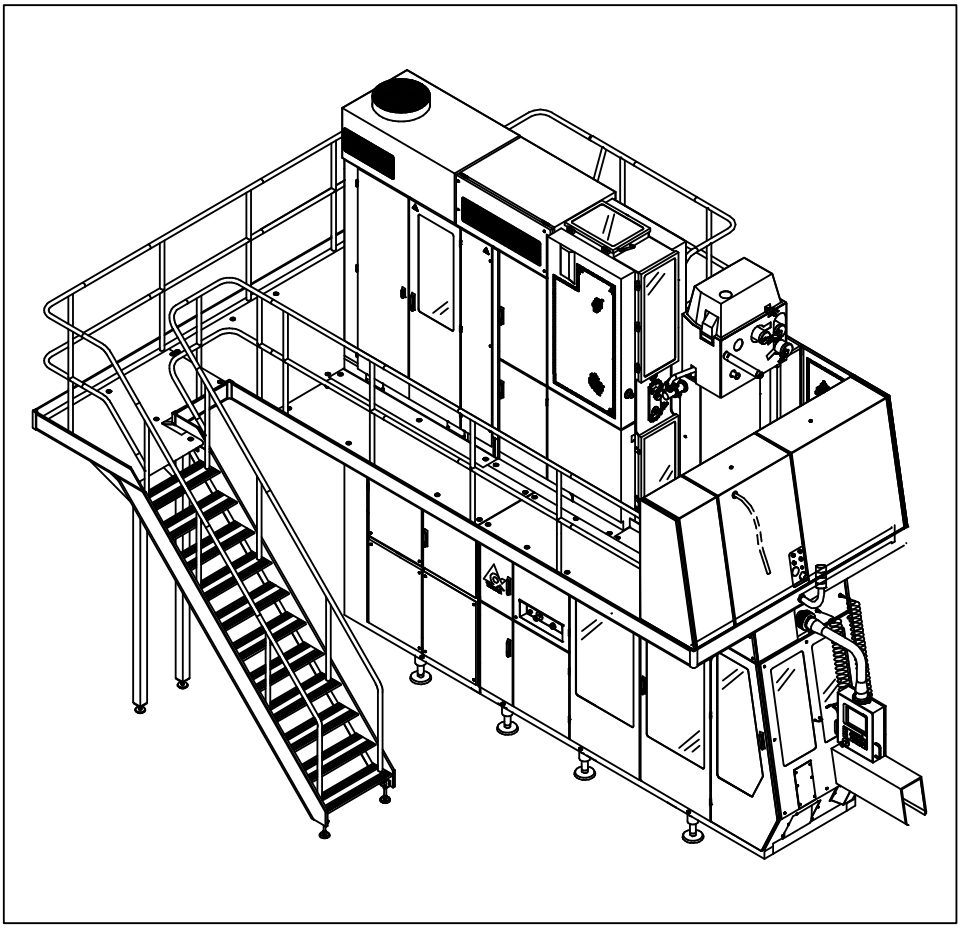
SPC
Spare Parts Catalogue

TBA/21 050V

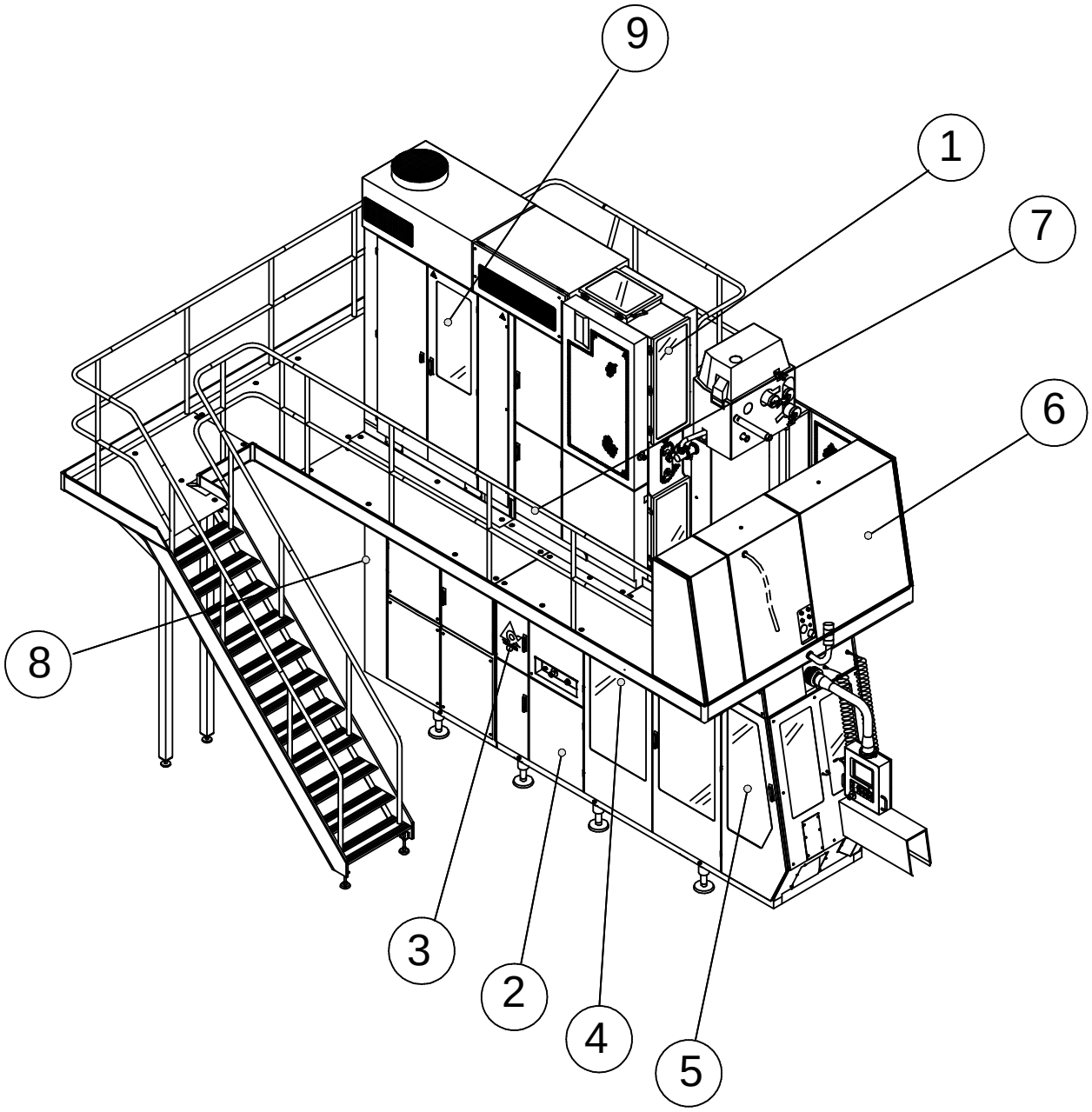
648570-0500



Tetra Pak

Doc. No: SPC-81545-0118

Main Groups of the Machine



1 - Superstructure
2 - Machine Body
3 - Drive
4 - Jaw System TBA/21
5 - Final Folder
6 - Service Unit
7 - Strip Applicator
8 - Automatic Splicing Unit
9 - Electrical Cabinet

For the correct machine data, check your machine specification, supplied with the machine!

This document is valid for:

Series No/Machine No Sign.

SPC
Spare Parts Catalogue

Tetra Brik Aseptic
TBA/21 050V
648570-0500

Valid from machine series No.:
21201/00151

Doc. No: SPC-81545-0118

Issue 2003-11

Tetra Pak

Tetra Pak Carton Ambient S.p.A.

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General information

Manufacturer

This machine is produced by:
Tetra Pak Carton Ambient S.p.A.
Via Delfini 1
41100 Modena /Italy

Document producer

This document has been produced by:
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Technical Publications
Via Delfini 1
41100 Modena /Italy

Number of pages

This document contains totally **1312 pages**, including the first **8** introduction pages.

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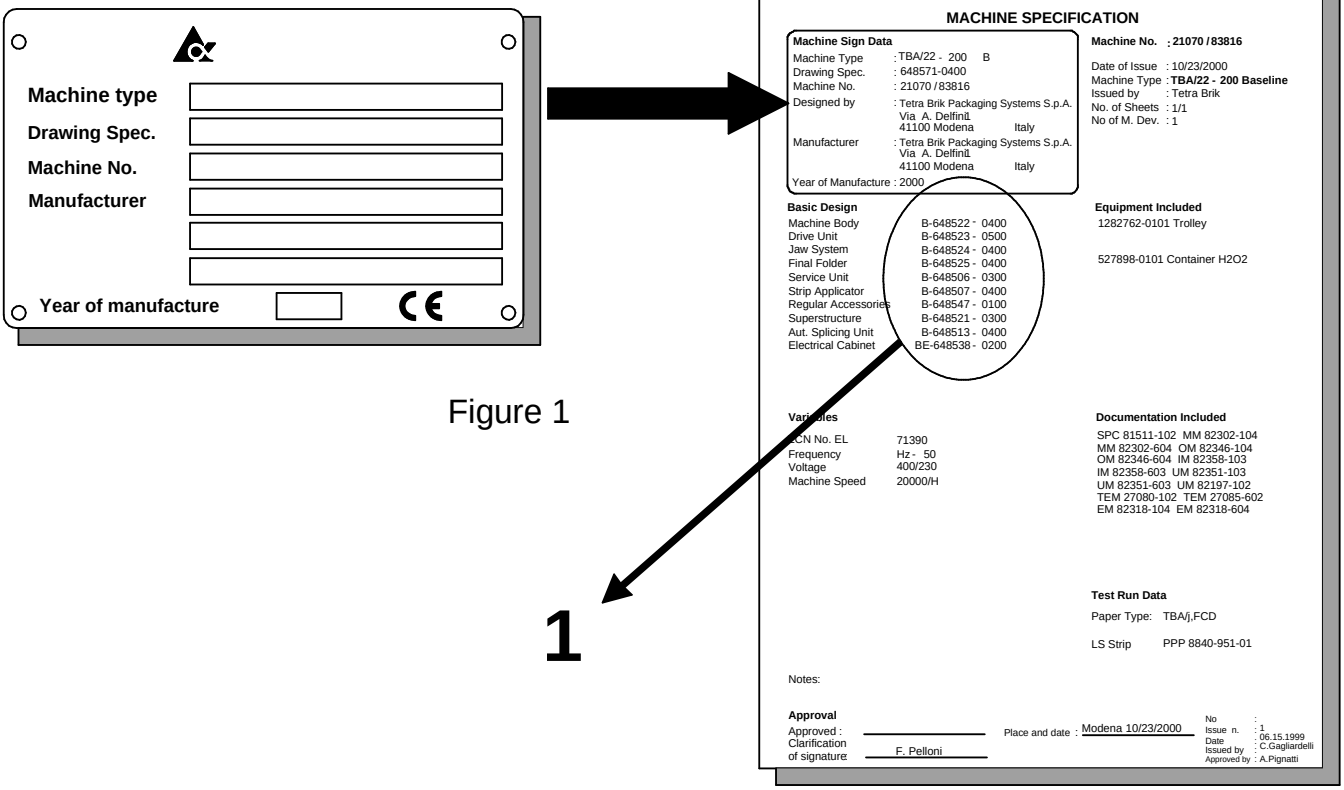


Figure 1

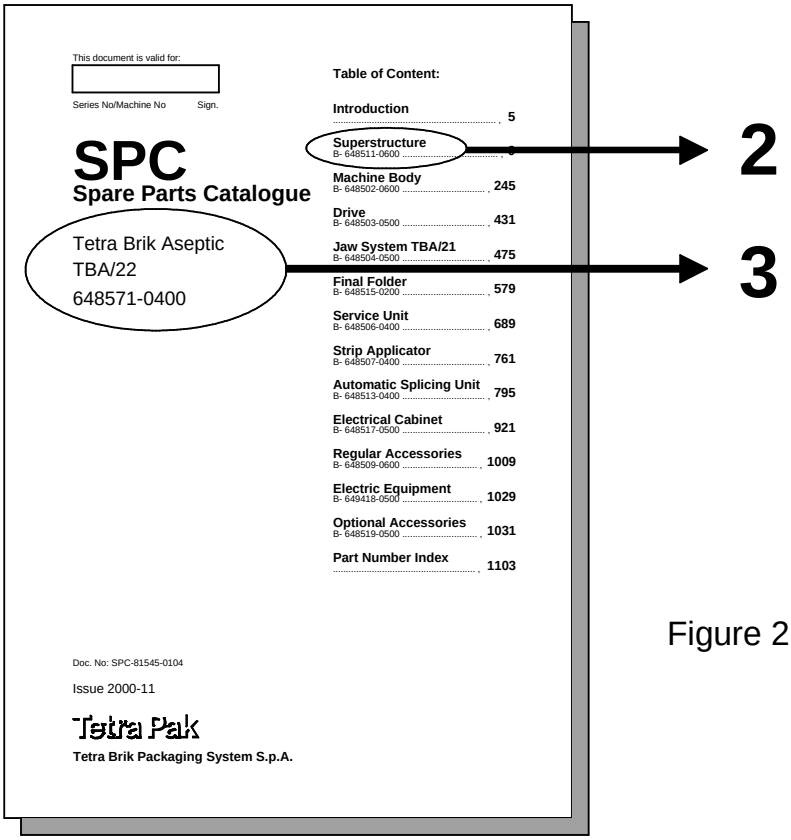


Figure 2

Figure 3 A-648571-0400

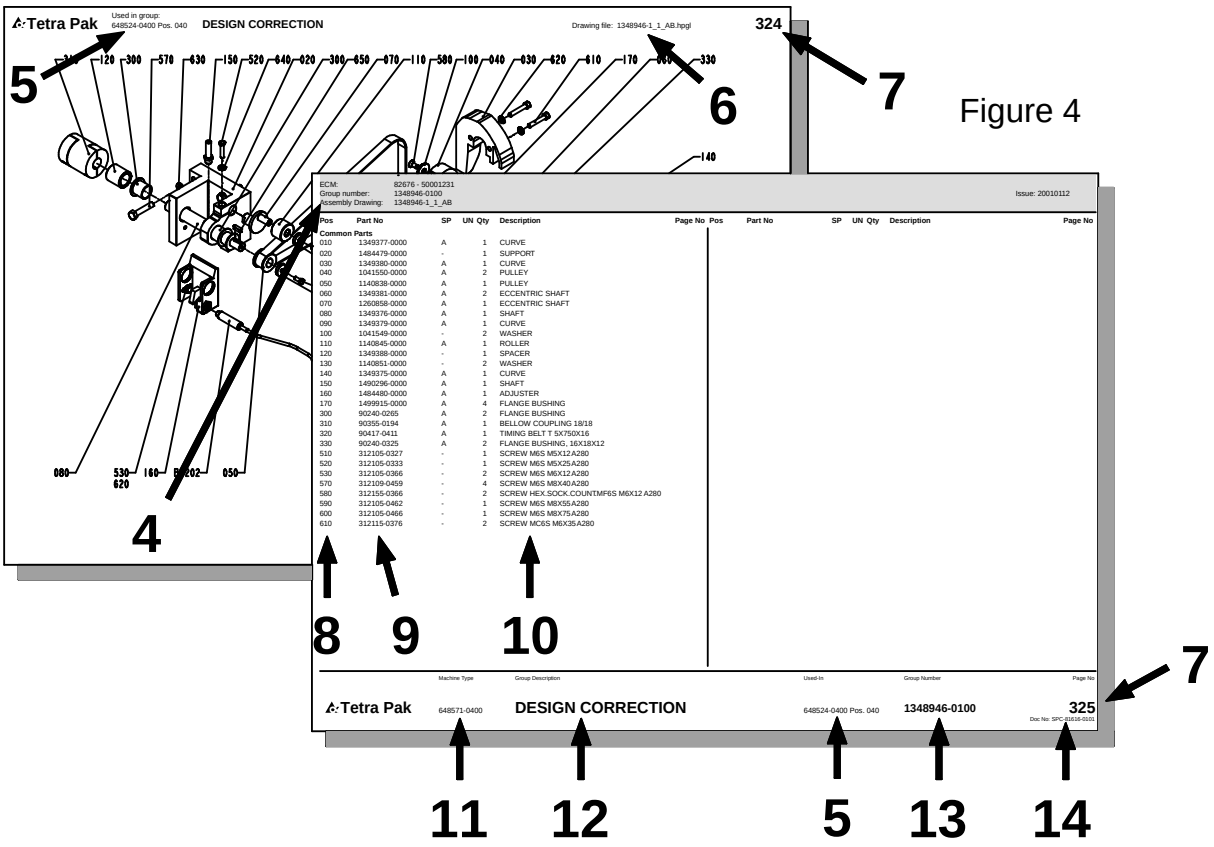


Figure 4

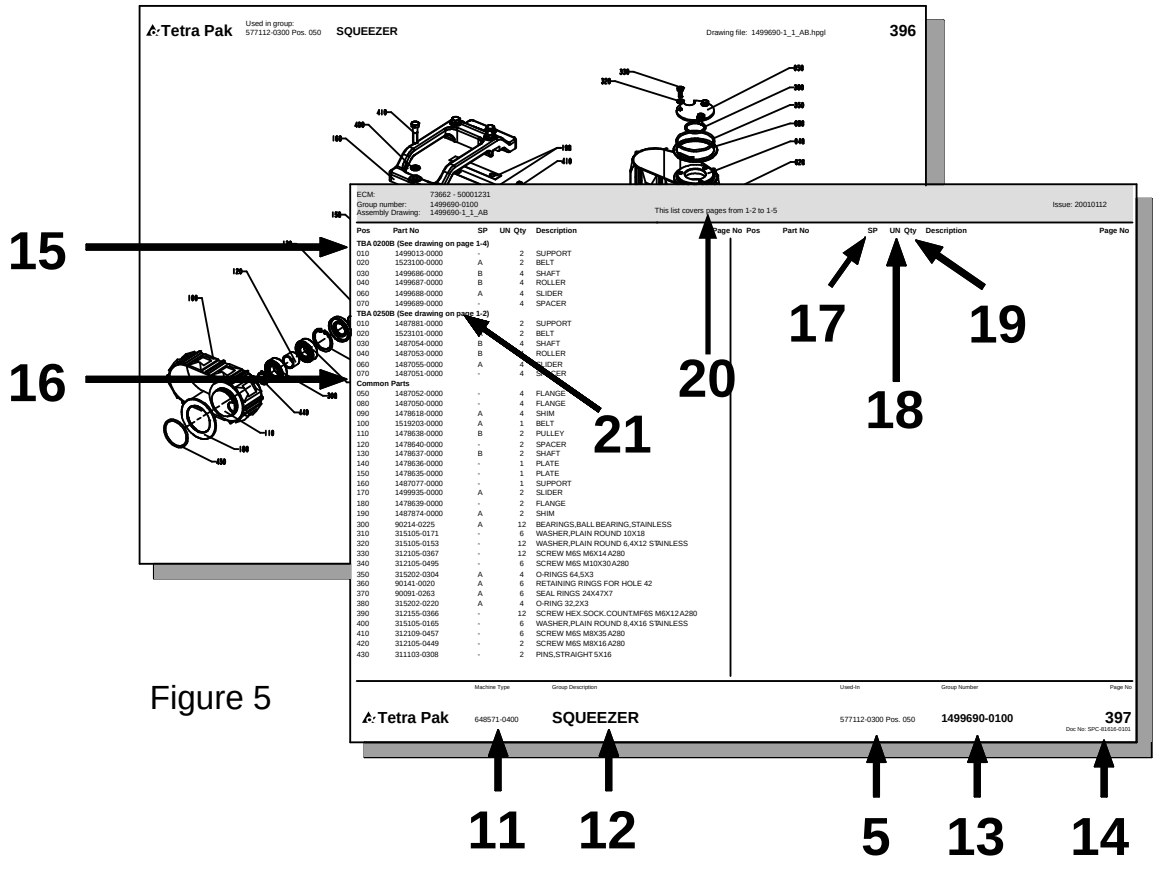


Figure 5

General information

Service

When ordering spare parts for your machine, contact the nearest Tetra Pak service station.

Machine identification

This machine plate is an example of the type of machine plate, attached to the machine frame. The plate carries data needed when contacting Tetra Pak concerning this particular machine **(see Figure 1)**.

Purpose of the Spare Parts Catalogue.

The purpose of the Spare Parts Catalogue (SPC) is to provide the technicians and contact personnel with information on how to find and order spare parts for maintenance and service of the machine.
For instructions of how to replace parts and adjust machine setup, see the Maintenance Manual (MM).

Delivered documentation

The technical documentation delivered with this machine is stated in the Machine Specification.
Note! If any of these documents is missing, it must be reported in the document **Start Up Machine Quality Report**. For more information, see chapter 8 Preparation for Commissioning in the Installation Manual.
It is important that you keep these documents for the life of the equipment, and pass the documents on to any subsequent holder or user of the equipment.

Design modification

The content of this document is in accordance with the design and construction of the machine at the time it was delivered from the Tetra Pak machine production facility.

Further copies

Additional copies can be ordered from the nearest Tetra Pak service station. When ordering technical publications, always quote the document number printed on the front cover of the document concerned.

Tetra Pak Part numbering system

The third and forth digits in the sub-number, specify one unique group which can be ordered. If the forth digit is replaced by a "0", the number combination only points to a bill-of-material document.
The first and second digits in the sub-number, specify the development step (model) of the machine or group. **(see fig. 3)**
Main number of machine /group /article, depending on level.
Prefix, giving information about level, eg.
A = Machine
B = Main section (*)
C = Groups and subgroups
*) Customized distribution machines are registered as B-level as well.

How to find the correct Spare Part Number

A. Check that the data on your machine sign, and /or machine specification, corresponds with the catalogue.**(see fig.1)**
1) Main groups of the machine

B. The second catalogue sheet contains a table of content for the main groups, included in the catalogue. The information regarding machine and main group status MUST correspond with your machine specification.
Locate and choose the main groups page number (1), in which you want to search for spare parts.
(see fig. 2)
2) Main group
3) Machine type

C. Search in the main group illustration, the item number, which may hold your wanted spare part. Go to the text page below and find the page number for the actual group. **(see fig. 4)**
4) Internal information, such as latest Engineering Change, Bill-of-Material included in the catalogue page and the Assembly Drawing required
5) Used-In reference to next higher level in the machine structure
6) Assembly drawing number including the archive file extension
7) Continuous page numbering through the document
8) Pos number corresponding to illustration
9) Group or article number. Groups having own pages are indicated by a Page reference. Some Part Numbers may contain sub parts, these are listed in *italic font* after their parent item.
10) Group or article description..
11) Machine type including development status
12) Group description
13) Group number (bill-of-material) including development status
14) Document number

D. Continue to the found page number, and search in the illustration for your spare part. Go to the text row for the found item number, and read the part number. Take eventual variant headings in consideration; if you are unsure, read your machine specification. **(see fig. 5)**
15) Variant heading, eg volume, left /right etc.
16) Heading for common parts

17a) SP = Code for articles, which are included into various spare part kits. (from R3 source)
A = Critical Spare Part
B = Non - Critical Spares Part
C = Don't stop function, can bypassed
D = Seldom break, long time production

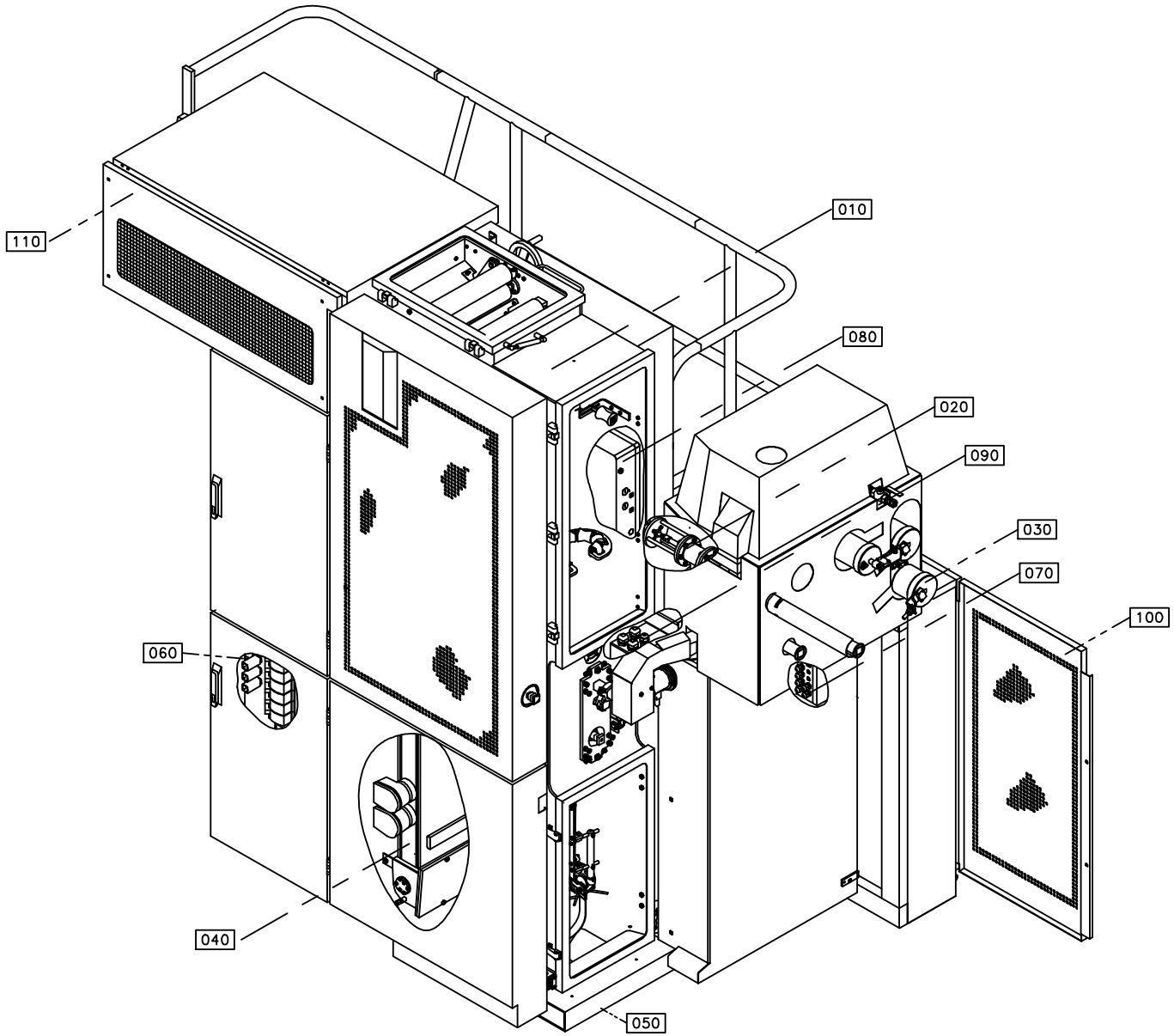
17b) SP = Code for articles, which are included into various spare part kits. (from AS400 source)
U = Starting-up kit supplied on machine delivery
P = Production kit to be held at production site workshop
S = Service kit to be held at service stations store
C = Central depot kit to be available at the central store

18) UN = Short code for measure units, eg mm, kg etc.
19) Qty = Number of items needed in the complete assembly.

E. Some Groups in the Catalogue may span over multiple pages, due to long text pages and/ or need of multiple drawings. When this occurs, a note (*This list covers pages from x-2 to x-5*) is written in the text page header.
20) List length information

F. When the list has more then one variant and each variant has its own assembly drawing dedicated, a page reference to the right drawing is given by the note *(See drawing on page: x-2)* after the variant heading.
21) Drawing reference information

SPC
Spare Parts Catalogue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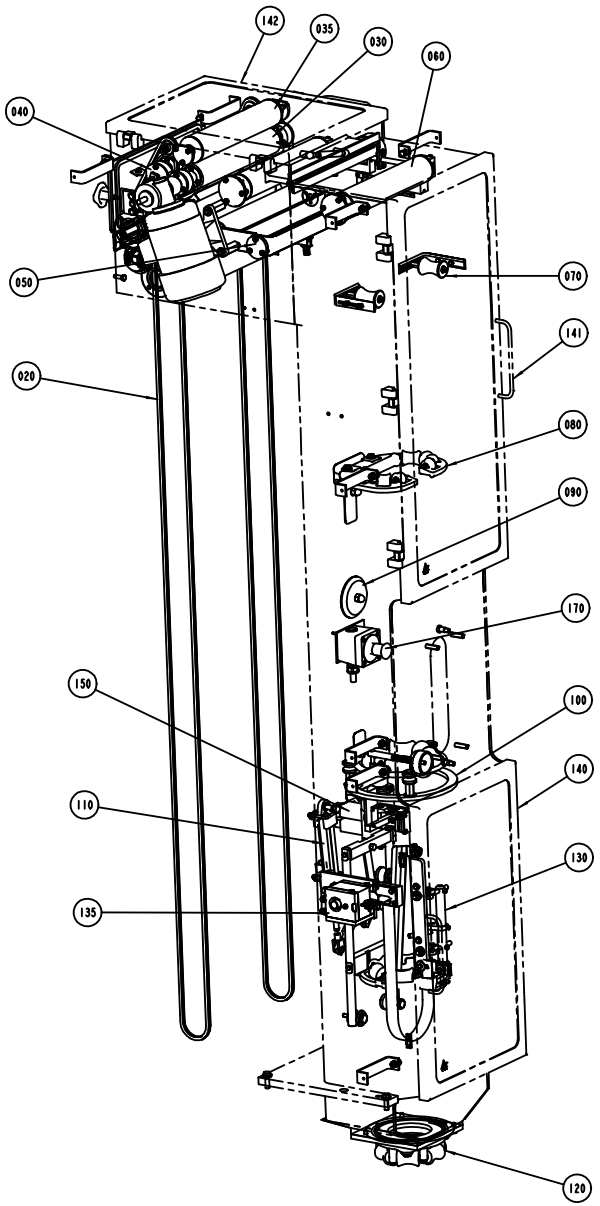
010
080
020
090
030
070
100
060
040
050

ECM: 72703 - 19990723
Group number: 648511-0600
Assembly Drawing: 648511-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095881-0300	-		1	ASEPTIC CHAMBER	**13**
020	1095755-0200	-		1	STERILE AIR SYSTEM	**89**
030	1095782-0300	-		1	FILLING SYSTEM	**115**
040	1095833-0400	-		1	HYDROGEN PEROXIDE	**167**
050	1095791-0400	-		1	FRAME SECTION,UPPER	**181**
060	1095686-0300	-		1	PNEUMATIC SYSTEM	**207**
070	1095823-0100	-		1	CONNECTION BOX	**225**
080	1095824-0300	-		1	CONNECTION BOX	**227, 229**
090	1095822-0300	-		1	CABLE TRENCH	**233, 235**
100	1095918-0200	-		1	COVERING PANEL	**237**
110	1095740-0200	-		1	COVERING PANEL	**239**
120	1185038-0100	-		1	TRANSPORT UNIT	**241**

Pos	Part No	SP	UN	Qty	Description	Page No


142
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030
060
040
050
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141
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170
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130
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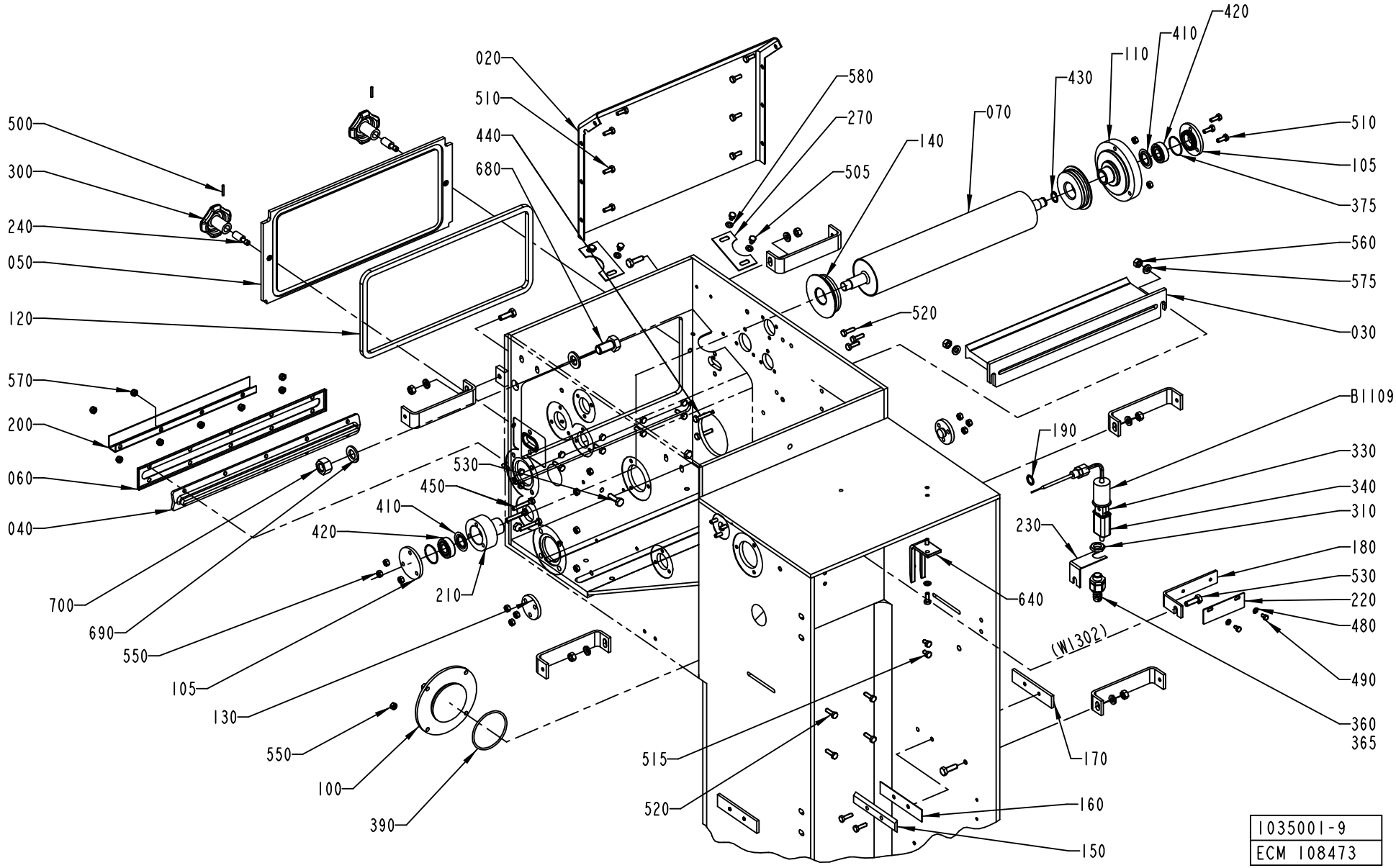
120

ECM: 123722 - 20030313
Group number: 1095881-0300
Assembly Drawing: 1095881-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1035001-0400	-		1	PILLAR	**15, 17**
020	996451-0100	-		1	CRANK	**19**
030	996427-0200	-		1	DRIVE UNIT	**21**
035	577099-0200	-		1	BENDING ROLLER	**23**
040	1282884-0200	-		1	CALENDER ROLLER	**25**
050	996425-0400	-		1	PENDULUM ROLLER	**27**
060	996428-0300	-		1	PAPER GUIDE	**29**
070	996449-0100	-		1	EDGE ROLLER	**31, 33**
080	996392-0200	-		1	UPPER TUBE SUPPORT	**35, 37, 39, 41**
090	1035113-0100	-		1	UPPER TUBE SUPPORT	**43, 45**
100	1195343-0300	-		1	UPPER FORMING RING	**47, 49, 51, 53, 55**
110	1095907-0300	-		1	LOWER FORMING RING	**57**
120	996456-0200	-		1	SEAL	**63, 65, 67**
130	1095746-0100	-		1	LONGITUDINAL SEALING	**69, 71, 73**
135	1095749-0100	-		1	IH EQUIPMENT	**75**
140	1317976-0100	-		1	DOOR	**77**
141	1317977-0100	-		1	DOOR	**79**
142	1317978-0100	-		1	DOOR	**81**
150	1095864-0300	-		1	SPRAY SYSTEM	**83, 85**
170	1035382-0100	-		1	EMERGENCY STOP	**87**

Pos	Part No	SP	UN	Qty	Description	Page No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1035001-9
ECM 108473

ECM: 127667 - 20030511
Group number: 1035001-0400
Assembly Drawing: 1035001-9_1_AA

This list covers pages from 14 to 17

Pos	Part No	SP	UN	Qty	Description	Page No
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010	1255320-0000	-		1	PILLAR	
020	1036344-0000	-		1	SHEET	
030	1036419-0000	-		1	TUNNEL	
040	273961-0000	A		1	SEAL	
050	1036465-0000	-		1	LID	
060	476087-0000	-		1	LID	
070	1511703-0000	A		1	BENDING ROLLER	
085	1038349-0000	-		1	BRACKET	
090	1037456-0000	-		9	BRACKET	
100	1038698-0000	-		1	LID	
105	1511704-0000	-		2	LID	
110	1511706-0000	A		1	FLANGE	
120	1036478-0000	A		1	GASKET	
130	1038429-0000	-		2	LID	
140	1296820-0000	A		2	WHEEL	
150	1348958-0000	-		2	COVER PLATE	
160	1036694-0000	-		2	GASKET	
170	1350876-0000	-		2	PLATE	
180	1498185-0000	-		1	BRACKET	
190	315237-0110	-		1	WASHER,PL.RND.AL.13,5/18,H=1,5	
200	1487759-0000	-		1	PLATE	
210	1511705-0000	-		1	FLANGE	
220	2598009-0000	-		1	RULER	
230	1036373-0000	-		1	HOLDER	
240	1036475-0000	-		2	PIN	
260	1535006-0000	A		1	CABLE	
270	1129649-0000	-		2	PLATE	
280	2552115-0000	-		1	HOOK	
290	2504627-0000	-		1	GASKET	
300	90051-0045	-		2	STELLAR KNOB, NO. 8323-2575	
310	90099-0104	-		1	NUT, PR 15,2 (PG9)	
330	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
340	90326-0012	-		1	PROTECTIVE COVER, T31A4618	
360	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
365	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
375	315204-0122	A		2	O-RING 32,1X1,6 MM	
380	90242-0227	A		1	O-RING 66X2,5 MM	
390	315204-0305	A		1	O-RING 69,5X3 MM	
400	90153-0002	-		1	ADHESIVE, BOSTIK 292 BLACK 125ML	
410	90214-0303	A		2	SEALING RING, 18,6X35X2 MM	
420	90458-0572	A		2	BALL BEARING, 15X35X11 MM	
430	315751-0112	-		1	RETAIN. RING, 15	
440	312109-0374	-		3	SCREW M6S ISO 4017 M6X30 A480	
450	312109-0378	-		3	SCREW M6S ISO4017 M6X40 A480	
480	315105-0146	-		4	BRICKA BRB5,3X10RFR	
490	312105-0323	-		2	SKRUV M6S ISO 4017 M5X8 A480	
500	90258-0031	-		2	PIN, STRAIGHT SLOTTED SPRING FRP 3X20	
505	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
510	312105-0368	-		19	SCREW M6S M6X16 A280	
515	312105-0364	-		2	SCREW M6S ISO 4017 M6X10 A480	
520	312105-0370	-		24	SCREW M6S ISO 4017 M6X20 A480	
530	312105-0453	-		13	SCREW M6S ISO 4017 M8X25 A480	
540	312105-0497	-		4	SCREW M6S ISO 4017 M10X35 A480	
550	312605-0316	-		24	HEXAGON NUT, M6M M6 A280	
560	312605-0318	-		12	HEXAGON NUT, M6M M8 A280	
570	312812-0316	-		10	HEXAGON NUT, NY-LOCK M6 A480	
575	315115-0165	-		13	WASHER PLAIN, TBRB 8,4/16 H=3	
580	315105-0153	-		6	WASHER BRB6,4X12RFR	
590	315115-0173	-		4	WASHER PLAIN, TBRB 10,5/22 H=4	
600	352113-0204	-		3	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
610	312125-0366	-		3	SCREW PAN HEAD MCS M6X12 SS	
620	312105-0447	-		1	SCREW M6S ISO 4017 M8X12 A480	
640	1524273-0000	-		1	THERMOCOUPLE PROTECTION	
650	1535010-0000	A		1	SUPPORT BLOCK	
660	1535009-0000	A		1	SUPPORT BLOCK	
670	312105-0333	-		2	SCREW M6S ISO 4017 M5X25 A480	
680	312105-0624	-		1	SCREW M6S ISO 4017 M16X30 A480	
690	315105-0186	-		2	WASHER BRB17X30RFR	
700	312605-0324	-		1	HEXAGON NUT, M6M M16 A280	
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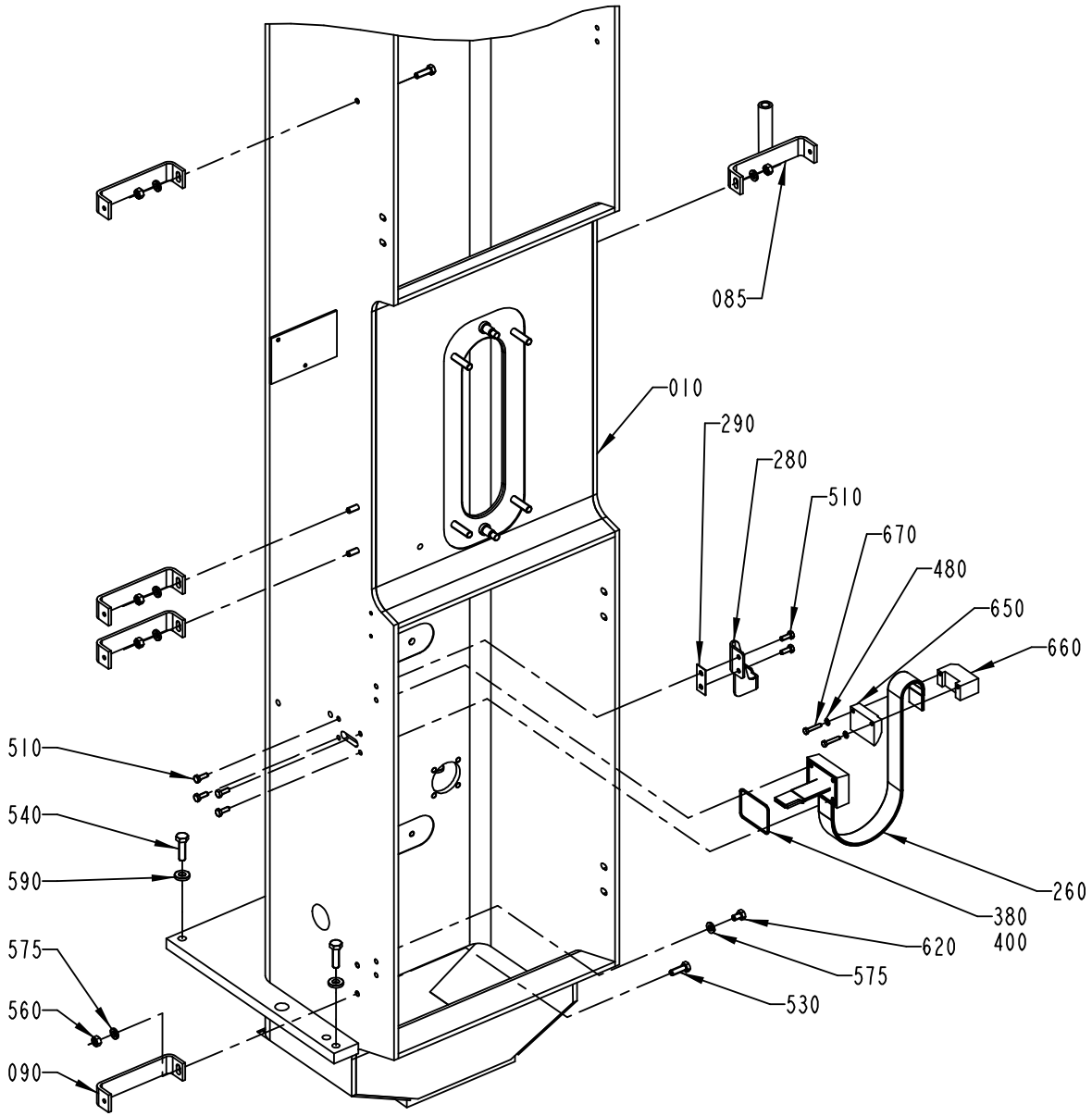
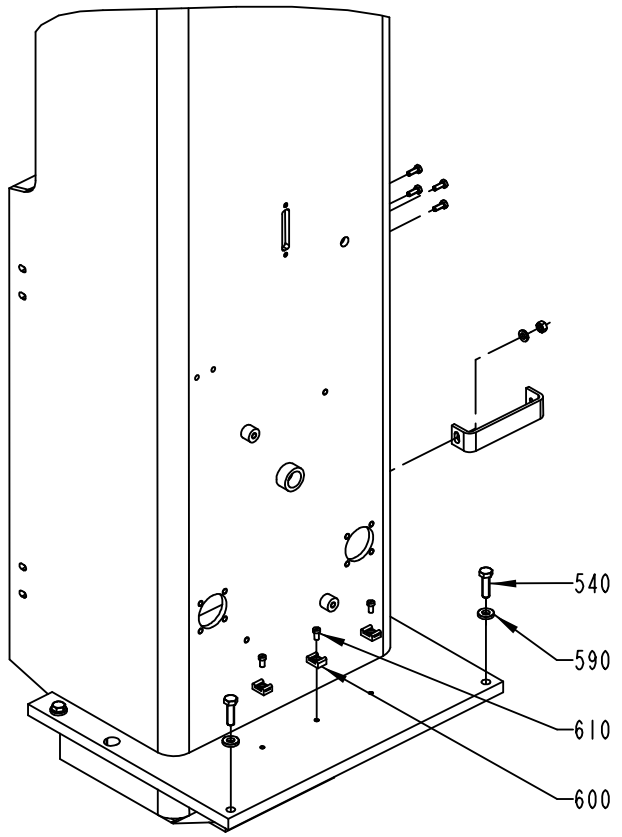
Machine Type | Group Description | Used-In | Group Number | Page No





1035001-9
ECM 108473

ECM: 127667 - 20030511
Group number: 1035001-0400
Assembly Drawing: 1035001-9_2_AA

This list covers pages from 14 to 17

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1255320-0000	-		1	PILLAR	
020	1036344-0000	-		1	SHEET	
030	1036419-0000	-		1	TUNNEL	
040	273961-0000	A		1	SEAL	
050	1036465-0000	-		1	LID	
060	476087-0000	-		1	LID	
070	1511703-0000	A		1	BENDING ROLLER	
085	1038349-0000	-		1	BRACKET	
090	1037456-0000	-		9	BRACKET	
100	1038698-0000	-		1	LID	
105	1511704-0000	-		2	LID	
110	1511706-0000	A		1	FLANGE	
120	1036478-0000	A		1	GASKET	
130	1038429-0000	-		2	LID	
140	1296820-0000	A		2	WHEEL	
150	1348958-0000	-		2	COVER PLATE	
160	1036694-0000	-		2	GASKET	
170	1350876-0000	-		2	PLATE	
180	1498185-0000	-		1	BRACKET	
190	315237-0110	-		1	WASHER,PL.RND.AL.13,5/18,H=1,5	
200	1487759-0000	-		1	PLATE	
210	1511705-0000	-		1	FLANGE	
220	2598009-0000	-		1	RULER	
230	1036373-0000	-		1	HOLDER	
240	1036475-0000	-		2	PIN	
260	1535006-0000	A		1	CABLE	
270	1129649-0000	-		2	PLATE	
280	2552115-0000	-		1	HOOK	
290	2504627-0000	-		1	GASKET	
300	90051-0045	-		2	STELLAR KNOB, NO. 8323-2575	
310	90099-0104	-		1	NUT, PR 15,2 (PG9)	
330	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
340	90326-0012	-		1	PROTECTIVE COVER, T31A4618	
360	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
365	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
375	315204-0122	A		2	O-RING 32,1X1,6 MM	
380	90242-0227	A		1	O-RING 66X2,5 MM	
390	315204-0305	A		1	O-RING 69,5X3 MM	
400	90153-0002	-		1	ADHESIVE, BOSTIK 292 BLACK 125ML	
410	90214-0303	A		2	SEALING RING, 18,6X35X2 MM	
420	90458-0572	A		2	BALL BEARING, 15X35X11 MM	
430	315751-0112	-		1	RETAIN. RING, 15	
440	312109-0374	-		3	SCREW M6S ISO 4017 M6X30 A480	
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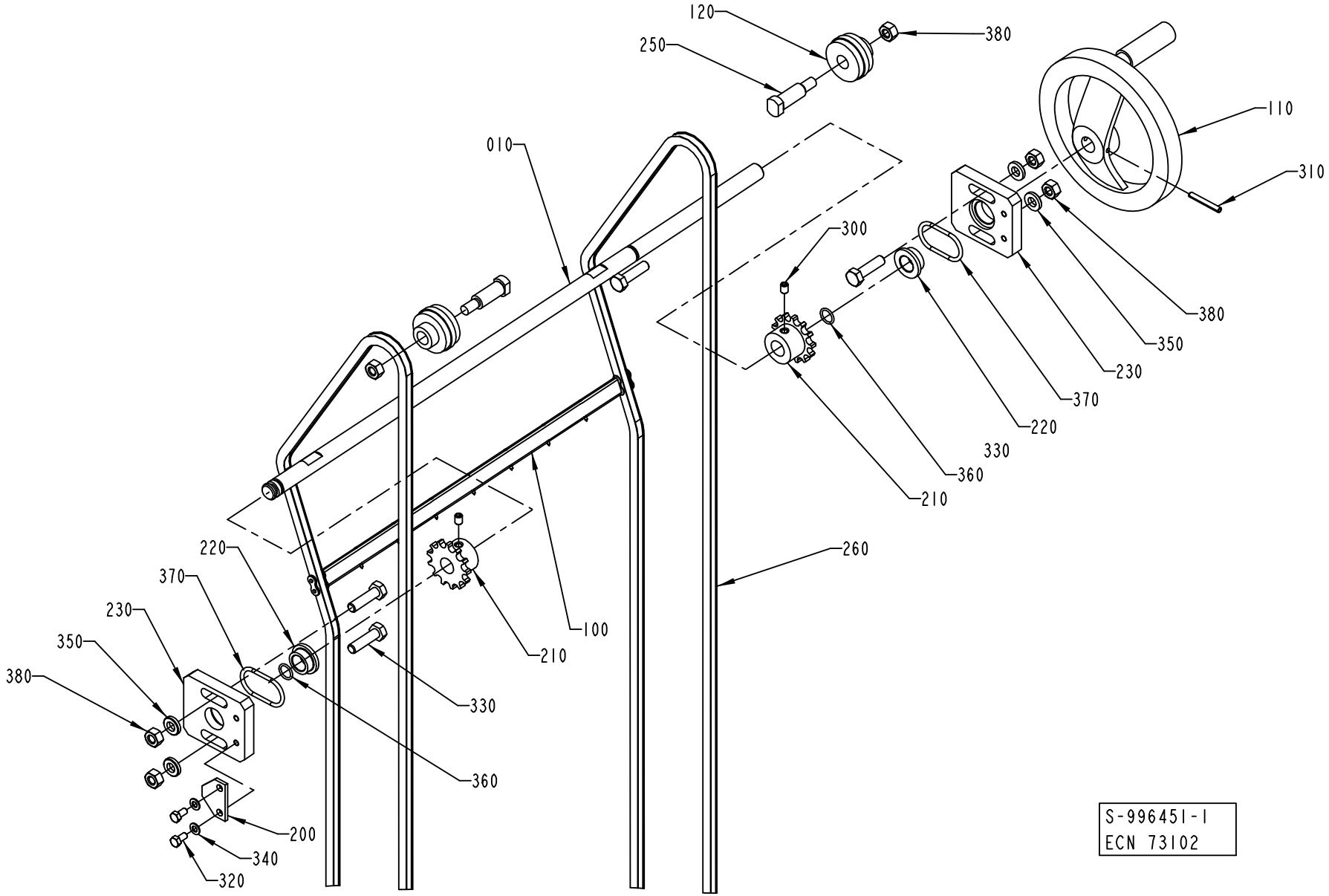
490	312105-0323	-		2	SKRUV M6S ISO 4017 M5X8 A480	
500	90258-0031	-		2	PIN, STRAIGHT SLOTTED SPRING FRP 3X20	
505	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
510	312105-0368	-		19	SCREW M6S M6X16 A280	
515	312105-0364	-		2	SCREW M6S ISO 4017 M6X10 A480	
520	312105-0370	-		24	SCREW M6S ISO 4017 M6X20 A480	
530	312105-0453	-		13	SCREW M6S ISO 4017 M8X25 A480	
540	312105-0497	-		4	SCREW M6S ISO 4017 M10X35 A480	
550	312605-0316	-		24	HEXAGON NUT, M6M M6 A280	
560	312605-0318	-		12	HEXAGON NUT, M6M M8 A280	
570	312812-0316	-		10	HEXAGON NUT, NY-LOCK M6 A480	
575	315115-0165	-		13	WASHER PLAIN, TBRB 8,4/16 H=3	
580	315105-0153	-		6	WASHER BRB6,4X12RFR	
590	315115-0173	-		4	WASHER PLAIN, TBRB 10,5/22 H=4	
600	352113-0204	-		3	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
610	312125-0366	-		3	SCREW PAN HEAD MCS M6X12 SS	
620	312105-0447	-		1	SCREW M6S ISO 4017 M8X12 A480	
640	1524273-0000	-		1	THERMOCOUPLE PROTECTION	
650	1535010-0000	A		1	SUPPORT BLOCK	
660	1535009-0000	A		1	SUPPORT BLOCK	
670	312105-0333	-		2	SCREW M6S ISO 4017 M5X25 A480	
680	312105-0624	-		1	SCREW M6S ISO 4017 M16X30 A480	
690	315105-0186	-		2	WASHER BRB17X30RFR	
700	312605-0324	-		1	HEXAGON NUT, M6M M16 A280	
B1109	90458-0341	A		1	THERMOCOUPLE, 5130050-001	

Machine Type | Group Description | Used-In | Group Number | Page No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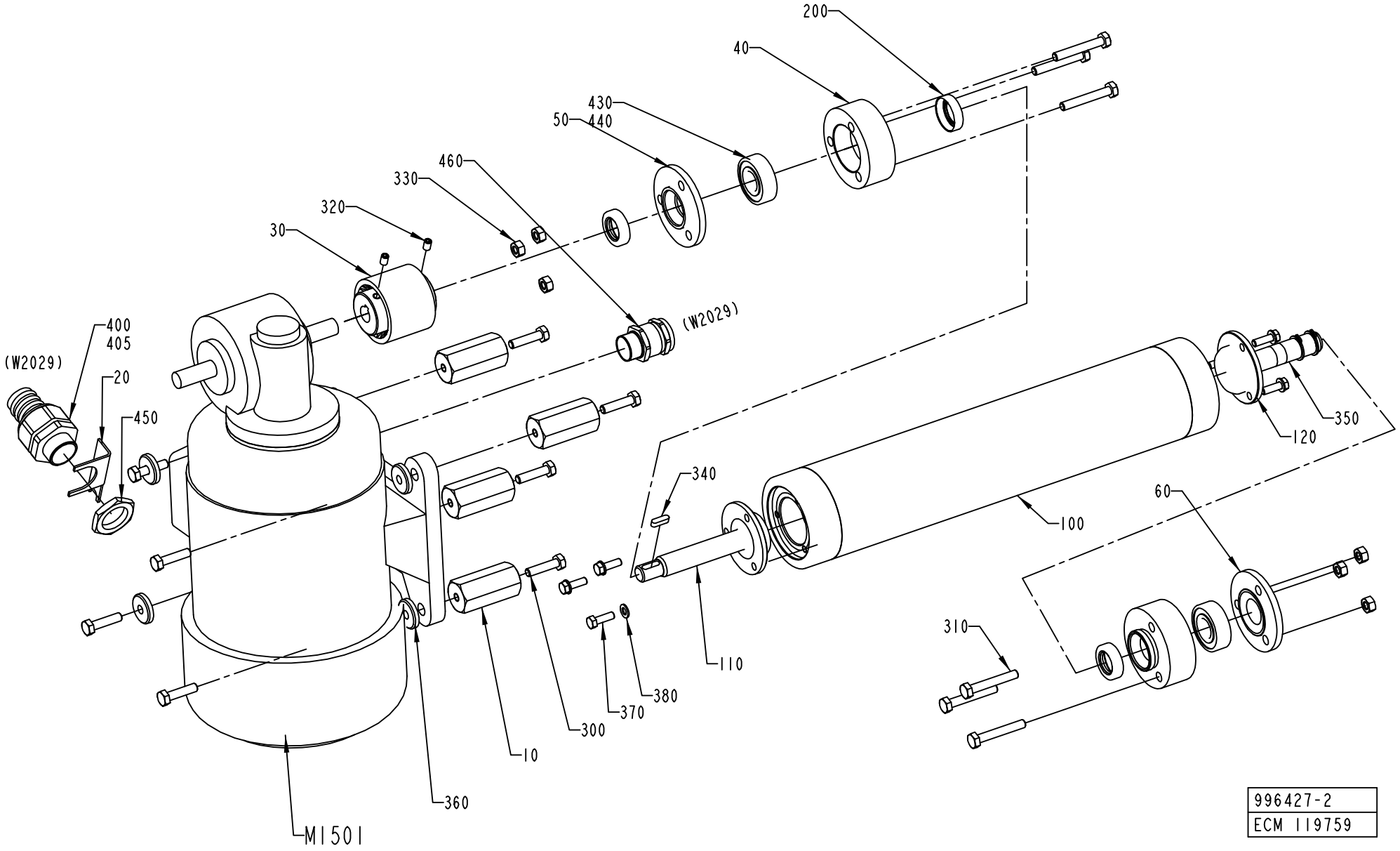
S-996451-1
ECN 73102

ECM: 111159 - 20020628
Group number: 996451-0100
Assembly Drawing: 996451-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036841-0000	-		1	SHAFT	
100	1040777-0000	-		1	CARRIER	
110	247358-0000	-		1	SHIFTER HANDLE	
120	1036832-0000	B		2	WHEEL	
200	247355-0000	-		1	LOCK WASHER	
210	1038464-0000	-		2	SPROCKET	
220	531191-0000	B		2	BUSHING	
230	1484823-0000	-		2	PLATE	
250	1036833-0000	-		2	SCREW	
260	1036868-0000	A		2	CHAIN	
300	312318-0362	-		2	SCREW ISO4029 M6X8 A4	
310	311112-0262	-		1	SPRING PIN, ISO 8752 4X32-C	
320	312105-0325	-		2	SCREW M6S ISO 4017 M5X10 A480	
330	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
340	315105-0146	-		2	BRICKA BRB5,3X10RFR	
350	315115-0165	-		4	WASHER PLAIN, TBRB 8,4/16 H=3	
360	315204-0109	B		2	O-RING 11,1X1,6 MM	
370	315204-0221	B		2	O-RING 34,2X3 MM	
380	312605-0318	-		6	HEXAGON NUT, M6M M8 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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(W2029)
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M1501
996427-2
ECM 119759

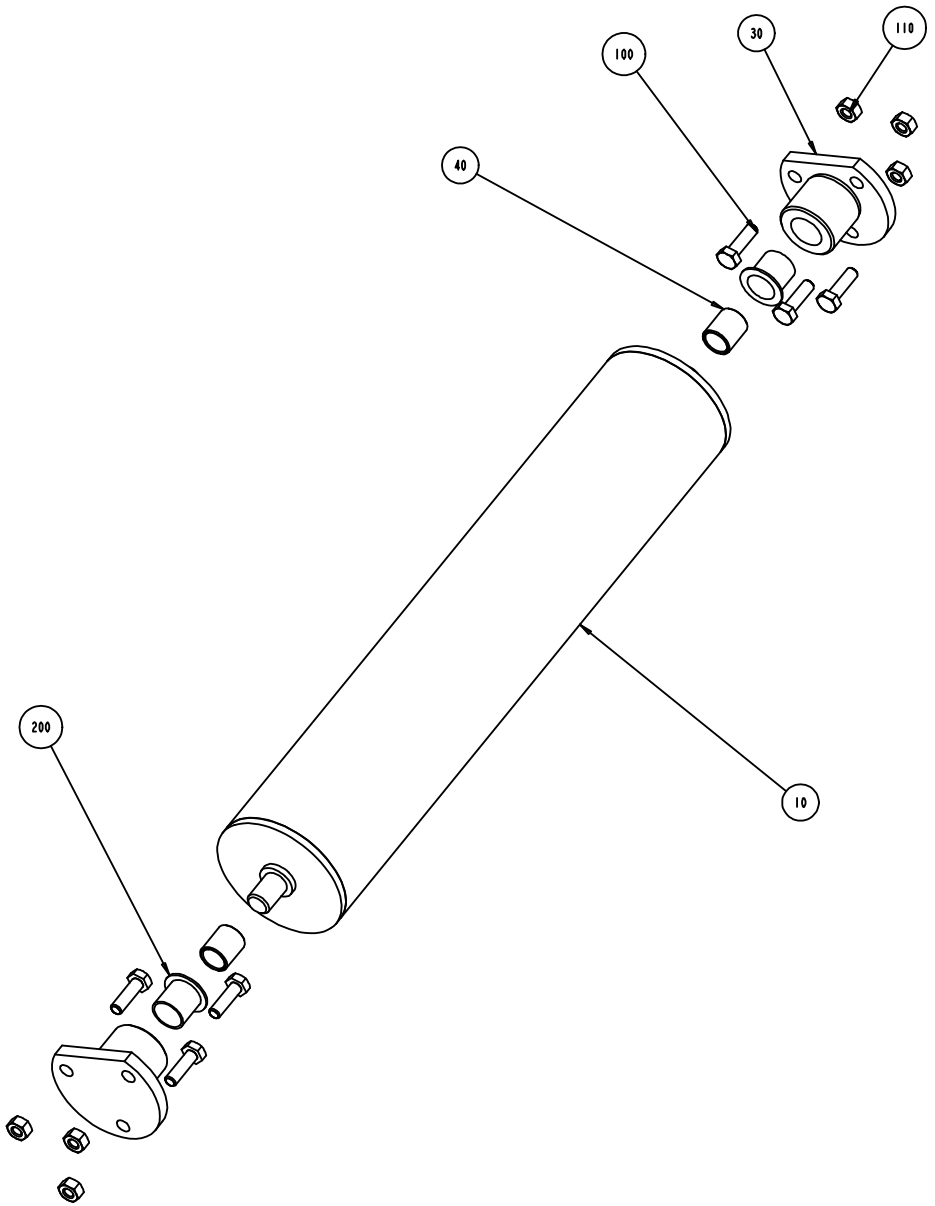
ECM: 119355 - 20030825
Group number: 996427-0200
Assembly Drawing: 996427-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B						
100	2587730-0000	A		1	ROLLER	
TPA 1000S, TBA 1500S, TPA 0250SQ, TPA 0330SQ, TPA 1000SQ, TPA 0500SQ						
100	2611702-0000	A		1	ROLLER	
Common Parts						
010	1036371-0000	-		4	SPACER SLEEVE	
020	1129086-0000	-		1	BRACKET	
030	1129298-0000	A		1	SHAFT COUPLING	
040	1478279-0000	-		2	BALL BEARING HOUSING	
050	1478280-0000	-		1	LID	
060	1484131-0000	-		1	LID	
110	1348954-0000	A		1	SHAFT	
120	1347546-0000	A		1	SHAFT	
200	90091-0429	A		3	VARILIP 15X26X7 MM	
300	312105-0372	-		8	SCREW M6S ISO 4017 M6X25 A480	
310	312109-0378	-		6	SCREW M6S ISO4017 M6X40 A480	
320	312318-0323	-		2	SCREW ISO4029 M5X8 A4	
330	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
340	315701-0167	-		1	PARALLEL KEY W. ROUND ENDS 4X4X16 MM	
350	315751-0112	-		2	RETAIN. RING, 15	
360	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
370	312105-0329	-		6	SCREW M6S ISO 4017 M5X16 A480	
380	315105-0146	-		6	BRICKA BRB5,3X10RFR	
400	353243-0005	-		1	EXTENDED WITHOUT INSERT, PG16	
405	353249-0014	-		1	INSERT, SINGEL HOLE, EK 154/16	
430	90458-1704	A		2	BALL BEARING, 15X35X11 MM	
440	90296-0091	-		1	LUBRICATION GREASE	
450	90099-0110	-		1	NUT, PR 22,5 (PG16)	
460	90012-0137	-		1	GLAND, EXTENDED WITH INSERT, PG11	
M1501	90069-0613	A		1	GEARS, WORM MOTOR ODM120-80BE3	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

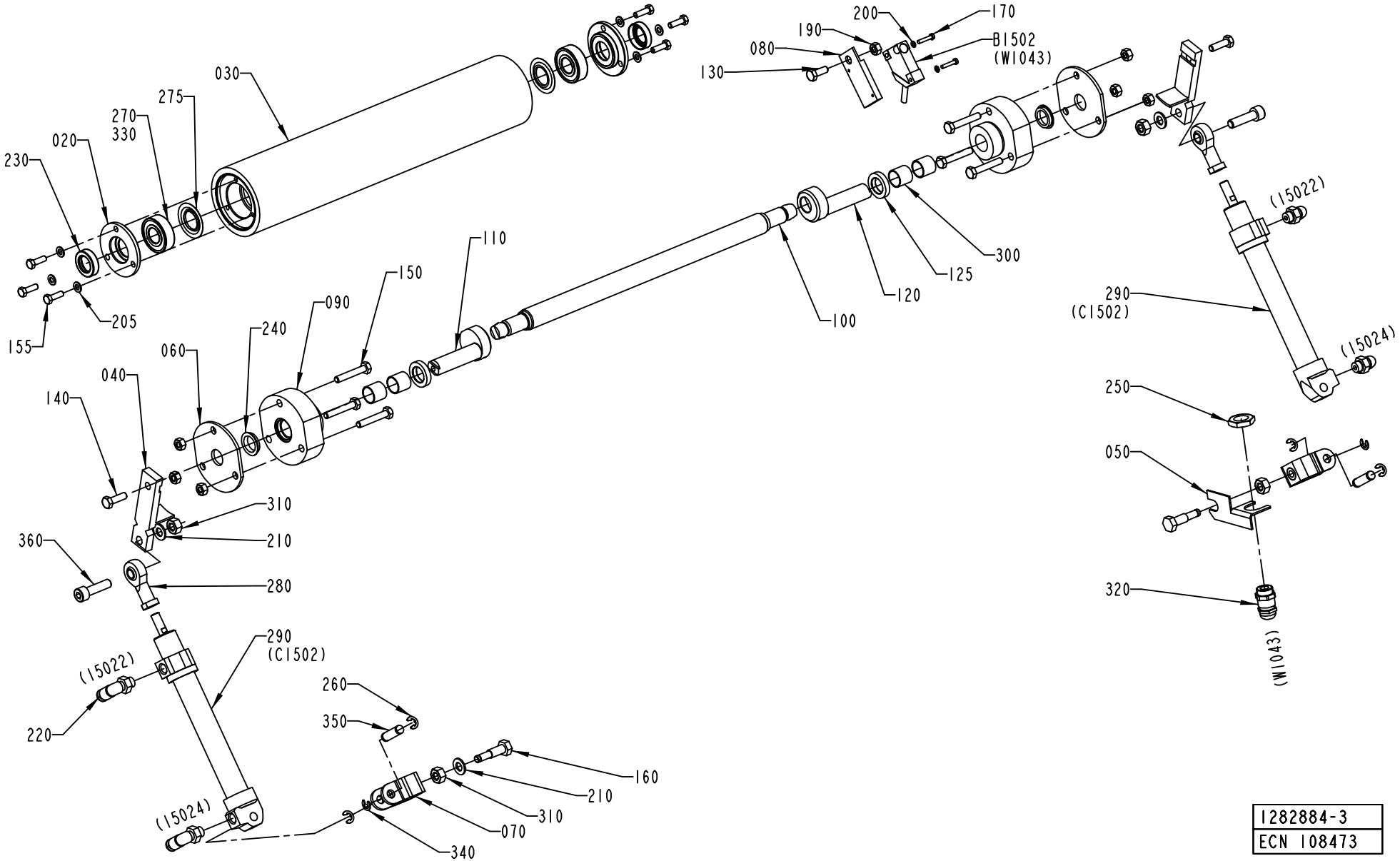
BENDING ROLLER



ECM: 111156 - 20020628
Group number: 577099-0200
Assembly Drawing: 577099-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1255520-0000	-		1	ROLLER	
030	1255522-0000	-		2	FLANGE	
040	1040813-0000	A		2	SLEEVE	
100	312105-0370	-		6	SCREW M6S ISO 4017 M6X20 A480	
110	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
200	90240-0264	A		2	FLANGE BUSHING, 15X17X17 MM	

Pos	Part No	SP	UN	Qty	Description	Page No



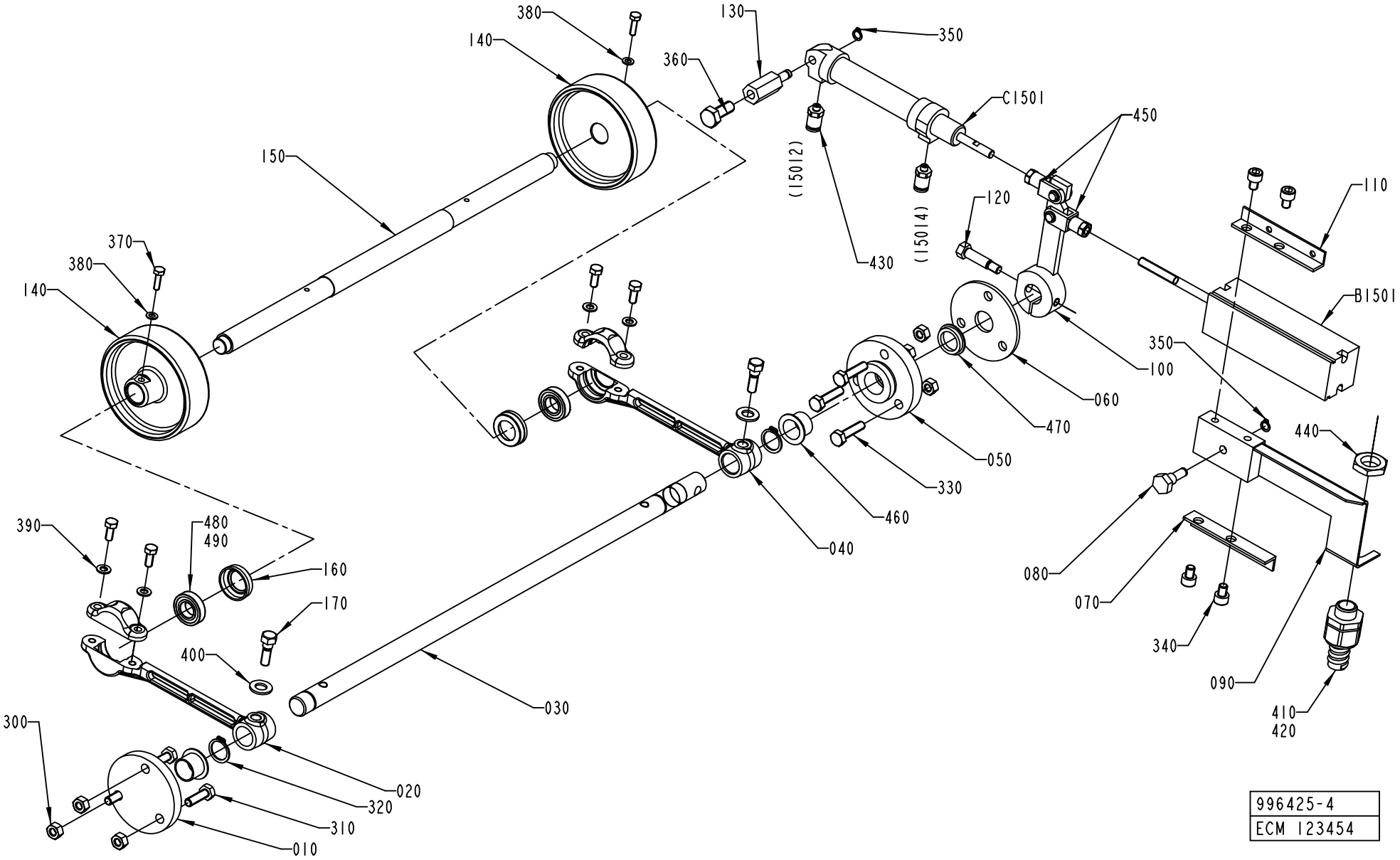
1282884-3
ECN 108473

ECM: 119356 - 20030825
Group number: 1282884-0200
Assembly Drawing: 1282884-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1348647-0000	-		2	FLANGE	
030	2611702-0000	A		1	ROLLER	
040	1036609-0000	-		2	LEVER	
050	1036610-0000	-		1	BRACKET	
060	1036611-0000	-		2	LID	
070	2552961-0000	-		2	BRACKET	
080	1348984-0000	-		1	BRACKET	
090	1282885-0000	-		2	BEARING COVER	
100	1348417-0000	A		1	SHAFT	
110	2511633-0000	A		1	ECCENTRIC SHAFT	
120	2511632-0000	A		1	ECCENTRIC SHAFT	
125	1348983-0000	-		2	SPACER	
130	312105-0368	-		1	SCREW M6S M6X16 A280	
140	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
150	312109-0376	-		6	SCREW M6S ISO 4017 M6X35 A480	
155	312105-0329	-		6	SCREW M6S ISO 4017 M5X16 A480	
160	2552962-0000	-		2	SHAFT	
170	312125-0228	-		2	SCREW PAN HEAD MCS M3X16 A480	
190	312605-0316	-		7	HEXAGON NUT, M6M M6 A280	
200	315105-0124	-		2	BRICKA BRB3,2X6RFR	
205	315105-0146	-		6	BRICKA BRB5,3X10RFR	
210	315105-0165	-		3	WASHER BRB8,4X16RFR	
220	342732-0102	-		4	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/8	
230	90091-0429	A		2	VARILIP 15X26X7 MM	
240	90091-0357	A		2	VARISEAL ROTO 15X23X4 MM	
250	90099-0104	-		1	NUT, PR 15,2 (PG9)	
260	315755-0108	-		4	LOCKING WASHER 6	
270	90458-1704	A		2	BALL BEARING, 15X35X11 MM	
275	90214-0303	A		2	SEALING RING, 18,6X35X2 MM	
280	90239-0492	A		2	ROD END,BALL JOINT EYE,MINI-ISO M8	
290	90239-0824	A		2	DOUBLE ACTING, MINI-ISO, CYL.20-100	
300	90240-0258	A		4	BUSHING, 15X17X15 MM	
310	312605-0318	-		4	HEXAGON NUT, M6M M8 A280	
320	90012-0123	-		1	GLAND FITTING	
330	90296-0091	-		1	LUBRICATION GREASE	
340	315755-0107	-		2	LOCKING WASHER 5	
350	2552963-0000	-		2	SHAFT	
360	312115-0455	-		2	SCREW ISO4762 M8X30 A4	
B1502	90044-0194	A		1	PROX.SW. IN5329/IN3002-BPKG	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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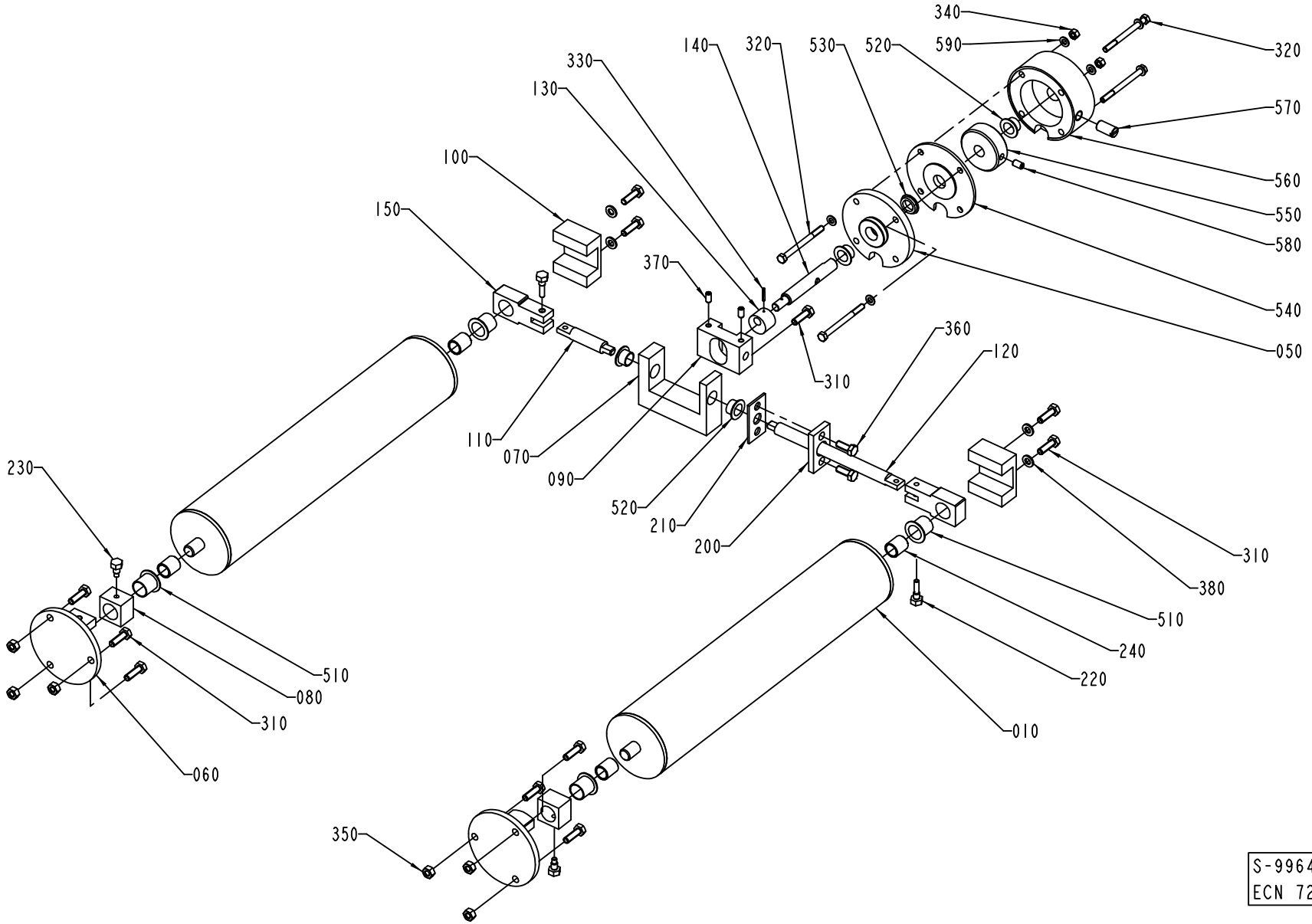
996425-4
ECM 123454

ECM: 127147 - 20030314
Group number: 996425-0400
Assembly Drawing: 996425-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036328-0000	-		1	LID	
020	1558343-0000	-		1	LEVER	
030	1548486-0000	-		1	SHAFT	
040	1558342-0000	-		1	LEVER	
050	1036174-0000	-		1	BEARING COVER	
060	1036370-0000	-		1	LID	
070	1255185-0000	-		1	BRACKET	
080	1038363-0000	-		1	SCREW	
090	1038362-0000	-		1	BRACKET	
100	1041687-0000	-		1	LEVER	
110	1255184-0000	-		1	BRACKET	
120	1041688-0000	-		1	FITTING BOLT	
130	1036178-0000	-		1	SHAFT	
140	2503488-0000	-		2	WHEEL	
150	2563288-0000	-		1	SHAFT	
160	2532976-0000	-		2	LID	
170	1519177-0000	-		2	SCREW	
300	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
310	312105-0370	-		3	SCREW M6S ISO 4017 M6X20 A480	
320	315751-0112	-		2	RETAIN. RING, 15	
330	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
340	312115-0362	-		4	SCREW ISO4762 M6X8 A4	
350	315751-0103	-		2	RETAIN. RING, 6	
360	312105-0451	-		1	SCREW M6S ISO 4017 M8X20 A480	
370	312105-0292	-		2	SCREW M6S ISO 4017 M4X14 A480	
380	315105-0136	-		2	WASHER BRB4,3XRFR	
390	315105-0146	-		4	BRICKA BRB5,3X10RFR	
400	315105-0165	-		2	WASHER BRB8,4X16RFR	
410	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
420	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
430	342722-0197	-		2	STRAIGHT COUPLING	
440	90099-0104	-		1	NUT, PR 15,2 (PG9)	
450	90239-0489	-		2	ROD END, CLEVIS WITH AXLE M6X1,25	
460	90240-0263	A		2	FLANGE BUSHING, 15X17X12 MM	
470	90091-0357	A		1	VARISEAL ROTO 15X23X4 MM	
480	90214-0112	A		2	BALL BEARING, 12X24X6 MM	
490	90296-0091	-		1	LUBRICATION GREASE	
B1501	90130-0025	A		1	POTENTIOMETER, 5 KOHM	
C1501	90239-0817	A		1	DOUBLE ACTING, MINI-ISO, CYL.16-50	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type	Group Description	Used-In	Group Number	Page No

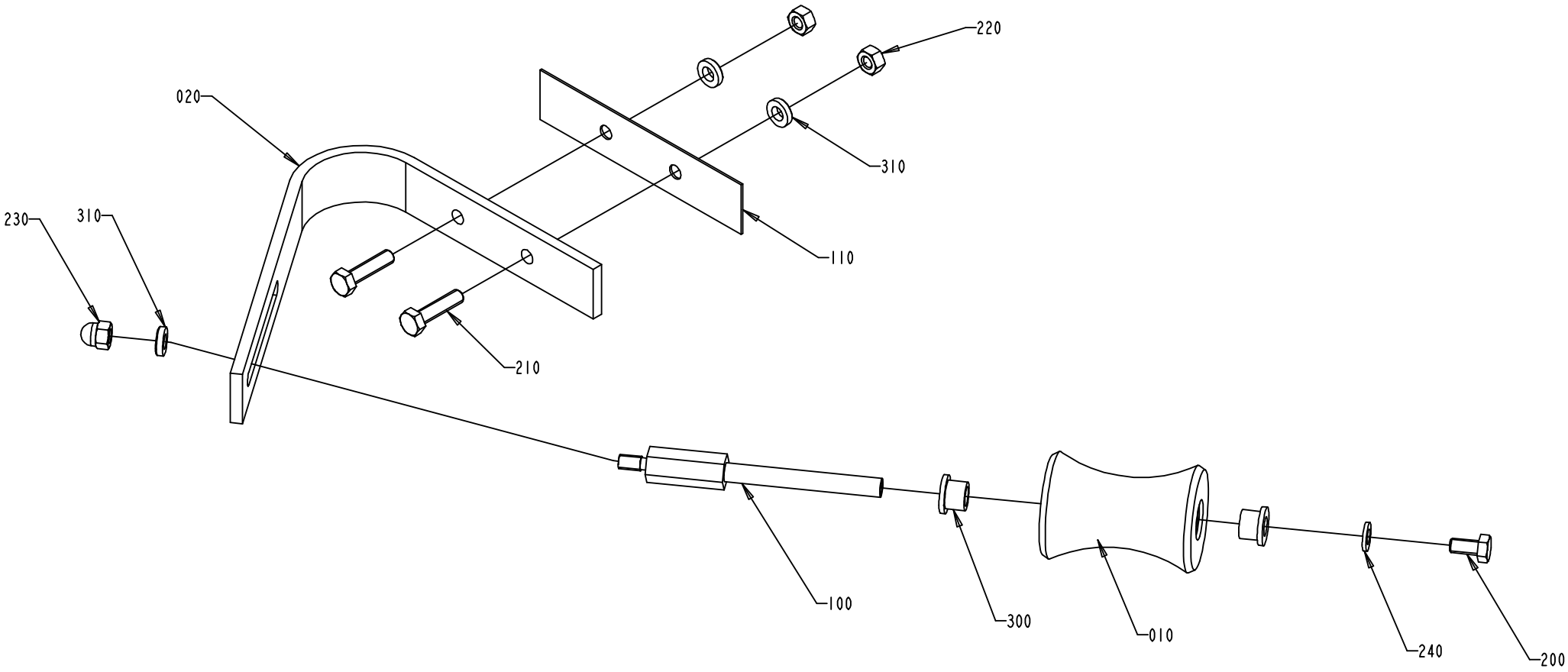


S-996428-3
ECN 72957

ECM: 111158 - 20020628
Group number: 996428-0300
Assembly Drawing: 996428-3_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036249-0000	-		2	ROLL	
050	1036242-0000	-		1	BEARING COVER	
060	1038377-0000	-		2	FLANGE	
070	1129076-0000	-		1	BRACKET	
080	1036247-0000	-		2	SLIDER	
090	1129075-0000	-		1	BLOCKING PIECE	
100	1036251-0000	-		2	GUIDE	
110	1038379-0000	-		1	ROD	
120	1038393-0000	-		1	ROD	
130	1129073-0000	-		1	ECCENTRIC	
140	1254059-0000	-		1	SHAFT	
150	1036257-0000	-		2	GUIDE	
200	1036243-0000	-		1	WASHER	
210	1036244-0000	-		1	GASKET	
220	1036248-0000	B		2	SCREW	
230	1036252-0000	B		2	SCREW	
240	1040813-0000	A		4	SLEEVE	
310	312105-0370	-		11	SCREW M6S ISO 4017 M6X20 A480	
320	312105-0343	-		4	SCREW M6S ISO 4014 M5X60 A480	
330	311112-0167	-		1	SPRING PIN, ISO 8752 2X14-C	
340	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
350	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
360	312105-0368	-		2	SCREW M6S M6X16 A280	
370	312318-0325	-		2	SCREW ISO4029 M5X10 A4	
380	315105-0153	-		4	WASHER BRB6,4X12RFR	
510	90240-0264	A		4	FLANGE BUSHING, 15X17X17 MM	
520	90240-0261	B		4	FLANGE BUSHING, 12X14X9 MM	
530	90091-0355	B		1	VARISEAL ROTO 12X20X3,6 MM	
540	1254057-0000	-		1	LID	
550	1254060-0000	-		1	WHEEL	
560	1254058-0000	-		1	HOUSE	
570	90287-0106	-		1	SCREW SPRINGLOAD. SLOTTED HEAD M10X21	
580	312318-0364	-		1	SCREW ISO4029 M6X10 A4	
590	315105-0146	-		6	BRICKA BRB5,3X10RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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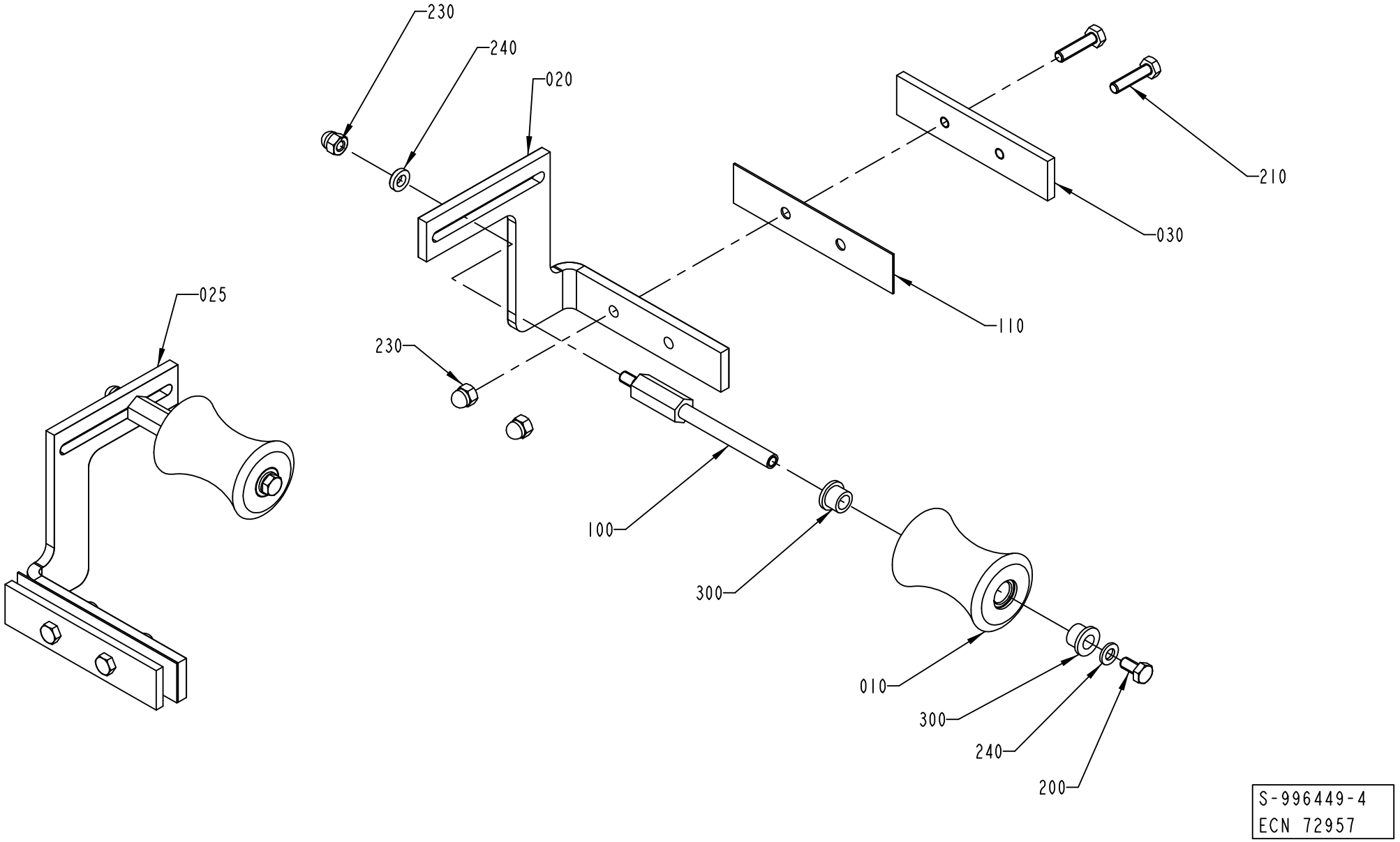
ECM: 118959 - 20021217
Group number: 996449-0100
Assembly Drawing: 996449-3_1_AA

This list covers pages from 30 to 33

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S, TPA 0250SQ (See drawing on page: 30)						
020	1334496-0000	A		2	BRACKET	
220	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
230	312705-0316	-		2	NUT HEX. DOMED CAP MHM-6 M6 A280	
310	315115-0153	-		6	WASHER PLAIN, TBRB 6,4/12 H=3	
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0250B, TPA 1000S, TBA 1500S, TPA 0330SQ, TPA 1000SQ, TPA 0500SQ (See drawing on page: 32)						
020	1346355-0000	A		1	BRACKET	
025	1346354-0000	A		1	BRACKET	
030	1350876-0000	-		2	PLATE	
230	312705-0316	-		6	NUT HEX. DOMED CAP MHM-6 M6 A280	
Common Parts						
010	1478359-0000	A		2	ROLLER	
100	458791-0000	A		2	SHAFT	
110	1036694-0000	A		2	GASKET	
200	312105-0366	-		2	SCREW M6S M6X12 A280	
210	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
240	315105-0153	-		4	WASHER BRB6,4X12RFR	
300	90240-0172	A		4	FLANGE BUSHING, 8X12X10 MM	

Pos	Part No	SP	UN	Qty	Description	Page No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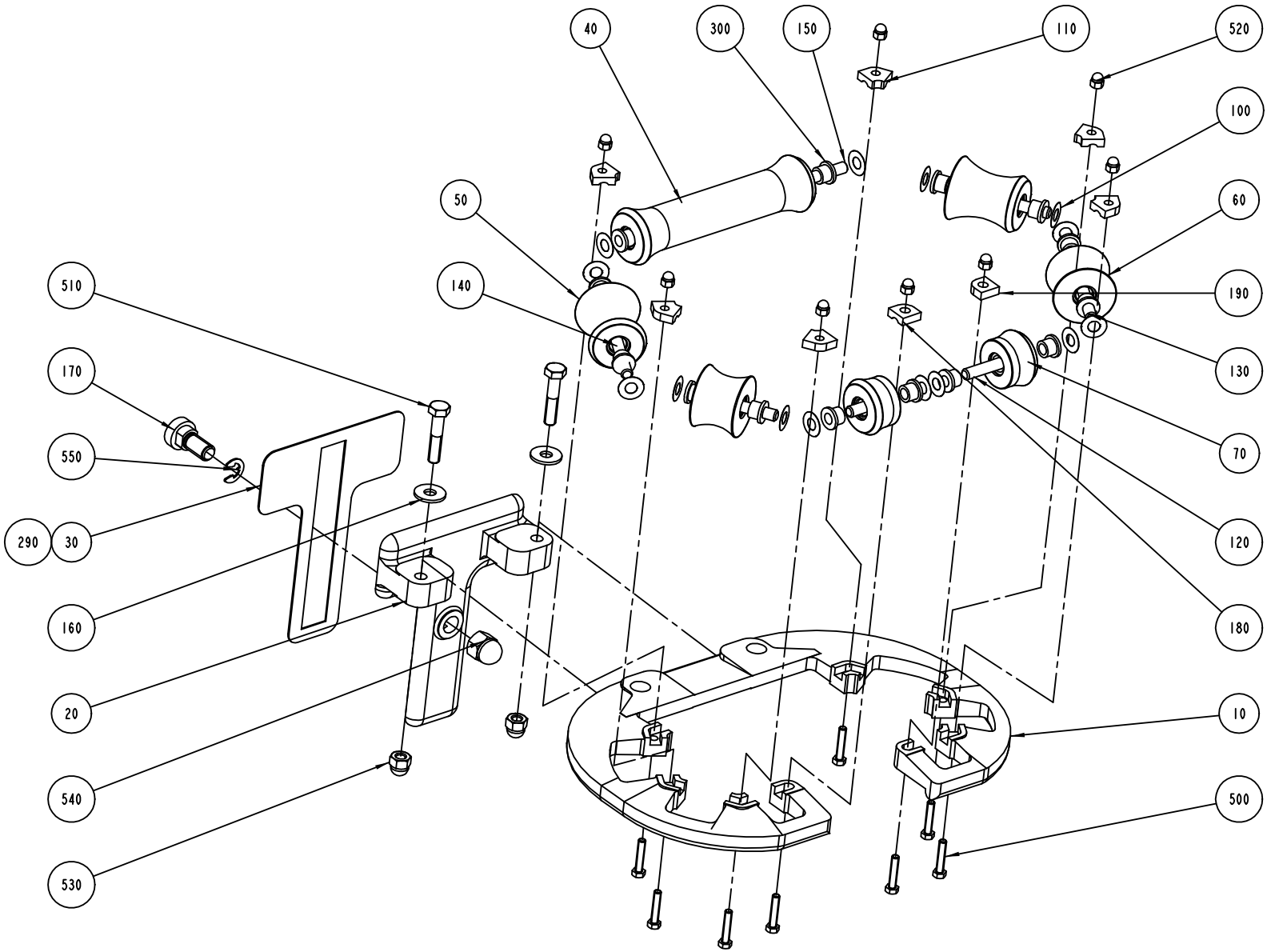
S-996449-4
ECN 72957

ECM: 118959 - 20021217
Group number: 996449-0100
Assembly Drawing: 996449-4_1_AB

This list covers pages from 30 to 33

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S, TPA 0250SQ (See drawing on page: 30)						
020	1334496-0000	A		2	BRACKET	
220	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
230	312705-0316	-		2	NUT HEX. DOMED CAP MHM-6 M6 A280	
310	315115-0153	-		6	WASHER PLAIN, TBRB 6,4/12 H=3	
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0250B, TPA 1000S, TBA 1500S, TPA 0330SQ, TPA 1000SQ, TPA 0500SQ (See drawing on page: 32)						
020	1346355-0000	A		1	BRACKET	
025	1346354-0000	A		1	BRACKET	
030	1350876-0000	-		2	PLATE	
230	312705-0316	-		6	NUT HEX. DOMED CAP MHM-6 M6 A280	
Common Parts						
010	1478359-0000	A		2	ROLLER	
100	458791-0000	A		2	SHAFT	
110	1036694-0000	A		2	GASKET	
200	312105-0366	-		2	SCREW M6S M6X12 A280	
210	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
240	315105-0153	-		4	WASHER BRB6,4X12RFR	
300	90240-0172	A		4	FLANGE BUSHING, 8X12X10 MM	

Pos	Part No	SP	UN	Qty	Description	Page No



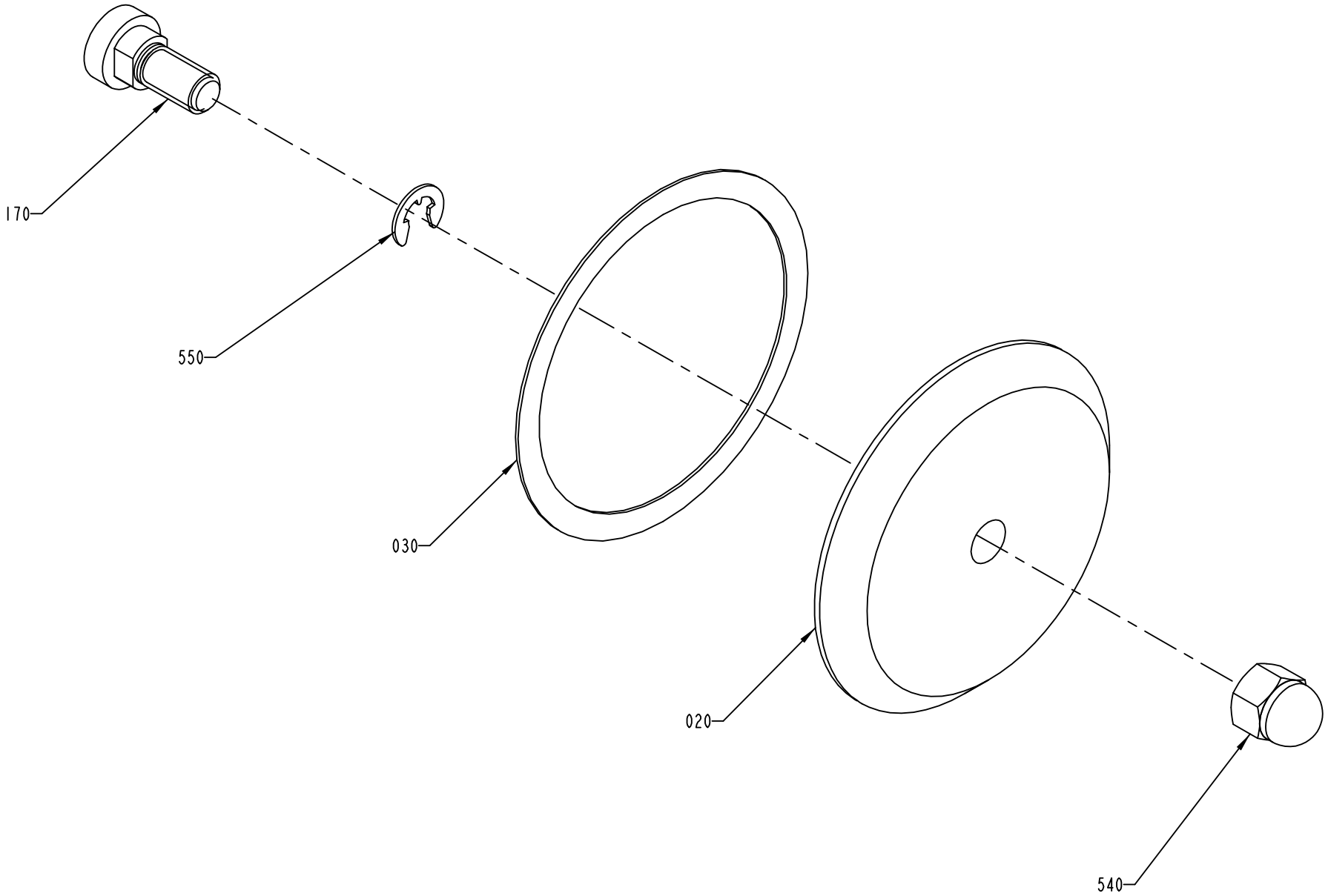
S-996392-I
ECN 72079

ECM: 118958 - 20021217
Group number: 996392-0200
Assembly Drawing: 996392-1_1_AC

This list covers pages from 34 to 41

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S, TPA 0250SQ (See drawing on page: 36)						
020	1347812-0000	-		1	LID	
030	1348073-0000	B		1	GASKET	
TBA 0250S (See drawing on page: 40)						
010	1296272-0000	-		1	UPPER TUBE SUPPORT	
020	1036286-0000	-		1	ANGLE BRACKET	
030	1036352-0000	B		1	GASKET	
040	1296279-0000	A		1	ROLLER	
050	1296280-0000	A		2	ROLLER	
060	1296281-0000	A		2	ROLLER	
100	2033-0011	A		10	WASHER	
110	1296275-0000	A		1	LOCKING PLATE	
115	1296273-0000	A		1	LOCKING PLATE	
140	752186-0002	A		4	SHAFT	
150	1296274-0000	A		1	SHAFT	
160	315125-0165	-		2	WASHER TBRSB 8,4X26X5 A4	
180	1296278-0000	A		1	LOCKING PLATE	
190	1296277-0000	A		1	LOCKING PLATE	
195	1296276-0000	A		1	LOCKING PLATE	
300	90240-0172	A		10	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
510	312109-0459	-		2	SCREW M6S ISO 4017 M8X40 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
TBA 0330S, TBA 0200B, TBA 0250B (See drawing on page: 38)						
010	1254083-0000	-		1	FORMING RING	
020	1036286-0000	-		1	ANGLE BRACKET	
030	1036352-0000	B		1	GASKET	
040	1254084-0000	A		2	ROLLER	
050	1254085-0000	A		1	ROLLER	
100	2033-0011	A		6	WASHER	
110	469044-0000	A		2	LOCK PLATE	
120	752186-0006	A		2	SHAFT	
150	752186-0017	A		1	SHAFT	
160	1036353-0000	-		2	WASHER	
180	1254086-0000	A		1	LOCK PLATE	
190	1254087-0000	A		1	LOCK PLATE	
300	90240-0172	A		6	FLANGE BUSHING, 8X12X10 MM	
500	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
510	312109-0459	-		2	SCREW M6S ISO 4017 M8X40 A480	
520	312705-0316	-		4	NUT HEX. DOMED CAP MHM-6 M6 A280	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
TBA 0500B, TBA 1000B, TBA 1500S (See drawing on page: 34)						
010	1255103-0000	-		1	FORMING RING	
020	1036286-0000	-		1	ANGLE BRACKET	
030	1036352-0000	B		1	GASKET	
040	1255180-0000	A		1	ROLLER	
050	1255110-0000	A		2	ROLLER	
060	1255179-0000	A		2	ROLLER	
070	1478360-0000	A		2	ROLLER	
100	2033-0011	A		14	WASHER	
110	490538-0000	A		6	LOCKING PLATE	
120	263655-0002	A		2	SHAFT	
130	752186-0004	A		2	SHAFT	
140	752186-0016	A		2	SHAFT	
150	752186-0017	A		1	SHAFT	
160	1036353-0000	-		2	WASHER	
180	1036359-0000	A		1	LOCK PLATE	
190	1038273-0000	A		1	LOCK PLATE	
300	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		8	SCREW M6S ISO 4017 M5X25 A480	
510	312105-0459	-		2	SCREW M6S ISO 4014 M8X40 A480	
520	312705-0314	-		8	NUT HEX. DOMED CAP MHM-6 M5 A280	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
TBA 0500S (See drawing on page: 34)						
010	1511718-0000	-		1	FORMING RING	
020	1036286-0000	-		1	ANGLE BRACKET	
030	1036352-0000	B		1	GASKET	
040	1511856-0000	A		1	ROLLER	
050	1511855-0000	A		2	ROLLER	
060	1511854-0000	A		2	ROLLER	
070	1511853-0000	A		2	ROLLER	
100	2033-0011	A		14	WASHER	
110	1512111-0000	A		6	LOCK PLATE	
120	752186-0003	A		2	SHAFT	
130	752186-0012	A		2	SHAFT	
140	263655-0023	A		2	SHAFT	
150	752186-0018	A		1	SHAFT	
160	1036353-0000	-		2	WASHER	
180	1036359-0000	A		1	LOCK PLATE	

Machine Type | Group Description | Used-In | Group Number | Page No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ECM: 118958 - 20021217
Group number: 996392-0200
Assembly Drawing: 996392-4_1_AA

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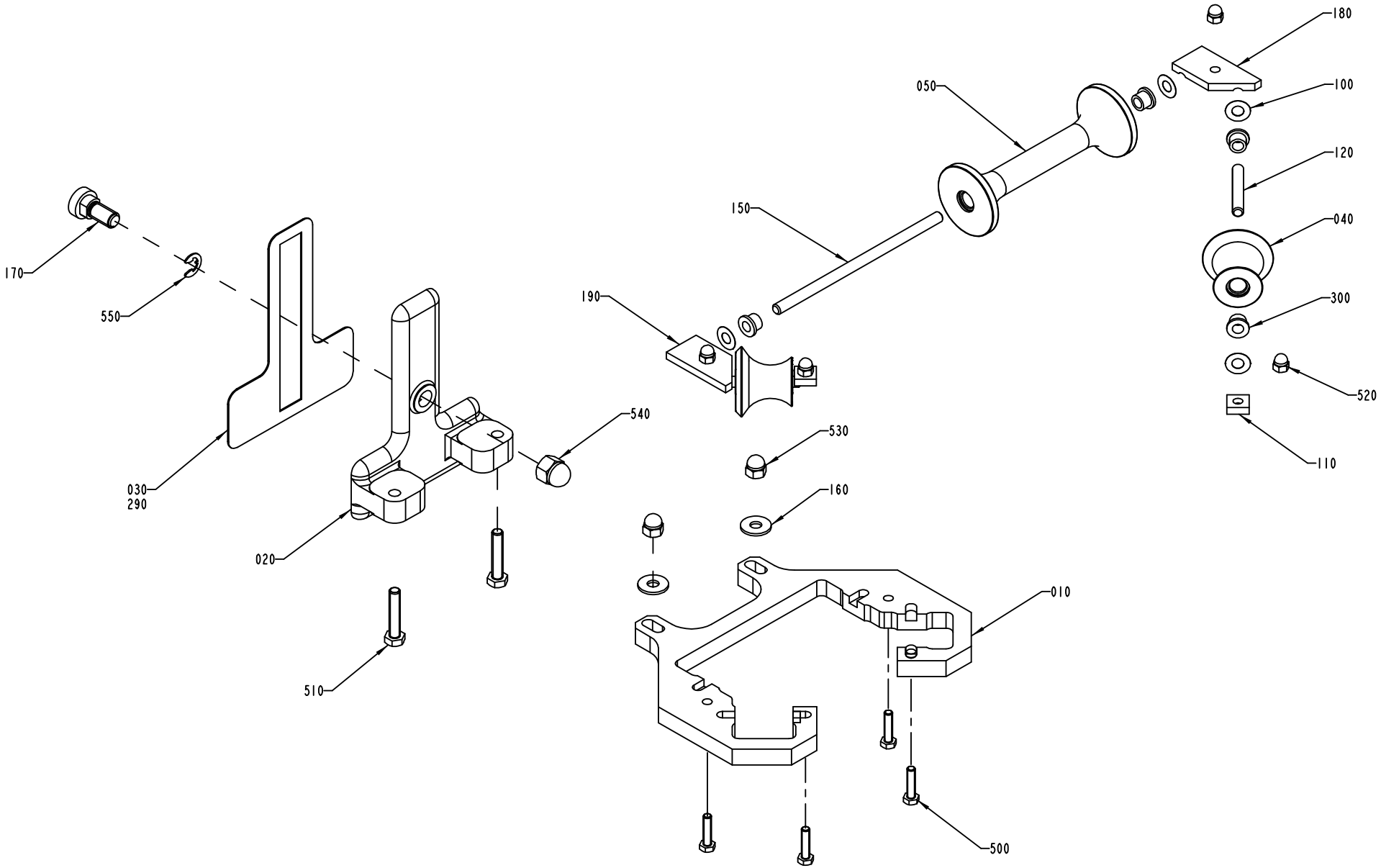
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S (Cont'd) (See drawing on page: 34)						
190	1038273-0000	A		1	LOCK PLATE	
300	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		8	SCREW M6S ISO 4017 M5X25 A480	
510	312105-0460	-		2	SCREW M6S ISO 4014 M8X45 A480	
520	312705-0314	-		8	NUT HEX. DOMED CAP MHM-6 M5 A280	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
TBA 1000S (See drawing on page: 34)						
010	1282649-0000	-		1	FORMING RING	
020	1036286-0000	-		1	ANGLE BRACKET	
030	1036352-0000	B		1	GASKET	
040	569095-0000	A		1	ROLLER	
050	569094-0000	A		2	ROLLER	
060	1041312-0000	A		2	ROLLER	
070	1478841-0000	A		2	ROLLER	
100	2033-0011	A		14	WASHER	
110	490538-0000	A		6	LOCKING PLATE	
120	263655-0002	A		2	SHAFT	
130	752186-0003	A		2	SHAFT	
140	263655-0012	A		2	SHAFT	
150	263655-0024	A		1	SHAFT	
160	1036353-0000	-		2	WASHER	
180	469081-0000	A		2	LOCK PLATE	
300	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		8	SCREW M6S ISO 4017 M5X25 A480	
510	312105-0460	-		2	SCREW M6S ISO 4014 M8X45 A480	
520	312705-0314	-		8	NUT HEX. DOMED CAP MHM-6 M5 A280	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
TBA 1000SQ (See drawing on page: 34)						
010	1498041-0000	-		1	FORMING RING	
020	1036286-0000	-		1	ANGLE BRACKET	
030	1036352-0000	B		1	GASKET	
040	1490439-0000	A		1	ROLLER	
050	1490438-0000	A		2	ROLLER	
060	1490440-0000	A		2	ROLLER	
070	1490441-0000	A		2	ROLLER	
100	2033-0011	A		14	WASHER	
110	490538-0000	A		6	LOCKING PLATE	
120	263655-0002	A		2	SHAFT	
130	752186-0003	A		2	SHAFT	
140	263655-0012	A		2	SHAFT	
150	263655-0024	A		1	SHAFT	
160	1036353-0000	-		2	WASHER	
180	469081-0000	A		2	LOCK PLATE	
300	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		8	SCREW M6S ISO 4017 M5X25 A480	
510	312105-0460	-		2	SCREW M6S ISO 4014 M8X45 A480	
520	312705-0314	-		8	NUT HEX. DOMED CAP MHM-6 M5 A280	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
TPA 0330SQ (See drawing on page: 38)						
010	1254083-0000	-		1	FORMING RING	
020	1036286-0000	-		1	ANGLE BRACKET	
030	1036352-0000	B		1	GASKET	
040	1532983-0000	A		2	ROLLER	
050	1532982-0000	A		1	ROLLER	
100	2033-0011	A		6	WASHER	
110	469044-0000	A		2	LOCK PLATE	
120	752186-0006	A		2	SHAFT	
150	752186-0017	A		1	SHAFT	
160	1036353-0000	-		2	WASHER	
180	1254086-0000	A		1	LOCK PLATE	
190	1254087-0000	A		1	LOCK PLATE	
300	90240-0172	A		6	FLANGE BUSHING, 8X12X10 MM	
500	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
510	312109-0459	-		2	SCREW M6S ISO 4017 M8X40 A480	
520	312705-0316	-		4	NUT HEX. DOMED CAP MHM-6 M6 A280	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
TPA 0500SQ (See drawing on page: 34)						
010	2503490-0000	-		1	FORMING RING	
020	1036286-0000	-		1	ANGLE BRACKET	
030	1036352-0000	B		1	GASKET	
040	2518122-0000	A		1	ROLLER	
050	2518120-0000	A		2	ROLLER	
060	2518121-0000	A		2	ROLLER	
070	2503494-0000	A		2	ROLLER	
100	2033-0007	A		14	WASHER	
110	1512111-0000	A		6	LOCK PLATE	
120	752186-0012	A		4	SHAFT	
130	752186-0002	A		2	SHAFT	
150	752186-0009	A		1	SHAFT	

Machine Type | Group Description | Used-In | Group Number | Page No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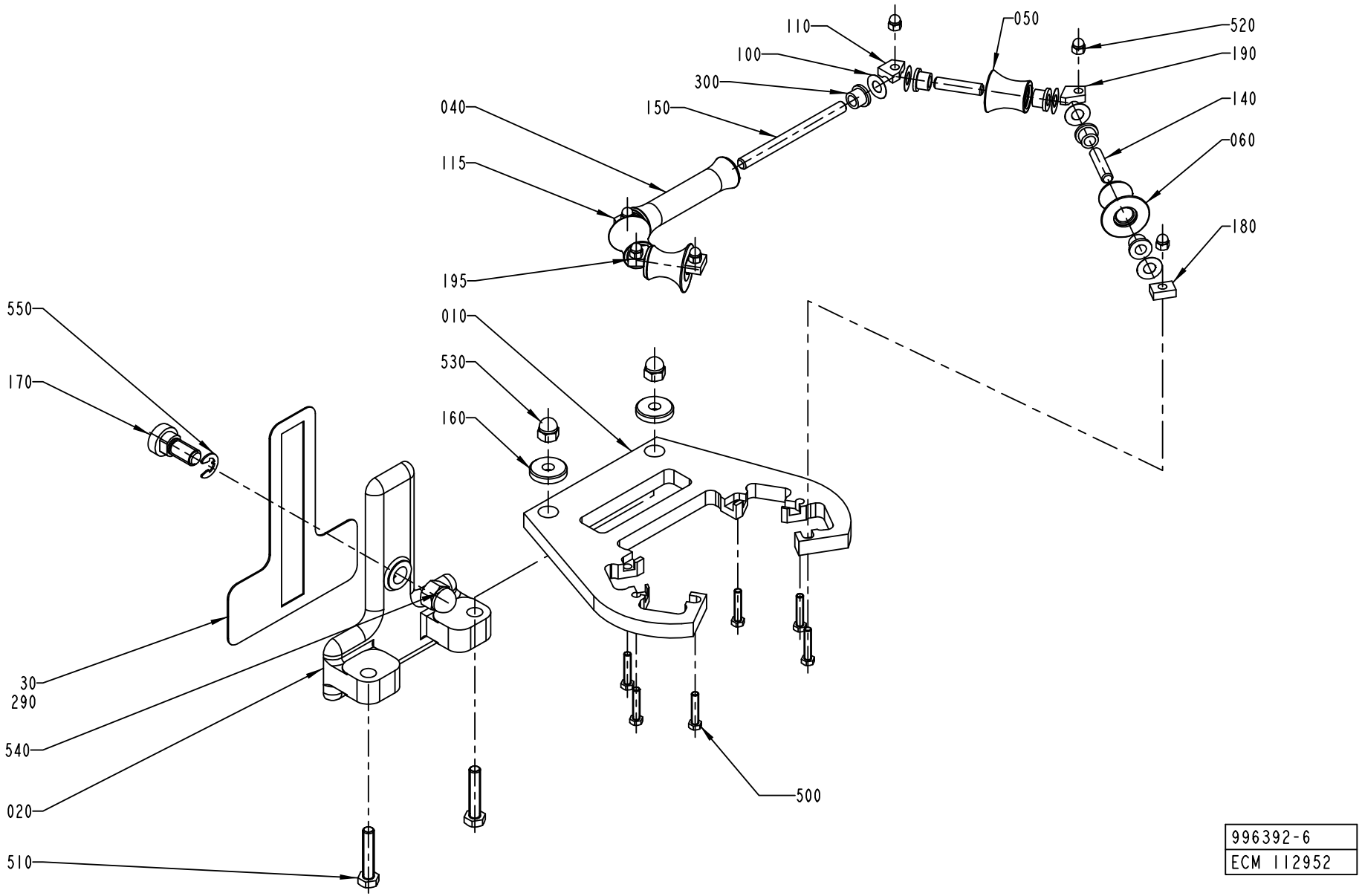
Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0500SQ (Cont'd) (See drawing on page: 34)						
160	1036353-0000	-		2	WASHER	
180	2503495-0000	A		2	LOCKING PLATE	
300	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0332	-		8	SCREW M6S ISO 4017 M5X22 A480	
510	312105-0459	-		2	SCREW M6S ISO 4014 M8X40 A480	
520	312705-0314	-		8	NUT HEX. DOMED CAP MHM-6 M5 A280	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
TPA 1000S (See drawing on page: 34)						
010	1255795-0000	-		1	FORMING RING	
020	1036286-0000	-		1	ANGLE BRACKET	
030	1036352-0000	B		1	GASKET	
040	752583-0000	A		1	ROLLER	
050	752584-0000	A		2	ROLLER	
060	1317950-0000	A		2	ROLLER	
070	1478842-0000	A		2	ROLLER	
100	2033-0008	A		14	WASHER	
110	1255885-0000	A		6	LOCK PLATE	
120	263655-0021	A		2	SHAFT	
130	263655-0012	A		2	SHAFT	
140	263655-0023	A		2	SHAFT	
150	263655-0024	A		1	SHAFT	
160	1036353-0000	-		2	WASHER	
180	1350883-0000	A		1	LOCK PLATE	
190	1350884-0000	A		1	LOCK PLATE	
300	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		8	SCREW M6S ISO 4017 M5X25 A480	
510	312105-0459	-		2	SCREW M6S ISO 4014 M8X40 A480	
520	312705-0314	-		8	NUT HEX. DOMED CAP MHM-6 M5 A280	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
TPA 1000SQ (See drawing on page: 34)						
010	1511718-0000	-		1	FORMING RING	
020	1036286-0000	-		1	ANGLE BRACKET	
030	1036352-0000	B		1	GASKET	
040	1524147-0000	A		1	ROLLER	
050	1524148-0000	A		2	ROLLER	
060	1524149-0000	A		2	ROLLER	
070	1524150-0000	A		2	ROLLER	
100	2033-0011	A		14	WASHER	
110	1512111-0000	A		6	LOCK PLATE	
120	752186-0003	A		2	SHAFT	
130	752186-0012	A		2	SHAFT	
140	263655-0023	A		2	SHAFT	
150	752186-0018	A		1	SHAFT	
160	1036353-0000	-		2	WASHER	
180	1036359-0000	A		1	LOCK PLATE	
190	1038273-0000	A		1	LOCK PLATE	
300	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		8	SCREW M6S ISO 4017 M5X25 A480	
510	312105-0460	-		2	SCREW M6S ISO 4014 M8X45 A480	
520	312705-0314	-		8	NUT HEX. DOMED CAP MHM-6 M5 A280	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
Common Parts						
170	1036354-0000	B		1	SCREW	
290	90153-0016	-		1	ADHESIVE,TUBE 100G RHODORSIL CAF 3	
540	312705-0322	-		1	NUT HEX. DOMED CAP MHM-6 M12 A2	
550	315755-0110	-		1	LOCKING WASHER 9	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996392-6
ECM 112952

ECM: 118958 - 20021217
Group number: 996392-0200
Assembly Drawing: 996392-6_1_AA

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Pos	Part No	SP	UN	Qty	Description	Page No
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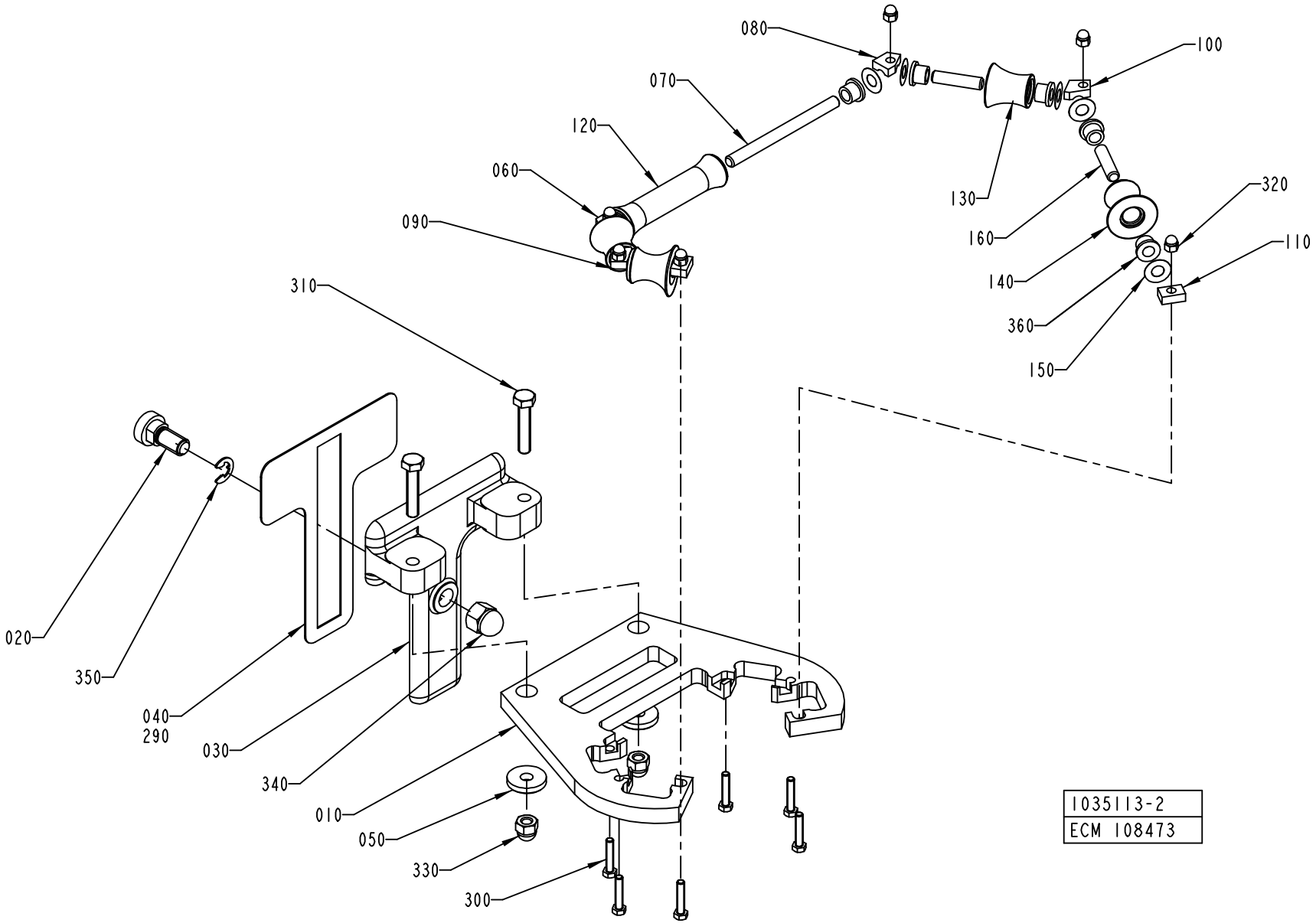
Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type	Group Description	Used-In	Group Number	Page No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1035113-2
ECM 108473

ECM: 118947 - 20021217
Group number: 1035113-0100
Assembly Drawing: 1035113-2_1_AD

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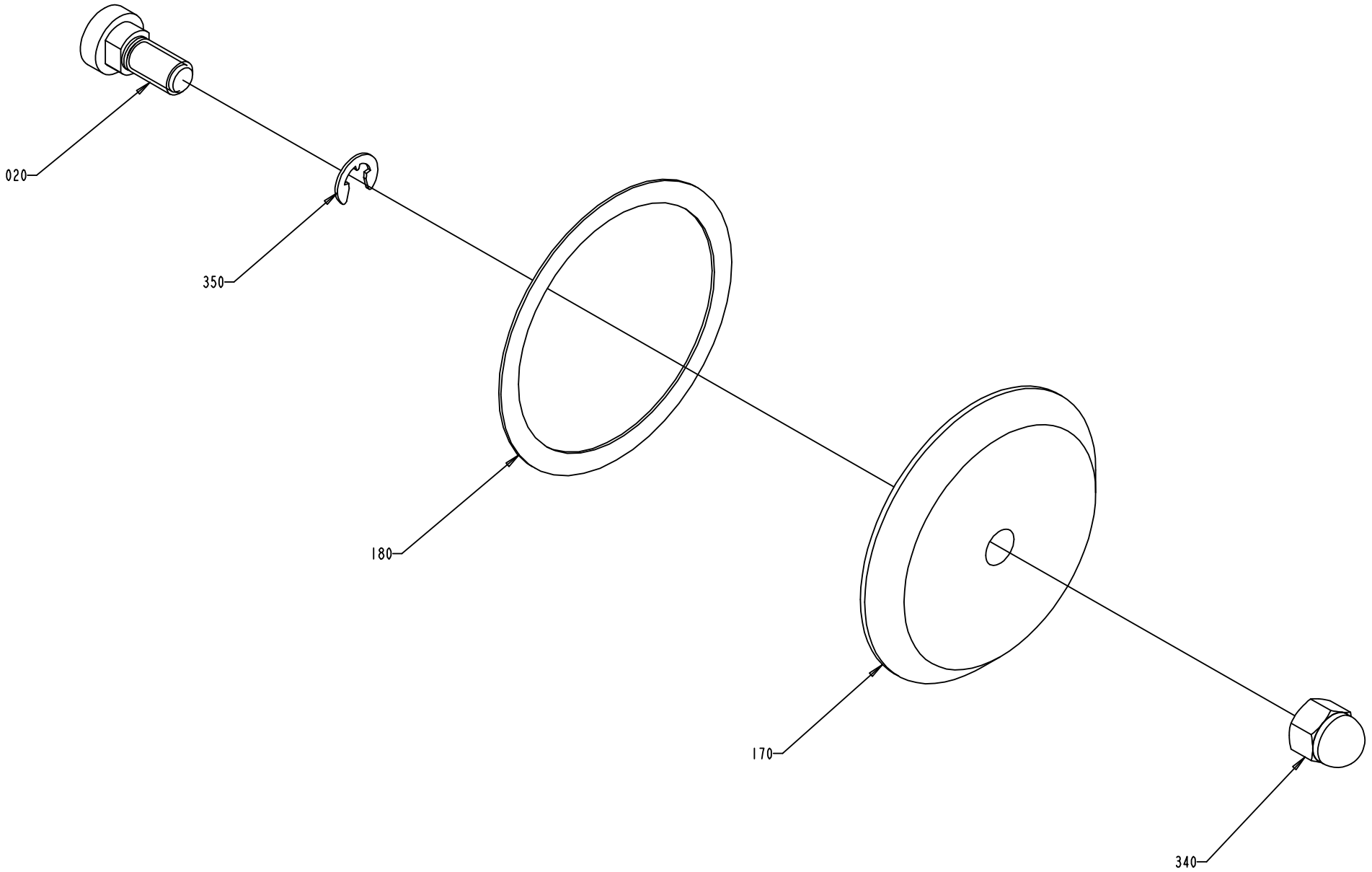
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S, TPA 0250SQ (See drawing on page: 42)						
010	1296272-0000	-		1	UPPER TUBE SUPPORT	
030	1036286-0000	-		1	ANGLE BRACKET	
040	1036352-0000	B		1	GASKET	
050	315125-0165	-		2	WASHER TBRSB 8,4X26X5 A4	
060	1296273-0000	A		1	LOCKING PLATE	
070	1296274-0000	A		1	SHAFT	
080	1296275-0000	A		1	LOCKING PLATE	
090	1296276-0000	A		1	LOCKING PLATE	
100	1296277-0000	A		1	LOCKING PLATE	
110	1296278-0000	A		2	LOCKING PLATE	
120	1296279-0000	A		1	ROLLER	
130	1296280-0000	A		2	ROLLER	
140	1296281-0000	A		2	ROLLER	
150	2033-0011	A		10	WASHER	
160	752186-0002	A		4	SHAFT	
290	90153-0016	-		1	ADHESIVE,TUBE 100G RHODORSIL CAF 3	
300	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
310	312109-0459	-		2	SCREW M6S ISO 4017 M8X40 A480	
320	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
330	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
360	90240-0172	A		10	FLANGE BUSHING, 8X12X10 MM	
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0250B, TPA 1000S, TBA 1500S, TPA 0330SQ, TPA 1000SQ, TPA 0500SQ (See drawing on page: 44)						
170	1036325-0000	-		1	LID	
180	1036327-0000	B		1	GASKET	
Common Parts						
020	1036354-0000	A		1	SCREW	
340	312705-0322	-		1	NUT HEX. DOMED CAP MHM-6 M12 A2	
350	315755-0110	-		1	LOCKING WASHER 9	

Pos	Part No	SP	UN	Qty	Description	Page No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ECM: 118947 - 20021217
Group number: 1035113-0100
Assembly Drawing: 1035113-3_1_AB

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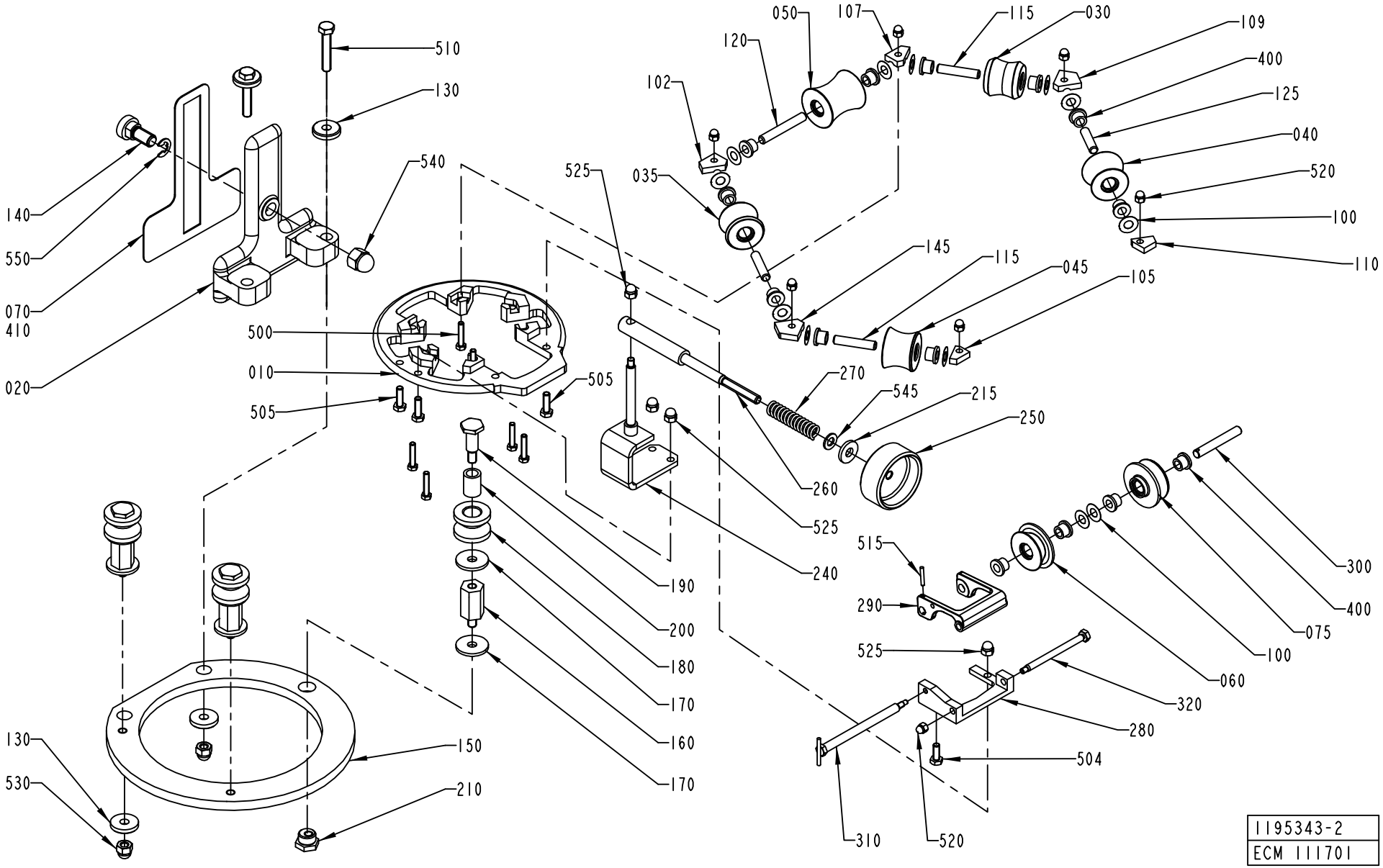
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S, TPA 0250SQ (See drawing on page: 42)						
010	1296272-0000	-		1	UPPER TUBE SUPPORT	
030	1036286-0000	-		1	ANGLE BRACKET	
040	1036352-0000	B		1	GASKET	
050	315125-0165	-		2	WASHER TBRSB 8,4X26X5 A4	
060	1296273-0000	A		1	LOCKING PLATE	
070	1296274-0000	A		1	SHAFT	
080	1296275-0000	A		1	LOCKING PLATE	
090	1296276-0000	A		1	LOCKING PLATE	
100	1296277-0000	A		1	LOCKING PLATE	
110	1296278-0000	A		2	LOCKING PLATE	
120	1296279-0000	A		1	ROLLER	
130	1296280-0000	A		2	ROLLER	
140	1296281-0000	A		2	ROLLER	
150	2033-0011	A		10	WASHER	
160	752186-0002	A		4	SHAFT	
290	90153-0016	-		1	ADHESIVE,TUBE 100G RHODORSIL CAF 3	
300	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
310	312109-0459	-		2	SCREW M6S ISO 4017 M8X40 A480	
320	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
330	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
360	90240-0172	A		10	FLANGE BUSHING, 8X12X10 MM	
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0250B, TPA 1000S, TBA 1500S, TPA 0330SQ, TPA 1000SQ, TPA 0500SQ (See drawing on page: 44)						
170	1036325-0000	-		1	LID	
180	1036327-0000	B		1	GASKET	
Common Parts						
020	1036354-0000	A		1	SCREW	
340	312705-0322	-		1	NUT HEX. DOMED CAP MHM-6 M12 A2	
350	315755-0110	-		1	LOCKING WASHER 9	

Pos	Part No	SP	UN	Qty	Description	Page No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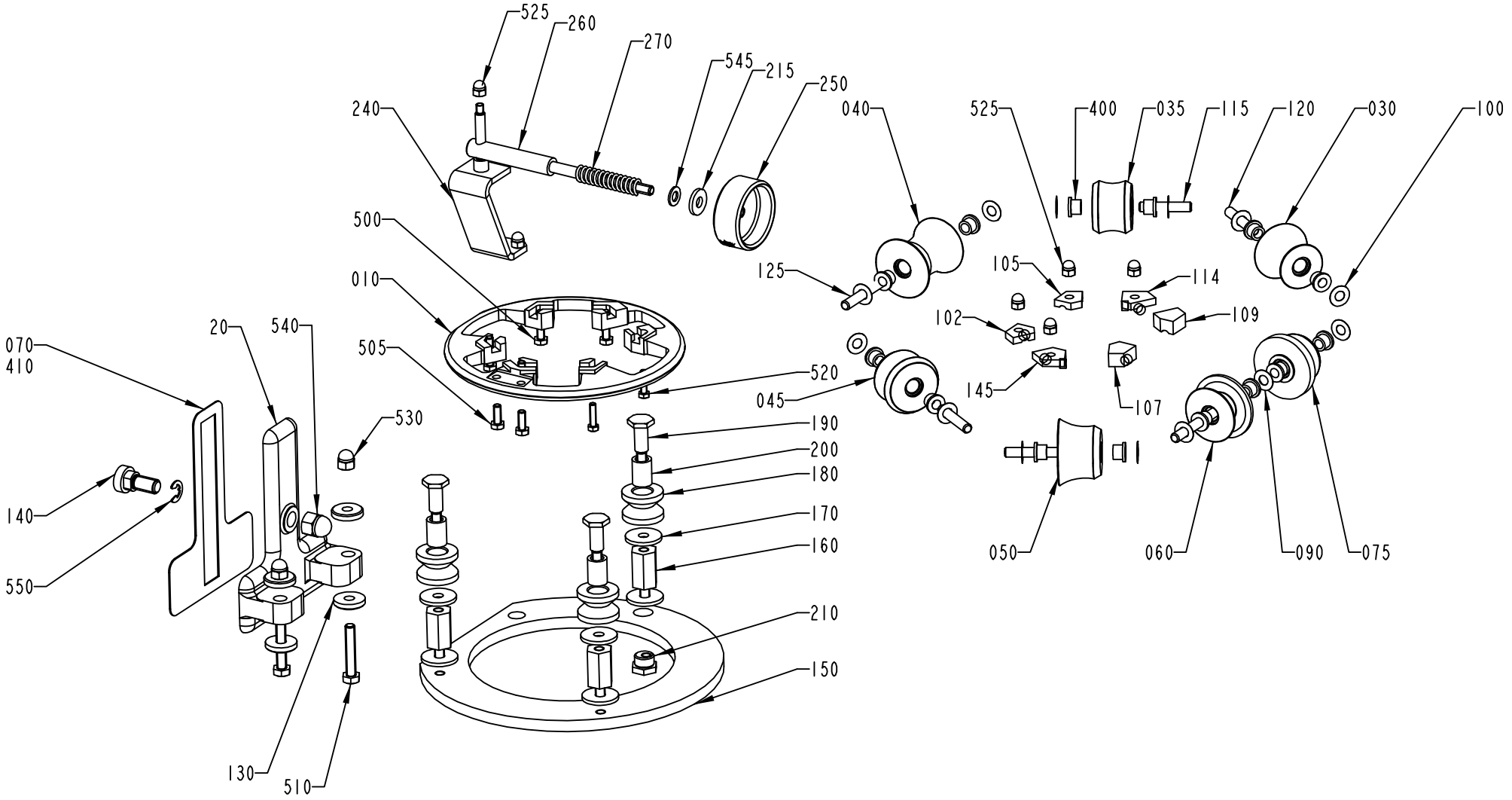
1195343-2
ECM 111701

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S (See drawing on page: 46)						
010	1260808-0000	-		1	UPPER FORMING RING	
030	1317940-0000	A		1	ROLLER	
035	1317936-0000	A		1	ROLLER	
040	1317942-0000	A		1	ROLLER	
045	1317930-0000	A		1	ROLLER	
050	1317938-0000	A		1	GUIDE ROLLER	
060	1334049-0000	A		1	GUIDE ROLLER	
075	1334050-0000	A		1	GUIDE ROLLER	
100	2033-0011	A		14	WASHER	
102	456869-0000	A		1	LOCKING PLATE	
105	1296051-0000	A		1	LOCKING PLATE	
107	1296053-0000	A		1	LOCKING PLATE	
109	1296052-0000	A		1	LOCKING PLATE	
110	1296050-0000	A		1	LOCKING PLATE	
115	752186-0003	A		3	SHAFT	
120	752186-0006	A		1	SHAFT	
125	752186-0002	A		1	SHAFT	
145	1037842-0000	A		1	LOCKING PLATE	
150	1195082-0000	-		1	RING	
240	1195083-0000	-		1	GUIDE PIN	
260	1195084-0000	-		1	ROD	
280	1260809-0000	-		1	HOLDER	
290	1260810-0000	-		1	BRACKET	
300	1282653-0000	A		1	SHAFT	
310	1282654-0000	A		1	SCREW	
320	1282655-0000	A		1	SCREW	
400	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
504	312105-0368	-		1	SCREW M6S M6X16 A280	
505	312105-0370	-		3	SCREW M6S ISO 4017 M6X20 A480	
510	312109-0460	-		2	SCREW M6S ISO 4017 M8X45 A480	
515	311103-0238	-		1	PARALLEL PIN ISO 2338 3M6X20 A1	
520	312705-0314	-		7	NUT HEX. DOMED CAP MHM-6 M5 A280	
525	312705-0316	-		4	NUT HEX. DOMED CAP MHM-6 M6 A280	
TBA 0250S (See drawing on page: 54)						
010	2514210-0000	-		1	FORMING RING	
030	2558819-0000	A		1	ROLLER	
035	2558820-0000	A		1	ROLLER	
040	2558821-0000	A		1	ROLLER	
045	2558822-0000	A		1	ROLLER	
050	2558823-0000	A		1	ROLLER	
060	2558824-0000	A		1	GUIDE ROLLER	
075	2558818-0000	A		1	GUIDE ROLLER	
090	2033-0007	A		1	WASHER	
100	2033-0011	A		12	WASHER	
110	2514208-0000	A		6	LOCKING PLATE	
120	752186-0005	A		6	SHAFT	
150	1195082-0000	-		1	RING	
240	1195083-0000	-		1	GUIDE PIN	
260	1195084-0000	-		1	ROD	
400	90240-0172	A		10	FLANGE BUSHING, 8X12X10 MM	
405	321157-0100	-		4	FLANGE BUSHING, 8X12X8 MM	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
505	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
510	312109-0460	-		2	SCREW M6S ISO 4017 M8X45 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
525	312705-0316	-		3	NUT HEX. DOMED CAP MHM-6 M6 A280	
TBA 0330S, TBA 0200B, TBA 0250B (See drawing on page: 48)						
010	1255010-0000	-		1	UPPER FORMING RING	
030	1549115-0000	A		1	ROLLER	
035	1549110-0000	A		1	ROLLER	
040	1549112-0000	A		1	ROLLER	
045	1549113-0000	A		1	ROLLER	
050	1549114-0000	A		1	ROLLER	
060	1549109-0000	A		1	ROLLER	
075	1549111-0000	A		1	ROLLER	
090	2033-0007	A		1	WASHER	
100	2033-0011	A		12	WASHER	
102	456183-0000	A		1	LOCKING PLATE	
105	456184-0000	A		1	LOCKING PLATE	
107	1255016-0000	A		1	LOCKING PLATE	
109	1255017-0000	A		1	LOCKING PLATE	
110	1038411-0000	A		1	LOCKING PLATE	
115	752186-0004	A		1	SHAFT	
120	752186-0005	A		3	SHAFT	
125	752186-0007	A		2	SHAFT	
145	1038412-0000	A		1	LOCKING PLATE	
150	1255011-0000	-		1	RING	
240	1255012-0000	-		1	GUIDE PIN	
260	1195084-0000	-		1	ROD	
400	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	

Machine Type | Group Description | Used-In | Group Number | Page No

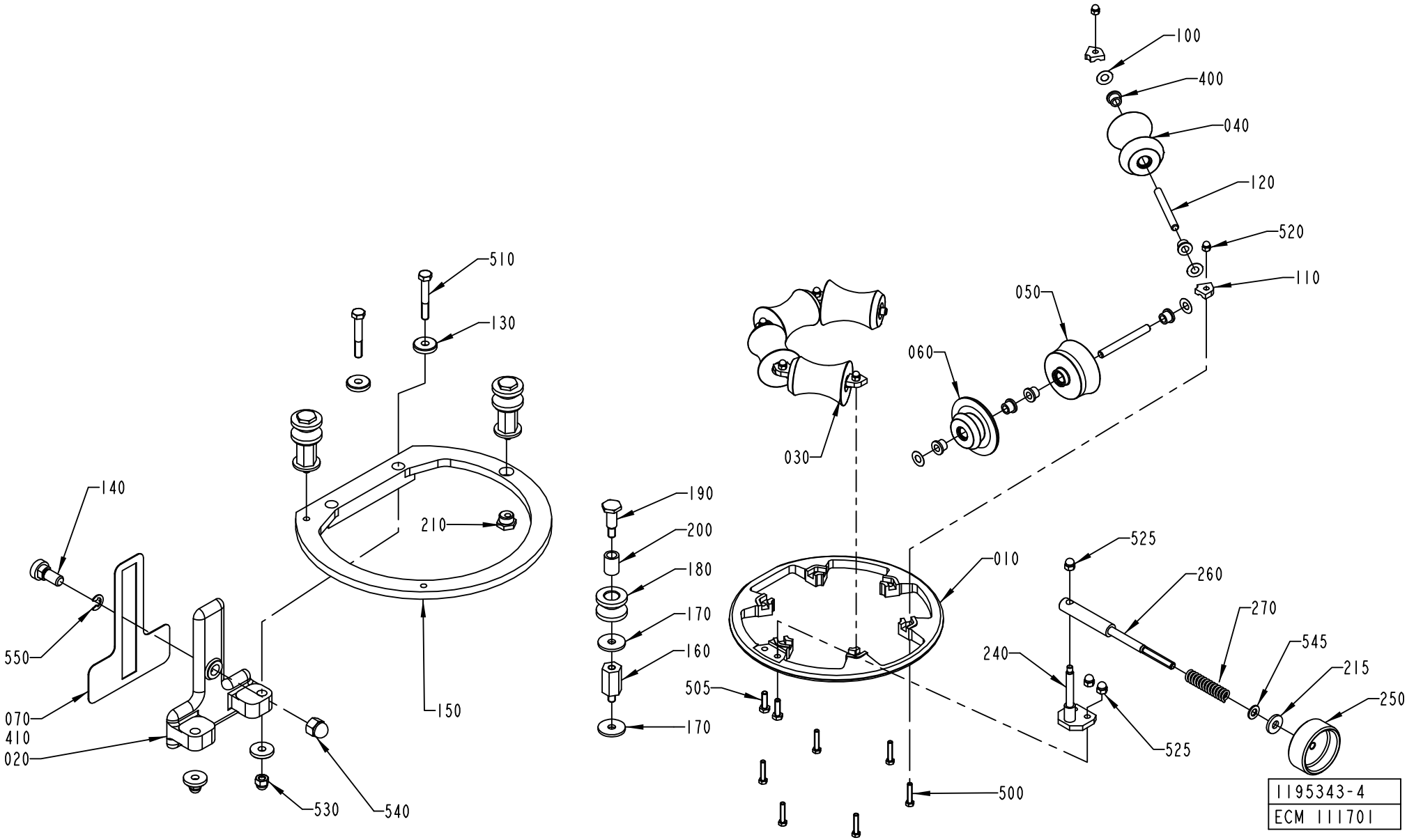


1195343-3
ECM 111701

ECM: 133795 - 20030611
Group number: 1195343-0300
Assembly Drawing: 1195343-3_1_AB

This list covers pages from 46 to 55

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S, TBA 0200B, TBA 0250B (Cont'd) (See drawing on page: 48)						
500	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
505	312105-0368	-		2	SCREW M6S M6X16 A280	
510	312109-0460	-		2	SCREW M6S ISO 4017 M8X45 A480	
520	312705-0314	-		2	NUT HEX. DOMED CAP MHM-6 M5 A280	
525	312705-0316	-		7	NUT HEX. DOMED CAP MHM-6 M6 A280	
TBA 0500B, TBA 1000B, TBA 1500S (See drawing on page: 50)						
010	1195338-0000	-		1	UPPER FORMING RING	
030	1195350-0000	A		4	ROLLER	
040	1195351-0000	A		1	ROLLER	
050	1346325-0000	A		1	ROLLER	
060	1282650-0000	A		1	GUIDE ROLLER	
100	2033-0011	A		14	WASHER	
110	490538-0000	A		6	LOCKING PLATE	
120	752186-0015	A		6	SHAFT	
150	1195340-0000	-		1	RING	
240	1195331-0000	-		1	GUIDE PIN	
260	1195339-0000	-		1	ROD	
400	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
505	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
510	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
520	312705-0314	-		4	NUT HEX. DOMED CAP MHM-6 M5 A280	
525	312705-0316	-		3	NUT HEX. DOMED CAP MHM-6 M6 A280	
TBA 0500S (See drawing on page: 50)						
010	1511034-0000	-		1	UPPER FORMING RING	
030	1511005-0000	A		4	ROLLER	
040	1511031-0000	A		1	ROLLER	
050	1511033-0000	A		1	ROLLER	
060	1511032-0000	A		1	ROLLER	
100	2033-0008	A		14	WASHER	
110	490538-0000	A		6	LOCKING PLATE	
120	569100-0000	A		6	SHAFT	
150	1195340-0000	-		1	RING	
240	1255882-0000	-		1	GUIDE PIN	
260	1255920-0000	-		1	ROD	
400	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0372	-		6	SCREW M6S ISO 4017 M6X25 A480	
505	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
510	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
525	312705-0316	-		9	NUT HEX. DOMED CAP MHM-6 M6 A280	
TBA 1000S (See drawing on page: 50)						
010	1260525-0000	-		1	UPPER FORMING RING	
030	1296040-0000	A		4	ROLLER	
040	1296039-0000	A		1	ROLLER	
050	1484204-0000	A		1	ROLLER	
060	1296041-0000	A		1	GUIDE ROLLER	
100	2033-0011	A		14	WASHER	
110	490538-0000	A		6	LOCKING PLATE	
120	263655-0009	A		6	SHAFT	
150	1195340-0000	-		1	RING	
240	1195331-0000	-		1	GUIDE PIN	
260	1195339-0000	-		1	ROD	
400	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
505	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
510	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
520	312705-0314	-		4	NUT HEX. DOMED CAP MHM-6 M5 A280	
525	312705-0316	-		3	NUT HEX. DOMED CAP MHM-6 M6 A280	
TBA 1000SQ (See drawing on page: 50)						
010	1260525-0000	-		1	UPPER FORMING RING	
030	1548531-0000	A		4	ROLLER	
040	1548540-0000	A		1	ROLLER	
050	1548541-0000	A		1	ROLLER	
060	1548542-0000	A		1	ROLLER	
100	2033-0011	A		14	WASHER	
110	490538-0000	A		6	LOCKING PLATE	
120	263655-0009	A		6	SHAFT	
150	1195340-0000	-		1	RING	
240	1195331-0000	-		1	GUIDE PIN	
260	1195339-0000	-		1	ROD	
400	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
505	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
510	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
520	312705-0314	-		7	NUT HEX. DOMED CAP MHM-6 M5 A280	
525	312705-0316	-		3	NUT HEX. DOMED CAP MHM-6 M6 A280	
TPA 0250SQ (See drawing on page: 54)						
010	2514210-0000	-		1	FORMING RING	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1195343-4
ECM 111701

ECM: 133795 - 20030611
Group number: 1195343-0300
Assembly Drawing: 1195343-4_1_AB

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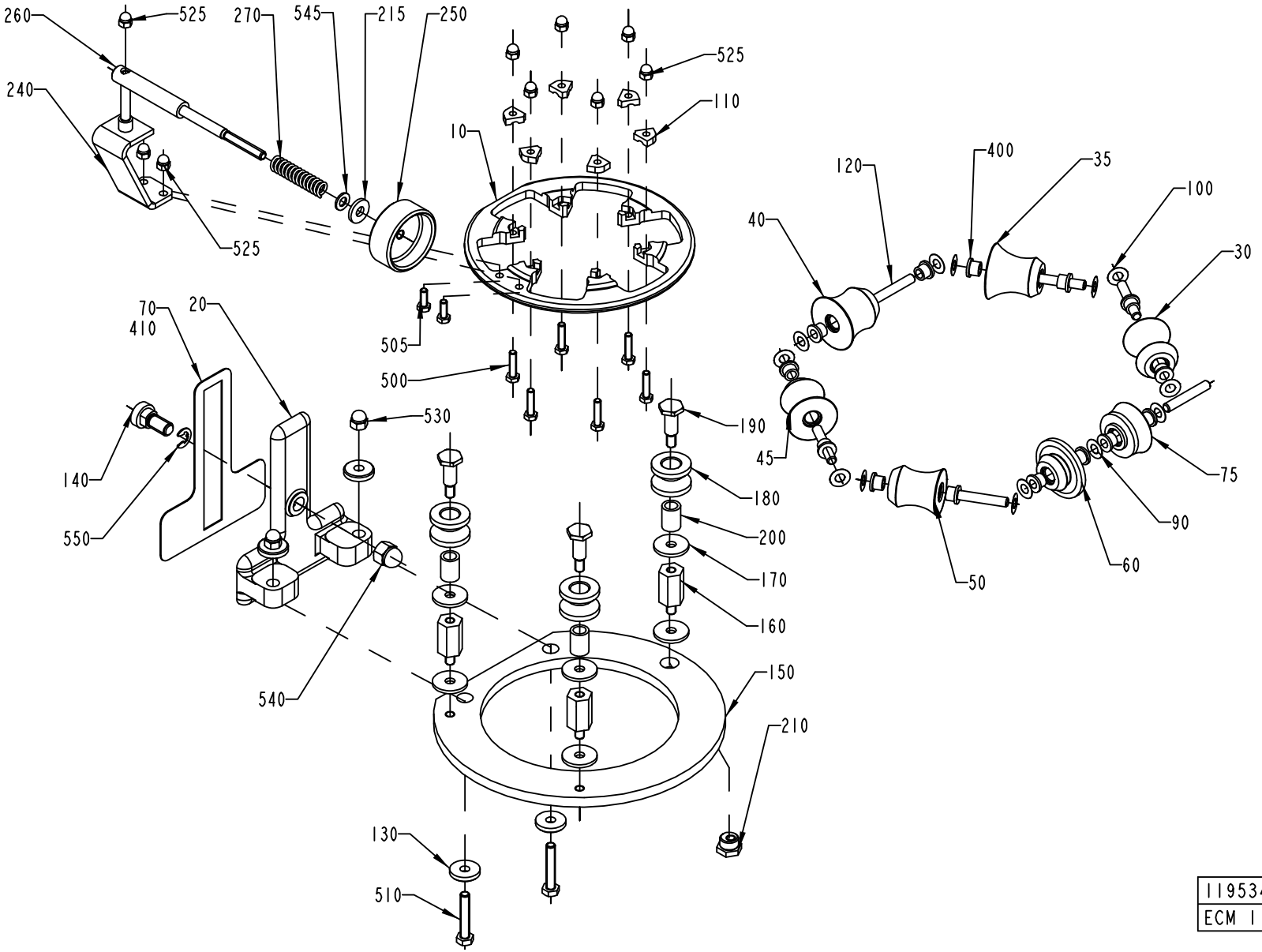
Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0250SQ (Cont'd) (See drawing on page: 54)						
030	2514411-0000	A		1	ROLLER	
035	2514409-0000	A		1	ROLLER	
040	2514412-0000	A		1	ROLLER	
045	2514408-0000	A		1	ROLLER	
050	2514410-0000	A		1	ROLLER	
060	2514414-0000	A		1	ROLLER	
075	2514413-0000	A		1	ROLLER	
090	2033-0007	A		1	WASHER	
100	2033-0011	A		12	WASHER	
110	2514208-0000	A		6	LOCKING PLATE	
120	752186-0005	A		6	SHAFT	
150	1195082-0000	-		1	RING	
240	1195083-0000	-		1	GUIDE PIN	
260	1195084-0000	-		1	ROD	
400	90240-0172	A		10	FLANGE BUSHING, 8X12X10 MM	
405	321157-0100	-		4	FLANGE BUSHING, 8X12X8 MM	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
505	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
510	312109-0460	-		2	SCREW M6S ISO 4017 M8X45 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
525	312705-0316	-		3	NUT HEX. DOMED CAP MHM-6 M6 A280	
TPA 0330SQ (See drawing on page: 52)						
010	1538251-0000	-		1	UPPER FORMING RING	
030	1532984-0000	A		1	ROLLER	
035	1532985-0000	A		1	ROLLER	
040	1532986-0000	A		1	ROLLER	
045	1532987-0000	A		1	ROLLER	
050	1532988-0000	A		1	ROLLER	
060	1532989-0000	A		1	ROLLER	
075	1532990-0000	A		1	GUIDE ROLLER	
090	2033-0007	A		1	WASHER	
100	2033-0011	A		12	WASHER	
110	1538266-0000	A		6	LOCKING PLATE	
120	752186-0019	A		6	SHAFT	
150	1255011-0000	-		1	RING	
240	1255012-0000	-		1	GUIDE PIN	
260	1195084-0000	-		1	ROD	
400	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
505	312105-0368	-		2	SCREW M6S M6X16 A280	
510	312109-0460	-		2	SCREW M6S ISO 4017 M8X45 A480	
525	312705-0316	-		9	NUT HEX. DOMED CAP MHM-6 M6 A280	
TPA 0500SQ (See drawing on page: 52)						
010	2555309-0000	-		1	UPPER FORMING RING	
030	2555403-0000	A		1	ROLLER	
035	2555402-0000	A		1	ROLLER	
040	2555401-0000	A		1	ROLLER	
045	2555400-0000	A		1	ROLLER	
050	2555399-0000	A		1	ROLLER	
060	2555398-0000	A		1	GUIDE ROLLER	
075	2555397-0000	A		1	GUIDE ROLLER	
100	2033-0007	A		13	WASHER	
110	2555396-0000	A		6	LOCKING PLATE	
120	752186-0006	A		6	SHAFT	
150	1195340-0000	-		1	RING	
240	2514778-0000	-		1	GUIDE PIN	
260	1195084-0000	-		1	ROD	
400	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0372	-		6	SCREW M6S ISO 4017 M6X25 A480	
505	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
510	312109-0460	-		2	SCREW M6S ISO 4017 M8X45 A480	
525	312705-0316	-		9	NUT HEX. DOMED CAP MHM-6 M6 A280	
TPA 1000S (See drawing on page: 50)						
010	1255793-0000	-		1	UPPER FORMING RING	
030	1350279-0000	A		4	ROLLER	
040	1350277-0000	A		1	ROLLER	
050	1484206-0000	A		1	ROLLER	
060	1350283-0000	A		1	GUIDE ROLLER	
100	2033-0008	A		14	WASHER	
110	1255881-0000	A		6	LOCKING PLATE	
120	263655-0009	A		6	SHAFT	
150	1195340-0000	-		1	RING	
240	1255882-0000	-		1	GUIDE PIN	
260	1255920-0000	-		1	ROD	
400	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0372	-		6	SCREW M6S ISO 4017 M6X25 A480	
505	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
510	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
525	312705-0316	-		9	NUT HEX. DOMED CAP MHM-6 M6 A280	

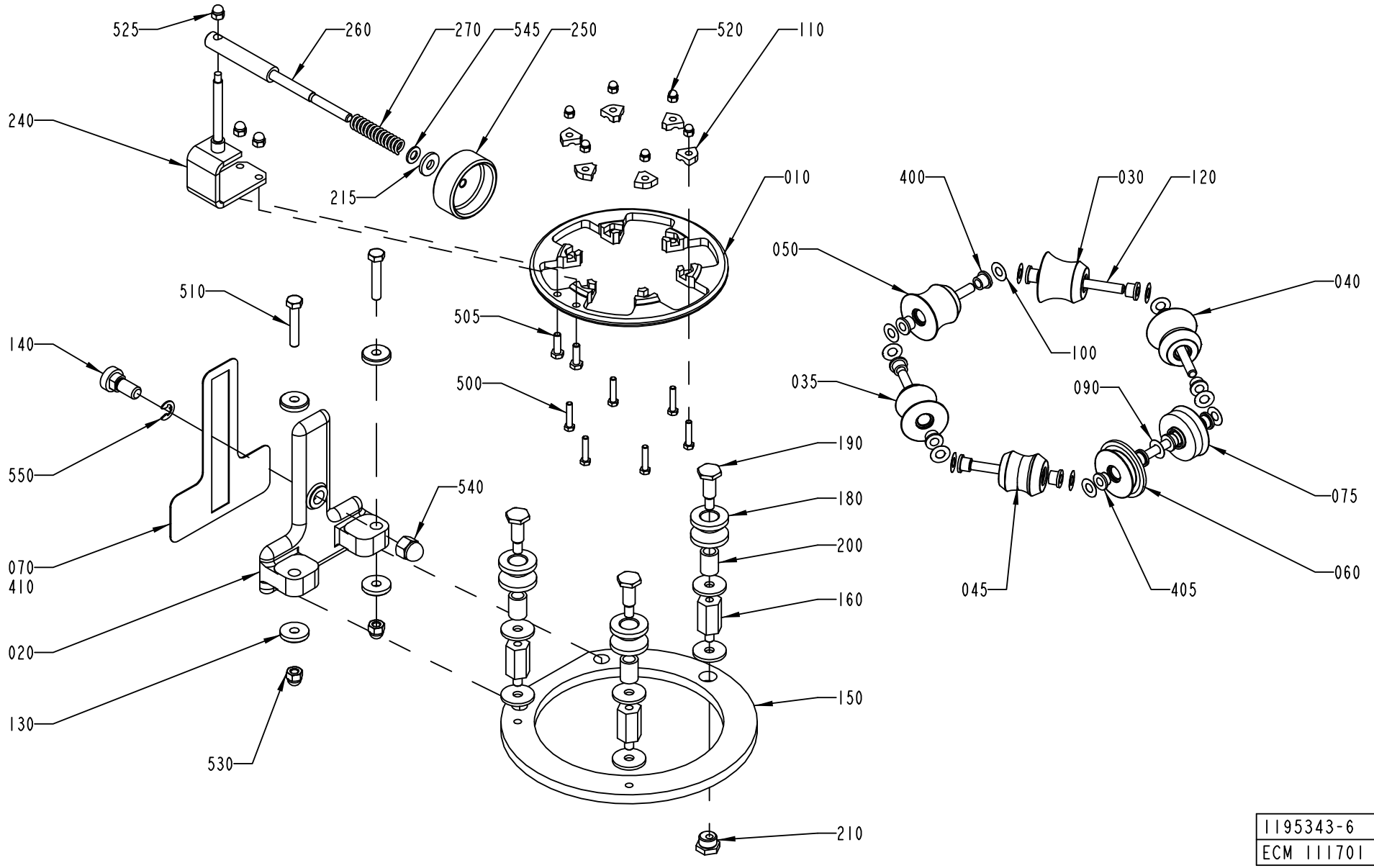
Machine Type | Group Description | Used-In | Group Number | Page No



1195343-5
ECM 111701

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000SQ (Cont'd) (See drawing on page: 52)						
010	1511034-0000	-		1	UPPER FORMING RING	
030	1524151-0000	A		2	ROLLER	
035	1524152-0000	A		2	ROLLER	
040	1524153-0000	A		1	GUIDE ROLLER	
060	1524155-0000	A		1	GUIDE ROLLER	
075	1524154-0000	A		1	ROLLER	
100	2033-0011	A		14	WASHER	
110	490538-0000	A		6	LOCKING PLATE	
120	569100-0000	A		6	SHAFT	
150	1195340-0000	-		1	RING	
240	1195331-0000	-		1	GUIDE PIN	
260	1255920-0000	-		1	ROD	
400	90240-0172	A		14	FLANGE BUSHING, 8X12X10 MM	
500	312105-0372	-		6	SCREW M6S ISO 4017 M6X25 A480	
505	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
510	312109-0460	-		2	SCREW M6S ISO 4017 M8X45 A480	
525	312705-0316	-		9	NUT HEX. DOMED CAP MHM-6 M6 A280	
Common Parts						
020	1036286-0000	-		1	ANGLE BRACKET	
070	1036352-0000	-		1	GASKET	
130	315125-0165	-		4	WASHER TBRSB 8,4X26X5 A4	
140	1036354-0000	-		1	SCREW	
160	1147084-0000	A		3	SPACER SCREW	
170	28037-0000	A		6	WASHER	
180	436302-0000	A		3	ROLLER	
190	436355-0000	A		3	REAMED BOLT	
200	436356-0000	A		3	BUSHING	
210	436357-0000	-		1	NUT	
215	436403-0000	-		1	WASHER	
250	257090-0000	-		1	SHIFTER HANDLE	
270	1881-0001	A		1	COMPRESSION SPRING	
410	90153-0016	-		1	ADHESIVE,TUBE 100G RHODORSIL CAF 3	
530	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
540	312705-0322	-		1	NUT HEX. DOMED CAP MHM-6 M12 A2	
545	315105-0165	-		1	WASHER BRB8,4X16RFR	
550	315755-0110	-		1	LOCKING WASHER 9	

Pos	Part No	SP	UN	Qty	Description	Page No



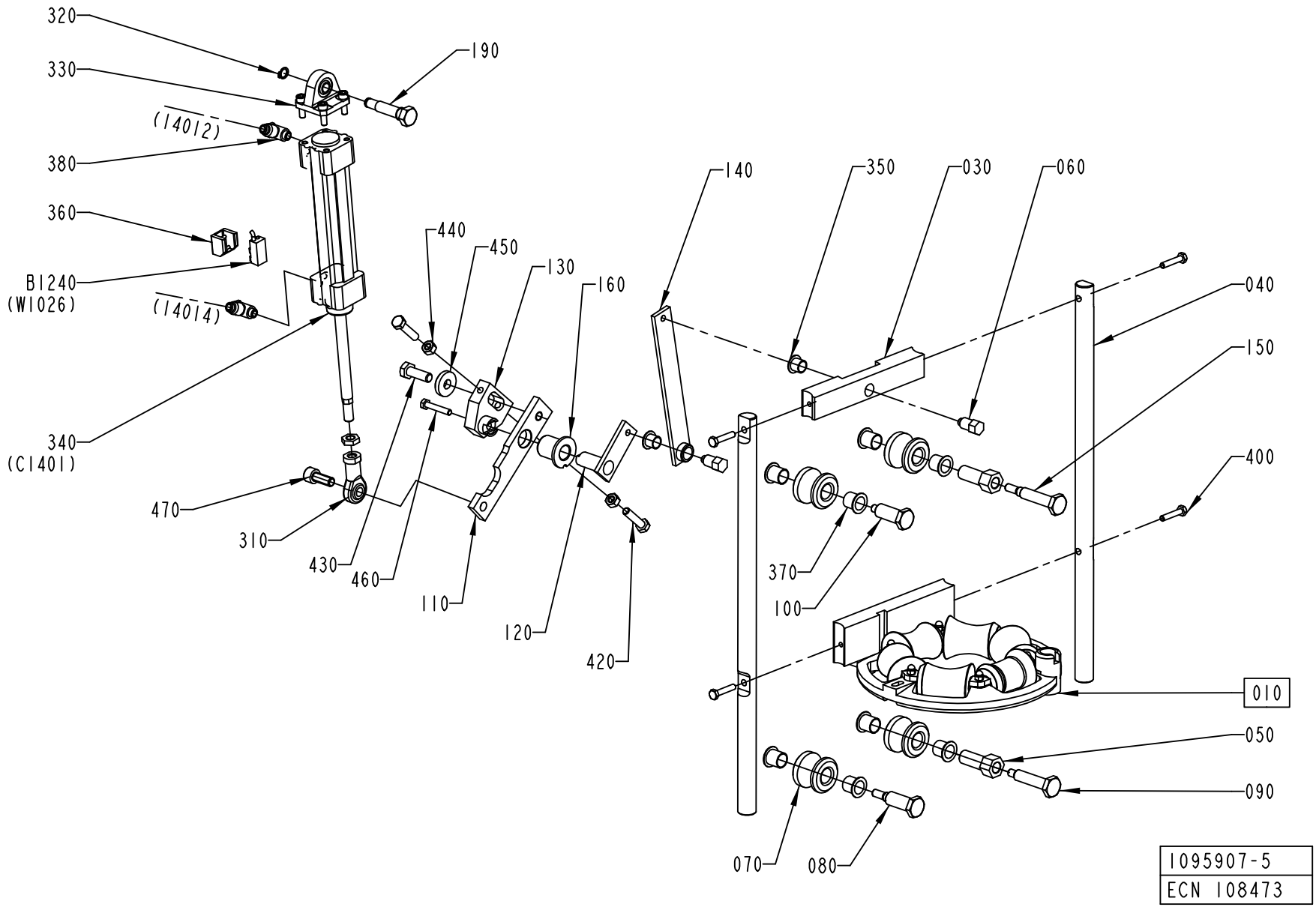
1195343-6
ECM 111701

ECM: 133795 - 20030611
Group number: 1195343-0300
Assembly Drawing: 1195343-6_1_AA

This list covers pages from 46 to 55

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 47, 49, 51, 53.						

Pos	Part No	SP	UN	Qty	Description	Page No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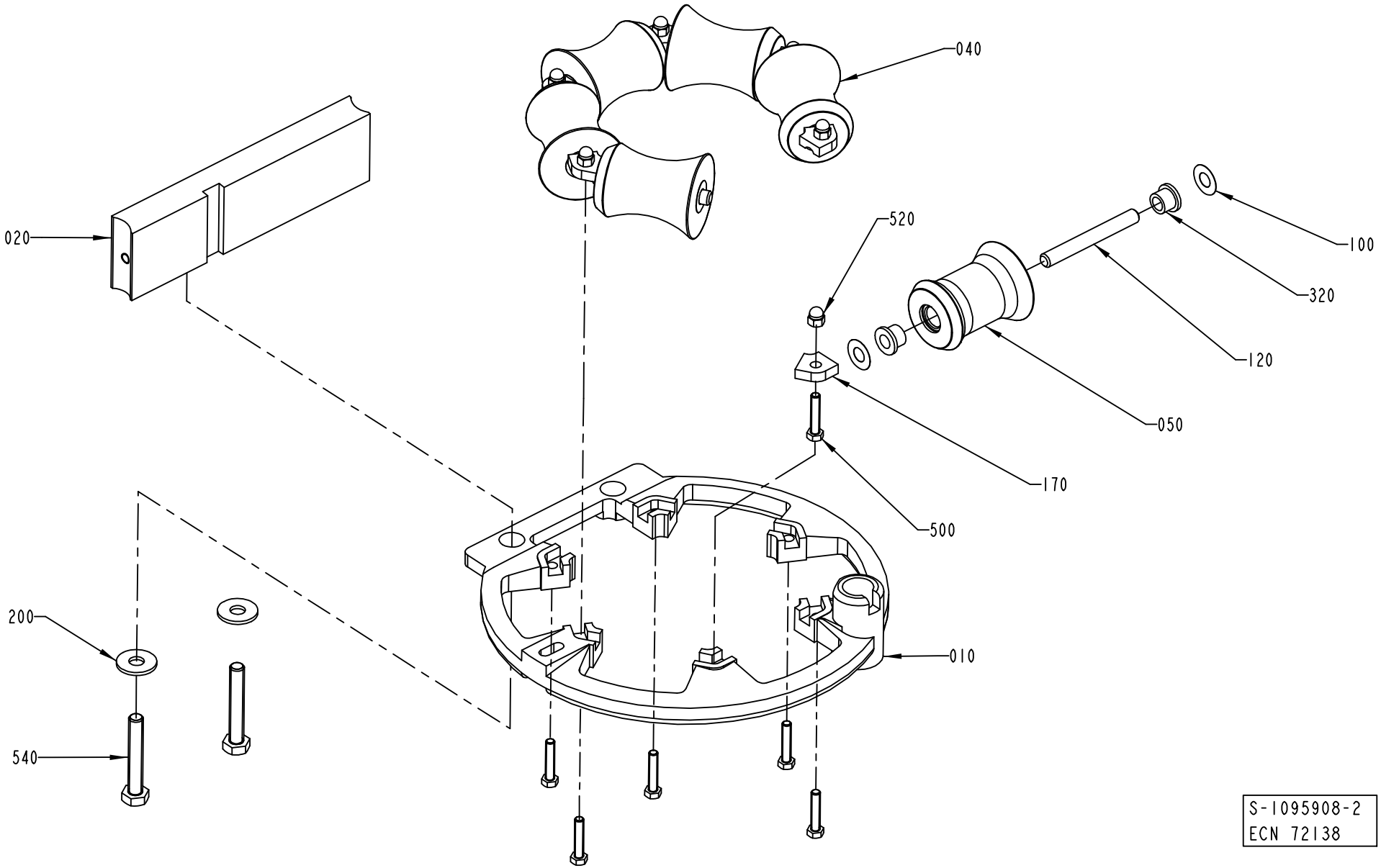
1095907-5
ECN 108473

ECM: 110622 - 20020922
Group number: 1095907-0300
Assembly Drawing: 1095907-5_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095908-0300	-		1	FORMING RING	**59, 61**
030	1478419-0000	-		1	DISTANCE PIECE LOCK	
040	1349435-0000	B		2	GUIDE ROD	
050	1478729-0000	B		2	ECCENTRIC BUSHING	
060	1129517-0000	A		2	SCREW	
070	1478724-0000	B		4	ROLLER	
080	1478726-0000	B		1	DOWEL	
090	1478728-0000	B		1	DOWEL	
100	1478725-0000	B		1	DOWEL	
110	1348183-0000	-		1	ARM	
120	1116039-0000	-		1	ARM	
130	1348182-0000	-		1	LEVER	
140	1478575-0000	-		1	LEVER BAR	
150	1478727-0000	B		1	DOWEL	
160	1346983-0000	A		1	BEARING BUSHING	
190	2553249-0000	A		1	SCREW	
310	90450-0723	A		1	ROD END,BALL JOINT EYE M10X1,25	
320	90141-0016	-		1	RETAIN. RING, 10	
330	90450-0756	A		1	BRACKET, REAR EYE 32	
340	90450-0282	A		1	DOUBLE ACTING,PROFILE,CYL 32-100	
350	90240-0262	A		2	FLANGE BUSHING, 12X14X12 MM	
360	90450-0669	-		1	SENSOR, BRACKET SERIES 168	
370	90240-0264	A		8	FLANGE BUSHING, 15X17X17 MM	
380	90235-0288	A		2	THROTTLE CHECK VALVE G1/8" MANUAL, 6	
400	312109-0374	-		4	SCREW M6S ISO 4017 M6X30 A480	
420	312109-0457	-		2	SCREW M6S ISO 4017 M8X35 A480	
430	312105-0495	-		1	SCREW M6S ISO 4017 M10X30 A480	
440	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
450	315125-0173	-		1	WASHER TBRSB 10,5X28X6 A4	
460	312109-0376	-		1	SCREW M6S ISO 4017 M6X35 A480	
470	312115-0493	-		1	SCREW ISO4762 M10X25 A4	
B1240	90044-0116	A		1	CYLINDER,SENSOR	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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S-1095908-2
ECN 72138

ECM: 118950 - 20021217
Group number: 1095908-0300
Assembly Drawing: 1095908-2_1_AA

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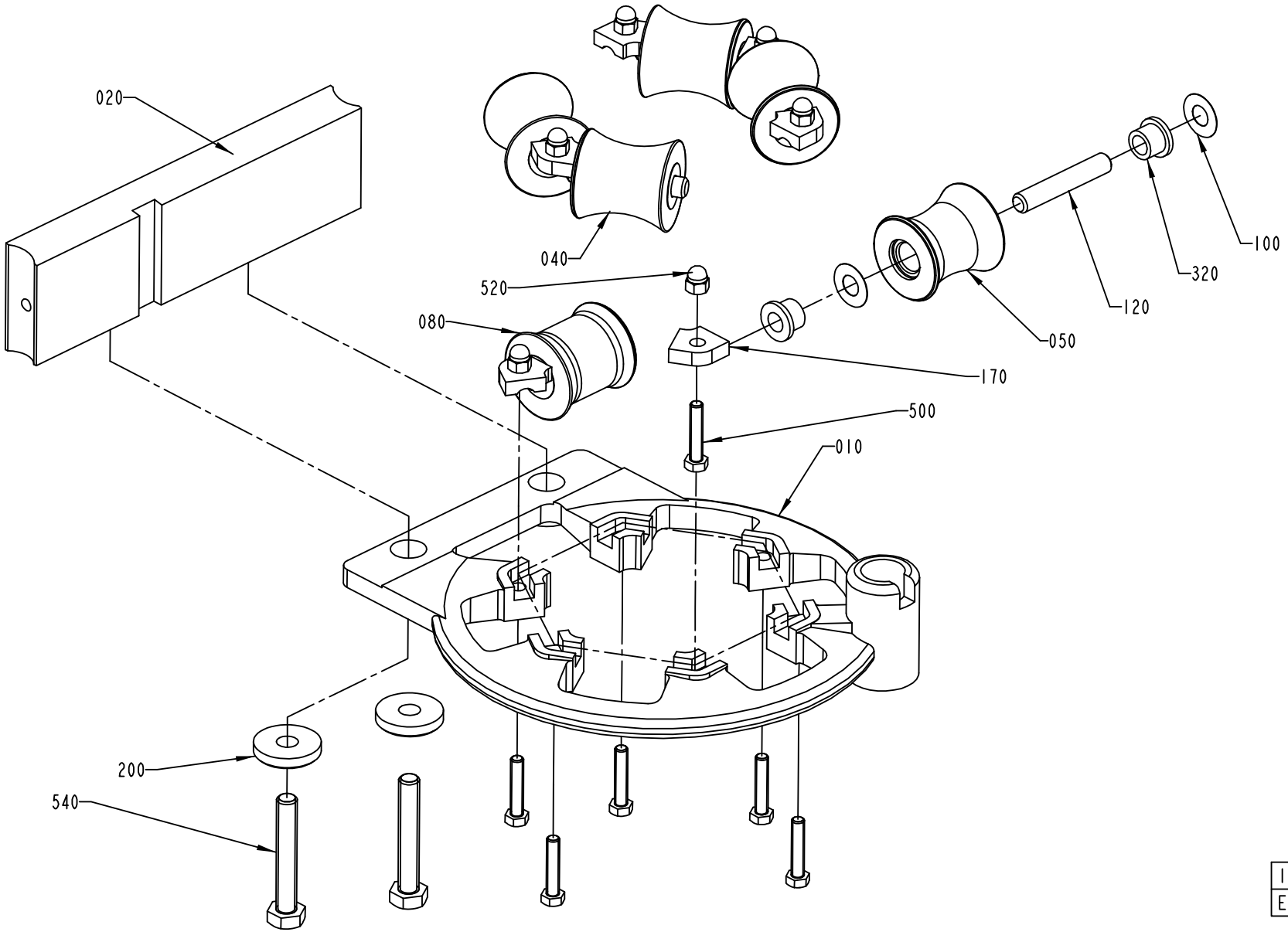
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S, TPA 0250SQ						
010	1129535-0000	-		1	LOWER FORMING RING	
040	1317933-0000	A		5	ROLLER	
050	752140-0000	A		1	COUNTER ROLLER	
	90166-0179	-	*M*	*1*	*SHRINKABLE HOSE*	
100	2033-0011	A		12	WASHER	
120	752186-0003	A		6	SHAFT	
170	1279092-0000	A		6	LOCKING PLATE	
500	312105-0372	-		6	SCREW M6S ISO 4017 M6X25 A480	
520	312705-0316	-		6	NUT HEX. DOMED CAP MHM-6 M6 A280	
TBA 0250S						
010	2514500-0000	-		1	LOWER FORMING RING	
040	574346-0000	A		5	ROLL	
050	574347-0000	A		1	COUNTER ROLLER	
100	2033-0011	A		12	WASHER	
120	752186-0003	A		6	SHAFT	
170	456838-0000	A		6	LOCK PLATE	
500	312105-0372	-		6	SCREW M6S ISO 4017 M6X25 A480	
520	312705-0316	-		6	NUT HEX. DOMED CAP MHM-6 M6 A280	
TBA 0330S, TBA 0200B, TBA 0250B						
010	1129539-0000	-		1	LOWER FORMING RING	
040	751502-0000	A		5	ROLLER	
050	751503-0000	A		1	COUNTER ROLLER	
	90166-0179	-	*M*	*1*	*SHRINKABLE HOSE*	
100	2033-0011	A		12	WASHER	
120	752186-0005	A		6	SHAFT	
170	490538-0000	A		6	LOCKING PLATE	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
TBA 0500B, TBA 1000B						
010	1129529-0000	-		1	LOWER FORMING RING	
040	1349851-0000	A		5	ROLL	
050	1532582-0000	A		1	COUNTER ROLLER	
100	2033-0011	A		24	WASHER	
120	752186-0014	A		6	SHAFT	
170	490538-0000	A		6	LOCKING PLATE	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
TBA 0500S						
010	1499679-0000	-		1	LOWER FORMING RING	
040	1499636-0000	A		5	ROLLER	
050	1524308-0000	A		1	COUNTER ROLLER	
100	2033-0011	A		12	WASHER	
120	752186-0006	A		6	SHAFT	
170	490538-0000	A		6	LOCKING PLATE	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
TBA 1000S						
010	1129540-0000	-		1	LOWER FORMING RING	
040	567746-0001	A		5	ROLLER, (STD.SIZE)	
050	1490933-0000	A		1	COUNTER ROLLER	
100	2033-0011	A		12	WASHER	
120	569100-0000	A		6	SHAFT	
170	490538-0000	A		6	LOCKING PLATE	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
TBA 1000SQ						
010	1129540-0000	-		1	LOWER FORMING RING	
040	1490765-0000	A		5	ROLLER	
050	1499411-0000	A		1	COUNTER ROLLER	
100	2033-0011	A		12	WASHER	
120	569100-0000	A		6	SHAFT	
170	490538-0000	A		6	LOCKING PLATE	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
TBA 1500S						
010	1129529-0000	-		1	LOWER FORMING RING	
040	1349851-0000	A		5	ROLL	
050	1558740-0000	A		1	COUNTER ROLLER	
100	2033-0011	A		24	WASHER	
120	752186-0014	A		6	SHAFT	
170	490538-0000	A		6	LOCKING PLATE	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
TPA 0330SQ						
010	1129539-0000	-		1	LOWER FORMING RING	

Machine Type | Group Description | Used-In | Group Number | Page No



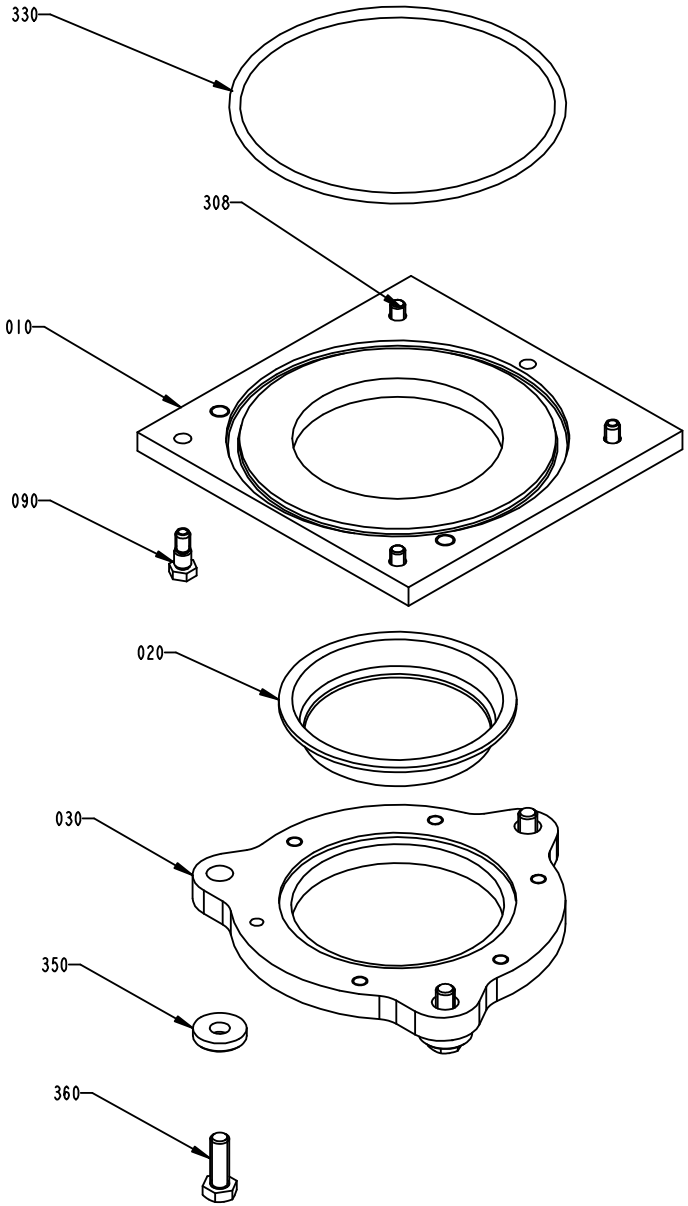
1095908-3
ECM 116476

ECM: 118950 - 20021217
Group number: 1095908-0300
Assembly Drawing: 1095908-3_1_AA

This list covers pages from 58 to 61

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0330SQ (Cont'd)						
040	929279-0000	A		5	ROLLER	
050	929280-0000	A		1	COUNTER ROLLER	
100	2033-0011	A		12	WASHER	
120	752186-0005	A		6	SHAFT	
170	490538-0000	A		6	LOCKING PLATE	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
TPA 0500SQ (See drawing on page: 60)						
010	1129539-0000	-		1	LOWER FORMING RING	
040	2530211-0000	A		4	ROLLER	
050	2503682-0000	A		1	COUNTER ROLLER	
080	2540964-0000	A		1	ROLLER	
100	2033-0007	A		12	WASHER	
120	752186-0005	A		6	SHAFT	
170	490538-0000	A		6	LOCKING PLATE	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
TPA 1000S						
010	1255794-0000	-		1	LOWER FORMING RING	
040	1490764-0000	A		5	ROLLER	
050	1490768-0000	A		1	ROLLER	
100	2033-0008	A		12	WASHER	
120	263655-0022	A		6	SHAFT	
170	1255881-0000	A		6	LOCKING PLATE	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
TPA 1000SQ						
010	1499679-0000	-		1	LOWER FORMING RING	
040	1524156-0000	A		5	ROLLER	
050	1524547-0000	A		1	COUNTER ROLLER	
100	2033-0011	A		12	WASHER	
120	752186-0006	A		6	SHAFT	
170	490538-0000	A		6	LOCKING PLATE	
500	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
520	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
Common Parts						
020	1478438-0000	A		1	DISTANCE PIECE LOCK	
200	315125-0165	-		2	WASHER TBRSB 8,4X26X5 A4	
320	90240-0172	A		12	FLANGE BUSHING, 8X12X10 MM	
540	312109-0461	-		2	SCREW M6S ISO 4017 M8X50 A480	

Machine Type | Group Description | Used-In | Group Number | Page No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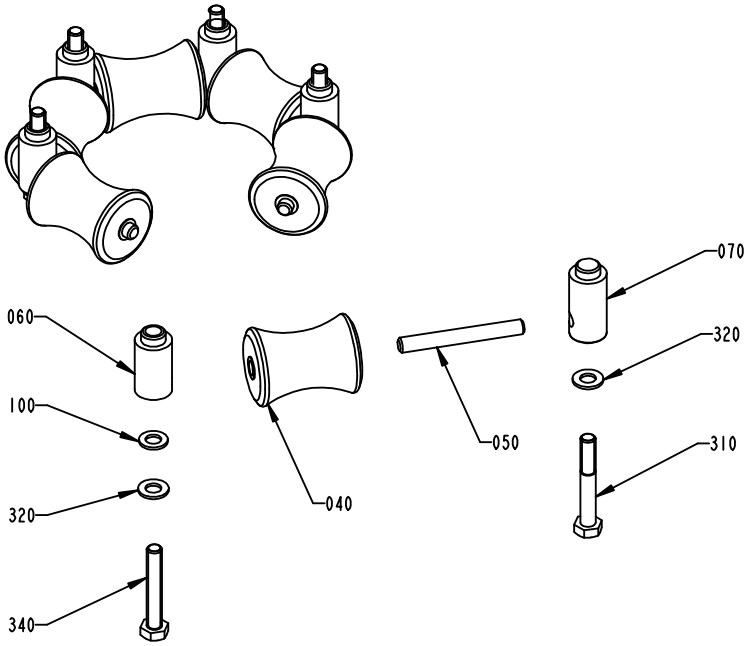
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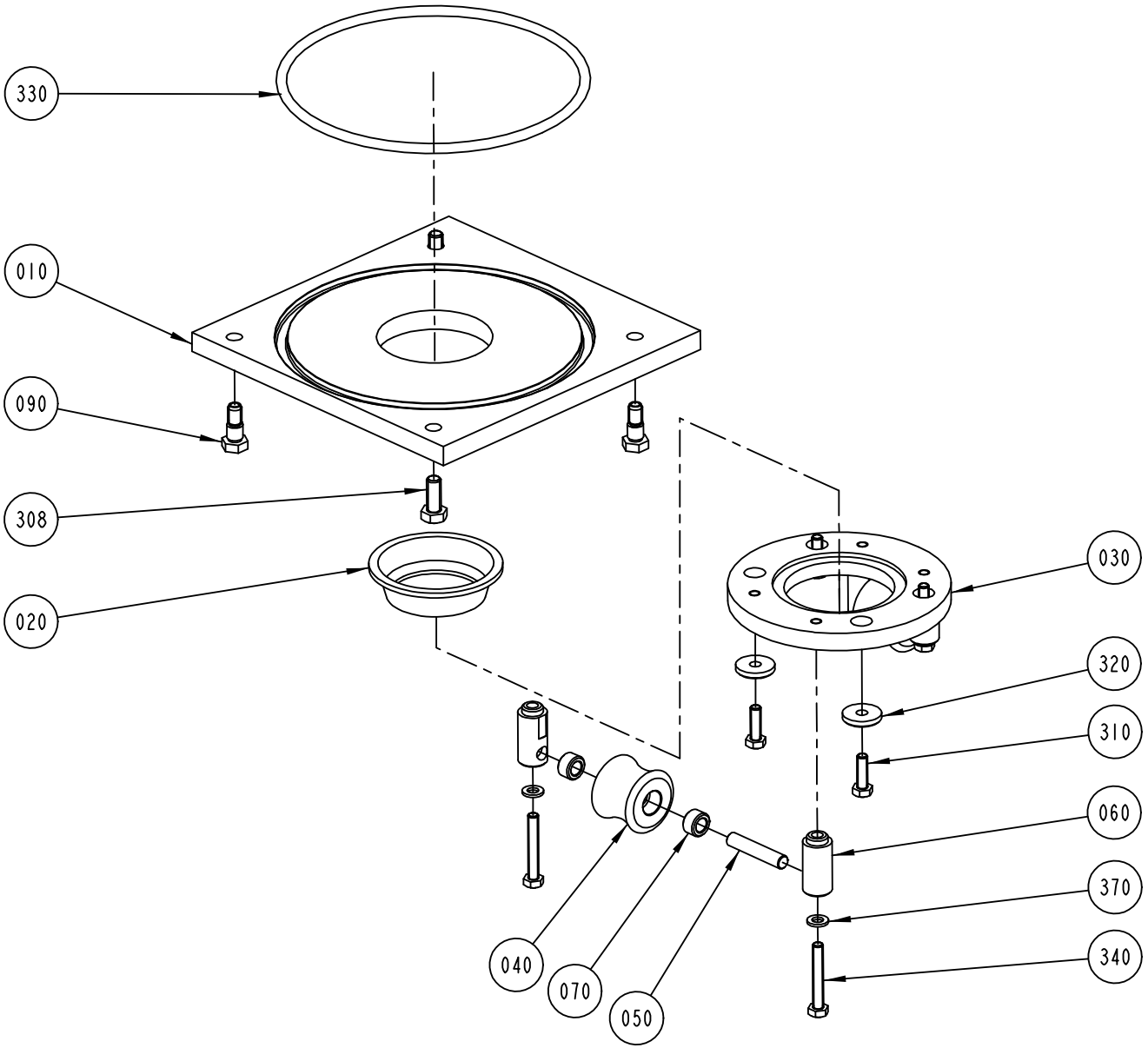
ECM: 133794 - 20030611
Group number: 996456-0200
Assembly Drawing: 996456-3_1_AB

This list covers pages from 62 to 67

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S, TPA 0250SQ (See drawing on page: 64)						
010	1255191-0000	-		1	PLATE	
020	490901-0000	A		1	SEAL	
030	1255194-0000	-		1	RING	
040	456996-0000	A		2	ROLLER	
050	490903-0000	A		2	SHAFT	
060	490902-0000	-		4	AXLE SUPPORT	
070	751230-0000	A		4	PLAIN BEARING	
310	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
320	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
340	312109-0378	-		4	SCREW M6S ISO4017 M6X40 A480	
370	315105-0153	-		4	WASHER BRB6,4X12RFR	
TBA 0250S (See drawing on page: 64)						
010	1255191-0000	-		1	PLATE	
020	574336-0000	A		1	SEAL	
030	1539853-0000	-		1	RING	
040	574333-0000	A		2	ROLL	
050	490903-0000	A		2	SHAFT	
060	490902-0000	-		4	AXLE SUPPORT	
070	751230-0000	A		4	PLAIN BEARING	
310	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
320	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
340	312109-0378	-		4	SCREW M6S ISO4017 M6X40 A480	
370	315105-0153	-		4	WASHER BRB6,4X12RFR	
TBA 0330S, TBA 0200B, TBA 0250B (See drawing on page: 64)						
010	1255316-0000	-		1	PLATE	
020	273953-0000	A		1	SEAL	
030	1255318-0000	-		1	RING	
040	456796-0000	A		2	ROLLER	
050	263655-0006	A		2	SHAFT	
060	1038576-0000	-		4	AXLE SUPPORT	
310	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
320	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
340	312109-0459	-		4	SCREW M6S ISO 4017 M8X40 A480	
370	315105-0153	-		4	WASHER BRB6,4X12RFR	
TBA 0500B, TBA 1000B, TBA 1500S (See drawing on page: 62)						
010	1255190-0000	-		1	PLATE	
020	466042-0000	A		1	SEAL	
030	1255192-0000	-		1	RING	
040	466046-0000	A		6	ROLLER	
050	263655-0009	A		6	SHAFT	
060	1036954-0000	-		4	AXLE SUPPORT	
070	1036955-0000	A		2	AXLE SUPPORT	
100	1129431-0000	A		4	WASHER	
310	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
320	315105-0165	-		6	WASHER BRB8,4X16RFR	
340	312109-0461	-		4	SCREW M6S ISO 4017 M8X50 A480	
350	315125-0173	-		3	WASHER TBRSB 10,5X28X6 A4	
360	312105-0495	-		3	SCREW M6S ISO 4017 M10X30 A480	
TBA 0500S (See drawing on page: 62)						
010	1346326-0000	-		1	PLATE	
020	466089-0000	A		1	SEAL	
030	1499944-0000	-		1	RING	
040	466092-0000	A		6	ROLL	
050	263655-0007	A		6	SHAFT	
060	1036954-0000	-		4	AXLE SUPPORT	
070	1036955-0000	A		2	AXLE SUPPORT	
100	1129431-0000	A		4	WASHER	
310	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
320	315105-0165	-		6	WASHER BRB8,4X16RFR	
340	312109-0461	-		4	SCREW M6S ISO 4017 M8X50 A480	
350	315125-0173	-		3	WASHER TBRSB 10,5X28X6 A4	
360	312105-0495	-		3	SCREW M6S ISO 4017 M10X30 A480	
TBA 1000S (See drawing on page: 62)						
010	1255190-0000	-		1	PLATE	
020	567743-0000	A		1	SEAL	
030	1255192-0000	-		1	RING	
040	573504-0000	A		6	ROLLER	
050	263655-0009	A		6	SHAFT	
060	1036954-0000	-		4	AXLE SUPPORT	
070	1036955-0000	A		2	AXLE SUPPORT	
100	1129431-0000	A		4	WASHER	
310	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
320	315105-0165	-		6	WASHER BRB8,4X16RFR	
340	312109-0461	-		4	SCREW M6S ISO 4017 M8X50 A480	
350	315125-0173	-		3	WASHER TBRSB 10,5X28X6 A4	
360	312105-0495	-		3	SCREW M6S ISO 4017 M10X30 A480	
TBA 1000SQ (See drawing on page: 62)						



S-996456-4
ECN 72279

ECM: 133794 - 20030611
Group number: 996456-0200
Assembly Drawing: 996456-4_1_AC

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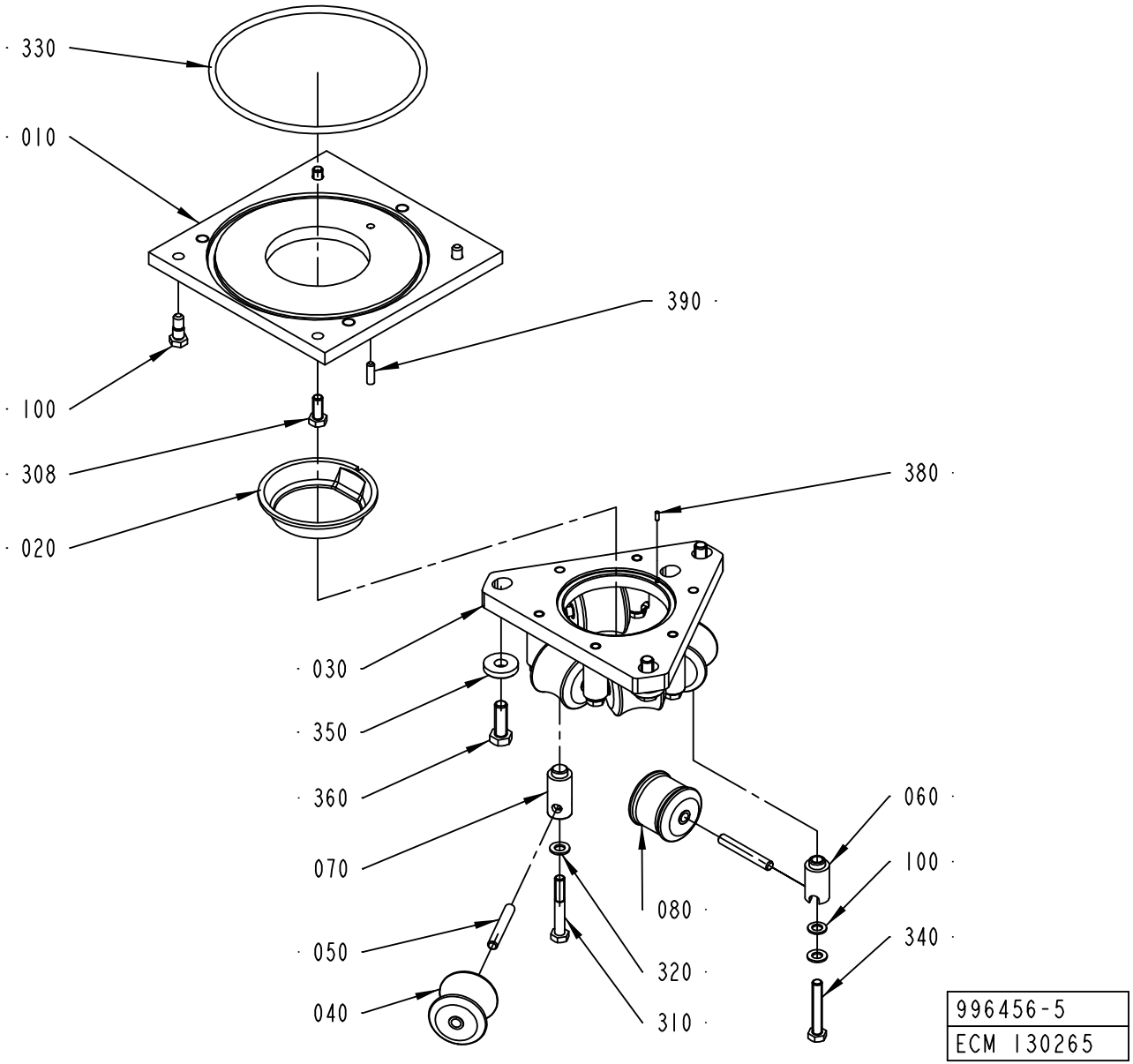
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000SQ (Cont'd) (See drawing on page: 62)						
010	1255190-0000	-		1	PLATE	
020	579318-0000	A		1	SEAL	
030	1517557-0000	-		1	RING	
040	1490762-0000	A		6	ROLLER	
050	263655-0009	A		6	SHAFT	
060	1036954-0000	-		4	AXLE SUPPORT	
070	1036955-0000	A		2	AXLE SUPPORT	
100	1129431-0000	A		4	WASHER	
310	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
320	315105-0165	-		6	WASHER BRB8,4X16RFR	
340	312109-0461	-		4	SCREW M6S ISO 4017 M8X50 A480	
350	315125-0173	-		3	WASHER TBRSB 10,5X28X6 A4	
360	312105-0495	-		3	SCREW M6S ISO 4017 M10X30 A480	
TPA 0330SQ (See drawing on page: 64)						
010	1255316-0000	-		1	PLATE	
020	929286-0000	A		1	SEAL	
030	1255318-0000	-		1	RING	
040	929284-0000	A		2	ROLLER	
050	263655-0006	A		2	SHAFT	
060	1038576-0000	-		4	AXLE SUPPORT	
310	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
320	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
340	312109-0459	-		4	SCREW M6S ISO 4017 M8X40 A480	
370	315105-0153	-		4	WASHER BRB6,4X12RFR	
TPA 0500SQ (See drawing on page: 66)						
010	2503676-0000	-		1	PLATE	
020	2552657-0000	A		1	SEAL	
030	2503677-0000	-		1	RING	
040	2552655-0000	A		5	ROLLER	
050	263655-0007	A		6	SHAFT	
060	1036954-0000	-		4	AXLE SUPPORT	
070	1036955-0000	A		2	AXLE SUPPORT	
080	2552656-0000	-		1	ROLLER	
100	1129431-0000	A		4	WASHER	
310	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
320	315105-0165	-		6	WASHER BRB8,4X16RFR	
340	312109-0461	-		4	SCREW M6S ISO 4017 M8X50 A480	
350	315125-0173	-		3	WASHER TBRSB 10,5X28X6 A4	
360	312105-0495	-		3	SCREW M6S ISO 4017 M10X30 A480	
380	311103-0232	-		1	PARALLEL PIN ISO 2338 3M6X8 A1	
390	311103-0353	-		1	PARALLEL PIN ISO 2338 6M6X20 A1	
TPA 1000S (See drawing on page: 62)						
010	1317478-0000	-		1	PLATE	
020	544015-0000	A		1	SEAL	
030	1317479-0000	-		1	RING	
040	544012-0000	A		6	ROLLER	
050	263655-0008	A		6	SHAFT	
060	1036954-0000	-		4	AXLE SUPPORT	
070	1036955-0000	A		2	AXLE SUPPORT	
100	1129431-0000	A		4	WASHER	
310	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
320	315105-0165	-		6	WASHER BRB8,4X16RFR	
340	312109-0460	-		4	SCREW M6S ISO 4017 M8X45 A480	
350	315125-0173	-		3	WASHER TBRSB 10,5X28X6 A4	
360	312105-0495	-		3	SCREW M6S ISO 4017 M10X30 A480	
TPA 1000SQ (See drawing on page: 62)						
010	1524413-0000	-		1	PLATE	
020	1524414-0000	A		1	SEAL	
030	1524415-0000	-		1	RING	
040	1524416-0000	A		6	ROLLER	
050	263655-0007	A		6	SHAFT	
060	1036954-0000	-		4	AXLE SUPPORT	
070	1036955-0000	A		2	AXLE SUPPORT	
100	1129431-0000	A		4	WASHER	
310	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
320	315105-0165	-		6	WASHER BRB8,4X16RFR	
340	312109-0461	-		4	SCREW M6S ISO 4017 M8X50 A480	
350	315125-0173	-		3	WASHER TBRSB 10,5X28X6 A4	
360	312105-0495	-		3	SCREW M6S ISO 4017 M10X30 A480	
Common Parts						
090	1037885-0000	-		2	REAMED BOLT	
308	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
330	315204-0324	A		1	O-RING 164,3X5,7 MM	

Machine Type | Group Description | Used-In | Group Number | Page No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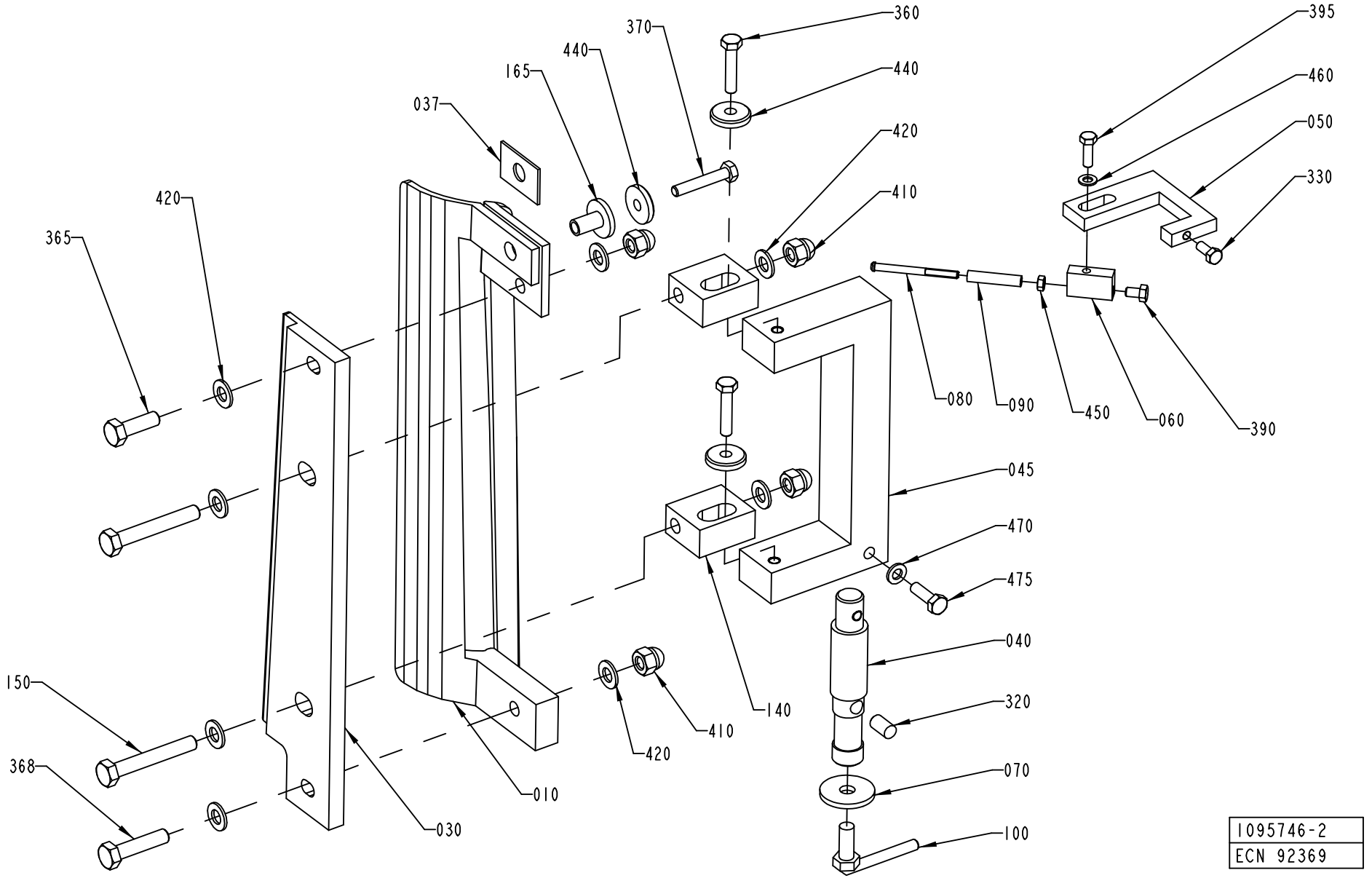
996456-5
ECM 130265

Pos	Part No	SP	UN	Qty	Description	Page No

SEE PREVIOUS LISTS PAGES: 63, 65.

Pos	Part No	SP	UN	Qty	Description	Page No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010
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1095746-2
ECN 92369

ECM: 118948 - 20021217
Group number: 1095746-0100
Assembly Drawing: 1095746-2_1_AB

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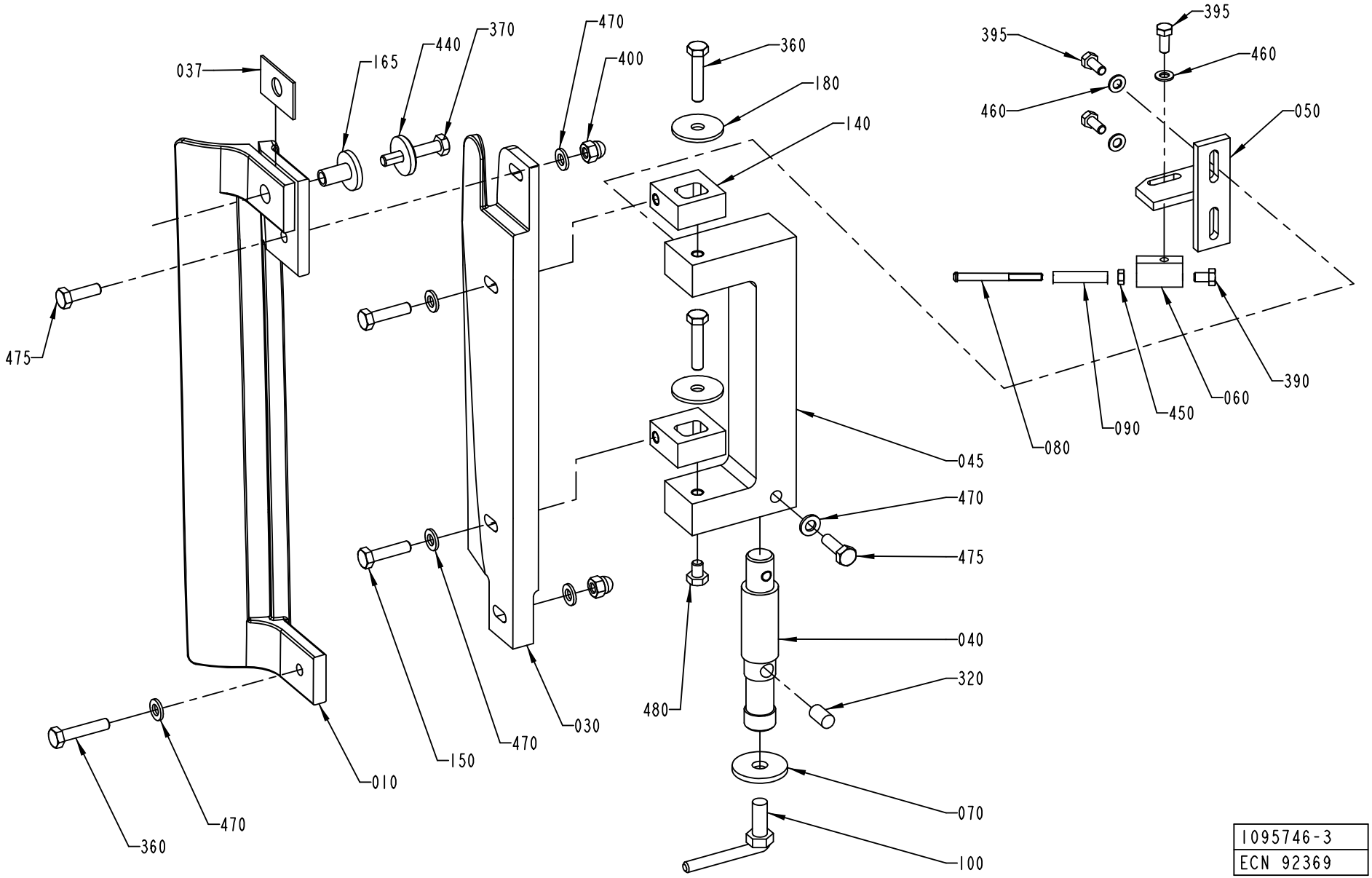
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S, TPA 0250SQ (See drawing on page: 68)						
010	1334857-0000	A		1	LS-INDUCTOR	
030	1347636-0000	A		1	INSULATING PLATE	
045	1347935-0000	-		1	HOLDER	
050	1285515-0000	-		1	HOLDER	
060	1255003-0000	-		1	HOLDER	
080	469463-0000	A		1	SHAFT	
140	1285512-0000	-		2	FASTENING PLATE	
150	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
330	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
360	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
365	312105-0453	-		1	SCREW M6S ISO 4017 M8X25 A480	
368	312105-0455	-		1	SCREW M6S ISO 4017 M8X30 A480	
395	312105-0329	-		1	SCREW M6S ISO 4017 M5X16 A480	
410	312705-0318	-		4	NUT HEX. DOMED CAP MHM-6 M8 A280	
420	315105-0165	-		8	WASHER BRB8,4X16RFR	
440	315125-0153	-		3	WASHER TBRSB 6,4X22X4 A4	
460	315105-0146	-		1	BRICKA BRB5,3X10RFR	
470	315105-0153	-		1	WASHER BRB6,4X12RFR	
475	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
TBA 0250S (See drawing on page: 68)						
010	1539854-0000	A		1	INDUCTOR	
030	2512833-0000	A		1	INSULATING PLATE	
045	2558829-0000	-		1	HOLDER	
050	1285515-0000	-		1	HOLDER	
060	1255003-0000	-		1	HOLDER	
080	469463-0000	A		1	SHAFT	
140	2558830-0000	-		2	FASTENING PLATE	
150	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
330	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
360	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
365	312105-0453	-		1	SCREW M6S ISO 4017 M8X25 A480	
368	312105-0455	-		1	SCREW M6S ISO 4017 M8X30 A480	
395	312105-0329	-		1	SCREW M6S ISO 4017 M5X16 A480	
410	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
420	315105-0165	-		6	WASHER BRB8,4X16RFR	
440	315125-0153	-		3	WASHER TBRSB 6,4X22X4 A4	
460	315105-0146	-		1	BRICKA BRB5,3X10RFR	
470	315105-0153	-		1	WASHER BRB6,4X12RFR	
475	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S, TBA 0200B, TBA 0250B (See drawing on page: 68)						
010	1334791-0000	A		1	LS-INDUCTOR	
030	1347635-0000	A		1	INSULATING PLATE	
045	1347935-0000	-		1	HOLDER	
050	1285515-0000	-		1	HOLDER	
060	1255003-0000	-		1	HOLDER	
080	469463-0000	A		1	SHAFT	
140	1285512-0000	-		2	FASTENING PLATE	
150	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
330	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
360	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
365	312105-0453	-		1	SCREW M6S ISO 4017 M8X25 A480	
368	312105-0455	-		1	SCREW M6S ISO 4017 M8X30 A480	
395	312105-0329	-		1	SCREW M6S ISO 4017 M5X16 A480	
410	312705-0318	-		4	NUT HEX. DOMED CAP MHM-6 M8 A280	
420	315105-0165	-		8	WASHER BRB8,4X16RFR	
440	315125-0153	-		3	WASHER TBRSB 6,4X22X4 A4	
460	315105-0146	-		1	BRICKA BRB5,3X10RFR	
470	315105-0153	-		1	WASHER BRB6,4X12RFR	
475	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
TBA 0500B, TBA 1000B, TBA 1500S (See drawing on page: 70)						
010	1524224-0000	A		1	INDUCTOR	
030	1524225-0000	A		1	INSULATING PLATE	
045	1484636-0000	-		1	HOLDER	
050	1535024-0000	-		1	HOLDER	
060	1255003-0000	-		1	HOLDER	
080	469463-0000	A		1	SHAFT	
140	1348468-0000	-		2	FASTENING PLATE	
150	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
180	1129638-0000	-		2	WASHER	
360	312109-0374	-		3	SCREW M6S ISO 4017 M6X30 A480	
395	312105-0327	-		3	SCREW M6S ISO 4017 M5X12 A480	
400	312705-0316	-		2	NUT HEX. DOMED CAP MHM-6 M6 A280	
440	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
460	315105-0146	-		3	BRICKA BRB5,3X10RFR	
470	315105-0153	-		6	WASHER BRB6,4X12RFR	
475	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
TBA 0500S (See drawing on page: 72)						
010	1511488-0000	A		1	INDUCTOR	

Machine Type | Group Description | Used-In | Group Number | Page No



1095746-3
ECN 92369

ECM: 118948 - 20021217
Group number: 1095746-0100
Assembly Drawing: 1095746-3_1_AC

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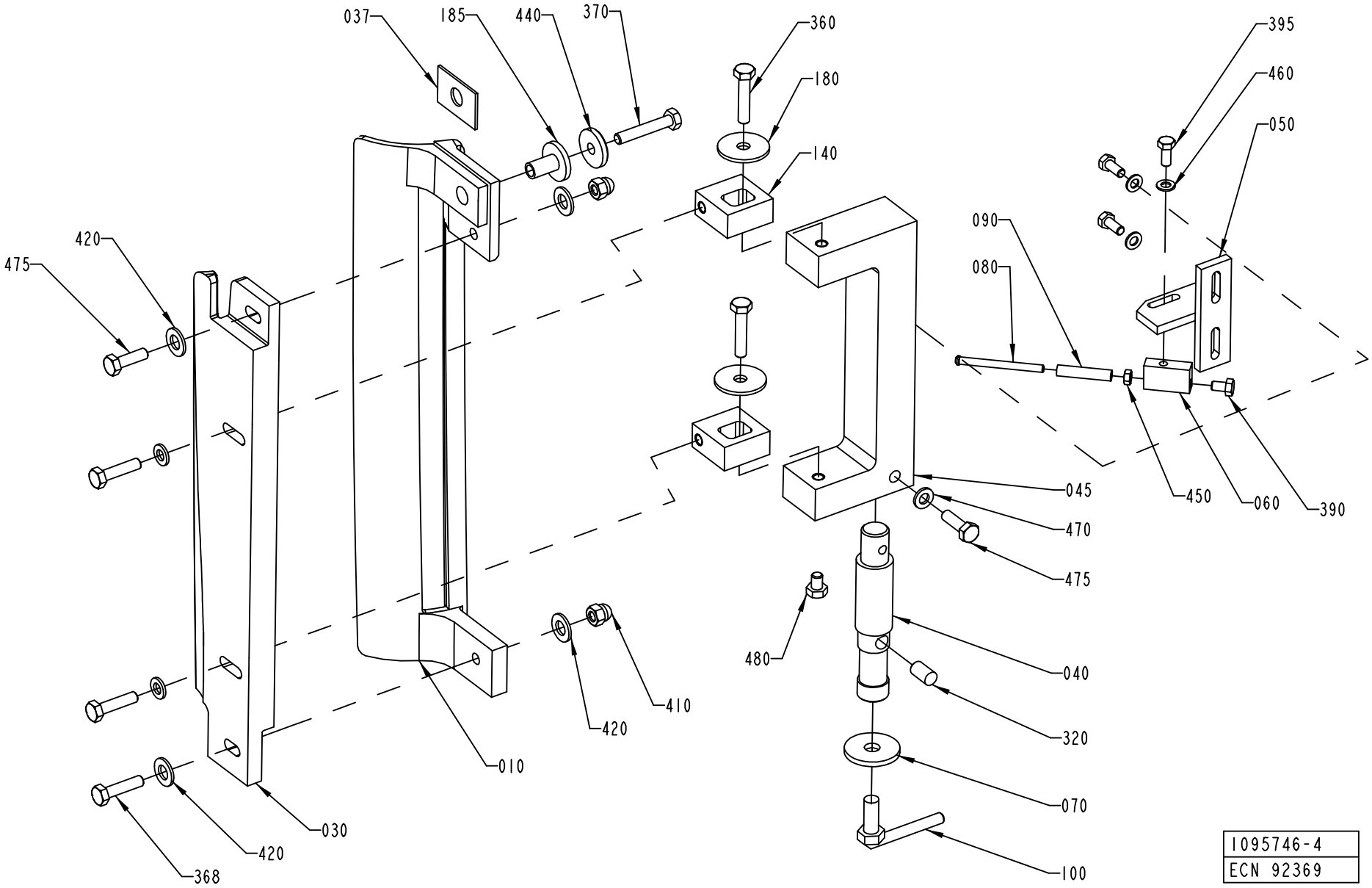
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S (Cont'd) (See drawing on page: 72)						
030	1511489-0000	A		1	INSULATING PLATE	
045	1511524-0000	-		1	HOLDER	
050	1535024-0000	-		1	HOLDER	
060	1255003-0000	-		1	HOLDER	
080	469463-0000	A		1	SHAFT	
140	1348468-0000	-		2	FASTENING PLATE	
150	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
180	1129638-0000	-		2	WASHER	
360	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
368	312105-0457	-		1	SCREW M6S ISO 4014 M8X35 A480	
395	312105-0327	-		3	SCREW M6S ISO 4017 M5X12 A480	
410	312705-0318	-		2	NUT HEX. DOMED CAP MHM-6 M8 A280	
420	315105-0165	-		6	WASHER BRB8,4X16RFR	
440	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
460	315105-0146	-		3	BRICKA BRB5,3X10RFR	
470	315105-0153	-		1	WASHER BRB6,4X12RFR	
475	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
TBA 1000S (See drawing on page: 72)						
010	1487428-0000	A		1	INDUCTOR	
030	1484637-0000	A		1	INSULATING PLATE	
045	1484636-0000	-		1	HOLDER	
050	1535024-0000	-		1	HOLDER	
060	1255003-0000	-		1	HOLDER	
080	469463-0000	A		1	SHAFT	
140	1348468-0000	-		2	FASTENING PLATE	
150	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
180	1129638-0000	-		2	WASHER	
360	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
368	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
395	312105-0327	-		3	SCREW M6S ISO 4017 M5X12 A480	
410	312705-0316	-		2	NUT HEX. DOMED CAP MHM-6 M6 A280	
420	315105-0165	-		4	WASHER BRB8,4X16RFR	
440	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
460	315105-0146	-		3	BRICKA BRB5,3X10RFR	
470	315105-0153	-		3	WASHER BRB6,4X12RFR	
475	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
TBA 1000SQ (See drawing on page: 72)						
010	1498057-0000	A		1	INDUCTOR	
030	1498058-0000	A		1	INSULATING PLATE	
045	1484636-0000	-		1	HOLDER	
050	1535024-0000	-		1	HOLDER	
060	1255003-0000	-		1	HOLDER	
080	469463-0000	A		1	SHAFT	
140	1348468-0000	-		2	FASTENING PLATE	
150	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
180	1129638-0000	-		2	WASHER	
360	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
368	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
395	312105-0327	-		3	SCREW M6S ISO 4017 M5X12 A480	
410	312705-0316	-		2	NUT HEX. DOMED CAP MHM-6 M6 A280	
420	315105-0165	-		4	WASHER BRB8,4X16RFR	
440	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
460	315105-0146	-		3	BRICKA BRB5,3X10RFR	
470	315105-0153	-		3	WASHER BRB6,4X12RFR	
475	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
TPA 0330SQ (See drawing on page: 68)						
010	1532992-0000	A		1	LS-INDUCTOR	
030	1532991-0000	A		1	INSULATING PLATE	
045	1347935-0000	-		1	HOLDER	
050	1285515-0000	-		1	HOLDER	
060	1255003-0000	-		1	HOLDER	
080	469463-0000	A		1	SHAFT	
140	1285512-0000	-		2	FASTENING PLATE	
150	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
330	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
365	312105-0453	-		1	SCREW M6S ISO 4017 M8X25 A480	
368	312105-0455	-		1	SCREW M6S ISO 4017 M8X30 A480	
395	312105-0329	-		1	SCREW M6S ISO 4017 M5X16 A480	
410	312705-0318	-		4	NUT HEX. DOMED CAP MHM-6 M8 A280	
420	315105-0165	-		8	WASHER BRB8,4X16RFR	
460	315105-0146	-		1	BRICKA BRB5,3X10RFR	
470	315105-0153	-		1	WASHER BRB6,4X12RFR	
475	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
TPA 0500SQ (See drawing on page: 72)						
010	2552494-0000	A		1	INDUCTOR	
030	2552495-0000	A		1	INSULATING PLATE	

Machine Type | Group Description | Used-In | Group Number | Page No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185
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480
040
320
070
100
410
420
010
030
420
368
1095746-4
ECN 92369

ECM: 118948 - 20021217
Group number: 1095746-0100
Assembly Drawing: 1095746-4_1_AC

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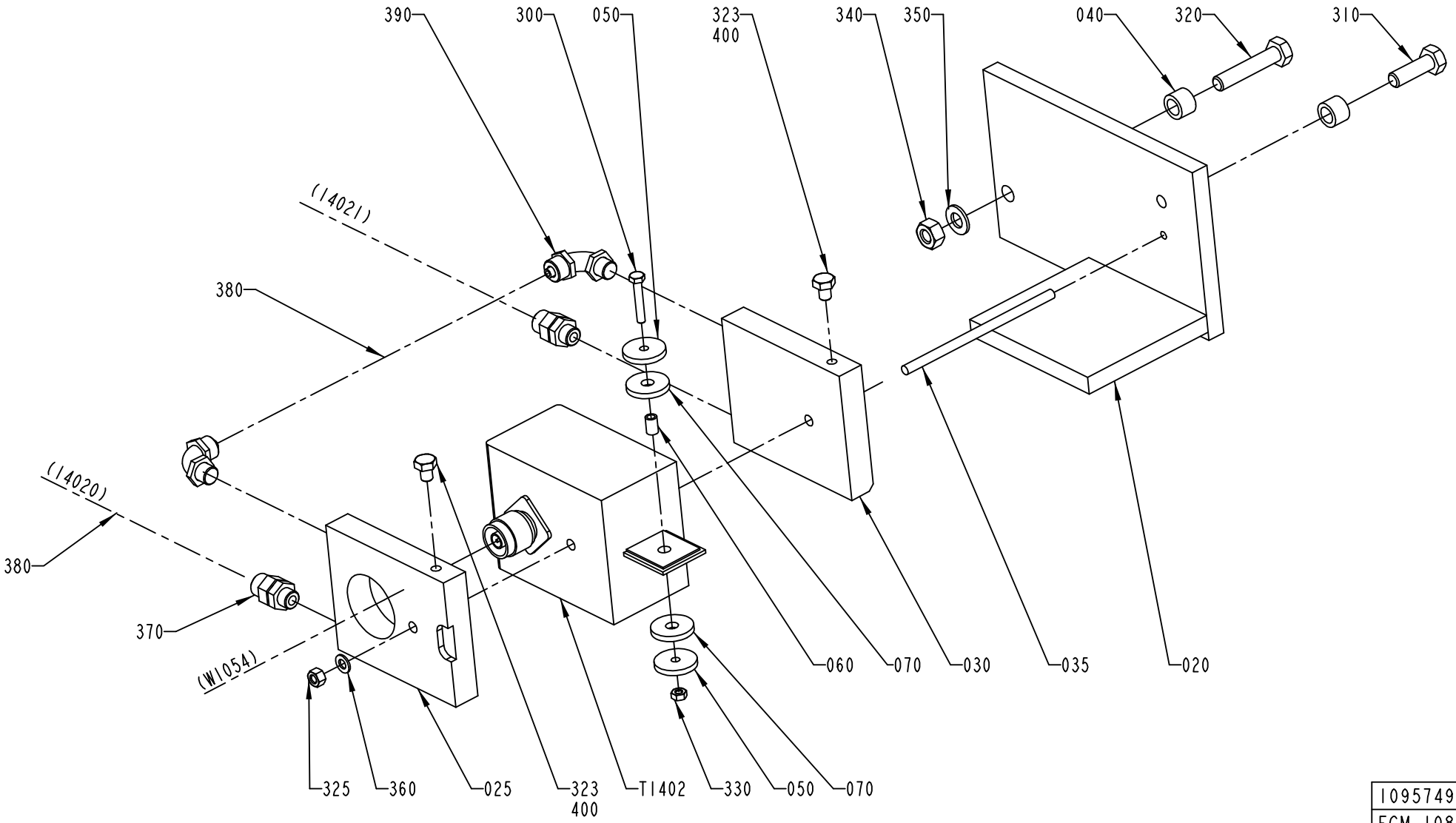
Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0500SQ (Cont'd) (See drawing on page: 72)						
045	1484636-0000	-		1	HOLDER	
050	2558147-0000	-		1	HOLDER	
060	2564588-0000	-		1	HOLDER	
080	2564587-0000	A		1	SHAFT	
140	2564542-0000	-		2	FASTENING PLATE	
150	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
180	1129638-0000	-		2	WASHER	
360	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
368	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
395	312105-0327	-		3	SCREW M6S ISO 4017 M5X12 A480	
410	312705-0316	-		2	NUT HEX. DOMED CAP MHM-6 M6 A280	
420	315105-0165	-		4	WASHER BRB8,4X16RFR	
440	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
460	315105-0146	-		3	BRICKA BRB5,3X10RFR	
470	315105-0153	-		3	WASHER BRB6,4X12RFR	
475	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
TPA 1000S (See drawing on page: 68)						
010	1317225-0000	A		1	LS-INDUCTOR	
030	1347634-0000	A		1	INSULATING PLATE	
045	1347934-0000	-		1	HOLDER	
050	1285515-0000	-		1	HOLDER	
060	1255003-0000	-		1	HOLDER	
080	469463-0000	A		1	SHAFT	
140	1285512-0000	-		2	FASTENING PLATE	
150	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
330	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
360	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
365	312105-0453	-		1	SCREW M6S ISO 4017 M8X25 A480	
368	312105-0457	-		1	SCREW M6S ISO 4014 M8X35 A480	
395	312105-0329	-		1	SCREW M6S ISO 4017 M5X16 A480	
410	312705-0318	-		4	NUT HEX. DOMED CAP MHM-6 M8 A280	
420	315105-0165	-		8	WASHER BRB8,4X16RFR	
440	315125-0153	-		3	WASHER TBRSB 6,4X22X4 A4	
460	315105-0146	-		1	BRICKA BRB5,3X10RFR	
470	315105-0153	-		1	WASHER BRB6,4X12RFR	
475	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
TPA 1000SQ (See drawing on page: 72)						
010	1524021-0000	A		1	INDUCTOR	
030	1524022-0000	A		1	INSULATING PLATE	
045	1511524-0000	-		1	HOLDER	
050	1535024-0000	-		1	HOLDER	
060	1255003-0000	-		1	HOLDER	
080	469463-0000	A		1	SHAFT	
140	1348468-0000	-		2	FASTENING PLATE	
150	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
368	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
395	312105-0327	-		3	SCREW M6S ISO 4017 M5X12 A480	
410	312705-0316	-		2	NUT HEX. DOMED CAP MHM-6 M6 A280	
420	315105-0165	-		6	WASHER BRB8,4X16RFR	
460	315105-0146	-		3	BRICKA BRB5,3X10RFR	
470	315105-0153	-		1	WASHER BRB6,4X12RFR	
475	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
Common Parts						
037	1255571-0000	A		1	WASHER	
040	1285514-0000	-		1	POST	
070	28037-0000	A		1	WASHER	
090	469464-0000	A		1	ROLL	
100	1036948-0000	-		1	SCREW	
165	1285507-0000	A		1	SPACER BUSHING	
320	311103-0399	-		1	PARALLEL PIN ISO 2338 8M6X16 A1	
370	312109-0376	-		1	SCREW M6S ISO 4017 M6X35 A480	
390	312105-0323	-		1	SKRUV M6S ISO 4017 M5X8 A480	
450	312605-0312	-		1	HEXAGON NUT, M6M M4 A280	

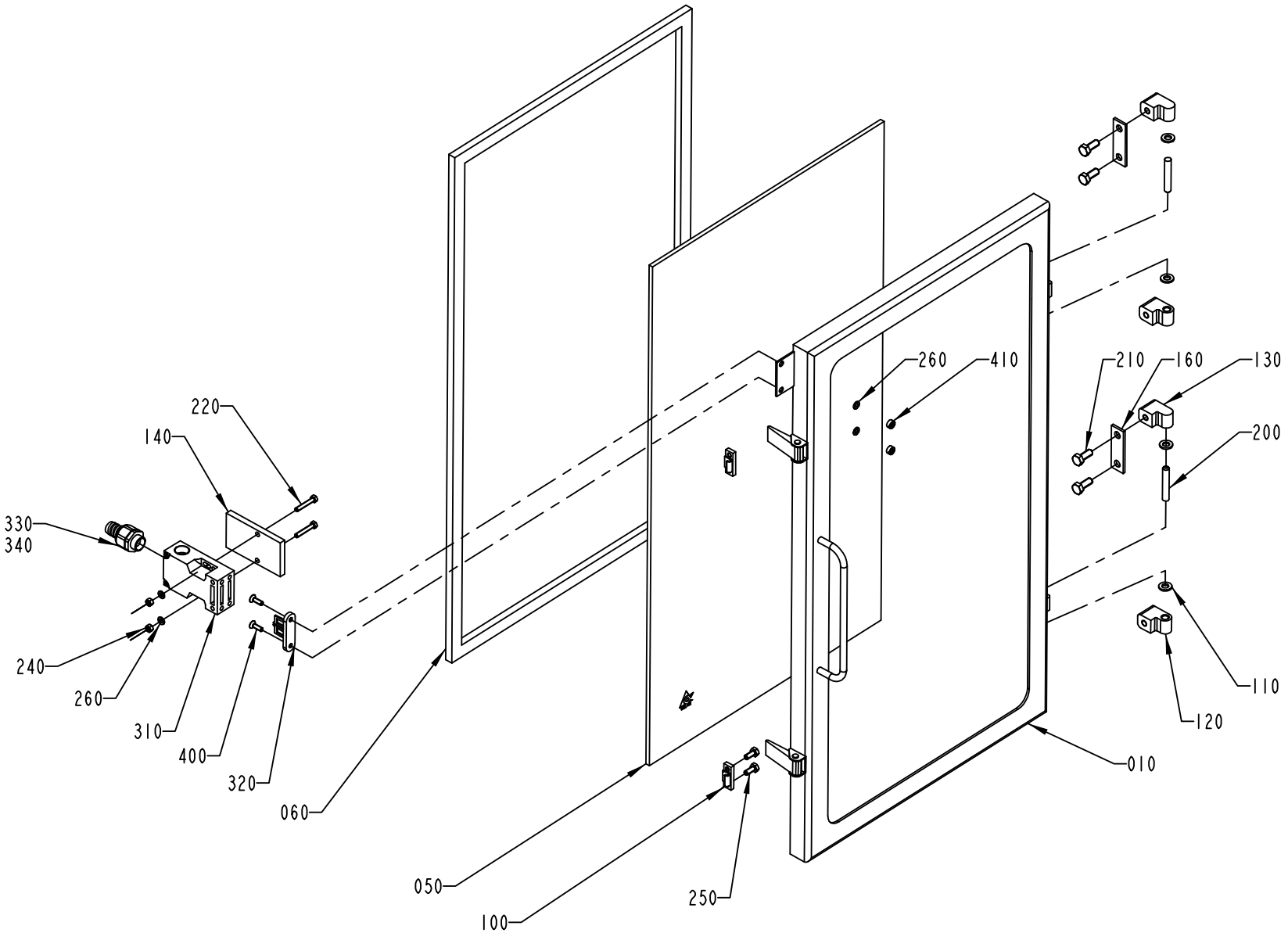
Machine Type | Group Description | Used-In | Group Number | Page No



1095749-1
ECM 108473

ECM: 127146 - 20030314
Group number: 1095749-0100
Assembly Drawing: 1095749-1_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B						
T1402	67379-0115	A		1	TRANSFORMER	
TBA 0200S						
T1402	67379-0229	A		1	TRANSFORMER	
TBA 0250B						
T1402	67379-0108	A		1	TRANSFORMER	
TBA 0330S, TBA 0250S, TPA 0330SQ						
T1402	67379-0109	A		1	TRANSFORMER	
TBA 0500B						
T1402	67379-0250	-		1	TRANSFORMER	
TBA 0500S						
T1402	67379-0247	A		1	TRANSFORMER	
TBA 1000S, TBA 1000B, TPA 1000S, TBA 1500S						
T1402	67379-0211	A		1	TRANSFORMER	
TBA 1000SQ, TPA 1000SQ						
T1402	67379-0245	A		1	TRANSFORMER	
TPA 0250SQ						
T1402	67379-0257	A		1	TRANSFORMER	
TPA 0500SQ						
T1402	67379-0263	A		1	TRANSFORMER	
Common Parts						
020	1140508-0000	-		1	CANTILEVER	
025	1129839-0000	-		1	COOLING PLATE	
030	1129869-0000	-		1	COOLING PLATE	
035	1140515-0000	-		1	SCREW	
040	1037005-0000	-		2	SLEEVE	
050	583859-0000	-		2	WASHER	
060	583861-0000	-		1	SLEEVE	
070	583860-0000	-		2	WASHER	
300	312105-0297	-		1	SCREW M6S ISO 4017 M4X25 A480	
310	312105-0453	-		1	SCREW M6S ISO 4017 M8X25 A480	
320	312105-0459	-		1	SCREW M6S ISO 4014 M8X40 A480	
323	312105-0362	-		2	SCREW M6S ISO 4017 M6X8 A480	
325	312605-0314	-		1	HEXAGON NUT, M6M M5 A280	
330	312605-0312	-		1	HEXAGON NUT, M6M M4 A280	
340	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
350	315105-0165	-		1	WASHER BRB8,4X16RFR	
360	315105-0146	-		1	BRICKA BRB5,3X10RFR	
370	342921-0121	-		2	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
380	90166-0139	-	M	4	TUBE PA BLACK	
390	342931-0121	-		2	ELBOW 90 COUPL.,EXT.THREAD 8/6-G1/8"	
400	90144-0007	-		1	TAPE	



1317976-1
ECM 111701

ECM: 111734 - 20021216
Group number: 1317976-0100
Assembly Drawing: 1317976-1_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036754-0000	-		1	FRAME	
050	1037042-0000	-		1	GLASS PANE	
060	1037043-0000	B		1	GASKET	
100	271860-0000	-		2	CLAMP BLOCK	
110	441739-0000	-		4	WASHER	
120	1041979-0000	-		2	HINGE FLANGE	
130	1041978-0000	-		2	HINGE FLANGE	
140	1037048-0000	-		1	PLATE	
160	441737-0000	-		2	WASHER	
200	311103-0413	-		2	PARALLEL PIN ISO 2338 8M6X50 A1	
210	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	
220	312109-0335	-		2	SCREW M6S ISO 4017 M5X30 A480	
240	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
250	312105-0367	-		2	SCREW M6S M6X14 A280	
260	315105-0146	-		4	BRICKA BRB5,3X10RFR	
310	90044-0139	A		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
320	90044-0310	A		1	KEY FOR SAFETY SWITCH, AZ 15/16 B1	
330	353243-0003	-		1	EXTENDED WITHOUT INSERT, PG11	
340	353249-0011	-		1	INSERT, SINGEL HOLE, EK 153/11	
400	312155-0329	-		2	SCREW EN 10642 MF6S M5X16 A480	
410	575034-0000	-		2	ROUND NUT	

Pos	Part No	SP	UN	Qty	Description	Page No

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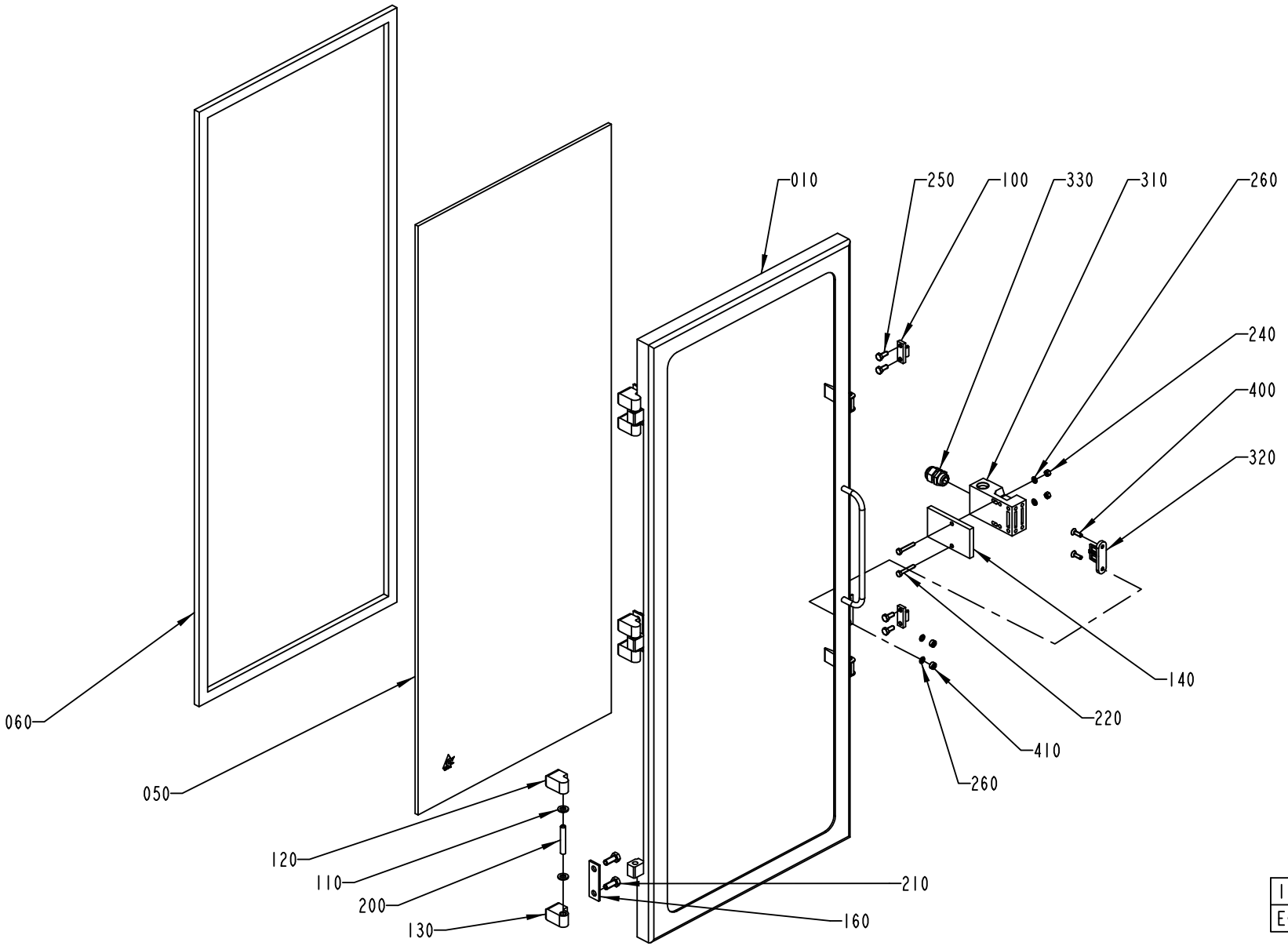
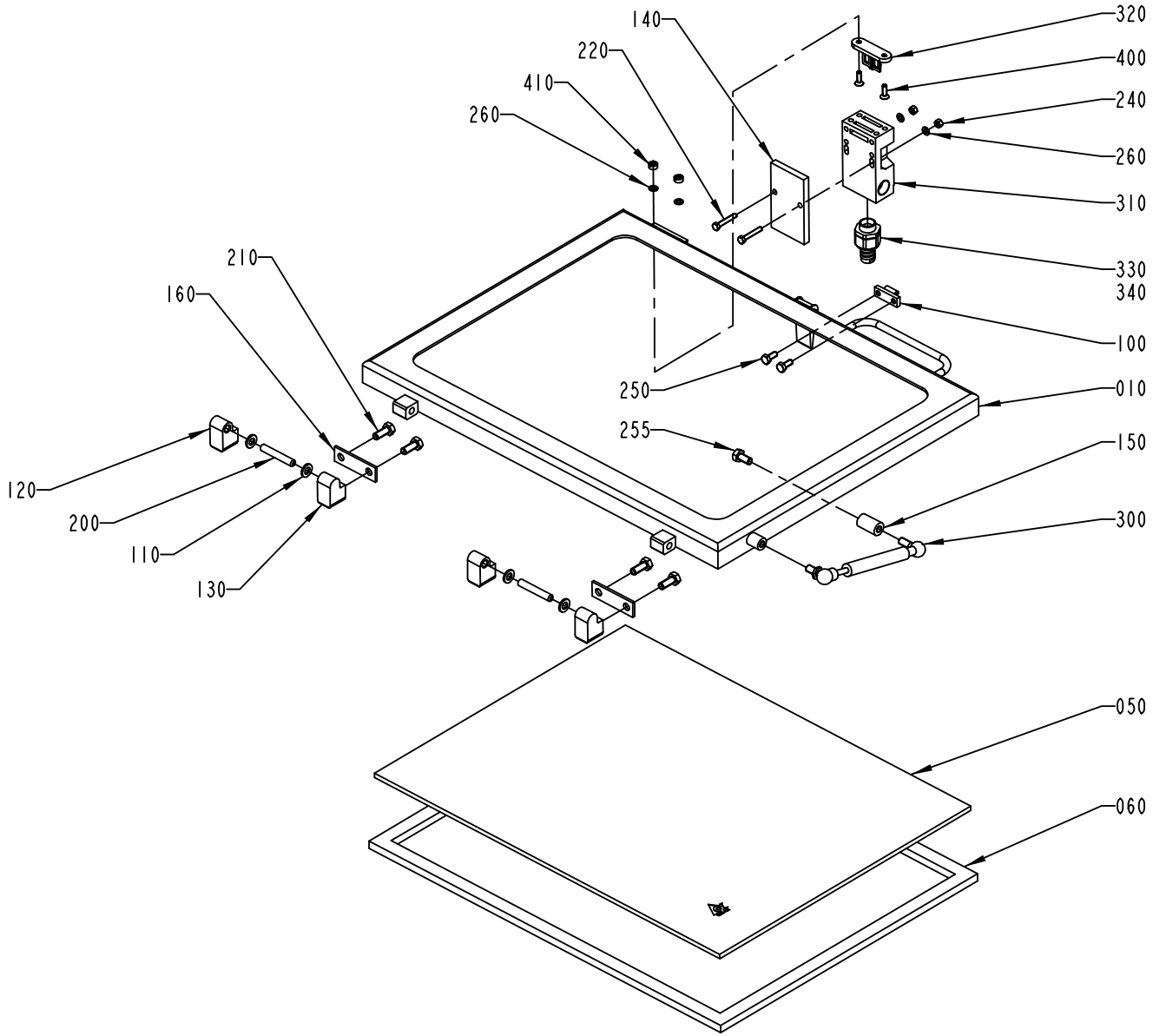


1317977-1
ECM 111701

ECM: 111735 - 20021216
Group number: 1317977-0100
Assembly Drawing: 1317977-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037051-0000	-		1	FRAME	
050	1037050-0000	-		1	GLASS PANE	
060	1037049-0000	B		1	GASKET	
100	271860-0000	-		2	CLAMP BLOCK	
110	441739-0000	-		6	WASHER	
120	1041979-0000	-		3	HINGE FLANGE	
130	1041978-0000	-		3	HINGE FLANGE	
140	1037048-0000	-		1	PLATE	
160	441737-0000	-		3	WASHER	
200	311103-0413	-		3	PARALLEL PIN ISO 2338 8M6X50 A1	
210	312105-0451	-		6	SCREW M6S ISO 4017 M8X20 A480	
220	312109-0335	-		2	SCREW M6S ISO 4017 M5X30 A480	
240	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
250	312105-0367	-		4	SCREW M6S M6X14 A280	
260	315105-0146	-		4	BRICKA BRB5,3X10RFR	
310	90044-0139	A		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
320	90044-0310	A		1	KEY FOR SAFETY SWITCH, AZ 15/16 B1	
330	352103-0106	-		1	CABLE GLAND, ST 11, PR18,6/PG11	
400	312155-0329	-		2	SCREW EN 10642 MF6S M5X16 A480	
410	575034-0000	-		2	ROUND NUT	

Pos	Part No	SP	UN	Qty	Description	Page No



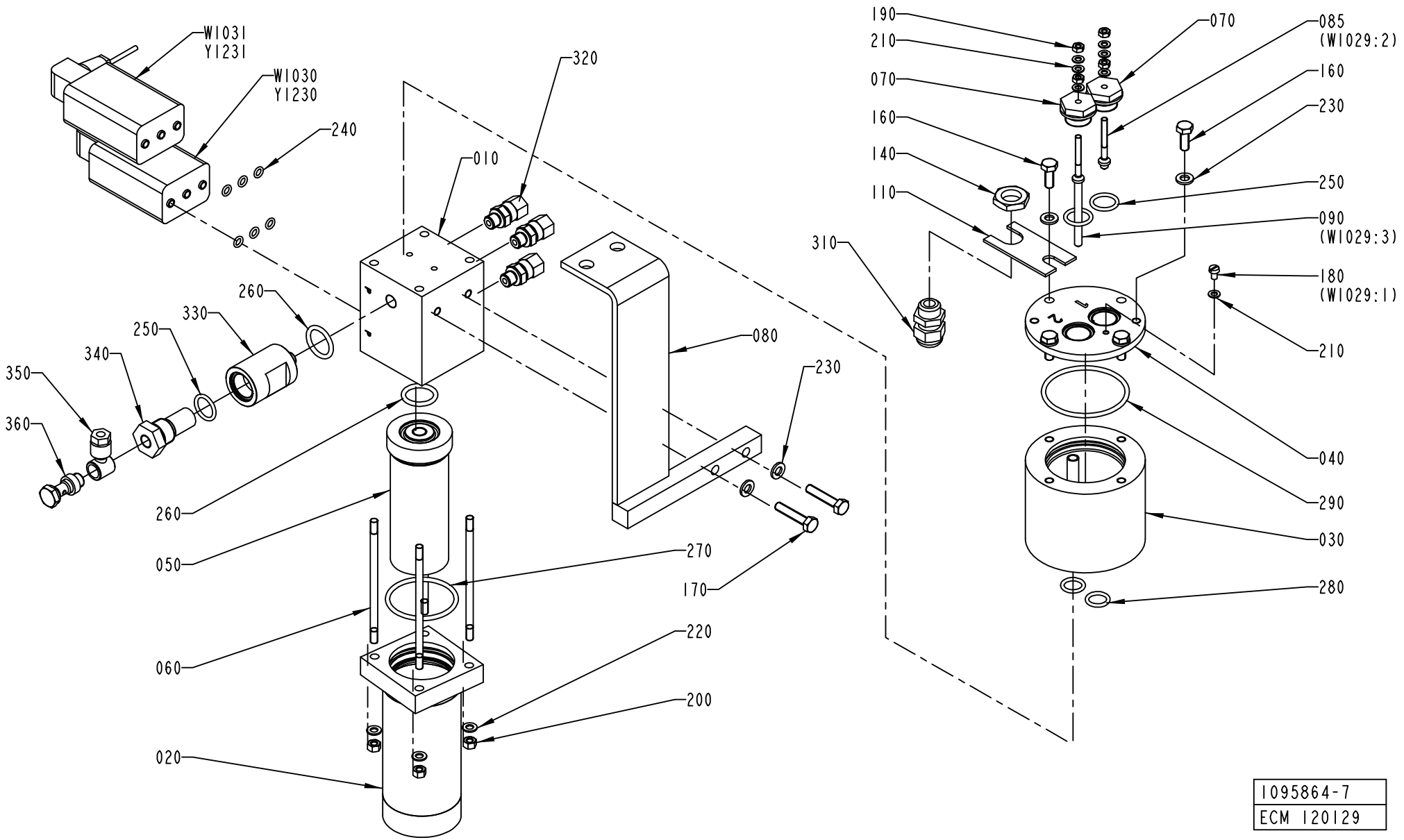
1317978-1
ECM 111701

ECM: 111736 - 20021216
Group number: 1317978-0100
Assembly Drawing: 1317978-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037079-0000	-		1	FRAME	
050	1037080-0000	-		1	GLASS PANE	
060	1037081-0000	B		1	GASKET	
100	271860-0000	-		1	CLAMP BLOCK	
110	441739-0000	-		4	WASHER	
120	1041979-0000	-		2	HINGE FLANGE	
130	1041978-0000	-		2	HINGE FLANGE	
140	1037048-0000	-		1	PLATE	
150	1037089-0000	-		1	SPACER	
160	441737-0000	-		2	WASHER	
200	311103-0413	-		2	PARALLEL PIN ISO 2338 8M6X50 A1	
210	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	
220	312109-0335	-		2	SCREW M6S ISO 4017 M5X30 A480	
240	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
250	312105-0367	-		2	SCREW M6S M6X14 A280	
255	312105-0449	-		1	SCREW M6S ISO 4017 M8X16 A480	
260	315105-0146	-		4	BRICKA BRB5,3X10RFR	
300	90347-0039	B		1	DAMPER	
310	90044-0139	A		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
320	90044-0310	A		1	KEY FOR SAFETY SWITCH, AZ 15/16 B1	
330	353243-0003	-		1	EXTENDED WITHOUT INSERT, PG11	
340	353249-0011	-		1	INSERT, SINGEL HOLE, EK 153/11	
400	312155-0329	-		2	SCREW EN 10642 MF6S M5X16 A480	
410	575034-0000	-		2	ROUND NUT	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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Y1230
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(W1029:1)
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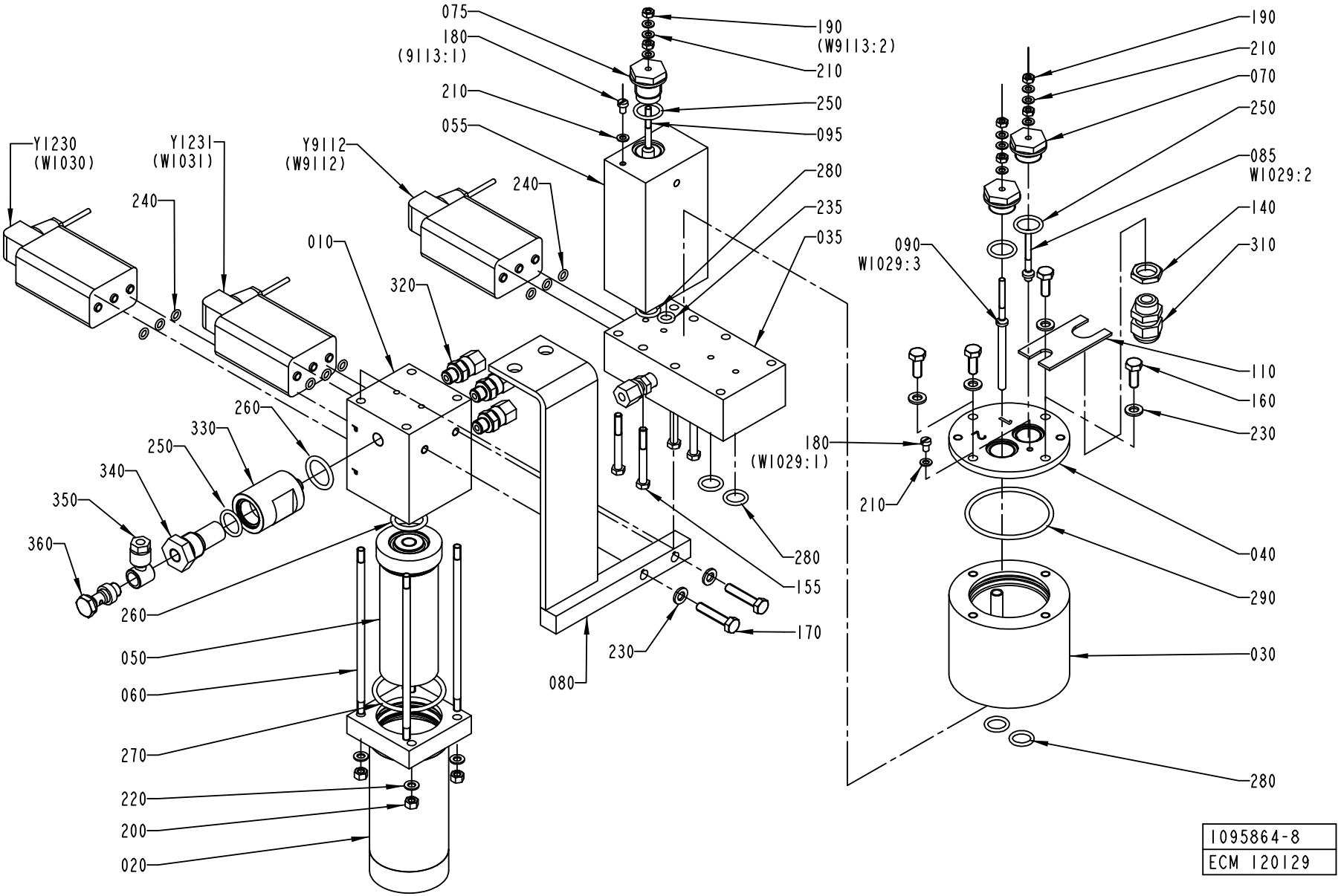
030
280
1095864-7
ECM 120129

ECM: 120143 - 20030303
Group number: 1095864-0300
Assembly Drawing: 1095864-7_1_AC

This list covers pages from 82 to 85

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 84)						
035	1140215-0000	A		1	BLOCK FITTING	
055	1140216-0000	A		1	SPRAY TANK	
060	1140221-0000	A		4	STUD	
075	560931-0000	A		1	BRACKET	
095	567070-0013	A		1	ELECTRODE	
155	312105-0340	-		4	SCREW M6S ISO 4014 M5X45 A480	
180	312125-0285	-		2	SCREW SLOT.PAN HD. MCS 4X6 A480	
190	312605-0312	-		6	HEXAGON NUT, M6M M4 A280	
210	315105-0136	-		11	WASHER BRB4,3XRFR	
235	315204-0206	A		1	O-RING 7,3X2,4 MM	
240	927420-0001	A		9	O-RING 5.1X1.6 SILICON	
250	927421-0004	A		3	O-RING 15.3X2.4 SILICON	
280	927421-0002	A		5	O-RING 12.3X2.4 SILICON	
310	352103-0101	-		2	CABLE GLAND, ST 9, PR15,2/PG9	
W9112	351150-0403	-	MM	2000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W9113	351150-0403	-	MM	2000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
Y9112	90042-0203	-		1	SOLENOID VALVE BURKERT	
NOHI (See drawing on page: 82)						
060	554585-0000	A		4	STUD SCREW	
180	312125-0285	-		1	SCREW SLOT.PAN HD. MCS 4X6 A480	
190	312605-0312	-		4	HEXAGON NUT, M6M M4 A280	
210	315105-0136	-		7	WASHER BRB4,3XRFR	
240	927420-0001	A		6	O-RING 5.1X1.6 SILICON	
250	927421-0004	A		3	O-RING 15.3X2.4 SILICON	
280	927421-0002	A		2	O-RING 12.3X2.4 SILICON	
Common Parts						
010	1487114-0000	A		1	BLOCK	
020	554142-0000	A		1	FILTER HOUSING	
030	1478170-0000	A		1	CONTAINER	
040	549267-0000	A		1	LID	
050	554141-0000	A		1	FILTER	
070	2578486-0000	A		2	BRACKET	
080	1484413-0000	-		1	BRACKET	
085	2559045-0004	A		1	ELECTRODE	
090	2559045-0003	A		1	ELECTRODE	
110	1040970-0000	-		1	BRACKET	
140	90099-0104	-		1	NUT, PR 15,2 (PG9)	
160	312105-0368	-		4	SCREW M6S M6X16 A280	
170	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
200	312605-0314	-		4	HEXAGON NUT, M6M M5 A280	
220	315105-0146	-		4	BRICKA BRB5,3X10RFR	
230	315105-0153	-		6	WASHER BRB6,4X12RFR	
260	927422-0001	A		2	O-RING 19.2X3 SILICON	
270	927422-0007	A		1	O-RING 44.2X3 SILICON	
290	927422-0009	A		1	O-RING 54.5X3 SILICON	
310	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
320	90030-0184	-		3	CONN. STR. GA-6-G1/8	
330	1519486-0000	-		1	FILTER HOUSE	
340	450833-0000	A		1	FILTER	
350	342797-0121	-		1	CONN. BANJO, RINGPIECE 6-1/8	
360	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
Y1230	90042-0203	-		1	SOLENOID VALVE BURKERT	
Y1231	90042-0203	-		1	SOLENOID VALVE BURKERT	

Machine Type | Group Description | Used-In | Group Number | Page No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(W1030)
Y1231
(W1031)
Y9112
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200
020
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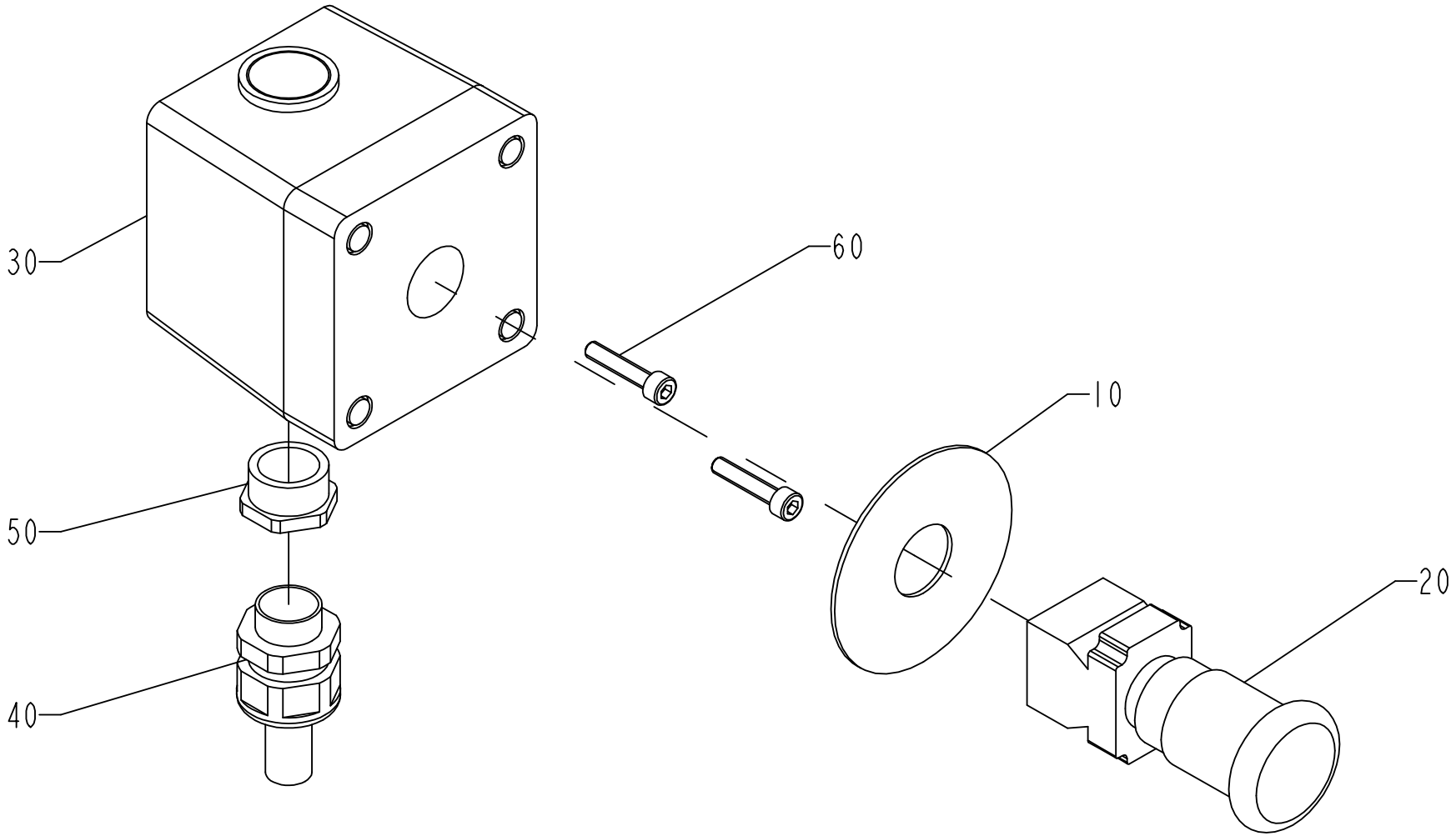
1095864-8
ECM 120129

ECM: 120143 - 20030303
Group number: 1095864-0300
Assembly Drawing: 1095864-8_1_AC

This list covers pages from 82 to 85

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 84)						
035	1140215-0000	A		1	BLOCK FITTING	
055	1140216-0000	A		1	SPRAY TANK	
060	1140221-0000	A		4	STUD	
075	560931-0000	A		1	BRACKET	
095	567070-0013	A		1	ELECTRODE	
155	312105-0340	-		4	SCREW M6S ISO 4014 M5X45 A480	
180	312125-0285	-		2	SCREW SLOT.PAN HD. MCS 4X6 A480	
190	312605-0312	-		6	HEXAGON NUT, M6M M4 A280	
210	315105-0136	-		11	WASHER BRB4,3XRFR	
235	315204-0206	A		1	O-RING 7,3X2,4 MM	
240	927420-0001	A		9	O-RING 5.1X1.6 SILICON	
250	927421-0004	A		3	O-RING 15.3X2.4 SILICON	
280	927421-0002	A		5	O-RING 12.3X2.4 SILICON	
310	352103-0101	-		2	CABLE GLAND, ST 9, PR15,2/PG9	
W9112	351150-0403	-	MM	2000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W9113	351150-0403	-	MM	2000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
Y9112	90042-0203	-		1	SOLENOID VALVE BURKERT	
NOHI (See drawing on page: 82)						
060	554585-0000	A		4	STUD SCREW	
180	312125-0285	-		1	SCREW SLOT.PAN HD. MCS 4X6 A480	
190	312605-0312	-		4	HEXAGON NUT, M6M M4 A280	
210	315105-0136	-		7	WASHER BRB4,3XRFR	
240	927420-0001	A		6	O-RING 5.1X1.6 SILICON	
250	927421-0004	A		3	O-RING 15.3X2.4 SILICON	
280	927421-0002	A		2	O-RING 12.3X2.4 SILICON	
Common Parts						
010	1487114-0000	A		1	BLOCK	
020	554142-0000	A		1	FILTER HOUSING	
030	1478170-0000	A		1	CONTAINER	
040	549267-0000	A		1	LID	
050	554141-0000	A		1	FILTER	
070	2578486-0000	A		2	BRACKET	
080	1484413-0000	-		1	BRACKET	
085	2559045-0004	A		1	ELECTRODE	
090	2559045-0003	A		1	ELECTRODE	
110	1040970-0000	-		1	BRACKET	
140	90099-0104	-		1	NUT, PR 15,2 (PG9)	
160	312105-0368	-		4	SCREW M6S M6X16 A280	
170	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
200	312605-0314	-		4	HEXAGON NUT, M6M M5 A280	
220	315105-0146	-		4	BRICKA BRB5,3X10RFR	
230	315105-0153	-		6	WASHER BRB6,4X12RFR	
260	927422-0001	A		2	O-RING 19.2X3 SILICON	
270	927422-0007	A		1	O-RING 44.2X3 SILICON	
290	927422-0009	A		1	O-RING 54.5X3 SILICON	
310	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
320	90030-0184	-		3	CONN. STR. GA-6-G1/8	
330	1519486-0000	-		1	FILTER HOUSE	
340	450833-0000	A		1	FILTER	
350	342797-0121	-		1	CONN. BANJO, RINGPIECE 6-1/8	
360	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
Y1230	90042-0203	-		1	SOLENOID VALVE BURKERT	
Y1231	90042-0203	-		1	SOLENOID VALVE BURKERT	

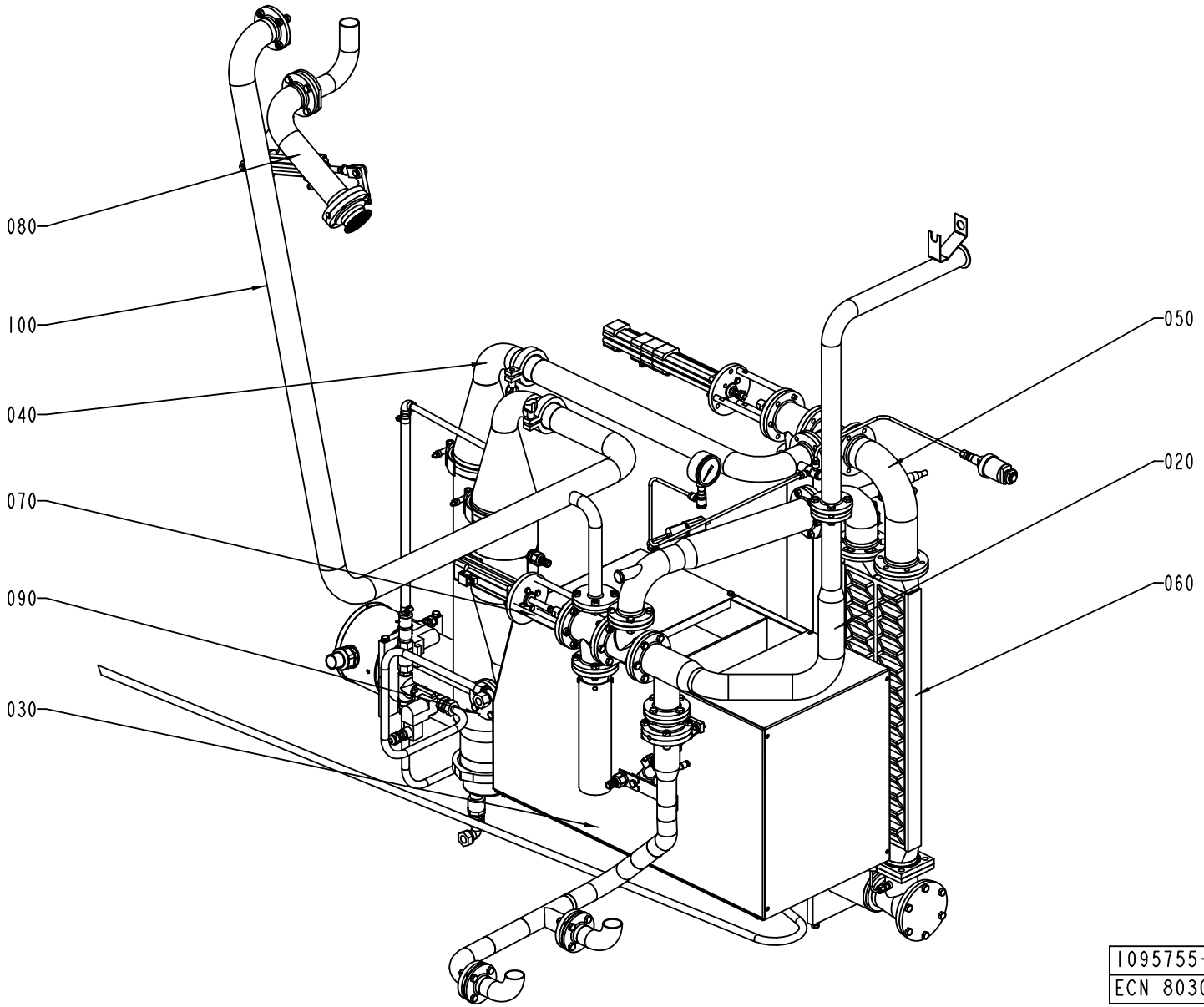


1035382-1
ECN 84613

ECM: 123045 - 20030102
Group number: 1035382-0100
Assembly Drawing: 1035382-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	486826-0001	-		1	SIGN "EMERGENCY STOP"	
020	90064-0124	B		1	SWITCH, EM. STOP, ZB2-BS844+ZB2-BZ1045	
030	90066-0021	-		1	PUSH BUTTON BOX XAP-M1501	
040	90012-0071	-		1	GLAND FITTING	
050	90089-0021	-		1	REDUCTION SLEEVE,PLASTIC GREY	
060	312115-0333	-		2	SCREW ISO4762 M5X25 A4	

Pos	Part No	SP	UN	Qty	Description	Page No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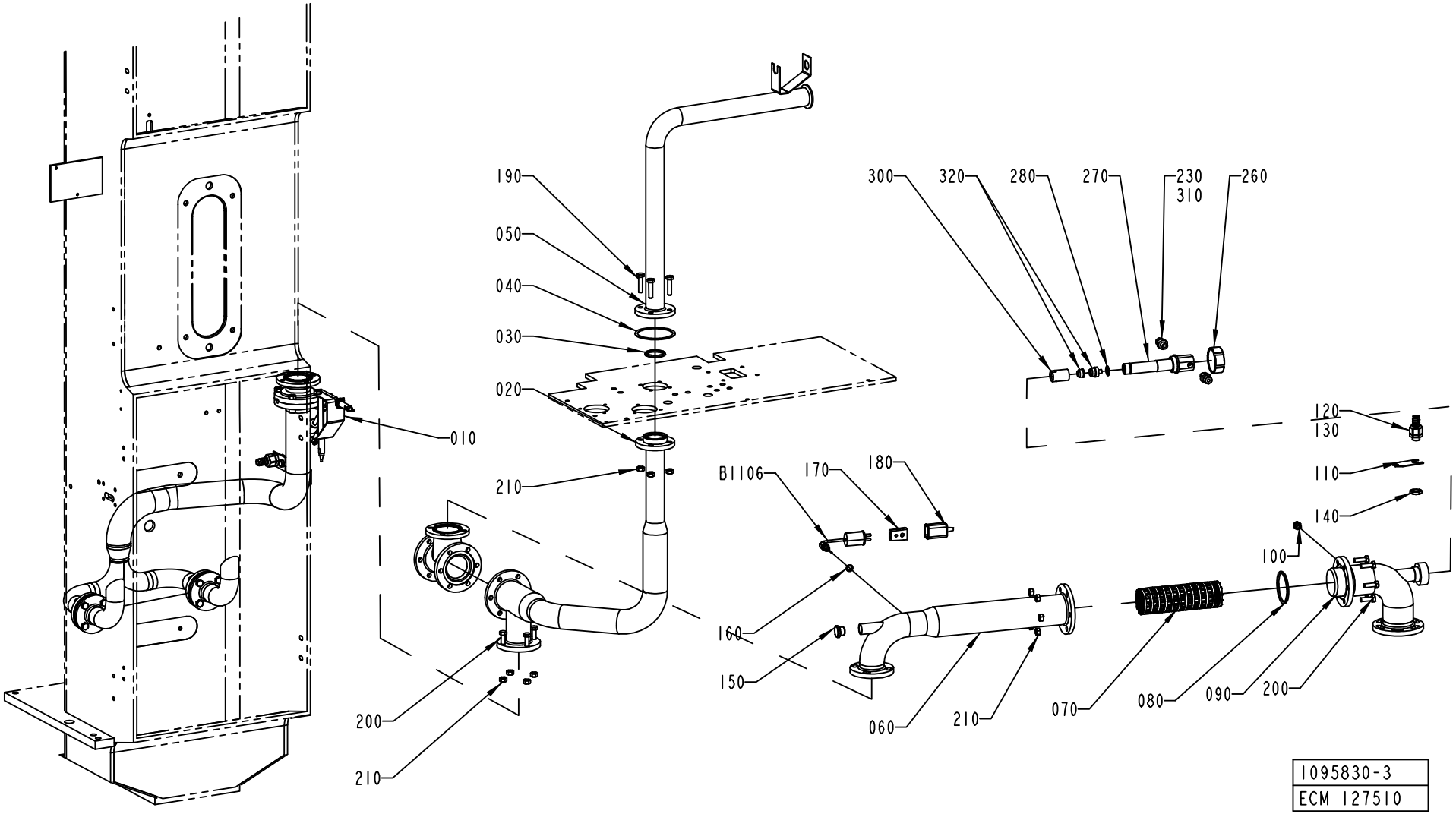
ECN 80308

ECM: 81287 - 20001012
Group number: 1095755-0200
Assembly Drawing: 1095755-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1095830-0300	-		1	PIPE-LINE	**91**
030	996475-0200	-		1	COMPRESSOR UNIT	**95**
040	1095754-0100	-		1	SEPARATOR	**97**
050	996477-0100	-		1	VALVE HEAT EXCHANGER	**99**
060	996478-0200	-		1	AIR SUPER-HEATER	**101, 103**
070	996479-0200	-		1	AIR VALVE	**105**
080	996481-0300	-		1	VALVE REF.POINT	**107**
090	996482-0100	-		1	PRESSURE REGULATOR	**109, 111**
100	996483-0300	-		1	SCRUBBER	**113**

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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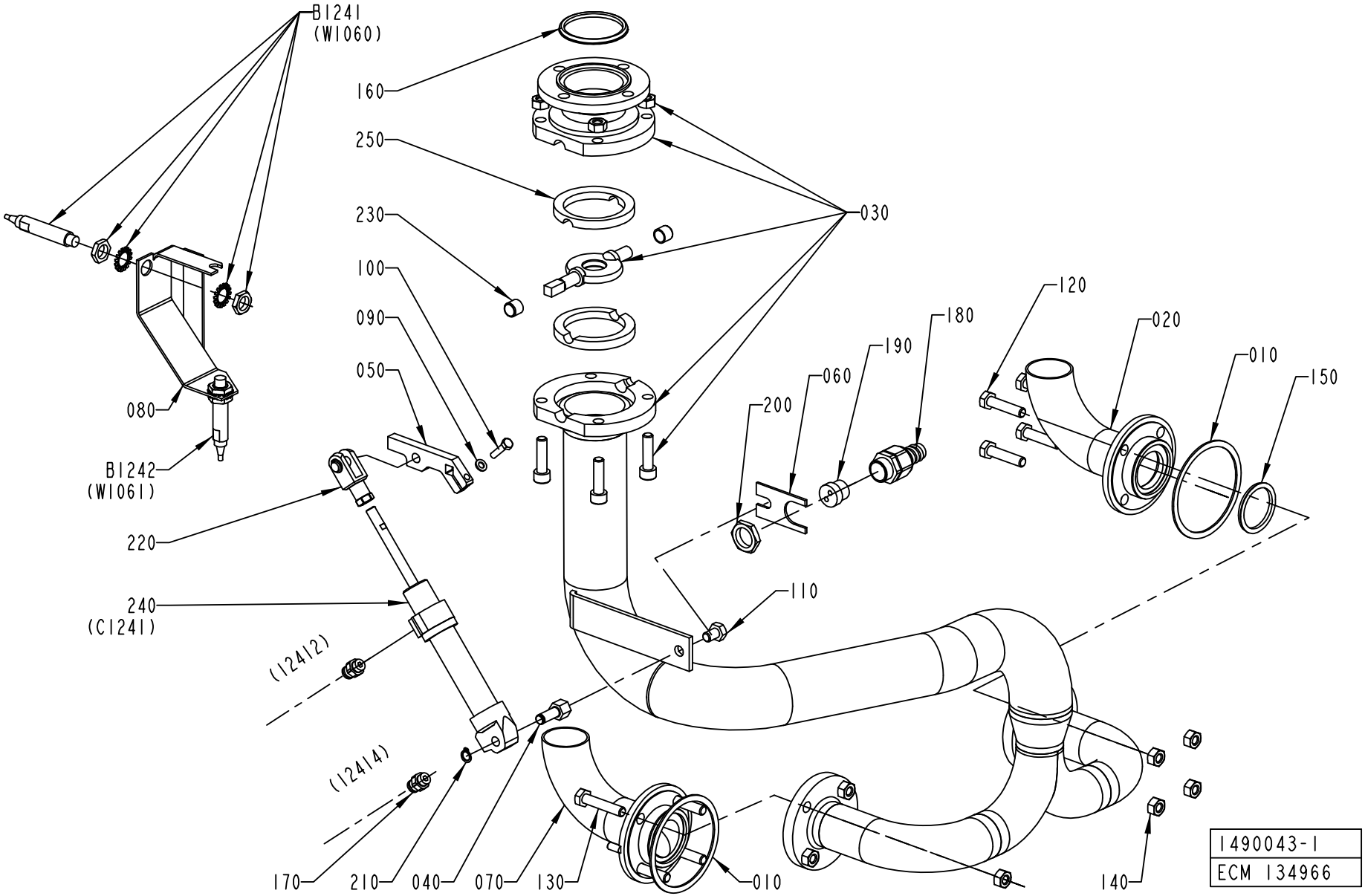
200
1095830-3
ECM 127510

ECM: 126696 - 20030511
Group number: 1095830-0300
Assembly Drawing: 1095830-3_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1490043-0100	-		1	BUTTERFLY VALVE	**93**
020	1129336-0000	-		1	PIPE	
030	315229-0204	B		1	GASKET 34,8X42,8X3,7 MM 1"1/2	
040	1036294-0000	B		1	GASKET	
050	1129344-0000	-		1	PIPE	
060	1498171-0000	A		1	PIPE	
070	1549526-0000	A		1	CONTAINER	
080	315229-0206	B		1	GASKET 60,2X68,2X3,7 MM 2"1/2	
090	1512320-0000	-		1	PIPE	
100	90330-0066	-		1	PLUG, EXT. G-THREAD, G1/8	
110	1036293-0000	-		1	HOLDER	
120	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
130	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
140	90099-0104	-		1	NUT, PR 15,2 (PG9)	
150	90330-0029	-		1	PLUG, EXT. G-THREAD, R-236R3/8	
160	273429-0000	-		1	WASHER	
170	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
180	90326-0012	-		1	PROTECTIVE COVER, T31A4618	
190	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
200	312105-0453	-		10	SCREW M6S ISO 4017 M8X25 A480	
210	312605-0318	-		14	HEXAGON NUT, M6M M8 A280	
230	90030-0202	-		2	CONN. STR., 6-G1/4, EXT. THREAD	
260	1512405-0000	-		1	NUT	
270	2563760-0000	-		1	EXTENSION	
280	2563762-0000	A		1	SPACER	
300	2563761-0000	-		1	NUT	
310	90144-0007	-		1	TAPE	
320	2563759-0000	A		1	SPRAY SYSTEM	
B1106	90326-0051	A		1	THERMOCOUPLE, 12826-33	

Pos	Part No	SP	UN	Qty	Description	Page No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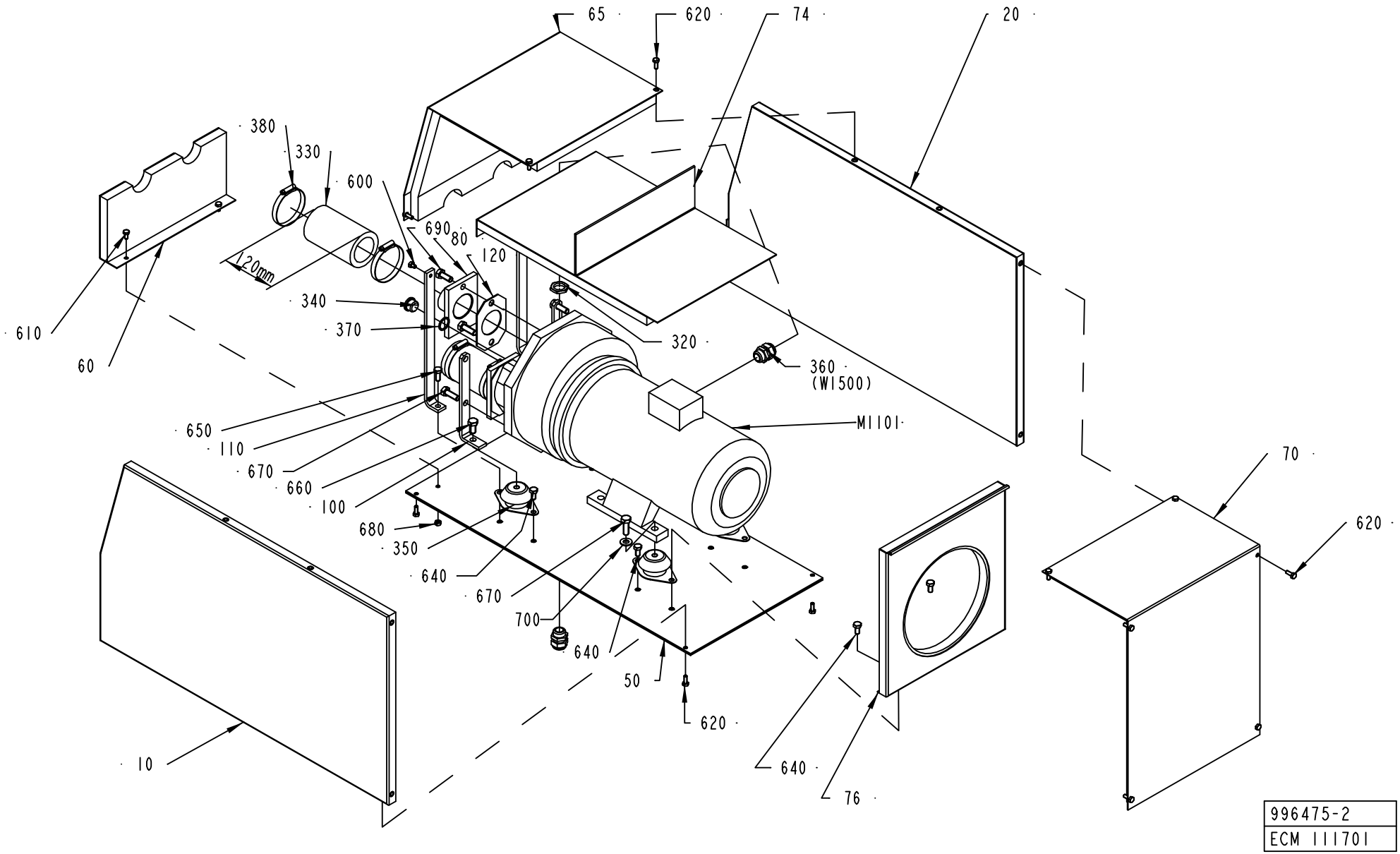
ECM 134966

ECM: 134968 - 20030825
Group number: 1490043-0100
Assembly Drawing: 1490043-1_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036294-0000	A		2	GASKET	
020	1255957-0000	-		1	PIPE	
030	2552488-0000	-		1	PIPE	
040	1349762-0000	-		1	SHAFT	
050	2503593-0000	A		1	LEVER	
060	1487263-0000	-		1	BRACKET	
070	2611387-0000	-		1	PIPE	
080	1558396-0000	-		1	SWITCH BRACKET	
100	312105-0331	-		1	SCREW M6S ISO 4017 M5X20 A480	
110	312105-0447	-		1	SCREW M6S ISO 4017 M8X12 A480	
120	312109-0457	-		7	SCREW M6S ISO 4017 M8X35 A480	
130	312109-0459	-		1	SCREW M6S ISO 4017 M8X40 A480	
140	312605-0318	-		8	HEXAGON NUT, M6M M8 A280	
150	315229-0204	A		2	GASKET 34,8X42,8X3,7 MM 1"1/2	
160	315229-0205	A		1	GASKET 47,5X55,5X3,7 MM 2"	
170	342722-0202	-		2	PIPE COUPLING 1/8" D=6MM	
180	353243-0002	-		1	EXTENDED WITHOUT INSERT, PG11	
190	353249-0036	-		1	INSERT, MULTI HOLE, EK152 M 2X4	
200	90099-0117	-		1	NUT, PR 18,6 (PG11)	
210	90141-0015	-		1	RETAIN. RING, 8	
220	90239-0532	A		1	ROD END, CLEVIS WITH AXLE M8X1,25	
230	90240-0302	A		2	BUSHING	
240	90239-0822	A		1	DOUBLE ACTING, MINI-ISO, CYL.20-50	
250	1487261-0000	A		2	SEAL RING	
B1241	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B1242	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	

Pos	Part No	SP	UN	Qty	Description	Page No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640
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700
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620
10
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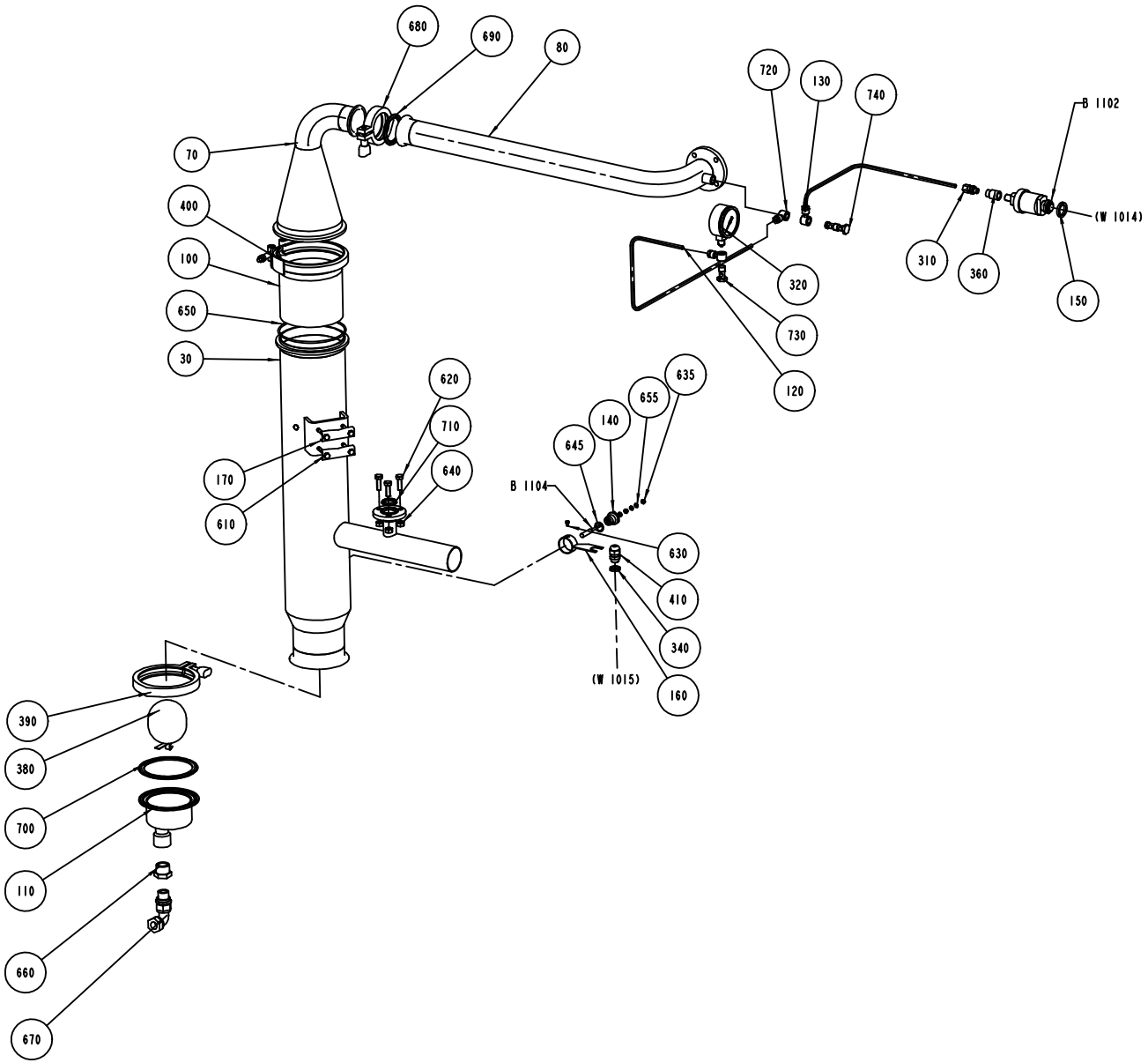
76
70
620
996475-2
ECM 111701

ECM: 112759 - 20021216
Group number: 996475-0200
Assembly Drawing: 996475-2_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1040859-0000	-		1	COVER	
020	1040874-0000	-		1	COVER	
050	1036314-0000	-		1	BOTTOM PANEL	
060	1036315-0000	-		1	FRONT PLATE	
065	1040875-0000	-		1	COVER	
070	1040876-0000	-		1	COVER	
074	1040877-0000	-		1	PLATE	
076	1040878-0000	-		1	PLATE	
080	1036318-0000	-		2	PIPE	
100	269859-0000	-		2	BRACKET	
110	1036319-0000	-		2	BRACKET	
120	230551-0000	A		2	GASKET	
320	90099-0110	-		1	NUT, PR 22,5 (PG16)	
330	90166-0199	A	MM	240	RUBBER HOSE	
340	342713-0213	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-120	
350	90347-0144	-		4	VIBRATION DAMPER, NO. RA 40EM-A	
360	352103-0111	-		2	CABLE GLAND, ST 16, PR22,5/PG16	
370	315234-0113	A		1	WASHER PL.RND.CU.21,3//26 H=1,5	
380	342991-0111	-		4	HOSE CLIP,WORM DRIVE TYPE (63)-73	
600	312105-0362	-		2	SCREW M6S ISO 4017 M6X8 A480	
610	312105-0366	-		2	SCREW M6S M6X12 A280	
620	312105-0368	-		14	SCREW M6S M6X16 A280	
640	312105-0449	-		6	SCREW M6S ISO 4017 M8X16 A480	
650	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
660	312105-0491	-		2	SCREW M6S ISO 4017 M10X20 A480	
670	312105-0495	-		6	SCREW M6S ISO 4017 M10X30 A480	
680	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
690	312105-0493	-		4	SCREW M6S ISO 4017 M10X25 A480	
700	315105-0173	-		2	WASHER BRB10,5X22RFR	
M1101	90270-0017	A		1	COMPRESSOR NASH/ELMO 112 MB/4-2083	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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ECM: 111166 - 20020628
Group number: 1095754-0100
Assembly Drawing: 1095754-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
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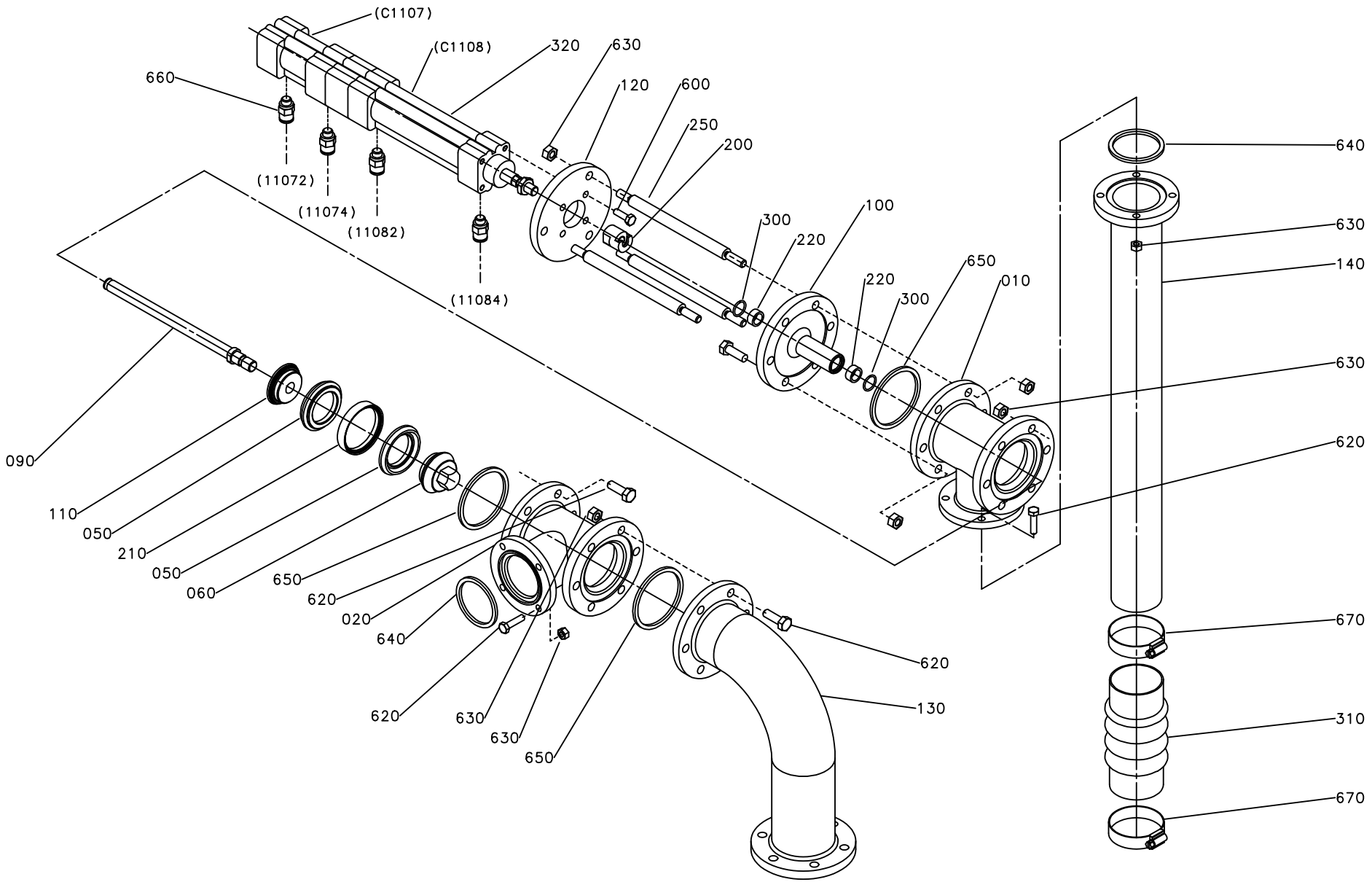
030	1038866-0000	-		1	INTERMEDIARY SECTION	
070	1036753-0000	-		1	UPPER SECTION	
080	1036760-0000	-		1	PIPE	
100	546929-0000	A		1	FILTER	
110	1038634-0000	-		1	DRAINING	
120	1038356-0000	-		1	PIPE	
130	1129204-0000	-		1	PIPE	
140	560931-0000	A		1	BRACKET	
150	479234-0000	-		1	WASHER	
160	1036810-0000	-		1	HOLDER	
170	1036811-0000	-		2	CLAMP	
310	90030-0184	-		1	CONN. STR. GA-6-G1/8	
320	90043-0095	B		1	PRESSURE GAUGE, 2740, D=63 MM, GLYC.	
330	90157-0037	A	L	1	SEALING COMPOUND	
340	90099-0104	-		1	NUT, PR 15,2 (PG9)	
360	90330-0012	-		1	SLEEVE, REDUCTION, INT, R-2021/4X1/8	
380	90360-0305	A		1	FLOAT, ART NO 10739920	
390	342840-0108	-		1	CLAMP, 101,6 MM 3-A PCS+PMCS	
400	90132-0030	-		1	HOLDER MV 87177 KS 580T	
410	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
610	312105-0381	-		4	SCREW M6S ISO 4014 M6X55 A480	
620	312105-0453	-		3	SCREW M6S ISO 4017 M8X25 A480	
630	312125-0285	-		1	SCREW SLOT.PAN HD. MCS 4X6 A480	
635	312605-0312	-		2	HEXAGON NUT, M6M M4 A280	
640	312605-0318	-		3	HEXAGON NUT, M6M M8 A280	
645	315204-0213	A		1	O-RING 15,2X2,4 MM	
650	315204-0317	A		1	O-RING 129,5X3 MM	
655	315105-0136	-		3	WASHER BRB4,3XRFR	
660	342206-0109	-		1	BUSHING, TAPERED, INT/EXT. THRÿNO. R211	
670	342738-0221	-		1	ADJUSTABLE ELBOW CONNECTION,EXT 15-G1/2	
680	342840-0105	-		1	CLAMPING PIECE	
690	342850-0405	A		1	GASKET 47,8X62,6X5,2 MM 2" FDA	
700	342850-0408	A		1	GASKET 97X117,7X5,2 MM 4" FDA	
710	315229-0203	A		1	GASKET 34,8X42,8X3,7 MM 1"1/2	
720	342797-0122	-		3	CONN. BANJO, RINGPIECE 6-1/4	
730	342980-0304	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/4"	
740	342980-0314	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.02-G1/4"	
B1102	90274-0045	A		1	PRESSURE GUARD, 14 KPA	
B1104	979500-0003	A		1	ELECTRODE	

Pos	Part No	SP	UN	Qty	Description	Page No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ECM: 111161 - 20020628
Group number: 996477-0100
Assembly Drawing: 996477-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
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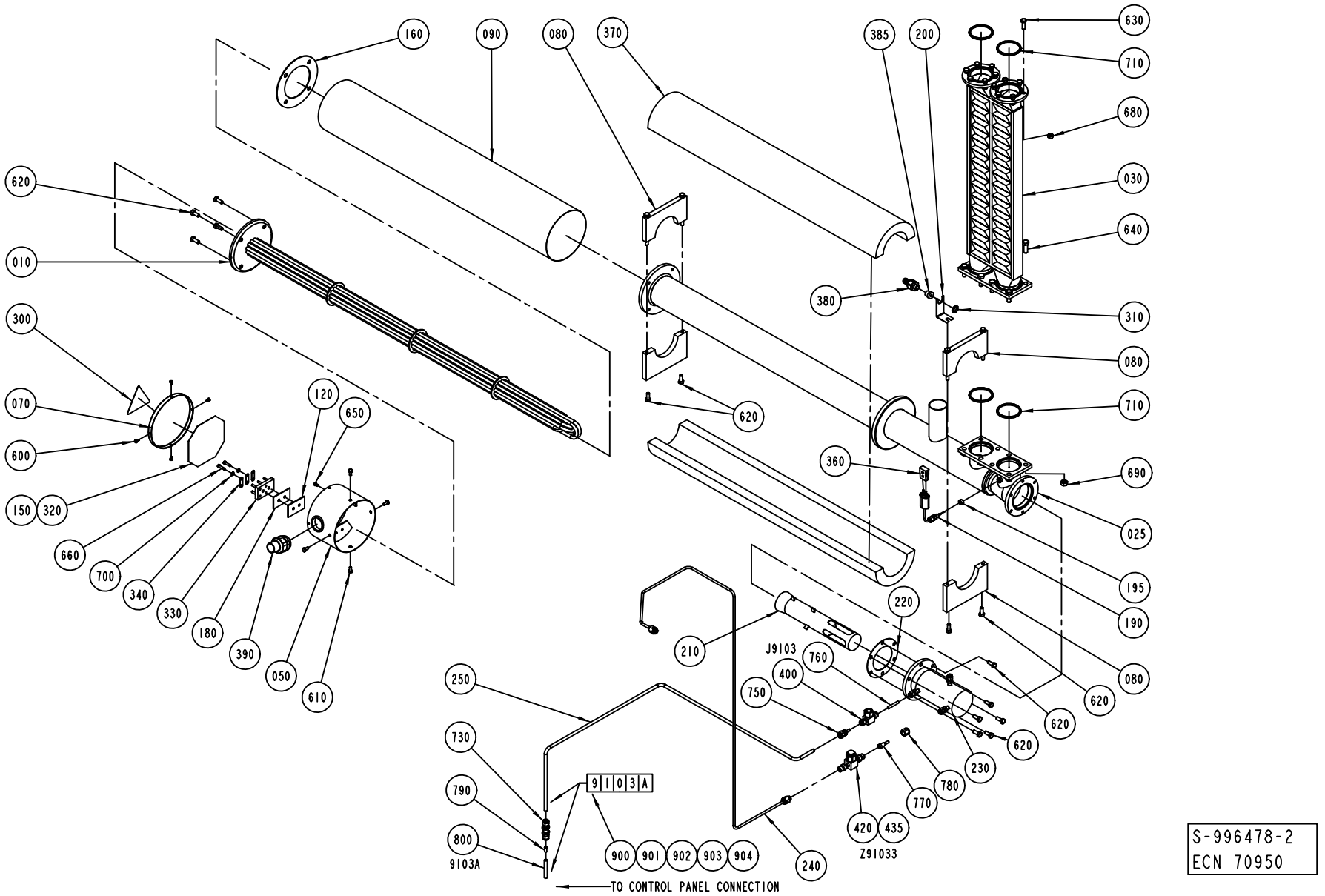
010	1036187-0000	-		1	T-PIPE	
020	1036194-0000	-		1	T-PIPE	
050	530589-0000	A		2	SEAL RING	
060	530590-0000	A		1	VALVE CONE	
090	1036188-0000	-		1	SHAFT	
100	1036189-0000	-		1	SPINDLE GUIDE	
110	1036191-0000	-		1	SEAL HOLDER	
120	1036193-0000	-		1	CYLINDER BRACKET	
130	1036586-0000	-		1	PIPE	
140	1036587-0000	-		1	PIPE	
200	441871-0000	A		1	PENDULUM SUSPENSION	
210	530599-0000	-		1	RING	
220	532349-0000	A		2	PLAIN BEARING	
250	1036604-0000	-		3	SPACER ROD	
300	90141-0022	A		2	SNAP RING B 16	
310	90342-0022	A		1	BELLOWS	
320	90450-0305	A		1	CYLINDER	
600	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
620	312105-0453	-		23	SCREW M6S ISO 4017 M8X25 A480	
630	312605-0318	-		29	HEXAGON NUT, M6M M8 A280	
640	315229-0205	A		2	GASKET 47,5X55,5X3,7 MM 2"	
650	315229-0206	A		3	GASKET 60,2X68,2X3,7 MM 2"1/2	
660	342722-0202	-		4	PIPE COUPLING 1/8" D=6MM	
670	342991-0109	-		2	HOSE CLIP,WORM DRIVE TYPE (48)-50	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No



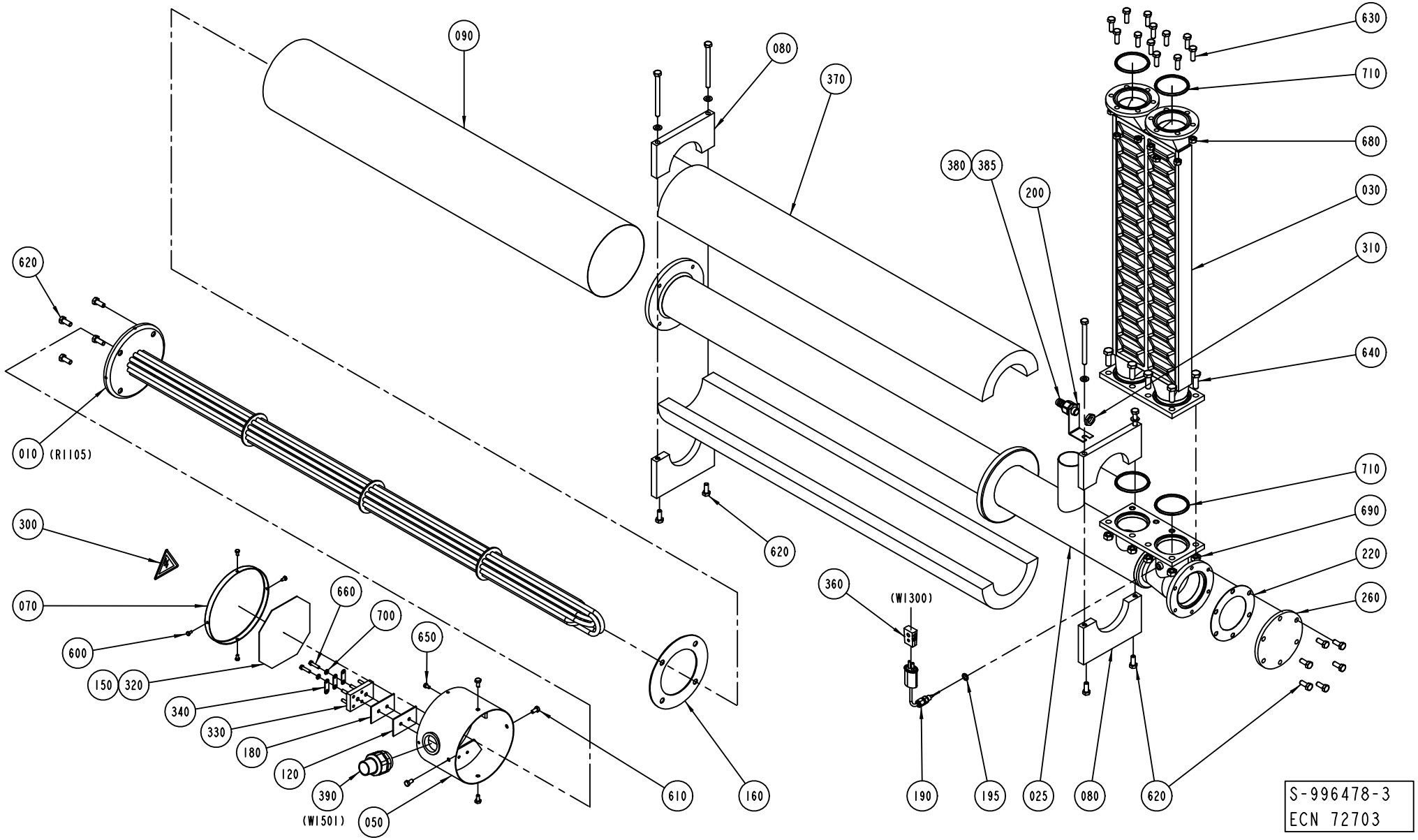
S-996478-2
ECN 70950

ECM: 111152 - 20020628
Group number: 996478-0200
Assembly Drawing: 996478-2_1_AB

This list covers pages from 100 to 103

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 100)						
210	927413-0000	-		1	PIPE	
230	927415-0000	-		1	COIL	
240	1254478-0000	-		1	PIPE	
250	1347937-0000	-		1	PIPE	
400	90230-0064	A		1	CHECK VALVE, 6 MM HIGH TEMP.	
420	1254484-0000	A		1	FILTER	
435	90277-0347	A		1	FILTER	
620	312105-0451	-		14	SCREW M6S ISO 4017 M8X20 A480	
730	90030-0598	-		1	CONN. BULKHEAD SV 8-	
750	90030-0597	-		1	REDUCTION, M6 TUR M8-316	
760	1347932-0000	-		1	PIPE	
770	1347414-0000	A		1	ADAPTER	
780	90030-0321	-		1	NUT,PIPE & CONNECTORS, SS-4-VCO-4	
790	342706-0148	-		1	ACCESSORIES, INSERT SLEEVE 8 MM	
800	90166-0013	-	MM	3000	TUBE 8 MM PA BLUE	
900	359000-0400	-		3	MARKING CO2/4"0"	
901	359000-0401	-		3	MARKING COLLAR 2/4 "1" YELLOW	
902	359000-0403	-		3	MARKING COLLAR PA2/4 "3" YELLOW	
903	359000-0409	-		3	MARKING COLLAR PA2/4 "9" YELLOW	
904	359000-0750	-		3	MARKING CO2/4"A"	
NOHI (See drawing on page: 102)						
260	1348953-0000	-		1	FLANGE	
620	312105-0451	-		8	SCREW M6S ISO 4017 M8X20 A480	
Common Parts						
010	449939-0001	A		1	HEATING ELEMENT 15KW	
	449938-0003	*C*		*2*	*HEATING PIPE*	
	449938-0002	*C*		*2*	*HEATING PIPE*	
	449938-0001	*C*		*2*	*HEATING PIPE*	
025	927411-0000	-		1	HEATING PIPE	
030	1035943-0000	A		1	HEAT EXCHANGER	
050	451430-0000	-		1	CONNECTION HOUS.(MINOR)	
	312605-0312	*-*		*4*	*HEXAGON NUT, M6M M4 A280*	
070	29876-0000	-		1	COVER	
080	456123-0000	-		2	SUPPORT	
	315105-0165	*-*		*2*	*WASHER BRB8,4X16RFR*	
	312105-0471	*-*		*2*	*SCREW M6S ISO 4014 M8X100 A480*	
090	1036372-0000	-		1	PIPE	
120	30298-0000	-		1	INSULATION	
150	491305-0000	-		1	CONN.DIAGRAM AIR SUPERH.	
160	531731-0000	A		1	GASKET	
180	751009-0000	-		1	INSULATION	
190	90326-0051	A		1	THERMOCOUPLE, 12826-33	
195	273429-0000	-		1	WASHER	
200	1036373-0000	-		1	HOLDER	
220	927454-0000	-		1	GASKET	
300	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
310	90099-0104	-		1	NUT, PR 15,2 (PG9)	
320	90153-0020	-	L	1	ADHESIVE, BOSTIK 1782 125ML	
330	90195-0028	A		1	TERM.BLOCK 6-POLE STEATIT	
340	90195-0029	-		3	CONN. LINK NO324 FOR -28	
360	90326-0020	A		1	PLUG, FEMALE YELLOW CR-AL	
370	90411-0005	-	MM	900	INSULATOR	
380	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
385	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
390	90012-0126	-		1	NORMAL WITHOUT INSERT, PG29	
600	312105-0287	-		4	SCREW M6S ISO4017 M4X8 A480	
610	312105-0366	-		4	SCREW M6S M6X12 A280	
630	312105-0453	-		12	SCREW M6S ISO 4017 M8X25 A480	
640	312105-0495	-		8	SCREW M6S ISO 4017 M10X30 A480	
650	312125-0323	-		1	SCREW PAN HEAD MCS M5X8 SS	
660	312125-0331	-		2	SCREW PAN HEAD MCS M5X20 SS	
680	312605-0318	-		12	HEXAGON NUT, M6M M8 A280	
690	312605-0320	-		8	HEXAGON NUT, M6M M10 A280	
700	315105-0146	-		2	BRICKA BRB5,3X10RFR	
710	315229-0206	A		4	GASKET 60,2X68,2X3,7 MM 2"1/2	

Machine Type	Group Description	Used-In	Group Number	Page No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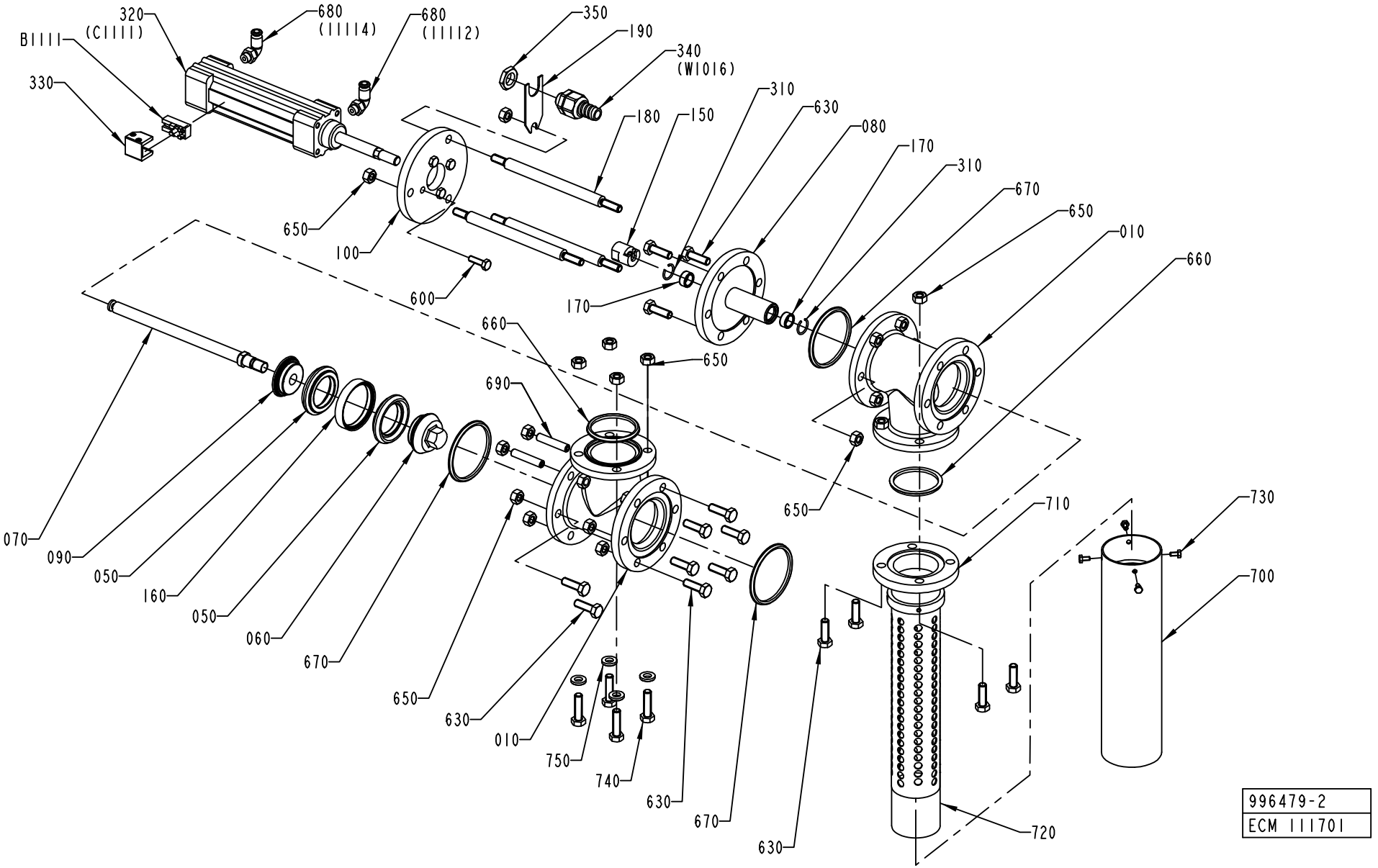
S-996478-3
ECN 72703

ECM: 111152 - 20020628
Group number: 996478-0200
Assembly Drawing: 996478-3_1_AA

This list covers pages from 100 to 103

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 100)						
210	927413-0000	-		1	PIPE	
230	927415-0000	-		1	COIL	
240	1254478-0000	-		1	PIPE	
250	1347937-0000	-		1	PIPE	
400	90230-0064	A		1	CHECK VALVE, 6 MM HIGH TEMP.	
420	1254484-0000	A		1	FILTER	
435	90277-0347	A		1	FILTER	
620	312105-0451	-		14	SCREW M6S ISO 4017 M8X20 A480	
730	90030-0598	-		1	CONN. BULKHEAD SV 8-	
750	90030-0597	-		1	REDUCTION, M6 TUR M8-316	
760	1347932-0000	-		1	PIPE	
770	1347414-0000	A		1	ADAPTER	
780	90030-0321	-		1	NUT,PIPE & CONNECTORS, SS-4-VCO-4	
790	342706-0148	-		1	ACCESSORIES, INSERT SLEEVE 8 MM	
800	90166-0013	-	MM	3000	TUBE 8 MM PA BLUE	
900	359000-0400	-		3	MARKING CO2/4"0"	
901	359000-0401	-		3	MARKING COLLAR 2/4 "1" YELLOW	
902	359000-0403	-		3	MARKING COLLAR PA2/4 "3" YELLOW	
903	359000-0409	-		3	MARKING COLLAR PA2/4 "9" YELLOW	
904	359000-0750	-		3	MARKING CO2/4"A"	
NOHI (See drawing on page: 102)						
260	1348953-0000	-		1	FLANGE	
620	312105-0451	-		8	SCREW M6S ISO 4017 M8X20 A480	
Common Parts						
010	449939-0001	A		1	HEATING ELEMENT 15KW	
	449938-0003	*C*		*2*	*HEATING PIPE*	
	449938-0002	*C*		*2*	*HEATING PIPE*	
	449938-0001	*C*		*2*	*HEATING PIPE*	
025	927411-0000	-		1	HEATING PIPE	
030	1035943-0000	A		1	HEAT EXCHANGER	
050	451430-0000	-		1	CONNECTION HOUS.(MINOR)	
	312605-0312	*-*		*4*	*HEXAGON NUT, M6M M4 A280*	
070	29876-0000	-		1	COVER	
080	456123-0000	-		2	SUPPORT	
	315105-0165	*-*		*2*	*WASHER BRB8,4X16RFR*	
	312105-0471	*-*		*2*	*SCREW M6S ISO 4014 M8X100 A480*	
090	1036372-0000	-		1	PIPE	
120	30298-0000	-		1	INSULATION	
150	491305-0000	-		1	CONN.DIAGRAM AIR SUPERH.	
160	531731-0000	A		1	GASKET	
180	751009-0000	-		1	INSULATION	
190	90326-0051	A		1	THERMOCOUPLE, 12826-33	
195	273429-0000	-		1	WASHER	
200	1036373-0000	-		1	HOLDER	
220	927454-0000	-		1	GASKET	
300	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
310	90099-0104	-		1	NUT, PR 15,2 (PG9)	
320	90153-0020	-	L	1	ADHESIVE, BOSTIK 1782 125ML	
330	90195-0028	A		1	TERM.BLOCK 6-POLE STEATIT	
340	90195-0029	-		3	CONN. LINK NO324 FOR -28	
360	90326-0020	A		1	PLUG, FEMALE YELLOW CR-AL	
370	90411-0005	-	MM	900	INSULATOR	
380	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
385	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
390	90012-0126	-		1	NORMAL WITHOUT INSERT, PG29	
600	312105-0287	-		4	SCREW M6S ISO4017 M4X8 A480	
610	312105-0366	-		4	SCREW M6S M6X12 A280	
630	312105-0453	-		12	SCREW M6S ISO 4017 M8X25 A480	
640	312105-0495	-		8	SCREW M6S ISO 4017 M10X30 A480	
650	312125-0323	-		1	SCREW PAN HEAD MCS M5X8 SS	
660	312125-0331	-		2	SCREW PAN HEAD MCS M5X20 SS	
680	312605-0318	-		12	HEXAGON NUT, M6M M8 A280	
690	312605-0320	-		8	HEXAGON NUT, M6M M10 A280	
700	315105-0146	-		2	BRICKA BRB5,3X10RFR	
710	315229-0206	A		4	GASKET 60,2X68,2X3,7 MM 2"1/2	

Machine Type | Group Description | Used-In | Group Number | Page No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996479-2
ECM 111701

ECM: 112378 - 20021216
Group number: 996479-0200
Assembly Drawing: 996479-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
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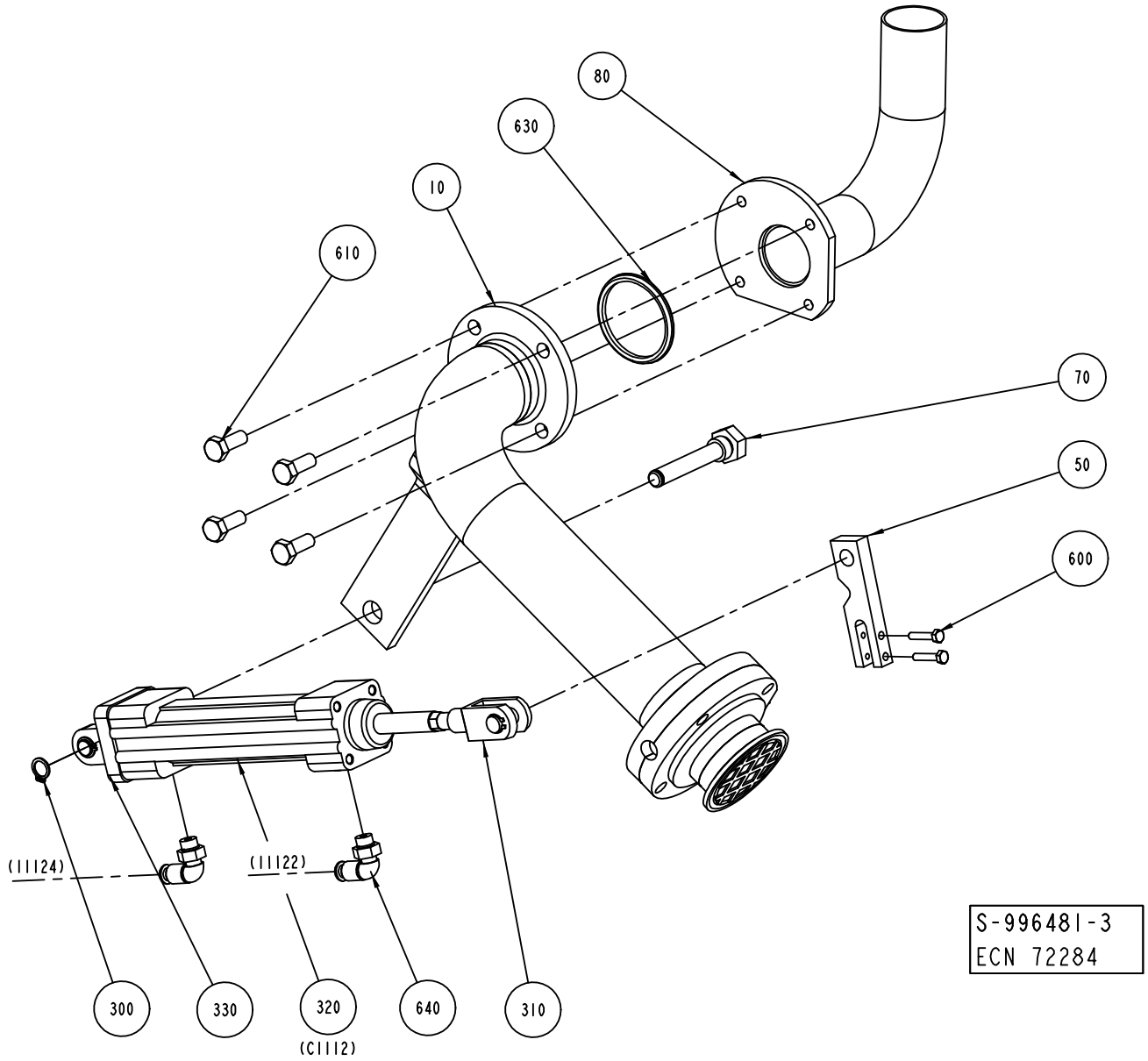
010	1036187-0000	-		2	T-PIPE	
050	530589-0000	A		2	SEAL RING	
060	530590-0000	-		1	VALVE CONE	
070	1036188-0000	-		1	SHAFT	
080	1036189-0000	A		1	SPINDLE GUIDE	
090	1036191-0000	A		1	SEAL HOLDER	
100	1036193-0000	-		1	CYLINDER BRACKET	
150	441871-0000	A		1	PENDULUM SUSPENSION	
160	530599-0000	A		1	RING	
170	532349-0000	A		2	PLAIN BEARING	
180	1036192-0000	-		3	SPACER ROD	
190	1036293-0000	-		1	HOLDER	
310	90141-0022	A		2	SNAP RING B 16	
320	90450-0281	A		1	DOUBLE ACTING,PROF.CYL 32-80	
330	90450-0669	A		1	SENSOR, BRACKET SERIES 168	
340	90012-0123	-		1	GLAND FITTING	
350	90099-0104	-		1	NUT, PR 15,2 (PG9)	
600	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
630	312105-0453	-		17	SCREW M6S ISO 4017 M8X25 A480	
650	312605-0318	-		31	HEXAGON NUT, M6M M8 A280	
660	315229-0205	B		2	GASKET 47,5X55,5X3,7 MM 2"	
670	315229-0206	-		3	GASKET 60,2X68,2X3,7 MM 2"1/2	
680	90458-2956	-		2	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/8	
690	312318-0459	-		2	SCREW ISO4029 M8X40 A4	
700	1511503-0000	-		1	PIPE	
710	1517482-0000	-		1	TUBE	
720	1517483-0000	-		1	NET	
730	312105-0287	-		4	SCREW M6S ISO4017 M4X8 A480	
740	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
750	315115-0165	-		4	WASHER PLAIN, TBRB 8,4/16 H=3	
B1111	90457-0047	A		1	SENSOR 2750-1-5111-1 W.ADAPTER PNP	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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S-996481-3
ECN 72284

ECM: 111162 - 20020628
Group number: 996481-0300
Assembly Drawing: 996481-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
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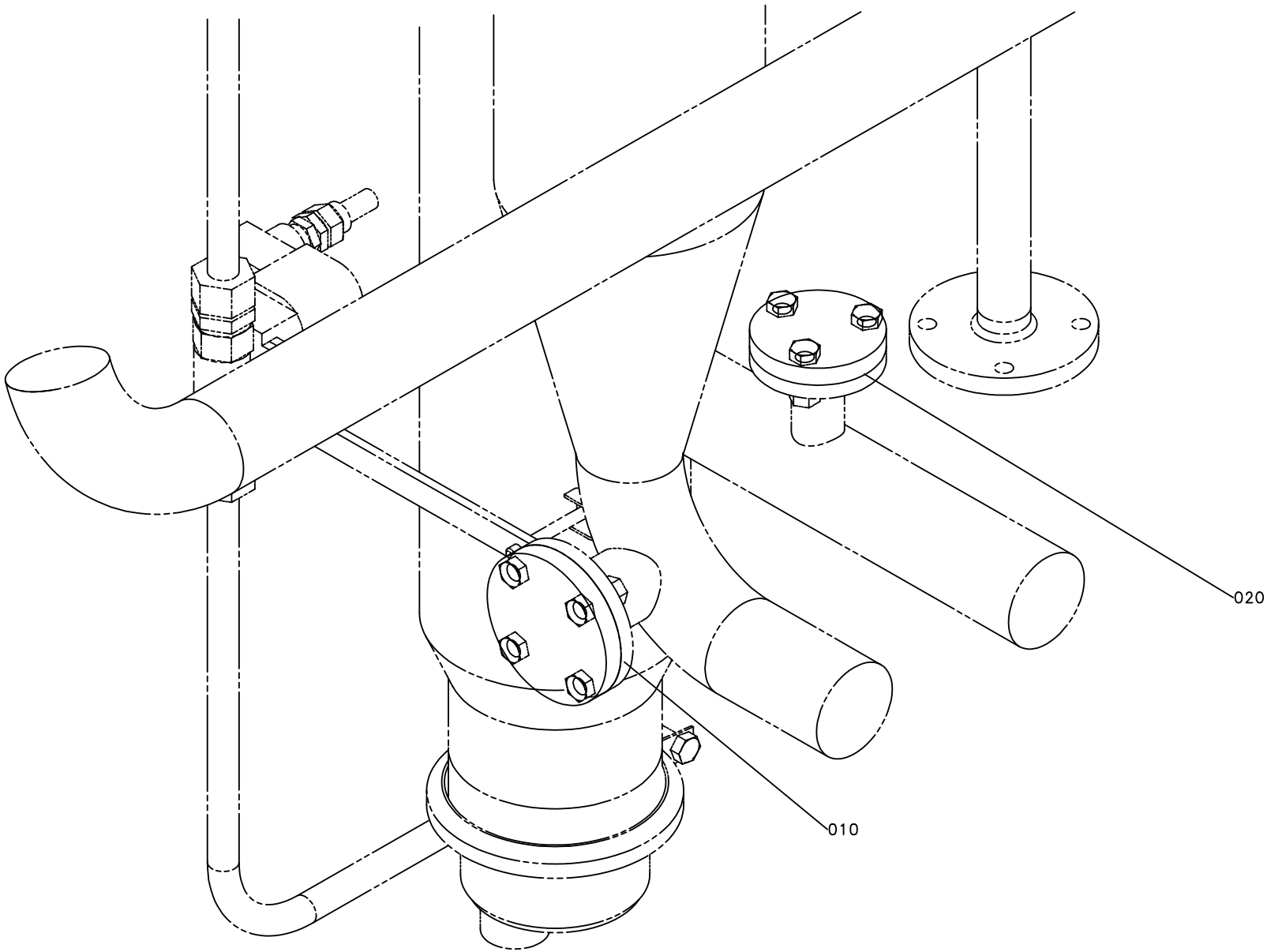
010	1487224-0000	-		1	PIPE	
050	1037128-0000	-		1	BRACKET	
070	1038340-0000	-		1	SCREW	
080	1350774-0000	-		1	PIPE BEND	
300	90141-0016	-		1	RETAIN. RING, 10	
310	90239-0516	B		1	ROD END, CLEVIS WITH AXLE M10X1,25	
320	90450-0281	A		1	DOUBLE ACTING,PROF.CYL 32-80	
330	90450-0654	-		1	BRACKET,REAR,EYE WITH AXLE 32	
600	312105-0295	-		2	SCREW M6S ISO4017 M4X20 A480	
610	312105-0452	-		4	SCREW M6S ISO 4017 M8X22 A480	
630	315229-0205	A		1	GASKET 47,5X55,5X3,7 MM 2"	
640	342732-0102	-		2	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/8	

Pos	Part No	SP	UN	Qty	Description	Page No

PRESSURE REGULATOR

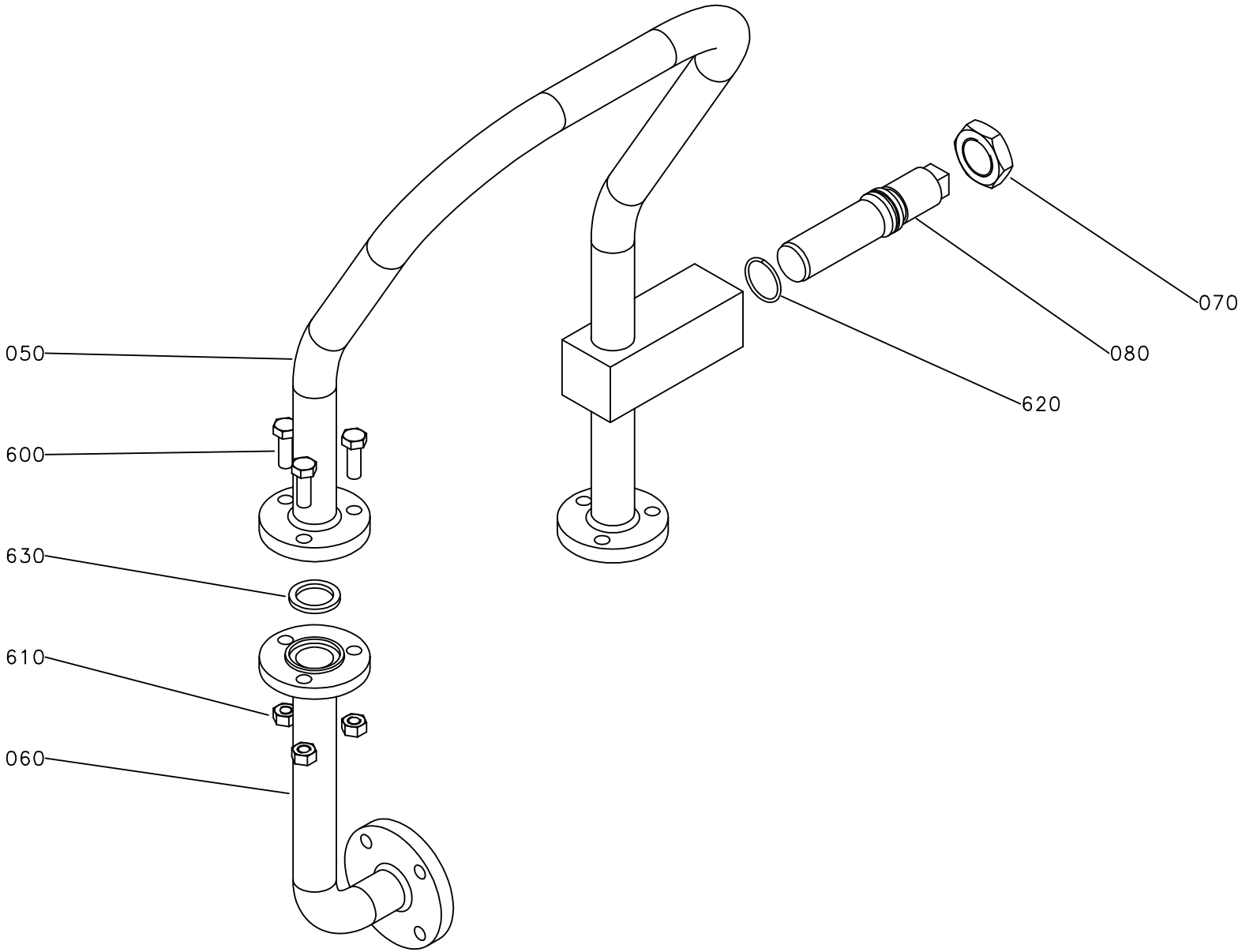


ECM: 111163 - 20020628
Group number: 996482-0100
Assembly Drawing: 996482-1_1_AA

This list covers pages from 108 to 111

Pos	Part No	SP	UN	Qty	Description	Page No
50HZ (See drawing on page: 108)						
010	1037268-0000	-		1	LID	
020	1037129-0000	-		1	LID	
60HZ (See drawing on page: 110)						
050	1037266-0000	-		1	PIPE	
060	1037267-0000	-		1	PIPE	
070	442237-0000	-		1	NUT	
080	490998-0000	-		1	THROTTLE SCREW	
600	312105-0453	-		3	SCREW M6S ISO 4017 M8X25 A480	
610	312605-0318	-		3	HEXAGON NUT, M6M M8 A280	
620	315202-0119	A		1	O-RING 25,1X1,6 MM	
630	315229-0203	A		1	GASKET 34,8X42,8X3,7 MM 1"1/2	

Pos	Part No	SP	UN	Qty	Description	Page No

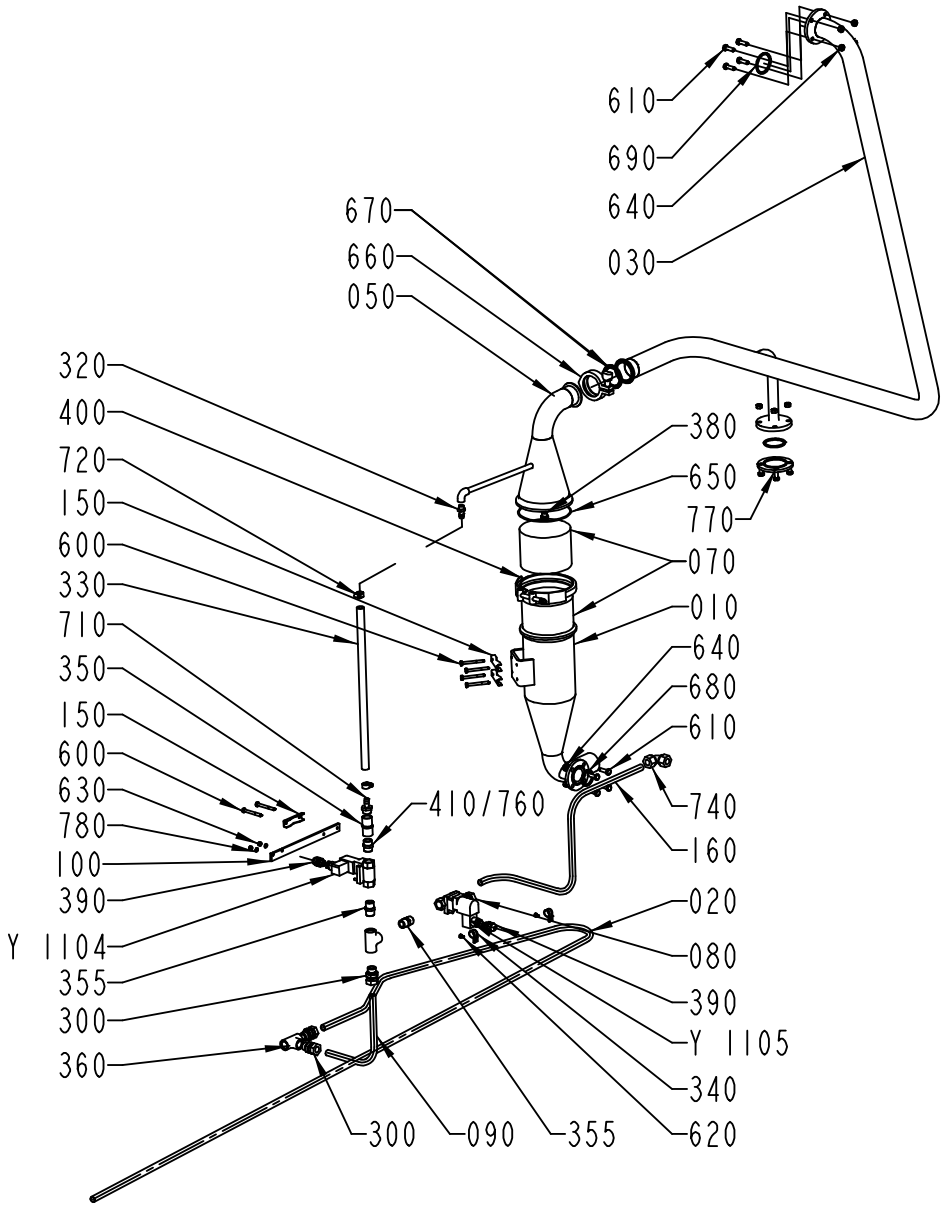

050
600
630
610
060
620
080
070

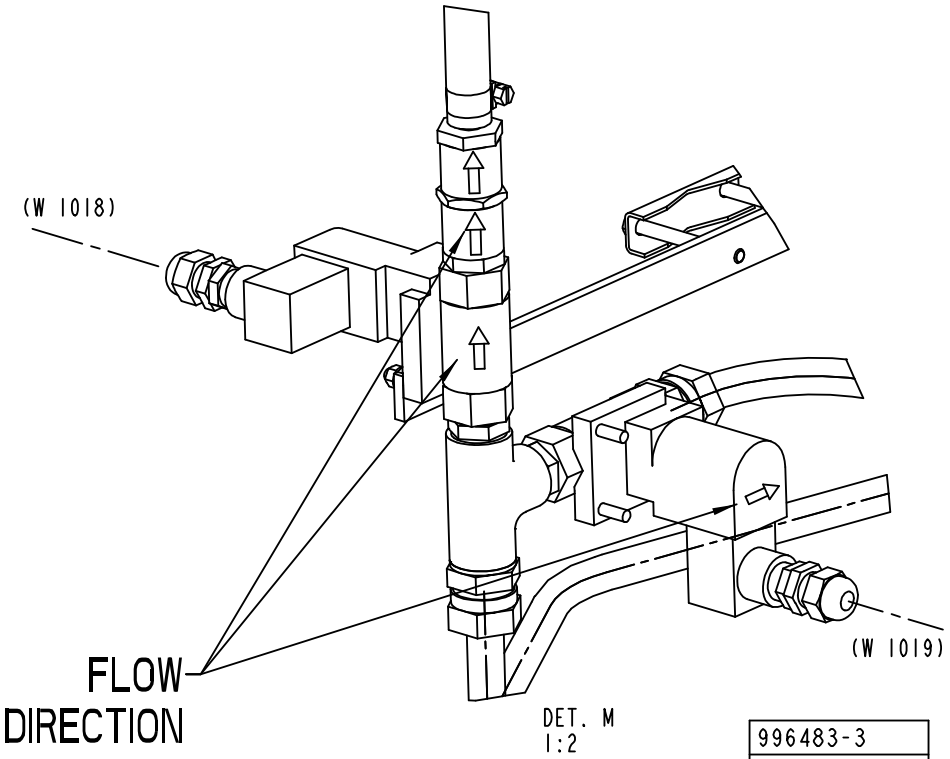
ECM: 111163 - 20020628
Group number: 996482-0100
Assembly Drawing: 996482-2_1_AA

This list covers pages from 108 to 111

Pos	Part No	SP	UN	Qty	Description	Page No
50HZ (See drawing on page: 108)						
010	1037268-0000	-		1	LID	
020	1037129-0000	-		1	LID	
60HZ (See drawing on page: 110)						
050	1037266-0000	-		1	PIPE	
060	1037267-0000	-		1	PIPE	
070	442237-0000	-		1	NUT	
080	490998-0000	-		1	THROTTLE SCREW	
600	312105-0453	-		3	SCREW M6S ISO 4017 M8X25 A480	
610	312605-0318	-		3	HEXAGON NUT, M6M M8 A280	
620	315202-0119	A		1	O-RING 25,1X1,6 MM	
630	315229-0203	A		1	GASKET 34,8X42,8X3,7 MM 1"1/2	

Pos	Part No	SP	UN	Qty	Description	Page No





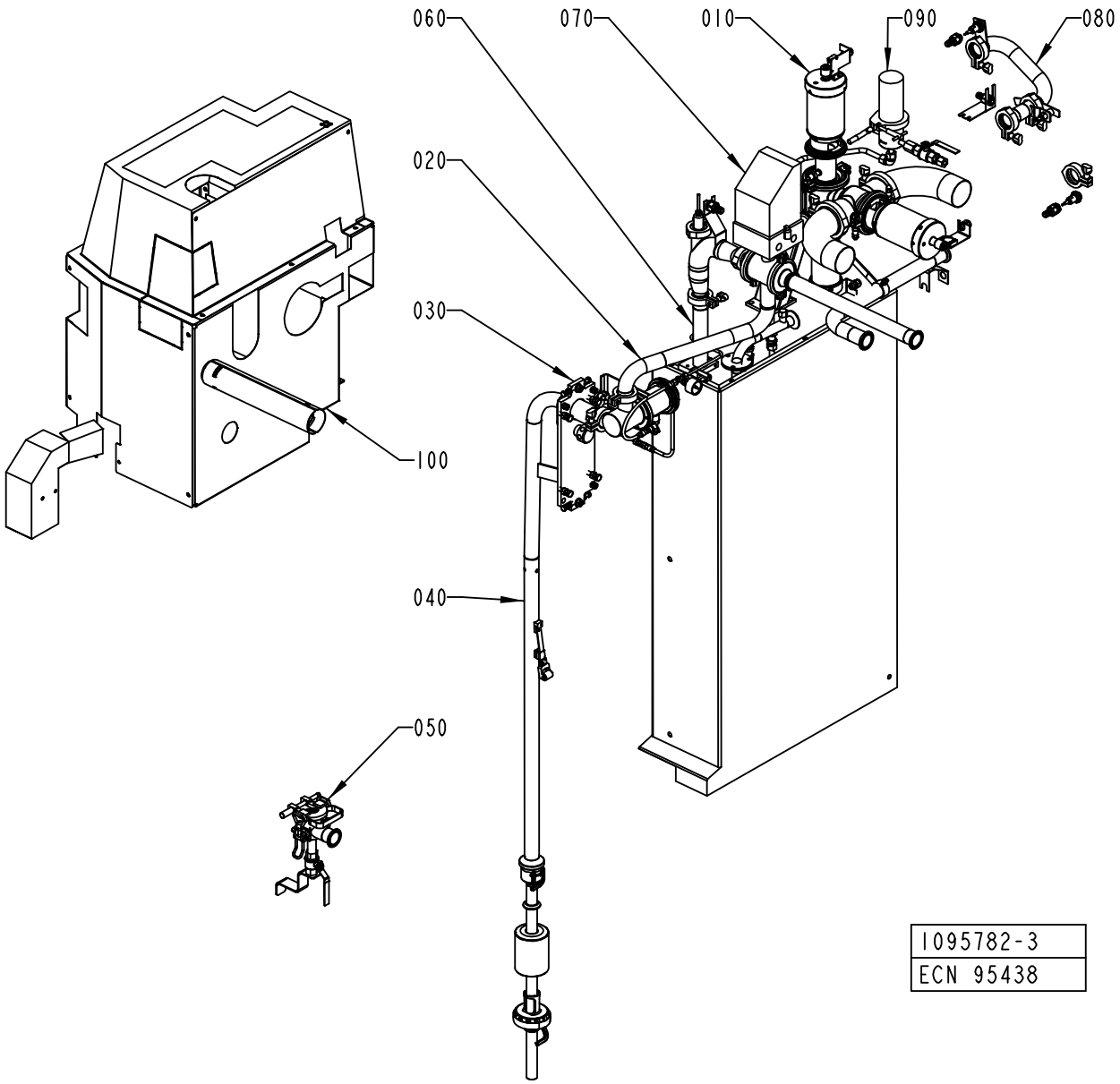
DET. M
1:2

996483-3
ECN 87923

ECM: 89253 - 20010406
Group number: 996483-0300
Assembly Drawing: 996483-3_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036911-0000	-		1	CONTAINER	
020	1129173-0000	-		1	PIPE	
030	1037008-0000	-		1	PIPE	
050	1036910-0000	-		1	UPPER SECTION	
070	546929-0000	A		2	FILTER	
080	1038659-0000	-		1	STRAIGHT PIPE UNION	
090	1037011-0000	-		1	PIPE	
100	1037041-0000	-		1	HOLDER	
150	1036811-0000	-		3	CLAMP	
160	1103393-0000	-		1	PIPE	
300	90030-0188	-		3	CONN. STR. GA-15-G1/2	
320	90163-0052	-		1	HOSE NIPPLE, EXT.THR. 1/4-12 MM	
330	90166-0121	A	MM	450	HOSE	
340	90165-0039	-		2	PIPE CLAMP, RSGU 1.15/12, D=15 MM	
350	90270-0349	A		1	CONSTANT FLOW VALVE, 1/2"X1/2" 2GPM	
355	90330-0021	-		2	NIPPLES, EXT. THREAD. R-207R1/2	
360	90330-0049	-		2	T-PIPE, INT. THREAD, R-221R1/2	
380	90424-0054	A		1	SPRAY NOZZLE 120 DEG	
390	352103-0101	-		2	CABLE GLAND, ST 9, PR15,2/PG9	
400	90132-0030	-		1	HOLDER MV 87177 KS 580T	
410	90144-0073	-		1	TREBOFLON-TAPE W=13MM	
600	312105-0381	-		6	SCREW M6S ISO 4014 M6X55 A480	
610	312105-0453	-		12	SCREW M6S ISO 4017 M8X25 A480	
620	312125-0323	-		2	SCREW PAN HEAD MCS M5X8 SS	
630	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
640	312605-0318	-		12	HEXAGON NUT, M6M M8 A280	
650	315204-0317	B		1	O-RING 129,5X3 MM	
660	342840-0105	-		1	CLAMPING PIECE	
670	342850-0405	B		1	GASKET 47,8X62,6X5,2 MM 2" FDA	
680	315229-0204	B		1	GASKET 34,8X42,8X3,7 MM 1"1/2	
690	315229-0205	B		2	GASKET 47,5X55,5X3,7 MM 2"	
710	342901-0105	-		1	HOSE NIPPLE, EXT.THR. R1/2-12 MM	
720	342991-0101	-		2	HOSE CLIP,WORM DRIVE TYPE (13)-16	
740	342737-0221	-		1	CONN. ELBOW W-15 LRFR	
760	479261-0000	-		1	NIPPLE	
770	1498746-0000	-		1	PLUG	
780	315105-0146	-		2	BRICKA BRB5,3X10RFR	
Y1104	90042-0172	A		1	SOLENOID VALVE 4023/1005/1032 24VDC	
	90042-0467	*A*		*1*	*COIL 24VDC GSR*	
Y1105	90042-0172	A		1	SOLENOID VALVE 4023/1005/1032 24VDC	
	90042-0467	*A*		*1*	*COIL 24VDC GSR*	

Machine Type	Group Description	Used-In	Group Number	Page No

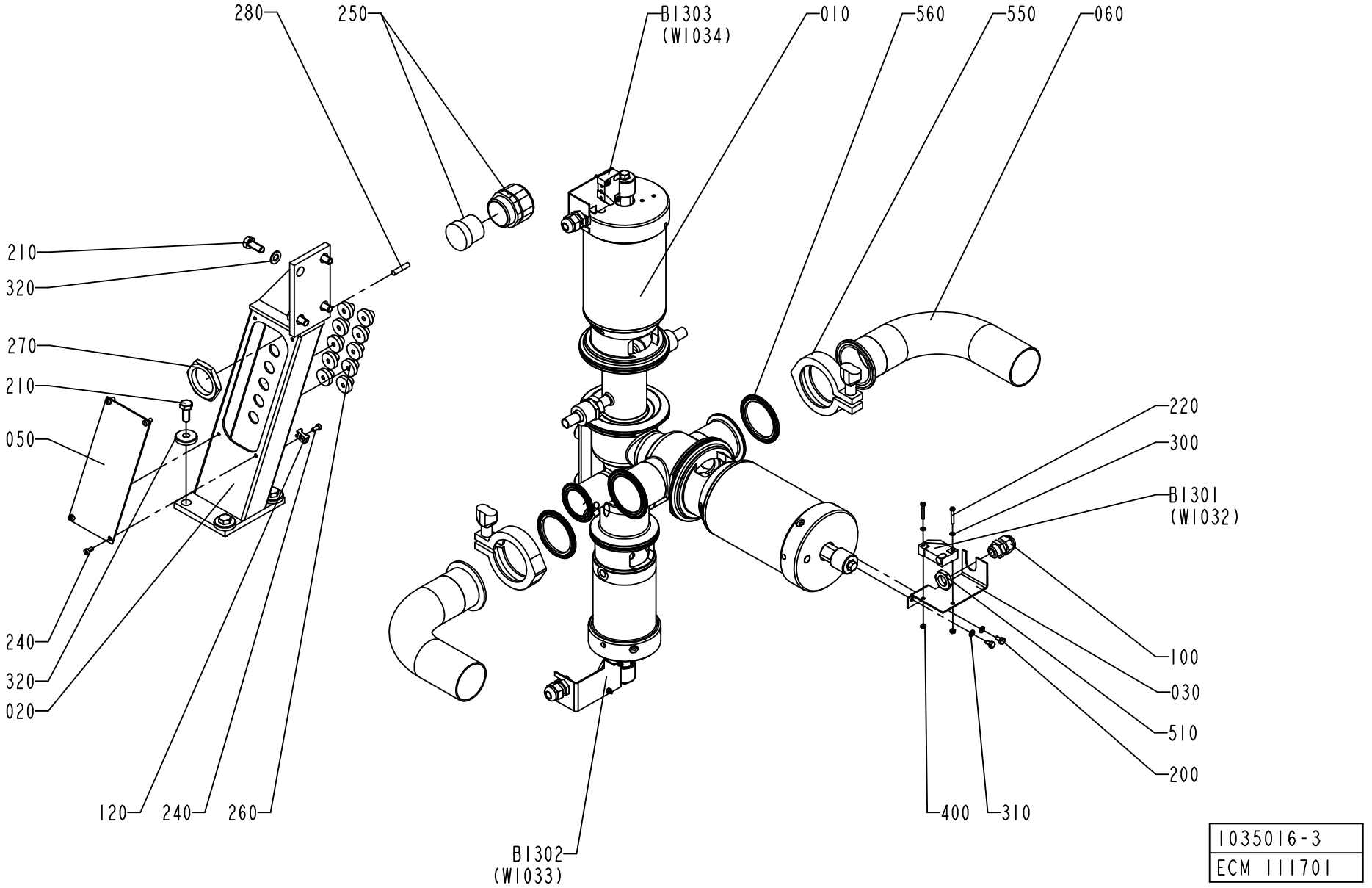

060
070
010
090
080
020
030
100
040
050
1095782-3
ECN 95438

ECM: 95441 - 20010712
Group number: 1095782-0300
Assembly Drawing: 1095782-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1035016-0300	-		1	PRODUCT VALVE GROUP	**117**
020	1095774-0300	-		1	FLOW REGULATOR	**133, 135**
030	1334992-0100	-		1	FASTENING PLATE	**141, 143**
040	1334991-0100	-		1	FILLING PIPE	**145, 147, 149**
050	1334990-0100	-		1	CLEANING CUP	**151**
060	1095781-0200	-		1	CLEANING PIPE	**153, 155**
070	1035259-0200	-		1	INTERMEDIATE PART	**157, 159**
080	1035107-0300	-		1	CIP SWITCH	**161**
090	1346549-0200	-		1	STEAM SYSTEM	**163**
100	1095685-0200	-		1	PROTECTION	**165**

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

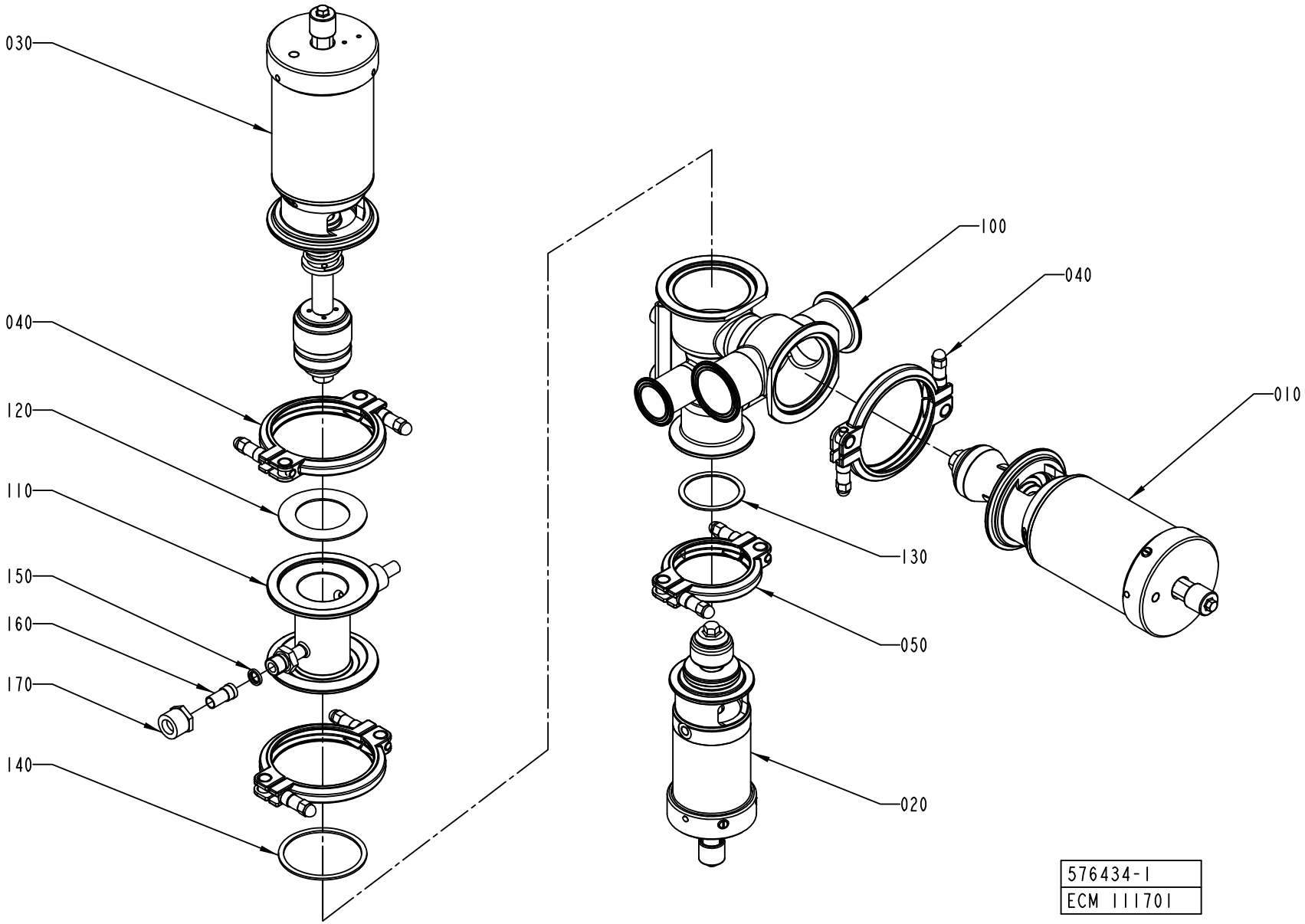

280
250
B1303
(W1034)
010
560
550
060
210
320
270
210
050
240
320
020
120
240
260
B1302
(W1033)
220
300
B1301
(W1032)
100
030
510
200
400
310
1035016-3
ECM 111701

ECM: 112760 - 20021216
Group number: 1035016-0300
Assembly Drawing: 1035016-3_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
2"						
010	576434-0100	-		1	AP-VALVE 51-38	**119**
060	1129801-0000	-		2	PIPE	
550	342840-0105	-		2	CLAMPING PIECE	
560	342850-0305	A		2	GASKET 47,8X62,6X5,2 MM 2" FDA	
3"						
010	576435-0100	-		1	AP-VALVE 76-38	**131**
060	1129802-0000	-		2	PIPE	
550	342840-0107	-		2	CLAMPING PIECE	
560	342850-0307	A		2	GASKET 72,9X89,6X5,2 MM 3" FDA	
Common Parts						
020	1129277-0000	-		1	VALVE BRACKET	
030	1037093-0000	-		3	SENSOR BRACKET	
050	1347758-0000	-		1	COVER	
100	352103-0101	-		3	CABLE GLAND, ST 9, PR15,2/PG9	
120	352113-0205	-		1	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
200	312105-0287	-		6	SCREW M6S ISO4017 M4X8 A480	
210	312105-0451	-		8	SCREW M6S ISO 4017 M8X20 A480	
220	312125-0230	-		6	SPåRSKRUV MCS M3X20 SS	
240	312125-0287	-		5	SCREW PAN HEAD MCS M4X8 SS	
250	90012-0107	-		1	GLAND FITTING	
260	90015-0020	-		10	LEAD-IN, TET5-7, E-1458016	
270	90099-0120	-		1	MUTTER PR 37 (PG29)	
280	353249-0303	-		1	SEALING PIN, 5,3X25	
300	315105-0124	-		6	BRICKA BRB3,2X6RFR	
310	315105-0136	-		6	WASHER BRB4,3XRFR	
320	315125-0165	-		8	WASHER TBRSB 8,4X26X5 A4	
400	312605-0310	-		6	HEXAGON NUT, M6M M3 A280	
510	90099-0104	-		3	NUT, PR 15,2 (PG9)	
B 1301	90044-0104	A		1	PROX.SWITCH IFM IN 3002	
B 1302	90044-0104	A		1	PROX.SWITCH IFM IN 3002	
B 1303	90044-0104	A		1	PROX.SWITCH IFM IN 3002	

Pos	Part No	SP	UN	Qty	Description	Page No

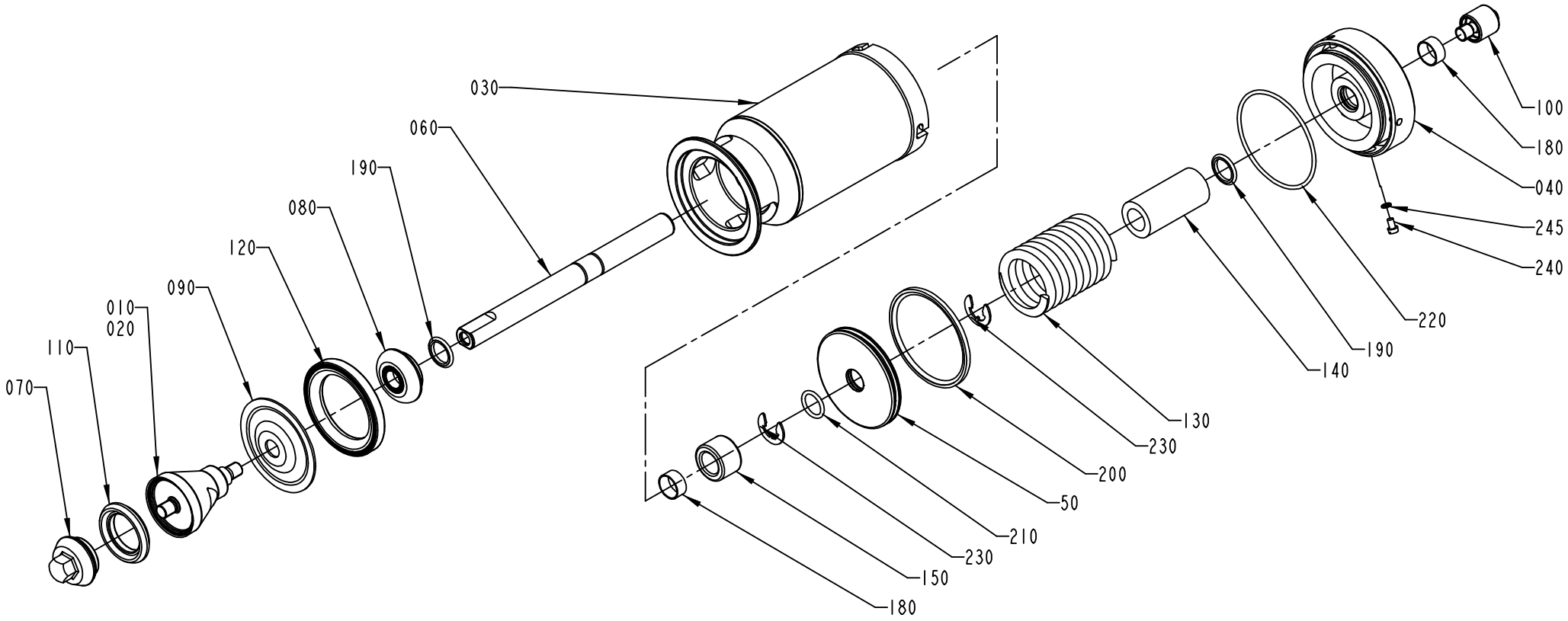
Machine Type | Group Description | Used-In | Group Number | Page No


030
040
120
110
150
160
170
140
100
040
010
130
050
020
576434-1
ECM 111701

ECM: 112757 - 20021216
Group number: 576434-0100
Assembly Drawing: 576434-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	576436-0100	-		1	A-CYLINDER	**121**
020	576438-0100	-		1	B-CYLINDER	**123**
030	576437-0100	-		1	C-CYLINDER	**125**
040	541163-0200	-		3	CLAMP RING	**127**
050	541164-0200	-		1	CLAMP RING	**129**
100	556702-0000	A		1	AP-VALVE-BODY (51-38)	
110	567018-0000	A		1	STEAM HOUSE	
120	539212-0000	A		1	GASKET	
130	90207-0365	A		1	GASKET	
140	90207-0363	A		1	GASKET	
150	90091-0266	A		2	SEAL RING 10,4X16,3X2,5 MM	
160	90030-0336	-		2	CONN. STRAIGHT, 316L-12M-BVCO-3	
170	90030-0338	-		2	NUT, PIPE & CONNECTORS, SS-8-BVCO-4	

Pos	Part No	SP	UN	Qty	Description	Page No



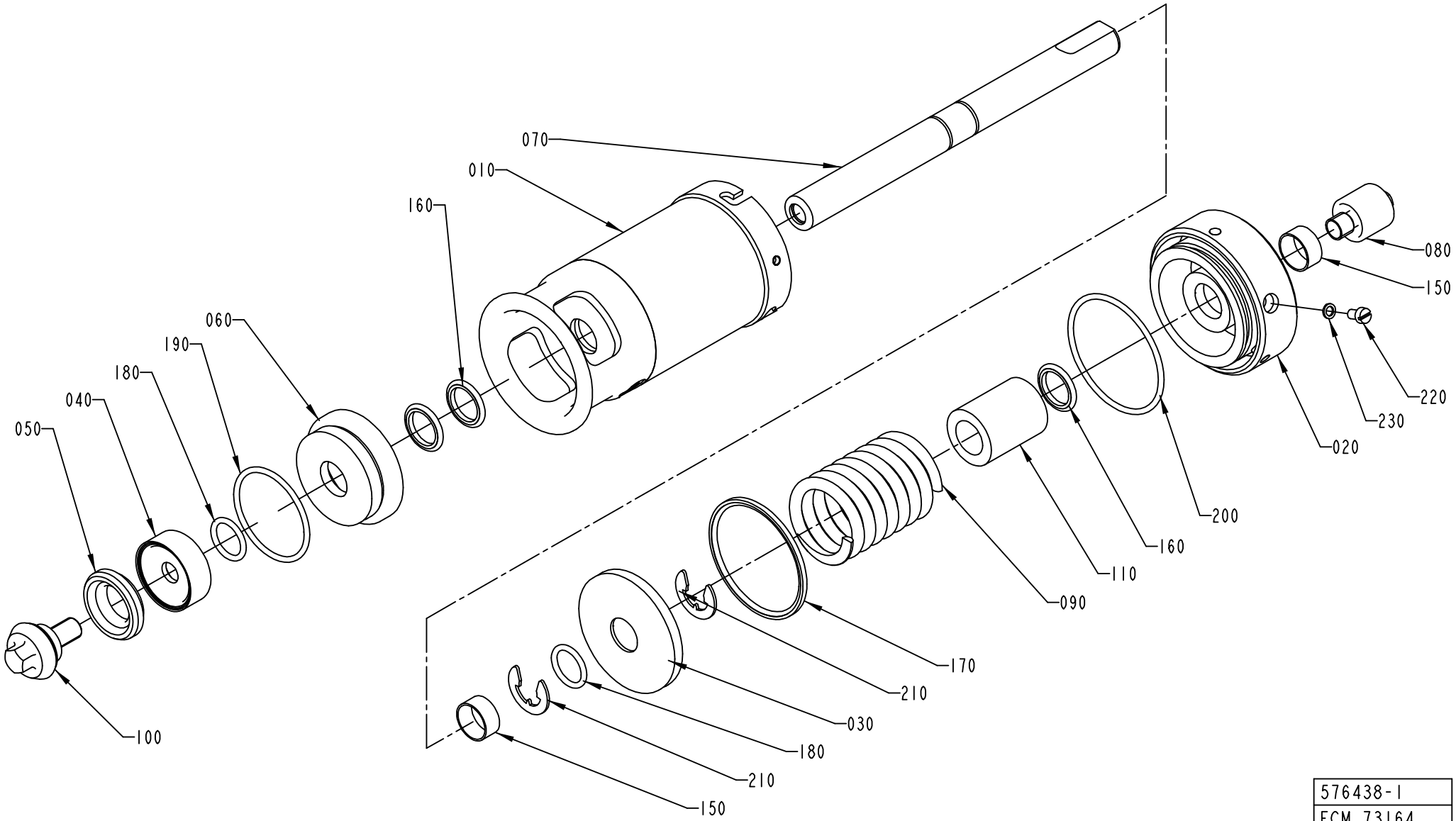
576436-1
ECN 73164

ECM: 114402 - 20020930
Group number: 576436-0100
Assembly Drawing: 576436-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
2"						
010	530592-0000	A		1	SEAL RING HOLDER	
3"						
010	530595-0000	A		1	SEAL RING HOLDER	
Common Parts						
030	576439-0000	-		1	CYLINDER HOUSING	
040	576440-0000	-		1	END SECTION	
050	576441-0000	A		1	PISTON	
060	576446-0000	A		1	PISTON ROD	
070	530590-0000	A		1	VALVE CONE	
080	541166-0000	A		1	WASHER	
090	533169-0000	A		1	DIAPHRAGM	
100	553607-0000	-		1	SLEEVE	
110	530589-0000	A		1	SEAL RING	
120	440655-0000	A		1	RING	
130	440663-0000	A		1	COMPRESSION SPRING	
140	576448-0000	-		1	SPACER	
150	576449-0000	-		1	SPACER	
180	90091-0238	A		2	WEAR RING 20X22X10 MM	
190	90091-0237	A		2	ROD SEAL, GLIDORING 20X27,5X3 MM	
200	90091-0336	A		1	PISTON SEAL, GLIDORING 79X90X4 MM	
210	315204-0215	A		1	O-RING 19,2X3 MM	
220	315202-0308	A		1	O-RING 84,5X3 MM	
230	315754-0113	-		2	LOCKING WAE 15	
240	312125-0323	-		1	SCREW PAN HEAD MCS M5X8 SS	
245	315233-0101	-		1	WASHER CAPTIVE SEALING M5	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No



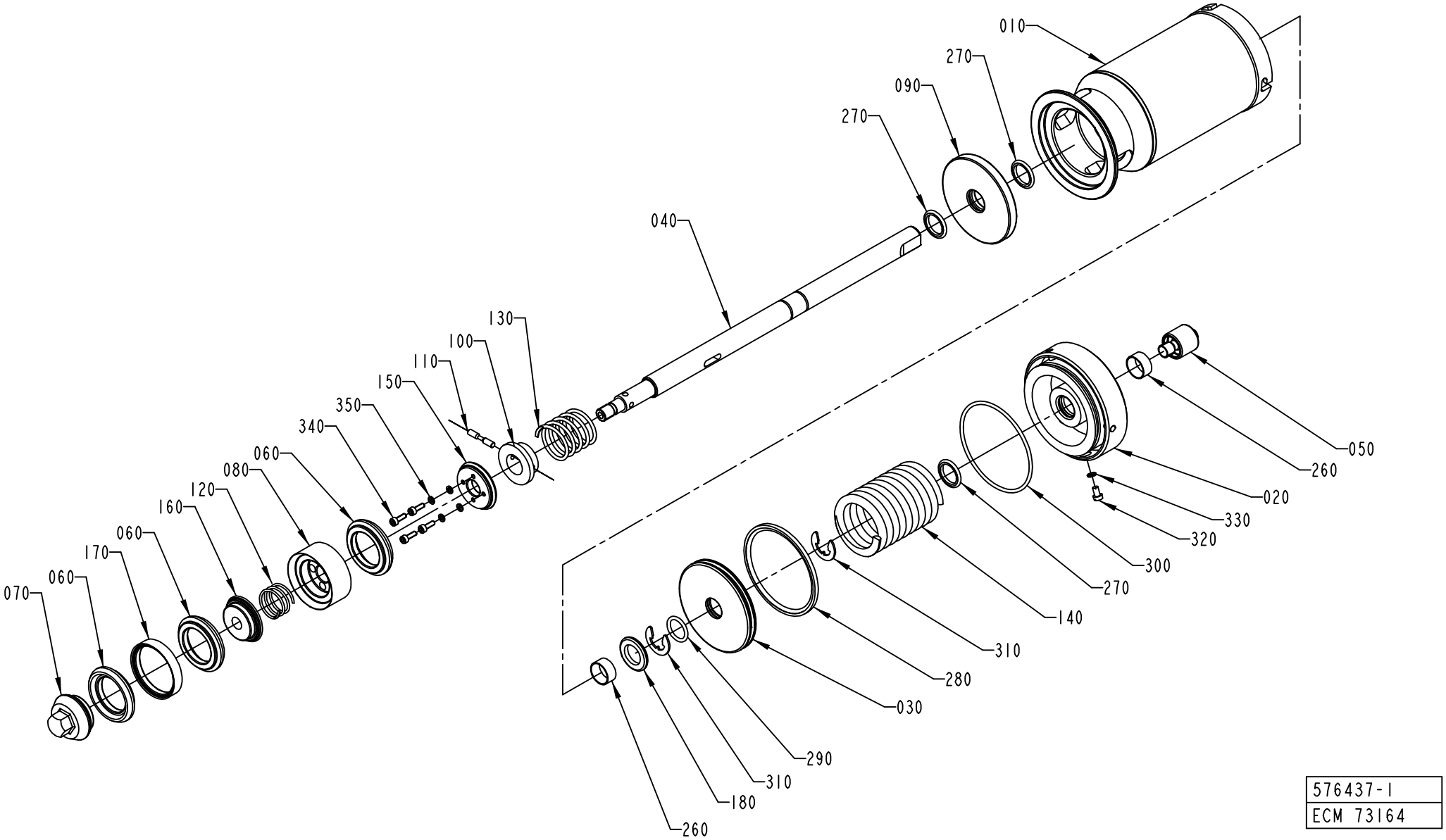
576438-1
ECM 73164

ECM: 114410 - 20020930
Group number: 576438-0100
Assembly Drawing: 576438-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	576443-0000	-		1	CYLINDER HOUSING	
020	576444-0000	-		1	END SECTION	
030	576445-0000	A		1	PISTON	
040	530587-0000	A		1	WASHER	
050	530588-0000	A		1	SEAL RING	
060	556133-0000	-		1	SEALING WASHER	
070	576447-0000	A		1	PISTON ROD	
080	553607-0000	-		1	SLEEVE	
090	440662-0000	A		1	COMPRESSION SPRING	
100	476185-0000	A		1	VALVE CONE	
110	576451-0000	-		1	SPACER	
150	90091-0238	A		2	WEAR RING 20X22X10 MM	
160	90091-0237	A		3	ROD SEAL, GLIDORING 20X27,5X3 MM	
170	90091-0335	A		1	PISTON SEAL,GLIDORING 62,5X70X3 MM	
180	315204-0215	A		2	O-RING 19,2X3 MM	
190	315204-0301	A		1	O-RING 49,5X3 MM	
200	315202-0304	A		1	O-RING 64,5X3 MM	
210	315754-0113	-		2	LOCKING WAE 15	
220	312125-0323	-		1	SCREW PAN HEAD MCS M5X8 SS	
230	315233-0101	-		1	WASHER CAPTIVE SEALING M5	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No



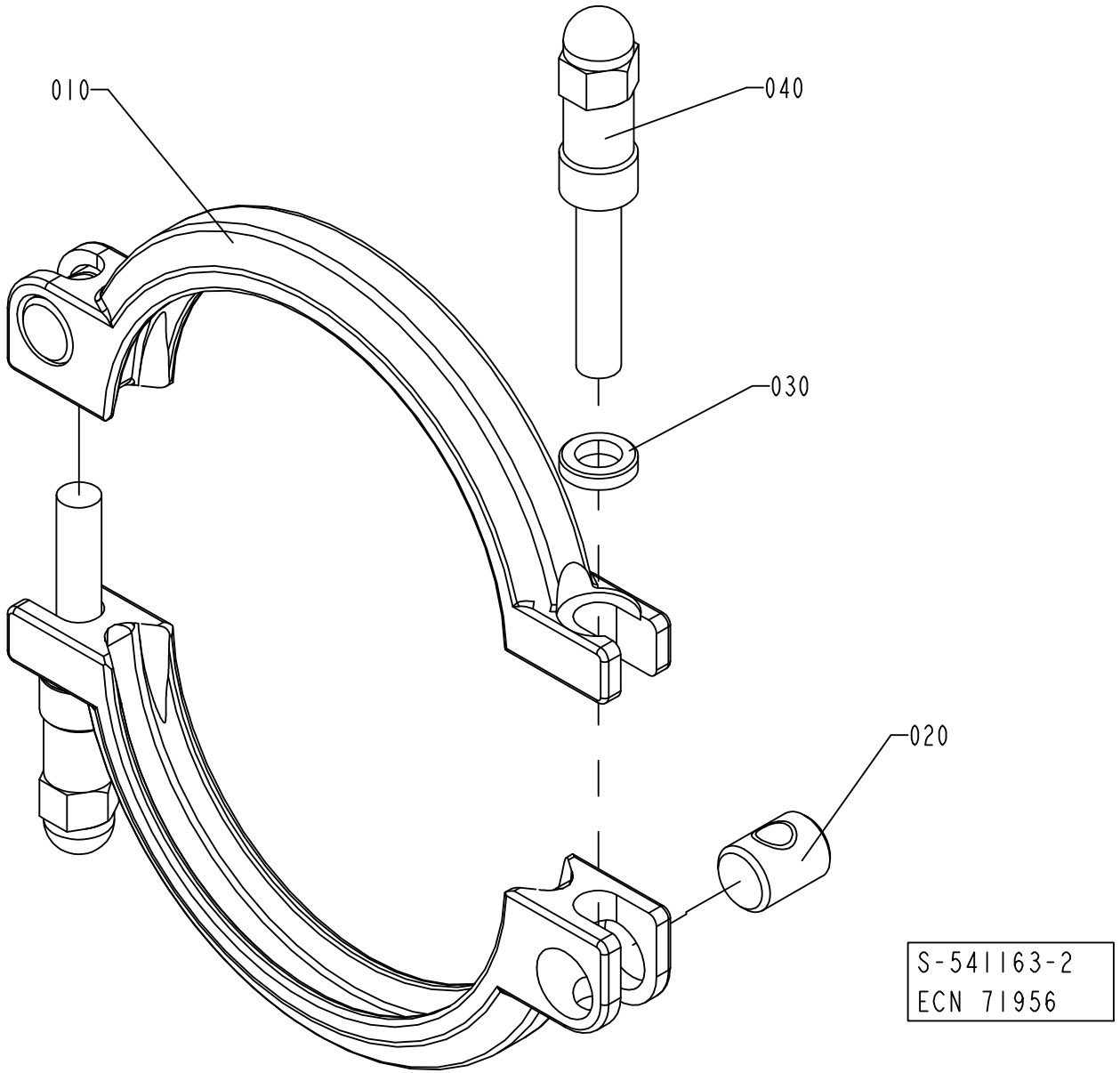
576437-1
ECM 73164

ECM: 114415 - 20020930
Group number: 576437-0100
Assembly Drawing: 576437-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	576439-0000	-		1	CYLINDER HOUSING	
020	576440-0000	-		1	END SECTION	
030	576441-0000	A		1	PISTON	
040	576442-0000	A		1	PISTON ROD	
050	553607-0000	-		1	SLEEVE	
060	530589-0000	A		3	SEAL RING	
070	530590-0000	A		1	VALVE CONE	
080	530591-0000	-		1	HOLDER	
090	555458-0000	-		1	SEALING WASHER	
100	440650-0000	-		1	WASHER	
110	440659-0000	-		1	CYLINDRICAL PIN	
120	440660-0000	A		1	COMPRESSION SPRING	
130	440661-0000	A		1	COMPRESSION SPRING	
140	440663-0000	A		1	COMPRESSION SPRING	
150	530597-0000	-		1	WASHER	
160	530598-0000	-		1	WASHER	
170	530599-0000	-		2	RING	
180	576450-0000	-		1	SPACER	
260	90091-0238	A		2	WEAR RING 20X22X10 MM	
270	90091-0237	A		3	ROD SEAL, GLIDORING 20X27,5X3 MM	
280	90091-0336	A		1	PISTON SEAL, GLIDORING 79X90X4 MM	
290	315204-0215	A		1	O-RING 19,2X3 MM	
300	315202-0308	A		1	O-RING 84,5X3 MM	
310	315754-0113	-		2	LOCKING WAE 15	
320	312125-0323	-		1	SCREW PAN HEAD MCS M5X8 SS	
330	315233-0101	-		1	WASHER CAPTIVE SEALING M5	
340	312115-0291	-		4	SCREW ISO4762 M4X12 A4	
350	315402-0136	-		4	LOCK WASHER FBB 4,1	

Pos	Part No	SP	UN	Qty	Description	Page No

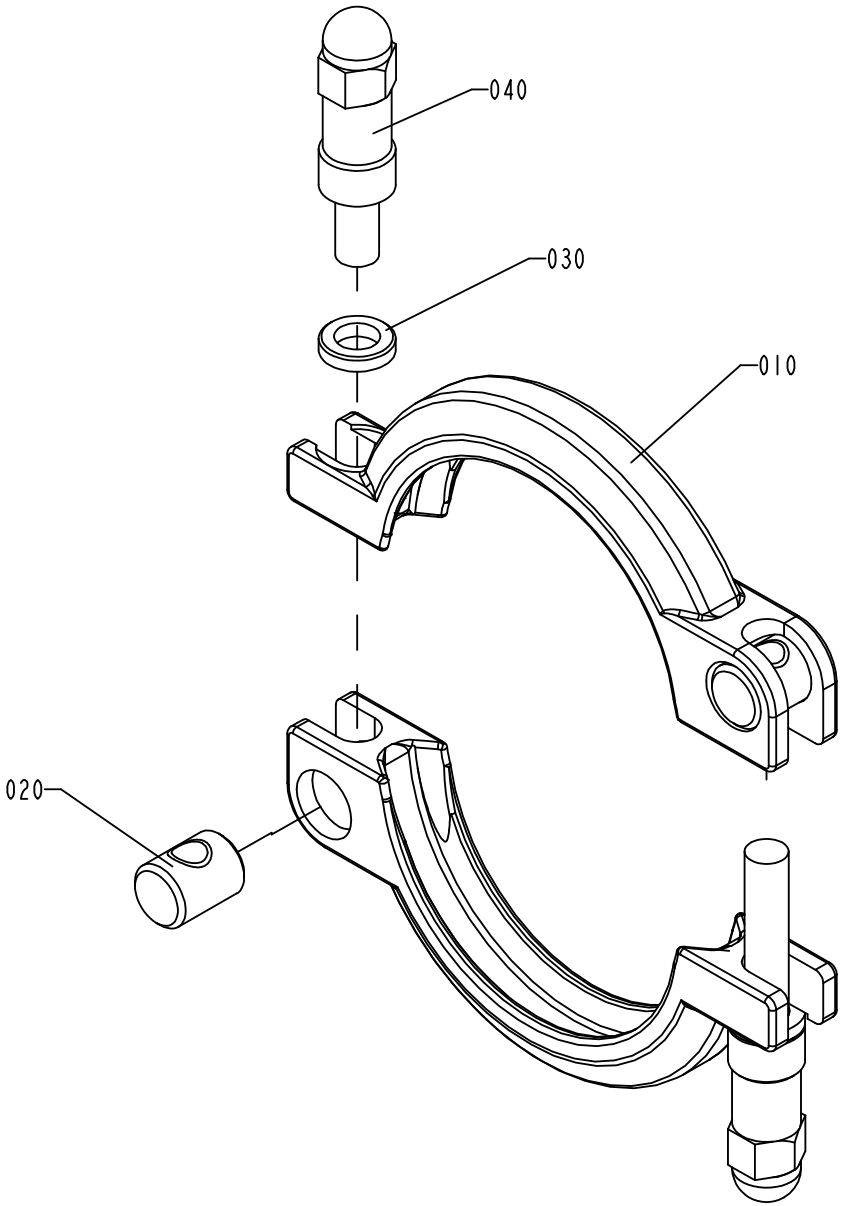
Machine Type | Group Description | Used-In | Group Number | Page No


010
040
030
020
S-541163-2
ECN 71956

ECM: 114417 - 20020930
Group number: 541163-0200
Assembly Drawing: 541163-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	532117-0000	A		2	CLAMP RING	
020	497748-0000	A		2	PIN	
030	541165-0000	A		2	WASHER	
040	554162-0000	A		2	SCREW	

Pos	Part No	SP	UN	Qty	Description	Page No

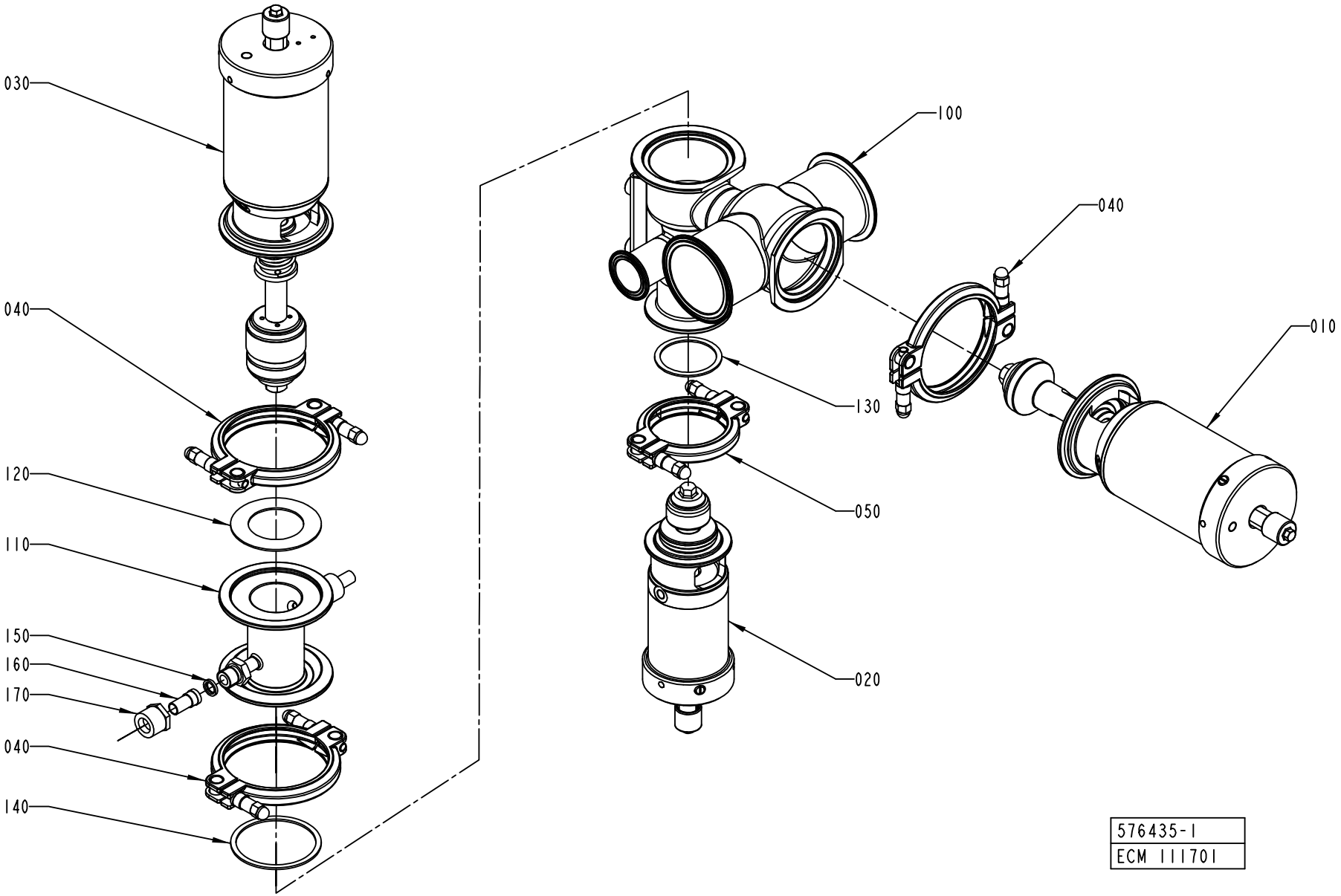


S-541164-2
ECN 71956

ECM: 81910 - 20000814
Group number: 541164-0200
Assembly Drawing: 541164-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	532118-0000	A		2	CLAMP RING	
020	497748-0000	A		2	PIN	
030	541165-0000	A		2	WASHER	
040	554162-0000	A		2	SCREW	

Pos	Part No	SP	UN	Qty	Description	Page No


030
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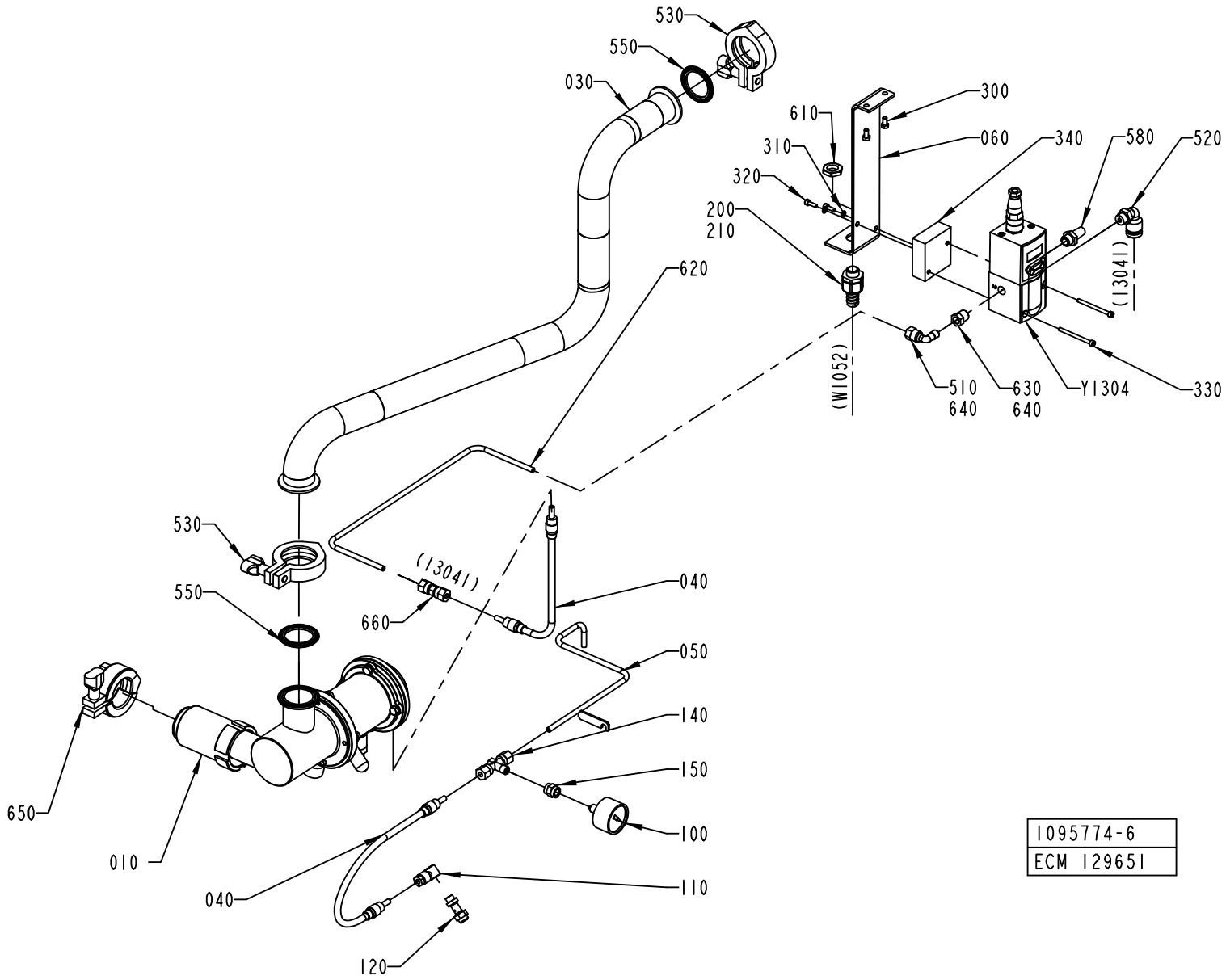
120
110
150
160
170
040
140
100
040
010
130
050
020
576435-1
ECM 111701

ECM: 112756 - 20021216
Group number: 576435-0100
Assembly Drawing: 576435-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	576436-0100	-		1	A-CYLINDER	**121**
020	576438-0100	-		1	B-CYLINDER	**123**
030	576437-0100	-		1	C-CYLINDER	**125**
040	541163-0200	-		3	CLAMP RING	**127**
050	541164-0200	-		1	CLAMP RING	**129**
100	556703-0000	-		1	AP-VALVE-BODY (76-38)	
110	567018-0000	-		1	STEAM HOUSE	
120	539212-0000	A		1	GASKET	
130	90207-0365	A		1	GASKET	
140	90207-0363	A		1	GASKET	
150	90091-0266	A		2	SEAL RING 10,4X16,3X2,5 MM	
160	90030-0336	-		2	CONN. STRAIGHT, 316L-12M-BVCO-3	
170	90030-0338	-		2	NUT, PIPE & CONNECTORS, SS-8-BVCO-4	

Pos	Part No	SP	UN	Qty	Description	Page No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(W1052)
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640
630
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Y1304
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530
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(13041)
660
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140
150
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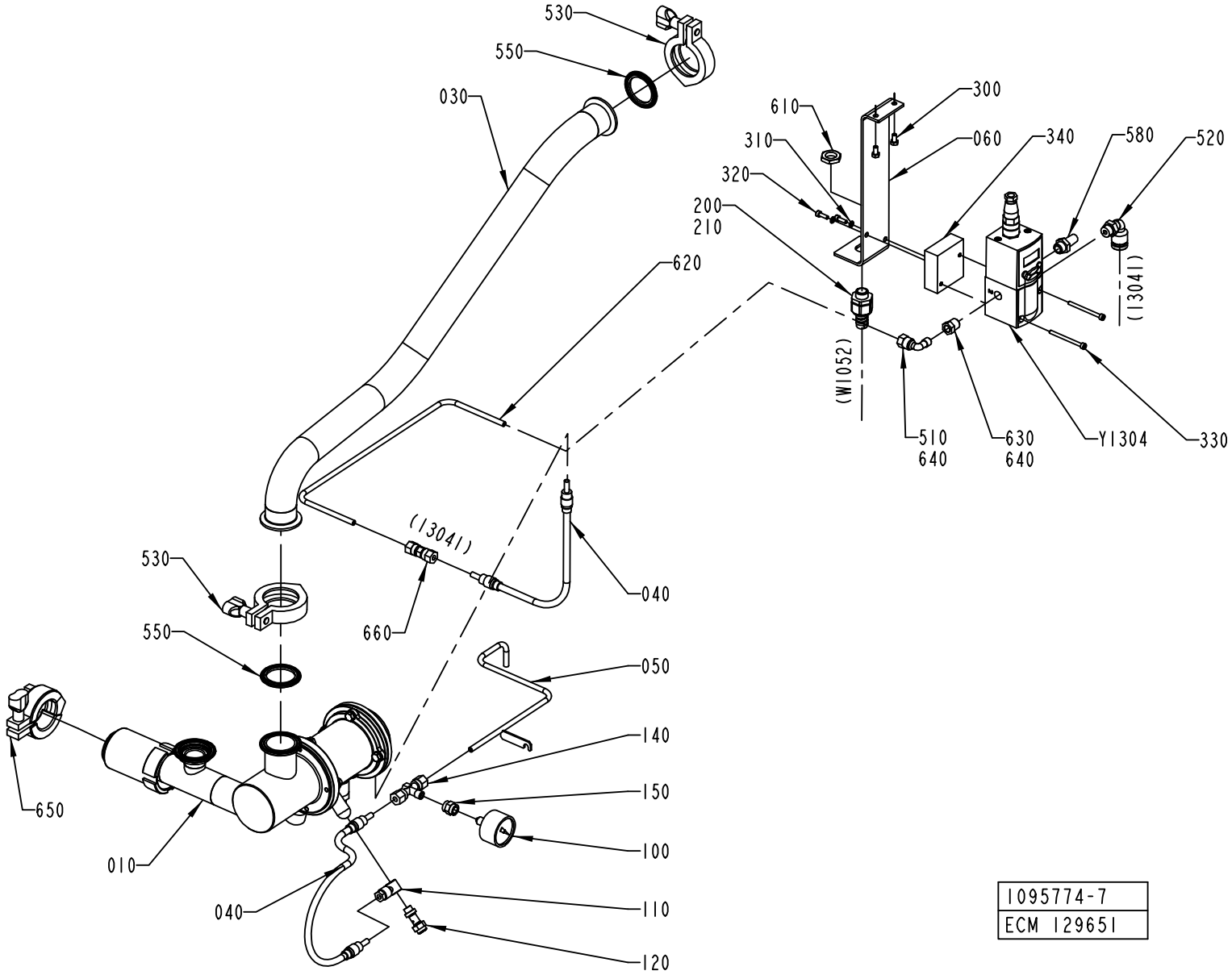
650
010
040
110
120
1095774-6
ECM 129651

ECM: 129641 - 20030317
Group number: 1095774-0300
Assembly Drawing: 1095774-6_1_AG

This list covers pages from 132 to 135

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 134)						
030	1487612-0000	-		1	PIPE	
NOHI (See drawing on page: 132)						
030	1129089-0000	-		1	PIPE	
Common Parts						
010	1095772-0200	-		1	REGULATING VALVE	**137, 139**
040	90458-1111	-		2	TUBE 6 MM TEFLON	
050	1548337-0000	-		1	AIR PIPE	
060	2606762-0000	-		1	BRACKET	
100	90043-0021	-		1	PRESSURE GAUGE WIEGAND 0-1 BAR 1/8"	
110	342797-0121	-		1	CONN. BANJO, RINGPIECE 6-1/8	
120	90235-0282	-		1	THROTTLE CHECK VALVES,G1/8	
140	342741-0202	-		1	CONN. T-PIPE TE-6-R1/8	
150	342707-0109	-		1	SLEEVE, INT. THREAD, NO. 2543-1/8	
200	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
210	353249-0009	-		1	INSERT, SINGEL HOLE, EK 152/9	
300	312105-0325	-		2	SCREW M6S ISO 4017 M5X10 A480	
310	315105-0136	-		2	WASHER BRB4,3XRFR	
320	312115-0291	-		2	SCREW ISO4762 M4X12 A4	
330	312115-0305	-		2	SCREW ISO4762 M4X50 A4	
340	2511330-0000	-		1	SPACER	
510	90030-0137	-		1	CONN. ELBOW WA 6-R1/8	
520	342732-0109	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=1MM-G1/4	
530	342840-0103	-		2	CLAMPING PIECE	
550	342850-0304	A		2	GASKET 35,4X49,1X5,2 1"1/2 FDA	
580	346800-0110	-		1	SILENCER FILTER R1/4"	
610	90099-0104	-		1	NUT, PR 15,2 (PG9)	
620	2606763-0000	-		1	PIPE	
630	90330-0025	-		1	BUSHING, INT/EXT. THR. R1/4-RP1/8	
640	90144-0073	-		1	TREBOFLON-TAPE W=13MM	
650	1532503-0000	-		1	LOCKING DEVICE	
660	90030-0075	-		1	PIPE CONNECTION G-6	
Y1304	90459-1420	A		1	PROPORTIONAL VALVE 0 - 10V/0-6 BAR	
	90458-1262	-		*1*	*CONNECTOR 131028001 FOR PROP. VALVE*	

Machine Type	Group Description	Used-In	Group Number	Page No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(W1052)
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Y1304
330
530
(13041)
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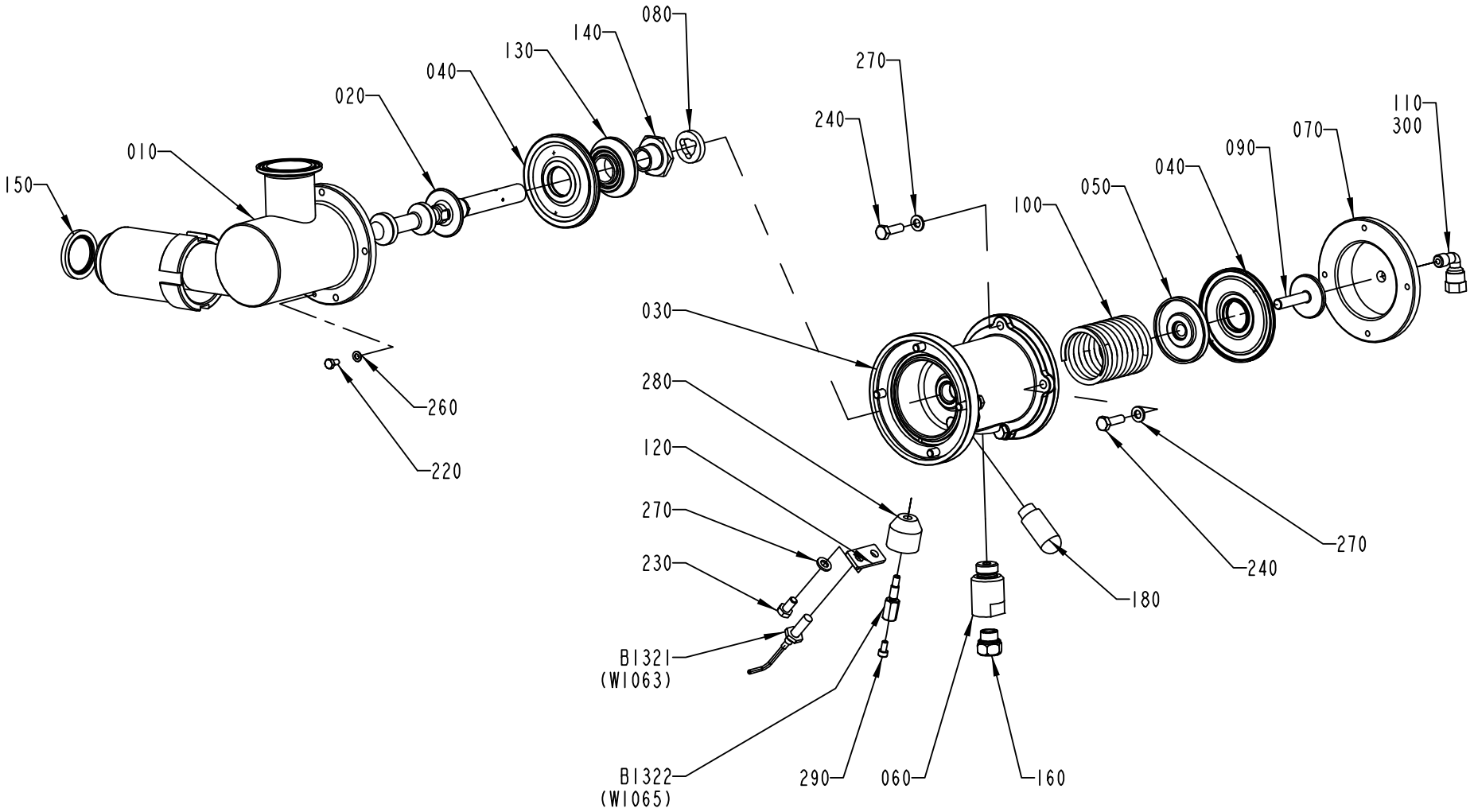
040
110
120
1095774-7
ECM 129651

ECM: 129641 - 20030317
Group number: 1095774-0300
Assembly Drawing: 1095774-7_1_AG

This list covers pages from 132 to 135

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 134)						
030	1487612-0000	-		1	PIPE	
NOHI (See drawing on page: 132)						
030	1129089-0000	-		1	PIPE	
Common Parts						
010	1095772-0200	-		1	REGULATING VALVE	**137, 139**
040	90458-1111	-		2	TUBE 6 MM TEFLON	
050	1548337-0000	-		1	AIR PIPE	
060	2606762-0000	-		1	BRACKET	
100	90043-0021	-		1	PRESSURE GAUGE WIEGAND 0-1 BAR 1/8"	
110	342797-0121	-		1	CONN. BANJO, RINGPIECE 6-1/8	
120	90235-0282	-		1	THROTTLE CHECK VALVES,G1/8	
140	342741-0202	-		1	CONN. T-PIPE TE-6-R1/8	
150	342707-0109	-		1	SLEEVE, INT. THREAD, NO. 2543-1/8	
200	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
210	353249-0009	-		1	INSERT, SINGEL HOLE, EK 152/9	
300	312105-0325	-		2	SCREW M6S ISO 4017 M5X10 A480	
310	315105-0136	-		2	WASHER BRB4,3XRFR	
320	312115-0291	-		2	SCREW ISO4762 M4X12 A4	
330	312115-0305	-		2	SCREW ISO4762 M4X50 A4	
340	2511330-0000	-		1	SPACER	
510	90030-0137	-		1	CONN. ELBOW WA 6-R1/8	
520	342732-0109	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=1MM-G1/4	
530	342840-0103	-		2	CLAMPING PIECE	
550	342850-0304	A		2	GASKET 35,4X49,1X5,2 1"1/2 FDA	
580	346800-0110	-		1	SILENCER FILTER R1/4"	
610	90099-0104	-		1	NUT, PR 15,2 (PG9)	
620	2606763-0000	-		1	PIPE	
630	90330-0025	-		1	BUSHING, INT/EXT. THR. R1/4-RP1/8	
640	90144-0073	-		1	TREBOFLON-TAPE W=13MM	
650	1532503-0000	-		1	LOCKING DEVICE	
660	90030-0075	-		1	PIPE CONNECTION G-6	
Y1304	90459-1420	A		1	PROPORTIONAL VALVE 0 - 10V/0-6 BAR	
	90458-1262	-		*1*	*CONNECTOR 131028001 FOR PROP. VALVE*	

Machine Type	Group Description	Used-In	Group Number	Page No

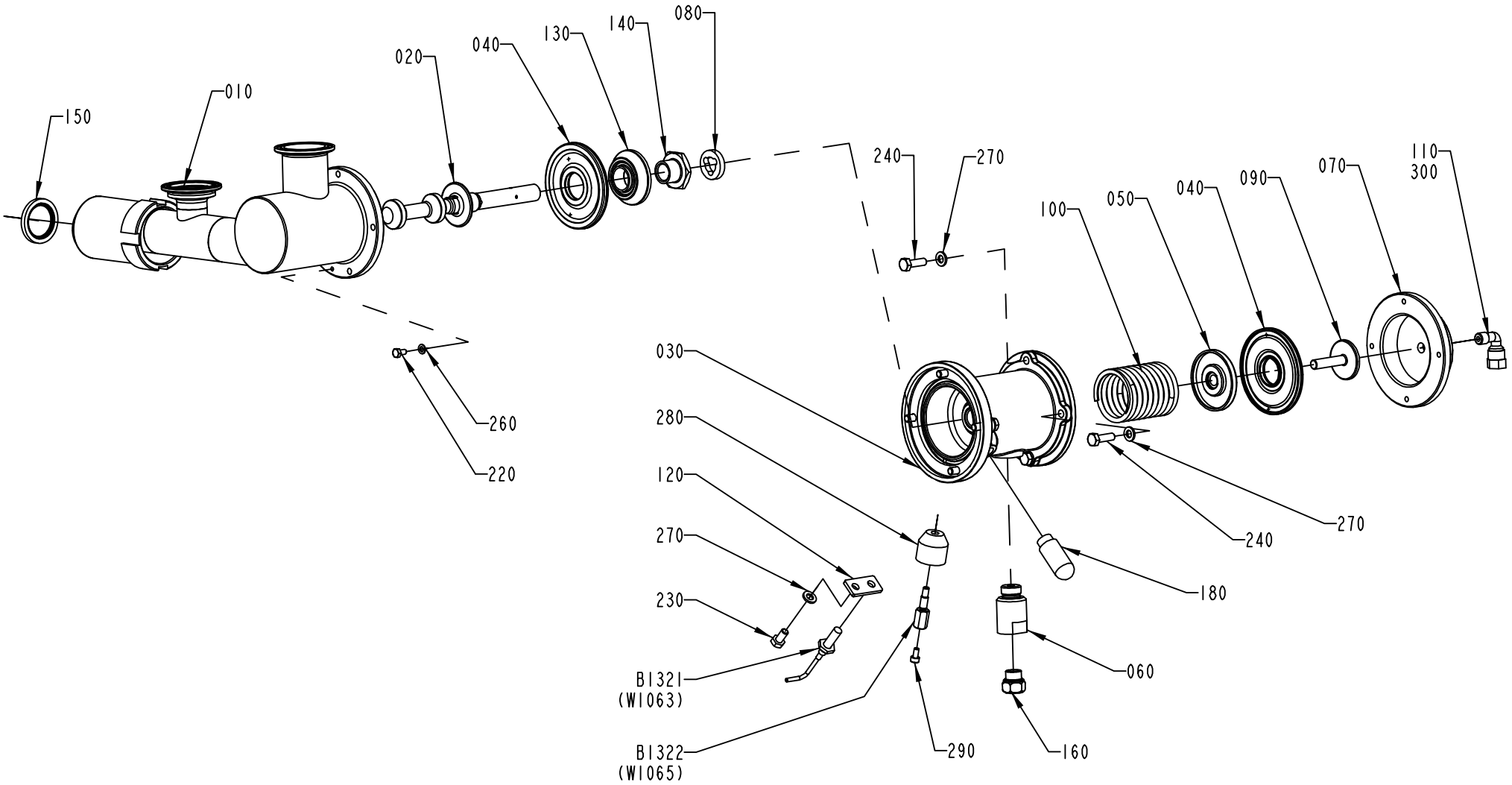


1095772-2
ECM 123289

ECM: 123659 - 20030619
Group number: 1095772-0200
Assembly Drawing: 1095772-2_1_AE

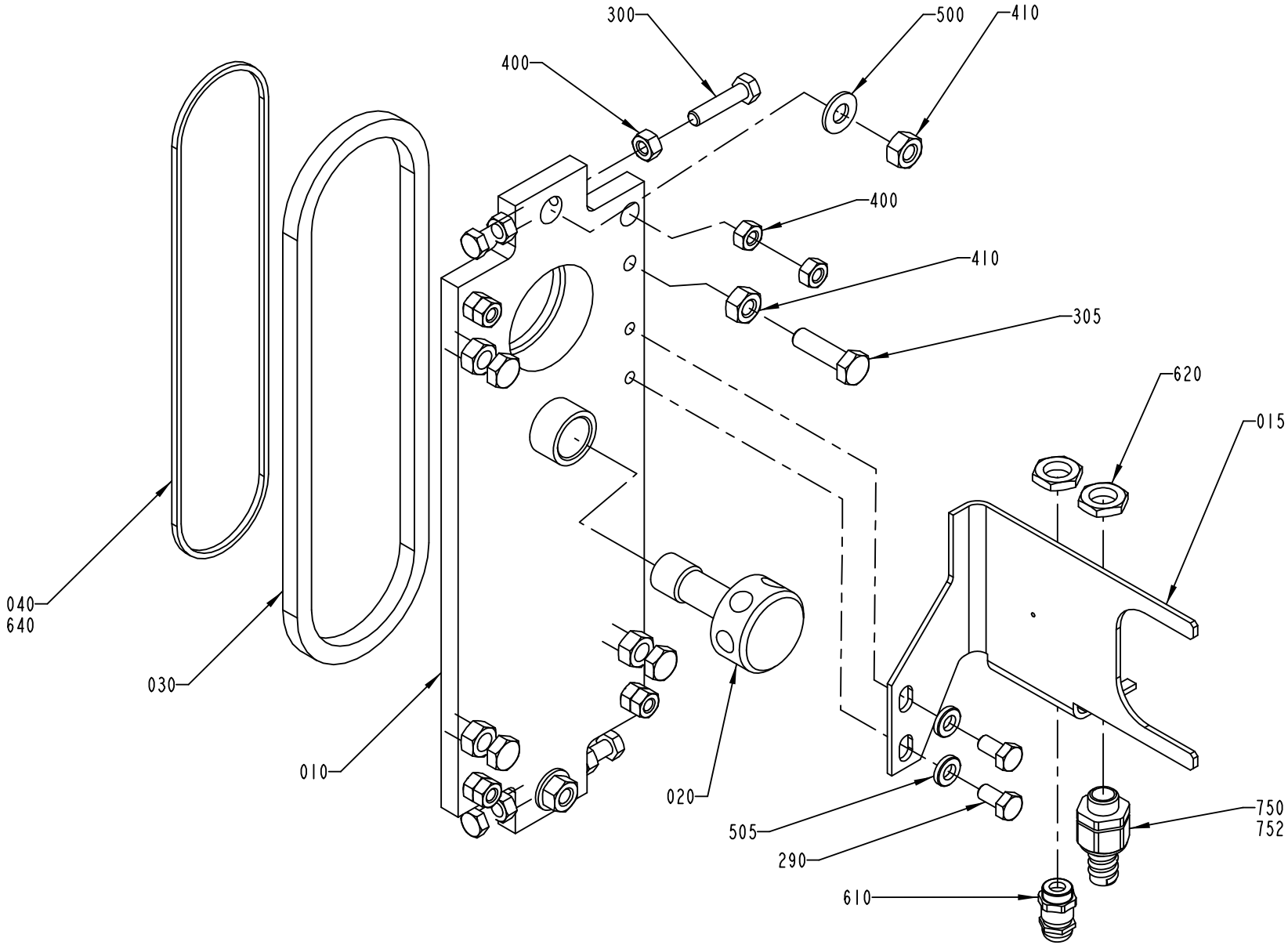
This list covers pages from 136 to 139

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B HI, TBA 0250B HI, TBA 0200S HI, TPA 0330SQ HI, TPA 0250SQ HI, TBA 0250S HI, TBA 0330S HI (See drawing on page: 138)						
010	1498281-0000	-		1	REGULATOR BODY	
020	2594042-0000	A		1	SHUTTER	
TBA 0250B NOHI, TBA 0200B NOHI, TBA 0200S NOHI, TBA 0250S NOHI, TBA 0330S NOHI (See drawing on page: 136)						
010	1487029-0000	-		1	REGULATOR BODY	
020	2594042-0000	A		1	SHUTTER	
TBA 0500S HI, TPA 0500SQ HI (See drawing on page: 138)						
010	1511531-0000	-		1	REGULATOR BODY	
020	2563763-0000	A		1	SHUTTER	
TBA 0500S NOHI, TBA 0500B NOHI (See drawing on page: 136)						
010	1511529-0000	-		1	REGULATOR BODY	
020	2563763-0000	A		1	SHUTTER	
TBA 1000S HI, TBA 1000SQ HI, TBA 1000B HI, TPA 1000S HI, TBA 1500S HI, TPA 1000SQ HI (See drawing on page: 138)						
010	1499052-0000	-		1	REGULATOR BODY	
020	2588409-0000	A		1	SHUTTER	
TBA 1000S NOHI, TBA 1000SQ NOHI, TBA 1000B NOHI, TPA 1000S NOHI, TBA 1500S NOHI (See drawing on page: 136)						
010	1487030-0000	-		1	REGULATOR BODY	
020	2588409-0000	A		1	SHUTTER	
Common Parts						
030	2563766-0000	-		1	BODY	
040	925998-0000	A		2	DIAPHRAGM	
050	926906-0000	-		1	SPACER	
060	927044-0000	-		1	SPACER	
070	927203-0000	-		1	COVER	
080	2594043-0000	A		1	SHOCK ABSORBER	
090	926907-0000	-		1	SCREW	
100	926909-0000	A		1	COMPRESSION SPRING	
110	90030-0137	-		1	CONN. ELBOW WA 6-R1/8	
120	926934-0000	-		1	SUPPORT	
130	1511600-0000	-		1	SPACER	
140	979434-0000	-		1	FERRULE	
150	90217-0346	A		1	GASKET 38X27,6X4 MM	
160	90224-0090	-		1	REDUCER, ART. NO RMM 1418	
180	90328-0026	A		1	SILENCER G1/4	
220	312105-0287	-		1	SCREW M6S ISO4017 M4X8 A480	
230	312105-0366	-		1	SCREW M6S M6X12 A280	
240	312105-0370	-		8	SCREW M6S ISO 4017 M6X20 A480	
260	315105-0136	-		1	WASHER BRB4,3XRFR	
270	315105-0153	-		9	WASHER BRB6,4X12RFR	
280	1478813-0000	-		1	SPACER	
290	312115-0287	-		1	SCREW ISO4762 M4X8 A4	
300	90144-0073	-		1	TREBOFLON-TAPE W=13MM	
B1321	90458-0138	A		1	PROX.SW. E2EG-X1R5B1-5M	
B1322	1478814-0000	A		1	SENSOR	



1095772-3
ECM 123289

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B HI, TBA 0250B HI, TBA 0200S HI, TPA 0330SQ HI, TPA 0250SQ HI, TBA 0250S HI, TBA 0330S HI (See drawing on page: 138)						
010	1498281-0000	-		1	REGULATOR BODY	
020	2594042-0000	A		1	SHUTTER	
TBA 0250B NOHI, TBA 0200B NOHI, TBA 0200S NOHI, TBA 0250S NOHI, TBA 0330S NOHI (See drawing on page: 136)						
010	1487029-0000	-		1	REGULATOR BODY	
020	2594042-0000	A		1	SHUTTER	
TBA 0500S HI, TPA 0500SQ HI (See drawing on page: 138)						
010	1511531-0000	-		1	REGULATOR BODY	
020	2563763-0000	A		1	SHUTTER	
TBA 0500S NOHI, TBA 0500B NOHI (See drawing on page: 136)						
010	1511529-0000	-		1	REGULATOR BODY	
020	2563763-0000	A		1	SHUTTER	
TBA 1000S HI, TBA 1000SQ HI, TBA 1000B HI, TPA 1000S HI, TBA 1500S HI, TPA 1000SQ HI (See drawing on page: 138)						
010	1499052-0000	-		1	REGULATOR BODY	
020	2588409-0000	A		1	SHUTTER	
TBA 1000S NOHI, TBA 1000SQ NOHI, TBA 1000B NOHI, TPA 1000S NOHI, TBA 1500S NOHI (See drawing on page: 136)						
010	1487030-0000	-		1	REGULATOR BODY	
020	2588409-0000	A		1	SHUTTER	
Common Parts						
030	2563766-0000	-		1	BODY	
040	925998-0000	A		2	DIAPHRAGM	
050	926906-0000	-		1	SPACER	
060	927044-0000	-		1	SPACER	
070	927203-0000	-		1	COVER	
080	2594043-0000	A		1	SHOCK ABSORBER	
090	926907-0000	-		1	SCREW	
100	926909-0000	A		1	COMPRESSION SPRING	
110	90030-0137	-		1	CONN. ELBOW WA 6-R1/8	
120	926934-0000	-		1	SUPPORT	
130	1511600-0000	-		1	SPACER	
140	979434-0000	-		1	FERRULE	
150	90217-0346	A		1	GASKET 38X27,6X4 MM	
160	90224-0090	-		1	REDUCER, ART. NO RMM 1418	
180	90328-0026	A		1	SILENCER G1/4	
220	312105-0287	-		1	SCREW M6S ISO4017 M4X8 A480	
230	312105-0366	-		1	SCREW M6S M6X12 A280	
240	312105-0370	-		8	SCREW M6S ISO 4017 M6X20 A480	
260	315105-0136	-		1	WASHER BRB4,3XRFR	
270	315105-0153	-		9	WASHER BRB6,4X12RFR	
280	1478813-0000	-		1	SPACER	
290	312115-0287	-		1	SCREW ISO4762 M4X8 A4	
300	90144-0073	-		1	TREBOFLON-TAPE W=13MM	
B1321	90458-0138	A		1	PROX.SW. E2EG-X1R5B1-5M	
B1322	1478814-0000	A		1	SENSOR	



1334992-1
ECN 73485

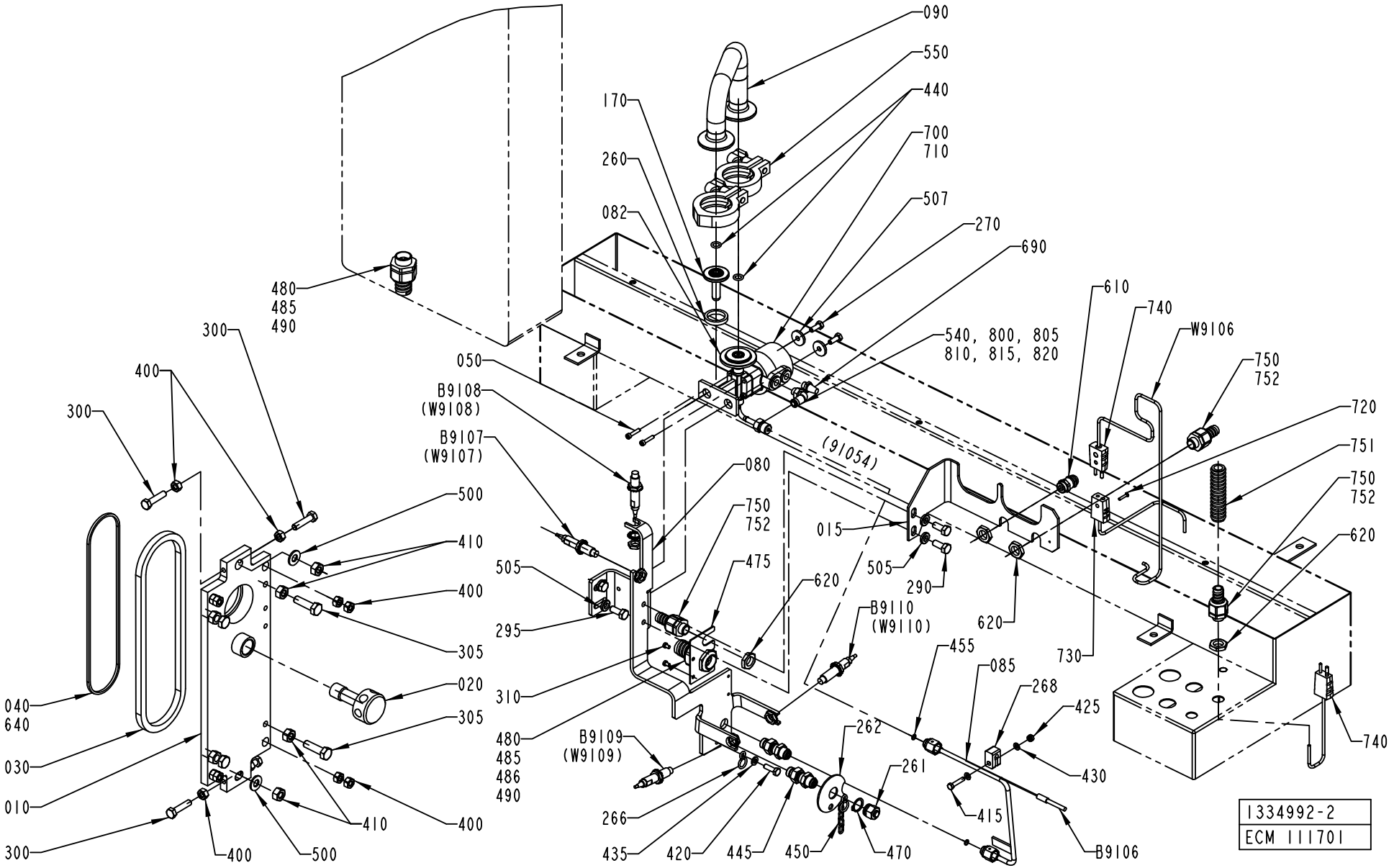
ECM: 111756 - 20021216
Group number: 1334992-0100
Assembly Drawing: 1334992-1_1_AA

This list covers pages from 140 to 143

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 142)						
015	1487491-0000	-		1	HOLDER	
050	312115-0295	-		4	SCREW ISO4762 M4X20 A4	
080	1487701-0000	-		1	HOLDER	
082	1254475-0000	-		1	VALVE BODY	
085	1487702-0000	A		1	PIPE	
090	1487703-0000	-		1	PIPE	
170	1498282-0003	A		1	NOZZLE	
170	1498282-0004	A		1	NOZZLE	
170	1498282-0005	A		1	NOZZLE	
170	1498282-0006	A		1	NOZZLE	
260	12242-0001	A		1	GASKET 32X25X5,5	
261	978380-0000	A		1	BLIND PLUG	
262	978381-0000	-		1	WASHER 56X2MM	
266	209183-0000	-		2	RING	
268	978440-0000	-		1	CRAMP	
270	312105-0368	-		2	SCREW M6S M6X16 A280	
295	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
310	312125-0285	-		2	SCREW SLOT.PAN HD. MCS 4X6 A480	
415	312105-0333	-		1	SCREW M6S ISO 4017 M5X25 A480	
420	312105-0366	-		1	SCREW M6S M6X12 A280	
425	312812-0314	-		1	HEXAGON NUT, NY-LOCK M5 A480	
430	315105-0146	-		2	BRICKA BRB5,3X10RFR	
435	315105-0153	-		1	WASHER BRB6,4X12RFR	
440	315204-0208	A		2	O-RING 9,3X2,4 MM	
445	90030-0549	-		2	CONN. STRAIGHT, BULKHEAD, SS-4-VCO-61	
450	90155-0008	-	MM	300	HANGER CHAIN, 18	
455	90242-0162	A		5	O-RING 6,07X1,78 MM	
470	90141-0017	-		1	RETAINING RING FOR SHAFT, 17X1MM	
475	1348046-0000	-		1	HOLDER	
480	353243-0005	-		2	EXTENDED WITHOUT INSERT, PG16	
485	1511332-0000	-		2	GLAND,INSERT, NORMAL E154G 4X5	
486	90099-0110	-		1	NUT, PR 22,5 (PG16)	
490	90152-0051	-	MM	1000	SPIRAL CONDUIT, 25X18, UL 1816	
505	315115-0165	-		4	WASHER PLAIN, TBRB 8,4/16 H=3	
507	315125-0153	-		2	WASHER TBRSB 6,4X22X4 A4	
540	342732-0102	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/8	
550	342840-0103	-		2	CLAMPING PIECE	
620	90099-0104	-		4	NUT, PR 15,2 (PG9)	
690	90328-0003	-		1	SILENCER	
700	90187-0176	A		1	ACTUATOR ECC 008 FOR DIAPHR. VALVE	
710	90187-0325	A		1	DIAPHRAGM, 214/300 AO08 4-B -20-150§C	
720	312145-0228	-		1	SCREW COUNTERS.SLOT.HD. MFS 3X16 SS	
730	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
740	90326-0022	-		2	PLUG, MALE YELLOW CR-AL	
750	353243-0001	-		3	EXTENDED WITHOUT INSERT, PG9	
751	90152-0059	-	MM	1000	SPIRAL CONDUIT, 18X12, UL 1211	
752	353249-0009	-		3	INSERT, SINGEL HOLE, EK 152/9	
800	359000-0400	-		2	MARKING CO2/4"0"	
805	359000-0401	-		2	MARKING COLLAR 2/4 "1" YELLOW	
810	359000-0404	-		2	MARKING COLLAR PA2/4 "4" YELLOW	
815	359000-0405	-		2	MARKING CO2/4"5"	
820	359000-0409	-		2	MARKING COLLAR PA2/4 "9" YELLOW	
B9106	90326-0060	A		1	THERMOCOUPLE, CR-AL	
B9107	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B9108	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B9109	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B9110	90458-0672	-		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
W9106	90220-0034	-	MM	6000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
NOHI (See drawing on page: 140)						
015	1041781-0000	-		1	HOLDER	
505	315115-0165	-		2	WASHER PLAIN, TBRB 8,4/16 H=3	
620	90099-0104	-		2	NUT, PR 15,2 (PG9)	
750	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
752	353249-0009	-		1	INSERT, SINGEL HOLE, EK 152/9	
Common Parts						
010	1350954-0000	-		1	MOUNTING PLATE	
020	1195476-0000	B		1	SCREW	
030	1036778-0000	A		1	GASKET	
040	1036777-0000	A		1	GASKET	
290	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
300	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
305	312105-0497	-		4	SCREW M6S ISO 4017 M10X35 A480	
400	312605-0318	-		12	HEXAGON NUT, M6M M8 A280	
410	312605-0320	-		6	HEXAGON NUT, M6M M10 A280	
500	315105-0173	-		2	WASHER BRB10,5X22RFR	
610	90012-0123	-		1	GLAND FITTING	
640	90153-0016	-		1	ADHESIVE,TUBE 100G RHODORSIL CAF 3	

Machine Type | Group Description | Used-In | Group Number | Page No

FASTENING PLATE

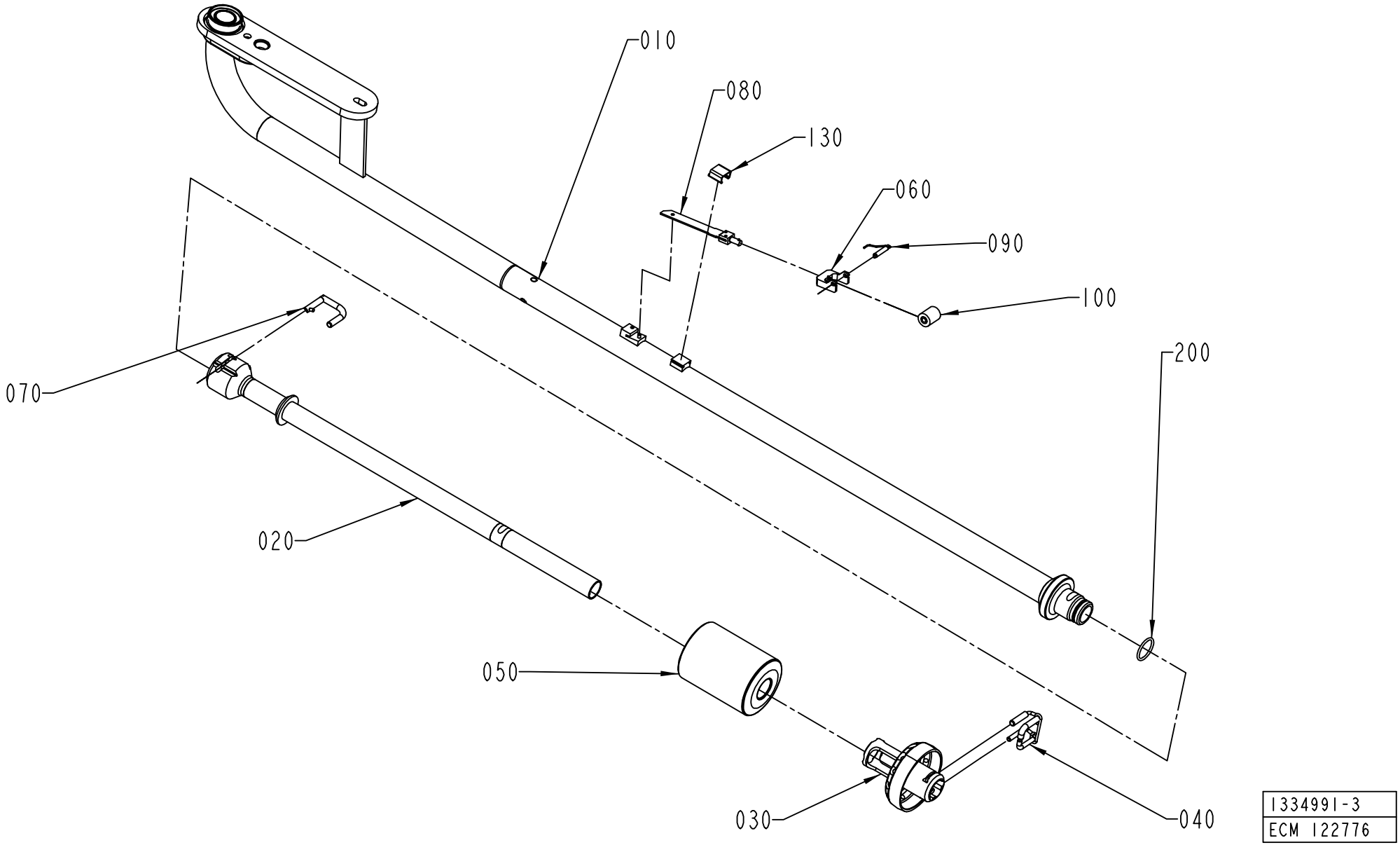


ECM: 111756 - 20021216
Group number: 1334992-0100
Assembly Drawing: 1334992-2_1_AC

This list covers pages from 140 to 143

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 142)						
015	1487491-0000	-		1	HOLDER	
050	312115-0295	-		4	SCREW ISO4762 M4X20 A4	
080	1487701-0000	-		1	HOLDER	
082	1254475-0000	-		1	VALVE BODY	
085	1487702-0000	A		1	PIPE	
090	1487703-0000	-		1	PIPE	
170	1498282-0003	A		1	NOZZLE	
170	1498282-0004	A		1	NOZZLE	
170	1498282-0005	A		1	NOZZLE	
170	1498282-0006	A		1	NOZZLE	
260	12242-0001	A		1	GASKET 32X25X5,5	
261	978380-0000	A		1	BLIND PLUG	
262	978381-0000	-		1	WASHER 56X2MM	
266	209183-0000	-		2	RING	
268	978440-0000	-		1	CRAMP	
270	312105-0368	-		2	SCREW M6S M6X16 A280	
295	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
310	312125-0285	-		2	SCREW SLOT.PAN HD. MCS 4X6 A480	
415	312105-0333	-		1	SCREW M6S ISO 4017 M5X25 A480	
420	312105-0366	-		1	SCREW M6S M6X12 A280	
425	312812-0314	-		1	HEXAGON NUT, NY-LOCK M5 A480	
430	315105-0146	-		2	BRICKA BRB5,3X10RFR	
435	315105-0153	-		1	WASHER BRB6,4X12RFR	
440	315204-0208	A		2	O-RING 9,3X2,4 MM	
445	90030-0549	-		2	CONN. STRAIGHT, BULKHEAD, SS-4-VCO-61	
450	90155-0008	-	MM	300	HANGER CHAIN, 18	
455	90242-0162	A		5	O-RING 6,07X1,78 MM	
470	90141-0017	-		1	RETAINING RING FOR SHAFT, 17X1MM	
475	1348046-0000	-		1	HOLDER	
480	353243-0005	-		2	EXTENDED WITHOUT INSERT, PG16	
485	1511332-0000	-		2	GLAND,INSERT, NORMAL E154G 4X5	
486	90099-0110	-		1	NUT, PR 22,5 (PG16)	
490	90152-0051	-	MM	1000	SPIRAL CONDUIT, 25X18, UL 1816	
505	315115-0165	-		4	WASHER PLAIN, TBRB 8,4/16 H=3	
507	315125-0153	-		2	WASHER TBRSB 6,4X22X4 A4	
540	342732-0102	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/8	
550	342840-0103	-		2	CLAMPING PIECE	
620	90099-0104	-		4	NUT, PR 15,2 (PG9)	
690	90328-0003	-		1	SILENCER	
700	90187-0176	A		1	ACTUATOR ECC 008 FOR DIAPHR. VALVE	
710	90187-0325	A		1	DIAPHRAGM, 214/300 AO08 4-B -20-150§C	
720	312145-0228	-		1	SCREW COUNTERS.SLOT.HD. MFS 3X16 SS	
730	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
740	90326-0022	-		2	PLUG, MALE YELLOW CR-AL	
750	353243-0001	-		3	EXTENDED WITHOUT INSERT, PG9	
751	90152-0059	-	MM	1000	SPIRAL CONDUIT, 18X12, UL 1211	
752	353249-0009	-		3	INSERT, SINGEL HOLE, EK 152/9	
800	359000-0400	-		2	MARKING CO2/4"0"	
805	359000-0401	-		2	MARKING COLLAR 2/4 "1" YELLOW	
810	359000-0404	-		2	MARKING COLLAR PA2/4 "4" YELLOW	
815	359000-0405	-		2	MARKING CO2/4"5"	
820	359000-0409	-		2	MARKING COLLAR PA2/4 "9" YELLOW	
B9106	90326-0060	A		1	THERMOCOUPLE, CR-AL	
B9107	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B9108	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B9109	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B9110	90458-0672	-		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
W9106	90220-0034	-	MM	6000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
NOHI (See drawing on page: 140)						
015	1041781-0000	-		1	HOLDER	
505	315115-0165	-		2	WASHER PLAIN, TBRB 8,4/16 H=3	
620	90099-0104	-		2	NUT, PR 15,2 (PG9)	
750	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
752	353249-0009	-		1	INSERT, SINGEL HOLE, EK 152/9	
Common Parts						
010	1350954-0000	-		1	MOUNTING PLATE	
020	1195476-0000	B		1	SCREW	
030	1036778-0000	A		1	GASKET	
040	1036777-0000	A		1	GASKET	
290	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
300	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
305	312105-0497	-		4	SCREW M6S ISO 4017 M10X35 A480	
400	312605-0318	-		12	HEXAGON NUT, M6M M8 A280	
410	312605-0320	-		6	HEXAGON NUT, M6M M10 A280	
500	315105-0173	-		2	WASHER BRB10,5X22RFR	
610	90012-0123	-		1	GLAND FITTING	
640	90153-0016	-		1	ADHESIVE,TUBE 100G RHODORSIL CAF 3	

Machine Type | Group Description | Used-In | Group Number | Page No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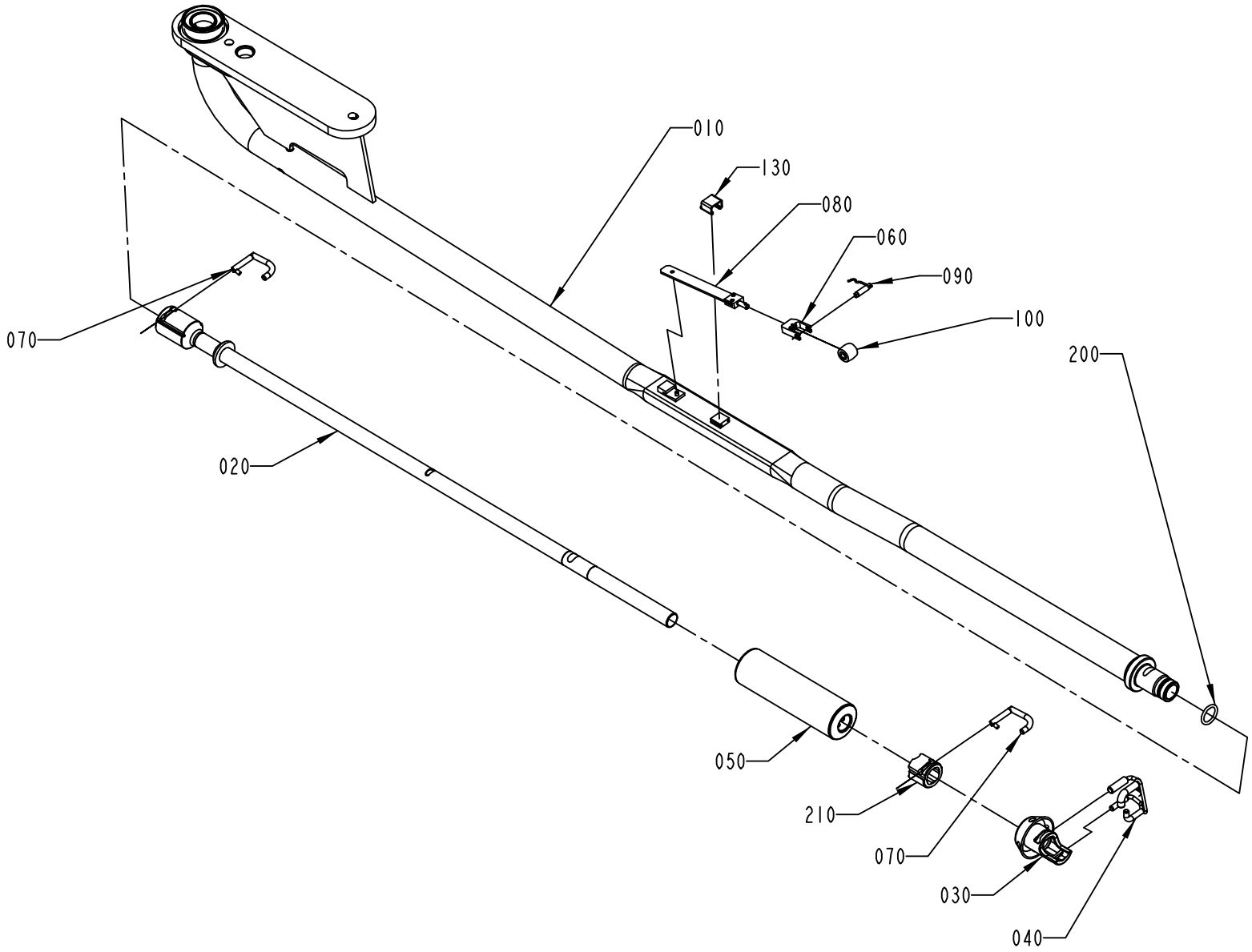
1334991-3
ECM 122776

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B (See drawing on page: 146)						
010	1538031-0000	A		1	FILLING PIPE	
020	2598020-0000	A		1	LOWER FILLING PIPE	
030	2601472-0000	A		1	PRESSURE FLANGE	
040	2563292-0000	A		1	STOP PIN	
050	979326-0000	A		1	FLOAT	
060	1317438-0000	A		1	FORK	
070	2605148-0000	A		2	STOP PIN	
080	1498621-0000	A		1	SPRING	
090	2529418-0000	A		1	SHAFT	
100	257330-0000	A		1	PRESSURE ROLLER	
130	295377-0003	A		1	HOOD	
200	315204-0215	A		1	O-RING 19,2X3 MM	
210	1498143-0000	A		1	LOCKING RING	
TBA 0200S (See drawing on page: 146)						
010	1538031-0000	A		1	FILLING PIPE	
020	2563296-0000	A		1	LOWER FILLING PIPE	
030	2570015-0000	A		1	PRESSURE FLANGE	
040	2563292-0000	A		1	STOP PIN	
050	979330-0000	A		1	FLOATER	
060	255978-0000	A		1	FORK	
070	2605148-0000	A		2	STOP PIN	
080	751604-0000	A		1	SPRING	
090	2529416-0000	A		1	SHAFT	
100	272479-0000	A		1	PRESSURE ROLLER	
130	295377-0001	A		1	HOOD	
200	315204-0215	A		1	O-RING 19,2X3 MM	
210	1499114-0000	A		1	LOCKING RING	
TBA 0250B (See drawing on page: 146)						
010	1538031-0000	A		1	FILLING PIPE	
020	2598015-0000	A		1	LOWER FILLING PIPE	
030	2601472-0000	A		1	PRESSURE FLANGE	
040	2563292-0000	A		1	STOP PIN	
050	979326-0000	A		1	FLOAT	
060	1317438-0000	A		1	FORK	
070	2605148-0000	A		2	STOP PIN	
080	1498621-0000	A		1	SPRING	
090	2529418-0000	A		1	SHAFT	
100	257330-0000	A		1	PRESSURE ROLLER	
130	295377-0003	A		1	HOOD	
200	315204-0215	A		1	O-RING 19,2X3 MM	
210	1498143-0000	A		1	LOCKING RING	
TBA 0250S (See drawing on page: 146)						
010	1538031-0000	A		1	FILLING PIPE	
020	2598024-0000	A		1	LOWER FILLING PIPE	
030	2601475-0000	A		1	PRESSURE FLANGE	
040	2563292-0000	A		1	STOP PIN	
050	979330-0000	A		1	FLOATER	
060	255978-0000	A		1	FORK	
070	2605148-0000	A		2	STOP PIN	
080	751604-0000	A		1	SPRING	
090	2529416-0000	A		1	SHAFT	
100	272479-0000	A		1	PRESSURE ROLLER	
130	295377-0001	A		1	HOOD	
200	315204-0215	A		1	O-RING 19,2X3 MM	
210	1499114-0000	A		1	LOCKING RING	
TBA 0330S (See drawing on page: 146)						
010	1538031-0000	A		1	FILLING PIPE	
020	2598022-0000	A		1	LOWER FILLING PIPE	
030	2601472-0000	A		1	PRESSURE FLANGE	
040	2563292-0000	A		1	STOP PIN	
050	979326-0000	A		1	FLOAT	
060	1317438-0000	A		1	FORK	
070	2605148-0000	A		2	STOP PIN	
080	1498621-0000	A		1	SPRING	
090	2529418-0000	A		1	SHAFT	
100	257330-0000	A		1	PRESSURE ROLLER	
130	295377-0003	A		1	HOOD	
200	315204-0215	A		1	O-RING 19,2X3 MM	
210	1498143-0000	A		1	LOCKING RING	
TBA 0500B, TBA 1000B (See drawing on page: 144)						
010	1487374-0000	A		1	FILLING PIPE	
020	2563293-0000	A		1	LOWER FILLING PIPE	
030	2563294-0000	A		1	PRESSURE FLANGE	
040	2563295-0000	A		1	STOP PIN	
050	1317010-0000	A		1	FLOATER	
060	1348048-0000	A		1	FORK	
070	2598008-0000	A		1	STOP PIN	
080	1517053-0000	A		1	SPRING	



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ECM 122776

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500B, TBA 1000B (Cont'd) (See drawing on page: 144)						
090	2523268-0000	A		1	SHAFT	
100	232979-0000	A		1	PRESSURE ROLLER	
130	14600-0000	A		1	HOOD	
200	315204-0219	A		1	O-RING 29,2X3 MM	
TBA 0500S (See drawing on page: 144)						
010	1499883-0000	A		1	FILLING PIPE	
020	2598019-0000	A		1	LOWER FILLING PIPE	
030	2601468-0000	A		1	PRESSURE FLANGE	
040	2563295-0000	A		1	STOP PIN	
050	1517180-0000	A		1	FLOAT	
060	1348049-0000	A		1	FORK	
070	2598008-0000	A		1	STOP PIN	
080	1517053-0000	A		1	SPRING	
090	2529420-0000	A		1	SHAFT	
100	499387-0000	A		1	PRESSURE ROLLER	
130	434665-0000	A		1	HOOD	
200	315204-0219	A		1	O-RING 29,2X3 MM	
TBA 1000S (See drawing on page: 144)						
010	1487374-0000	A		1	FILLING PIPE	
020	2563289-0000	A		1	LOWER FILLING PIPE	
030	2563290-0000	A		1	PRESSURE FLANGE	
040	2563295-0000	A		1	STOP PIN	
050	1317010-0000	A		1	FLOATER	
060	1348047-0000	A		1	FORK	
070	2598008-0000	A		1	STOP PIN	
080	1347111-0000	A		1	SPRING	
090	2529419-0000	A		1	SHAFT	
100	499387-0000	A		1	PRESSURE ROLLER	
130	434665-0000	A		1	HOOD	
200	315204-0219	A		1	O-RING 29,2X3 MM	
TBA 1000SQ (See drawing on page: 144)						
010	1487374-0000	A		1	FILLING PIPE	
020	2563289-0000	A		1	LOWER FILLING PIPE	
030	2601469-0000	A		1	PRESSURE FLANGE	
040	2563295-0000	A		1	STOP PIN	
050	1349795-0000	A		1	FLOATER	
060	1348049-0000	A		1	FORK	
070	2598008-0000	A		1	STOP PIN	
080	1347111-0000	A		1	SPRING	
090	2529420-0000	A		1	SHAFT	
100	257330-0000	A		1	PRESSURE ROLLER	
130	434665-0000	A		1	HOOD	
200	315204-0219	A		1	O-RING 29,2X3 MM	
TBA 1500S (See drawing on page: 144)						
010	1487374-0000	A		1	FILLING PIPE	
020	2598016-0000	A		1	LOWER FILLING PIPE	
030	2598017-0000	A		1	PRESSURE FLANGE	
040	2563295-0000	A		1	STOP PIN	
050	1317010-0000	A		1	FLOATER	
060	1317438-0000	A		1	FORK	
070	2598008-0000	A		1	STOP PIN	
080	1558746-0000	A		1	SPRING	
090	2529418-0000	A		1	SHAFT	
100	257330-0000	A		1	PRESSURE ROLLER	
130	14600-0000	A		1	HOOD	
200	315204-0219	A		1	O-RING 29,2X3 MM	
TPA 0250SQ (See drawing on page: 146)						
010	1538031-0000	A		1	FILLING PIPE	
020	2601467-0000	A		1	LOWER FILLING PIPE	
030	2601473-0000	A		1	PRESSURE FLANGE	
040	2563292-0000	A		1	STOP PIN	
050	979330-0000	A		1	FLOATER	
060	255978-0000	A		1	FORK	
070	2605148-0000	A		2	STOP PIN	
080	751604-0000	A		1	SPRING	
090	2529416-0000	A		1	SHAFT	
100	272479-0000	A		1	PRESSURE ROLLER	
130	295377-0003	A		1	HOOD	
200	315204-0215	A		1	O-RING 19,2X3 MM	
210	1499114-0000	A		1	LOCKING RING	
TPA 0330SQ (See drawing on page: 146)						
010	1538031-0000	A		1	FILLING PIPE	
020	2598018-0000	A		1	LOWER FILLING PIPE	
030	2601470-0000	A		1	PRESSURE FLANGE	
040	2563292-0000	A		1	STOP PIN	
050	929276-0000	A		1	FLOAT	
060	568583-0000	A		1	FORK	

See previous drawings pages: 144, 146.

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0330SQ (Cont'd) (See drawing on page: 146)						
070	2605148-0000	A		2	STOP PIN	
080	544894-0000	A		1	SPRING	
090	2529417-0000	A		1	SHAFT	
100	257330-0000	A		1	PRESSURE ROLLER	
130	295377-0003	A		1	HOOD	
200	315204-0215	A		1	O-RING 19,2X3 MM	
210	1498143-0000	A		1	LOCKING RING	
TPA 0500SQ (See drawing on page: 144)						
010	2536045-0000	A		1	FILLING PIPE	
020	2598023-0000	A		1	LOWER FILLING PIPE	
030	2601474-0000	A		1	PRESSURE FLANGE	
040	2563295-0000	A		1	STOP PIN	
050	979326-0000	A		1	FLOAT	
060	1348049-0000	A		1	FORK	
070	2598010-0000	A		1	STOP PIN	
080	1519485-0000	A		1	SPRING	
090	2529420-0000	A		1	SHAFT	
100	257330-0000	A		1	PRESSURE ROLLER	
130	434665-0000	A		1	HOOD	
200	315204-0219	A		1	O-RING 29,2X3 MM	
TPA 1000S (See drawing on page: 144)						
010	1487374-0000	A		1	FILLING PIPE	
020	2598021-0000	A		1	LOWER FILLING PIPE	
030	2601471-0000	A		1	PRESSURE FLANGE	
040	2563295-0000	A		1	STOP PIN	
050	1349795-0000	A		1	FLOATER	
060	1348049-0000	A		1	FORK	
070	2598008-0000	A		1	STOP PIN	
080	1517053-0000	A		1	SPRING	
090	2529420-0000	A		1	SHAFT	
100	499387-0000	A		1	PRESSURE ROLLER	
130	434665-0000	A		1	HOOD	
200	315204-0219	A		1	O-RING 29,2X3 MM	
TPA 1000SQ (See drawing on page: 144)						
010	1499883-0000	A		1	FILLING PIPE	
010	2527369-0000	A		1	FILLING PIPE	
020	2570016-0000	A		1	LOWER FILLING PIPE	
030	2570017-0000	A		1	PRESSURE FLANGE	
040	2563295-0000	A		1	STOP PIN	
050	2563291-0000	A		1	FLOATER	
060	1348049-0000	A		1	FORK	
070	2598008-0000	A		1	STOP PIN	
080	1519485-0000	A		1	SPRING	
090	2529420-0000	A		1	SHAFT	
100	257330-0000	A		1	PRESSURE ROLLER	
130	14600-0000	A		1	HOOD	
200	315204-0219	A		1	O-RING 29,2X3 MM	

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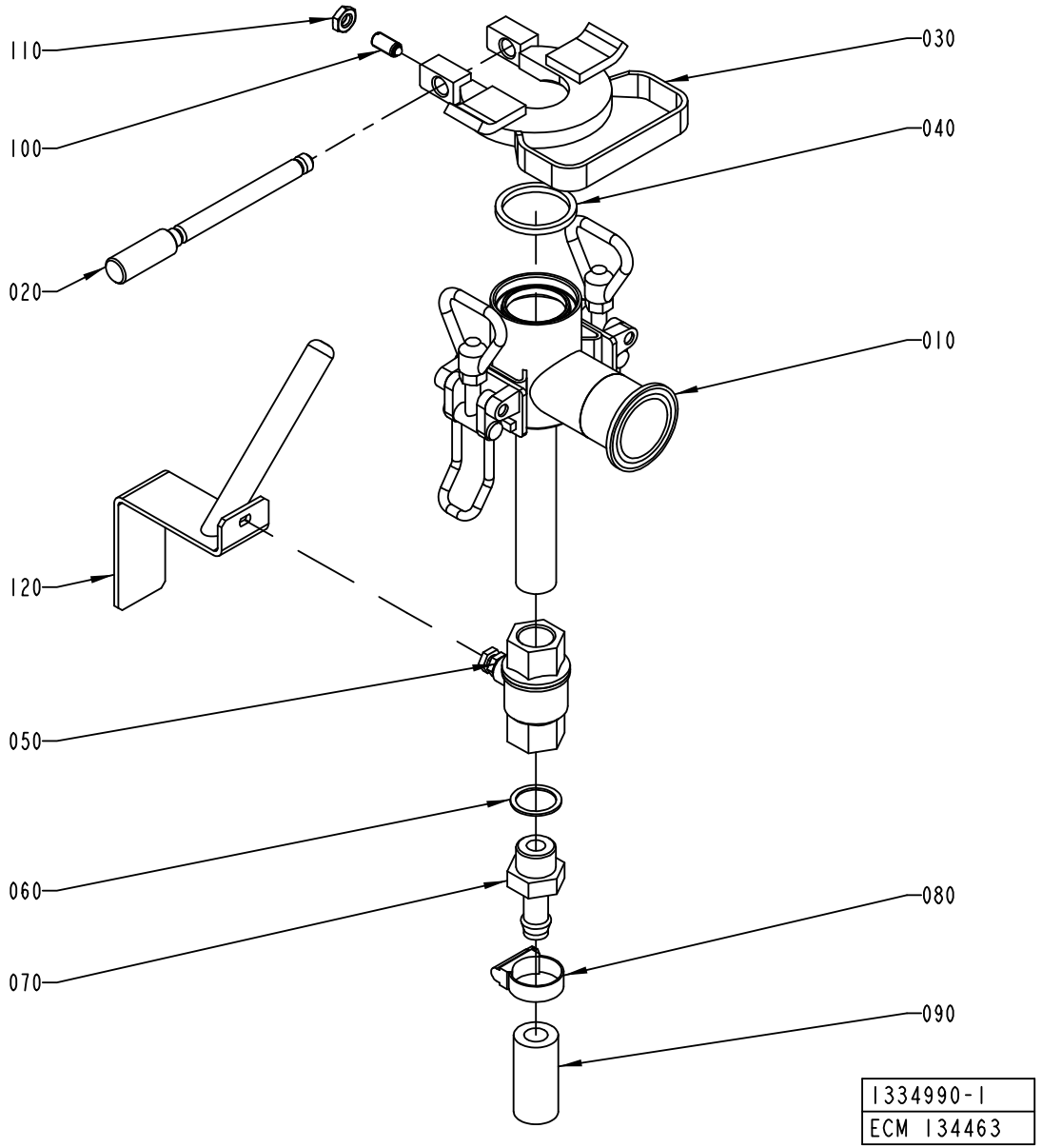
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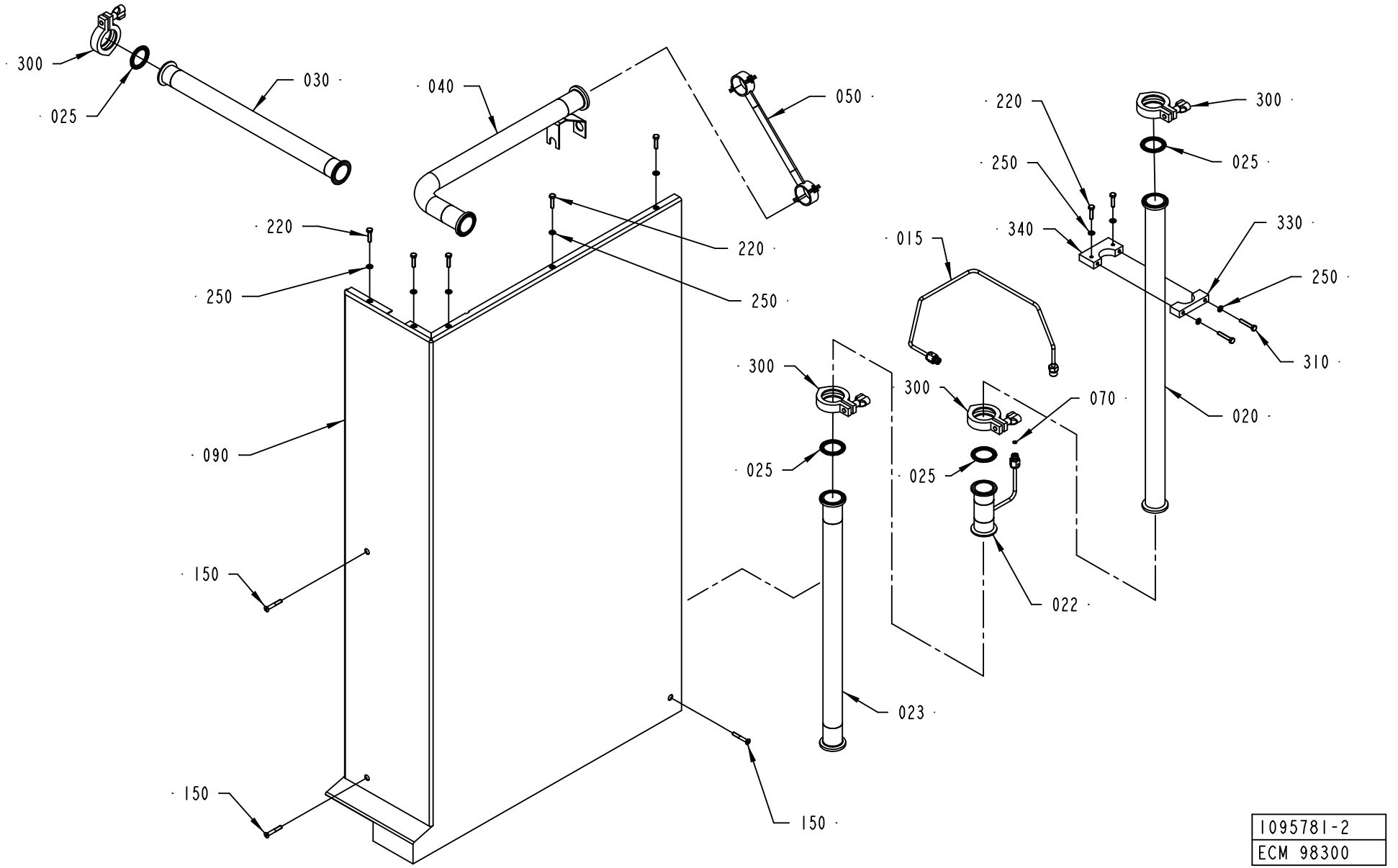
ECM 134463

ECM: 133796 - 20030623
Group number: 1334990-0100
Assembly Drawing: 1334990-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 0250SQ, TPA 0330SQ						
010	1348294-0000	A		1	CLEANING CUP	
030	1348295-0000	A		1	CLAMP	
040	315229-0104	A		1	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
TBA 0500S, TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S, TPA 1000SQ						
010	1348381-0000	A		1	CLEANING CUP	
030	1350885-0000	A		1	CLAMP	
040	1348501-0000	A		1	GASKET	
TPA 0500SQ						
010	2564346-0000	A		1	CLEANING CUP	
030	1350885-0000	A		1	CLAMP	
040	315229-0105	A		1	GASKETS, 48,5X55,5X3,7 MM 2" FDA	
Common Parts						
020	1348206-0000	A		1	LOCK PIN	
050	90187-0082	A		1	BALL VALVE G1/2	
060	315233-0113	-		1	WASHER CAPTIVE SEALING G1/2	
070	90055-0071	-		1	HOSE NIPPLE, EXT.THR. R1/2X13 MM	
080	342991-0104	-		1	HOSE CLIP,WORM DRIVE TYPE (23)-27	
090	90148-0021	-	M	1	HOSE	
100	90287-0112	-		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
110	312625-0318	-		1	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
120	2605150-0000	-		1	COCK HANDLE	

Pos	Part No	SP	UN	Qty	Description	Page No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1095781-2
ECM 98300

ECM: 98303 - 20020131
Group number: 1095781-0200
Assembly Drawing: 1095781-2_1_AD

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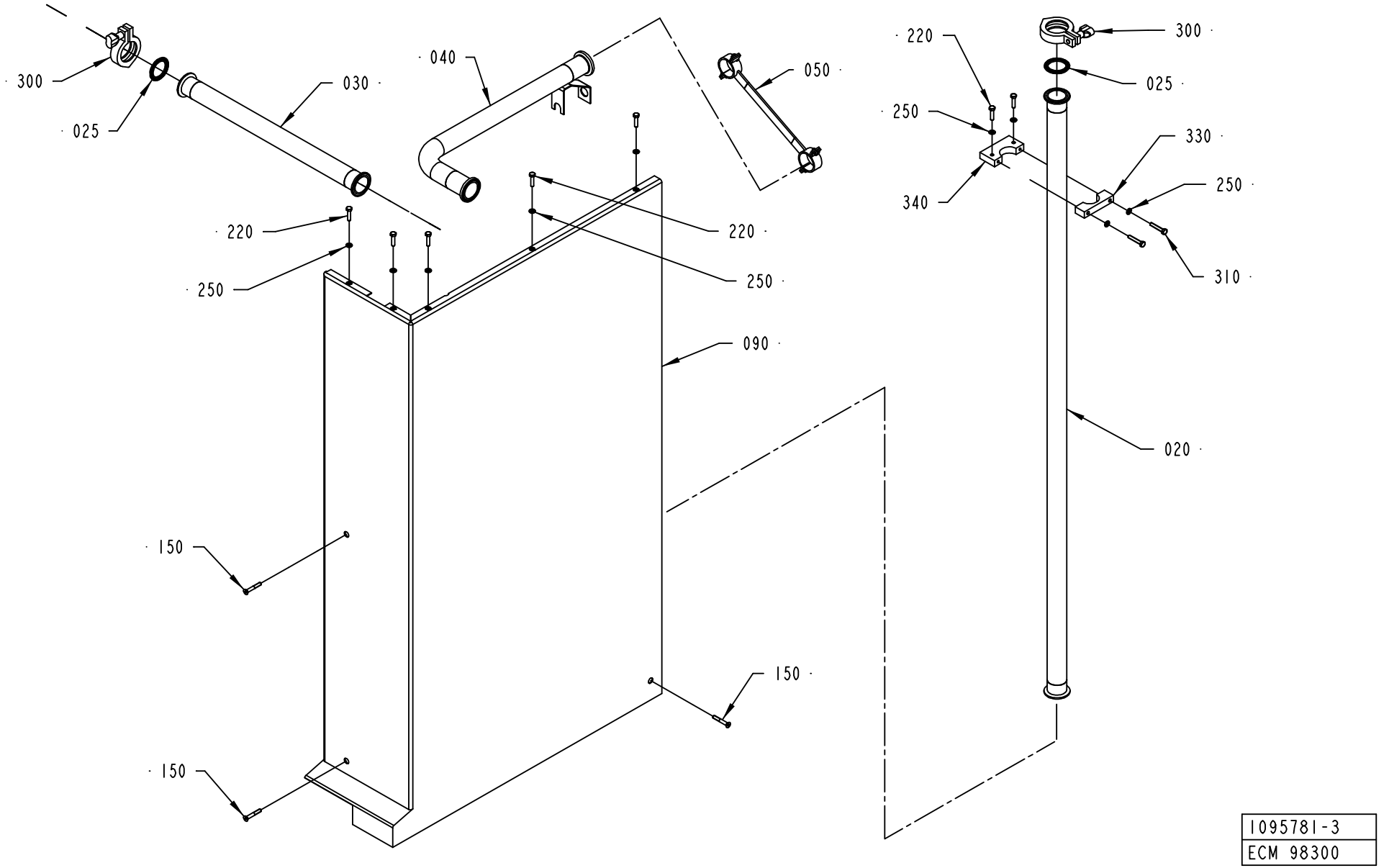
Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 152)						
015	1347911-0000	B		1	PIPE	
020	1348060-0000	-		1	PIPE	
022	979256-0000	B		1	CLEANING PIPE	
023	1347465-0000	-		1	PIPE	
025	342850-0304	A		4	GASKET 35,4X49,1X5,2 1"1/2 FDA	
070	90242-0162	A		1	O-RING 6,07X1,78 MM	
300	342840-0103	-		4	CLAMPING PIECE	
NOHI (See drawing on page: 154)						
020	1140025-0000	-		1	PIPE	
025	342850-0304	A		2	GASKET 35,4X49,1X5,2 1"1/2 FDA	
300	342840-0103	-		2	CLAMPING PIECE	
Common Parts						
030	1255580-0000	-		1	PIPE	
040	1038964-0000	-		1	INTERMEDIATE PART	
050	1038965-0000	-		1	HOLDER	
090	1129176-0000	-		1	COVER PLATE	
150	90226-0458	-		3	MOUNTING SCREW	
220	312105-0372	-		7	SCREW M6S ISO 4017 M6X25 A480	
250	315105-0153	-		9	WASHER BRB6,4X12RFR	
310	312109-0376	-		2	SCREW M6S ISO 4017 M6X35 A480	
330	1478014-0000	-		1	SUPPORT	
340	1478015-0000	-		1	SUPPORT	

Pos	Part No	SP	UN	Qty	Description	Page No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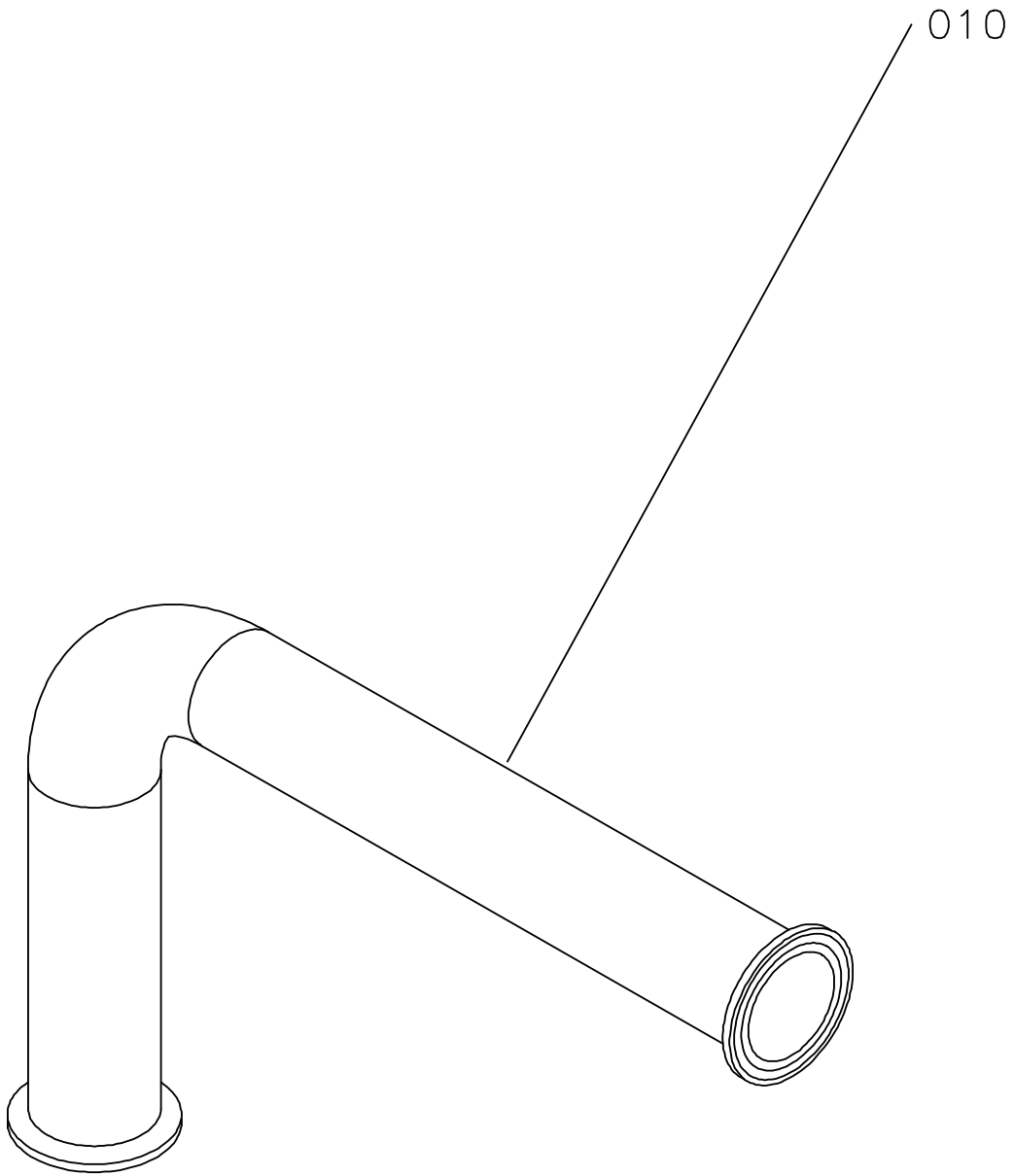
1095781-3
ECM 98300

ECM: 98303 - 20020131
Group number: 1095781-0200
Assembly Drawing: 1095781-3_1_AC

This list covers pages from 152 to 155

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 152)						
015	1347911-0000	B		1	PIPE	
020	1348060-0000	-		1	PIPE	
022	979256-0000	B		1	CLEANING PIPE	
023	1347465-0000	-		1	PIPE	
025	342850-0304	A		4	GASKET 35,4X49,1X5,2 1"1/2 FDA	
070	90242-0162	A		1	O-RING 6,07X1,78 MM	
300	342840-0103	-		4	CLAMPING PIECE	
NOHI (See drawing on page: 154)						
020	1140025-0000	-		1	PIPE	
025	342850-0304	A		2	GASKET 35,4X49,1X5,2 1"1/2 FDA	
300	342840-0103	-		2	CLAMPING PIECE	
Common Parts						
030	1255580-0000	-		1	PIPE	
040	1038964-0000	-		1	INTERMEDIATE PART	
050	1038965-0000	-		1	HOLDER	
090	1129176-0000	-		1	COVER PLATE	
150	90226-0458	-		3	MOUNTING SCREW	
220	312105-0372	-		7	SCREW M6S ISO 4017 M6X25 A480	
250	315105-0153	-		9	WASHER BRB6,4X12RFR	
310	312109-0376	-		2	SCREW M6S ISO 4017 M6X35 A480	
330	1478014-0000	-		1	SUPPORT	
340	1478015-0000	-		1	SUPPORT	

Pos	Part No	SP	UN	Qty	Description	Page No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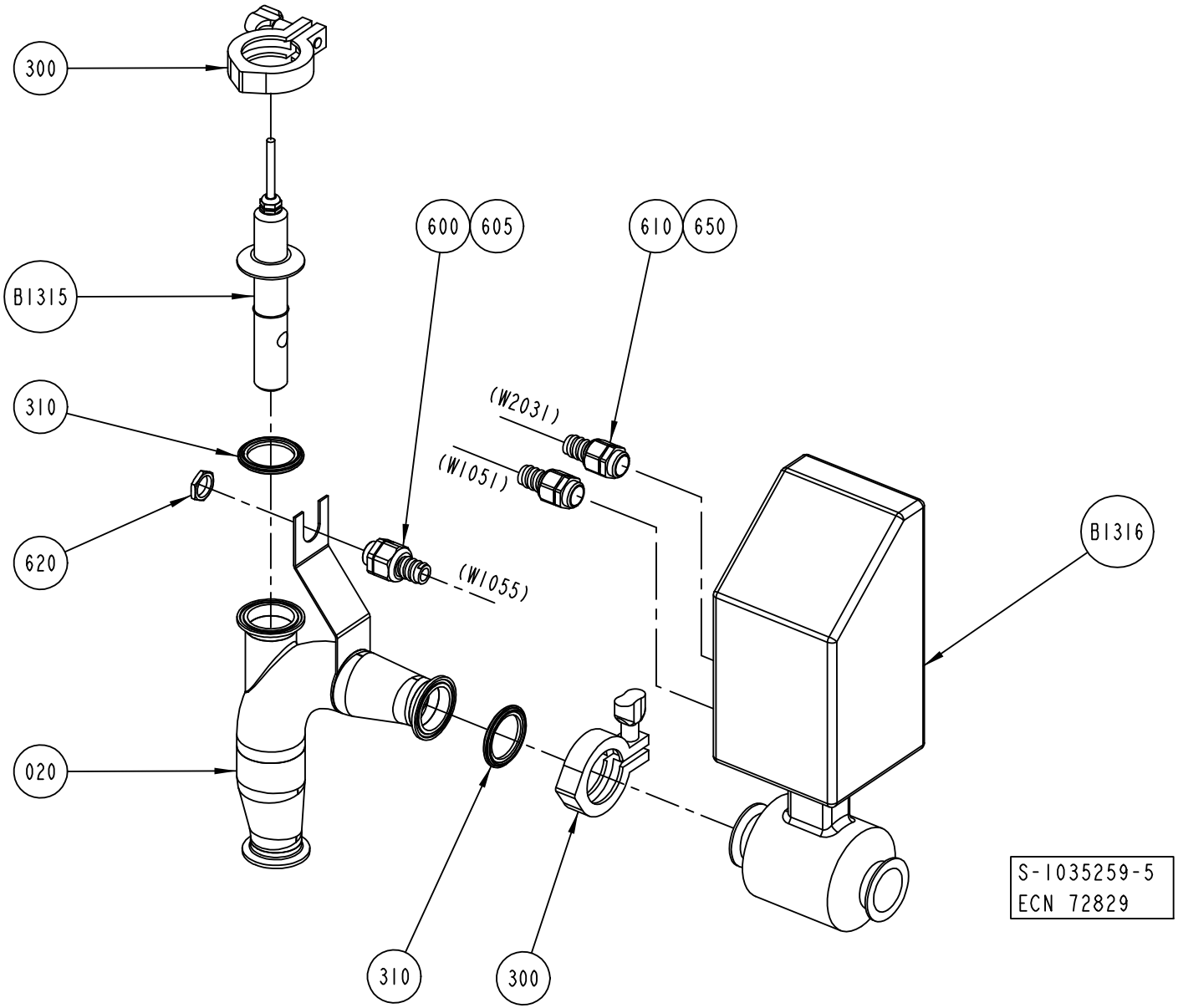
Pos	Part No	SP	UN	Qty	Description	Page No
CIPSUPERV (See drawing on page: 158)						
020	1037461-0000	-		1	CONDUCTIVITY PIPE	
300	342840-0103	-		2	CLAMPING PIECE	
310	342850-0304	-		2	GASKET 35,4X49,1X5,2 1"1/2 FDA	
600	353243-0003	-		1	EXTENDED WITHOUT INSERT, PG11	
605	353249-0011	-		1	INSERT, SINGEL HOLE, EK 153/11	
610	353244-0002	-		2	EXTENDED WITHOUT INSERT, HIGH TEMP, PG13	
620	90099-0117	-		1	NUT, PR 18,6 (PG11)	
650	353249-0018	-		2	INSERT, SINGEL HOLE, HI.TEMP, EK152I9	
B1315	90243-0321	-		1	CONDUCTIVITY SENSOR, TP5EL. 00343-10803	
	90242-0198	*-*		*1*	*O-RING*	
B1316	90243-0430	-		1	FLOW METER, MAG 1100 FOOD PFA	
	90458-1617	*-*		*1*	*GASKET, DN40 FOR MAG 1100 FOOD*	
NOCIPSUPERV (See drawing on page: 156)						
010	1038334-0000	-		1	PIPE	

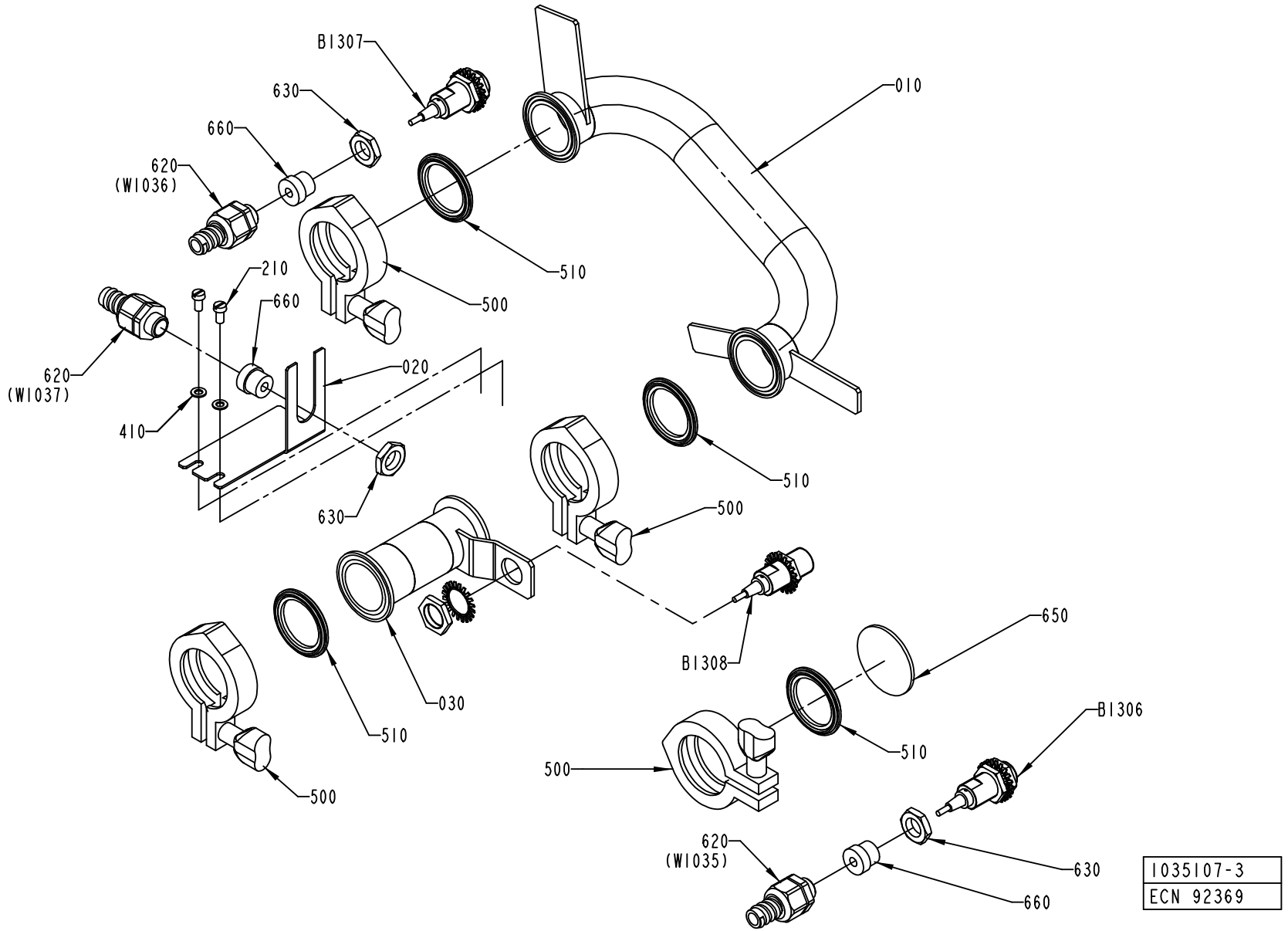

300
B1315
310
620
020
600
605
610
650
(W2031)
(W1051)
(W1055)
B1316
310
300
S-1035259-5
ECN 72829

ECM: 81845 - 20010116
Group number: 1035259-0200
Assembly Drawing: 1035259-5_1_AA

This list covers pages from 156 to 159

Pos	Part No	SP	UN	Qty	Description	Page No
CIPSUPERV (See drawing on page: 158)						
020	1037461-0000	-		1	CONDUCTIVITY PIPE	
300	342840-0103	-		2	CLAMPING PIECE	
310	342850-0304	-		2	GASKET 35,4X49,1X5,2 1"1/2 FDA	
600	353243-0003	-		1	EXTENDED WITHOUT INSERT, PG11	
605	353249-0011	-		1	INSERT, SINGEL HOLE, EK 153/11	
610	353244-0002	-		2	EXTENDED WITHOUT INSERT, HIGH TEMP, PG13	
620	90099-0117	-		1	NUT, PR 18,6 (PG11)	
650	353249-0018	-		2	INSERT, SINGEL HOLE, HI.TEMP, EK152I9	
B1315	90243-0321	-		1	CONDUCTIVITY SENSOR, TP5EL. 00343-10803	
	90242-0198	*-*		*1*	*O-RING*	
B1316	90243-0430	-		1	FLOW METER, MAG 1100 FOOD PFA	
	90458-1617	*-*		*1*	*GASKET, DN40 FOR MAG 1100 FOOD*	
NOCIPSUPERV (See drawing on page: 156)						
010	1038334-0000	-		1	PIPE	

Pos	Part No	SP	UN	Qty	Description	Page No


B1307
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500
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620
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630
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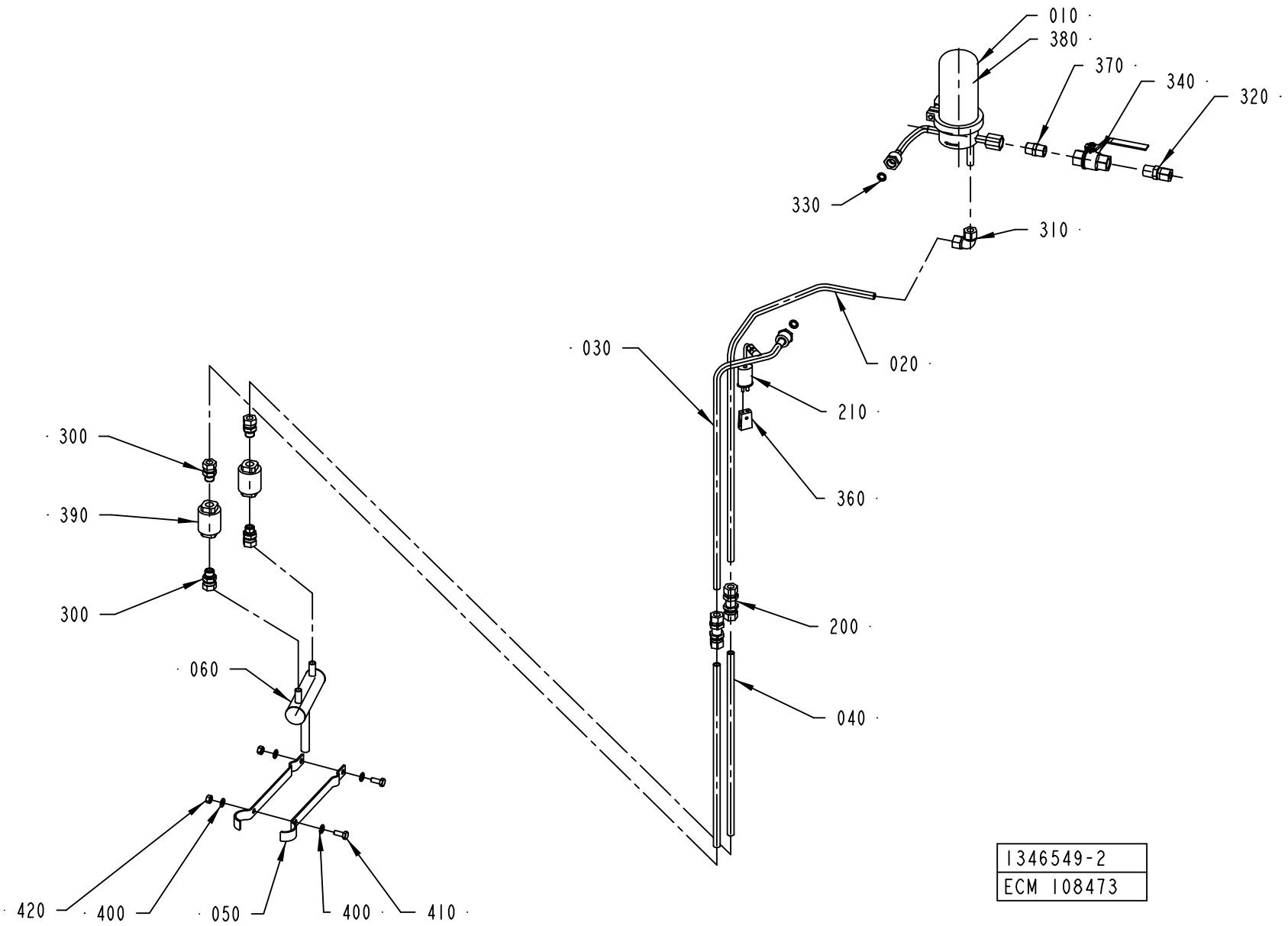
B1308
650
030
510
B1306
500
510
620
(W1035)
630
660
500
1035107-3
ECN 92369

ECM: 92933 - 20010917
Group number: 1035107-0300
Assembly Drawing: 1035107-3_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1538064-0000	-		1	SWITCH OVER PIPE	
020	1538083-0000	-		1	HOLDER	
030	1558891-0000	-		1	PIPE	
060	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
210	312125-0325	-		2	SCREW SLOT.PAN HD. MCS 5X10 A480	
410	315105-0146	-		2	BRICKA BRB5,3X10RFR	
500	342840-0103	-		4	CLAMPING PIECE	
510	342850-0304	A		4	GASKET 35,4X49,1X5,2 1"1/2 FDA	
620	353243-0001	-		3	EXTENDED WITHOUT INSERT, PG9	
630	90099-0104	-		3	NUT, PR 15,2 (PG9)	
650	90217-0332	-		1	SOLID END CAP ISO2852, FOR TUBE 38,1 MM	
660	353249-0008	-		3	INSERT, SINGEL HOLE, EK 152/7	
B1306	90458-0676	A		1	PROXIMITY SWITCH,E2EG-X5B1-6M	
B1307	90458-0676	A		1	PROXIMITY SWITCH,E2EG-X5B1-6M	
B1308	90458-0676	A		1	PROXIMITY SWITCH,E2EG-X5B1-6M	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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390
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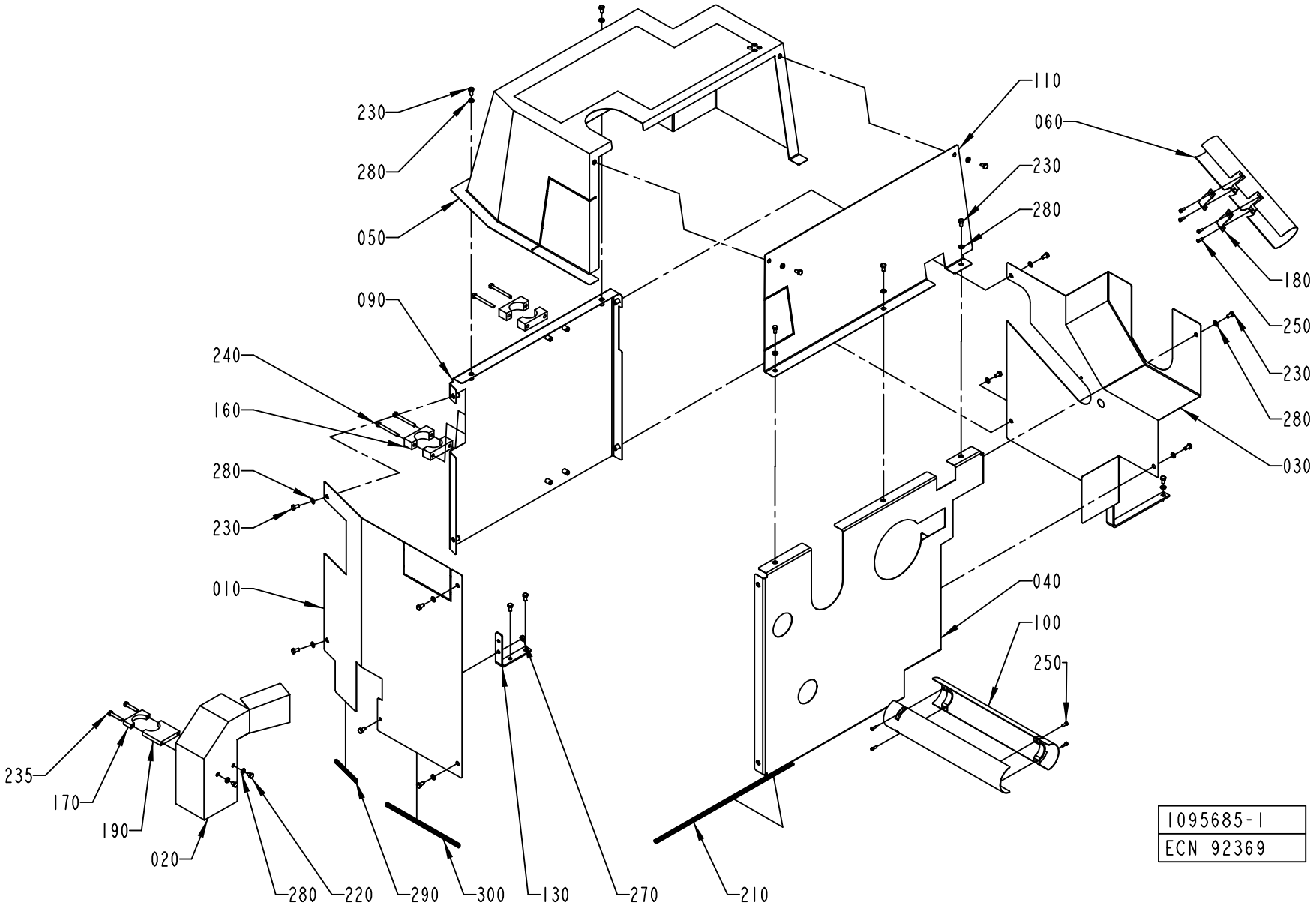
410
1346549-2
ECM 108473

ECM: 109417 - 20020922
Group number: 1346549-0200
Assembly Drawing: 1346549-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2514268-0000	A		1	FILTER HOUSING	
	90458-2549	-		*1*	*O-RING 72,69X2,62 MM*	
020	1346550-0000	-		1	PIPE	
030	1346548-0000	-		1	PIPE	
040	1346547-0000	-		2	PIPE	
050	1535060-0000	-		2	BRACKET	
060	1346554-0000	-		1	ATTACHMENT PIPE	
200	90030-0030	-		2	CONN. BULKHEAD SV 12-L/SY	
210	90326-0089	-		1	THERMOCOUPLE, 5110-089-000	
300	90030-0187	-		4	CONN. STR. GA-12-G3/8	
310	90030-0096	-		1	CONN. ELBOW W-12	
320	90030-0180	-		1	CONN. STR. GE 12-1/2-14 NPTF	
330	90091-0266	A		2	SEAL RING 10,4X16,3X2,5 MM	
340	90187-0082	A		1	BALL VALVE G1/2	
360	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
370	90330-0021	-		1	NIPPLES, EXT. THREAD. R-207R1/2	
380	90337-0315	A		1	FILTERINSERT / MCS 4463	
390	90360-0020	A		2	STEAM TRAP / MK36/51 3/8"	
	90360-0310	-		*1*	*CAPSULE, FOR STEAM TRAP 90360-20*	
	90360-0309	-		*1*	*STRAINER, FOR STEAM TRAP 90360-20*	
400	315105-0165	-		4	WASHER BRB8,4X16RFR	
410	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
420	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	

Pos	Part No	SP	UN	Qty	Description	Page No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180
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230
280
030
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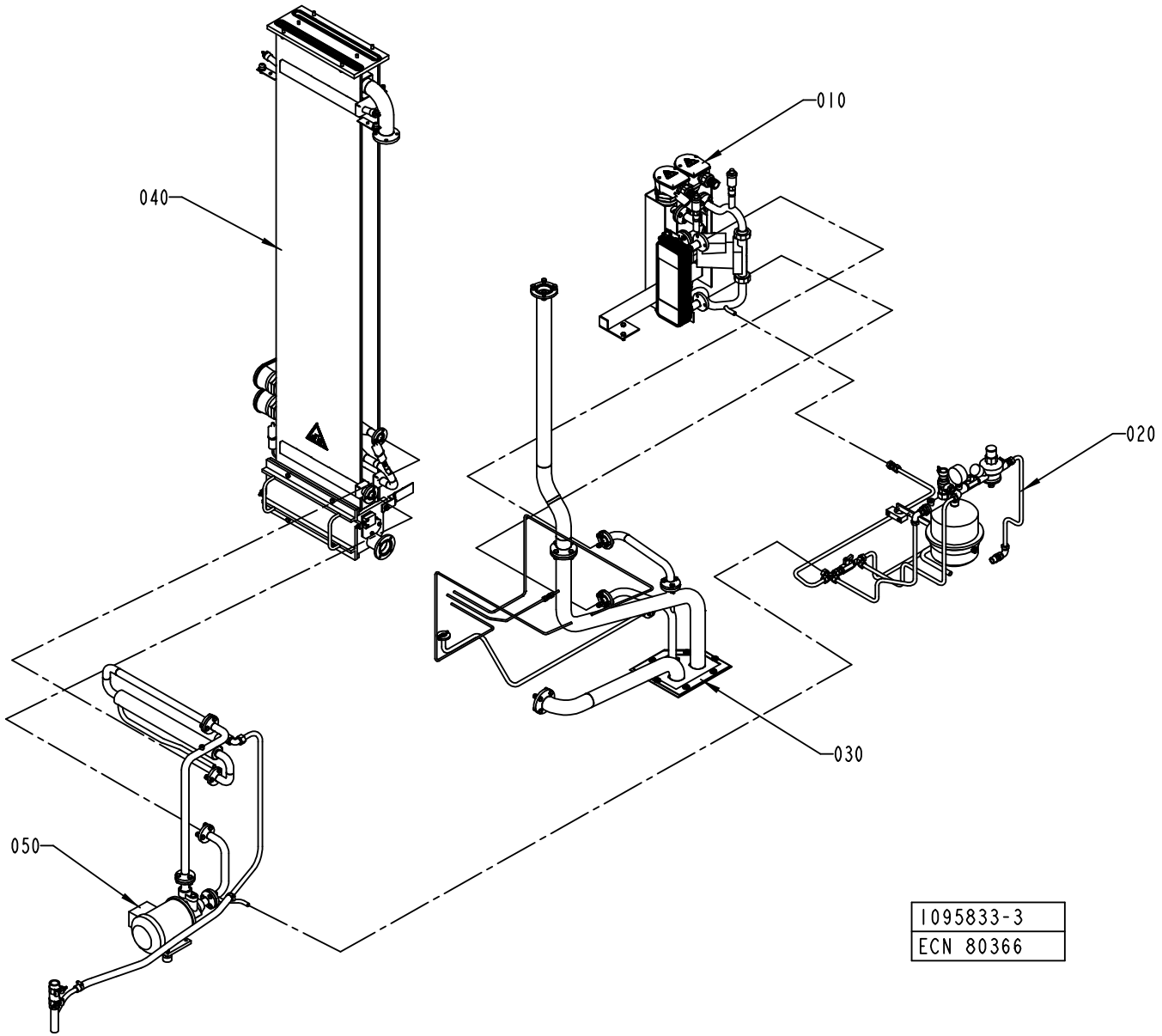
250
1095685-1
ECN 92369

ECM: 92918 - 20010917
Group number: 1095685-0200
Assembly Drawing: 1095685-1_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2506816-0000	-		1	PROTECTION	
020	1140478-0000	-		1	PROTECTION	
030	1129024-0000	-		1	PROTECTION	
040	1140524-0000	-		1	PROTECTION	
050	1517304-0000	-		1	PROTECTION	
	312925-0104	*-*		*2*	*RIVET NUT M6, CLAMP. LENGTH 0,7 - 3,0*	
060	1538066-0000	-		1	PROTECTION	
090	1140516-0000	-		1	PROTECTION	
	312925-0104	*-*		*10*	*RIVET NUT M6, CLAMP. LENGTH 0,7 - 3,0*	
100	1041989-0000	-		2	PROTECTION	
110	1517305-0000	-		1	PROTECTION	
130	1103342-0000	-		1	BRACKET	
160	735041-0000	-		4	CONNECTION CLAMP	
170	1041988-0000	-		1	CLAMP	
180	1129058-0000	-		2	CLAMP	
190	1140480-0000	-		1	CLAMP	
210	90143-0060	-	MM	440	EDGE STRIP 9,5X6,3MM BLACK PVC	
220	312105-0362	-		2	SCREW M6S ISO 4017 M6X8 A480	
230	312105-0366	-		19	SCREW M6S M6X12 A280	
235	312105-0376	-		2	SCREW M6S ISO 4014 M6X35 A480	
240	312105-0382	-		4	SCREW M6S ISO 4014 M6X60 A480	
250	312125-0291	-		8	SCREW PAN HEAD MCS M4X12 SS	
270	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
280	315105-0153	-		18	WASHER BRB6,4X12RFR	
290	90143-0060	-	MM	90	EDGE STRIP 9,5X6,3MM BLACK PVC	
300	90143-0060	-	MM	250	EDGE STRIP 9,5X6,3MM BLACK PVC	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No


010
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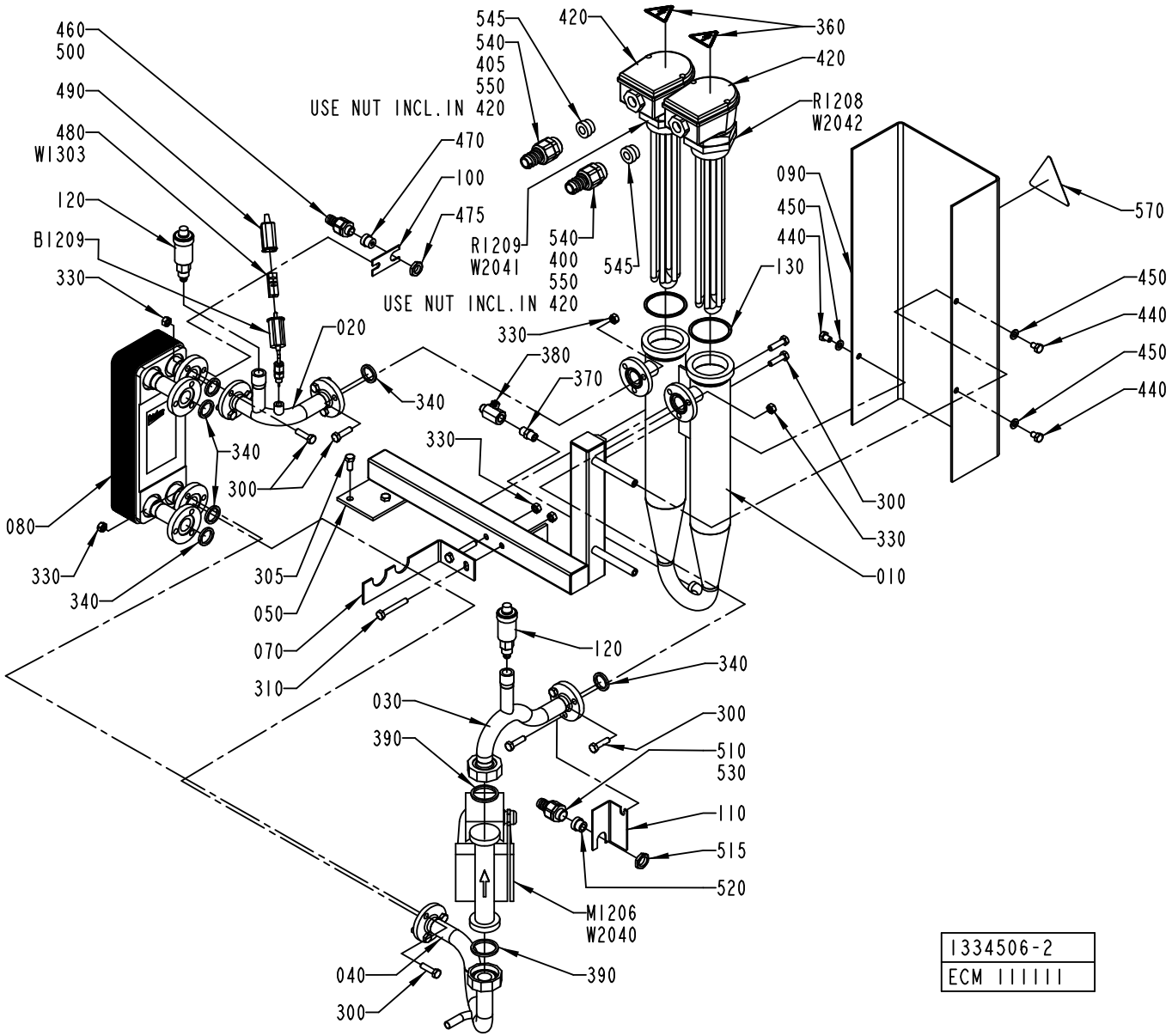
1095833-3
ECN 80366

ECM: 80501 - 20010301
Group number: 1095833-0400
Assembly Drawing: 1095833-3_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1334506-0200	-		1	HEATING UNIT	**169**
020	996353-0400	-		1	PRESSURISING UNIT	**171**
030	1334515-0200	-		1	PEROXIDE PIPE	**173, 175**
040	1035008-0400	-		1	BATH	**177**
050	996352-0300	-		1	WATER CIRCULATION	**179**

Pos	Part No	SP	UN	Qty	Description	Page No

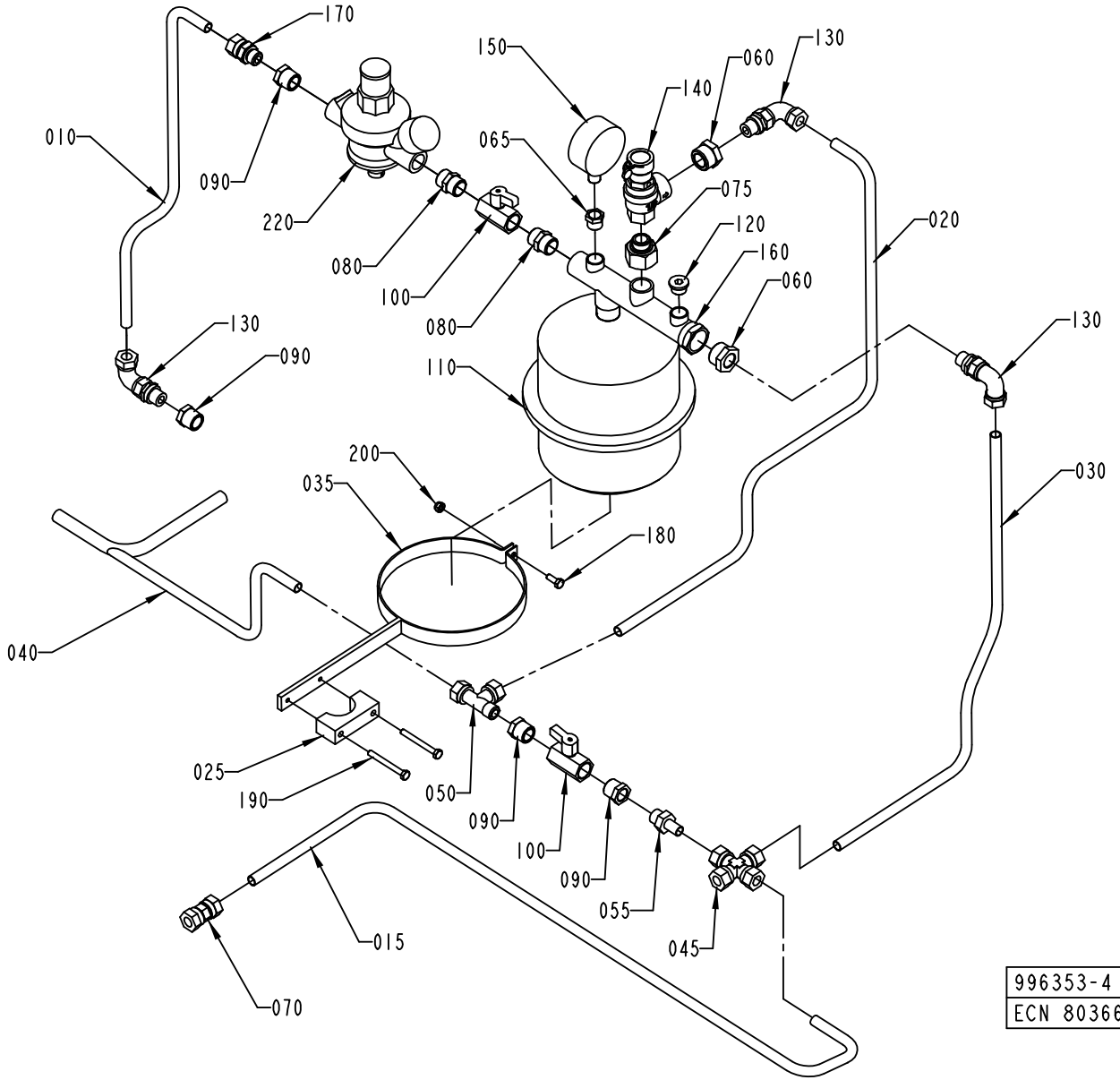


1334506-2
ECM 111111

ECM: 111765 - 20020911
Group number: 1334506-0200
Assembly Drawing: 1334506-2_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
50HZ						
M1206	90321-0134	A		1	CIRC. PUMP TMB 40/2 230V50HZ	
60HZ						
M1206	90321-0135	A		1	CIRC. PUMP TMB 40/2 230V60HZ	
Common Parts						
010	1334507-0000	-		1	TUBE	
020	1538048-0000	-		1	PIPE	
030	1538049-0000	-		1	PIPE	
040	1334516-0000	-		1	PIPE	
050	1349505-0000	-		1	FRAME	
070	1349608-0000	-		1	HOLDER	
080	1346568-0000	A		1	HEAT EXCHANGER	
090	1346574-0000	-		1	PROTECTION	
100	1040970-0000	-		1	BRACKET	
110	1517707-0000	-		1	BRACKET	
120	90187-0105	A		2	PURGING VALVE, G3/8 FOR WATER	
130	90269-0308	A		2	GASKET 59X68X3 MM	
300	312105-0455	-		14	SCREW M6S ISO 4017 M8X30 A480	
305	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
310	312105-0462	-		2	SCREW M6S ISO 4014 M8X55 A480	
330	312605-0318	-		14	HEXAGON NUT, M6M M8 A280	
340	315229-0103	A		6	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
360	359705-0015	-		2	WARNING SIGN ISO, RISK OF ELECTRIC SHOCK	
370	90330-0043	-		1	NIPPLES, EXT. THREAD. R-207R1/4	
380	90187-0158	A		1	THROTTLE BALL VALVE G1/4, R1/4	
390	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
400	90152-0051	-	MM	1800	SPIRAL CONDUIT, 25X18, UL 1816	
405	90152-0051	-	MM	1800	SPIRAL CONDUIT, 25X18, UL 1816	
420	90206-0326	-		2	JUNCTION BOX FOR 90206-56	
440	312105-0447	-		3	SCREW M6S ISO 4017 M8X12 A480	
450	315105-0165	-		3	WASHER BRB8,4X16RFR	
460	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
470	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
475	90099-0104	-		1	NUT, PR 15,2 (PG9)	
480	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
490	90326-0012	-		1	PROTECTIVE COVER, T31A4618	
500	90152-0050	-	MM	1500	SPIRAL CONDUIT, 20X13, UL 1313	
510	353243-0003	-		1	EXTENDED WITHOUT INSERT, PG11	
515	90099-0117	-		1	NUT, PR 18,6 (PG11)	
520	353249-0011	-		1	INSERT, SINGEL HOLE, EK 153/11	
530	90152-0050	-	MM	1750	SPIRAL CONDUIT, 20X13, UL 1313	
540	90012-0131	-		2	NORMAL WITHOUT INSERT, PG21	
545	353249-0013	-		2	INSERT, SINGEL HOLE, EK 154/13	
550	90157-0034	-			SEALING COMPOUND LOCTITE 572 50 ML	
570	90194-0075	-		1	WARNING SIGN ISO, HOT SURFACE	
B1209	90326-0057	A		1	THERMOCOUPLE, CR-AL	
R1208	90206-0070	A		1	HEATING ELEMENT 6000W 380/220V	
	90269-0308	*-*		*1*	*GASKET 59X68X3 MM*	
	90206-0326	*-*		*1*	*JUNCTION BOX FOR 90206-56*	
R1209	90206-0070	A		1	HEATING ELEMENT 6000W 380/220V	
	90269-0308	*-*		*1*	*GASKET 59X68X3 MM*	
	90206-0326	*-*		*1*	*JUNCTION BOX FOR 90206-56*	
W1303	90220-0034	-	M	5	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W2040	351150-0412	-	M	4	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W2041	351120-0164	-	M	4	CABLE SIHF 4X1,5MM2 GREEN/YELLOW	
W2042	351120-0164	-	M	4	CABLE SIHF 4X1,5MM2 GREEN/YELLOW	

Machine Type | Group Description | Used-In | Group Number | Page No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190
090
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090
055
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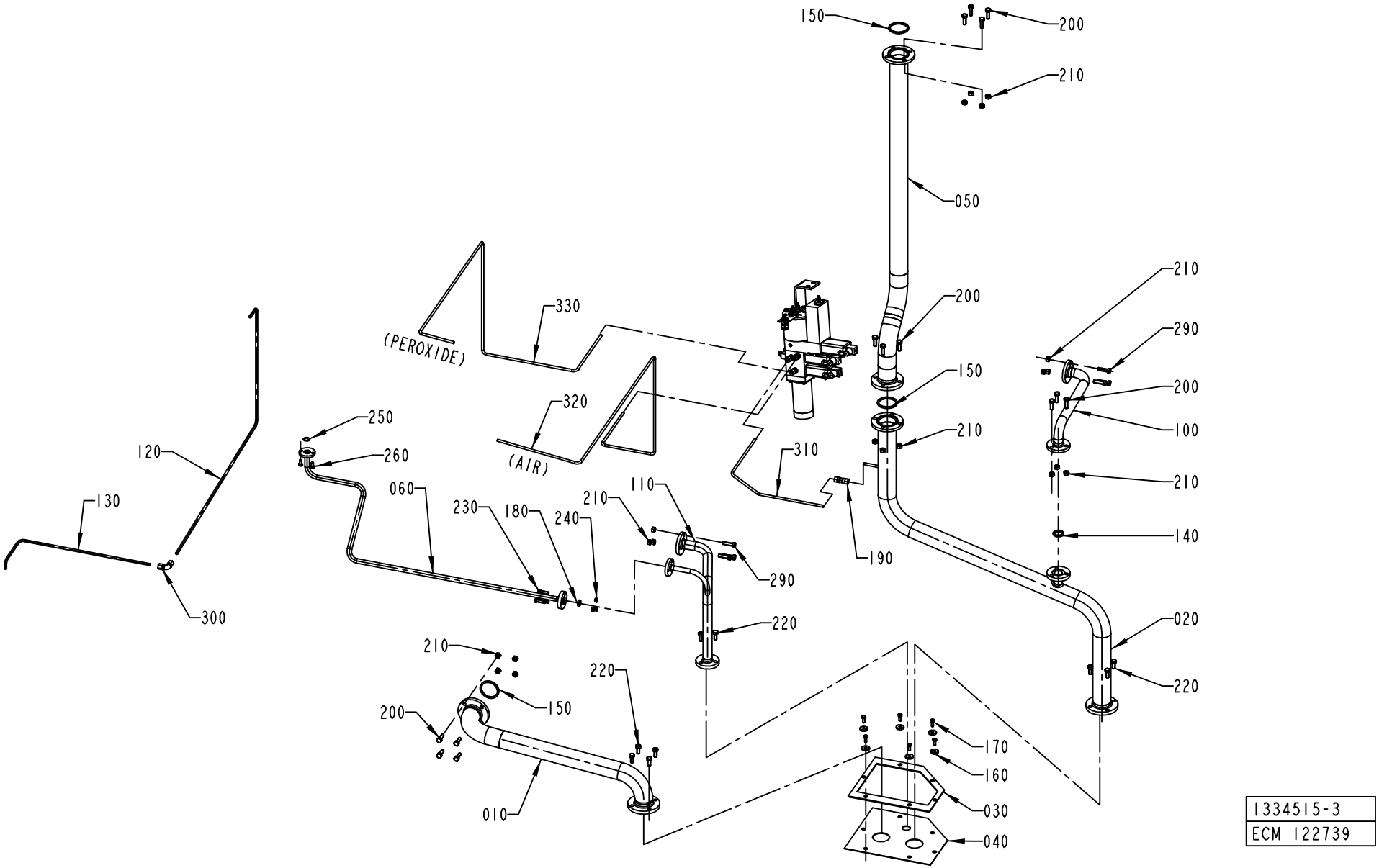
070
996353-4
ECN 80366

ECM: 80500 - 20010301
Group number: 996353-0400
Assembly Drawing: 996353-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1524873-0000	-		1	PIPE	
015	1346575-0000	-		1	PIPE	
020	1348985-0000	-		1	PIPE	
025	1140645-0000	-		1	BRACKET	
030	1129100-0000	-		1	PIPE	
035	1129101-0000	-		1	BRACKET	
040	1348986-0000	-		1	PIPE	
045	90030-0599	-		1	CONN. CROSS, 12	
050	342751-0215	-		1	CONN. L-PIPE, EXT. LE-12-R3/8	
055	90030-0239	-		1	PIPE SOCKET RS-12	
060	342701-0209	-		2	BUSHING,INT./EXT.G-THREAD G3/4"-G3/8"	
065	342701-0203	-		1	BUSHING, INT/EXT. G-THREAD NO. 3/8-1/4	
070	90030-0106	-		1	CONN. PIPE G-12	
075	90458-0751	-		1	BUSHING,INT./EXT.G-THREAD G3/4"-G1/2"	
080	342700-0113	-		2	NIPPLES,HEXAGON,EXT.G-THREAD G1/2"-G1/2"	
090	90330-0048	-		4	BUSHING, INT/EXT. THR. R1/2-RP3/8	
100	90187-0062	A		2	BALL VALVE G1/2, NPBR	
110	90304-0020	A		1	LIQUID CONTAINER	
120	342713-0211	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-380	
130	90030-0136	-		3	ADJUSTABLE ELBOW CONNECTION,EXT 12-G3/8	
140	90458-0200	A		1	PEROX. SAFETY VALVE, NO. 527-430 1/2X3/4	
150	90043-0002	B		1	PRESSURE GAUGE, 2040 D=63 MM	
160	90304-0307	-		1	ATTACHMENT PIPE	
170	90030-0187	-		1	CONN. STR. GA-12-G3/8	
180	312105-0368	-		1	SCREW M6S M6X16 A280	
190	312105-0381	-		2	SCREW M6S ISO 4014 M6X55 A480	
200	312812-0316	-		1	HEXAGON NUT, NY-LOCK M6 A480	
210	90144-0073	-			TREBOFLON-TAPE W=13MM	
220	90458-0201	A		1	FLUID AUT. FEEDER, ALINOX 1/2 46.04.00	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No


150
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140
020
220
330
(PEROXIDE)
320
(AIR)
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230
180
240
210
110
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220
310
190
120
130
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220
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170
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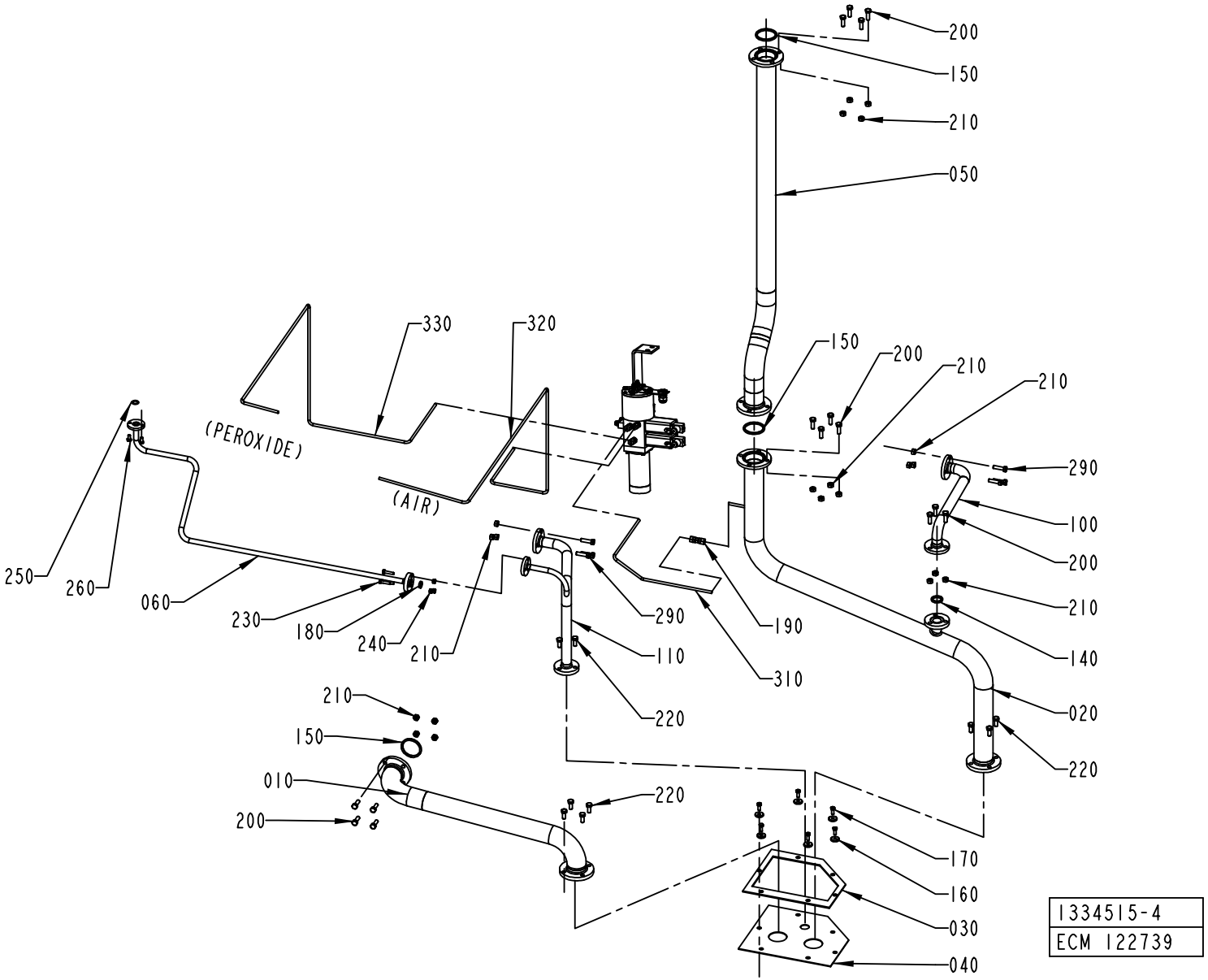
030
040
1334515-3
ECM 122739

ECM: 123528 - 20030330
Group number: 1334515-0200
Assembly Drawing: 1334515-3_1_AD

This list covers pages from 172 to 175

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 172)						
120	1347936-0000	-		1	PIPE	
130	1347943-0000	-		1	PIPE	
300	342737-0204	-		1	CONN. ELBOW W-6 LRFR	
Common Parts						
010	1282889-0000	-		1	PIPE	
020	1334510-0000	-		1	PIPE	
030	1038688-0000	-		1	HOLDER	
040	1255551-0000	-		1	SEAL CLOTH	
050	1334514-0000	-		1	PIPE	
060	1347681-0000	-		1	PIPE	
100	1334511-0000	-		1	PIPE	
110	1334512-0000	-		1	PIPE	
140	315229-0103	A		1	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
150	315229-0105	A		3	GASKETS, 48,5X55,5X3,7 MM 2" FDA	
160	315125-0153	-		6	WASHER TBRSB 6,4X22X4 A4	
170	312105-0368	-		6	SCREW M6S M6X16 A280	
180	315229-0101	A		1	GASKETS, 10,4X17,4X3,7 MM 1/2" FDA	
190	90030-0075	-		1	PIPE CONNECTION G-6	
200	312105-0453	-		15	SCREW M6S ISO 4017 M8X25 A480	
210	312605-0318	-		21	HEXAGON NUT, M6M M8 A280	
220	312105-0451	-		11	SCREW M6S ISO 4017 M8X20 A480	
230	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
240	312605-0316	-		3	HEXAGON NUT, M6M M6 A280	
250	927421-0003	A		1	O-RING 13.3X2.4 SILICON	
260	312105-0366	-		2	SCREW M6S M6X12 A280	
290	312105-0455	-		6	SCREW M6S ISO 4017 M8X30 A480	
310	1512337-0000	-		1	PIPE	
320	1512335-0000	-		1	PIPE	
330	1512336-0000	-		1	PIPE	

Pos	Part No	SP	UN	Qty	Description	Page No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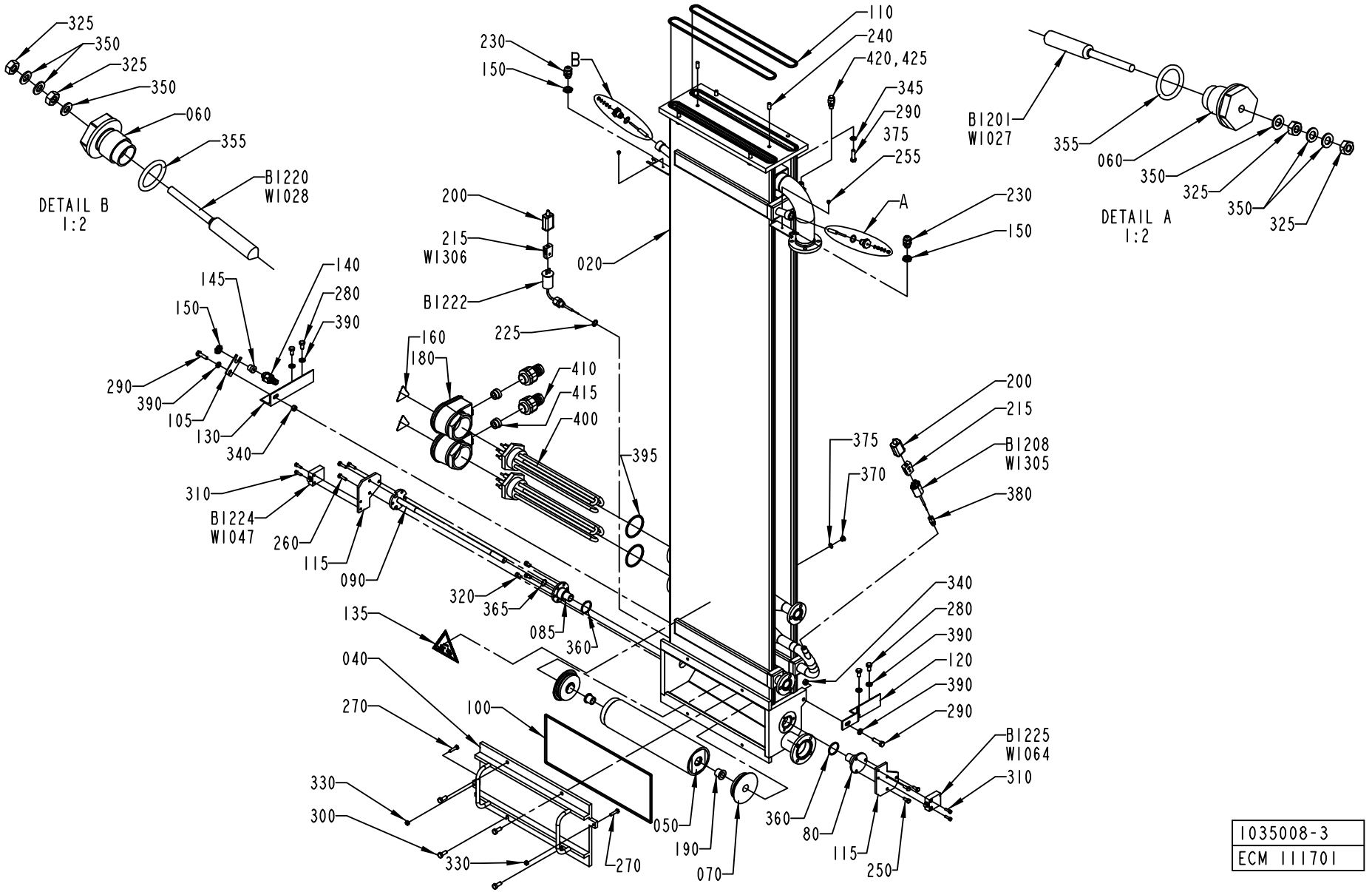
030
040
1334515-4
ECM 122739

ECM: 123528 - 20030330
Group number: 1334515-0200
Assembly Drawing: 1334515-4_1_AD

This list covers pages from 172 to 175

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 172)						
120	1347936-0000	-		1	PIPE	
130	1347943-0000	-		1	PIPE	
300	342737-0204	-		1	CONN. ELBOW W-6 LRFR	
Common Parts						
010	1282889-0000	-		1	PIPE	
020	1334510-0000	-		1	PIPE	
030	1038688-0000	-		1	HOLDER	
040	1255551-0000	-		1	SEAL CLOTH	
050	1334514-0000	-		1	PIPE	
060	1347681-0000	-		1	PIPE	
100	1334511-0000	-		1	PIPE	
110	1334512-0000	-		1	PIPE	
140	315229-0103	A		1	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
150	315229-0105	A		3	GASKETS, 48,5X55,5X3,7 MM 2" FDA	
160	315125-0153	-		6	WASHER TBRSB 6,4X22X4 A4	
170	312105-0368	-		6	SCREW M6S M6X16 A280	
180	315229-0101	A		1	GASKETS, 10,4X17,4X3,7 MM 1/2" FDA	
190	90030-0075	-		1	PIPE CONNECTION G-6	
200	312105-0453	-		15	SCREW M6S ISO 4017 M8X25 A480	
210	312605-0318	-		21	HEXAGON NUT, M6M M8 A280	
220	312105-0451	-		11	SCREW M6S ISO 4017 M8X20 A480	
230	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
240	312605-0316	-		3	HEXAGON NUT, M6M M6 A280	
250	927421-0003	A		1	O-RING 13.3X2.4 SILICON	
260	312105-0366	-		2	SCREW M6S M6X12 A280	
290	312105-0455	-		6	SCREW M6S ISO 4017 M8X30 A480	
310	1512337-0000	-		1	PIPE	
320	1512335-0000	-		1	PIPE	
330	1512336-0000	-		1	PIPE	

Pos	Part No	SP	UN	Qty	Description	Page No

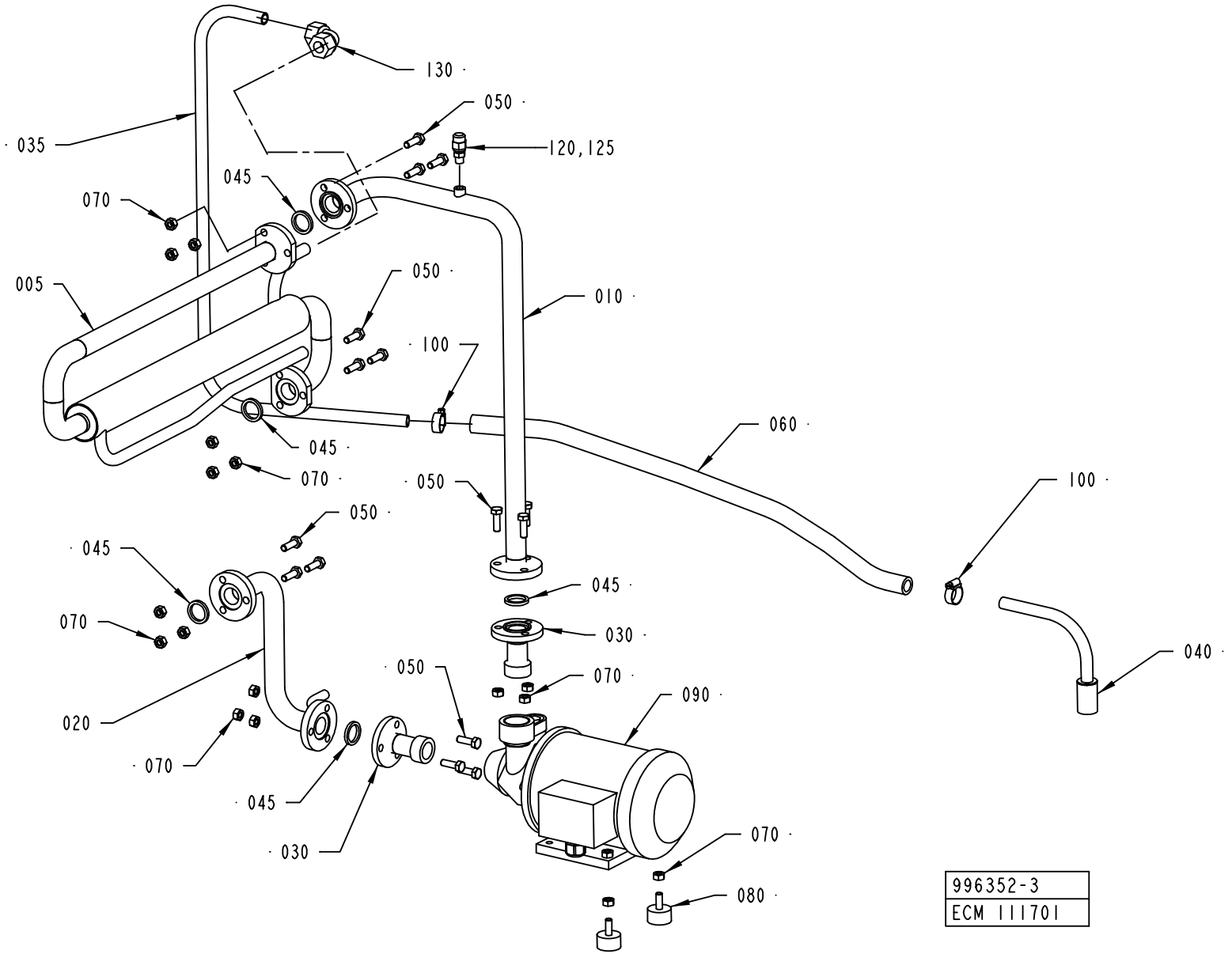


1035008-3
ECM 111701

ECM: 116601 - 20021216
Group number: 1035008-0400
Assembly Drawing: 1035008-3_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1346571-0000	-		1	BATH	
040	1346558-0000	-		1	COVER	
050	541177-0000	A		1	BENDING ROLLER	
060	1484428-0000	-		2	PLASTIC PLUG	
070	1036553-0000	A		2	WHEEL	
080	1038857-0000	A		1	FLANGE	
085	1038858-0000	-		1	FLANGE	
090	1255839-0000	A		1	SHAFT	
100	1347671-0000	A		1	GASKET	
105	1040970-0000	-		1	BRACKET	
110	1346557-0000	A		2	GASKET	
115	1195460-0000	-		2	BRACKET	
120	1038860-0000	-		1	BRACKET	
130	1038861-0000	-		1	BRACKET	
135	359705-0004	-		1	WARNING SIGN ISO, DANGEROUS CHEMICALS	
140	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
145	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
150	90099-0104	-		3	NUT, PR 15,2 (PG9)	
160	359705-0015	-		2	WARNING SIGN ISO, RISK OF ELECTRIC SHOCK	
180	90206-0326	-		2	JUNCTION BOX FOR 90206-56	
190	90240-0146	A		2	FLANGE BUSHING,15X21X20 MM	
200	90326-0012	-		2	PROTECTIVE COVER, T31A4618	
215	90326-0020	-		2	PLUG, FEMALE YELLOW CR-AL	
225	315237-0110	A		1	WASHER,PL.RND.AL.13,5/18,H=1,5	
230	352103-0101	-		2	CABLE GLAND, ST 9, PR15,2/PG9	
240	311103-0401	-		2	PARALLEL PIN ISO 2338 8M6X20 A1	
250	312105-0368	-		3	SCREW M6S M6X16 A280	
255	312132-0284	-		2	SCREW SLOT. PAN HEAD MSCS M4X5	
260	312105-0371	-		3	SCREW M6S ISO 4017 M6X22 A480	
270	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
280	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
290	312105-0455	-		6	SCREW M6S ISO 4017 M8X30 A480	
300	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	
310	312115-0329	-		4	SCREW ISO4762 M5X16 A4	
320	312115-0366	-		3	SCREW ISO4762 M6X12 A4	
325	312605-0312	-		4	HEXAGON NUT, M6M M4 A280	
330	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
340	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
345	315105-0165	-		4	WASHER BRB8,4X16RFR	
350	315105-0136	-		6	WASHER BRB4,3XRFR	
355	927421-0004	A		2	O-RING 15.3X2.4 SILICON	
360	90242-0265	A		2	O-RING 32,2X3 MM	
365	90242-0264	A		1	O-RING 16,1X1,6 MM	
370	342713-0209	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-180	
375	315234-0109	-		1	WASHER,PL.RND.CU.10,3/13,5 H=1,0	
380	90326-0306	-		1	GLAND FITTING 9041-45-KS-KR.1/8" D=4,5MM	
390	315115-0165	-		6	WASHER PLAIN, TBRB 8,4/16 H=3	
395	90269-0308	A		2	GASKET 59X68X3 MM	
400	90157-0034	-			SEALING COMPOUND LOCTITE 572 50 ML	
410	353243-0007	-		2	EXTENDED WITHOUT INSERT, PG21	
415	353249-0013	-		2	INSERT, SINGEL HOLE, EK 154/13	
420	90459-1736	-		1	PURGE VALVE, 2RM-PG4L-SS	
425	90144-0007	-	M		TAPE	
B1201	567070-0011	A		1	ELECTRODE	
B1208	90326-0038	A		1	THERMOCOUPLE, CR-AL	
B1220	567070-0011	A		1	ELECTRODE	
B1222	90326-0053	A		1	THERMOCOUPLE, 12826-35	
B1224	90044-0084	A		1	LIMIT SW. 14 CE1-4	
B1225	90044-0084	A		1	LIMIT SW. 14 CE1-4	
R1206	90206-0070	A		1	HEATING ELEMENT 6000W 380/220V	
	90269-0308	-		*1*	*GASKET 59X68X3 MM*	
	90206-0326	-		*1*	*JUNCTION BOX FOR 90206-56*	
R1207	90206-0070	A		1	HEATING ELEMENT 6000W 380/220V	
	90269-0308	-		*1*	*GASKET 59X68X3 MM*	
	90206-0326	-		*1*	*JUNCTION BOX FOR 90206-56*	

Machine Type | Group Description | Used-In | Group Number | Page No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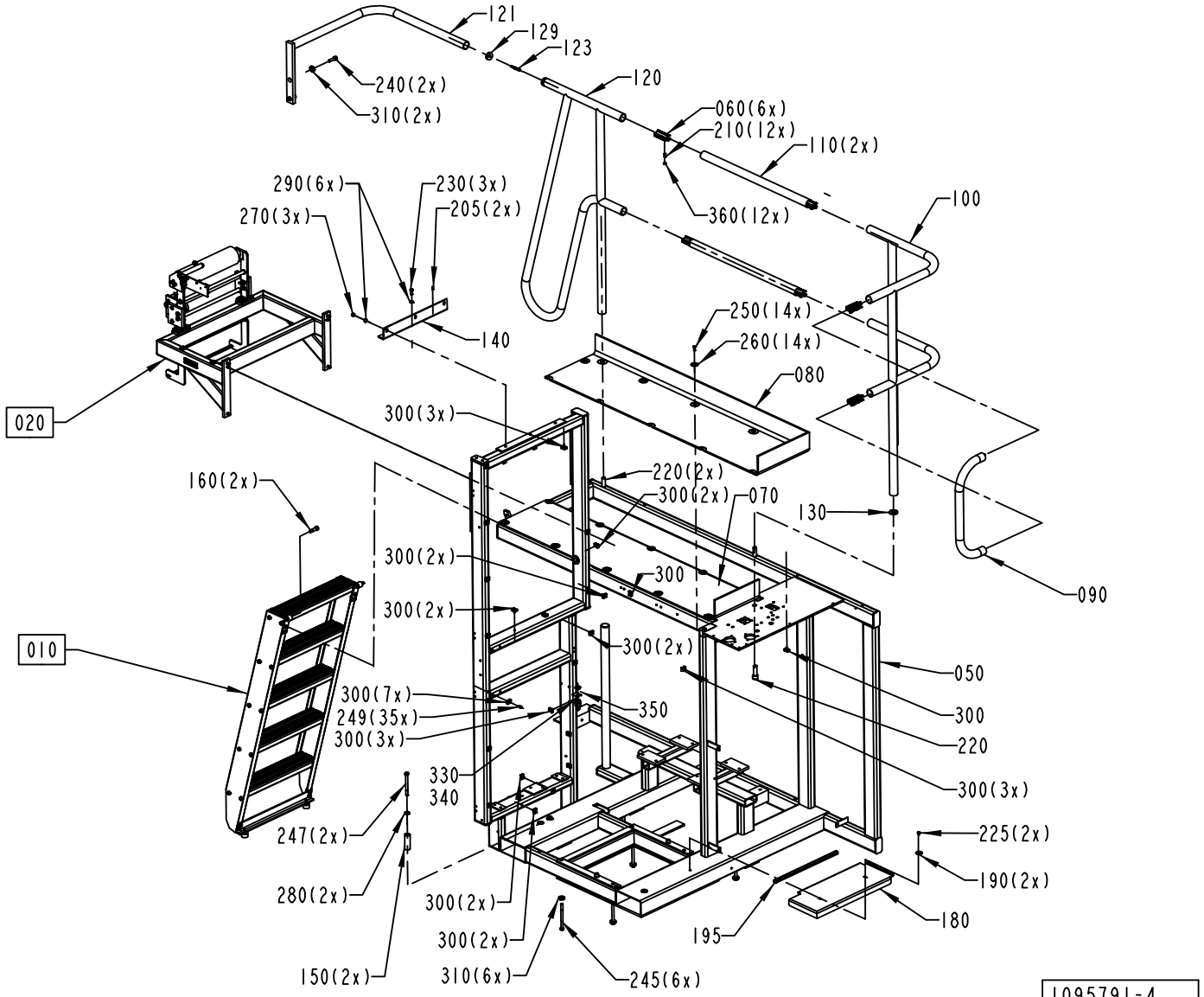
996352-3
ECM 111701

ECM: 118438 - 20021216
Group number: 996352-0300
Assembly Drawing: 996352-3_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
50HZ						
090	90321-0100	A		1	PUMP PBK 16/A 220/380V 50 HZ 3 PH.	
	90321-0569	*-*		*1*	*O-RING*	
	90321-0568	*-*		*1*	*SEAL*	
	90321-0567	*-*		*1*	*IMPELLER*	
60HZ						
090	90321-0127	A		1	CENTRIFUGAL PUMP LOWARA	
	90459-0044	*A*		*1*	*IMPELLER WHEEL, 260720310 FOR 90321-0127*	
	90321-0569	*A*		*1*	*O-RING*	
	90321-0568	*A*		*1*	*SEAL*	
Common Parts						
005	1282902-0000	A		1	HEAT EXCHANGER	
010	1103391-0000	-		1	PIPE	
020	1037313-0000	-		1	PIPE	
030	1037314-0000	-		2	PIPE CONNECTION	
035	1103394-0000	-		1	PIPE	
035	1350705-0000	-		1	PIPE	
040	1535061-0000	-		1	PIPE	
045	315229-0103	A		5	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
050	312105-0453	-		15	SCREW M6S ISO 4017 M8X25 A480	
060	90166-0087	A	MM	750	HOSE 15/23 REINF.PVC TRANSP.	
070	312605-0318	-		19	HEXAGON NUT, M6M M8 A280	
080	90347-0004	B		2	VIBRATION DAMPER D=30 TH=M8 H=17 H2=21MM	
100	342991-0103	-		2	HOSE CLIP,WORM DRIVE TYPE (19)-23	
120	90459-1736	-		1	PURGE VALVE, 2RM-PG4L-SS	
125	90144-0007	-	M		TAPE	
130	342737-0221	-		1	CONN. ELBOW W-15 LRFR	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

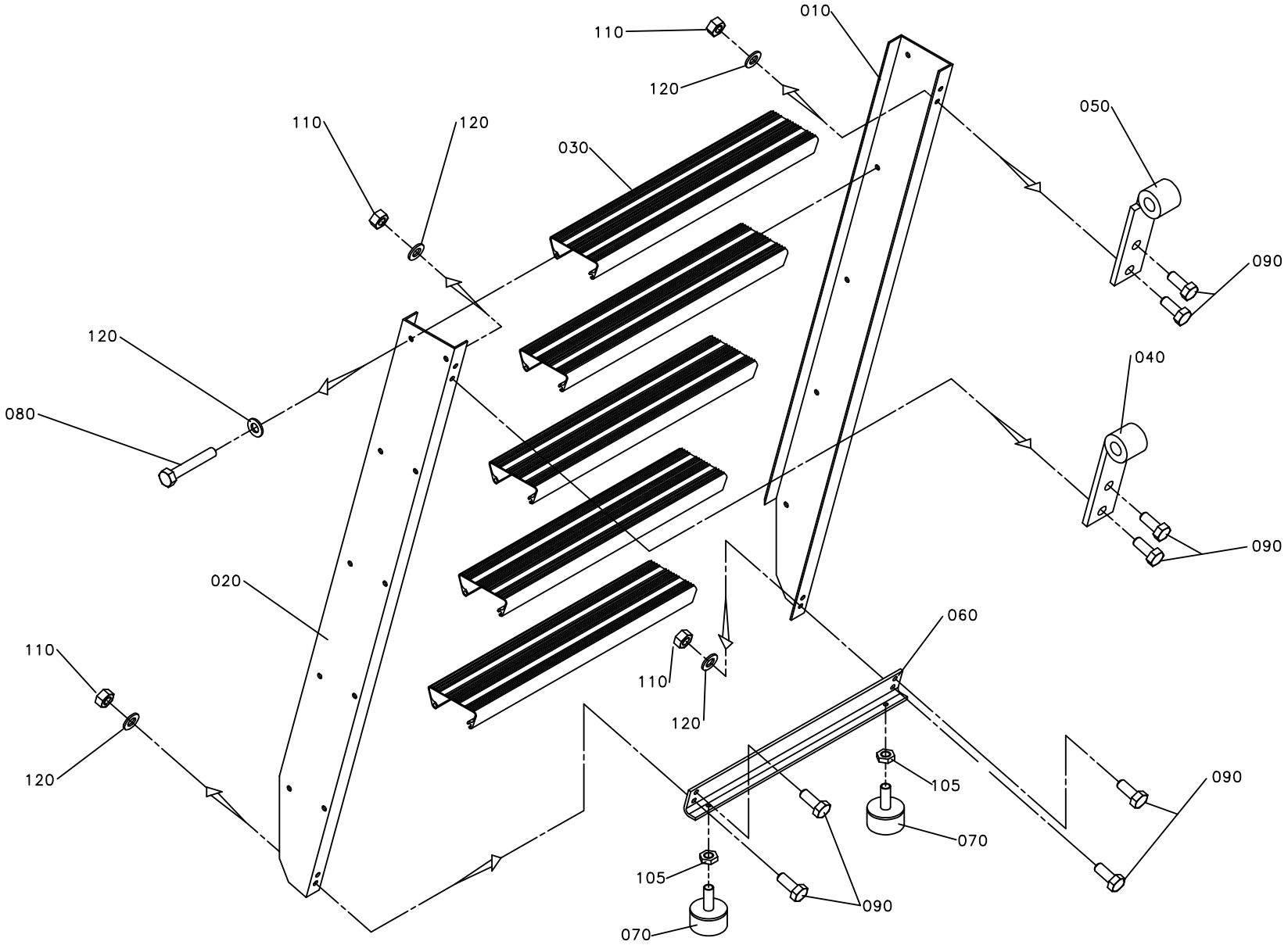


1095791-4
ECM 111701

ECM: 115111 - 20021216
Group number: 1095791-0400
Assembly Drawing: 1095791-4_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095862-0100	-		1	LADDER	**183**
020	1487743-0100	-		1	BENDING ROLLER BRACKET	**185**
050	1484412-0000	-		1	FRAME SECTION,UPPER	
060	1035654-0000	-		6	CONNECTION	
	1035653-0000	*-*		*1*	*PROFILE*	
070	1038837-0000	-		1	CHECKER PLATE	
080	1038838-0000	-		1	CHECKER PLATE	
090	1037014-0000	-		1	RAILING	
100	1010822-0000	-		1	RAILING	
	1140619-0000	*-*		*2*	*PLUG*	
110	1037044-0000	-		2	RAILING	
120	1129741-0000	-		1	RAILING	
121	1129742-0000	-		1	RAILING	
123	751485-0000	-		1	SCREW	
129	578640-0000	-		1	CLAMPING RING	
130	1037054-0000	-		1	WASHER	
140	1038850-0000	-		1	ANGLE BRACKET	
150	1040856-0000	-		2	SPACER	
160	312180-0534	-		2	SCREW ISO7379 H12X25	
180	1254106-0000	-		1	COVER PLATE	
190	1129638-0000	-		2	WASHER	
195	1129641-0000	-		1	SILICON RUBBER PROFILE	
205	311103-0350	-		2	PARALLEL PIN ISO 2338 6M6X14 A1	
210	312318-0449	-		12	SCREW ISO4029 M8X16 A4	
220	312115-0630	-		3	SCREW ISO4762 M16X50 A4	
225	312105-0362	-		2	SCREW M6S ISO 4017 M6X8 A480	
230	312105-0451	-		3	SCREW M6S ISO 4017 M8X20 A480	
240	312115-0497	-		2	SCREW ISO4762 M10X35 A4	
245	312105-0517	-		6	SCREW M6S ISO 4014 M10X130 A480	
247	312105-0513	-		2	SCREW M6S ISO 4014 M10X110 A480	
249	312125-0364	-		35	SCREW SLOT.PAN HD. MCS 6X10 A480	
250	312155-0370	-		14	SCREW EN 10642 MF6S M6X20 A480	
260	1036241-0000	-		14	WASHER	
270	312605-0318	-		3	HEXAGON NUT, M6M M8 A280	
280	315115-0173	-		2	WASHER PLAIN, TBRB 10,5/22 H=4	
290	315115-0165	-		6	WASHER PLAIN, TBRB 8,4/16 H=3	
300	352113-0204	-		35	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
310	315125-0173	-		8	WASHER TBRSB 10,5X28X6 A4	
330	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
340	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
350	90099-0104	-		1	NUT, PR 15,2 (PG9)	
360	90261-0068	-		12	PLUG, BLIND, PLASTIC, NO. 55-10100-1	

Machine Type | Group Description | Used-In | Group Number | Page No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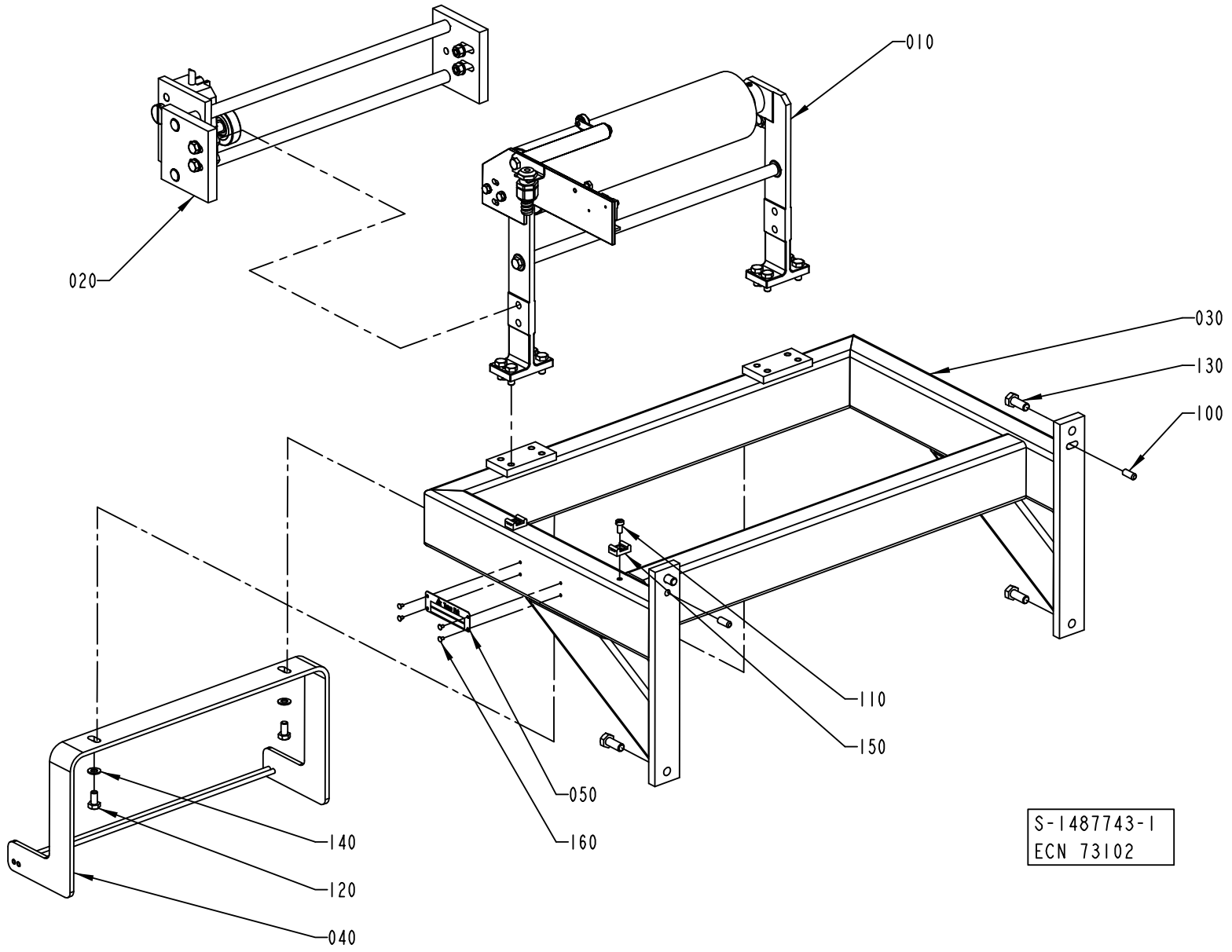
ECM: 71741 - 19980902
Group number: 1095862-0100
Assembly Drawing: 1095862-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036939-0000	-		1	SIDE PIECE	
020	1036940-0000	-		1	SIDE PIECE	
030	1129643-0000	-		5	STAIR	
040	1036963-0000	-		1	HOOK HOLDER	
050	1036965-0000	-		1	HOOK HOLDER	
060	1129644-0000	-		2	BRACKET	
070	90347-0004	-		2	VIBRATION DAMPER D=30 TH=M8 H=17 H2=21MM	
080	312104-0461	-		20	SCREW M6S M8X50H FZB	
090	312105-0451	-		8	SCREW M6S ISO 4017 M8X20 A480	
105	312625-0318	-		2	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
110	312605-0318	-		8	HEXAGON NUT, M6M M8 A280	
120	315101-0165	-		28	WASHER PLAIN, BRB, 8,4/16 H=1,5	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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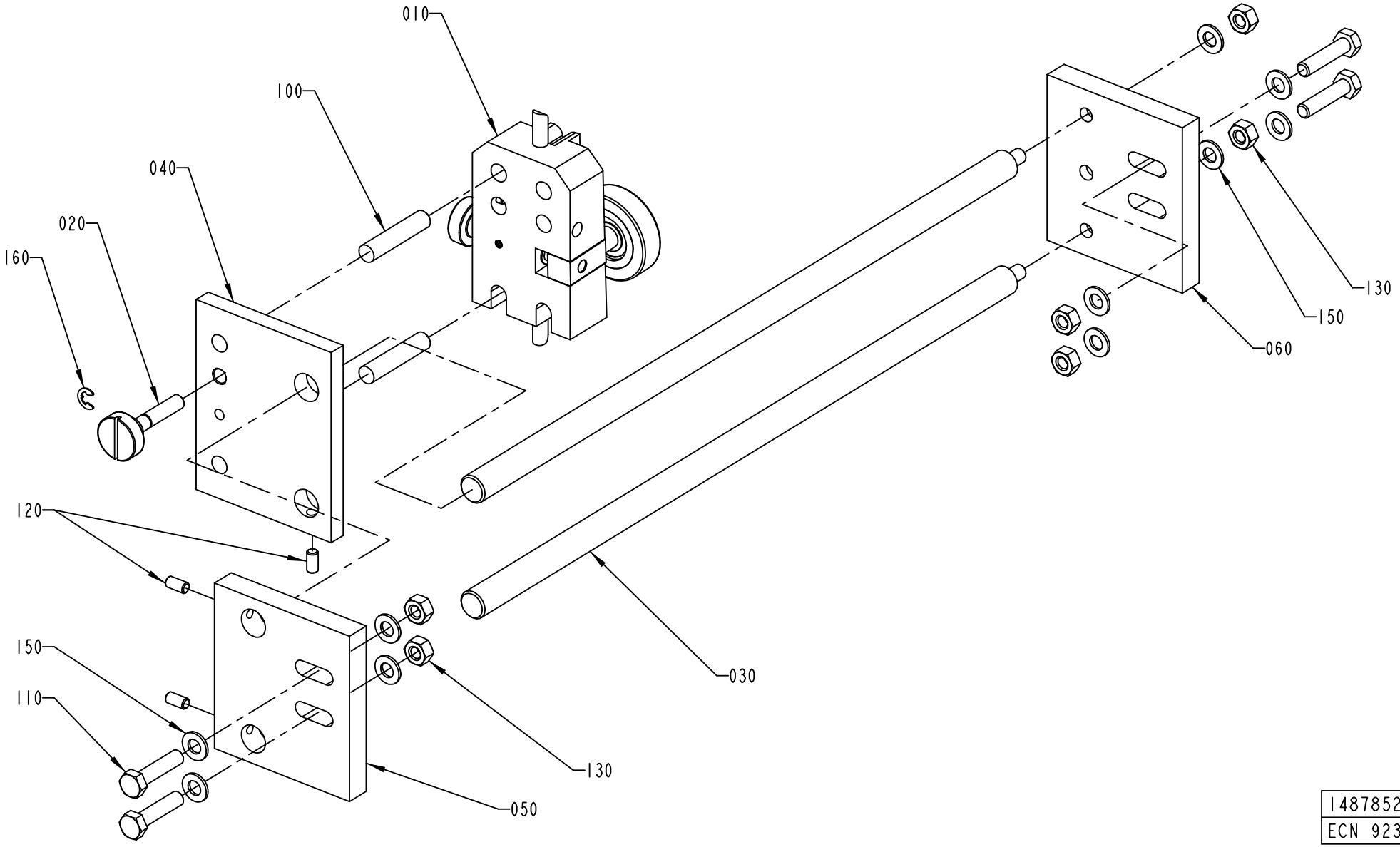
S-1487743-1
ECN 73102

ECM: 73102 - 20000224
Group number: 1487743-0100
Assembly Drawing: 1487743-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT						
020	1487852-0100	-		1	PAPER GUIDE	**187**
PT21						
020	1498276-0100	-		1	TAB FOLDING AND PAPER GUIDE	**191, 193**
Common Parts						
010	1487748-0100	-		1	BENDING ROLLER	**203**
030	1487601-0000	-		1	FRAME	
040	1487760-0000	-		1	PAPER GUIDE	
050	979548-0000	-		1	MACHINE PLATE	
100	311103-0401	-		2	PARALLEL PIN ISO 2338 8M6X20 A1	
110	312125-0366	-		2	SCREW PAN HEAD MCS M6X12 SS	
120	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
130	312105-0493	-		4	SCREW M6S ISO 4017 M10X25 A480	
140	315105-0165	-		2	WASHER BRB8,4X16RFR	
150	352113-0204	-		2	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
160	311521-0143	-		4	BLANK RIVET 3,2X8	

Pos	Part No	SP	UN	Qty	Description	Page No

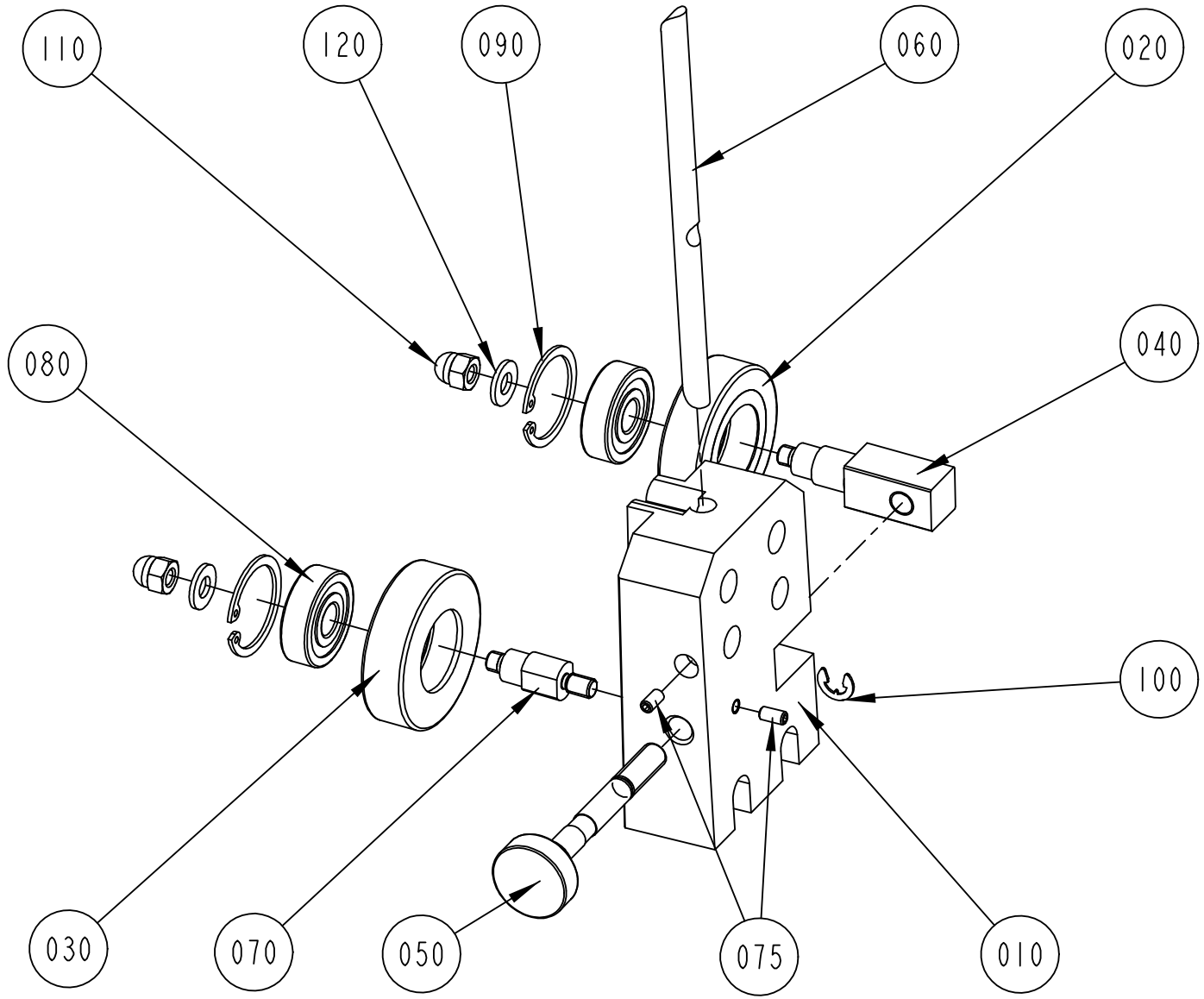


1487852-1
ECN 92369

ECM: 92586 - 20010917
Group number: 1487852-0100
Assembly Drawing: 1487852-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1334620-0100	-		1	PAPER GUIDE	**189**
020	1317713-0000	A		1	SHAFT	
030	1478043-0000	-		2	AXLE PIN	
040	1478045-0000	-		1	BRACKET	
050	1487924-0000	-		1	PLATE	
060	1487925-0000	-		1	PLATE	
100	311103-0466	-		2	PARALLEL PIN ISO 2338 10M6X50 A1	
110	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
120	312318-0366	-		3	SCREW ISO4029 M6X12 A4	
130	312605-0318	-		6	HEXAGON NUT, M6M M8 A280	
150	315105-0165	-		10	WASHER BRB8,4X16RFR	
160	315755-0108	-		1	LOCKING WASHER 6	

Pos	Part No	SP	UN	Qty	Description	Page No

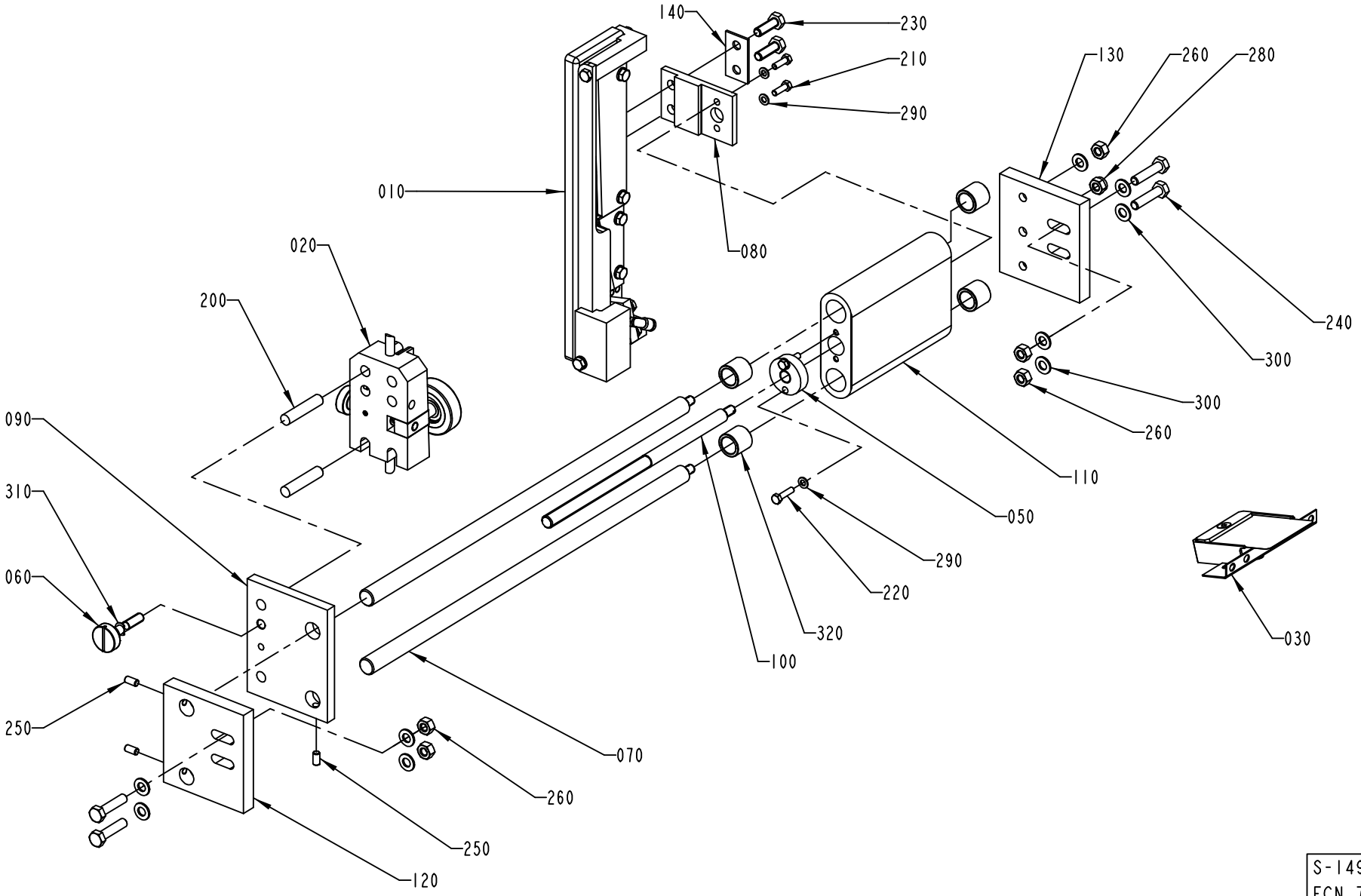


S-1334620-I
ECN 72145

ECM: 84975 - 20001108
Group number: 1334620-0100
Assembly Drawing: 1334620-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1317716-0000	-		1	BRACKET	
020	1036623-0000	A		1	GUIDE ROLLER	
030	1036622-0000	A		1	GUIDE ROLLER	
040	1317711-0000	A		1	SHAFT	
050	1317712-0000	-		1	SHAFT	
060	1317714-0000	-		1	STEERING	
070	583727-0000	A		1	SHAFT	
075	312318-0287	-		2	SCREW ISO4029 M4X8 A4	
080	321313-0100	A		2	BALL BEARING, 10X30X9 MM	
090	315753-0122	-		2	RETAIN. RING, 30	
100	315755-0108	-		1	LOCKING WASHER 6	
110	312705-0316	-		2	NUT HEX. DOMED CAP MHM-6 M6 A280	
120	315105-0156	-		2	WASHER BRB 6.7X14 RFR	

Pos	Part No	SP	UN	Qty	Description	Page No



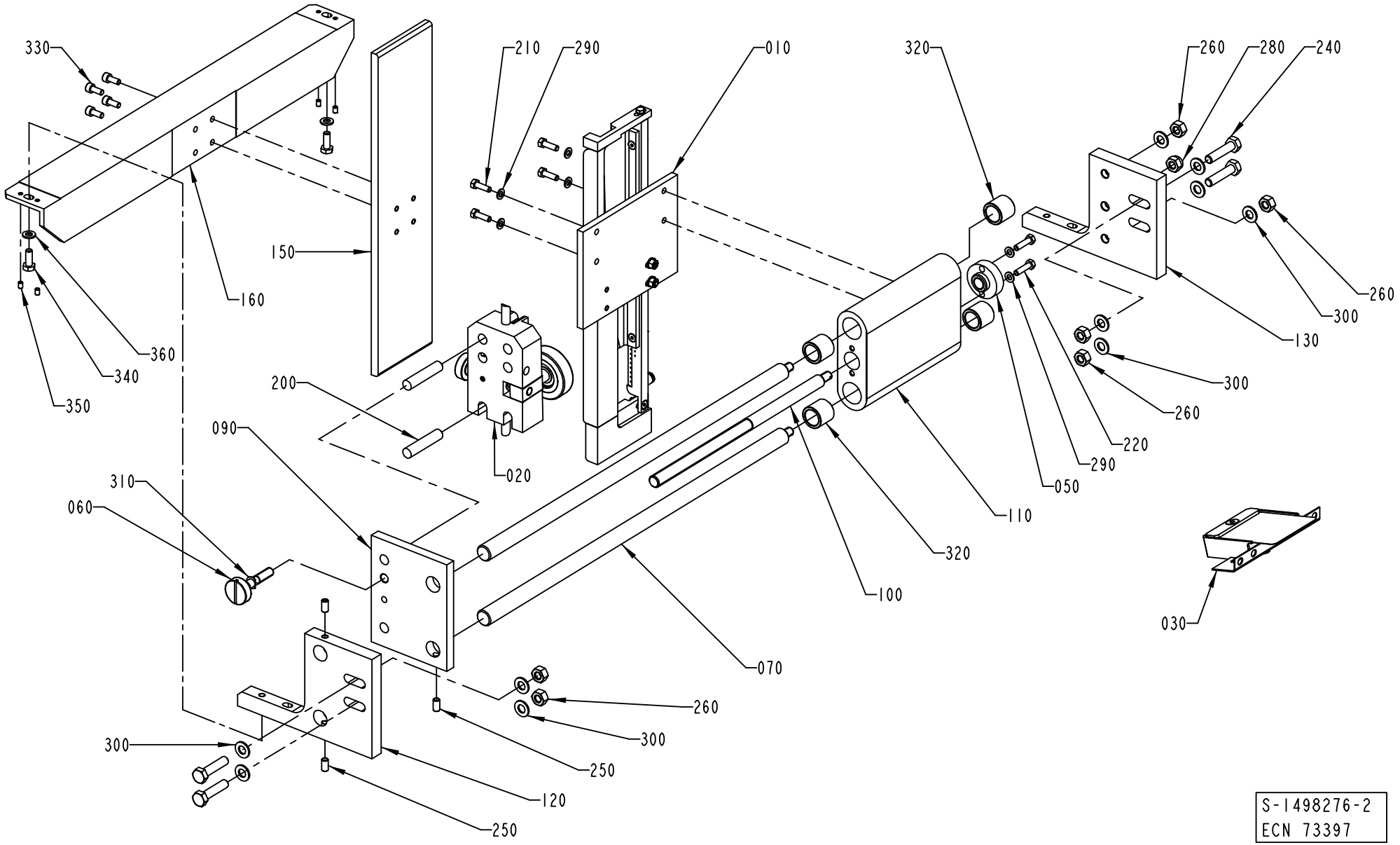
S-1498276-1
ECN 73397

ECM: 120806 - 20030728
Group number: 1498276-0100
Assembly Drawing: 1498276-1_1_AB

This list covers pages from 190 to 193

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0250B HOLE21 (See drawing on page: 192)						
010	2557558-0100	-		1	TAB FOLDER	**195**
TBA 0500S HOLE55, TBA 1000S HOLE45, TBA 1000S HOLE85, TBA 1000B HOLE85, TBA 1000B HOLE45, TBA 1500S HOLE45, TBA 1500S HOLE85 (See drawing on page: 190)						
010	1498391-0100	-		1	TAB FOLDER	**197**
020	1334620-0100	-		1	PAPER GUIDE	**189**
030	530600-0200	-		1	GUIDING PULLTAB TBA/8	**199**
050	1145139-0000	B		1	NUT	
060	1317713-0000	A		1	SHAFT	
070	1478043-0000	B		2	AXLE PIN	
080	1478044-0000	-		1	BRACKET	
090	1478045-0000	-		1	BRACKET	
100	1478601-0000	B		1	AXLE PIN	
110	1478602-0000	-		1	HOUSING	
120	1487924-0000	-		1	PLATE	
130	1487925-0000	-		1	PLATE	
140	907983-0000	-		1	PLATE	
200	311103-0466	-		2	PARALLEL PIN ISO 2338 10M6X50 A1	
210	312105-0329	-		2	SCREW M6S ISO 4017 M5X16 A480	
220	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A480	
230	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
240	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
250	312318-0366	-		3	SCREW ISO4029 M6X12 A4	
260	312605-0318	-		6	HEXAGON NUT, M6M M8 A280	
280	312812-0318	-		1	HEXAGON NUT, NY-LOCK M8 A480	
290	315105-0146	-		4	BRICKA BRB5,3X10RFR	
300	315105-0165	-		10	WASHER BRB8,4X16RFR	
310	315755-0108	-		1	LOCKING WASHER 6	
320	321105-0204	A		4	BEAR. BUSH. WITHOUT FL, 16X22X20 MM	
TBA 1000SQ HOLE85, TPA 1000S HOLE60, TPA 1000SQ HOLE60 (See drawing on page: 192)						
010	1498107-0100	-		1	TAB FOLDER	**201**
020	1334620-0100	-		1	PAPER GUIDE	**189**
030	530600-0200	-		1	GUIDING PULLTAB TBA/8	**199**
050	1145139-0000	B		1	NUT	
060	1317713-0000	A		1	SHAFT	
070	1478043-0000	B		2	AXLE PIN	
090	1478045-0000	-		1	BRACKET	
100	1478601-0000	B		1	AXLE PIN	
110	1478602-0000	-		1	HOUSING	
120	1499599-0000	-		1	PLATE	
130	1498531-0000	-		1	PLATE	
150	1484884-0000	-		1	PLATE	
160	1478046-0000	-		1	SUPPORT	
200	311103-0466	-		2	PARALLEL PIN ISO 2338 10M6X50 A1	
210	312105-0329	-		4	SCREW M6S ISO 4017 M5X16 A480	
220	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A480	
240	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
250	312318-0366	-		3	SCREW ISO4029 M6X12 A4	
260	312605-0318	-		6	HEXAGON NUT, M6M M8 A280	
280	312812-0318	-		1	HEXAGON NUT, NY-LOCK M8 A480	
290	315105-0146	-		6	BRICKA BRB5,3X10RFR	
300	315105-0165	-		10	WASHER BRB8,4X16RFR	
310	315755-0108	-		1	LOCKING WASHER 6	
320	321105-0204	A		4	BEAR. BUSH. WITHOUT FL, 16X22X20 MM	
330	312115-0327	-		4	SCREW ISO4762 M5X12 A4	
340	312105-0368	-		2	SCREW M6S M6X16 A280	
350	312318-0285	-		4	SCREW ISO4029 M4X6 A4	
360	315105-0153	-		2	WASHER BRB6,4X12RFR	

Machine Type | Group Description | Used-In | Group Number | Page No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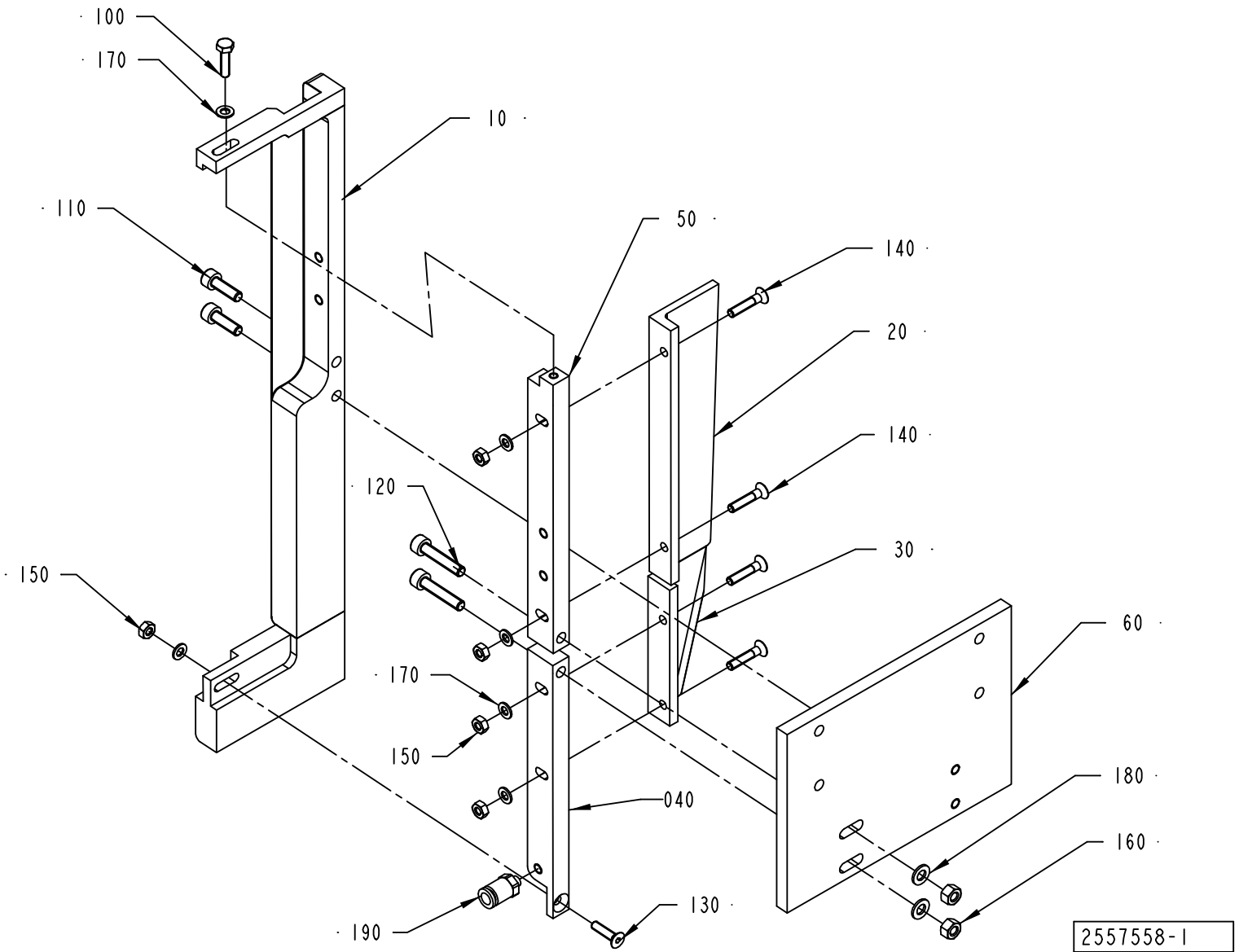
S-1498276-2
ECN 73397

ECM: 120806 - 20030728
Group number: 1498276-0100
Assembly Drawing: 1498276-2_1_AA

This list covers pages from 190 to 193

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0250B HOLE21 (See drawing on page: 192)						
010	2557558-0100	-		1	TAB FOLDER	**195**
TBA 0500S HOLE55, TBA 1000S HOLE45, TBA 1000S HOLE85, TBA 1000B HOLE85, TBA 1000B HOLE45, TBA 1500S HOLE45, TBA 1500S HOLE85 (See drawing on page: 190)						
010	1498391-0100	-		1	TAB FOLDER	**197**
020	1334620-0100	-		1	PAPER GUIDE	**189**
030	530600-0200	-		1	GUIDING PULLTAB TBA/8	**199**
050	1145139-0000	B		1	NUT	
060	1317713-0000	A		1	SHAFT	
070	1478043-0000	B		2	AXLE PIN	
080	1478044-0000	-		1	BRACKET	
090	1478045-0000	-		1	BRACKET	
100	1478601-0000	B		1	AXLE PIN	
110	1478602-0000	-		1	HOUSING	
120	1487924-0000	-		1	PLATE	
130	1487925-0000	-		1	PLATE	
140	907983-0000	-		1	PLATE	
200	311103-0466	-		2	PARALLEL PIN ISO 2338 10M6X50 A1	
210	312105-0329	-		2	SCREW M6S ISO 4017 M5X16 A480	
220	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A480	
230	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
240	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
250	312318-0366	-		3	SCREW ISO4029 M6X12 A4	
260	312605-0318	-		6	HEXAGON NUT, M6M M8 A280	
280	312812-0318	-		1	HEXAGON NUT, NY-LOCK M8 A480	
290	315105-0146	-		4	BRICKA BRB5,3X10RFR	
300	315105-0165	-		10	WASHER BRB8,4X16RFR	
310	315755-0108	-		1	LOCKING WASHER 6	
320	321105-0204	A		4	BEAR. BUSH. WITHOUT FL, 16X22X20 MM	
TBA 1000SQ HOLE85, TPA 1000S HOLE60, TPA 1000SQ HOLE60 (See drawing on page: 192)						
010	1498107-0100	-		1	TAB FOLDER	**201**
020	1334620-0100	-		1	PAPER GUIDE	**189**
030	530600-0200	-		1	GUIDING PULLTAB TBA/8	**199**
050	1145139-0000	B		1	NUT	
060	1317713-0000	A		1	SHAFT	
070	1478043-0000	B		2	AXLE PIN	
090	1478045-0000	-		1	BRACKET	
100	1478601-0000	B		1	AXLE PIN	
110	1478602-0000	-		1	HOUSING	
120	1499599-0000	-		1	PLATE	
130	1498531-0000	-		1	PLATE	
150	1484884-0000	-		1	PLATE	
160	1478046-0000	-		1	SUPPORT	
200	311103-0466	-		2	PARALLEL PIN ISO 2338 10M6X50 A1	
210	312105-0329	-		4	SCREW M6S ISO 4017 M5X16 A480	
220	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A480	
240	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
250	312318-0366	-		3	SCREW ISO4029 M6X12 A4	
260	312605-0318	-		6	HEXAGON NUT, M6M M8 A280	
280	312812-0318	-		1	HEXAGON NUT, NY-LOCK M8 A480	
290	315105-0146	-		6	BRICKA BRB5,3X10RFR	
300	315105-0165	-		10	WASHER BRB8,4X16RFR	
310	315755-0108	-		1	LOCKING WASHER 6	
320	321105-0204	A		4	BEAR. BUSH. WITHOUT FL, 16X22X20 MM	
330	312115-0327	-		4	SCREW ISO4762 M5X12 A4	
340	312105-0368	-		2	SCREW M6S M6X16 A280	
350	312318-0285	-		4	SCREW ISO4029 M4X6 A4	
360	315105-0153	-		2	WASHER BRB6,4X12RFR	

Machine Type | Group Description | Used-In | Group Number | Page No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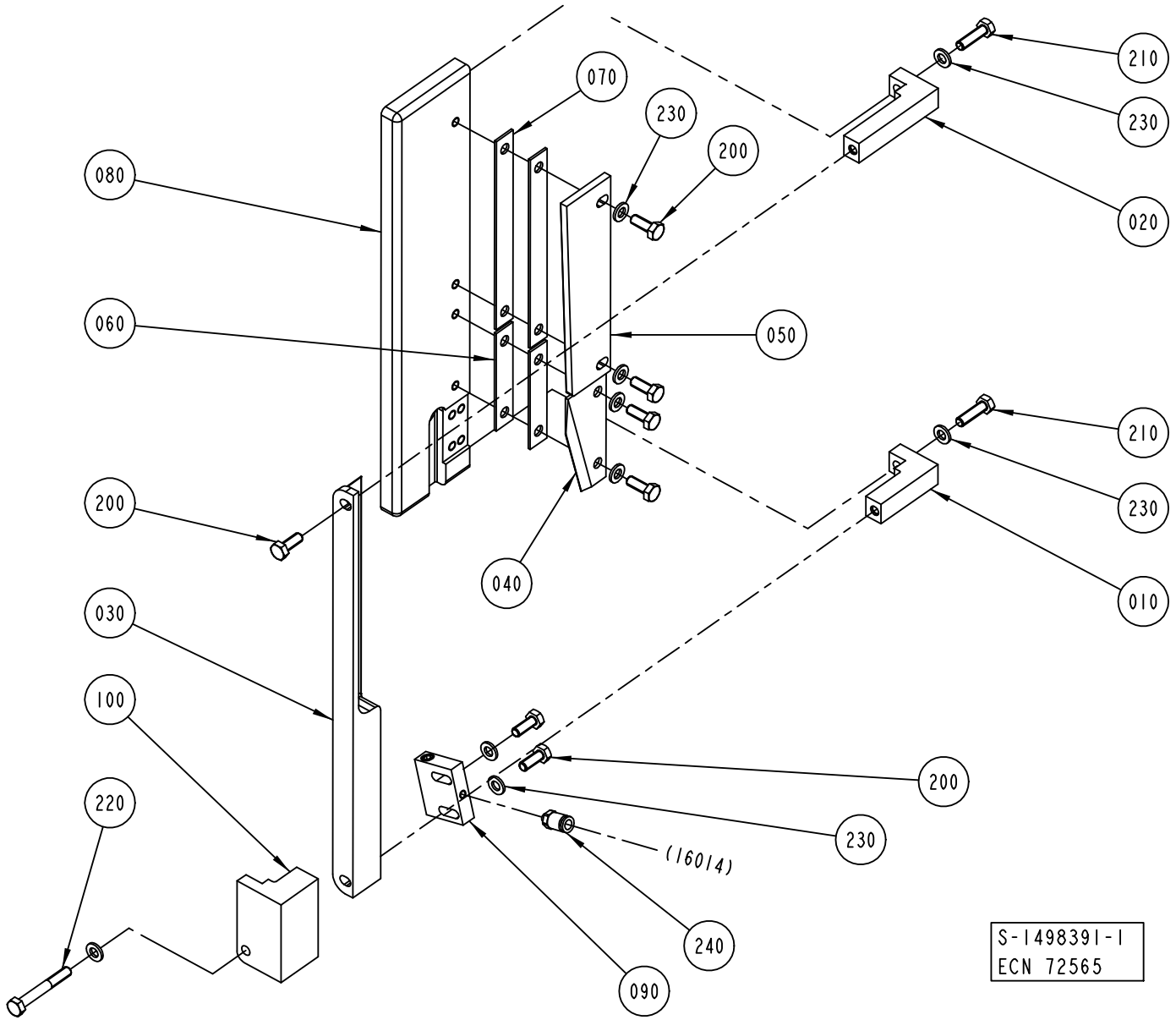
2557558-1
ECM 112661

ECM: 112663 - 20030728
Group number: 2557558-0100
Assembly Drawing: 2557558-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2557559-0000	-		1	RAIL	
020	2557560-0000	-		1	GUIDE	
030	2557561-0000	-		1	GUIDE	
040	2557562-0000	-		1	PLATE	
050	929824-0000	-		1	PLATE	
060	1478038-0000	-		1	SUPPORT	
100	312105-0293	-		1	SCREW M6S ISO 4017 M4X16 A480	
110	312115-0329	-		2	SCREW ISO4762 M5X16 A4	
120	312115-0333	-		2	SCREW ISO4762 M5X25 A4	
130	312155-0293	-		1	SCREW EN 10642 MF6S M4X16 A480	
140	312155-0295	-		4	SCREW EN 10642 MF6S M4X20 A480	
150	312605-0312	-		5	HEXAGON NUT, M6M M4 A280	
160	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
170	315105-0136	-		6	WASHER BRB4,3XRFR	
180	315105-0146	-		2	BRICKA BRB5,3X10RFR	
190	342722-0197	-		1	STRAIGHT COUPLING	

Pos	Part No	SP	UN	Qty	Description	Page No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S-1498391-1
ECN 72565

ECM: 111171 - 20020628
Group number: 1498391-0100
Assembly Drawing: 1498391-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
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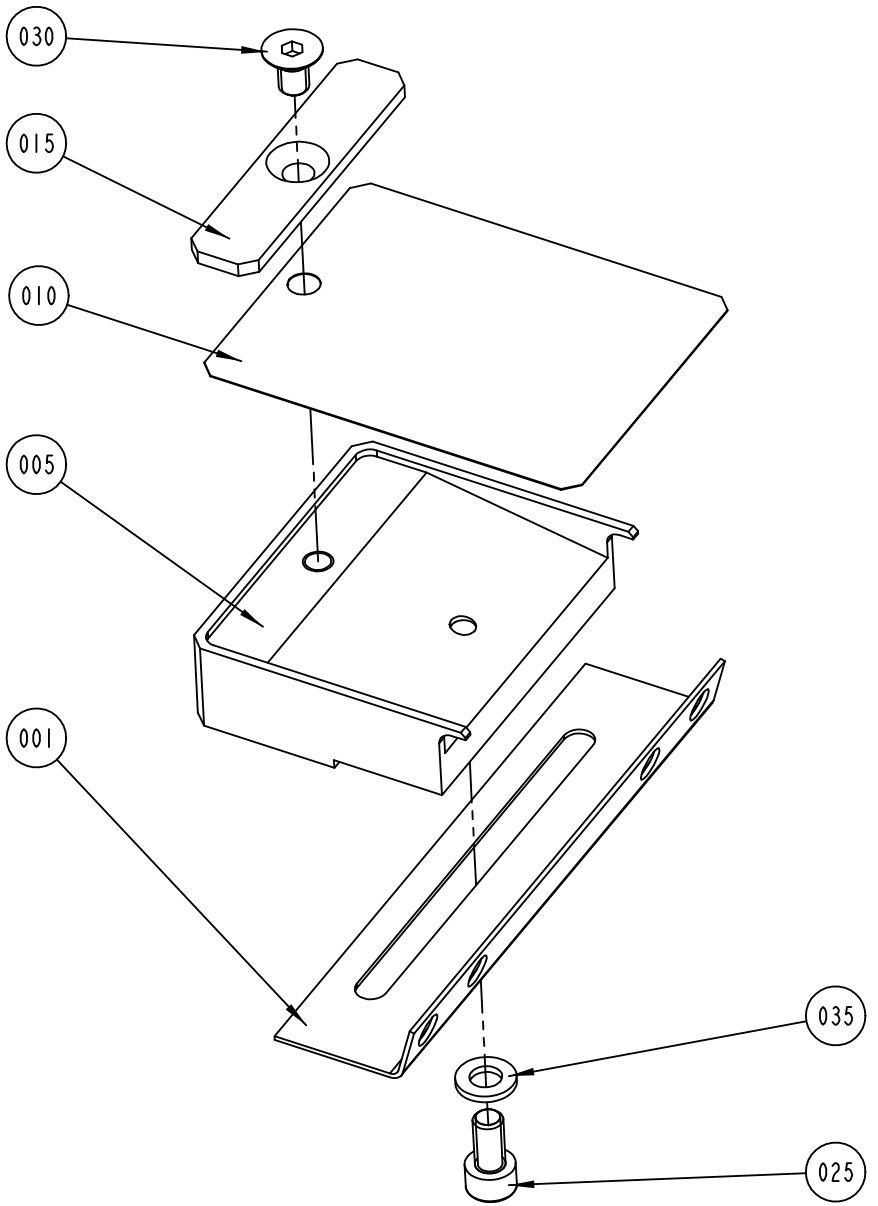
010	907938-0001	-		1	BRACKET	
020	907938-0002	-		1	BRACKET	
030	907940-0000	-		1	RAIL	
040	908170-0000	-		1	GUIDE PLATE	
050	908171-0000	-		1	GUIDE PLATE	
060	908174-0001	B		2	SHIM	
070	908174-0002	B		2	SHIM	
080	1143204-0000	-		1	PLATE	
090	1143205-0000	B		1	AIR NOZZLE	
100	1499208-0000	-		1	BRACKET	
200	312105-0368	-		7	SCREW M6S M6X16 A280	
210	312105-0371	-		2	SCREW M6S ISO 4017 M6X22 A480	
220	312105-0379	-		1	SCREW M6S ISO 4014 M6X45 A480	
230	315105-0153	-		9	WASHER BRB6,4X12RFR	
240	90457-0922	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=6MM M5	

Pos	Part No	SP	UN	Qty	Description	Page No



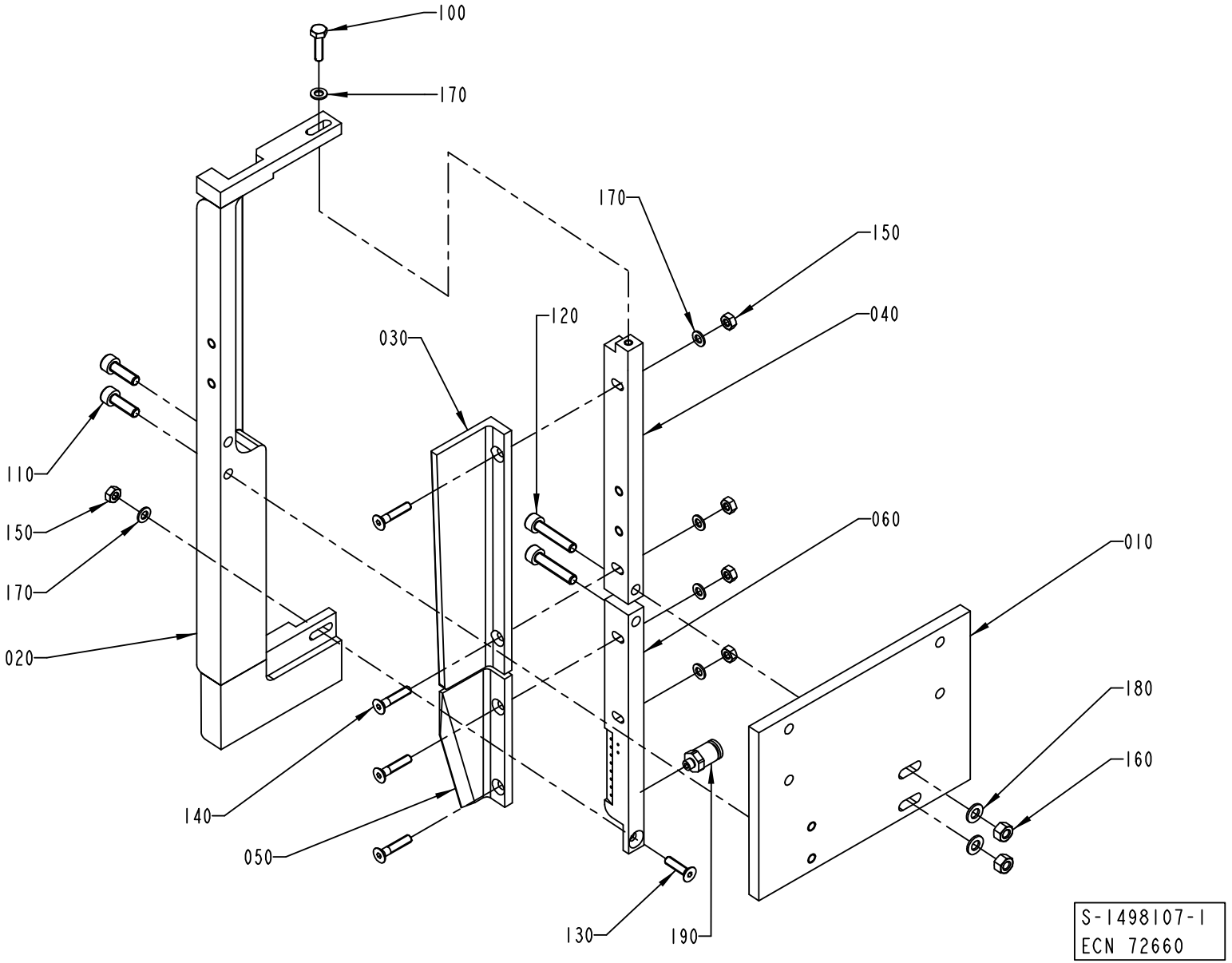
S-530600-2
ECN 72398

ECM: 72398 - 19990428
Group number: 530600-0200
Assembly Drawing: 530600-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
001	1347933-0000	-		1	ANGLE BRACKET	
005	529147-0000	-		1	SPRING BRACKET	
010	529148-0000	-		1	STEERING	
015	529149-0000	D		1	DOLLY WASHER	
025	312115-0366	-		1	SCREW ISO4762 M6X12 A4	
030	312155-0364	-		1	SCREW EN 10642 MF6S M6X10 A480	
035	315105-0153	-		1	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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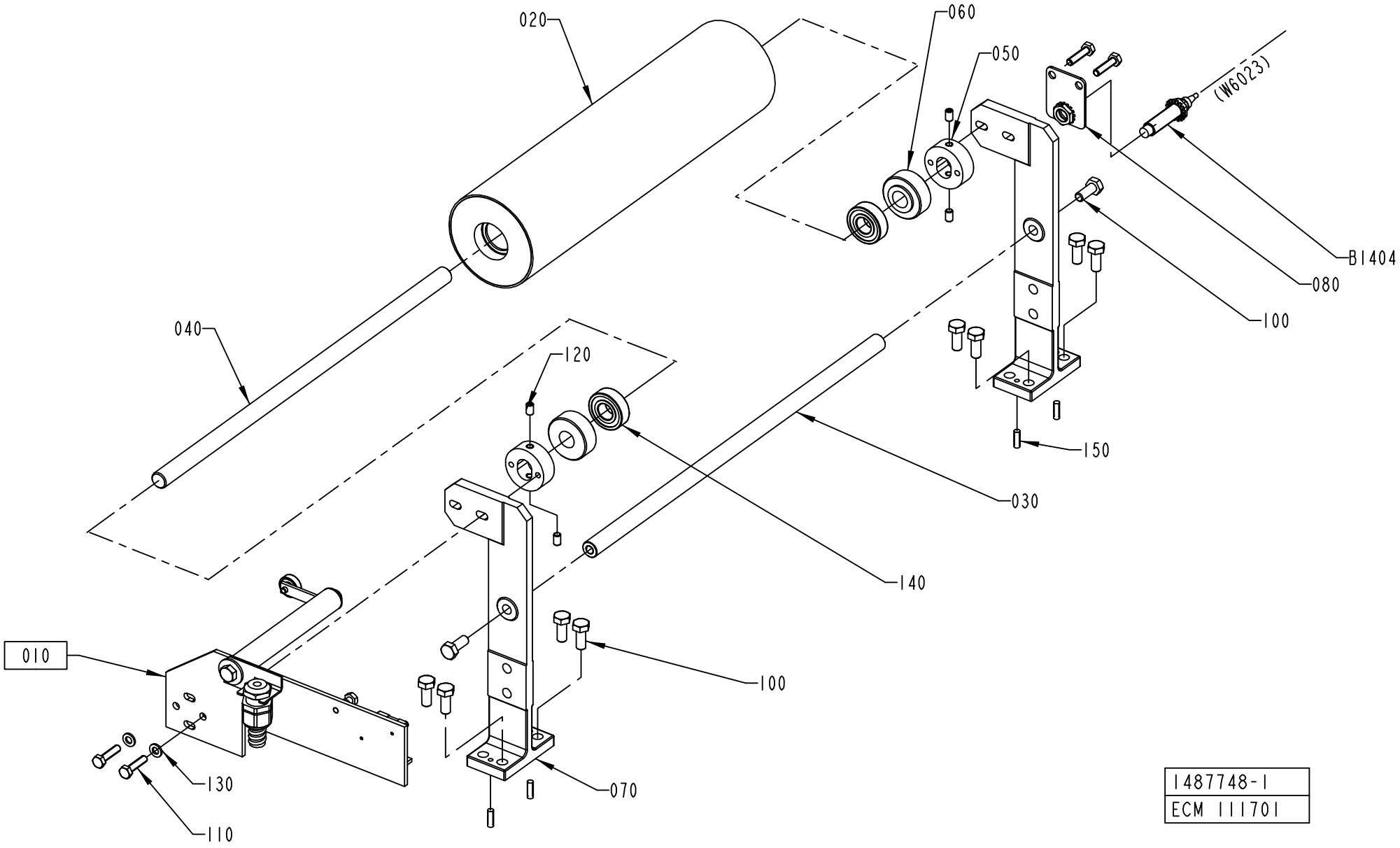
S-1498107-1
ECN 72660

ECM: 111172 - 20020628
Group number: 1498107-0100
Assembly Drawing: 1498107-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1478038-0000	-		1	SUPPORT	
020	929821-0000	-		1	PLATE	
030	929823-0000	-		1	PAPER GUIDE	
040	929824-0000	-		1	PLATE	
050	929825-0000	-		1	PAPER GUIDE	
060	929831-0000	-		1	PLATE	
100	312105-0293	-		1	SCREW M6S ISO 4017 M4X16 A480	
110	312115-0329	-		2	SCREW ISO4762 M5X16 A4	
120	312115-0333	-		2	SCREW ISO4762 M5X25 A4	
130	312155-0293	-		1	SCREW EN 10642 MF6S M4X16 A480	
140	312155-0295	-		4	SCREW EN 10642 MF6S M4X20 A480	
150	312605-0312	-		5	HEXAGON NUT, M6M M4 A280	
160	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
170	315105-0136	-		6	WASHER BRB4,3XRFR	
180	315105-0146	-		2	BRICKA BRB5,3X10RFR	
190	342722-0197	-		1	STRAIGHT COUPLING	

Pos	Part No	SP	UN	Qty	Description	Page No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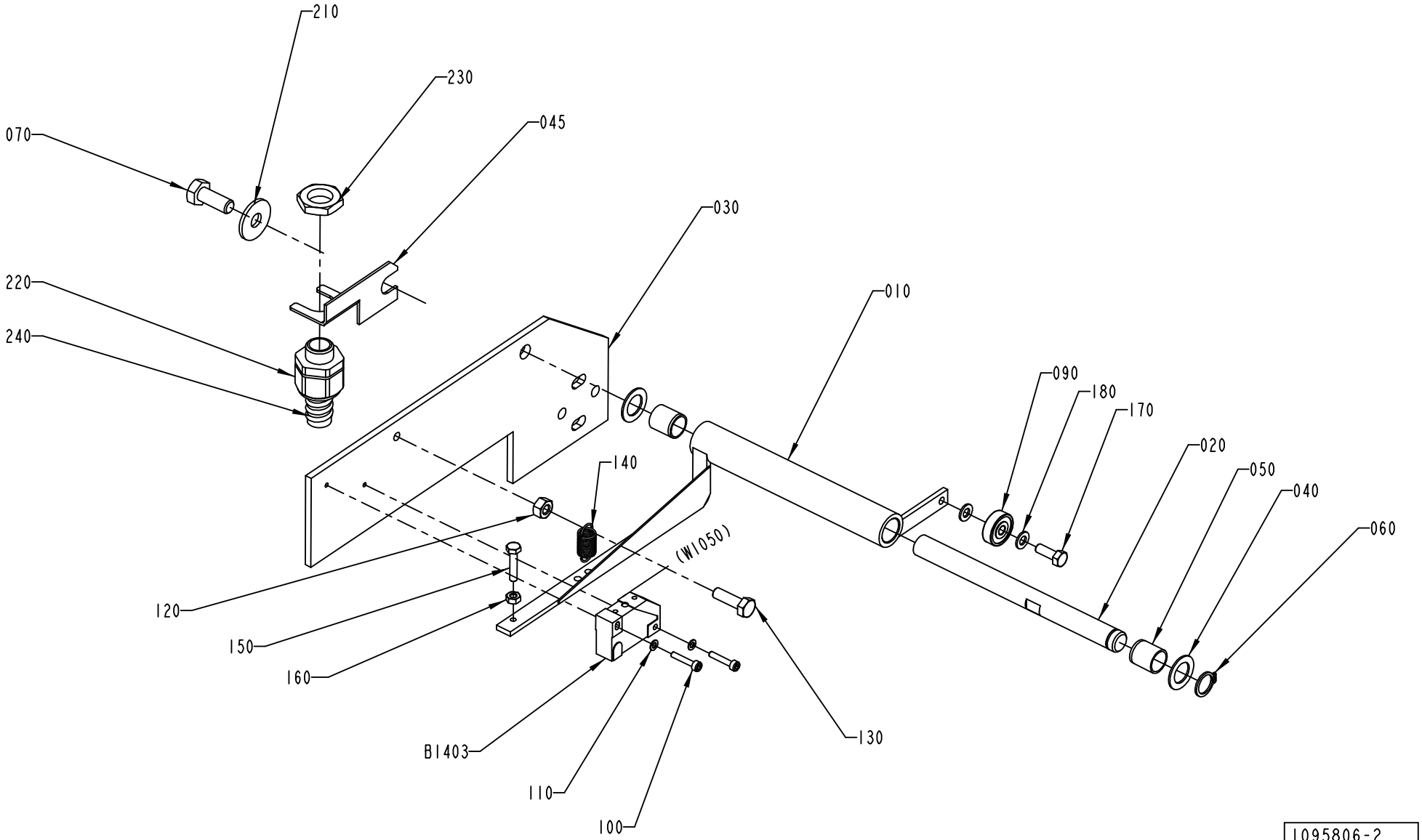
1487748-1
ECM 111701

ECM: 111757 - 20021216
Group number: 1487748-0100
Assembly Drawing: 1487748-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095806-0200	-		1	SPLICE DETECTOR	**205**
020	1490246-0000	-		1	ROLLER	
030	265569-0001	-		1	STRUT	
040	265566-0001	B		1	SHAFT	
050	265567-0000	-		2	BEARING UNIT	
060	927852-0000	-		2	SPACER	
070	546116-0000	-		2	CANTILEVER	
080	1490291-0000	-		1	PLATE	
100	312105-0451	-		10	SCREW M6S ISO 4017 M8X20 A480	
110	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
120	312318-0364	-		4	SCREW ISO4029 M6X10 A4	
130	315105-0153	-		2	WASHER BRB6,4X12RFR	
140	321313-0102	A		2	BALL BEARING, 15X35X11 MM	
150	311305-0308	-		4	SLOTTED PIRPC5X16FZB	
B1404	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	

Pos	Part No	SP	UN	Qty	Description	Page No

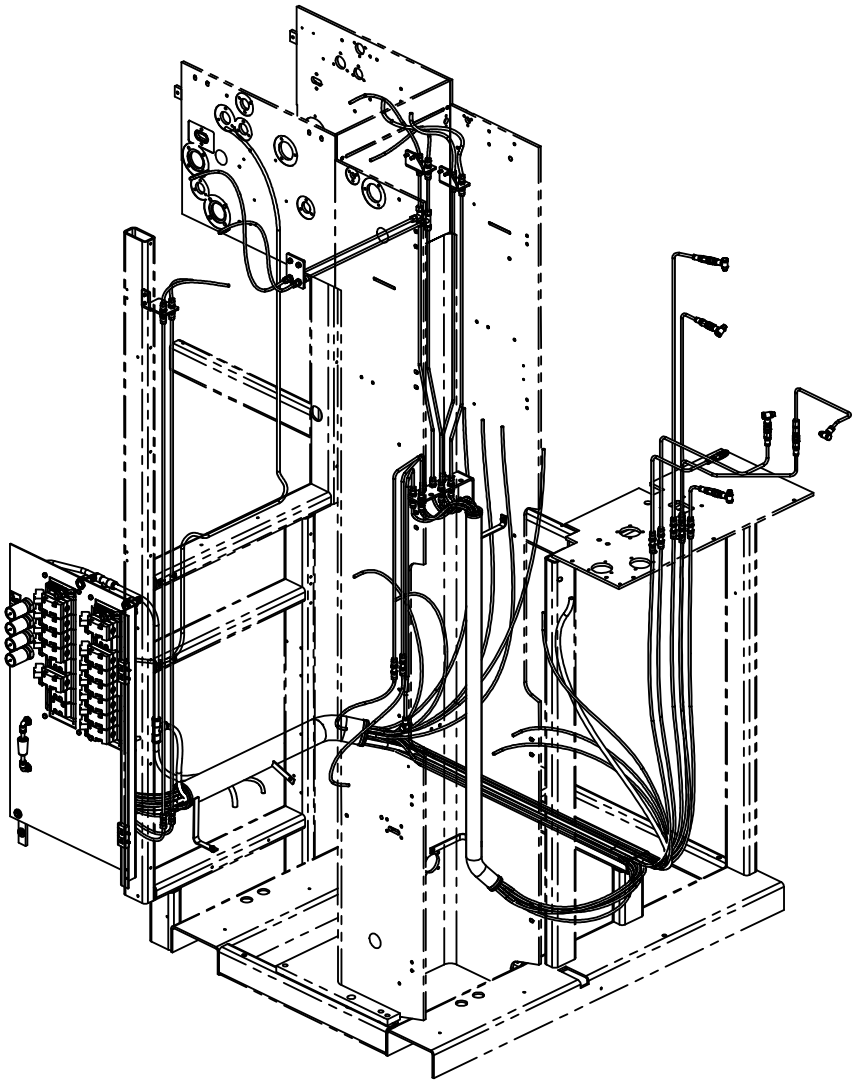


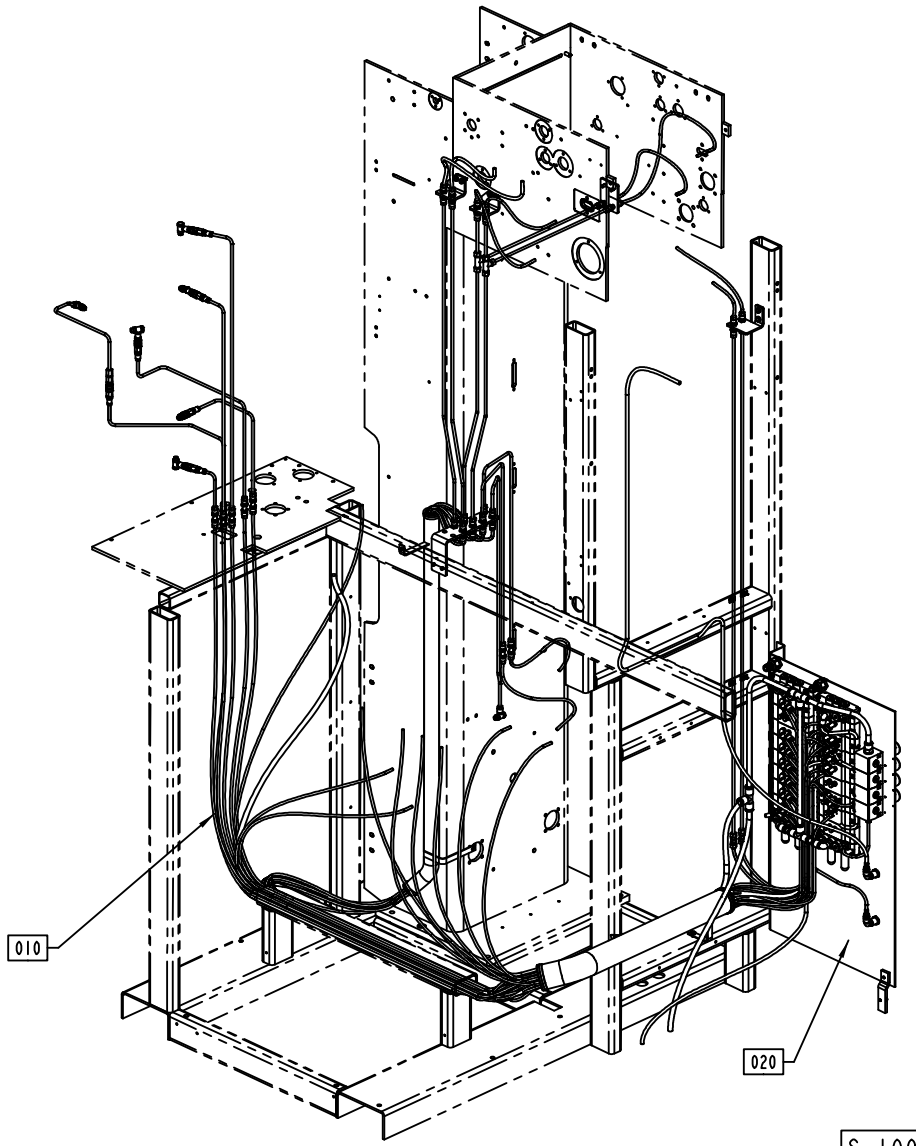
1095806-2
ECM 111701

ECM: 112243 - 20021216
Group number: 1095806-0200
Assembly Drawing: 1095806-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1035898-0000	-		1	BRACKET	
020	1035897-0000	-		1	SHAFT	
030	1038095-0000	-		1	HOLDER	
040	266737-0000	-		2	WASHER	
045	1036610-0000	-		1	BRACKET	
050	321120-0111	-		2	BEARING BUSHING W/O FLANGE,12/14X15	
060	315751-0109	-		1	RETAIN. RING, 12	
070	312105-0451	-		1	SCREW M6S ISO 4017 M8X20 A480	
090	90214-0138	A		1	BALL BEARING, 5X19X6 MM	
100	312115-0228	-		2	SCREW ISO4762 M3X16 A4	
110	315105-0124	-		2	BRICKA BRB3,2X6RFR	
120	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
130	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
140	90335-0089	A		1	TENSION SPRING 41490, 0,9X10X23	
150	312105-0295	-		1	SCREW M6S ISO4017 M4X20 A480	
160	312605-0312	-		1	HEXAGON NUT, M6M M4 A280	
170	312105-0328	-		1	SCREW M6S ISO 4017 M5X14 A480	
180	315105-0146	-		2	BRICKA BRB5,3X10RFR	
210	90005-0116	-		1	WASHER PLAIN ROUND 8,4(M8)/24, H=2	
220	353243-0001	-		1	EXTENDED WITHOUT INSERT, PG9	
230	90099-0104	-		1	NUT, PR 15,2 (PG9)	
240	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
B1403	90044-0104	A		1	PROX.SWITCH IFM IN 3002	

Pos	Part No	SP	UN	Qty	Description	Page No



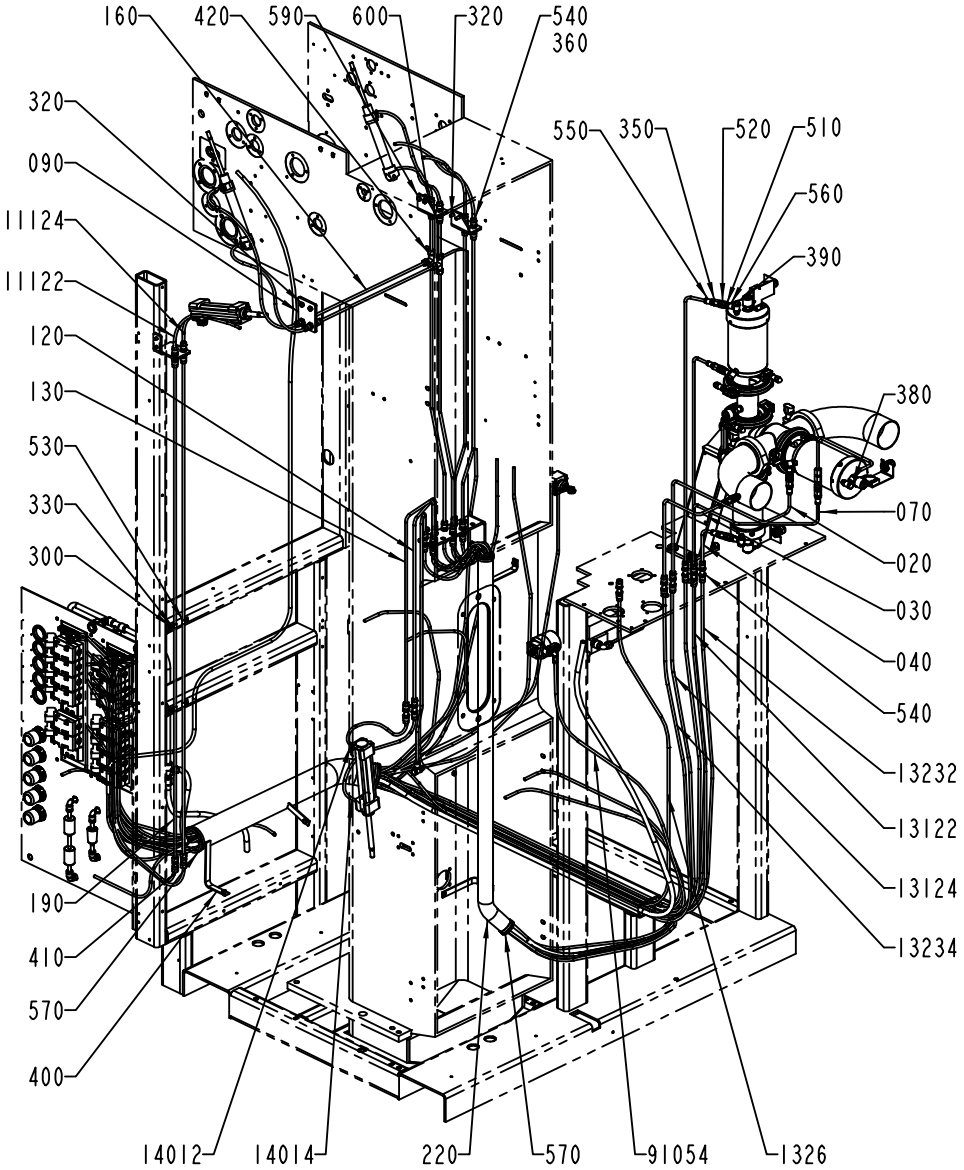


S-1095686-5
ECN 72527

ECM: 73186 - 20000308
Group number: 1095686-0300
Assembly Drawing: 1095686-5_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095826-0300	-		1	HOSE INSTALLATION PNEUM	**209, 211**
020	1095687-0400	-		1	VALVE PANEL SUPERSTRUCT.	**213**

Pos	Part No	SP	UN	Qty	Description	Page No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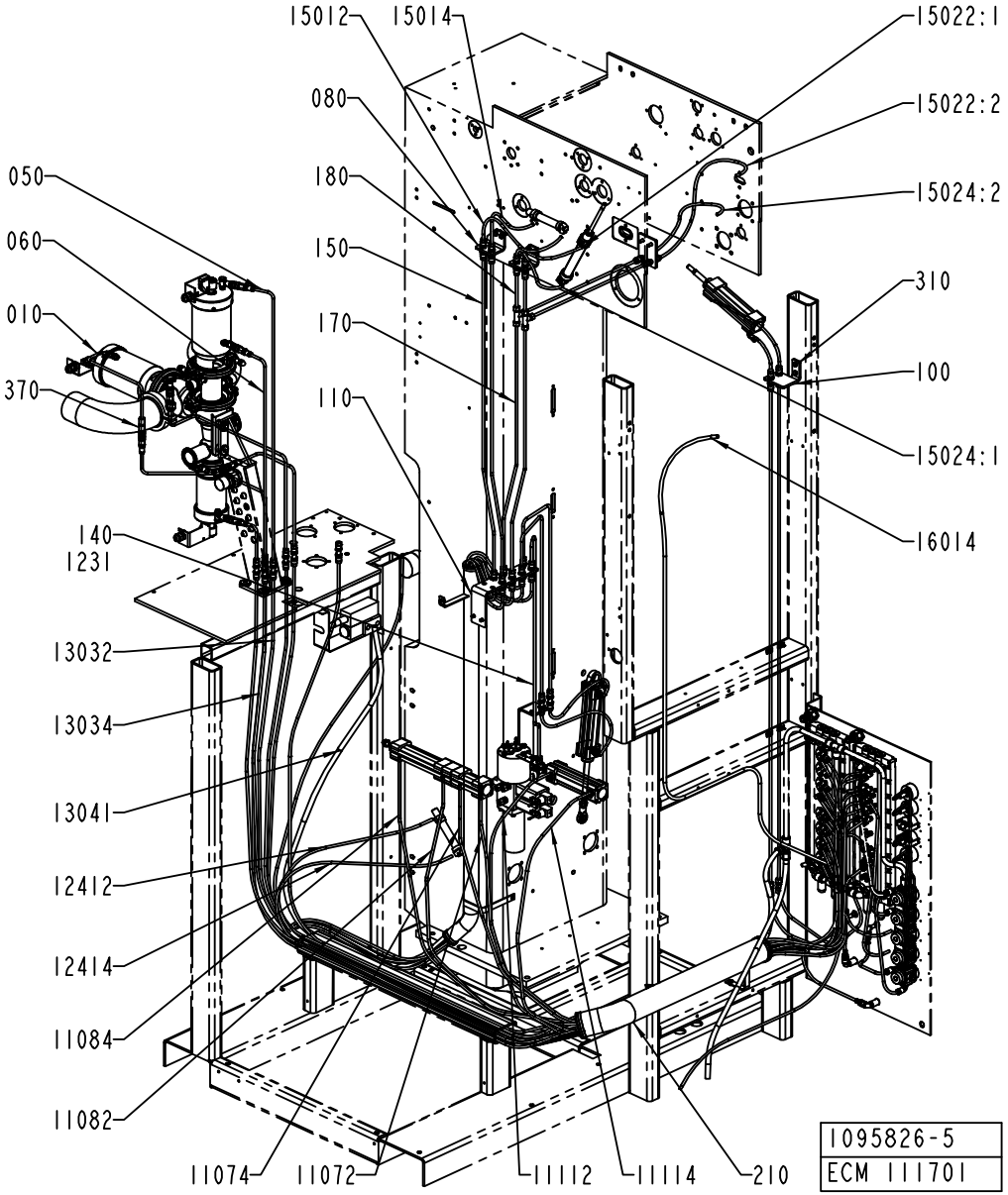
14012
14014
220
570
91054
1326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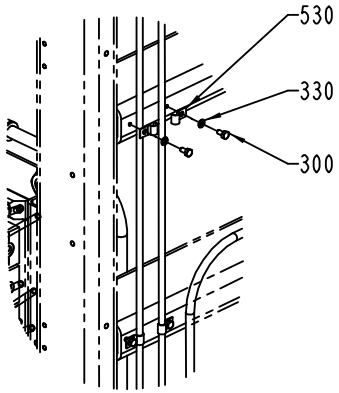
11114
210
1095826-5
ECM 111701

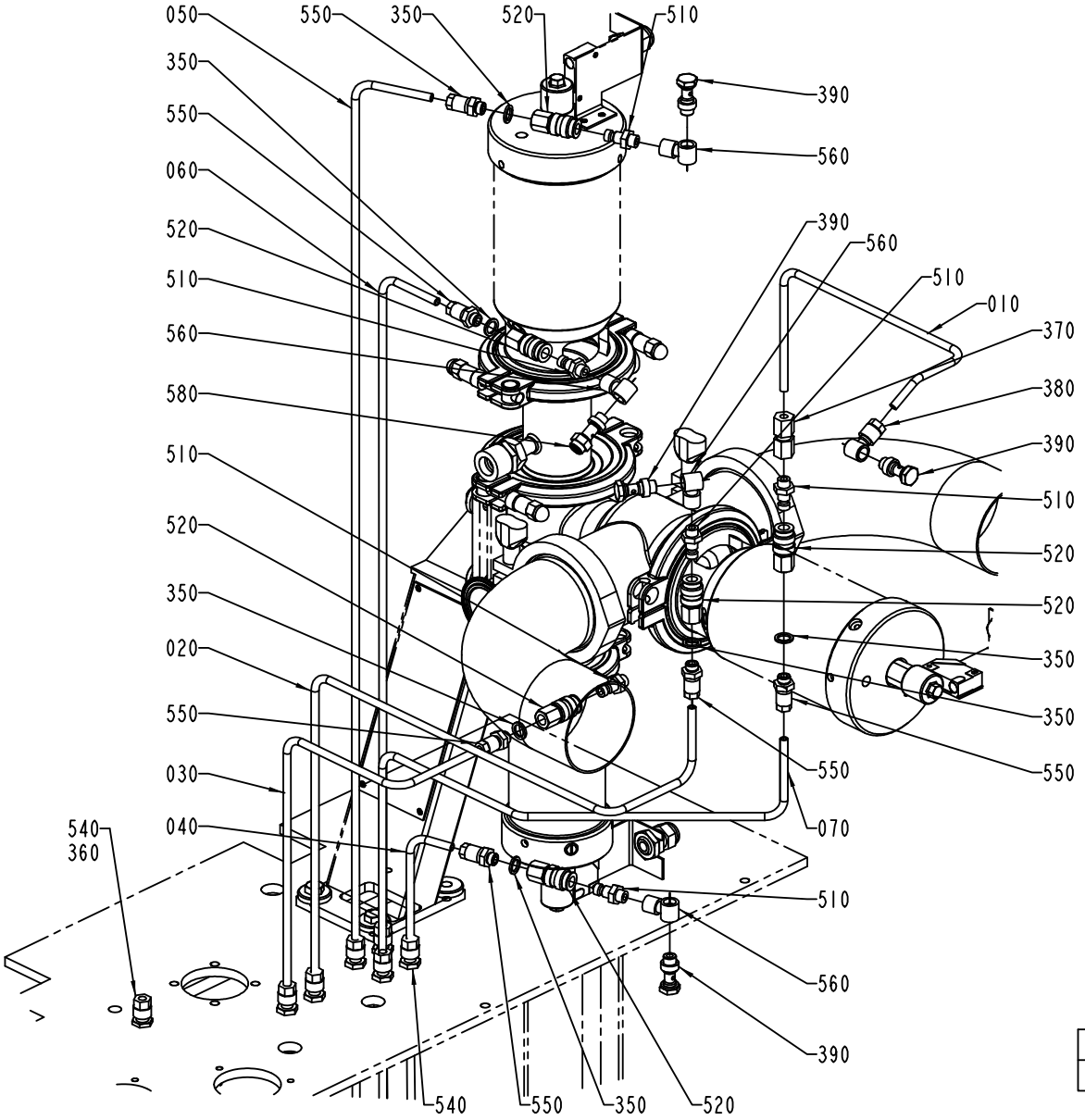
ECM: 112242 - 20021216
Group number: 1095826-0300
Assembly Drawing: 1095826-5_1_AD

This list covers pages from 208 to 211

Pos	Part No	SP	UN	Qty	Description	Page No
HI						
91054	90166-0193	-	MM	3000	TUBE 6 MM PUR BLUE	
PT21						
16014	90166-0193	-	MM	4000	TUBE 6 MM PUR BLUE	
Common Parts						
010	1484405-0000	-		1	PIPE	
020	1484406-0000	-		1	PIPE	
030	1484407-0000	-		1	PIPE	
040	1484408-0000	-		1	PIPE	
050	1484409-0000	-		1	PIPE	
060	1484410-0000	-		1	PIPE	
070	1484411-0000	-		1	PIPE	
080	1484414-0000	-		2	PLATE	
090	1484415-0000	-		1	PLATE	
100	1484416-0000	-		1	BRACKET	
110	1484418-0000	-		1	PLATE	
11072	90166-0193	-	MM	2300	TUBE 6 MM PUR BLUE	
11074	90166-0193	-	MM	2300	TUBE 6 MM PUR BLUE	
11082	90166-0193	-	MM	2300	TUBE 6 MM PUR BLUE	
11084	90166-0193	-	MM	2200	TUBE 6 MM PUR BLUE	
11112	90166-0193	-	MM	2400	TUBE 6 MM PUR BLUE	
11114	90166-0193	-	MM	2400	TUBE 6 MM PUR BLUE	
11122	90166-0193	-	MM	2600	TUBE 6 MM PUR BLUE	
11124	90166-0193	-	MM	2500	TUBE 6 MM PUR BLUE	
120	1484419-0000	-		1	PIPE	
1231	90166-0193	-	MM	4900	TUBE 6 MM PUR BLUE	
12412	90166-0193	-	MM	4000	TUBE 6 MM PUR BLUE	
12414	90166-0193	-	MM	4000	TUBE 6 MM PUR BLUE	
130	1484420-0000	-		1	PIPE	
13032	90166-0193	-	MM	4800	TUBE 6 MM PUR BLUE	
13034	90166-0193	-	MM	4700	TUBE 6 MM PUR BLUE	
13041	90166-0068	-	MM	3000	TUBE 12 MM PA BLUE	
13122	90166-0193	-	MM	5000	TUBE 6 MM PUR BLUE	
13124	90166-0193	-	MM	5000	TUBE 6 MM PUR BLUE	
13232	90166-0193	-	MM	5000	TUBE 6 MM PUR BLUE	
13234	90166-0193	-	MM	5000	TUBE 6 MM PUR BLUE	
1326	90166-0193	-	MM	5000	TUBE 6 MM PUR BLUE	
140	1524348-0000	-		1	PIPE	
14012	90166-0193	-	MM	4500	TUBE 6 MM PUR BLUE	
14014	90166-0193	-	MM	4700	TUBE 6 MM PUR BLUE	
150	1484422-0000	-		2	PIPE	
15012	90166-0193	-	MM	5300	TUBE 6 MM PUR BLUE	
15014	90166-0193	-	MM	5200	TUBE 6 MM PUR BLUE	
15022:1	90166-0193	-	MM	5100	TUBE 6 MM PUR BLUE	
15022:2	90166-0193	-	MM	900	TUBE 6 MM PUR BLUE	
15024:1	90166-0193	-	MM	5100	TUBE 6 MM PUR BLUE	
15024:2	90166-0193	-	MM	700	TUBE 6 MM PUR BLUE	
160	1484423-0000	-		2	PIPE	
170	1484424-0000	-		2	PIPE	
180	1484425-0000	-		2	PIPE	
190	1484426-0000	-		2	PIPE	
210	1129314-0000	-		1	PIPE	
220	1129315-0000	-		1	PIPE	
300	312105-0287	-		4	SCREW M6S ISO4017 M4X8 A480	
310	312105-0366	-		4	SCREW M6S M6X12 A280	
320	312105-0368	-		4	SCREW M6S M6X16 A280	
330	315105-0136	-		4	WASHER BRB4,3XRFR	
350	315237-0109	-		6	WASHER,PL.RND.AL.10/14,H=1,5	
360	342706-0130	-		28	ACCESSORIES, INSERT SLEEVE 6 MM	
370	342725-0102	-		1	CONN. STR. PIPE GI-6-G1/8	
380	342797-0121	-		1	CONN. BANJO, RINGPIECE 6-1/8	
390	342980-0303	-		4	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
400	312105-0362	-		3	SCREW M6S ISO 4017 M6X8 A480	
410	342727-0102	-		2	CONN. PIPE G-6-LFZB	
420	342747-0102	-		2	CONN. T-PIPE T-6	
510	90163-0057	-		6	NIPPLE 1/8" BRASS	
520	90163-0062	-		6	QUICK COUPLING, (F) 5053-1/8	
530	90165-0057	-		4	PIPE CLIP FOR TUBE D=6 MM	
540	90224-0349	-		24	BULKHEAD LEAD-IN	
550	90224-0307	-		6	STRAIGHT FITTING, 6MM, 1/8",	
560	90224-0308	-		4	CONN. BANJO, ART. NO. 2023-1/8-1/8	
570	90143-0059	-	MM	700	SEAL STRIP 4610069	
580	90235-0274	-		1	THROTTLE CHECK VALVES,G1/8"	
590	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
600	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	

Machine Type | Group Description | Used-In | Group Number | Page No





1095826-5
ECM 111701

ECM: 112242 - 20021216
Group number: 1095826-0300
Assembly Drawing: 1095826-5_2_AD

This list covers pages from 208 to 211

Pos	Part No	SP	UN	Qty	Description	Page No
HI						
91054	90166-0193	-	MM	3000	TUBE 6 MM PUR BLUE	
PT21						
16014	90166-0193	-	MM	4000	TUBE 6 MM PUR BLUE	
Common Parts						
010	1484405-0000	-		1	PIPE	
020	1484406-0000	-		1	PIPE	
030	1484407-0000	-		1	PIPE	
040	1484408-0000	-		1	PIPE	
050	1484409-0000	-		1	PIPE	
060	1484410-0000	-		1	PIPE	
070	1484411-0000	-		1	PIPE	
080	1484414-0000	-		2	PLATE	
090	1484415-0000	-		1	PLATE	
100	1484416-0000	-		1	BRACKET	
110	1484418-0000	-		1	PLATE	
11072	90166-0193	-	MM	2300	TUBE 6 MM PUR BLUE	
11074	90166-0193	-	MM	2300	TUBE 6 MM PUR BLUE	
11082	90166-0193	-	MM	2300	TUBE 6 MM PUR BLUE	
11084	90166-0193	-	MM	2200	TUBE 6 MM PUR BLUE	
11112	90166-0193	-	MM	2400	TUBE 6 MM PUR BLUE	
11114	90166-0193	-	MM	2400	TUBE 6 MM PUR BLUE	
11122	90166-0193	-	MM	2600	TUBE 6 MM PUR BLUE	
11124	90166-0193	-	MM	2500	TUBE 6 MM PUR BLUE	
120	1484419-0000	-		1	PIPE	
1231	90166-0193	-	MM	4900	TUBE 6 MM PUR BLUE	
12412	90166-0193	-	MM	4000	TUBE 6 MM PUR BLUE	
12414	90166-0193	-	MM	4000	TUBE 6 MM PUR BLUE	
130	1484420-0000	-		1	PIPE	
13032	90166-0193	-	MM	4800	TUBE 6 MM PUR BLUE	
13034	90166-0193	-	MM	4700	TUBE 6 MM PUR BLUE	
13041	90166-0068	-	MM	3000	TUBE 12 MM PA BLUE	
13122	90166-0193	-	MM	5000	TUBE 6 MM PUR BLUE	
13124	90166-0193	-	MM	5000	TUBE 6 MM PUR BLUE	
13232	90166-0193	-	MM	5000	TUBE 6 MM PUR BLUE	
13234	90166-0193	-	MM	5000	TUBE 6 MM PUR BLUE	
1326	90166-0193	-	MM	5000	TUBE 6 MM PUR BLUE	
140	1524348-0000	-		1	PIPE	
14012	90166-0193	-	MM	4500	TUBE 6 MM PUR BLUE	
14014	90166-0193	-	MM	4700	TUBE 6 MM PUR BLUE	
150	1484422-0000	-		2	PIPE	
15012	90166-0193	-	MM	5300	TUBE 6 MM PUR BLUE	
15014	90166-0193	-	MM	5200	TUBE 6 MM PUR BLUE	
15022:1	90166-0193	-	MM	5100	TUBE 6 MM PUR BLUE	
15022:2	90166-0193	-	MM	900	TUBE 6 MM PUR BLUE	
15024:1	90166-0193	-	MM	5100	TUBE 6 MM PUR BLUE	
15024:2	90166-0193	-	MM	700	TUBE 6 MM PUR BLUE	
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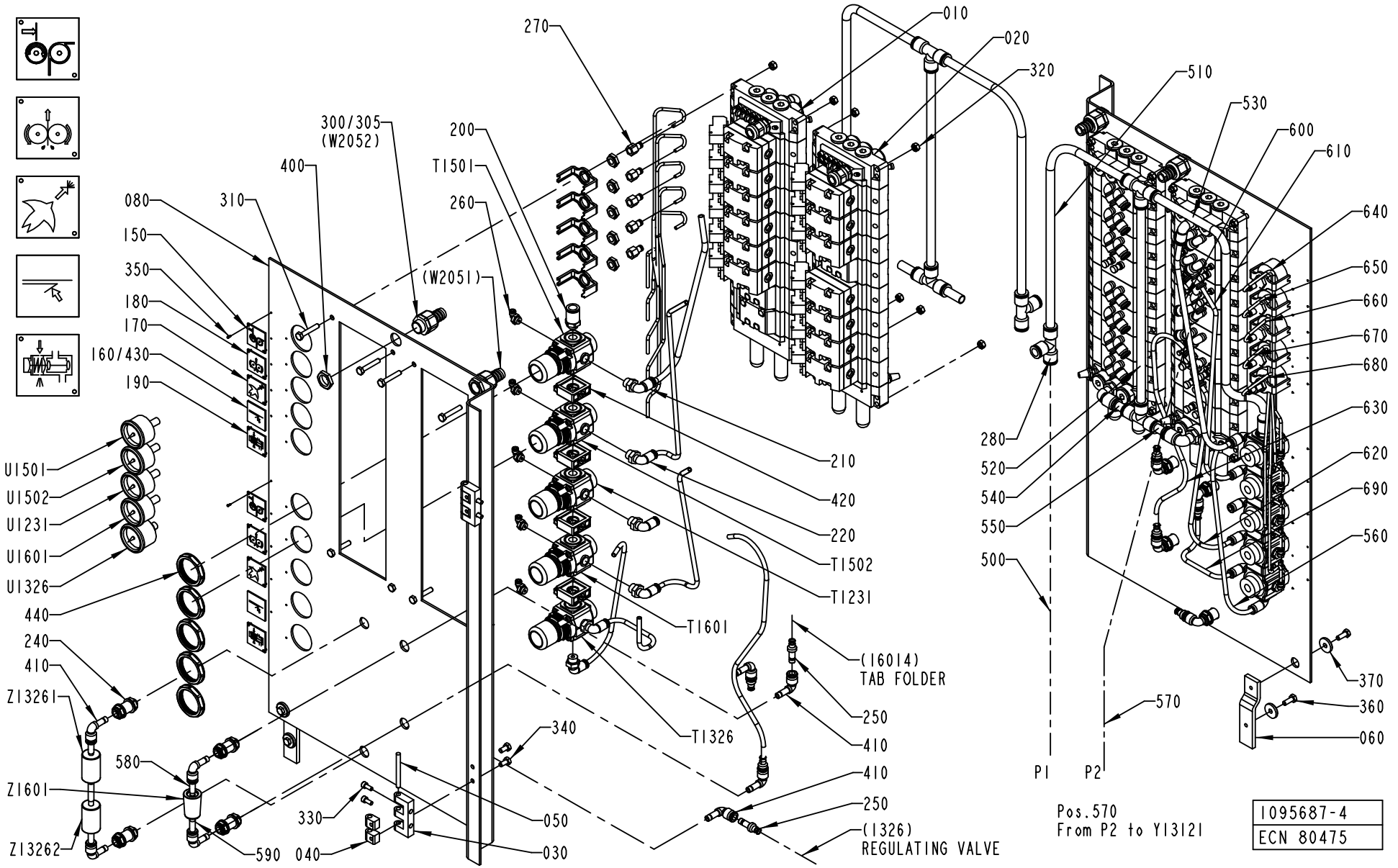
170	1484424-0000	-		2	PIPE	
180	1484425-0000	-		2	PIPE	
190	1484426-0000	-		2	PIPE	
210	1129314-0000	-		1	PIPE	
220	1129315-0000	-		1	PIPE	
300	312105-0287	-		4	SCREW M6S ISO4017 M4X8 A480	
310	312105-0366	-		4	SCREW M6S M6X12 A280	
320	312105-0368	-		4	SCREW M6S M6X16 A280	
330	315105-0136	-		4	WASHER BRB4,3XRFR	
350	315237-0109	-		6	WASHER,PL.RND.AL.10/14,H=1,5	
360	342706-0130	-		28	ACCESSORIES, INSERT SLEEVE 6 MM	
370	342725-0102	-		1	CONN. STR. PIPE GI-6-G1/8	
380	342797-0121	-		1	CONN. BANJO, RINGPIECE 6-1/8	
390	342980-0303	-		4	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
400	312105-0362	-		3	SCREW M6S ISO 4017 M6X8 A480	
410	342727-0102	-		2	CONN. PIPE G-6-LFZB	
420	342747-0102	-		2	CONN. T-PIPE T-6	
510	90163-0057	-		6	NIPPLE 1/8" BRASS	
520	90163-0062	-		6	QUICK COUPLING, (F) 5053-1/8	
530	90165-0057	-		4	PIPE CLIP FOR TUBE D=6 MM	
540	90224-0349	-		24	BULKHEAD LEAD-IN	
550	90224-0307	-		6	STRAIGHT FITTING, 6MM, 1/8",	
560	90224-0308	-		4	CONN. BANJO, ART. NO. 2023-1/8-1/8	
570	90143-0059	-	MM	700	SEAL STRIP 4610069	
580	90235-0274	-		1	THROTTLE CHECK VALVES,G1/8"	
590	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
600	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	

Machine Type | Group Description | Used-In | Group Number | Page No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420
220
T1502
T1231
T1601
T1326
(16014)
TAB FOLDER
250
410
410
250
(1326)
REGULATING VALVE
U1501
U1502
U1231
U1601
U1326
440
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410
Z13261
Z1601
Z13262
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P1
P2
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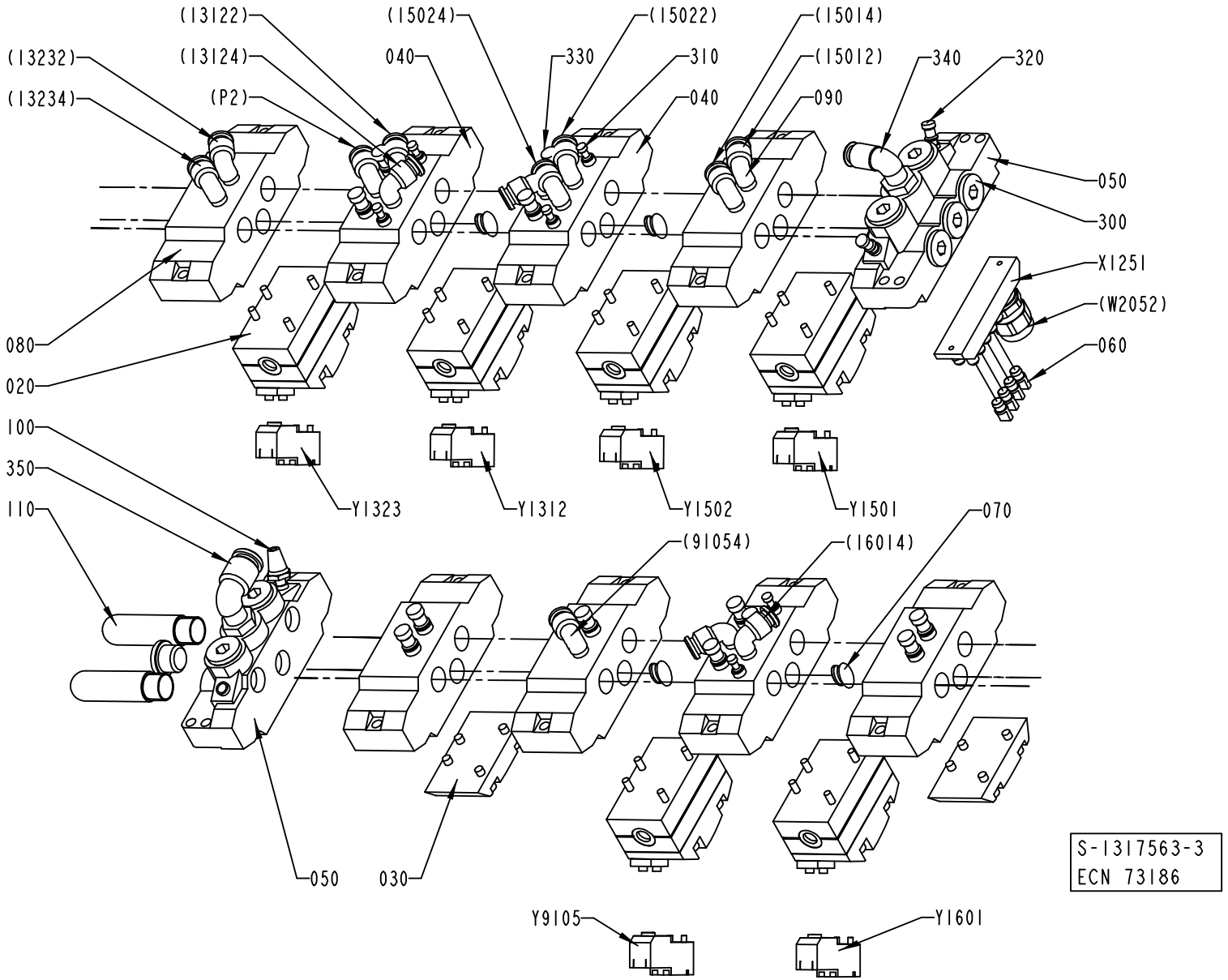
From P2 to Y13121
1095687-4
ECN 80475

ECM: 111165 - 20020628
Group number: 1095687-0400
Assembly Drawing: 1095687-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1317563-0300	-		1	VALVE RAMP SUPERSTRUCT.	**215, 217, 219, 221**
020	1317562-0200	-		1	VALVE RAMP SUPERSTRUCT.	**223**
030	1035792-0000	-		2	E-HINGE	
040	1129770-0000	-		4	BLOCKING PIECE	
050	988685-0000	-		2	PIN	
060	1140380-0000	-		1	BRACKET	
080	1512173-0000	-		1	PLATE	
150	1041937-0000	-		2	SIGN	
160	359307-0007	-		2	SYMBOL SKYLT "TAB FOLDING"	
170	273450-0000	-		2	SIGN	
180	273452-0000	-		2	SIGN	
190	1548001-0000	-		2	SIGN	
200	342722-0209	-		1	STRAIGHT COUPLING D=12-G1/4"	
210	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
220	342732-0103	-		5	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/4	
240	342768-0103	-		4	BULKHEAD CONNECTOR, 8 MM	
250	342716-0203	-		4	REDUCER 6-8	
260	342732-0100	-		5	ELBOW PIPE JOINT, EXT.THREAD, D=4MM-G1/8	
270	342770-0101	-		5	STRAIGHT COUPLING INT, D=4 MM - G1/8	
280	342748-0109	-		3	T-CONNECTION 12MM	
300	353243-0003	-		2	EXTENDED WITHOUT INSERT, PG11	
305	353249-0011	-		2	INSERT, SINGEL HOLE, EK 153/11	
310	312109-0376	-		8	SCREW M6S ISO 4017 M6X35 A480	
320	312605-0316	-		8	HEXAGON NUT, M6M M6 A280	
330	312115-0327	-		4	SCREW ISO4762 M5X12 A4	
340	312105-0366	-		4	SCREW M6S M6X12 A280	
350	312502-0120	-		16	DRIVE SCREW ROUND HEAD KDS 0X5	
360	312105-0368	-		2	SCREW M6S M6X16 A280	
370	315125-0153	-		2	WASHER TBRSB 6,4X22X4 A4	
400	90099-0117	-		2	NUT, PR 18,6 (PG11)	
410	90055-0118	-		8	ELBOW PIPE JOINT -8MM	
420	90113-0140	-		4	QUICK CLAMP	
430	90144-0043	-		1	TEJP TYGAFLOR	
440	90457-0078	-		5	PANEL NUT	
500	90166-0068	-	MM	800	TUBE 12 MM PA BLUE	
510	90166-0068	-	MM	600	TUBE 12 MM PA BLUE	
520	90166-0068	-	MM	350	TUBE 12 MM PA BLUE	
530	90166-0068	-	MM	600	TUBE 12 MM PA BLUE	
540	90166-0068	-	MM	50	TUBE 12 MM PA BLUE	
550	90166-0068	-	MM	50	TUBE 12 MM PA BLUE	
560	90166-0081	-	MM	350	TUBE 6 MM PA BLUE	
570	90166-0013	-	MM	1500	TUBE 8 MM PA BLUE	
580	90166-0013	-	MM	50	TUBE 8 MM PA BLUE	
590	90166-0013	-	MM	50	TUBE 8 MM PA BLUE	
600	90166-0013	-	MM	350	TUBE 8 MM PA BLUE	
610	90166-0013	-	MM	400	TUBE 8 MM PA BLUE	
620	90166-0081	-	MM	400	TUBE 6 MM PA BLUE	
630	90166-0081	-	MM	600	TUBE 6 MM PA BLUE	
640	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
650	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
660	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
670	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
680	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
690	90166-0081	-	MM	300	TUBE 6 MM PA BLUE	
T1231	90113-0470	A		1	MANIFOLD REGULATOR 10 BAR	
T1326	90457-0144	-		1	REGULATOR 0,3-2 BAR	
T1501	90113-0469	A		1	MANIFOLD REGULATOR 4 BAR	
T1502	90113-0469	A		1	MANIFOLD REGULATOR 4 BAR	
T1601	90113-0469	A		1	MANIFOLD REGULATOR 4 BAR	
U1231	90043-0065	B		1	PRESSURE GAUGE, 2048 D=40 MM	
U1326	90043-0090	-		1	PRESSURE GAUGE, 2048 D=40 MM	
U1501	90043-0064	B		1	PRESSURE GAUGE, 2048 D=40 MM	
U1502	90043-0064	B		1	PRESSURE GAUGE, 2048 D=40 MM	
U1601	90043-0064	B		1	PRESSURE GAUGE, 2048 D=40 MM	
Z13261	90277-0045	B		1	FILTER / 9900-05-BK	
Z13262	90277-0046	B		1	FILTER / 9933-05-101	
Z1601	90277-0035	B		1	FILTER / DFU 9933-05-A	

Machine Type | Group Description | Used-In | Group Number | Page No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X1251
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Y1323
Y1312
Y1502
Y1501
070
(91054)
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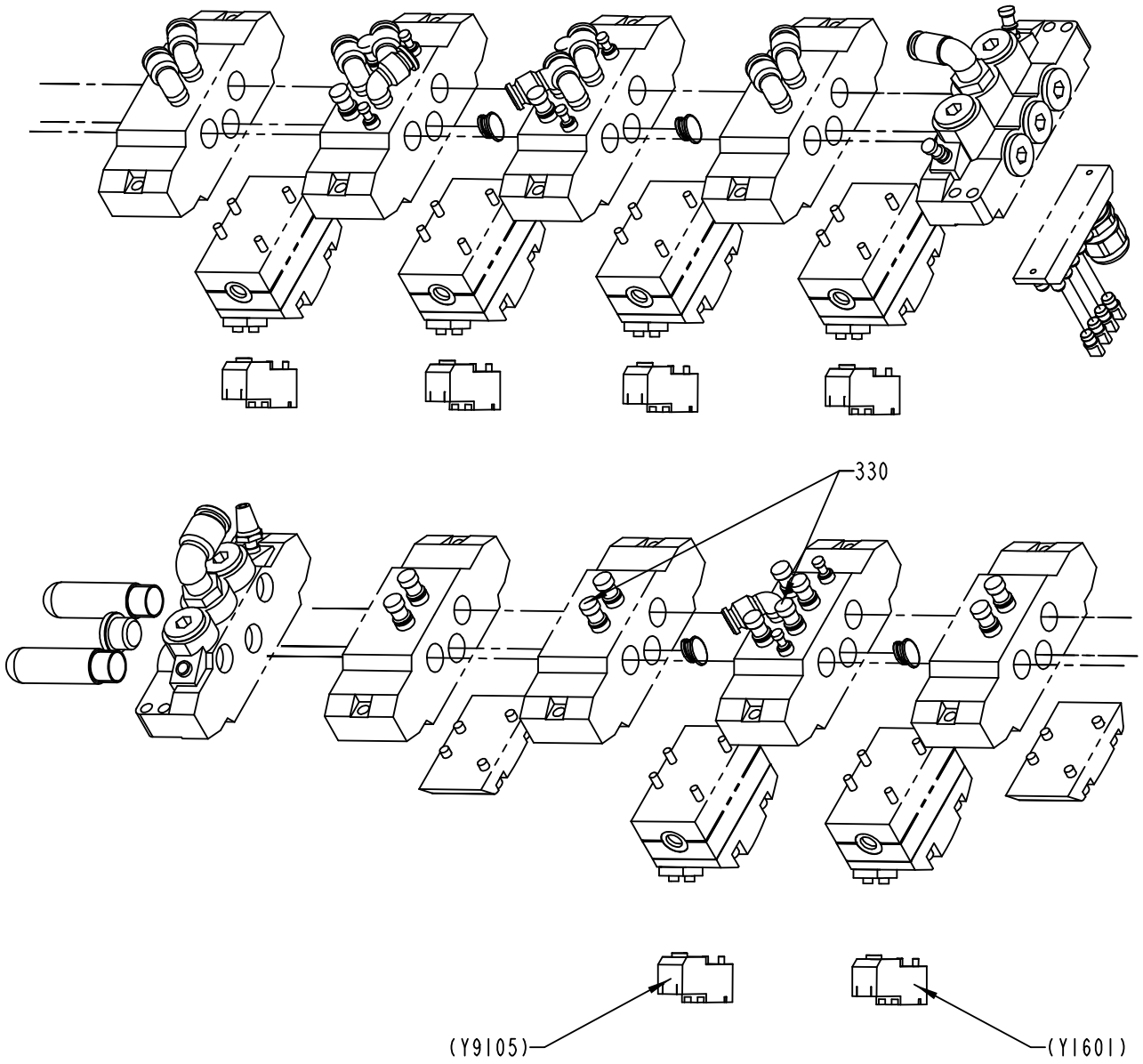
050
030
Y9105
Y1601
S-1317563-3
ECN 73186

ECM: 73186 - 20000308
Group number: 1317563-0300
Assembly Drawing: 1317563-3_1_AB

This list covers pages from 214 to 221

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT HI						
010	1346993-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		12	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		13	BLIND PLUG 8 MM	
NOPT NOHI						
010	1346992-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		11	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		14	BLIND PLUG 8 MM	
PT21 HI						
010	1487169-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		13	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		12	BLIND PLUG 8 MM	
PT21 NOHI						
010	1484417-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		12	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		13	BLIND PLUG 8 MM	
Common Parts						
020	90042-0215	-		6	VALVE BODY 5/2 UNISTABLE	
030	90042-0519	-		2	BLANK PLATE ISO SIZE 1	
040	90042-0520	-		3	BASE PLATE ISO SIZE 1	
050	90042-0522	-		2	PORTED END PIECE ISO SIZE 1	
060	90042-0550	-		4	PROTECTION PLUG FOR UNUSED CONNECTION	
070	90042-0528	-		4	BLANKING KIT SEALS ISO SIZE 1	
080	90042-0532	-		5	BASE PLATE ISO SIZE 1	
100	90328-0017	-		1	SILENCER, D=6 MM	
110	90328-0024	-		2	SILENCER G3/8	
300	342713-0211	-		8	PLUG, EXT THREAD HEX SOCKET 8638-00-380	
310	342715-0100	-		6	BLIND PLUG 4 MM	
320	342715-0102	-		2	BLIND PLUG 6 MM	
340	342732-0105	-		1	ELBOW PIPE D8-R3/8"	
350	342732-0110	-		1	ELBOW PIPE JOINT, EXT.THREAD,D=12MM-G3/8	
X1251	90042-0535	-		1	TERMINAL BOARD 19 CORDS	
Y1312	90042-0538	-		1	PILOT VALVE L=500MM	
Y1323	90042-0538	-		1	PILOT VALVE L=500MM	
Y1501	90042-0538	-		1	PILOT VALVE L=500MM	
Y1502	90042-0538	-		1	PILOT VALVE L=500MM	
Y1601	90042-0538	-		1	PILOT VALVE L=500MM	
Y9105	90042-0538	-		1	PILOT VALVE L=500MM	

Machine Type	Group Description	Used-In	Group Number	Page No



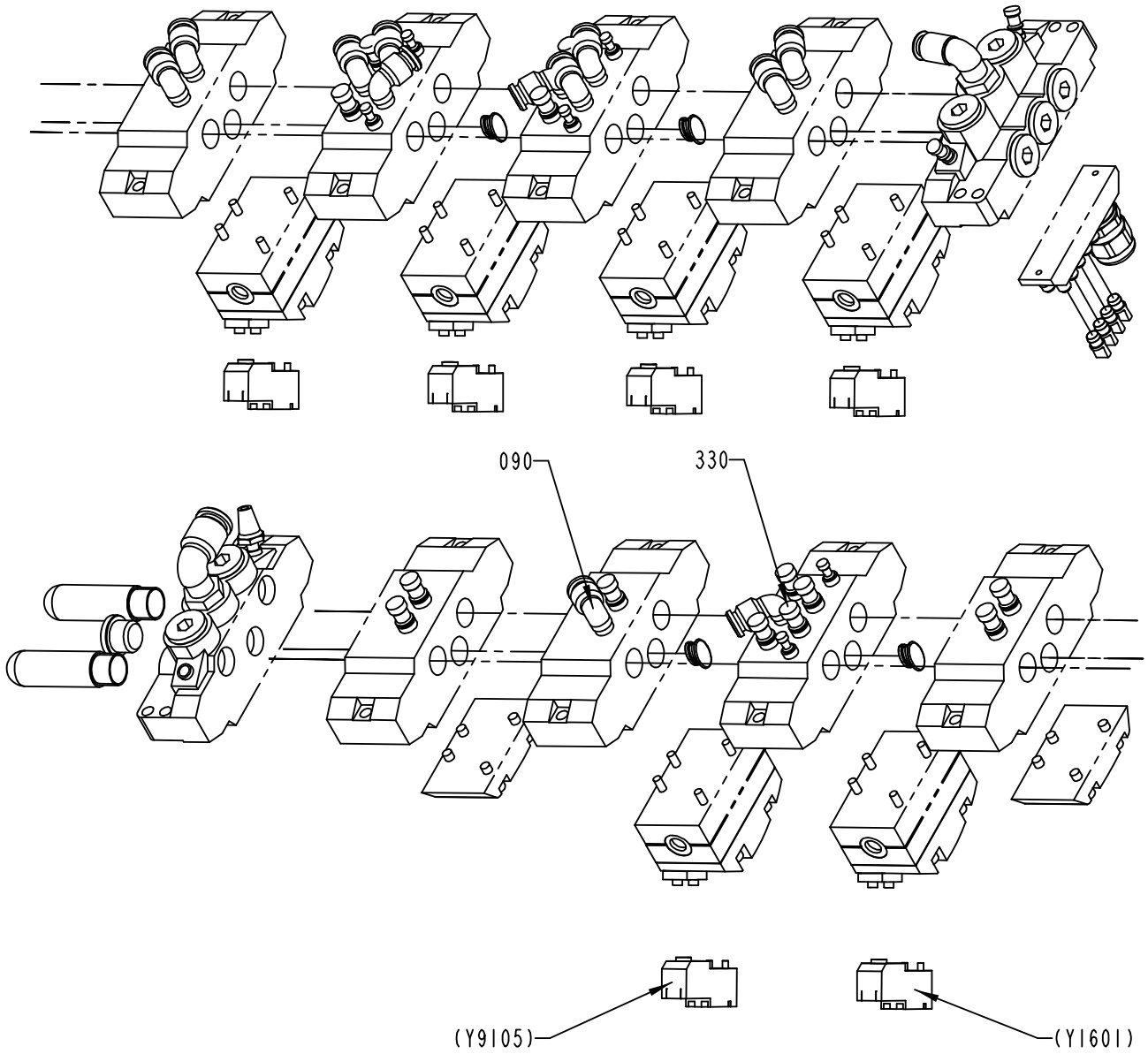
S-1317563-3
ECN 73186

ECM: 73186 - 20000308
Group number: 1317563-0300
Assembly Drawing: 1317563-3_2_AB

This list covers pages from 214 to 221

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT HI						
010	1346993-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		12	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		13	BLIND PLUG 8 MM	
NOPT NOHI						
010	1346992-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		11	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		14	BLIND PLUG 8 MM	
PT21 HI						
010	1487169-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		13	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		12	BLIND PLUG 8 MM	
PT21 NOHI						
010	1484417-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		12	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		13	BLIND PLUG 8 MM	
Common Parts						
020	90042-0215	-		6	VALVE BODY 5/2 UNISTABLE	
030	90042-0519	-		2	BLANK PLATE ISO SIZE 1	
040	90042-0520	-		3	BASE PLATE ISO SIZE 1	
050	90042-0522	-		2	PORTED END PIECE ISO SIZE 1	
060	90042-0550	-		4	PROTECTION PLUG FOR UNUSED CONNECTION	
070	90042-0528	-		4	BLANKING KIT SEALS ISO SIZE 1	
080	90042-0532	-		5	BASE PLATE ISO SIZE 1	
100	90328-0017	-		1	SILENCER, D=6 MM	
110	90328-0024	-		2	SILENCER G3/8	
300	342713-0211	-		8	PLUG, EXT THREAD HEX SOCKET 8638-00-380	
310	342715-0100	-		6	BLIND PLUG 4 MM	
320	342715-0102	-		2	BLIND PLUG 6 MM	
340	342732-0105	-		1	ELBOW PIPE D8-R3/8"	
350	342732-0110	-		1	ELBOW PIPE JOINT, EXT.THREAD,D=12MM-G3/8	
X1251	90042-0535	-		1	TERMINAL BOARD 19 CORDS	
Y1312	90042-0538	-		1	PILOT VALVE L=500MM	
Y1323	90042-0538	-		1	PILOT VALVE L=500MM	
Y1501	90042-0538	-		1	PILOT VALVE L=500MM	
Y1502	90042-0538	-		1	PILOT VALVE L=500MM	
Y1601	90042-0538	-		1	PILOT VALVE L=500MM	
Y9105	90042-0538	-		1	PILOT VALVE L=500MM	

Machine Type	Group Description	Used-In	Group Number	Page No



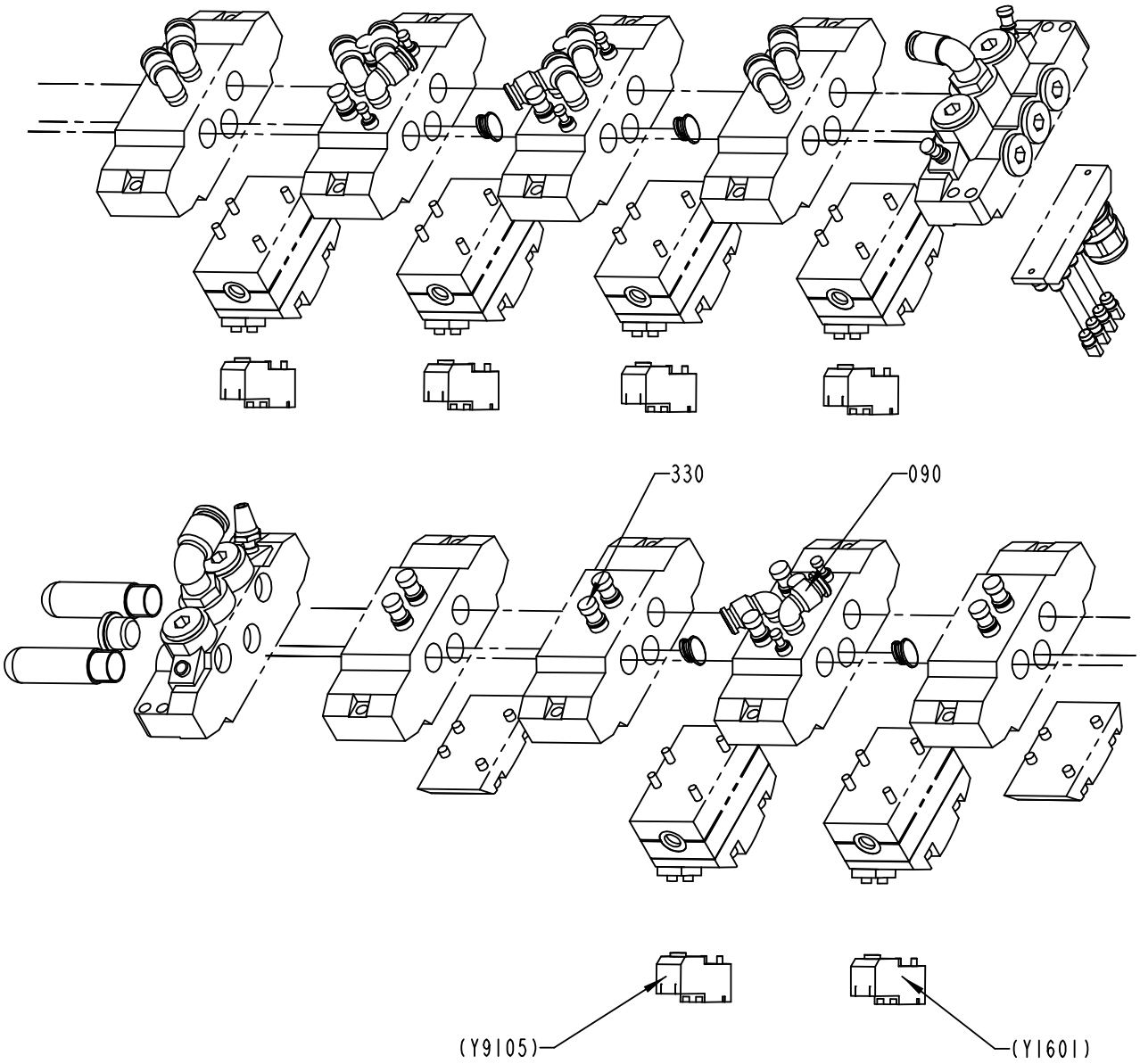
S-1317563-3
ECN 73186

ECM: 73186 - 20000308
Group number: 1317563-0300
Assembly Drawing: 1317563-3_3_AB

This list covers pages from 214 to 221

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT HI						
010	1346993-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		12	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		13	BLIND PLUG 8 MM	
NOPT NOHI						
010	1346992-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		11	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		14	BLIND PLUG 8 MM	
PT21 HI						
010	1487169-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		13	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		12	BLIND PLUG 8 MM	
PT21 NOHI						
010	1484417-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		12	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		13	BLIND PLUG 8 MM	
Common Parts						
020	90042-0215	-		6	VALVE BODY 5/2 UNISTABLE	
030	90042-0519	-		2	BLANK PLATE ISO SIZE 1	
040	90042-0520	-		3	BASE PLATE ISO SIZE 1	
050	90042-0522	-		2	PORTED END PIECE ISO SIZE 1	
060	90042-0550	-		4	PROTECTION PLUG FOR UNUSED CONNECTION	
070	90042-0528	-		4	BLANKING KIT SEALS ISO SIZE 1	
080	90042-0532	-		5	BASE PLATE ISO SIZE 1	
100	90328-0017	-		1	SILENCER, D=6 MM	
110	90328-0024	-		2	SILENCER G3/8	
300	342713-0211	-		8	PLUG, EXT THREAD HEX SOCKET 8638-00-380	
310	342715-0100	-		6	BLIND PLUG 4 MM	
320	342715-0102	-		2	BLIND PLUG 6 MM	
340	342732-0105	-		1	ELBOW PIPE D8-R3/8"	
350	342732-0110	-		1	ELBOW PIPE JOINT, EXT.THREAD,D=12MM-G3/8	
X1251	90042-0535	-		1	TERMINAL BOARD 19 CORDS	
Y1312	90042-0538	-		1	PILOT VALVE L=500MM	
Y1323	90042-0538	-		1	PILOT VALVE L=500MM	
Y1501	90042-0538	-		1	PILOT VALVE L=500MM	
Y1502	90042-0538	-		1	PILOT VALVE L=500MM	
Y1601	90042-0538	-		1	PILOT VALVE L=500MM	
Y9105	90042-0538	-		1	PILOT VALVE L=500MM	

Machine Type	Group Description	Used-In	Group Number	Page No



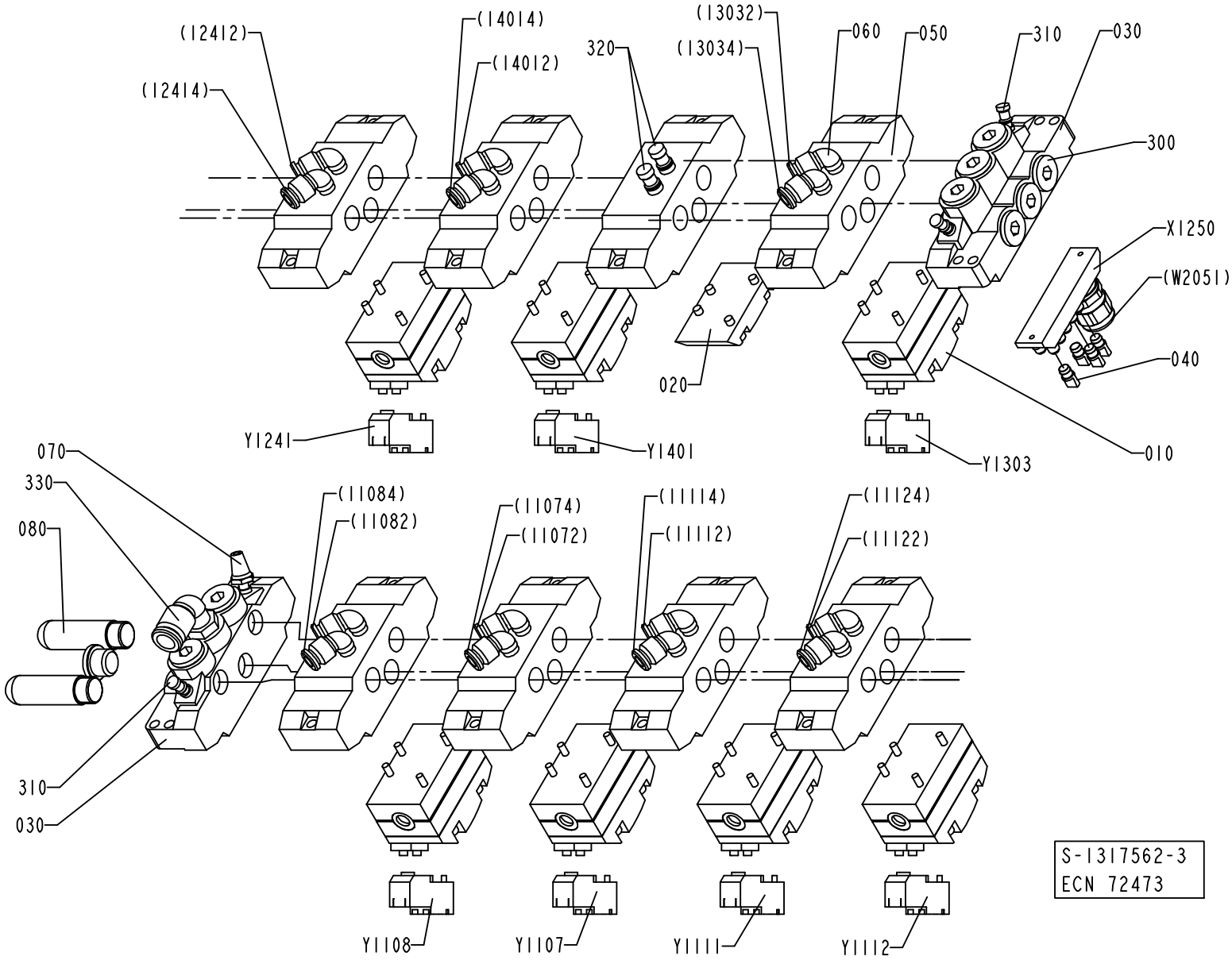
S-1317563-3
ECN 73186

ECM: 73186 - 20000308
Group number: 1317563-0300
Assembly Drawing: 1317563-3_4_AB

This list covers pages from 214 to 221

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT HI						
010	1346993-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		12	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		13	BLIND PLUG 8 MM	
NOPT NOHI						
010	1346992-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		11	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		14	BLIND PLUG 8 MM	
PT21 HI						
010	1487169-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		13	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		12	BLIND PLUG 8 MM	
PT21 NOHI						
010	1484417-0000	-		1	PNEUMATIC DIAGRAM	
090	90055-0173	-		12	ELBOW WITH TAILPIECE 8/6 MM	
330	342715-0103	-		13	BLIND PLUG 8 MM	
Common Parts						
020	90042-0215	-		6	VALVE BODY 5/2 UNISTABLE	
030	90042-0519	-		2	BLANK PLATE ISO SIZE 1	
040	90042-0520	-		3	BASE PLATE ISO SIZE 1	
050	90042-0522	-		2	PORTED END PIECE ISO SIZE 1	
060	90042-0550	-		4	PROTECTION PLUG FOR UNUSED CONNECTION	
070	90042-0528	-		4	BLANKING KIT SEALS ISO SIZE 1	
080	90042-0532	-		5	BASE PLATE ISO SIZE 1	
100	90328-0017	-		1	SILENCER, D=6 MM	
110	90328-0024	-		2	SILENCER G3/8	
300	342713-0211	-		8	PLUG, EXT THREAD HEX SOCKET 8638-00-380	
310	342715-0100	-		6	BLIND PLUG 4 MM	
320	342715-0102	-		2	BLIND PLUG 6 MM	
340	342732-0105	-		1	ELBOW PIPE D8-R3/8"	
350	342732-0110	-		1	ELBOW PIPE JOINT, EXT.THREAD,D=12MM-G3/8	
X1251	90042-0535	-		1	TERMINAL BOARD 19 CORDS	
Y1312	90042-0538	-		1	PILOT VALVE L=500MM	
Y1323	90042-0538	-		1	PILOT VALVE L=500MM	
Y1501	90042-0538	-		1	PILOT VALVE L=500MM	
Y1502	90042-0538	-		1	PILOT VALVE L=500MM	
Y1601	90042-0538	-		1	PILOT VALVE L=500MM	
Y9105	90042-0538	-		1	PILOT VALVE L=500MM	

Machine Type	Group Description	Used-In	Group Number	Page No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Y1303
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030
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(11114)
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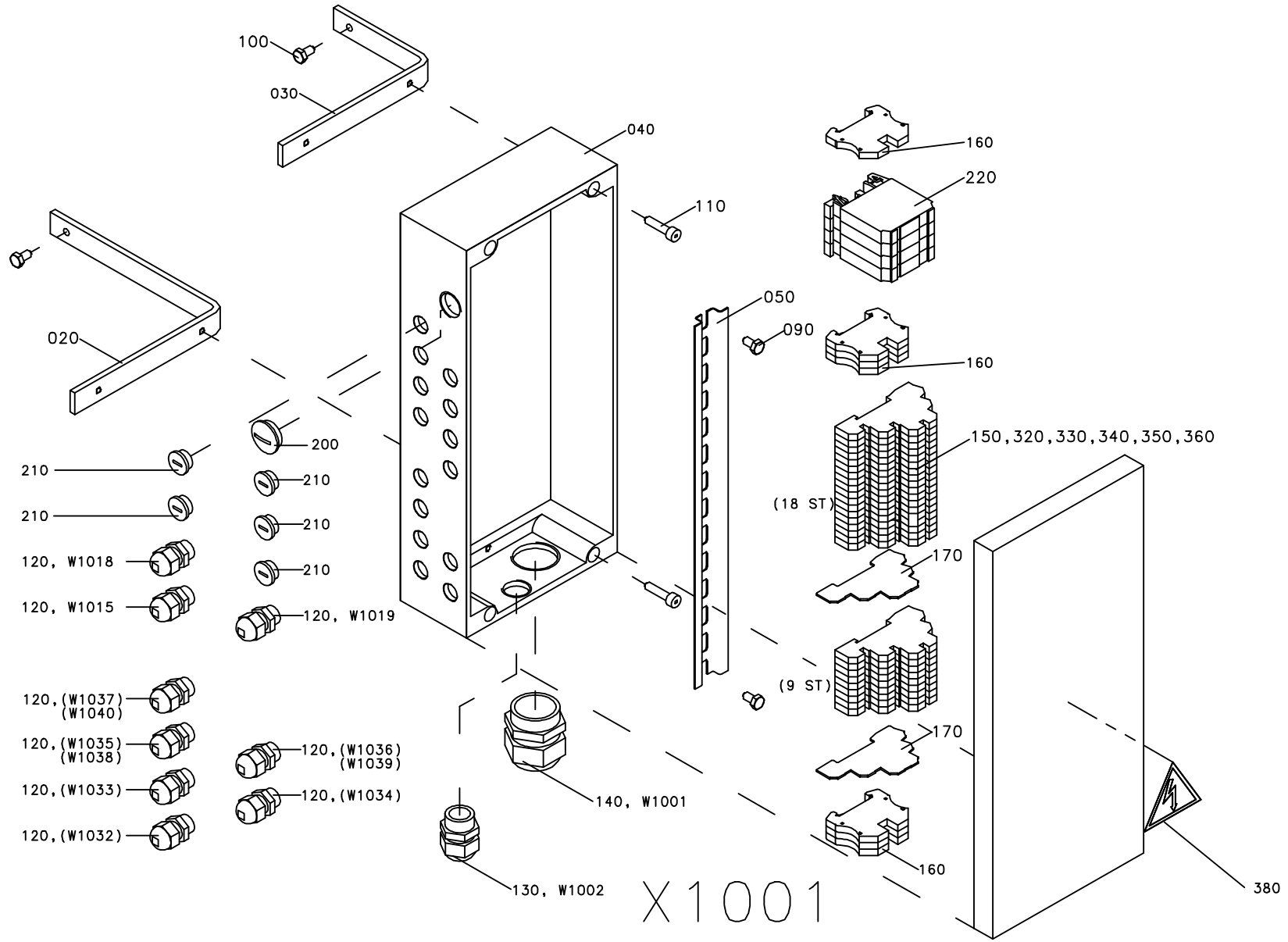
(11122)
Y1108
Y1107
Y1111
Y1112
S-1317562-3
ECN 72473

ECM: 72829 - 19990910
Group number: 1317562-0200
Assembly Drawing: 1317562-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90042-0215	-		7	VALVE BODY 5/2 UNISTABLE	
020	90042-0519	-		1	BLANK PLATE ISO SIZE 1	
030	90042-0522	-		2	PORTED END PIECE ISO SIZE 1	
040	90042-0550	-		4	PROTECTION PLUG FOR UNUSED CONNECTION	
050	90042-0532	-		8	BASE PLATE ISO SIZE 1	
060	90055-0173	-		14	ELBOW WITH TAILPIECE 8/6 MM	
070	90328-0017	-		1	SILENCER, D=6 MM	
080	90328-0024	-		2	SILENCER G3/8	
300	342713-0211	-		9	PLUG, EXT THREAD HEX SOCKET 8638-00-380	
310	342715-0102	-		3	BLIND PLUG 6 MM	
320	342715-0103	-		2	BLIND PLUG 8 MM	
330	342732-0110	-		1	ELBOW PIPE JOINT, EXT.THREAD,D=12MM-G3/8	
X1250	90042-0535	-		1	TERMINAL BOARD 19 CORDS	
Y1107	90042-0538	-		1	PILOT VALVE L=500MM	
Y1108	90042-0538	-		1	PILOT VALVE L=500MM	
Y1111	90042-0538	-		1	PILOT VALVE L=500MM	
Y1112	90042-0538	-		1	PILOT VALVE L=500MM	
Y1241	90042-0538	-		1	PILOT VALVE L=500MM	
Y1303	90042-0538	-		1	PILOT VALVE L=500MM	
Y1401	90042-0538	-		1	PILOT VALVE L=500MM	

Pos	Part No	SP	UN	Qty	Description	Page No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210
170
120, W1018
120, W1015
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(9 ST)
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(W1040)
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(W1038)
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(W1039)
120,(W1034)
140, W1001
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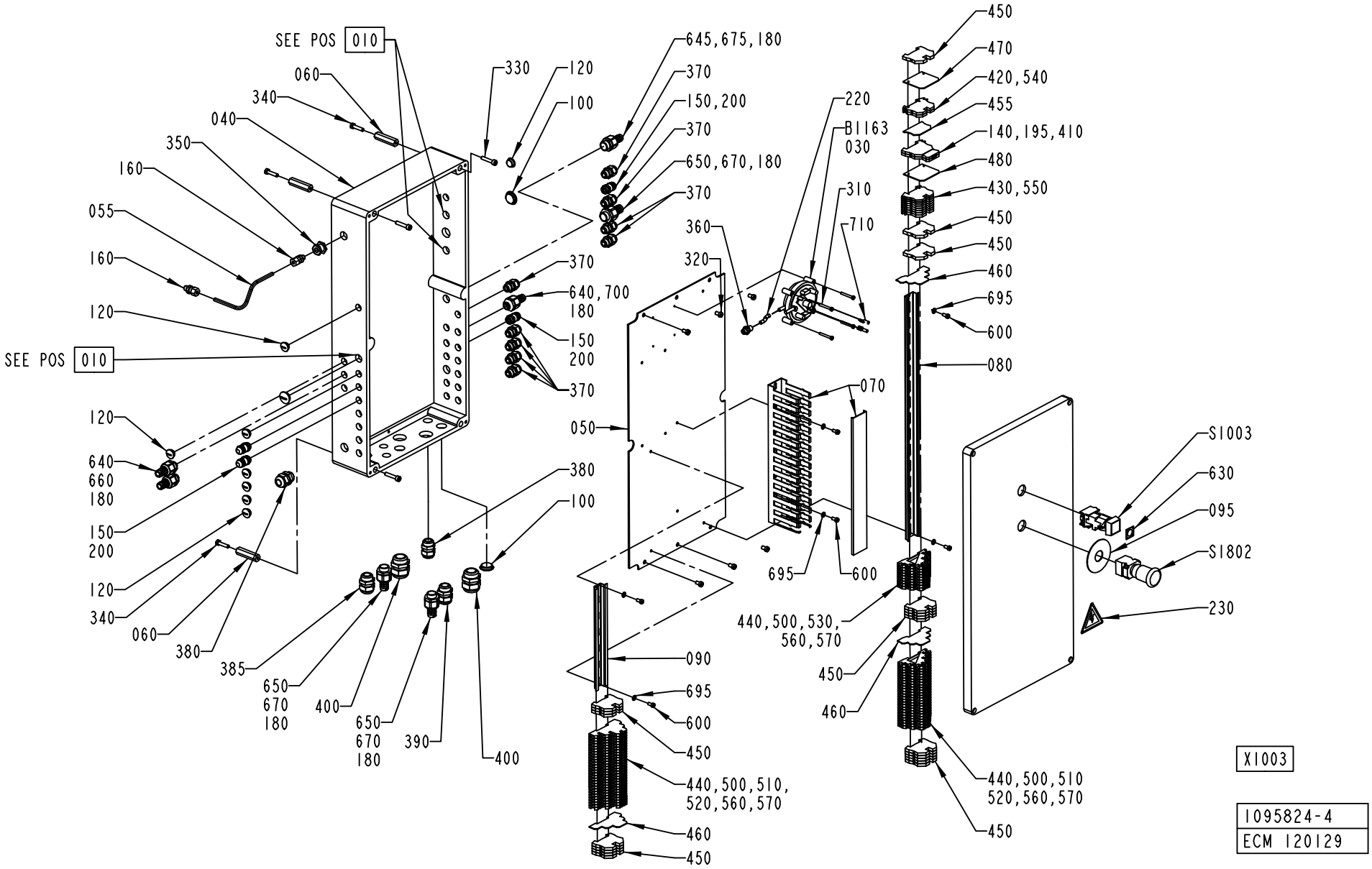
160
130, W1002
X1001
380

ECM: 71009 - 19970912
Group number: 1095823-0100
Assembly Drawing: 1095823-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1129420-0000	-		1	HOLDER	
030	1129419-0000	-		1	HOLDER	
040	1129421-0000	-		1	CONNECTION BOX	
050	1129422-0000	-		1	RAIL	
090	312125-0325	-		2	SCREW SLOT.PAN HD. MCS 5X10 A480	
100	312105-0366	-		2	SCREW M6S M6X12 A280	
110	312115-0372	-		4	SCREW ISO4762 M6X25 A4	
120	352103-0101	-		9	CABLE GLAND, ST 9, PR15,2/PG9	
130	352103-0111	-		1	CABLE GLAND, ST 16, PR22,5/PG16	
140	352103-0116	-		1	CABLE GLAND, ST 21, PR28,3/PG21	
150	353021-0302	-		27	TERMINALS,TRIPLE-LEVEL, DLD 2,5/35 PA	
160	353024-0205	-		7	EARTH TERMINAL, 1010.1	
170	353032-0302	-		2	END PLATE WAP	
200	90002-0004	-		1	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
210	90002-0013	-		5	BLANK-OFF PLUG, PR 15,2 SKINDICHT-BLK9	
220	90119-0063	-		4	OPTO-RELAY, DC/DC AMMS-10-1/30VDC	
320	353034-0404	-		6	BRIDGE CONNECTOR Q10, 13131.0	
330	353034-0401	-		4	BRIDGE CONNECTOR Q2, 13125.0	
340	359011-0823	-		2	SET OF SIGNS 6-FW 101-150	
350	359011-0832	-		2	SET OF SIGNS 6-GW (+)	
360	359011-0833	-		2	SET OF SIGNS 6-GW (-)	
370	359011-0834	-		1	SET OF SIGNS 6-GW(EARTH)	
380	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
W1001	351150-0425	-	MM	5500	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W1002	351150-0407	-	MM	5500	CABLE OLFLEX 12X0,75 MM2 LIGHT/GREY	
W1015	351150-0403	-	MM	4300	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1018	351150-0403	-	MM	3500	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1019	351150-0403	-	MM	3600	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No


SEE POS 010
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055
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120
SEE POS 010
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640,700
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630
095
S1802
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520,560,570
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X1003
1095824-4
ECM 120129

ECM: 120142 - 20030303
Group number: 1095824-0300
Assembly Drawing: 1095824-4_1_AC

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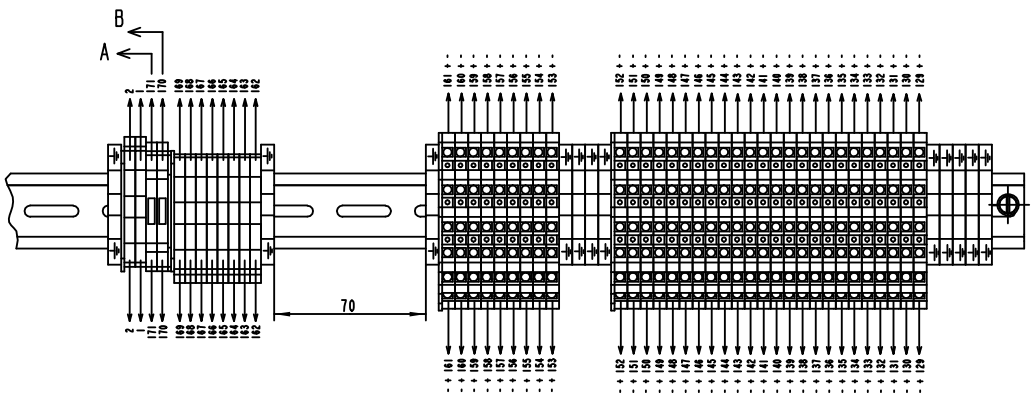
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095878-0300	-		1	CLEANING EQUIPMENT	**231**
030	351160-0102	-	M	4	CABLE AWM 1X0,75 MM2 DARKBLUE	
040	1487826-0000	-		1	CONNECTION BOX	
050	1349872-0000	-		1	MOUNTING PLATE	
055	1038358-0000	-		1	PIPE	
060	1129475-0000	-		3	HOLDER	
070	1129480-0000	-		1	CABLE DUCT	
080	1037615-0000	-		1	RAIL	
090	1129479-0000	-		1	RAIL	
095	486826-0001	A		1	SIGN "EMERGENCY STOP"	
100	90002-0004	-		2	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
120	90002-0013	-		8	BLANK-OFF PLUG, PR 15,2 SKINDICHT-BLK9	
140	90038-0049	-		1	DIODE	
150	90012-0123	-		4	GLAND FITTING	
160	90030-0184	-		2	CONN. STR. GA-6-G1/8	
180	90152-0050	-	M	10	SPIRAL CONDUIT, 20X13, UL 1313	
195	90121-0127	-		1	RESISTANCE FIXED, 1,5 KOHM, 0,25 W	
200	90152-0058	-	M	3	SPIRAL CONDUIT, 15X9, UL 0909	
210	90152-0059	-	M	3	SPIRAL CONDUIT, 18X12, UL 1211	
220	90166-0176	-	M		RUBBER HOSE	
230	90194-0016	A		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
310	312125-0299	-		4	SCREW PAN HEAD MCS M4X30 SS	
320	312125-0364	-		6	SCREW SLOT.PAN HD. MCS 6X10 A480	
330	312115-0374	-		3	SCREW ISO4762 M6X30 A4	
340	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
350	342767-0100	-		1	CONN. BULKHEAD G1/8	
360	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
370	352103-0101	-		9	CABLE GLAND, ST 9, PR15,2/PG9	
380	352103-0108	-		2	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
385	352103-0110	-		1	CABLE GLAND, STR 16, PR22,5/PG16	
390	352103-0111	-		1	CABLE GLAND, ST 16, PR22,5/PG16	
400	352103-0116	-		2	CABLE GLAND, ST 21, PR28,3/PG21	
410	353021-0127	-		2	TERMINAL DISCONNECTBLE, WTR 2,5+WSD 2,5	
420	353021-0212	-		2	FEED THROUGH TERMINAL, 10200.0	
430	353021-0216	-		8	FEED THROUGH TERMINAL, 10200.8	
440	353021-0302	-		59	TERMINALS,TRIPLE-LEVEL, DLD 2,5/35 PA	
450	353024-0205	-		19	EARTH TERMINAL, 1010.1	
455	353032-0004	-		1	END PLATE WAP 2,5-10 BEIGE	
460	353032-0302	-		3	END PLATE WAP	
470	353033-0105	-		1	PARTITITION, 10501.0	
480	353033-0106	-		1	PARTITITION, 10501.8	
500	353034-0404	-		14	BRIDGE CONNECTOR Q10, 13131.0	
510	353034-0401	-		8	BRIDGE CONNECTOR Q2, 13125.0	
520	359011-0823	-		2	SET OF SIGNS 6-FW 101-150	
530	359011-0824	-		2	SET OF SIGNS 6-FW 151-200	
540	359011-0807	-		2	MARKING PLATES 5-FW 1-50	
550	359011-0810	-		2	MARKING PLATES 5-FW 151-200	
560	359011-0832	-		3	SET OF SIGNS 6-GW (+)	
570	359011-0833	-		3	SET OF SIGNS 6-GW (-)	
580	359011-0834	-		1	SET OF SIGNS 6-GW(EARTH)	
600	312125-0325	-		6	SCREW SLOT.PAN HD. MCS 5X10 A480	
630	359301-0110	-		1	SIGN "SHORT STOP"	
640	353243-0001	-		3	EXTENDED WITHOUT INSERT, PG9	
645	353243-0002	-		1	EXTENDED WITHOUT INSERT, PG11	
650	353243-0003	-		3	EXTENDED WITHOUT INSERT, PG11	
660	353249-0009	-		2	INSERT, SINGEL HOLE, EK 152/9	
670	353249-0011	-		3	INSERT, SINGEL HOLE, EK 153/11	
675	353249-0036	-		1	INSERT, MULTI HOLE, EK152 M 2X4	
695	315105-0146	-		6	BRICKA BRB5,3X10RFR	
700	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
710	90097-0017	-		2	FLAT PIN PLUG 6,3MM	
B1163	90274-0088	A		1	PRESSURE GUARD, 1,5 KPA	
S1003	90064-0084	A		1	PUSH BUTTON, YELLOW	
S1802	90064-0124	A		1	SWITCH, EM. STOP, ZB2-BS844+ZB2-BZ1045	
W1003	351150-0425	-	M	5	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W1004	351150-0425	-	M	5	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W1006	351150-0407	-	M	4	CABLE OLFLEX 12X0,75 MM2 LIGHT/GREY	
W1011	351150-0405	-	M	2	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W1027	351150-0403	-	M		CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1028	351150-0403	-	M	2	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1029	351150-0404	-	M	2	CABLE OLFLEX 4X0,75 MM2 LIGHT/GREY	
W1030	351150-0403	-	M	2	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1031	351150-0403	-	M	2	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1044	351150-0405	-	M	1	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W1045	351150-0405	-	M		CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W1046	351150-0405	-	M	2	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W1048	351150-0405	-	M	1	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W1052	90220-0072	-	M	2	SCR. CABLE 4X0,34MM2	
W1058	351150-0403	-	M	1	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1065	351150-0403	-	M	1	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W2028	90220-0162	-	M	7	SCR. CABLE 10X0,25MM2	
W2030	351150-0412	-	M	4	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	

Machine Type	Group Description	Used-In	Group Number	Page No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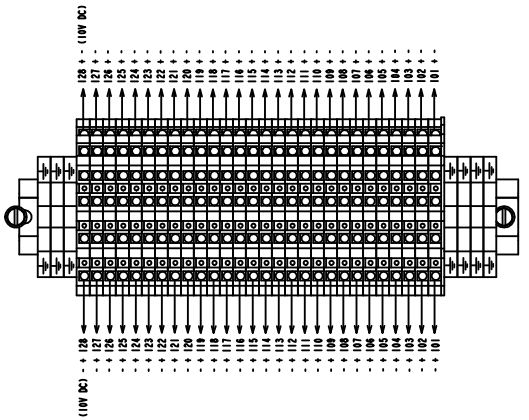
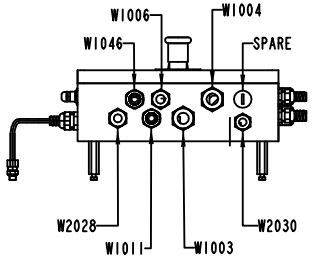
70

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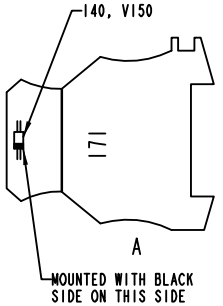
W2028
W2030
W1011
W1003


140, V150
171
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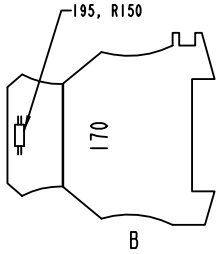
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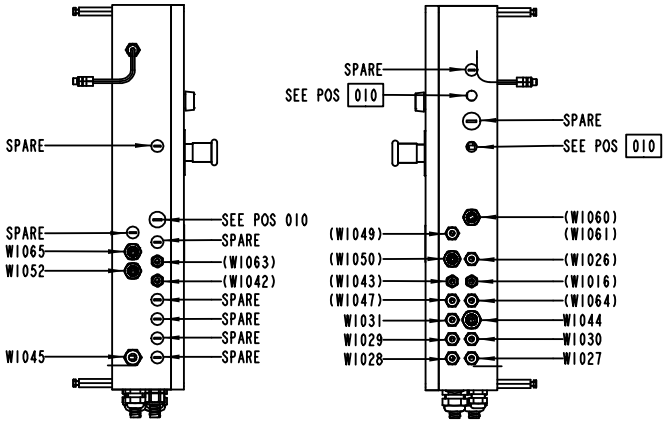
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SPARE
SEE POS 010
SPARE
SEE POS 010
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W1065
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(W1063)
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SPARE
SPARE
SPARE
SPARE
W1045
(W1049)
(W1050)
(W1043)
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W1031
W1029
W1028
(W1060)
(W1061)
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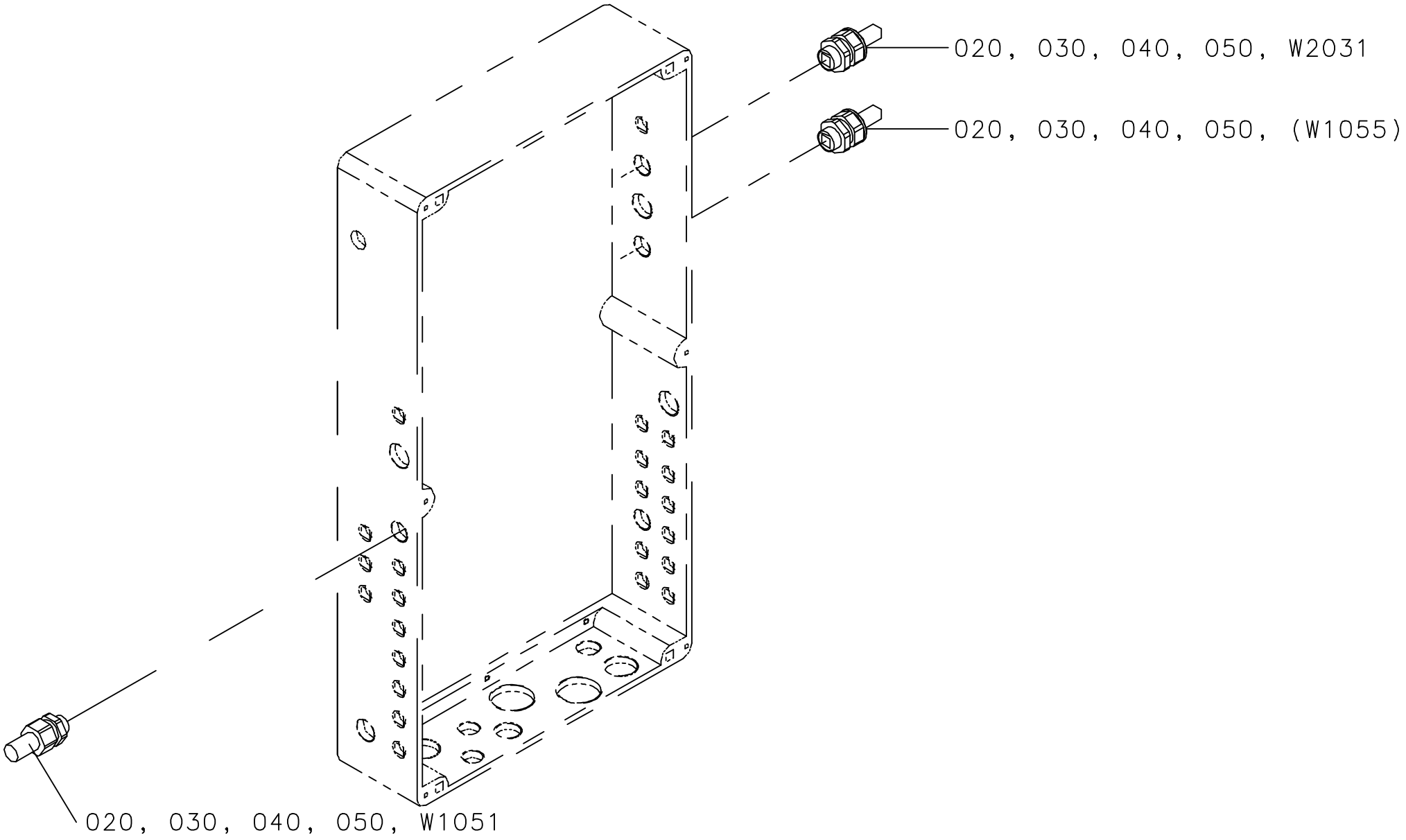
(W1016)
(W1064)
W1044
W1030
W1027

ECM: 120142 - 20030303
Group number: 1095824-0300
Assembly Drawing: 1095824-4_2_AC

This list covers pages from 226 to 229

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095878-0300	-		1	CLEANING EQUIPMENT	**231**
030	351160-0102	-	M	4	CABLE AWM 1X0,75 MM2 DARKBLUE	
040	1487826-0000	-		1	CONNECTION BOX	
050	1349872-0000	-		1	MOUNTING PLATE	
055	1038358-0000	-		1	PIPE	
060	1129475-0000	-		3	HOLDER	
070	1129480-0000	-		1	CABLE DUCT	
080	1037615-0000	-		1	RAIL	
090	1129479-0000	-		1	RAIL	
095	486826-0001	A		1	SIGN "EMERGENCY STOP"	
100	90002-0004	-		2	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
120	90002-0013	-		8	BLANK-OFF PLUG, PR 15,2 SKINDICHT-BLK9	
140	90038-0049	-		1	DIODE	
150	90012-0123	-		4	GLAND FITTING	
160	90030-0184	-		2	CONN. STR. GA-6-G1/8	
180	90152-0050	-	M	10	SPIRAL CONDUIT, 20X13, UL 1313	
195	90121-0127	-		1	RESISTANCE FIXED, 1,5 KOHM, 0,25 W	
200	90152-0058	-	M	3	SPIRAL CONDUIT, 15X9, UL 0909	
210	90152-0059	-	M	3	SPIRAL CONDUIT, 18X12, UL 1211	
220	90166-0176	-	M		RUBBER HOSE	
230	90194-0016	A		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
310	312125-0299	-		4	SCREW PAN HEAD MCS M4X30 SS	
320	312125-0364	-		6	SCREW SLOT.PAN HD. MCS 6X10 A480	
330	312115-0374	-		3	SCREW ISO4762 M6X30 A4	
340	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
350	342767-0100	-		1	CONN. BULKHEAD G1/8	
360	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
370	352103-0101	-		9	CABLE GLAND, ST 9, PR15,2/PG9	
380	352103-0108	-		2	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
385	352103-0110	-		1	CABLE GLAND, STR 16, PR22,5/PG16	
390	352103-0111	-		1	CABLE GLAND, ST 16, PR22,5/PG16	
400	352103-0116	-		2	CABLE GLAND, ST 21, PR28,3/PG21	
410	353021-0127	-		2	TERMINAL DISCONNECTBLE, WTR 2,5+WSD 2,5	
420	353021-0212	-		2	FEED THROUGH TERMINAL, 10200.0	
430	353021-0216	-		8	FEED THROUGH TERMINAL, 10200.8	
440	353021-0302	-		59	TERMINALS,TRIPLE-LEVEL, DLD 2,5/35 PA	
450	353024-0205	-		19	EARTH TERMINAL, 1010.1	
455	353032-0004	-		1	END PLATE WAP 2,5-10 BEIGE	
460	353032-0302	-		3	END PLATE WAP	
470	353033-0105	-		1	PARTITITION, 10501.0	
480	353033-0106	-		1	PARTITITION, 10501.8	
500	353034-0404	-		14	BRIDGE CONNECTOR Q10, 13131.0	
510	353034-0401	-		8	BRIDGE CONNECTOR Q2, 13125.0	
520	359011-0823	-		2	SET OF SIGNS 6-FW 101-150	
530	359011-0824	-		2	SET OF SIGNS 6-FW 151-200	
540	359011-0807	-		2	MARKING PLATES 5-FW 1-50	
550	359011-0810	-		2	MARKING PLATES 5-FW 151-200	
560	359011-0832	-		3	SET OF SIGNS 6-GW (+)	
570	359011-0833	-		3	SET OF SIGNS 6-GW (-)	
580	359011-0834	-		1	SET OF SIGNS 6-GW(EARTH)	
600	312125-0325	-		6	SCREW SLOT.PAN HD. MCS 5X10 A480	
630	359301-0110	-		1	SIGN "SHORT STOP"	
640	353243-0001	-		3	EXTENDED WITHOUT INSERT, PG9	
645	353243-0002	-		1	EXTENDED WITHOUT INSERT, PG11	
650	353243-0003	-		3	EXTENDED WITHOUT INSERT, PG11	
660	353249-0009	-		2	INSERT, SINGEL HOLE, EK 152/9	
670	353249-0011	-		3	INSERT, SINGEL HOLE, EK 153/11	
675	353249-0036	-		1	INSERT, MULTI HOLE, EK152 M 2X4	
695	315105-0146	-		6	BRICKA BRB5,3X10RFR	
700	353249-0008	-		1	INSERT, SINGEL HOLE, EK 152/7	
710	90097-0017	-		2	FLAT PIN PLUG 6,3MM	
B1163	90274-0088	A		1	PRESSURE GUARD, 1,5 KPA	
S1003	90064-0084	A		1	PUSH BUTTON, YELLOW	
S1802	90064-0124	A		1	SWITCH, EM. STOP, ZB2-BS844+ZB2-BZ1045	
W1003	351150-0425	-	M	5	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W1004	351150-0425	-	M	5	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W1006	351150-0407	-	M	4	CABLE OLFLEX 12X0,75 MM2 LIGHT/GREY	
W1011	351150-0405	-	M	2	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W1027	351150-0403	-	M		CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1028	351150-0403	-	M	2	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1029	351150-0404	-	M	2	CABLE OLFLEX 4X0,75 MM2 LIGHT/GREY	
W1030	351150-0403	-	M	2	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1031	351150-0403	-	M	2	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1044	351150-0405	-	M	1	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W1045	351150-0405	-	M		CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W1046	351150-0405	-	M	2	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W1048	351150-0405	-	M	1	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W1052	90220-0072	-	M	2	SCR. CABLE 4X0,34MM2	
W1058	351150-0403	-	M	1	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W1065	351150-0403	-	M	1	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W2028	90220-0162	-	M	7	SCR. CABLE 10X0,25MM2	
W2030	351150-0412	-	M	4	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	

Machine Type | Group Description | Used-In | Group Number | Page No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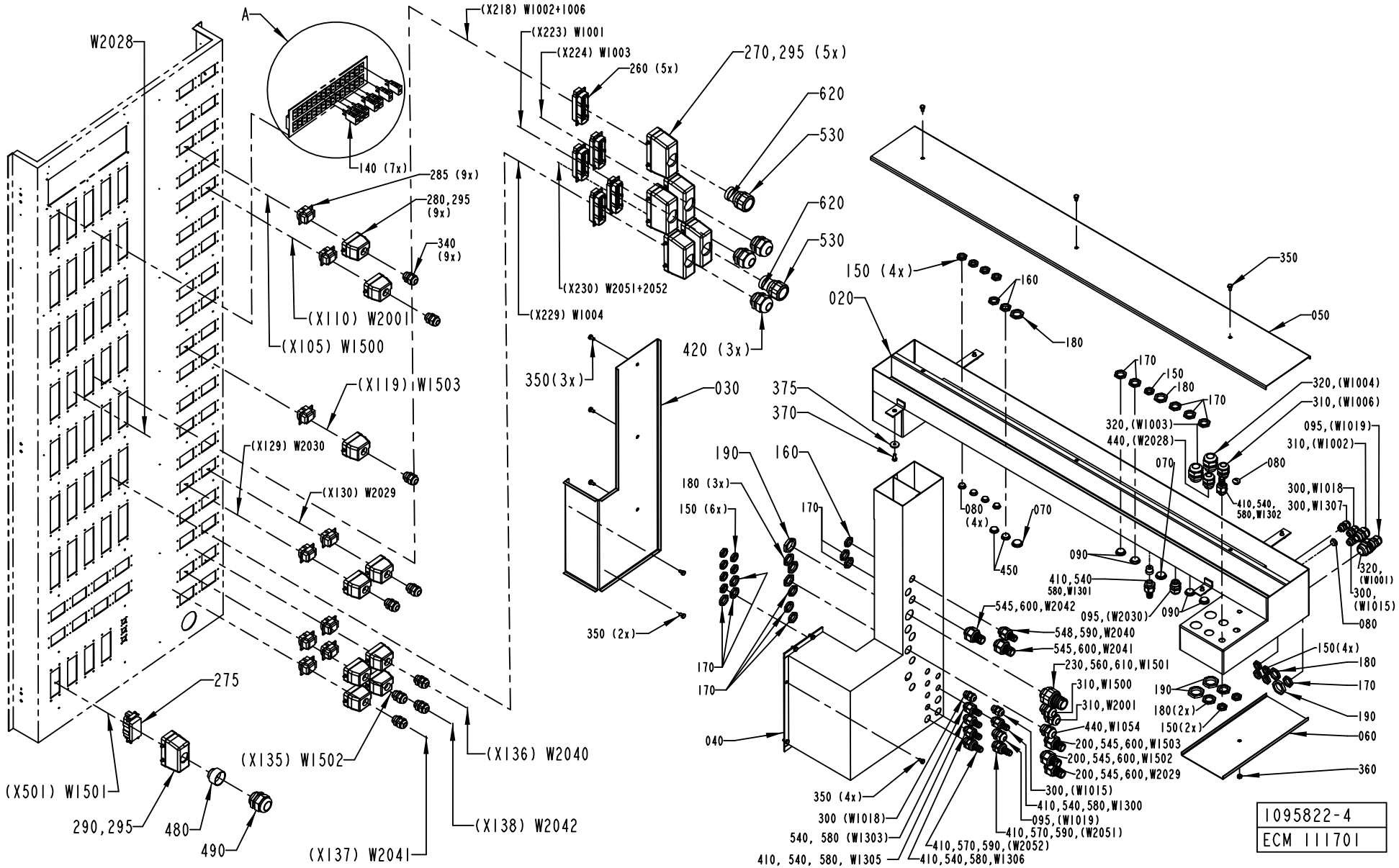
ECM: 72703 - 19990723
Group number: 1095878-0300
Assembly Drawing: 1095878-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
CIPSUPERV						
020	90152-0050	-	M	7	SPIRAL CONDUIT, 20X13, UL 1313	
040	353243-0003	-		3	EXTENDED WITHOUT INSERT, PG11	
050	353249-0011	-		3	INSERT, SINGEL HOLE, EK 153/11	
W1051	351150-0403	-	M	1	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W2031	351150-0412	-	MM	1800	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
NOCIPSUPERV						
030	90002-0009	-		3	BLANK-OFF PLUG, PR 18.6 SKINDICHT-BLK11	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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(X218) W1002+1006
(X223) W1001
(X224) W1003
260 (5x)
270,295 (5x)
620
530
620
530
140 (7x)
285 (9x)
280,295 (9x)
340 (9x)
(X110) W2001
(X105) W1500
(X230) W2051+2052
(X229) W1004
420 (3x)
350(3x)
030
(X119) W1503
(X129) W2030
(X130) W2029
350 (2x)
275
(X501) W1501
290,295
480
490
(X135) W1502
(X136) W2040
(X137) W2041
(X138) W2042
150 (4x)
160
180
020
350
050
170
150
180
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320,(W1004)
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320,(W1003)
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410,540, 580,W1302
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300,W1307
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180 (3x)
150 (6x)
170
375
370
080 (4x)
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090
410,540 580,W1301
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300, (W1015)
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548,590,W2040
545,600,W2041
230,560,610,W1501
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095,(W1019)
410,570,590,(W2051)
410,570,590,(W2052)
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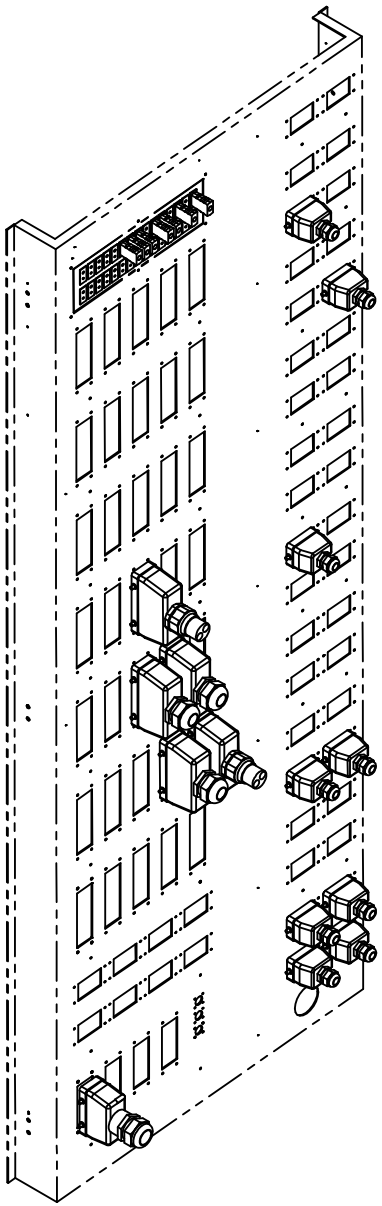
300 (W1018)
350 (4x)
040
170
170
150(4x)
180
170
190
190
180(2x)
150(2x)
190
060
360
1095822-4
ECM 111701

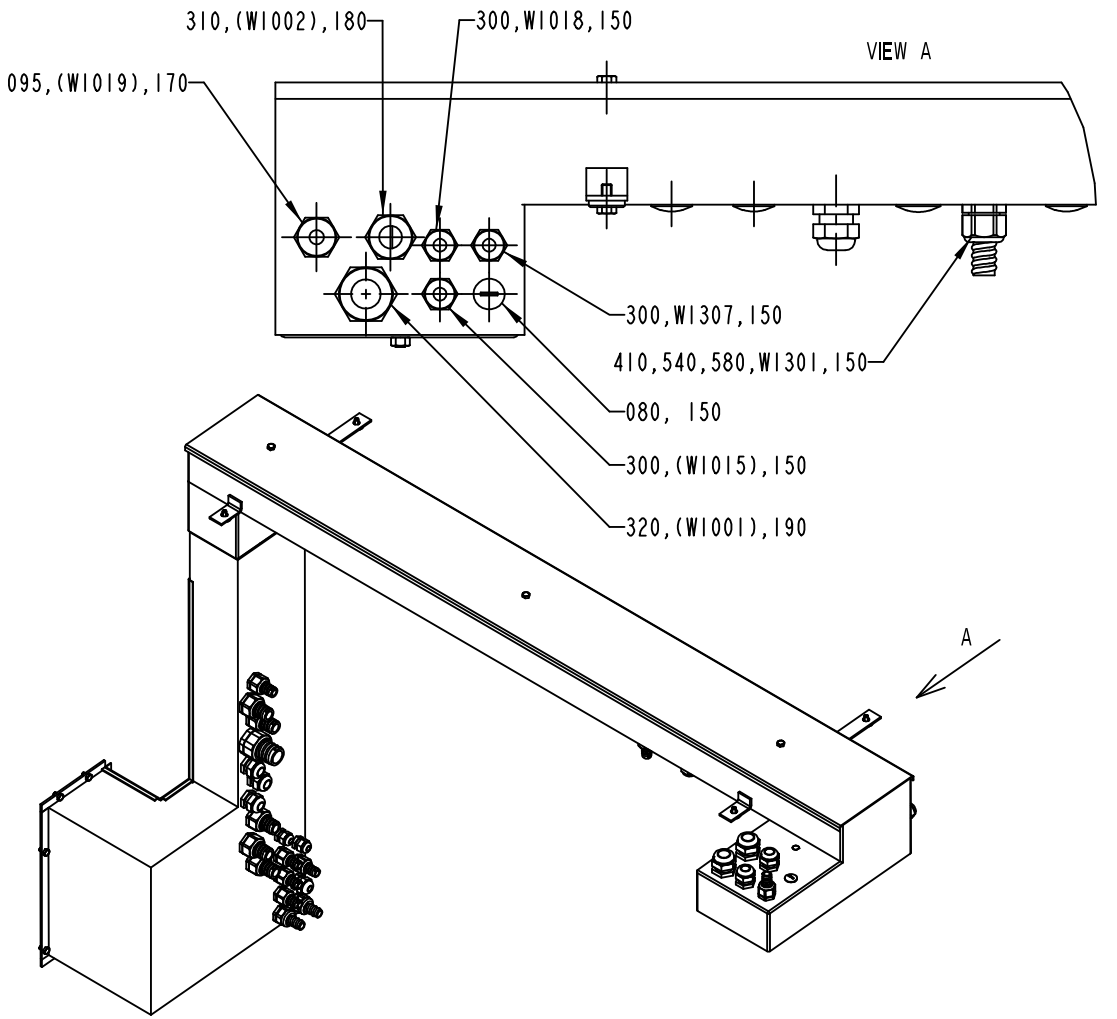
ECM: 112758 - 20021216
Group number: 1095822-0300
Assembly Drawing: 1095822-4_1_AC

This list covers pages from 232 to 235

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1255887-0000	-		1	CABLE DUCT	
030	1129368-0000	-		1	LID	
040	1129367-0000	-		1	CABLE DUCT	
050	1129372-0000	-		1	LID	
060	1129373-0000	-		1	LID	
070	90002-0004	-		2	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
080	90002-0013	-		6	BLANK-OFF PLUG, PR 15,2 SKINDICHT-BLK9	
090	90002-0016	-		4	BLANK-OFF PLUG PR 20.4 SKINDICHT-BLK13,5	
095	90012-0049	-		3	CABLE GLAND, STR13,5, PR20,4/PG13,5	
140	90326-0022	-		8	PLUG, MALE YELLOW CR-AL	
150	90099-0104	-		17	NUT, PR 15,2 (PG9)	
160	90099-0117	-		3	NUT, PR 18,6 (PG11)	
170	90099-0118	-		14	NUT, PR 20,4 (PG13,5)	
180	90099-0110	-		8	NUT, PR 22,5 (PG16)	
190	90099-0119	-		4	NUT, PR 28,3 (PG21)	
200	90152-0051	-	MM	6600	SPIRAL CONDUIT, 25X18, UL 1816	
230	90152-0070	-	MM	1100	METAL HOSE, 32,5X26, UL 2621	
260	90110-0150	-		5	MALE INSERT 121110 0000	
270	90110-0152	-		5	CABLE HOOD 24-POL 70.352.2428.1	
275	90110-0156	-		1	MALE INSERT 70.210.0653.0	
280	90110-0157	-		9	CABLE HOOD 6-POL 70.352.0628.1	
285	90110-0159	-		9	MALE INSERT 70.310.0640.0	
290	90110-0160	-		1	CABLE HOOD 6-16-POL 70.352.1628.1	
295	90110-0385	-		2	HOLDER	
300	352103-0101	-		5	CABLE GLAND, ST 9, PR15,2/PG9	
310	352103-0111	-		4	CABLE GLAND, ST 16, PR22,5/PG16	
320	352103-0116	-		3	CABLE GLAND, ST 21, PR28,3/PG21	
340	352103-0108	-		9	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
350	312105-0364	-		12	SCREW M6S ISO 4017 M6X10 A480	
360	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
370	312105-0367	-		4	SCREW M6S M6X14 A280	
375	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
410	90152-0050	-	MM	9700	SPIRAL CONDUIT, 20X13, UL 1313	
420	352103-0120	-		3	CABLE GLAND, STR 29, PR37,0/PG29	
440	352103-0110	-		2	CABLE GLAND, STR 16, PR22,5/PG16	
450	90002-0009	-		2	BLANK-OFF PLUG, PR 18.6 SKINDICHT-BLK11	
480	90089-0015	-		1	REDUCING SLEEVE, PR37M/PR28,3F	
490	352103-0121	-		1	CABLE GLAND, ST 29, PR37,0/PG29	
510	359005-0050	-		3	MARKING LABEL KIT X, 04.841.4550.0	
520	359005-0010	-		18	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
530	353240-0006	-		2	FöRSKRUVNING PG 29	
540	353243-0001	-		6	EXTENDED WITHOUT INSERT, PG9	
545	353243-0004	-		5	EXTENDED WITHOUT INSERT, PG13,5	
548	353243-0003	-		1	EXTENDED WITHOUT INSERT, PG11	
560	353243-0007	-		1	EXTENDED WITHOUT INSERT, PG21	
570	353243-0009	-		2	EXTENDED WITHOUT INSERT, PG13,5	
580	353249-0008	-		6	INSERT, SINGEL HOLE, EK 152/7	
590	353249-0011	-		3	INSERT, SINGEL HOLE, EK 153/11	
600	353249-0014	-		5	INSERT, SINGEL HOLE, EK 154/16	
610	353249-0061	-		1	INSERT, SINGEL HOLE, EK 155/20	
620	353249-0060	-		2	INSERT, MULTI HOLE, E155M2X13	
W1054	548770-0001	A		1	COAXIAL CABLE L=5000MM	
W1300	90220-0034	-	MM	5500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1301	90220-0034	-	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1302	90220-0034	-	MM	7000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1305	90220-0034	-	MM	4500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1306	90220-0034	-	MM	5000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1307	90220-0034	-	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1500	351150-0418	-	MM	5000	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W1501	351120-0168	-	MM	4000	CABLE SIHF 4X10MM2 GREEN/YELLOW	
W1502	351120-0164	-	MM	3500	CABLE SIHF 4X1,5MM2 GREEN/YELLOW	
W1503	351120-0164	-	MM	3500	CABLE SIHF 4X1,5MM2 GREEN/YELLOW	
W2001	351150-0418	-	MM	4000	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W2029	90220-0104	-	MM	5200	SCR. CABLE 4X1,5MM2	

Machine Type | Group Description | Used-In | Group Number | Page No





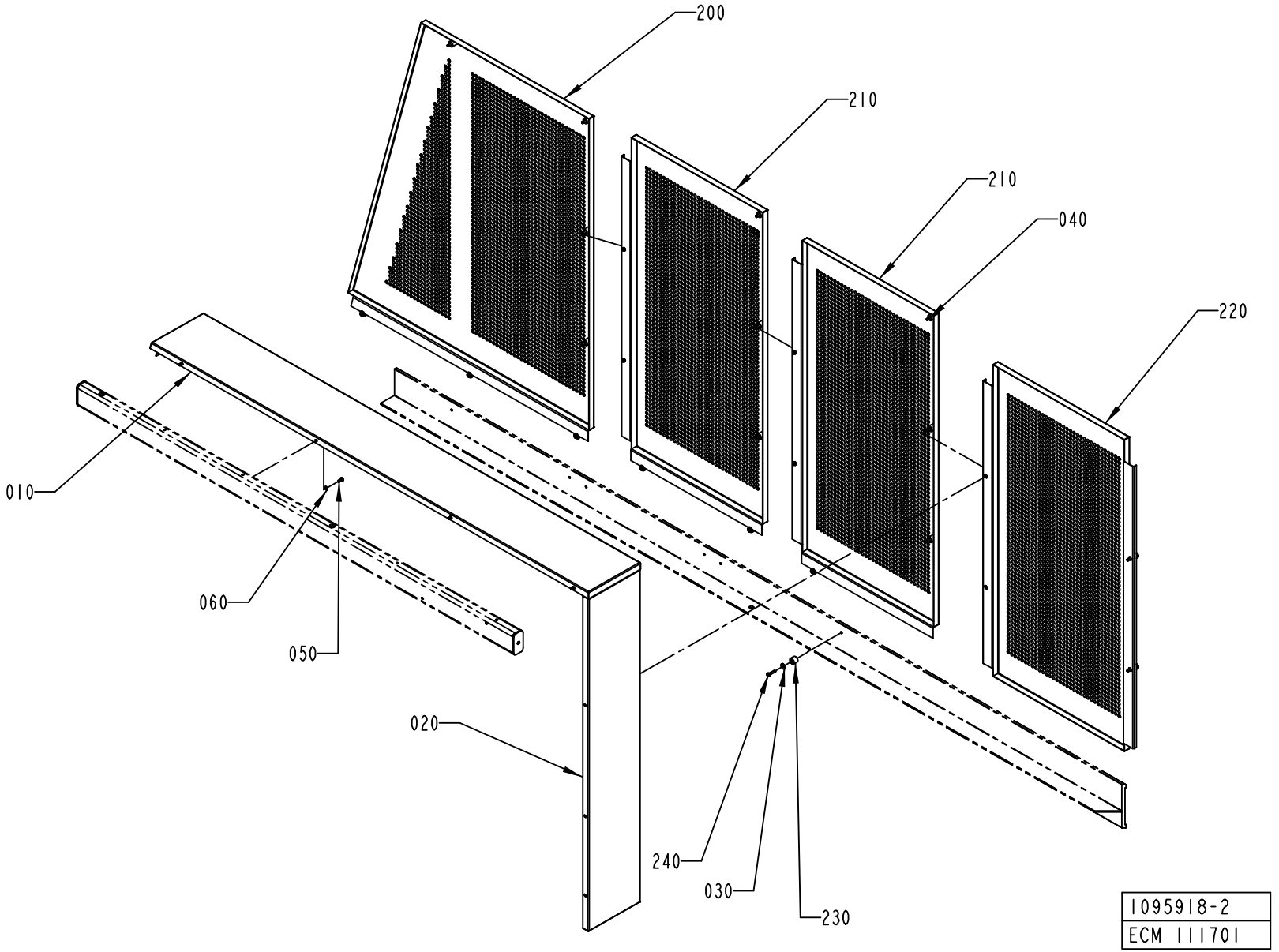
1095822-4
ECM 111701

ECM: 112758 - 20021216
Group number: 1095822-0300
Assembly Drawing: 1095822-4_2_AC

This list covers pages from 232 to 235

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1255887-0000	-		1	CABLE DUCT	
030	1129368-0000	-		1	LID	
040	1129367-0000	-		1	CABLE DUCT	
050	1129372-0000	-		1	LID	
060	1129373-0000	-		1	LID	
070	90002-0004	-		2	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
080	90002-0013	-		6	BLANK-OFF PLUG, PR 15,2 SKINDICHT-BLK9	
090	90002-0016	-		4	BLANK-OFF PLUG PR 20.4 SKINDICHT-BLK13,5	
095	90012-0049	-		3	CABLE GLAND, STR13,5, PR20,4/PG13,5	
140	90326-0022	-		8	PLUG, MALE YELLOW CR-AL	
150	90099-0104	-		17	NUT, PR 15,2 (PG9)	
160	90099-0117	-		3	NUT, PR 18,6 (PG11)	
170	90099-0118	-		14	NUT, PR 20,4 (PG13,5)	
180	90099-0110	-		8	NUT, PR 22,5 (PG16)	
190	90099-0119	-		4	NUT, PR 28,3 (PG21)	
200	90152-0051	-	MM	6600	SPIRAL CONDUIT, 25X18, UL 1816	
230	90152-0070	-	MM	1100	METAL HOSE, 32,5X26, UL 2621	
260	90110-0150	-		5	MALE INSERT 121110 0000	
270	90110-0152	-		5	CABLE HOOD 24-POL 70.352.2428.1	
275	90110-0156	-		1	MALE INSERT 70.210.0653.0	
280	90110-0157	-		9	CABLE HOOD 6-POL 70.352.0628.1	
285	90110-0159	-		9	MALE INSERT 70.310.0640.0	
290	90110-0160	-		1	CABLE HOOD 6-16-POL 70.352.1628.1	
295	90110-0385	-		2	HOLDER	
300	352103-0101	-		5	CABLE GLAND, ST 9, PR15,2/PG9	
310	352103-0111	-		4	CABLE GLAND, ST 16, PR22,5/PG16	
320	352103-0116	-		3	CABLE GLAND, ST 21, PR28,3/PG21	
340	352103-0108	-		9	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
350	312105-0364	-		12	SCREW M6S ISO 4017 M6X10 A480	
360	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
370	312105-0367	-		4	SCREW M6S M6X14 A280	
375	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
410	90152-0050	-	MM	9700	SPIRAL CONDUIT, 20X13, UL 1313	
420	352103-0120	-		3	CABLE GLAND, STR 29, PR37,0/PG29	
440	352103-0110	-		2	CABLE GLAND, STR 16, PR22,5/PG16	
450	90002-0009	-		2	BLANK-OFF PLUG, PR 18.6 SKINDICHT-BLK11	
480	90089-0015	-		1	REDUCING SLEEVE, PR37M/PR28,3F	
490	352103-0121	-		1	CABLE GLAND, ST 29, PR37,0/PG29	
510	359005-0050	-		3	MARKING LABEL KIT X, 04.841.4550.0	
520	359005-0010	-		18	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
530	353240-0006	-		2	FöRSKRUVNING PG 29	
540	353243-0001	-		6	EXTENDED WITHOUT INSERT, PG9	
545	353243-0004	-		5	EXTENDED WITHOUT INSERT, PG13,5	
548	353243-0003	-		1	EXTENDED WITHOUT INSERT, PG11	
560	353243-0007	-		1	EXTENDED WITHOUT INSERT, PG21	
570	353243-0009	-		2	EXTENDED WITHOUT INSERT, PG13,5	
580	353249-0008	-		6	INSERT, SINGEL HOLE, EK 152/7	
590	353249-0011	-		3	INSERT, SINGEL HOLE, EK 153/11	
600	353249-0014	-		5	INSERT, SINGEL HOLE, EK 154/16	
610	353249-0061	-		1	INSERT, SINGEL HOLE, EK 155/20	
620	353249-0060	-		2	INSERT, MULTI HOLE, E155M2X13	
W1054	548770-0001	A		1	COAXIAL CABLE L=5000MM	
W1300	90220-0034	-	MM	5500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1301	90220-0034	-	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1302	90220-0034	-	MM	7000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1305	90220-0034	-	MM	4500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1306	90220-0034	-	MM	5000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1307	90220-0034	-	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W1500	351150-0418	-	MM	5000	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W1501	351120-0168	-	MM	4000	CABLE SIHF 4X10MM2 GREEN/YELLOW	
W1502	351120-0164	-	MM	3500	CABLE SIHF 4X1,5MM2 GREEN/YELLOW	
W1503	351120-0164	-	MM	3500	CABLE SIHF 4X1,5MM2 GREEN/YELLOW	
W2001	351150-0418	-	MM	4000	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W2029	90220-0104	-	MM	5200	SCR. CABLE 4X1,5MM2	

Machine Type | Group Description | Used-In | Group Number | Page No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210
210
040
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010
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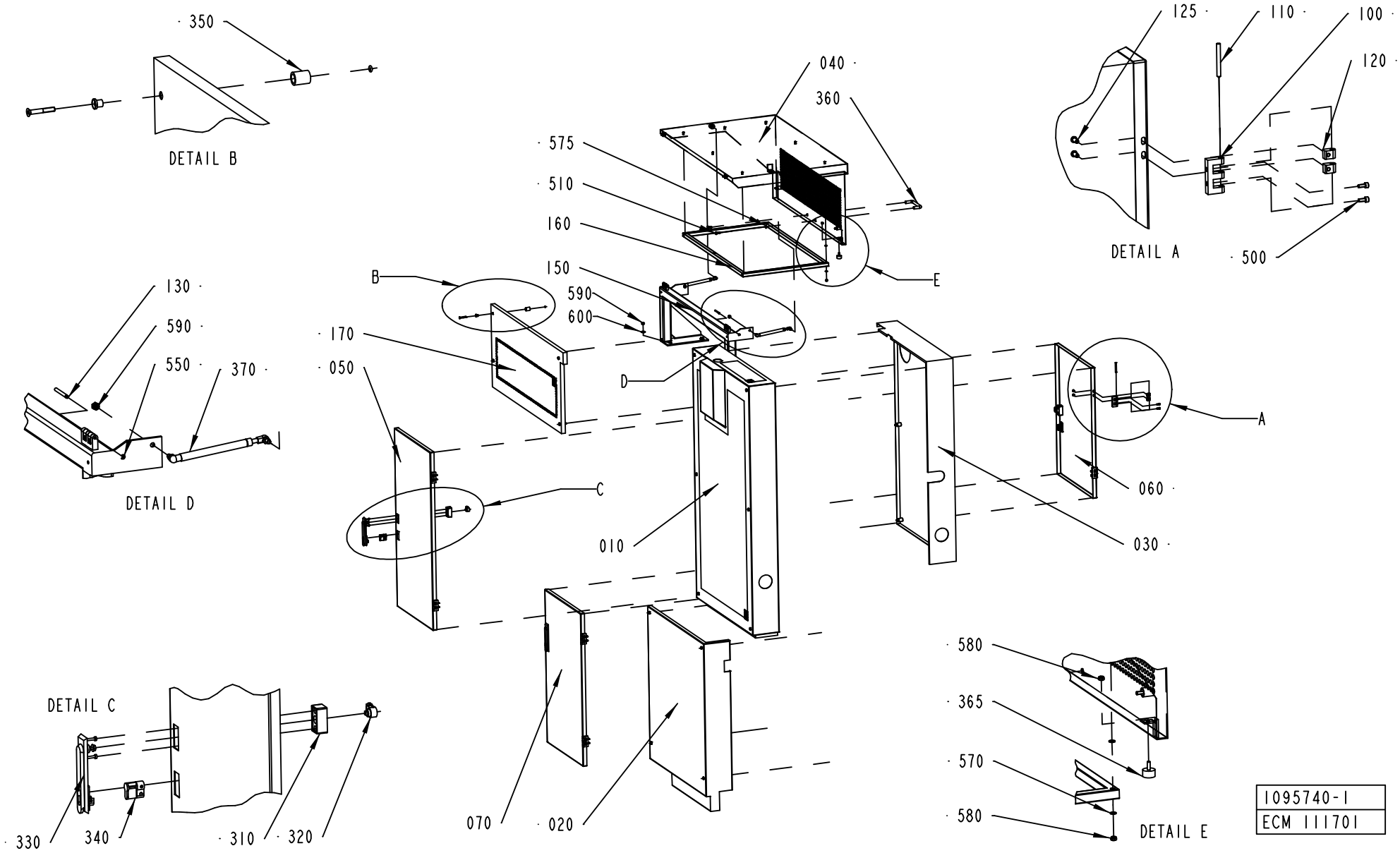
230
1095918-2
ECM 111701

ECM: 112379 - 20021216
Group number: 1095918-0200
Assembly Drawing: 1095918-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037535-0000	-		1	COVERING PLATE	
020	1037548-0000	-		1	COVERING PLATE	
030	90005-0060	-		7	WASHER PLAIN, RBS 6,4/M6)/18,H=1,5	
040	90226-0458	-		12	MOUNTING SCREW	
050	312105-0366	-		7	SCREW M6S M6X12 A280	
060	315105-0153	-		7	WASHER BRB6,4X12RFR	
200	1037502-0000	-		1	COVERING PLATE	
210	1037508-0000	-		2	COVERING PLATE	
220	1037528-0000	-		1	COVERING PLATE	
230	1037552-0000	-		7	SPACER	
240	312105-0372	-		7	SCREW M6S ISO 4017 M6X25 A480	

Pos	Part No	SP	UN	Qty	Description	Page No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110
100
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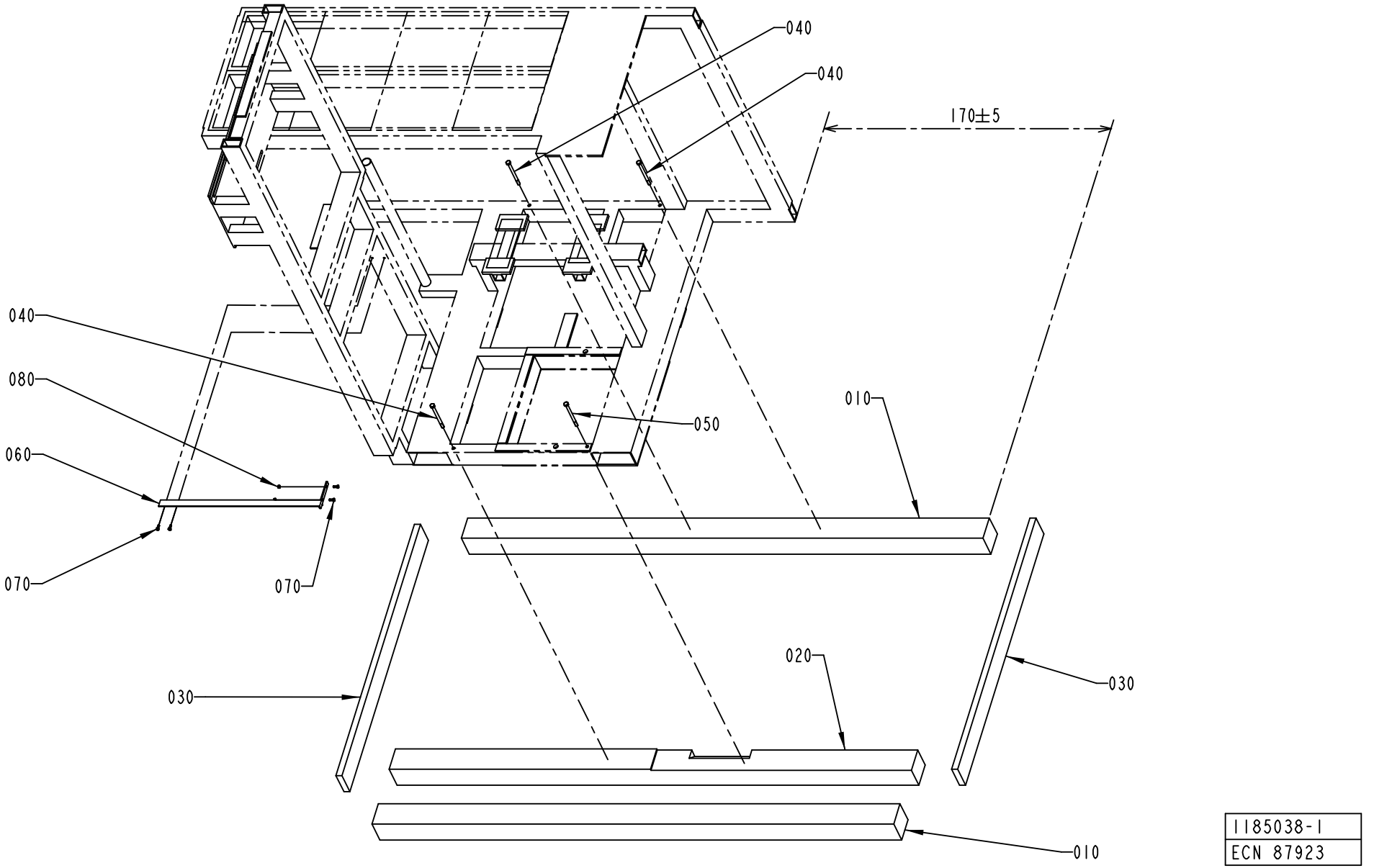
550
370
DETAIL D
170
050
D
A
060
C
010
030
DETAIL C
330
340
310
320
070
020
580
365
570
580
DETAIL E
1095740-1
ECM 111701

ECM: 115110 - 20021216
Group number: 1095740-0200
Assembly Drawing: 1095740-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1490964-0000	-		1	COVER	
020	1038842-0000	-		1	COVERING PLATE	
030	1129037-0000	-		1	COVERING PLATE	
040	1129195-0000	-		1	OPENING	
050	1129198-0000	-		1	DOOR	
060	1129199-0000	-		1	DOOR	
070	1037497-0000	-		1	DOOR	
100	1035792-0000	-		8	E-HINGE	
110	988685-0000	-		6	PIN	
120	1129770-0000	-		16	BLOCKING PIECE	
125	1129767-0000	-		16	SCREW	
130	1036329-0000	-		2	PIN	
150	1129194-0000	-		1	FRAME	
160	1129196-0000	-		1	FRAME	
170	1129197-0000	-		1	OPENING	
310	90237-0154	-		3	LOCK HOUSING, 1121-U60-0C	
320	90237-0165	-		3	LATCH	
330	90237-0175	-		3	TURNING HANDLE	
340	90237-0128	-		3	LOCK CYLINDER, 1109-U3	
350	90226-0458	-		24	MOUNTING SCREW	
360	90017-0016	-		1	HANDLE, NO. 14.4012.02.120	
365	90347-0034	-		2	VIBRATION DAMPER	
370	90347-0127	-		2	DAMPER	
500	312115-0327	-		16	SCREW ISO4762 M5X12 A4	
510	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
550	315755-0106	-		2	LOCKING WASHER 4	
570	315105-0153	-		16	WASHER BRB6,4X12RFR	
575	315105-0165	-		2	WASHER BRB8,4X16RFR	
580	312812-0316	-		10	HEXAGON NUT, NY-LOCK M6 A480	
590	312605-0318	-		3	HEXAGON NUT, M6M M8 A280	
600	315105-0173	-		4	WASHER BRB10,5X22RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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1185038-1
ECN 87923

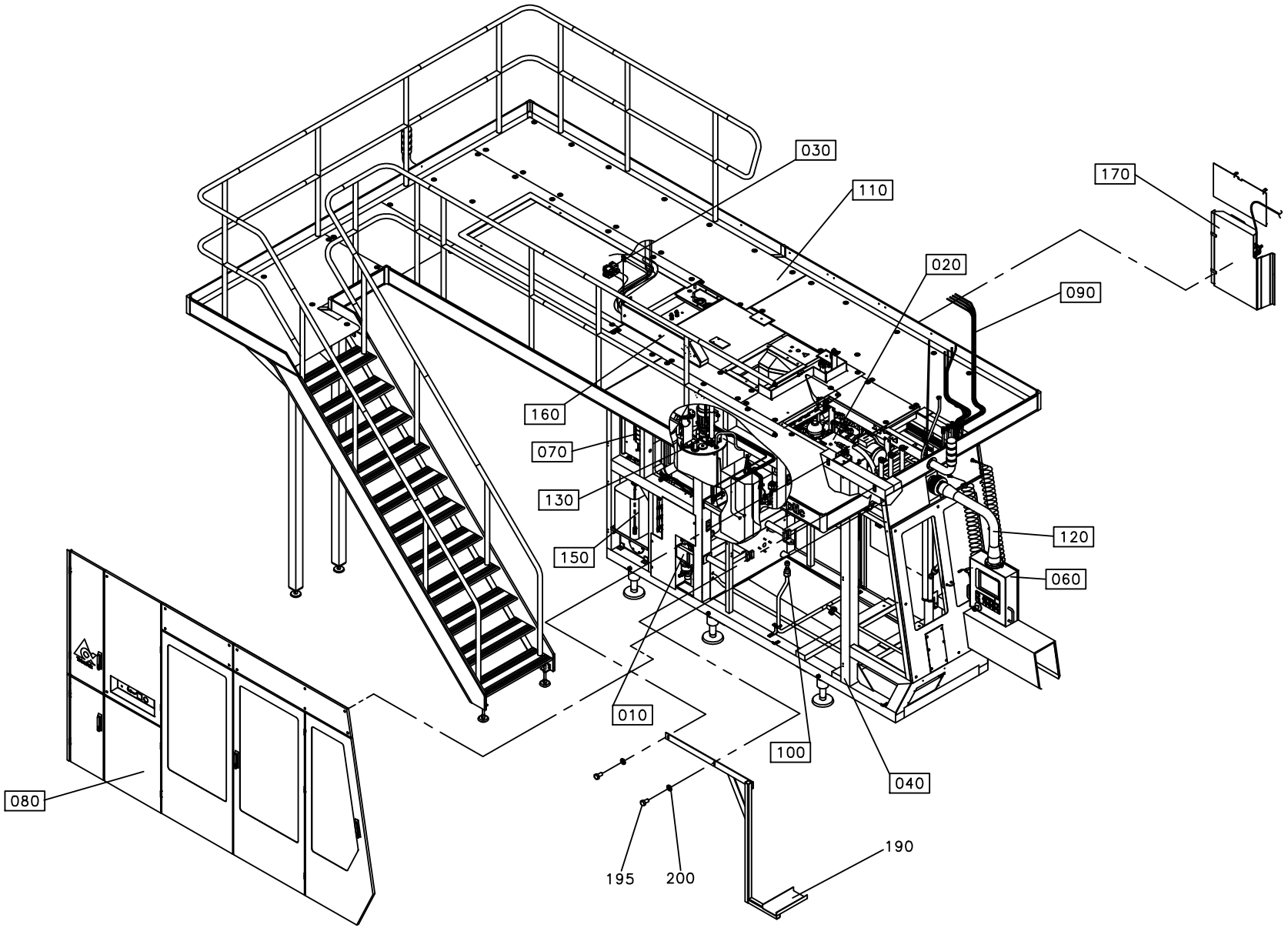
ECM: 89975 - 20010406
Group number: 1185038-0100
Assembly Drawing: 1185038-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1140685-0000	-		2	BEAM	
020	1140684-0000	-		1	BEAM	
030	1140741-0000	-		2	BEAM	
040	312230-0148	-		3	SCREW HEX.HEAD WOOD T6S 10X120 SS	
050	312230-0150	-		1	SCREW HEX.HEAD WOOD T6S 10X160 SS	
060	598092-0000	-		1	BRACKET	
070	312105-0368	-		4	SCREW M6S M6X16 A280	
080	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC
Spare Parts Catalogue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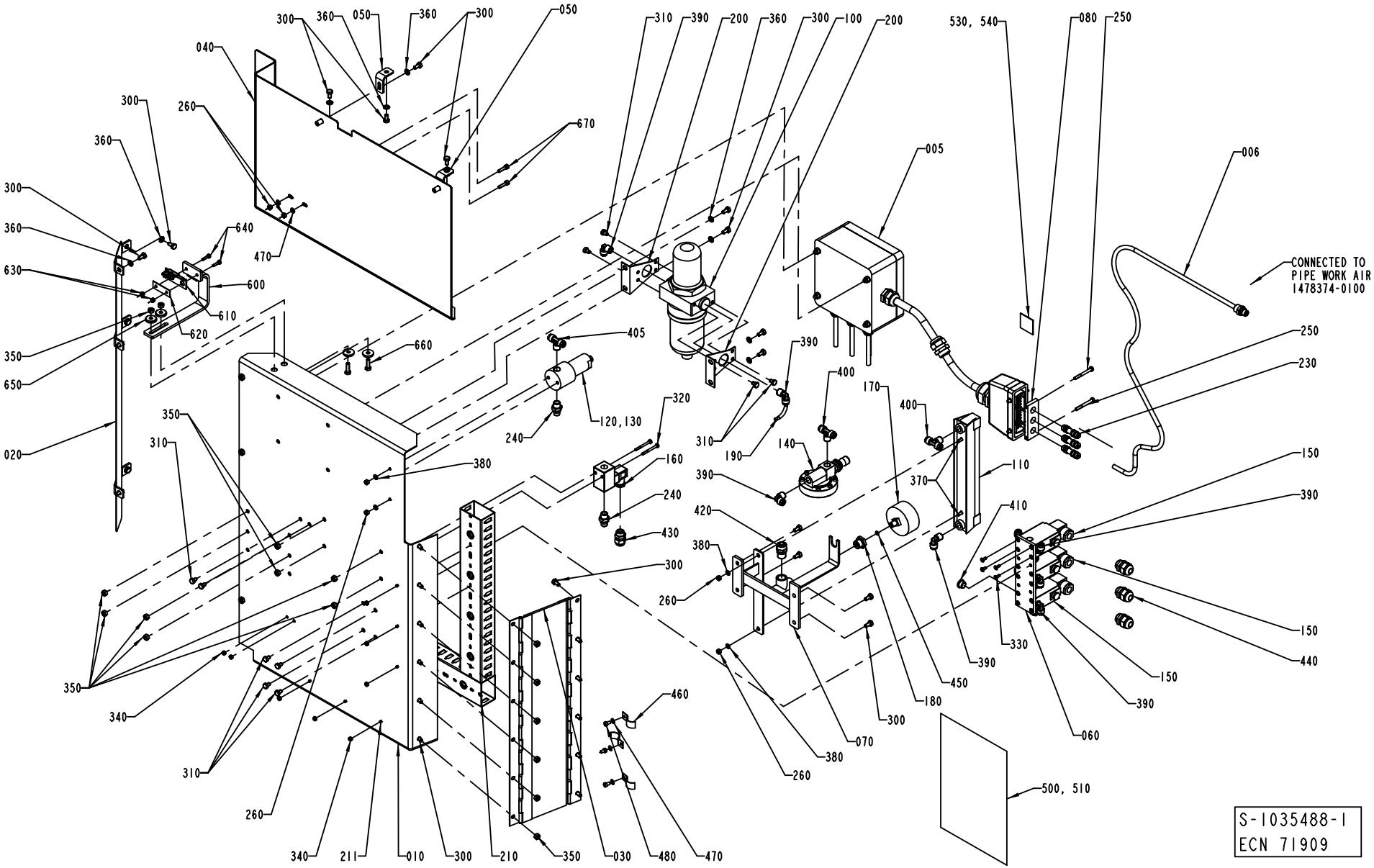
ECM: 107079 - 20030413
Group number: 648502-0600
Assembly Drawing: 648502-6_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
HI						
170	1035488-0100	-		1	CONTROL PANEL	**247, 249**
Common Parts						
010	1255273-0200	-		1	LUBRICATING SYSTEM	**255**
020	1255133-0300	-		1	HYDRAULIC SYSTEM	**261**
030	1095856-0400	-		1	ELECTRICAL SUPPLY	**277**
040	1095843-0300	-		1	MACHINE BODY	**305, 307, 309**
060	1364345-0300	-		1	TPOP PANEL 12"	**319**
070	1095691-0300	-		1	PNEUMATIC SYSTEM	**321**
080	1095729-0400	-		1	DOORS AND COVERS	**337**
090	1095846-0400	-		1	PIPE WORK	**373**
100	1095837-0300	-		1	EXT. CLEANING PIPEWORK	**383**
110	1524871-0100	-		1	PLATFORM	**389, 391**
120	1095863-0200	-		1	PIVOT ARM	**407**
130	1095831-0400	-		1	HYDROGEN PEROXIDE	**411**
150	1095794-0200	-		1	CHEMICALS UNIT	**429**
160	1095876-0100	-		1	CABLE DUCT	**431**
195	312109-0501	-		2	SCREW M6S ISO 4017 M10X50 A480	
200	90062-0032	-		2	WASHER LOCK 10,2X 16,1, T= 2,5 DIN 798	

Pos	Part No	SP	UN	Qty	Description	Page No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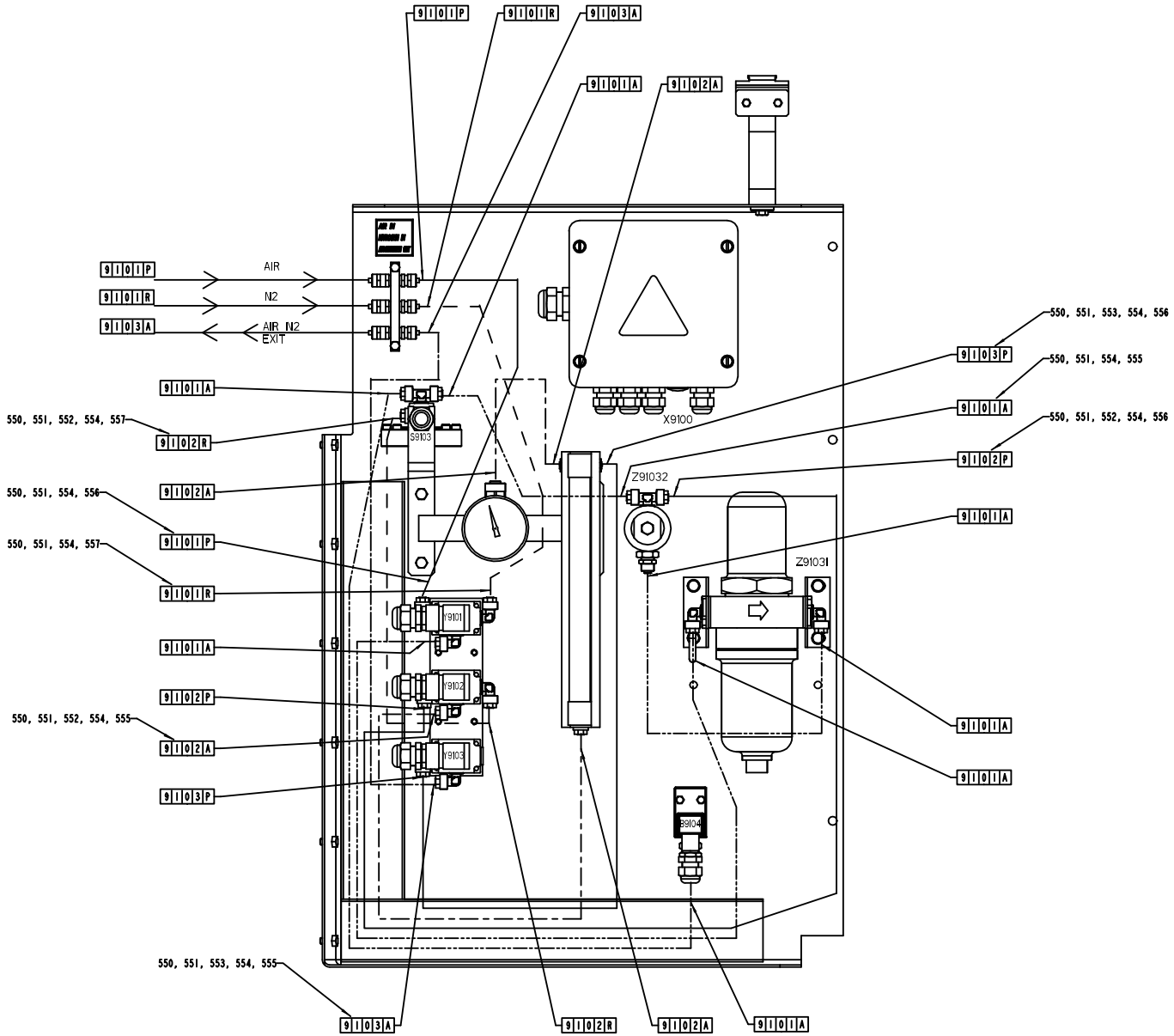
S-1035488-1
ECN 71909

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B						
140	90113-0054	A		1	REGULATOR	
TBA 0500S, TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S						
140	90113-0058	A		1	REDUCTION VALVE	
Common Parts						
005	1035298-0100	-		1	CONNECTION BOX	**251**
006	1035305-0100	-		1	N2 PANEL SUPPLY	**253**
010	1037711-0000	-		1	SUPPORT	
020	1511331-0000	-		1	TOUCH GUARD	
030	1037395-0000	-		1	HINGE	
040	1348787-0000	-		1	PROTECTION PLATE	
050	1129947-0000	-		2	HOLDER	
060	1129970-0000	-		1	FASTENING PLATE	
070	1129948-0000	-		1	HOLDER	
080	1254481-0000	-		1	HOLDER	
100	90277-0104	A		1	FILTER F64B-2GN-ARO	
	90113-0457	*-*		*1*	*FILTER ELEMENTS*	
	90113-0458	*-*		*1*	*FILTER ELEMENTS*	
110	90243-0152	A		1	FLOW METER	
	90243-0153	*C*		*1*	*MEASURING CYLINDER*	
	90243-0154	*C*		*1*	*FLOAT*	
120	90277-0323	A		1	FILTER HOUSING / ART.NO 95S6-1/4 S 5430	
130	90277-0324	A		1	FILTER CARTRIDGE 050-11-A	
150	90042-0171	A		3	SOLENOID VALVE BUERKERT	
	90042-0466	*C*		*1*	*DIAPHRAGM 330.95.2 VITON*	
160	90274-0110	A		1	PRESSURE SWITCH, 50 - 1000 KPA	
170	90043-0006	A		1	PRESSURE GAUGE, 2041 D=63 MM	
180	926011-0000	-		1	REDUCTION	
190	90166-0013	-	M	6	TUBE 8 MM PA BLUE	
200	90236-0041	-		1	BRACKET	
210	1347691-0000	-		2	CABLE DUCT	
211	90287-0169	-		6	SCREW	
230	342960-0122	-		3	BULKHEAD COUPLING 8/6	
240	342921-0122	-		2	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/4"	
250	312105-0340	-		2	SCREW M6S ISO 4014 M5X45 A480	
260	312605-0314	-		6	HEXAGON NUT, M6M M5 A280	
300	312105-0368	-		32	SCREW M6S M6X16 A280	
310	312105-0362	-		10	SCREW M6S ISO 4017 M6X8 A480	
320	312105-0303	-		2	SCREW M6S ISO 4017 M4X40 A480	
330	312155-0289	-		4	SCREW EN 10642 MF6S M4X10 A480	
340	312605-0312	-		8	HEXAGON NUT, M6M M4 A280	
350	312605-0316	-		16	HEXAGON NUT, M6M M6 A280	
360	315105-0153	-		16	WASHER BRB6,4X12RFR	
370	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
380	315105-0146	-		6	BRICKA BRB5,3X10RFR	
390	342930-0122	-		12	ELBOW 90 COUPL.,EXT.THREAD 8/6-R1/4"	
400	342940-0122	-		3	T-COUPLING,EXT.THREAD 8/6-R1/4"	
405	342940-0114	-		1	T-COUPLING,EXT.THREAD 6/4-R1/4"	
410	342713-0210	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-140	
420	342920-0123	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-R3/8"	
430	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
440	352103-0106	-		3	CABLE GLAND, ST 11, PR18,6/PG11	
450	315239-0101	-		1	NYLON WASHER M5	
460	90074-0001	-		3	CABLE CLIPS, D=10 MM	
470	315105-0146	-		5	BRICKA BRB5,3X10RFR	
480	312125-0323	-		3	SCREW PAN HEAD MCS M5X8 SS	
500	2640785-0000	-		1	PNEUMATIC DIAGRAM	
510	2640784-0000	-		1	DIAGRAM FOR HI TBA/21	
530	1347703-0000	A		1	SIGN BOARD	
540	90153-0049	-		1	ADHESIVE, LOCTITE 409 20G	
550	359000-0400	-		24	MARKING CO2/4"0"	
551	359000-0401	-		36	MARKING COLLAR 2/4 "1" YELLOW	
552	359000-0402	-		8	MARKING COLLAR 2/4 "2" YELLOW	
553	359000-0403	-		4	MARKING COLLAR PA2/4 "3" YELLOW	
554	359000-0409	-		24	MARKING COLLAR PA2/4 "9" YELLOW	
555	359000-0750	-		14	MARKING CO2/4"A"	
556	359000-0765	-		6	MARKING CO2/4"P"	
557	359000-0767	-		4	MARKING CO2/4"R"	
600	1037714-0000	-		1	ARM	
610	975917-0000	A		1	KEY FOR SAFETY SWITCH 90044-103	
620	1036563-0000	-		1	WASHER	
630	312812-0312	-		2	HEXAGON NUT, NY-LOCK M4 A480	
640	312105-0293	-		2	SCREW M6S ISO 4017 M4X16 A480	
650	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
660	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
670	312115-0331	-		2	SCREW ISO4762 M5X20 A4	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ECM: 135189 - 20030725
Group number: 1035488-0100
Assembly Drawing: 1035488-1_2_AD

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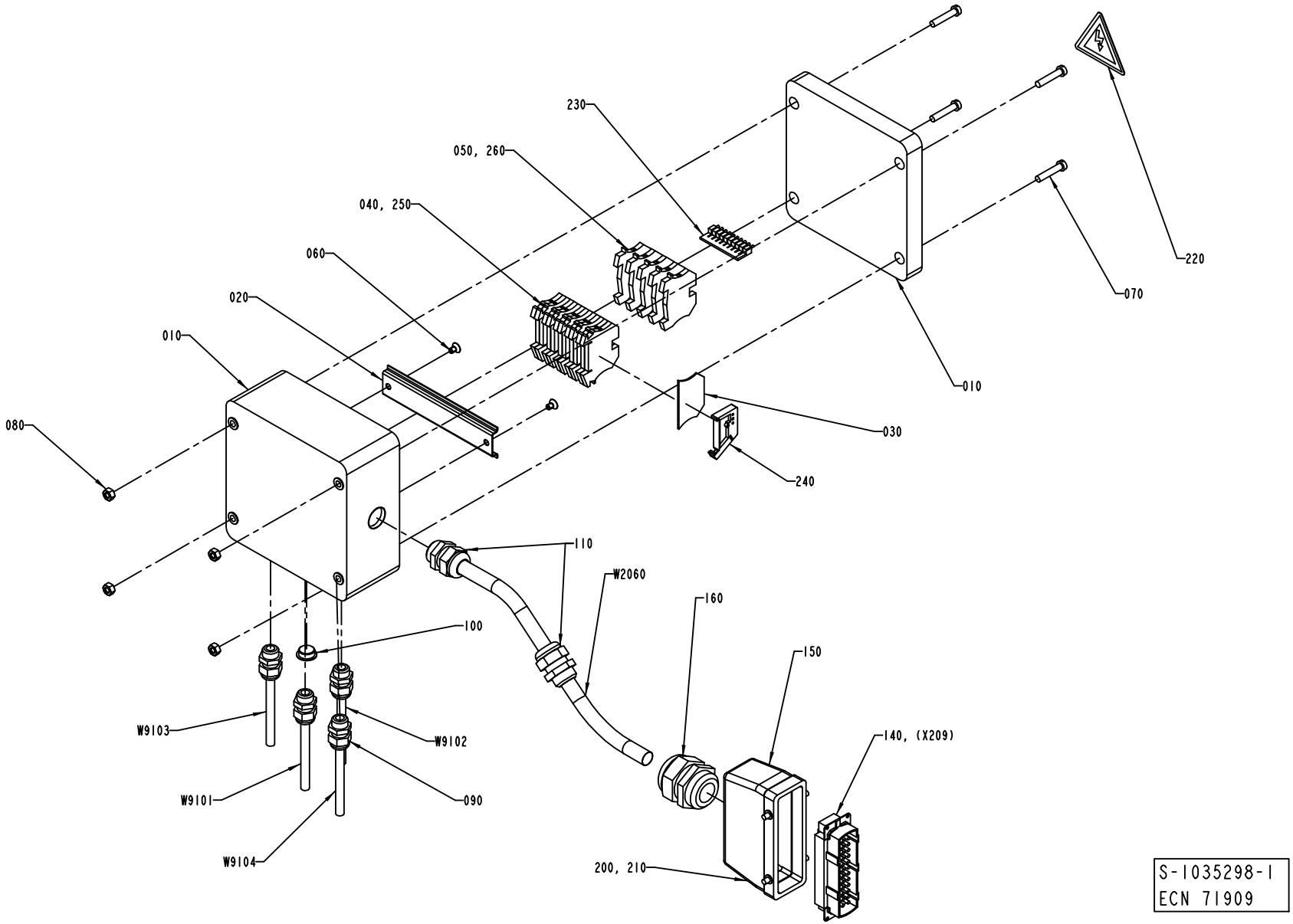
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B						
140	90113-0054	A		1	REGULATOR	
TBA 0500S, TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S						
140	90113-0058	A		1	REDUCTION VALVE	
Common Parts						
005	1035298-0100	-		1	CONNECTION BOX	**251**
006	1035305-0100	-		1	N2 PANEL SUPPLY	**253**
010	1037711-0000	-		1	SUPPORT	
020	1511331-0000	-		1	TOUCH GUARD	
030	1037395-0000	-		1	HINGE	
040	1348787-0000	-		1	PROTECTION PLATE	
050	1129947-0000	-		2	HOLDER	
060	1129970-0000	-		1	FASTENING PLATE	
070	1129948-0000	-		1	HOLDER	
080	1254481-0000	-		1	HOLDER	
100	90277-0104	A		1	FILTER F64B-2GN-ARO	
	90113-0457	*-*		*1*	*FILTER ELEMENTS*	
	90113-0458	*-*		*1*	*FILTER ELEMENTS*	
110	90243-0152	A		1	FLOW METER	
	90243-0153	*C*		*1*	*MEASURING CYLINDER*	
	90243-0154	*C*		*1*	*FLOAT*	
120	90277-0323	A		1	FILTER HOUSING / ART.NO 95S6-1/4 S 5430	
130	90277-0324	A		1	FILTER CARTRIDGE 050-11-A	
150	90042-0171	A		3	SOLENOID VALVE BUERKERT	
	90042-0466	*C*		*1*	*DIAPHRAGM 330.95.2 VITON*	
160	90274-0110	A		1	PRESSURE SWITCH, 50 - 1000 KPA	
170	90043-0006	A		1	PRESSURE GAUGE, 2041 D=63 MM	
180	926011-0000	-		1	REDUCTION	
190	90166-0013	-	M	6	TUBE 8 MM PA BLUE	
200	90236-0041	-		1	BRACKET	
210	1347691-0000	-		2	CABLE DUCT	
211	90287-0169	-		6	SCREW	
230	342960-0122	-		3	BULKHEAD COUPLING 8/6	
240	342921-0122	-		2	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/4"	
250	312105-0340	-		2	SCREW M6S ISO 4014 M5X45 A480	
260	312605-0314	-		6	HEXAGON NUT, M6M M5 A280	
300	312105-0368	-		32	SCREW M6S M6X16 A280	
310	312105-0362	-		10	SCREW M6S ISO 4017 M6X8 A480	
320	312105-0303	-		2	SCREW M6S ISO 4017 M4X40 A480	
330	312155-0289	-		4	SCREW EN 10642 MF6S M4X10 A480	
340	312605-0312	-		8	HEXAGON NUT, M6M M4 A280	
350	312605-0316	-		16	HEXAGON NUT, M6M M6 A280	
360	315105-0153	-		16	WASHER BRB6,4X12RFR	
370	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
380	315105-0146	-		6	BRICKA BRB5,3X10RFR	
390	342930-0122	-		12	ELBOW 90 COUPL.,EXT.THREAD 8/6-R1/4"	
400	342940-0122	-		3	T-COUPLING,EXT.THREAD 8/6-R1/4"	
405	342940-0114	-		1	T-COUPLING,EXT.THREAD 6/4-R1/4"	
410	342713-0210	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-140	
420	342920-0123	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-R3/8"	
430	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
440	352103-0106	-		3	CABLE GLAND, ST 11, PR18,6/PG11	
450	315239-0101	-		1	NYLON WASHER M5	
460	90074-0001	-		3	CABLE CLIPS, D=10 MM	
470	315105-0146	-		5	BRICKA BRB5,3X10RFR	
480	312125-0323	-		3	SCREW PAN HEAD MCS M5X8 SS	
500	2640785-0000	-		1	PNEUMATIC DIAGRAM	
510	2640784-0000	-		1	DIAGRAM FOR HI TBA/21	
530	1347703-0000	A		1	SIGN BOARD	
540	90153-0049	-		1	ADHESIVE, LOCTITE 409 20G	
550	359000-0400	-		24	MARKING CO2/4"0"	
551	359000-0401	-		36	MARKING COLLAR 2/4 "1" YELLOW	
552	359000-0402	-		8	MARKING COLLAR 2/4 "2" YELLOW	
553	359000-0403	-		4	MARKING COLLAR PA2/4 "3" YELLOW	
554	359000-0409	-		24	MARKING COLLAR PA2/4 "9" YELLOW	
555	359000-0750	-		14	MARKING CO2/4"A"	
556	359000-0765	-		6	MARKING CO2/4"P"	
557	359000-0767	-		4	MARKING CO2/4"R"	
600	1037714-0000	-		1	ARM	
610	975917-0000	A		1	KEY FOR SAFETY SWITCH 90044-103	
620	1036563-0000	-		1	WASHER	
630	312812-0312	-		2	HEXAGON NUT, NY-LOCK M4 A480	
640	312105-0293	-		2	SCREW M6S ISO 4017 M4X16 A480	
650	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
660	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
670	312115-0331	-		2	SCREW ISO4762 M5X20 A4	

Machine Type | Group Description | Used-In | Group Number | Page No

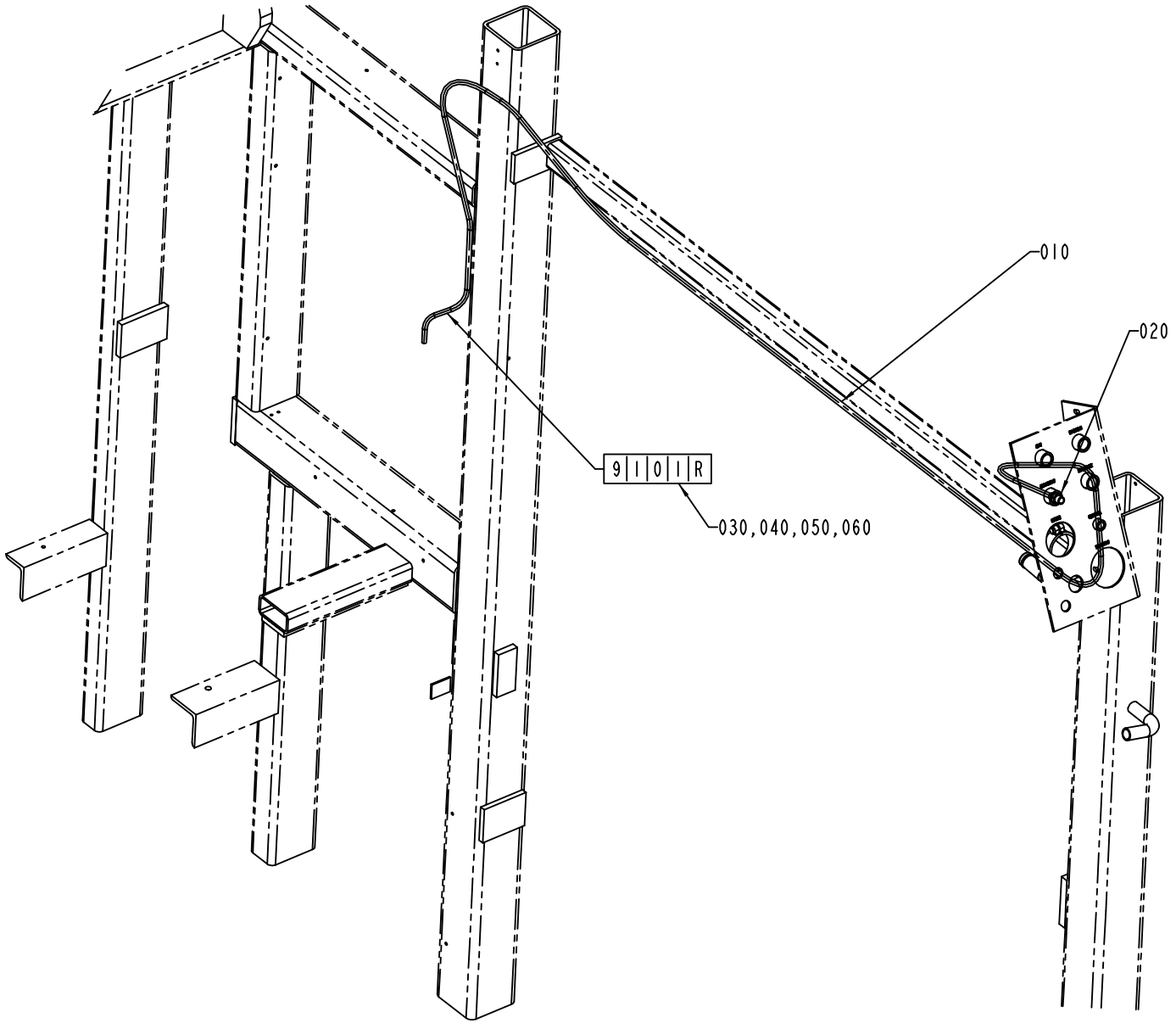


S-1035298-1
ECN 71909

ECM: 71909 - 20000215
Group number: 1035298-0100
Assembly Drawing: 1035298-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
HI						
010	1129946-0000	-		1	CONNECTION BOX	
020	1140311-0000	-		1	RAIL	
030	353032-0005	-		1	END PLATE WAP 2,5-10 BLUE	
040	353021-0216	-		10	FEED THROUGH TERMINAL, 10200.8	
050	353024-0204	-		5	EARTH TERMINAL WPE 2,5	
060	312155-0323	-		2	SCREW EN 10642 MF6S M5X8 A480	
070	312125-0374	-		4	SCREW PAN HEAD MCS M6X30 SS	
080	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
090	352103-0101	-		4	CABLE GLAND, ST 9, PR15,2/PG9	
100	90002-0013	-		1	BLANK-OFF PLUG, PR 15,2 SKINDICHT-BLK9	
110	352103-0111	-		2	CABLE GLAND, ST 16, PR22,5/PG16	
140	90110-0150	-		1	MALE INSERT 121110 0000	
150	90110-0152	-		1	CABLE HOOD 24-POL 70.352.2428.1	
160	352103-0120	-		1	CABLE GLAND, STR 29, PR37,0/PG29	
200	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	
210	359005-0010	-		1	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
220	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
230	353034-0030	-		1	BRIDGE CONNECTOR WQV 2,5/10, 10544.6	
240	353031-0201	-		1	END BRACKET EW35	
250	359011-0809	-		2	MARKING PLATES 5-FW 101-150	
260	359011-0819	-		1	MARKING PLATES 5-GW (EARTH)	
W 2060	351150-0406	-	M	8	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	
W 9101	351150-0403	-	M	1	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W 9102	351150-0403	-	M	1	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W 9103	351150-0403	-	M	1	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W 9104	351150-0403	-	M	1	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

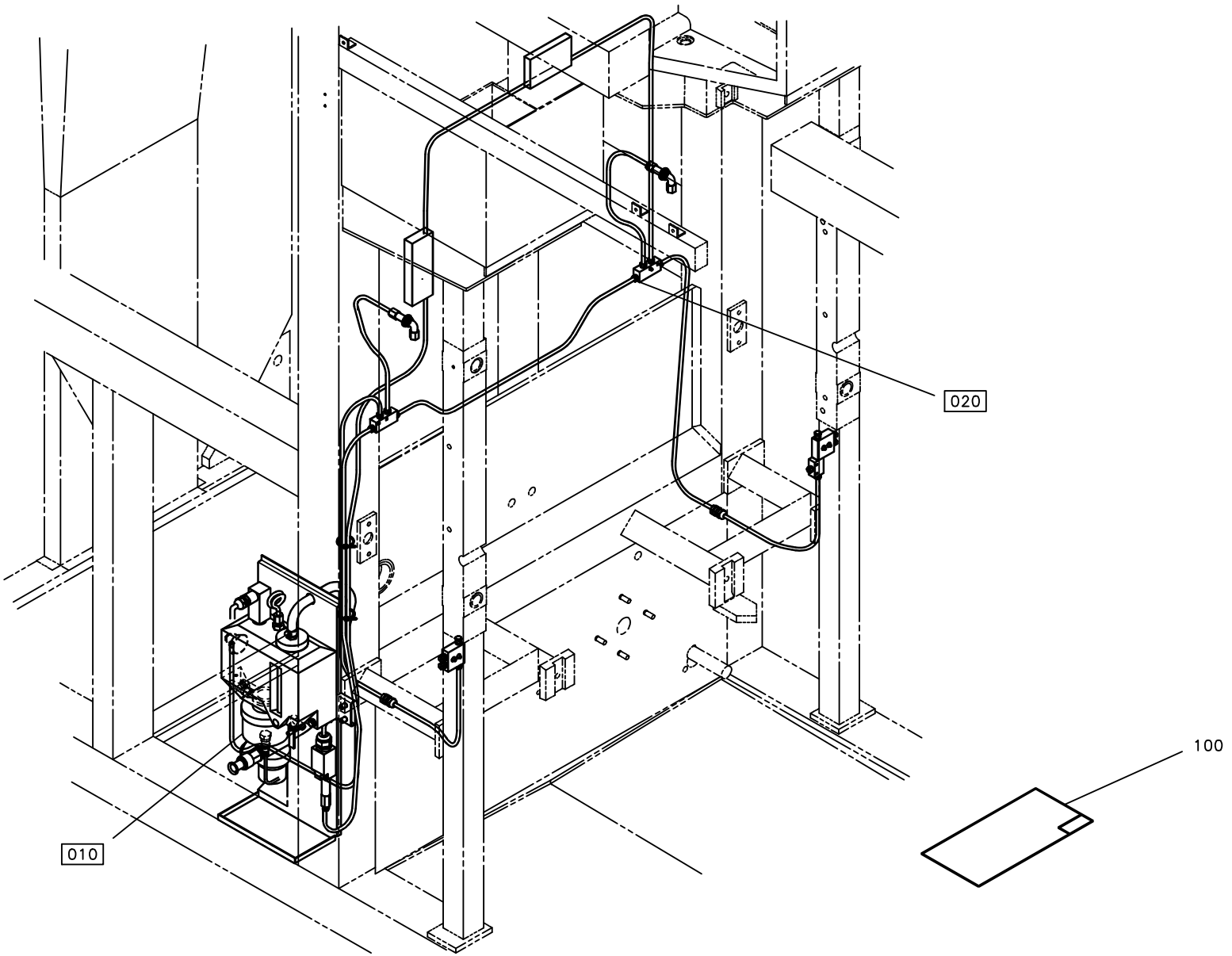


S-1035305-1
ECN 73055

ECM: 73055 - 19991210
Group number: 1035305-0100
Assembly Drawing: 1035305-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90166-0013	-	MM	5000	TUBE 8 MM PA BLUE	
020	342921-0122	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/4"	
030	359000-0400	-		2	MARKING CO2/4"0"	
040	359000-0401	-		4	MARKING COLLAR 2/4 "1" YELLOW	
050	359000-0409	-		2	MARKING COLLAR PA2/4 "9" YELLOW	
060	359000-0767	-		2	MARKING CO2/4"R"	

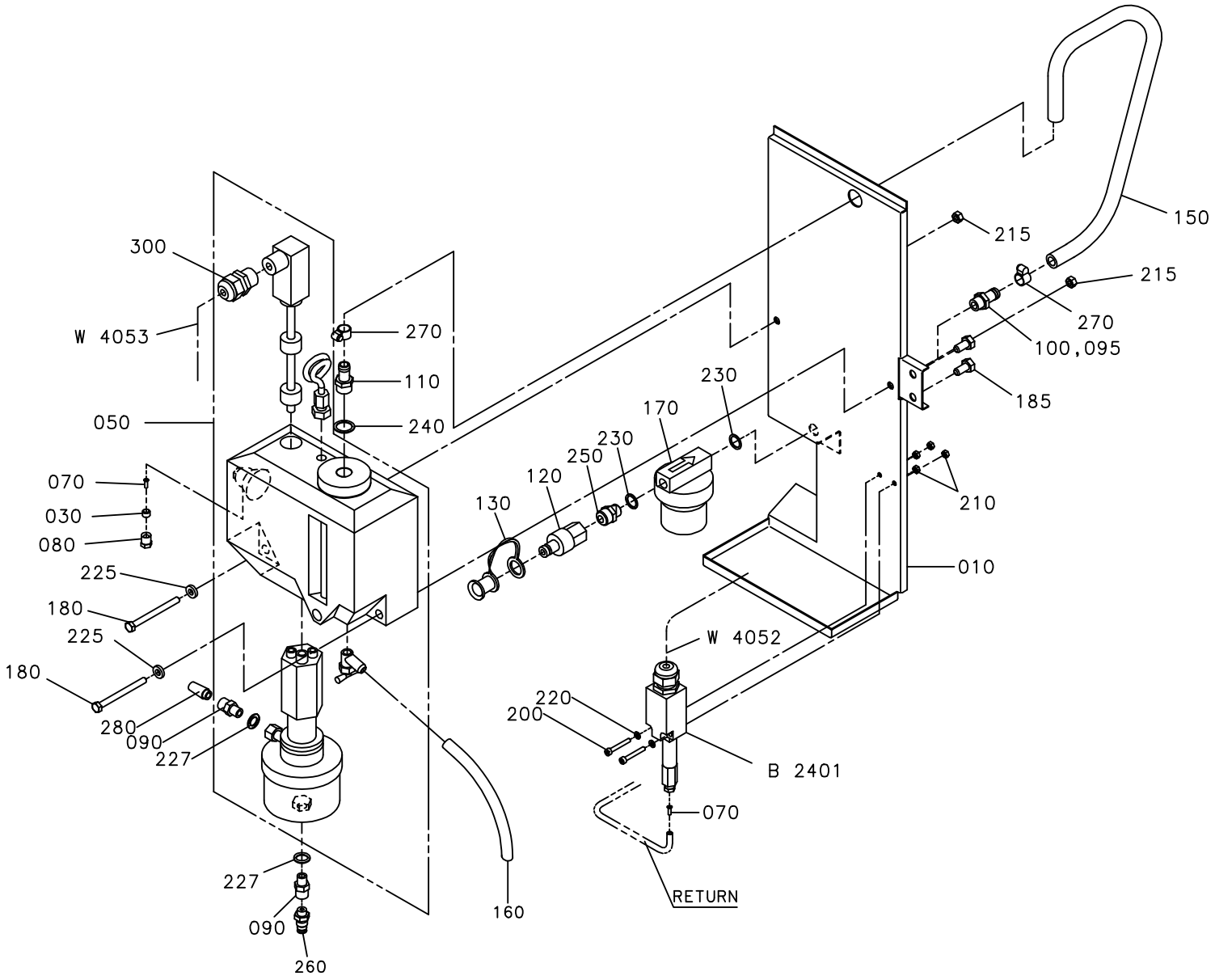
Pos	Part No	SP	UN	Qty	Description	Page No


020
010
100

ECM: 72369 - 19990427
Group number: 1255273-0200
Assembly Drawing: 1255273-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095911-0100	-		1	CENTRAL LUBRICATION	**257**
020	1255274-0200	-		1	CENTR. LUBRIC. HOSE INST.	**259**
100	1255275-0000	-		1	LUBRICATION DIAGRAM	

Pos	Part No	SP	UN	Qty	Description	Page No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W 4053
270
110
240
050
070
030
080
225
180
225
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227
090
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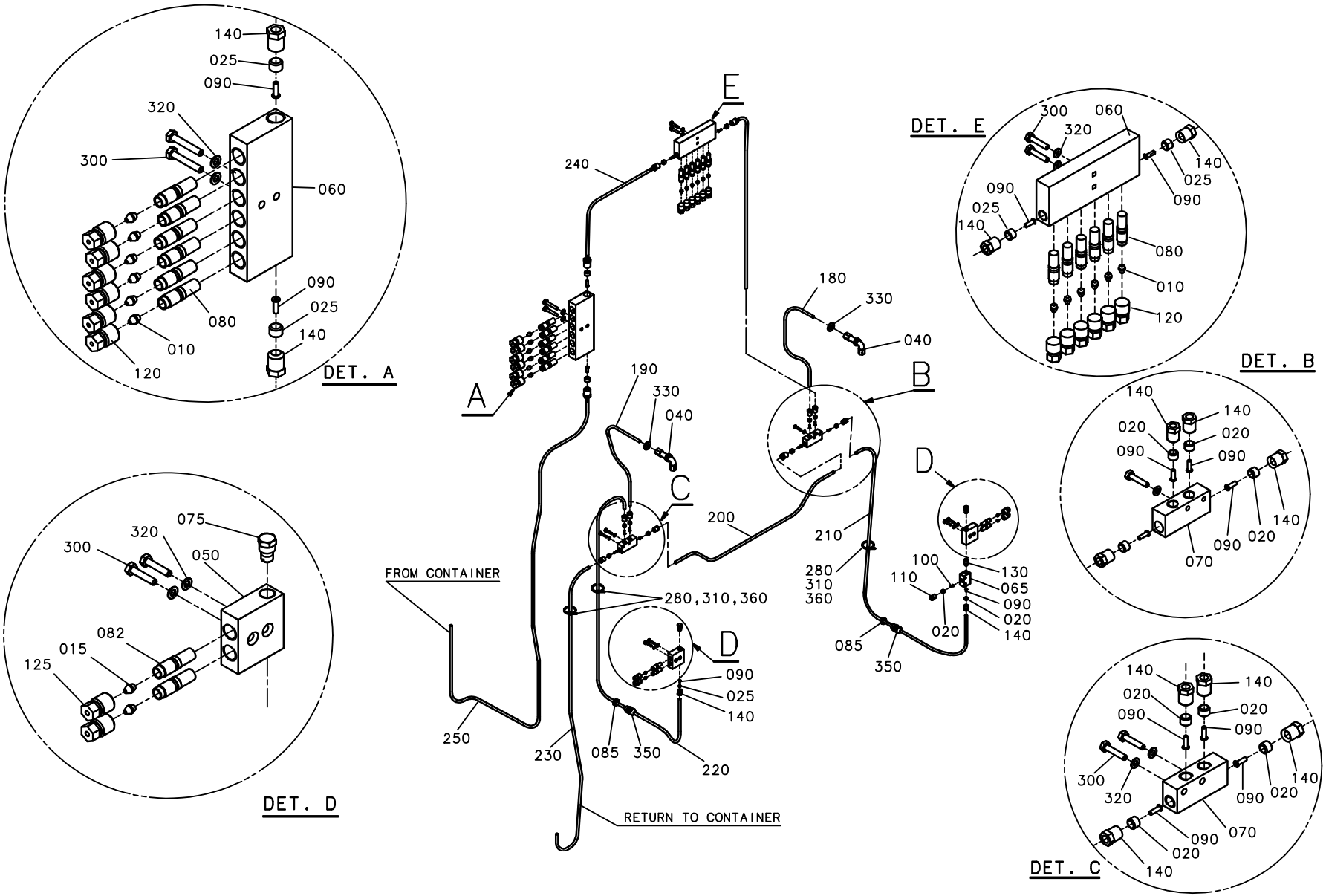
130
120
250
230
170
230
215
150
215
270
100,095
185
210
010
W 4052
220
200
B 2401
070
RETURN

ECM: 71742 - 19980903
Group number: 1095911-0100
Assembly Drawing: 1095911-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1129544-0000	D		1	MOUNTING SHEET	
030	90028-0022	-		1	CONE TUBE 6 MM	
050	90048-0037	C		1	OIL PUMP INCL. CONTAINER 1,5 L	
070	90134-0030	-		2	SLEEVE FOR PLASTIC TUBE	
080	90134-0055	-		1	BUSHING/NUT INLET/OUTLET 6 MM	
090	90134-0081	-		2	REDUCTION SLEEVE M10X1/R 1/8"	
095	90157-0034	-	L	1	SEALING COMPOUND LOCTITE 572 50 ML	
100	90163-0014	-		1	QUICK COUPLING, (M) LP-006-1-WR013	
110	90163-0041	-		1	HOSE NIPPLE, EXT.THR. 3/8-12 MM	
120	90163-0064	-		1	QUICK COUPLING, (M) LP-006-2-WR517	
130	90163-0304	-		1	QUICK COUPLING, LP-006-5-74-KU (DUST CAP	
150	90166-0113	-	MM	650	HOSE	
160	90166-0126	-	MM	300	TUBE 12 MM PA,TRANSP.	
170	90415-0033	C		1	OIL FILTER REFILLING UC-HP-1229-25	
	90415-0330	*C*		*1*	*FILTER INSERT ARTNO HR-1229-25UCC*	
180	312105-0383	-		2	SCREW M6S ISO 4014 M6X65 A480	
185	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
200	312125-0299	-		2	SCREW PAN HEAD MCS M4X30 SS	
210	312605-0312	-		2	HEXAGON NUT, M6M M4 A280	
215	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
220	315105-0136	-		2	WASHER BRB4,3XRFR	
225	315115-0153	-		2	WASHER PLAIN, TBRB 6,4/12 H=3	
227	315233-0109	-		2	WASHER CAPTIVE SEALING G1/8	
230	315233-0110	-		2	WASHER CAPTIVE SEALING G1/4	
240	315233-0111	-		1	WASHER CAPTIVE SEALING G3/8	
250	342700-0203	-		1	NIPPLES,HEXAGON,EXT.G-THREAD G3/8"-G1/4"	
260	342722-0202	-		1	PIPE COUPLING 1/8" D=6MM	
270	342991-0101	-		2	HOSE CLIP,WORM DRIVE TYPE (13)-16	
280	346800-0109	-		1	SILENCER FILTER R1/8"	
300	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
B2401	90274-0084	C		1	PRESSURE GUARD, 1800 KPA	
W4052	351150-0403	-	MM	3000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W4053	351150-0404	-	MM	3000	CABLE OLFLEX 4X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No


DET. A
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025
090
320
300
060
080
010
120
DET. D
075
320
300
050
082
015
125
DET. E
300
060
320
140
025
090
090
025
140
080
010
120
DET. B
140
140
020
020
090
090
140
090
020
070
DET. C
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140
020
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020
070
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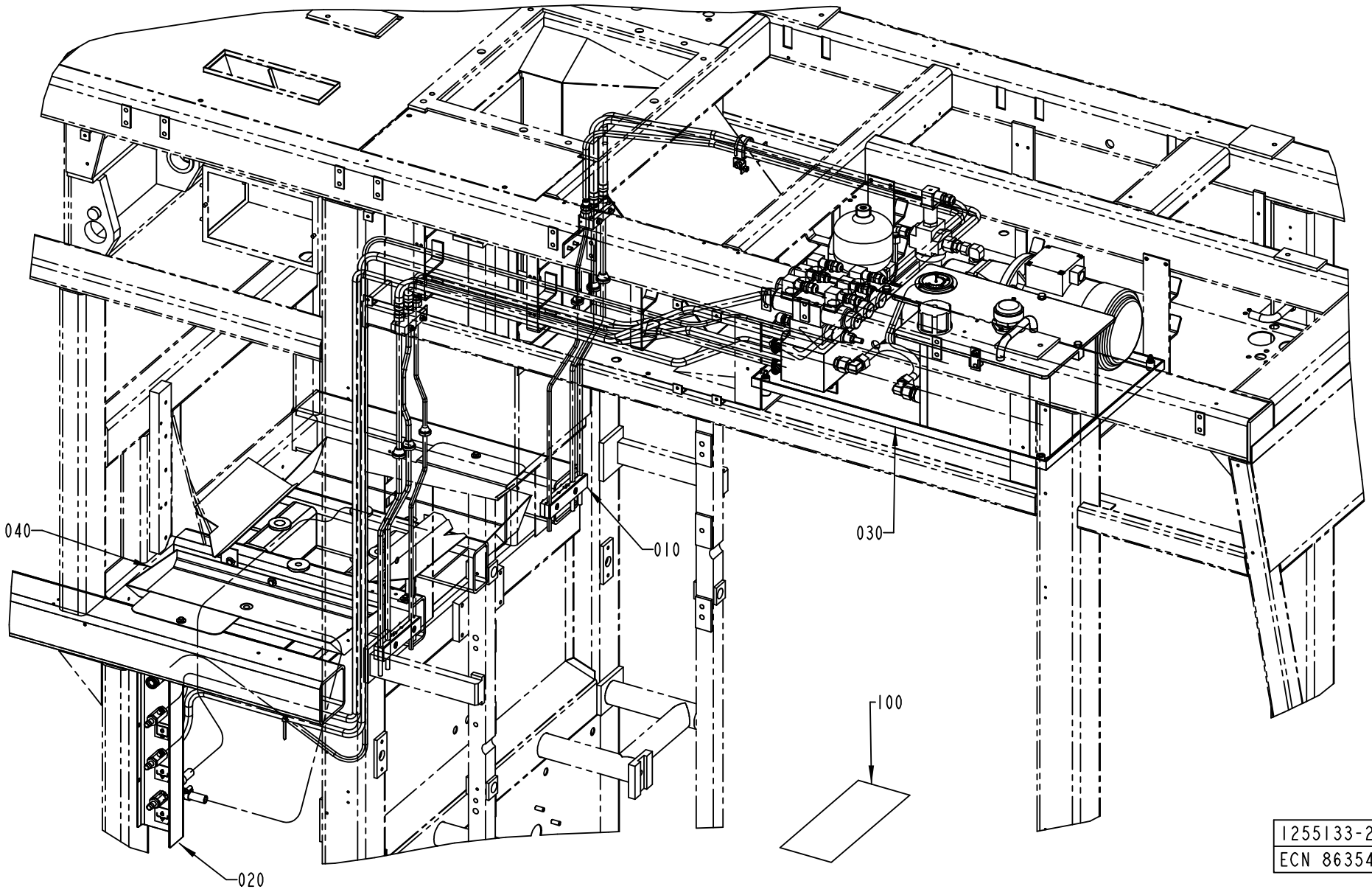
020
140
A
B
C
D
E
240
180
330
040
190
330
040
200
210
280
310
360
100
110
130
065
090
020
140
020
085
350
FROM CONTAINER
280,310,360
090
025
140
250
230
085
350
220
RETURN TO CONTAINER

ECM: 72369 - 19990427
Group number: 1255274-0200
Assembly Drawing: 1255274-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90028-0020	-		12	CONE TUBE 2,5MM	
015	90028-0021	-		4	CONE TUBE 4 MM	
020	90028-0022	-		10	CONE TUBE 6 MM	
025	90028-0025	-		4	CONE TUBE 6 MM	
040	90030-0219	-		2	CONN. ELBOW BULKHEAD WSV 6	
050	90032-0038	-		2	BLOCK 2 WAYS	
060	90032-0040	-		2	BLOCK 6 WAYS	
065	90032-0043	-		1	DISTRIBUTION BLOCK 3 WAYS	
070	90032-0044	-		2	DISTRIBUTION BLOCK 4 WAYS	
075	90087-0019	-		2	PLUG M10X1 STAINLESS	
080	90092-0052	-		12	METERING VALVE 10 MM3	
082	90092-0053	-		4	METERING VALVE 30 MM3	
085	90099-0104	-		2	NUT, PR 15,2 (PG9)	
090	90134-0030	-		16	SLEEVE FOR PLASTIC TUBE	
100	90134-0030	-		1	SLEEVE FOR PLASTIC TUBE	
110	90134-0055	-		1	BUSHING/NUT INLET/OUTLET 6 MM	
120	90134-0039	-		12	BUSHING VALVE CONNECTION 2,5 MM	
125	90134-0040	-		4	BUSHING VALVE CONNECTION 4 MM	
130	90134-0054	-		1	BLOCK CONNECTION M10X1	
140	90134-0055	-		14	BUSHING/NUT INLET/OUTLET 6 MM	
180	90166-0108	-	MM	310	TUBE 6 MM PA,TRANSP.	
190	90166-0108	-	MM	310	TUBE 6 MM PA,TRANSP.	
200	90166-0108	-	MM	700	TUBE 6 MM PA,TRANSP.	
210	90166-0108	-	MM	940	TUBE 6 MM PA,TRANSP.	
220	90166-0108	-	MM	1100	TUBE 6 MM PA,TRANSP.	
230	90166-0108	-	MM	1150	TUBE 6 MM PA,TRANSP.	
240	90166-0108	-	MM	1300	TUBE 6 MM PA,TRANSP.	
250	90166-0108	-	MM	1500	TUBE 6 MM PA,TRANSP.	
280	90182-0005	-		3	CLIP STRIP 79X2,3MM REPL.BY 352113-101	
300	312105-0295	-		10	SCREW M6S ISO4017 M4X20 A480	
310	312125-0285	-		3	SCREW SLOT.PAN HD. MCS 4X6 A480	
320	315105-0136	-		10	WASHER BRB4,3XRFR	
330	315105-0176	-		2	WASHER BRB 12X22 RFR	
350	352103-0101	-		2	CABLE GLAND, ST 9, PR15,2/PG9	
360	352113-0102	-		3	CLIP-STRIP, BLACK 188X4,8 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

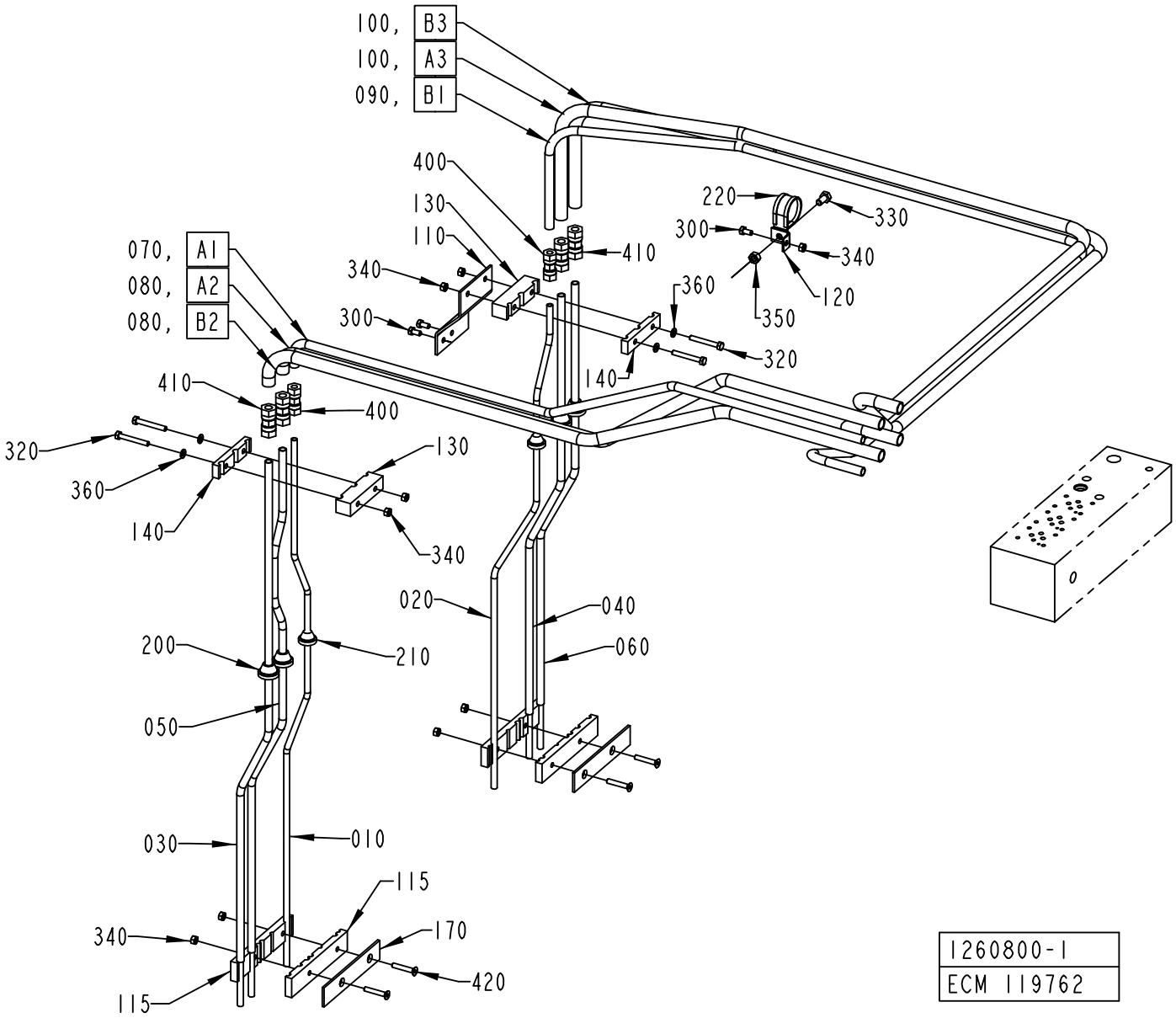
Machine Type | Group Description | Used-In | Group Number | Page No


040
010
030
100
020
1255133-2
ECN 86354

ECM: 129109 - 20030323
Group number: 1255133-0300
Assembly Drawing: 1255133-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1260800-0100	-		1	PIPE WORK-HYDRAULIC	**263**
020	1255134-0200	-		1	DRAINING	**265**
030	1549211-0200	-		1	HYDRAULIC UNIT	**267**
040	1487493-0100	-		1	DRAINING	**275**
100	1517503-0000	-		1	HYDRAULIC DIAGRAM	

Pos	Part No	SP	UN	Qty	Description	Page No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100, A3
090, B1
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110
410
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330
300
340
120
360
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320
070, A1
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080, B2
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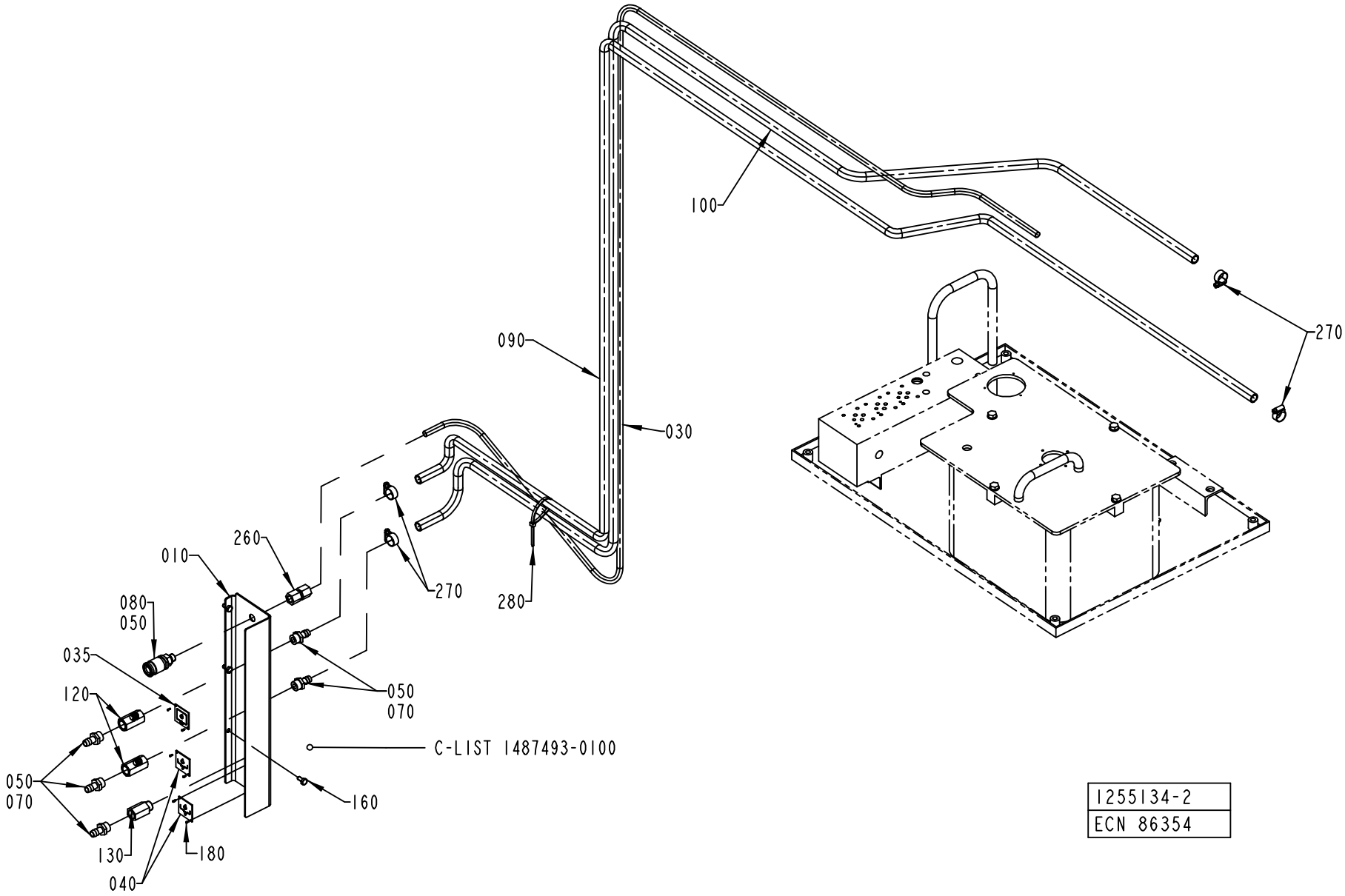
400
320
360
140
130
340
020
040
060
200
210
050
030
010
115
340
170
420
115
1260800-1
ECM 119762

ECM: 128250 - 20030304
Group number: 1260800-0100
Assembly Drawing: 1260800-1_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1260795-0000	A		1	HYDRAULIC PIPE	
020	1260796-0000	A		1	HYDRAULIC PIPE	
030	1260797-0000	A		1	HYDRAULIC PIPE	
040	1260798-0000	A		1	HYDRAULIC PIPE	
050	1260799-0000	A		1	HYDRAULIC PIPE	
060	1260801-0000	A		1	HYDRAULIC PIPE	
070	1129404-0000	A		1	HYDRAULIC HOSE	
080	1129405-0000	A		2	HYDRAULIC HOSE	
090	1129406-0000	A		1	HYDRAULIC HOSE	
100	1129407-0000	A		2	HYDRAULIC HOSE	
110	1260802-0000	-		1	BRACKET	
115	1260803-0000	-		4	CLAMP	
120	1129354-0000	-		1	BRACKET	
130	1260804-0000	-		2	PIPE CLAMP	
140	1260805-0000	-		2	PIPE CLAMP	
170	1260806-0000	-		2	COVER PLATE	
200	90015-0021	-		4	LEAD-IN, TET10-14, E-1458023	
210	90015-0023	-		2	LEAD-IN, TET7-10, E-1458019	
220	90165-0149	-		1	HOSE HOLDER	
300	312105-0366	-		3	SCREW M6S M6X12 A280	
320	312105-0379	-		4	SCREW M6S ISO 4014 M6X45 A480	
330	312105-0449	-		1	SCREW M6S ISO 4017 M8X16 A480	
340	312605-0316	-		9	HEXAGON NUT, M6M M6 A280	
350	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
360	315105-0153	-		4	WASHER BRB6,4X12RFR	
400	342727-0103	-		2	CONN. PIPE G-8-LFZB	
410	342727-0108	-		4	CONN. PIPE G-10-LFZB	
420	312155-0376	-		4	SCREW EN 10642 MF6S M6X35 A480	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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270
090
030
260
010
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050
035
120
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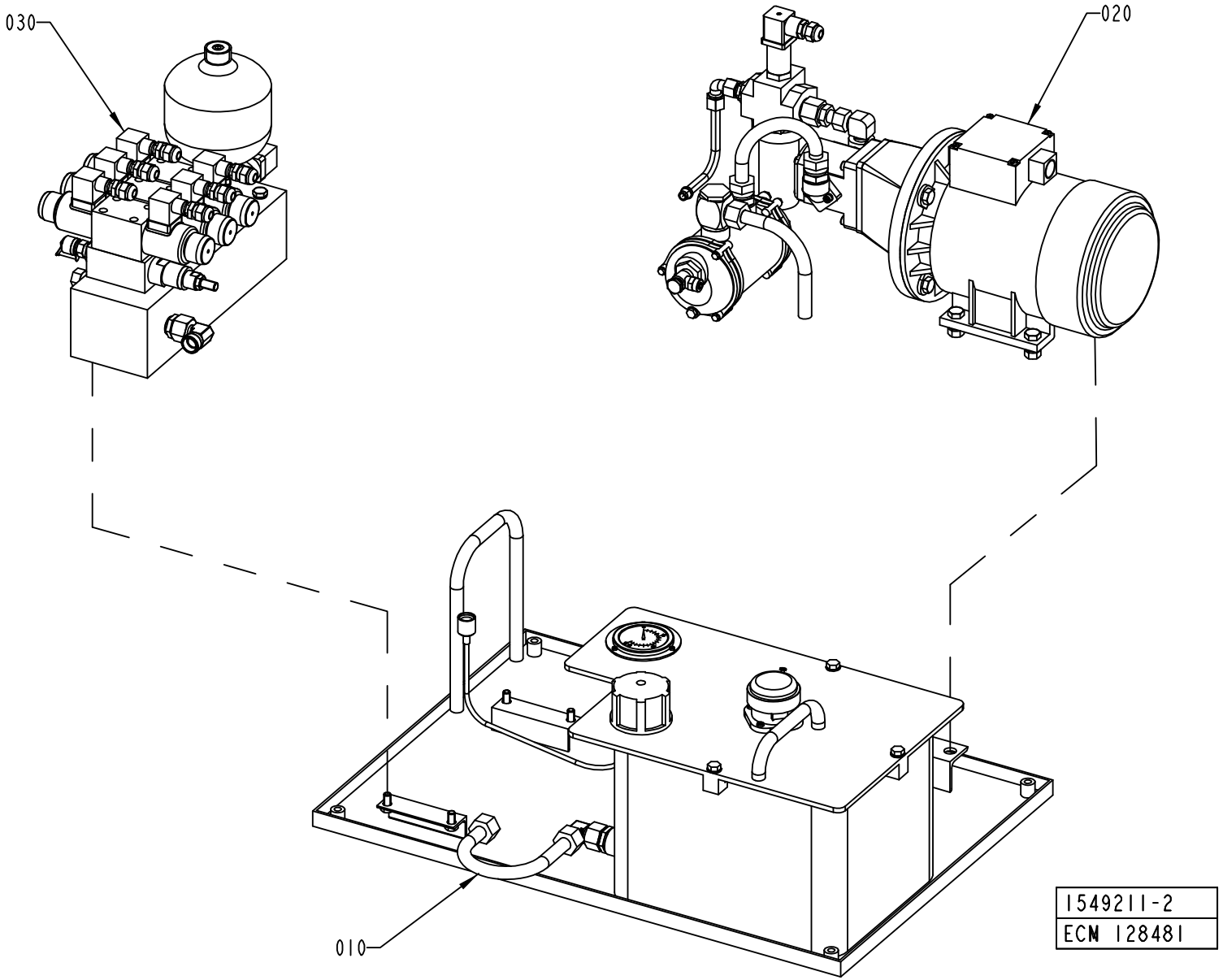
280
050
070
C-LIST 1487493-0100
050
070
160
130
180
040
1255134-2
ECN 86354

ECM: 87267 - 19991101
Group number: 1255134-0200
Assembly Drawing: 1255134-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1349912-0000	-		1	PANEL	
030	1255362-0000	A		1	HYDRAULIC HOSE	
035	1129463-0000	-		1	SIGN	
040	1129464-0000	-		2	SIGN	
050	90157-0034	-		1	SEALING COMPOUND LOCTITE 572 50 ML	
070	90163-0041	-		5	HOSE NIPPLE, EXT.THR. 3/8-12 MM	
080	90163-0013	B		1	QUICK COUPLING, (F) LP 006-0-WR013-01-2	
	90163-0301	*-*		*1*	*GASKET VITON REPL.BY 90163-312*	
090	90166-0113	-	M	3	HOSE	
100	90166-0113	-	M	3	HOSE	
120	90187-0054	B		2	BALL VALVE G3/8	
130	90187-0058	-		1	BALL VALVE R3/8, CRBR	
160	312105-0366	-		3	SCREW M6S M6X12 A280	
180	312502-0120	-		6	DRIVE SCREW ROUND HEAD KDS 0X5	
260	342724-0108	-		1	CONN. STR. PIPE GI-10-G1/4	
270	342991-0102	-		4	HOSE CLIP,WORM DRIVE TYPE (16)-19	
280	352113-0102	-		1	CLIP-STRIP, BLACK 188X4,8 MM	

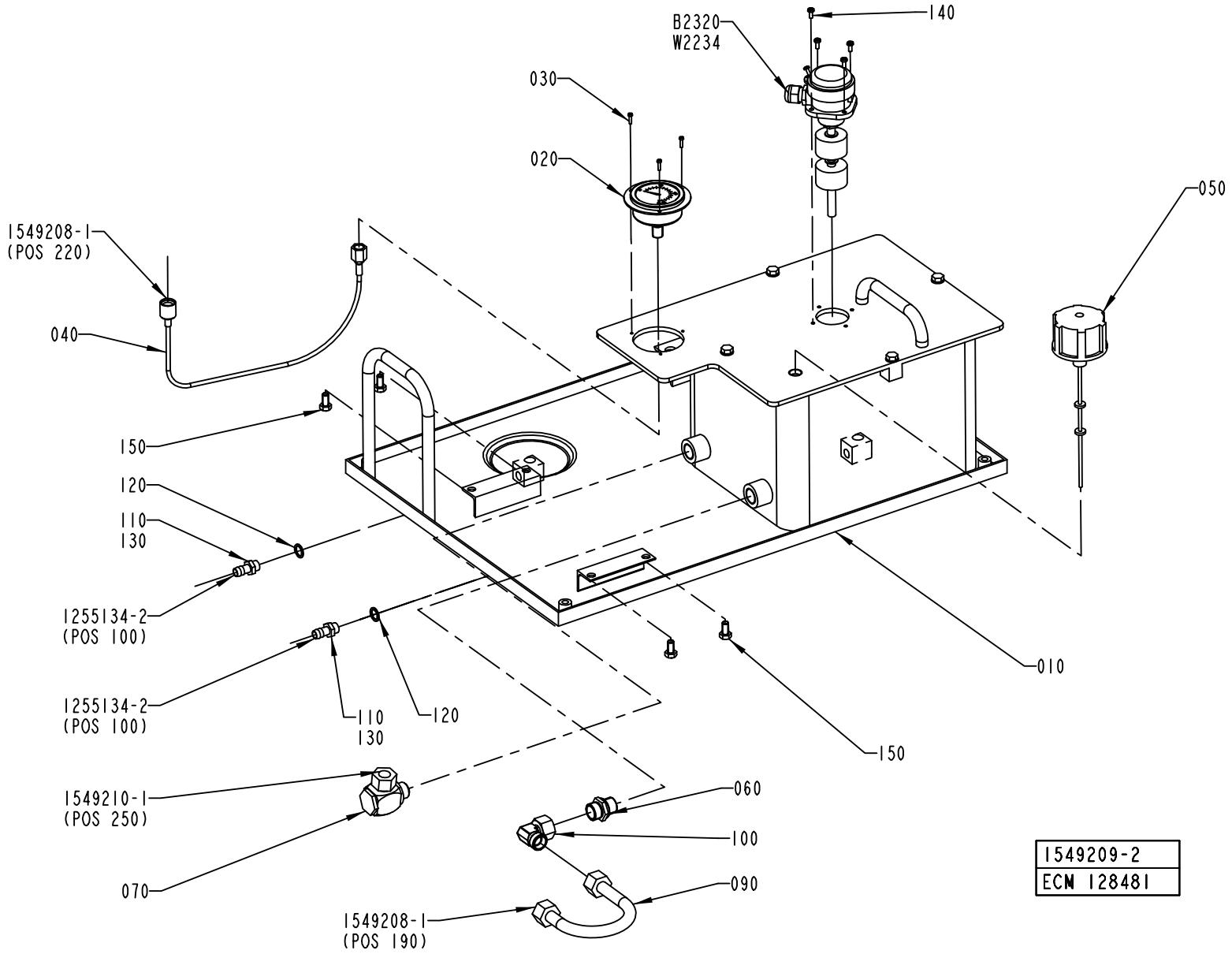
Pos	Part No	SP	UN	Qty	Description	Page No


030
020
010
1549211-2
ECN 128481

ECM: 128518 - 20030323
Group number: 1549211-0200
Assembly Drawing: 1549211-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1549209-0200	-		1	TANK	**269**
020	1549210-0200	A		1	PUMP	**271**
030	1549208-0200	-		1	HYDRAULIC VALVE	**273**

Pos	Part No	SP	UN	Qty	Description	Page No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W2234
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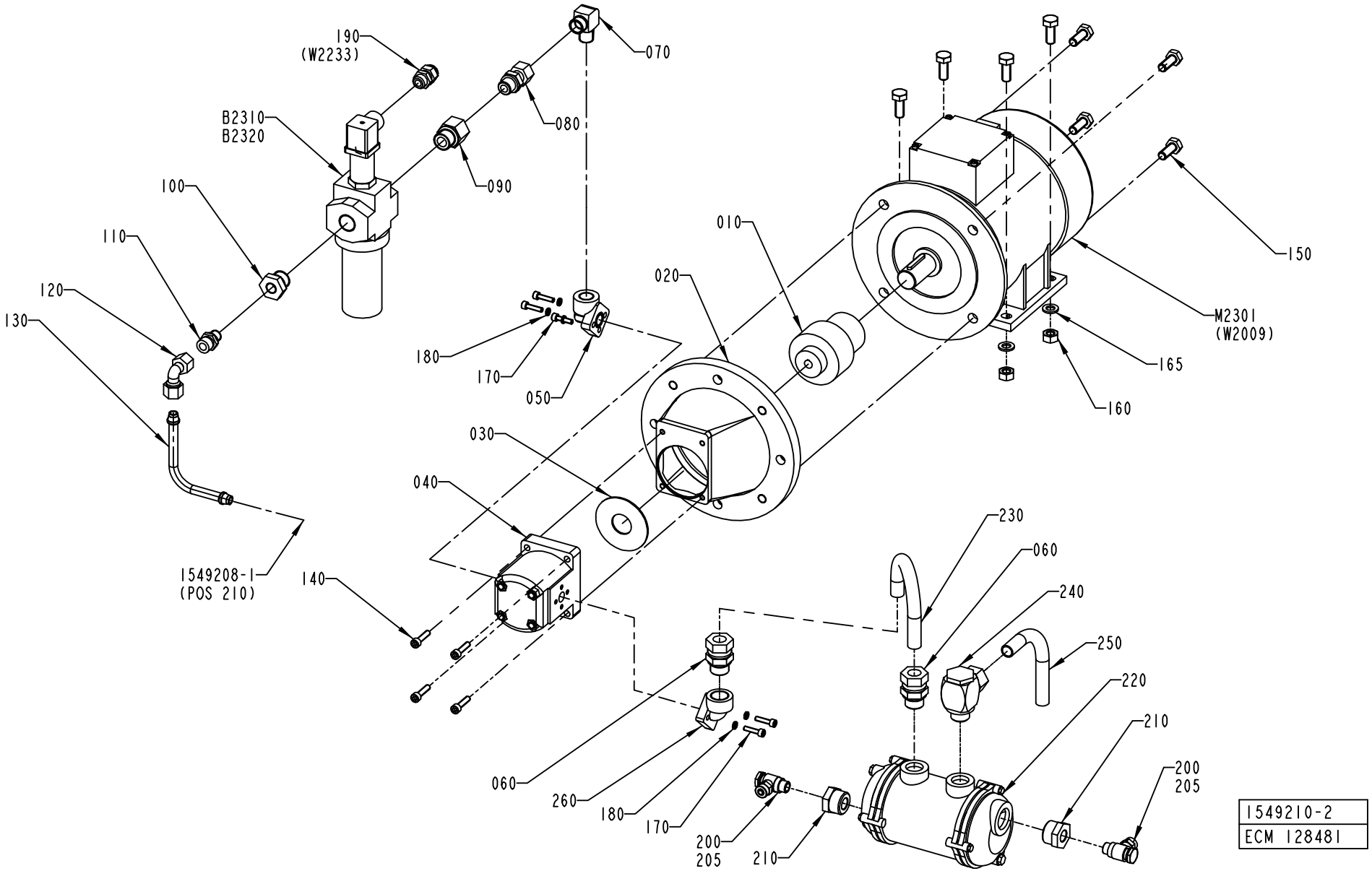
030
020
050
1549208-1
(POS 220)
040
150
120
110
130
1255134-2
(POS 100)
1255134-2
(POS 100)
110
130
120
010
150
1549210-1
(POS 250)
070
060
100
090
1549208-1
(POS 190)
1549209-2
ECN 128481

ECM: 128517 - 20030323
Group number: 1549209-0200
Assembly Drawing: 1549209-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90457-0064	-		1	TANK AND LID, A1-16594 + A2-16595	
	90091-0159	-		*1*	*GASKET 330X308X9 MM*	
020	90043-0132	B		1	PRESSURE GAUGE, 2757 D=63 MM	
030	312125-0226	-		3	SCREW PAN HEAD MCS M3X12 SS	
040	90148-0101	A		1	MEASURING HOSE,MINIMESS S110-AC-FA-0063	
050	90277-0086	B		1	AIR FILTER / ART NO BK 464125 (70)	
060	90457-0035	-		1	REDUCING UNIUN	
070	342796-0114	-		1	CONN. BANJO,WH 15-G1/2	
090	90457-0033	-		1	PIPE	
100	90030-0628	-		1	ELBOW 90ø FITTING, NO. VB 15-L	
110	90163-0052	-		2	HOSE NIPPLE, EXT.THR. 1/4-12 MM	
120	315234-0110	-		2	WASHER,PL.RND.CU.13,5/18 H=1,5	
130	342713-0210	-		2	PLUG, EXT THREAD HEX SOCKET 8638-00-140	
140	312132-0289	-		4	SCREW SLOT. PAN HEAD MSCS M4X10	
150	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
B 2320	90457-0019	A		1	LEVEL PROBE, HMFB-S=45-0=80-0=90-T70	
W 2234	351150-0406	-	MM	2500	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No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B2320
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040
140
1549208-1
(POS 210)
150
M2301
(W2009)
165
160
230
060
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200
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060
260
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170
200
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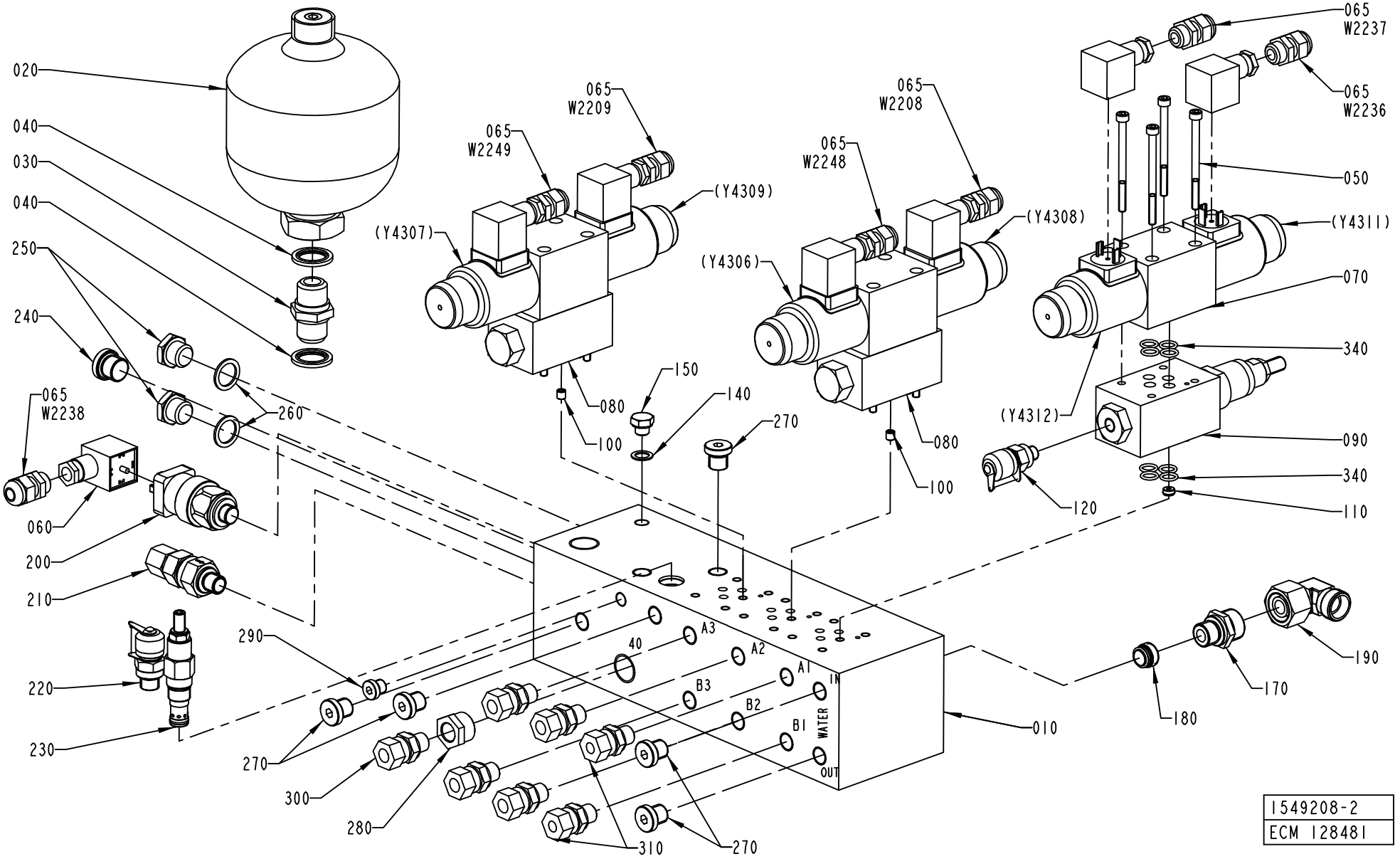
1549210-2
ECM 128481

ECM: 128236 - 20030323
Group number: 1549210-0200
Assembly Drawing: 1549210-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90321-0575	A		1	SHAFT COUPLING	
020	90321-0574	-		1	PUMP BRACKET LSE-201	
030	90457-0046	A		1	WASHER PLAIN ROUND 25,4/67,5, H=2	
040	90457-0037	A		1	HYDR. PUMP TFP100 3/8-S-C001	
050	90457-0039	A		1	PUMP CONN. ELBOW FLANGE T-26/12-3/8	
060	342752-0114	A		2	CONN. STR. GA-15-G1/2	
070	90457-0040	A		1	CONN. ELBOW, 12 MM - R3/8K, B12-RL	
080	90030-0339	A		1	CONN. STR., 12-G3/8, EXT. THREAD	
090	90457-0041	A		1	NIPPLES, REDUCING, INT.THREAD, G1/2-G3/8	
100	90457-0043	A		1	BUSHING, INT/EXT. G-THREAD NO. 1/2-1/4	
110	90457-0044	A		1	CONN.STRAIGHT G1/4-10 MM, A 10-RL/WD	
120	90030-0121	A		1	CONN. ELBOW ADJ.,INT 10	
130	90457-0038	A		1	PIPE, ø10X1,5 A3-8185-0139	
140	312115-0372	-		4	SCREW ISO4762 M6X25 A4	
150	312105-0493	-		8	SCREW M6S ISO 4017 M10X25 A480	
160	312605-0320	-		4	HEXAGON NUT, M6M M10 A280	
165	315105-0171	-		4	WASHER BRB10X18	
170	312115-0331	-		5	SCREW ISO4762 M5X20 A4	
180	90062-0029	-		5	WASHER LOCK 5,1X 8,6, T= 1,5 DIN 7980	
190	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
200	342980-0122	-		2	BANJO-CONNECTION,RING 8/6-G1/4"	
205	342980-0304	-		2	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/4"	
210	342701-0208	-		2	BUSHING, INT/EXT. G-THREAD NO. 3/4-1/4	
220	90422-0008	A		1	COOLER	
	315202-0612	*C*		*1*	*O-RING 75,80X3,53 MM*	
230	2574422-0000	A		1	PIPE	
240	342796-0114	A		1	CONN. BANJO,WH 15-G1/2	
250	2574423-0000	A		1	PIPE	
260	90321-0383	A		1	PUMP CONN. ELBOW FLANGE RG 26/12-1/2	
B 2310	90415-0057	A		1	FULL PR. FILTER MDFBNHC 30G-10-C-1.0/-B6	
B 2320	90457-0042	A		1	FILTER 10 M 0030-D-010-BN3HC	
M 2301	90457-0036	A		1	3-PHASE MOTOR,FOOT MOUNT.1,1KW,1410 RPM	
W 2009	351150-0403	-	MM	2500	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W 2233	351150-0403	-	MM	2500	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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W2238
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065
W2209
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W2249
(Y4307)
(Y4309)
080
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270
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W2208
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W2248
(Y4306)
(Y4308)
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065
W2237
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W2236
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(Y4311)
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(Y4312)
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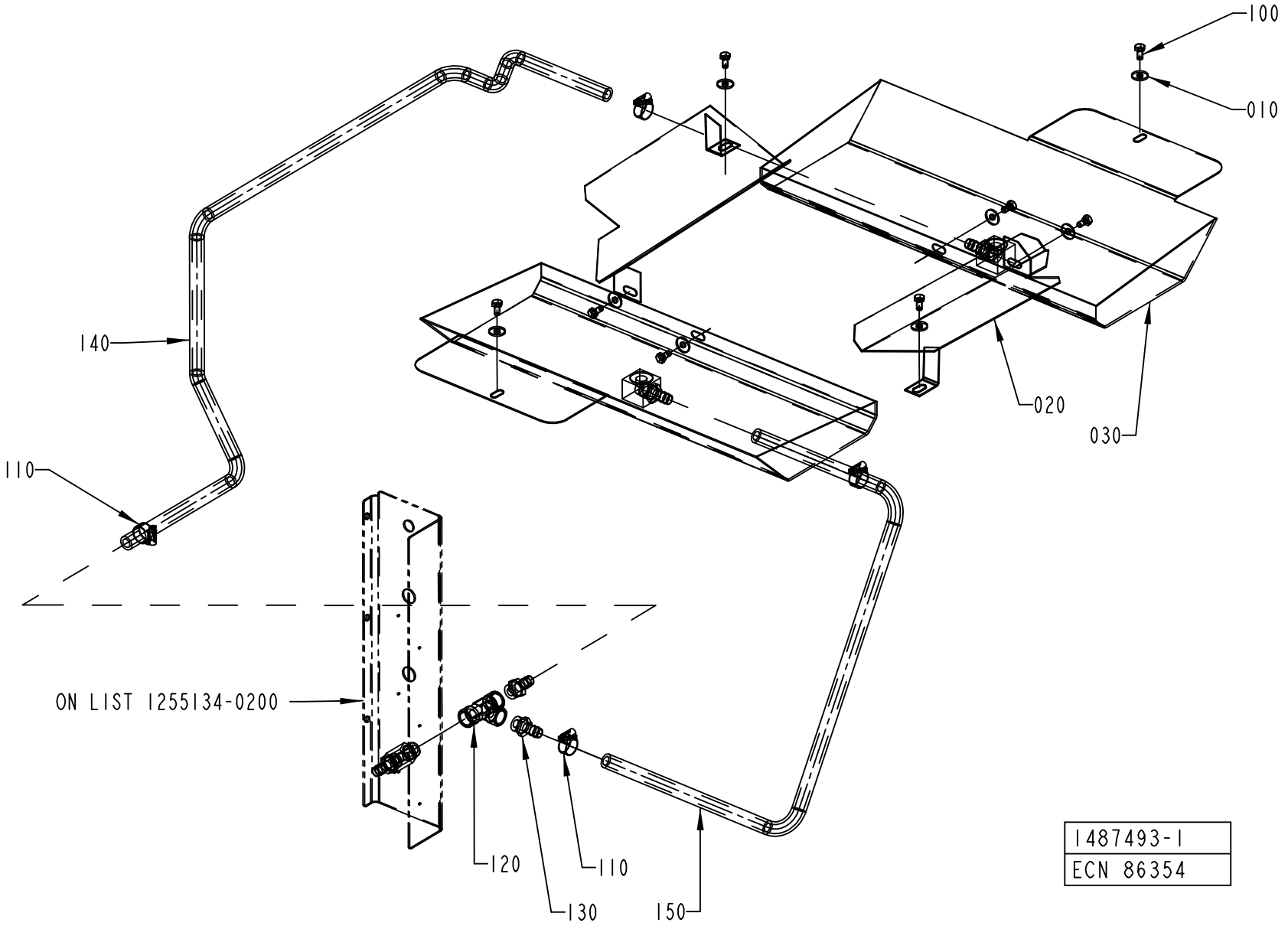
120
110
190
170
180
010
40
A3
A2
A1
B3
B2
B1
IN
WATER
OUT
1549208-2
ECM 128481

ECM: 128516 - 20030323
Group number: 1549208-0200
Assembly Drawing: 1549208-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90201-0458	A		1	WATER HYDR. MANIFOLD BLOCK, NO AI-15382	
020	90321-0381	A		1	HYDRACCU SBO-210-0.75E1/112	
030	90030-0340	-		1	NIPPLES, EXT. THREAD, HEXAGON, RA-G1/2A3	
040	315211-0111	-		2	SEAL WASHER,NBR90/SS. 21,54X28,58X2,47MM	
050	90201-0456	-		12	BOLT KIT, NO. BK 464125M	
060	90110-0095	A		7	CONNECTOR 3 POLE + EARTH	
065	352103-0101	-		7	CABLE GLAND, ST 9, PR15,2/PG9	
070	90457-0170	A		3	DIRECTION VALVE, NO. 0 810 091 212	
	90457-0169	*-*		*1*	*SOL. COIL, 24VDC/1,4A, NO 1837001227*	
080	90201-0136	A		2	DIRECT CHECK VALVE, NO. DGMDC-3-Y-PK-41	
090	90201-0135	A		1	PRESSURE REDUCING VALVE	
100	90457-0177	A		2	FLOW-RESTRICTOR, 2,0 MM, M6	
110	90457-0185	A		1	FLOW RESTRICTOR 1810120020, D=1,5 MM	
120	90201-0132	A		1	VALVE	
140	90201-0452	A		1	WASHER, SEALING, 10(1/8)/15, H=1 CU	
150	90330-0066	-		1	PLUG, EXT. G-THREAD, G1/8	
170	90201-0457	A		1	VALVE CONNECTION, NO. A15-L/R 3/8"/WD	
180	90201-0134	A		1	CHECK VALVE, G 3/8	
190	90030-0628	-		1	ELBOW 90ø FITTING, NO. VB 15-L	
200	90274-0124	A		1	PRESSURE SWITCH	
210	90201-0130	A		1	CHECK VALVE, NO. RZ10-RL/WD	
220	90201-0133	A		1	VALVE	
230	90201-0131	A		1	VALVE	
240	90201-0448	-		1	PLUG	
250	90330-0029	-		2	PLUG, EXT. G-THREAD, R-236R3/8	
260	90201-0453	A		2	WASHER, SEALING, 17(3/8)/23, H=1,5 CU	
270	90201-0449	-		5	PLUG	
280	342701-0205	-		1	BUSHING,INT./EXT.G-THREAD G1/2"-G1/4"	
290	90201-0450	-		1	PLUG	
300	342752-0104	-		5	CONN. STR. GA-10-G1/4	
310	342752-0103	-		2	CONN. STR. GA-8-G1/4	
340	90457-0134	A		24	O-RING	
W2208	351150-0403	-	MM	1500	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W2209	351150-0403	-	MM	1900	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W2236	351150-0403	-	MM	1600	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W2237	351150-0403	-	MM	2000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W2238	351150-0403	-	MM	2100	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W2248	351150-0403	-	MM	1500	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W2249	351150-0403	-	MM	1900	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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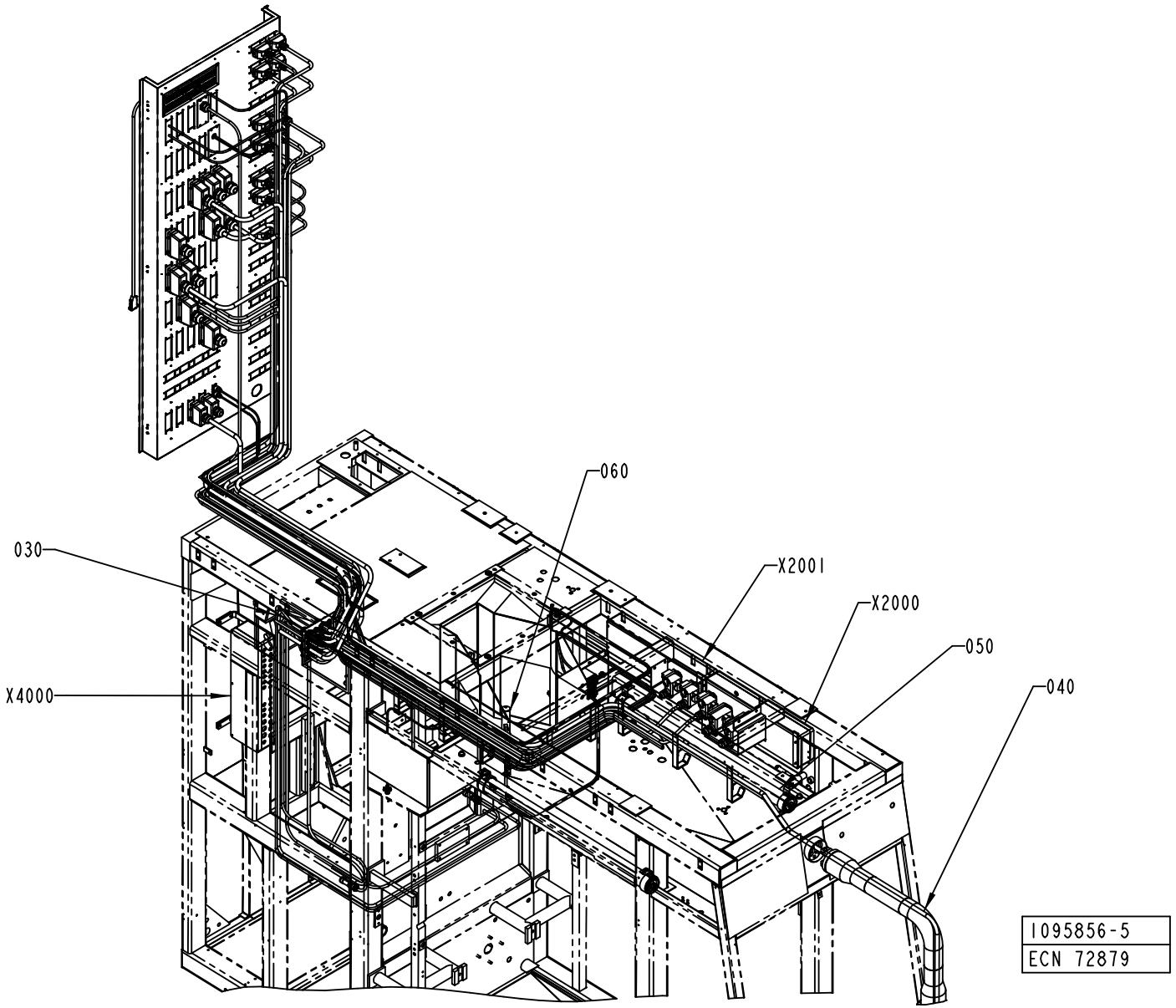
1487493-1
ECN 86354

ECM: 87266 - 19991101
Group number: 1487493-0100
Assembly Drawing: 1487493-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	6278-0000	-		8	WASHER	
020	1349164-0000	-		2	COVER PLATE	
030	1349224-0000	-		2	COVER PLATE	
100	312105-0366	-		8	SCREW M6S M6X12 A280	
110	342991-0102	-		4	HOSE CLIP,WORM DRIVE TYPE (16)-19	
120	90140-0016	-		1	T-PIPE, INT. THREAD, 2003-3/8	
130	90163-0041	-		4	HOSE NIPPLE, EXT.THR. 3/8-12 MM	
140	90166-0113	-	MM	1200	HOSE	
150	90166-0113	-	MM	800	HOSE	

Pos	Part No	SP	UN	Qty	Description	Page No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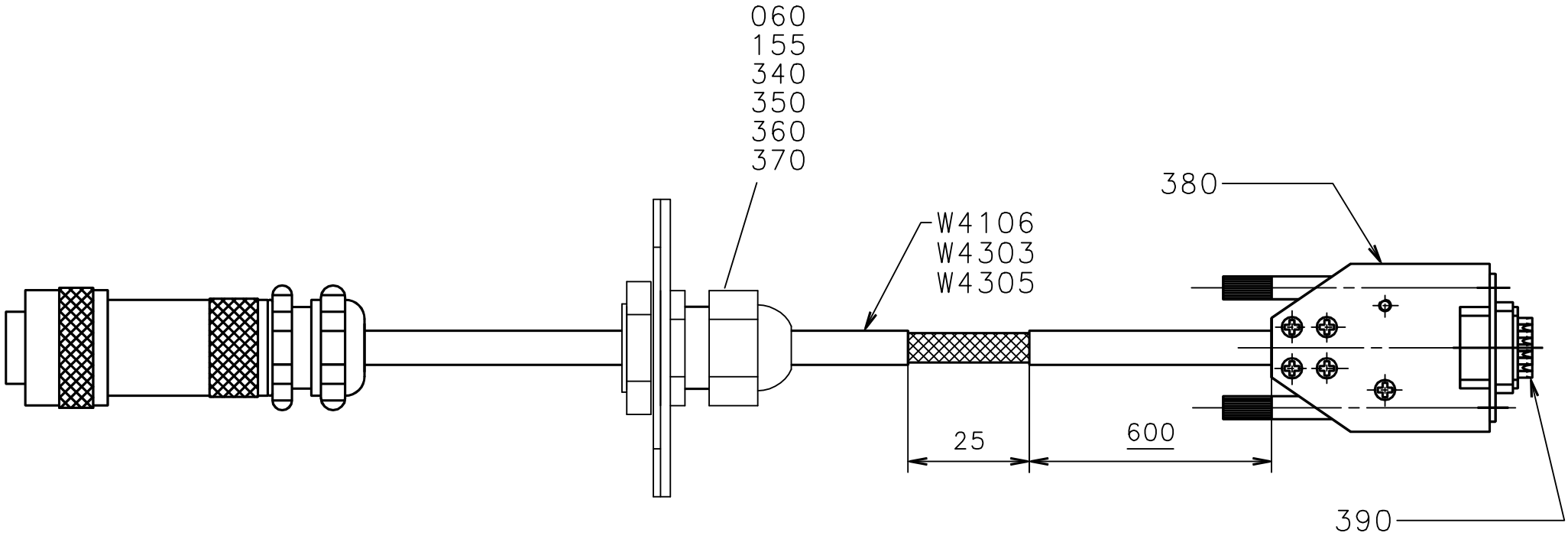
030
X2001
X2000
050
040
X4000
1095856-5
ECN 72879

ECM: 103102 - 20020927
Group number: 1095856-0400
Assembly Drawing: 1095856-5_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
030	1095748-0300	-		1	CABLE HARNESS	**279, 281**
040	1095752-0400	-		1	CABLE HARNESS	**283, 285**
050	1095861-0100	-		1	LIGHT FIXTURE	**287**
060	1523216-0100	-		1	LEVEL CONTROL DEVICE	**289**
X2000	1282765-0200	-		1	CONNECTION BOX	**299**
X2001	1282766-0100	-		1	CONNECTION BOX	**301**
X4000	1095750-0200	-		1	CONNECTION BOX	**303**

Pos	Part No	SP	UN	Qty	Description	Page No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W4106
W4303
W4305
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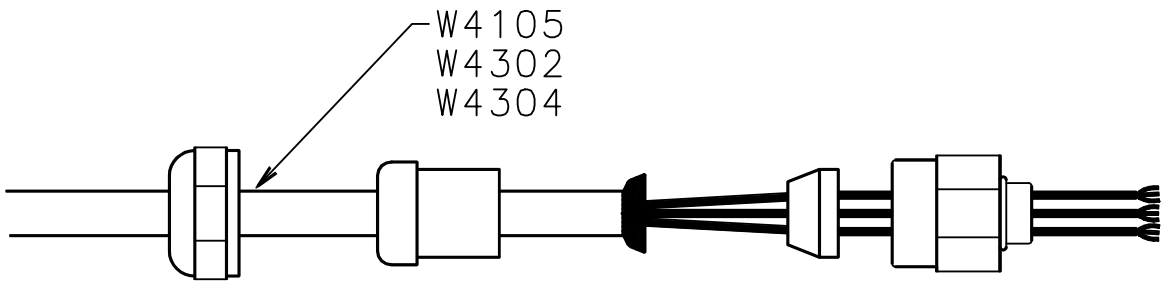
390

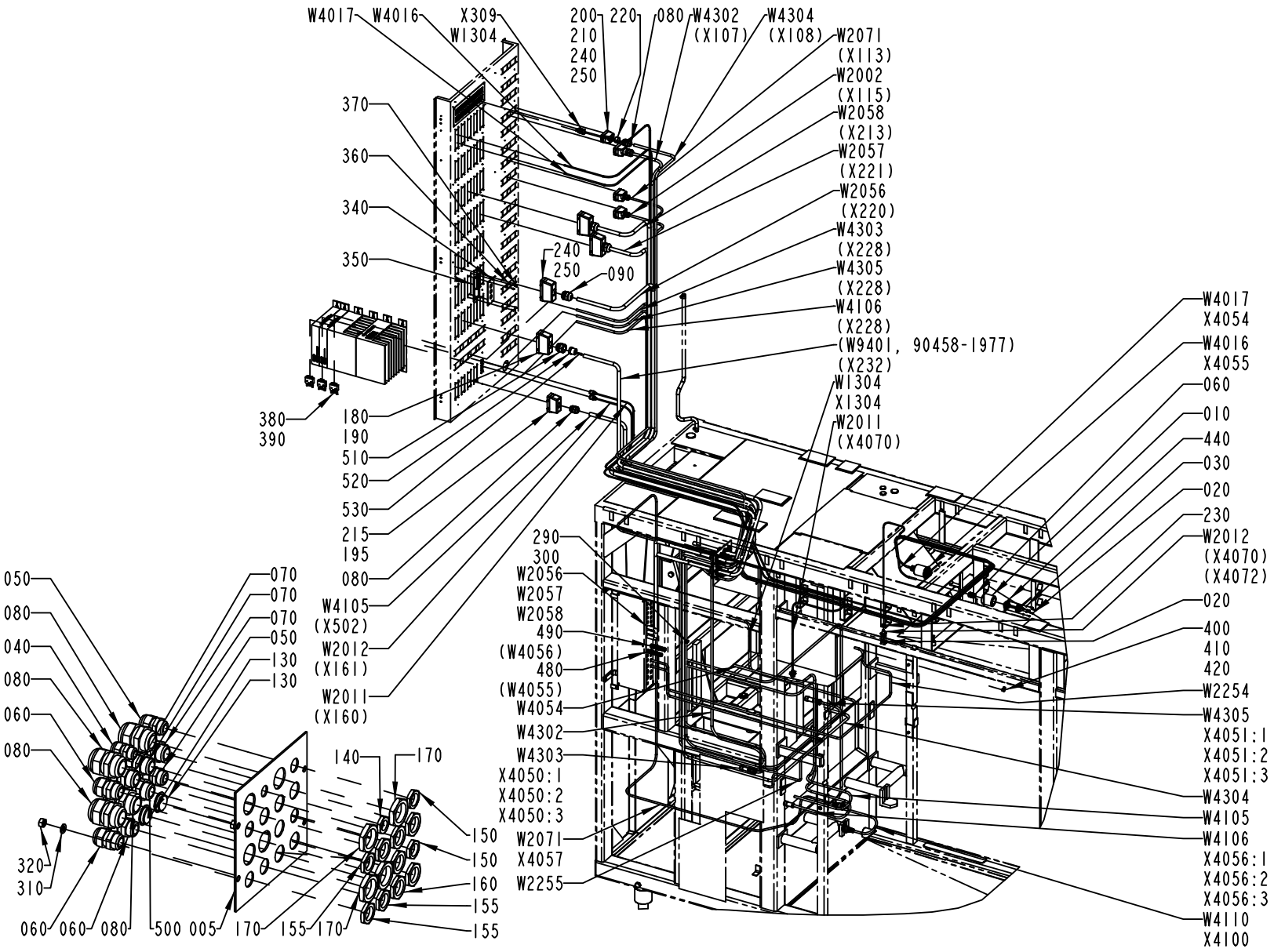

W4105
W4302
W4304

ECM: 81145 - 20030305
Group number: 1095748-0300
Assembly Drawing: 1095748-3_1_AC

This list covers pages from 278 to 281

Pos	Part No	SP	UN	Qty	Description	Page No
-						
005	1255865-0000	-		1	MOUNTING PLATE	
010	1037673-0000	-		2	SLEEVE	
020	312125-0226	-		16	SCREW PAN HEAD MCS M3X12 SS	
030	315105-0124	-		8	BRICKA BRB3,2X6RFR	
040	352103-0101	-		2	CABLE GLAND, ST 9, PR15,2/PG9	
050	352103-0106	-		2	CABLE GLAND, ST 11, PR18,6/PG11	
060	352103-0108	-		10	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
070	352103-0111	-		3	CABLE GLAND, ST 16, PR22,5/PG16	
080	352103-0116	-		7	CABLE GLAND, ST 21, PR28,3/PG21	
090	352103-0120	-		3	CABLE GLAND, STR 29, PR37,0/PG29	
130	90002-0004	-		2	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
140	90099-0104	-		2	NUT, PR 15,2 (PG9)	
150	90099-0117	-		2	NUT, PR 18,6 (PG11)	
155	90099-0118	-		6	NUT, PR 20,4 (PG13,5)	
160	90099-0110	-		6	NUT, PR 22,5 (PG16)	
170	90099-0119	-		4	NUT, PR 28,3 (PG21)	
180	90110-0152	-		4	CABLE HOOD 24-POL 70.352.2428.1	
190	90110-0150	-		4	MALE INSERT 121110 0000	
195	90110-0156	-		1	MALE INSERT 70.210.0653.0	
200	90110-0157	-		4	CABLE HOOD 6-POL 70.352.0628.1	
210	90110-0159	-		4	MALE INSERT 70.310.0640.0	
215	90110-0160	-		1	CABLE HOOD 6-16-POL 70.352.1628.1	
220	90089-0028	-		2	MUFF	
230	315202-0211	-		2	O-RING 13,3X2,4 MM	
240	359005-0050	-		6	MARKING LABEL KIT X, 04.841.4550.0	
250	359005-0010	-		20	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
290	352113-0204	-		30	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
300	312125-0364	-		30	SCREW SLOT.PAN HD. MCS 6X10 A480	
310	315105-0153	-		4	WASHER BRB6,4X12RFR	
320	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
340	1255864-0000	-		1	COVER PLATE	
350	1129550-0000	-		1	GASKET	
360	315105-0136	-		4	WASHER BRB4,3XRFR	
370	312125-0289	-		4	SPåRSKRUV MCS 4X10 A480	
380	90110-0145	-		3	COVER 8630-5169014-15-01	
390	90110-0142	-		3	PLUG DA15P064TX	
400	90165-0065	-		1	PIPE CLAMP, RSGU 1.8/9, D=8 MM	
410	312812-0312	-		1	HEXAGON NUT, NY-LOCK M4 A480	
420	315105-0136	-		1	WASHER BRB4,3XRFR	
430	315105-0136	-		1	WASHER BRB4,3XRFR	
440	90110-0349	-		2	COOVER/TOOL PX 0733	
480	90152-0058	-	MM	1500	SPIRAL CONDUIT, 15X9, UL 0909	
490	90152-0058	-	MM	1500	SPIRAL CONDUIT, 15X9, UL 0909	
500	352103-0110	-		1	CABLE GLAND, STR 16, PR22,5/PG16	
510	353240-0006	-		1	FöRSKRUVNING PG 29	
520	353249-0081	-		1	INSERT, MULTI HOLE, E155M4X8	
530	353249-0308	-		3	SEALING PIN, 8X20	
W1304	90220-0034	-	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W2002	351150-0418	-	MM	6500	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W2011	1140285-0009	C		1	COAXIAL CABLE L= 5100 MM	
W2012	1140285-0009	C		1	COAXIAL CABLE L= 5100 MM	
W2056	351150-0425	-	MM	5000	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W2057	351150-0425	-	MM	4500	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W2058	351150-0425	-	MM	5500	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W2071	351150-0412	-	MM	7500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W2254	351150-0405	-	MM	3500	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W2255	351150-0405	-	MM	3500	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W4016	90220-0165	-	MM	6000	SCR. CABLE 5X0,34MM2	
W4017	90220-0165	-	MM	6000	SCR. CABLE 5X0,34MM2	
W4054	351150-0406	-	MM	2000	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	
W4105	90220-0125	-	MM	6500	MOTOR CABLE 4X4,0+2X1,0+2X0,75+SHIELD	
W4106	90220-0131	-	MM	9200	PAIR TWISTED CABLE 3X2X0,25MM2	
W4110	351150-0122	-	MM	3500	CABLE	
W4302	90220-0116	-	MM	7000	MOTOR CABLE 4X1,0+2(2X0,5)+SHIELD	
W4303	90220-0131	-	MM	7700	PAIR TWISTED CABLE 3X2X0,25MM2	
W4304	90220-0116	-	MM	7000	MOTOR CABLE 4X1,0+2(2X0,5)+SHIELD	
W4305	90220-0131	-	MM	7700	PAIR TWISTED CABLE 3X2X0,25MM2	
X1304	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
X309	90326-0022	-		1	PLUG, MALE YELLOW CR-AL	
X4050:1	90110-0208	-		1	CABLE CONTACT	
X4050:2	90110-0209	-		8	CONTACT PIN, RC20M13K	
X4050:3	90012-0117	-		1	GLAND, EXTENDED WITH INSERT, PG11	
X4051:1	90110-0208	-		1	CABLE CONTACT	
X4051:2	90110-0209	-		8	CONTACT PIN, RC20M13K	
X4051:3	90012-0117	-		1	GLAND, EXTENDED WITH INSERT, PG11	
X4054	90110-0236	-		1	CHASSIS CONTACT PX0767/S	
X4055	90110-0236	-		1	CHASSIS CONTACT PX0767/S	
X4056:1	90110-0208	-		1	CABLE CONTACT	
X4056:2	90110-0209	-		8	CONTACT PIN, RC20M13K	
X4056:3	90012-0117	-		1	GLAND, EXTENDED WITH INSERT, PG11	
X4057	90110-0229	-		1	CABLE CONTACT, PX0740/S	
X4100	90110-0229	-		1	CABLE CONTACT, PX0740/S	

Machine Type	Group Description	Used-In	Group Number	Page No



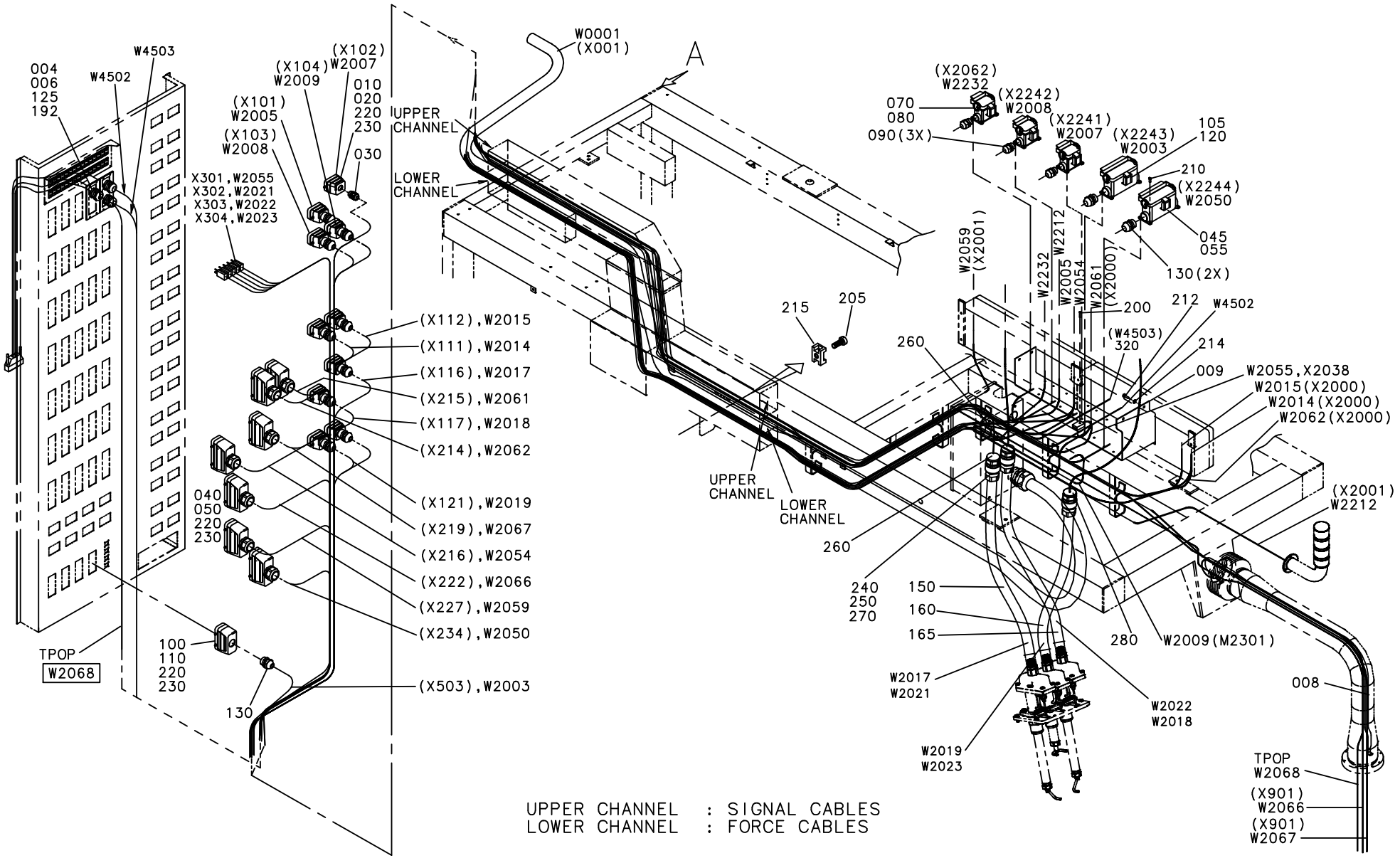
1095748-5
ECM 116305

ECM: 81145 - 20030305
Group number: 1095748-0300
Assembly Drawing: 1095748-5_1_AB

This list covers pages from 278 to 281

Pos	Part No	SP	UN	Qty	Description	Page No
-						
005	1255865-0000	-		1	MOUNTING PLATE	
010	1037673-0000	-		2	SLEEVE	
020	312125-0226	-		16	SCREW PAN HEAD MCS M3X12 SS	
030	315105-0124	-		8	BRICKA BRB3,2X6RFR	
040	352103-0101	-		2	CABLE GLAND, ST 9, PR15,2/PG9	
050	352103-0106	-		2	CABLE GLAND, ST 11, PR18,6/PG11	
060	352103-0108	-		10	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
070	352103-0111	-		3	CABLE GLAND, ST 16, PR22,5/PG16	
080	352103-0116	-		7	CABLE GLAND, ST 21, PR28,3/PG21	
090	352103-0120	-		3	CABLE GLAND, STR 29, PR37,0/PG29	
130	90002-0004	-		2	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
140	90099-0104	-		2	NUT, PR 15,2 (PG9)	
150	90099-0117	-		2	NUT, PR 18,6 (PG11)	
155	90099-0118	-		6	NUT, PR 20,4 (PG13,5)	
160	90099-0110	-		6	NUT, PR 22,5 (PG16)	
170	90099-0119	-		4	NUT, PR 28,3 (PG21)	
180	90110-0152	-		4	CABLE HOOD 24-POL 70.352.2428.1	
190	90110-0150	-		4	MALE INSERT 121110 0000	
195	90110-0156	-		1	MALE INSERT 70.210.0653.0	
200	90110-0157	-		4	CABLE HOOD 6-POL 70.352.0628.1	
210	90110-0159	-		4	MALE INSERT 70.310.0640.0	
215	90110-0160	-		1	CABLE HOOD 6-16-POL 70.352.1628.1	
220	90089-0028	-		2	MUFF	
230	315202-0211	-		2	O-RING 13,3X2,4 MM	
240	359005-0050	-		6	MARKING LABEL KIT X, 04.841.4550.0	
250	359005-0010	-		20	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
290	352113-0204	-		30	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
300	312125-0364	-		30	SCREW SLOT.PAN HD. MCS 6X10 A480	
310	315105-0153	-		4	WASHER BRB6,4X12RFR	
320	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
340	1255864-0000	-		1	COVER PLATE	
350	1129550-0000	-		1	GASKET	
360	315105-0136	-		4	WASHER BRB4,3XRFR	
370	312125-0289	-		4	SPåRSKRUV MCS 4X10 A480	
380	90110-0145	-		3	COVER 8630-5169014-15-01	
390	90110-0142	-		3	PLUG DA15P064TX	
400	90165-0065	-		1	PIPE CLAMP, RSGU 1.8/9, D=8 MM	
410	312812-0312	-		1	HEXAGON NUT, NY-LOCK M4 A480	
420	315105-0136	-		1	WASHER BRB4,3XRFR	
430	315105-0136	-		1	WASHER BRB4,3XRFR	
440	90110-0349	-		2	COOVER/TOOL PX 0733	
480	90152-0058	-	MM	1500	SPIRAL CONDUIT, 15X9, UL 0909	
490	90152-0058	-	MM	1500	SPIRAL CONDUIT, 15X9, UL 0909	
500	352103-0110	-		1	CABLE GLAND, STR 16, PR22,5/PG16	
510	353240-0006	-		1	FöRSKRUVNING PG 29	
520	353249-0081	-		1	INSERT, MULTI HOLE, E155M4X8	
530	353249-0308	-		3	SEALING PIN, 8X20	
W1304	90220-0034	-	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W2002	351150-0418	-	MM	6500	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W2011	1140285-0009	C		1	COAXIAL CABLE L= 5100 MM	
W2012	1140285-0009	C		1	COAXIAL CABLE L= 5100 MM	
W2056	351150-0425	-	MM	5000	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W2057	351150-0425	-	MM	4500	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W2058	351150-0425	-	MM	5500	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W2071	351150-0412	-	MM	7500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W2254	351150-0405	-	MM	3500	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W2255	351150-0405	-	MM	3500	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W4016	90220-0165	-	MM	6000	SCR. CABLE 5X0,34MM2	
W4017	90220-0165	-	MM	6000	SCR. CABLE 5X0,34MM2	
W4054	351150-0406	-	MM	2000	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	
W4105	90220-0125	-	MM	6500	MOTOR CABLE 4X4,0+2X1,0+2X0,75+SHIELD	
W4106	90220-0131	-	MM	9200	PAIR TWISTED CABLE 3X2X0,25MM2	
W4110	351150-0122	-	MM	3500	CABLE	
W4302	90220-0116	-	MM	7000	MOTOR CABLE 4X1,0+2(2X0,5)+SHIELD	
W4303	90220-0131	-	MM	7700	PAIR TWISTED CABLE 3X2X0,25MM2	
W4304	90220-0116	-	MM	7000	MOTOR CABLE 4X1,0+2(2X0,5)+SHIELD	
W4305	90220-0131	-	MM	7700	PAIR TWISTED CABLE 3X2X0,25MM2	
X1304	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
X309	90326-0022	-		1	PLUG, MALE YELLOW CR-AL	
X4050:1	90110-0208	-		1	CABLE CONTACT	
X4050:2	90110-0209	-		8	CONTACT PIN, RC20M13K	
X4050:3	90012-0117	-		1	GLAND, EXTENDED WITH INSERT, PG11	
X4051:1	90110-0208	-		1	CABLE CONTACT	
X4051:2	90110-0209	-		8	CONTACT PIN, RC20M13K	
X4051:3	90012-0117	-		1	GLAND, EXTENDED WITH INSERT, PG11	
X4054	90110-0236	-		1	CHASSIS CONTACT PX0767/S	
X4055	90110-0236	-		1	CHASSIS CONTACT PX0767/S	
X4056:1	90110-0208	-		1	CABLE CONTACT	
X4056:2	90110-0209	-		8	CONTACT PIN, RC20M13K	
X4056:3	90012-0117	-		1	GLAND, EXTENDED WITH INSERT, PG11	
X4057	90110-0229	-		1	CABLE CONTACT, PX0740/S	
X4100	90110-0229	-		1	CABLE CONTACT, PX0740/S	

Machine Type	Group Description	Used-In	Group Number	Page No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UPPER CHANNEL
LOWER CHANNEL
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006
125
192
W4503
W4502
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W2009
(X101)
W2005
(X103)
W2008
010
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220
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X301,W2055
X302,W2021
X303,W2022
X304,W2023
(X112),W2015
(X111),W2014
(X116),W2017
(X215),W2061
(X117),W2018
(X214),W2062
(X121),W2019
(X219),W2067
(X216),W2054
(X222),W2066
(X227),W2059
(X234),W2050
(X503),W2003
040
050
220
230
100
110
220
230
130
TPOP
W2068
(X2062)
W2232
(X2242)
W2008
(X2241)
W2007
(X2243)
W2003
070
080
090(3X)
105
120
210
(X2244)
W2050
045
055
130(2X)
W2059
(X2001)
W2232
W2005
W2054
W2212
W2061
(X2000)
215
205
200
212
W4502
(W4503)
320
214
260
009
W2055,X2038
W2015(X2000)
W2014(X2000)
W2062(X2000)
(X2001)
W2212
240
250
270
150
160
165
280
W2009(M2301)
W2017
W2021
W2022
W2018
W2019
W2023
008
TPOP
W2068
(X901)
W2066
(X901)
W2067
UPPER CHANNEL : SIGNAL CABLES
LOWER CHANNEL : FORCE CABLES

ECM: 116301 - 20021110
Group number: 1095752-0400
Assembly Drawing: 1095752-4_1_AB

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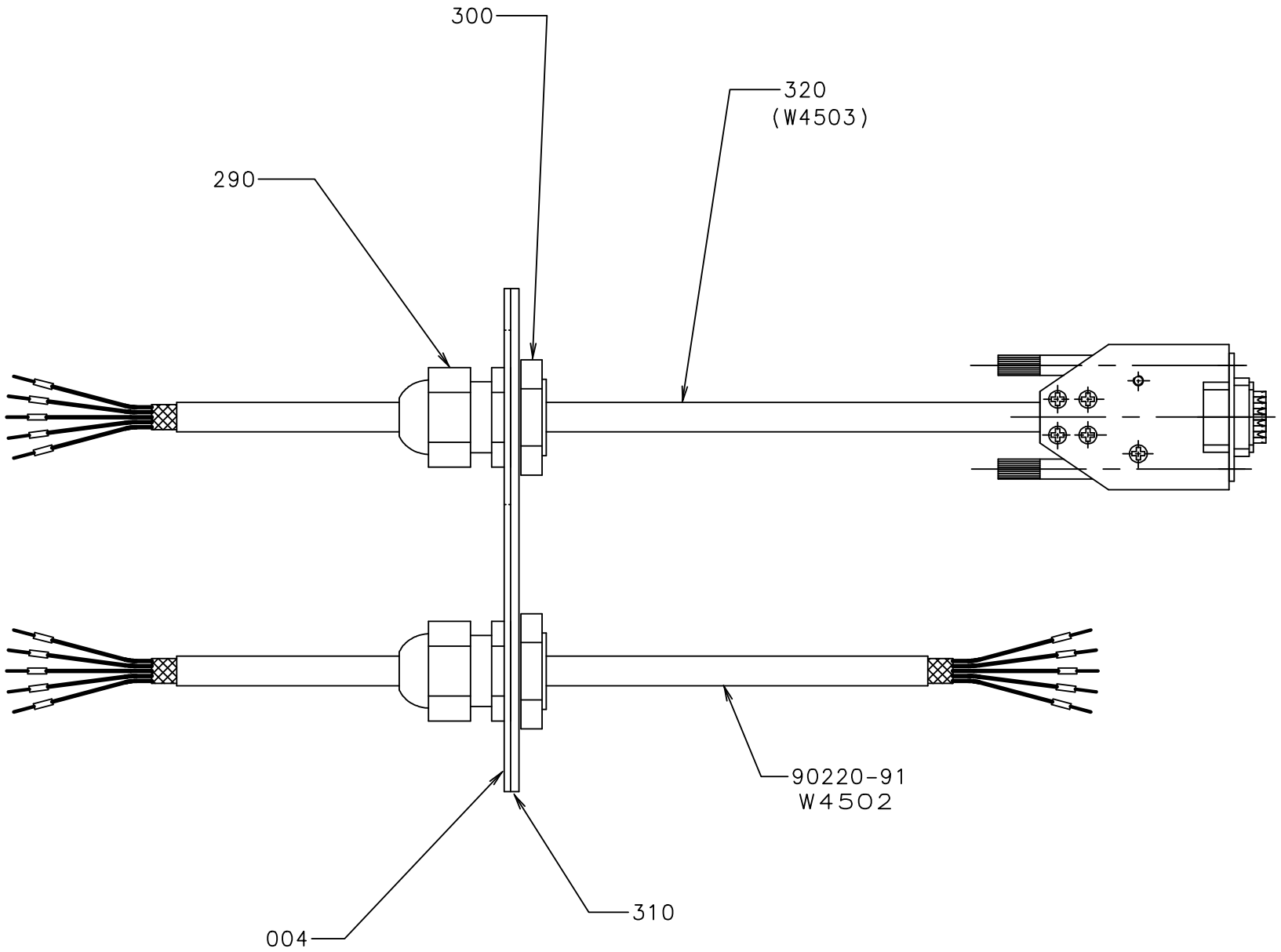
Pos	Part No	SP	UN	Qty	Description	Page No
-						
004	1129550-0000	-		2	GASKET	
006	1038876-0000	-		1	COVERING PLATE	
008	1129600-0000	-		1	BRAID	
009	1129710-0000	-		1	CANTILEVER	
010	90110-0157	-		11	CABLE HOOD 6-POL 70.352.0628.1	
020	90110-0159	A		11	MALE INSERT 70.310.0640.0	
030	352103-0108	-		11	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
040	90110-0152	-		7	CABLE HOOD 24-POL 70.352.2428.1	
045	90110-0225	-		1	CHASSIS HOUSING 310168-33	
050	90110-0150	-		7	MALE INSERT 121110 0000	
055	90110-0151	-		1	FEMALE INSERT 24-POL 121130 0000	
060	352103-0120	-		7	CABLE GLAND, STR 29, PR37,0/PG29	
070	90110-0221	-		3	CHASSIS HOUSING 310162-33	
080	90110-0163	-		3	FEMALE INSERT 70 300 0640 0	
090	352103-0110	-		3	CABLE GLAND, STR 16, PR22,5/PG16	
100	90110-0160	-		1	CABLE HOOD 6-16-POL 70.352.1628.1	
105	90110-0224	-		1	CHASSIS HOUSING 310166-33	
110	90110-0156	-		1	MALE INSERT 70.210.0653.0	
120	90110-0247	A		1	FEMALE INSERT 70.200.0653.0	
125	352103-0115	-		1	CABLE GLAND, STR 21, PR28,3/PG21	
130	352103-0116	-		3	CABLE GLAND, ST 21, PR28,3/PG21	
150	90152-0070	-	MM	800	METAL HOSE, 32,5X26, UL 2621	
160	90152-0070	-	MM	800	METAL HOSE, 32,5X26, UL 2621	
165	90152-0070	-	MM	800	METAL HOSE, 32,5X26, UL 2621	
170	90012-0134	-		2	GLAND FITTING	
192	90099-0004	-		1	NUT	
200	312145-0230	-		1	SCREW COUNTERS.SLOT.HD. MFS 3X20 SS	
205	312125-0364	-		8	SCREW SLOT.PAN HD. MCS 6X10 A480	
210	312125-0287	-		20	SCREW PAN HEAD MCS M4X8 SS	
212	312105-0366	-		4	SCREW M6S M6X12 A280	
214	315105-0153	-		4	WASHER BRB6,4X12RFR	
215	352113-0204	-		8	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
220	359005-0050	-		4	MARKING LABEL KIT X, 04.841.4550.0	
230	359005-0010	-		26	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
240	353241-0003	-		3	EXTENDED WITHOUT INSERT, PG 21	
250	1285865-0000	-		3	NUT	
260	1487854-0000	-		4	INSERT	
270	353247-0005	-		3	GLAND, PG21, 15455P21S10UL21	
280	1487926-0000	-		2	INSERT	
290	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
300	90099-0104	-		1	NUT, PR 15,2 (PG9)	
310	1487850-0000	-		1	COVER PLATE	
320	1487761-0000	-		1	CABLE SERIAL	
W 0001	351150-0426	-	M	6	CABLE OLFLEX 5X25 MM2 LIGHT/GREY	
W 2003	351150-0418	-	MM	4500	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2005	351150-0413	-	MM	7500	CABLE OLFLEX 4X1,5 MM2 LIGHT/GREY	
W 2007	351150-0418	-	MM	6500	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2008	351150-0418	-	MM	6500	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2009	351150-0418	-	M	7	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2014	351150-0418	-	MM	6700	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2015	351150-0418	-	MM	6700	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2017	351150-0412	-	MM	6500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W 2018	351150-0412	-	MM	6500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W 2019	351150-0417	-	MM	6500	CABLE OLFLEX 3X2,5 MM2 LIGHT/GREY	
W 2021	90220-0034	A	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W 2022	90220-0034	A	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W 2023	90220-0034	A	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W 2050	351150-0425	-	M	5	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 2054	351150-0425	-	M	6	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 2055	90220-0034	A	M	6	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W 2059	351150-0425	-	M	5	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 2061	351150-0425	-	MM	5800	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 2062	351150-0425	-	MM	6200	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 2066	90458-2557	-	MM	8000	CABLE OLFLEX 25X1 MM2	
W 2067	90458-2557	-	MM	8500	CABLE OLFLEX 25X1 MM2	
W 2068	1363297-0000	-		1	CABLE LVDS 10M	
W 2212	351150-0406	-	M	3	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	
W 2232	351150-0406	-	MM	1500	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	
W 4502	90220-0091	-	MM	9500	PAIR TWISTED CABLE 2X2X0,25MM2	
W2016	351150-0418	-	MM	6700	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W2016.1	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
X 2038	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
X 301	90326-0022	-		1	PLUG, MALE YELLOW CR-AL	
X 302	90326-0022	-		1	PLUG, MALE YELLOW CR-AL	
X 303	90326-0022	-		1	PLUG, MALE YELLOW CR-AL	
X 304	90326-0022	-		1	PLUG, MALE YELLOW CR-AL	

Machine Type	Group Description	Used-In	Group Number	Page No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W4502
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ECM: 116301 - 20021110
Group number: 1095752-0400
Assembly Drawing: 1095752-5_1_AA

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Pos	Part No	SP	UN	Qty	Description	Page No
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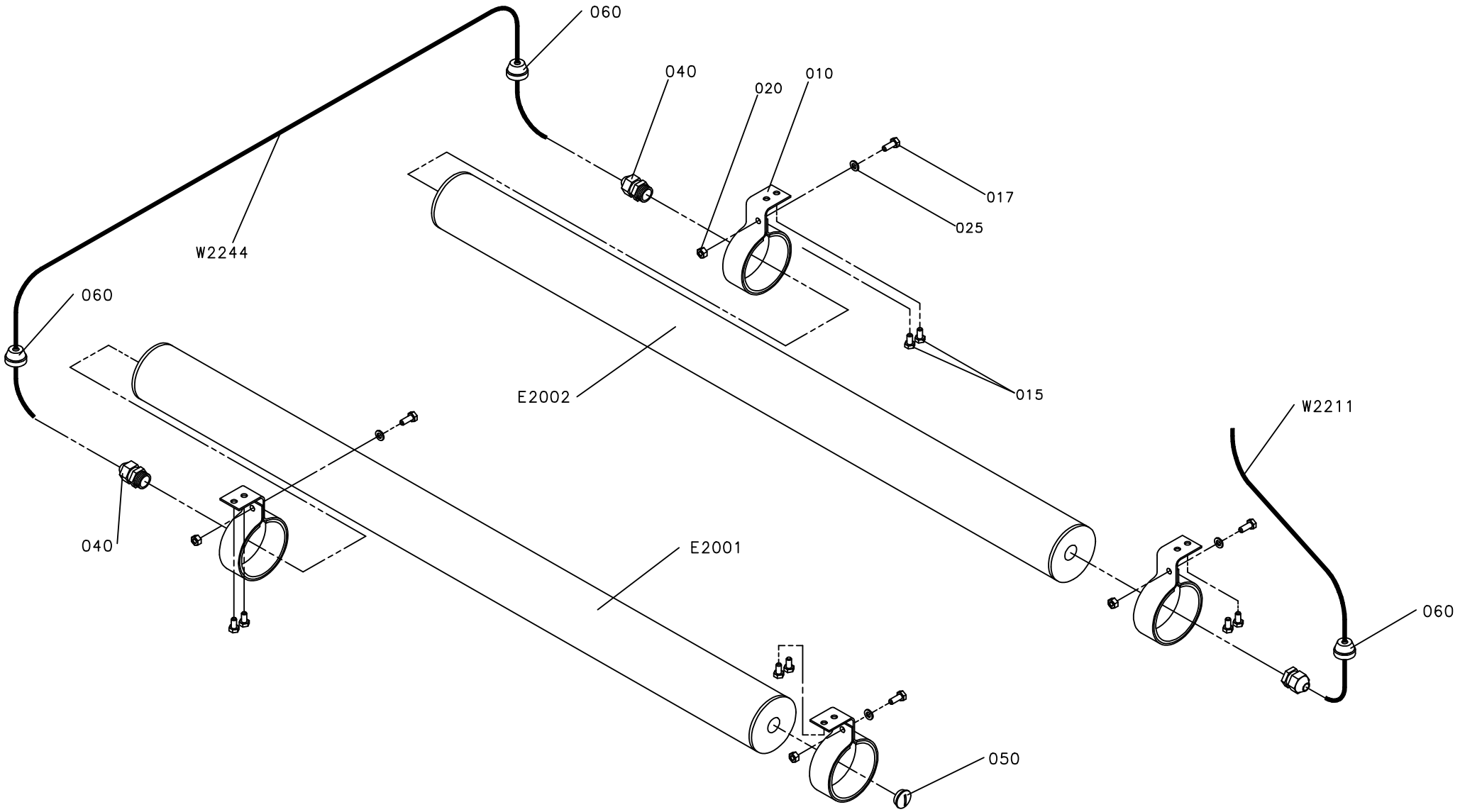
004	1129550-0000	-		2	GASKET	
006	1038876-0000	-		1	COVERING PLATE	
008	1129600-0000	-		1	BRAID	
009	1129710-0000	-		1	CANTILEVER	
010	90110-0157	-		11	CABLE HOOD 6-POL 70.352.0628.1	
020	90110-0159	A		11	MALE INSERT 70.310.0640.0	
030	352103-0108	-		11	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
040	90110-0152	-		7	CABLE HOOD 24-POL 70.352.2428.1	
045	90110-0225	-		1	CHASSIS HOUSING 310168-33	
050	90110-0150	-		7	MALE INSERT 121110 0000	
055	90110-0151	-		1	FEMALE INSERT 24-POL 121130 0000	
060	352103-0120	-		7	CABLE GLAND, STR 29, PR37,0/PG29	
070	90110-0221	-		3	CHASSIS HOUSING 310162-33	
080	90110-0163	-		3	FEMALE INSERT 70 300 0640 0	
090	352103-0110	-		3	CABLE GLAND, STR 16, PR22,5/PG16	
100	90110-0160	-		1	CABLE HOOD 6-16-POL 70.352.1628.1	
105	90110-0224	-		1	CHASSIS HOUSING 310166-33	
110	90110-0156	-		1	MALE INSERT 70.210.0653.0	
120	90110-0247	A		1	FEMALE INSERT 70.200.0653.0	
125	352103-0115	-		1	CABLE GLAND, STR 21, PR28,3/PG21	
130	352103-0116	-		3	CABLE GLAND, ST 21, PR28,3/PG21	
150	90152-0070	-	MM	800	METAL HOSE, 32,5X26, UL 2621	
160	90152-0070	-	MM	800	METAL HOSE, 32,5X26, UL 2621	
165	90152-0070	-	MM	800	METAL HOSE, 32,5X26, UL 2621	
170	90012-0134	-		2	GLAND FITTING	
192	90099-0004	-		1	NUT	
200	312145-0230	-		1	SCREW COUNTERS.SLOT.HD. MFS 3X20 SS	
205	312125-0364	-		8	SCREW SLOT.PAN HD. MCS 6X10 A480	
210	312125-0287	-		20	SCREW PAN HEAD MCS M4X8 SS	
212	312105-0366	-		4	SCREW M6S M6X12 A280	
214	315105-0153	-		4	WASHER BRB6,4X12RFR	
215	352113-0204	-		8	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
220	359005-0050	-		4	MARKING LABEL KIT X, 04.841.4550.0	
230	359005-0010	-		26	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
240	353241-0003	-		3	EXTENDED WITHOUT INSERT, PG 21	
250	1285865-0000	-		3	NUT	
260	1487854-0000	-		4	INSERT	
270	353247-0005	-		3	GLAND, PG21, 15455P21S10UL21	
280	1487926-0000	-		2	INSERT	
290	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
300	90099-0104	-		1	NUT, PR 15,2 (PG9)	
310	1487850-0000	-		1	COVER PLATE	
320	1487761-0000	-		1	CABLE SERIAL	
W 0001	351150-0426	-	M	6	CABLE OLFLEX 5X25 MM2 LIGHT/GREY	
W 2003	351150-0418	-	MM	4500	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2005	351150-0413	-	MM	7500	CABLE OLFLEX 4X1,5 MM2 LIGHT/GREY	
W 2007	351150-0418	-	MM	6500	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2008	351150-0418	-	MM	6500	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2009	351150-0418	-	M	7	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2014	351150-0418	-	MM	6700	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2015	351150-0418	-	MM	6700	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W 2017	351150-0412	-	MM	6500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W 2018	351150-0412	-	MM	6500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W 2019	351150-0417	-	MM	6500	CABLE OLFLEX 3X2,5 MM2 LIGHT/GREY	
W 2021	90220-0034	A	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W 2022	90220-0034	A	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W 2023	90220-0034	A	MM	6500	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W 2050	351150-0425	-	M	5	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 2054	351150-0425	-	M	6	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 2055	90220-0034	A	M	6	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W 2059	351150-0425	-	M	5	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 2061	351150-0425	-	MM	5800	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 2062	351150-0425	-	MM	6200	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 2066	90458-2557	-	MM	8000	CABLE OLFLEX 25X1 MM2	
W 2067	90458-2557	-	MM	8500	CABLE OLFLEX 25X1 MM2	
W 2068	1363297-0000	-		1	CABLE LVDS 10M	
W 2212	351150-0406	-	M	3	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	
W 2232	351150-0406	-	MM	1500	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	
W 4502	90220-0091	-	MM	9500	PAIR TWISTED CABLE 2X2X0,25MM2	
W2016	351150-0418	-	MM	6700	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
W2016.1	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
X 2038	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
X 301	90326-0022	-		1	PLUG, MALE YELLOW CR-AL	
X 302	90326-0022	-		1	PLUG, MALE YELLOW CR-AL	
X 303	90326-0022	-		1	PLUG, MALE YELLOW CR-AL	
X 304	90326-0022	-		1	PLUG, MALE YELLOW CR-AL	

Machine Type | Group Description | Used-In | Group Number | Page No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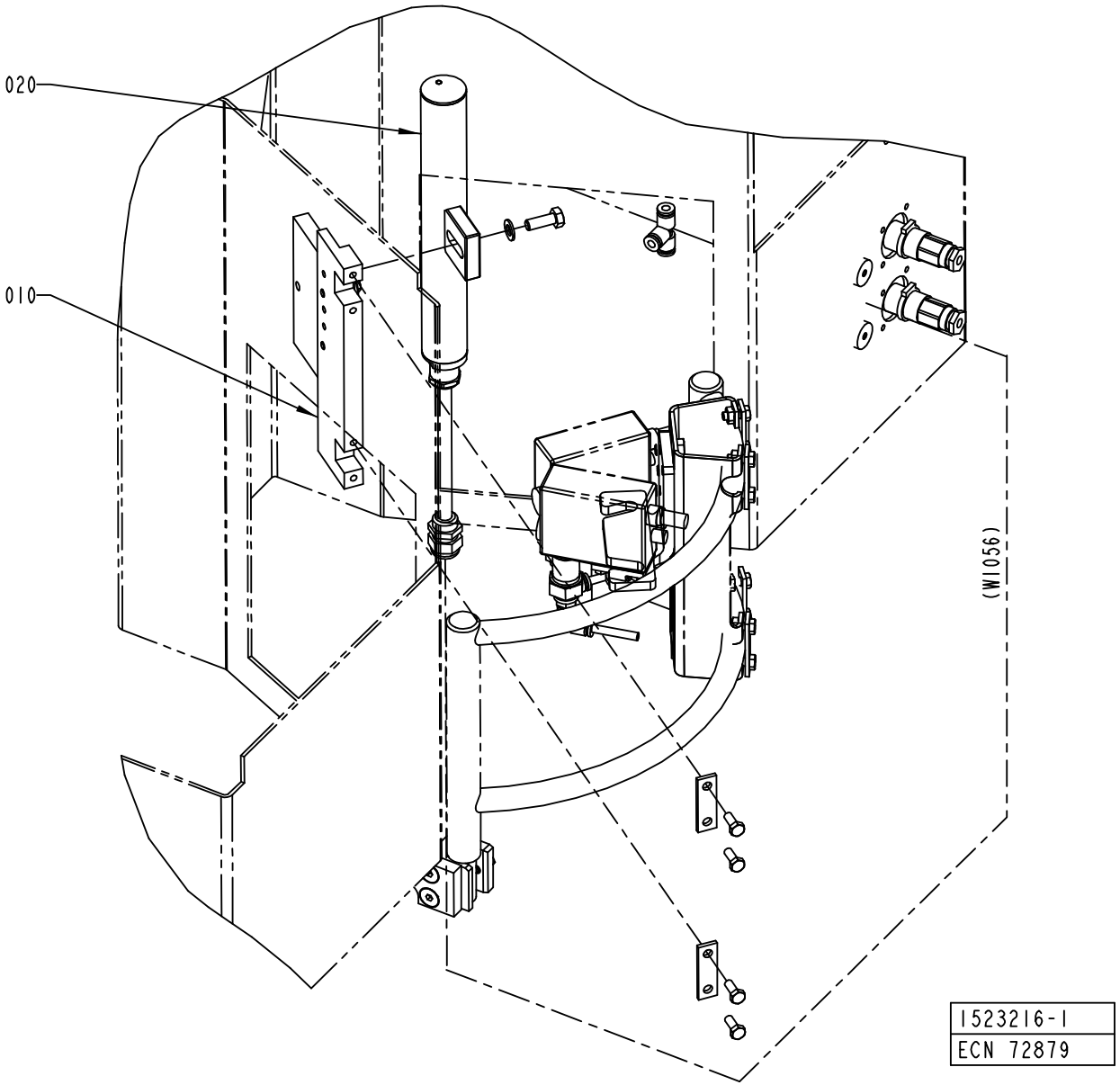
ECM: 81705 - 20001031
Group number: 1095861-0100
Assembly Drawing: 1095861-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1140129-0000	-		4	HOLDER	
015	312105-0366	-		8	SCREW M6S M6X12 A280	
017	312105-0368	-		4	SCREW M6S M6X16 A280	
020	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
025	315105-0153	-		4	WASHER BRB6,4X12RFR	
040	352103-0106	-		3	CABLE GLAND, ST 11, PR18,6/PG11	
050	90002-0009	-		1	BLANK-OFF PLUG, PR 18.6 SKINDICHT-BLK11	
060	90015-0023	-		3	LEAD-IN, TET7-10, E-1458019	
E 2001	90457-0149	B		1	LIGHT FIXTURE, RL 70V-118D	
	90297-0002	*-*		*1*	*FLUORESCENT TUBE, TLD 18/33*	
	90164-0303	*-*		*1*	*BRACKET SK2202 WALDMANN*	
	90164-0302	*-*		*1*	*BRACKET*	
E 2002	90457-0149	B		1	LIGHT FIXTURE, RL 70V-118D	
	90297-0002	*-*		*1*	*FLUORESCENT TUBE, TLD 18/33*	
	90164-0303	*-*		*1*	*BRACKET SK2202 WALDMANN*	
	90164-0302	*-*		*1*	*BRACKET*	
W 2211	351150-0412	-	MM	1800	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W 2244	351150-0412	-	MM	2000	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	

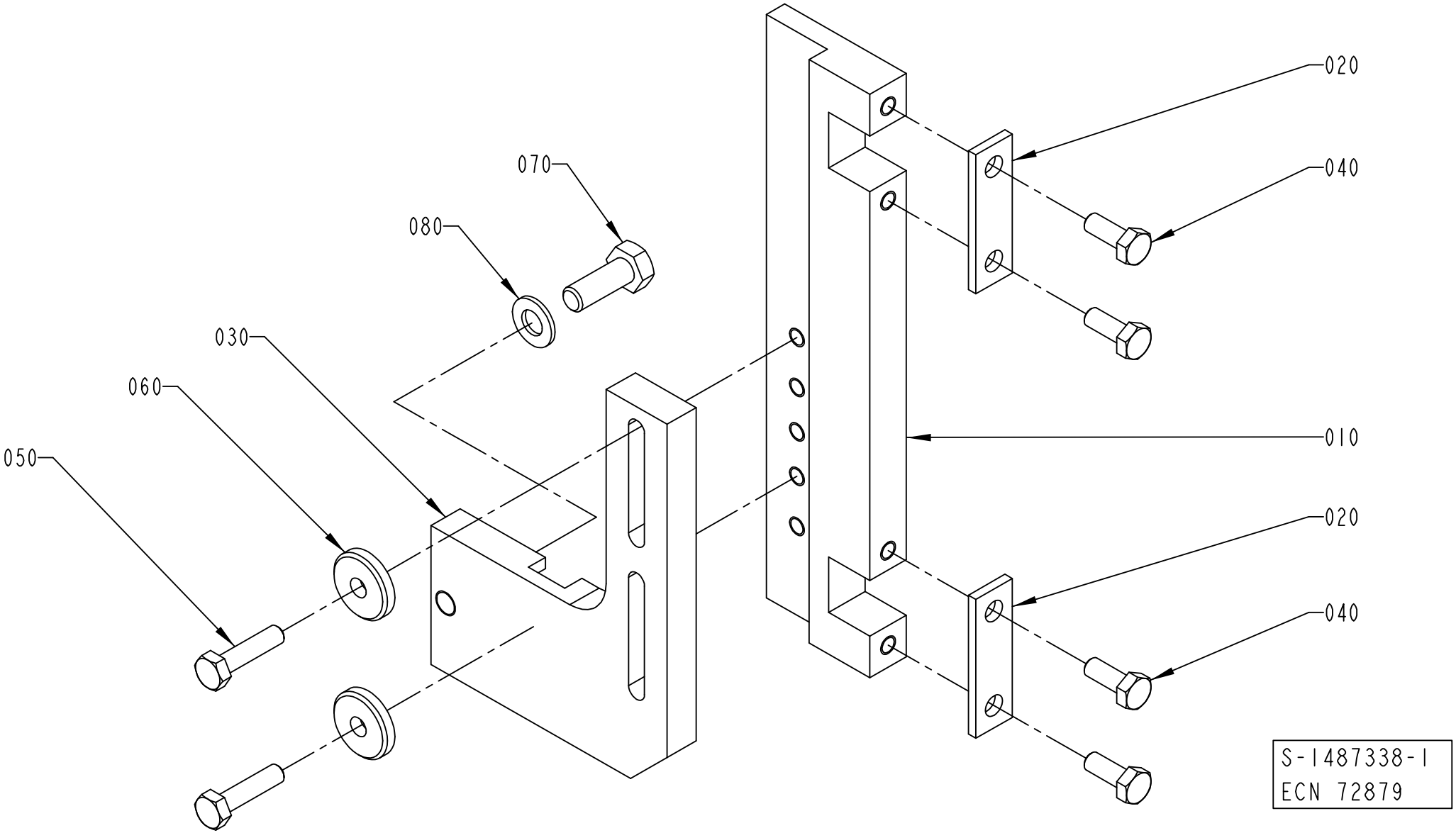
Pos	Part No	SP	UN	Qty	Description	Page No


020
010
(W1056)
1523216-1
ECN 72879

ECM: 72879 - 20000331
Group number: 1523216-0100
Assembly Drawing: 1523216-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1487338-0100	-		1	SUPPORT LEVEL DETECTOR	**291, 293**
020	1334989-0100	-		1	LEVEL PROBE	**295**

Pos	Part No	SP	UN	Qty	Description	Page No


020
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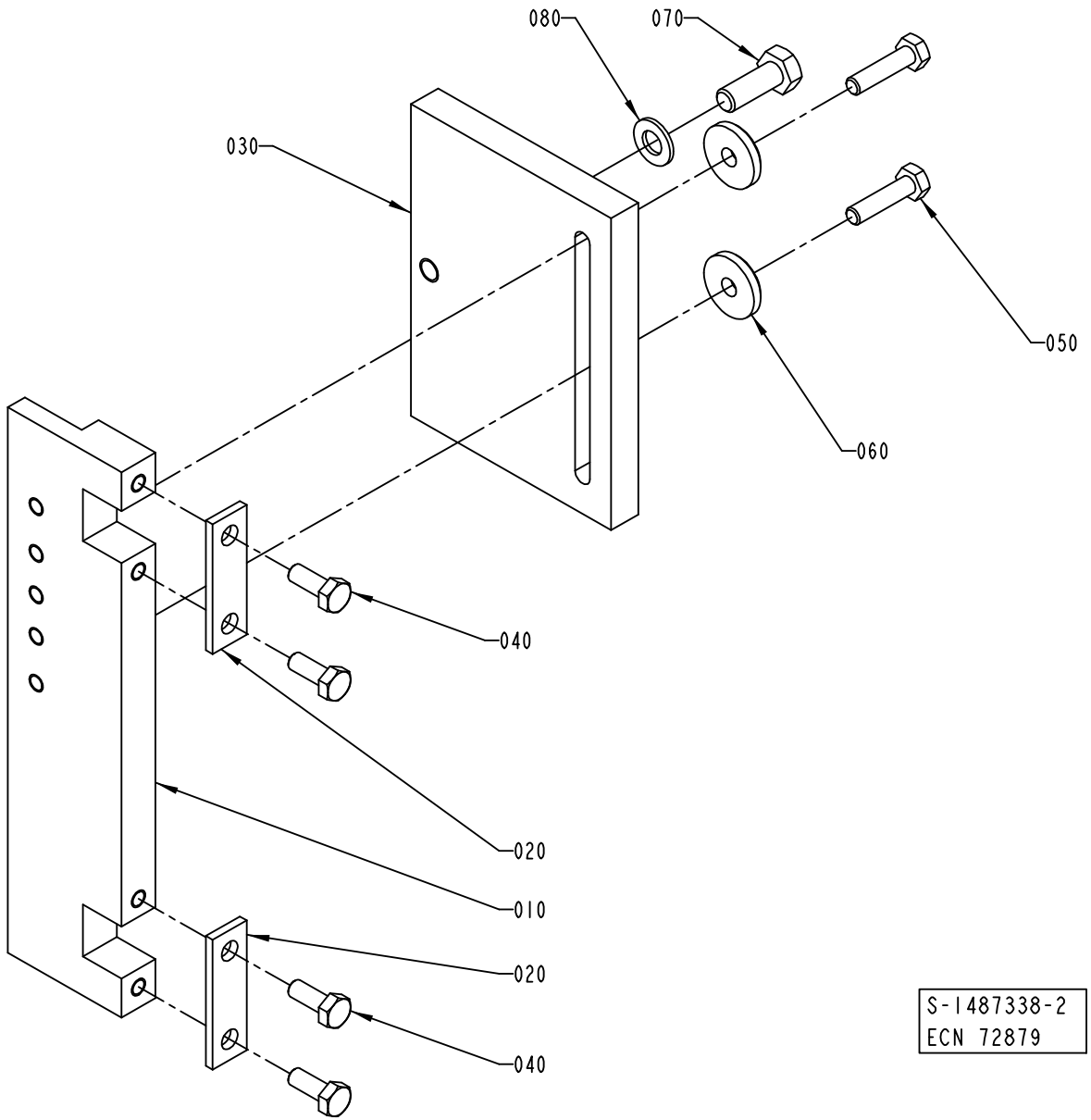
S-1487338-1
ECN 72879

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ (See drawing on page: 290)						
030	1348359-0000	-		1	BRACKET	
TBA 0500S, TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S, TPA 1000SQ (See drawing on page: 292)						
030	1317475-0000	-		1	BRACKET	
Common Parts						
010	1317476-0000	-		1	BRACKET	
020	1036673-0000	-		2	WASHER	
040	312105-0368	-		4	SCREW M6S M6X16 A280	
050	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
060	315125-0153	-		2	WASHER TBRSB 6,4X22X4 A4	
070	312105-0452	-		1	SCREW M6S ISO 4017 M8X22 A480	
080	315105-0165	-		1	WASHER BRB8,4X16RFR	

Pos	Part No	SP	UN	Qty	Description	Page No


080
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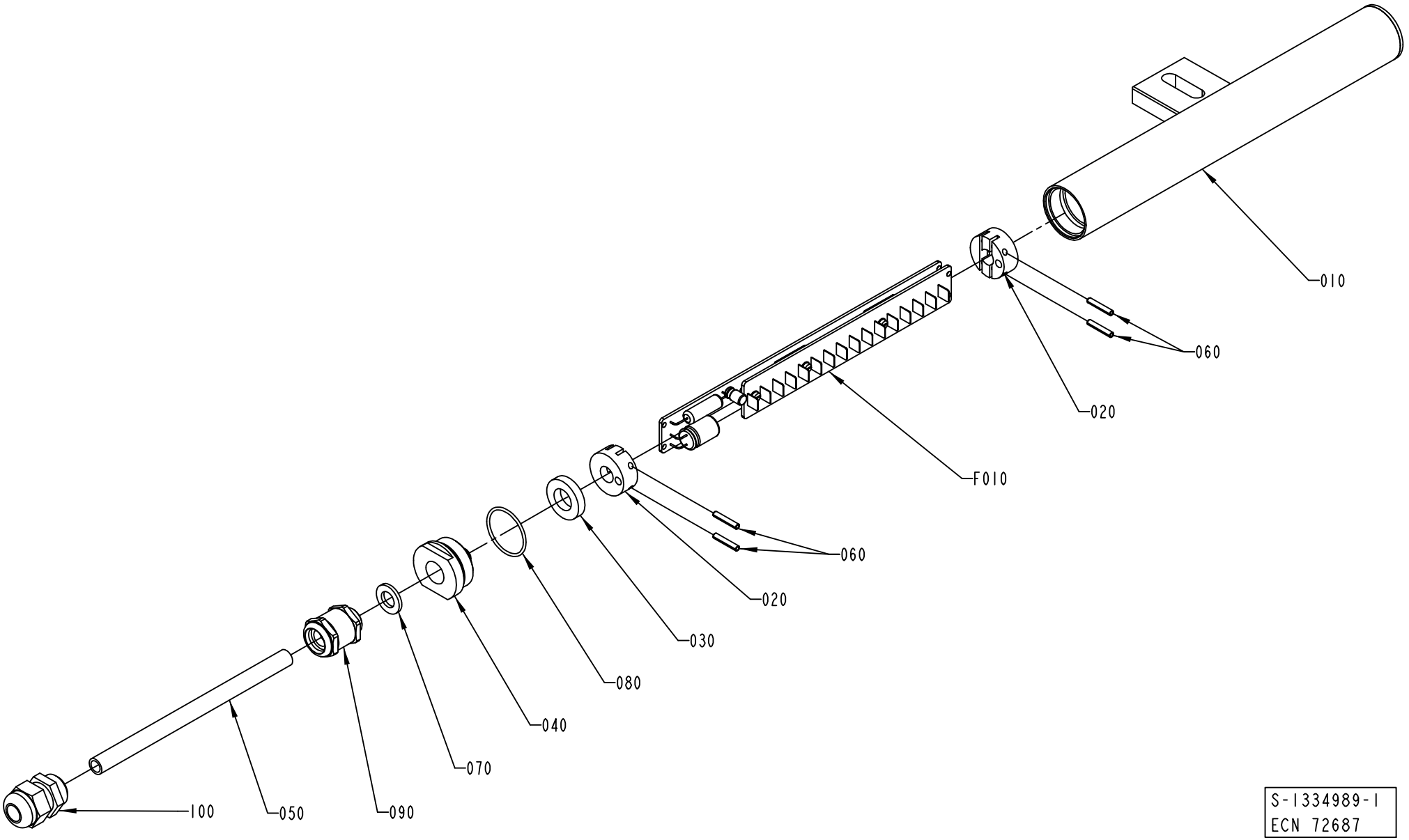
S-1487338-2
ECN 72879

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ (See drawing on page: 290)						
030	1348359-0000	-		1	BRACKET	
TBA 0500S, TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S, TPA 1000SQ (See drawing on page: 292)						
030	1317475-0000	-		1	BRACKET	
Common Parts						
010	1317476-0000	-		1	BRACKET	
020	1036673-0000	-		2	WASHER	
040	312105-0368	-		4	SCREW M6S M6X16 A280	
050	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
060	315125-0153	-		2	WASHER TBRSB 6,4X22X4 A4	
070	312105-0452	-		1	SCREW M6S ISO 4017 M8X22 A480	
080	315105-0165	-		1	WASHER BRB8,4X16RFR	

Pos	Part No	SP	UN	Qty	Description	Page No


010
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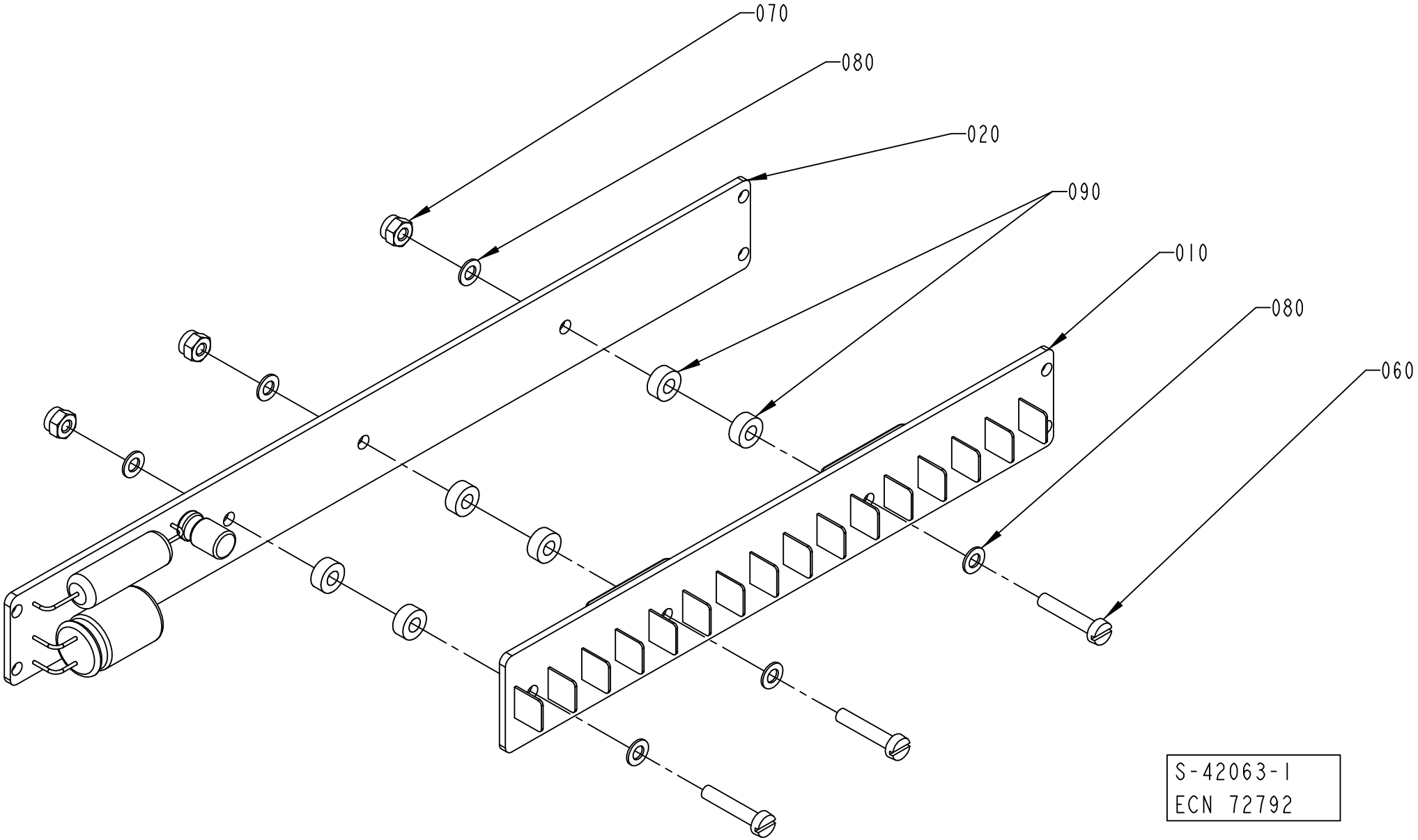
S-1334989-1
ECN 72687

ECM: 72687 - 20000214
Group number: 1334989-0100
Assembly Drawing: 1334989-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	925999-0000	C		1	PROTECTION PIPE	
020	925877-0000	C		2	SUPPORT	
030	736514-0000	C		1	SHOCK ABSORBER	
040	926820-0000	C		1	PLUG	
050	90220-0085	-	M	11	CABLES, MULTI-CONDUCTOR SCREENED	
060	311111-0209	-		4	SPRING PIN ISO 8752 3X18-ST	
070	315105-0171	-		1	WASHER BRB10X18	
080	315202-0120	C		1	O-RING 27,1X1,6 MM	
090	90012-0119	-		1	GLAND, EXTENDED WITH INSERT, PG9	
100	352103-0106	-		1	CABLE GLAND, ST 11, PR18,6/PG11	
F010	42063-0100	C		1	LEVEL DETECTOR	**297**

Pos	Part No	SP	UN	Qty	Description	Page No


070
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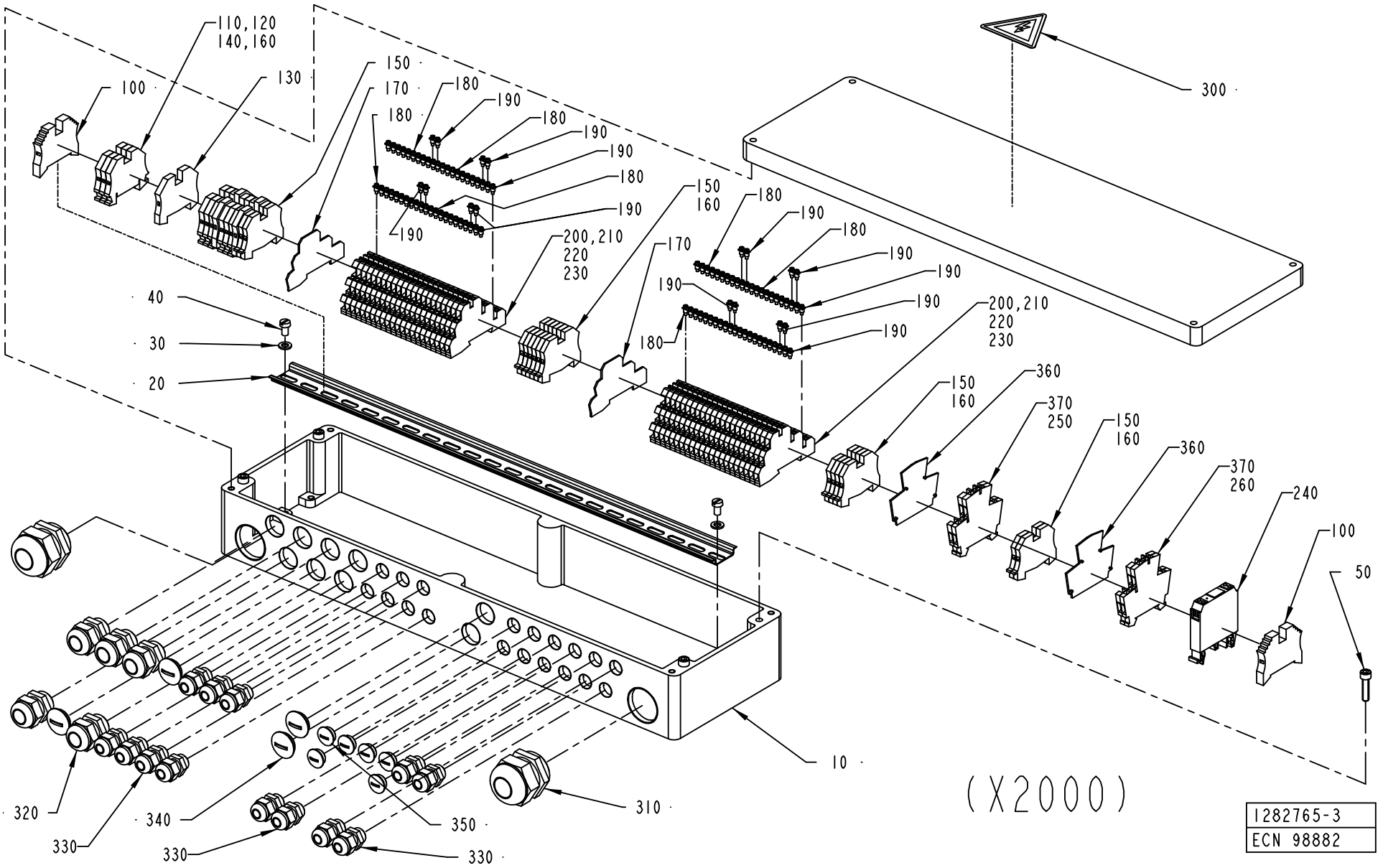
S-42063-I
ECN 72792

ECM: 114546 - 20020930
Group number: 42063-0100
Assembly Drawing: 42063-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	42067-0100	-		1	SENSOR BOARD	
020	42068-0100	-		1	CONVERTER BOARD	
060	312125-0228	-		3	SCREW PAN HEAD MCS M3X16 A480	
070	312812-0310	-		3	HEXAGON NUT, NY-LOCK M3 A480	
080	315105-0124	-		6	BRICKA BRB3,2X6RFR	
090	90005-0143	-		6	SPACER 3,3/7, H=3	

Pos	Part No	SP	UN	Qty	Description	Page No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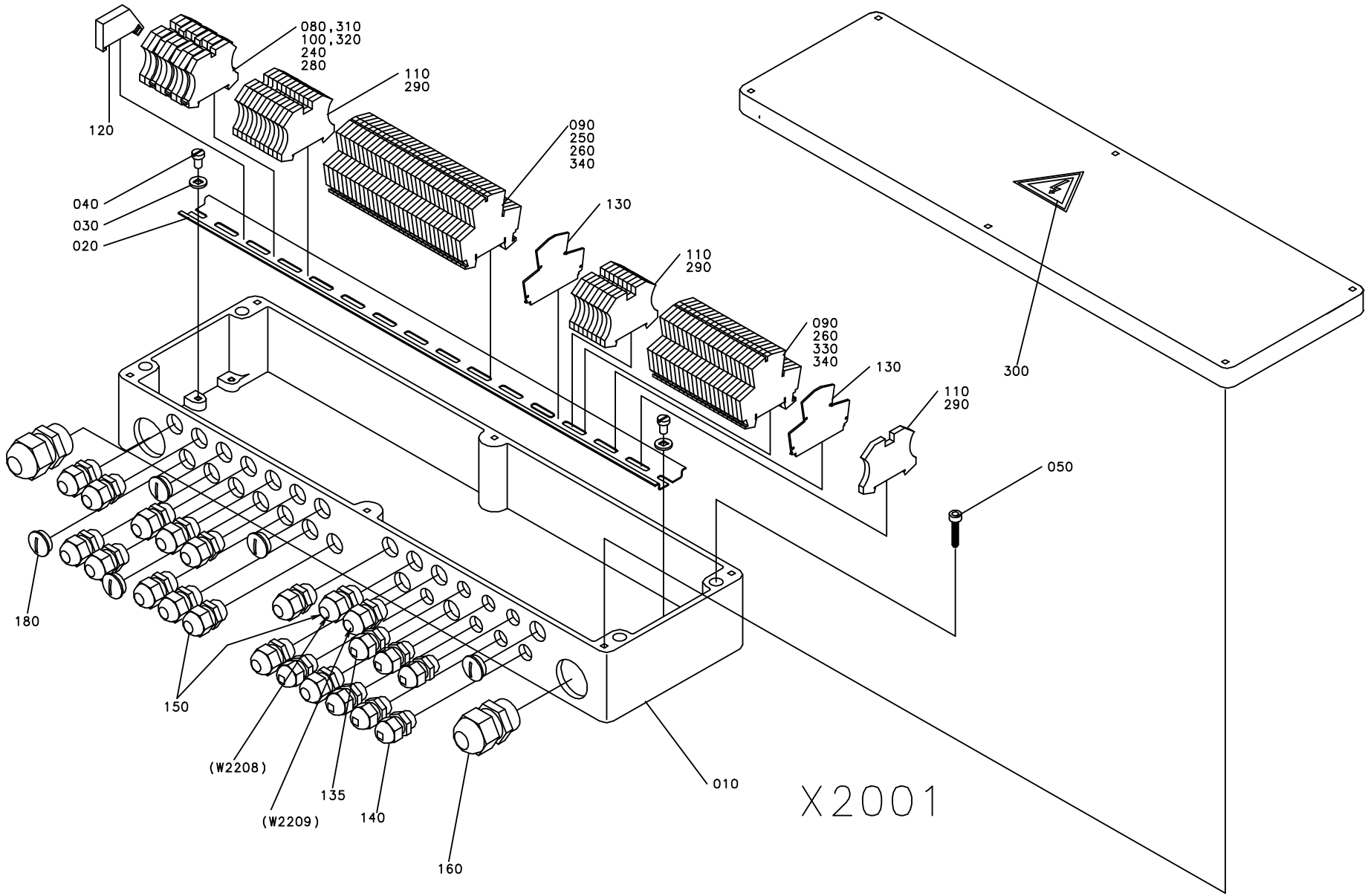
350
(X2000)
1282765-3
ECN 98882

ECM: 100382 - 20020927
Group number: 1282765-0200
Assembly Drawing: 1282765-3_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1282767-0000	-		1	CONNECTION BOX	
020	1129504-0000	-		1	MOUNTING RAIL	
030	315105-0153	-		2	WASHER BRB6,4X12RFR	
040	312125-0364	-		2	SCREW SLOT.PAN HD. MCS 6X10 A480	
050	312115-0372	-		4	SCREW ISO4762 M6X25 A4	
100	353031-0203	-		2	END SUPPORT, WEW 35/2	
110	353021-0213	-		9	FEED THROUGH TERMINAL, 10201.0	
120	359011-0821	-		2	SET OF SIGNS 6-FW 1-50	
130	353024-0205	-		3	EARTH TERMINAL, 1010.1	
140	359011-0834	-		1	SET OF SIGNS 6-GW(EARTH)	
150	353024-0204	-		14	EARTH TERMINAL WPE 2,5	
160	359011-0819	-		1	MARKING PLATES 5-GW (EARTH)	
170	353032-0302	-		2	END PLATE WAP	
180	353034-0404	-		8	BRIDGE CONNECTOR Q10, 13131.0	
190	353034-0401	-		12	BRIDGE CONNECTOR Q2, 13125.0	
200	353021-0302	-		44	TERMINALS,TRIPLE-LEVEL, DLD 2,5/35 PA	
210	359011-0823	-		2	SET OF SIGNS 6-FW 101-150	
220	359011-0832	-		2	SET OF SIGNS 6-GW (+)	
230	359011-0833	-		2	SET OF SIGNS 6-GW (-)	
240	90119-0063	-		1	OPTO-RELAY, DC/DC AMMS-10-1/30VDC	
250	359011-0809	-		2	MARKING PLATES 5-FW 101-150	
260	359011-0810	-		2	MARKING PLATES 5-FW 151-200	
300	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
310	352103-0120	-		2	CABLE GLAND, STR 29, PR37,0/PG29	
320	352103-0111	-		5	CABLE GLAND, ST 16, PR22,5/PG16	
330	352103-0101	-		13	CABLE GLAND, ST 9, PR15,2/PG9	
340	90002-0004	-		4	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
350	90002-0013	-		6	BLANK-OFF PLUG, PR 15,2 SKINDICHT-BLK9	
360	353032-0010	-		2	END PLATE WAP	
370	353021-0120	-		4	FEED THROUGH TERMINAL, 10215.8	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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150
(W2208)
135
(W2209)
140
160
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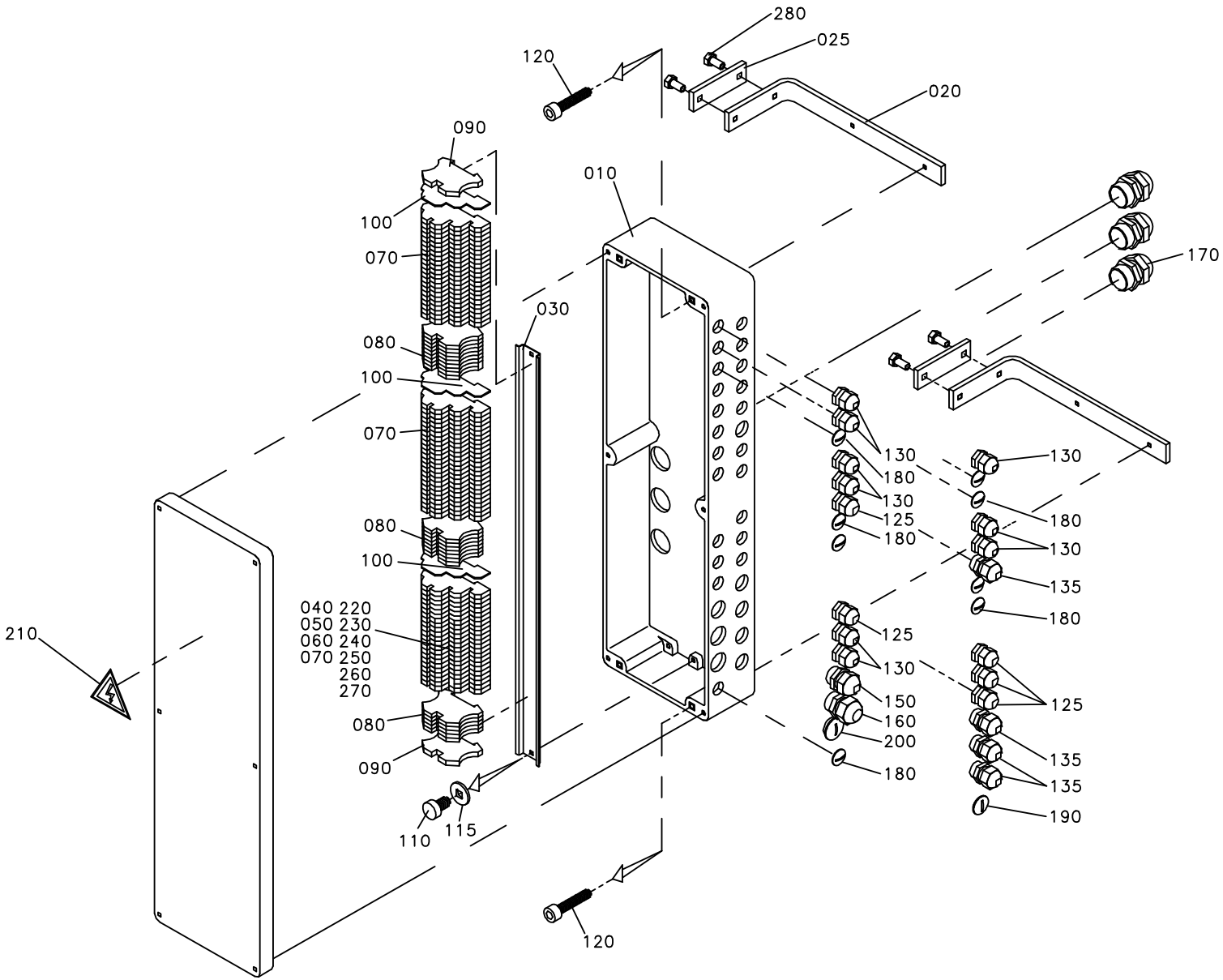
X2001

ECM: 71320 - 19980511
Group number: 1282766-0100
Assembly Drawing: 1282766-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1282768-0000	-		1	CONNECTION BOX	
020	1129504-0000	-		1	MOUNTING RAIL	
030	315105-0153	-		2	WASHER BRB6,4X12RFR	
040	312125-0364	-		2	SCREW SLOT.PAN HD. MCS 6X10 A480	
050	312115-0372	-		4	SCREW ISO4762 M6X25 A4	
080	353021-0213	-		6	FEED THROUGH TERMINAL, 10201.0	
090	353021-0120	-		52	FEED THROUGH TERMINAL, 10215.8	
100	353024-0205	-		3	EARTH TERMINAL, 1010.1	
110	353024-0204	-		20	EARTH TERMINAL WPE 2,5	
120	353031-0201	-		1	END BRACKET EW35	
130	353032-0010	-		2	END PLATE WAP	
135	352103-0100	-		1	CABLE GLAND, STR 9, PR15,2/PG9	
140	352103-0101	-		6	CABLE GLAND, ST 9, PR15,2/PG9	
150	352103-0106	-		15	CABLE GLAND, ST 11, PR18,6/PG11	
160	352103-0120	-		2	CABLE GLAND, STR 29, PR37,0/PG29	
180	90002-0009	-		5	BLANK-OFF PLUG, PR 18.6 SKINDICHT-BLK11	
240	359011-0821	-		2	SET OF SIGNS 6-FW 1-50	
250	359011-0809	-		2	MARKING PLATES 5-FW 101-150	
260	359011-0810	-		2	MARKING PLATES 5-FW 151-200	
280	359011-0834	-		1	SET OF SIGNS 6-GW(EARTH)	
290	359011-0819	-		1	MARKING PLATES 5-GW (EARTH)	
300	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
310	353034-0039	-		1	BRIDGE CONNECTOR WQV 4/4, 10546.6	
320	353034-0031	-		1	BRIDGE CONNECTOR, WQV 4/10, 10520.6	
330	353034-0042	-		1	BRIDGE CONNECTOR WQV 2,5/3	
340	353034-0030	-		7	BRIDGE CONNECTOR WQV 2,5/10, 10544.6	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type	Group Description	Used-In	Group Number	Page No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040 220
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060 240
070 250
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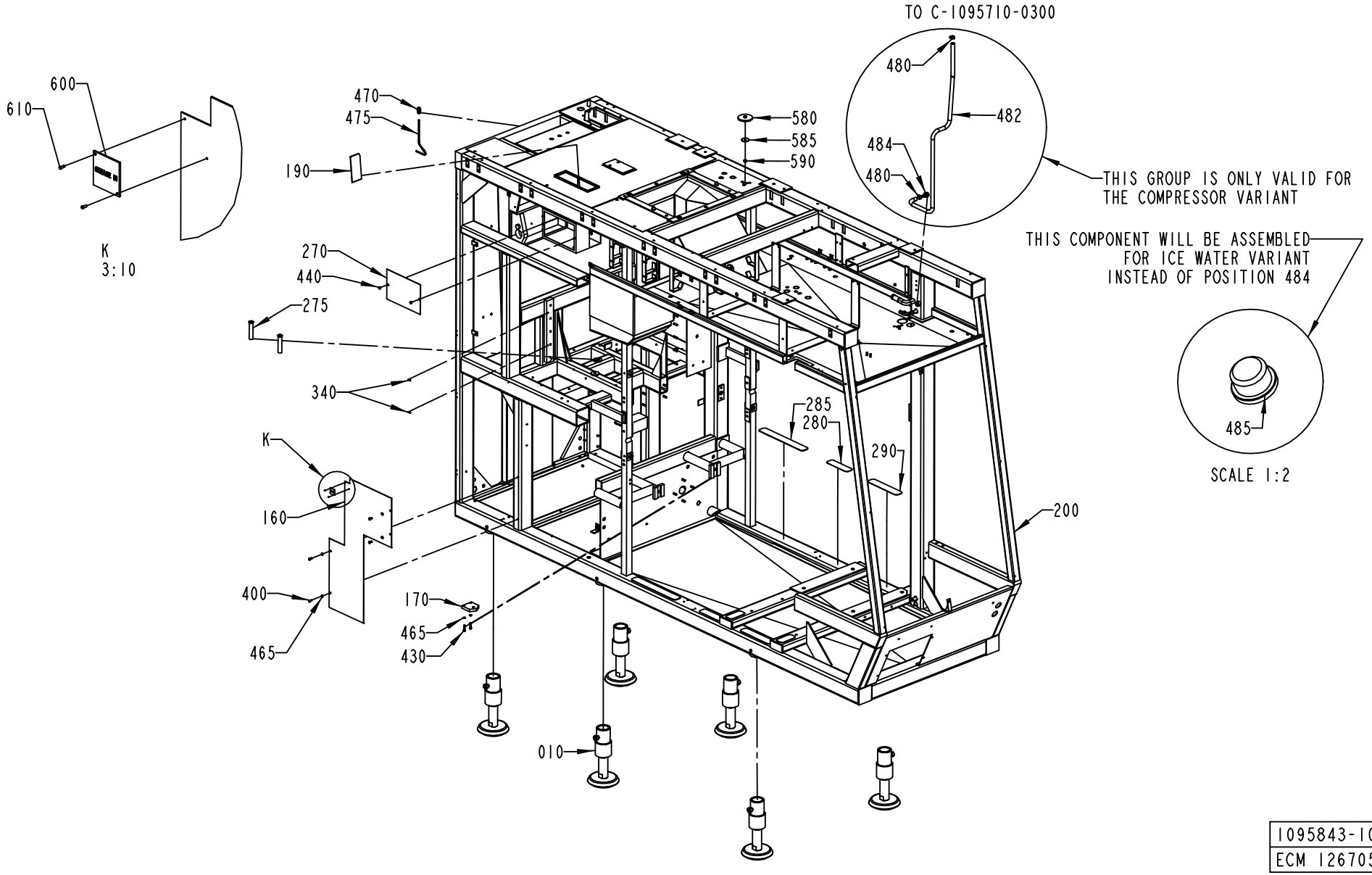
ECM: 70932 - 19971127
Group number: 1095750-0200
Assembly Drawing: 1095750-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1255838-0000	-		1	CONNECTION BOX	
020	1129050-0000	-		2	FASTENING BRACKET	
025	1129051-0000	-		2	SPACER PLATE	
030	1129504-0000	-		1	MOUNTING RAIL	
040	353034-0404	-		12	BRIDGE CONNECTOR Q10, 13131.0	
050	353034-0403	-		5	BRIDGE CONNECTOR Q4, 13127,0	
060	353034-0401	-		15	BRIDGE CONNECTOR Q2, 13125.0	
070	353021-0302	-		68	TERMINALS,TRIPLE-LEVEL, DLD 2,5/35 PA	
080	353024-0204	-		20	EARTH TERMINAL WPE 2,5	
090	353024-0205	-		2	EARTH TERMINAL, 1010.1	
100	353032-0302	-		3	END PLATE WAP	
110	312125-0364	-		2	SCREW SLOT.PAN HD. MCS 6X10 A480	
115	315105-0153	-		2	WASHER BRB6,4X12RFR	
120	312115-0372	-		4	SCREW ISO4762 M6X25 A4	
125	352103-0100	-		5	CABLE GLAND, STR 9, PR15,2/PG9	
130	352103-0101	-		9	CABLE GLAND, ST 9, PR15,2/PG9	
135	352103-0106	-		4	CABLE GLAND, ST 11, PR18,6/PG11	
150	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
160	352103-0111	-		1	CABLE GLAND, ST 16, PR22,5/PG16	
170	352103-0116	-		3	CABLE GLAND, ST 21, PR28,3/PG21	
180	90002-0013	-		8	BLANK-OFF PLUG, PR 15,2 SKINDICHT-BLK9	
190	90002-0009	-		1	BLANK-OFF PLUG, PR 18.6 SKINDICHT-BLK11	
200	90002-0004	-		1	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
210	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
220	359011-0823	-		2	SET OF SIGNS 6-FW 101-150	
230	359011-0819	-		1	MARKING PLATES 5-GW (EARTH)	
240	359011-0834	-		1	SET OF SIGNS 6-GW(EARTH)	
250	359011-0832	-		3	SET OF SIGNS 6-GW (+)	
260	359011-0833	-		3	SET OF SIGNS 6-GW (-)	
270	359011-0824	-		2	SET OF SIGNS 6-FW 151-200	
280	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	

Pos	Part No	SP	UN	Qty	Description	Page No



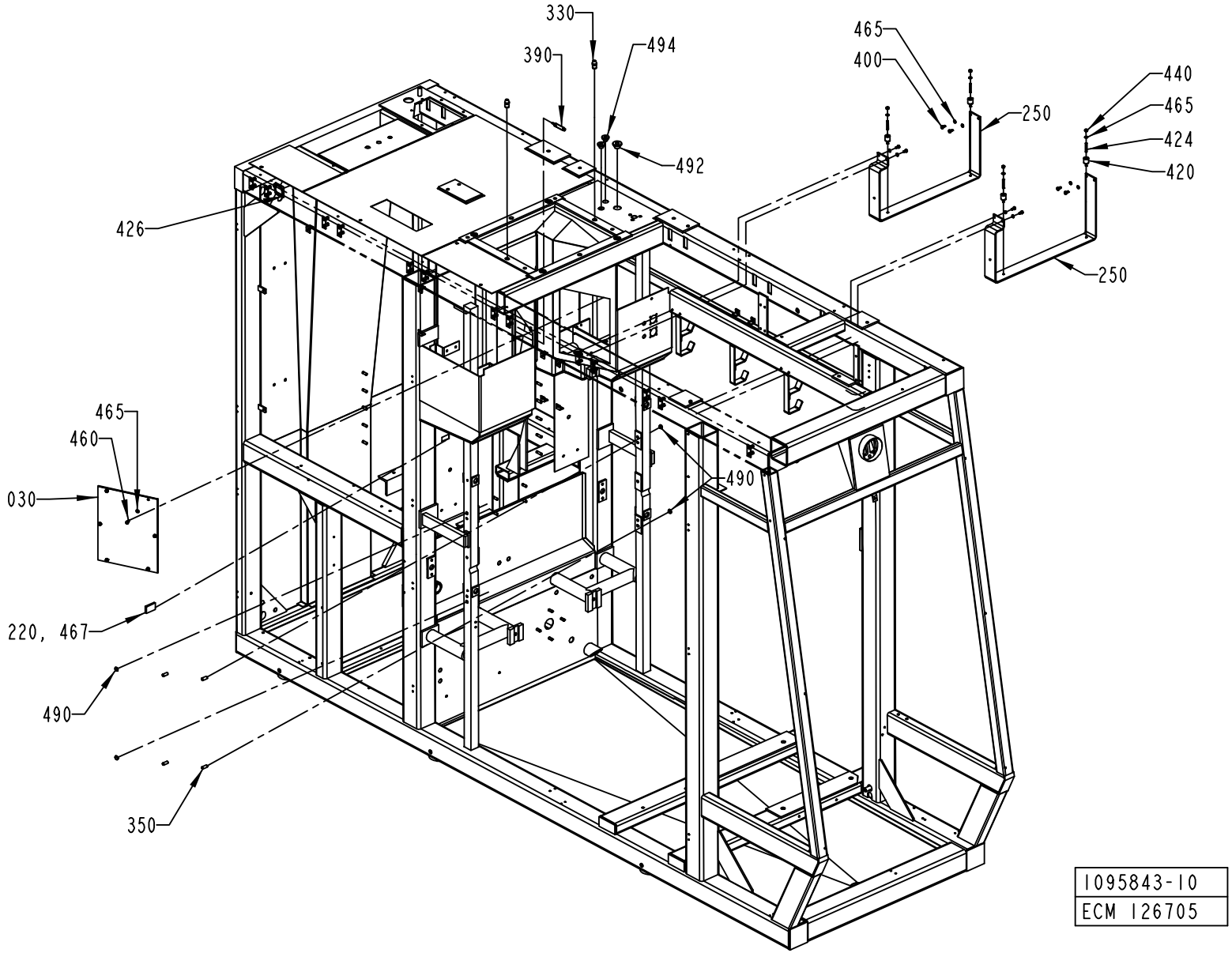
1095843-10
ECM 126705

ECM: 127003 - 20030209
Group number: 1095843-0300
Assembly Drawing: 1095843-10_1_AB

This list covers pages from 304 to 309

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1035076-0200	-		6	LEG	**311, 1007**
020	1095803-0100	-		1	BENDING ROLLER	**313**
030	1254275-0100	-		2	LID	**315**
040	1095880-0100	-		1	DRAINING	**317**
160	1487348-0000	-		1	PROTECTION PLATE	
170	1260435-0000	-		1	BRACKET	
180	591341-0000	-		2	PIN	
190	590227-0000	-		1	PLATE	
200	1349016-0000	-		1	MACHINE BODY	
210	1279797-0000	-		1	PIPE	
220	1129527-0000	-		1	GLASS PANE	
240	1279798-0000	-		1	PIPE	
250	1129536-0000	-		2	BOW	
260	1037832-0000	-		1	BEAM	
270	1037592-0000	-		1	HATCH	
275	1129569-0000	-		2	SLEEVE	
280	1103298-0000	-		2	NON-SKID	
285	1103299-0000	-		2	NON-SKID	
290	1103300-0000	-		2	NON-SKID	
300	1296833-0000	-		2	NON-SKID	
320	1037762-0000	-		2	PIN	
330	1037761-0000	-		2	PIN	
340	311103-0308	-		4	PARALLEL PIN ISO 2338 5M6X16 A1	
350	311103-0456	-		4	PARALLELL PIN, M6, 10X25 MM	
370	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
390	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
400	312105-0366	-		14	SCREW M6S M6X12 A280	
410	312115-0501	-		2	SCREW ISO4762 M10X50 A4	
420	90347-0160	-		4	DAMPER	
424	312318-0378	-		4	SCREW ISO4029 M6X40 A4	
426	90261-0070	-		2	PLASTIC PLUG SS 0082.31	
430	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
440	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
445	315220-0198	-		1	V-RINGS 45X55X13 MM V-50S	
450	315220-0180	-		1	V-RINGS 34X42X10,5 MM V-38S	
460	312105-0368	-		12	SCREW M6S M6X16 A280	
465	315105-0153	-		32	WASHER BRB6,4X12RFR	
467	90157-0041	-		1	SEALING COMPOUND	
470	342768-0102	-		2	BULKHEAD CONNECTOR, 6 MM	
475	90166-0081	-	MM	500	TUBE 6 MM PA BLUE	
480	342991-0101	-		1	HOSE CLIP,WORM DRIVE TYPE (13)-16	
482	90166-0121	-	MM	1700	HOSE	
484	342901-0105	-		1	HOSE NIPPLE, EXT.THR. R1/2-12 MM	
485	342713-0213	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-120	
488	90166-0059	-	MM	2000	HOSE PVC 12/16MM TRANSP.	
490	90261-0057	-		4	PLUG, BLIND, PLASTIC	
492	90015-0022	-		1	LEAD-IN, TET14-20, E-1458029	
494	90015-0021	-		2	LEAD-IN, TET10-14, E-1458023	
496	90015-0024	-		1	LEAD-IN, TET20-26, E-1458035	
510	90166-0260	-	MM	2	HOSE	
530	90411-0020	-	MM	2	INSULATING TUBE	
540	342991-0104	-		2	HOSE CLIP,WORM DRIVE TYPE (23)-27	
550	352113-0104	-		8	CLIP STRIP, 300X4,8 MM	
560	1498050-0000	-		1	BRACKET	
570	312155-0368	-		1	SCREW EN 10642 MF6S M6X16 A480	
580	1511244-0000	-		1	COVER	
585	1511245-0000	-		1	WASHER	
590	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
600	2602989-0000	-		1	SIGN	
610	312502-0120	-		2	DRIVE SCREW ROUND HEAD KDS 0X5	

Machine Type | Group Description | Used-In | Group Number | Page No


330
390
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1095843-10
ECM 126705

ECM: 127003 - 20030209
Group number: 1095843-0300
Assembly Drawing: 1095843-10_2_AB

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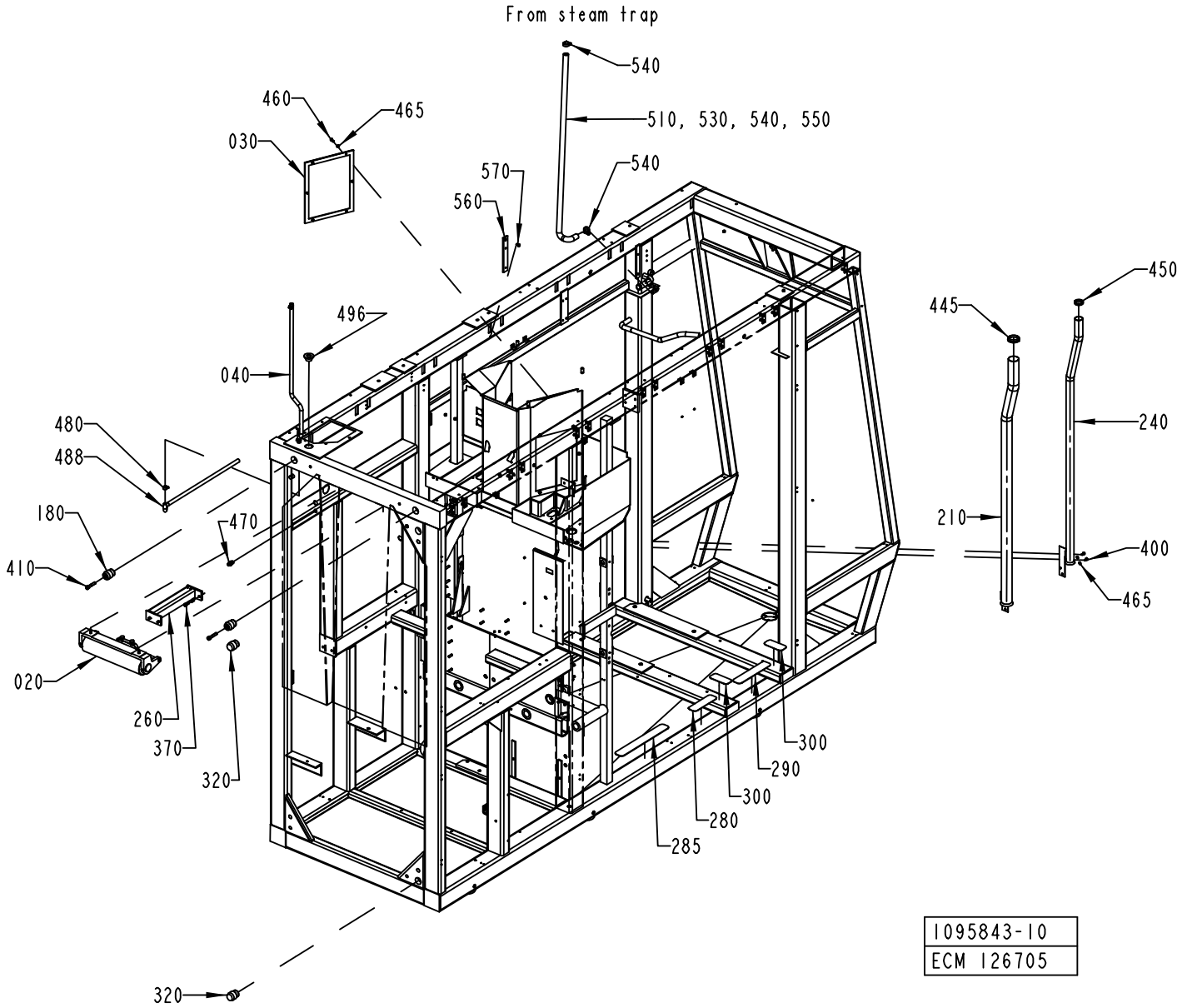
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1035076-0200	-		6	LEG	**311, 1007**
020	1095803-0100	-		1	BENDING ROLLER	**313**
030	1254275-0100	-		2	LID	**315**
040	1095880-0100	-		1	DRAINING	**317**
160	1487348-0000	-		1	PROTECTION PLATE	
170	1260435-0000	-		1	BRACKET	
180	591341-0000	-		2	PIN	
190	590227-0000	-		1	PLATE	
200	1349016-0000	-		1	MACHINE BODY	
210	1279797-0000	-		1	PIPE	
220	1129527-0000	-		1	GLASS PANE	
240	1279798-0000	-		1	PIPE	
250	1129536-0000	-		2	BOW	
260	1037832-0000	-		1	BEAM	
270	1037592-0000	-		1	HATCH	
275	1129569-0000	-		2	SLEEVE	
280	1103298-0000	-		2	NON-SKID	
285	1103299-0000	-		2	NON-SKID	
290	1103300-0000	-		2	NON-SKID	
300	1296833-0000	-		2	NON-SKID	
320	1037762-0000	-		2	PIN	
330	1037761-0000	-		2	PIN	
340	311103-0308	-		4	PARALLEL PIN ISO 2338 5M6X16 A1	
350	311103-0456	-		4	PARALLELL PIN, M6, 10X25 MM	
370	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
390	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
400	312105-0366	-		14	SCREW M6S M6X12 A280	
410	312115-0501	-		2	SCREW ISO4762 M10X50 A4	
420	90347-0160	-		4	DAMPER	
424	312318-0378	-		4	SCREW ISO4029 M6X40 A4	
426	90261-0070	-		2	PLASTIC PLUG SS 0082.31	
430	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
440	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
445	315220-0198	-		1	V-RINGS 45X55X13 MM V-50S	
450	315220-0180	-		1	V-RINGS 34X42X10,5 MM V-38S	
460	312105-0368	-		12	SCREW M6S M6X16 A280	
465	315105-0153	-		32	WASHER BRB6,4X12RFR	
467	90157-0041	-		1	SEALING COMPOUND	
470	342768-0102	-		2	BULKHEAD CONNECTOR, 6 MM	
475	90166-0081	-	MM	500	TUBE 6 MM PA BLUE	
480	342991-0101	-		1	HOSE CLIP,WORM DRIVE TYPE (13)-16	
482	90166-0121	-	MM	1700	HOSE	
484	342901-0105	-		1	HOSE NIPPLE, EXT.THR. R1/2-12 MM	
485	342713-0213	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-120	
488	90166-0059	-	MM	2000	HOSE PVC 12/16MM TRANSP.	
490	90261-0057	-		4	PLUG, BLIND, PLASTIC	
492	90015-0022	-		1	LEAD-IN, TET14-20, E-1458029	
494	90015-0021	-		2	LEAD-IN, TET10-14, E-1458023	
496	90015-0024	-		1	LEAD-IN, TET20-26, E-1458035	
510	90166-0260	-	MM	2	HOSE	
530	90411-0020	-	MM	2	INSULATING TUBE	
540	342991-0104	-		2	HOSE CLIP,WORM DRIVE TYPE (23)-27	
550	352113-0104	-		8	CLIP STRIP, 300X4,8 MM	
560	1498050-0000	-		1	BRACKET	
570	312155-0368	-		1	SCREW EN 10642 MF6S M6X16 A480	
580	1511244-0000	-		1	COVER	
585	1511245-0000	-		1	WASHER	
590	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
600	2602989-0000	-		1	SIGN	
610	312502-0120	-		2	DRIVE SCREW ROUND HEAD KDS 0X5	

Machine Type | Group Description | Used-In | Group Number | Page No


From steam trap
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510, 530, 540, 550
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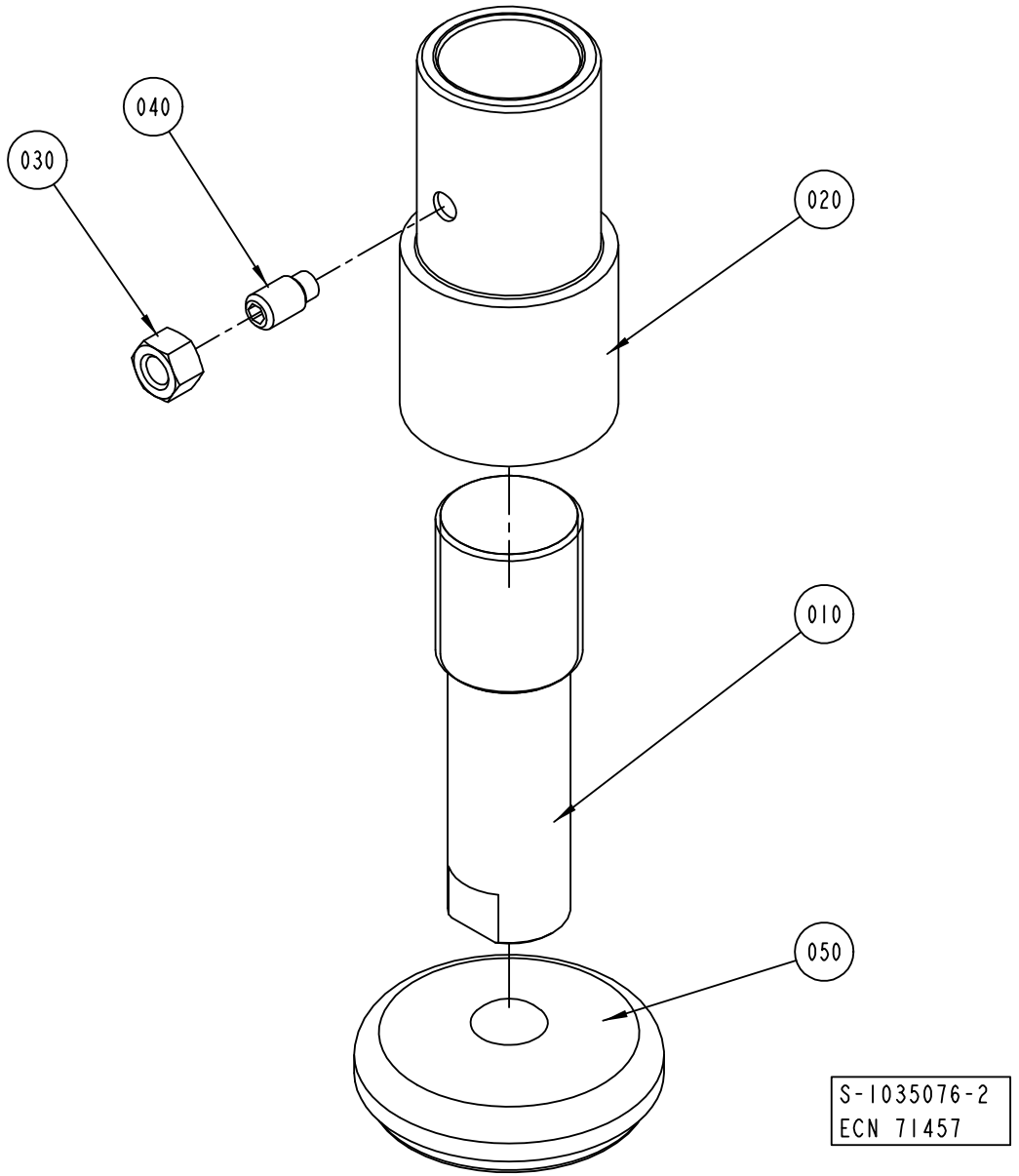
1095843-10
ECM 126705

ECM: 127003 - 20030209
Group number: 1095843-0300
Assembly Drawing: 1095843-10_3_AB

This list covers pages from 304 to 309

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1035076-0200	-		6	LEG	**311, 1007**
020	1095803-0100	-		1	BENDING ROLLER	**313**
030	1254275-0100	-		2	LID	**315**
040	1095880-0100	-		1	DRAINING	**317**
160	1487348-0000	-		1	PROTECTION PLATE	
170	1260435-0000	-		1	BRACKET	
180	591341-0000	-		2	PIN	
190	590227-0000	-		1	PLATE	
200	1349016-0000	-		1	MACHINE BODY	
210	1279797-0000	-		1	PIPE	
220	1129527-0000	-		1	GLASS PANE	
240	1279798-0000	-		1	PIPE	
250	1129536-0000	-		2	BOW	
260	1037832-0000	-		1	BEAM	
270	1037592-0000	-		1	HATCH	
275	1129569-0000	-		2	SLEEVE	
280	1103298-0000	-		2	NON-SKID	
285	1103299-0000	-		2	NON-SKID	
290	1103300-0000	-		2	NON-SKID	
300	1296833-0000	-		2	NON-SKID	
320	1037762-0000	-		2	PIN	
330	1037761-0000	-		2	PIN	
340	311103-0308	-		4	PARALLEL PIN ISO 2338 5M6X16 A1	
350	311103-0456	-		4	PARALLELL PIN, M6, 10X25 MM	
370	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
390	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
400	312105-0366	-		14	SCREW M6S M6X12 A280	
410	312115-0501	-		2	SCREW ISO4762 M10X50 A4	
420	90347-0160	-		4	DAMPER	
424	312318-0378	-		4	SCREW ISO4029 M6X40 A4	
426	90261-0070	-		2	PLASTIC PLUG SS 0082.31	
430	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
440	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
445	315220-0198	-		1	V-RINGS 45X55X13 MM V-50S	
450	315220-0180	-		1	V-RINGS 34X42X10,5 MM V-38S	
460	312105-0368	-		12	SCREW M6S M6X16 A280	
465	315105-0153	-		32	WASHER BRB6,4X12RFR	
467	90157-0041	-		1	SEALING COMPOUND	
470	342768-0102	-		2	BULKHEAD CONNECTOR, 6 MM	
475	90166-0081	-	MM	500	TUBE 6 MM PA BLUE	
480	342991-0101	-		1	HOSE CLIP,WORM DRIVE TYPE (13)-16	
482	90166-0121	-	MM	1700	HOSE	
484	342901-0105	-		1	HOSE NIPPLE, EXT.THR. R1/2-12 MM	
485	342713-0213	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-120	
488	90166-0059	-	MM	2000	HOSE PVC 12/16MM TRANSP.	
490	90261-0057	-		4	PLUG, BLIND, PLASTIC	
492	90015-0022	-		1	LEAD-IN, TET14-20, E-1458029	
494	90015-0021	-		2	LEAD-IN, TET10-14, E-1458023	
496	90015-0024	-		1	LEAD-IN, TET20-26, E-1458035	
510	90166-0260	-	MM	2	HOSE	
530	90411-0020	-	MM	2	INSULATING TUBE	
540	342991-0104	-		2	HOSE CLIP,WORM DRIVE TYPE (23)-27	
550	352113-0104	-		8	CLIP STRIP, 300X4,8 MM	
560	1498050-0000	-		1	BRACKET	
570	312155-0368	-		1	SCREW EN 10642 MF6S M6X16 A480	
580	1511244-0000	-		1	COVER	
585	1511245-0000	-		1	WASHER	
590	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
600	2602989-0000	-		1	SIGN	
610	312502-0120	-		2	DRIVE SCREW ROUND HEAD KDS 0X5	

Machine Type | Group Description | Used-In | Group Number | Page No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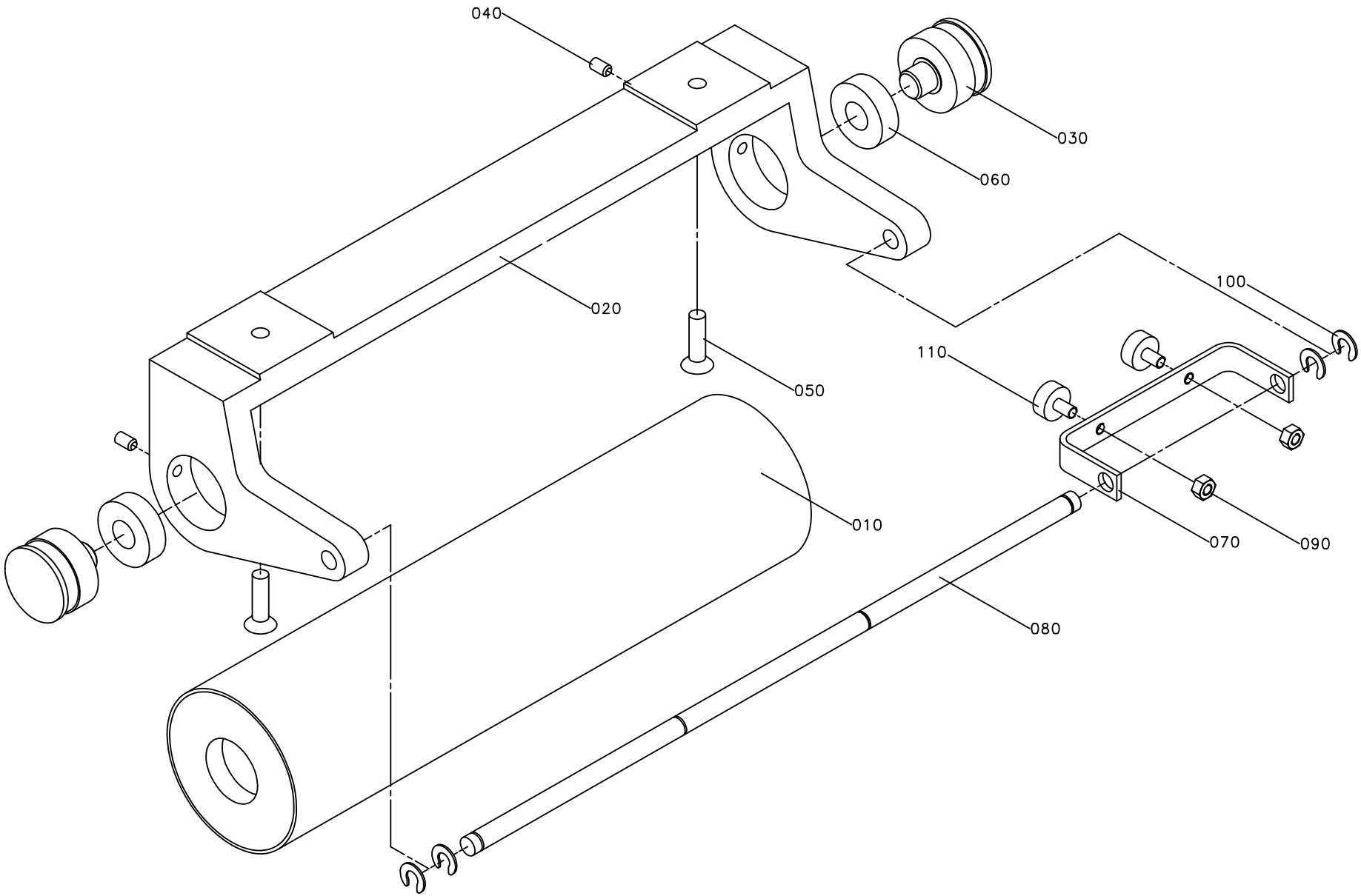
S-1035076-2
ECN 71457

ECM: 71457 - 20000215
Group number: 1035076-0200
Assembly Drawing: 1035076-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1487712-0000	-		1	LEG	
020	1036120-0000	-		1	SLEEVE	
030	312605-0324	-		1	HEXAGON NUT, M6M M16 A280	
040	312311-0624	-		1	SCREW ISO4028 M16X30 FZB	
050	90347-0175	-		1	MACHINE SHOE BRIK T 125	

Pos	Part No	SP	UN	Qty	Description	Page No


040
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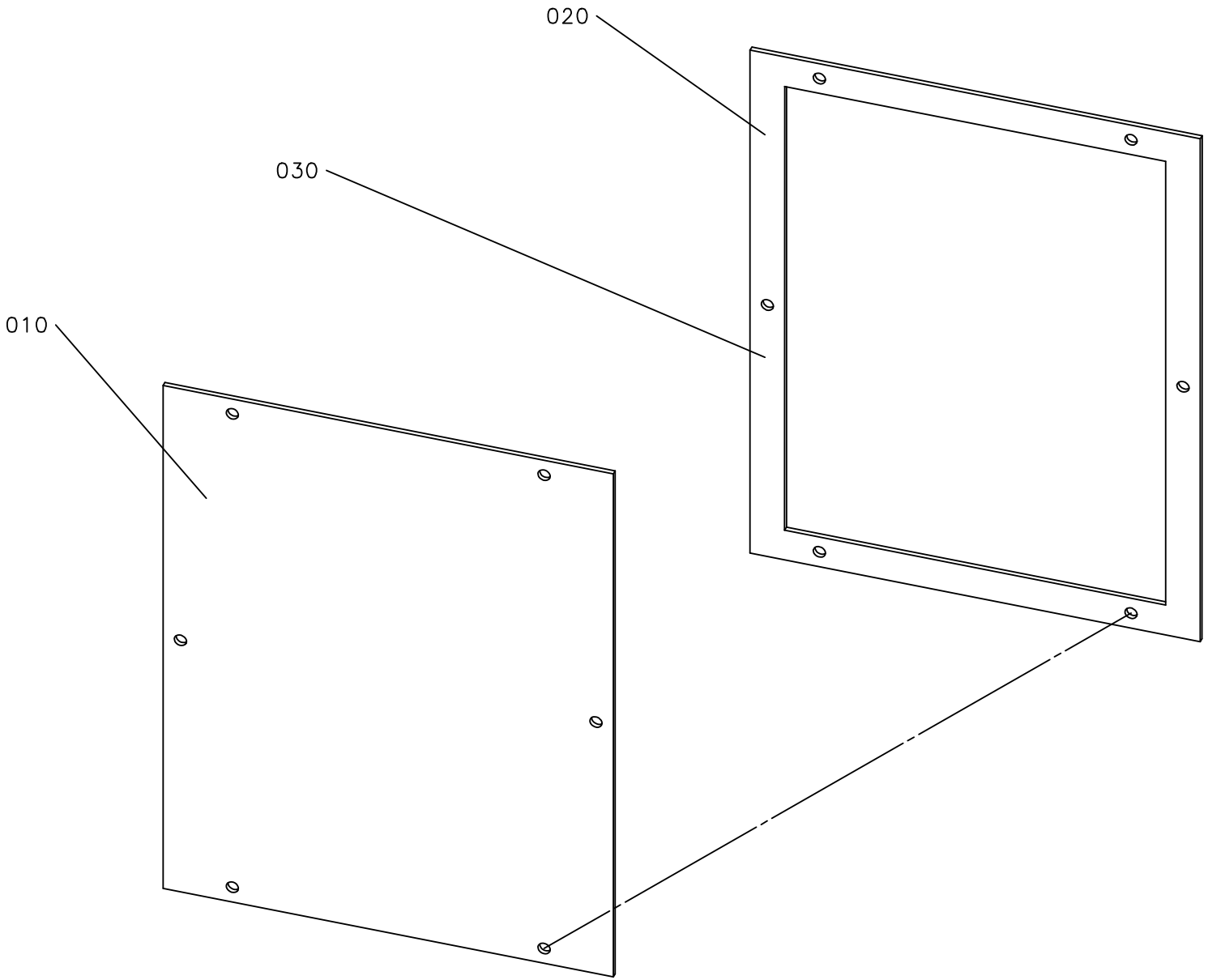
ECM: 71742 - 19980903
Group number: 1095803-0100
Assembly Drawing: 1095803-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1035882-0000	D		1	BENDING ROLLER	
020	1036516-0000	-		1	CANTILEVER	
030	1037012-0000	D		2	AXLE PIN	
040	312318-0364	-		2	SCREW ISO4029 M6X10 A4	
050	312155-0453	-		2	SCREW EN 10642 MF6S M8X25 A480	
060	321313-0102	C		2	BALL BEARING, 15X35X11 MM	
070	1041603-0000	-		1	BRACKET	
080	1041606-0000	D		1	SHAFT	
090	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
100	315755-0801	-		4	LOCKING WASHER 8	
110	90347-0007	D		2	VIBRATION DAMPER	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No


020
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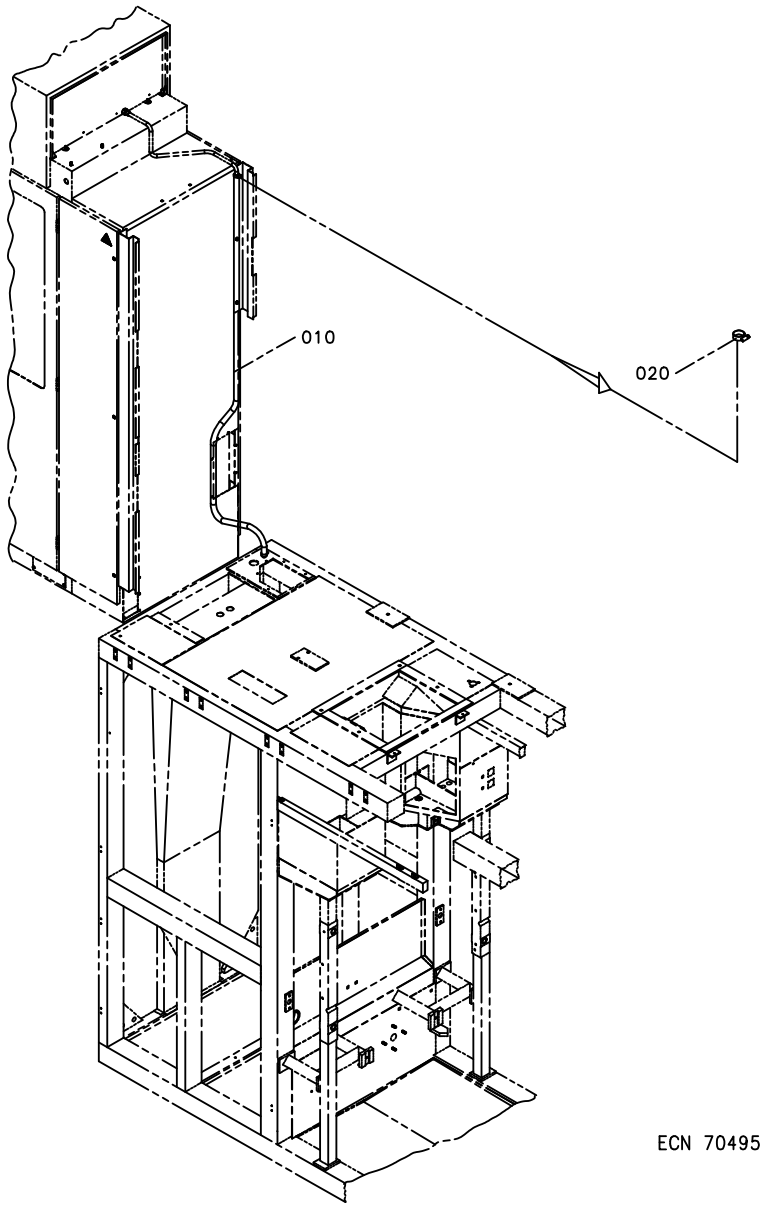
010

ECM: 71742 - 19980903
Group number: 1254275-0100
Assembly Drawing: 1254275-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1260433-0000	-		1	LID	
020	1260434-0000	D		1	GASKET	
030	90157-0041	-		1	SEALING COMPOUND	

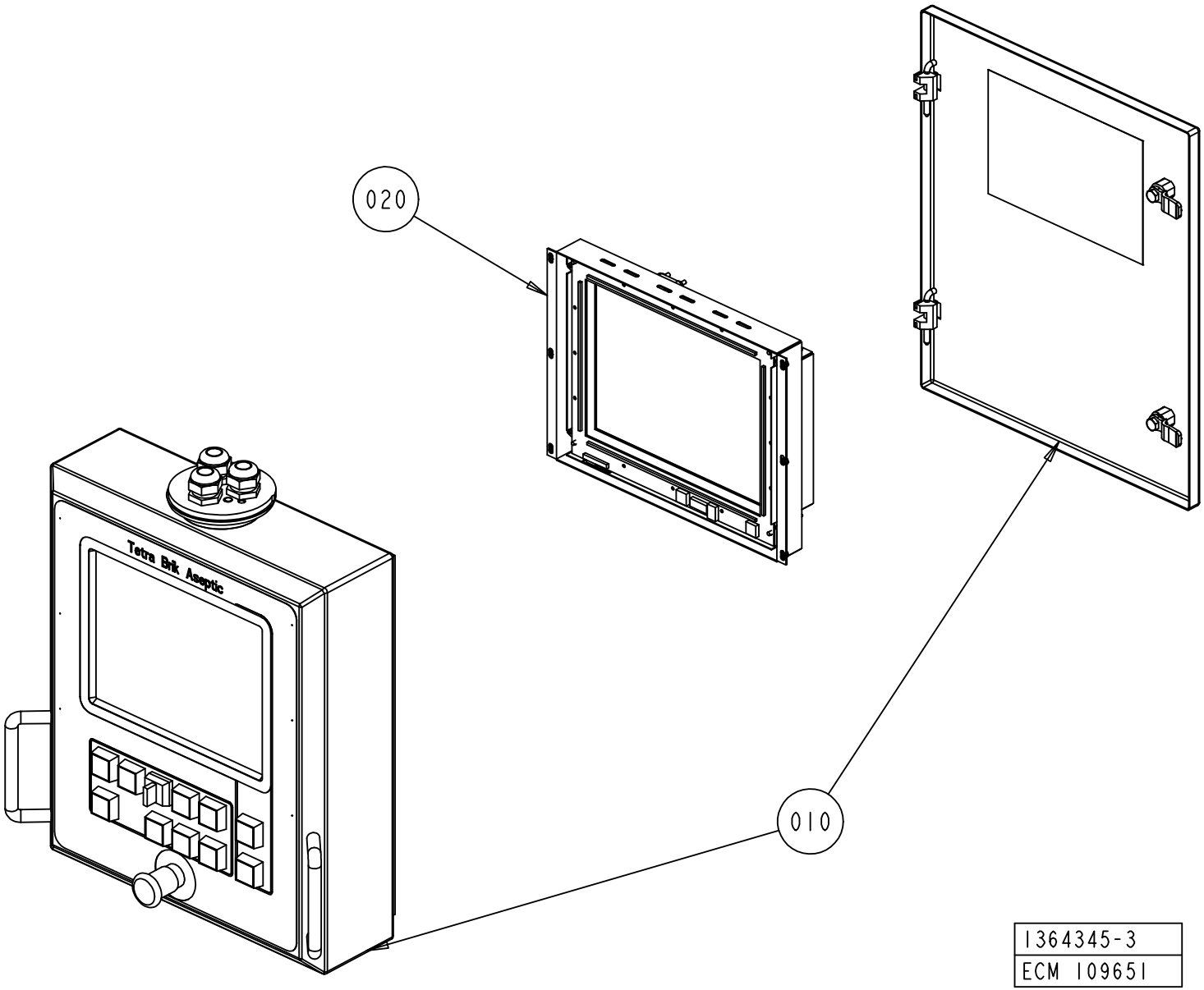
Pos	Part No	SP	UN	Qty	Description	Page No


010
020
ECN 70495

ECM: 71124 - 19971028
Group number: 1095880-0100
Assembly Drawing: 1095880-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90166-0059	-	MM	2100	HOSE PVC 12/16MM TRANSP.	
020	342991-0101	-		2	HOSE CLIP,WORM DRIVE TYPE (13)-16	

Pos	Part No	SP	UN	Qty	Description	Page No



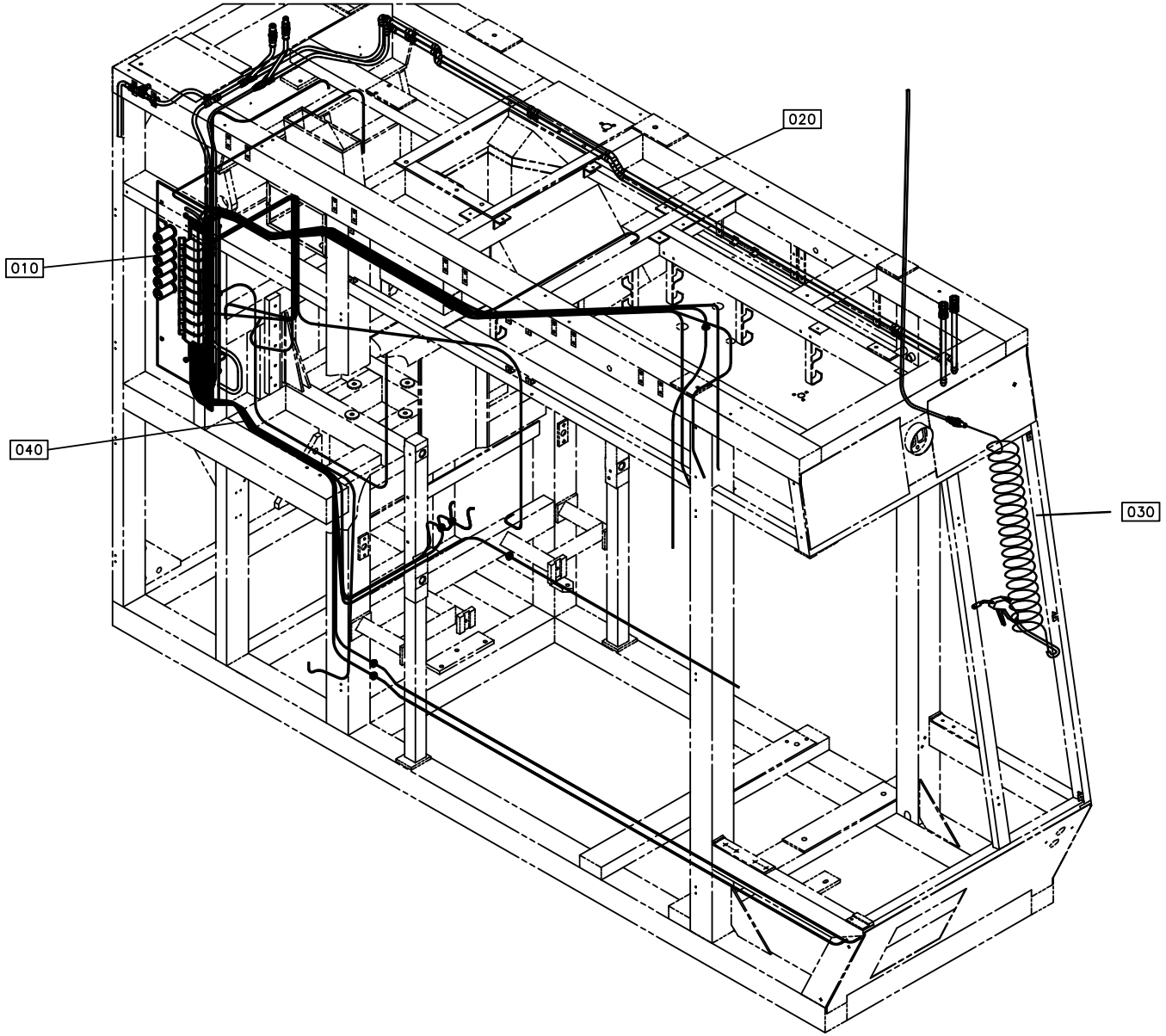
1364345-3
ECM 109651

ECM: 120877 - 20021126
Group number: 1364345-0300
Assembly Drawing: 1364345-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21-0500						
010	1364346-0303	-		1	PANEL UNIT 12"	
Common Parts						
020	1348707-0101	-		1	DISPLAY UNIT 12"	
010	*90041-0099*	*A*		*1*	*IR TOUCH PCB, 12.1" , IRT 12I1-V2.1*	
020	*90041-0104*	*-*		*1*	*CHASSIS FOR TOUCH, 12,1" , M0089A39*	
030	*90041-0093*	*A*		*1*	*DISPLAY, TOSHIBA 12,1"*	
040	*1348708-0000*	*-*		*1*	*COVER PLATE*	
050	*1348709-0000*	*-*		*1*	*COVER PLATE*	
060	*90041-0079*	*A*		*1*	*ADAPTER BACKLIGHT, 50000007*	
070	*90041-0078*	*A*		*1*	*REMOTE COMMUNIKATION LINK BOARD,E000014B*	
080	*90041-0103*	*A*		*1*	*DATA CABLE DISPLAY, E000018B*	
090	*90316-0022*	*-*		*3*	*SPACER NUT DSNF M3060X20*	
100	*90041-0082*	*A*		*1*	*CABLE, DISPLAY POWER, 2223-0022-018*	
120	*90316-0023*	*-*		*4*	*SPACER NUT DSM M3055X8*	
130	*312605-0310*	*-*		*15*	*HEXAGON NUT, M6M M3 A280*	
140	*312125-0220*	*-*		*11*	*SKRUV SLOT.PAN HD. MCS 3X6 A480*	
150	*90220-0302*	*-*		*1*	*CLAMP FOR SCR.CABLE, 16MM, 55-016-89*	
160	*90220-0304*	*-*		*5*	*CLAMP FOR SCR.CABLE, 24MM,*	
170	*315105-0136*	*-*		*24*	*WASHER BRB4,3XRFR*	
180	*312125-0299*	*-*		*6*	*SCREW PAN HEAD MCS M4X30 SS*	
190	*312605-0312*	*-*		*20*	*HEXAGON NUT, M6M M4 A280*	
200	*1129570-0000*	*-*		*1*	*LDS, LVDS TERMINAL 1*	
	90194-0154	*-*		*1*	*TERM. MARKING LABEL KIT, BLA-BSTB, 1-24*	
	90110-0282	*-*		*1*	*PLINTH, BLA18, 128336*	
210	*315105-0124*	*-*		*18*	*BRICKA BRB3,2X6RFR*	
220	*90316-0029*	*-*		*4*	*SPACER NUT, M3X16*	
230	*90316-0030*	*-*		*4*	*ELASTIC SCREW, 15060002*	
240	*90144-0074*	*-*		*1*	*SHIELDING SEAL STRIP EMC, 3,17X3,17 MM*	
250	*312115-0222*	*-*		*9*	*SCREW ISO4762 M3X8 A4*	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type	Group Description	Used-In	Group Number	Page No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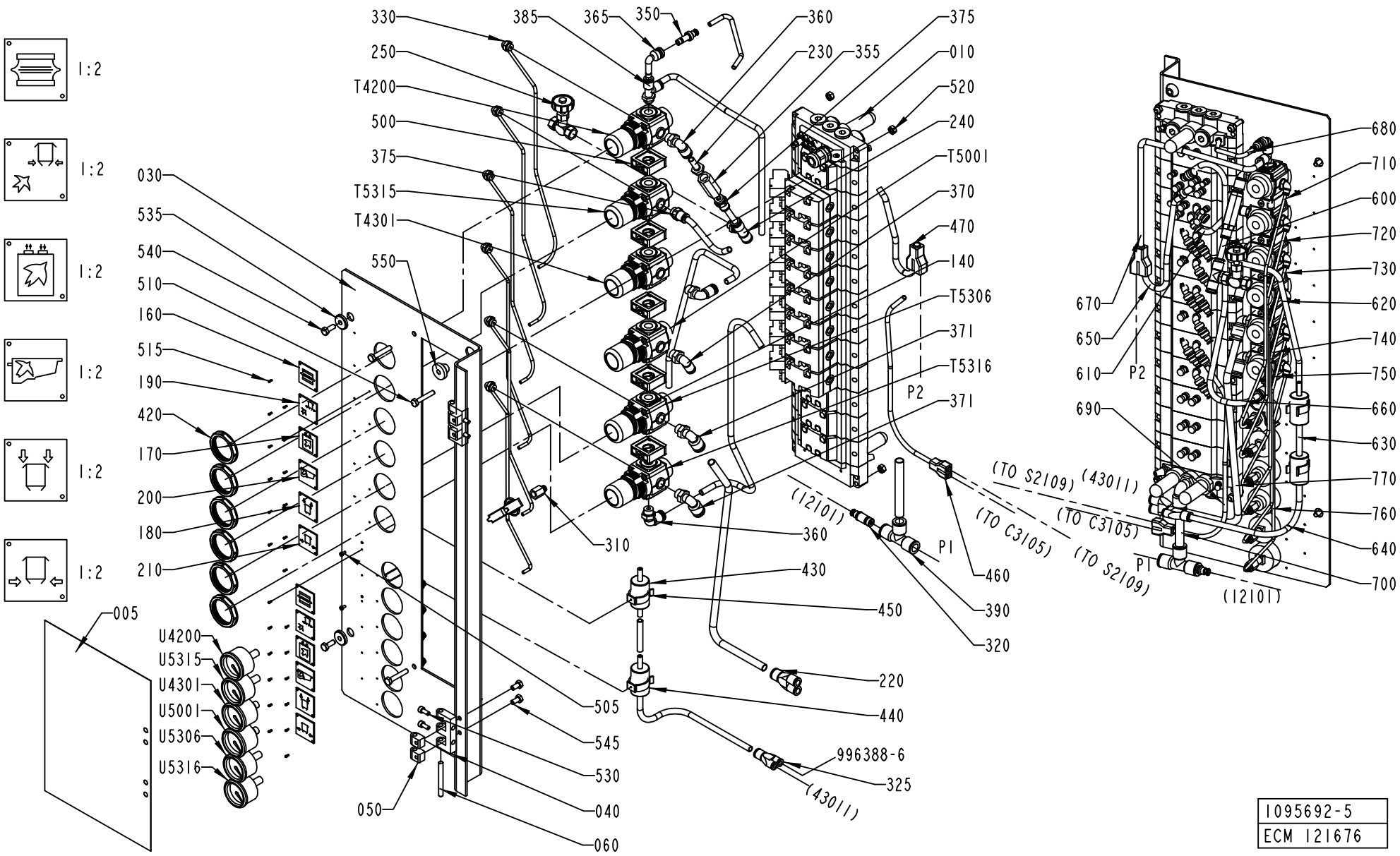
ECM: 81157 - 20020812
Group number: 1095691-0300
Assembly Drawing: 1095691-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095692-0400	-		1	VALVE PANEL	**323**
020	1095857-0300	-		1	PIPE WORK-AIR	**327, 329**
030	1095682-0100	-		1	AIR JET GUN	**331**
040	1095695-0300	-		1	HOSE INSTALLATION	**333**

Pos	Part No	SP	UN	Qty	Description	Page No

VALVE PANEL

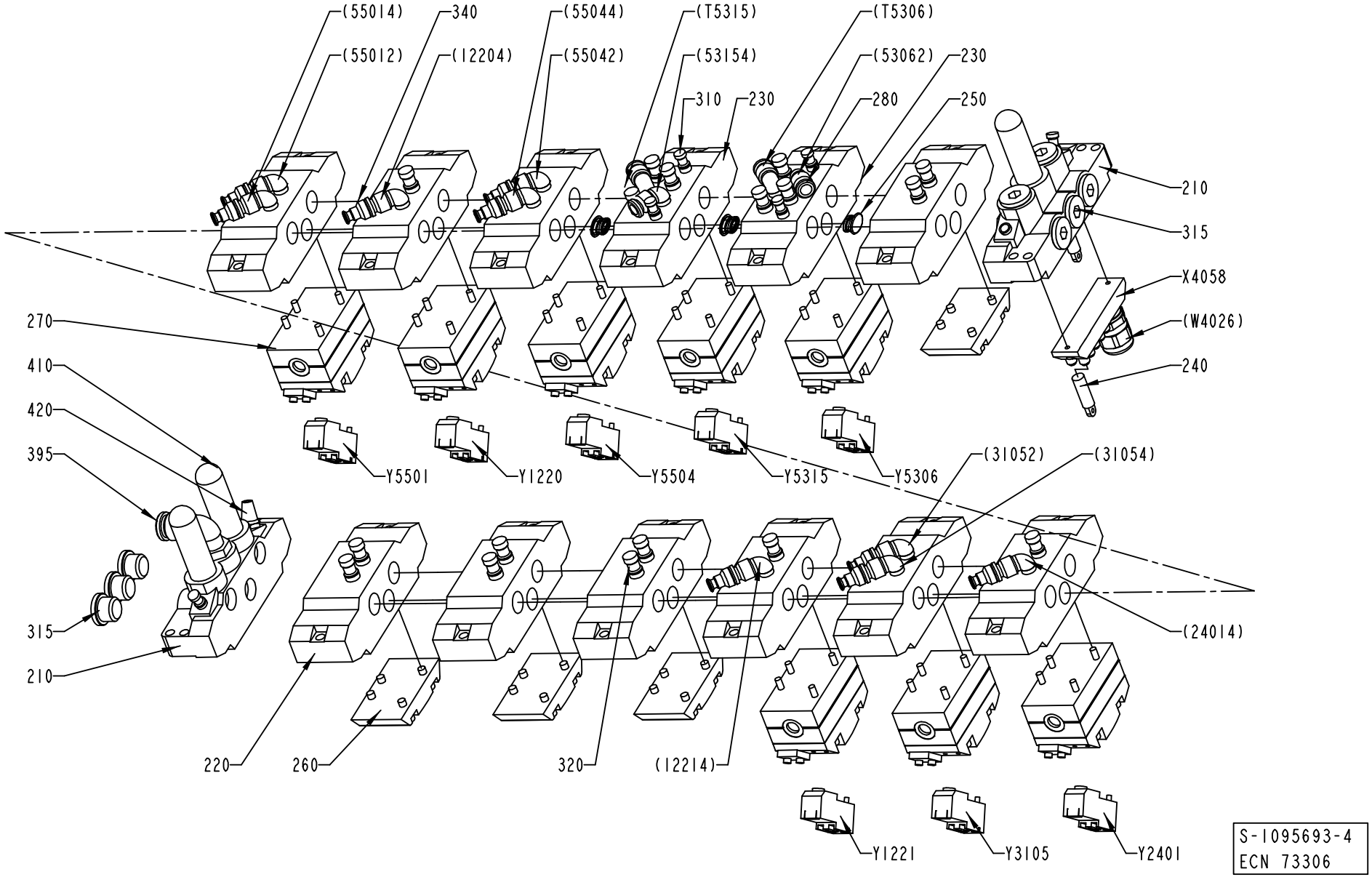


1095692-5
ECM 121676

ECM: 121947 - 20030413
Group number: 1095692-0400
Assembly Drawing: 1095692-5_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
HI						
005	1487577-0000	-		1	PNEUMATIC DIAGRAM	
NOHI						
005	1487564-0000	-		1	PNEUMATIC DIAGRAM	
Common Parts						
010	1095693-0400	-		1	VALVE RAMP	**325**
030	1517229-0000	-		1	PLATE	
040	1035792-0000	-		2	E-HINGE	
050	1129770-0000	-		4	BLOCKING PIECE	
060	988685-0000	-		2	PIN	
140	90087-0036	-		1	PLUG	
160	1041936-0000	-		2	SIGN	
170	978603-0000	-		2	SIGN	
180	1144606-0000	-		2	SIGN	
190	1129370-0000	-		2	SIGN	
200	479964-0000	-		2	SIGN	
210	1144607-0000	-		2	SIGN	
220	90055-0228	-		1	Y-CONNECTION, 8-10	
230	90055-0232	-		1	NIPPLE-8 MM G1/4"	
240	342742-0104	-		1	T-COUPLING,ADJUST,F.PLASTIC TUBE 8-G1/4"	
250	90187-0072	A		1	VALVE	
310	342770-0101	-		6	STRAIGHT COUPLING INT, D=4 MM - G1/8	
320	342716-0210	-		1	REDUCER 6-12	
325	90055-0227	-		1	Y-CONNECTION, 6-8	
330	90458-2955	-		6	ELBOW PIPE JOINT, EXT.THREAD, D=4MM-G1/8	
350	342716-0203	-		1	REDUCER 6-8	
355	90230-0068	A		1	NON-RETURN VALVE 1/4"	
360	90458-2958	-		3	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
365	90055-0118	-		1	ELBOW PIPE JOINT -8MM	
370	90458-2957	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/4	
371	90458-2961	-		2	ELBOW PIPE JOINT, EXT.THREAD,D=10MM-G1/4	
375	342722-0205	-		2	STRAIGHT COUPLING D=8-G1/4"	
385	342772-0122	-		1	ELBOW FITTING, 8 - G1/4	
390	342748-0109	-		1	T-CONNECTION 12MM	
420	90457-0078	-		6	PANEL NUT	
430	90277-0045	B		1	FILTER / 9900-05-BK	
440	90277-0046	B		1	FILTER / 9933-05-101	
450	90165-0019	-		2	TOOL CLIP, 81/3, OPEN, 20 - 30 MM	
460	90055-0100	-		1	Y-CONNECTION, 6-6	
470	90055-0101	-		1	Y-CONNECTION, 8-8	
500	90113-0140	-		5	QUICK CLAMP	
505	312125-0220	-		2	SKRUV SLOT.PAN HD. MCS 3X6 A480	
510	312109-0376	-		4	SCREW M6S ISO 4017 M6X35 A480	
515	312502-0120	-		24	DRIVE SCREW ROUND HEAD KDS 0X5	
520	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
530	312115-0327	-		4	SCREW ISO4762 M5X12 A4	
535	315121-0153	-		2	WASHER PLAIN, TBRSB 6,4/22 H=4	
540	312105-0368	-		2	SCREW M6S M6X16 A280	
545	312105-0366	-		4	SCREW M6S M6X12 A280	
550	90015-0023	-		1	LEAD-IN, TET7-10, E-1458019	
600	90166-0013	-	MM	100	TUBE 8 MM PA BLUE	
610	90166-0013	-	MM	150	TUBE 8 MM PA BLUE	
620	90166-0013	-	MM	250	TUBE 8 MM PA BLUE	
630	90166-0013	-	MM	100	TUBE 8 MM PA BLUE	
640	90166-0013	-	MM	250	TUBE 8 MM PA BLUE	
650	90166-0013	-	MM	280	TUBE 8 MM PA BLUE	
660	90166-0013	-	MM	600	TUBE 8 MM PA BLUE	
670	90166-0013	-	MM	450	TUBE 8 MM PA BLUE	
680	90166-0081	-	MM	100	TUBE 6 MM PA BLUE	
690	90166-0081	-	MM	450	TUBE 6 MM PA BLUE	
700	90166-0068	-	MM	100	TUBE 12 MM PA BLUE	
710	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
720	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
730	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
740	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
750	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
760	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
770	90166-0140	-	MM	450	HOSE	
T4200	90113-0469	A		1	MANIFOLD REGULATOR 4 BAR	
T4301	90457-0144	A		1	REGULATOR 0,3-2 BAR	
T5001	90457-0144	A		1	REGULATOR 0,3-2 BAR	
T5306	90113-0469	A		1	MANIFOLD REGULATOR 4 BAR	
T5315	90113-0469	A		1	MANIFOLD REGULATOR 4 BAR	
T5316	90113-0469	A		1	MANIFOLD REGULATOR 4 BAR	
U4200	90043-0064	B		1	PRESSURE GAUGE, 2048 D=40 MM	
U4301	90043-0090	B		1	PRESSURE GAUGE, 2048 D=40 MM	
U5001	90043-0090	B		1	PRESSURE GAUGE, 2048 D=40 MM	
U5306	90043-0064	B		1	PRESSURE GAUGE, 2048 D=40 MM	
U5315	90043-0064	B		1	PRESSURE GAUGE, 2048 D=40 MM	
U5316	90043-0064	B		1	PRESSURE GAUGE, 2048 D=40 MM	

Machine Type Group Description Used-In Group Number Page No


(55014)
(55012)
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(55042)
(T5315)
(53154)
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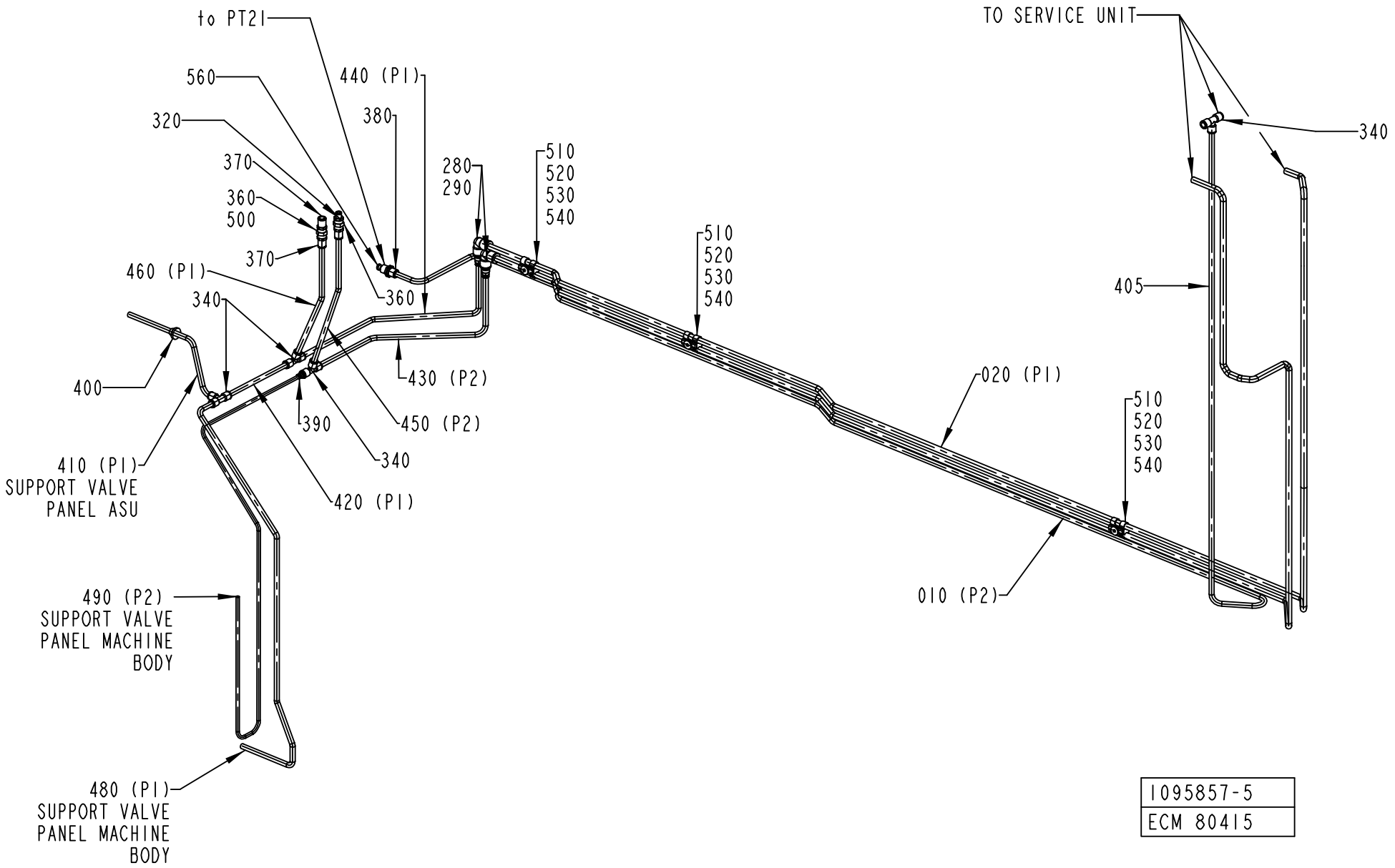
230
(T5306)
(53062)
230
280
250
210
315
X4058
(W4026)
240
270
410
420
395
Y5501
Y1220
Y5504
Y5315
Y5306
(31052)
(31054)
(24014)
315
210
220
260
320
(12214)
Y1221
Y3105
Y2401
S-1095693-4
ECN 73306

ECM: 122909 - 20030413
Group number: 1095693-0400
Assembly Drawing: 1095693-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
210	90042-0522	A		2	PORTED END PIECE ISO SIZE 1	
220	90042-0532	A		10	BASE PLATE ISO SIZE 1	
230	90042-0520	A		2	BASE PLATE ISO SIZE 1	
240	90042-0526	-		2	PROTECTIVE SLEEVE MECMAN	
250	90042-0528	-		3	BLANKING KIT SEALS ISO SIZE 1	
260	90042-0519	A		4	BLANK PLATE ISO SIZE 1	
270	90042-0215	A		8	VALVE BODY 5/2 UNISTABLE	
280	90055-0172	-		13	ELBOW WITH TAILPIECE 8/8 MM	
310	342715-0102	-		6	BLIND PLUG 6 MM	
315	342713-0211	-		8	PLUG, EXT THREAD HEX SOCKET 8638-00-380	
320	342715-0103	-		17	BLIND PLUG 8 MM	
340	342716-0203	-		9	REDUCER 6-8	
345	342728-0103	-		1	PIPE COUPLING 8 MM	
350	342716-0210	-		1	REDUCER 6-12	
385	342732-0105	-		1	ELBOW PIPE D8-R3/8"	
390	342748-0109	-		1	T-CONNECTION 12MM	
395	342732-0110	-		1	ELBOW PIPE JOINT, EXT.THREAD,D=12MM-G3/8	
410	90328-0024	-		3	SILENCER G3/8	
420	90328-0017	-		1	SILENCER, D=6 MM	
X4058	90042-0535	A		1	TERMINAL BOARD 19 CORDS	
Y1220	90042-0538	A		1	PILOT VALVE L=500MM	
Y1221	90042-0538	A		1	PILOT VALVE L=500MM	
Y2401	90042-0538	A		1	PILOT VALVE L=500MM	
Y3105	90042-0538	A		1	PILOT VALVE L=500MM	
Y5306	90042-0538	A		1	PILOT VALVE L=500MM	
Y5315	90042-0538	A		1	PILOT VALVE L=500MM	
Y5501	90042-0538	A		1	PILOT VALVE L=500MM	
Y5504	90042-0538	A		1	PILOT VALVE L=500MM	

Pos	Part No	SP	UN	Qty	Description	Page No


to PT21
560
320
370
360
500
370
460 (P1)
340
400
410 (P1)
SUPPORT VALVE
PANEL ASU
490 (P2)
SUPPORT VALVE
PANEL MACHINE
BODY
480 (P1)
SUPPORT VALVE
PANEL MACHINE
BODY
440 (P1)
380
360
280
290
510
520
530
540
430 (P2)
390
450 (P2)
340
420 (P1)
510
520
530
540
020 (P1)
010 (P2)
TO SERVICE UNIT
340
405
510
520
530
540
1095857-5
ECM 80415

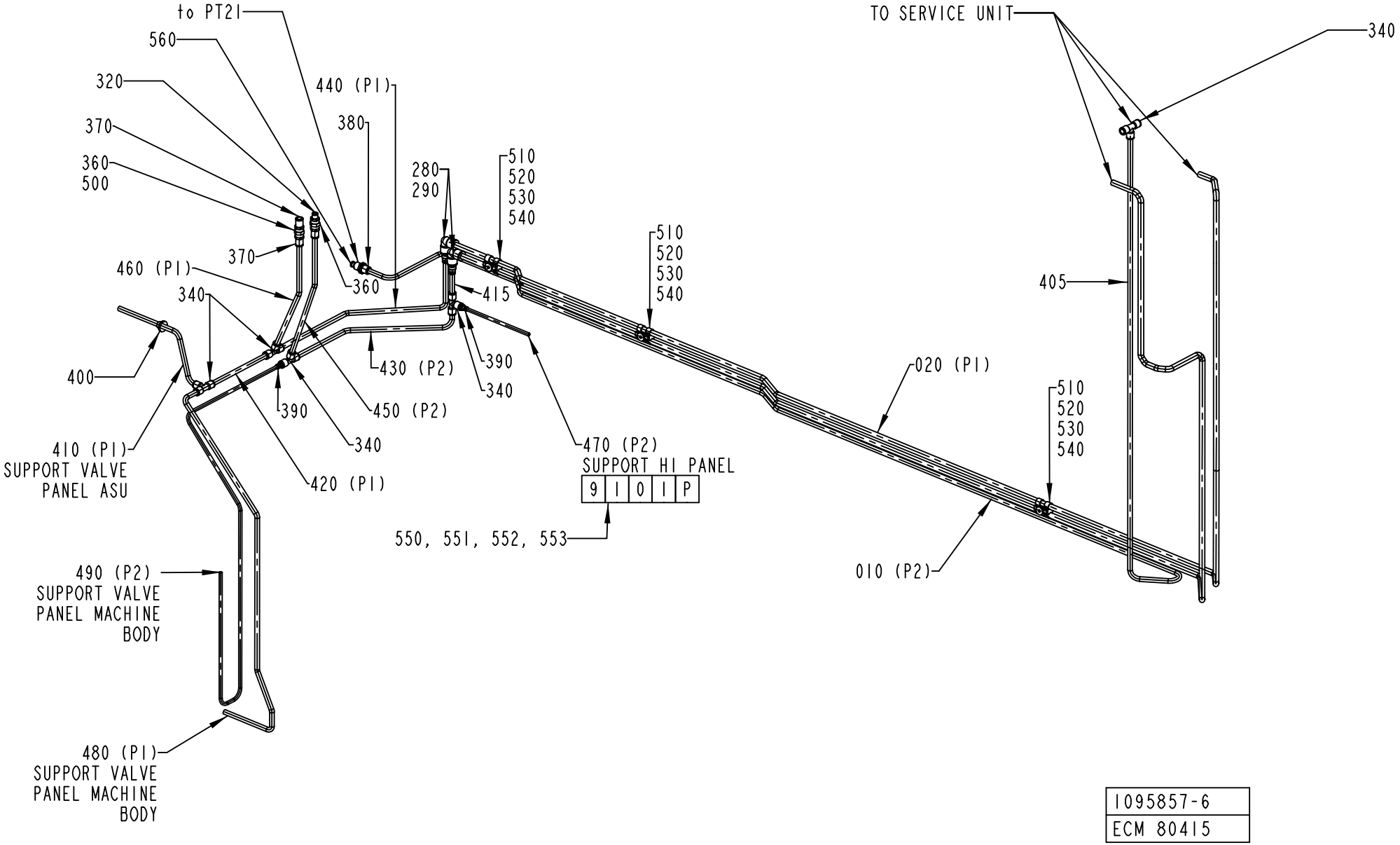
ECM: 99888 - 20020812
Group number: 1095857-0300
Assembly Drawing: 1095857-5_1_AC

This list covers pages from 326 to 329

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 328)						
340	342748-0109	-		5	T-CONNECTION 12MM	
390	342716-0209	-		2	REDUCER 8-12	
415	90166-0068	-	MM	70	TUBE 12 MM PA BLUE	
430	90166-0068	-	MM	615	TUBE 12 MM PA BLUE	
470	90166-0013	-	MM	2000	TUBE 8 MM PA BLUE	
550	359000-0400	-		2	MARKING CO2/4"0"	
551	359000-0401	-		4	MARKING COLLAR 2/4 "1" YELLOW	
552	359000-0409	-		2	MARKING COLLAR PA2/4 "9" YELLOW	
553	359000-0765	-		2	MARKING CO2/4"P"	
NOHI (See drawing on page: 326)						
340	342748-0109	-		4	T-CONNECTION 12MM	
390	342716-0209	-		1	REDUCER 8-12	
430	90166-0068	-	MM	750	TUBE 12 MM PA BLUE	
Common Parts						
010	90166-0196	-	MM	4000	TUBE 14MM PA BLUE	
020	90166-0196	-	MM	4200	TUBE 14MM PA BLUE	
280	342735-0110	-		2	ELBOW PIPE	
290	342716-0211	-		2	REDUCER 12-14	
320	342722-0206	-		1	STRAIGHT COUPLING D=8-G3/8"	
360	342707-0111	-		2	SLEEVE, INT. THREAD, NO. 2543-3/8	
370	342722-0210	-		3	STRAIGHT COUPLING, D=12 MM - G3/8"	
380	342768-0109	-		1	BULKHEAD CONNECTOR, 12 MM	
400	90015-0021	-		1	LEAD-IN, TET10-14, E-1458023	
405	90166-0068	-	MM	5500	TUBE 12 MM PA BLUE	
410	90166-0068	-	MM	3250	TUBE 12 MM PA BLUE	
420	90166-0068	-	MM	260	TUBE 12 MM PA BLUE	
440	90166-0068	-	MM	750	TUBE 12 MM PA BLUE	
450	90166-0068	-	MM	520	TUBE 12 MM PA BLUE	
460	90166-0068	-	MM	520	TUBE 12 MM PA BLUE	
480	90166-0068	-	MM	880	TUBE 12 MM PA BLUE	
490	90166-0013	-	MM	1800	TUBE 8 MM PA BLUE	
500	90157-0034	-		1	SEALING COMPOUND LOCTITE 572 50 ML	
510	90165-0148	-		3	T-CLIP T15 FOR TUBE D=15 -17 MM	
520	90165-0303	-		3	SPACER F. T-CLIP, 818 716 000 TYPE D15	
530	312151-0335	-		3	SCREW HEX.SOCK.COUNT.MF6S 5X30 FZB	
540	315125-0153	-		3	WASHER TBRSB 6,4X22X4 A4	
560	342715-0105	-		1	BLIND PLUG 12 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No


to PT21
560
320
370
360
500
440 (P1)
380
280
290
510
520
530
540
TO SERVICE UNIT
340
405
460 (P1)
370
360
340
415
400
430 (P2)
390
340
450 (P2)
390
340
420 (P1)
410 (P1)
SUPPORT VALVE
PANEL ASU
470 (P2)
SUPPORT HI PANEL
9 1 0 1 P
550, 551, 552, 553
020 (P1)
010 (P2)
490 (P2)
SUPPORT VALVE
PANEL MACHINE
BODY
480 (P1)
SUPPORT VALVE
PANEL MACHINE
BODY
1095857-6
ECM 80415

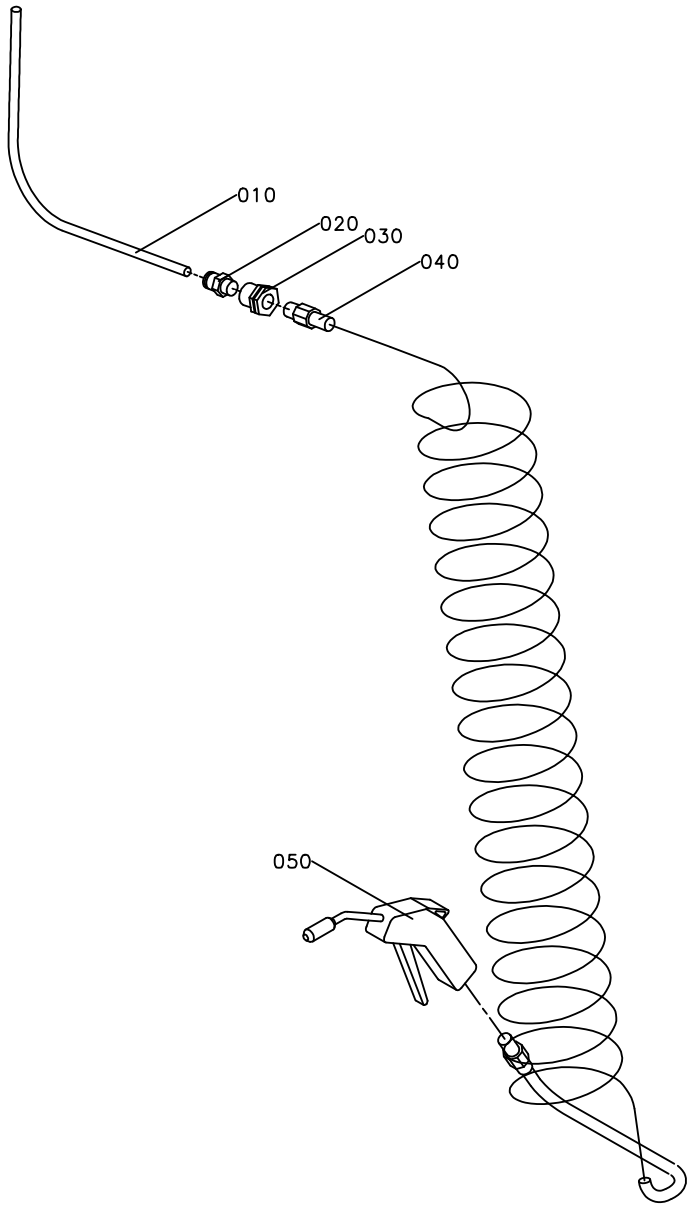
ECM: 99888 - 20020812
Group number: 1095857-0300
Assembly Drawing: 1095857-6_1_AD

This list covers pages from 326 to 329

Pos	Part No	SP	UN	Qty	Description	Page No
HI (See drawing on page: 328)						
340	342748-0109	-		5	T-CONNECTION 12MM	
390	342716-0209	-		2	REDUCER 8-12	
415	90166-0068	-	MM	70	TUBE 12 MM PA BLUE	
430	90166-0068	-	MM	615	TUBE 12 MM PA BLUE	
470	90166-0013	-	MM	2000	TUBE 8 MM PA BLUE	
550	359000-0400	-		2	MARKING CO2/4"0"	
551	359000-0401	-		4	MARKING COLLAR 2/4 "1" YELLOW	
552	359000-0409	-		2	MARKING COLLAR PA2/4 "9" YELLOW	
553	359000-0765	-		2	MARKING CO2/4"P"	
NOHI (See drawing on page: 326)						
340	342748-0109	-		4	T-CONNECTION 12MM	
390	342716-0209	-		1	REDUCER 8-12	
430	90166-0068	-	MM	750	TUBE 12 MM PA BLUE	
Common Parts						
010	90166-0196	-	MM	4000	TUBE 14MM PA BLUE	
020	90166-0196	-	MM	4200	TUBE 14MM PA BLUE	
280	342735-0110	-		2	ELBOW PIPE	
290	342716-0211	-		2	REDUCER 12-14	
320	342722-0206	-		1	STRAIGHT COUPLING D=8-G3/8"	
360	342707-0111	-		2	SLEEVE, INT. THREAD, NO. 2543-3/8	
370	342722-0210	-		3	STRAIGHT COUPLING, D=12 MM - G3/8"	
380	342768-0109	-		1	BULKHEAD CONNECTOR, 12 MM	
400	90015-0021	-		1	LEAD-IN, TET10-14, E-1458023	
405	90166-0068	-	MM	5500	TUBE 12 MM PA BLUE	
410	90166-0068	-	MM	3250	TUBE 12 MM PA BLUE	
420	90166-0068	-	MM	260	TUBE 12 MM PA BLUE	
440	90166-0068	-	MM	750	TUBE 12 MM PA BLUE	
450	90166-0068	-	MM	520	TUBE 12 MM PA BLUE	
460	90166-0068	-	MM	520	TUBE 12 MM PA BLUE	
480	90166-0068	-	MM	880	TUBE 12 MM PA BLUE	
490	90166-0013	-	MM	1800	TUBE 8 MM PA BLUE	
500	90157-0034	-		1	SEALING COMPOUND LOCTITE 572 50 ML	
510	90165-0148	-		3	T-CLIP T15 FOR TUBE D=15 -17 MM	
520	90165-0303	-		3	SPACER F. T-CLIP, 818 716 000 TYPE D15	
530	312151-0335	-		3	SCREW HEX.SOCK.COUNT.MF6S 5X30 FZB	
540	315125-0153	-		3	WASHER TBRSB 6,4X22X4 A4	
560	342715-0105	-		1	BLIND PLUG 12 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

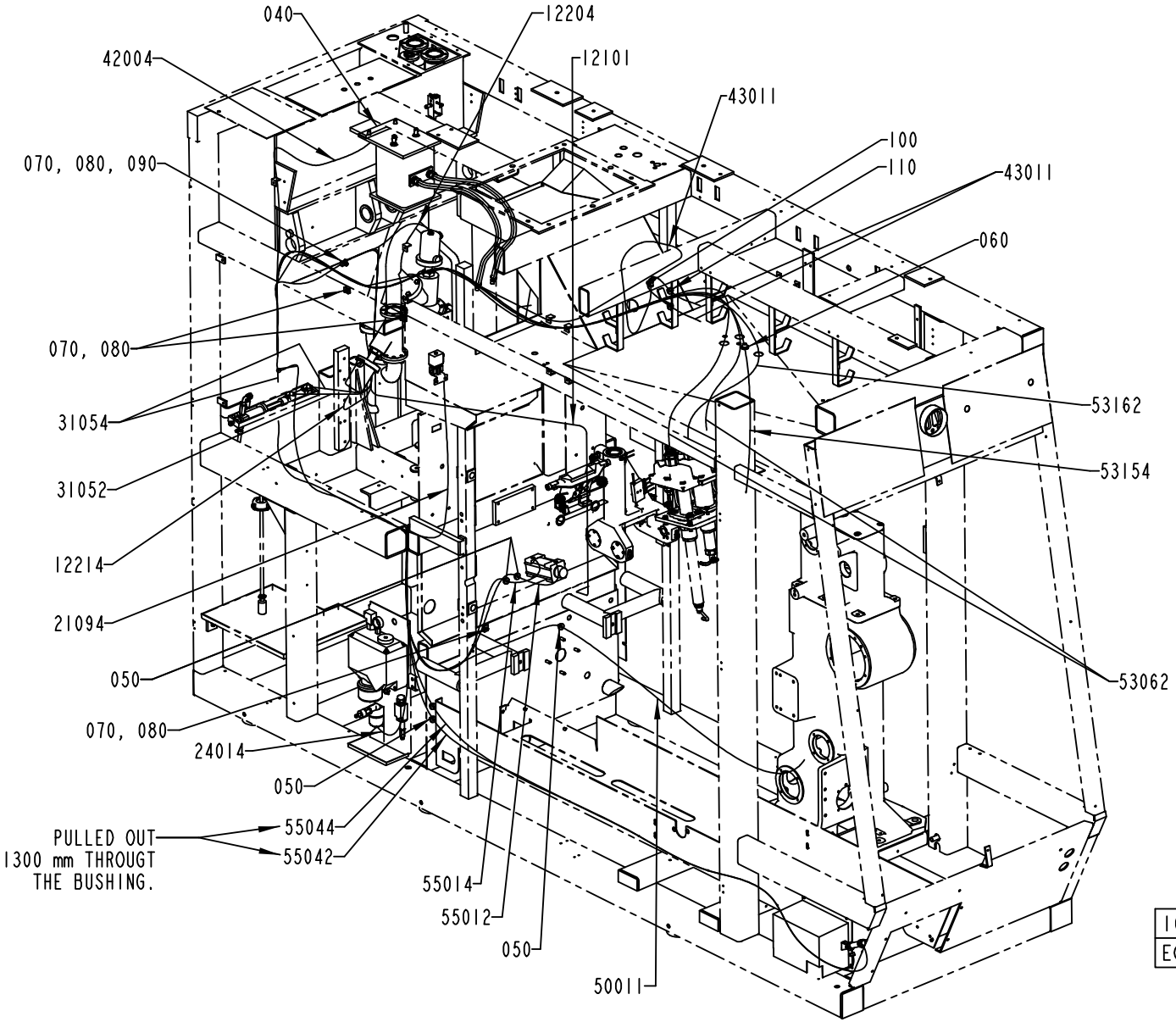
Machine Type | Group Description | Used-In | Group Number | Page No


010
020
030
040
050

ECM: 71742 - 19980903
Group number: 1095682-0100
Assembly Drawing: 1095682-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90166-0013	-	MM	1800	TUBE 8 MM PA BLUE	
020	342920-0122	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-R1/4"	
030	342767-0104	-		1	CONN. BULKHEAD G1/4	
040	90152-0016	-		1	HOSE (SPIRAL)	
050	90243-0061	-		1	AIR GUN, CEJN SERIE 204 ED: 90459-0173	

Pos	Part No	SP	UN	Qty	Description	Page No

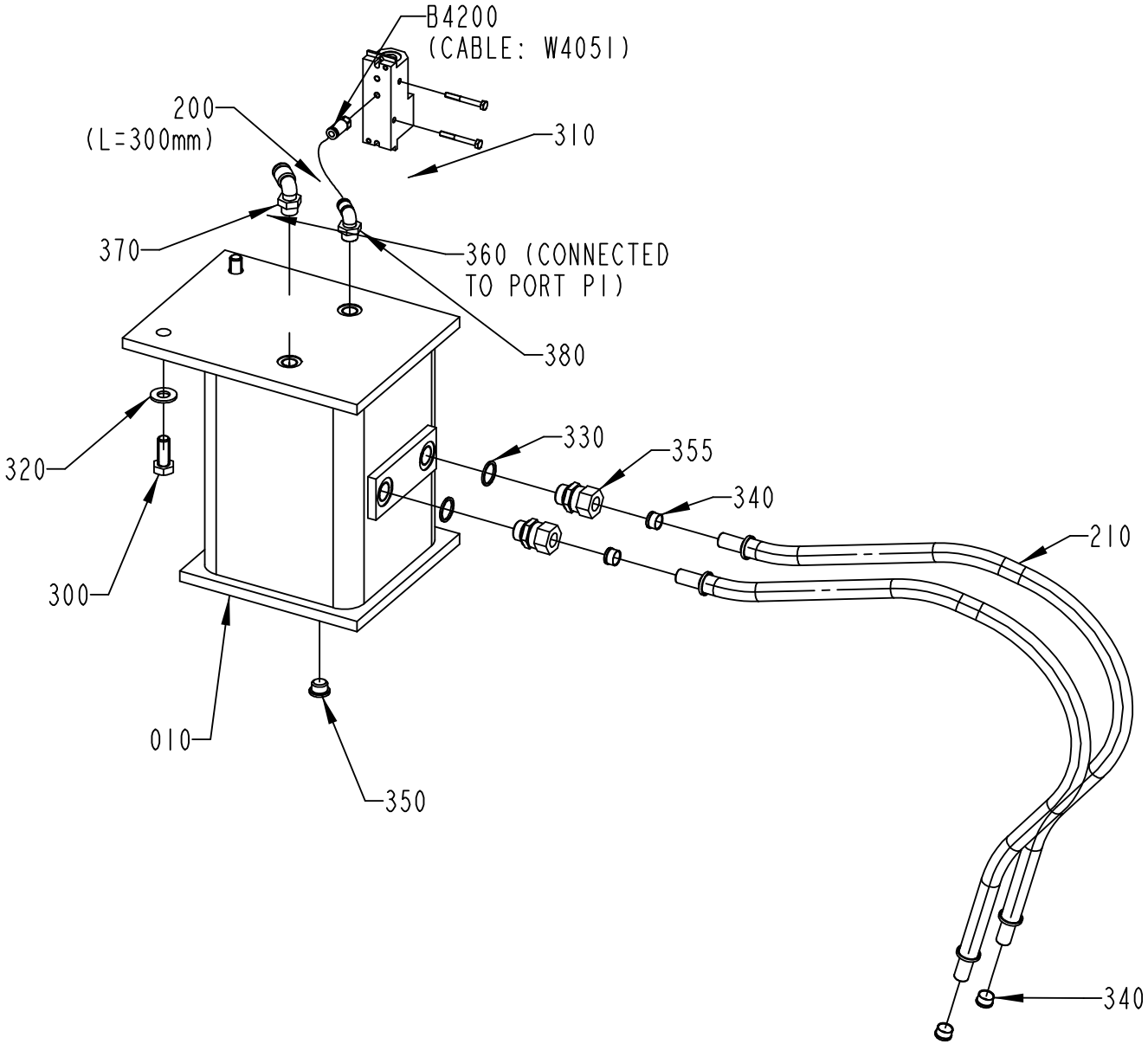

040
12204
42004
12101
43011
100
070, 080, 090
110
43011
060
070, 080
53162
31054
53154
31052
12214
21094
53062
050
070, 080
24014
050
55044
PULLED OUT
1300 mm THROUGT
THE BUSHING.
55042
55014
55012
050
50011
1095695-4
ECM 80436

ECM: 81140 - 20020120
Group number: 1095695-0300
Assembly Drawing: 1095695-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
040	1487502-0100	-		1	AIR TANK	**335**
050	90015-0020	-		7	LEAD-IN, TET5-7, E-1458016	
060	90015-0023	-		1	LEAD-IN, TET7-10, E-1458019	
070	352113-0204	-		4	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
080	312125-0364	-		4	SCREW SLOT.PAN HD. MCS 6X10 A480	
090	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
100	90055-0112	-		1	HOSE,T-JUNCTION COUPL.,FPT, 13X6MM	
110	90015-0020	-		2	LEAD-IN, TET5-7, E-1458016	
12101	90166-0081	-	MM	3500	TUBE 6 MM PA BLUE	
12204	90166-0081	-	MM	2300	TUBE 6 MM PA BLUE	
12214	90166-0081	-	MM	2700	TUBE 6 MM PA BLUE	
21094	90166-0081	-	MM	2000	TUBE 6 MM PA BLUE	
24014	90166-0081	-	MM	2500	TUBE 6 MM PA BLUE	
31052	90166-0081	-	MM	2500	TUBE 6 MM PA BLUE	
31054	90166-0081	-	MM	2500	TUBE 6 MM PA BLUE	
42004	90166-0013	-	MM	2500	TUBE 8 MM PA BLUE	
43011	90166-0081	-	MM	5600	TUBE 6 MM PA BLUE	
50011	90166-0081	-	MM	5200	TUBE 6 MM PA BLUE	
53062	90166-0013	-	MM	5500	TUBE 8 MM PA BLUE	
53154	90166-0013	-	MM	5500	TUBE 8 MM PA BLUE	
53162	90166-0160	-	MM	5500	TUBE 10 MM PA BLUE	
55012	90166-0081	-	MM	3500	TUBE 6 MM PA BLUE	
55014	90166-0081	-	MM	3500	TUBE 6 MM PA BLUE	
55042	90166-0081	-	MM	4800	TUBE 6 MM PA BLUE	
55044	90166-0081	-	MM	4800	TUBE 6 MM PA BLUE	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

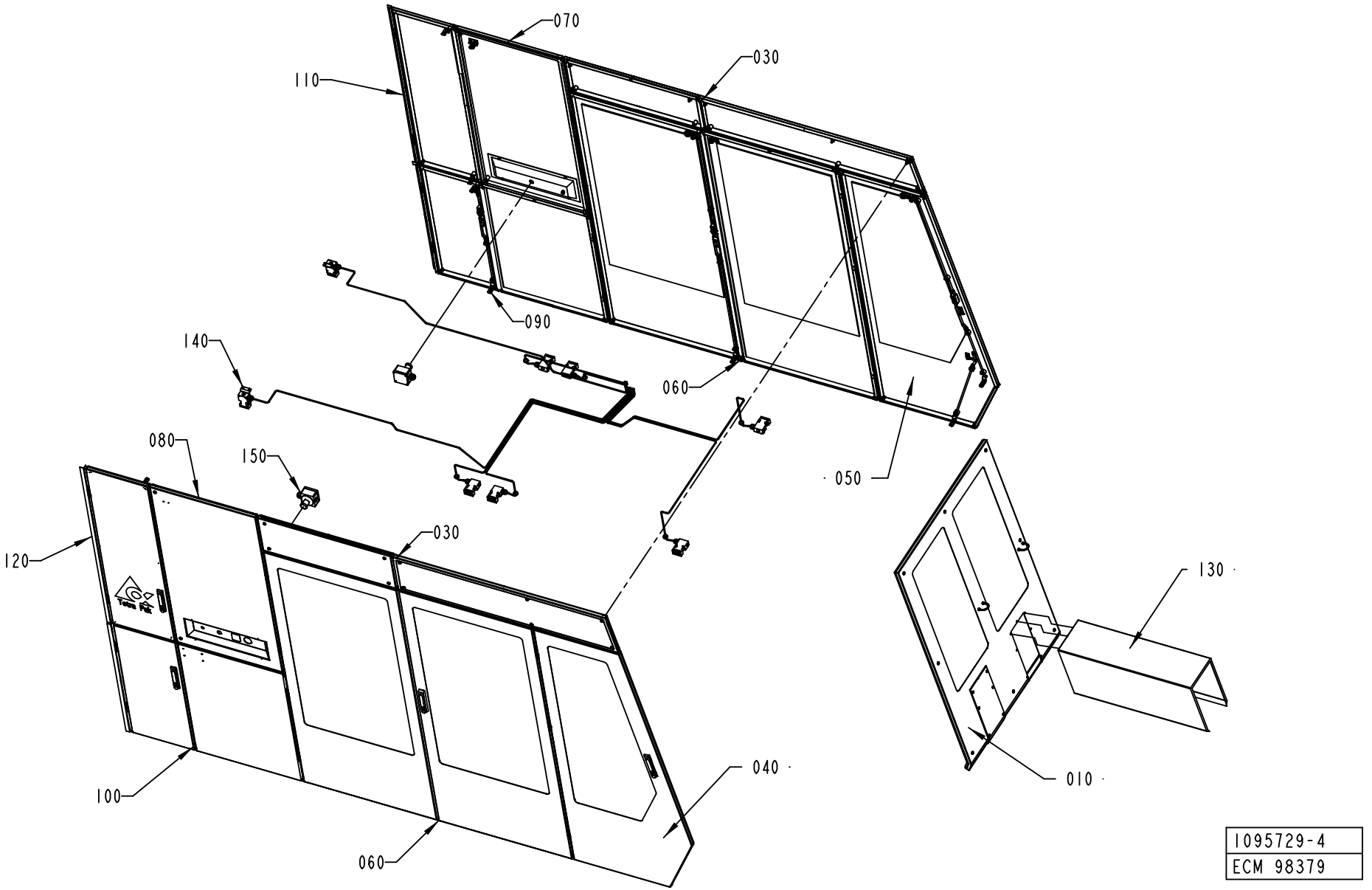


1487502-1
ECN 80476

ECM: 83321 - 20001027
Group number: 1487502-0100
Assembly Drawing: 1487502-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1040977-0000	-		1	TANK	
200	90166-0009	-	MM	300	TUBE 5 MM PA BLUE	
210	1523080-0000	-		2	HOSE	
300	312101-0493	-		2	SCREW M6S M10X25 FZB	
310	312105-0301	-		2	SCREW M6S ISO 4017 M4X35 A480	
320	315101-0173	-		2	WASHER PLAIN, BRB, 10,5/22 H=2	
330	315234-0111	C		2	WASHER,PL.RND.CU.17,5//21 H=1,5	
340	342704-0109	-		4	ACCESSORIES, FERRULE 12-MSG	
350	342713-0210	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-140	
355	342720-0109	-		2	CONN. STR. GA-12-G3/8	
360	342722-0195	-		1	PIPE COUPL-M5	
370	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
380	342732-0112	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=5MM R1/4	
B 4200	90274-0089	C		1	PRESSURE TRANSDUCER, 25 - 800 KPA 24VDC	

Pos	Part No	SP	UN	Qty	Description	Page No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030
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090
140
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080
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030
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010
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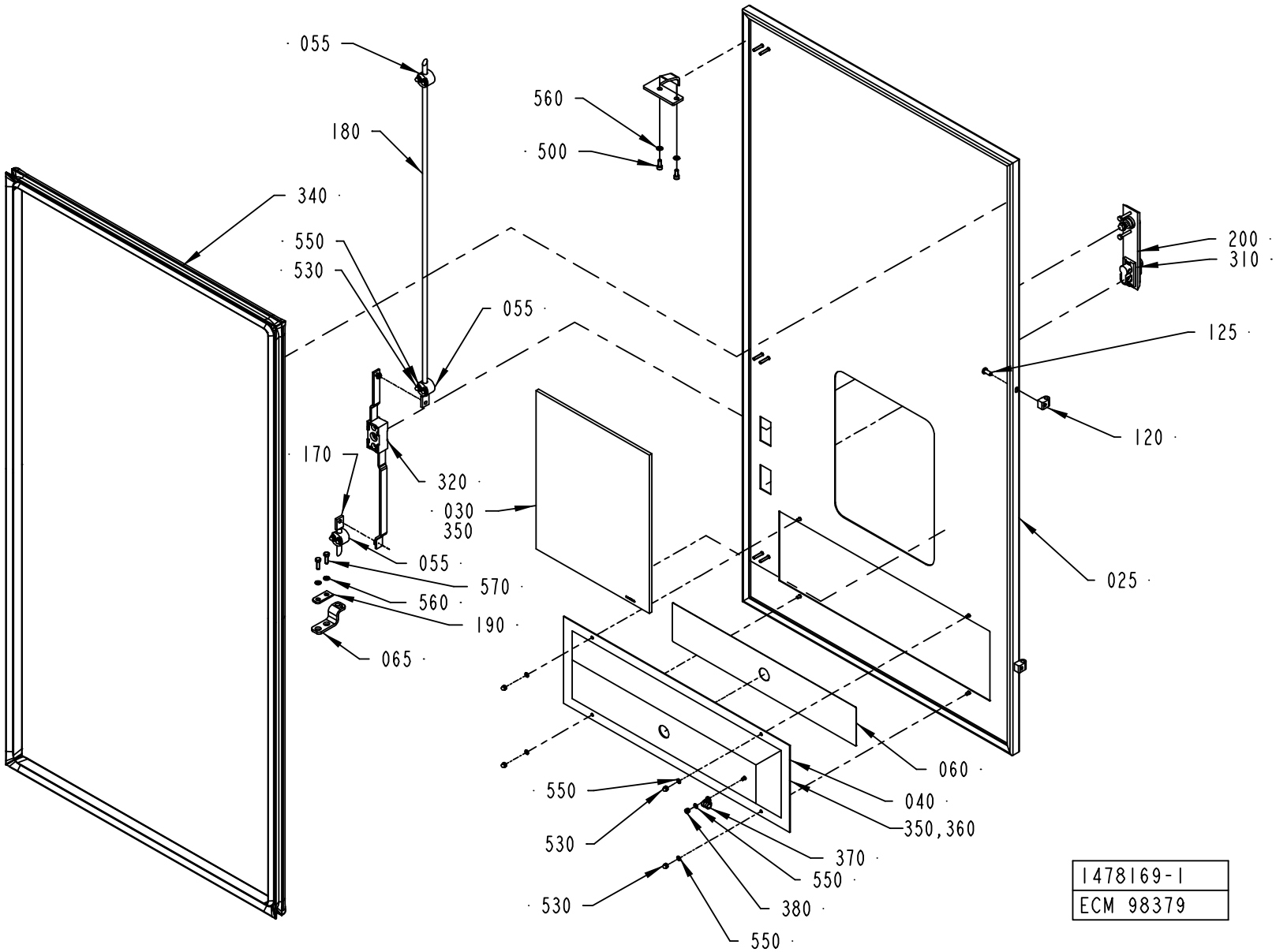
060
1095729-4
ECM 98379

ECM: 98391 - 20020502
Group number: 1095729-0400
Assembly Drawing: 1095729-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
HI						
070	1478169-0100	-		1	COVER	**339**
NOHI						
070	1095737-0200	-		1	COVER	**341**
Common Parts						
010	1285690-0200	-		1	FRONT COVER	**343**
030	1095645-0200	-		1	COVERS	**347**
040	1535218-0100	-		1	DOOR	**349**
050	1535219-0100	-		1	DOOR	**351**
060	1095732-0200	-		2	DOORS	**353**
080	1317402-0100	-		1	COVER	**355**
090	1095734-0200	-		1	DOORS	**357**
100	1095735-0200	-		1	DOOR	**359**
110	1095736-0200	-		1	DOOR	**361**
120	1095730-0200	-		1	DOOR	**363**
130	1095738-0300	-		1	PROTECTIVE COVER	**367**
140	1095739-0200	-		1	DOOR SAFETY SWITCH	**369**
150	1095743-0200	-		1	EMERGENCY STOP	**371**

Machine Type | Group Description | Used-In | Group Number | Page No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180
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560
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040
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550
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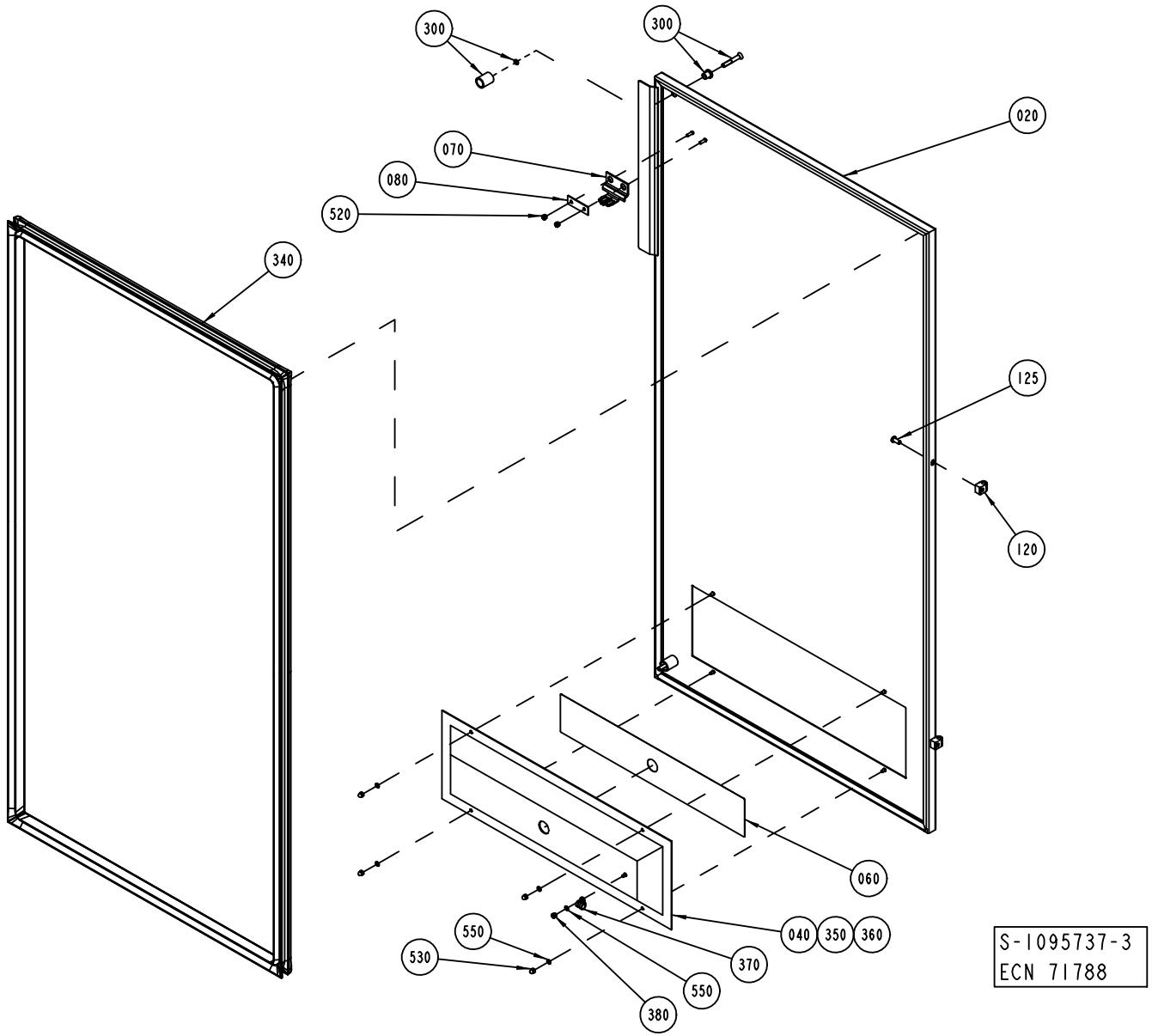
1478169-1
ECM 98379

ECM: 98396 - 20020502
Group number: 1478169-0100
Assembly Drawing: 1478169-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
025	1105716-0000	-		1	DOOR	
030	1535258-0000	-		1	GLASS PANE	
035	1348634-0000	-		1	BRACKET	
040	1041169-0000	-		1	COVERING PLATE	
055	1129274-0000	-		3	GUIDE LUG	
060	1041171-0000	-		1	FOIL	
065	1362165-0000	-		1	BRACKET	
120	1129770-0000	-		2	BLOCKING PIECE	
125	1129767-0000	-		2	SCREW	
170	1036304-0001	-		1	LOCKING ARM	
180	1036304-0005	-		1	LOCKING ARM	
190	1338632-0000	-		1	WASHER	
200	90237-0175	-		1	TURNING HANDLE	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
340	1279079-0000	-		1	SEALING STRIP	
350	90157-0041	-		1	SEALING COMPOUND	
360	90153-0049	-		1	ADHESIVE, LOCTITE 409 20G	
370	90165-0065	-		1	PIPE CLAMP, RSGU 1.8/9, D=8 MM	
380	312812-0312	-		1	HEXAGON NUT, NY-LOCK M4 A480	
500	312115-0327	-		2	SCREW ISO4762 M5X12 A4	
530	312705-0312	-		10	NUT HEX. DOMED CAP MHM-6 M4 A280	
550	315105-0136	-		11	WASHER BRB4,3XRFR	
560	315105-0146	-		4	BRICKA BRB5,3X10RFR	
570	312105-0329	-		2	SCREW M6S ISO 4017 M5X16 A480	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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080
520
340
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040
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370
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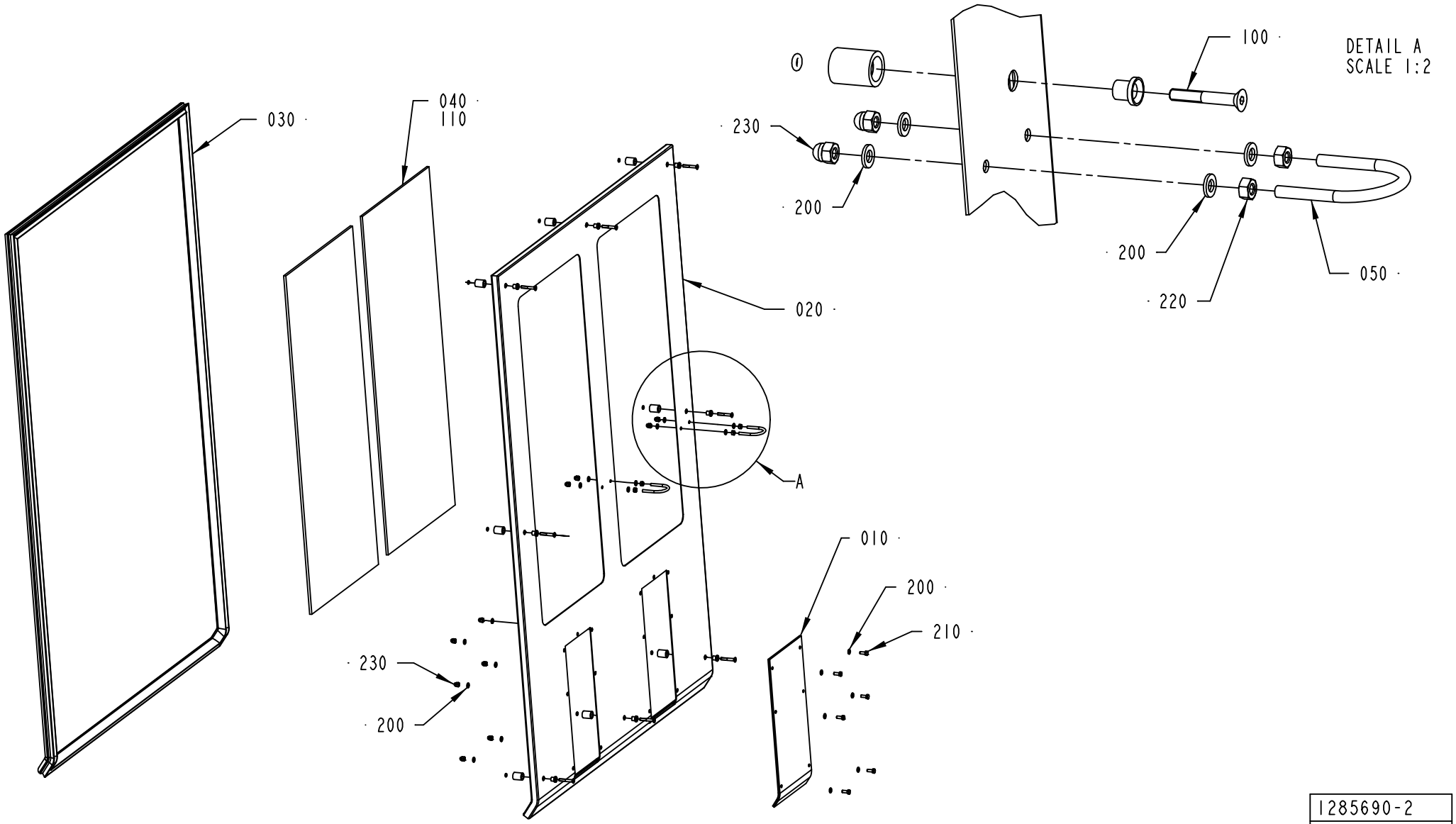
380
S-1095737-3
ECN 71788

ECM: 71788 - 19981028
Group number: 1095737-0200
Assembly Drawing: 1095737-3_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1105715-0000	-		1	HATCH	
040	1041169-0000	-		1	COVERING PLATE	
060	1041171-0000	-		1	FOIL	
070	975917-0000	-		1	KEY FOR SAFETY SWITCH 90044-103	
080	1036563-0000	-		1	WASHER	
120	1129770-0000	-		2	BLOCKING PIECE	
125	1129767-0000	-		2	SCREW	
300	90226-0458	-		2	MOUNTING SCREW	
340	1279079-0000	-		2	SEALING STRIP	
350	90157-0041	-		1	SEALING COMPOUND	
360	90153-0049	-		1	ADHESIVE, LOCTITE 409 20G	
370	90165-0065	-		1	PIPE CLAMP, RSGU 1.8/9, D=8 MM	
380	312812-0312	-		1	HEXAGON NUT, NY-LOCK M4 A480	
520	312812-0312	-		2	HEXAGON NUT, NY-LOCK M4 A480	
530	312705-0312	-		4	NUT HEX. DOMED CAP MHM-6 M4 A280	
550	315105-0136	-		5	WASHER BRB4,3XRFR	

Pos	Part No	SP	UN	Qty	Description	Page No

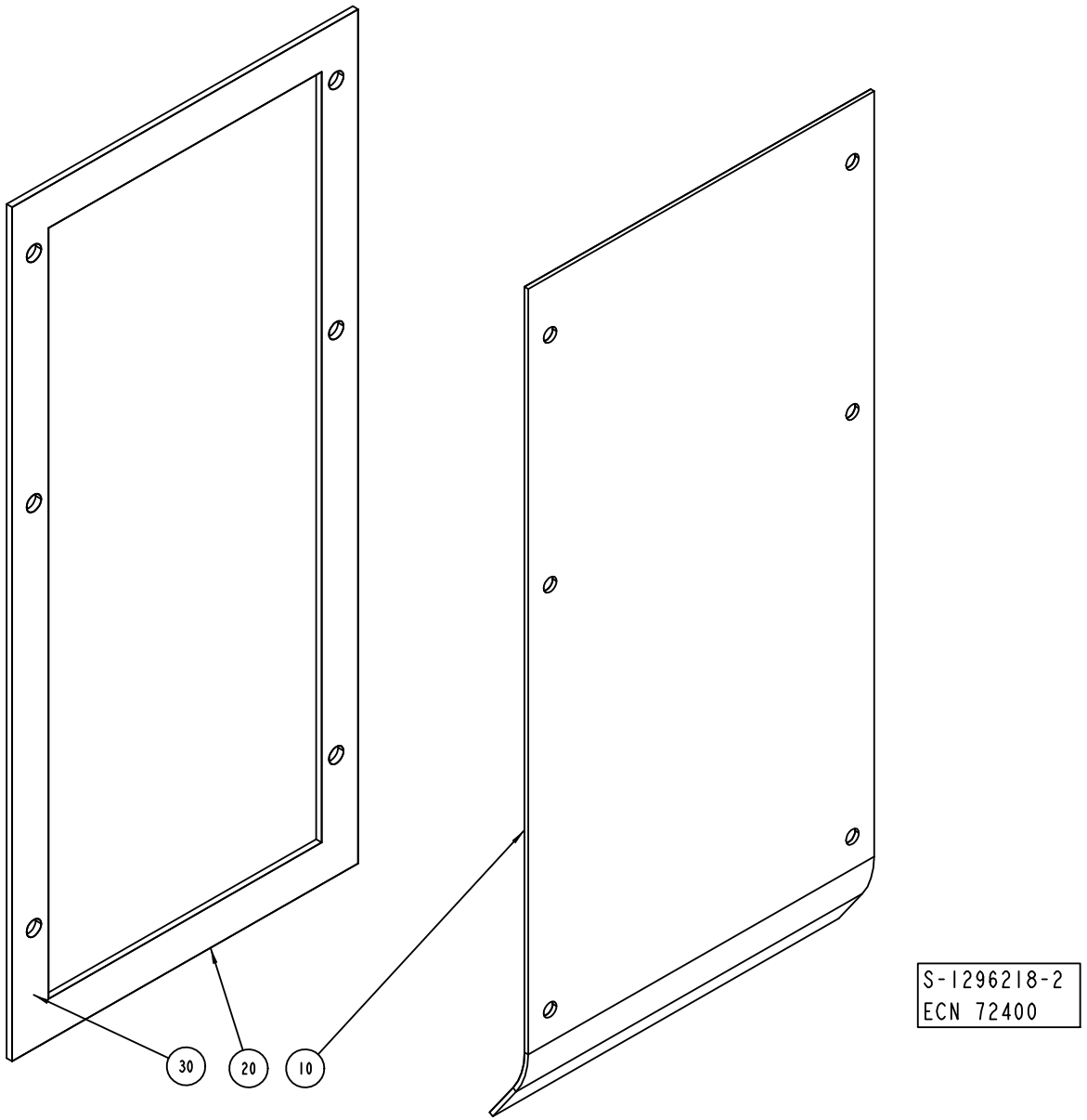


1285690-2
ECM 98379

ECM: 103662 - 20020502
Group number: 1285690-0200
Assembly Drawing: 1285690-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1296218-0200	-		1	LID	**345**
020	1478388-0000	-		1	FRONT GUARD	
030	1478390-0000	B		1	SEALING STRIP	
040	1535260-0000	B		2	GLASS PANE	
050	531616-0000	-		2	HOLDER	
100	90226-0458	-		8	MOUNTING SCREW	
110	90157-0041	-		1	SEALING COMPOUND	
200	315105-0153	-		20	WASHER BRB6,4X12RFR	
210	312105-0368	-		6	SCREW M6S M6X16 A280	
220	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
230	312705-0316	-		10	NUT HEX. DOMED CAP MHM-6 M6 A280	

Pos	Part No	SP	UN	Qty	Description	Page No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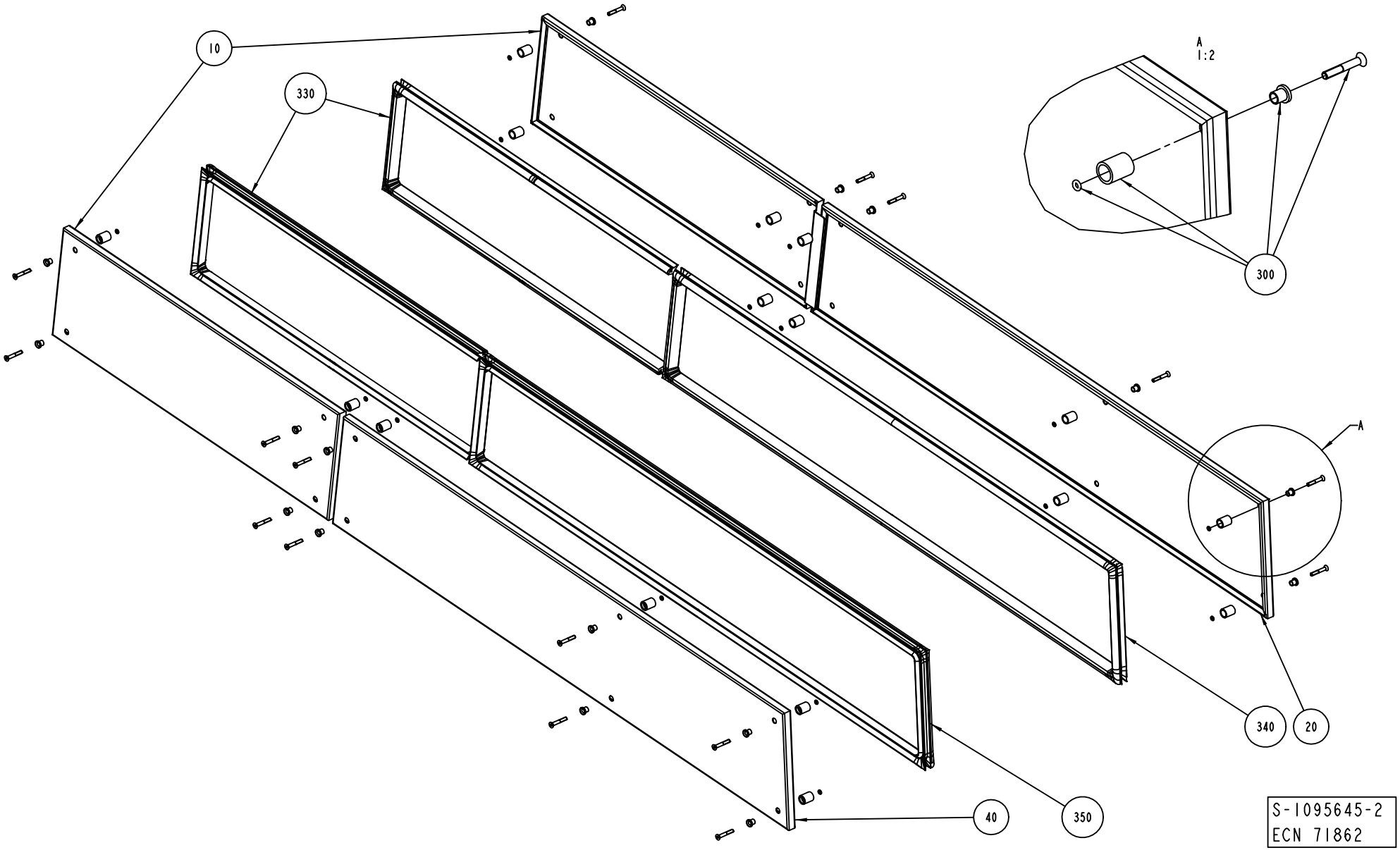
S-1296218-2
ECN 72400

ECM: 72400 - 19990430
Group number: 1296218-0200
Assembly Drawing: 1296218-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1478389-0000	-		1	COVERING PLATE	
020	1478391-0000	-		1	GASKET	
030	90157-0041	-		1	SEALING COMPOUND	

Pos	Part No	SP	UN	Qty	Description	Page No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330
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A
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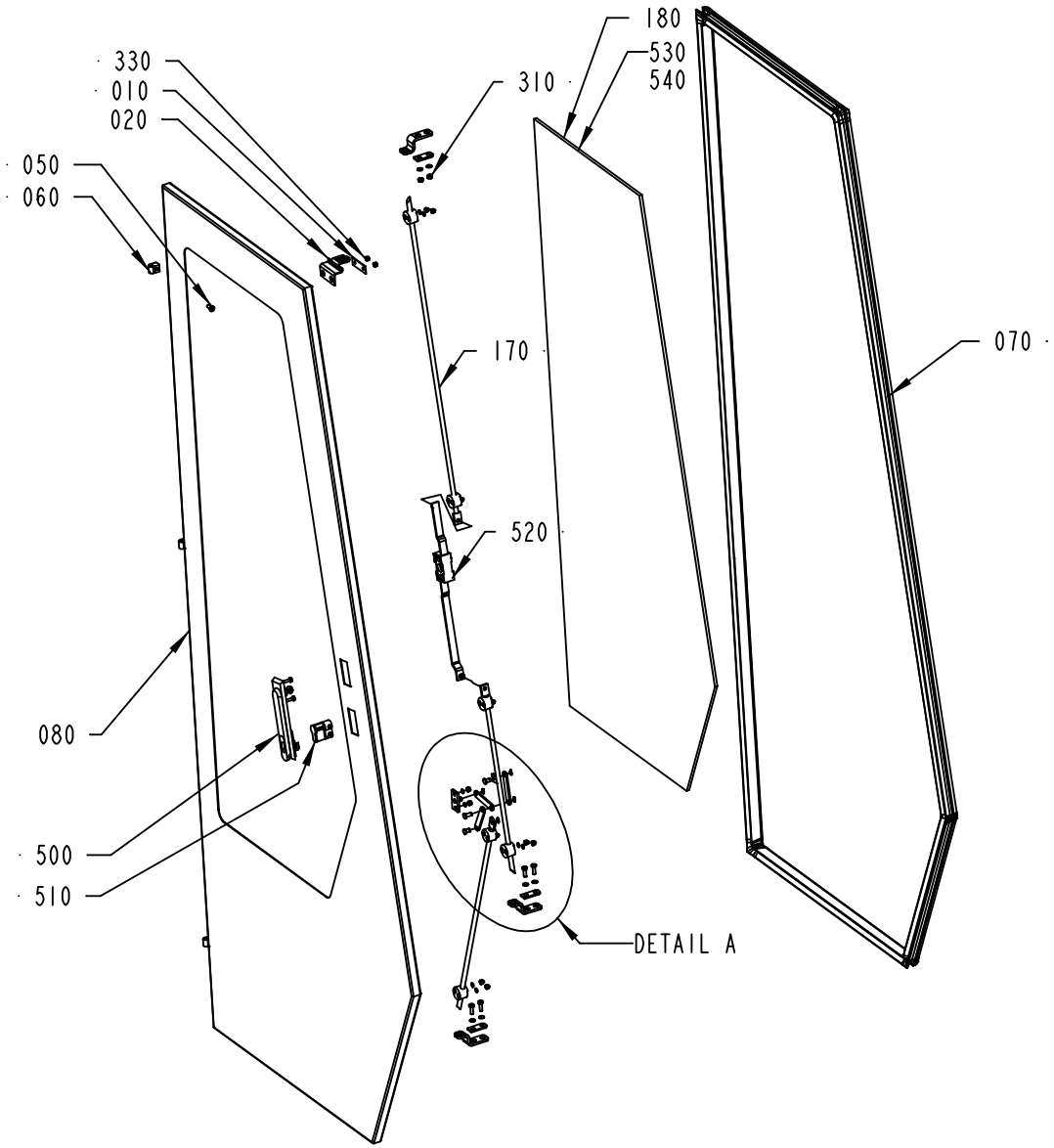
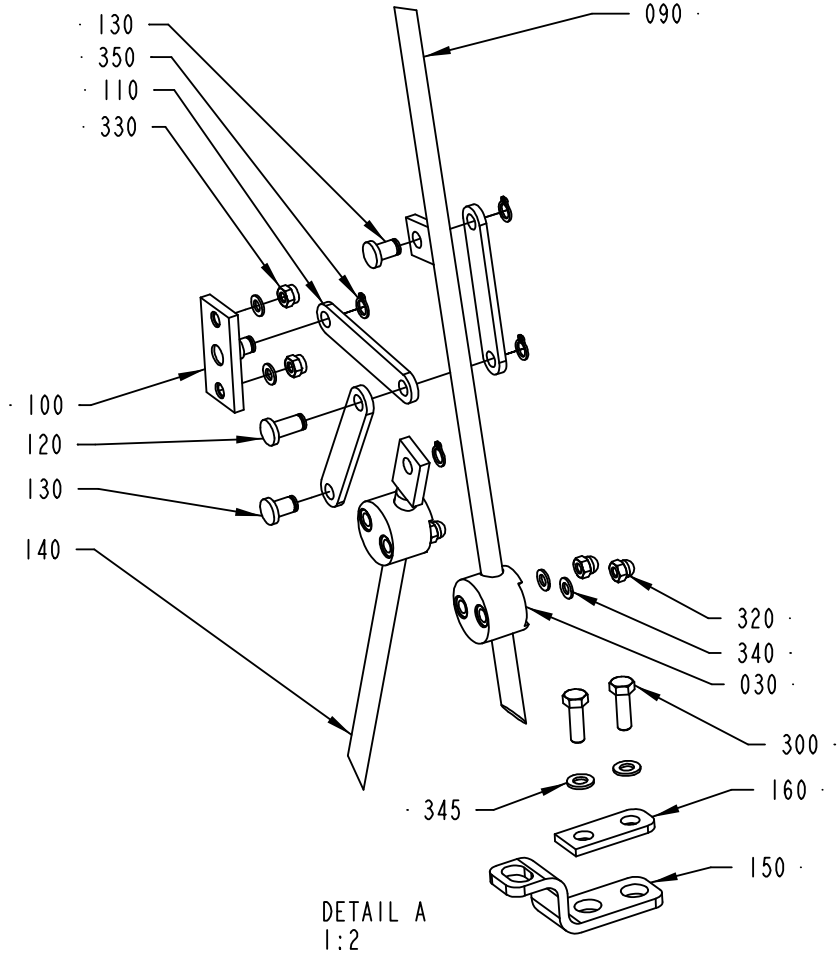
S-1095645-2
ECN 71862

ECM: 71862 - 19990419
Group number: 1095645-0200
Assembly Drawing: 1095645-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1105712-0000	-		2	HATCH	
020	1105713-0000	-		1	HATCH	
040	1105714-0000	-		1	HATCH	
300	90226-0458	-		20	MOUNTING SCREW	
310	312155-0374	-		20	SCREW EN 10642 MF6S M6X30 A480	
330	1279072-0000	-		2	SEALING STRIP	
340	1279073-0000	-		1	SEALING STRIP	
350	1279074-0000	-		1	SEALING STRIP	

Pos	Part No	SP	UN	Qty	Description	Page No





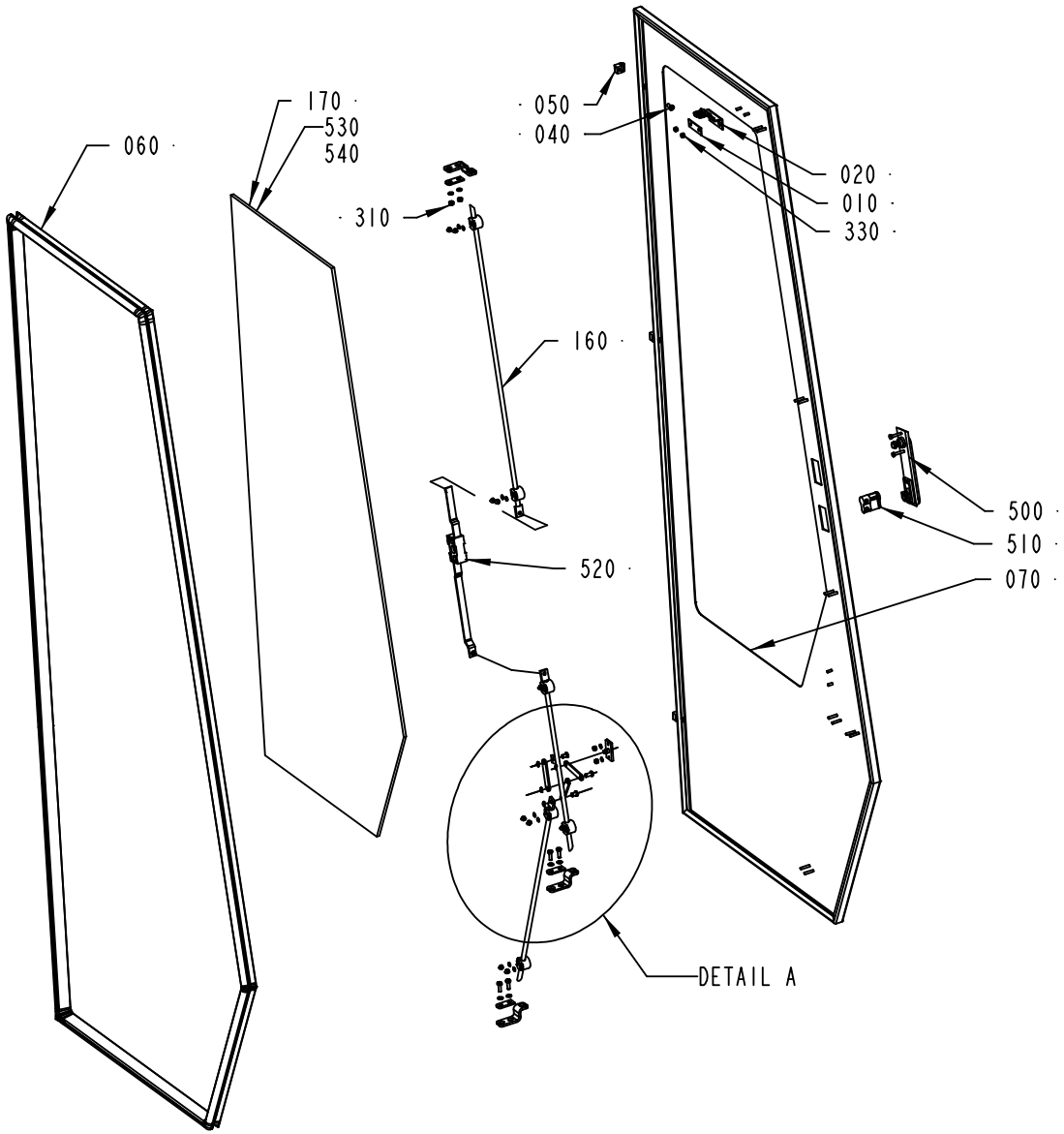
1535218-1
ECM 98379

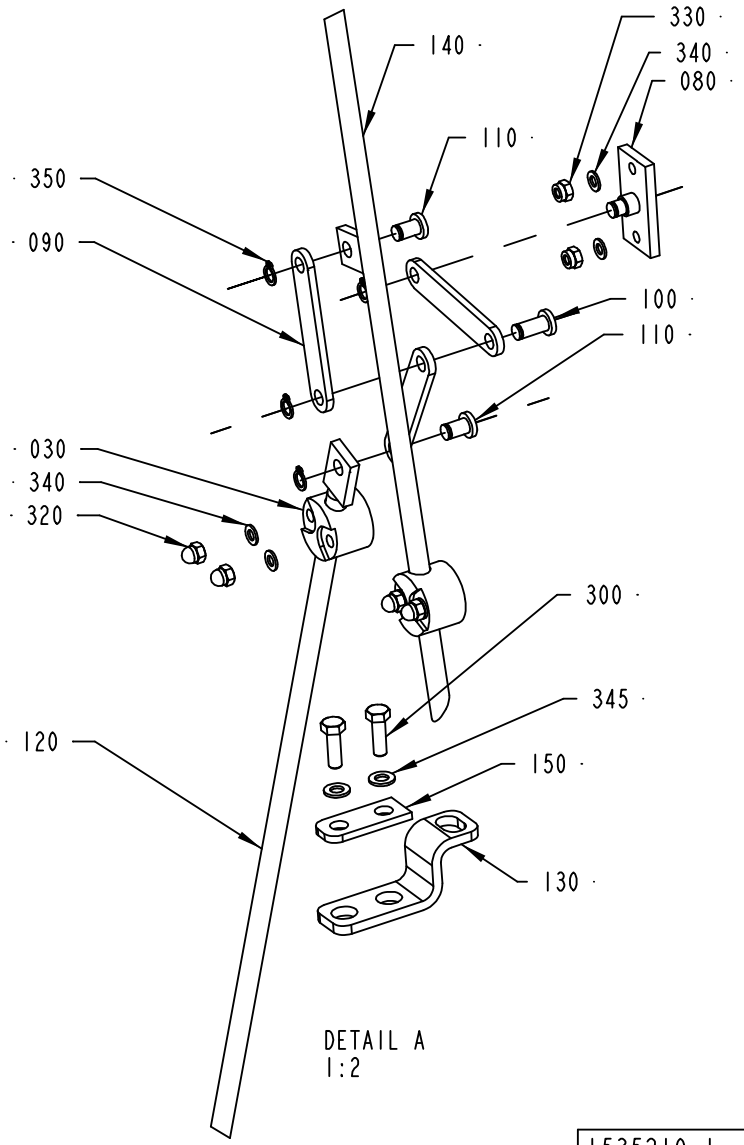
ECM: 98397 - 20020502
Group number: 1535218-0100
Assembly Drawing: 1535218-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036563-0000	-		1	WASHER	
020	1129042-0000	-		1	KEY	
030	1129274-0000	-		6	GUIDE LUG	
050	1129767-0000	-		3	SCREW	
060	1129770-0000	-		3	BLOCKING PIECE	
070	1279076-0000	-		1	SEALING STRIP	
080	1285843-0000	-		1	DOOR	
090	1285844-0000	-		1	LOCKING ARM	
100	1285845-0000	-		1	BRACKET	
110	1285846-0000	-		3	LINK	
120	1285847-0000	-		1	SHAFT	
130	1285848-0000	-		2	SHAFT	
140	1350708-0000	-		1	LOCKING ARM	
150	1362165-0000	-		3	BRACKET	
160	1338632-0000	-		3	WASHER	
170	1036304-0018	-		1	LOCKING ARM	
180	1535259-0002	-		1	GLASS PANE	
300	312105-0329	-		4	SCREW M6S ISO 4017 M5X16 A480	
310	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
320	312705-0312	-		12	NUT HEX. DOMED CAP MHM-6 M4 A280	
330	312812-0312	-		4	HEXAGON NUT, NY-LOCK M4 A480	
340	315105-0136	-		14	WASHER BRB4,3XRFR	
345	315105-0146	-		6	BRICKA BRB5,3X10RFR	
350	315751-0103	-		4	RETAIN. RING, 6	
500	90237-0175	-		1	TURNING HANDLE	
510	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
520	90237-0153	B		1	LOCK HOUSING, 1121-U26-0B	
530	90153-0049	-		1	ADHESIVE, LOCTITE 409 20G	
540	90157-0041	-		1	SEALING COMPOUND	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No





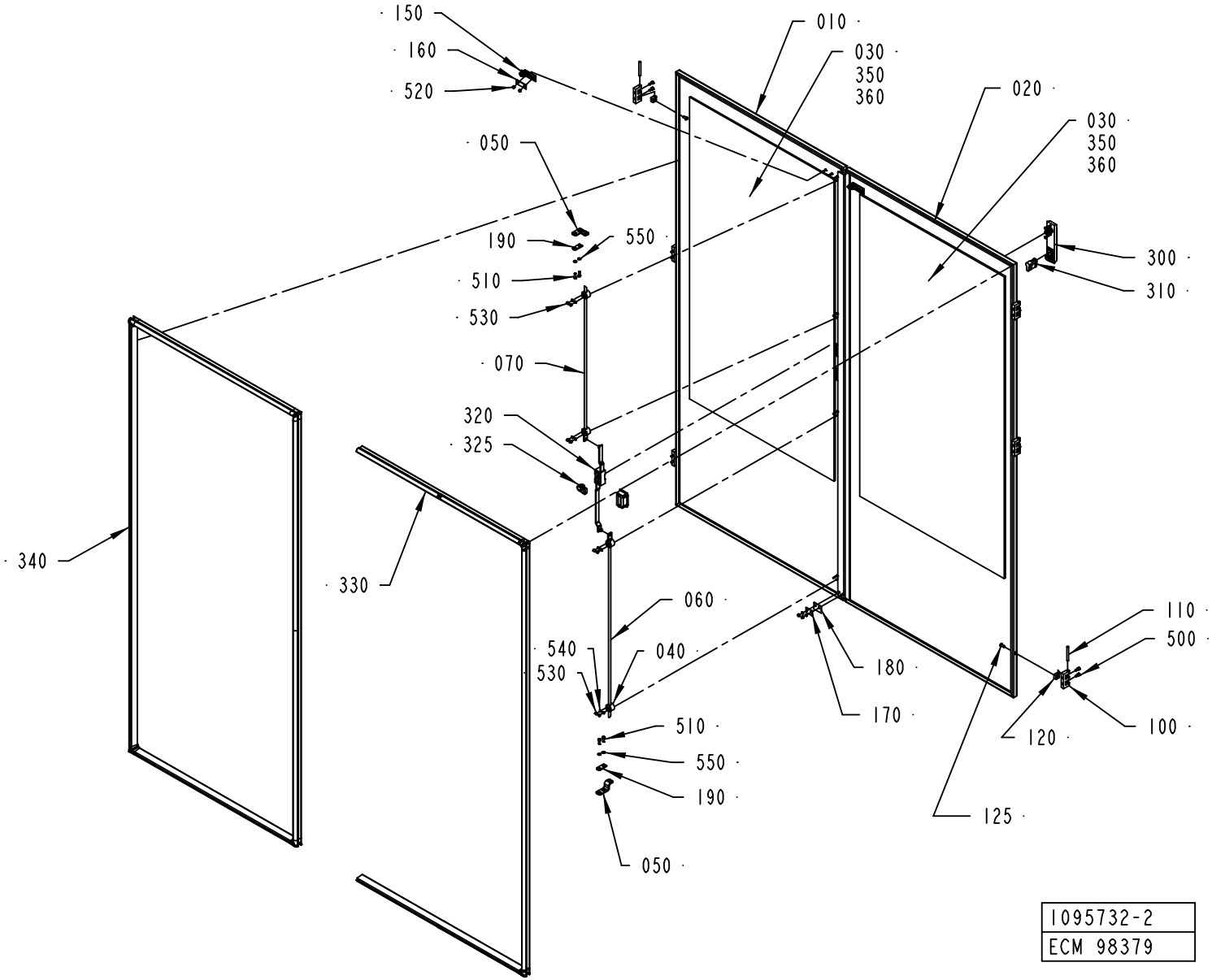
1535219-1
ECM 98379

ECM: 98398 - 20020502
Group number: 1535219-0100
Assembly Drawing: 1535219-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036563-0000	-		1	WASHER	
020	1129042-0000	-		1	KEY	
030	1129274-0000	-		6	GUIDE LUG	
040	1129767-0000	-		3	SCREW	
050	1129770-0000	-		3	BLOCKING PIECE	
060	1279075-0000	-		1	SEALING STRIP	
070	1285842-0000	-		1	DOOR	
080	1285845-0000	-		1	BRACKET	
090	1285846-0000	-		3	LINK	
100	1285847-0000	-		1	SHAFT	
110	1285848-0000	-		2	SHAFT	
120	1350708-0000	-		1	LOCKING ARM	
130	1362165-0000	-		3	BRACKET	
140	1478005-0000	-		1	LOCKING ARM	
150	1338632-0000	-		3	WASHER	
160	1036304-0018	-		1	LOCKING ARM	
170	1535259-0001	-		1	GLASS PANE	
300	312105-0329	-		4	SCREW M6S ISO 4017 M5X16 A480	
310	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
320	312705-0312	-		12	NUT HEX. DOMED CAP MHM-6 M4 A280	
330	312812-0312	-		4	HEXAGON NUT, NY-LOCK M4 A480	
340	315105-0136	-		14	WASHER BRB4,3XRFR	
345	315105-0146	-		6	BRICKA BRB5,3X10RFR	
350	315751-0103	-		4	RETAIN. RING, 6	
500	90237-0175	-		1	TURNING HANDLE	
510	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
520	90237-0153	B		1	LOCK HOUSING, 1121-U26-0B	
530	90153-0049	-		1	ADHESIVE, LOCTITE 409 20G	
540	90157-0041	-		1	SEALING COMPOUND	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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360
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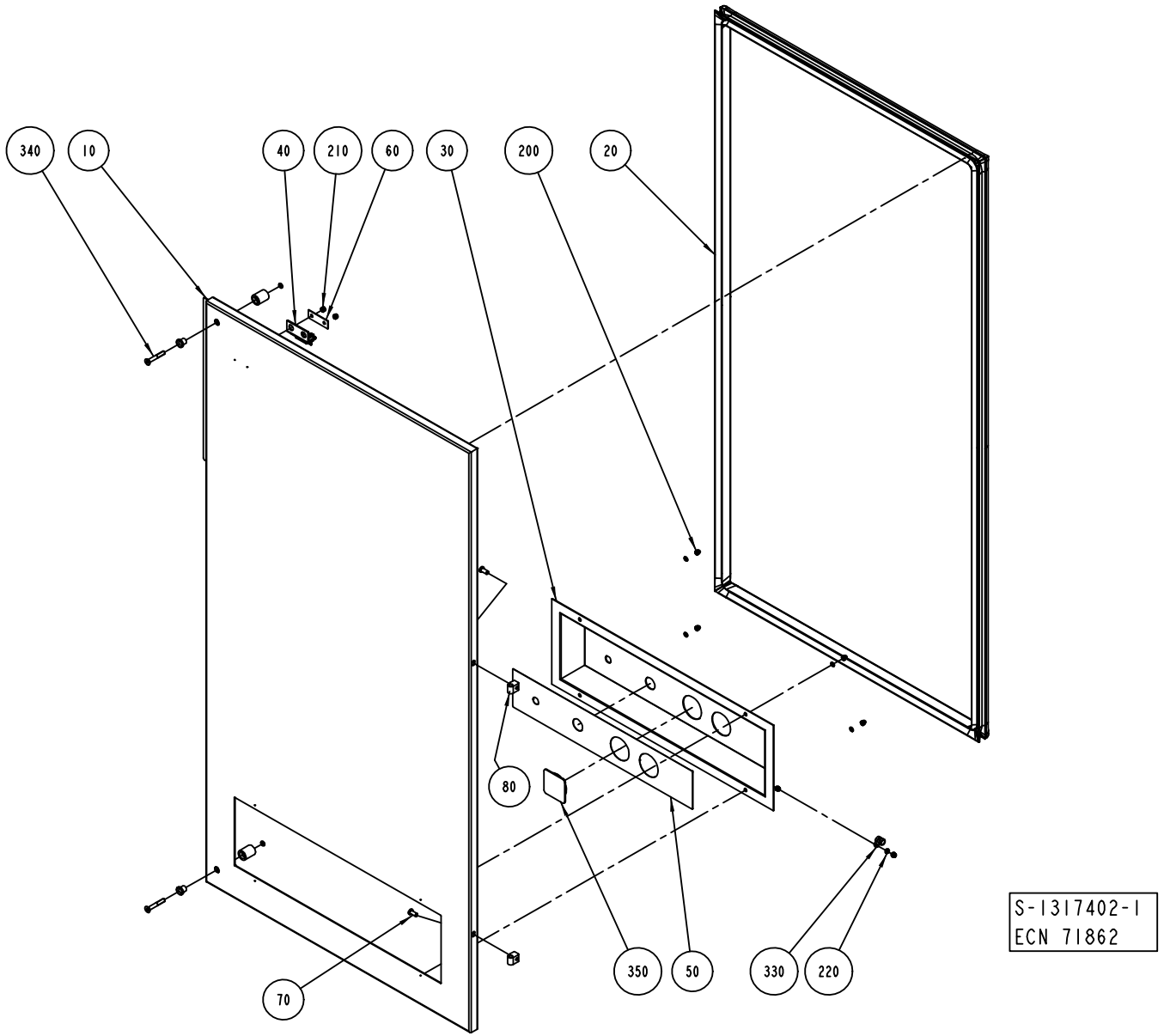
030
350
360
300
310
180
170
110
500
100
120
125
1095732-2
ECM 98379

ECM: 98393 - 20020502
Group number: 1095732-0200
Assembly Drawing: 1095732-2_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1105521-0000	-		1	DOOR	
020	1105688-0000	-		1	DOOR	
030	1535257-0000	-		2	GLASS PANE	
040	1129274-0000	-		4	GUIDE LUG	
050	1362165-0000	-		2	BRACKET	
060	1036304-0006	-		1	LOCKING ARM	
070	1036304-0013	-		1	LOCKING ARM	
100	1035792-0000	-		6	E-HINGE	
110	988685-0000	-		6	PIN	
120	1129770-0000	-		6	BLOCKING PIECE	
125	1129767-0000	-		6	SCREW	
150	1129042-0000	-		2	KEY	
160	1036563-0000	-		2	WASHER	
170	1129324-0000	-		1	WASHER	
180	1129325-0000	-		1	SEALING FLANGE	
190	1338632-0000	-		2	WASHER	
300	90237-0176	-		1	TURNING HANDLE	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	B		1	LOCK HOUSING, 1121-U26-0B	
325	90237-0165	-		1	LATCH	
330	1279078-0000	-		1	SEALING STRIP	
340	1279077-0000	-		1	SEALING STRIP	
350	90157-0041	-		1	SEALING COMPOUND	
360	90153-0049	-		1	ADHESIVE, LOCTITE 409 20G	
500	312115-0327	-		12	SCREW ISO4762 M5X12 A4	
510	312105-0329	-		4	SCREW M6S ISO 4017 M5X16 A480	
520	312812-0312	-		6	HEXAGON NUT, NY-LOCK M4 A480	
530	312705-0312	-		8	NUT HEX. DOMED CAP MHM-6 M4 A280	
540	315105-0136	-		10	WASHER BRB4,3XRFR	
550	315105-0146	-		4	BRICKA BRB5,3X10RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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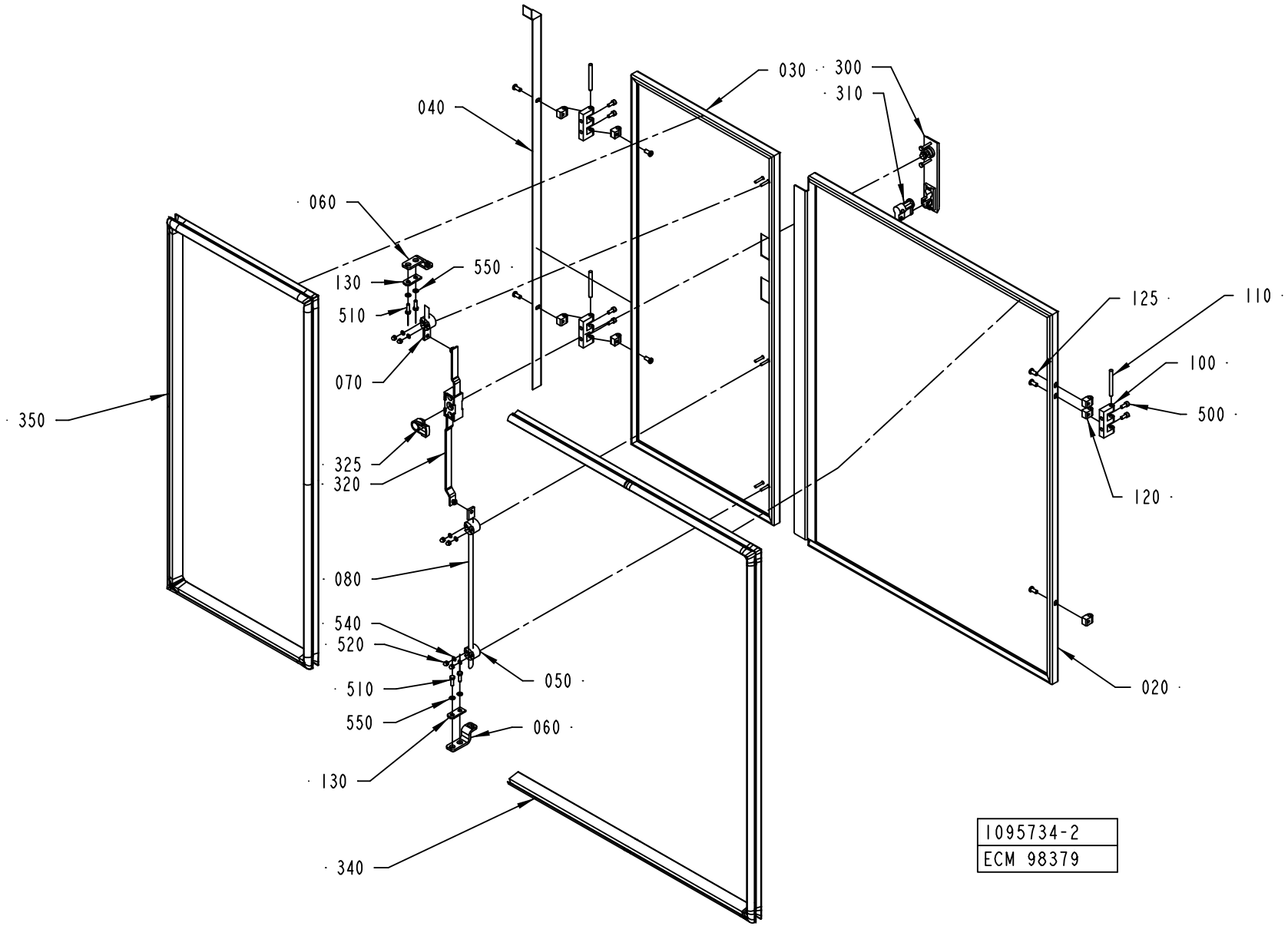
70
S-1317402-1
ECN 71862

ECM: 71862 - 19990419
Group number: 1317402-0100
Assembly Drawing: 1317402-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1317405-0000	-		1	COVER	
020	1279079-0000	C		1	SEALING STRIP	
030	1317406-0000	-		1	COVERING PLATE	
040	975917-0000	-		1	KEY FOR SAFETY SWITCH 90044-103	
050	1317407-0000	-		1	FOIL	
060	1036563-0000	-		1	WASHER	
070	1129767-0000	-		2	SCREW	
080	1129770-0000	-		2	BLOCKING PIECE	
200	312705-0312	-		4	NUT HEX. DOMED CAP MHM-6 M4 A280	
210	312812-0312	-		2	HEXAGON NUT, NY-LOCK M4 A480	
220	315105-0136	-		4	WASHER BRB4,3XRFR	
300	90153-0049	-		1	ADHESIVE, LOCTITE 409 20G	
310	90157-0041	-		1	SEALING COMPOUND	
330	90226-0458	-		2	MOUNTING SCREW	
340	90261-0070	-		1	PLASTIC PLUG SS 0082.31	

Pos	Part No	SP	UN	Qty	Description	Page No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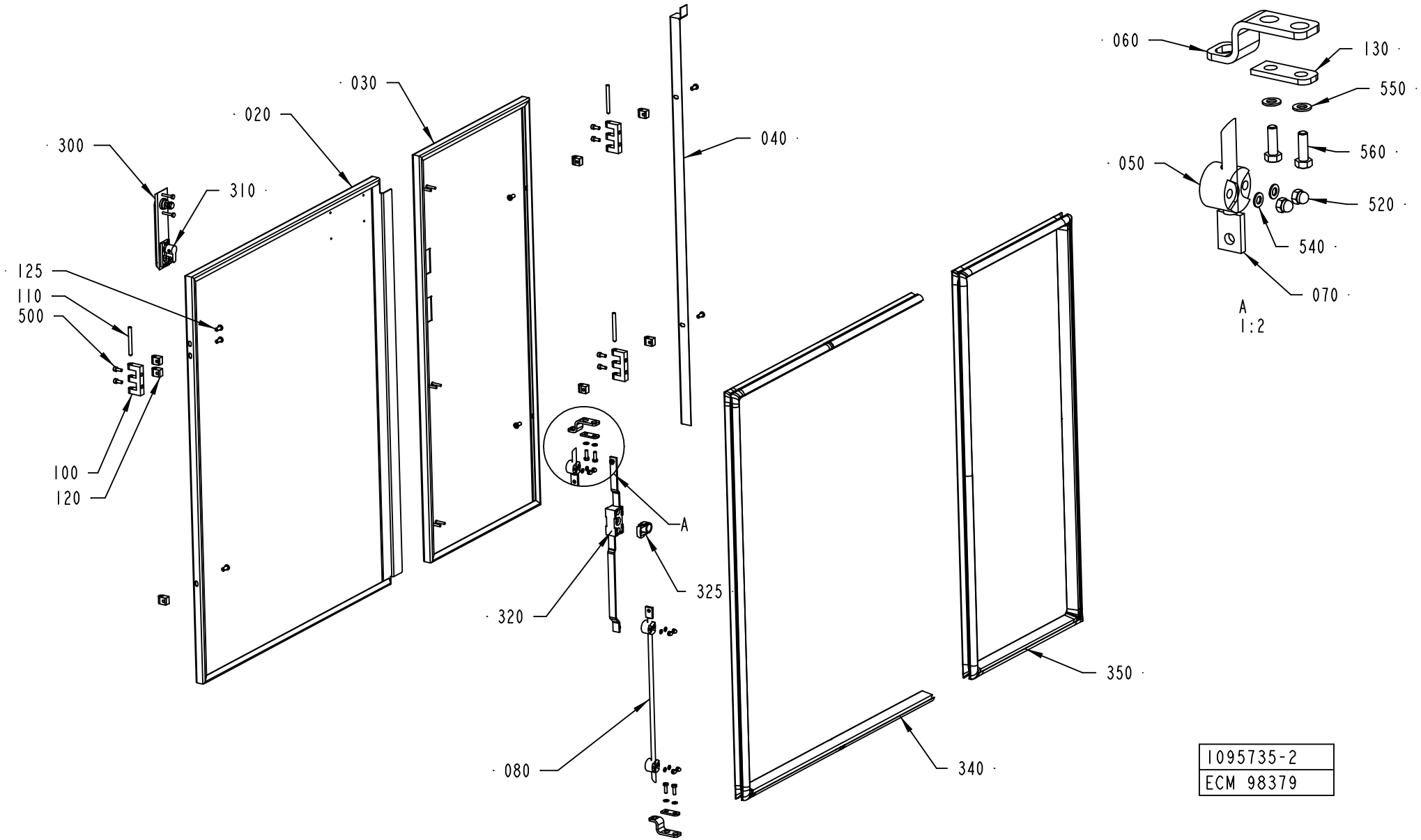
020
1095734-2
ECM 98379

ECM: 98394 - 20020502
Group number: 1095734-0200
Assembly Drawing: 1095734-2_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1105718-0000	-		1	DOOR	
030	1105729-0000	-		1	DOOR	
040	1129038-0000	-		1	COVERING PLATE	
050	1129274-0000	-		3	GUIDE LUG	
060	1362165-0000	-		2	BRACKET	
070	1036304-0001	-		1	LOCKING ARM	
080	1036304-0002	-		1	LOCKING ARM	
100	1035792-0000	-		3	E-HINGE	
110	988685-0000	-		3	PIN	
120	1129770-0000	-		7	BLOCKING PIECE	
125	1129767-0000	-		7	SCREW	
130	1338632-0000	-		2	WASHER	
300	90237-0175	-		1	TURNING HANDLE	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
325	90237-0165	-		1	LATCH	
340	1279080-0000	-		1	SEALING STRIP	
350	1279081-0000	-		1	SEALING STRIP	
500	312115-0327	-		6	SCREW ISO4762 M5X12 A4	
510	312105-0329	-		4	SCREW M6S ISO 4017 M5X16 A480	
520	312705-0312	-		6	NUT HEX. DOMED CAP MHM-6 M4 A280	
540	315105-0136	-		6	WASHER BRB4,3XRFR	
550	315105-0146	-		4	BRICKA BRB5,3X10RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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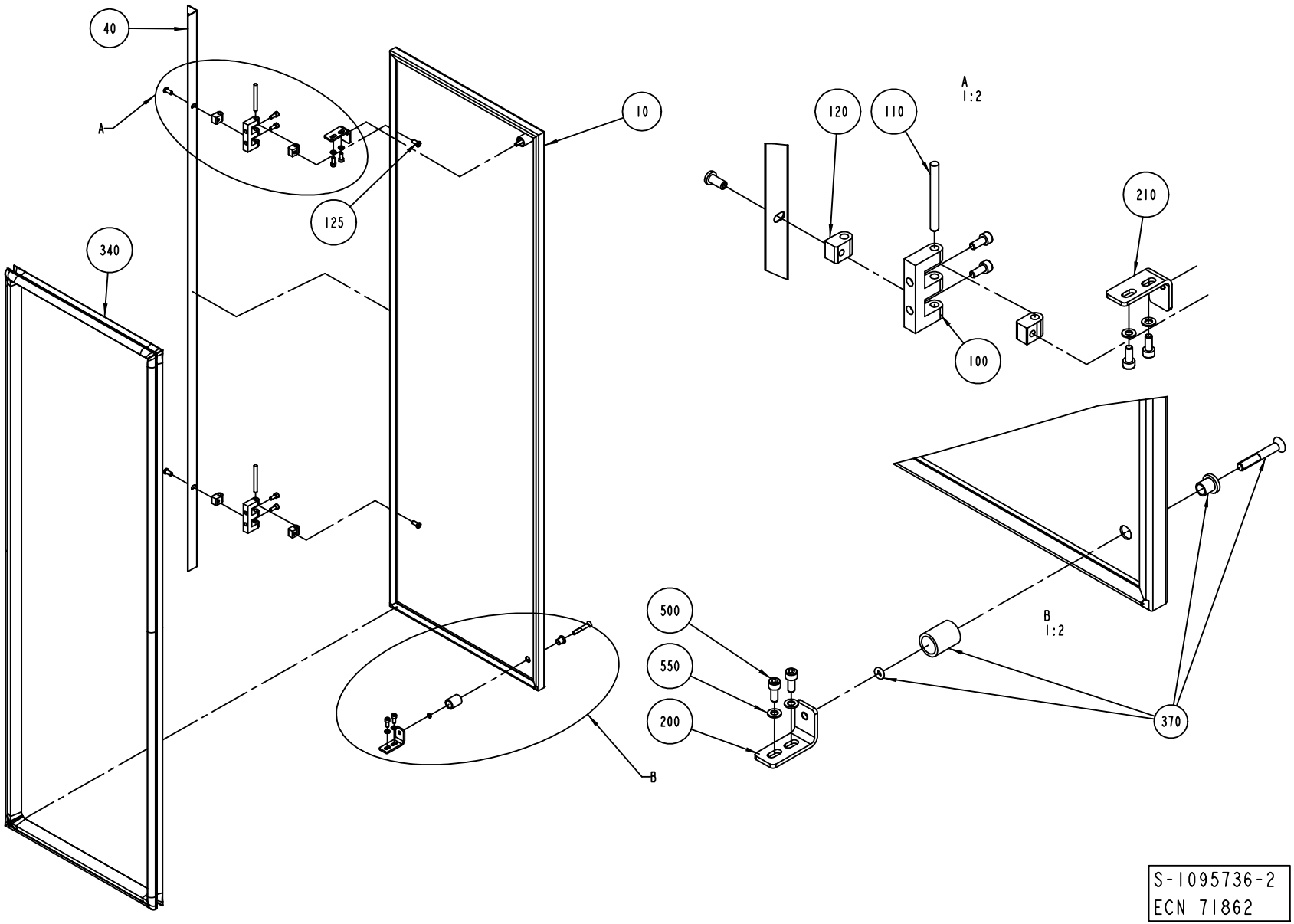
A
325
320
080
340
350
1095735-2
ECM 98379

ECM: 98395 - 20020502
Group number: 1095735-0200
Assembly Drawing: 1095735-2_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1105730-0000	-		1	DOOR	
030	1116029-0000	-		1	DOOR	
040	1129039-0000	-		1	COVERING PLATE	
050	1129274-0000	-		3	GUIDE LUG	
060	1362165-0000	-		2	BRACKET	
070	1036304-0001	-		1	LOCKING ARM	
080	1036304-0002	-		1	LOCKING ARM	
100	1035792-0000	-		3	E-HINGE	
110	988685-0000	-		3	PIN	
120	1129770-0000	-		7	BLOCKING PIECE	
125	1129767-0000	-		7	SCREW	
130	1338632-0000	-		2	WASHER	
300	90237-0175	-		1	TURNING HANDLE	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
325	90237-0165	-		1	LATCH	
340	1279080-0000	-		1	SEALING STRIP	
350	1279081-0000	-		1	SEALING STRIP	
500	312115-0327	-		6	SCREW ISO4762 M5X12 A4	
520	312705-0312	-		6	NUT HEX. DOMED CAP MHM-6 M4 A280	
540	315105-0136	-		6	WASHER BRB4,3XRFR	
550	315105-0146	-		4	BRICKA BRB5,3X10RFR	
560	312105-0329	-		4	SCREW M6S ISO 4017 M5X16 A480	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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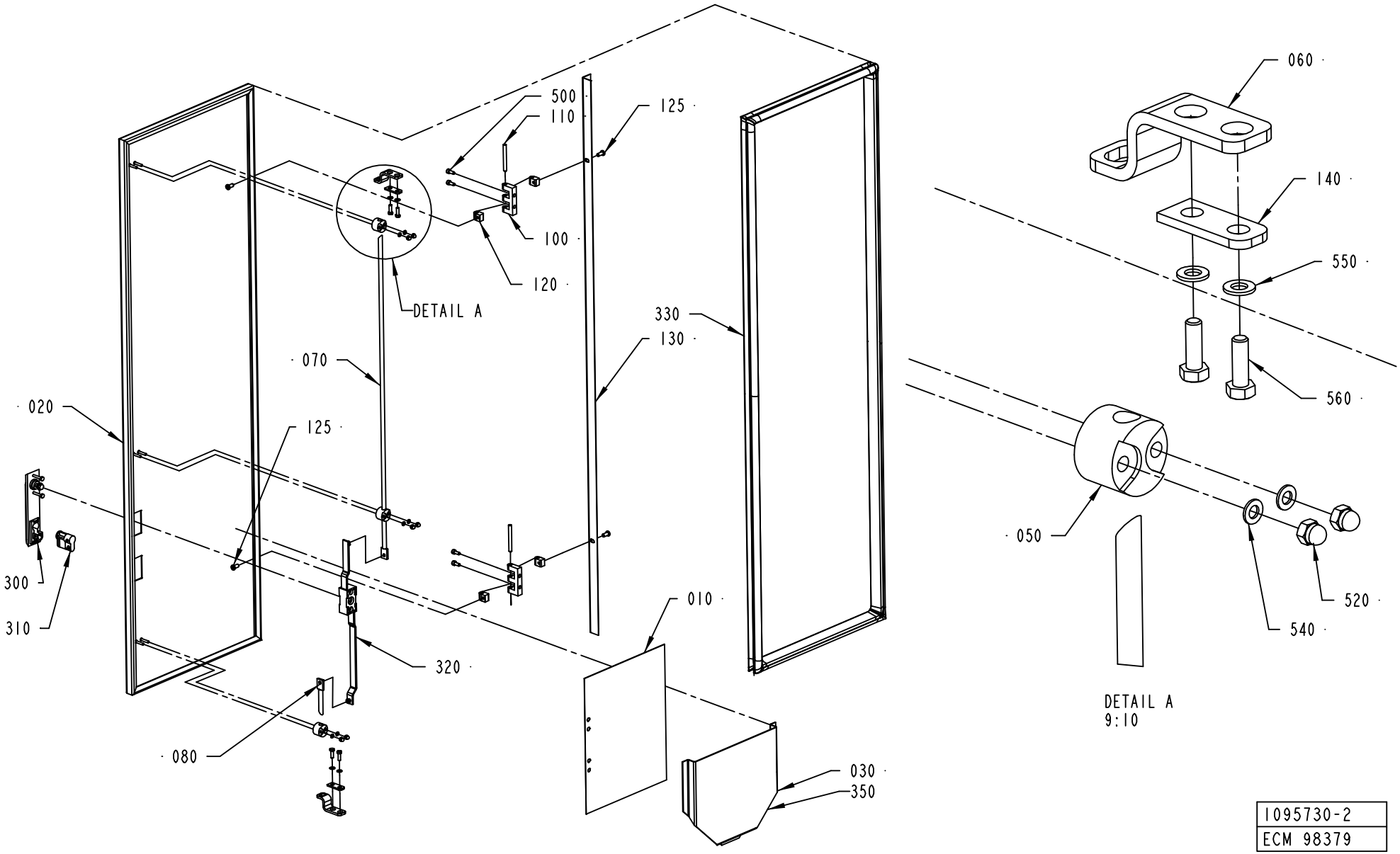
370
S-1095736-2
ECN 71862

ECM: 71862 - 19990419
Group number: 1095736-0200
Assembly Drawing: 1095736-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1116030-0000	-		1	DOOR	
040	1036980-0000	-		1	COVERING PLATE	
100	1035792-0000	-		2	E-HINGE	
110	988685-0000	-		2	PIN	
120	1129770-0000	-		6	BLOCKING PIECE	
125	1129767-0000	-		4	SCREW	
200	590202-0000	-		1	BRACKET	
210	590203-0000	-		1	BRACKET	
340	1279082-0000	-		1	SEALING STRIP	
370	90226-0458	-		2	MOUNTING SCREW	
500	312115-0327	-		8	SCREW ISO4762 M5X12 A4	
550	315105-0146	-		4	BRICKA BRB5,3X10RFR	

Pos	Part No	SP	UN	Qty	Description	Page No



1095730-2
ECM 98379

ECM: 98392 - 20020502
Group number: 1095730-0200
Assembly Drawing: 1095730-2_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1255619-0200	-		1	DIAGRAM	**365**
020	1116031-0000	-		1	DOOR	
030	1129275-0000	-		1	BOX FOR DIAGRAM	
050	1129274-0000	-		3	GUIDE LUG	
060	1362165-0000	-		2	BRACKET	
070	1036304-0005	-		1	LOCKING ARM	
080	1036304-0001	-		1	LOCKING ARM	
100	1035792-0000	-		2	E-HINGE	
110	988685-0000	-		2	PIN	
120	1129770-0000	-		4	BLOCKING PIECE	
125	1129767-0000	-		4	SCREW	
130	1036980-0000	-		1	COVERING PLATE	
140	1338632-0000	-		2	WASHER	
300	90237-0175	-		1	TURNING HANDLE	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
330	1279082-0000	-		1	SEALING STRIP	
350	90157-0041	-		1	SEALING COMPOUND	
500	312115-0327	-		4	SCREW ISO4762 M5X12 A4	
520	312705-0312	-		6	NUT HEX. DOMED CAP MHM-6 M4 A280	
540	315105-0136	-		6	WASHER BRB4,3XRFR	
550	315105-0146	-		4	BRICKA BRB5,3X10RFR	
560	312105-0329	-		4	SCREW M6S ISO 4017 M5X16 A480	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

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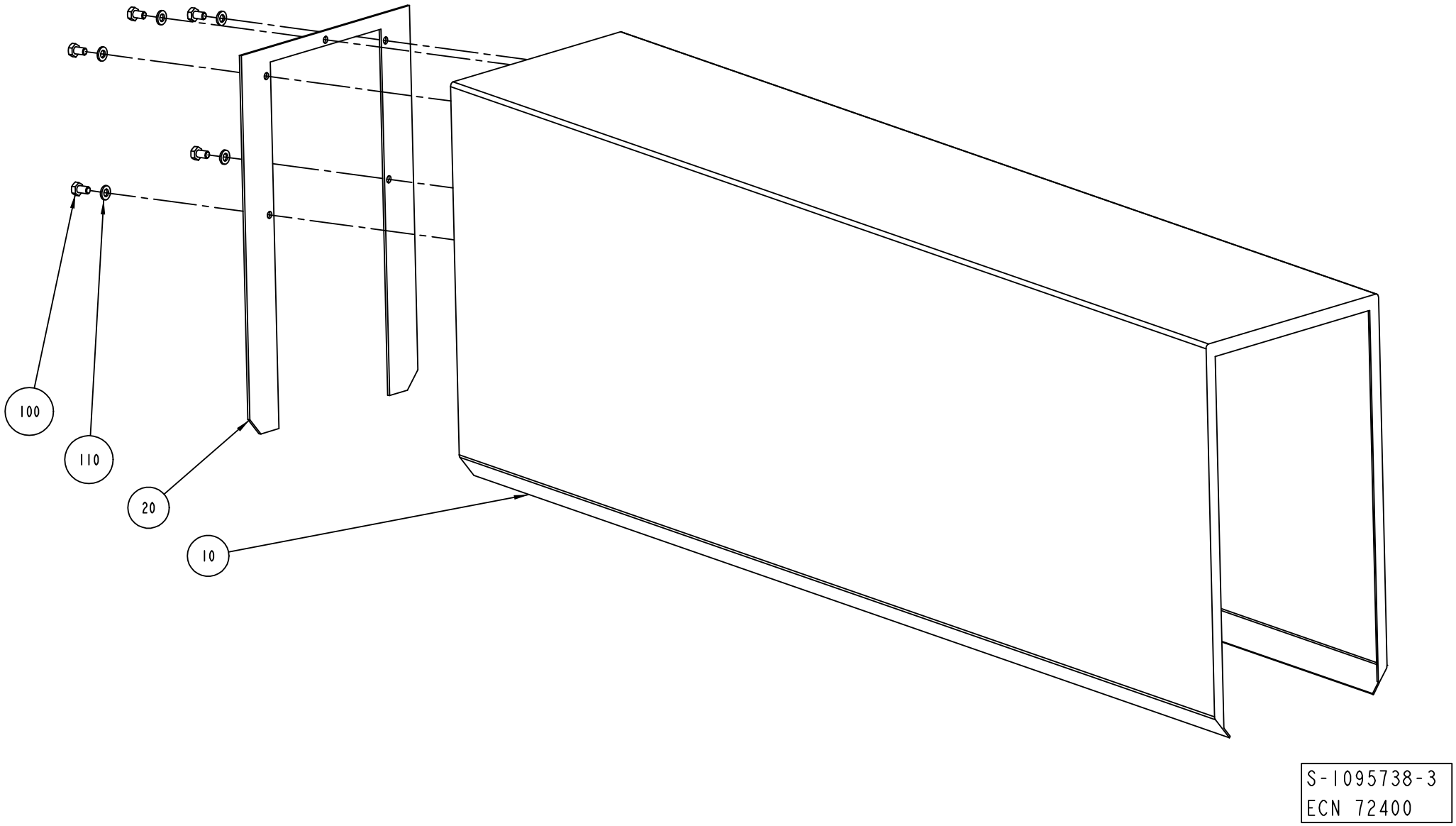
ECM: 73114 - 20001005
Group number: 1255619-0200
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1129150-0000	-		1	PNEUMATIC DIAGRAM	
020	1129998-0000	-		1	PNEUMATIC DIAGRAM	
030	1140265-0000	-		1	PNEUMATIC DIAGRAM	
040	1334229-0000	-		1	PNEUMATIC DIAGRAM	
050	1487813-0000	-		1	PNEUMATIC DIAGRAM	
055	1487814-0000	-		1	PNEUMATIC DIAGRAM	
060	1484417-0000	-		1	PNEUMATIC DIAGRAM	
065	1487169-0000	-		1	PNEUMATIC DIAGRAM	
070	1487564-0000	-		1	PNEUMATIC DIAGRAM	
080	1487577-0000	-		1	PNEUMATIC DIAGRAM	
090	1490074-0000	-		1	PNEUMATIC DIAGRAM	
120	1255364-0000	-		1	WATER DIAGRAM	
130	1511629-0000	-		1	WATER DIAGRAM	
140	1517503-0000	-		1	HYDRAULIC DIAGRAM	
150	1346071-0000	-		1	HYDRAULIC DIAGRAM	
170	1255275-0000	-		1	LUBRICATION DIAGRAM	
200	1129005-0000	-		1	DIAGRAM FILLING STANDARD	
210	1129456-0000	-		1	EXTERNAL CLEANING DIAGRAM	
220	1140278-0000	-		1	DIAGRAM FOR HI TBA/21	
230	1478174-0000	-		1	DIAGRAM PEROXIDE SYSTEM	
240	1499405-0000	-		1	DIAGRAM	

Pos	Part No	SP	UN	Qty	Description	Page No

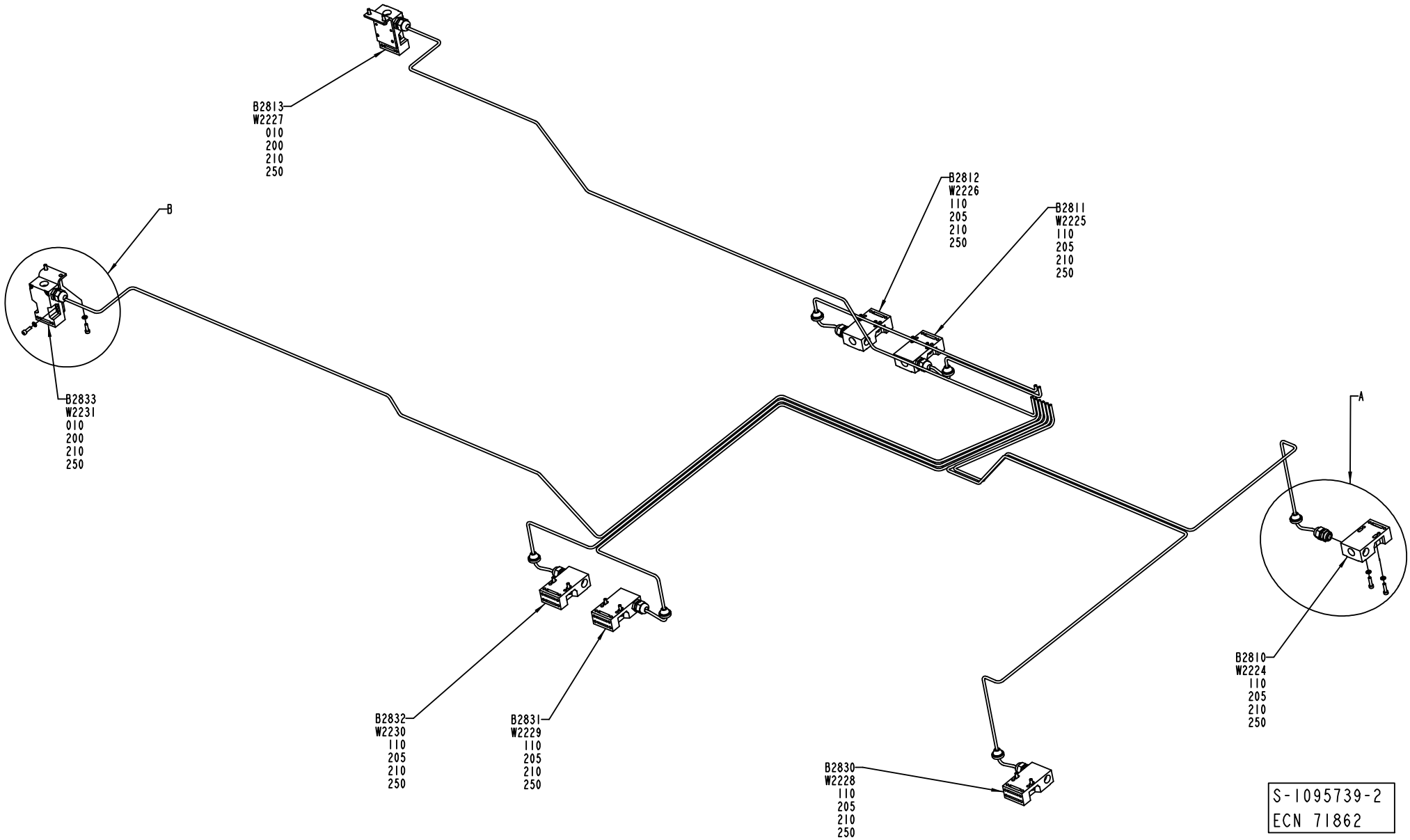


S-1095738-3
ECN 72400

ECM: 72400 - 19990430
Group number: 1095738-0300
Assembly Drawing: 1095738-3_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1296289-0000	-		1	TUNNEL	
020	1296290-0000	-		1	GASKET	
100	312105-0364	-		5	SCREW M6S ISO 4017 M6X10 A480	
110	315105-0153	-		5	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No


B2813
W2227
010
200
210
250
B2812
W2226
110
205
210
250
B2811
W2225
110
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250
B
B2833
W2231
010
200
210
250
A
B2832
W2230
110
205
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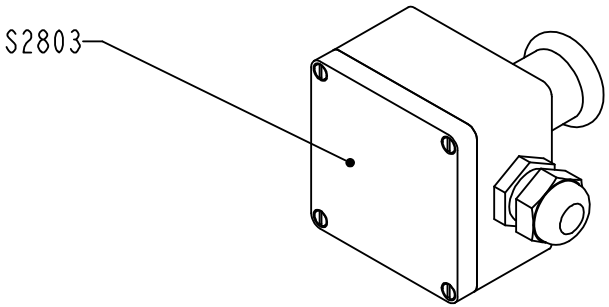
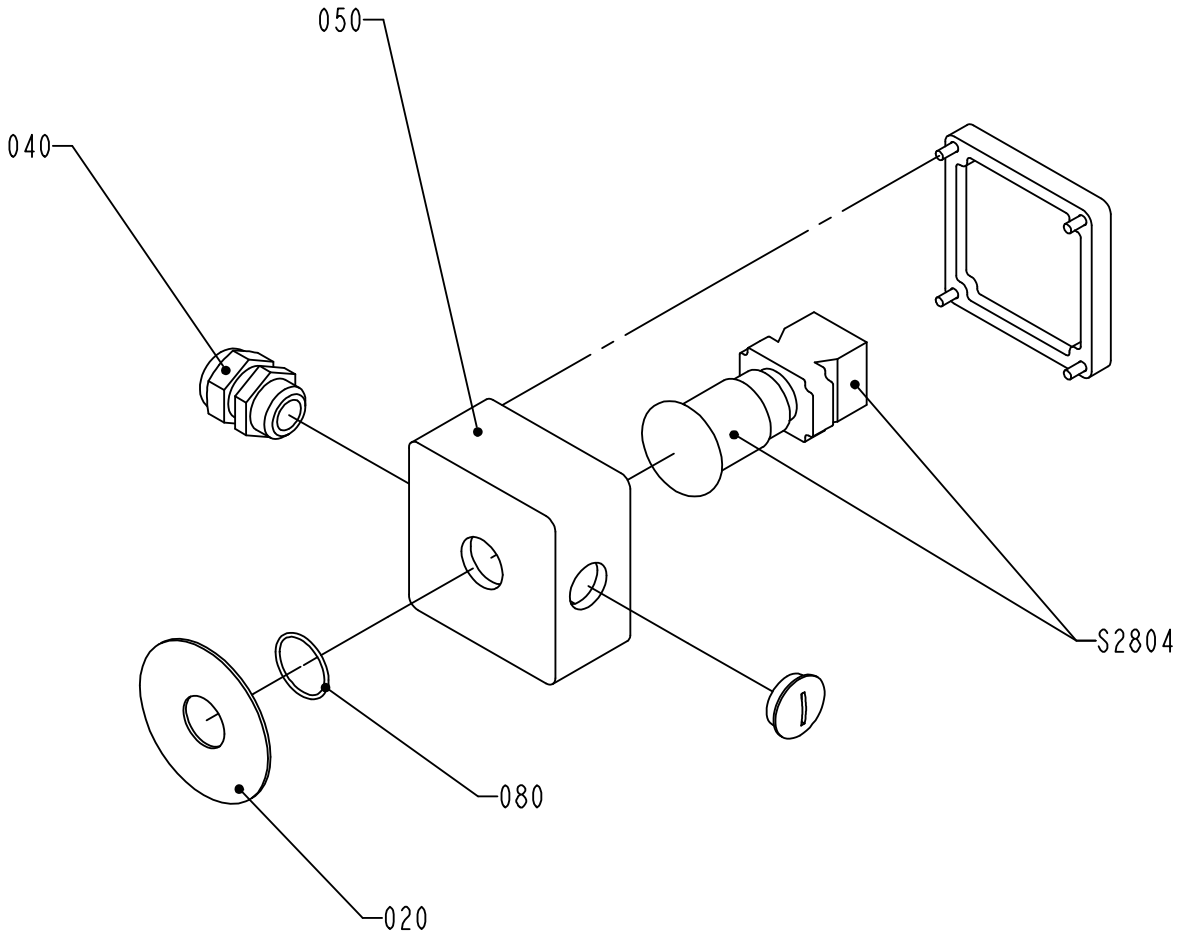
B2831
W2229
110
205
210
250
B2830
W2228
110
205
210
250
B2810
W2224
110
205
210
250
S-1095739-2
ECN 71862

ECM: 71862 - 19990419
Group number: 1095739-0200
Assembly Drawing: 1095739-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037076-0000	-		2	BRACKET	
110	90015-0023	-		6	LEAD-IN, TET7-10, E-1458019	
200	312115-0329	-		8	SCREW ISO4762 M5X16 A4	
205	312115-0331	-		12	SCREW ISO4762 M5X20 A4	
210	315105-0146	-		20	BRICKA BRB5,3X10RFR	
250	352103-0106	-		8	CABLE GLAND, ST 11, PR18,6/PG11	
B 2810	90044-0139	C		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
B 2811	90044-0139	C		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
B 2812	90044-0139	C		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
B 2813	90044-0139	C		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
B 2830	90044-0139	C		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
B 2831	90044-0139	C		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
B 2832	90044-0139	C		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
B 2833	90044-0139	C		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
W 2224	351150-0405	-	MM	2500	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W 2225	351150-0405	-	MM	1000	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W 2226	351150-0405	-	MM	1400	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W 2227	351150-0405	-	MM	2600	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W 2228	351150-0405	-	MM	2900	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W 2229	351150-0405	-	MM	2400	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W 2230	351150-0405	-	MM	2500	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W 2231	351150-0405	-	MM	3400	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No



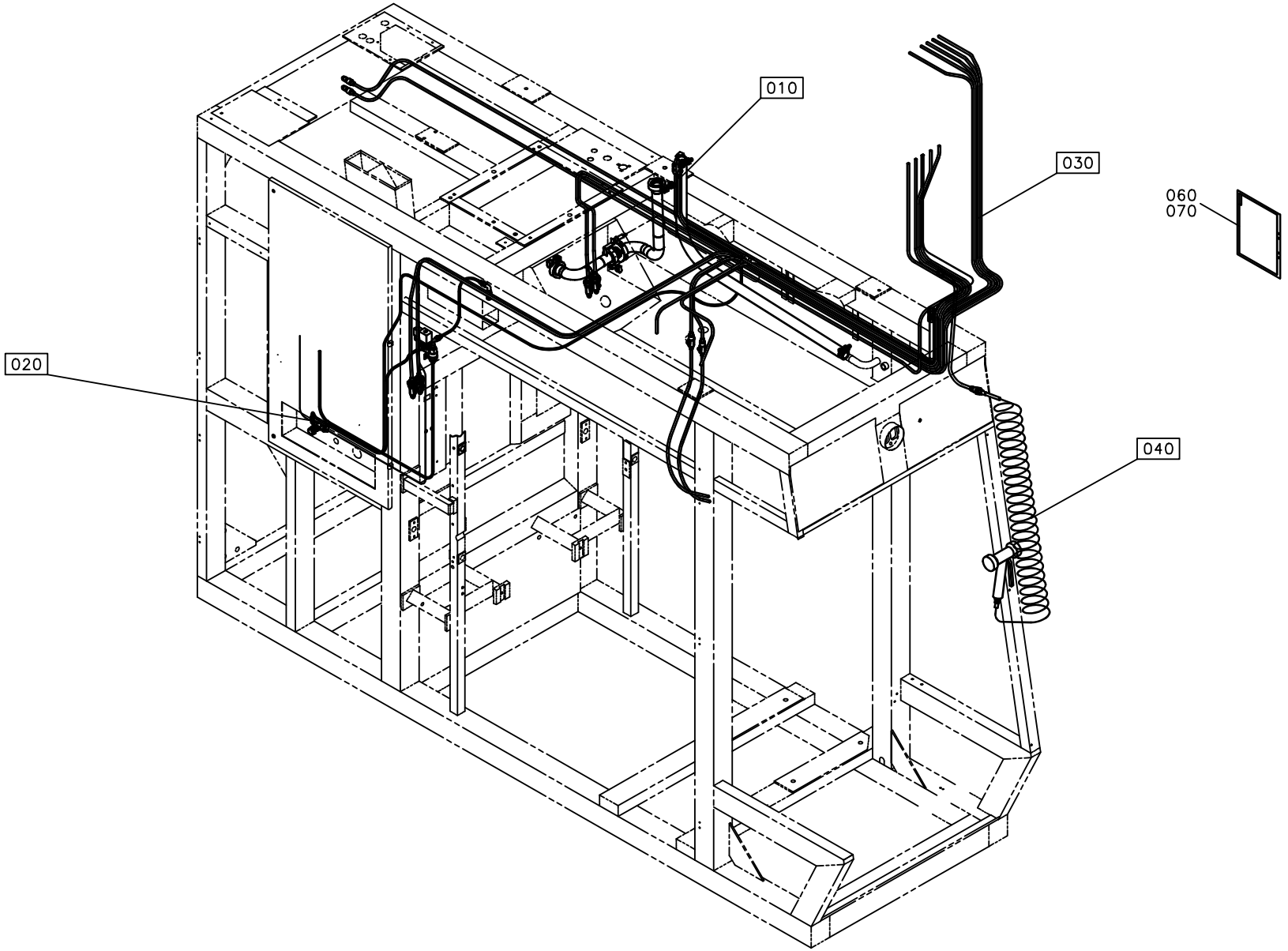


S-1095743-2
ECN 71862

ECM: 71862 - 19990419
Group number: 1095743-0200
Assembly Drawing: 1095743-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	486826-0001	-		2	SIGN "EMERGENCY STOP"	
040	352103-0110	-		2	CABLE GLAND, STR 16, PR22,5/PG16	
050	1037130-0000	-		2	CONNECTION BOX	
080	315202-0119	-		2	O-RING 25,1X1,6 MM	
S2803	90064-0124	C		1	SWITCH, EM. STOP, ZB2-BS844+ZB2-BZ1045	
S2804	90064-0124	C		1	SWITCH, EM. STOP, ZB2-BS844+ZB2-BZ1045	

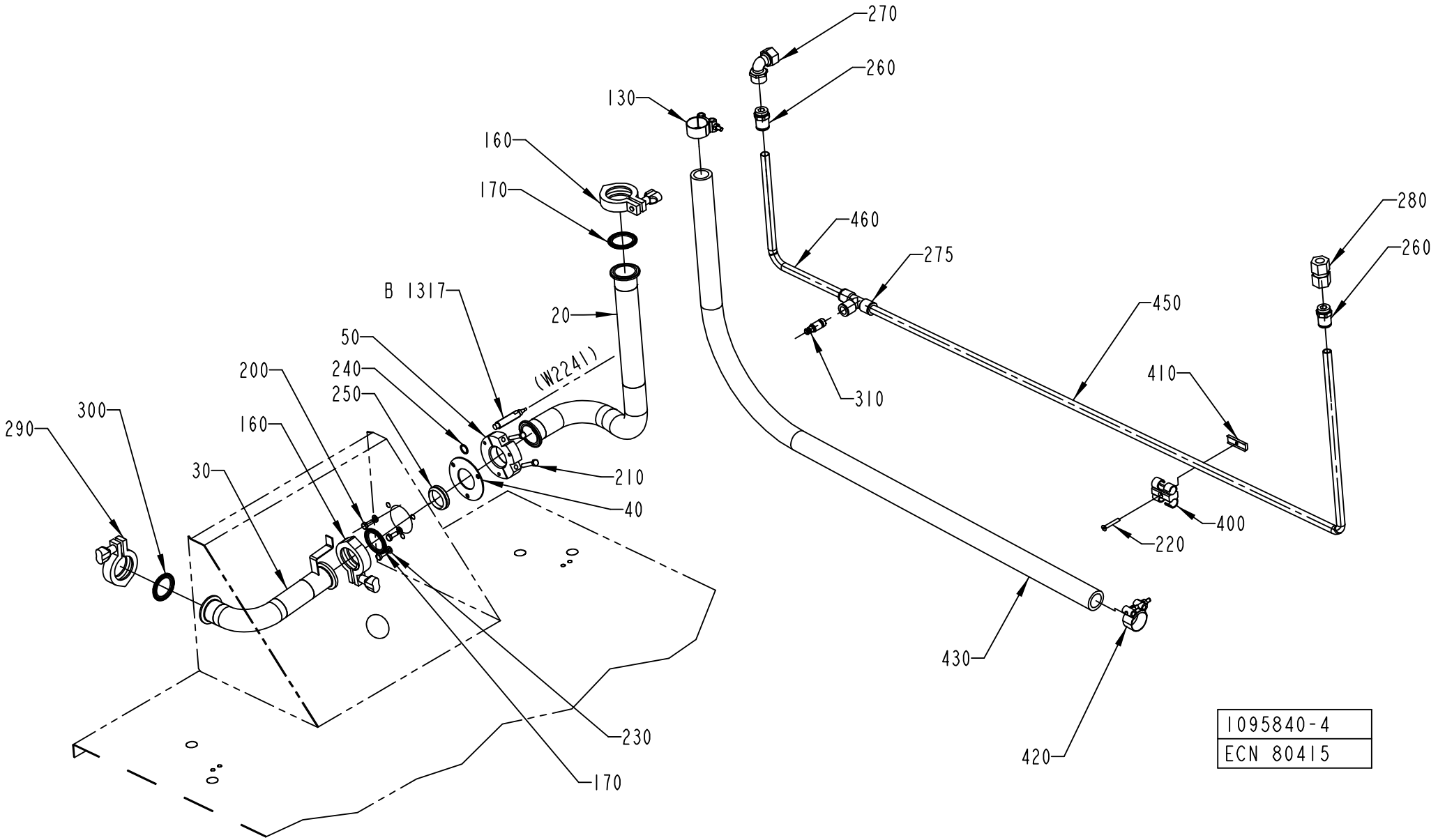
Pos	Part No	SP	UN	Qty	Description	Page No


010
020
030
040
060
070

ECM: 72625 - 19991105
Group number: 1095846-0400
Assembly Drawing: 1095846-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095840-0300	-		1	PIPE WORK	**375**
020	1095847-0100	-		1	TUBE FLUSHING	**377**
030	1095848-0300	-		1	COOLING HOSES	**379**
040	1095681-0100	-		1	SPRAY GUN	**381**

Pos	Part No	SP	UN	Qty	Description	Page No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260
130
160
170
460
275
280
260
B 1317
20
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(W2241)
450
200
240
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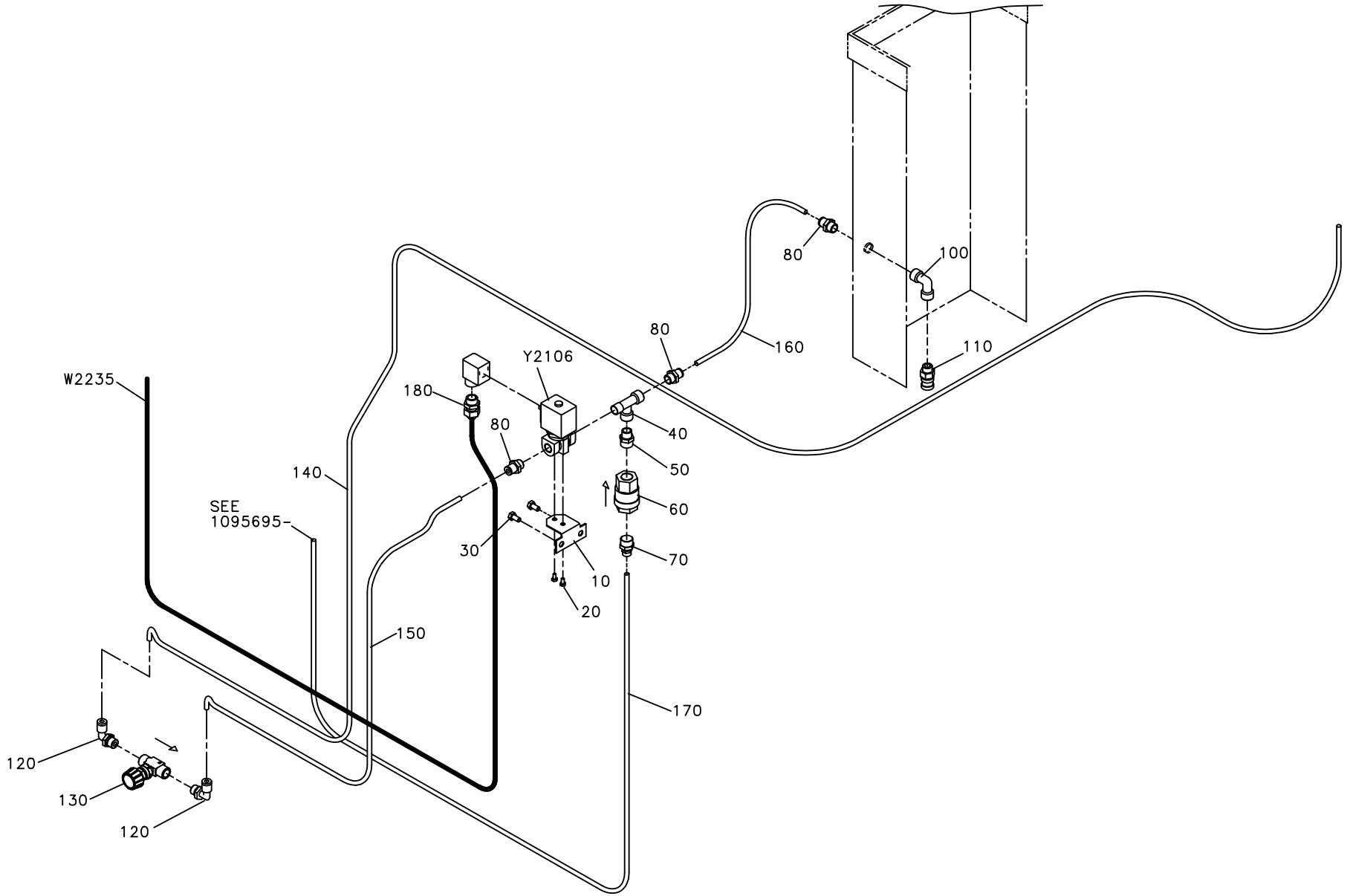
410
300
290
160
30
210
40
310
400
220
230
170
430
420
1095840-4
ECN 80415

ECM: 99889 - 20020812
Group number: 1095840-0300
Assembly Drawing: 1095840-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1478474-0000	-		1	PIPE	
030	1041987-0000	-		1	PIPE	
040	1478477-0000	-		1	GASKET	
050	1478475-0000	-		1	CLAMP	
200	312105-0368	-		3	SCREW M6S M6X16 A280	
210	312105-0376	-		2	SCREW M6S ISO 4014 M6X35 A480	
220	312155-0337	-		1	SCREW EN 10642 MF6S M5X35 A480	
230	315105-0153	-		3	WASHER BRB6,4X12RFR	
240	315233-0110	-		1	WASHER CAPTIVE SEALING G1/4	
250	315220-0180	-		1	V-RINGS 34X42X10,5 MM V-38S	
260	90055-0097	-		2	STRAIGHT COUPLING	
270	342733-0114	-		1	CONN. ELBOW WI-15-G1/2	
275	342748-0110	-		1	T-CONNECTION 14MM	
280	342725-0114	-		1	CONN. STR. PIPE GI-15-G1/2	
290	342840-0103	-		3	CLAMPING PIECE	
300	342850-0304	-		3	GASKET 35,4X49,1X5,2 1"1/2 FDA	
310	90055-0116	-		1	REDUCER 6-14	
400	90165-0148	-		1	T-CLIP T15 FOR TUBE D=15 -17 MM	
410	90165-0303	-		1	SPACER F. T-CLIP, 818 716 000 TYPE D15	
420	90165-0147	-		2	HOSE CLIP	
430	90166-0233	-	MM	1400	HOSE	
450	90166-0196	-	MM	1500	TUBE 14MM PA BLUE	
460	90166-0196	-	MM	500	TUBE 14MM PA BLUE	
B 1317	90458-0672	-		1	PROXIMITY SENSOR E2E2-X5MB1-5M	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

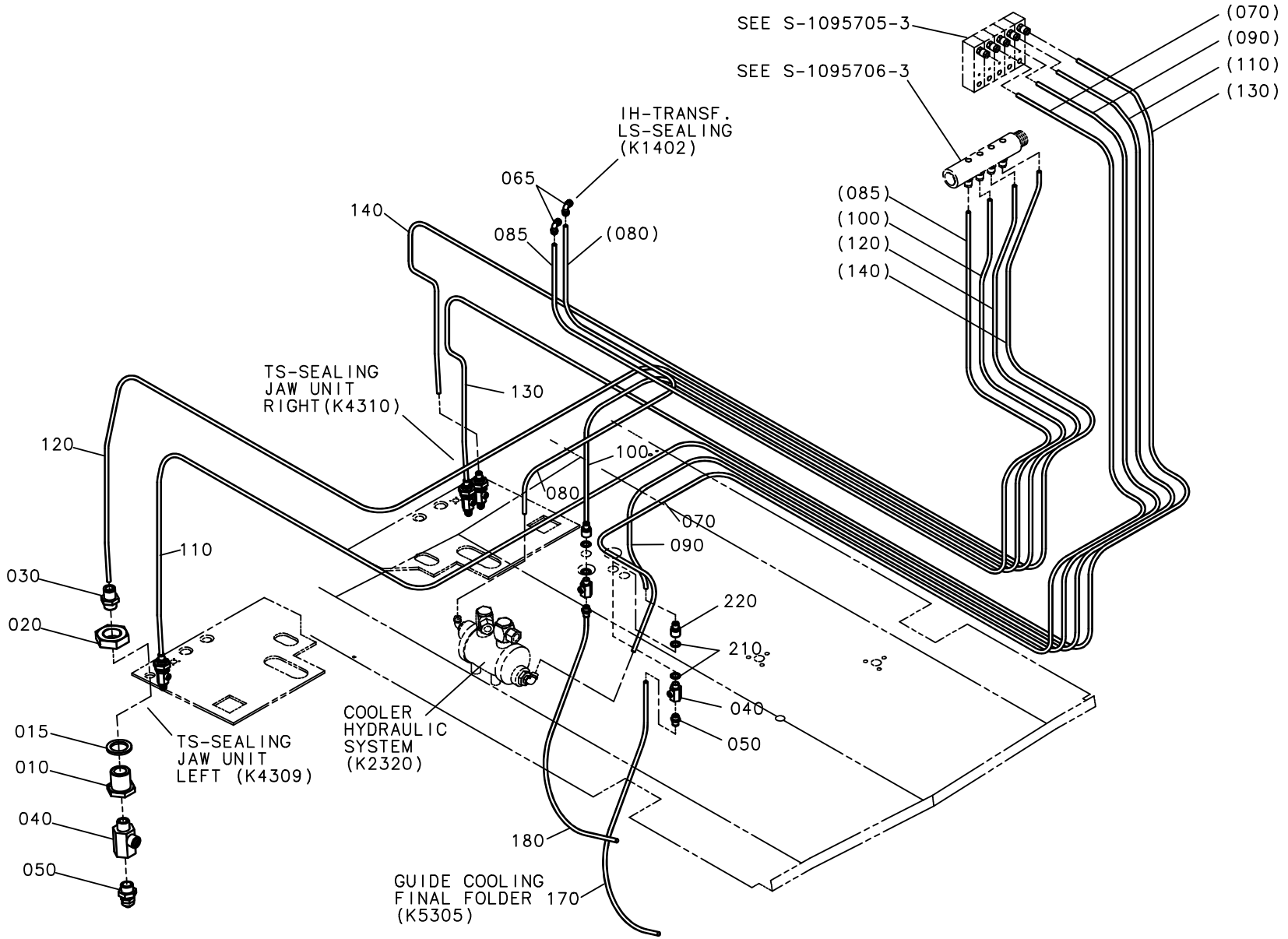

W2235
180
Y2106
80
140
SEE
1095695-
30
10
20
150
170
120
130
120
80
160
80
100
110
40
50
60
70

ECM: 71742 - 19980903
Group number: 1095847-0100
Assembly Drawing: 1095847-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1129408-0000	-		1	CANTILEVER	
020	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
030	312105-0366	-		2	SCREW M6S M6X12 A280	
040	342245-0102	-		1	T-PIPE, INT. THREAD, R1/4XKR1/4	
050	342700-0203	-		1	NIPPLES,HEXAGON,EXT.G-THREAD G3/8"-G1/4"	
060	90230-0028	-		1	NON-RETURN VALVE H 151 R 3/8"	
070	342921-0115	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G3/8"	
080	342722-0203	-		3	STRAIGHT COUPLING	
100	90140-0019	-		1	ELBOW, 90, INT. THREAD, NO. 2013-1/4	
110	90163-0069	-		1	QUICK COUPLING, (F) 5051-1/4	
120	342732-0103	-		2	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/4	
130	90187-0149	-		1	THROTTLE VALVE, G1/4, G1/4, MALE	
140	90166-0124	-	MM	3000	TUBE 6 MM PA,TRANSP.	
150	90166-0124	-	MM	1100	TUBE 6 MM PA,TRANSP.	
160	90166-0124	-	MM	450	TUBE 6 MM PA,TRANSP.	
170	90166-0081	-	MM	2000	TUBE 6 MM PA BLUE	
180	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
W 2235	351150-0403	-	MM	3000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
Y 2106	90042-0248	-		1	SOLENOID VALVE OFFICIENE DI ENSINO	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

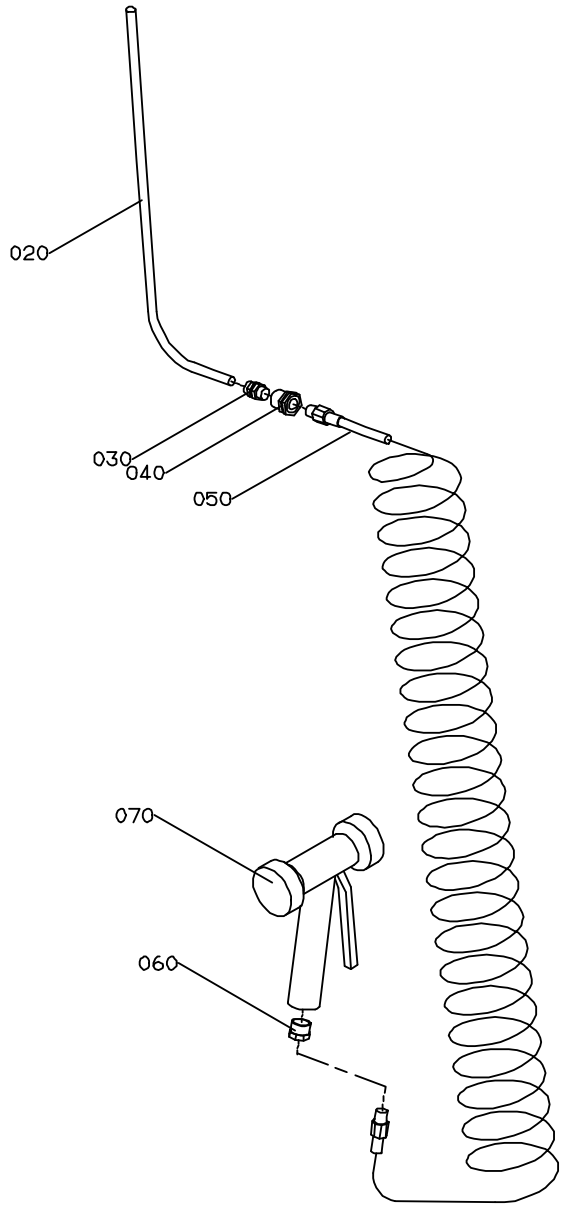

SEE S-1095705-3
SEE S-1095706-3
(070)
(090)
(110)
(130)
IH-TRANSF.
LS-SEALING
(K1402)
065
140
085
(080)
(085)
(100)
(120)
(140)
TS-SEALING
JAW UNIT
RIGHT(K4310)
130
120
100
080
070
090
110
030
020
220
210
040
050
015
010
040
050
TS-SEALING
JAW UNIT
LEFT (K4309)
COOLER
HYDRAULIC
SYSTEM
(K2320)
180
GUIDE COOLING
FINAL FOLDER 170
(K5305)

ECM: 72616 - 19990604
Group number: 1095848-0300
Assembly Drawing: 1095848-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	276398-0000	-		4	HEXAGON NIPPLE	
015	315233-0113	-		4	WASHER CAPTIVE SEALING G1/2	
020	90330-0093	-		4	NUT, HEXAGON, G1/2	
030	342722-0205	-		6	STRAIGHT COUPLING D=8-G1/4"	
040	90187-0158	-		6	THROTTLE BALL VALVE G1/4, R1/4	
050	342921-0122	-		6	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/4"	
060	90015-0023	-		2	LEAD-IN, TET7-10, E-1458019	
065	342936-0122	-		2	ELBOW 90 COUPL.,UNION 8/6	
070	90166-0139	-	MM	4000	TUBE PA BLACK	
080	90166-0139	-	MM	1250	TUBE PA BLACK	
085	90166-0139	-	MM	3000	TUBE PA BLACK	
090	90166-0139	-	MM	3700	TUBE PA BLACK	
100	90166-0139	-	MM	3200	TUBE PA BLACK	
110	90166-0139	-	MM	5000	TUBE PA BLACK	
120	90166-0139	-	MM	4500	TUBE PA BLACK	
130	90166-0139	-	MM	4500	TUBE PA BLACK	
140	90166-0139	-	MM	4000	TUBE PA BLACK	
170	90166-0139	-	MM	1000	TUBE PA BLACK	
180	90166-0139	-	MM	1000	TUBE PA BLACK	
210	315233-0110	-		4	WASHER CAPTIVE SEALING G1/4	
220	342770-0108	-		2	STRAIGHT COUPLING INT, D=8 MM - G1/4	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

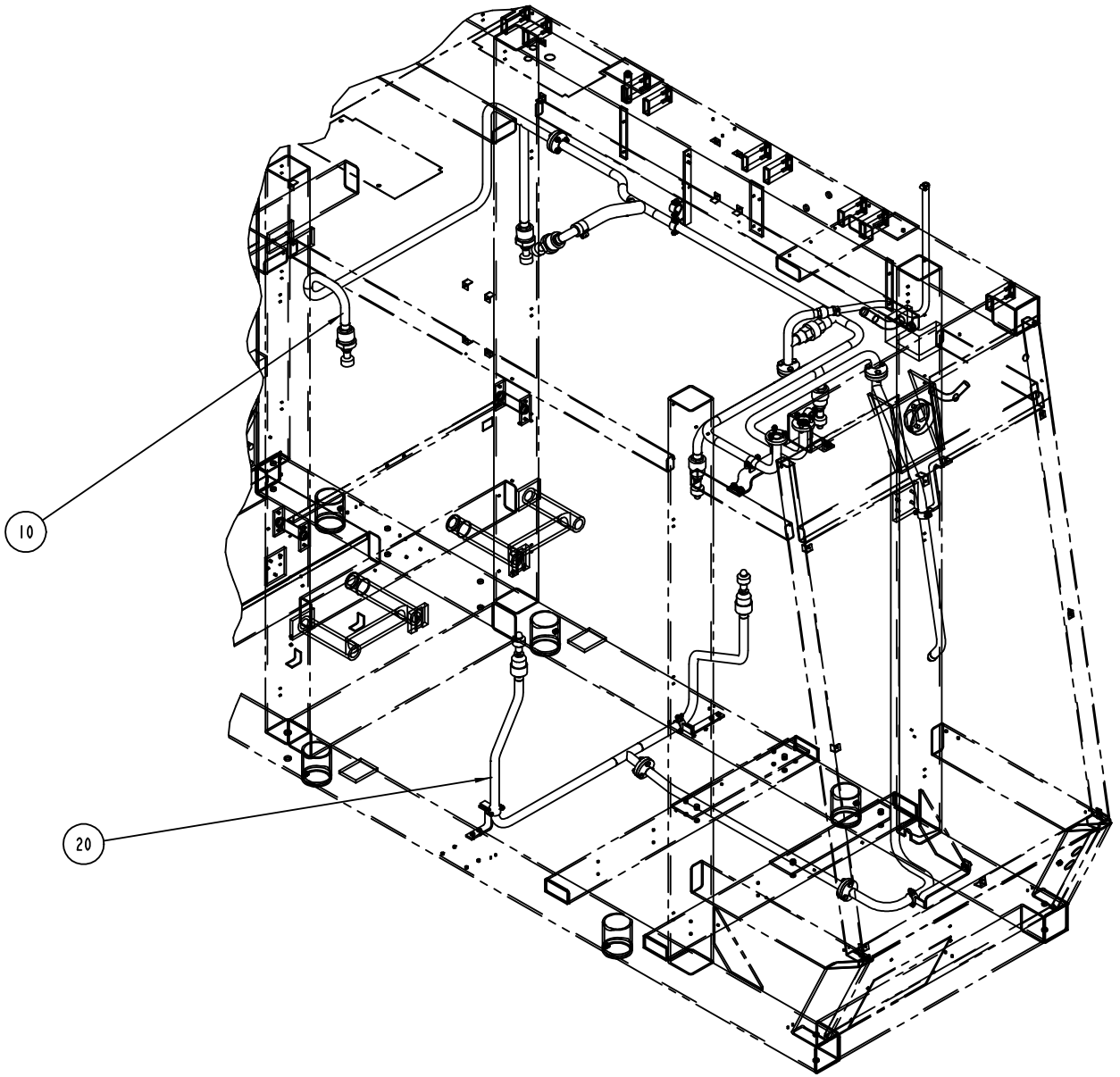


S-1095681-1
ECN 21960

ECM: - -
Group number: 1095681-0100
Assembly Drawing: 1095681-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	90166-0135	-	MM	1000	TUBE 10 MM PA BLACK	
030	342920-0132	-		1	STRAIGHT COUPL.,EXT.THREADED 10/8-R1/4"	
040	342767-0104	-		1	CONN. BULKHEAD G1/4	
050	90152-0017	-		1	HOSE (SPIRAL)	
060	342701-0205	-		1	BUSHING,INT./EXT.G-THREAD G1/2"-G1/4"	
070	90426-0003	-		1	HAND SHOWER	

Pos	Part No	SP	UN	Qty	Description	Page No

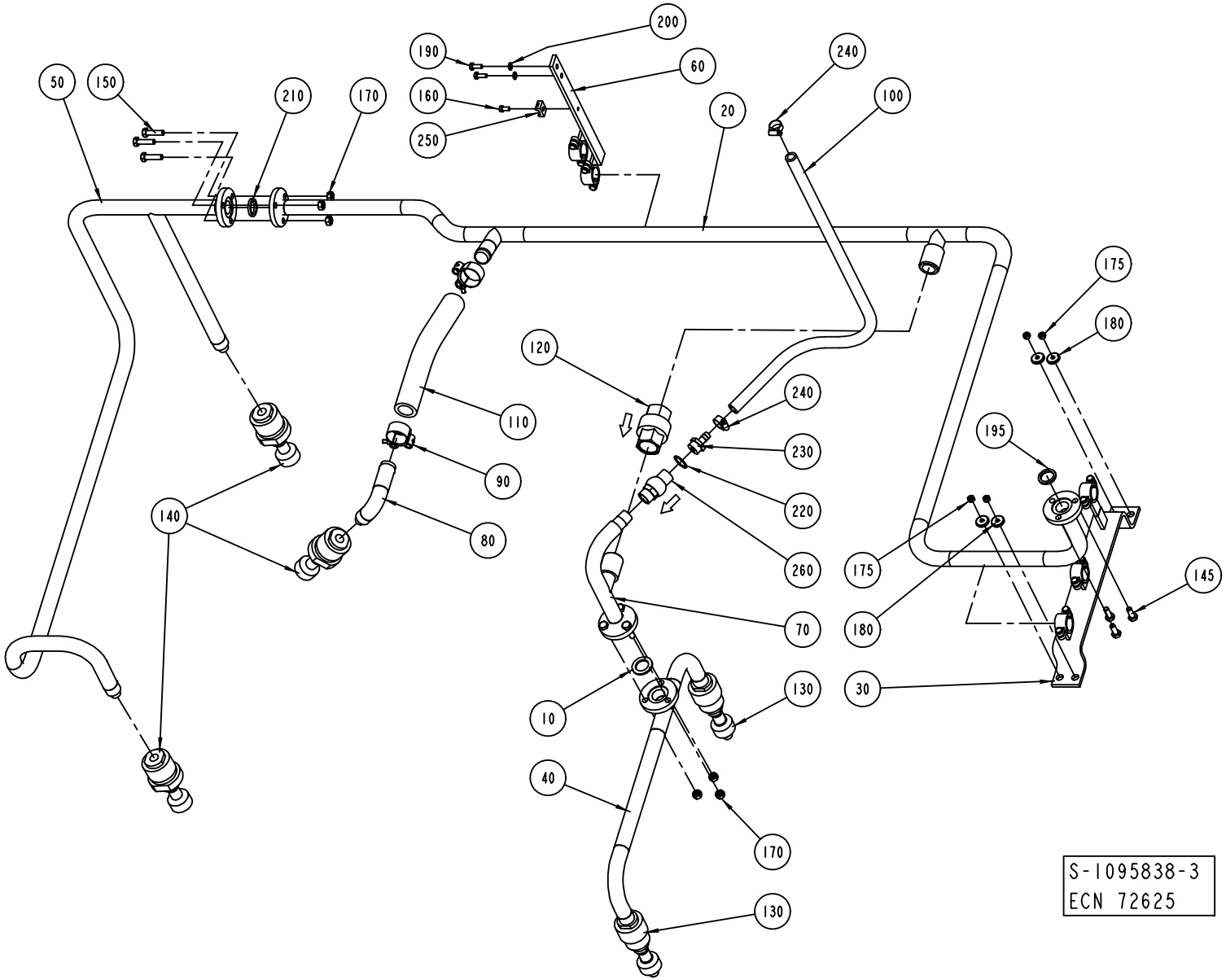


S-1095837-5
ECN 72252

ECM: 72252 - 19990429
Group number: 1095837-0300
Assembly Drawing: 1095837-5_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095838-0300	-		1	CLEANING PIPEWORK	**385**
020	1095839-0300	-		1	CLEANING SYSTEM	**387**

Pos	Part No	SP	UN	Qty	Description	Page No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145
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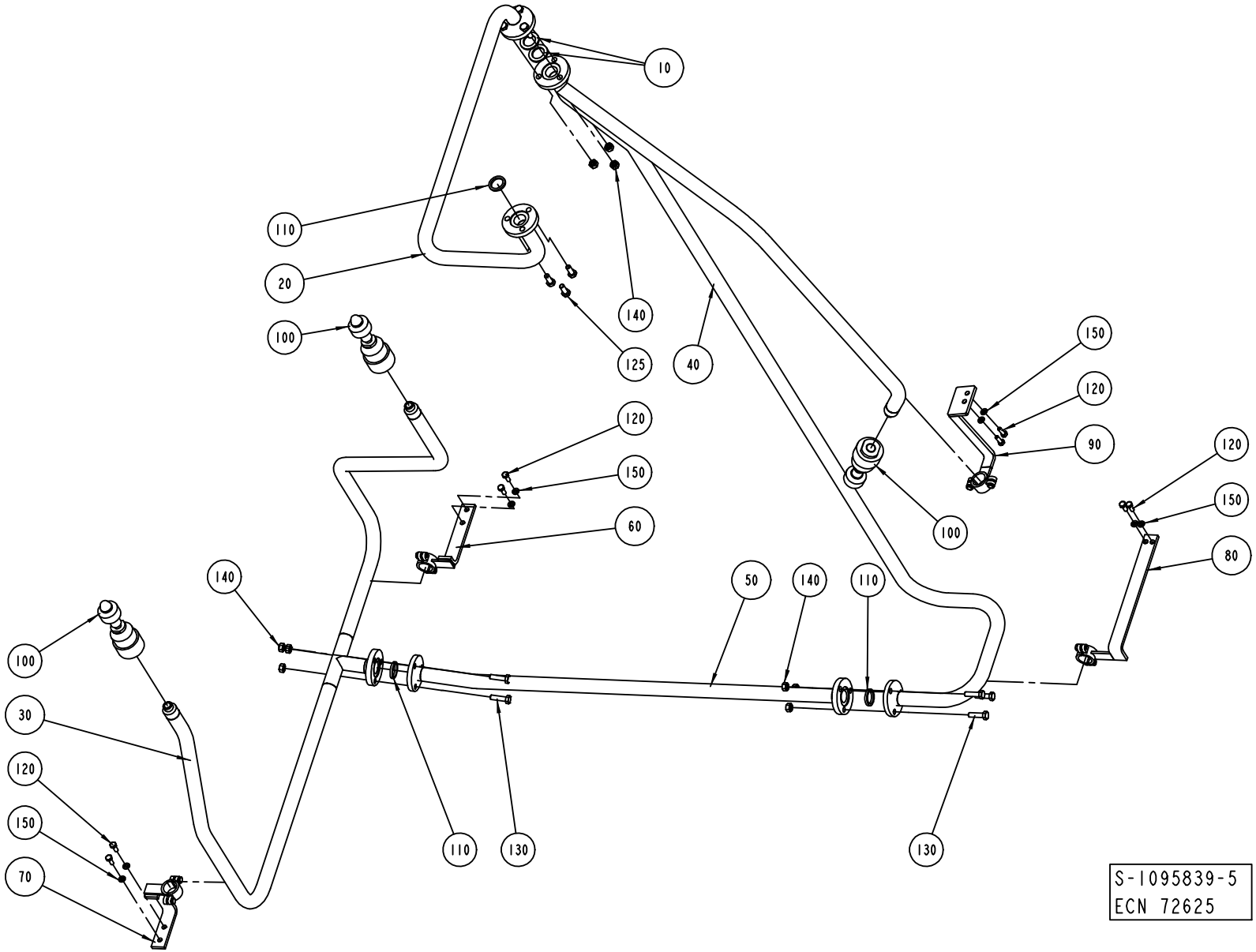
180
130
30
10
40
170
130
S-1095838-3
ECN 72625

ECM: 72625 - 19991105
Group number: 1095838-0300
Assembly Drawing: 1095838-3_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037443-0000	-		2	GASKET	
020	1487240-0000	-		1	PIPE	
030	1129378-0000	-		1	BRACKET	
	90165-0089	*-*		*3*	*PIPE CLAMP*	
040	1348186-0000	-		1	CLEANING PIPE	
050	1254141-0000	-		1	PIPE	
	1129438-0000	*-*		*2*	*ADAPTOR*	
	343421-0103	*-*		*1*	*FLANGE FOR AIR & PER. PIPE F D=25,4 MM*	
	90217-0129	*-*		*1*	*WELD. T - PIPE D=25,4 MM PMCS 3-A*	
	90217-0097	*-*		*5*	*PIPE ELBOW 90 DEGR. D=12,7 MM PMCS 3-A*	
060	1255492-0000	-		1	BRACKET	
070	1255493-0000	-		1	PIPE	
	343421-0103	*-*		*1*	*FLANGE FOR AIR & PER. PIPE F D=25,4 MM*	
	90330-0059	*-*		*1*	*NIPPLES, EXT. THREAD WELD. R-208/KR1/2*	
	90217-0129	*-*		*1*	*WELD. T - PIPE D=25,4 MM PMCS 3-A*	
	90217-0097	*-*		*1*	*PIPE ELBOW 90 DEGR. D=12,7 MM PMCS 3-A*	
080	1129383-0000	-		1	PIPE	
	1129438-0000	*-*		*1*	*ADAPTOR*	
	1129269-0000	*-*		*1*	*HOSE CONNECTION*	
090	90165-0147	-		2	HOSE CLIP	
100	90166-0121	-	MM	1000	HOSE	
110	90166-0233	-	MM	300	HOSE	
120	90230-0044	C		1	NON-RETURN VALVE 1"	
	90230-0308	*C*		*1*	*GASKET KIT*	
130	90424-0066	C		2	ROT.SPRAY NOZZLE, D26984-B3/8"-PVDF/4.5	
140	90424-0071	C		3	ROT.SPRAY NOZZLE, D40140-R3/8-PVDF 4.5	
145	312105-0451	-		3	SCREW M6S ISO 4017 M8X20 A480	
150	312105-0455	-		3	SCREW M6S ISO 4017 M8X30 A480	
160	312125-0366	-		1	SCREW PAN HEAD MCS M6X12 SS	
170	312605-0318	-		6	HEXAGON NUT, M6M M8 A280	
175	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
180	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
190	312105-0368	-		2	SCREW M6S M6X16 A280	
195	315229-0103	-		1	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
200	315105-0153	-		2	WASHER BRB6,4X12RFR	
210	315229-0103	-		2	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
220	315233-0113	-		1	WASHER CAPTIVE SEALING G1/2	
230	342901-0105	-		1	HOSE NIPPLE, EXT.THR. R1/2-12 MM	
240	342991-0102	-		2	HOSE CLIP,WORM DRIVE TYPE (16)-19	
250	352113-0204	-		1	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
260	90230-0042	C		1	NON-RETURN VALVE 1/2"	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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110
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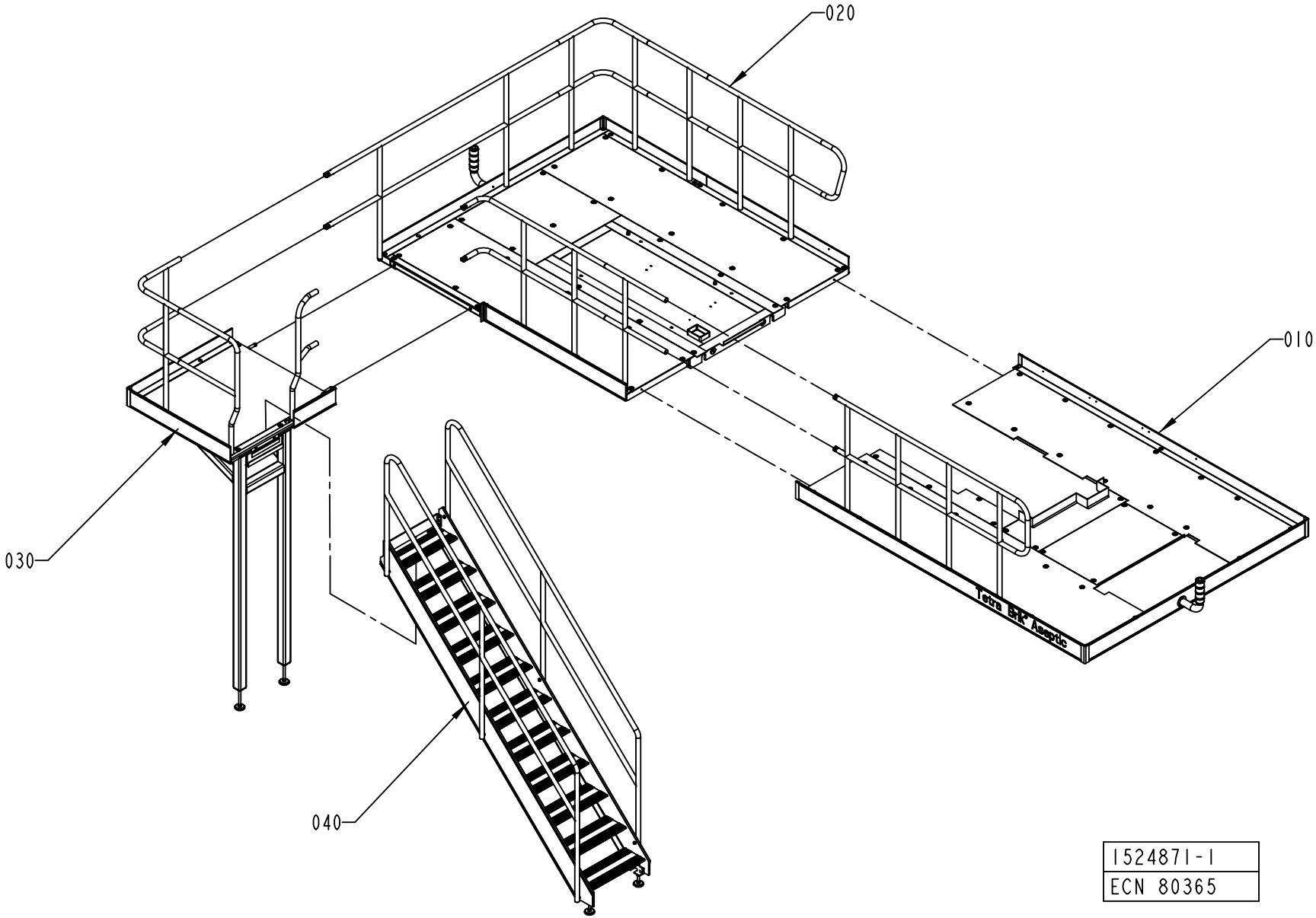
130
S-1095839-5
ECN 72625

ECM: 72625 - 19991105
Group number: 1095839-0300
Assembly Drawing: 1095839-5_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037443-0000	-		2	GASKET	
020	1487239-0000	-		1	PIPE	
030	1478837-0000	-		1	CLEANING PIPE	
040	1484877-0000	-		1	CLEANING PIPE	
050	1279099-0000	-		1	CLEANING PIPE	
	343421-0103	-		*1*	*FLANGE FOR AIR & PER. PIPE F D=25,4 MM*	
	343421-0203	-		*1*	*FLANGE FOR AIR & PER. PIPE M D=25,4 MM*	
060	1129459-0000	-		1	BRACKET	
	90165-0089	-		*1*	*PIPE CLAMP*	
070	1279400-0000	-		1	BRACKET	
	90165-0089	-		*1*	*PIPE CLAMP*	
080	1487246-0000	-		1	BRACKET	
090	1487501-0000	-		1	BRACKET	
100	90424-0066	C		3	ROT.SPRAY NOZZLE, D26984-B3/8"-PVDF/4.5	
110	315229-0103	-		3	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
120	312105-0368	-		4	SCREW M6S M6X16 A280	
125	312105-0451	-		3	SCREW M6S ISO 4017 M8X20 A480	
130	312105-0455	-		6	SCREW M6S ISO 4017 M8X30 A480	
140	312605-0318	-		9	HEXAGON NUT, M6M M8 A280	
150	315105-0153	-		8	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No



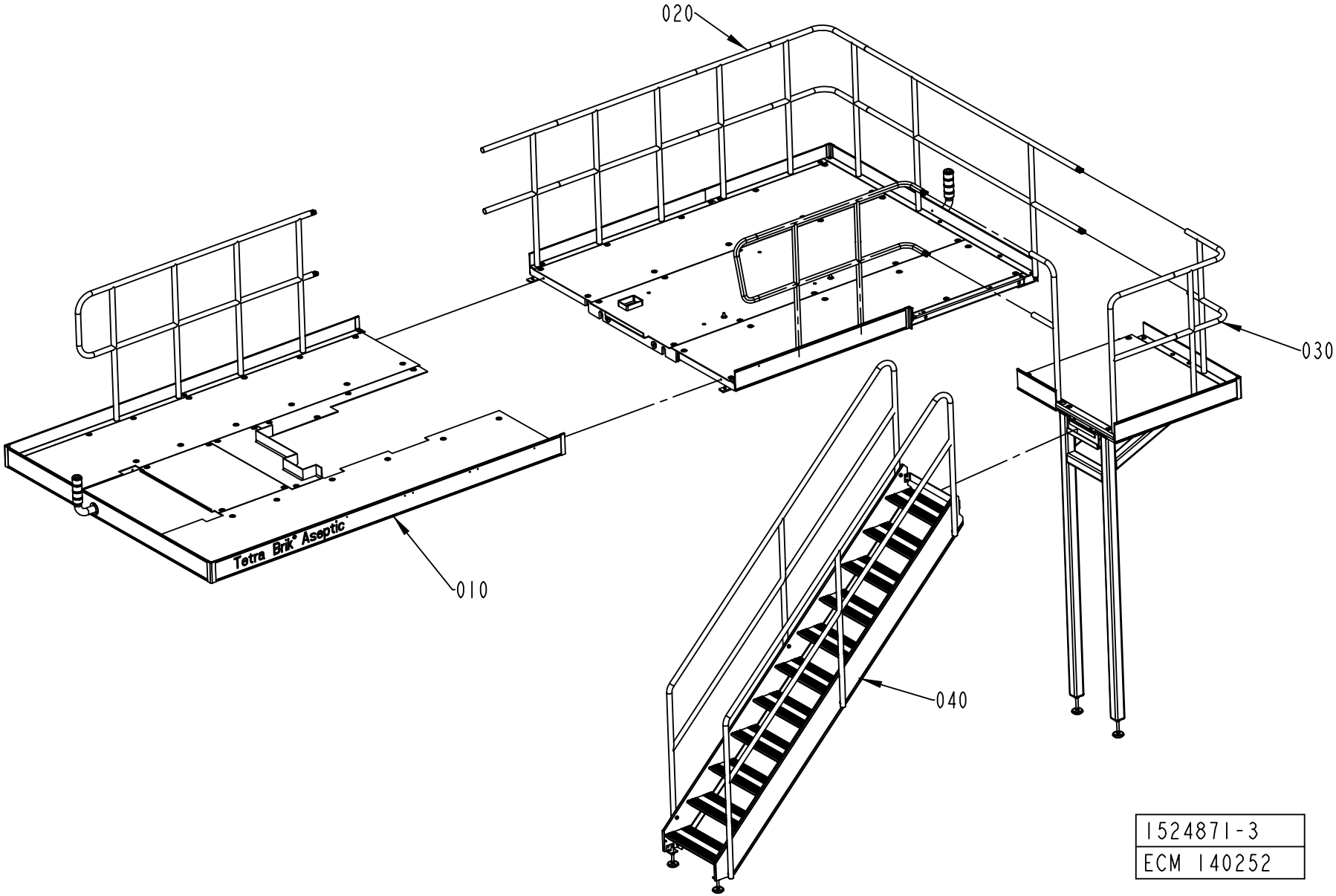
1524871-1
ECN 80365

ECM: 140256 - 20031002
Group number: 1524871-0100
Assembly Drawing: 1524871-1_1_AA

This list covers pages from 388 to 391

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1524866-0100	-		1	FRONT PLATFORM	**393**
020	1524845-0100	-		1	BACK PLATFORM	**397, 399**
030	1538870-0100	-		1	PLATFORM	**401, 403**
040	1523777-0100	-		1	STAIR CASE	**405**

Pos	Part No	SP	UN	Qty	Description	Page No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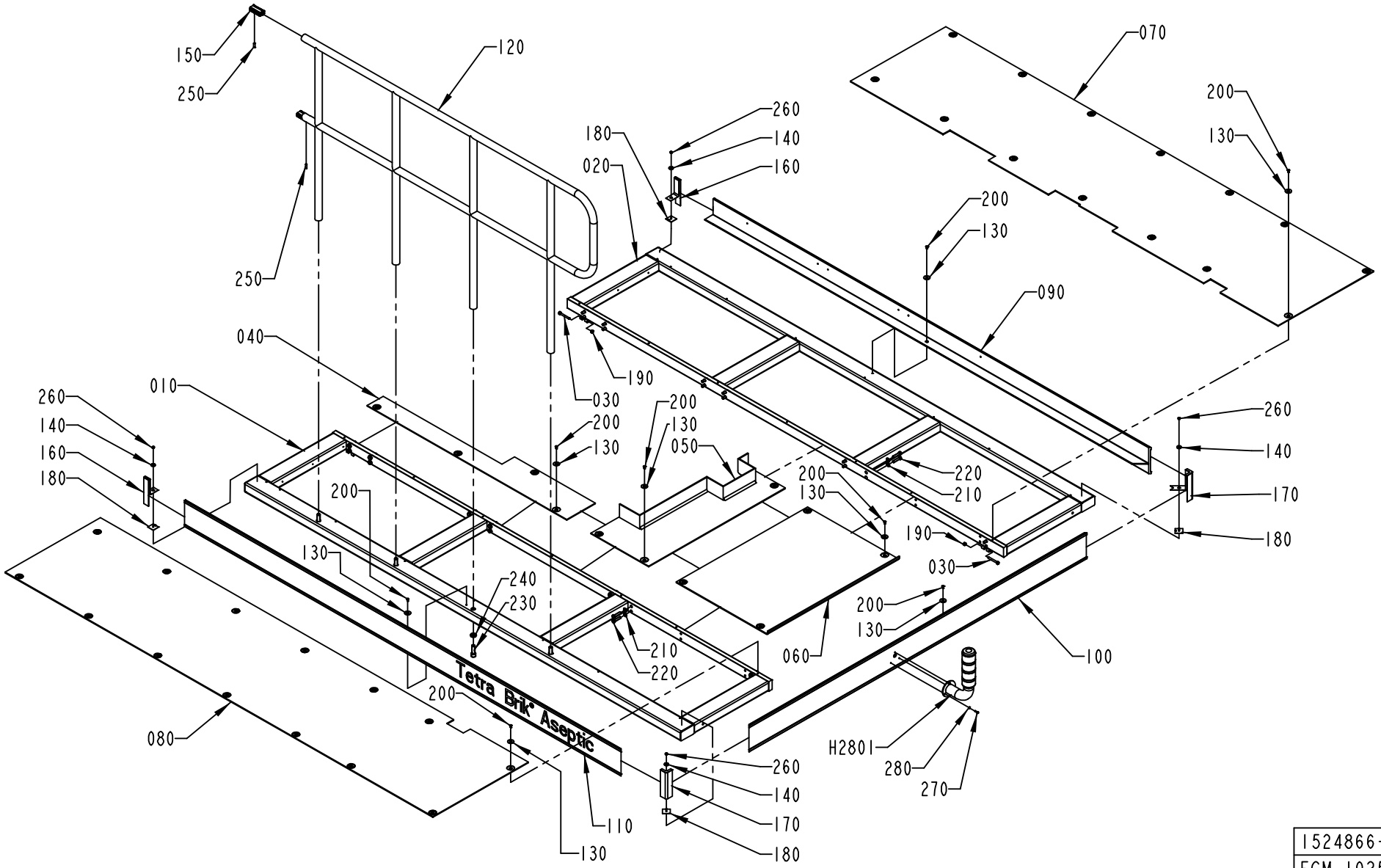
Tetra Brik Aseptic
1524871-3
ECM 140252

ECM: 140256 - 20031002
Group number: 1524871-0100
Assembly Drawing: 1524871-3_1_AA

This list covers pages from 388 to 391

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1524866-0100	-		1	FRONT PLATFORM	**393**
020	1524845-0100	-		1	BACK PLATFORM	**397, 399**
030	1538870-0100	-		1	PLATFORM	**401, 403**
040	1523777-0100	-		1	STAIR CASE	**405**



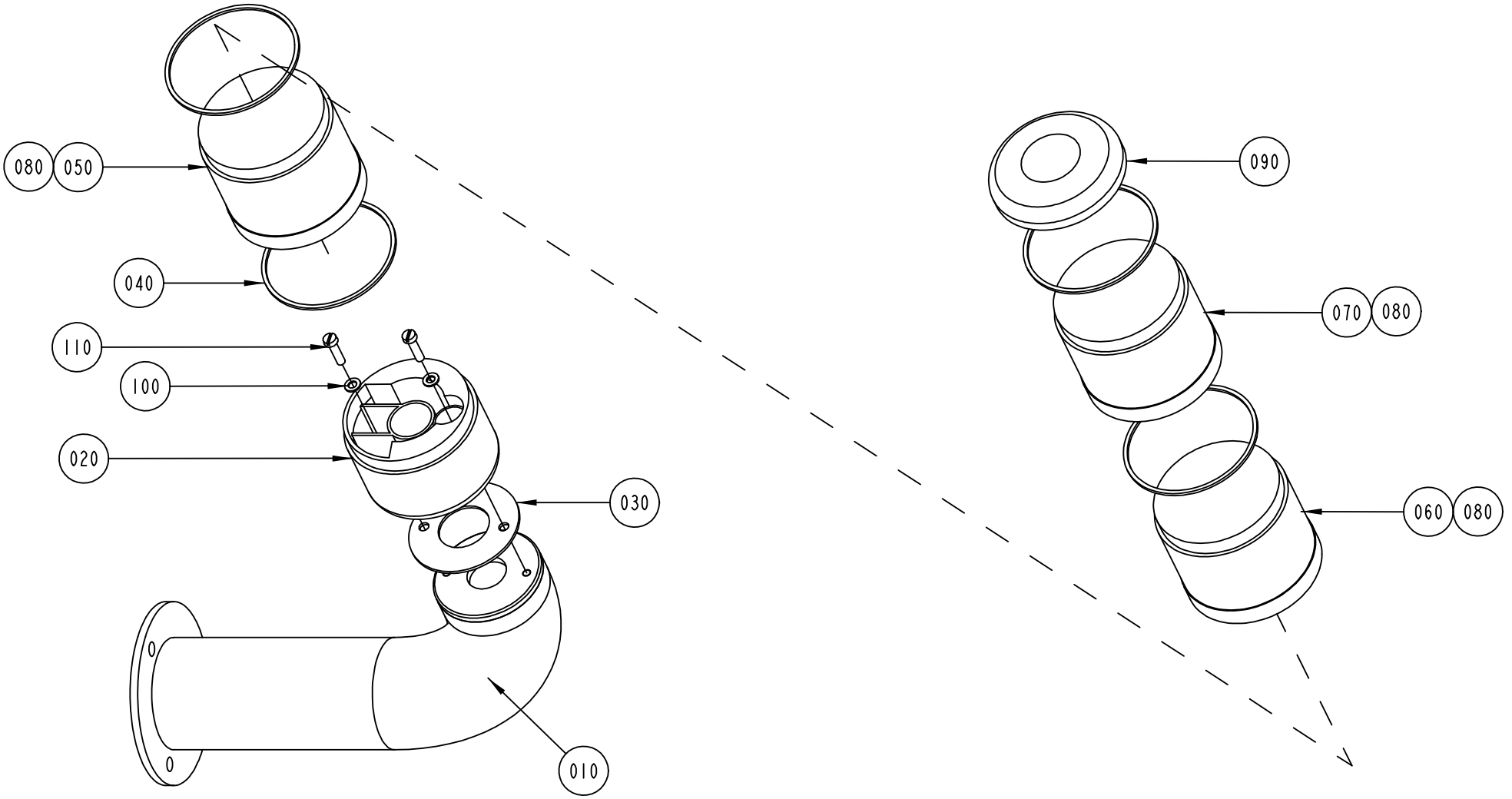
1524866-1
ECM 102537

ECM: 102539 - 20011213
Group number: 1524866-0100
Assembly Drawing: 1524866-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1524867-0000	-		1	PLATFORM	
020	1524868-0000	-		1	PLATFORM	
030	1523780-0000	-		4	SHAFT	
040	1254118-0000	-		1	CHECKER PLATE	
050	1041949-0000	-		1	CHECKER PLATE	
060	1254030-0000	-		1	CHECKER PLATE	
070	1523781-0000	-		1	CHECKER PLATE	
080	1523782-0000	-		1	CHECKER PLATE	
090	1523783-0000	-		1	TOE PLATE	
100	1523784-0000	-		1	TOE PLATE	
110	1524869-0000	-		1	TOE PLATE	
120	1524870-0000	-		1	RAILING	
130	1036241-0000	-		42	WASHER	
140	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
150	985328-0000	-		2	CONNECTION	
	985327-0000	-		*1*	*PROFILE*	
160	1254025-0000	-		2	STRIP	
170	1254027-0000	-		2	CORNER STRIP	
180	1254028-0000	-		4	FASTENING PLATE	
190	312812-0318	-		4	HEXAGON NUT, NY-LOCK M8 A480	
200	312155-0366	-		42	SCREW EN 10642 MF6S M6X12 A480	
210	315105-0173	-		28	WASHER BRB10,5X22RFR	
220	90458-2845	-		28	SCREW,HEXAGON HEAD M6S ISO 4017 M10X45	
230	312115-0630	-		4	SCREW ISO4762 M16X50 A4	
240	315111-0186	-		4	WASHER PLAIN, TBRB 17/30 H=6	
250	312318-0453	-		4	SCREW ISO4029 M8X25 A4	
260	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
270	312115-0329	-		3	SCREW ISO4762 M5X16 A4	
280	315105-0146	-		3	BRICKA BRB5,3X10RFR	
H2801	1317983-0100	-		1	ALARM BEACON	**395, 983**

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

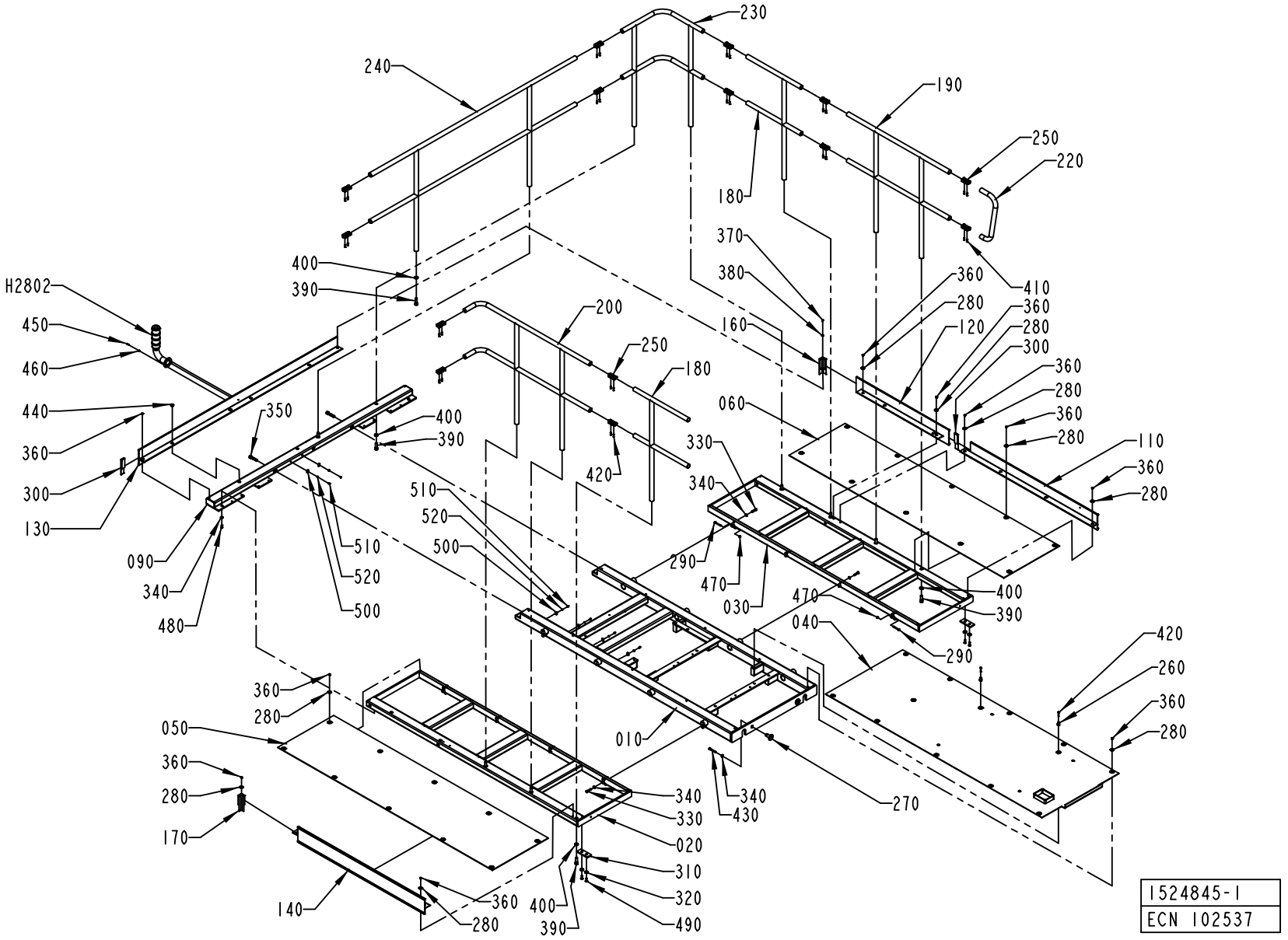


S-1317983-1
ECN 71634

ECM: 90290 - 20010302
Group number: 1317983-0100
Assembly Drawing: 1317983-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1317793-0000	B		1	BASE	
020	1317794-0000	-		1	BASE	
030	90419-0310	A		1	GASKET	
040	90419-0307	A		4	GASKET	
050	90419-0013	B		1	LIGHT ELEMENT, BLUE	
060	90419-0014	B		1	LIGHT ELEMENT, YELLOW	
070	90419-0012	B		1	LIGHT ELEMENT, RED	
080	90036-0068	A		3	BULB 6.5W 24V	
090	90419-0017	-		1	BASE	
100	315105-0136	-		2	WASHER BRB4,3XRFR	
110	312125-0293	-		2	SCREW PAN HEAD MCS M4X16 SS	

Pos	Part No	SP	UN	Qty	Description	Page No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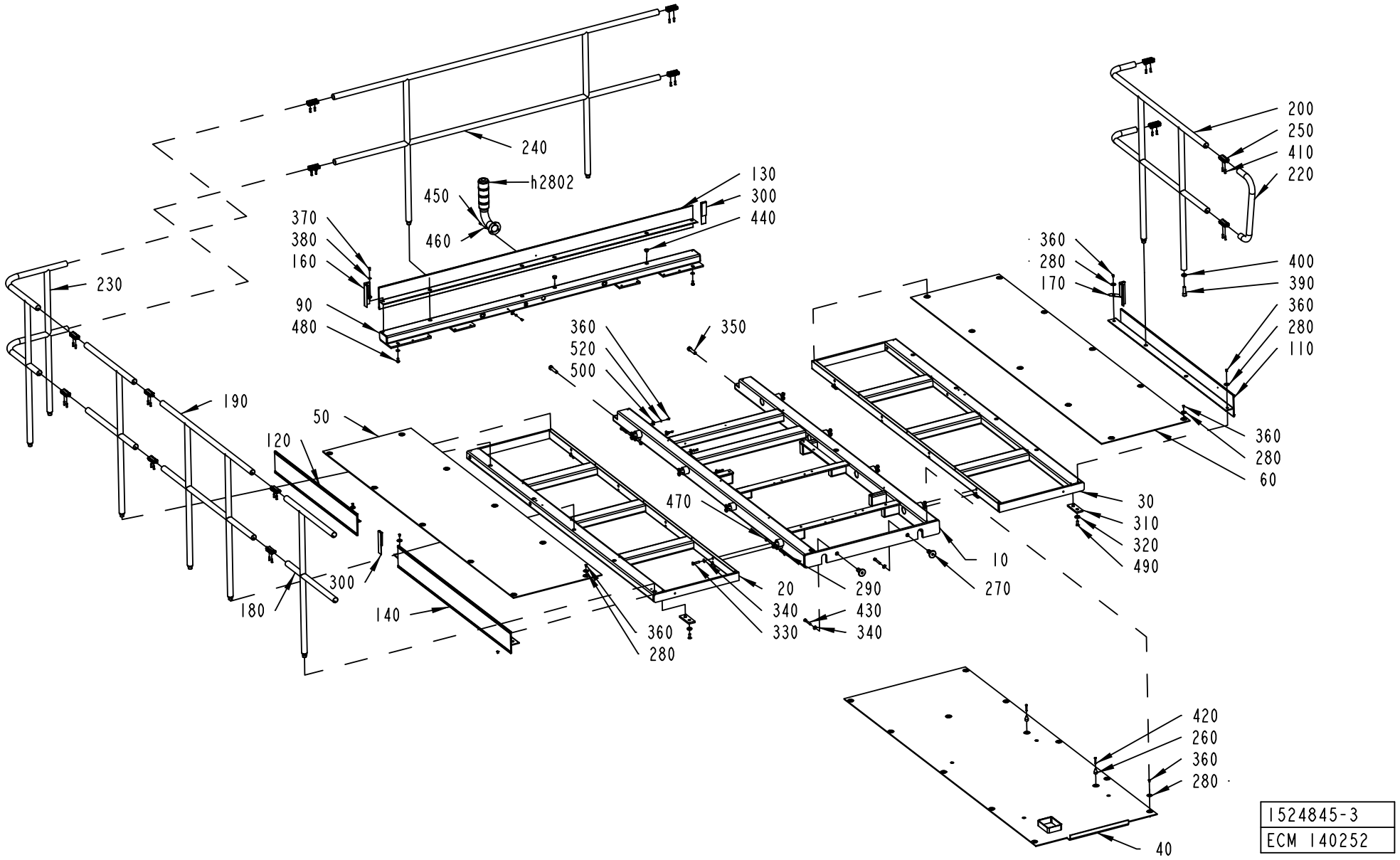
1524845-1
ECN 102537

ECM: 140254 - 20031002
Group number: 1524845-0100
Assembly Drawing: 1524845-1_1_AC

This list covers pages from 396 to 399

Pos	Part No	SP	UN	Qty	Description	Page No
LEFTSTAIR (See drawing on page: 396)						
120	1524856-0000	-		1	TOE PLATE	
200	1524861-0000	-		1	RAILING	
RIGHTSTAIR (See drawing on page: 398)						
120	1524858-0000	-		1	TOE PLATE	
200	1524862-0000	-		1	RAILING	
Common Parts						
010	1535043-0000	-		1	PLATFORM	
020	1524847-0000	-		1	PLATFORM	
030	1524848-0000	-		1	PLATFORM	
040	1535038-0000	-		1	CHECKER PLATE	
050	1524850-0000	-		1	CHECKER PLATE	
060	1524851-0000	-		1	CHECKER PLATE	
090	1524854-0000	-		1	BEAM	
110	1524855-0000	-		1	TOE PLATE	
130	1523793-0000	-		1	TOE PLATE	
140	1524857-0000	-		1	TOE PLATE	
160	1524167-0000	-		1	CORNER STRIP	
170	1524168-0000	-		1	CORNER STRIP	
180	1524859-0000	-		2	RAILING	
190	1524860-0000	-		1	RAILING	
220	1558795-0000	-		1	RAILING	
230	1010822-0000	-		1	RAILING	
	1140619-0000	-		*2*	*PLUG*	
240	1548211-0000	-		1	RAILING	
250	985328-0000	-		14	CONNECTION	
	985327-0000	-		*1*	*PROFILE*	
260	1037571-0000	-		2	GUIDE BUSHING	
270	1116048-0000	-		2	SPACER	
280	1036241-0000	-		38	WASHER	
290	1523780-0000	-		4	SHAFT	
300	1558947-0000	-		2	STRIP	
310	1535036-0000	-		2	PLATE	
320	1535042-0000	-		4	WASHER	
330	90458-2845	-		16	SCREW,HEXAGON HEAD M6S ISO 4017 M10X45	
340	315105-0173	-		20	WASHER BRB10,5X22RFR	
350	312115-0634	-		2	SCREW ISO4762 M16X70 A4	
360	312155-0366	-		38	SCREW EN 10642 MF6S M6X12 A480	
370	312105-0366	-		1	SCREW M6S M6X12 A280	
380	315105-0165	-		1	WASHER BRB8,4X16RFR	
390	312115-0630	-		10	SCREW ISO4762 M16X50 A4	
400	315111-0186	-		10	WASHER PLAIN, TBRB 17/30 H=6	
410	312318-0453	-		28	SCREW ISO4029 M8X25 A4	
420	312109-0378	-		2	SCREW M6S ISO4017 M6X40 A480	
430	312105-0505	-		2	SCREW M6S ISO 4014 M10X70 A480	
440	90261-0033	-		3	PLUG, BLIND, PLASTIC GPN300F182	
450	312115-0329	-		3	SCREW ISO4762 M5X16 A4	
460	315105-0146	-		3	BRICKA BRB5,3X10RFR	
470	312812-0318	-		4	HEXAGON NUT, NY-LOCK M8 A480	
480	312105-0491	-		2	SCREW M6S ISO 4017 M10X20 A480	
490	312155-0495	-		4	SCREW EN 10642 MF6S M10X30 A480	
500	352113-0204	-		6	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
510	312125-0366	-		6	SCREW PAN HEAD MCS M6X12 SS	
520	315105-0153	-		6	WASHER BRB6,4X12RFR	
H2802	1317983-0100	-		1	ALARM BEACON	**395, 983**

Machine Type | Group Description | Used-In | Group Number | Page No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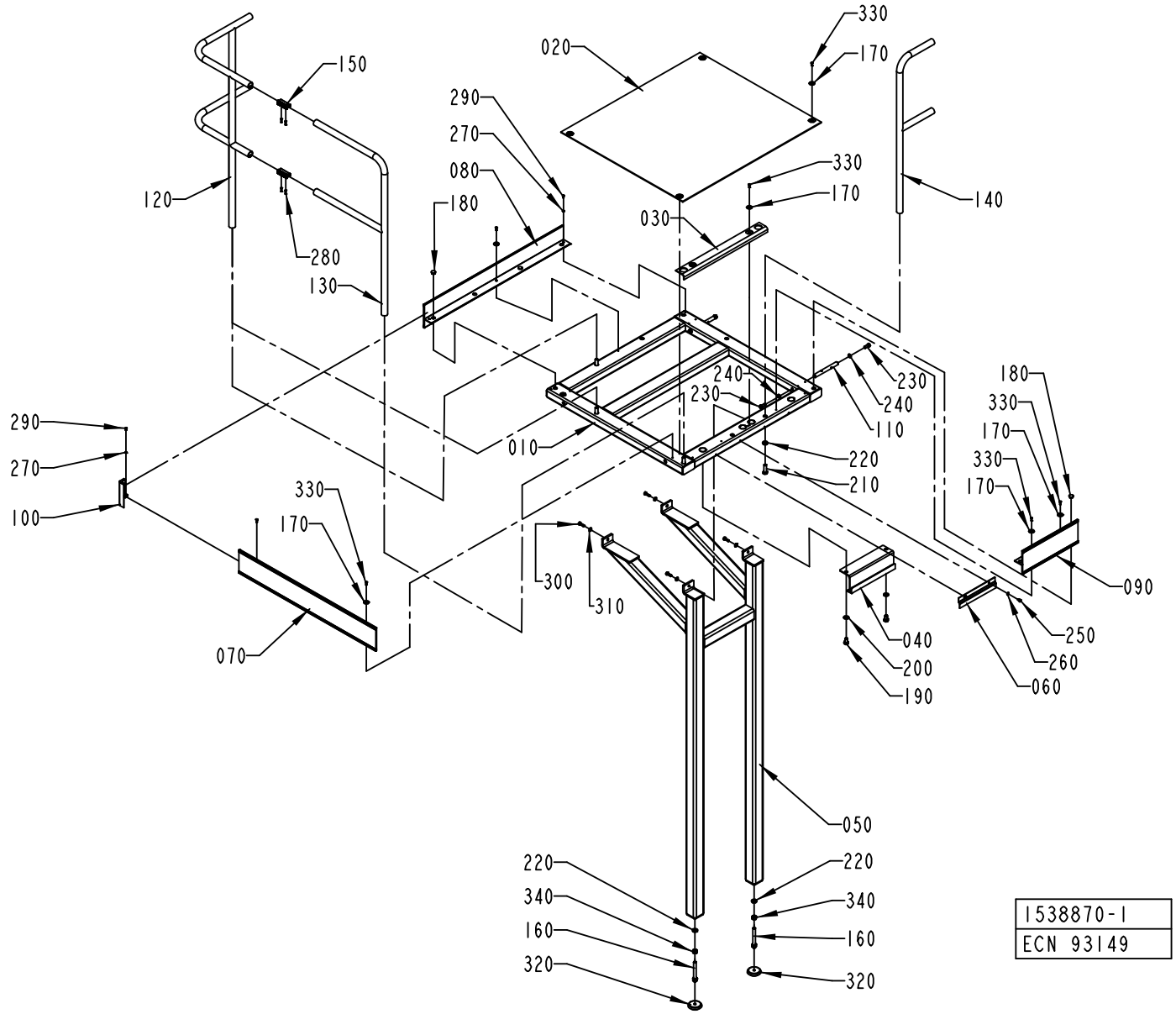
1524845-3
ECM 140252

ECM: 140254 - 20031002
Group number: 1524845-0100
Assembly Drawing: 1524845-3_1_AA

This list covers pages from 396 to 399

Pos	Part No	SP	UN	Qty	Description	Page No
LEFTSTAIR (See drawing on page: 396)						
120	1524856-0000	-		1	TOE PLATE	
200	1524861-0000	-		1	RAILING	
RIGHTSTAIR (See drawing on page: 398)						
120	1524858-0000	-		1	TOE PLATE	
200	1524862-0000	-		1	RAILING	
Common Parts						
010	1535043-0000	-		1	PLATFORM	
020	1524847-0000	-		1	PLATFORM	
030	1524848-0000	-		1	PLATFORM	
040	1535038-0000	-		1	CHECKER PLATE	
050	1524850-0000	-		1	CHECKER PLATE	
060	1524851-0000	-		1	CHECKER PLATE	
090	1524854-0000	-		1	BEAM	
110	1524855-0000	-		1	TOE PLATE	
130	1523793-0000	-		1	TOE PLATE	
140	1524857-0000	-		1	TOE PLATE	
160	1524167-0000	-		1	CORNER STRIP	
170	1524168-0000	-		1	CORNER STRIP	
180	1524859-0000	-		2	RAILING	
190	1524860-0000	-		1	RAILING	
220	1558795-0000	-		1	RAILING	
230	1010822-0000	-		1	RAILING	
	1140619-0000	-		*2*	*PLUG*	
240	1548211-0000	-		1	RAILING	
250	985328-0000	-		14	CONNECTION	
	985327-0000	-		*1*	*PROFILE*	
260	1037571-0000	-		2	GUIDE BUSHING	
270	1116048-0000	-		2	SPACER	
280	1036241-0000	-		38	WASHER	
290	1523780-0000	-		4	SHAFT	
300	1558947-0000	-		2	STRIP	
310	1535036-0000	-		2	PLATE	
320	1535042-0000	-		4	WASHER	
330	90458-2845	-		16	SCREW,HEXAGON HEAD M6S ISO 4017 M10X45	
340	315105-0173	-		20	WASHER BRB10,5X22RFR	
350	312115-0634	-		2	SCREW ISO4762 M16X70 A4	
360	312155-0366	-		38	SCREW EN 10642 MF6S M6X12 A480	
370	312105-0366	-		1	SCREW M6S M6X12 A280	
380	315105-0165	-		1	WASHER BRB8,4X16RFR	
390	312115-0630	-		10	SCREW ISO4762 M16X50 A4	
400	315111-0186	-		10	WASHER PLAIN, TBRB 17/30 H=6	
410	312318-0453	-		28	SCREW ISO4029 M8X25 A4	
420	312109-0378	-		2	SCREW M6S ISO4017 M6X40 A480	
430	312105-0505	-		2	SCREW M6S ISO 4014 M10X70 A480	
440	90261-0033	-		3	PLUG, BLIND, PLASTIC GPN300F182	
450	312115-0329	-		3	SCREW ISO4762 M5X16 A4	
460	315105-0146	-		3	BRICKA BRB5,3X10RFR	
470	312812-0318	-		4	HEXAGON NUT, NY-LOCK M8 A480	
480	312105-0491	-		2	SCREW M6S ISO 4017 M10X20 A480	
490	312155-0495	-		4	SCREW EN 10642 MF6S M10X30 A480	
500	352113-0204	-		6	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
510	312125-0366	-		6	SCREW PAN HEAD MCS M6X12 SS	
520	315105-0153	-		6	WASHER BRB6,4X12RFR	
H2802	1317983-0100	-		1	ALARM BEACON	**395, 983**

Machine Type	Group Description	Used-In	Group Number	Page No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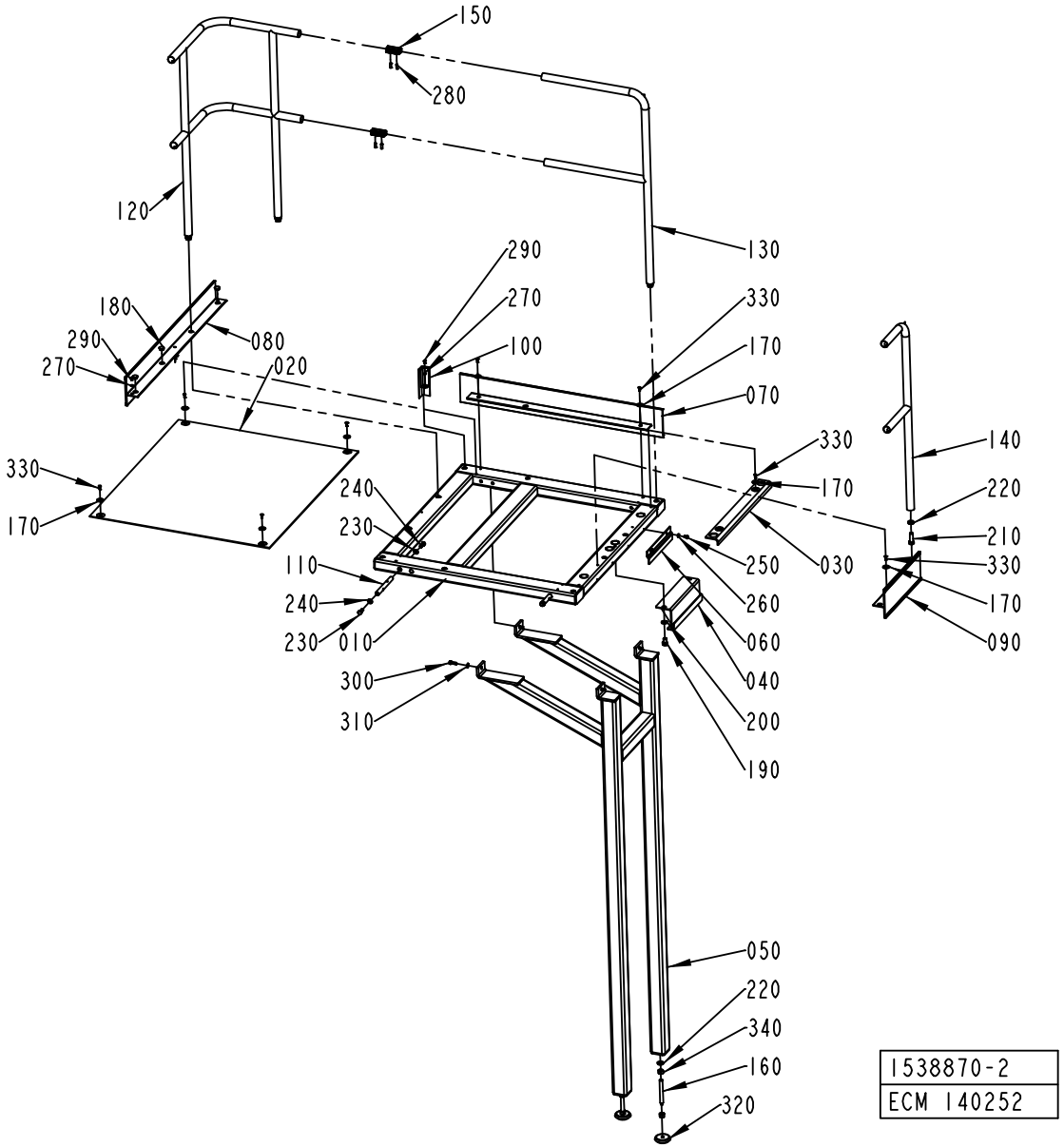
1538870-1
ECN 93149

ECM: 140255 - 20031002
Group number: 1538870-0100
Assembly Drawing: 1538870-1_1_AB

This list covers pages from 400 to 403

Pos	Part No	SP	UN	Qty	Description	Page No
LEFTSTAIR (See drawing on page: 400)						
070	1524177-0000	-		1	TOE PLATE	
RIGHTSTAIR (See drawing on page: 402)						
070	1524180-0000	-		1	TOE PLATE	
Common Parts						
010	1524171-0000	-		1	FRAME	
020	1524172-0000	-		1	CHECKER PLATE	
030	1524173-0000	-		1	CHECKER PLATE	
040	1524174-0000	-		1	HOOK	
050	1524175-0000	-		1	LEG	
060	1524176-0000	-		1	CLAMP	
080	1524178-0000	-		1	TOE PLATE	
090	1524179-0000	-		1	TOE PLATE	
100	1524167-0000	-		1	CORNER STRIP	
110	1524181-0000	-		2	PIN	
120	1010822-0000	-		1	RAILING	
	1140619-0000	-		*2*	*PLUG*	
130	1524182-0000	-		1	RAILING	
140	1524864-0000	-		1	RAILING	
150	985328-0000	-		2	CONNECTION	
	985327-0000	-		*1*	*PROFILE*	
160	1524185-0000	-		2	EXTENSION PIECE	
170	1036241-0000	-		11	WASHER	
180	90261-0033	-		3	PLUG, BLIND, PLASTIC GPN300F182	
190	312105-0622	-		2	SCREW M6S ISO 4017 M16X25 A480	
200	315105-0186	-		2	WASHER BRB17X30RFR	
210	312101-0630	-		4	SCREW M6S M16X50 FZB	
220	315111-0186	-		6	WASHER PLAIN, TBRB 17/30 H=6	
230	312105-0536	-		4	SCREW M6S ISO 4017 M12X30 A480	
240	315105-0178	-		4	WASHER BRB13X24RFR	
250	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A480	
260	315105-0165	-		2	WASHER BRB8,4X16RFR	
270	315105-0153	-		2	WASHER BRB6,4X12RFR	
280	312318-0453	-		4	SCREW ISO4029 M8X25 A4	
290	90458-0072	-		2	SCREW ISO 7380 S M6X12 A2	
300	312105-0495	-		4	SCREW M6S ISO 4017 M10X30 A480	
310	315105-0173	-		4	WASHER BRB10,5X22RFR	
320	90347-0009	-		2	FLOOR PLATE, NO 1256730	
330	312155-0370	-		11	SCREW EN 10642 MF6S M6X20 A480	
340	312605-0324	-		2	HEXAGON NUT, M6M M16 A280	

Machine Type	Group Description	Used-In	Group Number	Page No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1538870-2
ECM 140252

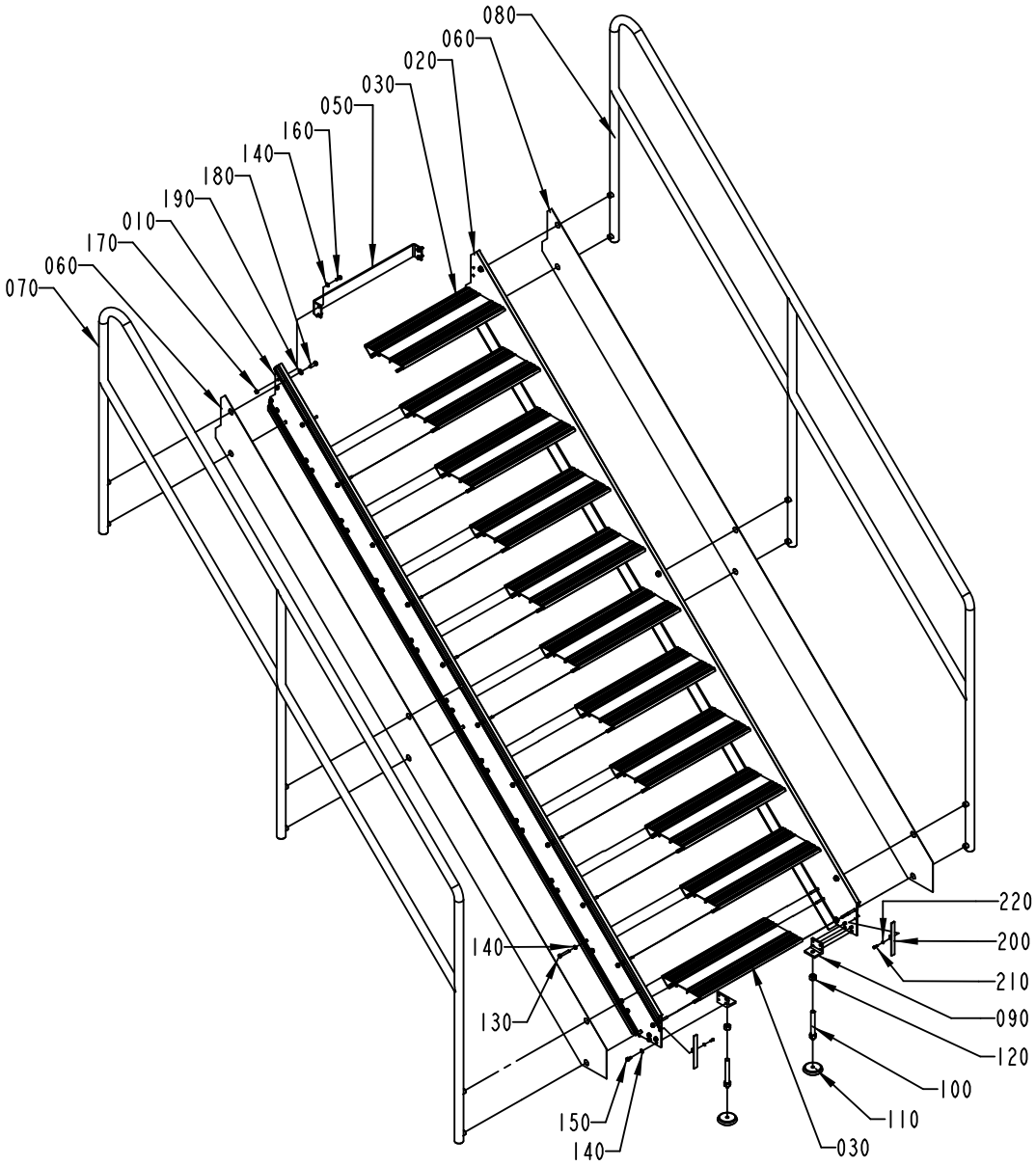
ECM: 140255 - 20031002
Group number: 1538870-0100
Assembly Drawing: 1538870-2_1_AA

This list covers pages from 400 to 403

Pos	Part No	SP	UN	Qty	Description	Page No
LEFTSTAIR (See drawing on page: 400)						
070	1524177-0000	-		1	TOE PLATE	
RIGHTSTAIR (See drawing on page: 402)						
070	1524180-0000	-		1	TOE PLATE	
Common Parts						
010	1524171-0000	-		1	FRAME	
020	1524172-0000	-		1	CHECKER PLATE	
030	1524173-0000	-		1	CHECKER PLATE	
040	1524174-0000	-		1	HOOK	
050	1524175-0000	-		1	LEG	
060	1524176-0000	-		1	CLAMP	
080	1524178-0000	-		1	TOE PLATE	
090	1524179-0000	-		1	TOE PLATE	
100	1524167-0000	-		1	CORNER STRIP	
110	1524181-0000	-		2	PIN	
120	1010822-0000	-		1	RAILING	
	1140619-0000	-		*2*	*PLUG*	
130	1524182-0000	-		1	RAILING	
140	1524864-0000	-		1	RAILING	
150	985328-0000	-		2	CONNECTION	
	985327-0000	-		*1*	*PROFILE*	
160	1524185-0000	-		2	EXTENSION PIECE	
170	1036241-0000	-		11	WASHER	
180	90261-0033	-		3	PLUG, BLIND, PLASTIC GPN300F182	
190	312105-0622	-		2	SCREW M6S ISO 4017 M16X25 A480	
200	315105-0186	-		2	WASHER BRB17X30RFR	
210	312101-0630	-		4	SCREW M6S M16X50 FZB	
220	315111-0186	-		6	WASHER PLAIN, TBRB 17/30 H=6	
230	312105-0536	-		4	SCREW M6S ISO 4017 M12X30 A480	
240	315105-0178	-		4	WASHER BRB13X24RFR	
250	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A480	
260	315105-0165	-		2	WASHER BRB8,4X16RFR	
270	315105-0153	-		2	WASHER BRB6,4X12RFR	
280	312318-0453	-		4	SCREW ISO4029 M8X25 A4	
290	90458-0072	-		2	SCREW ISO 7380 S M6X12 A2	
300	312105-0495	-		4	SCREW M6S ISO 4017 M10X30 A480	
310	315105-0173	-		4	WASHER BRB10,5X22RFR	
320	90347-0009	-		2	FLOOR PLATE, NO 1256730	
330	312155-0370	-		11	SCREW EN 10642 MF6S M6X20 A480	
340	312605-0324	-		2	HEXAGON NUT, M6M M16 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

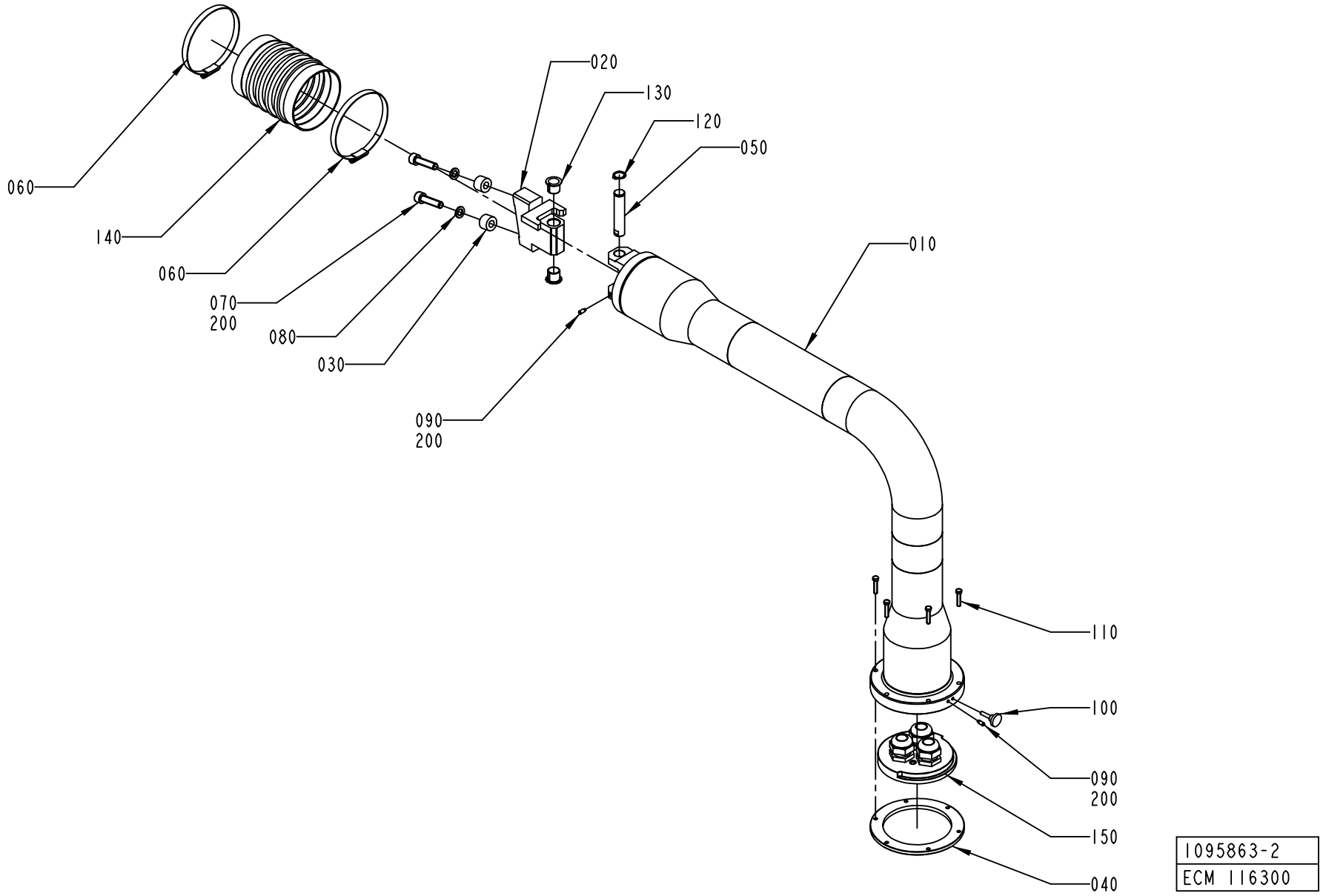


1523777-1
ECN 93149

ECM: 93184 - 20010715
Group number: 1523777-0100
Assembly Drawing: 1523777-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1524186-0000	-		1	PROFILE	
020	1524187-0000	-		1	PROFILE	
030	1524188-0000	-		10	STAIR	
050	1524190-0000	-		1	BRACKET	
060	1524191-0000	-		2	RIM	
070	1524192-0000	-		1	RAILING	
080	1524193-0000	-		1	RAILING	
090	1037391-0000	-		2	CANTILEVER	
100	1524185-0000	-		2	EXTENSION PIECE	
110	90347-0009	-		2	FLOOR PLATE, NO 1256730	
120	312605-0324	-		2	HEXAGON NUT, M6M M16 A280	
130	312104-0461	-		88	SCREW M6S M8X50H FZB	
140	315105-0165	-		94	WASHER BRB8,4X16RFR	
150	312105-0449	-		8	SCREW M6S ISO 4017 M8X16 A480	
160	312105-0451	-		6	SCREW M6S ISO 4017 M8X20 A480	
170	312605-0318	-		4	HEXAGON NUT, M6M M8 A280	
180	312105-0495	-		12	SCREW M6S ISO 4017 M10X30 A480	
190	315105-0173	-		12	WASHER BRB10,5X22RFR	
200	1558946-0000	-		2	PLUG	
210	312115-0327	-		2	SCREW ISO4762 M5X12 A4	
220	315105-0146	-		2	BRICKA BRB5,3X10RFR	

Pos	Part No	SP	UN	Qty	Description	Page No


020
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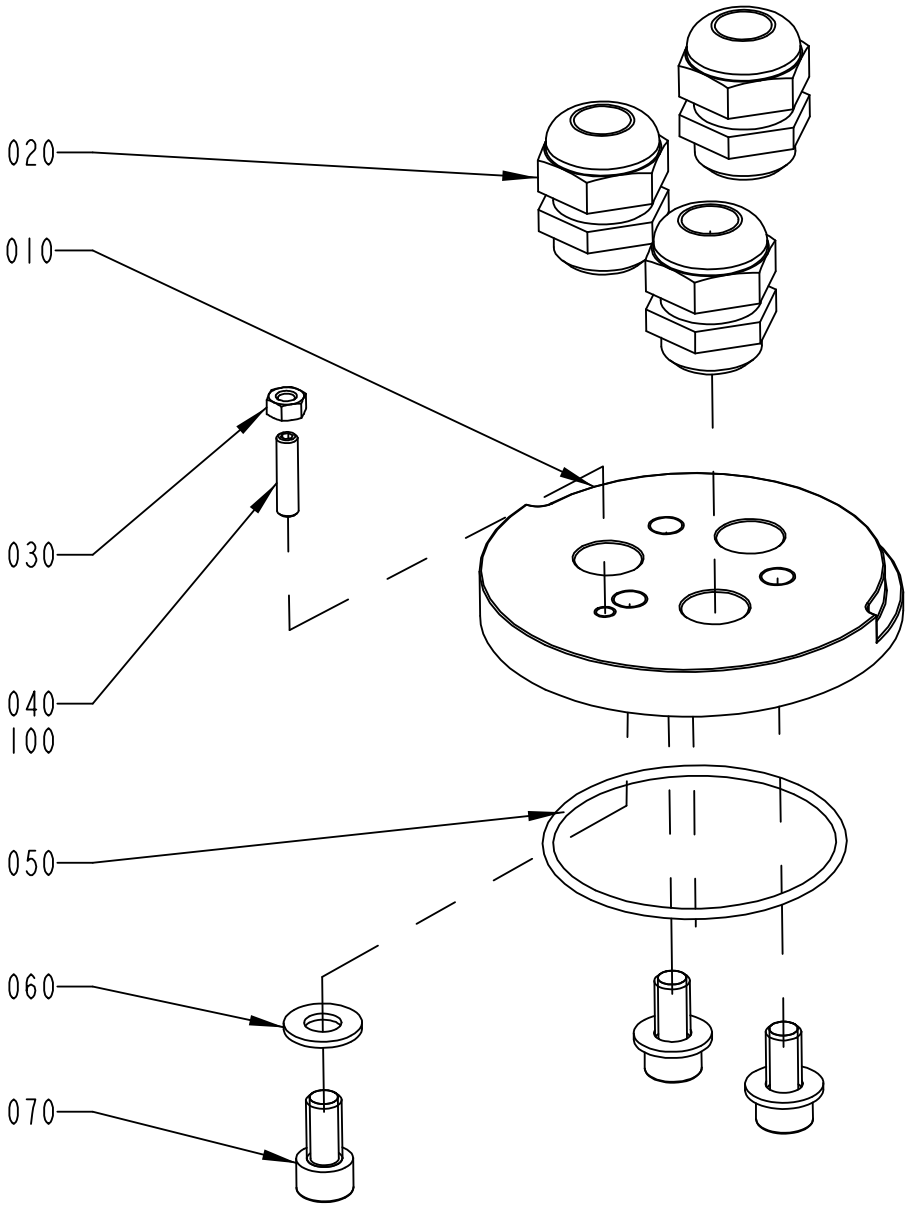
1095863-2
ECM 116300

ECM: 102581 - 20021110
Group number: 1095863-0200
Assembly Drawing: 1095863-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1558974-0000	-		1	PIPE BRACKET	
020	1558975-0000	-		1	BLOCKING PIECE	
030	1254494-0000	-		1	SPACER	
040	1558949-0000	-		1	PLATE	
050	1558945-0000	-		1	PIVOT PIN	
060	342991-0114	-		2	HOSE CLIP,WORM DRIVE TYPE (93)-110	
070	312115-0499	-		2	SCREW ISO4762 M10X40 A4	
080	315402-0173	-		2	LOCK WASHER FBB 10,2	
090	312311-0327	-		2	SCREW ISO4028 M5X12 FZB	
100	318860-0106	-		1	KNOB, ADJUST.HI.EXT.THREAD, NO 8324-3674	
110	312105-0333	-		6	SCREW M6S ISO 4017 M5X25 A480	
120	315751-0113	-		1	RETAIN. RING, 16	
130	321161-0221	B		2	FLANGE BUSHING, 16X18X17 MM	
140	90342-0024	-		1	RUBBER BELLOWS, 100X100 MM	
150	2570616-0100	-		1	FASTENING PLATE	**409**
200	90157-0021	-	KG	1	LOCKING FLUID	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

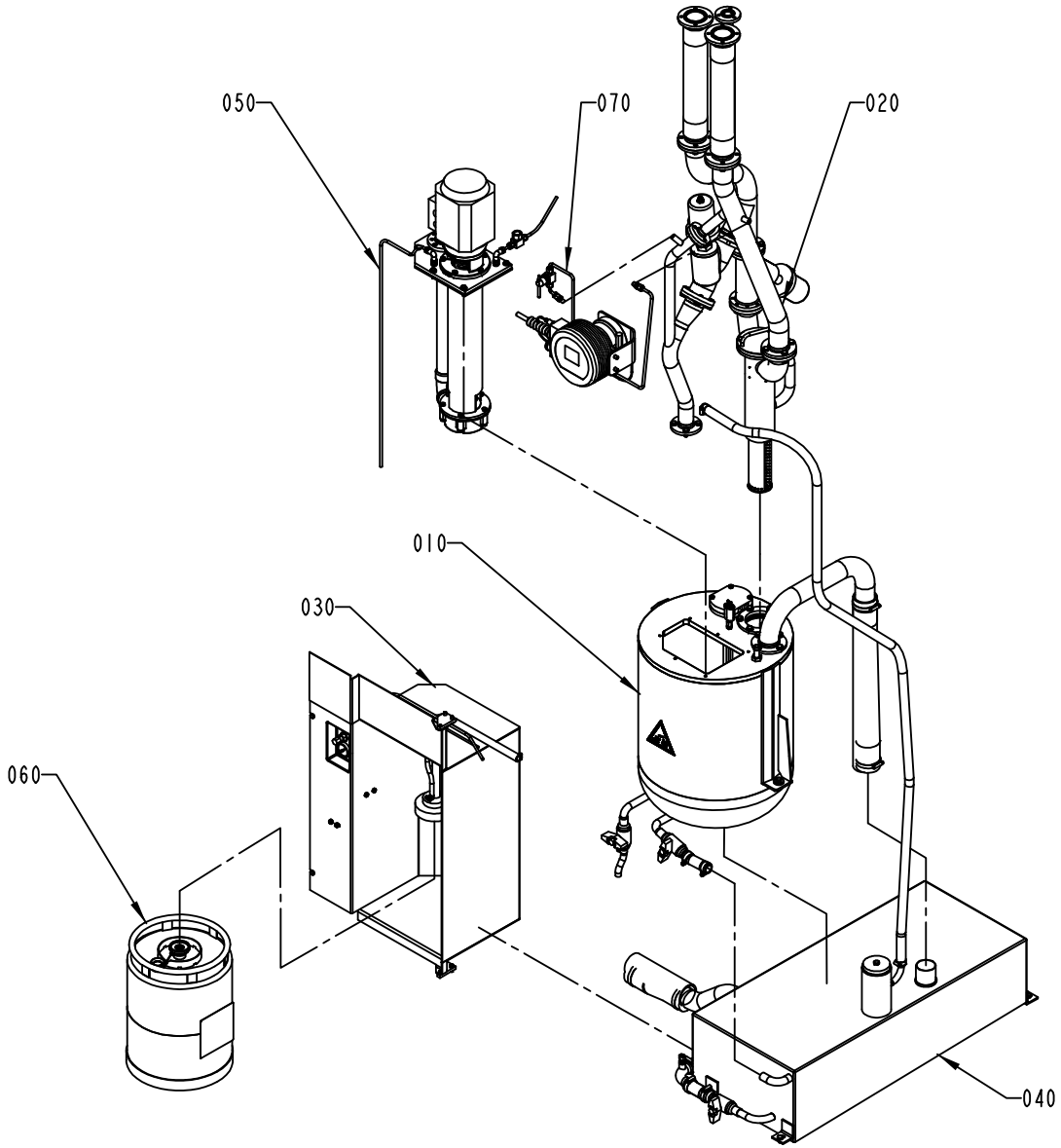


2570616-1
ECM 116300

ECM: 117183 - 20021110
Group number: 2570616-0100
Assembly Drawing: 2570616-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1558948-0000	-		1	PLATE	
020	352103-0115	-		3	CABLE GLAND, STR 21, PR28,3/PG21	
030	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
040	312318-0372	-		1	SCREW ISO4029 M6X25 A4	
050	315202-0307	-		1	O-RING 79,5X3 MM	
060	315105-0173	-		3	WASHER BRB10,5X22RFR	
070	312115-0491	-		3	SCREW ISO4762 M10X20 A4	
100	90157-0021	-		1	LOCKING FLUID	

Pos	Part No	SP	UN	Qty	Description	Page No

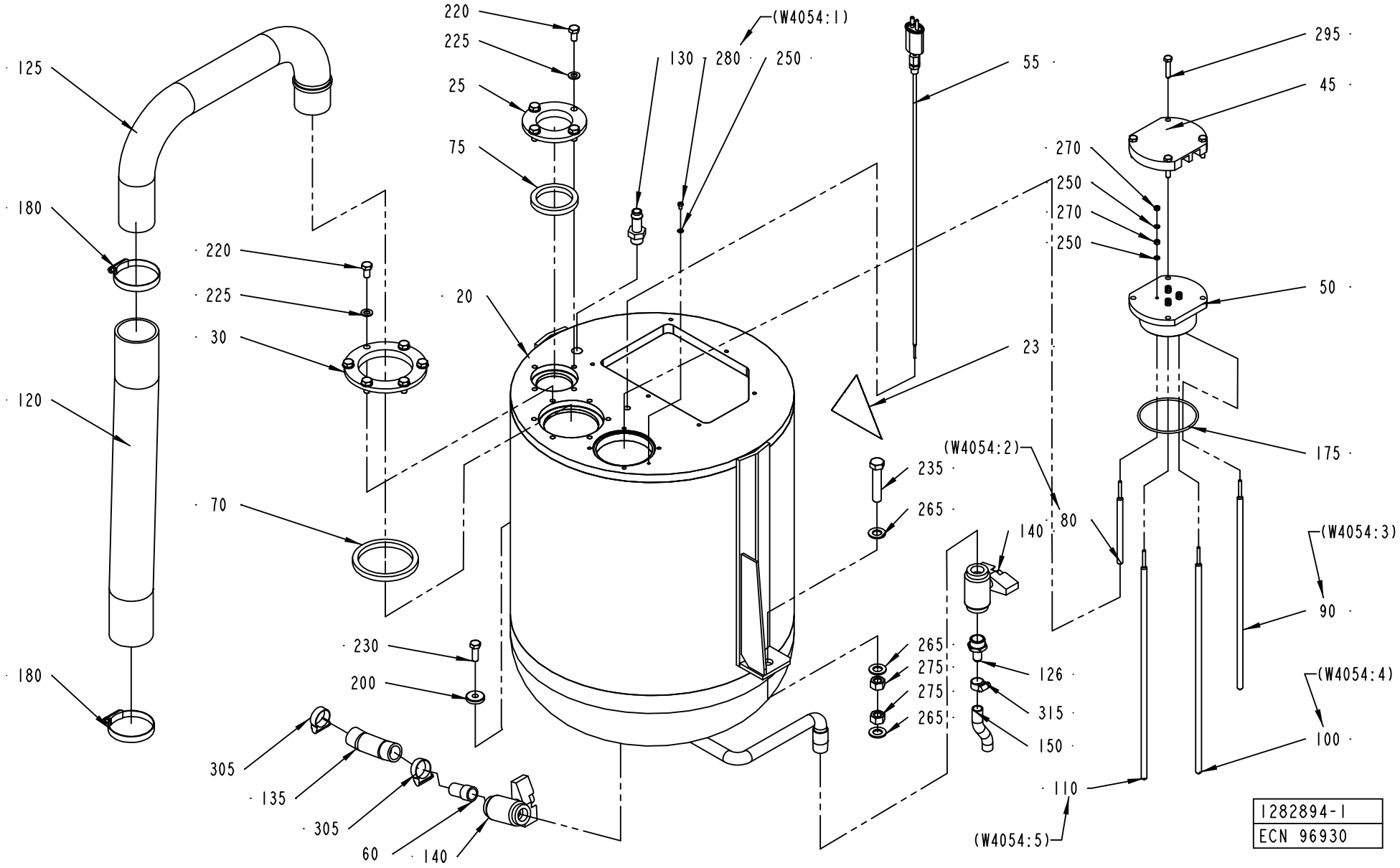


1095831-4
ECN 121676

ECM: 122483 - 20030413
Group number: 1095831-0400
Assembly Drawing: 1095831-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1282894-0100	-		1	PEROXIDE TANK	**413**
020	1282895-0200	-		1	PEROXIDE PIPE	**415**
030	1095825-0100	-		1	CABINET	**417**
040	1282896-0100	-		1	TANK	**419**
050	996388-0500	-		1	PEROXIDE PUMP	**423**
060	527898-0100	-		1	CONTAINER H2O2	**425, 1199**
070	2519574-0100	-		1	HYDROGEN PEROXIDE CONCENTRATION METER	**427**

Pos	Part No	SP	UN	Qty	Description	Page No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(W4054:5)
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270
250
50
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90
(W4054:4)
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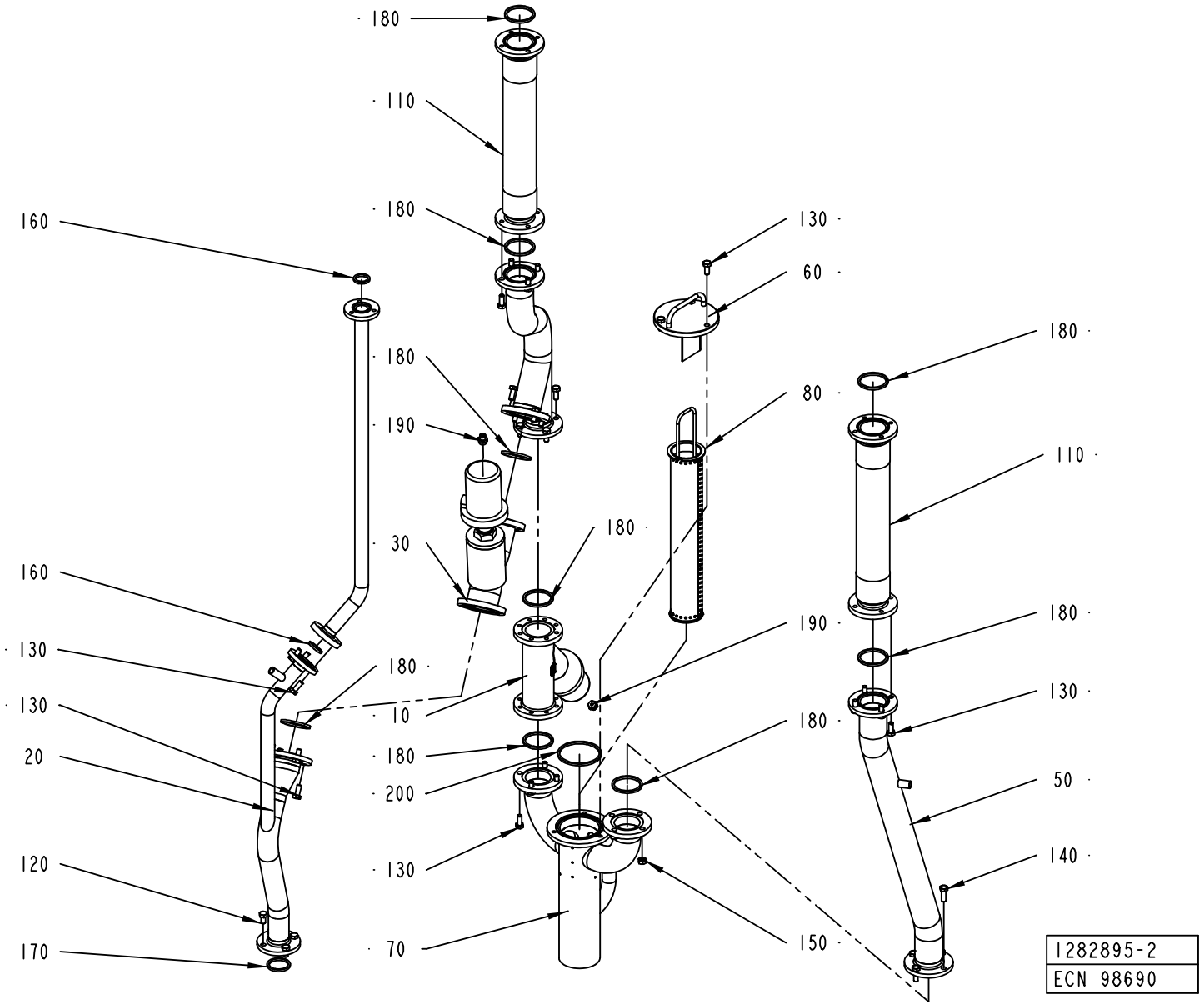
1282894-1
ECN 96930

ECM: 135641 - 20030922
Group number: 1282894-0100
Assembly Drawing: 1282894-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
045	1282903-0000	-		1	FLANGE	
050	1282904-0000	-		1	LID	
080	1129441-0001	D		1	ELECTRODE	
090	1129441-0002	D		1	ELECTRODE	
100	1129441-0003	D		1	ELECTRODE	
110	1129441-0004	D		1	ELECTRODE	
250	315105-0136	-		9	WASHER BRB4,3XRFR	
270	312605-0312	-		8	HEXAGON NUT, M6M M4 A280	
Common Parts						
020	1255559-0000	-		1	PEROXIDE TANK	
023	359705-0004	-		1	WARNING SIGN ISO, DANGEROUS CHEMICALS	
025	1040840-0000	-		1	FLANGE	
030	1040841-0000	-		1	FLANGE	
055	1347704-0000	D		1	THERMOCOUPLE	
	1040890-0000	*D*		*1*	*THERMOCOUPLE*	
	90326-0306	*-*		*1*	*GLAND FITTING 9041-45-KS-KR.1/8" D=4,5MM*	
060	1037102-0000	-		1	SPACER PIPE	
070	1040852-0000	C		1	SEALING RING	
075	1040853-0000	C		1	SEALING RING	
120	1282899-0000	C		1	HOSE	
125	1282891-0000	-		1	PIPE	
126	1282906-0000	-		1	NIPPLE	
130	90055-0051	-		1	HOSE NIPPLE, EXT.THR. R3/8X13 MM	
135	90166-0151	C	MM	140	HOSE	
140	90187-0059	C		2	BALL VALVE FOR HYDR.PER. G1/2 3MM HOLE	
150	90166-0138	C	MM	85	HOSE	
175	927422-0016	C		1	O-RING 79.5X3 SILICON	
180	342991-0110	-		2	HOSE CLIP,WORM DRIVE TYPE (54)-63	
200	315125-0165	-		1	WASHER TBRSB 8,4X26X5 A4	
220	312105-0449	-		10	SCREW M6S ISO 4017 M8X16 A480	
225	315105-0165	-		10	WASHER BRB8,4X16RFR	
230	312105-0453	-		1	SCREW M6S ISO 4017 M8X25 A480	
235	312109-0544	-		1	SCREW M6S ISO 4017 M12X60 A480	
265	315105-0178	-		3	WASHER BRB13X24RFR	
275	312605-0322	-		2	HEXAGON NUT, M6M M12 A280	
280	312125-0285	-		1	SCREW SLOT.PAN HD. MCS 4X6 A480	
295	312109-0374	-		4	SCREW M6S ISO 4017 M6X30 A480	
305	342991-0104	-		2	HOSE CLIP,WORM DRIVE TYPE (23)-27	
315	342991-0101	-		1	HOSE CLIP,WORM DRIVE TYPE (13)-16	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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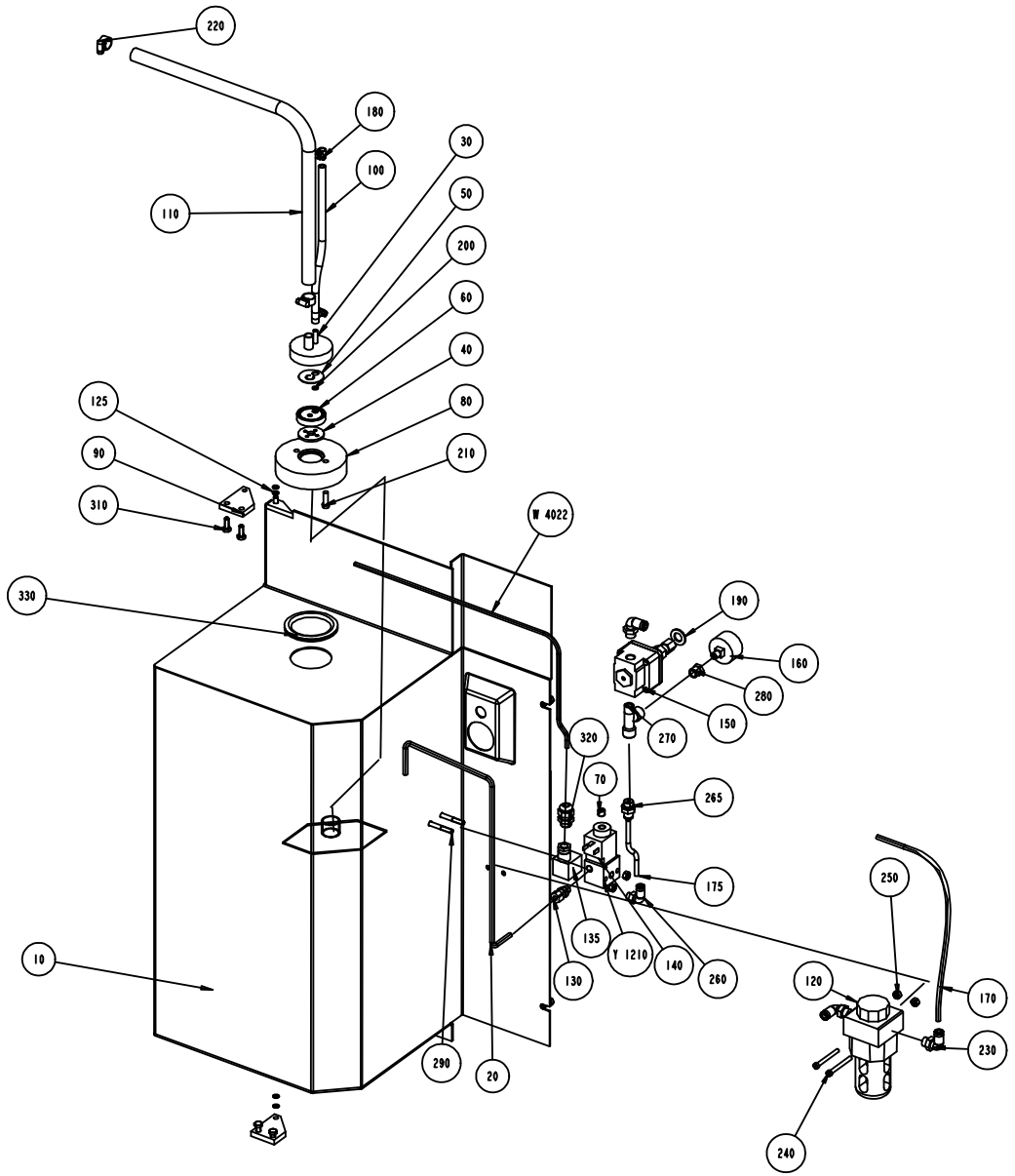
1282895-2
ECN 98690

ECM: 98811 - 20010925
Group number: 1282895-0200
Assembly Drawing: 1282895-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	978999-0000	A		1	VALVE	
	90235-0483	*C*		*1*	*WASHER,PL.RND.AL, 60/68,H=2,5*	
020	2519554-0000	-		1	PIPE	
030	1346565-0000	A		1	VALVE	
	90235-0483	*C*		*1*	*WASHER,PL.RND.AL, 60/68,H=2,5*	
040	1282876-0000	-		1	PIPE	
050	2519555-0000	-		1	PIPE	
060	1348530-0000	-		1	LID	
070	1282879-0000	-		1	CONNECTING PIPE	
080	1348529-0000	B		1	STRAINER	
100	1282901-0000	-		1	PIPE	
110	1285426-0000	B		2	PIPE	
120	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
130	312105-0451	-		30	SCREW M6S ISO 4017 M8X20 A480	
140	312105-0453	-		4	SCREW M6S ISO 4017 M8X25 A480	
150	312605-0318	-		4	HEXAGON NUT, M6M M8 A280	
160	315229-0103	B		2	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
170	315229-0104	B		1	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
180	315229-0105	B		9	GASKETS, 48,5X55,5X3,7 MM 2" FDA	
190	342722-0203	-		2	STRAIGHT COUPLING	
200	315229-0107	B		1	GASKETS, 73,9X80,9X3,7 MM 2"1/2 FD	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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Y 1210
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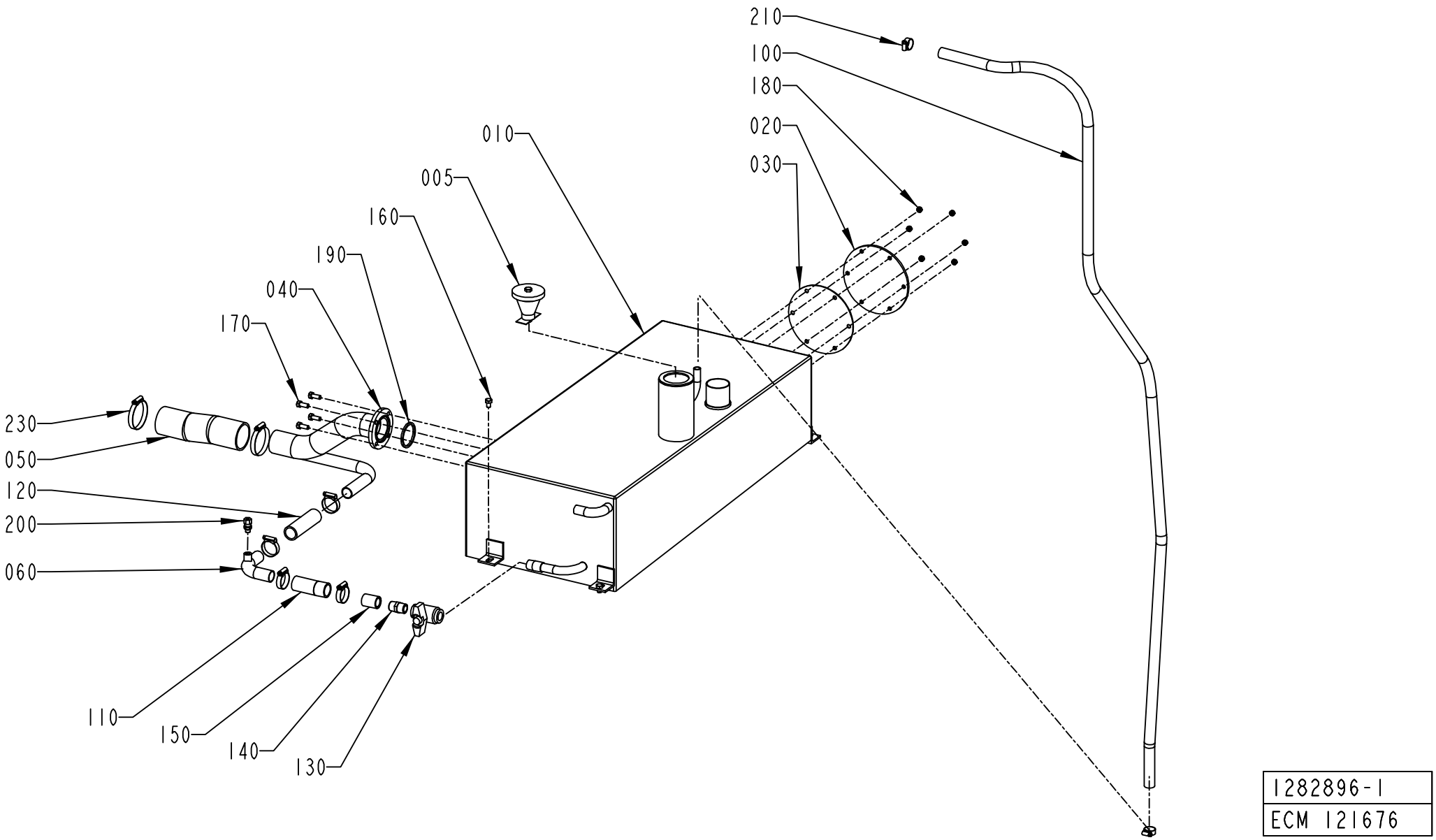
240

ECM: 71742 - 19980903
Group number: 1095825-0100
Assembly Drawing: 1095825-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1129329-0000	-		1	CABINET	
020	1038540-0000	-		1	PIPE	
030	1129328-0000	D		1	ATTACHMENT	
040	273981-0000	C		1	GASKET	
050	527912-0000	C		1	NON-RETURN VALVE	
060	530551-0000	D		1	WASHER	
070	563285-0000	-		1	BLIND PLUG	
080	1038541-0000	D		1	WEIGHT	
090	1129316-0000	-		2	BRACKET	
100	90166-0101	C	MM	250	HOSE, SILICONE, 60 SHORE, 6/10 MM	
110	90166-0161	C	MM	1500	HOSE	
120	90277-0039	C		1	FILTER TYP LF -1/4-S-5M-B	
	90277-0346	*C*		*1*	*FILTER CATRIDGE LFP-1/4-S-5M*	
	90234-0328	*C*		*1*	*COVER*	
125	90005-0056	-		4	WASHER PL.RND.NYL.6/8,5,H=1	
130	90030-0184	-		1	CONN. STR. GA-6-G1/8	
135	90042-0398	C		1	CONTACT 3 POLE+EARTH	
140	90042-0487	C		1	COIL 24 VDC MECMAN	
150	90113-0056	C		1	REGULATOR	
160	90043-0021	D		1	PRESSURE GAUGE WIEGAND 0-1 BAR 1/8"	
170	90166-0081	C	MM	380	TUBE 6 MM PA BLUE	
175	90166-0081	C	MM	110	TUBE 6 MM PA BLUE	
180	90132-0021	-		2	HOSE CLIP 6-10MM	
190	315105-0178	-		1	WASHER BRB13X24RFR	
200	315204-0103	C		1	O-RING 5,1X1,6 MM	
210	312125-0370	-		2	SCREW PAN HEAD MCS M6X20 SS	
220	342991-0101	-		2	HOSE CLIP,WORM DRIVE TYPE (13)-16	
230	342732-0103	-		3	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/4	
240	312125-0341	-		2	SCREW SLOT.PAN HD. MCS 5X50 A480	
250	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
260	342732-0102	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/8	
265	342722-0203	-		1	STRAIGHT COUPLING	
270	342245-0102	-		1	T-PIPE, INT. THREAD, R1/4XKR1/4	
280	342701-0201	-		1	BUSHING,INT./EXT.G-THREAD G1/4"-G1/8"	
290	312105-0378	-		2	SCREW M6S ISO 4014 M6X40 A480	
310	312105-0368	-		6	SCREW M6S M6X16 A280	
320	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
330	90143-0060	-	MM	195	EDGE STRIP 9,5X6,3MM BLACK PVC	
W4022	351150-0403	-	M	3	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
Y1210	90042-0206	C		1	SOLENOID VALVE 444-111-000-1	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No



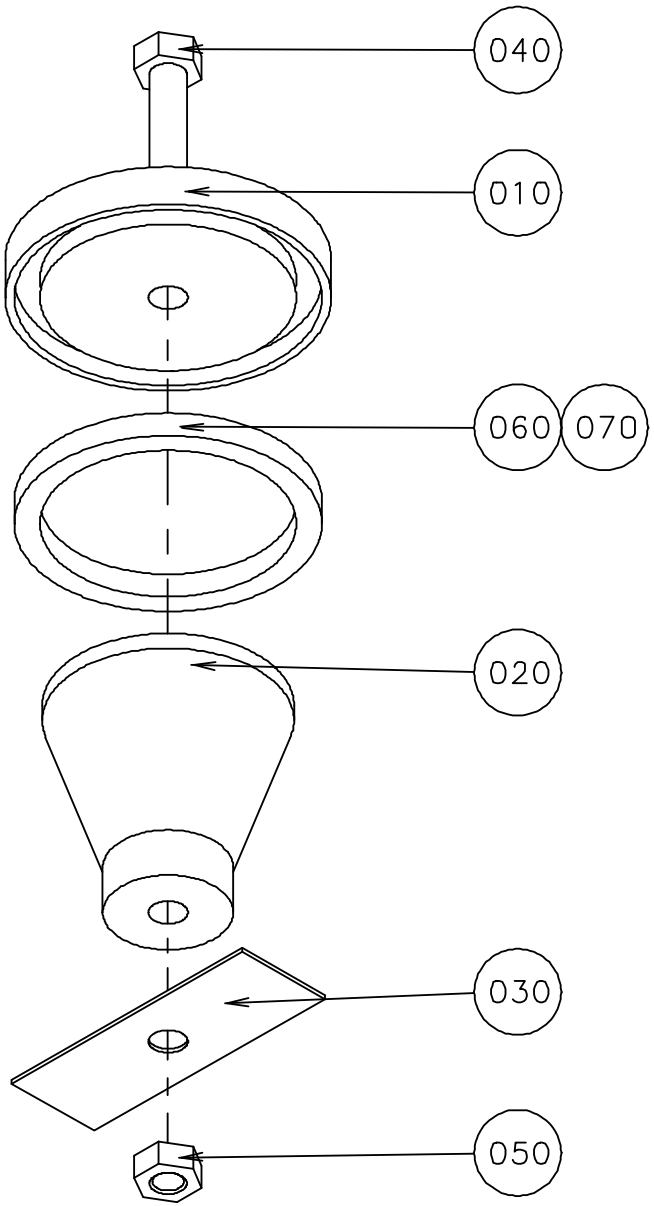
1282896-1
ECM 121676

ECM: 129825 - 20030630
Group number: 1282896-0100
Assembly Drawing: 1282896-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
005	566196-0100	-		1	LID WITH WEIGHT	**421**
010	1282892-0000	-		1	TANK	
020	1040807-0000	-		1	LID	
030	1040808-0000	A		1	GASKET	
040	1282893-0000	-		1	PIPE	
050	1282898-0000	A		1	HOSE	
060	2574421-0000	-		1	PIPE	
100	90166-0087	A	MM	2500	HOSE 15/23 REINF.PVC TRANSP.	
110	90166-0158	A	MM	85	HOSE	
120	90166-0158	A	MM	105	HOSE	
130	90187-0059	A		1	BALL VALVE FOR HYDR.PER. G1/2 3MM HOLE	
140	90330-0021	-		1	NIPPLES, EXT. THREAD. R-207R1/2	
150	90330-0054	-		1	SLEEVE, INT. THREAD, NO. R-201R1/2	
160	312105-0447	-		4	SCREW M6S ISO 4017 M8X12 A480	
170	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	
180	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
190	315229-0105	A		1	GASKETS, 48,5X55,5X3,7 MM 2" FDA	
200	90030-0184	-		1	CONN. STR. GA-6-G1/8	
210	342991-0103	-		2	HOSE CLIP,WORM DRIVE TYPE (19)-23	
220	342991-0106	-		4	HOSE CLIP,WORM DRIVE TYPE (30)-36	
230	342991-0110	-		2	HOSE CLIP,WORM DRIVE TYPE (54)-63	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type Group Description Used-In Group Number Page No

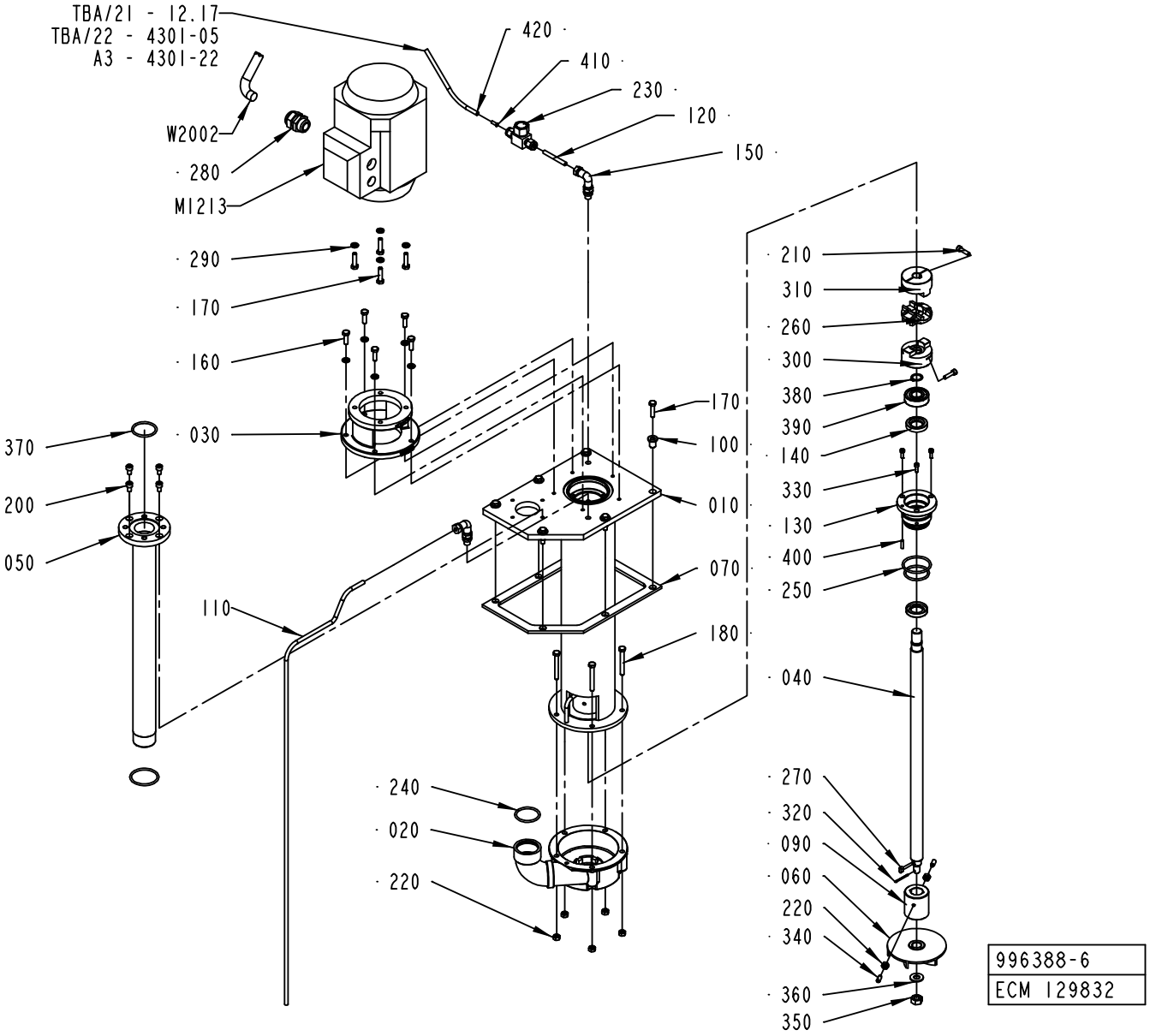


S-566196-1
ECN 70662

ECM: 72091 - 19981216
Group number: 566196-0100
Assembly Drawing: 566196-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	566195-0000	-		1	LID	
020	566194-0000	-		1	WEIGHT	
030	566171-0000	-		1	CUP SPRING	
040	312105-0466	-		1	SCREW M6S ISO 4014 M8X75 A480	
050	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
060	90143-0020	-	MM	190	STRIP	
070	90153-0023	-		1	ADHESIVE, SILICON 251470 TUB 90CC	

Pos	Part No	SP	UN	Qty	Description	Page No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TBA/22 - 4301-05
A3 - 4301-22
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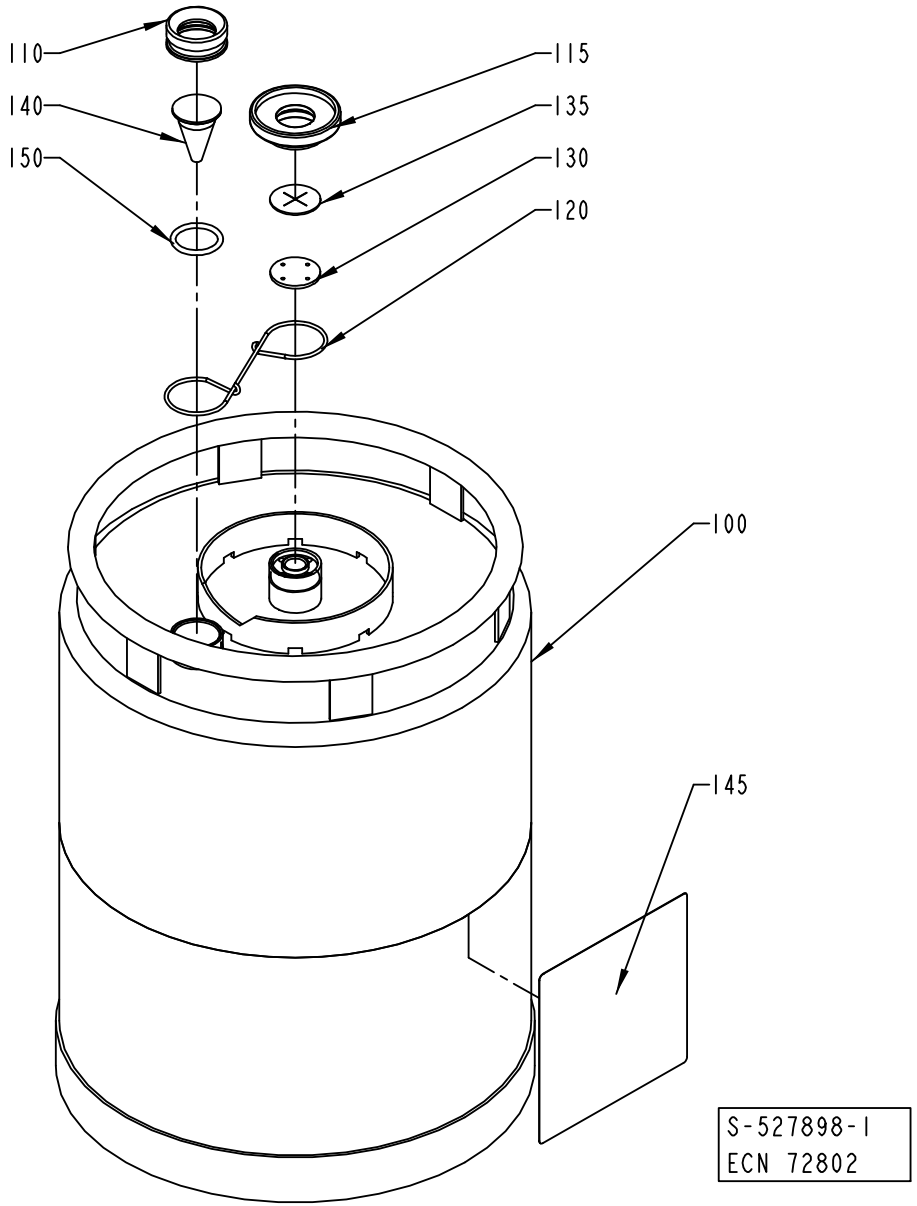
996388-6
ECM 129832

ECM: 129805 - 20030630
Group number: 996388-0500
Assembly Drawing: 996388-6_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2529413-0000	-		1	EXTENSION PIPE	
020	2529412-0000	A		1	PUMP HOUSING	
030	751395-0000	-		1	FLANGE	
040	2523266-0000	A		1	PUMP SHAFT	
050	1040796-0000	-		1	PIPE	
060	491929-0000	A		1	IMPELLER WHEEL	
070	1255557-0000	A		1	GASKET	
090	2510372-0000	A		1	BUSHING	
100	2564342-0000	A		6	SPACER	
110	2564561-0000	-		1	PIPE	
120	2564978-0000	-		1	PIPE	
130	2564225-0000	-		1	BUSHING	
140	90091-0412	A		2	SEAL RING	
150	90030-0171	-		2	ADJUSTABLE ELBOW CONNECTION,EXT 6-G1/8	
160	312105-0370	-		5	SCREW M6S ISO 4017 M6X20 A480	
170	312105-0372	-		10	SCREW M6S ISO 4017 M6X25 A480	
180	312109-0380	-		5	SCREW M6S ISO 4017 M6X50 A480	
200	312115-0364	-		4	SCREW ISO4762 M6X10 A4	
210	312115-0331	-		2	SCREW ISO4762 M5X20 A4	
220	312605-0316	-		7	HEXAGON NUT, M6M M6 A280	
230	90230-0064	B		1	CHECK VALVE, 6 MM HIGH TEMP.	
240	927422-0005	A		2	O-RING 36.2X3 SILICON	
250	927422-0006	A		2	O-RING 42.2X3 SILICON	
260	90458-0274	A		1	DISC FOR COUPLING, HUCO 236.50T	
270	315705-0196	-		1	PARALLEL KEY W.ROUND ENDS 5X5X10	
280	352103-0110	-		1	CABLE GLAND, STR 16, PR22,5/PG16	
290	315105-0153	-		9	WASHER BRB6,4X12RFR	
300	90459-1535	A		1	FLEXIBLE COUPLING DISC, 16 MM	
310	90459-1536	A		1	FLEXIBLE COUPLING DISC, 14 MM	
320	311411-0169	A		1	SPLIT PIN SP2,5X25RFR	
330	312115-0291	-		3	SCREW ISO4762 M4X12 A4	
340	312311-0368	-		2	SCREW ISO4028 M6X16 FZB	
350	312605-0320	-		1	HEXAGON NUT, M6M M10 A280	
360	315105-0173	-		1	WASHER BRB10,5X22RFR	
370	315204-0222	A		1	O-RING 36,2X3 MM	
380	315751-0113	A		1	RETAIN. RING, 16	
390	321313-0103	A		1	BALL BEARING, 17X40X12MM	
400	311103-0270	-		1	PARALLEL PIN ISO 2338 4M6X16 A1	
410	342706-0130	-		1	ACCESSORIES, INSERT SLEEVE 6 MM	
420	90166-0081	-	M	1	TUBE 6 MM PA BLUE	
M 1213	90458-2466	A		1	MOTOR 3GVA071002-CSB	
W 2002	351150-0418	-	M	4	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	

Machine Type | Group Description | Used-In | Group Number | Page No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ECN 72802

ECM: 115873 - 20020930
Group number: 527898-0100
Assembly Drawing: 527898-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
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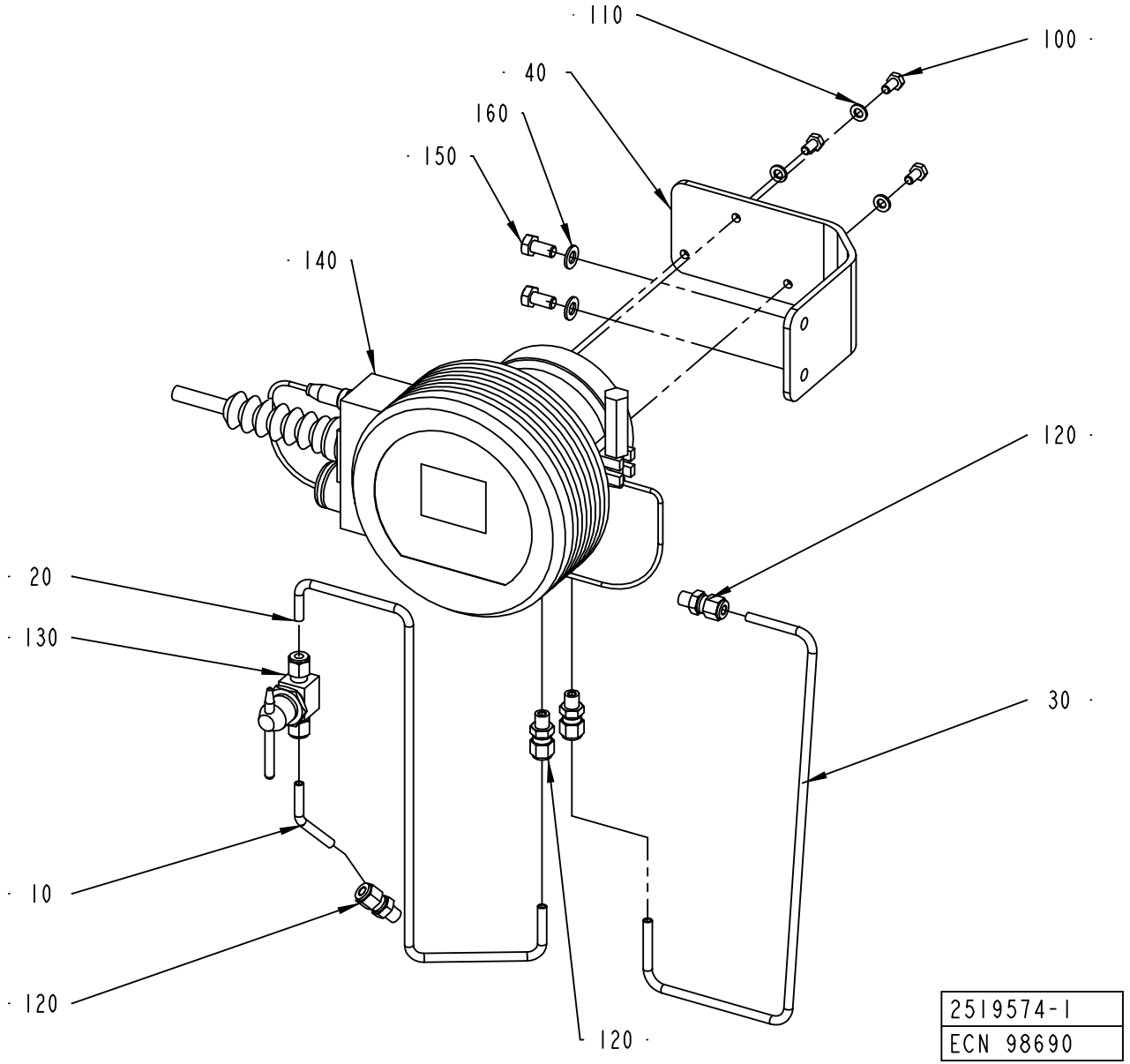
100	561427-0000	-		1	CONTAINER	
110	273977-0000	-		1	NUT	
115	273996-0000	-		1	NUT	
120	273980-0000	-		1	SPRING	
130	565250-0000	B		1	WASHER	
135	565251-0000	B		1	VALVE	
140	273978-0000	-		1	LEVEL GLASS	
145	532655-0000	A		1	CAUTION SIGN	
150	927422-0003	B		1	O.RING 24.2X3 SILICON	

Pos	Part No	SP	UN	Qty	Description	Page No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ECN 98690

ECM: 98810 - 20010925
Group number: 2519574-0100
Assembly Drawing: 2519574-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
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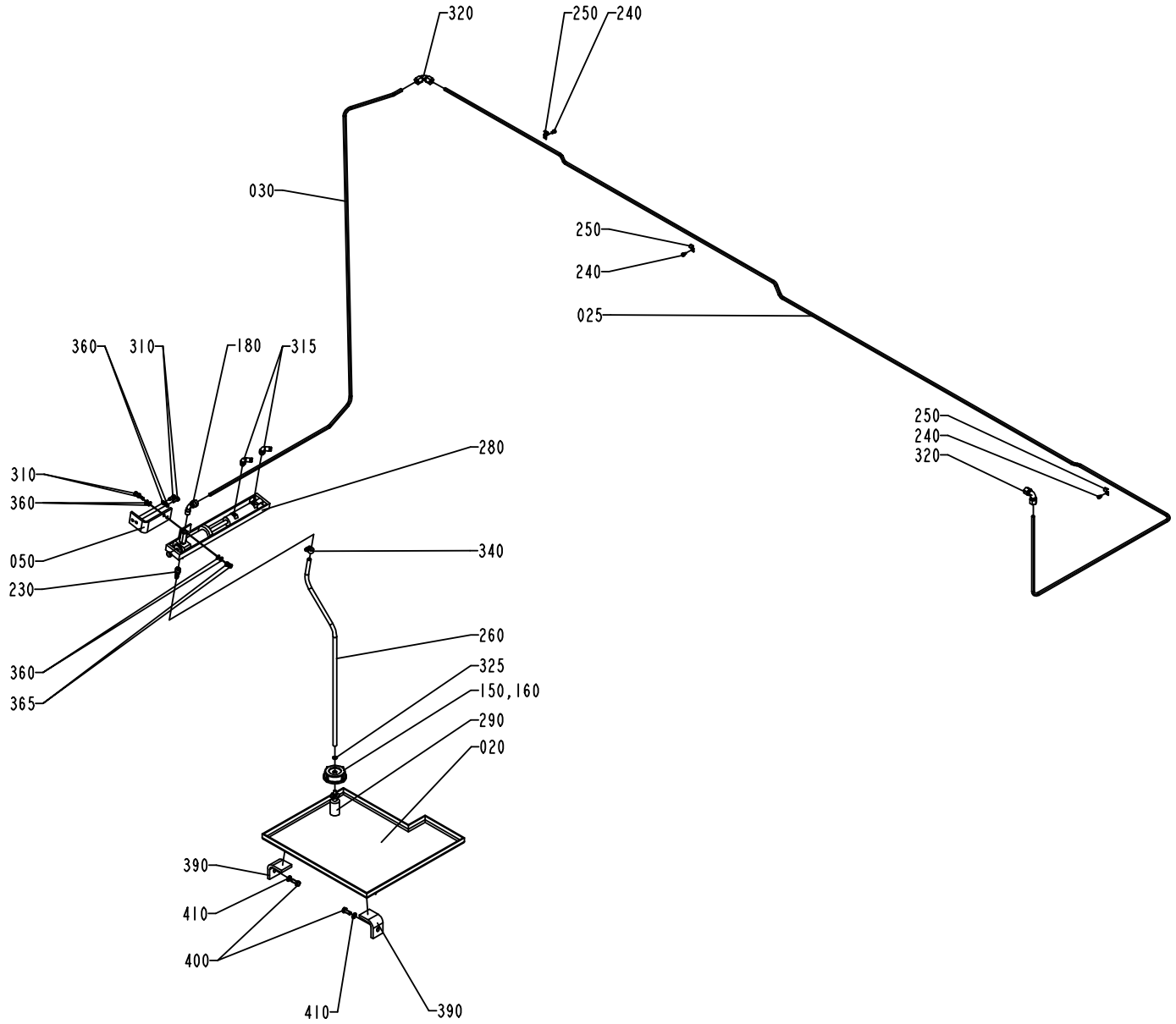
010	2501378-0000	-		1	PIPE	
020	2531500-0000	-		1	PIPE	
030	2531501-0000	-		1	PIPE	
040	2519556-0000	-		1	BRACKET	
100	312105-0366	-		3	SCREW M6S M6X12 A280	
110	315105-0153	-		3	WASHER BRB6,4X12RFR	
120	90458-1477	-		4	CONNECTOR 6-1/8 NPT, EXT. TAPERED	
130	90458-1478	-		1	BALL VALVE SS-43T6MM-SH-10147	
140	90458-1977	-		1	REFRACTOMETER SET DA15FC15A DFTP A	
	90458-1950	-		*1*	*PROBE A0804272 IPT100 1/8" GAS TRIC-B*	
	90458-1976	-		*1*	*CABLE A0804273*	
	90458-1979	-		*1*	*BELLOWS A0710020*	
	90458-1980	-		*1*	*REFRACTOMETER DA16FC16B*	
	90458-2269	-		*1*	*DEFLECTOR A0808137*	
	90458-1892	-		*1*	*GASKET A0539066 80,5X90,5X2 MM*	
	90458-1893	-		*1*	*FILTER CARTRIDGE A0111004*	
	90458-1940	-		*1*	*CLAMP A0515170 3" AISI 304*	
	90458-1941	-		*1*	*O-RING A0701180 10,82X1,78 MM*	
	90458-1943	-		*1*	*O-RING A0701145 53,65X2,62 MM*	
150	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
160	315105-0165	-		2	WASHER BRB8,4X16RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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ECM: 70932 - 19971127
Group number: 1095794-0200
Assembly Drawing: 1095794-3_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
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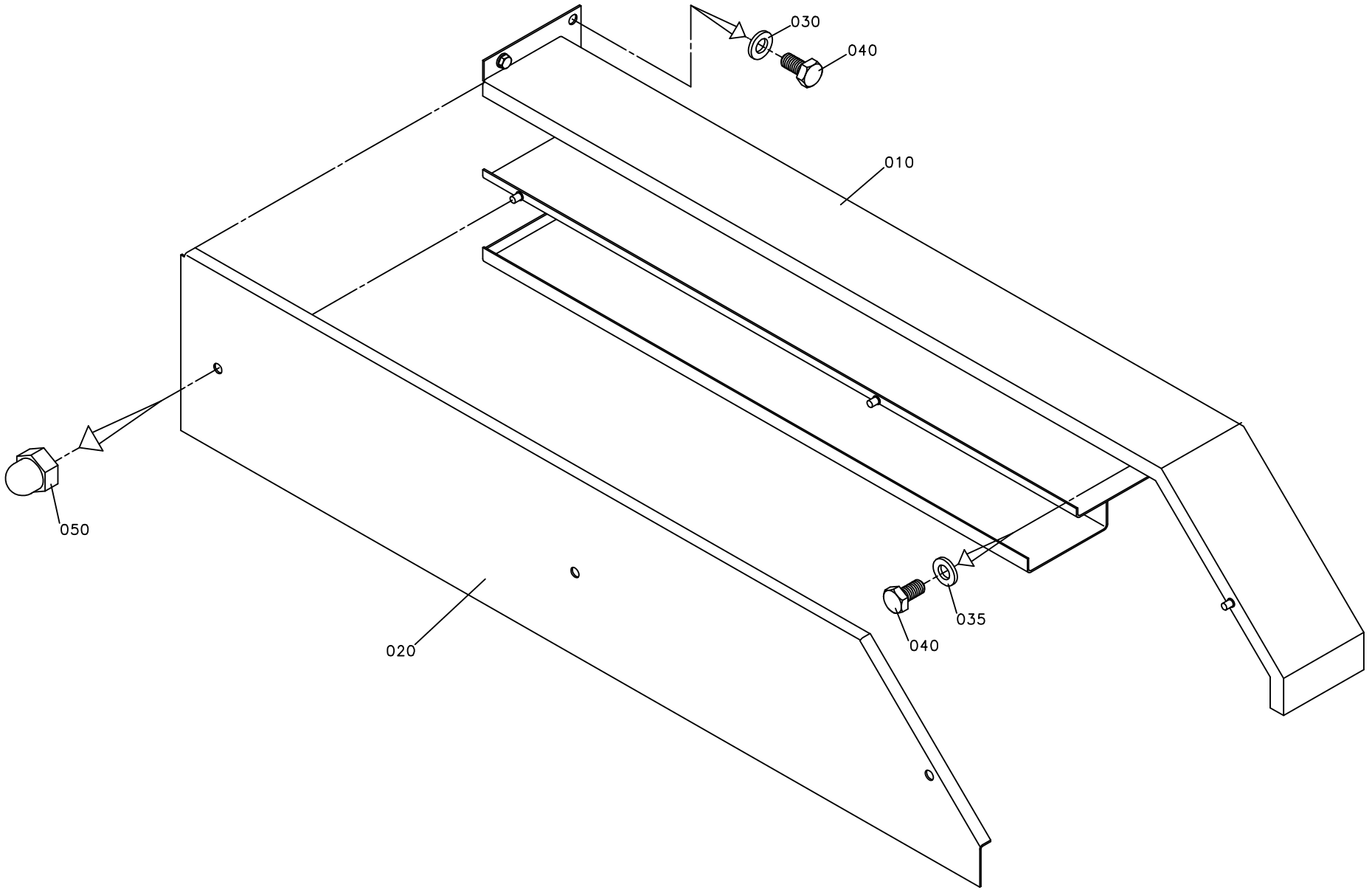
020	1038295-0000	-		1	SPLASH PLATE	
025	1140639-0000	-		1	PIPE	
030	1255432-0000	-		1	PIPE	
050	1334064-0000	-		1	BRACKET	
150	1129432-0000	-		1	LID	
160	1129433-0000	-		1	LID	
180	90030-0071	-		1	CONN. ELBOW WA 8-R1/4	
230	90055-0132	-		1	HOSE NIPPLE, EXT.THR. R1/4X7,8 MM	
240	312125-0323	-		3	SCREW PAN HEAD MCS M5X8 SS	
250	316810-0106	-		3	PIPE CLIP FOR TUBE D=8 MM	
260	90166-0008	-	MM	1000	HOSE 7/10 PVC TRANSP.	
280	90321-0128	-		1	CHEM. PUMP 081778	
290	90321-0396	C		1	FILTER	
310	312105-0368	-		4	SCREW M6S M6X16 A280	
315	342732-0102	-		2	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/8	
320	342737-0208	-		2	CONN. ELBOW W-8 LRFR	
325	315204-0207	-		1	O-RING 8,3X2,4 MM	
340	342991-0100	-		1	HOSE CLIP,WORM DRIVE TYPE 10-13	
360	315105-0153	-		6	WASHER BRB6,4X12RFR	
365	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
390	1037539-0000	-		2	BRACKET	
400	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
410	315105-0165	-		2	WASHER BRB8,4X16RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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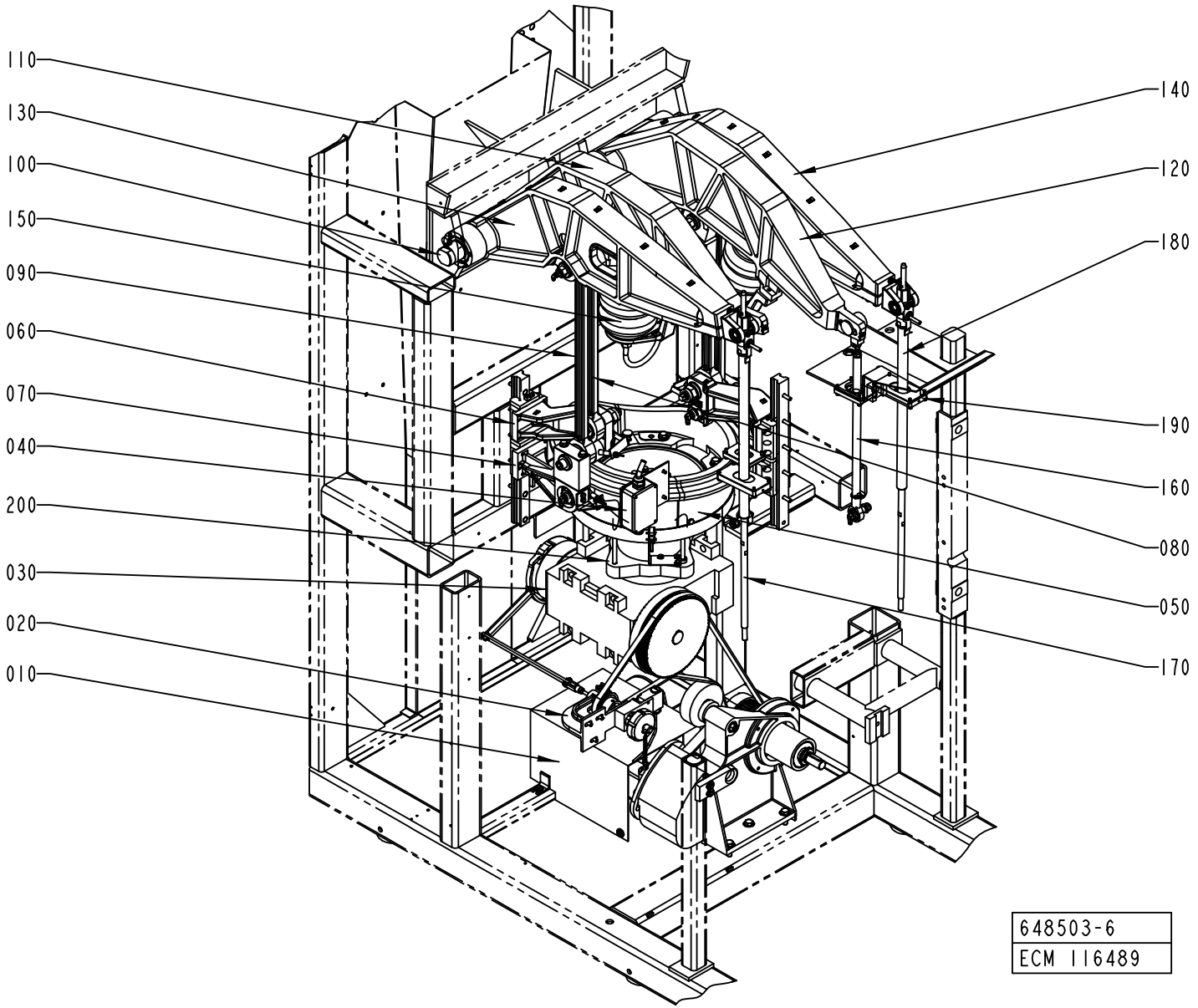
ECM: - -
Group number: 1095876-0100
Assembly Drawing: 1095876-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1129443-0000	-		1	CABLE DUCT	
020	1129444-0000	-		1	LID	
030	315105-0153	-		4	WASHER BRB6,4X12RFR	
035	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
040	312105-0366	-		5	SCREW M6S M6X12 A280	
050	312705-0316	-		3	NUT HEX. DOMED CAP MHM-6 M6 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC
Spare Parts Catalogue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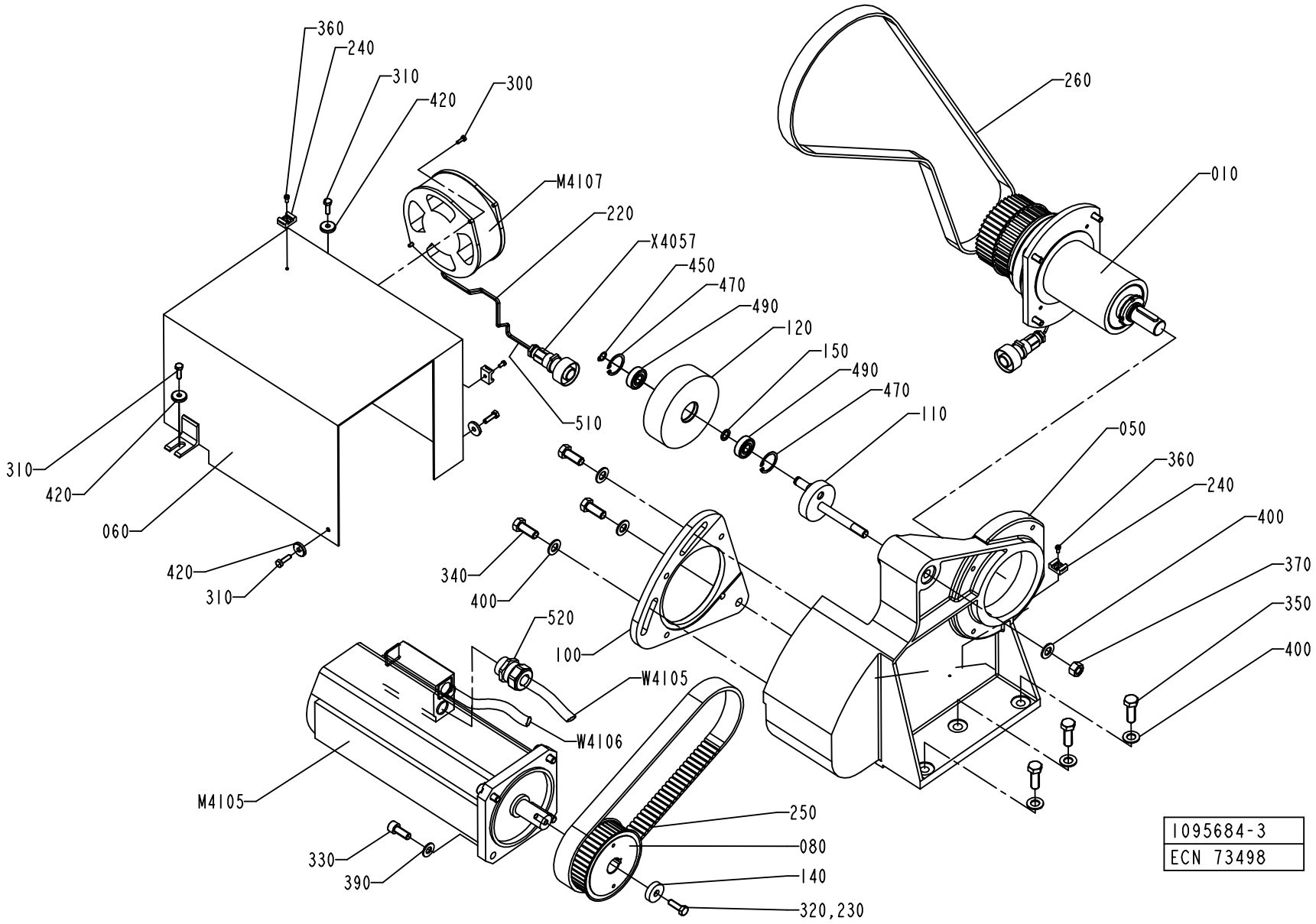
ECM 116489

ECM: 113847 - 20021204
Group number: 648503-0500
Assembly Drawing: 648503-6_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095684-0300	-		1	DRIVE UNIT	**437**
020	1095700-0300	-		1	CRANK	**443**
030	1095701-0400	-		1	WORM GEAR	**445**
040	1095702-0100	-		1	CONNECTION BOX	**447**
050	1095758-0300	-		1	CURVE	**449**
060	1487187-0100	-		2	YOKE CARRIAGE	**451**
070	1487188-0100	-		2	JAW CARRIAGE	**453**
080	1487189-0200	-		2	YOKE CONNECTION ROD	**455**
090	1487190-0200	-		2	JAW CONNECTION ROD	**457**
100	1487191-0100	-		1	MAIN ARMS SHAFT	**459**
110	1255569-0300	-		1	YOKE ARM LEFT	**461**
120	996360-0500	-		1	YOKE ARM RIGHT	**463**
130	1255570-0200	-		1	JAW ARM LEFT	**465**
140	996361-0500	-		1	JAW ARM RIGHT	**467**
150	1487192-0300	-		2	BELLOWS	**469**
160	1035221-0400	-		2	LINK	**471**
170	1035220-0400	-		1	JAW LINK LEFT	**473**
180	1255561-0200	-		1	JAW LINK RIGHT	**475**
190	1487301-0100	-		1	LINK SYSTEM GASKET	**477**
200	90298-0012	-		1	INHIBITOR	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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W4106
M4105
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1095684-3
ECN 73498

ECM: 112071 - 20020628
Group number: 1095684-0300
Assembly Drawing: 1095684-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
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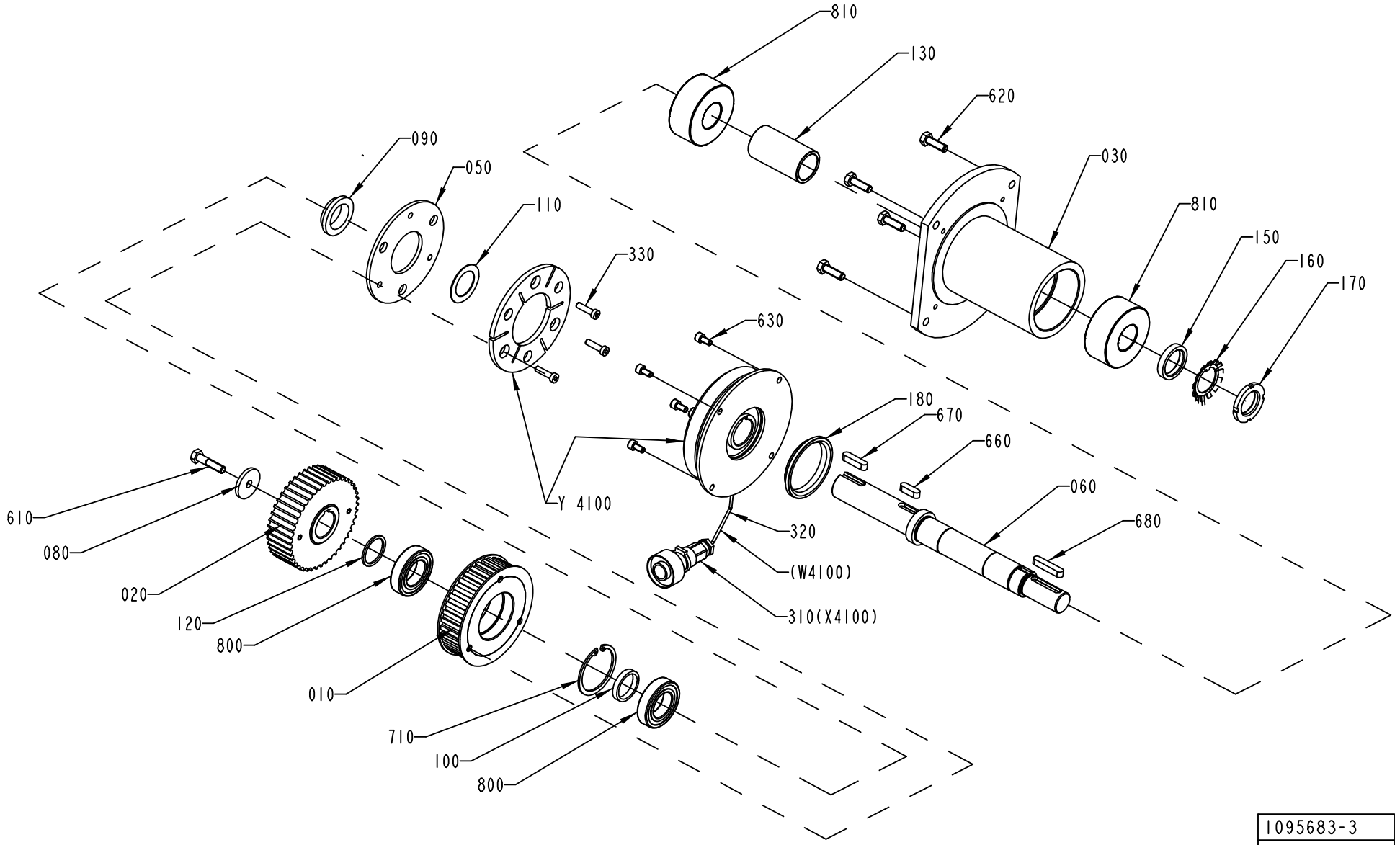
010	1095683-0400	-		1	CONNECTION	**439, 441**
050	1041804-0000	-		1	CANTILEVER	
060	1129085-0000	-		1	FAN CASING	
080	1523072-0000	A		1	TOOTHED PULLY	
100	1523071-0000	-		1	MOTOR PLATE	
110	1041975-0000	A		1	SHAFT	
120	1041976-0000	A		1	TENSION SPROCKET	
140	1523073-0000	-		1	SPACER	
150	1036014-0000	-		1	SPACER	
220	90166-0111	-	MM	300	SHRINKABLE HOSE 6.4 MM(1/4")BLACK	
230	90157-0016	-		1	LOCKING FLUID	
240	352113-0203	-		3	ANCHOR PLATES FOR STRIPS, TYPE TM3S8-M0	
250	90457-0163	A		1	TIMING BELT GT2 880 8MR 30	
260	90417-0366	A		1	TIMING BELT AT10 1640X25 MM	
300	312101-0291	-		2	SCREW M6S M4X12 FZB	
310	312101-0370	-		4	SCREW M6S M6X20 FZB	
320	312101-0453	-		1	SCREW M6S M8X25 FZB	
330	312115-0493	-		4	SCREW ISO4762 M10X25 A4	
340	312101-0536	-		3	SCREW M6S M12X30 FZB	
350	312101-0538	-		3	SCREW M6S M12X35 FZB	
360	312125-0287	-		3	SCREW PAN HEAD MCS M4X8 SS	
370	312601-0322	-		1	NUT M6M 12-8 FZB	
390	315101-0173	-		4	WASHER PLAIN, BRB, 10,5/22 H=2	
400	315101-0178	-		7	WASHER PLAIN, BRB, 13/24 H=2	
420	315121-0153	-		4	WASHER PLAIN, TBRSB 6,4/22 H=4	
450	315750-0109	-		1	RETAIN. RING, 12	
470	315752-0123	-		2	RETAIN. RING, 32	
490	321313-0101	-		2	BALL BEARING, 12X32X10 MM	
510	351175-0102	-	M	1	CABLE AWM 1X 075 MM2 YELLOW-GREEN	
520	353245-0006	-		1	GLAND, EXTENDED WITH INSERT, PG21/PR28,3	
M 4105	90045-0195	A		1	SERVO MOTOR EP 165-180-66T3B	
M 4107	90264-0055	A		1	FAN / W25 130-AA 03-01	
X 4057	90110-0235	A		1	CABLE CONTACT, PX0739/S	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No



1095683-3
ECN 73498

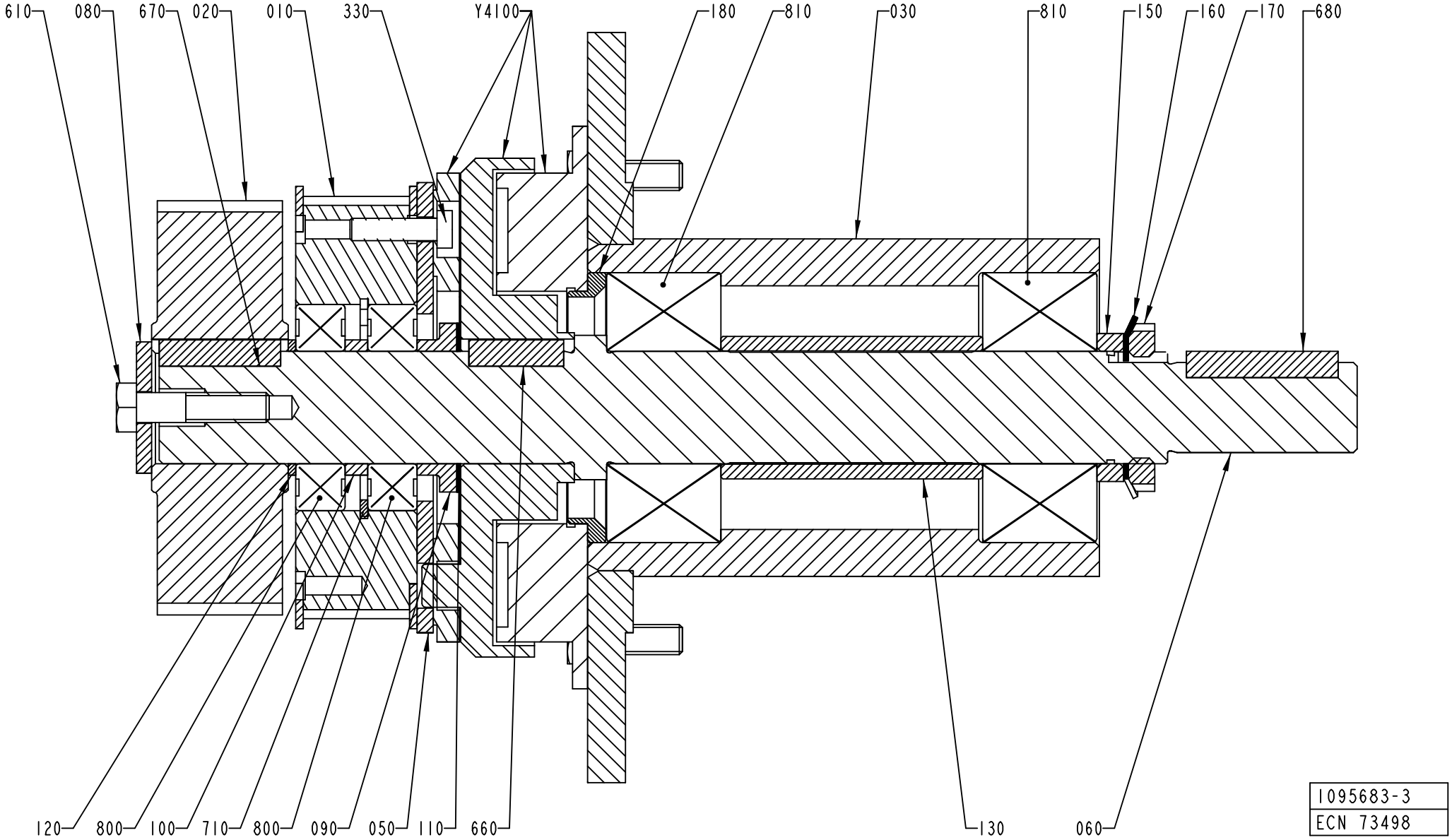
ECM: 90961 - 20001216
Group number: 1095683-0400
Assembly Drawing: 1095683-3_1_AA

This list covers pages from 438 to 441

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1523074-0000	A		1	TOOTHED PULLY	
020	1519106-0000	A		1	TOOTHED PULLY	
030	1519103-0000	-		1	FASTENING PLATE	
050	1035921-0000	-		1	WASHER	
060	1519105-0000	A		1	SHAFT	
080	1035922-0000	-		1	WASHER	
090	1512125-0000	-		1	SPACER RING	
100	1035925-0000	-		1	SPACER RING	
110	1511690-0000	B		1	LACE	
120	1041956-0000	-		1	SPACER	
130	1523088-0000	-		1	SLEEVE	
150	1519104-0000	-		1	SPACER	
160	315410-0106	-		1	LOCK WASHER MB 6 D=30 H=1,25	
170	312805-0106	-		1	NUT ROUND WITH SLOTS M30X1,5 FE	
180	1519107-0000	-		1	SPACER RING	
310	90110-0235	A		1	CABLE CONTACT, PX0739/S	
320	90166-0171	-	MM	200	SHRINKABLE HOSE BLACK	
330	90287-0070	-		3	SCREW MLC6S M6X23	
610	312101-0457	-		1	SCREW M6S M8X35 FZB	
620	312101-0453	-		4	SCREW M6S M8X25 FZB	
630	312111-0366	-		4	SCREW HEX.SOCK.HD.MC6S-TT 6X12 88 FZB	
660	315701-0265	-		1	PARALLEL KEY W. ROUND ENDS 8X7X25 MM	
670	315701-0268	-		1	PARALLEL KEY W. ROUND ENDS 8X7X32 MM	
680	315701-0270	-		1	PARALLEL KEY W. ROUND ENDS 8X7X40 MM	
710	315752-0133	-		1	RETAINING RING FOR HOLE, 55X2 MM	
800	321308-0206	A		2	BALL BEARING, 30X55X13 MM	
810	90457-0165	A		2	ANG. BALL BEAR, 30X72X30,2	
Y 4100	90355-0149	A		1	ELECTROMAGNETIC CLUTCH, 30 MM/24 VDC	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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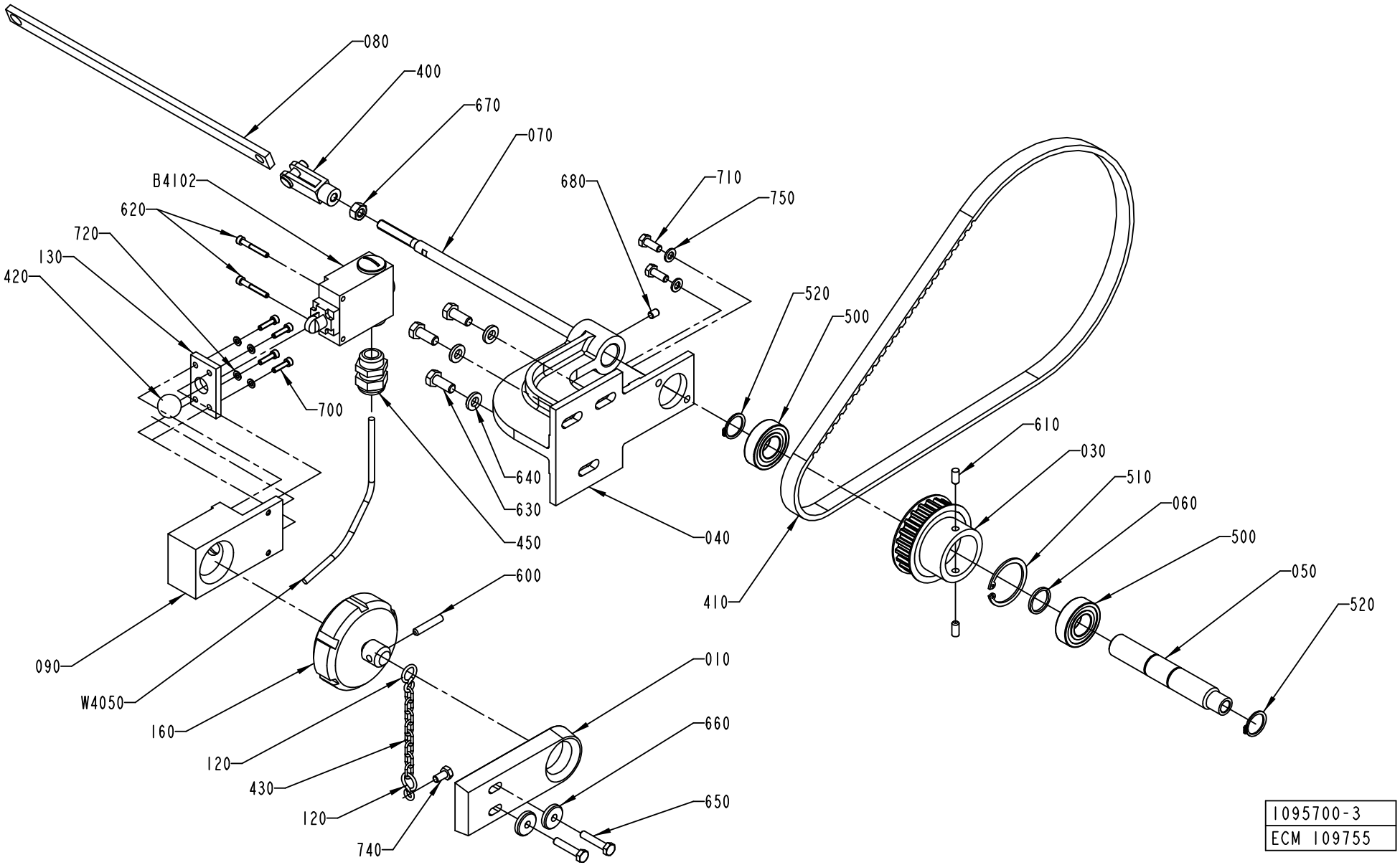
1095683-3
ECN 73498

ECM: 90961 - 20001216
Group number: 1095683-0400
Assembly Drawing: 1095683-3_2_AA

This list covers pages from 438 to 441

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1523074-0000	A		1	TOOTHED PULLY	
020	1519106-0000	A		1	TOOTHED PULLY	
030	1519103-0000	-		1	FASTENING PLATE	
050	1035921-0000	-		1	WASHER	
060	1519105-0000	A		1	SHAFT	
080	1035922-0000	-		1	WASHER	
090	1512125-0000	-		1	SPACER RING	
100	1035925-0000	-		1	SPACER RING	
110	1511690-0000	B		1	LACE	
120	1041956-0000	-		1	SPACER	
130	1523088-0000	-		1	SLEEVE	
150	1519104-0000	-		1	SPACER	
160	315410-0106	-		1	LOCK WASHER MB 6 D=30 H=1,25	
170	312805-0106	-		1	NUT ROUND WITH SLOTS M30X1,5 FE	
180	1519107-0000	-		1	SPACER RING	
310	90110-0235	A		1	CABLE CONTACT, PX0739/S	
320	90166-0171	-	MM	200	SHRINKABLE HOSE BLACK	
330	90287-0070	-		3	SCREW MLC6S M6X23	
610	312101-0457	-		1	SCREW M6S M8X35 FZB	
620	312101-0453	-		4	SCREW M6S M8X25 FZB	
630	312111-0366	-		4	SCREW HEX.SOCK.HD.MC6S-TT 6X12 88 FZB	
660	315701-0265	-		1	PARALLEL KEY W. ROUND ENDS 8X7X25 MM	
670	315701-0268	-		1	PARALLEL KEY W. ROUND ENDS 8X7X32 MM	
680	315701-0270	-		1	PARALLEL KEY W. ROUND ENDS 8X7X40 MM	
710	315752-0133	-		1	RETAINING RING FOR HOLE, 55X2 MM	
800	321308-0206	A		2	BALL BEARING, 30X55X13 MM	
810	90457-0165	A		2	ANG. BALL BEAR, 30X72X30,2	
Y 4100	90355-0149	A		1	ELECTROMAGNETIC CLUTCH, 30 MM/24 VDC	

Pos	Part No	SP	UN	Qty	Description	Page No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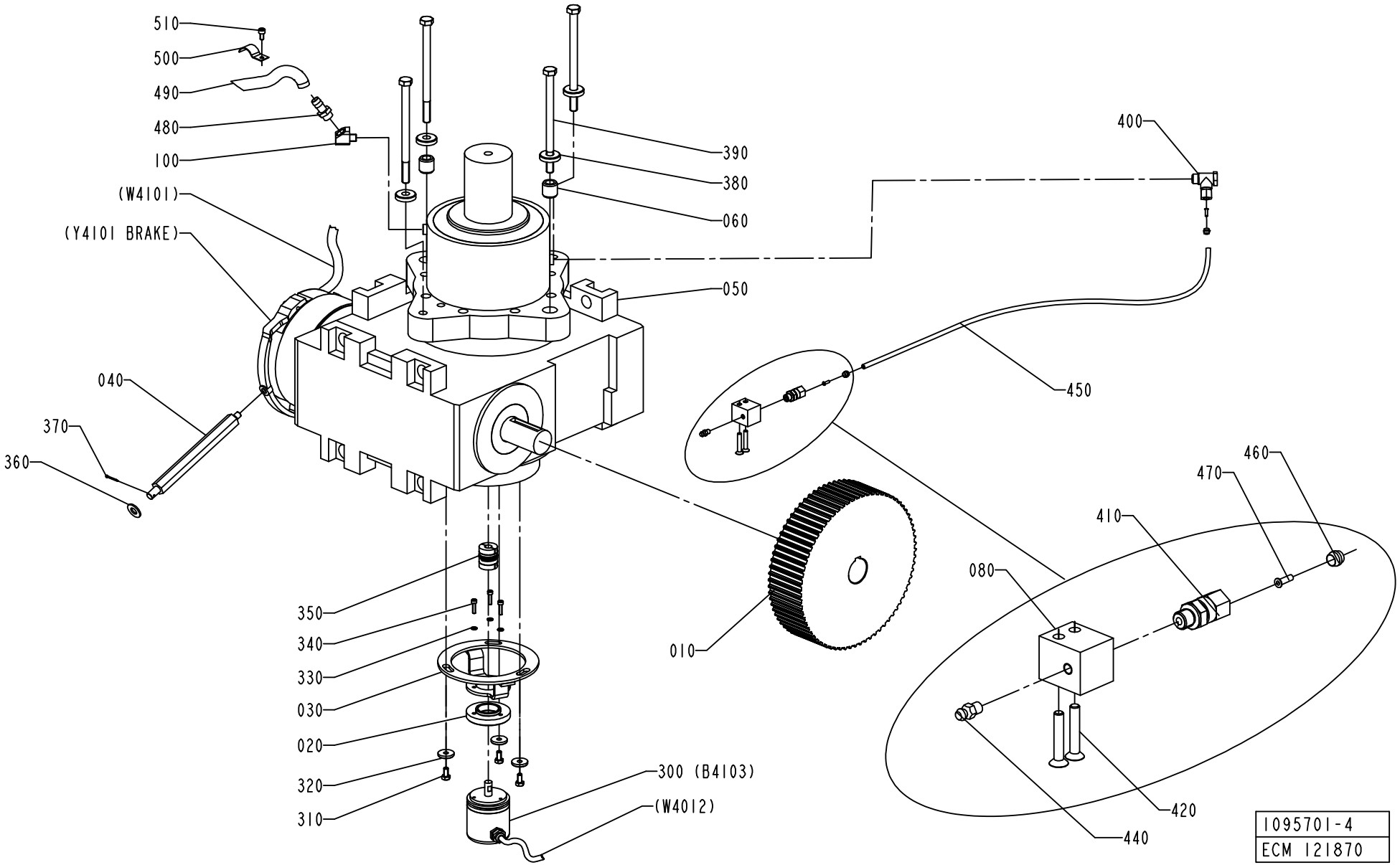
1095700-3
ECM 109755

ECM: 109768 - 20020628
Group number: 1095700-0300
Assembly Drawing: 1095700-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1129010-0000	-		1	HOLDER	
030	1129018-0000	B		1	TOOTHED PULLY	
040	1255428-0000	-		1	BRACKET	
050	1129017-0000	-		1	SHAFT	
060	1129015-0000	-		1	SPACER RING	
070	1129012-0000	-		1	PIN	
080	2500514-0000	-		1	ADAPTER	
090	1255429-0000	-		1	HOLDER	
120	209183-0000	-		2	RING	
130	1129258-0000	-		1	HOLDER	
160	1255507-0000	-		1	LID	
400	90254-0010	-		1	LINK	
410	90459-0793	A		1	TIMING BELT AT10 1020X16 MM	
420	90090-0012	-		1	BALL, D=12 MM	
430	90155-0008	-	MM	130	HANGER CHAIN, 18	
450	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
500	321308-0204	-		2	BALL BEARING, 20X42X12 MM	
510	90141-0020	-		1	RETAIN. RING, 42	
520	315751-0116	-		2	RETAIN. RING, 20	
600	311103-0358	-		1	PARALLELL PIN ISO2338 6X32 A1	
610	311103-0350	-		2	PARALLELL PIN ISO2338 6X14 A1	
620	312115-0299	-		2	SCREW ISO4762 M4X30 A4	
630	312105-0451	-		3	SCREW M6S ISO 4017 M8X20 A480	
640	315115-0165	-		3	WASHER PLAIN, TBRB 8,4/16 H=3	
650	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
660	315125-0153	-		2	WASHER TBRSB 6,4X22X4 A4	
670	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
680	312318-0362	-		1	SCREW ISO4029 M6X8 A4	
700	312115-0293	-		4	SCREW ISO4762 M4X16 A4	
710	312105-0368	-		2	SCREW M6S M6X16 A280	
720	315105-0136	-		4	WASHER BRB4,3XRFR	
740	312105-0366	-		1	SCREW M6S M6X12 A280	
750	315105-0153	-		2	WASHER BRB6,4X12RFR	
B 4102	90044-0170	A		1	LIMIT SW. GLEB01C	
W 4050	351150-0405	-	M	3	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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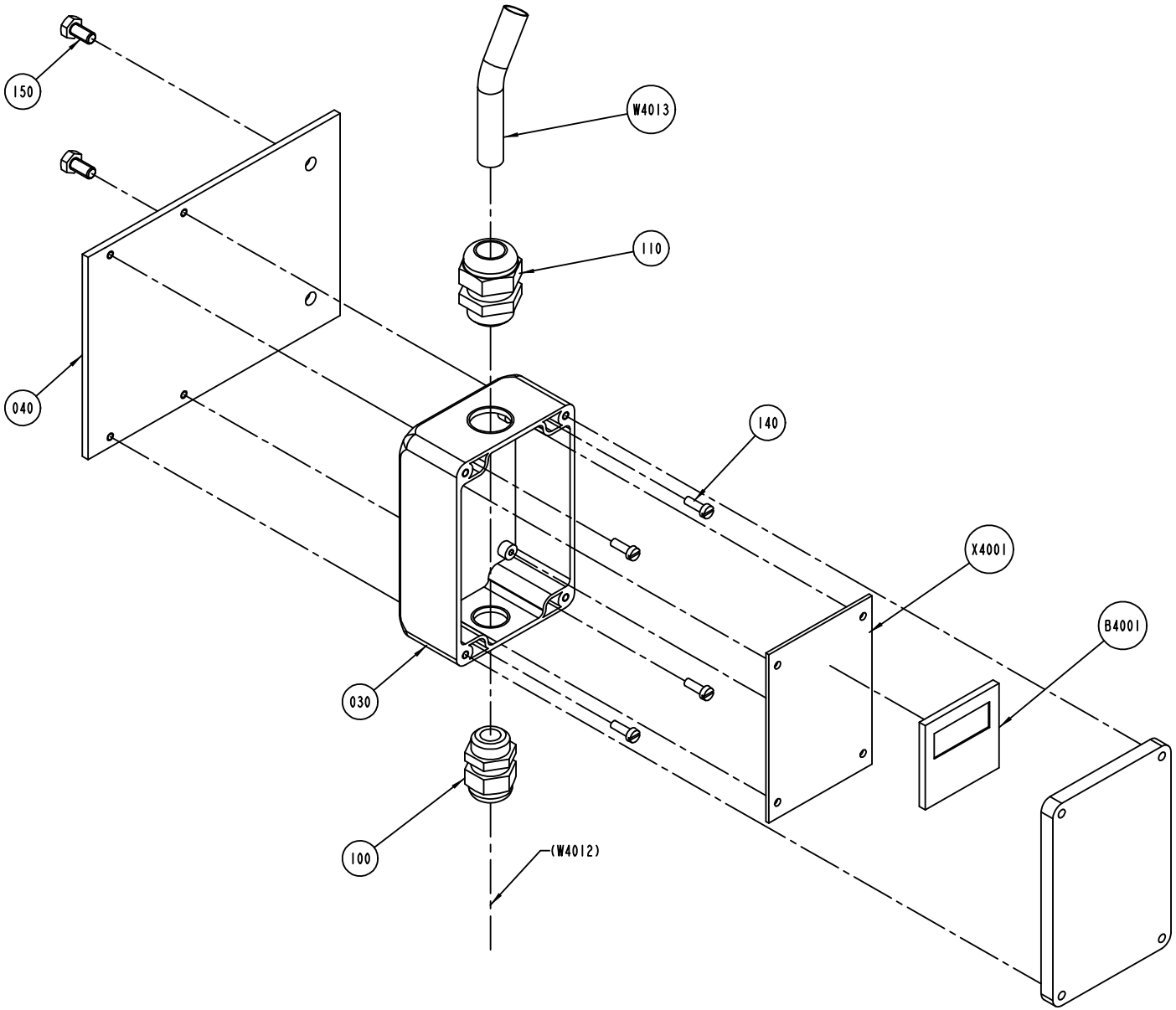
500
490
480
100
(W4101)
(Y4101 BRAKE)
040
370
360
390
380
060
050
400
450
460
470
410
080
420
440
010
350
340
330
030
020
320
310
300 (B4103)
(W4012)
1095701-4
ECM 121870

ECM: 126482 - 20030209
Group number: 1095701-0400
Assembly Drawing: 1095701-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2544304-0000	A		1	PULLEY	
020	1523085-0000	-		1	SPACER	
030	1519099-0000	-		1	BRACKET	
040	2500515-0000	-		1	PIN	
050	90459-0735	A		1	WORM GEAR 9 1993 14	
	90459-0745	*A*		*1*	*RADIAL SEAL 85X150X12 MM*	
	90459-0744	*A*		*1*	*RADIAL SEAL 65X100X10 MM*	
	90459-0743	*A*		*1*	*RADIAL SEAL 40X90X10 MM*	
	90459-0741	*A*		*1*	*RADIAL SEAL 35X72X7 MM*	
	90432-0021	*-*		*1*	*SPRING LOADED BRAKE, 24 VDC*	
	90056-0520	*-*		*1*	*DUST COVER*	
060	1129183-0000	-		2	SLEEVE	
080	2556887-0000	-		1	BLOCK	
100	2596619-0000	-		1	CONNECTION	
300	90061-0027	A		1	ANGLE ENCODER 670900035	
310	312105-0366	-		3	SCREW M6S M6X12 A280	
320	315125-0153	-		3	WASHER TBRSB 6,4X22X4 A4	
330	315105-0136	-		3	WASHER BRB4,3XRFR	
340	312115-0293	-		3	SCREW ISO4762 M4X16 A4	
350	90457-0173	A		1	TORQUE RIGID COUPLING, 10X10 MM	
360	315105-0173	-		1	WASHER BRB10,5X22RFR	
370	311401-0166	-		1	SPLIT PIN SP2,5X18FZB	
380	315125-0173	-		4	WASHER TBRSB 10,5X28X6 A4	
390	312105-0519	-		4	SCREW M6S M10X150 A280	
400	342793-0104	-		1	CONN. BANJO,WH 8-G1/8	
410	90030-0184	-		1	CONN. STR. GA-6-G1/8	
420	312155-0335	-		2	SCREW EN 10642 MF6S M5X30 A480	
440	344502-0021	-		1	GREASE NIPPLE STRAIGHT M6	
450	90166-0108	-	MM	1000	TUBE 6 MM PA,TRANSP.	
460	90028-0022	-		2	CONE TUBE 6 MM	
470	90134-0030	-		2	SLEEVE FOR PLASTIC TUBE	
480	90163-0052	-		1	HOSE NIPPLE, EXT.THR. 1/4-12 MM	
490	90166-0113	-	MM	300	HOSE	
500	90074-0011	-		1	CABLE CLIPS, D=14 MM	
510	312115-0325	-		1	SCREW ISO4762 M5X10 A4	

Pos	Part No	SP	UN	Qty	Description	Page No

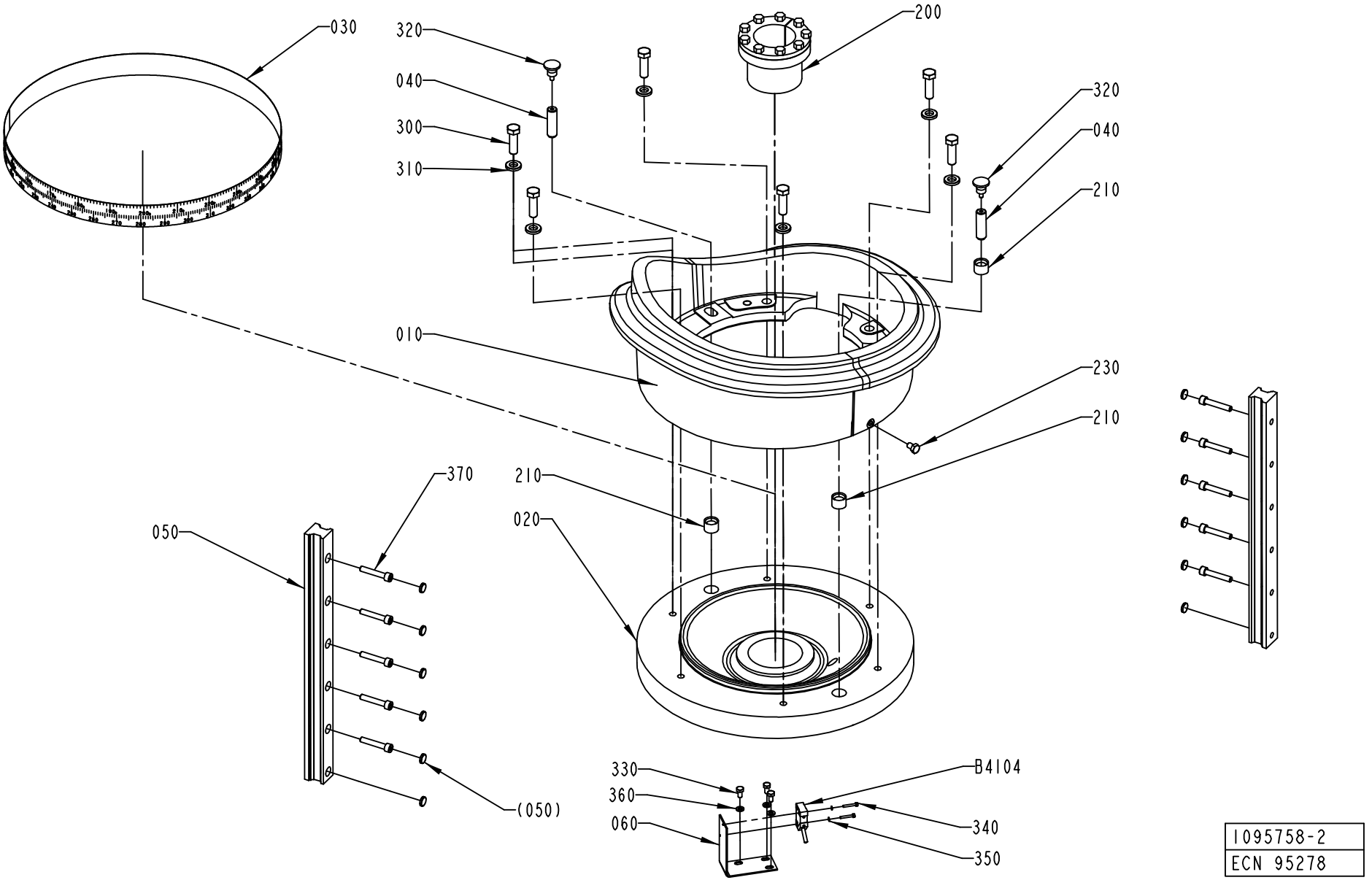


S-1095702-I
ECN 72656

ECM: 109769 - 20020628
Group number: 1095702-0100
Assembly Drawing: 1095702-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
030	751631-0000	-		1	CONNECTION BOX	
040	1129219-0000	-		1	BRACKET	
100	352103-0106	-		1	CABLE GLAND, ST 11, PR18,6/PG11	
110	352103-0111	-		1	CABLE GLAND, ST 16, PR22,5/PG16	
140	312125-0291	-		4	SCREW PAN HEAD MCS M4X12 SS	
150	312105-0366	-		2	SCREW M6S M6X12 A280	
B4001	1347050-0101	B		1	ANGLE ENCODER DISPLAY	
100	*1347049-0000*	*-*		*1*	*PRINTED CIRCUIT BOARD*	
W 4013	351150-0407	-	MM	2500	CABLE OLFLEX 12X0,75 MM2 LIGHT/GREY	
X 4001	451423-0000	B		1	CIRCUIT BOARD	

Pos	Part No	SP	UN	Qty	Description	Page No

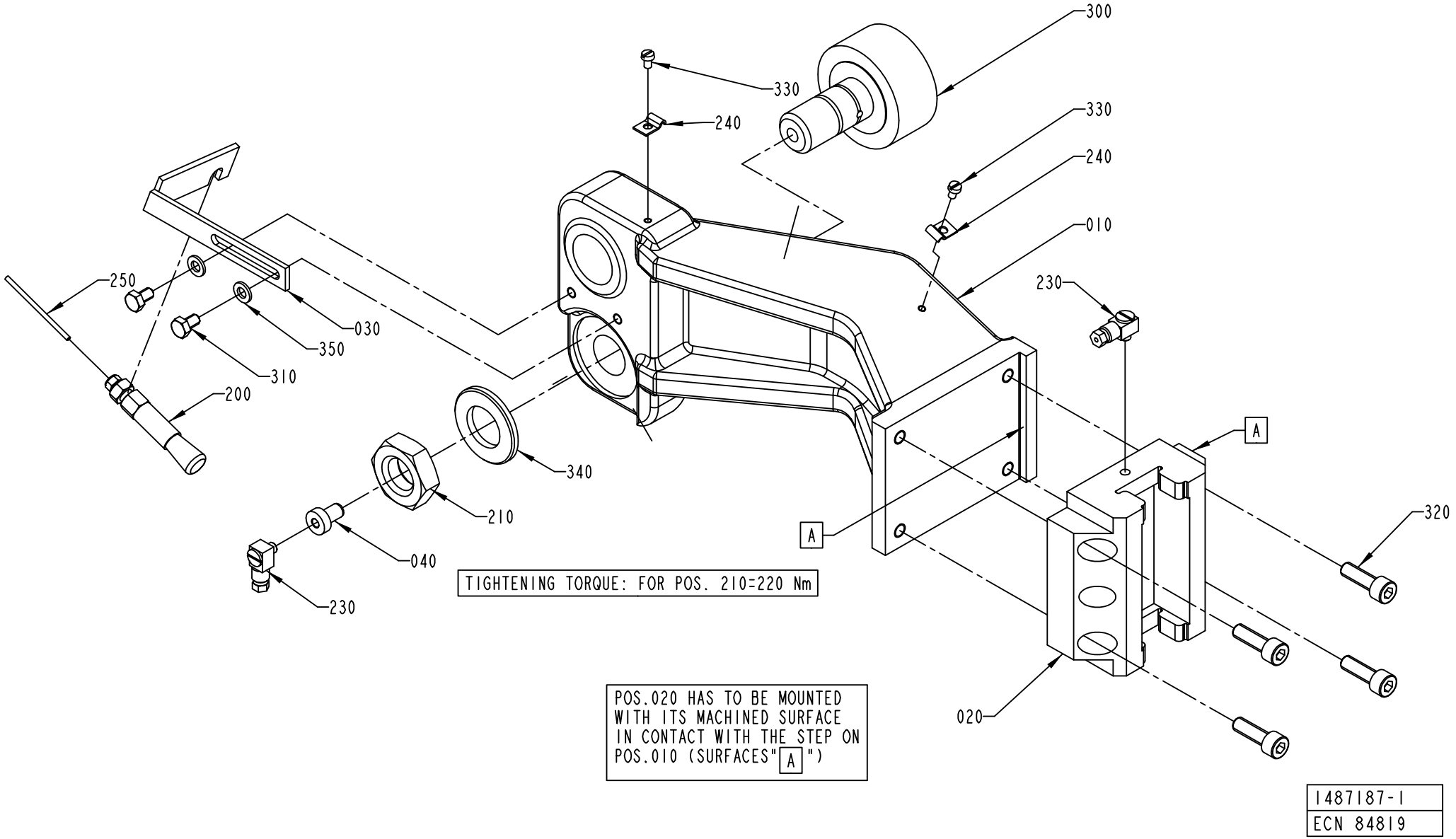


1095758-2
ECN 95278

ECM: 119224 - 20021217
Group number: 1095758-0300
Assembly Drawing: 1095758-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B						
010	1349965-0000	A		1	CURVE	
TBA 0200S						
010	1349963-0000	A		1	CURVE	
TBA 0250B						
010	1519991-0000	A		1	CURVE	
TBA 0250S						
010	2547683-0000	A		1	CURVE	
TBA 0330S						
010	2544994-0000	A		1	CURVE	
TBA 0500B						
010	1539866-0000	A		1	CURVE	
TBA 0500S						
010	1511068-0000	A		1	CURVE	
TBA 1000B						
010	1255175-0000	A		1	CURVE	
TBA 1000S						
010	1260689-0000	A		1	CURVE	
TBA 1000SQ						
010	1487620-0000	A		1	CURVE	
TBA 1500S						
010	1348092-0000	A		1	CURVE	
TPA 0250SQ						
010	1549599-0000	A		1	CURVE	
TPA 0330SQ						
010	1538646-0000	A		1	CURVE	
TPA 0500SQ						
010	1549840-0000	A		1	CURVE	
TPA 1000S						
010	1519091-0000	A		1	MAIN CAM	
TPA 1000SQ						
010	1524371-0000	A		1	CURVE	
Common Parts						
020	1041907-0000	-		1	PLATE (CIRCULAR)	
030	1346392-0000	-		1	DIAL	
040	1036062-0000	-		2	GUIDE PIN	
050	1041928-0000	-		2	RAIL	
060	1129261-0000	-		1	BRACKET	
200	90208-0114	A		1	CONE CLAMP. ELEMENT 65/84, L=55	
210	90240-0282	A		3	BEARING BUSHING W/O FL, 15X22X16 MM	
230	312105-0447	-		1	SCREW M6S ISO 4017 M8X12 A480	
300	312101-0540	-		6	SCREW M6S M12X40 FZB	
310	315111-0178	-		6	WASHER PLAIN, TBRB 13/24 H=4	
320	318871-0104	-		2	KNOB CIRCULAR, EXT THREAD, NO. 8302-6118	
330	312105-0366	-		3	SCREW M6S M6X12 A280	
340	312115-0230	-		2	SCREW ISO4762 M3X20 A4	
350	315105-0124	-		2	WASHER BRB3,2X6RFR	
360	315105-0153	-		3	WASHER BRB6,4X12RFR	
370	312115-0460	-		10	SCREW ISO4762 M8X45 A4	
400	92296-0002	-		1	LUBRICATING SUBSTANCE	
B4104	90044-0194	A		1	PROX.SW. IN5329/IN3002-BPKG	

Machine Type | Group Description | Used-In | Group Number | Page No


300
330
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010
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A
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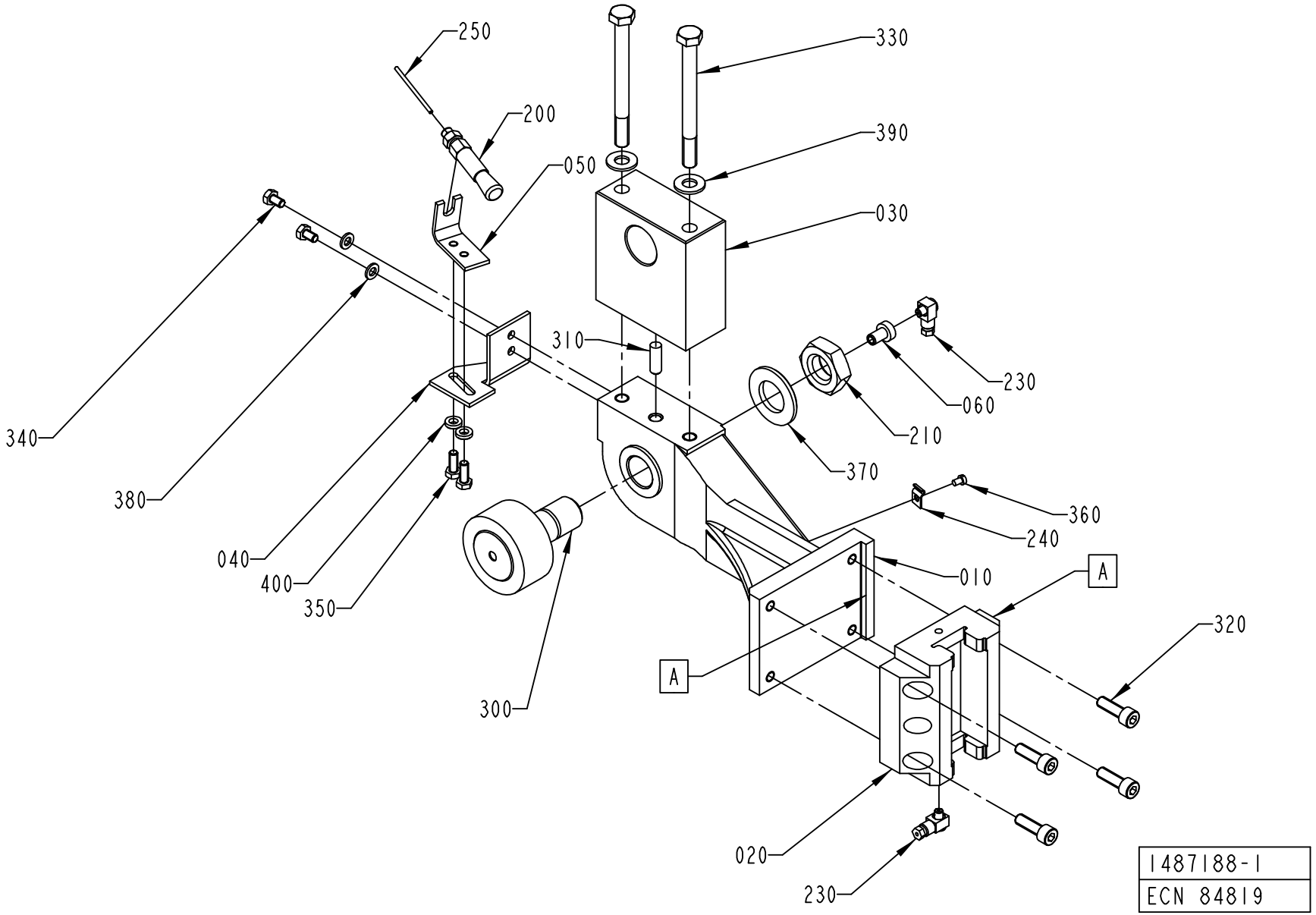
020
TIGHTENING TORQUE: FOR POS. 210=220 Nm
POS.020 HAS TO BE MOUNTED WITH ITS MACHINED SURFACE IN CONTACT WITH THE STEP ON POS.010 (SURFACES"A")
1487187-1
ECN 84819

ECM: 109873 - 20020628
Group number: 1487187-0100
Assembly Drawing: 1487187-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1539987-0000	A		1	YOKE	
020	90363-0051	A		1	CARRIAGE, 1651-314-10	
030	1036944-0000	-		1	HOLDER	
040	1349157-0000	-		1	CONNECTION	
200	90092-0082	B		1	OIL BRUSH D=2,5MM TUBE D=10	
210	90099-0076	-		1	NUT HEX. M24X1,5, FE	
230	90134-0058	-		2	CONNECTION	
240	90165-0058	-		2	PIPE CLIP FOR TUBE D=25 MM	
250	90166-0143	-	MM	1500	TUBE 2,5 MM PA,TRANSP.	
300	321582-0290	A		1	CAM ROLLER, 24X62X80 MM	
310	312105-0364	-		2	SCREW M6S ISO 4017 M6X10 A480	
320	312115-0453	-		4	SCREW ISO4762 M8X25 A4	
330	312125-0285	-		2	SCREW SLOT.PAN HD. MCS 4X6 A480	
340	315102-0198	-		1	WASHER PLAIN, BRFB 25/45 H=4	
350	315105-0153	-		2	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No


250
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360
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010
A
320
A
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230
1487188-1
ECN 84819

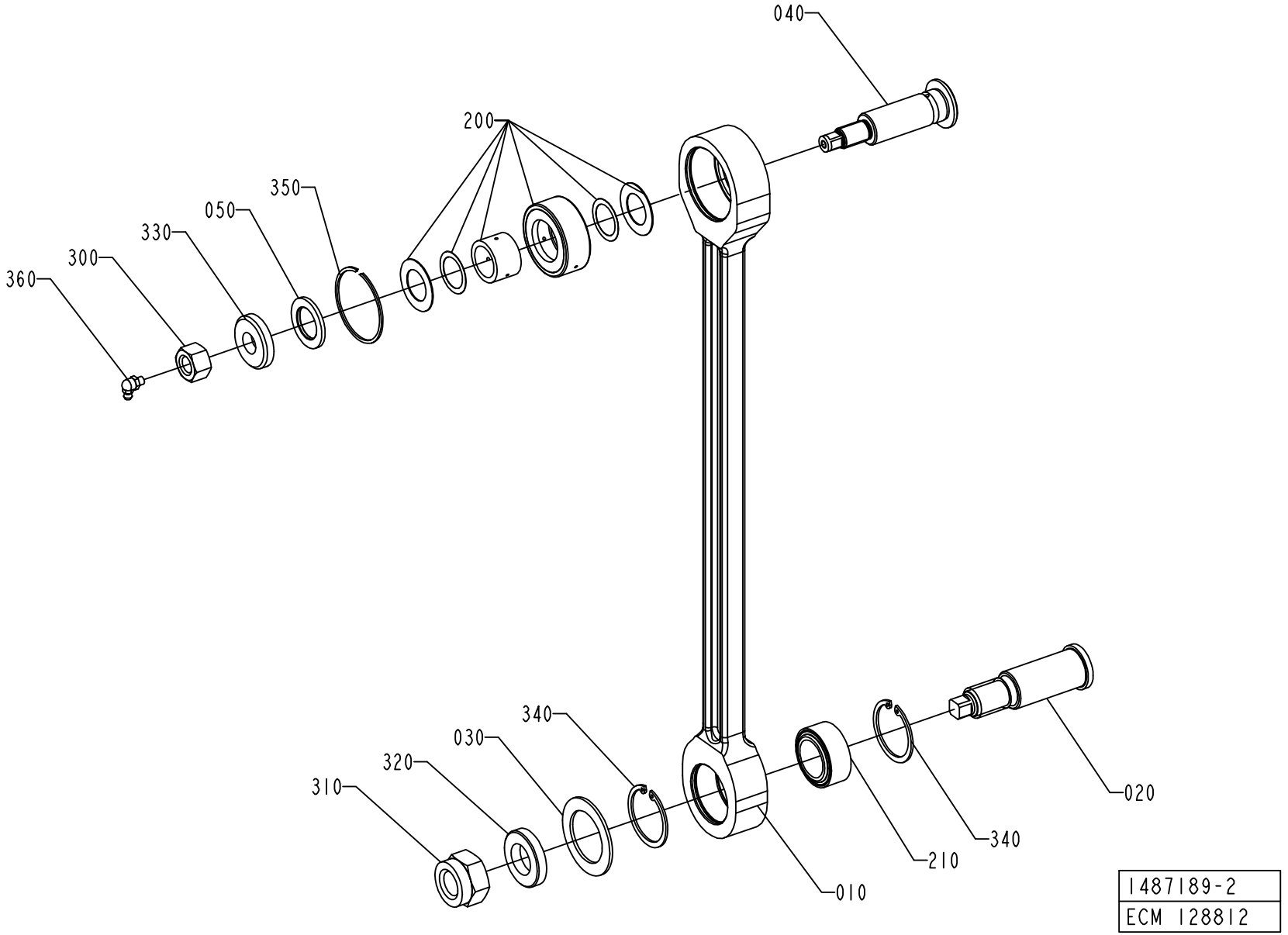
ECM: 109874 - 20020628
Group number: 1487188-0100
Assembly Drawing: 1487188-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1548157-0000	A		1	CARRIAGE	
020	90363-0051	A		1	CARRIAGE, 1651-314-10	
030	1539767-0000	A		1	YOKE	
040	1487225-0000	-		1	BRACKET	
050	1036686-0000	-		1	HOLDER	
060	1349157-0000	-		1	CONNECTION	
200	90092-0082	B		1	OIL BRUSH D=2,5MM TUBE D=10	
210	90099-0076	-		1	NUT HEX. M24X1,5, FE	
230	90134-0058	-		2	CONNECTION	
240	90165-0058	-		1	PIPE CLIP FOR TUBE D=25 MM	
250	90166-0143	-	MM	1500	TUBE 2,5 MM PA,TRANSP.	
300	321582-0290	A		1	CAM ROLLER, 24X62X80 MM	
310	311103-0403	-		1	PARALLELL PIN, M6, 8X25 MM	
320	312115-0453	-		4	SCREW ISO4762 M8X25 A4	
330	312105-0513	-		2	SCREW M6S ISO 4014 M10X110 A480	
340	312105-0364	-		2	SCREW M6S ISO 4017 M6X10 A480	
350	312105-0368	-		2	SCREW M6S M6X16 A280	
360	312125-0285	-		1	SCREW SLOT.PAN HD. MCS 4X6 A480	
370	315102-0198	-		1	WASHER PLAIN, BRFB 25/45 H=4	
380	315105-0153	-		2	WASHER BRB6,4X12RFR	
390	315105-0173	-		2	WASHER BRB10,5X22RFR	
400	315115-0153	-		2	WASHER PLAIN, TBRB 6,4/12 H=3	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

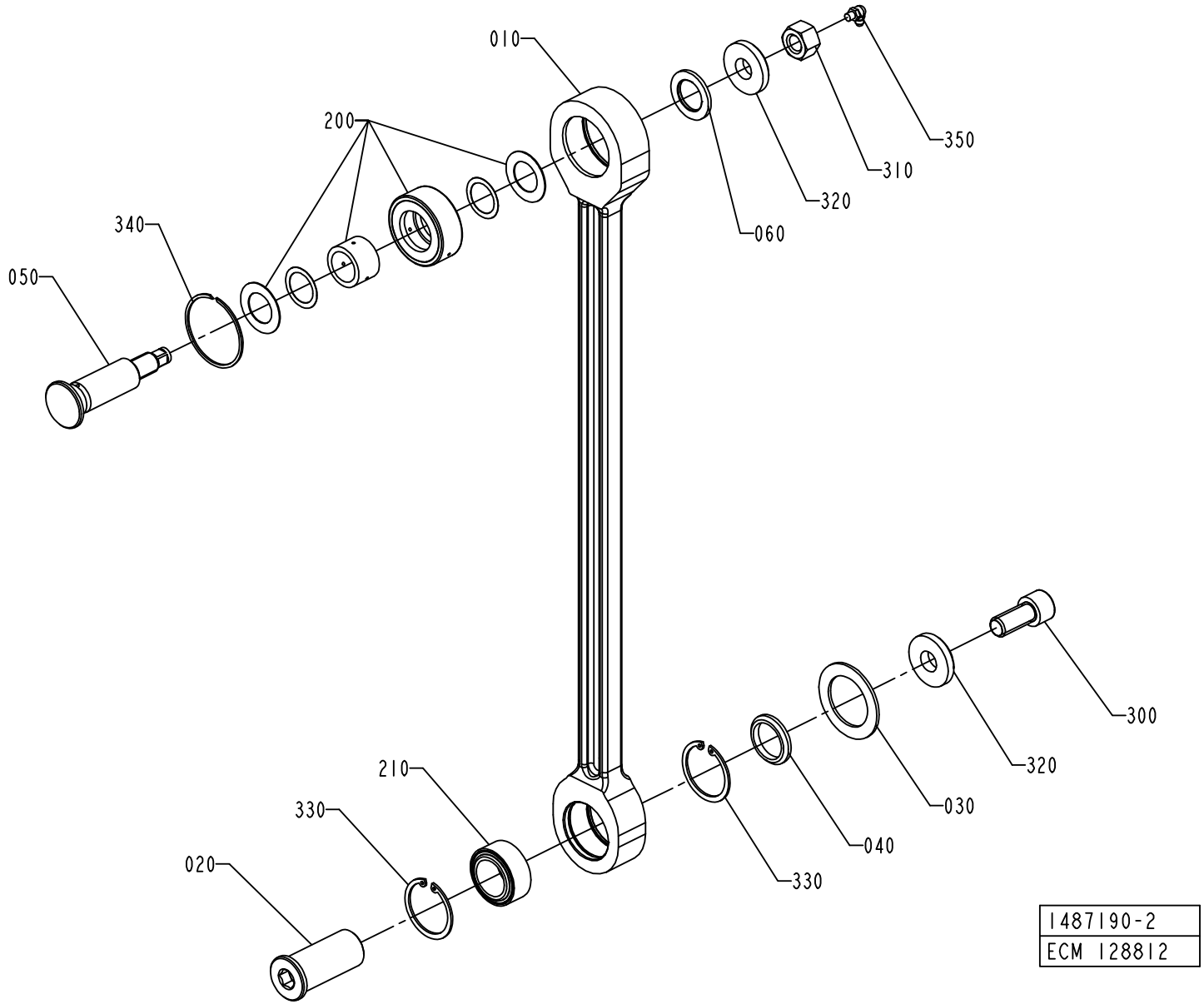
YOKE CONNECTION ROD



ECM: 129471 - 20030411
Group number: 1487189-0200
Assembly Drawing: 1487189-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1523070-0000	A		1	LINK	
020	1035967-0000	A		1	SHAFT	
030	1035982-0000	B		1	WASHER	
040	1519109-0000	A		1	SHAFT	
050	1519108-0000	-		1	RING	
200	90457-0164	A		1	NEEDLE BEARING, 25X58X23,8 MM	
210	90240-0280	A		1	PLAIN BEAR, SELF ADJ. 30X47X22	
300	312601-0324	-		1	NUT M6M 16-8 FZB	
310	312812-0328	-		1	HEXAGON NUT, NY-LOCK M24 SS	
320	315111-0198	-		1	WASHER PLAIN, TBRB 25/45 H=8	
330	315121-0186	-		1	WASHER PLAIN, TBRSB 17/42 H=8	
340	315753-0130	-		2	RETAINING RING FOR HOLE, 47X1,75 MM	
350	315760-0158	-		1	SNAP RING FOR BORE, BR58	
360	344502-0061	-		1	GREASE NIPPLE 90 DEG ANGLE M6	

Pos	Part No	SP	UN	Qty	Description	Page No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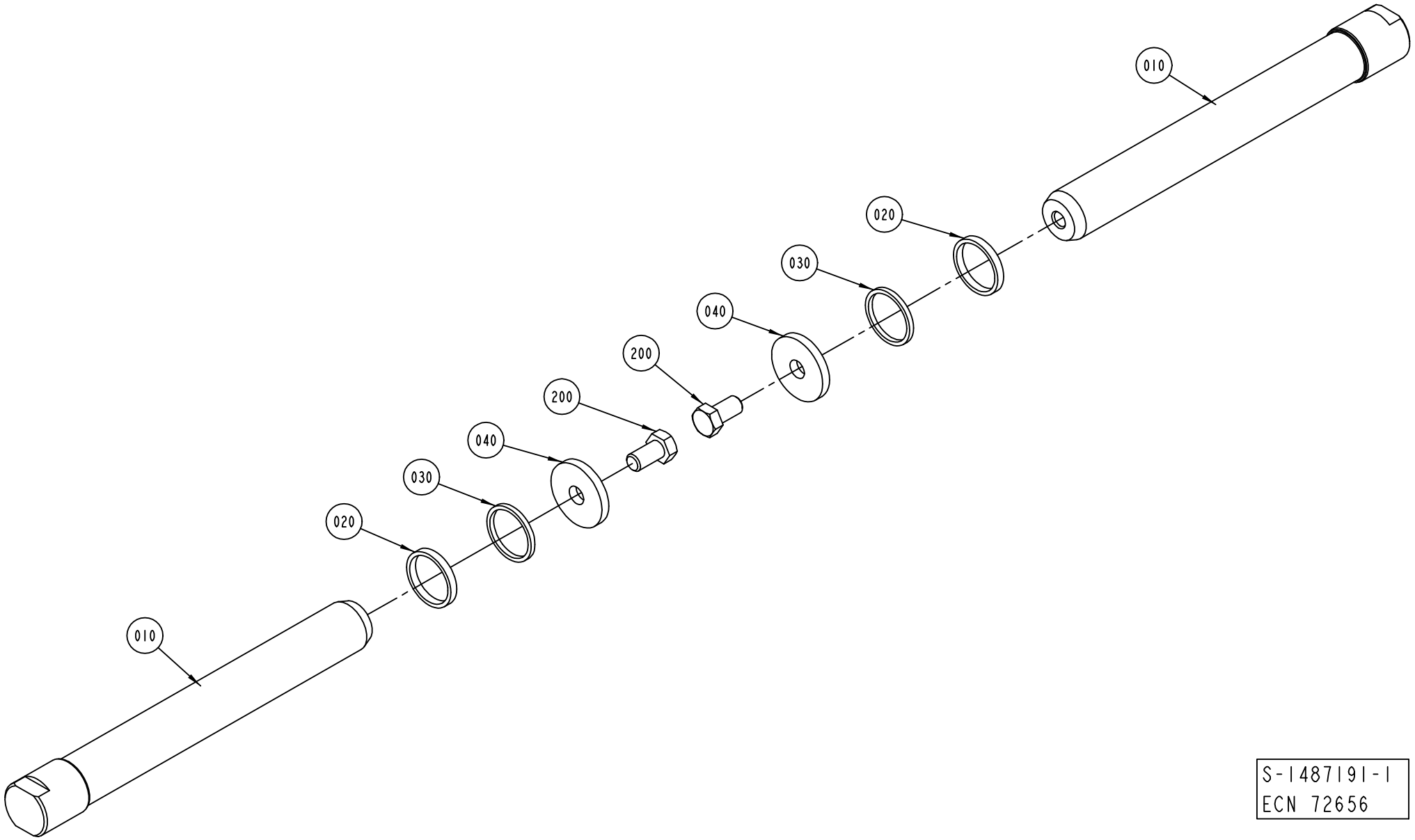
1487190-2
ECM 128812

ECM: 129472 - 20030411
Group number: 1487190-0200
Assembly Drawing: 1487190-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1519110-0000	A		1	LINK	
020	1037845-0000	A		1	SHAFT	
030	1035982-0000	B		1	WASHER	
040	1037843-0000	A		1	RING	
050	1519109-0000	A		1	SHAFT	
060	1519108-0000	-		1	RING	
200	90457-0164	A		1	NEEDLE BEARING, 25X58X23,8 MM	
210	90240-0280	A		1	PLAIN BEAR, SELF ADJ. 30X47X22	
300	312115-0626	-		1	SCREW ISO4762 M16X35 A4	
310	312601-0324	-		1	NUT M6M 16-8 FZB	
320	315121-0186	-		2	WASHER PLAIN, TBRSB 17/42 H=8	
330	315753-0130	-		2	RETAINING RING FOR HOLE, 47X1,75 MM	
340	315760-0158	-		1	SNAP RING FOR BORE, BR58	
350	344502-0061	-		1	GREASE NIPPLE 90 DEG ANGLE M6	

Pos	Part No	SP	UN	Qty	Description	Page No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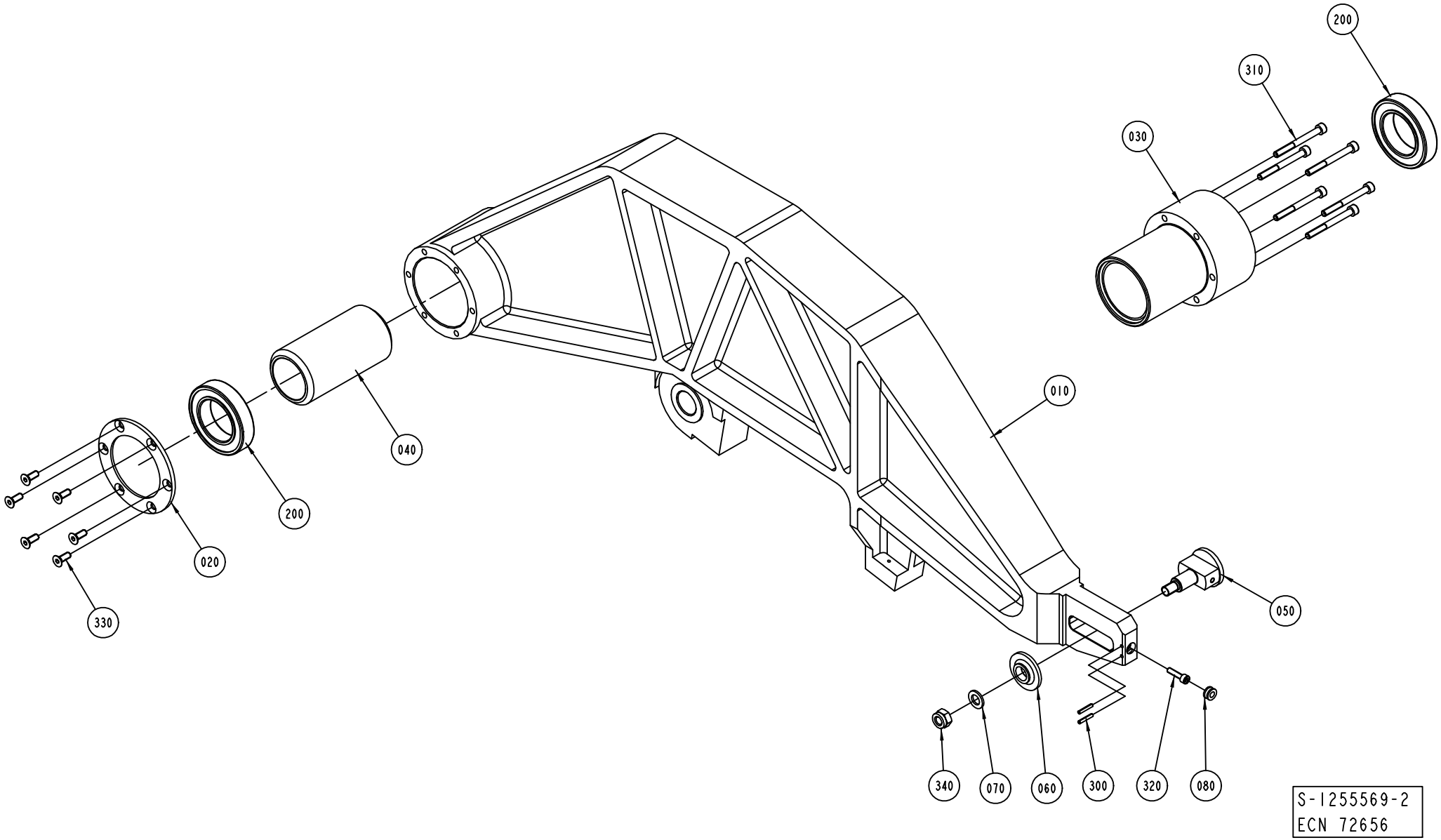
S-1487191-1
ECN 72656

ECM: 72124 - 19990322
Group number: 1487191-0100
Assembly Drawing: 1487191-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1038441-0000	-		2	SHAFT	
020	1037893-0000	-		2	SPACER	
030	1038436-0000	-		2	SPACER	
040	1035990-0000	-		2	WASHER	
200	312101-0624	-		2	SCREW M6S M16X30 FZB	

Pos	Part No	SP	UN	Qty	Description	Page No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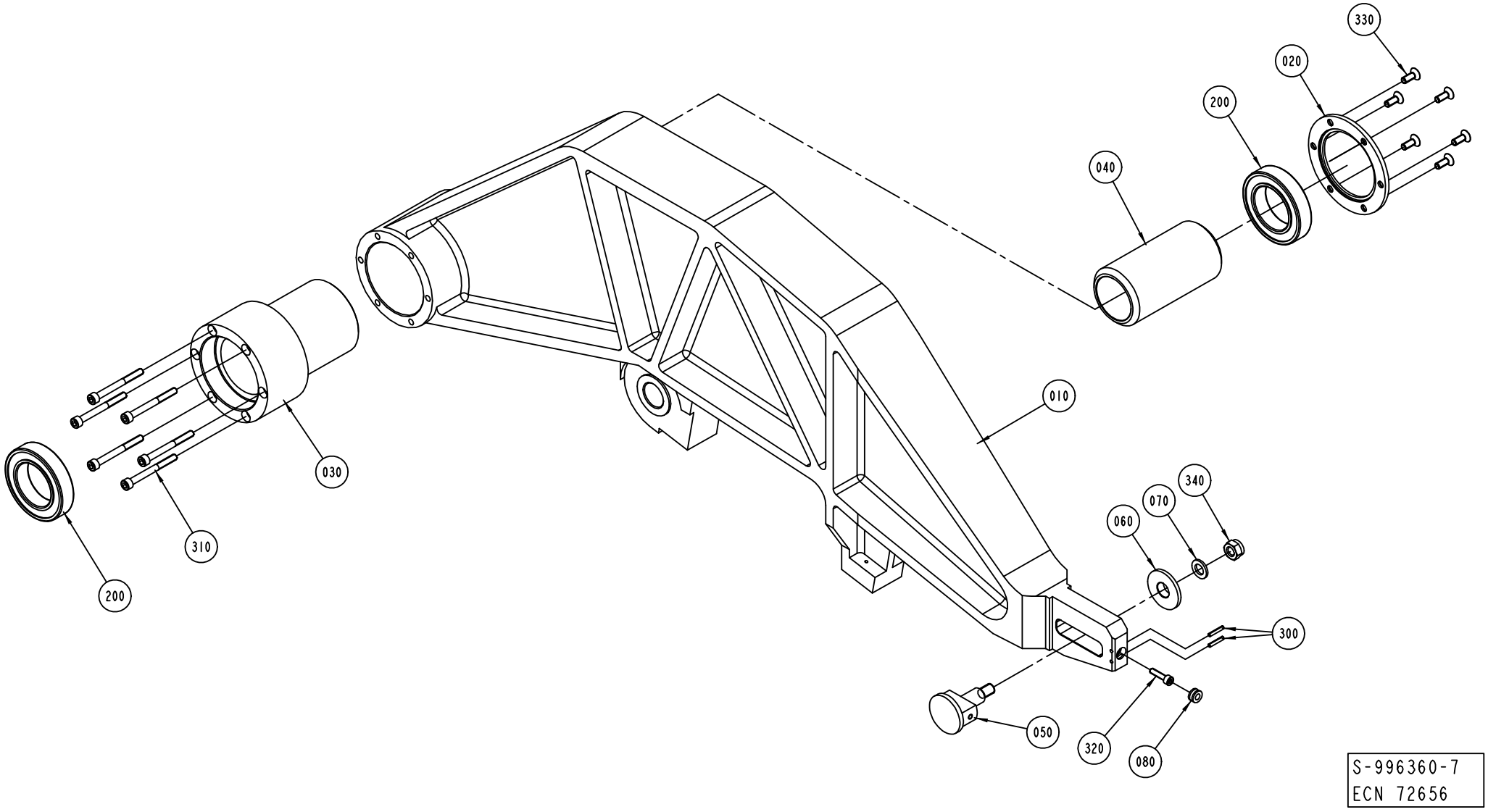
S-1255569-2
ECN 72656

ECM: 109875 - 20020628
Group number: 1255569-0300
Assembly Drawing: 1255569-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1041915-0000	A		1	ARM	
020	1038439-0000	-		1	LID	
030	1041942-0000	-		1	SPACER	
040	1038467-0000	-		1	SPACER	
050	1038493-0000	A		1	AXLE PIN	
060	1038496-0000	-		1	WASHER	
070	1038495-0000	-		1	WASHER	
080	1038494-0000	-		1	PLUG	
200	90214-0192	A		2	BALL BEARING SOLID OIL 45X75X16 MM	
300	311112-0209	-		2	SPRING PIN, ISO 8752 3X18-C	
310	312111-0382	-		6	SCREW HEX.SOCK.HD.MC6S-TT 6X60 88 FZB	
320	312115-0331	-		1	SCREW ISO4762 M5X20 A4	
330	312151-0368	-		6	SCREW HEX.SOCK.COUNT.MF6S 6X16 FZB	
340	312812-0320	-		1	HEXAGON NUT, NY-LOCK M10 A480	

Pos	Part No	SP	UN	Qty	Description	Page No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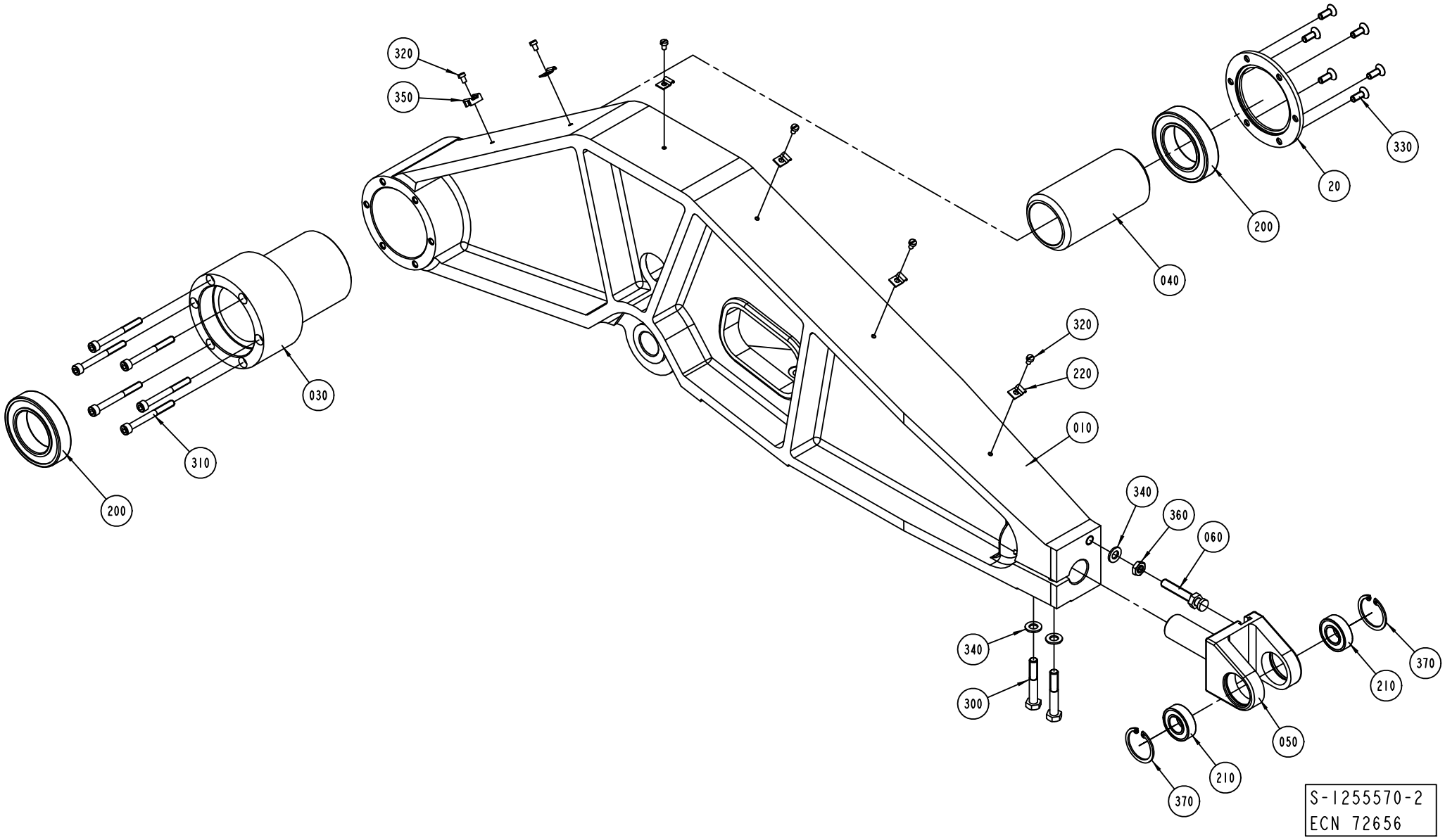
S-996360-7
ECN 72656

ECM: 109876 - 20020628
Group number: 996360-0500
Assembly Drawing: 996360-7_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1041915-0000	A		1	ARM	
020	1038439-0000	-		1	LID	
030	1041942-0000	-		1	SPACER	
040	1038467-0000	-		1	SPACER	
050	1038493-0000	A		1	AXLE PIN	
060	1038496-0000	-		1	WASHER	
070	1038495-0000	-		1	WASHER	
080	1038494-0000	-		1	PLUG	
200	90214-0192	A		2	BALL BEARING SOLID OIL 45X75X16 MM	
300	311112-0209	-		2	SPRING PIN, ISO 8752 3X18-C	
310	312111-0382	-		6	SCREW HEX.SOCK.HD.MC6S-TT 6X60 88 FZB	
320	312115-0331	-		1	SCREW ISO4762 M5X20 A4	
330	312151-0368	-		6	SCREW HEX.SOCK.COUNT.MF6S 6X16 FZB	
340	312812-0320	-		1	HEXAGON NUT, NY-LOCK M10 A480	

Pos	Part No	SP	UN	Qty	Description	Page No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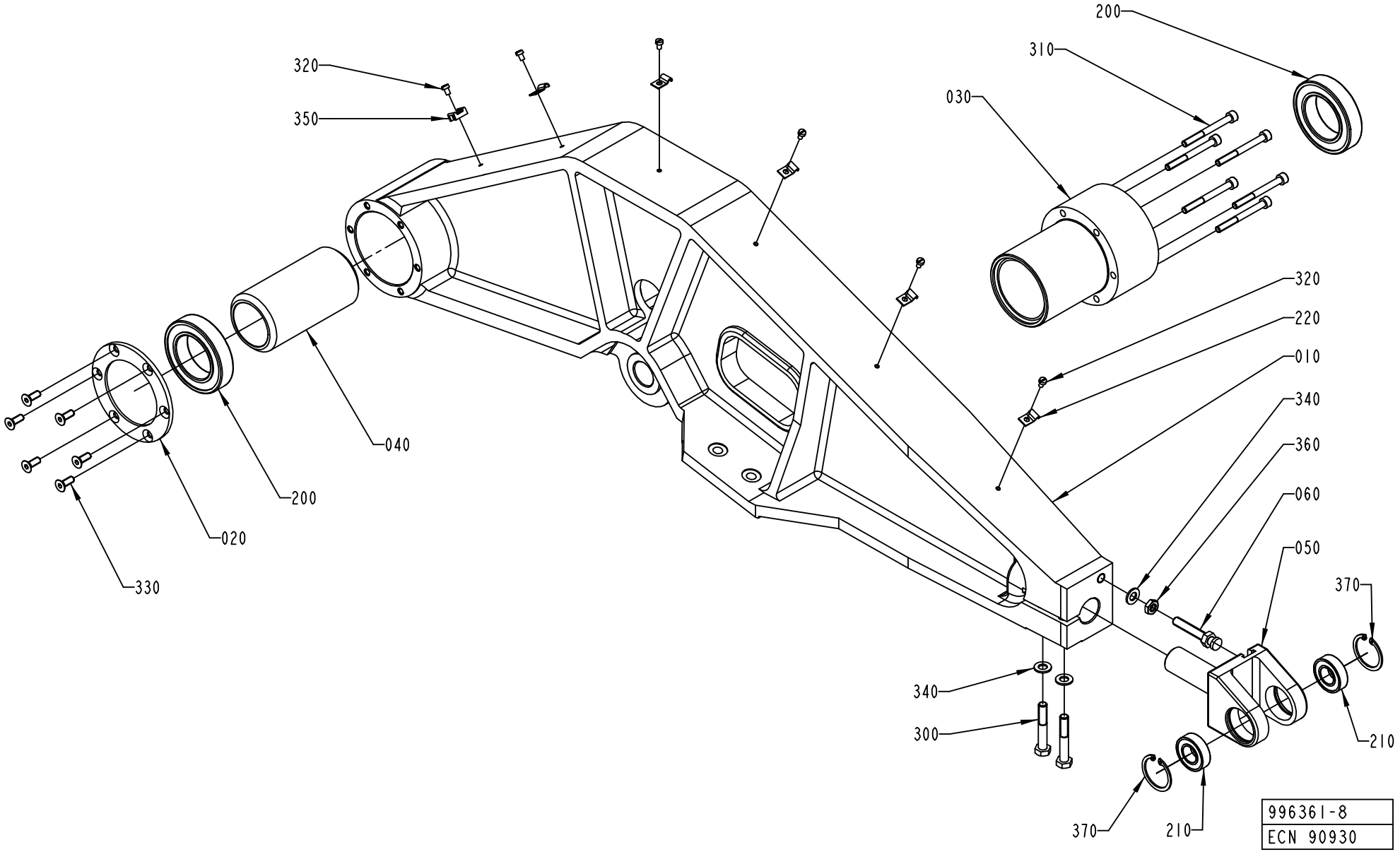
370
S-1255570-2
ECN 72656

ECM: 90982 - 20001216
Group number: 1255570-0200
Assembly Drawing: 1255570-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1349088-0000	A		1	MAINARM LEFT	
020	1038439-0000	-		1	LID	
030	1041942-0000	-		1	SPACER	
040	1038467-0000	-		1	SPACER	
050	1038497-0000	-		1	FORK HEAD	
060	1038491-0000	A		1	SCREW	
200	90214-0192	A		2	BALL BEARING SOLID OIL 45X75X16 MM	
210	90214-0191	A		2	BALL BEARING, 17X35X10 MM	
220	90165-0056	-		5	PIPE CLIP FOR TUBE D=4 MM	
300	312101-0461	-		2	SCREW M6S M8X50 FZB	
310	312111-0382	-		6	SCREW HEX.SOCK.HD.MC6S-TT 6X60 88 FZB	
320	312125-0285	-		6	SCREW SLOT.PAN HD. MCS 4X6 A480	
330	312151-0368	-		6	SCREW HEX.SOCK.COUNT.MF6S 6X16 FZB	
340	315101-0165	-		3	WASHER PLAIN, BRB, 8,4/16 H=1,5	
350	352113-0205	-		1	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
360	312625-0318	-		1	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
370	315753-0124	-		2	RETAIN. RING, 35	

Pos	Part No	SP	UN	Qty	Description	Page No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220
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370
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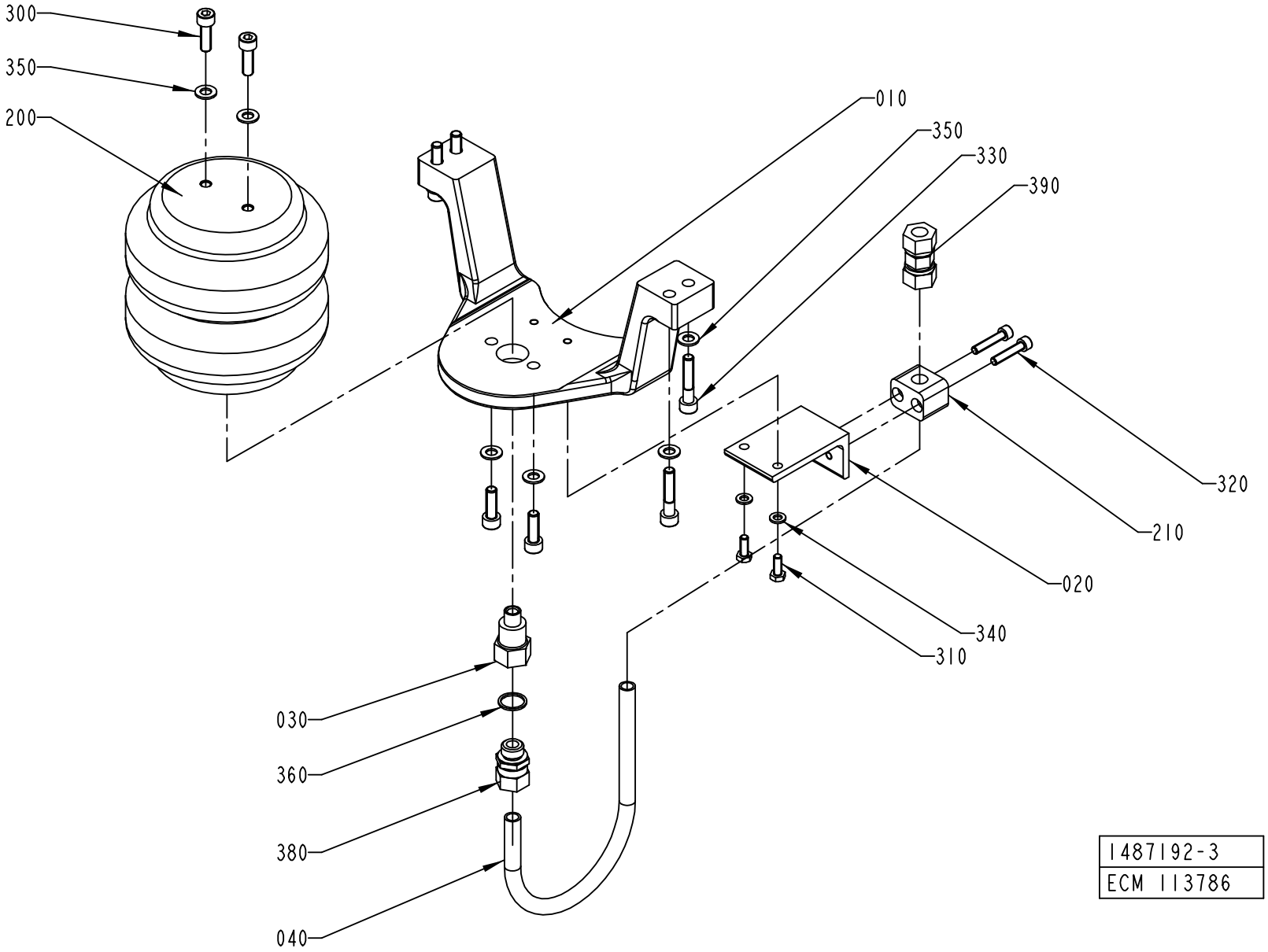
370
210
210
996361-8
ECN 90930

ECM: 90981 - 20001216
Group number: 996361-0500
Assembly Drawing: 996361-8_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1349089-0000	A		1	MAINARM RIGHT	
020	1038439-0000	-		1	LID	
030	1041942-0000	-		1	SPACER	
040	1038467-0000	-		1	SPACER	
050	1038497-0000	-		1	FORK HEAD	
060	1038491-0000	A		1	SCREW	
200	90214-0192	A		2	BALL BEARING SOLID OIL 45X75X16 MM	
210	90214-0191	A		2	BALL BEARING, 17X35X10 MM	
220	90165-0056	-		5	PIPE CLIP FOR TUBE D=4 MM	
300	312101-0461	-		2	SCREW M6S M8X50 FZB	
310	312111-0382	-		6	SCREW HEX.SOCK.HD.MC6S-TT 6X60 88 FZB	
320	312125-0285	-		6	SCREW SLOT.PAN HD. MCS 4X6 A480	
330	312151-0368	-		6	SCREW HEX.SOCK.COUNT.MF6S 6X16 FZB	
340	315101-0165	-		3	WASHER PLAIN, BRB, 8,4/16 H=1,5	
350	352113-0205	-		1	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
360	312625-0318	-		1	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
370	315753-0124	-		2	RETAIN. RING, 35	

Pos	Part No	SP	UN	Qty	Description	Page No


300
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390
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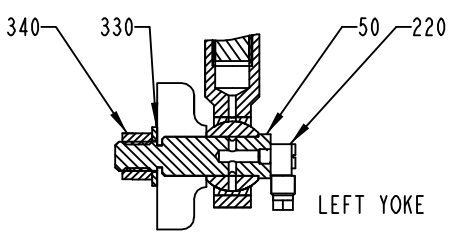
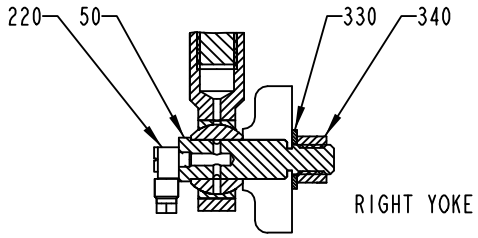
040
1487192-3
ECM 113786

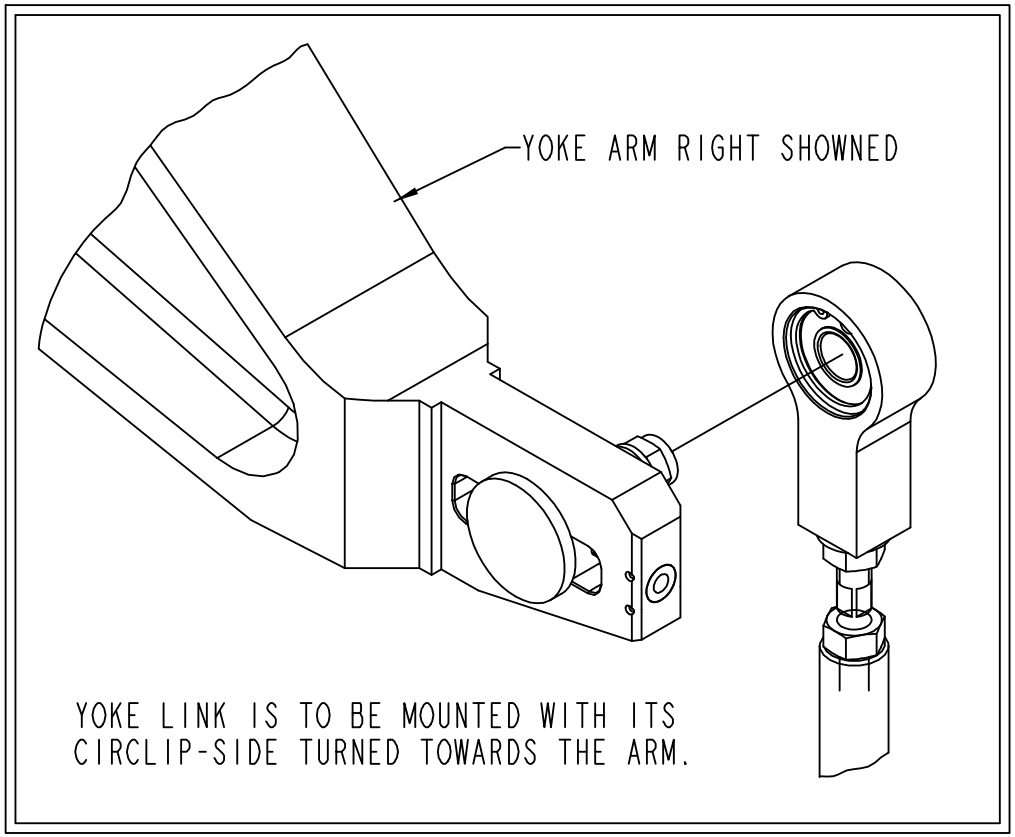
ECM: 113848 - 20021204
Group number: 1487192-0300
Assembly Drawing: 1487192-3_1_AA

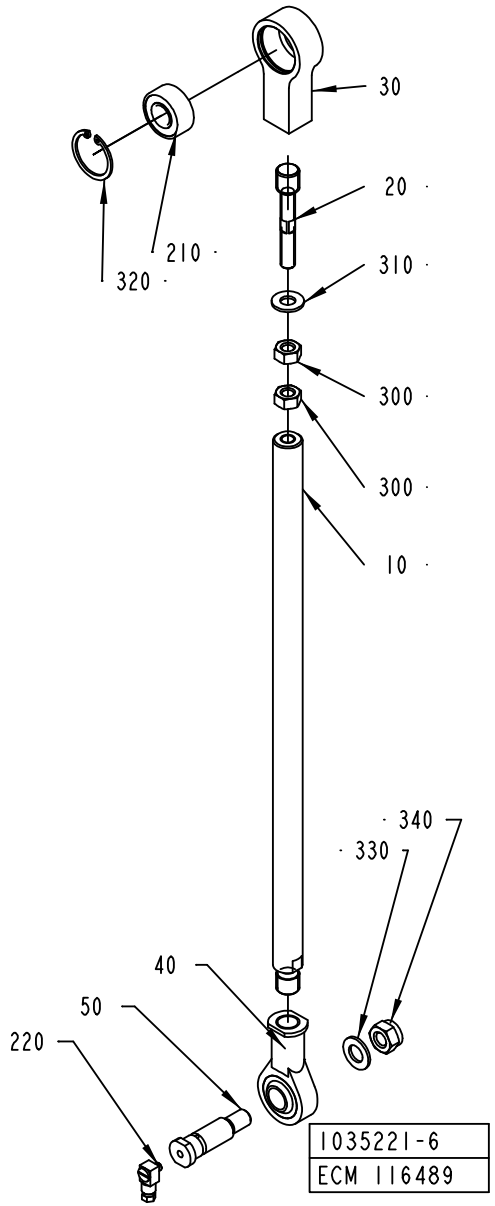
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2500292-0000	A		1	SUPPORT	
020	1538752-0000	-		1	BRACKET	
030	1036935-0000	-		1	ADAPTER	
040	1538751-0000	-		1	PIPE	
200	90459-1252	A		1	ACTUATOR, AIRSTROKE 255-1.5	
210	90165-0051	-		1	CLIP	
300	312115-0453	-		4	SCREW ISO4762 M8X25 A4	
310	312105-0368	-		2	SCREW M6S M6X16 A280	
320	312115-0374	-		2	SCREW ISO4762 M6X30 A4	
330	312115-0459	-		4	SCREW ISO4762 M8X40 A4	
340	315105-0153	-		2	WASHER BRB6,4X12RFR	
350	315105-0165	-		8	WASHER BRB8,4X16RFR	
360	315234-0111	-		1	WASHER,PL.RND.CU.17,5//21 H=1,5	
380	342720-0109	-		1	CONN. STR. GA-12-G3/8	
390	342726-0109	-		1	CONN. PIPE G-12	

Pos	Part No	SP	UN	Qty	Description	Page No


340
330
50
220
LEFT YOKE


220
50
330
340
RIGHT YOKE


YOKE ARM RIGHT SHOWNED
YOKE LINK IS TO BE MOUNTED WITH ITS
CIRCLIP-SIDE TURNED TOWARDS THE ARM.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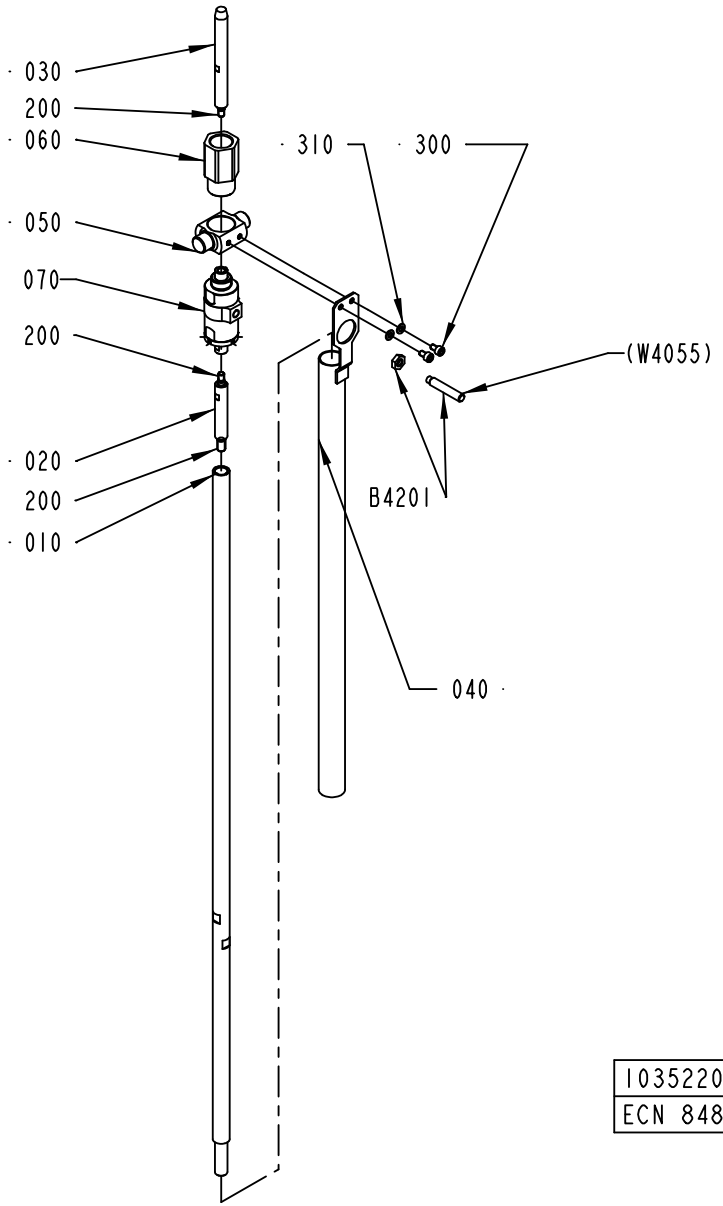
1035221-6
ECM 116489

ECM: 116484 - 20021126
Group number: 1035221-0400
Assembly Drawing: 1035221-6_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1348507-0000	-		1	LINK	
020	1036515-0000	-		1	SCREW	
030	1038492-0000	-		1	LINK HEAD	
040	1349028-0000	A		1	LINK HEAD	
050	1036144-0000	A		1	SHAFT	
210	90214-0194	A		1	SPHERICAL BALL BEARING, 15X35X1 MM	
220	90134-0058	-		1	CONNECTION	
300	312635-0320	-		2	NUT M6M 10X1 STAINLESS A2 80	
310	315105-0173	-		1	WASHER BRB10,5X22RFR	
320	315753-0124	-		1	RETAIN. RING, 35	
330	315105-0178	-		1	WASHER BRB13X24RFR	
340	312812-0322	-		1	HEXAGON NUT, NY-LOCK M12 A480	

Pos	Part No	SP	UN	Qty	Description	Page No

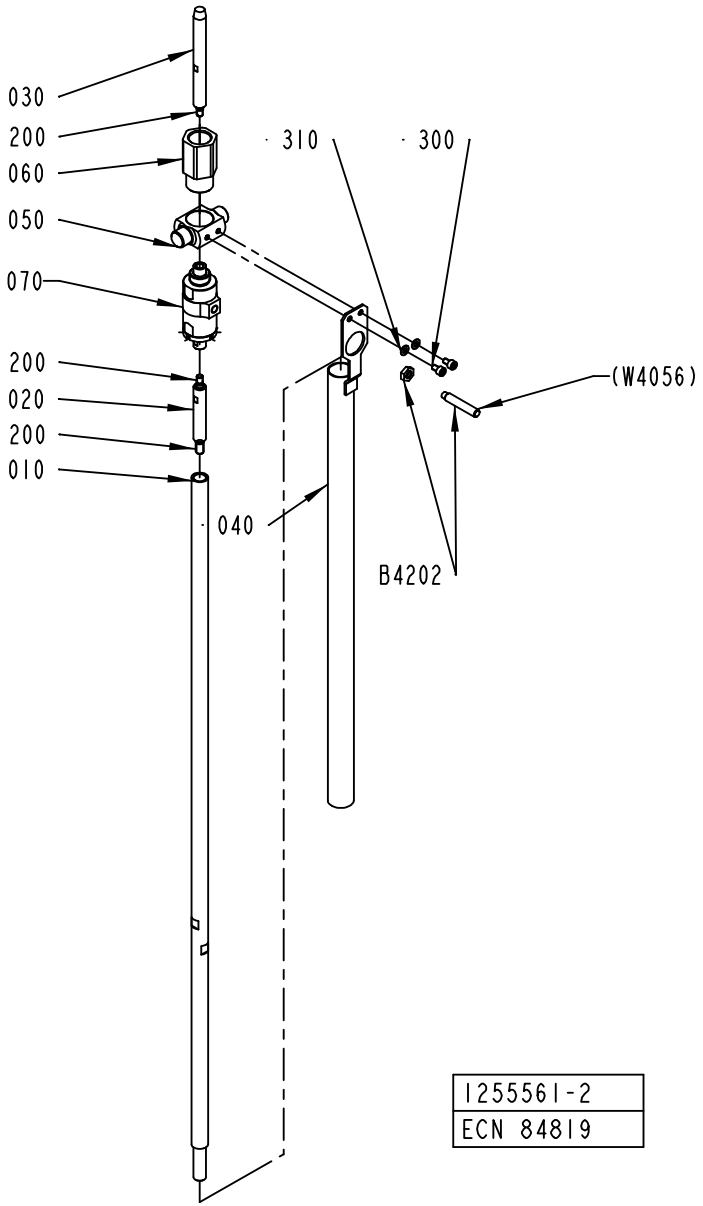


1035220-5
ECN 84819

ECM: 85433 - 20010718
Group number: 1035220-0400
Assembly Drawing: 1035220-5_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037983-0000	A		1	LINK	
020	1349173-0000	A		1	AXLE	
030	1349172-0000	A		1	AXLE	
040	1349174-0000	-		1	SLEEVE	
050	1038449-0000	A		1	SHAFT	
060	1349171-0000	A		1	NUT	
070	1548313-0000	A		1	FORCE LIMITING DEVICE	
200	90157-0016	-		1	LOCKING FLUID	
300	312115-0323	-		2	SCREW ISO4762 M5X8 A4	
310	315105-0146	-		2	WASHER BRB5,3X10RFR	
B4201	90458-0138	-		1	PROX.SW. E2EG-X1R5B1-5M	

Pos	Part No	SP	UN	Qty	Description	Page No


030
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(W4056)
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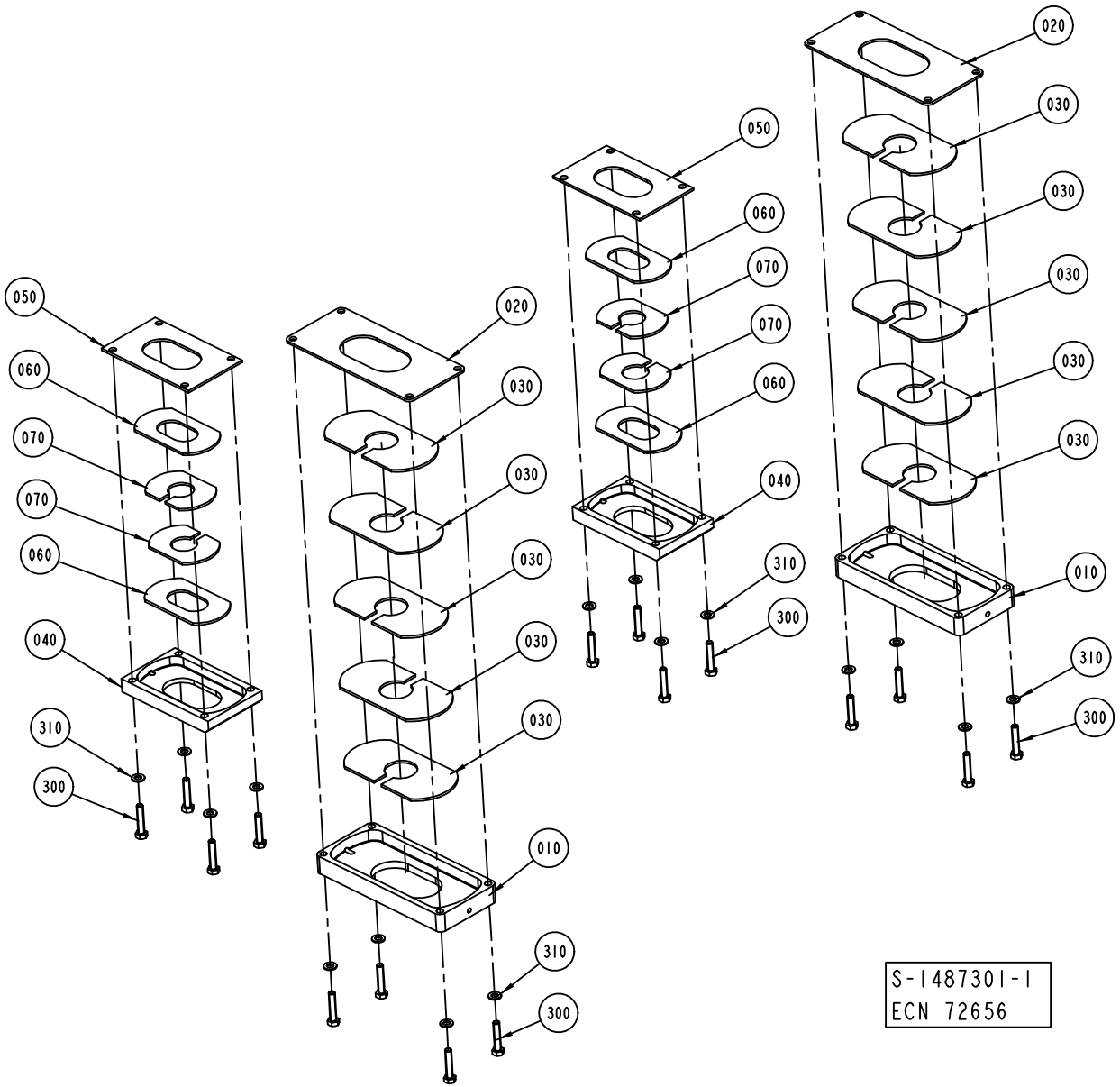
B4202
1255561-2
ECN 84819

ECM: 85432 - 20010718
Group number: 1255561-0200
Assembly Drawing: 1255561-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037983-0000	A		1	LINK	
020	1349173-0000	A		1	AXLE	
030	1349172-0000	A		1	AXLE	
040	1349174-0000	-		1	SLEEVE	
050	1038449-0000	A		1	SHAFT	
060	1349171-0000	A		1	NUT	
070	1548313-0000	A		1	FORCE LIMITING DEVICE	
200	90157-0016	-		1	LOCKING FLUID	
300	312115-0323	-		2	SCREW ISO4762 M5X8 A4	
310	315105-0146	-		2	WASHER BRB5,3X10RFR	
B4202	90458-0138	-		1	PROX.SW. E2EG-X1R5B1-5M	

Pos	Part No	SP	UN	Qty	Description	Page No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S-1487301-1
ECN 72656

ECM: 109878 - 20020628
Group number: 1487301-0100
Assembly Drawing: 1487301-1_1_AA

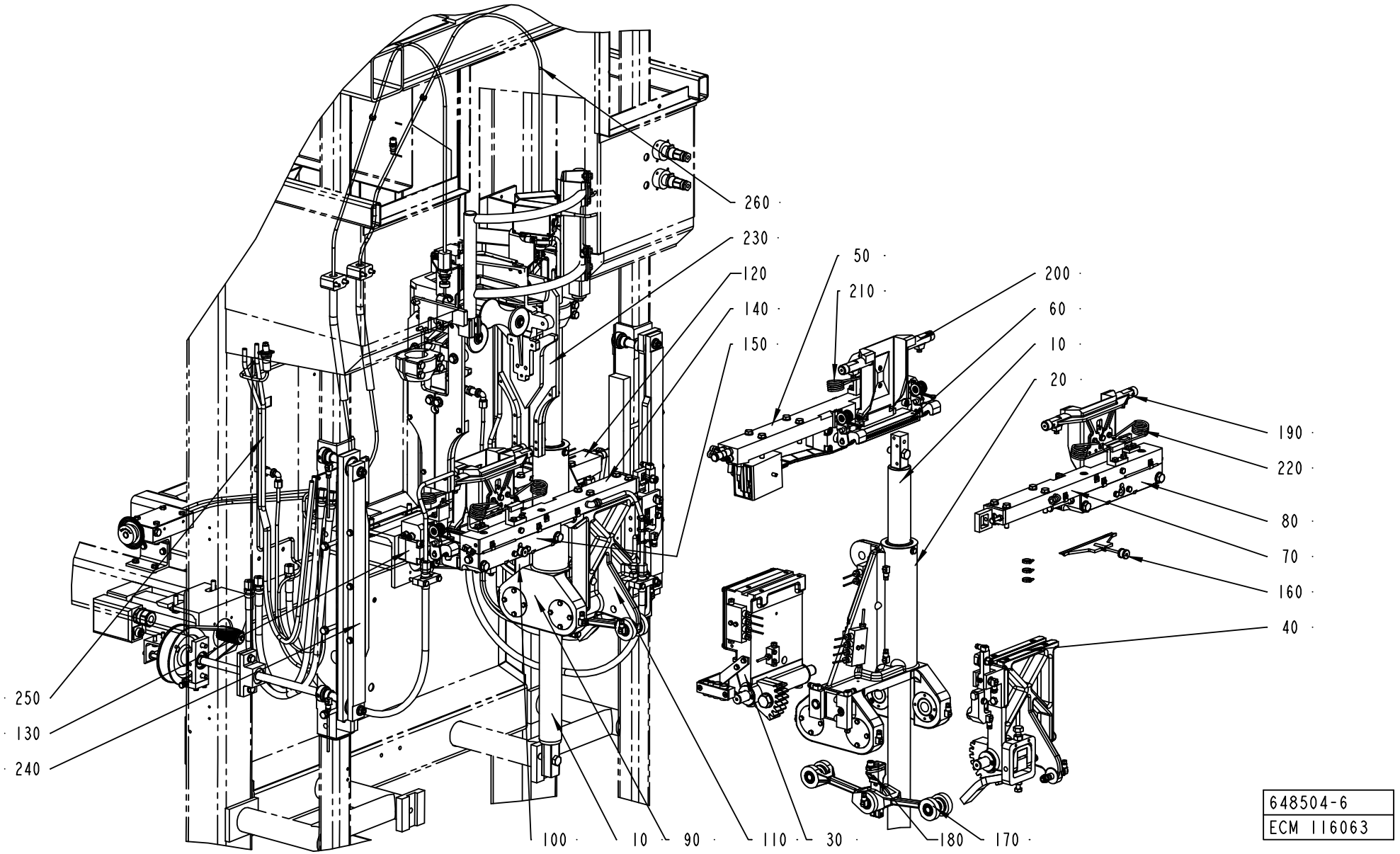
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036383-0000	-		2	LID	
020	1036481-0000	-		2	LACE	
030	1036384-0000	B		10	SLIDE	
040	1038845-0000	-		2	LID	
050	1038846-0000	-		2	LACE	
060	1038847-0000	B		4	SLIDE	
070	1038848-0000	B		4	SLIDE	
300	312105-0333	-		16	SCREW M6S ISO 4017 M5X25 A480	
310	315105-0146	-		16	WASHER BRB5,3X10RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC
Spare Parts Catalogue

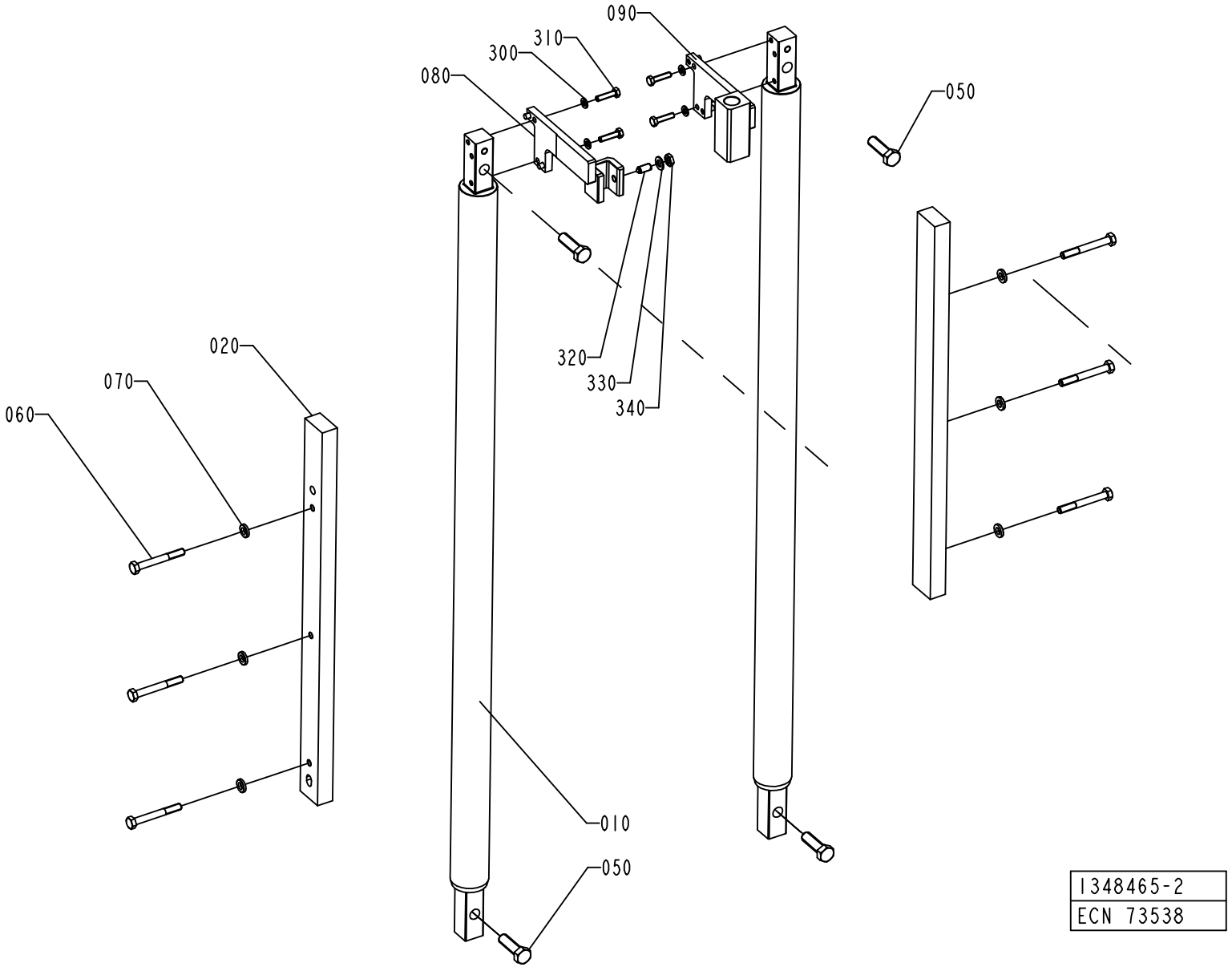
JAW SYSTEM TBA/21



ECM: 116593 - 20020915
Group number: 648504-0500
Assembly Drawing: 648504-6_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1348465-0200	-		1	GUIDE	**483**
020	1348455-0200	-		1	YOKE LEFT	**485**
030	1348456-0200	-		1	PRESSURE ARM LEFT	**487**
040	1348457-0200	-		1	CUTTING ARM LEFT	**489, 491**
050	1478651-0100	-		1	CARRIER PRESSURE LEFT	**493**
060	1348458-0200	-		1	PRESSURE JAW LEFT	**495, 497, 499**
070	1478649-0200	-		1	CARRIER CUTTING LEFT	**503**
080	1348459-0200	-		1	CUTTING JAW LEFT	**505, 507, 509, 511**
090	1348460-0200	-		1	YOKE RIGHT	**513**
100	1348461-0200	-		1	PRESSURE ARM RIGHT	**515**
110	1348462-0200	-		1	CUTTING ARM RIGHT	**517**
120	1478652-0100	-		1	CARRIER PRESSURE RIGHT	**519**
130	1348463-0200	-		1	PRESSURE JAW RIGHT	**521, 523, 525**
140	1478650-0200	-		1	CARRIER CUTTING RIGHT	**527**
150	1348464-0200	-		1	CUTTING JAW RIGHT	**529, 531, 533, 535**
160	1478768-0100	-		2	KNIFE	**537**
170	1348466-0100	-		4	SCISSOR ARM LINK	**539**
180	1348467-0100	-		2	SCISSOR ARM FULCRUM	**541**
190	1334633-0200	-		2	VOLUME FLAP CUTTING	**543, 545, 547, 549, 551**
200	1334634-0200	-		2	VOLUME FLAP PRESSURE	**553, 555, 557, 559, 561**
210	1334635-0200	-		2	SHOCK ABSORBER	**563, 565, 567, 569, 571**
220	1334636-0200	-		2	SHOCK ABSORBER	**573, 575, 577, 579, 581**
230	1035134-0400	-		1	VOLUME ADJUSTER	**583, 585**
240	1317966-0300	-		1	DESIGN CORRECTION	**605**
250	1035138-0300	-		1	CABLE-AND HOSE TRANSFER	**621**
260	1035489-0200	-		1	CONTROL MECHANISM	**623**

Pos	Part No	SP	UN	Qty	Description	Page No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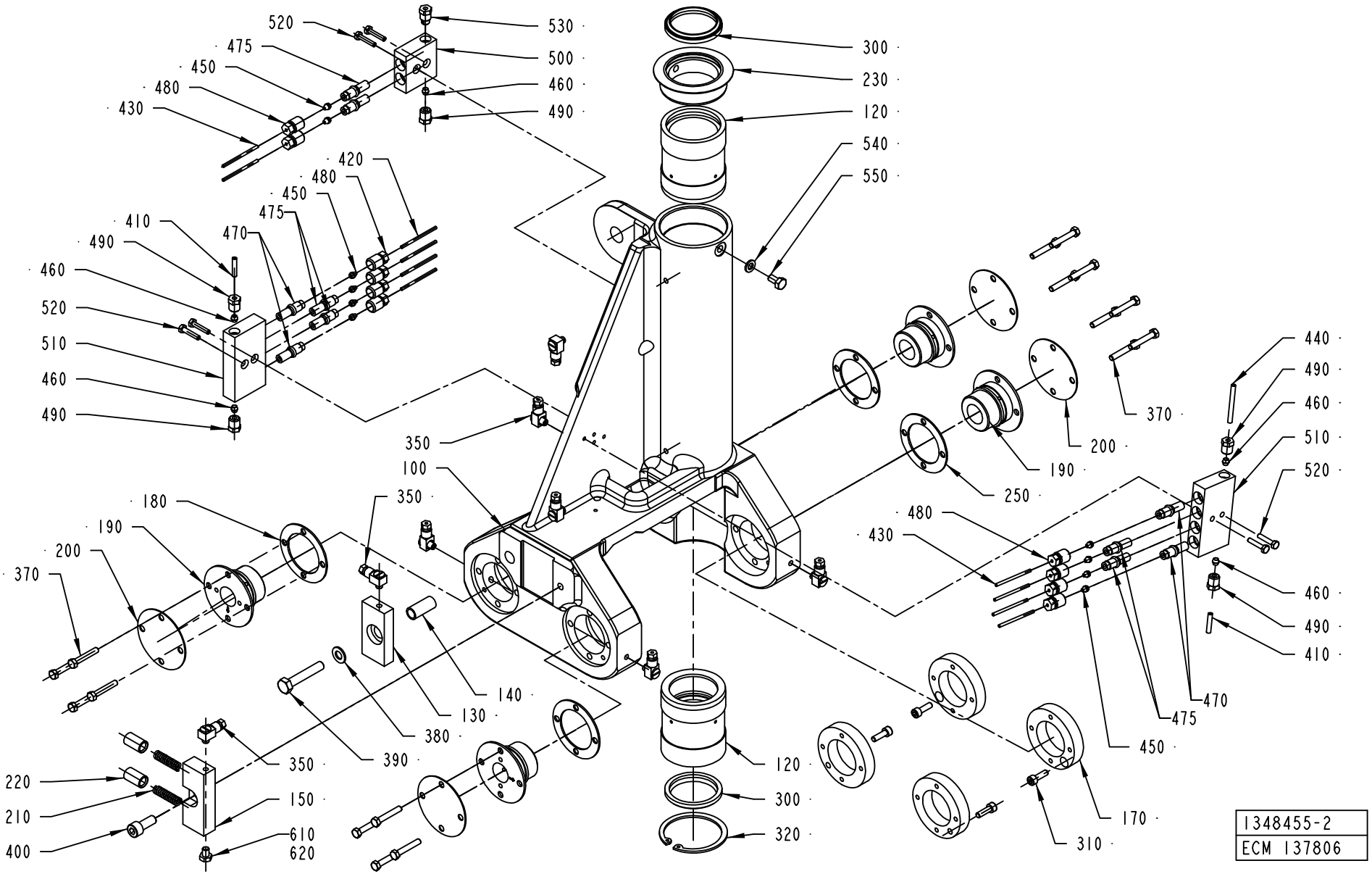
1348465-2
ECN 73538

ECM: 73538 - 20000620
Group number: 1348465-0200
Assembly Drawing: 1348465-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1349438-0000	A		2	GUIDE	
020	1349781-0000	A		2	RULER	
050	312105-0540	-		4	SCREW M6S ISO 4017 M12X40 A480	
060	312105-0464	-		6	SCREW M6S ISO 4014 M8X65 A480	
070	315115-0165	-		6	WASHER PLAIN, TBRB 8,4/16 H=3	
080	1523099-0000	-		1	BRACKET	
090	1532467-0000	-		1	BRACKET	
300	315105-0153	-		4	WASHER BRB6,4X12RFR	
310	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
320	90287-0112	-		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
330	315105-0165	-		1	WASHER BRB8,4X16RFR	
340	312625-0318	-		1	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	

Pos	Part No	SP	UN	Qty	Description	Page No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310
1348455-2
ECM 137806

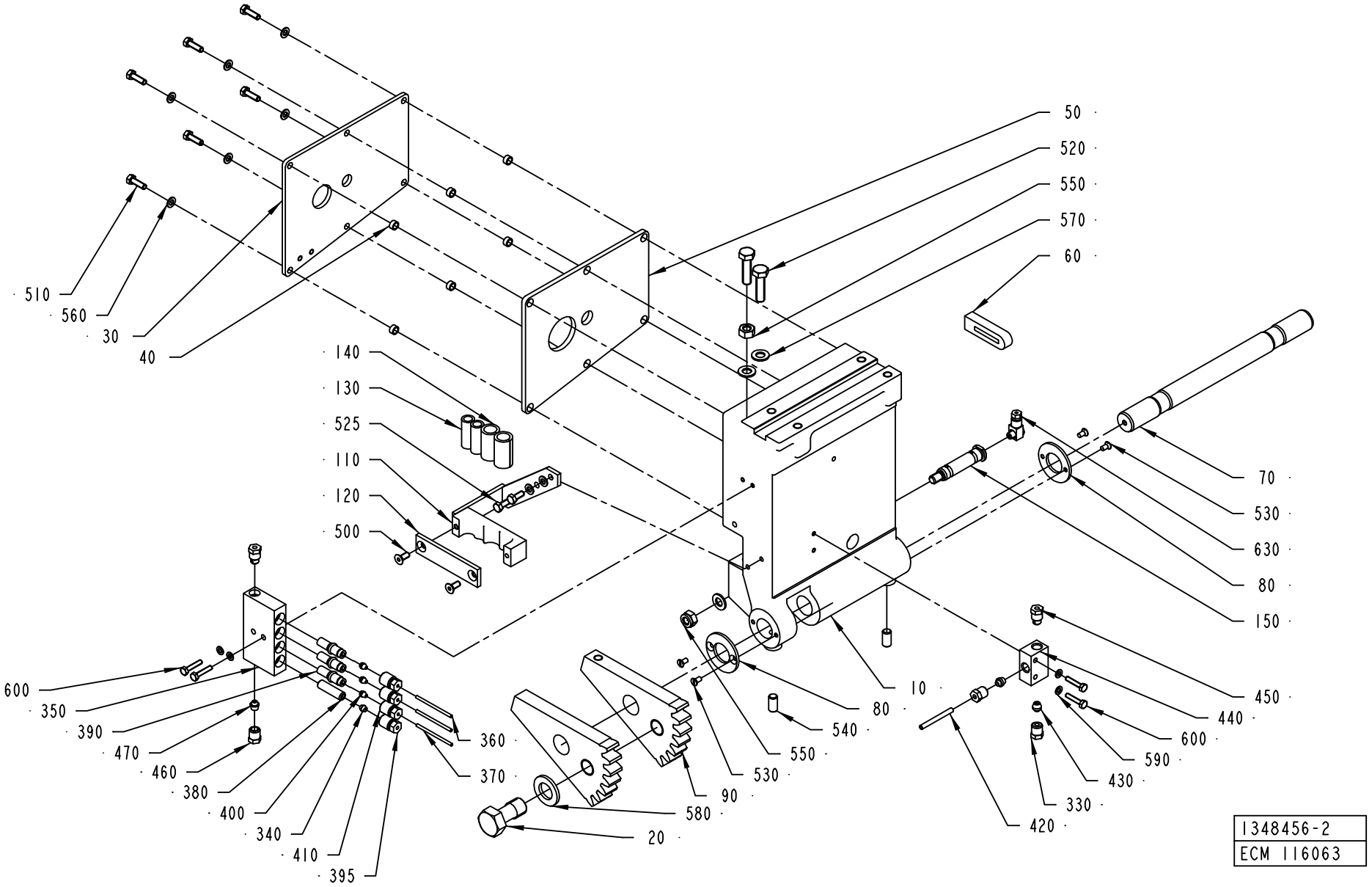
ECM: 133123 - 20030910
Group number: 1348455-0200
Assembly Drawing: 1348455-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
450	90028-0020	-		10	CONE TUBE 2,5MM	
460	90028-0021	-		5	CONE TUBE 4 MM	
470	90092-0052	-		4	METERING VALVE 10 MM3	
480	90134-0039	-		10	BUSHING VALVE CONNECTION 2,5 MM	
Common Parts						
100	1195360-0000	A		1	YOKE LEFT	
120	1035954-0000	A		2	BUSHING	
130	1037104-0000	A		1	LOCATING PIECE	
140	1037106-0000	-		1	SLEEVE	
150	1349972-0000	-		1	SPRING HOUSING	
170	36753-0000	-		4	RING	
180	29886-0000	B		2	LACE	
190	246513-0000	A		4	BEARING	
200	239874-0000	-		4	WASHER	
210	20494-0000	A		2	COMPRESSION SPRING	
220	31838-0000	A		2	PLUNGER	
230	1349780-0000	B		1	LID	
250	1038509-0000	-		2	WASHER	
300	90091-0358	B		2	SCRAPER, ASOB 45X53X7 MM	
310	312115-0329	-		4	SCREW ISO4762 M5X16 A4	
320	315753-0135	-		1	RETAINING RING FOR HOLE, 60X2 MM	
350	90134-0058	-		8	CONNECTION	
370	312105-0335	-		16	SCREW M6S ISO 4014 M5X30 A480	
380	315105-0165	-		1	WASHER BRB8,4X16RFR	
390	312109-0460	-		1	SCREW M6S ISO 4017 M8X45 A480	
400	312115-0451	-		1	SCREW ISO4762 M8X20 A4	
410	90166-0109	-	MM	500	TUBE 4 MM PA,TRANSP.	
420	90166-0143	-	MM	500	TUBE 2,5 MM PA,TRANSP.	
430	90266-0019	-	MM	300	PIPE	
440	90266-0165	-	MM	500	BRASS PIPE	
475	90092-0054	-		6	METERING VALVE 50 MM3	
490	90134-0038	-		5	BUSHING/NUT INLET/OUTLET 4 MM	
500	90032-0038	-		1	BLOCK 2 WAYS	
510	90032-0039	-		2	BLOCK 4 WAYS	
520	312105-0295	-		6	SCREW M6S ISO4017 M4X20 A480	
530	90087-0019	-		1	PLUG M10X1 STAINLESS	
540	315105-0153	-		1	WASHER BRB6,4X12RFR	
550	312105-0366	-		1	SCREW M6S M6X12 A280	
610	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
620	90157-0021	-		1	LOCKING FLUID	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type	Group Description	Used-In	Group Number	Page No

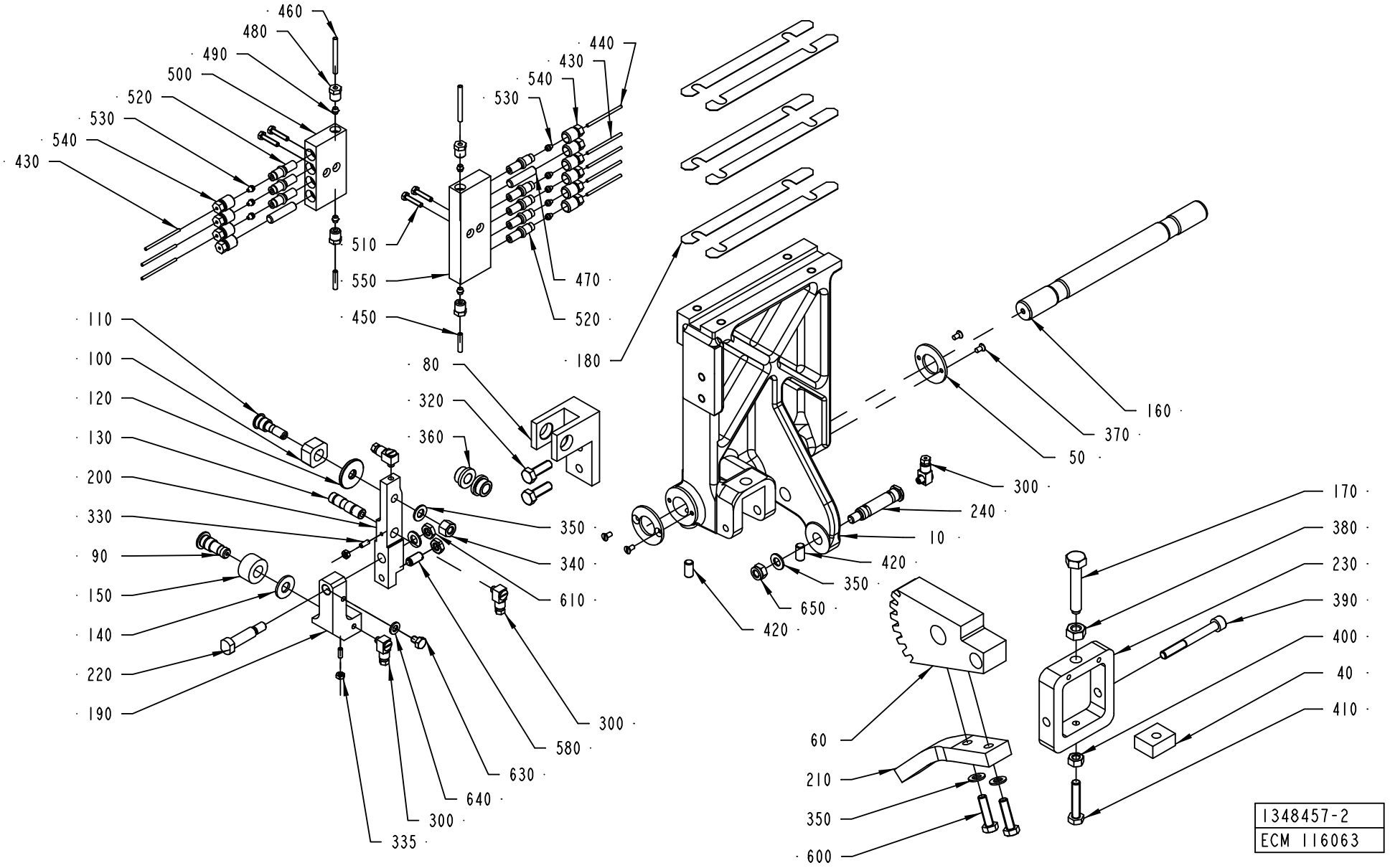
PRESSURE ARM LEFT



ECM: 133125 - 20030710
Group number: 1348456-0200
Assembly Drawing: 1348456-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
030	1036485-0000	-		1	COVERING PLATE	
040	1036501-0000	-		6	SPACER	
050	1036484-0000	A		1	GASKET	
060	1036483-0000	A		1	SEAL	
390	90092-0052	-		3	METERING VALVE 10 MM3	
400	90028-0020	-		3	CONE TUBE 2,5MM	
510	312105-0329	-		6	SCREW M6S ISO 4017 M5X16 A480	
560	315105-0146	-		8	BRICKA BRB5,3X10RFR	
Common Parts						
010	1035877-0000	A		1	ARM LEFT	
020	1037069-0000	-		1	SCREW	
070	1035788-0000	A		1	SHAFT	
080	536704-0000	A		2	WASHER	
090	1036156-0000	A		2	TOOTH PART	
110	1349867-0000	-		1	FASTENING PLATE	
120	1349868-0000	-		1	FASTENING PLATE	
130	1478000-0000	-		2	HOSE	
140	1478001-0000	-		2	HOSE	
150	1037853-0000	-		1	SHAFT	
330	90134-0038	-		2	BUSHING/NUT INLET/OUTLET 4 MM	
340	90028-0021	-		1	CONE TUBE 4 MM	
350	90032-0039	-		1	BLOCK 4 WAYS	
360	90166-0143	-	MM	1500	TUBE 2,5 MM PA,TRANSP.	
370	90266-0019	-	MM	500	PIPE	
380	90134-0051	-		1	SPACING COLLAR DOSING BLOCK	
395	90134-0040	-		1	BUSHING VALVE CONNECTION 4 MM	
400	90028-0020	-		1	CONE TUBE 2,5MM	
410	90134-0039	-		3	BUSHING VALVE CONNECTION 2,5 MM	
420	90266-0165	-	MM	200	BRASS PIPE	
430	90028-0024	-		2	CONE TUBE 4 MM	
440	90032-0043	-		1	DISTRIBUTION BLOCK 3 WAYS	
450	90087-0019	-		2	PLUG M10X1 STAINLESS	
460	90134-0055	-		1	BUSHING/NUT INLET/OUTLET 6 MM	
470	90028-0025	-		1	CONE TUBE 6 MM	
500	312155-0327	-		2	SCREW EN 10642 MF6S M5X12 A480	
520	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
525	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
530	312145-0287	-		4	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
540	312318-0449	-		2	SCREW ISO4029 M8X16 A4	
550	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
570	315105-0165	-		1	WASHER BRB8,4X16RFR	
580	315105-0186	-		1	WASHER BRB17X30RFR	
590	315105-0136	-		4	WASHER BRB4,3XRFR	
600	312105-0295	-		4	SCREW M6S ISO4017 M4X20 A480	
630	90134-0058	-		1	CONNECTION	
640	312812-0318	-		1	HEXAGON NUT, NY-LOCK M8 A480	

CUTTING ARM LEFT

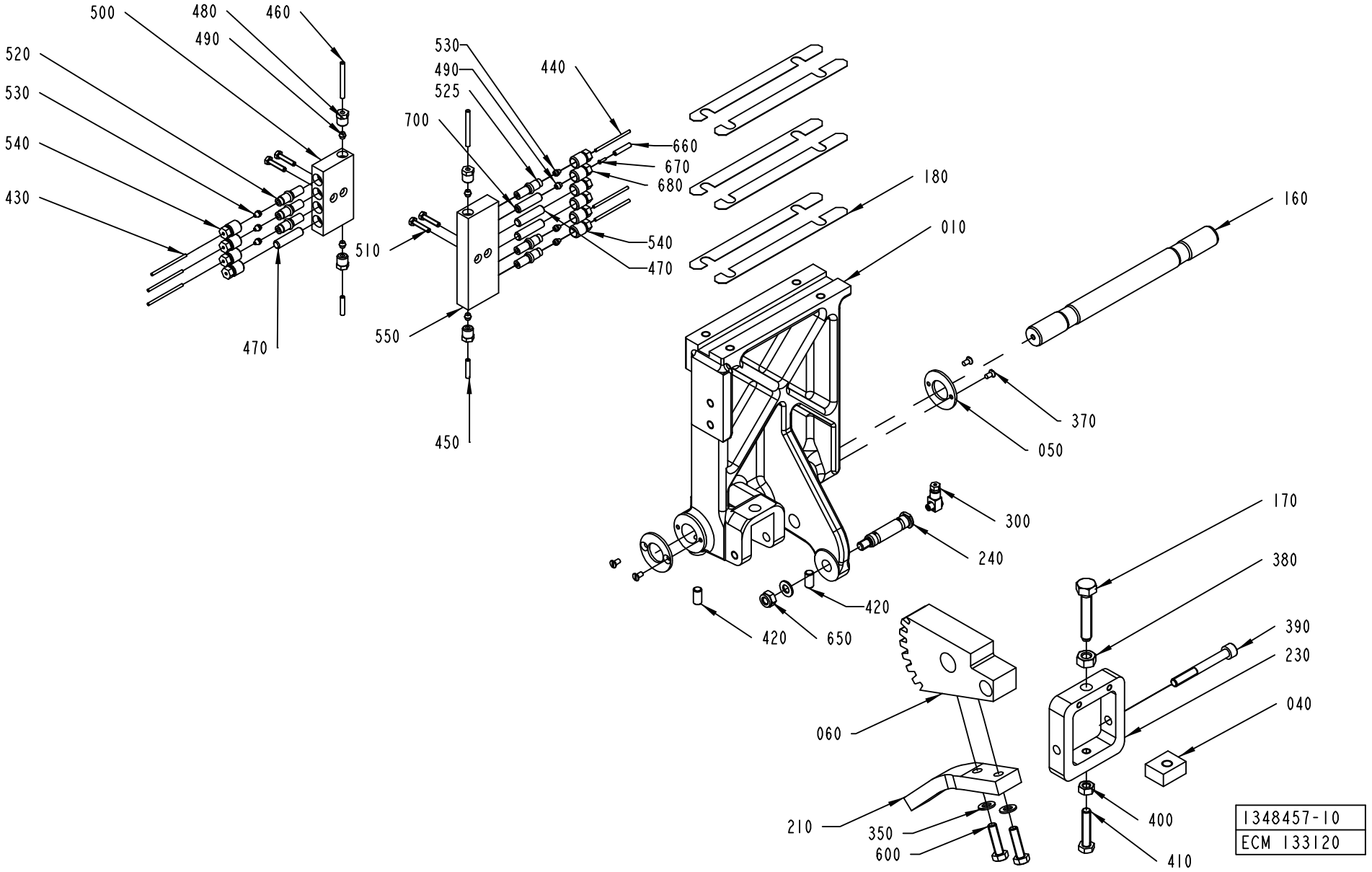


ECM: 133127 - 20030910
Group number: 1348457-0200
Assembly Drawing: 1348457-2_1_AA

This list covers pages from 488 to 491

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 (See drawing on page: 488)						
080	1036617-0000	-		1	BRACKET	
090	1036620-0000	A		1	SHAFT	
100	256628-0000	A		1	PIECE	
110	256629-0001	A		1	AXLE PIN	
120	441706-0000	-		1	WASHER	
130	1036615-0000	A		1	SHAFT	
140	1036616-0000	-		1	WASHER	
150	1036618-0000	A		1	ROLL	
190	1348671-0000	A		1	JOINT LEFT	
200	1512316-0000	A		1	ARM LEFT	
220	1348669-0000	A		1	SCREW	
300	90134-0058	-		4	CONNECTION	
320	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
330	312318-0289	-		2	SCREW ISO4029 M4X10 A4	
335	312605-0312	-		2	HEXAGON NUT, M6M M4 A280	
340	312811-0318	-		1	NUT HEX.LOCK HELI COIL M8 SS	
350	315105-0165	-		5	WASHER BRB8,4X16RFR	
360	321101-0163	-		2	FLANGE BUSHING, 10X16X10 MM	
450	90166-0109	-	MM	500	TUBE 4 MM PA,TRANSP.	
470	90134-0052	-		2	PLUG DOSING BLOCK	
490	90028-0021	-		4	CONE TUBE 4 MM	
520	90092-0052	-		8	METERING VALVE 10 MM3	
530	90028-0020	-		8	CONE TUBE 2,5MM	
540	90134-0039	-		10	BUSHING VALVE CONNECTION 2,5 MM	
580	90287-0112	A		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
610	312625-0318	-		2	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
630	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
640	315105-0153	-		1	WASHER BRB6,4X12RFR	
Common Parts						
010	2536048-0000	A		1	ARM	
040	14729-0000	-		1	NUT	
050	536704-0000	A		2	WASHER	
060	1036155-0000	A		1	TOOTH PART	
160	1035788-0000	A		1	SHAFT	
170	32957-0000	-		1	SCREW	
180	1037254-0000	B		6	SHIM	
210	1484320-0000	-		1	ROD	
230	1038867-0000	-		1	BOW CLAMP	
240	1037853-0000	-		1	SHAFT	
370	312145-0287	-		4	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
380	312635-0320	-		1	NUT M6M 10X1 STAINLESS A2 80	
390	312115-0465	-		1	SCREW ISO4762 M8X70 A4	
400	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
410	312109-0459	-		1	SCREW M6S ISO 4017 M8X40 A480	
420	312318-0449	-		2	SCREW ISO4029 M8X16 A4	
430	90166-0143	-	M	3	TUBE 2,5 MM PA,TRANSP.	
440	90266-0019	-	MM	200	PIPE	
460	90266-0165	-	MM	100	BRASS PIPE	
480	90134-0038	-		4	BUSHING/NUT INLET/OUTLET 4 MM	
500	90032-0039	-		1	BLOCK 4 WAYS	
510	312105-0295	-		4	SCREW M6S ISO4017 M4X20 A480	
550	90032-0040	-		1	BLOCK 6 WAYS	
600	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
650	312812-0318	-		1	HEXAGON NUT, NY-LOCK M8 A480	

Machine Type	Group Description	Used-In	Group Number	Page No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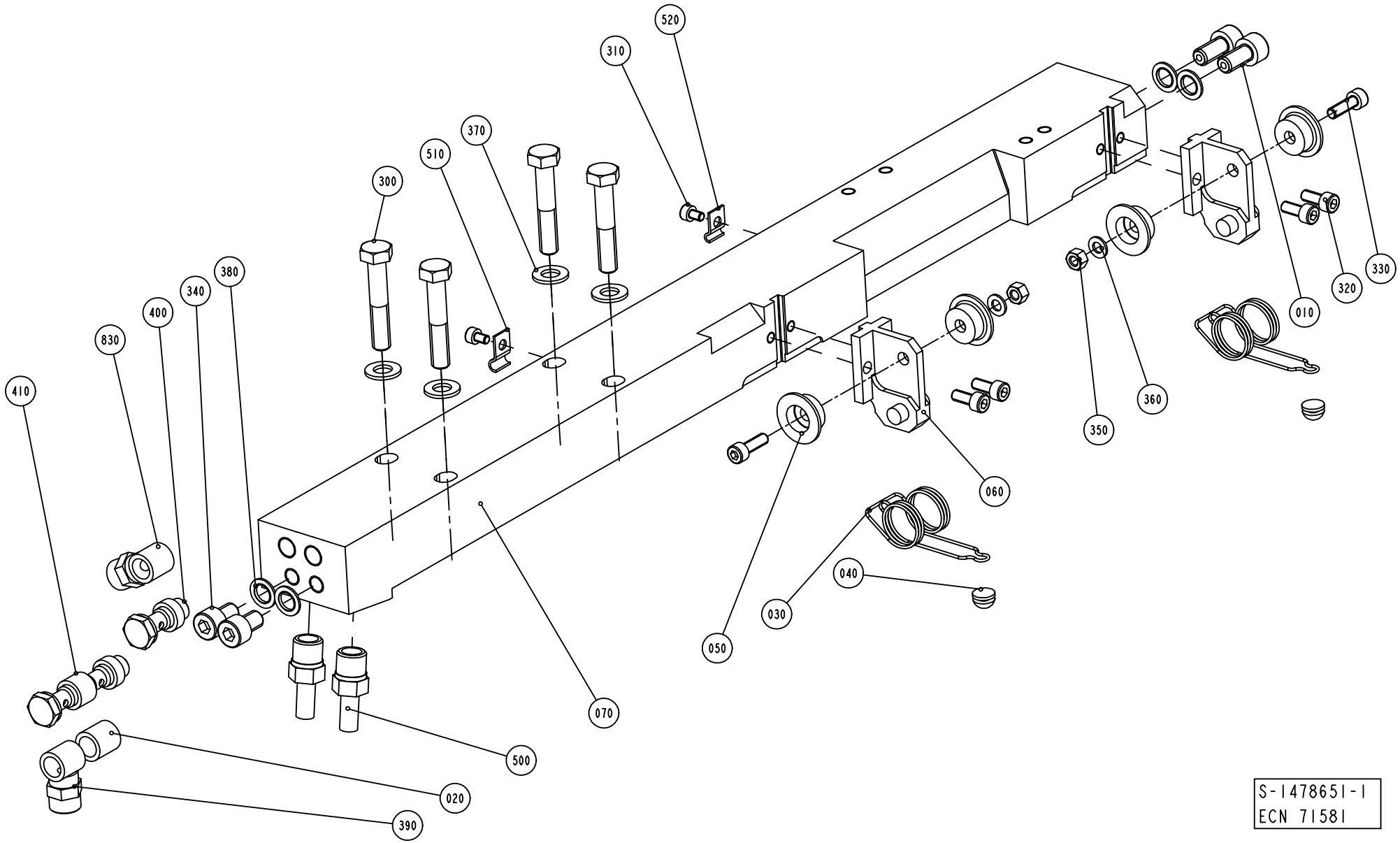
1348457-10
ECM 133120

ECM: 133127 - 20030910
Group number: 1348457-0200
Assembly Drawing: 1348457-10_1_AA

This list covers pages from 488 to 491

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 (See drawing on page: 488)						
080	1036617-0000	-		1	BRACKET	
090	1036620-0000	A		1	SHAFT	
100	256628-0000	A		1	PIECE	
110	256629-0001	A		1	AXLE PIN	
120	441706-0000	-		1	WASHER	
130	1036615-0000	A		1	SHAFT	
140	1036616-0000	-		1	WASHER	
150	1036618-0000	A		1	ROLL	
190	1348671-0000	A		1	JOINT LEFT	
200	1512316-0000	A		1	ARM LEFT	
220	1348669-0000	A		1	SCREW	
300	90134-0058	-		4	CONNECTION	
320	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
330	312318-0289	-		2	SCREW ISO4029 M4X10 A4	
335	312605-0312	-		2	HEXAGON NUT, M6M M4 A280	
340	312811-0318	-		1	NUT HEX.LOCK HELI COIL M8 SS	
350	315105-0165	-		5	WASHER BRB8,4X16RFR	
360	321101-0163	-		2	FLANGE BUSHING, 10X16X10 MM	
450	90166-0109	-	MM	500	TUBE 4 MM PA,TRANSP.	
470	90134-0052	-		2	PLUG DOSING BLOCK	
490	90028-0021	-		4	CONE TUBE 4 MM	
520	90092-0052	-		8	METERING VALVE 10 MM3	
530	90028-0020	-		8	CONE TUBE 2,5MM	
540	90134-0039	-		10	BUSHING VALVE CONNECTION 2,5 MM	
580	90287-0112	A		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
610	312625-0318	-		2	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
630	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
640	315105-0153	-		1	WASHER BRB6,4X12RFR	
Common Parts						
010	2536048-0000	A		1	ARM	
040	14729-0000	-		1	NUT	
050	536704-0000	A		2	WASHER	
060	1036155-0000	A		1	TOOTH PART	
160	1035788-0000	A		1	SHAFT	
170	32957-0000	-		1	SCREW	
180	1037254-0000	B		6	SHIM	
210	1484320-0000	-		1	ROD	
230	1038867-0000	-		1	BOW CLAMP	
240	1037853-0000	-		1	SHAFT	
370	312145-0287	-		4	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
380	312635-0320	-		1	NUT M6M 10X1 STAINLESS A2 80	
390	312115-0465	-		1	SCREW ISO4762 M8X70 A4	
400	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
410	312109-0459	-		1	SCREW M6S ISO 4017 M8X40 A480	
420	312318-0449	-		2	SCREW ISO4029 M8X16 A4	
430	90166-0143	-	M	3	TUBE 2,5 MM PA,TRANSP.	
440	90266-0019	-	MM	200	PIPE	
460	90266-0165	-	MM	100	BRASS PIPE	
480	90134-0038	-		4	BUSHING/NUT INLET/OUTLET 4 MM	
500	90032-0039	-		1	BLOCK 4 WAYS	
510	312105-0295	-		4	SCREW M6S ISO4017 M4X20 A480	
550	90032-0040	-		1	BLOCK 6 WAYS	
600	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
650	312812-0318	-		1	HEXAGON NUT, NY-LOCK M8 A480	

Machine Type | Group Description | Used-In | Group Number | Page No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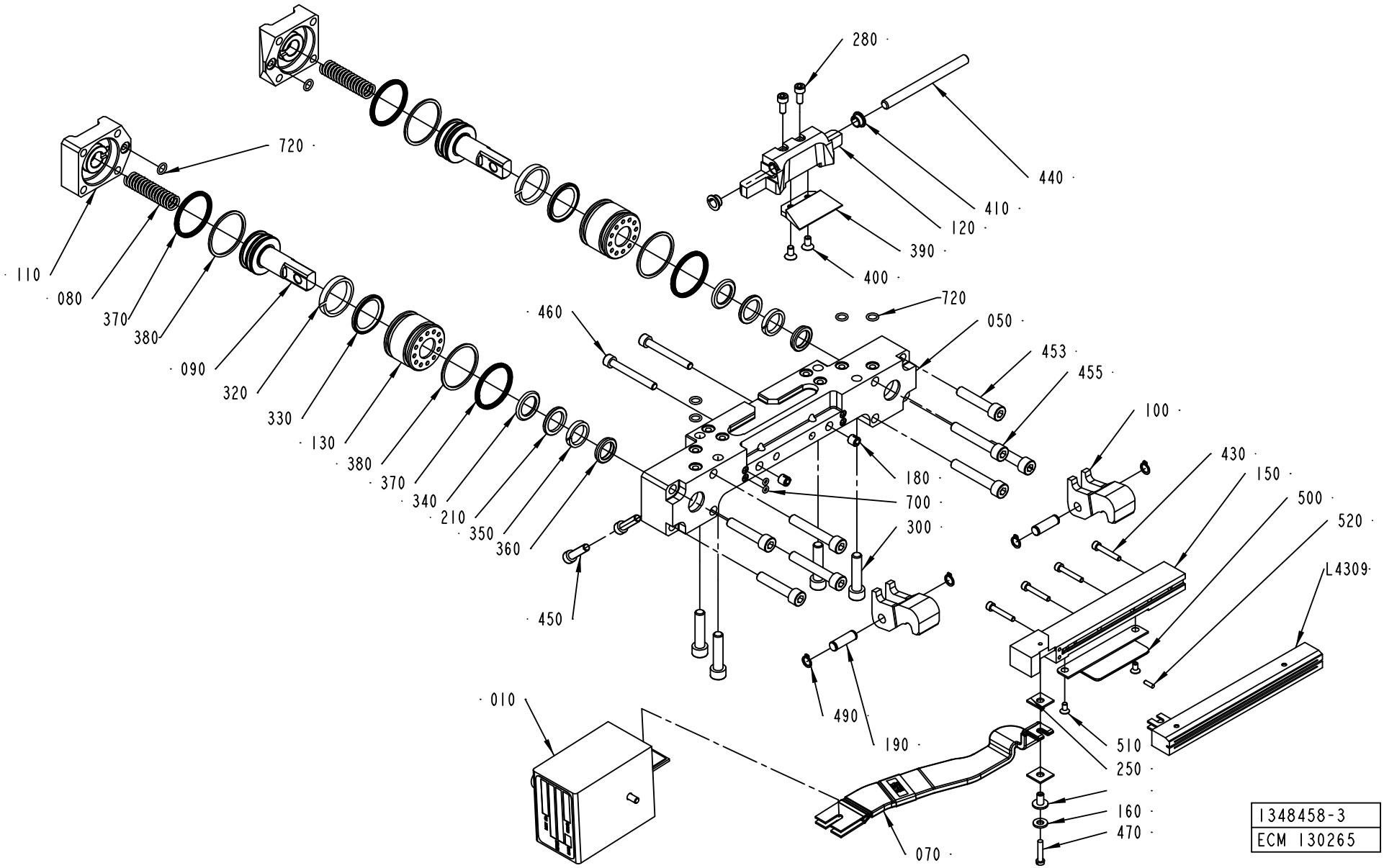
S-1478651-1
ECN 71581

ECM: 139794 - 20030505
Group number: 1478651-0100
Assembly Drawing: 1478651-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TBA 1500S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ						
070	1348856-0000	A		1	CARRIER	
TPA 1000SQ						
070	2581997-0000	A		1	CARRIER	
Common Parts						
010	1036343-0000	-		2	SCREW	
020	1038405-0000	-		1	SPACER	
030	1549378-0000	A		2	SPRING	
040	1129552-0000	A		2	KNOB	
050	1129833-0000	-		4	GUIDE ROLLER	
060	2588013-0000	A		2	BRACKET	
	2587997-0000	*-*		*1*	*PIN*	
300	312105-0460	-		4	SCREW M6S ISO 4014 M8X45 A480	
310	312115-0285	-		2	SCREW ISO4762 M4X6 A4	
320	312115-0327	-		4	SCREW ISO4762 M5X12 A4	
330	312115-0329	-		2	SCREW ISO4762 M5X16 A4	
340	312115-0447	-		2	SCREW ISO4762 M8X12 A4	
350	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
360	315105-0146	-		2	BRICKA BRB5,3X10RFR	
370	315105-0165	-		4	WASHER BRB8,4X16RFR	
380	315211-0104	A		4	SEAL WASHER,NBR90/SS. 8,7X14X1 MM M8	
390	342980-0121	-		2	BANJO-CONNECTION,RING 8/6-G1/8"	
400	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
410	342980-0313	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.02-G1/8"	
500	90030-0065	-		2	PIPE CONNECTION	
510	90165-0056	-		1	PIPE CLIP FOR TUBE D=4 MM	
520	90165-0058	-		1	PIPE CLIP FOR TUBE D=25 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

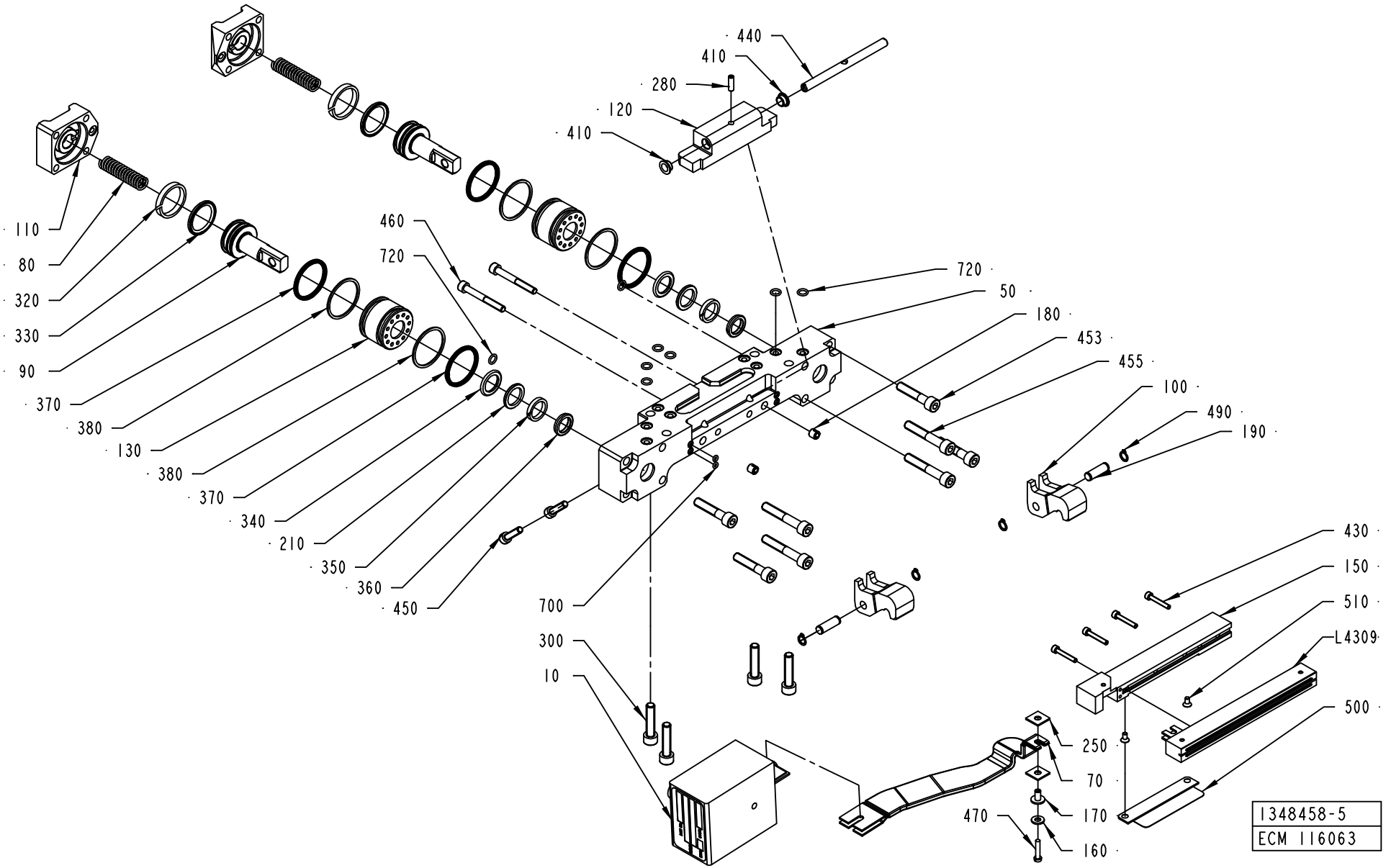
PRESSURE JAW LEFT



ECM: 130292 - 20030611
Group number: 1348458-0200
Assembly Drawing: 1348458-3_1_AC

This list covers pages from 494 to 499

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0250B (See drawing on page: 496)						
090	929372-0000	A		2	PISTON	
120	1349599-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	1349980-0000	A		1	SHAFT	
L4309	1110932-0000	A		1	INDUCTOR	
TBA 0200S (See drawing on page: 494)						
090	929372-0000	A		2	PISTON	
120	2513015-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	2531703-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	2513013-0000	A		1	SHAFT	
L4309	1110930-0000	A		1	INDUCTOR	
TBA 0250S (See drawing on page: 496)						
090	929372-0000	A		2	PISTON	
120	2520465-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	2520466-0000	A		1	SHAFT	
L4309	1110931-0000	A		1	INDUCTOR	
TBA 0330S (See drawing on page: 496)						
090	929372-0000	A		2	PISTON	
120	2545014-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	1349980-0000	A		1	SHAFT	
L4309	1110932-0000	A		1	INDUCTOR	
TBA 0500B (See drawing on page: 496)						
090	1349612-0000	A		2	PISTON	
120	1348544-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1558819-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1347562-0000	A		1	SHAFT	
500	1558734-0000	A		1	VOLUME BULGE	
510	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
L4309	1110938-0000	A		1	INDUCTOR	
TBA 0500S (See drawing on page: 494)						
090	1349612-0000	A		2	PISTON	
120	1511064-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1349980-0000	A		1	SHAFT	
L4309	1110934-0000	A		1	INDUCTOR	
TBA 1000B (See drawing on page: 496)						
090	1349612-0000	A		2	PISTON	
120	1348544-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	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ECM 116063

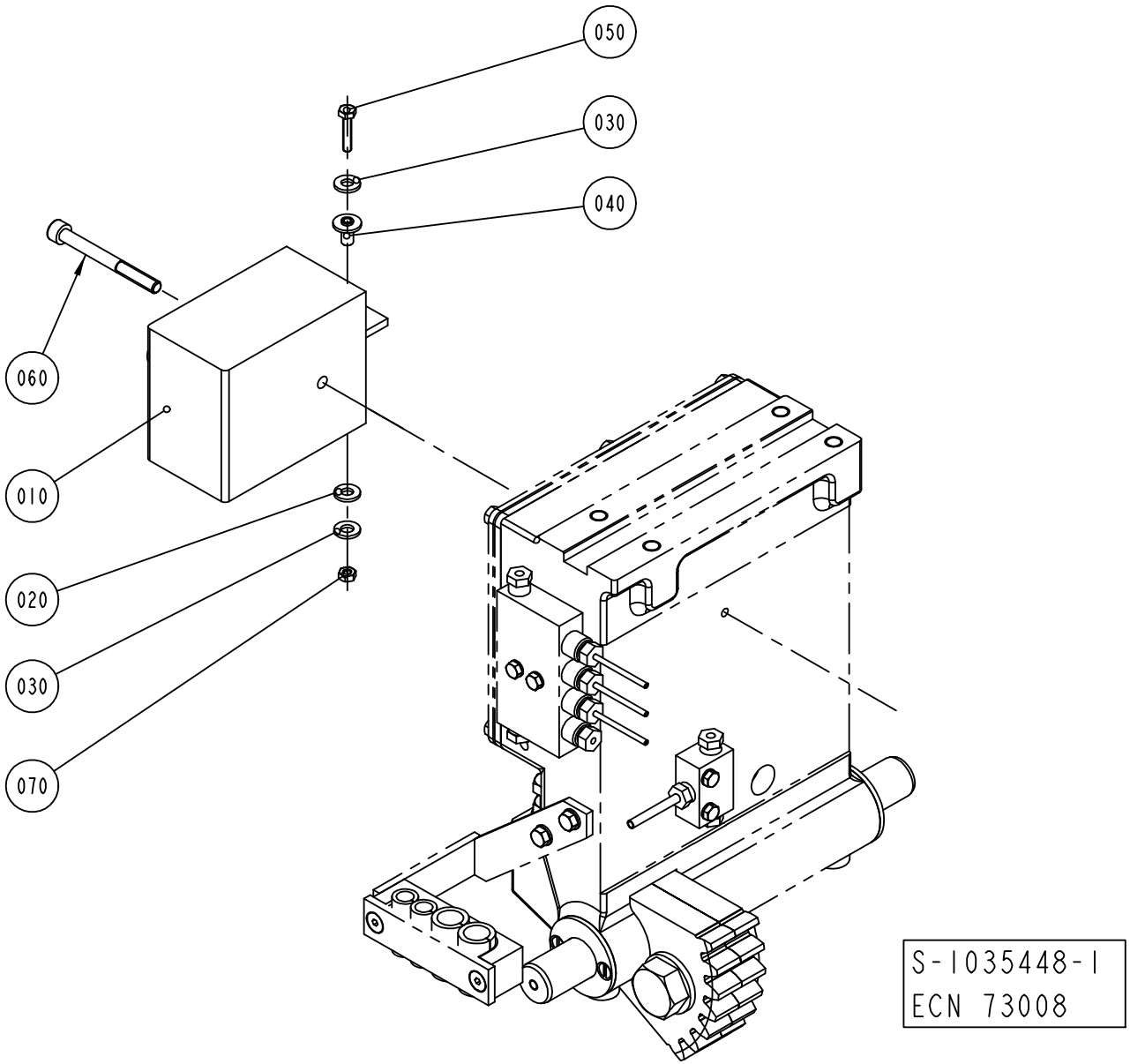
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000B (Cont'd) (See drawing on page: 496)						
150	1348545-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1347562-0000	A		1	SHAFT	
L4309	1110938-0000	A		1	INDUCTOR	
TBA 1000S (See drawing on page: 494)						
090	1349612-0000	A		2	PISTON	
120	1349582-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1347562-0000	A		1	SHAFT	
L4309	1110937-0000	A		1	INDUCTOR	
TBA 1000SQ (See drawing on page: 494)						
090	1349612-0000	A		2	PISTON	
120	2526811-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	2531703-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	2526812-0000	A		1	SHAFT	
L4309	1110936-0000	A		1	INDUCTOR	
TBA 1500S (See drawing on page: 494)						
090	1349612-0000	A		2	PISTON	
120	1349206-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1347562-0000	A		1	SHAFT	
L4309	1110938-0000	A		1	INDUCTOR	
TPA 0250SQ (See drawing on page: 494)						
090	929372-0000	A		2	PISTON	
120	1549585-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	1349863-0000	A		1	SHAFT	
L4309	1110930-0000	A		1	INDUCTOR	
TPA 0330SQ (See drawing on page: 494)						
090	929372-0000	A		2	PISTON	
120	1538250-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	1349863-0000	A		1	SHAFT	
L4309	1520167-0000	A		1	INDUCTOR	
TPA 0500SQ SMILE (See drawing on page: 494)						
090	1349612-0000	A		2	PISTON	
120	2570848-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1558819-0000	A		1	RAIL	
280	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
390	1549834-0000	-		1	VOLUME BULGE	

See previous drawings pages: 494, 496.

ECM: 130292 - 20030611
Group number: 1348458-0200
Assembly Drawing: 1348458-5_1_AA

This list covers pages from 494 to 499

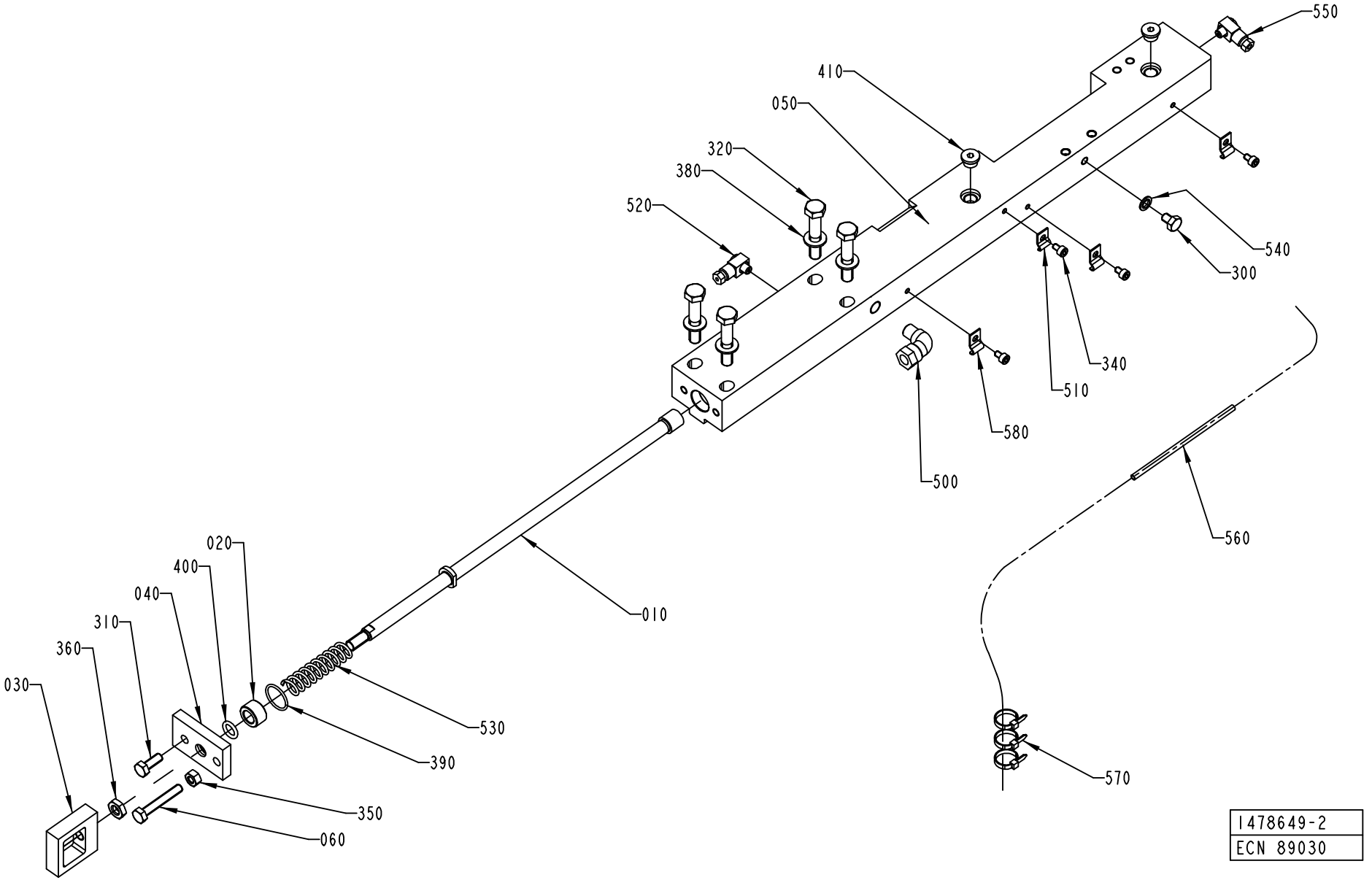
Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0500SQ SMILE (Cont'd) (See drawing on page: 494)						
400	312155-0325	-		2	SCREW EN 10642 MF6S M5X10 A480	
410	2570849-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	2513013-0000	A		1	SHAFT	
500	2503688-0000	A		1	VOLUME BULGE	
510	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
520	311103-0233	-		1	PARALLEL PIN ISO 2338 3M6X10 A1	
L4309	2587466-0000	A		1	INDUCTOR	
TPA 1000S (See drawing on page: 496)						
090	1349612-0000	A		2	PISTON	
120	1349583-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1348545-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1347562-0000	A		1	SHAFT	
L4309	1110935-0000	A		1	INDUCTOR	
TPA 1000SQ (See drawing on page: 494)						
090	1349612-0000	A		2	PISTON	
120	2579989-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1558819-0000	A		1	RAIL	
280	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	2531703-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	2579990-0000	A		1	SHAFT	
500	2503700-0000	A		1	VOLUME BULGE	
510	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
L4309	1520052-0000	A		1	INDUCTOR	
TPA 1000SQ SMILE (See drawing on page: 494)						
090	1349612-0000	A		2	PISTON	
120	2579991-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1558819-0000	A		1	RAIL	
280	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
390	2500591-0000	-		1	VOLUME BULGE	
400	312155-0325	-		2	SCREW EN 10642 MF6S M5X10 A480	
410	2531703-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	2579990-0000	A		1	SHAFT	
500	2503700-0000	A		1	VOLUME BULGE	
510	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
L4309	1520052-0000	A		1	INDUCTOR	
Common Parts						
010	1035448-0100	-		1	ADAPTION TRANSFORMER	**501**
050	2569908-0000	A		1	BEARING HOUSING	
070	1523092-0000	A		1	BUSBAR	
080	1260328-0000	A		2	SPRING	
100	1538349-0000	A		2	CATCH	
110	1348503-0000	A		2	LID	
160	28509-0000	A		1	BRICKA	
170	32544-0000	A		1	INSULATION NUT	
180	107426-0000	A		2	GUIDE SLEEVE	
190	950351-0000	A		2	SHAFT	
210	1038240-0000	-		2	SPACER	
250	1036584-0000	A		2	WASHER	
300	312115-0457	-		4	SCREW ISO4762 M8X35 A4	
340	90091-0364	A		2	ROD SEAL, STEPSEAL 18X25,3X3,2 MM	
350	90091-0366	A		2	WEAR RING 18X23X3,9 MM	
360	90091-0362	A		2	SCRAPER, EXCLUDER2 18X22,8X3,7 MM	
370	90091-0359	A		4	X-SEAL 36,17X2,62 MM	
380	90091-0360	A		4	BACK-UP RING 37,5X1,4 MM	
450	312115-0372	-		2	SCREW ISO4762 M6X25 A4	
453	312115-0459	-		4	SCREW ISO4762 M8X40 A4	
455	312115-0461	-		4	SCREW ISO4762 M8X50 A4	
460	312115-0380	-		2	SCREW ISO4762 M6X50 A4	
470	312125-0295	-		1	SCREW PAN HEAD MCS M4X20 SS	
490	90141-0015	A		4	RETAIN. RING, 8	
700	315202-0101	A		2	O-RING 3,1X1,6 MM	
720	315202-0105	A		8	O-RING 7,1X1,6 MM	


050
030
040
060
010
020
030
070
S-1035448-1
ECN 73008

ECM: 123845 - 20030317
Group number: 1035448-0100
Assembly Drawing: 1035448-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S						
010	67379-0105	A		1	TRANSFORMER	
TBA 0330S, TBA 0200B, TBA 0250S, TBA 0250B, TPA 0250SQ						
010	67379-0114	A		1	TRANSFORMER	
TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S						
010	67379-0202	A		1	TRANSFORMER	
TBA 0500S						
010	67379-0246	A		1	TRANSFORMER	
TPA 0330SQ						
010	67379-0245	A		1	TRANSFORMER	
TPA 0500SQ						
010	67379-0262	A		1	TRANSFORMER	
TPA 1000SQ						
010	67379-0249	A		1	TRANSFORMER	
Common Parts						
020	32079-0000	A		1	WASHER	
030	28509-0000	A		2	BRICKA	
040	32544-0000	A		1	INSULATION NUT	
050	312105-0295	-		1	SCREW M6S ISO4017 M4X20 A480	
060	90458-0058	-		1	SCREW M5X60 A280	
070	312605-0312	-		1	HEXAGON NUT, M6M M4 A280	

Pos	Part No	SP	UN	Qty	Description	Page No



1478649-2
ECN 89030

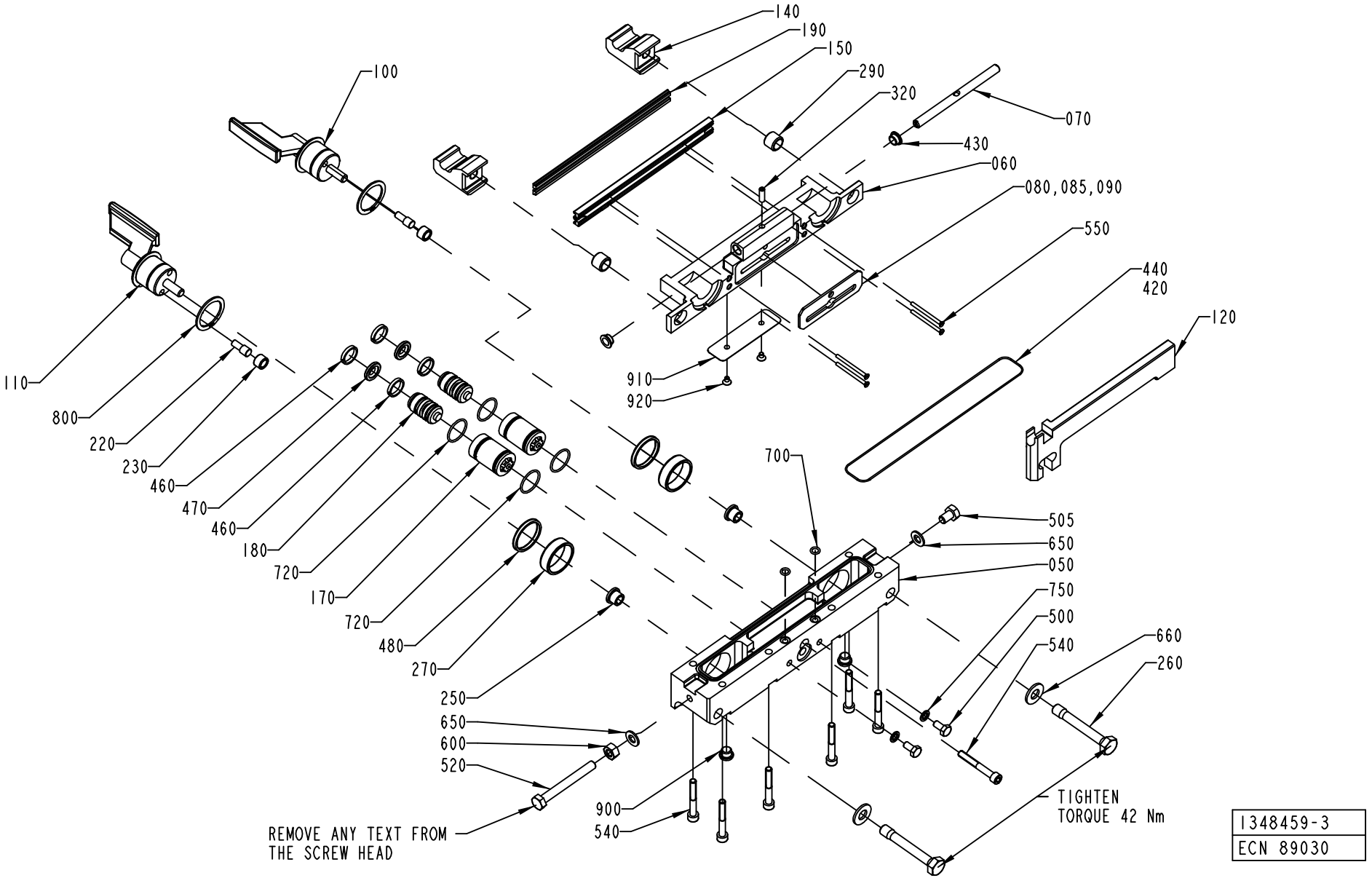
ECM: 139724 - 20030505
Group number: 1478649-0200
Assembly Drawing: 1478649-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S						
010	1036276-0000	A		1	TIE ROD	
050	2570532-0000	A		1	CARRIER	
TBA 0500S, TBA 0330S, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ						
010	1037525-0000	A		1	TIE ROD	
050	2570532-0000	A		1	CARRIER	
TPA 1000SQ						
010	1037525-0000	A		1	TIE ROD	
050	2582000-0000	A		1	CARRIER	
Common Parts						
020	1036495-0000	A		1	BUSHING	
030	1036585-0000	A		1	EAR	
040	1036664-0000	-		1	LID	
060	1523162-0000	-		1	SCREW	
300	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
310	312105-0368	-		1	SCREW M6S M6X16 A280	
320	312105-0460	-		4	SCREW M6S ISO 4014 M8X45 A480	
340	312115-0285	-		4	SCREW ISO4762 M4X6 A4	
350	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
360	312625-0318	-		1	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
380	315105-0165	-		4	WASHER BRB8,4X16RFR	
390	315202-0116	A		1	O-RING 18,1X1,6 MM	
400	315202-0208	A		1	O-RING 9,3X2,4 MM	
410	342713-0209	A		2	PLUG, EXT THREAD HEX SOCKET 8638-00-180	
500	90030-0257	-		1	CONN. ELBOW, 8-R1/8, EXT.THREAD	
510	90165-0058	-		1	PIPE CLIP FOR TUBE D=25 MM	
520	90134-0058	-		1	CONNECTION	
530	1548940-0000	A		1	SPRING	
540	315211-0103	A		1	SEAL WASHER,NBR90/SS. 6,7X10X1 MM M6	
550	90134-0068	-		1	CONNECTION	
560	90266-0165	-	MM	800	BRASS PIPE	
570	352113-0101	-		4	CLIP STRIP, 92X2,5 MM	
580	90165-0056	-		3	PIPE CLIP FOR TUBE D=4 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

CUTTING JAW LEFT



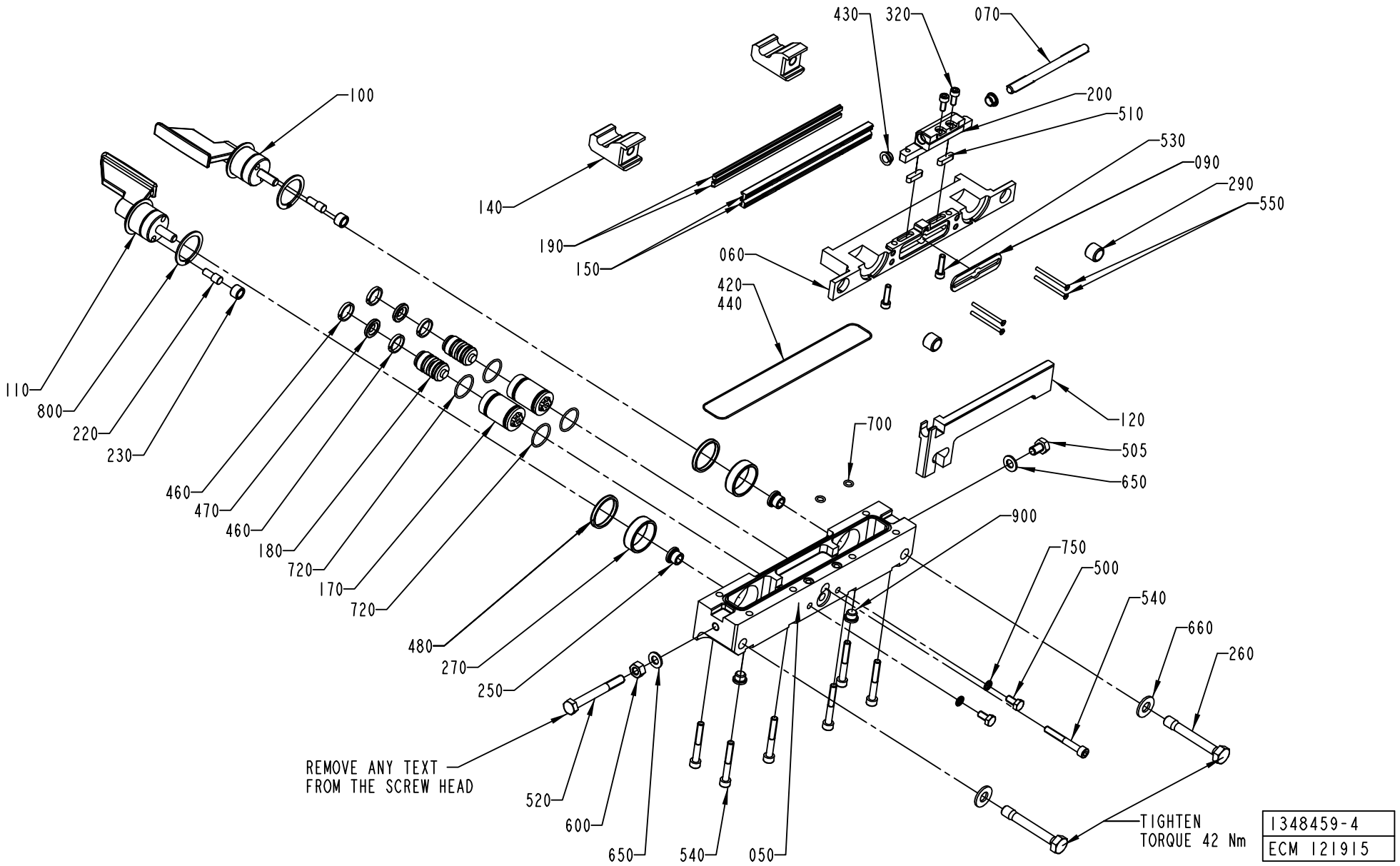
1348459-3
ECN 89030

ECM: 127883 - 20030922
Group number: 1348459-0200
Assembly Drawing: 1348459-3_1_AA

This list covers pages from 504 to 511

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S (See drawing on page: 510)						
050	1549807-0000	A		1	BEARING HOUSING	
060	2513014-0000	A		1	CUTTING JAW	
070	2513013-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	2507090-0000	A		1	FOLDING FLAP	
110	2507091-0000	A		1	FOLDING FLAP	
120	1255458-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	752288-0000	A		2	SLEEVE	
180	752115-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
430	2531703-0000	A		2	BUSHING	
460	90091-0169	A		4	WEAR RING 12X15X3,2 MM	
470	90091-0216	A		2	PISTON SEAL, GLIDORING 7,1X12X2,2 MM	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0110	A		2	O-RING 12,1X1,6 MM	
TBA 0250S (See drawing on page: 504)						
050	2520468-0000	A		1	BEARING HOUSING	
060	2520469-0000	A		1	CUTTING JAW	
070	2520466-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	2507090-0000	A		1	FOLDING FLAP	
110	2507091-0000	A		1	FOLDING FLAP	
120	2520470-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	752288-0000	A		2	SLEEVE	
180	752115-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0169	A		4	WEAR RING 12X15X3,2 MM	
470	90091-0216	A		2	PISTON SEAL, GLIDORING 7,1X12X2,2 MM	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0110	A		2	O-RING 12,1X1,6 MM	
TBA 0330S, TBA 0200B, TBA 0250B (See drawing on page: 504)						
050	1549806-0000	A		1	BEARING HOUSING	
060	2545013-0000	A		1	CUTTING JAW	
070	1349980-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	2507078-0000	A		1	FOLDING FLAP	
110	2507079-0000	A		1	FOLDING FLAP	
120	1255459-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	752288-0000	A		2	SLEEVE	
180	752115-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0169	A		4	WEAR RING 12X15X3,2 MM	
470	90091-0216	A		2	PISTON SEAL, GLIDORING 7,1X12X2,2 MM	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0110	A		2	O-RING 12,1X1,6 MM	
TBA 0500B (See drawing on page: 504)						
050	1549803-0000	A		1	BEARING HOUSING	
060	1348543-0000	A		1	CUTTING JAW	
070	1347562-0000	A		1	SHAFT	
090	1349925-0000	A		1	PLATE	
100	1511697-0000	A		1	FOLDING FLAP	
110	1511698-0000	A		1	FOLDING FLAP	
120	1255457-0000	A		1	CARRIER RULER	
150	1520455-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
910	1558733-0000	A		1	VOLUME BULGE	
920	312155-0285	-		2	SCREW HEX.SOCK.COUNT.MF6S M4X6 A480	
TBA 0500S (See drawing on page: 504)						
050	1549809-0000	A		1	BEARING HOUSING	
060	1511063-0000	A		1	CUTTING JAW	

CUTTING JAW LEFT

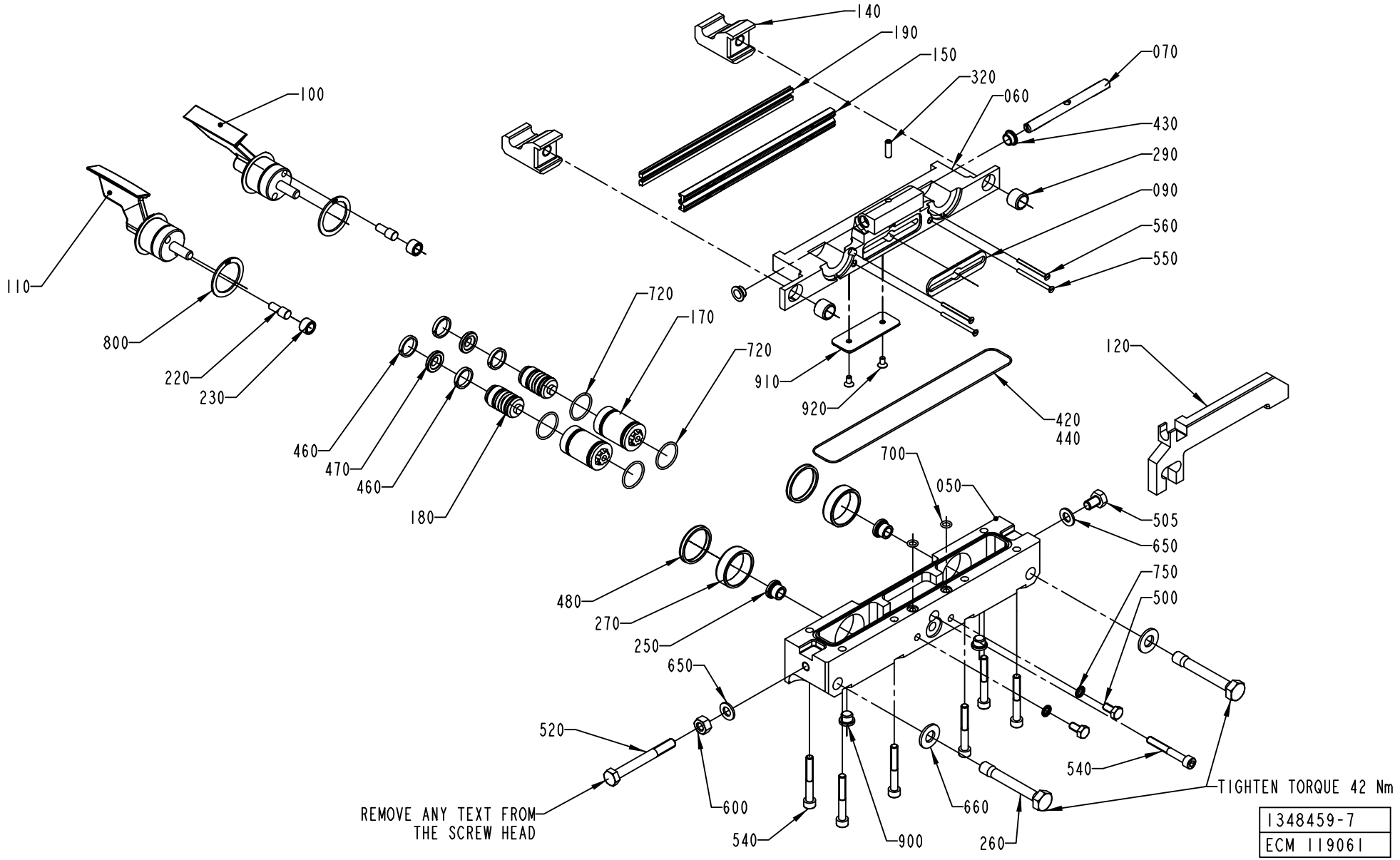


ECM: 127883 - 20030922
Group number: 1348459-0200
Assembly Drawing: 1348459-4_1_AB

This list covers pages from 504 to 511

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S (Cont'd) (See drawing on page: 504)						
070	1349980-0000	A		1	SHAFT	
090	1487619-0000	A		1	PLATE	
100	2507085-0000	A		1	FOLDING FLAP	
110	2507086-0000	A		1	FOLDING FLAP	
120	1511067-0000	A		1	CARRIER RULER	
150	1520494-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TBA 1000B (See drawing on page: 504)						
050	1549803-0000	A		1	BEARING HOUSING	
060	1348543-0000	A		1	CUTTING JAW	
070	1347562-0000	A		1	SHAFT	
090	1349925-0000	A		1	PLATE	
100	1511697-0000	A		1	FOLDING FLAP	
110	1511698-0000	A		1	FOLDING FLAP	
120	1255457-0000	A		1	CARRIER RULER	
150	1520455-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TBA 1000S (See drawing on page: 504)						
050	1549804-0000	A		1	BEARING HOUSING	
060	1349578-0000	A		1	CUTTING JAW	
070	1347562-0000	A		1	SHAFT	
090	1349925-0000	A		1	PLATE	
100	1511699-0000	A		1	FOLDING FLAP	
110	1511700-0000	A		1	FOLDING FLAP	
120	1255460-0000	A		1	CARRIER RULER	
150	1520455-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TBA 1000SQ (See drawing on page: 506)						
050	1549808-0000	A		1	BEARING HOUSING	
060	1487618-0000	A		1	CUTTING JAW	
070	2526812-0000	A		1	SHAFT	
090	1487619-0000	A		1	PLATE	
100	2507076-0000	A		1	FOLDING FLAP	
110	2507077-0000	A		1	FOLDING FLAP	
120	1360318-0000	A		1	CARRIER RULER	
150	1520494-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
200	2526810-0000	A		1	HOLDER	
320	312115-0327	-		2	SCREW ISO4762 M5X12 A4	
430	2531703-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
510	315705-0201	-		2	PARALLEL KEY W. ROUND ENDS 5X5X20 MM	
530	312115-0331	-		2	SCREW ISO4762 M5X20 A4	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TBA 1500S (See drawing on page: 504)						
050	1549803-0000	A		1	BEARING HOUSING	
060	1349203-0000	A		1	CUTTING JAW	
070	1347562-0000	A		1	SHAFT	
090	1349925-0000	A		1	PLATE	
100	2507092-0000	A		1	FOLDING FLAP	
110	2507093-0000	A		1	FOLDING FLAP	

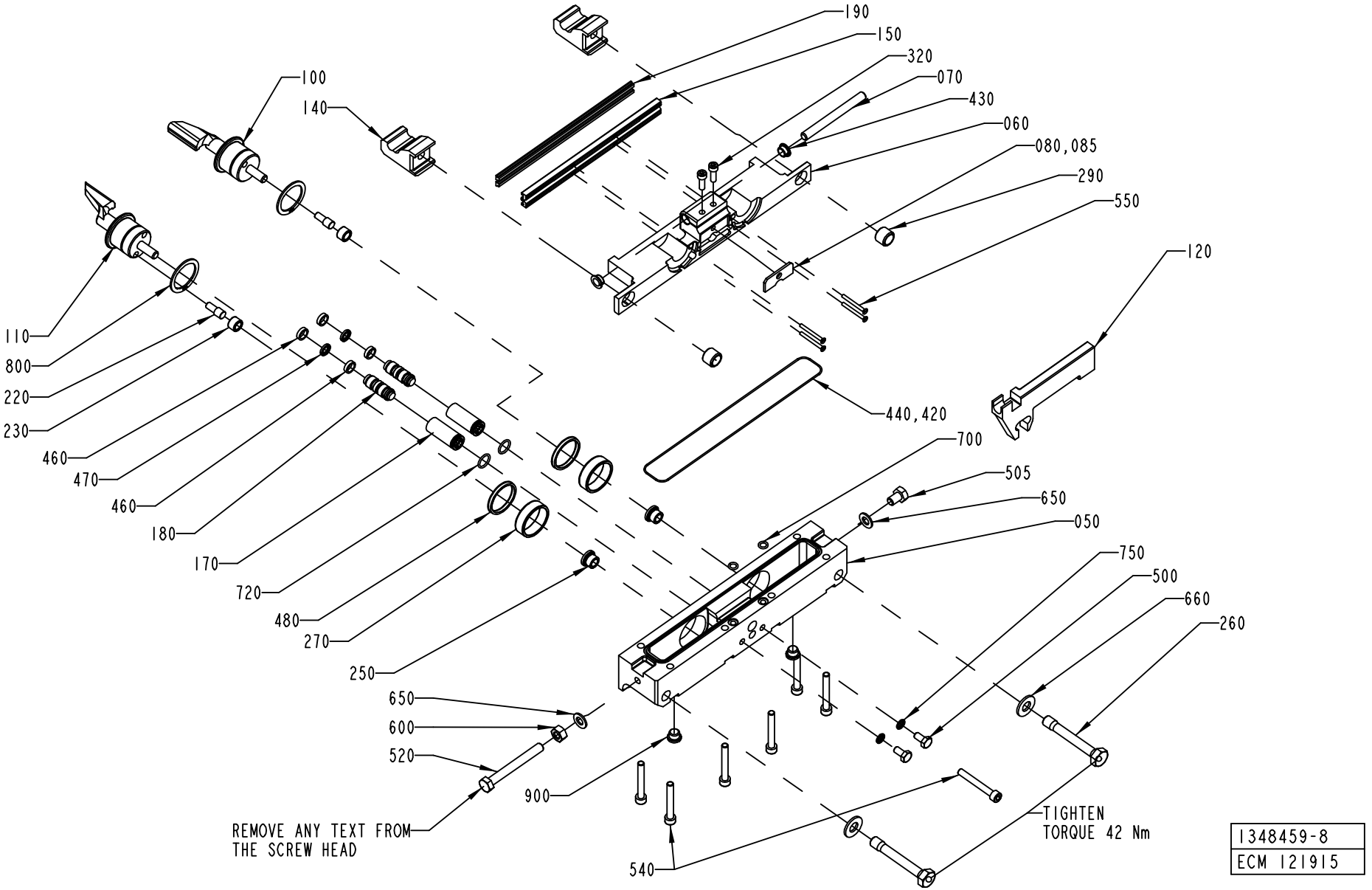
CUTTING JAW LEFT



ECM: 127883 - 20030922
Group number: 1348459-0200
Assembly Drawing: 1348459-7_1_AB

This list covers pages from 504 to 511

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1500S (Cont'd) (See drawing on page: 504)						
120	1255457-0000	A		1	CARRIER RULER	
150	1520455-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TPA 0250SQ (See drawing on page: 504)						
050	1549807-0000	A		1	BEARING HOUSING	
060	1549587-0000	A		1	CUTTING JAW	
070	1349863-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	1549588-0000	A		1	FOLDING FLAP	
110	1549589-0000	A		1	FOLDING FLAP	
120	1255458-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	752288-0000	A		2	SLEEVE	
180	752115-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0169	A		4	WEAR RING 12X15X3,2 MM	
470	90091-0216	A		2	PISTON SEAL, GLIDORING 7,1X12X2,2 MM	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0110	A		2	O-RING 12,1X1,6 MM	
TPA 0330SQ (See drawing on page: 504)						
050	2505277-0000	A		1	BEARING HOUSING	
060	1538253-0000	A		1	CUTTING JAW	
070	1349863-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	2507096-0000	A		1	FOLDING FLAP	
110	2507097-0000	A		1	FOLDING FLAP	
120	1538256-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	752288-0000	A		2	SLEEVE	
180	752115-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0169	A		4	WEAR RING 12X15X3,2 MM	
470	90091-0216	A		2	PISTON SEAL, GLIDORING 7,1X12X2,2 MM	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0110	A		2	O-RING 12,1X1,6 MM	
TPA 0500SQ (See drawing on page: 508)						
050	1549826-0000	A		1	BEARING HOUSING	
060	2570850-0000	A		1	CUTTING JAW	
070	2513013-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	1549822-0000	A		1	FOLDING FLAP	
110	1549823-0000	A		1	FOLDING FLAP	
120	1549824-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312115-0325	A		2	SCREW ISO4762 M5X10 A4	
430	2570849-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TPA 0500SQ SMILE						
910	2503689-0000	A		1	VOLUME BULGE	
920	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
TPA 1000S (See drawing on page: 504)						
050	1549805-0000	A		1	BEARING HOUSING	
060	1349579-0000	A		1	CUTTING JAW	
070	1347562-0000	A		1	SHAFT	
090	1349925-0000	A		1	PLATE	
100	2507083-0000	A		1	FOLDING FLAP	
110	2507084-0000	A		1	FOLDING FLAP	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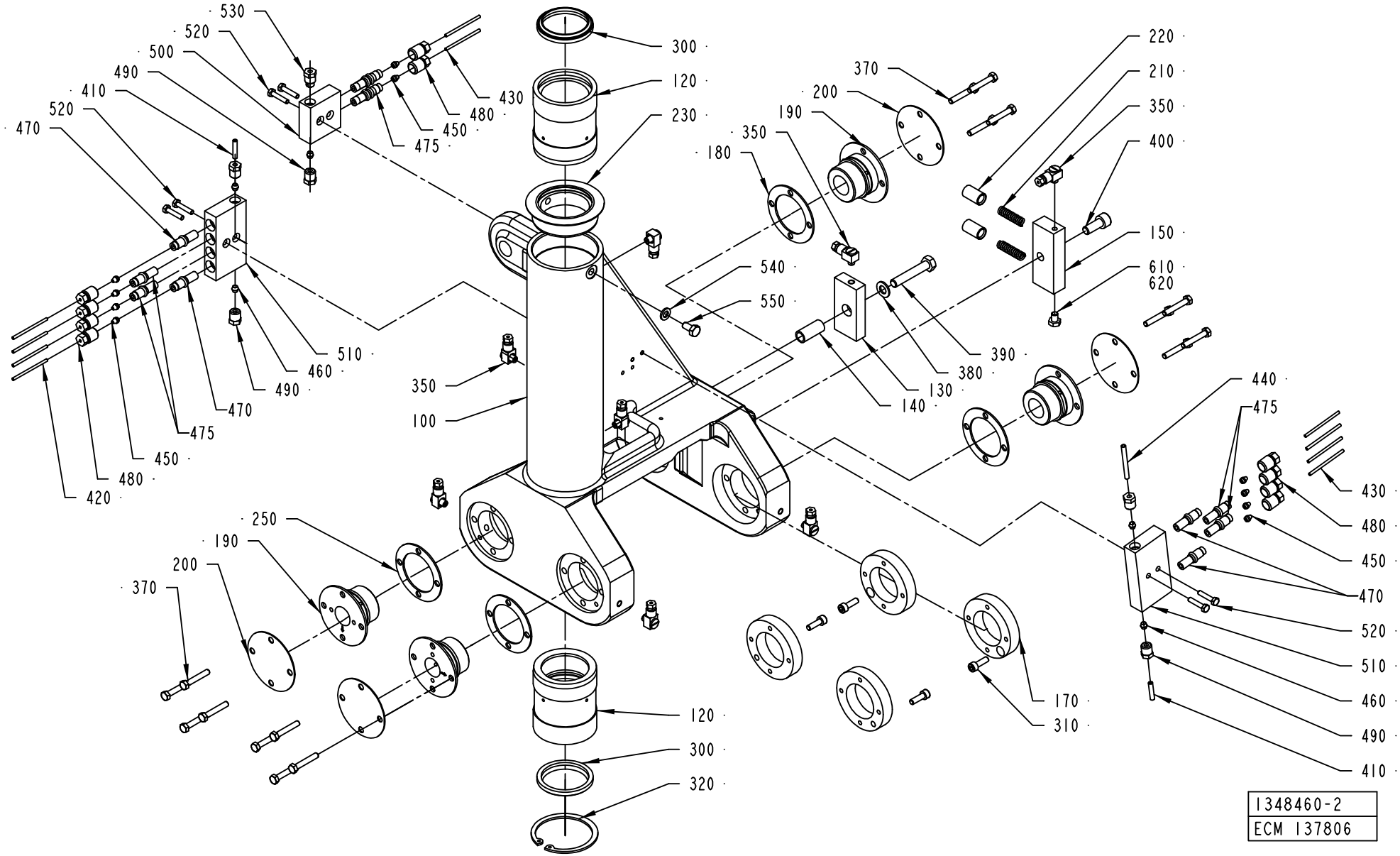
1348459-8
ECM 121915

ECM: 127883 - 20030922
Group number: 1348459-0200
Assembly Drawing: 1348459-8_1_AA

This list covers pages from 504 to 511

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000S (Cont'd) (See drawing on page: 504)						
120	1254225-0000	A		1	CARRIER RULER	
150	1520494-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TPA 1000SQ (See drawing on page: 508)						
050	1523145-0000	A		1	BEARING HOUSING	
060	2579988-0000	A		1	CUTTING JAW	
070	2579990-0000	A		1	SHAFT	
090	1487619-0000	A		1	PLATE	
100	1523146-0000	A		1	FOLDING FLAP	
110	1523147-0000	A		1	FOLDING FLAP	
120	1523177-0000	A		1	CARRIER RULER	
150	1520494-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1520633-0002	A		2	DOLLY	
320	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
430	2531703-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		2	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
560	1523827-0000	-		2	SCREW	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
910	2503699-0000	A		1	VOLUME BULGE	
920	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
Common Parts						
140	1538348-0000	A		2	CATCH	
220	22462-0000	A		2	SHAFT	
230	22463-0000	A		2	ROLL	
250	1255390-0000	A		2	BUSHING	
260	1035871-0000	-		2	SCREW	
270	1255389-0000	A		2	BUSHING	
290	1036494-0000	A		2	GUIDE BUSHING	
420	90153-0015	-		1	ADHESIVE,LOCTITE IS 496/CYANOLOT 303	
440	90242-0093	A	MM	550	O-RING MATERIAL 1,5 MM	
480	90091-0361	A		2	SCRAPER, EXCLUDER2 30X34,8X3,7 MM	
500	312105-0366	-		2	SCREW M6S M6X12 A280	
505	312105-0447	-		1	SCREW M6S ISO 4017 M8X12 A480	
520	312105-0465	-		1	SCREW M6S ISO 4014 M8X70 A480	
540	312115-0379	-		7	SCREW ISO4762 M6X45 A4	
600	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
650	315105-0165	-		2	WASHER BRB8,4X16RFR	
660	315105-0173	-		2	WASHER BRB10,5X22RFR	
700	315202-0104	A		2	O-RING 6,1X1,6 MM	
750	315211-0103	A		2	SEAL WASHER,NBR90/SS. 6,7X10X1 MM M6	
800	90141-0029	-		2	CIRCLIP	
900	342713-0209	A		2	PLUG, EXT THREAD HEX SOCKET 8638-00-180	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1348460-2
ECM 137806

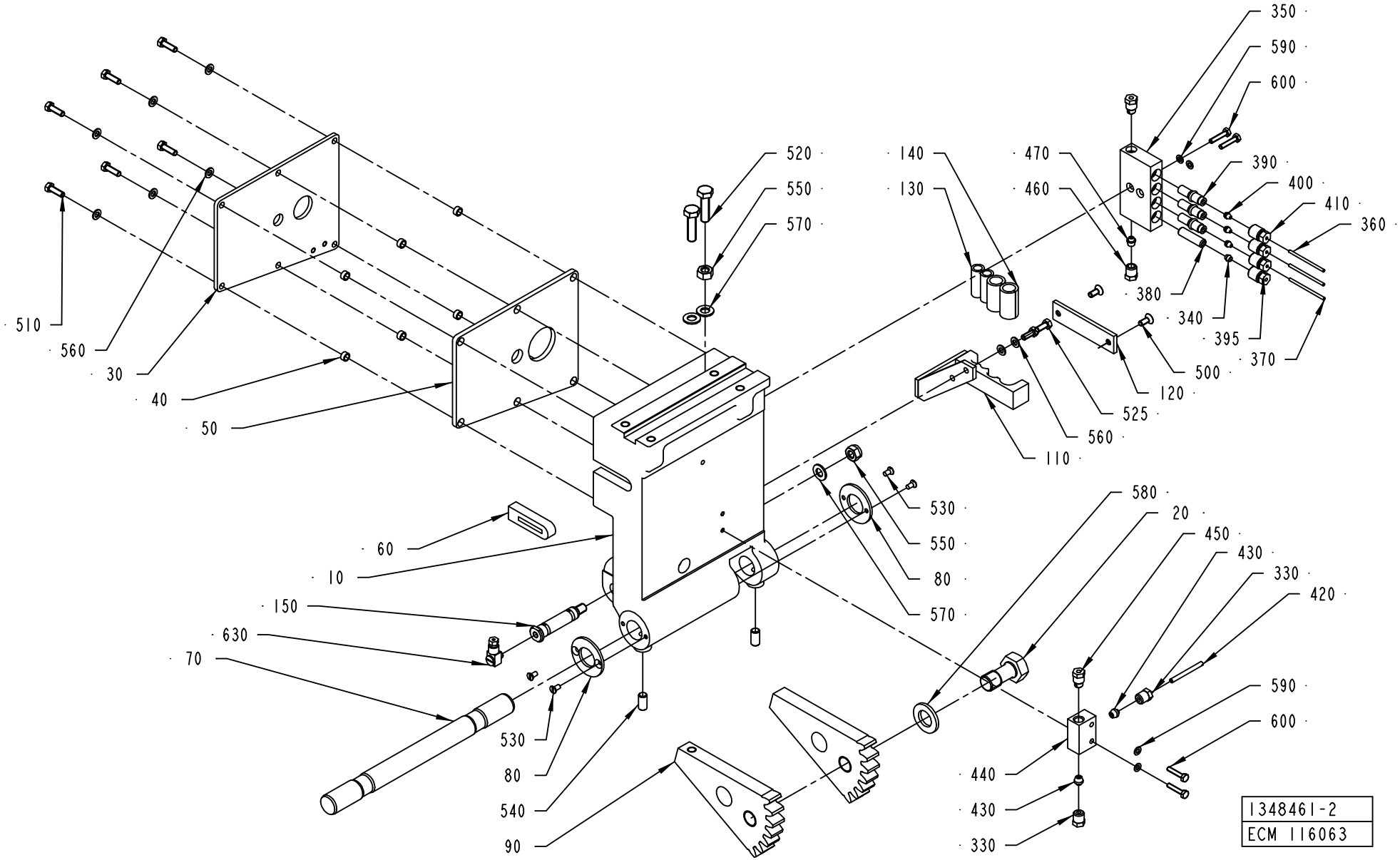
ECM: 133124 - 20030910
Group number: 1348460-0200
Assembly Drawing: 1348460-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
450	90028-0020	-		10	CONE TUBE 2,5MM	
460	90028-0021	-		5	CONE TUBE 4 MM	
470	90092-0052	-		4	METERING VALVE 10 MM3	
480	90134-0039	-		10	BUSHING VALVE CONNECTION 2,5 MM	
Common Parts						
100	1195361-0000	A		1	YOKE RIGHT	
120	1035954-0000	A		2	BUSHING	
130	1037104-0000	A		1	LOCATING PIECE	
140	1037106-0000	-		1	SLEEVE	
150	1349972-0000	-		1	SPRING HOUSING	
170	36753-0000	-		4	RING	
180	29886-0000	B		2	LACE	
190	246513-0000	A		4	BEARING	
200	239874-0000	-		4	WASHER	
210	20494-0000	A		2	COMPRESSION SPRING	
220	31838-0000	A		2	PLUNGER	
230	1349780-0000	B		1	LID	
250	1038509-0000	-		2	WASHER	
300	90091-0358	B		2	SCRAPER, ASOB 45X53X7 MM	
310	312115-0329	-		4	SCREW ISO4762 M5X16 A4	
320	315753-0135	-		1	RETAINING RING FOR HOLE, 60X2 MM	
350	90134-0058	-		8	CONNECTION	
370	312105-0335	-		16	SCREW M6S ISO 4014 M5X30 A480	
380	315105-0165	-		1	WASHER BRB8,4X16RFR	
390	312109-0460	-		1	SCREW M6S ISO 4017 M8X45 A480	
400	312115-0451	-		1	SCREW ISO4762 M8X20 A4	
410	90166-0109	-	MM	500	TUBE 4 MM PA,TRANSP.	
420	90166-0143	-	MM	500	TUBE 2,5 MM PA,TRANSP.	
430	90266-0019	-	MM	300	PIPE	
440	90266-0165	-	MM	500	BRASS PIPE	
475	90092-0054	-		6	METERING VALVE 50 MM3	
490	90134-0038	-		5	BUSHING/NUT INLET/OUTLET 4 MM	
500	90032-0038	-		1	BLOCK 2 WAYS	
510	90032-0039	-		2	BLOCK 4 WAYS	
520	312105-0295	-		6	SCREW M6S ISO4017 M4X20 A480	
530	90087-0019	-		1	PLUG M10X1 STAINLESS	
540	315105-0153	-		1	WASHER BRB6,4X12RFR	
550	312105-0366	-		1	SCREW M6S M6X12 A280	
610	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
620	90157-0021	-		1	LOCKING FLUID	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

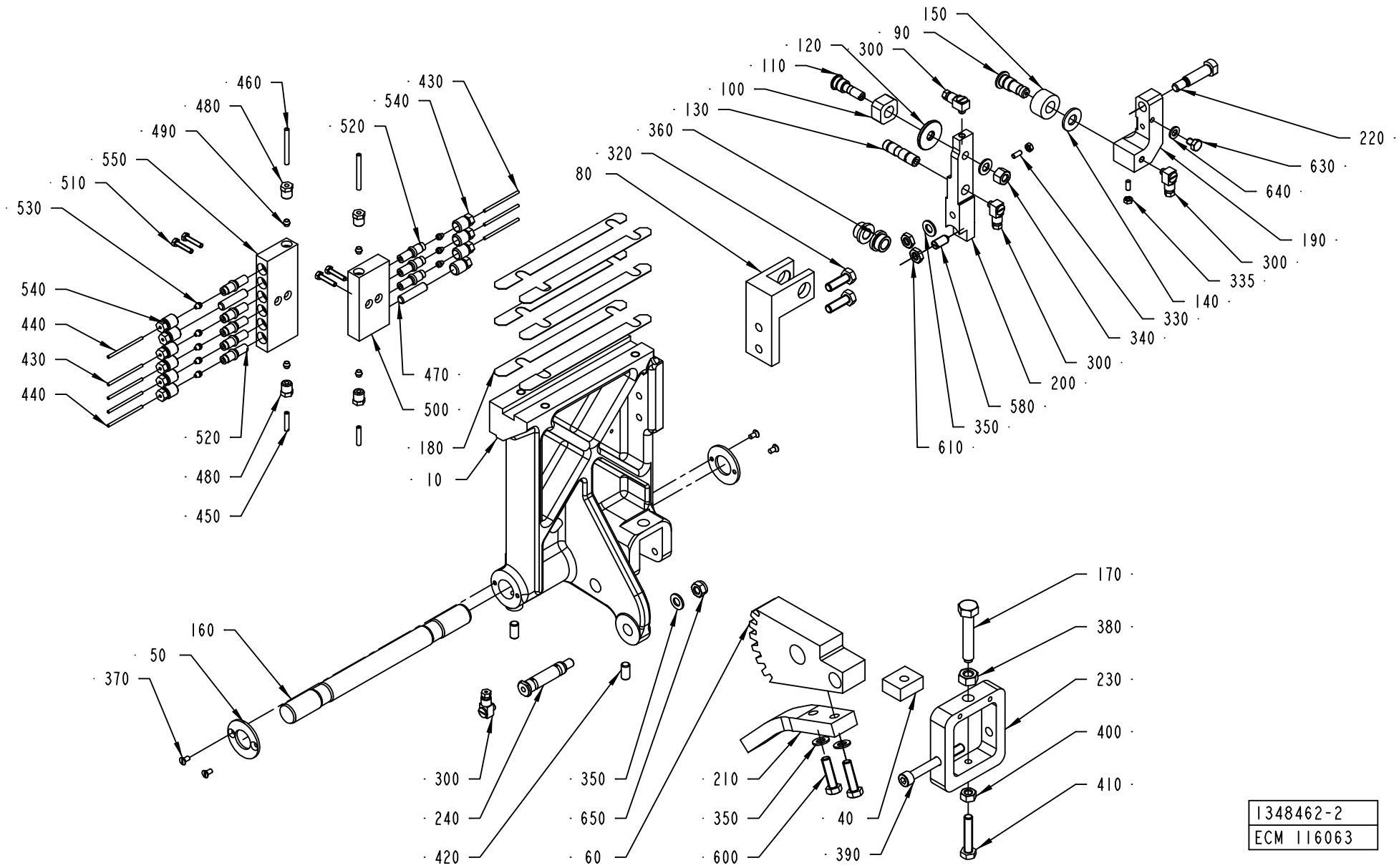
PRESSURE ARM RIGHT



ECM: 133126 - 20030710
Group number: 1348461-0200
Assembly Drawing: 1348461-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
030	1036485-0000	-		1	COVERING PLATE	
040	1036501-0000	-		6	SPACER	
050	1036484-0000	A		1	GASKET	
060	1036483-0000	A		1	SEAL	
390	90092-0052	-		3	METERING VALVE 10 MM3	
400	90028-0020	-		3	CONE TUBE 2,5MM	
510	312105-0329	-		6	SCREW M6S ISO 4017 M5X16 A480	
560	315105-0146	-		8	BRICKA BRB5,3X10RFR	
Common Parts						
010	1035878-0000	A		1	ARM RIGHT	
020	1037069-0000	-		1	SCREW	
070	1035788-0000	A		1	SHAFT	
080	536704-0000	A		2	WASHER	
090	1036156-0000	A		2	TOOTH PART	
110	1348196-0000	-		1	FASTENING PLATE	
120	1349868-0000	-		1	FASTENING PLATE	
130	1478000-0000	-		2	HOSE	
140	1478001-0000	-		2	HOSE	
150	1037853-0000	-		1	SHAFT	
330	90134-0038	-		2	BUSHING/NUT INLET/OUTLET 4 MM	
340	90028-0021	-		1	CONE TUBE 4 MM	
350	90032-0039	-		1	BLOCK 4 WAYS	
360	90166-0143	-	MM	1500	TUBE 2,5 MM PA,TRANSP.	
370	90266-0019	-	MM	500	PIPE	
380	90134-0051	-		1	SPACING COLLAR DOSING BLOCK	
395	90134-0040	-		1	BUSHING VALVE CONNECTION 4 MM	
410	90134-0039	-		3	BUSHING VALVE CONNECTION 2,5 MM	
420	90266-0165	-	MM	200	BRASS PIPE	
430	90028-0024	-		2	CONE TUBE 4 MM	
440	90032-0043	-		1	DISTRIBUTION BLOCK 3 WAYS	
450	90087-0019	-		2	PLUG M10X1 STAINLESS	
460	90134-0055	-		1	BUSHING/NUT INLET/OUTLET 6 MM	
470	90028-0025	-		1	CONE TUBE 6 MM	
500	312155-0327	-		2	SCREW EN 10642 MF6S M5X12 A480	
520	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
525	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
530	312145-0287	-		4	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
540	312318-0449	-		2	SCREW ISO4029 M8X16 A4	
550	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
570	315105-0165	-		1	WASHER BRB8,4X16RFR	
580	315105-0186	-		1	WASHER BRB17X30RFR	
590	315105-0136	-		4	WASHER BRB4,3XRFR	
600	312105-0295	-		4	SCREW M6S ISO4017 M4X20 A480	
630	90134-0058	-		1	CONNECTION	
640	312812-0318	-		1	HEXAGON NUT, NY-LOCK M8 A480	

Machine Type | Group Description | Used-In | Group Number | Page No

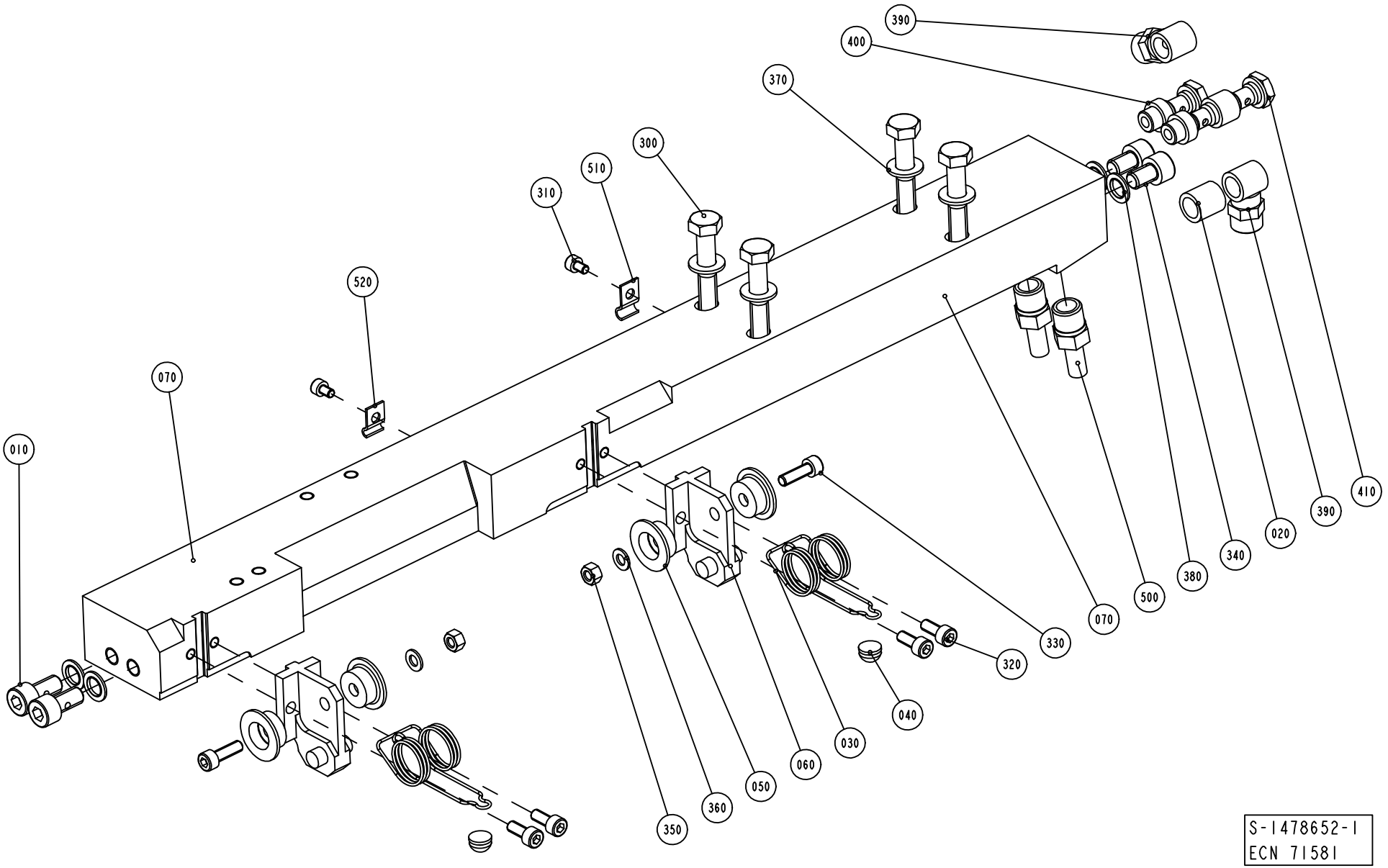


1348462-2
ECM 116063

ECM: 130235 - 20030922
Group number: 1348462-0200
Assembly Drawing: 1348462-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
080	1036617-0000	-		1	BRACKET	
090	1036620-0000	A		1	SHAFT	
100	256628-0000	A		1	PIECE	
110	256629-0001	A		1	AXLE PIN	
120	441706-0000	-		1	WASHER	
130	1036615-0000	A		1	SHAFT	
140	1036616-0000	-		1	WASHER	
150	1036618-0000	A		1	ROLL	
190	1348672-0000	A		1	JOINT RIGHT	
200	1512315-0000	A		1	ARM RIGHT	
220	1348669-0000	A		1	SCREW	
300	90134-0058	-		4	CONNECTION	
320	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
330	312318-0289	-		2	SCREW ISO4029 M4X10 A4	
335	312605-0312	-		2	HEXAGON NUT, M6M M4 A280	
340	312811-0318	-		1	NUT HEX.LOCK HELI COIL M8 SS	
350	315105-0165	-		5	WASHER BRB8,4X16RFR	
360	321101-0163	-		2	FLANGE BUSHING, 10X16X10 MM	
450	90166-0109	-	MM	500	TUBE 4 MM PA,TRANSP.	
470	90134-0052	-		2	PLUG DOSING BLOCK	
490	90028-0021	-		4	CONE TUBE 4 MM	
520	90092-0052	-		8	METERING VALVE 10 MM3	
530	90028-0020	-		8	CONE TUBE 2,5MM	
540	90134-0039	-		10	BUSHING VALVE CONNECTION 2,5 MM	
580	90287-0112	A		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
610	312625-0318	-		2	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
630	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
640	315105-0153	-		1	WASHER BRB6,4X12RFR	
Common Parts						
010	2536047-0000	A		1	ARM	
040	14729-0000	-		1	NUT	
050	536704-0000	A		2	WASHER	
060	1036155-0000	A		1	TOOTH PART	
160	1035788-0000	A		1	SHAFT	
170	32957-0000	-		1	SCREW	
180	1037254-0000	B		6	SHIM	
210	1484320-0000	-		1	ROD	
230	1038867-0000	-		1	BOW CLAMP	
240	1037853-0000	-		1	SHAFT	
370	312145-0287	-		4	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
380	312635-0320	-		1	NUT M6M 10X1 STAINLESS A2 80	
390	312115-0465	-		1	SCREW ISO4762 M8X70 A4	
400	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
410	312109-0459	-		1	SCREW M6S ISO 4017 M8X40 A480	
420	312318-0449	-		2	SCREW ISO4029 M8X16 A4	
430	90166-0143	-	M	3	TUBE 2,5 MM PA,TRANSP.	
440	90266-0019	-	MM	200	PIPE	
460	90266-0165	-	MM	100	BRASS PIPE	
480	90134-0038	-		4	BUSHING/NUT INLET/OUTLET 4 MM	
500	90032-0039	-		1	BLOCK 4 WAYS	
510	312105-0295	-		4	SCREW M6S ISO4017 M4X20 A480	
550	90032-0040	-		1	BLOCK 6 WAYS	
600	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
650	312812-0318	-		1	HEXAGON NUT, NY-LOCK M8 A480	

Machine Type	Group Description	Used-In	Group Number	Page No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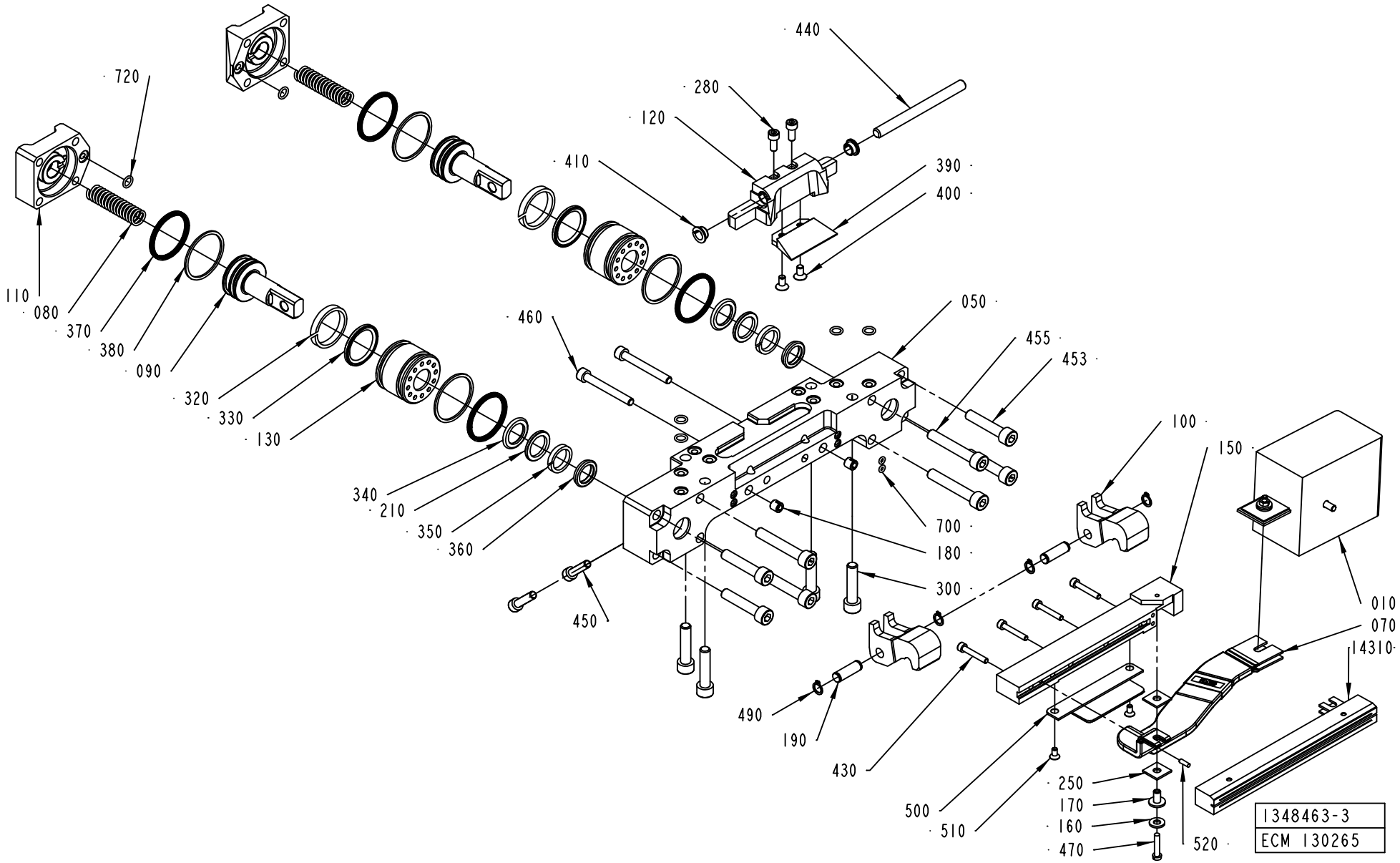
S-1478652-1
ECN 71581

ECM: 139795 - 20030505
Group number: 1478652-0100
Assembly Drawing: 1478652-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TBA 1500S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ						
070	1348857-0000	A		1	CARRIER	
TPA 1000SQ						
070	2581998-0000	A		1	CARRIER	
Common Parts						
010	1036343-0000	-		2	SCREW	
020	1038405-0000	-		1	SPACER	
030	1549378-0000	A		2	SPRING	
040	1129552-0000	A		2	KNOB	
050	1129833-0000	-		4	GUIDE ROLLER	
060	2588013-0000	A		2	BRACKET	
	2587997-0000	*-*		*1*	*PIN*	
300	312105-0460	-		4	SCREW M6S ISO 4014 M8X45 A480	
310	312115-0285	-		2	SCREW ISO4762 M4X6 A4	
320	312115-0327	-		4	SCREW ISO4762 M5X12 A4	
330	312115-0329	-		2	SCREW ISO4762 M5X16 A4	
340	312115-0447	-		2	SCREW ISO4762 M8X12 A4	
350	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
360	315105-0146	-		2	BRICKA BRB5,3X10RFR	
370	315105-0165	-		4	WASHER BRB8,4X16RFR	
380	315211-0104	A		4	SEAL WASHER,NBR90/SS. 8,7X14X1 MM M8	
390	342980-0121	-		2	BANJO-CONNECTION,RING 8/6-G1/8"	
400	342980-0303	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.01-G1/8"	
410	342980-0313	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.02-G1/8"	
500	90030-0065	-		2	PIPE CONNECTION	
510	90165-0056	-		1	PIPE CLIP FOR TUBE D=4 MM	
520	90165-0058	-		1	PIPE CLIP FOR TUBE D=25 MM	

Pos	Part No	SP	UN	Qty	Description	Page No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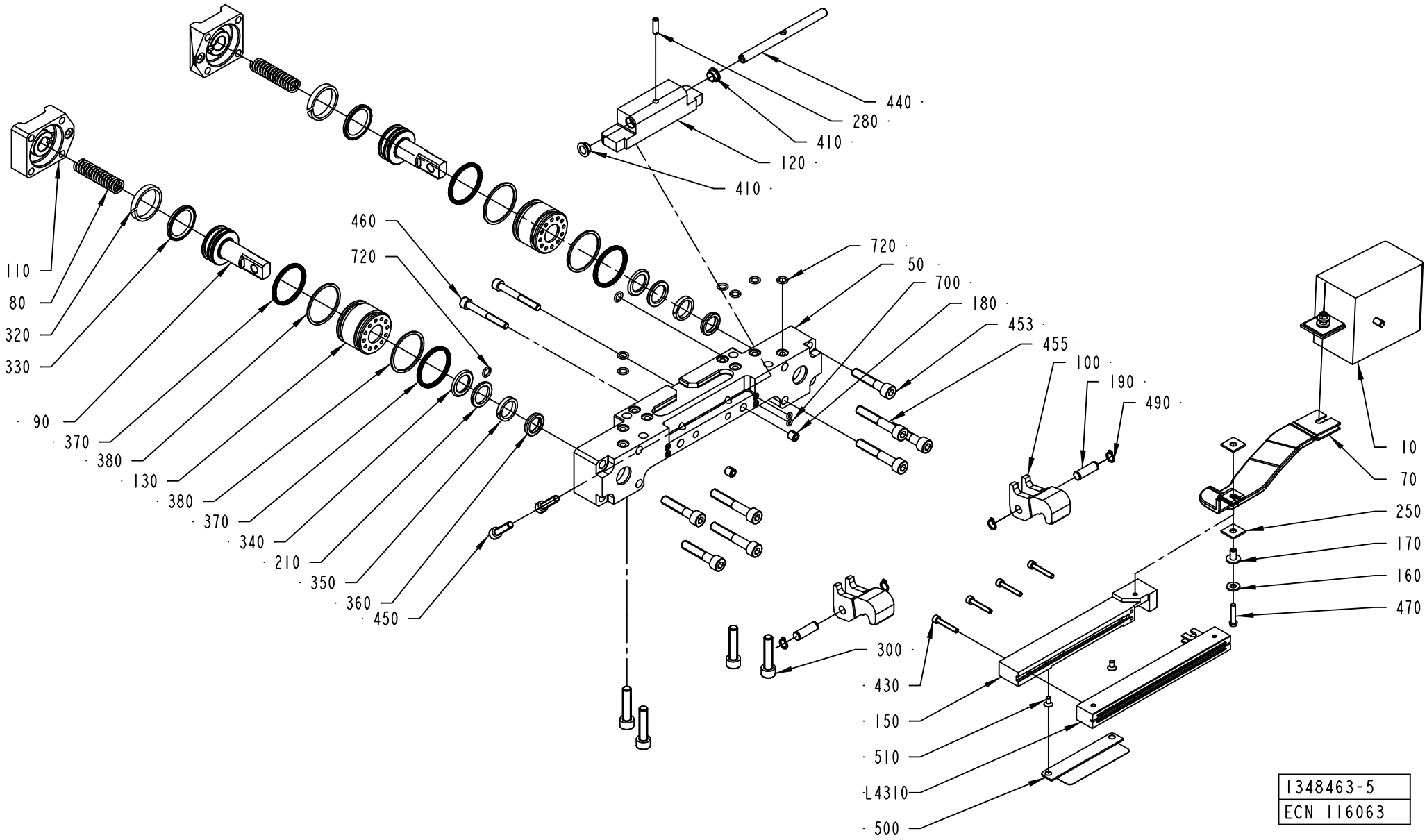
ECM 130265

ECM: 130293 - 20030611
Group number: 1348463-0200
Assembly Drawing: 1348463-3_1_AC

This list covers pages from 520 to 525

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0250B (See drawing on page: 522)						
090	929372-0000	A		2	PISTON	
120	1349599-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	1349980-0000	A		1	SHAFT	
L4310	1110932-0000	A		1	INDUCTOR	
TBA 0200S (See drawing on page: 520)						
090	929372-0000	A		2	PISTON	
120	2513015-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	2531703-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	2513013-0000	A		1	SHAFT	
L4310	1110930-0000	A		1	INDUCTOR	
TBA 0250S (See drawing on page: 522)						
090	929372-0000	A		2	PISTON	
120	2520465-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	2520466-0000	A		1	SHAFT	
L4310	1110931-0000	A		1	INDUCTOR	
TBA 0330S (See drawing on page: 522)						
090	929372-0000	A		2	PISTON	
120	2545014-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	1349980-0000	A		1	SHAFT	
L4310	1110932-0000	A		1	INDUCTOR	
TBA 0500B (See drawing on page: 522)						
090	1349612-0000	A		2	PISTON	
120	1348544-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1558820-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1347562-0000	A		1	SHAFT	
500	1558734-0000	A		1	VOLUME BULGE	
510	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
L4310	1110938-0000	A		1	INDUCTOR	
TBA 0500S (See drawing on page: 520)						
090	1349612-0000	A		2	PISTON	
120	1511064-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1349980-0000	A		1	SHAFT	
L4310	1110934-0000	A		1	INDUCTOR	
TBA 1000B (See drawing on page: 522)						
090	1349612-0000	A		2	PISTON	
120	1348544-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	

Machine Type | Group Description | Used-In | Group Number | Page No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ECN 116063

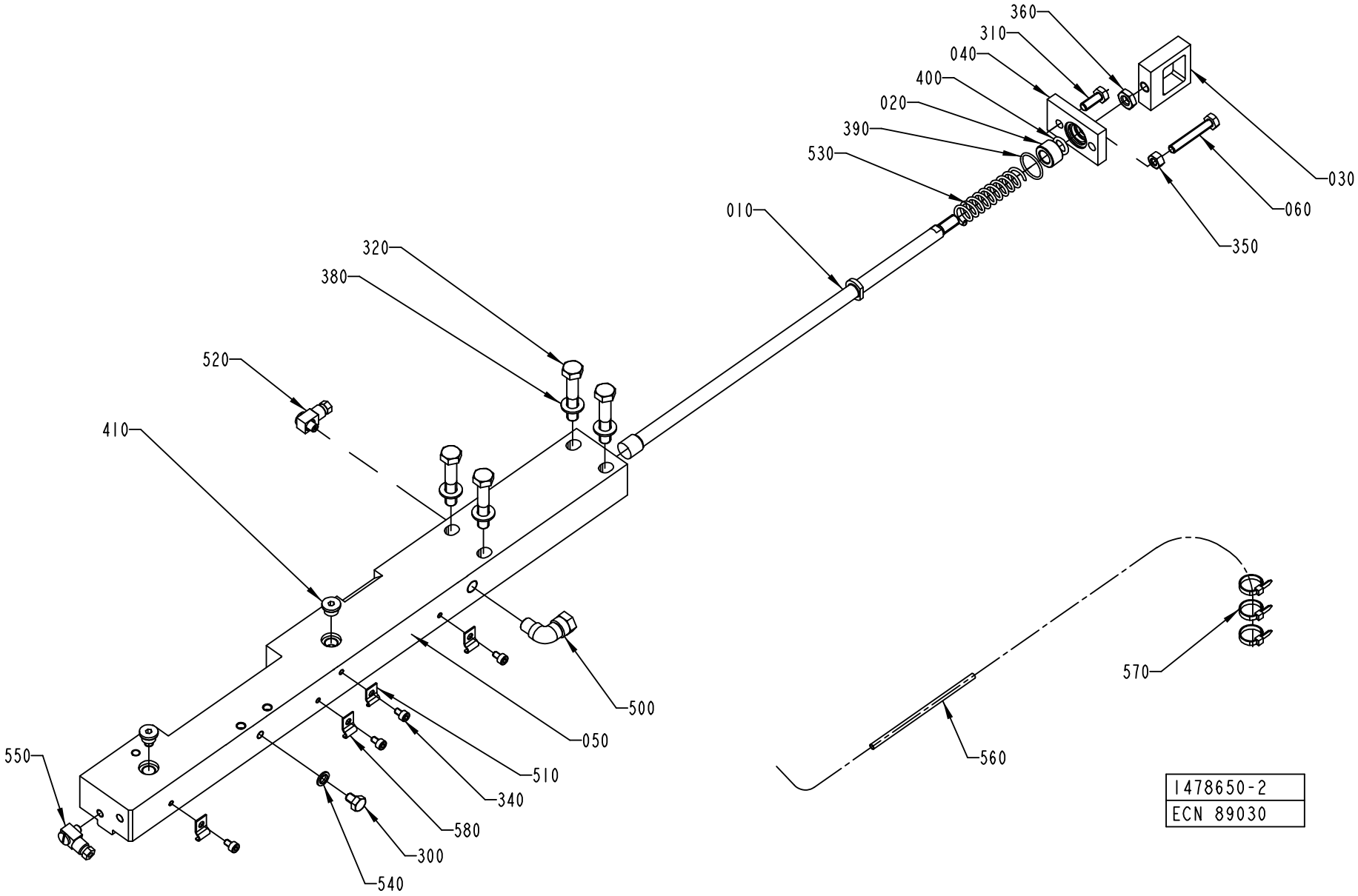
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000B (Cont'd) (See drawing on page: 522)						
150	1348546-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1347562-0000	A		1	SHAFT	
L4310	1110938-0000	A		1	INDUCTOR	
TBA 1000S (See drawing on page: 520)						
090	1349612-0000	A		2	PISTON	
120	1349582-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1347562-0000	A		1	SHAFT	
L4310	1110937-0000	A		1	INDUCTOR	
TBA 1000SQ (See drawing on page: 520)						
090	1349612-0000	A		2	PISTON	
120	2526811-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	2531703-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	2526812-0000	A		1	SHAFT	
L4310	1110936-0000	A		1	INDUCTOR	
TBA 1500S (See drawing on page: 520)						
090	1349612-0000	A		2	PISTON	
120	1349206-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1347562-0000	A		1	SHAFT	
L4310	1110938-0000	A		1	INDUCTOR	
TPA 0250SQ (See drawing on page: 520)						
090	929372-0000	A		2	PISTON	
120	1549585-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	1349863-0000	A		1	SHAFT	
L4310	1110930-0000	A		1	INDUCTOR	
TPA 0330SQ (See drawing on page: 520)						
090	929372-0000	A		2	PISTON	
120	1538250-0000	A		1	HOLDER	
130	1349595-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0391	A		2	SEAL SLYDRING	
330	90091-0398	A		2	PISTON SEAL, GLID RING T 20,5X28X3,2 MM	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		3	SCREW ISO4762 M4X25 A4	
440	1349863-0000	A		1	SHAFT	
L4310	1520167-0000	A		1	INDUCTOR	
TPA 0500SQ SMILE (See drawing on page: 520)						
090	1349612-0000	A		2	PISTON	
120	2570848-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1558820-0000	A		1	RAIL	
280	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
390	1549834-0000	-		1	VOLUME BULGE	

See previous drawings pages: 520, 522.

ECM: 130293 - 20030611
Group number: 1348463-0200
Assembly Drawing: 1348463-5_1_AA

This list covers pages from 520 to 525

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0500SQ SMILE (Cont'd) (See drawing on page: 520)						
400	312155-0325	-		2	SCREW EN 10642 MF6S M5X10 A480	
410	2570849-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	2513013-0000	A		1	SHAFT	
500	2503688-0000	A		1	VOLUME BULGE	
510	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
520	311103-0233	-		1	PARALLEL PIN ISO 2338 3M6X10 A1	
L4310	2587467-0000	A		1	INDUCTOR	
TPA 1000S (See drawing on page: 522)						
090	1349612-0000	A		2	PISTON	
120	1349583-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1348546-0000	A		1	RAIL	
280	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	1349584-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	1347562-0000	A		1	SHAFT	
L4310	1110935-0000	A		1	INDUCTOR	
TPA 1000SQ (See drawing on page: 520)						
090	1349612-0000	A		2	PISTON	
120	2579989-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1558820-0000	A		1	RAIL	
280	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
410	2531703-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	2579990-0000	A		1	SHAFT	
500	2503700-0000	A		1	VOLUME BULGE	
510	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
L4310	1520052-0000	A		1	INDUCTOR	
TPA 1000SQ SMILE (See drawing on page: 520)						
090	1349612-0000	A		2	PISTON	
120	2579991-0000	A		1	HOLDER	
130	1348504-0000	A		2	SLEEVE	
150	1558820-0000	A		1	RAIL	
280	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
320	90091-0368	A		2	WEAR RING 30X45X5,3 MM	
330	90091-0428	A		2	PISTON SEAL, GLID RING T 27,5X34,5X3,2 M	
390	2500591-0000	-		1	VOLUME BULGE	
400	312155-0325	-		2	SCREW EN 10642 MF6S M5X10 A480	
410	2531703-0000	A		2	BUSHING	
430	312115-0297	-		4	SCREW ISO4762 M4X25 A4	
440	2579990-0000	A		1	SHAFT	
500	2503700-0000	A		1	VOLUME BULGE	
510	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
L4310	1520052-0000	A		1	INDUCTOR	
Common Parts						
010	1035448-0100	-		1	ADAPTION TRANSFORMER	**501**
050	2569908-0000	A		1	BEARING HOUSING	
070	1523093-0000	A		1	BUSBAR	
080	1260328-0000	A		2	SPRING	
100	1538349-0000	A		2	CATCH	
110	1348503-0000	A		2	LID	
160	28509-0000	A		1	BRICKA	
170	32544-0000	A		1	INSULATION NUT	
180	107426-0000	A		2	GUIDE SLEEVE	
190	950351-0000	A		2	SHAFT	
210	1038240-0000	-		2	SPACER	
250	1036584-0000	A		2	WASHER	
300	312115-0457	-		4	SCREW ISO4762 M8X35 A4	
340	90091-0364	A		2	ROD SEAL, STEPSEAL 18X25,3X3,2 MM	
350	90091-0366	A		2	WEAR RING 18X23X3,9 MM	
360	90091-0362	A		2	SCRAPER, EXCLUDER2 18X22,8X3,7 MM	
370	90091-0359	A		4	X-SEAL 36,17X2,62 MM	
380	90091-0360	A		4	BACK-UP RING 37,5X1,4 MM	
450	312115-0372	-		2	SCREW ISO4762 M6X25 A4	
453	312115-0459	-		4	SCREW ISO4762 M8X40 A4	
455	312115-0461	-		4	SCREW ISO4762 M8X50 A4	
460	312115-0380	-		2	SCREW ISO4762 M6X50 A4	
470	312125-0295	-		1	SCREW PAN HEAD MCS M4X20 SS	
490	90141-0015	A		4	RETAIN. RING, 8	
700	315202-0101	A		2	O-RING 3,1X1,6 MM	
720	315202-0105	A		8	O-RING 7,1X1,6 MM	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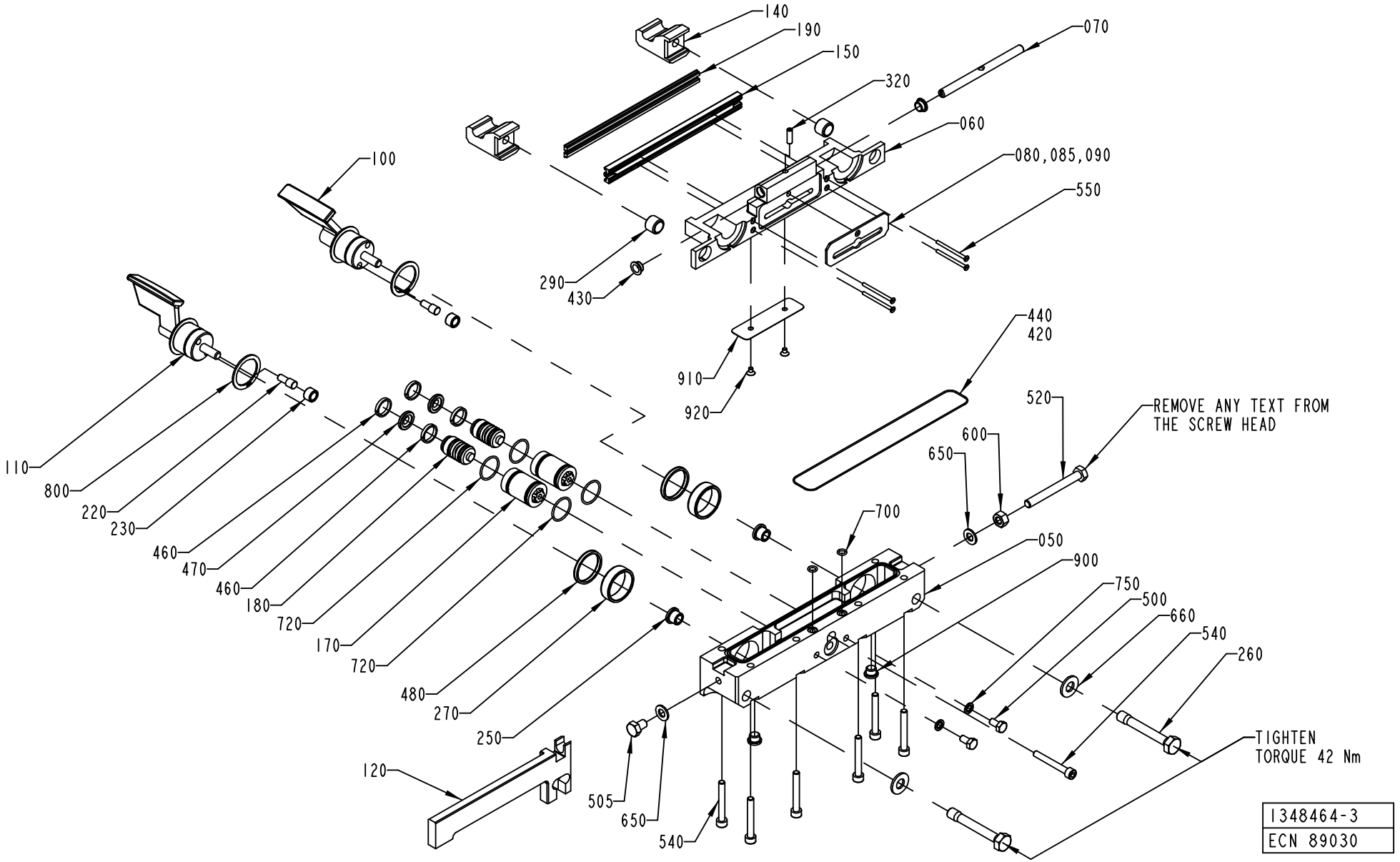
1478650-2
ECN 89030

ECM: 139725 - 20030505
Group number: 1478650-0200
Assembly Drawing: 1478650-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S						
010	1036276-0000	A		1	TIE ROD	
050	2570531-0000	A		1	CARRIER	
TBA 0500S, TBA 0330S, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ						
010	1037525-0000	A		1	TIE ROD	
050	2570531-0000	A		1	CARRIER	
TPA 1000SQ						
010	1037525-0000	A		1	TIE ROD	
050	2581999-0000	A		1	CARRIER	
Common Parts						
020	1036495-0000	A		1	BUSHING	
030	1036585-0000	A		1	EAR	
040	1036389-0000	-		1	LID	
060	1523162-0000	-		1	SCREW	
300	312105-0362	-		1	SCREW M6S ISO 4017 M6X8 A480	
310	312105-0368	-		1	SCREW M6S M6X16 A280	
320	312105-0460	-		4	SCREW M6S ISO 4014 M8X45 A480	
340	312115-0285	-		4	SCREW ISO4762 M4X6 A4	
350	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
360	312625-0318	-		1	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
380	315105-0165	-		4	WASHER BRB8,4X16RFR	
390	315202-0116	A		1	O-RING 18,1X1,6 MM	
400	315202-0208	A		1	O-RING 9,3X2,4 MM	
410	342713-0209	A		2	PLUG, EXT THREAD HEX SOCKET 8638-00-180	
500	90030-0257	-		1	CONN. ELBOW, 8-R1/8, EXT.THREAD	
510	90165-0058	-		1	PIPE CLIP FOR TUBE D=25 MM	
520	90134-0058	-		1	CONNECTION	
530	1548940-0000	A		1	SPRING	
540	315211-0103	A		1	SEAL WASHER,NBR90/SS. 6,7X10X1 MM M6	
550	90134-0068	-		1	CONNECTION	
560	90266-0165	-	MM	800	BRASS PIPE	
570	352113-0101	-		3	CLIP STRIP, 92X2,5 MM	
580	90165-0056	-		4	PIPE CLIP FOR TUBE D=4 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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REMOVE ANY TEXT FROM THE SCREW HEAD
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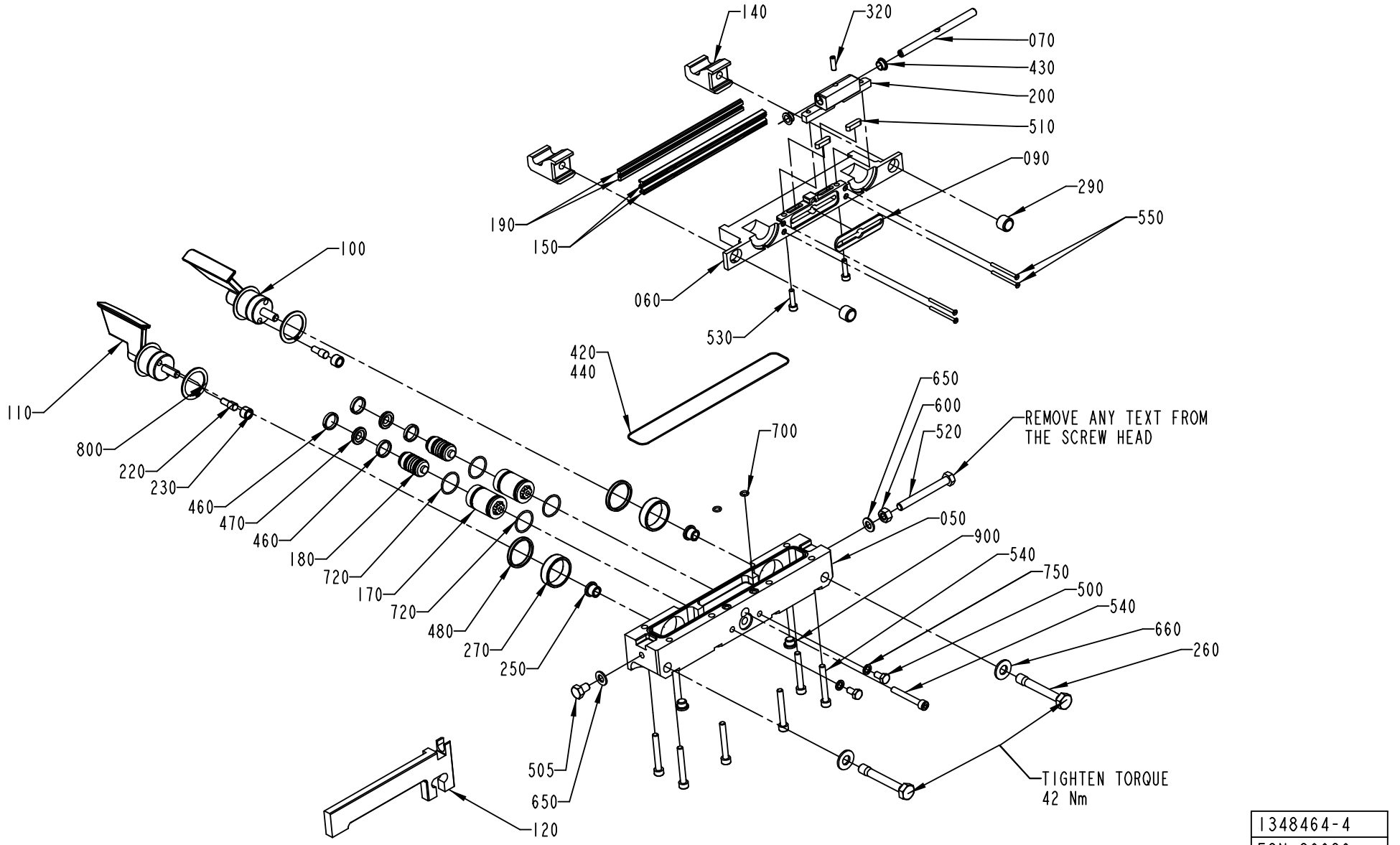
TIGHTEN TORQUE 42 Nm
1348464-3
ECN 89030

ECM: 127884 - 20030922
Group number: 1348464-0200
Assembly Drawing: 1348464-3_1_AA

This list covers pages from 528 to 535

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S (See drawing on page: 534)						
050	1549807-0000	A		1	BEARING HOUSING	
060	2513014-0000	A		1	CUTTING JAW	
070	2513013-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	2507090-0000	A		1	FOLDING FLAP	
110	2507091-0000	A		1	FOLDING FLAP	
120	1255462-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	752288-0000	A		2	SLEEVE	
180	752115-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
430	2531703-0000	A		2	BUSHING	
460	90091-0169	A		4	WEAR RING 12X15X3,2 MM	
470	90091-0216	A		2	PISTON SEAL, GLIDORING 7,1X12X2,2 MM	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0110	A		2	O-RING 12,1X1,6 MM	
TBA 0250S (See drawing on page: 528)						
050	2520468-0000	A		1	BEARING HOUSING	
060	2520469-0000	A		1	CUTTING JAW	
070	2520466-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	2507090-0000	A		1	FOLDING FLAP	
110	2507091-0000	A		1	FOLDING FLAP	
120	2520471-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	752288-0000	A		2	SLEEVE	
180	752115-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0169	A		4	WEAR RING 12X15X3,2 MM	
470	90091-0216	A		2	PISTON SEAL, GLIDORING 7,1X12X2,2 MM	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0110	A		2	O-RING 12,1X1,6 MM	
TBA 0330S, TBA 0200B, TBA 0250B (See drawing on page: 528)						
050	1549806-0000	A		1	BEARING HOUSING	
060	2545013-0000	A		1	CUTTING JAW	
070	1349980-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	2507078-0000	A		1	FOLDING FLAP	
110	2507079-0000	A		1	FOLDING FLAP	
120	1255463-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	752288-0000	A		2	SLEEVE	
180	752115-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0169	A		4	WEAR RING 12X15X3,2 MM	
470	90091-0216	A		2	PISTON SEAL, GLIDORING 7,1X12X2,2 MM	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0110	A		2	O-RING 12,1X1,6 MM	
TBA 0500B (See drawing on page: 528)						
050	1549803-0000	A		1	BEARING HOUSING	
060	1348543-0000	A		1	CUTTING JAW	
070	1347562-0000	A		1	SHAFT	
090	1349925-0000	A		1	PLATE	
100	1511697-0000	A		1	FOLDING FLAP	
110	1511698-0000	A		1	FOLDING FLAP	
120	1255461-0000	A		1	CARRIER RULER	
150	1520455-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
910	1558733-0000	A		1	VOLUME BULGE	
920	312155-0285	-		2	SCREW HEX.SOCK.COUNT.MF6S M4X6 A480	
TBA 0500S (See drawing on page: 528)						
050	1549809-0000	A		1	BEARING HOUSING	
060	1511063-0000	A		1	CUTTING JAW	

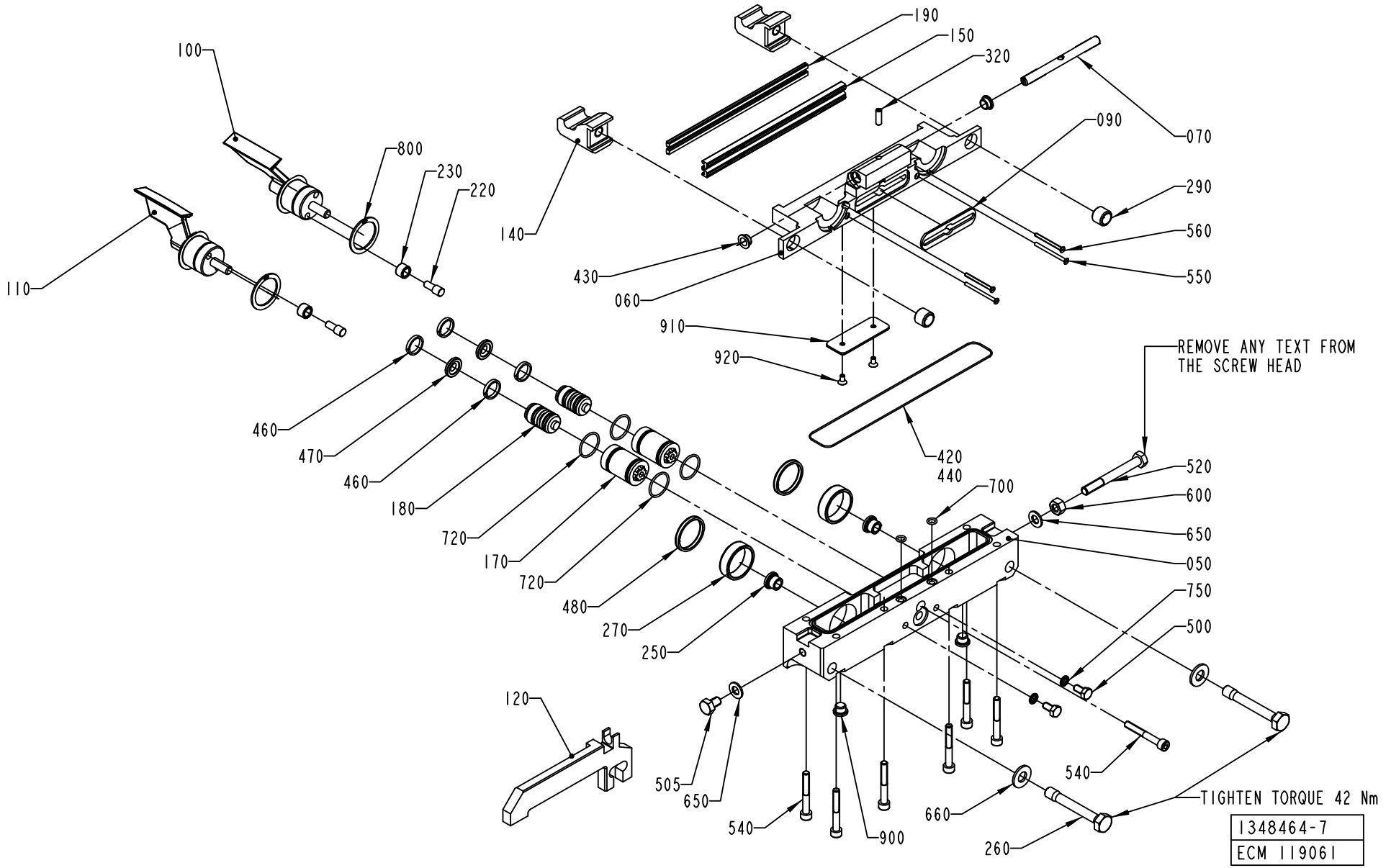
Machine Type | Group Description | Used-In | Group Number | Page No



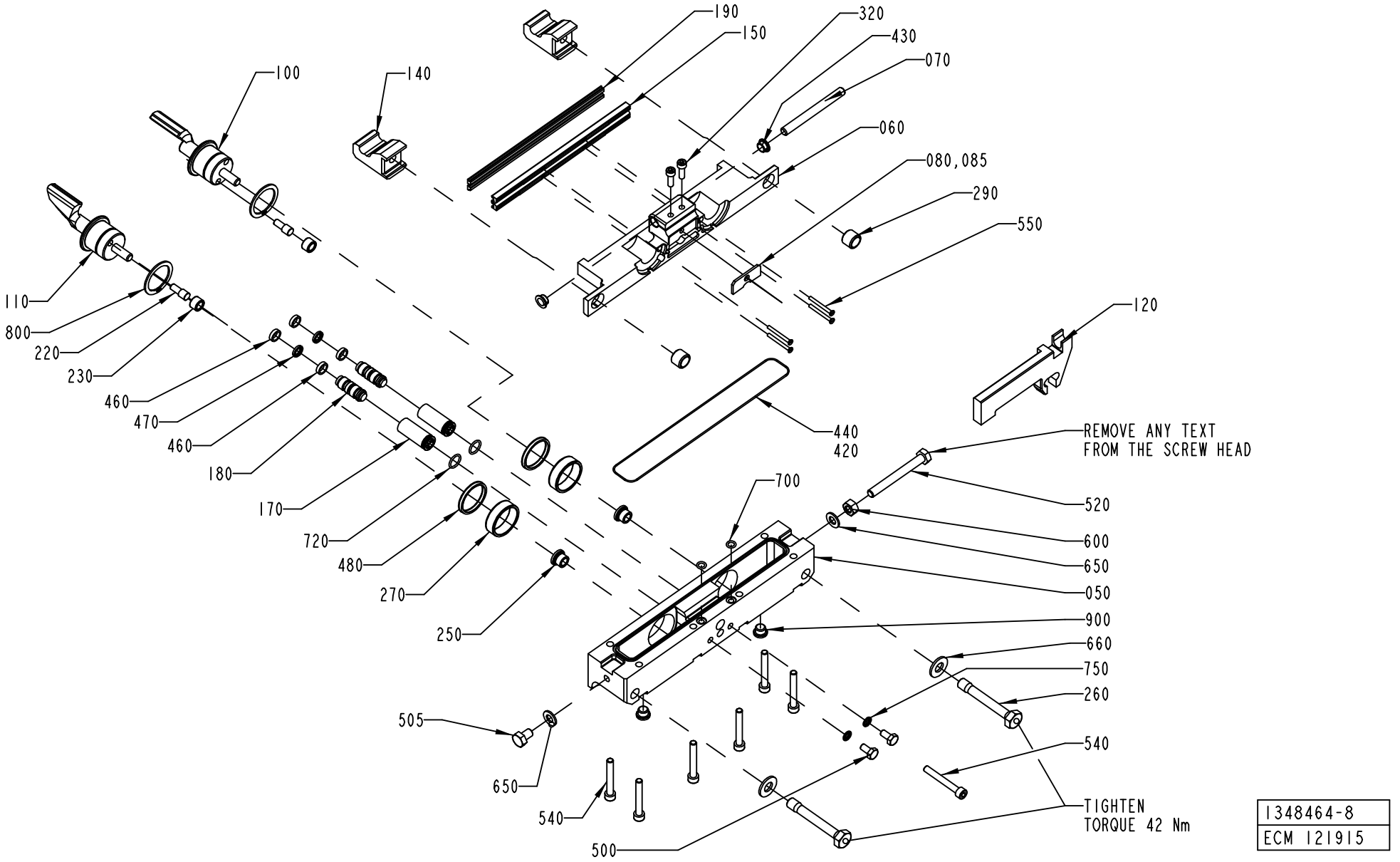
1348464-4
ECN 89030

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S (Cont'd) (See drawing on page: 528)						
070	1349980-0000	A		1	SHAFT	
090	1487619-0000	A		1	PLATE	
100	2507085-0000	A		1	FOLDING FLAP	
110	2507086-0000	A		1	FOLDING FLAP	
120	1511188-0000	A		1	CARRIER RULER	
150	1520494-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TBA 1000B (See drawing on page: 528)						
050	1549803-0000	A		1	BEARING HOUSING	
060	1348543-0000	A		1	CUTTING JAW	
070	1347562-0000	A		1	SHAFT	
090	1349925-0000	A		1	PLATE	
100	1511697-0000	A		1	FOLDING FLAP	
110	1511698-0000	A		1	FOLDING FLAP	
120	1255461-0000	A		1	CARRIER RULER	
150	1520455-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TBA 1000S (See drawing on page: 528)						
050	1549804-0000	A		1	BEARING HOUSING	
060	1349578-0000	A		1	CUTTING JAW	
070	1347562-0000	A		1	SHAFT	
090	1349925-0000	A		1	PLATE	
100	1511699-0000	A		1	FOLDING FLAP	
110	1511700-0000	A		1	FOLDING FLAP	
120	1255464-0000	A		1	CARRIER RULER	
150	1520455-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TBA 1000SQ (See drawing on page: 530)						
050	1549808-0000	A		1	BEARING HOUSING	
060	1487618-0000	A		1	CUTTING JAW	
070	2526812-0000	A		1	SHAFT	
090	1487619-0000	A		1	PLATE	
100	2507076-0000	A		1	FOLDING FLAP	
110	2507077-0000	A		1	FOLDING FLAP	
120	1360319-0000	A		1	CARRIER RULER	
150	1520494-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
200	2526810-0000	A		1	HOLDER	
320	312115-0327	-		2	SCREW ISO4762 M5X12 A4	
430	2531703-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
510	315705-0201	-		2	PARALLEL KEY W. ROUND ENDS 5X5X20 MM	
530	312115-0331	-		2	SCREW ISO4762 M5X20 A4	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TBA 1500S (See drawing on page: 528)						
050	1549803-0000	A		1	BEARING HOUSING	
060	1349203-0000	A		1	CUTTING JAW	
070	1347562-0000	A		1	SHAFT	
090	1349925-0000	A		1	PLATE	
100	2507092-0000	A		1	FOLDING FLAP	
110	2507093-0000	A		1	FOLDING FLAP	

CUTTING JAW RIGHT



Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1500S (Cont'd) (See drawing on page: 528)						
120	1255461-0000	A		1	CARRIER RULER	
150	1520455-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TPA 0250SQ (See drawing on page: 528)						
050	1549807-0000	A		1	BEARING HOUSING	
060	1549587-0000	A		1	CUTTING JAW	
070	1349863-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	1549588-0000	A		1	FOLDING FLAP	
110	1549589-0000	A		1	FOLDING FLAP	
120	1255462-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	752288-0000	A		2	SLEEVE	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0169	A		4	WEAR RING 12X15X3,2 MM	
470	90091-0216	A		2	PISTON SEAL, GLIDORING 7,1X12X2,2 MM	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0110	A		2	O-RING 12,1X1,6 MM	
TPA 0330SQ (See drawing on page: 528)						
050	2505277-0000	A		1	BEARING HOUSING	
060	1538253-0000	A		1	CUTTING JAW	
070	1349863-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	2507096-0000	A		1	FOLDING FLAP	
110	2507097-0000	A		1	FOLDING FLAP	
120	1538769-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	752288-0000	A		2	SLEEVE	
180	752115-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0169	A		4	WEAR RING 12X15X3,2 MM	
470	90091-0216	A		2	PISTON SEAL, GLIDORING 7,1X12X2,2 MM	
550	312145-0234	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X30 SS	
720	315202-0110	A		2	O-RING 12,1X1,6 MM	
TPA 0500SQ (See drawing on page: 532)						
050	1549826-0000	A		1	BEARING HOUSING	
060	2570850-0000	A		1	CUTTING JAW	
070	2513013-0000	A		1	SHAFT	
080	1484002-0000	A		1	PLATE	
085	1484003-0000	A		1	PLATE	
100	1549822-0000	A		1	FOLDING FLAP	
110	1549823-0000	A		1	FOLDING FLAP	
120	1549825-0000	A		1	CARRIER RULER	
150	1520493-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312115-0325	A		2	SCREW ISO4762 M5X10 A4	
430	2570849-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
910	2503689-0000	A		1	VOLUME BULGE	
920	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
TPA 1000S (See drawing on page: 528)						
050	1549805-0000	A		1	BEARING HOUSING	
060	1349579-0000	A		1	CUTTING JAW	
070	1347562-0000	A		1	SHAFT	
090	1349925-0000	A		1	PLATE	
100	2507083-0000	A		1	FOLDING FLAP	
110	2507084-0000	A		1	FOLDING FLAP	
120	1254226-0000	A		1	CARRIER RULER	
150	1520494-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	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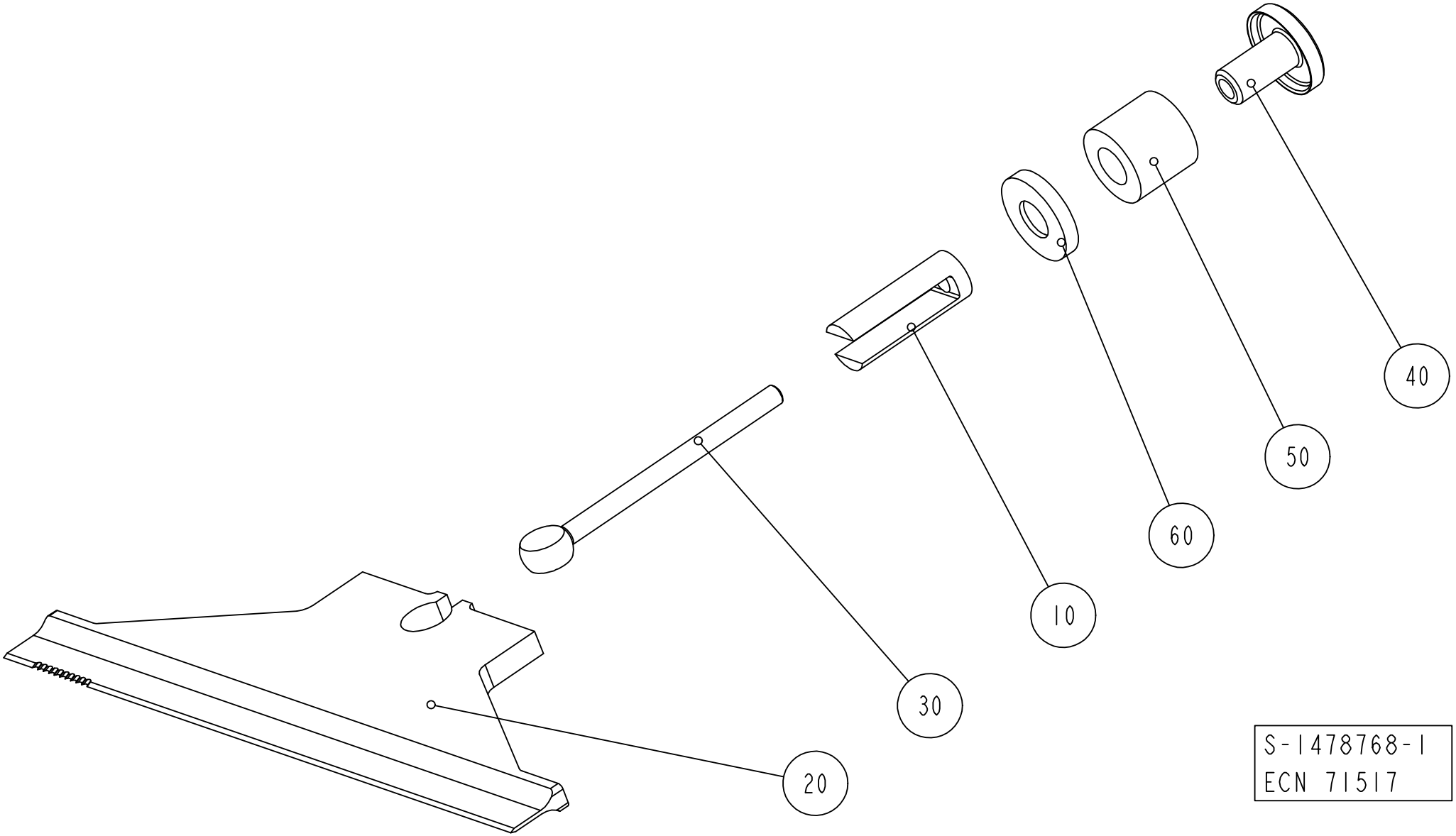
TORQUE 42 Nm
1348464-8
ECM 121915

ECM: 127884 - 20030922
Group number: 1348464-0200
Assembly Drawing: 1348464-8_1_AA

This list covers pages from 528 to 535

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000S (Cont'd) (See drawing on page: 528)						
180	1036279-0000	A		2	PLUNGER	
190	1110083-0002	A		2	DOLLY	
320	312318-0329	A		1	SCREW ISO4029 M5X16 A4	
430	1349584-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		4	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
TPA 1000SQ (See drawing on page: 532)						
050	1523145-0000	A		1	BEARING HOUSING	
060	2579988-0000	A		1	CUTTING JAW	
070	2579990-0000	A		1	SHAFT	
090	1487619-0000	A		1	PLATE	
100	1523146-0000	A		1	FOLDING FLAP	
110	1523147-0000	A		1	FOLDING FLAP	
120	1523148-0000	A		1	CARRIER RULER	
150	1520494-0000	A		2	CUTTING RAIL	
170	1036278-0000	A		2	SLEEVE	
180	1036279-0000	A		2	PLUNGER	
190	1520633-0002	A		2	DOLLY	
320	312115-0329	A		2	SCREW ISO4762 M5X16 A4	
430	2531703-0000	A		2	BUSHING	
460	90091-0367	A		4	WEAR RING 16X18X3,1 MM	
470	90091-0365	A		2	SEAL GLIDORING 11,55X19,05X3,2M	
550	312145-0238	-		2	SCREW COUNTERS.SLOT.HD. MFS 3X40 SS	
560	1523827-0000	-		2	SCREW	
720	315202-0118	A		4	O-RING 22,1X1,6 MM	
910	2503699-0000	A		1	VOLUME BULGE	
920	312155-0287	-		2	SCREW EN 10642 MF6S M4X8 A480	
Common Parts						
140	1538348-0000	A		2	CATCH	
220	22462-0000	A		2	SHAFT	
230	22463-0000	A		2	ROLL	
250	1255390-0000	A		2	BUSHING	
260	1035871-0000	-		2	SCREW	
270	1255389-0000	A		2	BUSHING	
290	1036494-0000	A		2	GUIDE BUSHING	
420	90153-0015	-		1	ADHESIVE,LOCTITE IS 496/CYANOLOT 303	
440	90242-0093	A	MM	550	O-RING MATERIAL 1,5 MM	
480	90091-0361	A		2	SCRAPER, EXCLUDER2 30X34,8X3,7 MM	
500	312105-0366	-		2	SCREW M6S M6X12 A280	
505	312105-0447	-		1	SCREW M6S ISO 4017 M8X12 A480	
520	312105-0465	-		1	SCREW M6S ISO 4014 M8X70 A480	
540	312115-0379	-		7	SCREW ISO4762 M6X45 A4	
600	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
650	315105-0165	-		2	WASHER BRB8,4X16RFR	
660	315105-0173	-		2	WASHER BRB10,5X22RFR	
700	315202-0104	A		2	O-RING 6,1X1,6 MM	
750	315211-0103	A		2	SEAL WASHER,NBR90/SS. 6,7X10X1 MM M6	
800	90141-0029	-		2	CIRCLIP	
900	342713-0209	A		2	PLUG, EXT THREAD HEX SOCKET 8638-00-180	

Machine Type | Group Description | Used-In | Group Number | Page No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50
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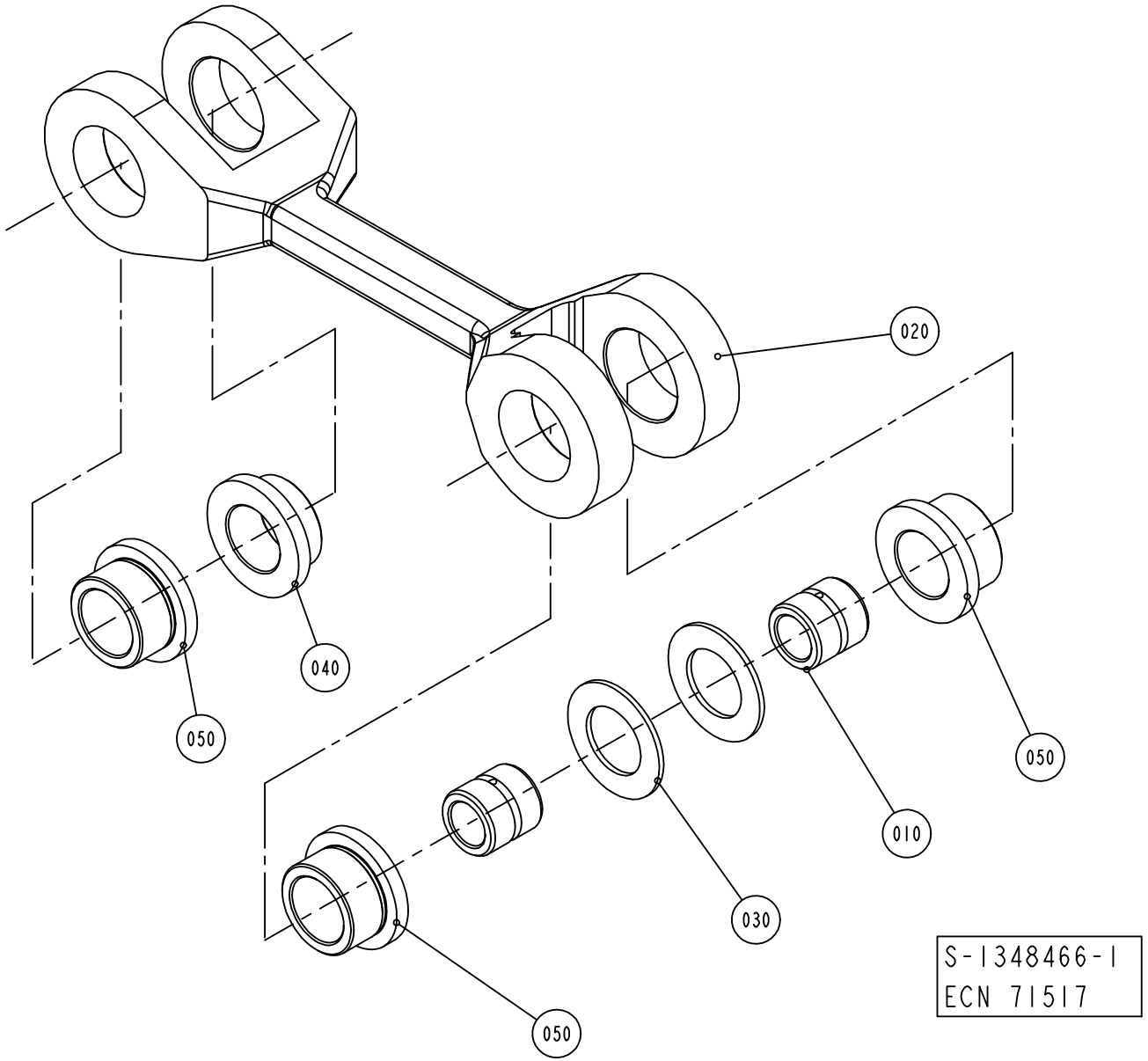
20
S-1478768-1
ECN 71517

ECM: 133130 - 20030710
Group number: 1478768-0100
Assembly Drawing: 1478768-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 0250SQ, TPA 0330SQ						
020	1348966-0000	A		1	KNIFE	
030	1478966-0000	A		1	LINK	
060	1484211-0000	A		1	WASHER	
TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 1500S						
020	1348955-0000	A		1	KNIFE	
030	1478968-0000	A		1	LINK	
060	1255540-0000	A		1	WASHER	
TBA 0500S, TPA 1000S, TPA 1000SQ						
020	1348956-0000	A		1	KNIFE	
030	1478968-0000	A		1	LINK	
060	1255540-0000	A		1	WASHER	
TPA 0500SQ						
020	1549828-0000	-		1	KNIFE	
030	1478968-0000	A		1	LINK	
060	1255540-0000	A		1	WASHER	
Common Parts						
010	927323-0000	A		1	SPACER	
040	1478967-0000	A		1	WASHER	
050	1260659-0000	A		1	SPRING	

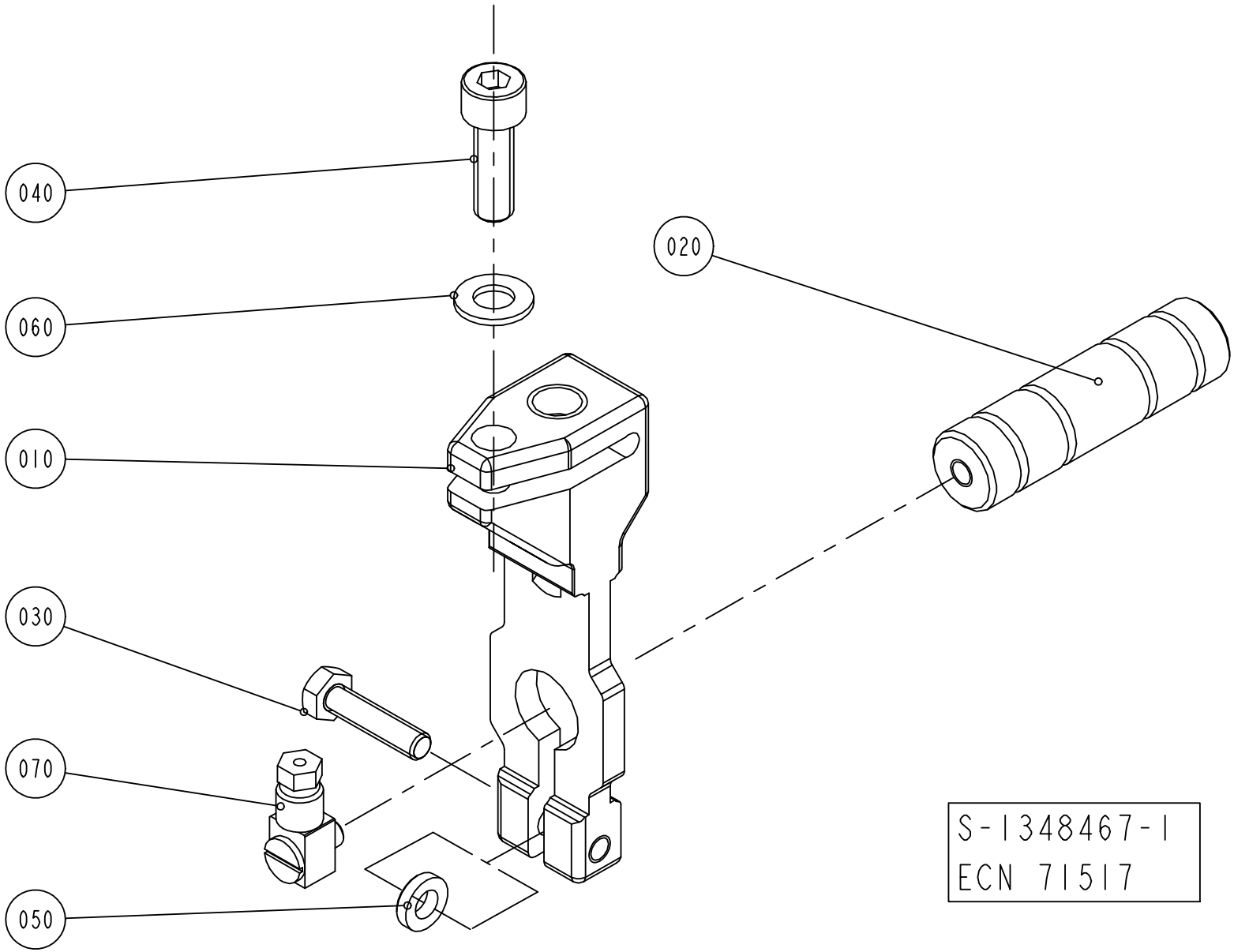
Pos	Part No	SP	UN	Qty	Description	Page No


020
040
050
050
010
050
030
050
S-1348466-1
ECN 71517

ECM: 99081 - 20011108
Group number: 1348466-0100
Assembly Drawing: 1348466-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037849-0000	A		2	SLEEVE	
020	1037851-0000	A		1	LINK	
030	1038021-0000	A		2	WASHER	
040	321101-0222	A		1	FLANGE BUSHING, 18X25X12	
050	321101-0223	A		3	FLANGE BUSHING, 18X25X16	

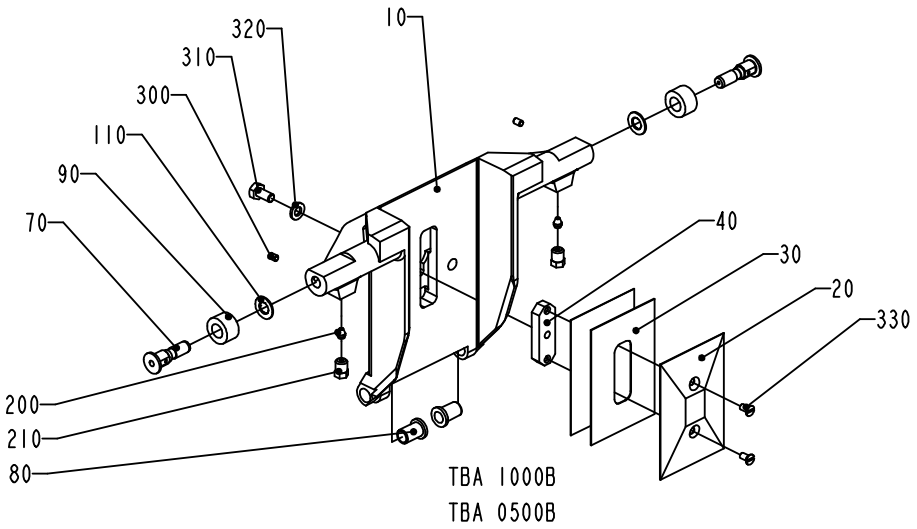
Pos	Part No	SP	UN	Qty	Description	Page No

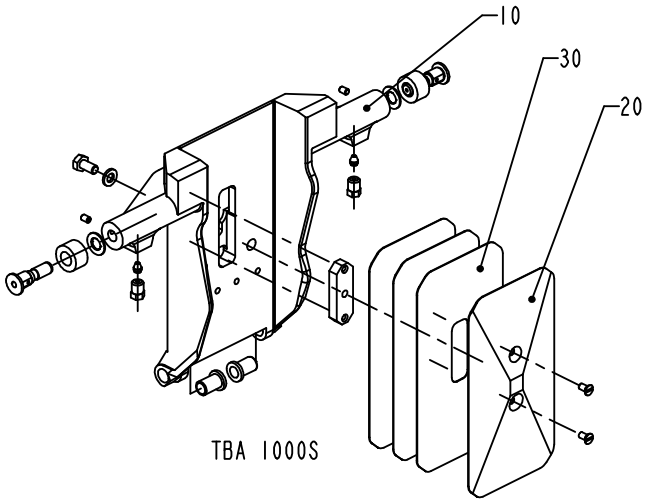

040
060
010
030
070
050
020
S-1348467-1
ECN 71517

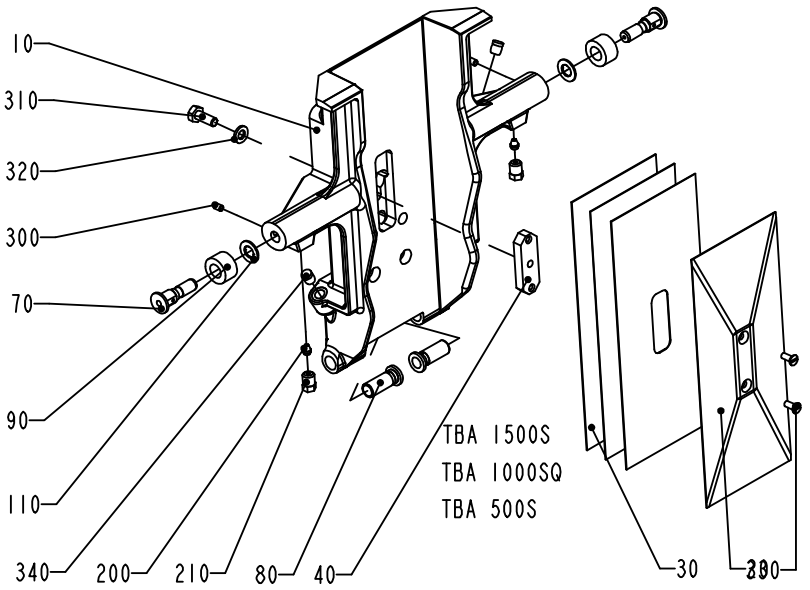
ECM: 72281 - 19990607
Group number: 1348467-0100
Assembly Drawing: 1348467-1_1_AA

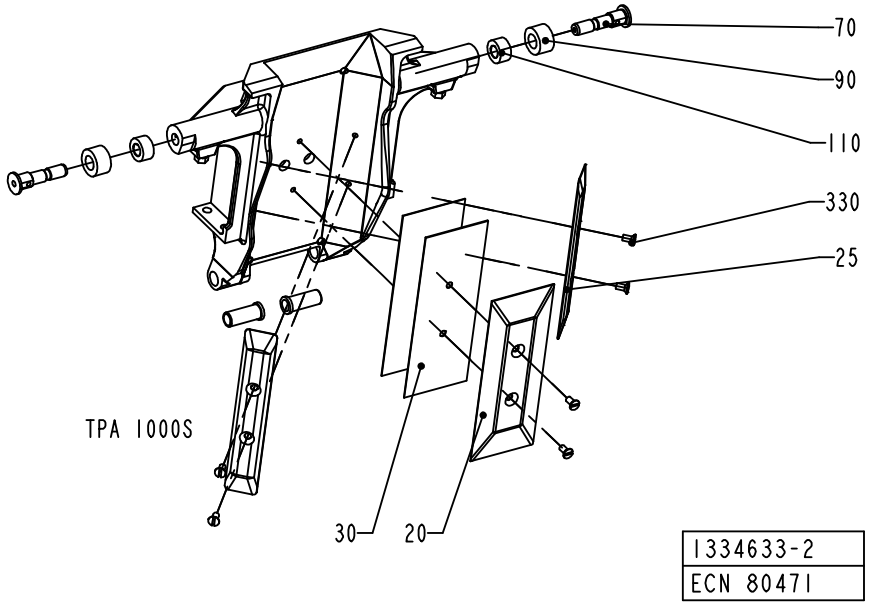
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037850-0000	C		1	ADJUSTMENT BRACKET	
020	1037852-0000	C		1	SHAFT	
030	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
040	312115-0453	-		1	SCREW ISO4762 M8X25 A4	
050	315115-0153	-		1	WASHER PLAIN, TBRB 6,4/12 H=3	
060	315105-0165	-		1	WASHER BRB8,4X16RFR	
070	90134-0058	-		1	CONNECTION	

Pos	Part No	SP	UN	Qty	Description	Page No









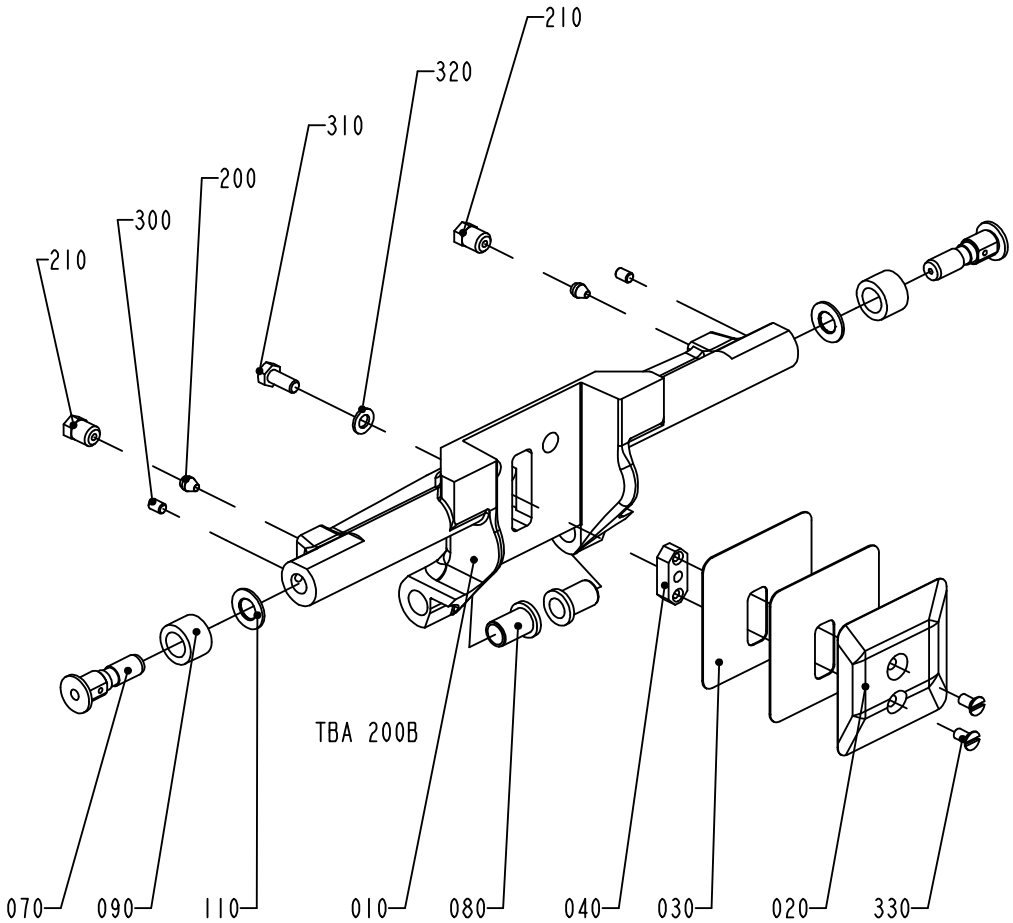
1334633-2
ECN 80471

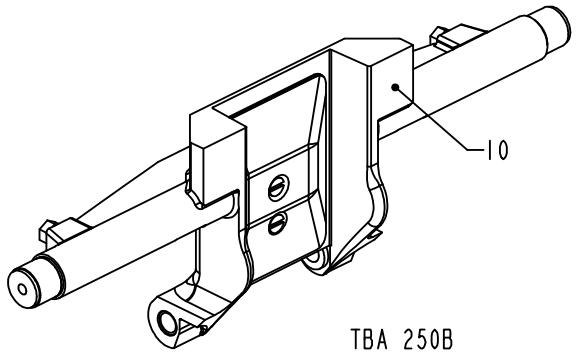
ECM: 123756 - 20030623
Group number: 1334633-0200
Assembly Drawing: 1334633-2_1_AD

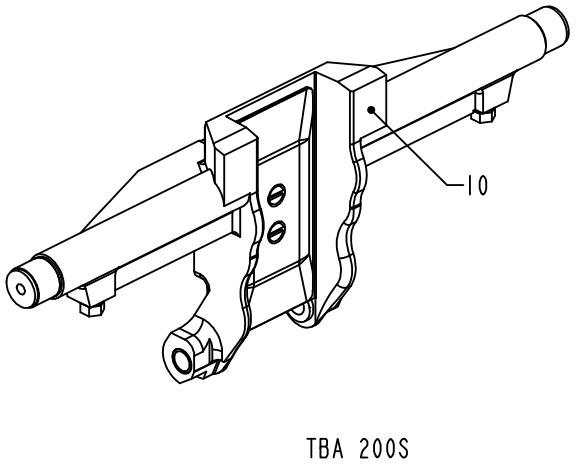
This list covers pages from 542 to 551

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B (See drawing on page: 544)						
010	1499901-0000	A		1	VOLUME FLAP	
020	1038638-0000	A		1	VOLUME BULGE	
030	1038639-0000	A		2	VOLUME SHIM	
040	1038637-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 0200S (See drawing on page: 544)						
010	1484866-0000	A		1	VOLUME FLAP	
020	1037733-0000	A		1	VOLUME BULGE	
030	1037735-0000	A		2	VOLUME SHIM	
040	1037734-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 0250B (See drawing on page: 544)						
010	1484867-0000	A		1	VOLUME FLAP	
020	1346157-0000	A		1	VOLUME BULGE	
030	1346158-0000	A		2	VOLUME SHIM	
040	1037734-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 0250S (See drawing on page: 544)						
010	2524388-0000	A		1	VOLUME FLAP	
020	2520473-0000	A		1	VOLUME BULGE	
030	2520474-0000	A		3	VOLUME SHIM	
040	1037734-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0328	-		1	SCREW M6S ISO 4017 M5X14 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 0330S (See drawing on page: 544)						
010	2544990-0000	A		1	VOLUME FLAP	
020	2544992-0000	A		1	VOLUME BULGE	
030	2544993-0000	A		3	VOLUME SHIM	
040	1037734-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0328	-		1	SCREW M6S ISO 4017 M5X14 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 0500B (See drawing on page: 542)						
010	1532287-0000	A		1	VOLUME FLAP	
020	1558817-0000	A		1	VOLUME BULGE	
030	1532293-0000	A		2	VOLUME SHIM	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
TBA 0500S (See drawing on page: 542)						
010	1511250-0000	A		1	VOLUME FLAP	
020	1524035-0000	A		1	VOLUME BULGE	
030	1511253-0000	A		3	VOLUME SHIM	
040	1487628-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1511254-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	

Machine Type | Group Description | Used-In | Group Number | Page No







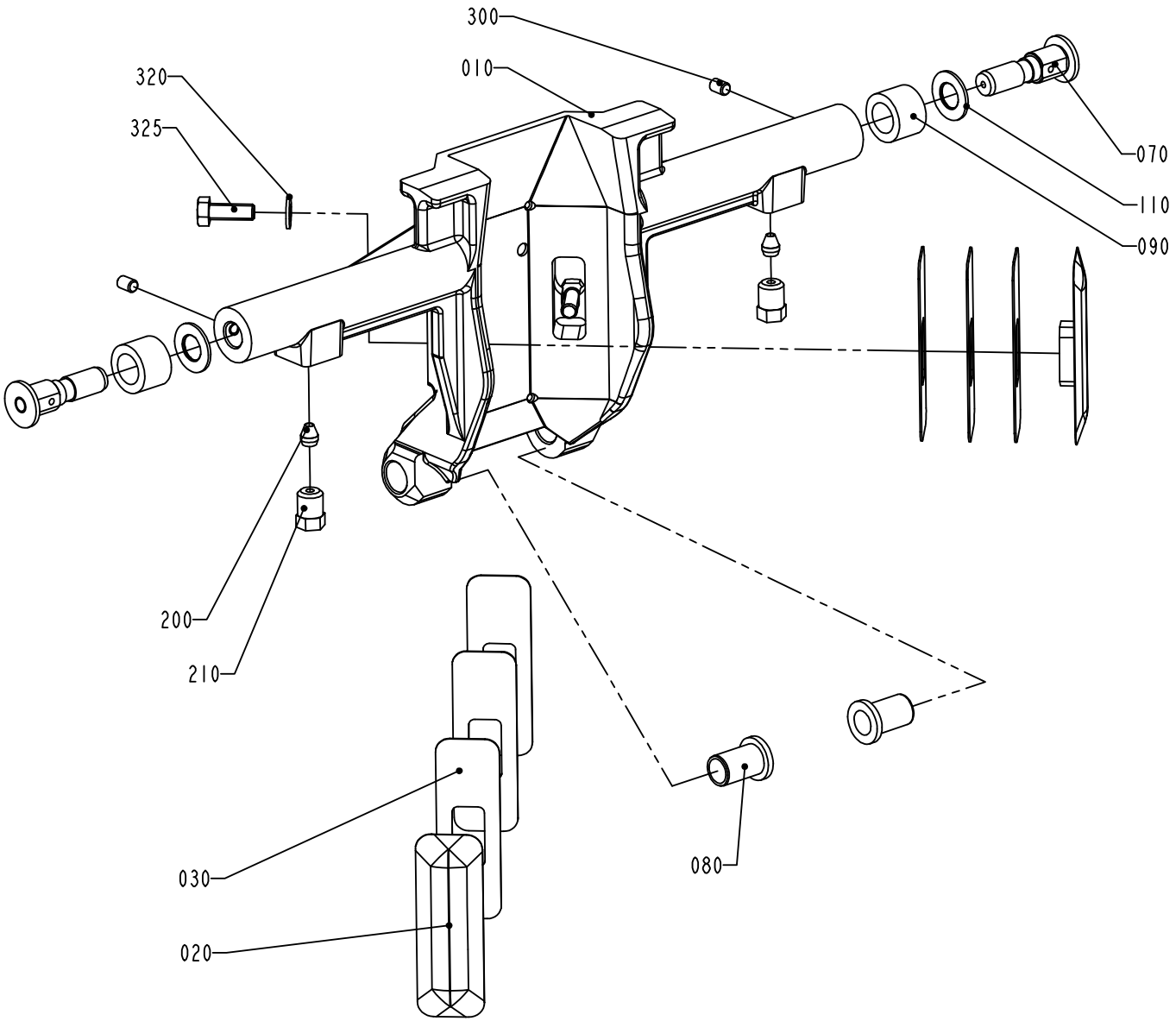
1334633-3
ECN 72770

ECM: 123756 - 20030623
Group number: 1334633-0200
Assembly Drawing: 1334633-3_1_AB

This list covers pages from 542 to 551

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S (Cont'd) (See drawing on page: 542)						
110	19972-0000	A		2	WASHER	
310	312105-0368	-		1	SCREW M6S M6X16 A280	
320	315105-0153	-		1	WASHER BRB6,4X12RFR	
330	312145-0289	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X10 SS	
340	90261-0016	-		2	PLUG, BLIND, PLASTIC GPN300V2	
TBA 1000B (See drawing on page: 542)						
010	1478358-0000	A		1	VOLUME FLAP	
020	1035828-0000	A		1	VOLUME BULGE	
030	1035831-0000	A		2	VOLUME SHIM	
040	1040756-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0366	-		1	SCREW M6S M6X12 A280	
320	315105-0153	-		1	WASHER BRB6,4X12RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 1000S (See drawing on page: 542)						
010	1040753-0000	A		1	VOLUME FLAP	
020	1040754-0000	A		1	VOLUME BULGE	
030	1040755-0000	A		3	VOLUME SHIM	
040	1040756-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0366	-		1	SCREW M6S M6X12 A280	
320	315105-0153	-		1	WASHER BRB6,4X12RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 1000SQ (See drawing on page: 542)						
010	2606305-0000	A		1	VOLUME FLAP	
020	1487626-0000	A		1	VOLUME BULGE	
030	1487627-0000	A		3	VOLUME SHIM	
040	1040756-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1558701-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312115-0367	-		1	SCREW ISO4762 M6X14 A4	
320	315105-0153	-		1	WASHER BRB6,4X12RFR	
330	312145-0291	-		2	SCREW COUNT.SLOT.HD. 4X12 A4	
TBA 1500S (See drawing on page: 542)						
010	2587236-0000	A		1	VOLUME FLAP	
020	1499675-0000	A		1	VOLUME BULGE	
030	1349208-0000	A		3	VOLUME SHIM	
040	1040756-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1558701-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0368	-		1	SCREW M6S M6X16 A280	
320	315105-0153	-		1	WASHER BRB6,4X12RFR	
330	312145-0289	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X10 SS	
340	90261-0016	-		2	PLUG, BLIND, PLASTIC GPN300V2	
TPA 0250SQ (See drawing on page: 548)						
010	2530256-0000	A		1	VOLUME FLAP	
020	2581994-0000	A		2	VOLUME BULGE	
030	1549594-0000	A		6	VOLUME SHIM	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
320	315105-0146	-		2	BRICKA BRB5,3X10RFR	
325	312705-0314	-		2	NUT HEX. DOMED CAP MHM-6 M5 A280	
TPA 0330SQ (See drawing on page: 546)						
010	1539904-0000	A		1	VOLUME FLAP	
020	1539903-0000	A		2	VOLUME BULGE	
030	1539902-0000	A		6	VOLUME SHIM	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
320	315105-0146	-		2	BRICKA BRB5,3X10RFR	
325	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
TPA 0500SQ (See drawing on page: 550)						
010	1549836-0000	A		1	VOLUME FLAP	

Machine Type | Group Description | Used-In | Group Number | Page No

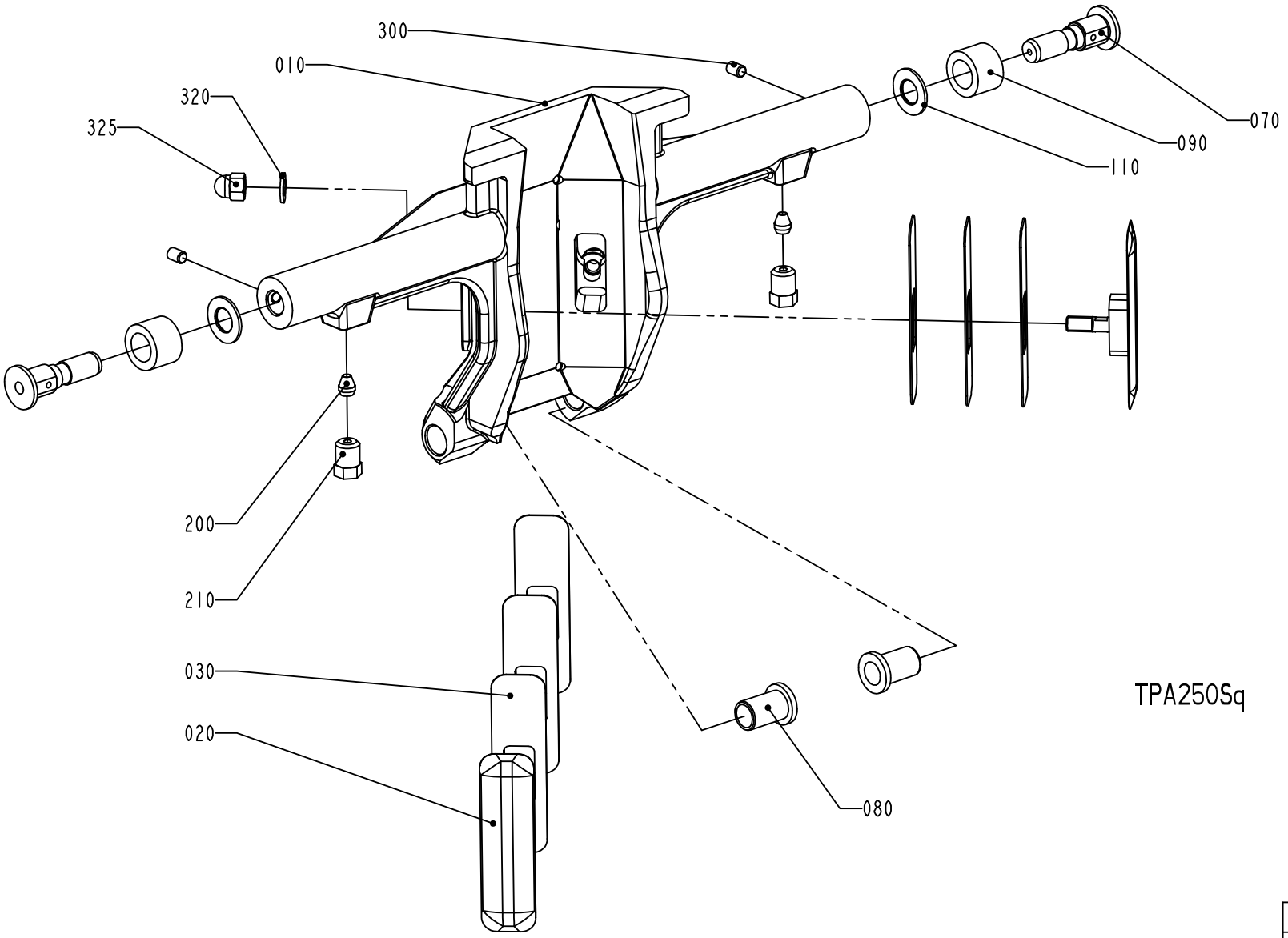


TPA330Sq

1334633-5
ECM 123394

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0500SQ (Cont'd) (See drawing on page: 550)						
025	1549829-0000	A		2	VOLUME BULGE	
035	1549830-0000	A		6	VOLUME SHIM	
040	1549831-0000	A		2	WEDGE	
050	1549832-0000	-		1	PLUG	
070	434320-0000	A		2	AXLE PIN	
080	2530313-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0327	-		3	SCREW M6S ISO 4017 M5X12 A480	
320	315105-0146	-		3	BRICKA BRB5,3X10RFR	
370	312155-0289	-		4	SCREW EN 10642 MF6S M4X10 A480	
TPA 1000S (See drawing on page: 542)						
010	1144583-0000	A		1	VOLUME FLAP	
020	1144584-0000	A		1	VOLUME BULGE	
025	1144585-0000	A		2	VOLUME BULGE	
030	1144586-0000	A		2	VOLUME SHIM	
070	1255915-0000	A		2	AXLE PIN	
080	1255916-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	1255917-0000	A		2	SPACER	
330	312145-0287	-		6	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TPA 1000SQ (See drawing on page: 550)						
010	2547011-0000	A		1	VOLUME FLAP	
025	1539841-0000	A		2	VOLUME BULGE	
035	1539843-0000	A		6	VOLUME SHIM	
040	1040756-0000	A		2	WEDGE	
050	1549125-0000	-		1	PLUG	
060	2547010-0000	-		1	BRACKET	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
320	315105-0153	-		3	WASHER BRB6,4X12RFR	
360	312105-0368	-		3	SCREW M6S M6X16 A280	
370	312155-0289	-		4	SCREW EN 10642 MF6S M4X10 A480	
Common Parts						
200	90028-0020	-		2	CONE TUBE 2,5MM	
210	90134-0063	-		2	BUSHING/NUT M8X1, D=2,5 MM	
300	312318-0285	-		2	SCREW ISO4029 M4X6 A4	

Machine Type | Group Description | Used-In | Group Number | Page No



1334633-6
ECM 123394

ECM: 123756 - 20030623
Group number: 1334633-0200
Assembly Drawing: 1334633-6_1_AA

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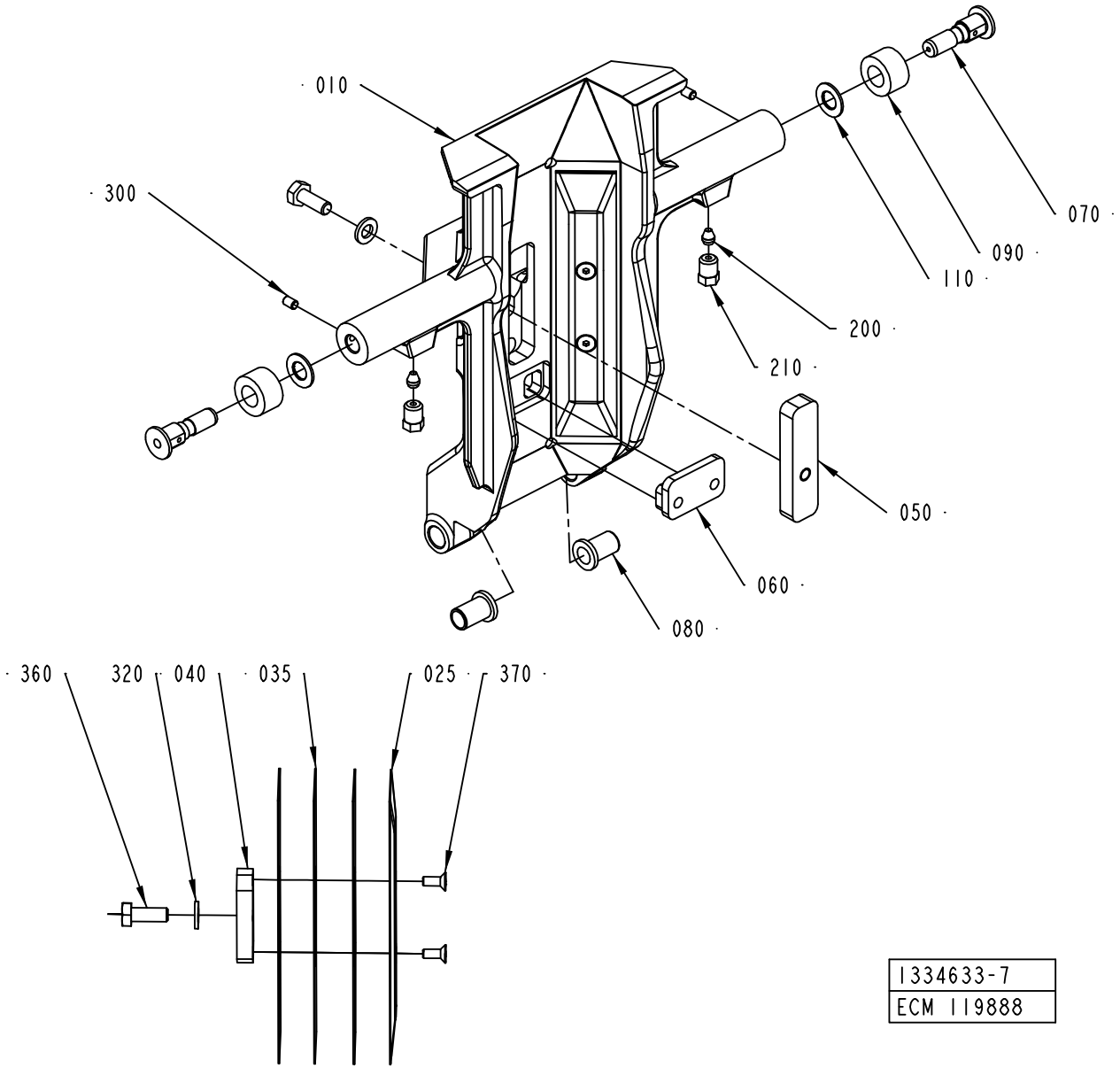
Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 543, 545, 547.						

Pos	Part No	SP	UN	Qty	Description	Page No



1334633-7
ECM 119888

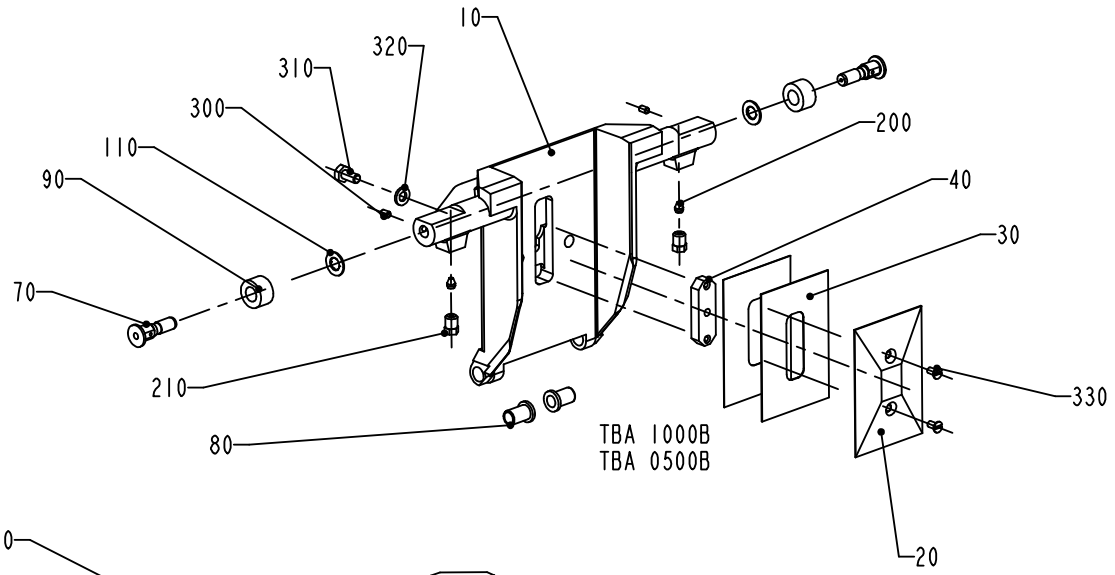
ECM: 123756 - 20030623
Group number: 1334633-0200
Assembly Drawing: 1334633-7_1_AA

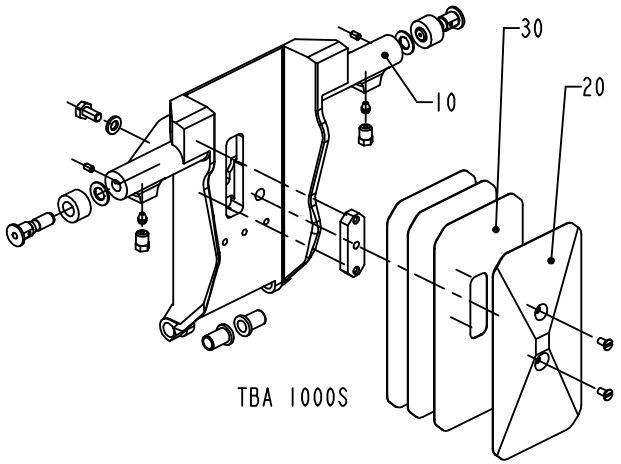
This list covers pages from 542 to 551

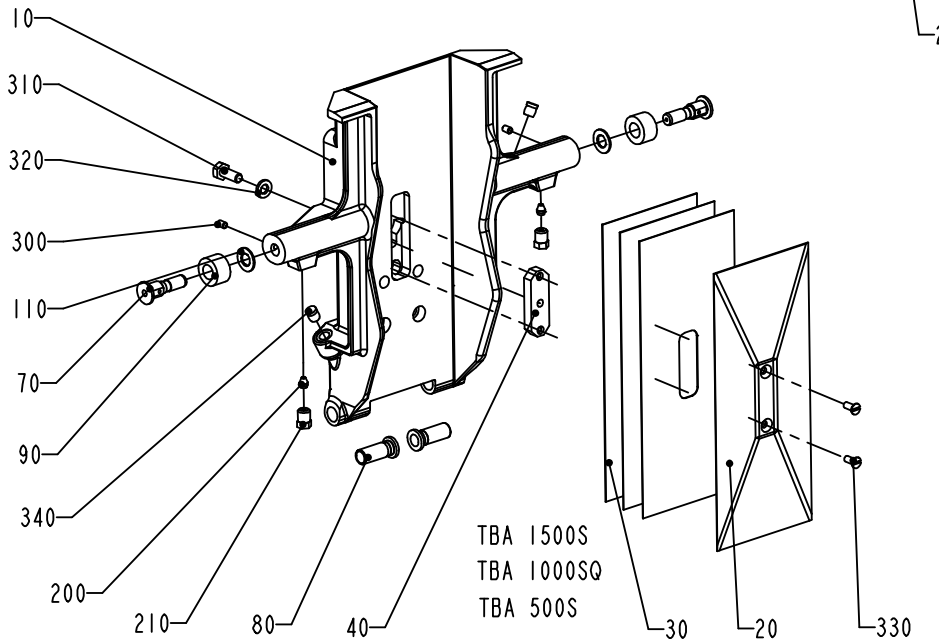
Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 543, 545, 547.						

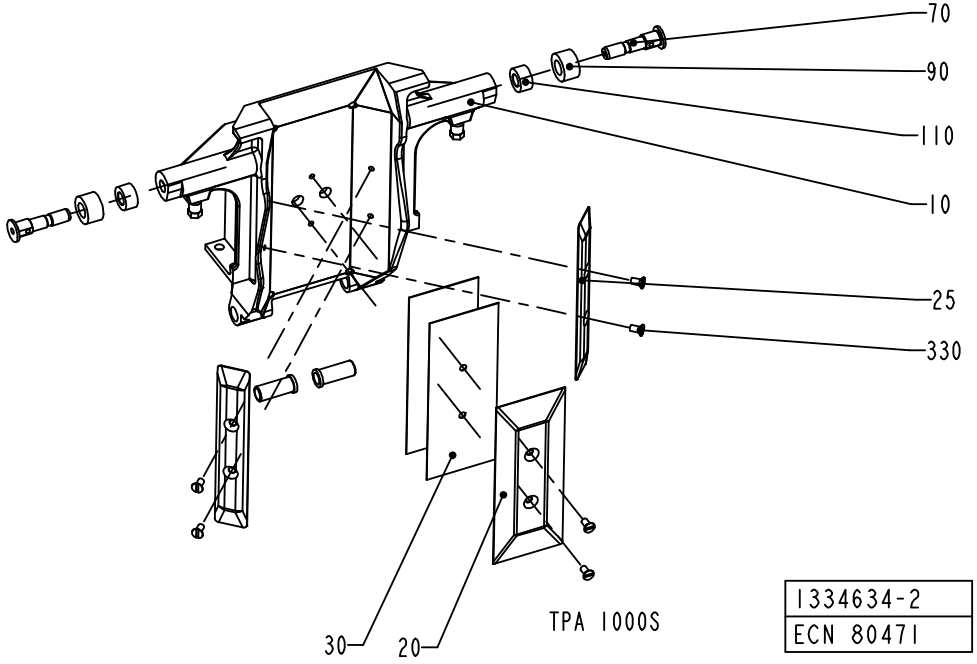
Pos	Part No	SP	UN	Qty	Description	Page No

VOLUME FLAP PRESSURE









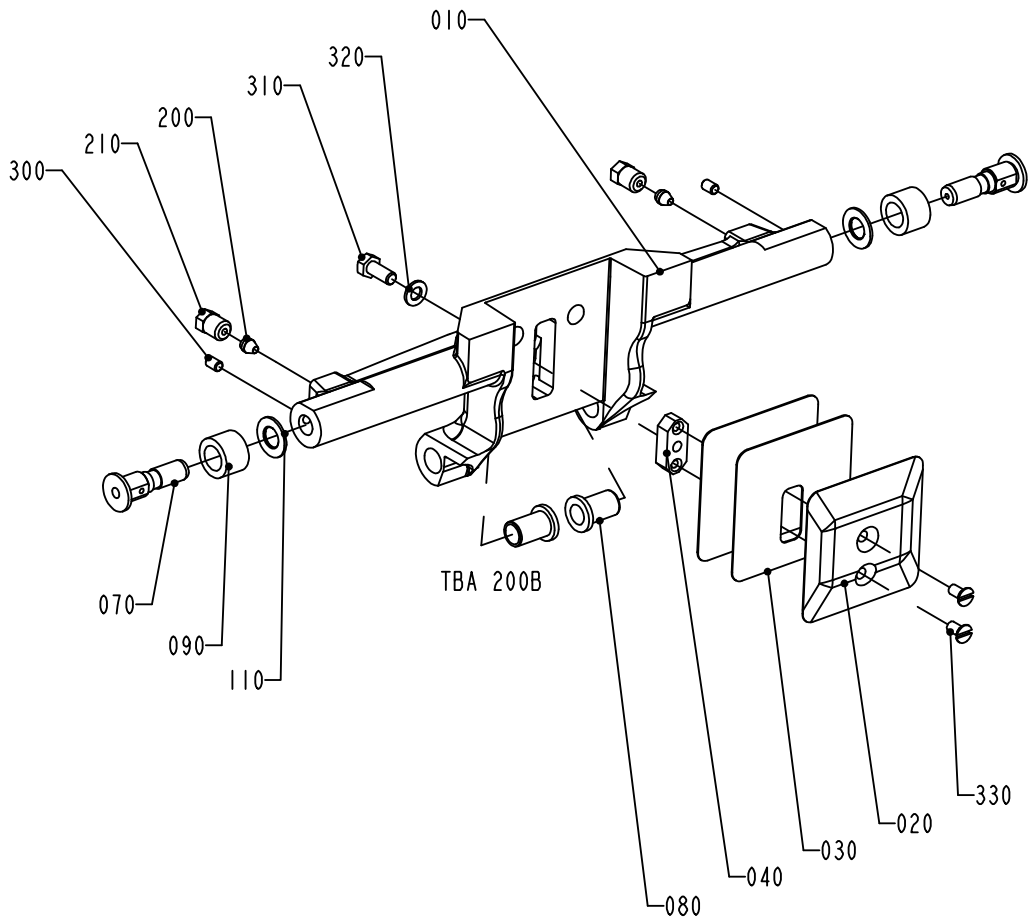
1334634-2
ECN 80471

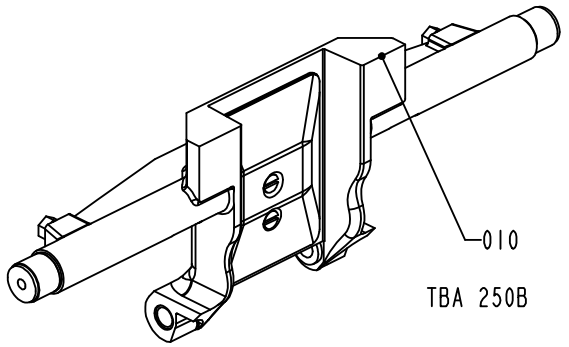
ECM: 123755 - 20030623
Group number: 1334634-0200
Assembly Drawing: 1334634-2_1_AD

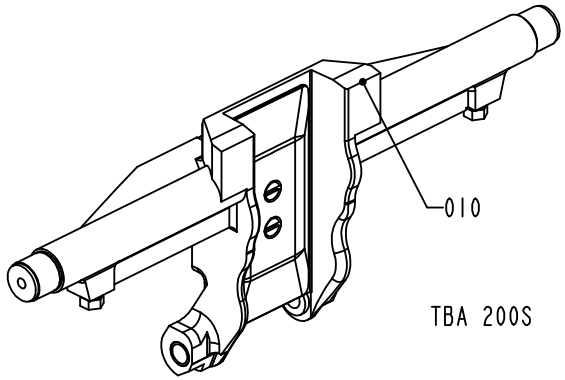
This list covers pages from 552 to 561

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000SQ SMILE (See drawing on page: 560)						
010	2582002-0000	A		1	VOLUME FLAP	
020	1539840-0000	A		1	VOLUME BULGE	
025	1539841-0000	A		2	VOLUME BULGE	
030	1539842-0000	A		3	VOLUME SHIM	
035	1539843-0000	A		6	VOLUME SHIM	
040	1040756-0000	A		3	WEDGE	
060	2547010-0000	-		1	BRACKET	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0368	-		3	SCREW M6S M6X16 A280	
320	315105-0153	-		3	WASHER BRB6,4X12RFR	
370	312155-0289	-		6	SCREW EN 10642 MF6S M4X10 A480	
TBA 0200B (See drawing on page: 554)						
010	1499902-0000	A		1	VOLUME FLAP	
020	1038638-0000	A		1	VOLUME BULGE	
030	1038639-0000	A		2	VOLUME SHIM	
040	1038637-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 0200S (See drawing on page: 554)						
010	1484865-0000	A		1	VOLUME FLAP	
020	1037733-0000	A		1	VOLUME BULGE	
030	1037735-0000	A		2	VOLUME SHIM	
040	1037734-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 0250B (See drawing on page: 554)						
010	1484868-0000	A		1	VOLUME FLAP	
020	1346157-0000	A		1	VOLUME BULGE	
030	1346158-0000	A		2	VOLUME SHIM	
040	1037734-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 0250S (See drawing on page: 554)						
010	2520472-0000	A		1	VOLUME FLAP	
020	2520473-0000	A		1	VOLUME BULGE	
030	2520474-0000	A		3	VOLUME SHIM	
040	1037734-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0328	-		1	SCREW M6S ISO 4017 M5X14 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 0330S (See drawing on page: 554)						
010	2544991-0000	A		1	VOLUME FLAP	
020	2544992-0000	A		1	VOLUME BULGE	
030	2544993-0000	A		3	VOLUME SHIM	
040	1037734-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0328	-		1	SCREW M6S ISO 4017 M5X14 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 0500B (See drawing on page: 552)						
010	1532287-0000	A		1	VOLUME FLAP	
020	1558817-0000	A		1	VOLUME BULGE	

Machine Type | Group Description | Used-In | Group Number | Page No





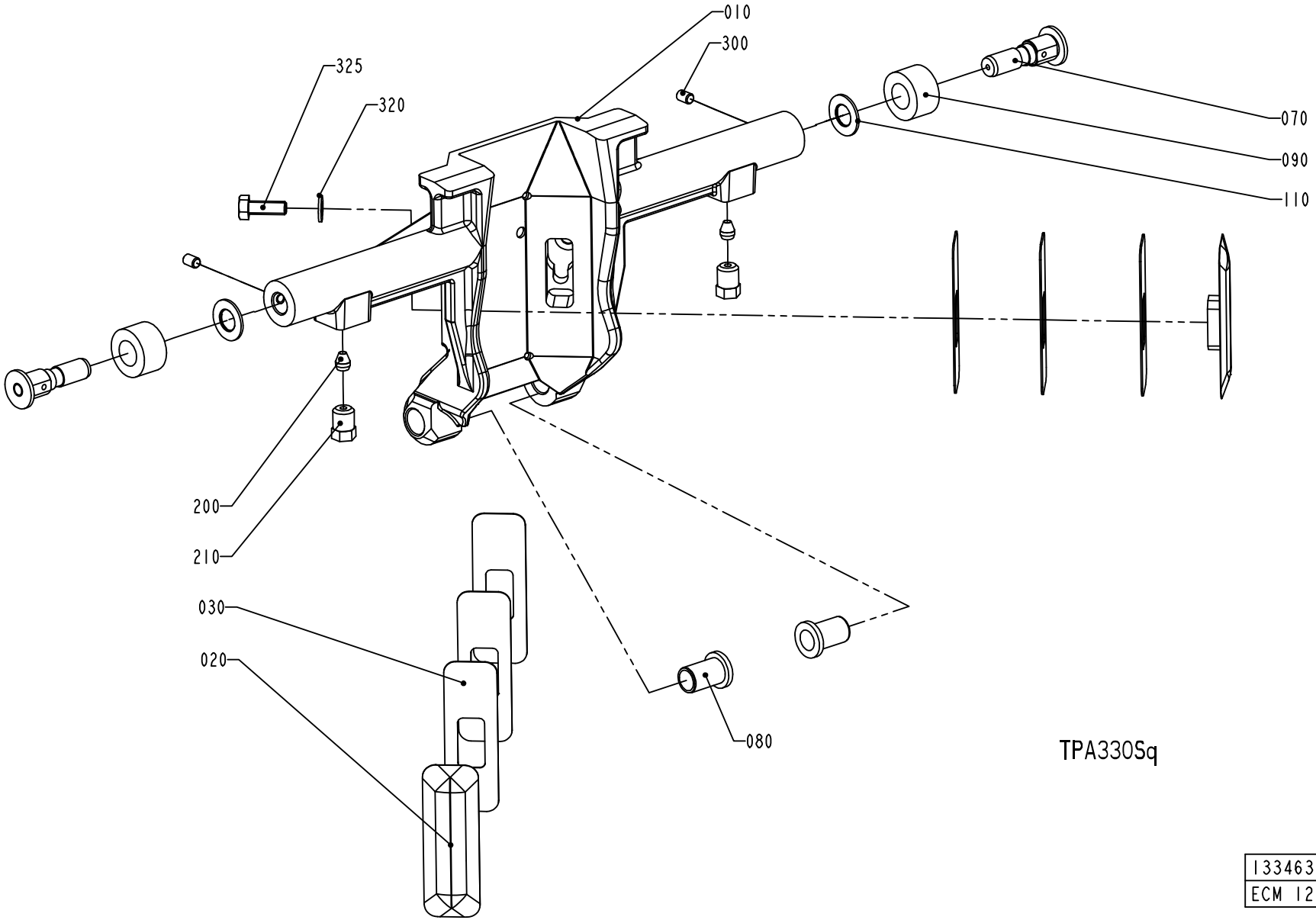


1334634-3
ECN 72770

ECM: 123755 - 20030623
Group number: 1334634-0200
Assembly Drawing: 1334634-3_1_AB

This list covers pages from 552 to 561

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500B (Cont'd) (See drawing on page: 552)						
030	1532293-0000	A		2	VOLUME SHIM	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0327	-		1	SCREW M6S ISO 4017 M5X12 A480	
320	315105-0146	-		1	BRICKA BRB5,3X10RFR	
TBA 0500S (See drawing on page: 552)						
010	1511251-0000	A		1	VOLUME FLAP	
020	1524035-0000	A		1	VOLUME BULGE	
030	1511253-0000	A		3	VOLUME SHIM	
040	1487628-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1511254-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0368	-		1	SCREW M6S M6X16 A280	
320	315105-0153	-		1	WASHER BRB6,4X12RFR	
330	312145-0291	-		2	SCREW COUNT.SLOT.HD. 4X12 A4	
340	90261-0016	-		2	PLUG, BLIND, PLASTIC GPN300V2	
TBA 1000B (See drawing on page: 552)						
010	1478358-0000	A		1	VOLUME FLAP	
020	1035828-0000	A		1	VOLUME BULGE	
030	1035831-0000	A		3	VOLUME SHIM	
040	1040756-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0366	-		1	SCREW M6S M6X12 A280	
320	315105-0153	-		1	WASHER BRB6,4X12RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 1000S (See drawing on page: 552)						
010	1040753-0000	A		1	VOLUME FLAP	
020	1040754-0000	A		1	VOLUME BULGE	
030	1040755-0000	A		3	VOLUME SHIM	
040	1040756-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0366	-		1	SCREW M6S M6X12 A280	
320	315105-0153	-		1	WASHER BRB6,4X12RFR	
330	312145-0287	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TBA 1000SQ (See drawing on page: 552)						
010	2606306-0000	A		1	VOLUME FLAP	
020	1487626-0000	A		1	VOLUME BULGE	
030	1487627-0000	A		3	VOLUME SHIM	
040	1040756-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1558701-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312115-0367	-		1	SCREW ISO4762 M6X14 A4	
320	315105-0153	-		1	WASHER BRB6,4X12RFR	
330	312145-0291	-		2	SCREW COUNT.SLOT.HD. 4X12 A4	
TBA 1500S (See drawing on page: 552)						
010	2587235-0000	A		1	VOLUME FLAP	
020	1499675-0000	A		1	VOLUME BULGE	
030	1349208-0000	A		3	VOLUME SHIM	
040	1040756-0000	A		1	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	1558701-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0368	-		1	SCREW M6S M6X16 A280	
320	315105-0153	-		1	WASHER BRB6,4X12RFR	
330	312145-0289	-		2	SCREW COUNTERS.SLOT.HD. MFS 4X10 SS	
340	90261-0016	-		2	PLUG, BLIND, PLASTIC GPN300V2	
TPA 0250SQ (See drawing on page: 558)						
010	2530257-0000	A		1	VOLUME FLAP	
020	2581994-0000	A		2	VOLUME BULGE	
030	1549594-0000	A		6	VOLUME SHIM	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	



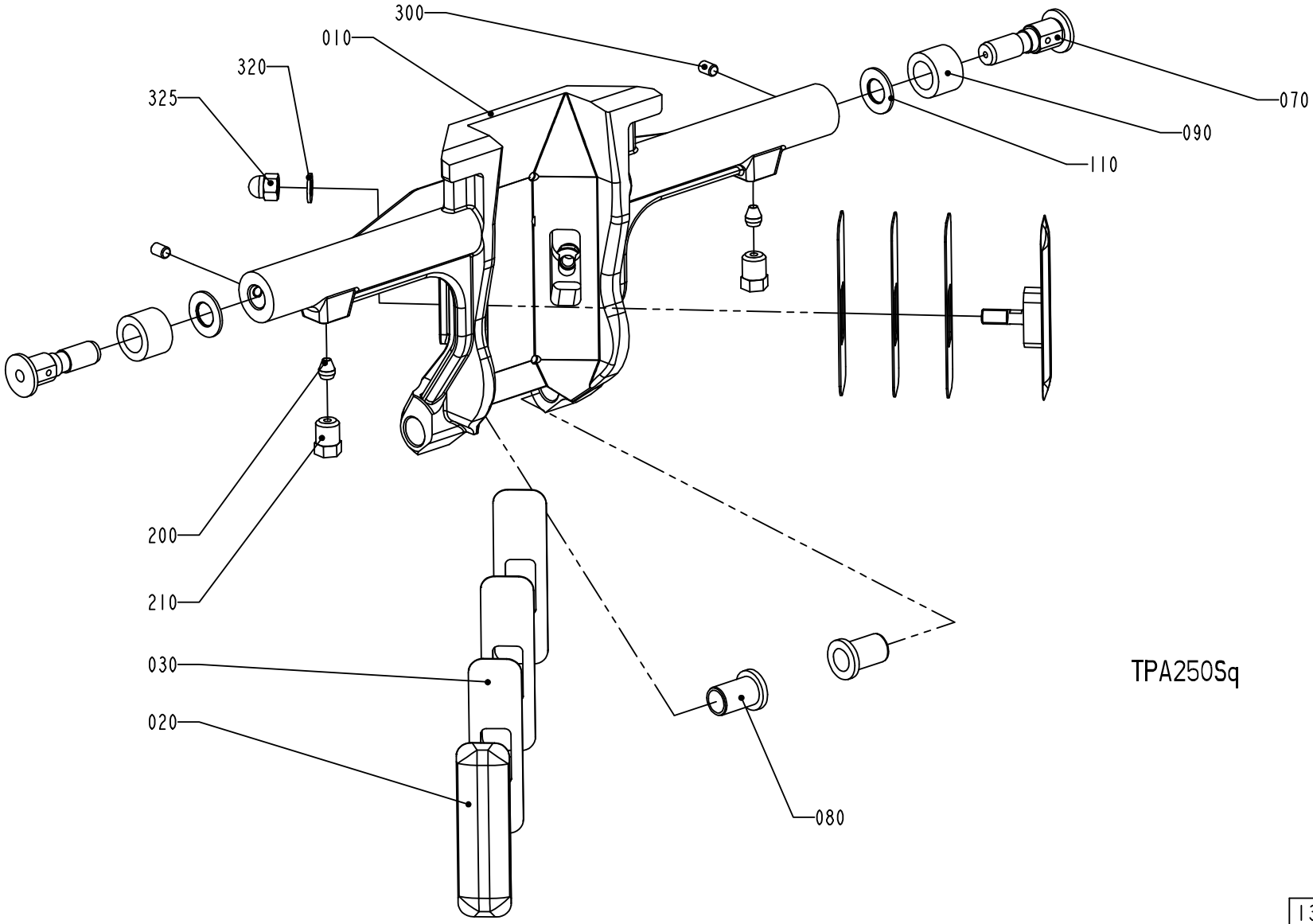
1334634-5
ECM 123394

ECM: 123755 - 20030623
Group number: 1334634-0200
Assembly Drawing: 1334634-5_1_AB

This list covers pages from 552 to 561

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0250SQ (Cont'd) (See drawing on page: 558)						
320	315105-0146	-		2	BRICKA BRB5,3X10RFR	
325	312705-0314	-		2	NUT HEX. DOMED CAP MHM-6 M5 A280	
TPA 0330SQ (See drawing on page: 556)						
010	1558123-0000	A		1	VOLUME FLAP	
020	1539903-0000	A		2	VOLUME BULGE	
030	1539902-0000	A		6	VOLUME SHIM	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	436556-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
320	315105-0146	-		2	BRICKA BRB5,3X10RFR	
325	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
TPA 0500SQ SMILE (See drawing on page: 560)						
010	1549837-0000	A		1	VOLUME FLAP	
020	1549829-0000	A		1	VOLUME BULGE	
025	1549829-0000	A		2	VOLUME BULGE	
030	1549830-0000	A		3	VOLUME SHIM	
035	1549830-0000	A		6	VOLUME SHIM	
040	1549831-0000	A		3	WEDGE	
070	434320-0000	A		2	AXLE PIN	
080	2530313-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
310	312105-0327	-		3	SCREW M6S ISO 4017 M5X12 A480	
320	315105-0146	-		3	BRICKA BRB5,3X10RFR	
370	312155-0289	-		6	SCREW EN 10642 MF6S M4X10 A480	
TPA 1000S (See drawing on page: 552)						
010	1144583-0000	A		1	VOLUME FLAP	
020	1144584-0000	A		1	VOLUME BULGE	
025	1144585-0000	A		2	VOLUME BULGE	
030	1144586-0000	A		2	VOLUME SHIM	
070	1255915-0000	A		2	AXLE PIN	
080	1255916-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	1255917-0000	A		2	SPACER	
330	312145-0287	-		6	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
TPA 1000SQ (See drawing on page: 560)						
010	2547012-0000	A		1	VOLUME FLAP	
020	1539840-0000	A		1	VOLUME BULGE	
025	1539841-0000	A		2	VOLUME BULGE	
030	1539842-0000	A		3	VOLUME SHIM	
035	1539843-0000	A		6	VOLUME SHIM	
040	1040756-0000	A		3	WEDGE	
060	2547010-0000	-		1	BRACKET	
070	434320-0000	A		2	AXLE PIN	
080	1255541-0000	A		2	BUSHING	
090	434321-0000	A		2	CURVE ROLLER	
110	19972-0000	A		2	WASHER	
320	315105-0153	-		3	WASHER BRB6,4X12RFR	
360	312105-0368	-		3	SCREW M6S M6X16 A280	
370	312155-0289	-		6	SCREW EN 10642 MF6S M4X10 A480	
Common Parts						
200	90028-0020	-		2	CONE TUBE 2,5MM	
210	90134-0063	-		2	BUSHING/NUT M8X1, D=2,5 MM	
300	312318-0285	-		2	SCREW ISO4029 M4X6 A4	

Machine Type | Group Description | Used-In | Group Number | Page No



1334634-6
ECM 123394

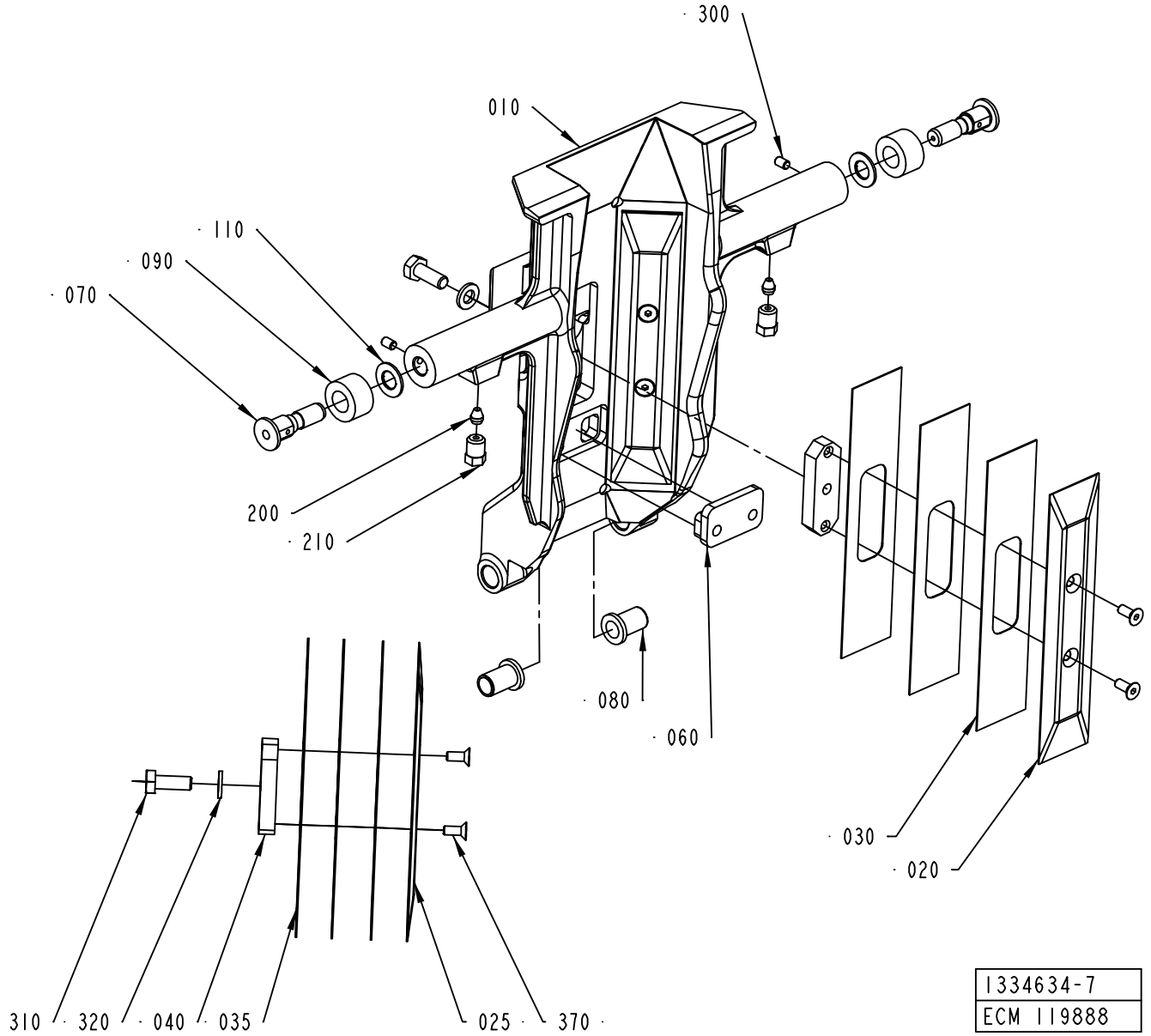
ECM: 123755 - 20030623
Group number: 1334634-0200
Assembly Drawing: 1334634-6_1_AA

This list covers pages from 552 to 561

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 553, 555, 557.						

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type	Group Description	Used-In	Group Number	Page No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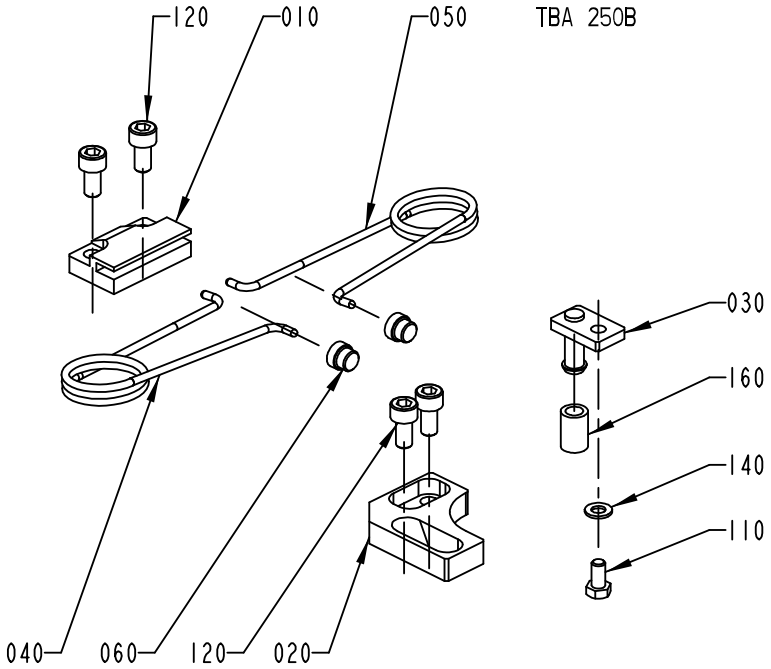
030
020
310
320
040
035
025
370
1334634-7
ECM 119888

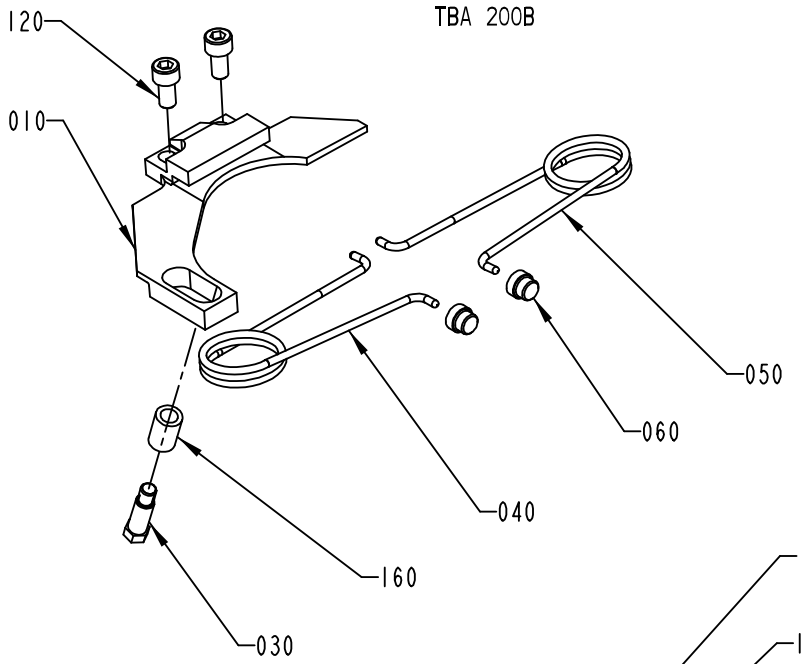
ECM: 123755 - 20030623
Group number: 1334634-0200
Assembly Drawing: 1334634-7_1_AA

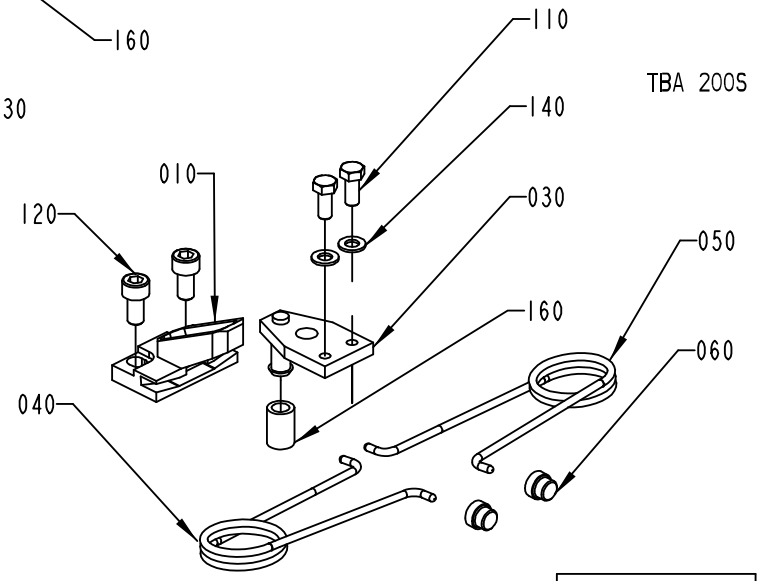
This list covers pages from 552 to 561

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 553, 555, 557.						

Pos	Part No	SP	UN	Qty	Description	Page No





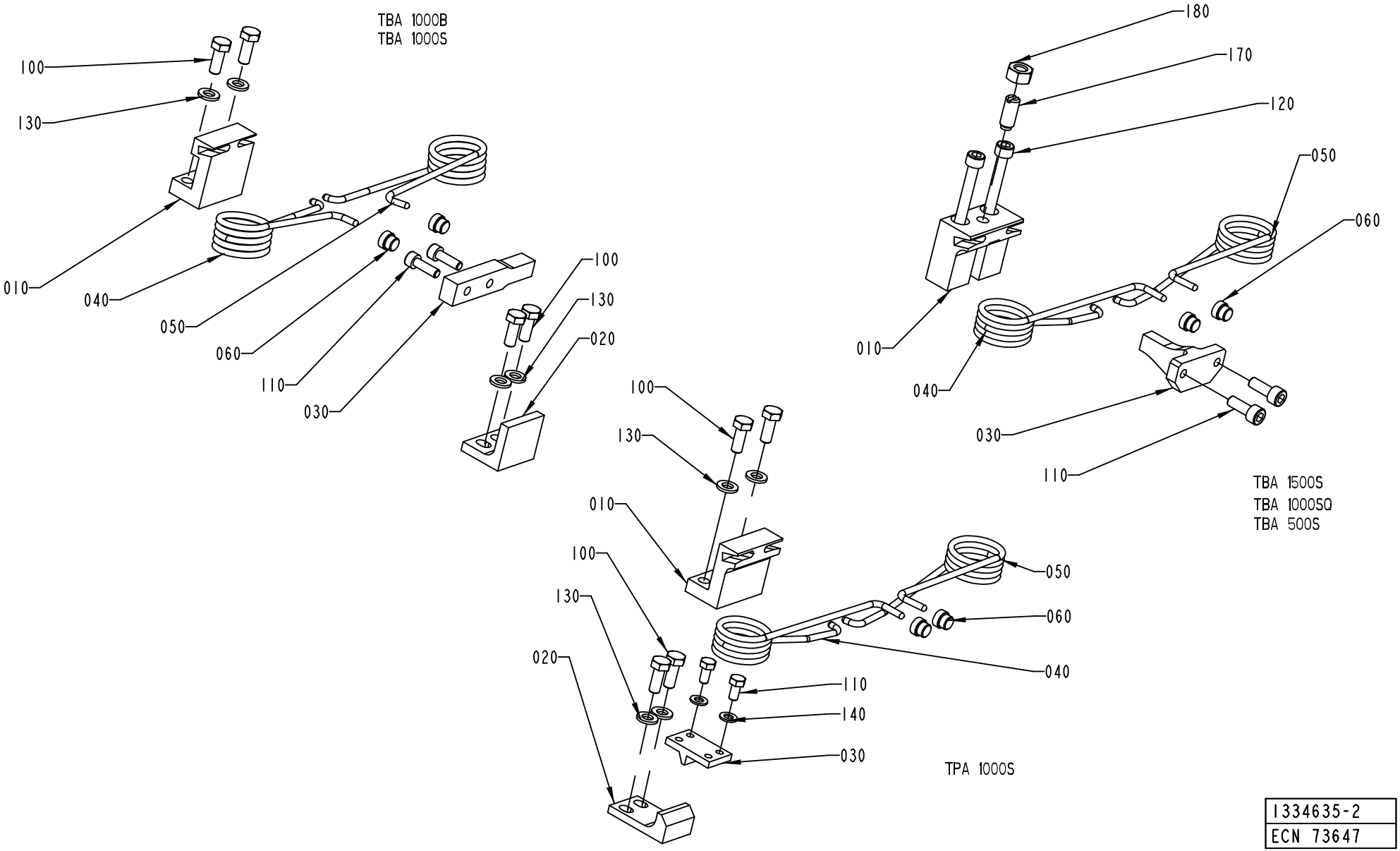


1334635-1
ECN 73647

ECM: 130290 - 20030611
Group number: 1334635-0200
Assembly Drawing: 1334635-1_1_AF

This list covers pages from 562 to 571

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B (See drawing on page: 562)						
010	1512579-0000	A		1	BRACKET	
030	1346153-0000	A		1	STOP PIN	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
120	312115-0366	-		2	SCREW ISO4762 M6X12 A4	
160	1317740-0000	A		1	RUBBER SLEEVE	
TBA 0200S (See drawing on page: 562)						
010	1317823-0000	A		1	CANTILEVER	
030	1317824-0000	A		1	CATCH	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
120	312115-0366	-		2	SCREW ISO4762 M6X12 A4	
140	315105-0146	-		2	BRICKA BRB5,3X10RFR	
160	1317740-0000	A		1	RUBBER SLEEVE	
TBA 0250B (See drawing on page: 562)						
010	1317742-0000	A		1	CANTILEVER	
020	1317741-0000	A		1	CATCH	
030	1317440-0000	A		1	STOP PIN	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0325	-		1	SCREW M6S ISO 4017 M5X10 A480	
120	312115-0366	-		4	SCREW ISO4762 M6X12 A4	
140	315105-0146	-		1	BRICKA BRB5,3X10RFR	
160	1317740-0000	A		1	RUBBER SLEEVE	
TBA 0330S, TBA 0250S, TPA 0250SQ (See drawing on page: 566)						
010	1539172-0000	A		1	CANTILEVER	
030	2527725-0000	A		1	CATCH	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0328	-		2	SCREW M6S ISO 4017 M5X14 A480	
120	312115-0368	-		2	SCREW ISO4762 M6X16 A4	
TBA 0500B (See drawing on page: 566)						
010	1539886-0000	A		1	CANTILEVER	
030	1539887-0000	A		1	CATCH	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
120	312115-0366	-		2	SCREW ISO4762 M6X12 A4	
TBA 0500S (See drawing on page: 564)						
010	1349319-0000	A		1	CANTILEVER	
030	1349320-0000	A		1	CATCH	
040	1143216-0000	A		1	SPRING	
050	1143215-0000	A		1	SPRING	
060	1144601-0000	A		2	GUIDE STUD	
110	312115-0372	-		2	SCREW ISO4762 M6X25 A4	
120	312115-0378	-		2	SCREW ISO4762 M6X40 A4	
170	1511556-0000	A		1	SET SCREW	
180	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
TBA 1000B (See drawing on page: 564)						
010	1347526-0000	A		1	BRACKET	
020	1478396-0000	A		1	STOP	
030	1478393-0000	A		1	CATCH	
040	1348483-0000	A		1	SPRING RIGHT	
050	1348484-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
100	312105-0368	-		4	SCREW M6S M6X16 A280	
110	312115-0329	-		2	SCREW ISO4762 M5X16 A4	
130	315105-0153	-		4	WASHER BRB6,4X12RFR	
TBA 1000S (See drawing on page: 564)						
010	1347526-0000	A		1	BRACKET	
020	1478396-0000	A		1	STOP	
030	1478395-0000	A		1	CATCH	
040	1348483-0000	A		1	SPRING RIGHT	
050	1348484-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
100	312105-0368	-		4	SCREW M6S M6X16 A280	
110	312115-0329	-		2	SCREW ISO4762 M5X16 A4	
130	315105-0153	-		4	WASHER BRB6,4X12RFR	
TBA 1000SQ (See drawing on page: 564)						



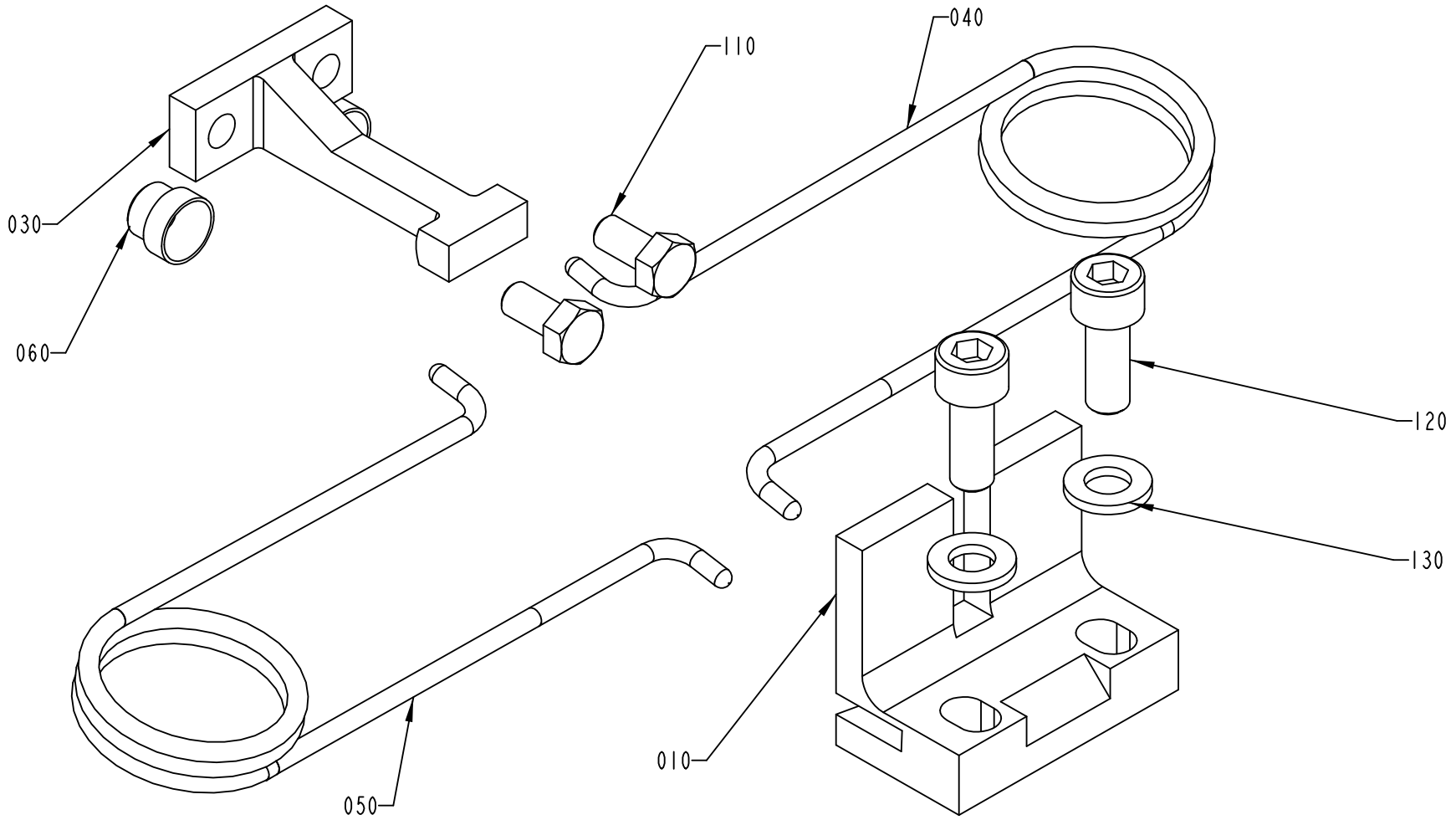
1334635-2
ECN 73647

ECM: 130290 - 20030611
Group number: 1334635-0200
Assembly Drawing: 1334635-2_1_AG

This list covers pages from 562 to 571

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000SQ (Cont'd) (See drawing on page: 564)						
010	1349319-0000	A		1	CANTILEVER	
030	1349320-0000	A		1	CATCH	
040	1143216-0000	A		1	SPRING	
050	1143215-0000	A		1	SPRING	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0366	-		2	SCREW M6S M6X12 A280	
120	312115-0378	-		2	SCREW ISO4762 M6X40 A4	
170	1511556-0000	A		1	SET SCREW	
180	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
TBA 1500S (See drawing on page: 564)						
010	1349319-0000	A		1	CANTILEVER	
030	1349320-0000	A		1	CATCH	
040	1143216-0000	A		1	SPRING	
050	1143215-0000	A		1	SPRING	
060	1144601-0000	A		2	GUIDE STUD	
110	312115-0368	-		2	SCREW ISO4762 M6X16 A4	
120	312115-0378	-		2	SCREW ISO4762 M6X40 A4	
170	1511556-0000	A		1	SET SCREW	
180	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
TPA 0330SQ (See drawing on page: 566)						
010	1539172-0000	A		1	CANTILEVER	
030	1539887-0000	A		1	CATCH	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0325	-		2	SCREW M6S ISO 4017 M5X10 A480	
120	312115-0368	-		2	SCREW ISO4762 M6X16 A4	
TPA 0500SQ (See drawing on page: 568)						
010	2563666-0000	A		1	CANTILEVER	
030	2527725-0000	A		1	CATCH	
040	2563670-0000	A		1	SPRING	
050	2563669-0000	A		1	SPRING	
070	2563671-0000	-		1	SHAFT	
075	2563667-0000	-		2	SHAFT	
080	1538521-0000	-		2	BUSHING	
085	2563672-0000	-		2	HOLDER	
110	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
120	312115-0366	-		2	SCREW ISO4762 M6X12 A4	
130	315105-0153	-		2	WASHER BRB6,4X12RFR	
190	312155-0339	-		2	SCREW EN 10642 MF6S M5X40 A480	
200	312115-0367	-		2	SCREW ISO4762 M6X14 A4	
210	90005-0002	-		2	WASHER 16/6,7X1,5	
220	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
TPA 1000S (See drawing on page: 564)						
010	1334533-0000	A		1	CANTILEVER	
020	1255912-0000	A		1	STOP	
030	1255913-0000	A		1	CATCH	
040	1143216-0000	A		1	SPRING	
050	1143215-0000	A		1	SPRING	
060	1144601-0000	A		2	GUIDE STUD	
100	312105-0368	-		4	SCREW M6S M6X16 A280	
110	312105-0325	-		2	SCREW M6S ISO 4017 M5X10 A480	
130	315105-0153	-		2	WASHER BRB6,4X12RFR	
140	315105-0146	-		2	BRICKA BRB5,3X10RFR	
TPA 1000SQ (See drawing on page: 570)						
010	1523475-0000	A		1	CANTILEVER	
020	2558921-0000	A		1	STOP	
025	2558923-0000	A		1	STOP	
040	2557613-0000	A		1	SPRING	
050	2557612-0000	A		1	SPRING	
060	1144601-0000	A		2	GUIDE STUD	
070	2558929-0000	-		1	BAR	
100	312105-0368	-		10	SCREW M6S M6X16 A280	
120	312105-0364	-		2	SCREW M6S ISO 4017 M6X10 A480	
130	315105-0153	-		10	WASHER BRB6,4X12RFR	
150	90062-0061	-		2	LOCK WASHER NORD-LOCK,6,5/10,8, H=2,6	

Machine Type | Group Description | Used-In | Group Number | Page No



TPA 330SQ
TBA 500B
TPA 250SQ

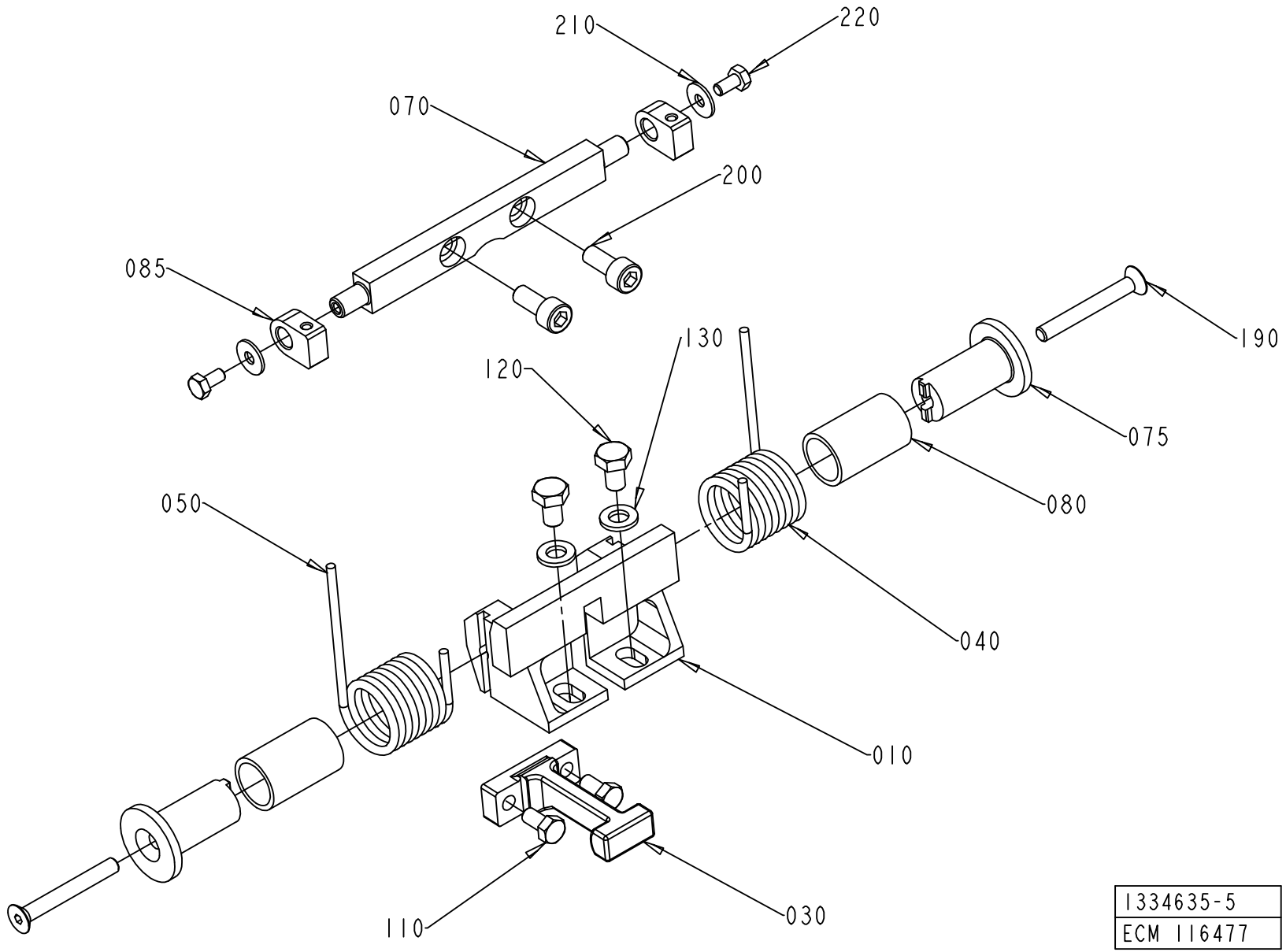
1334635-3
ECN 80471

ECM: 130290 - 20030611
Group number: 1334635-0200
Assembly Drawing: 1334635-3_1_AA

This list covers pages from 562 to 571

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 563, 565.						

Pos	Part No	SP	UN	Qty	Description	Page No



1334635-5
ECM 116477

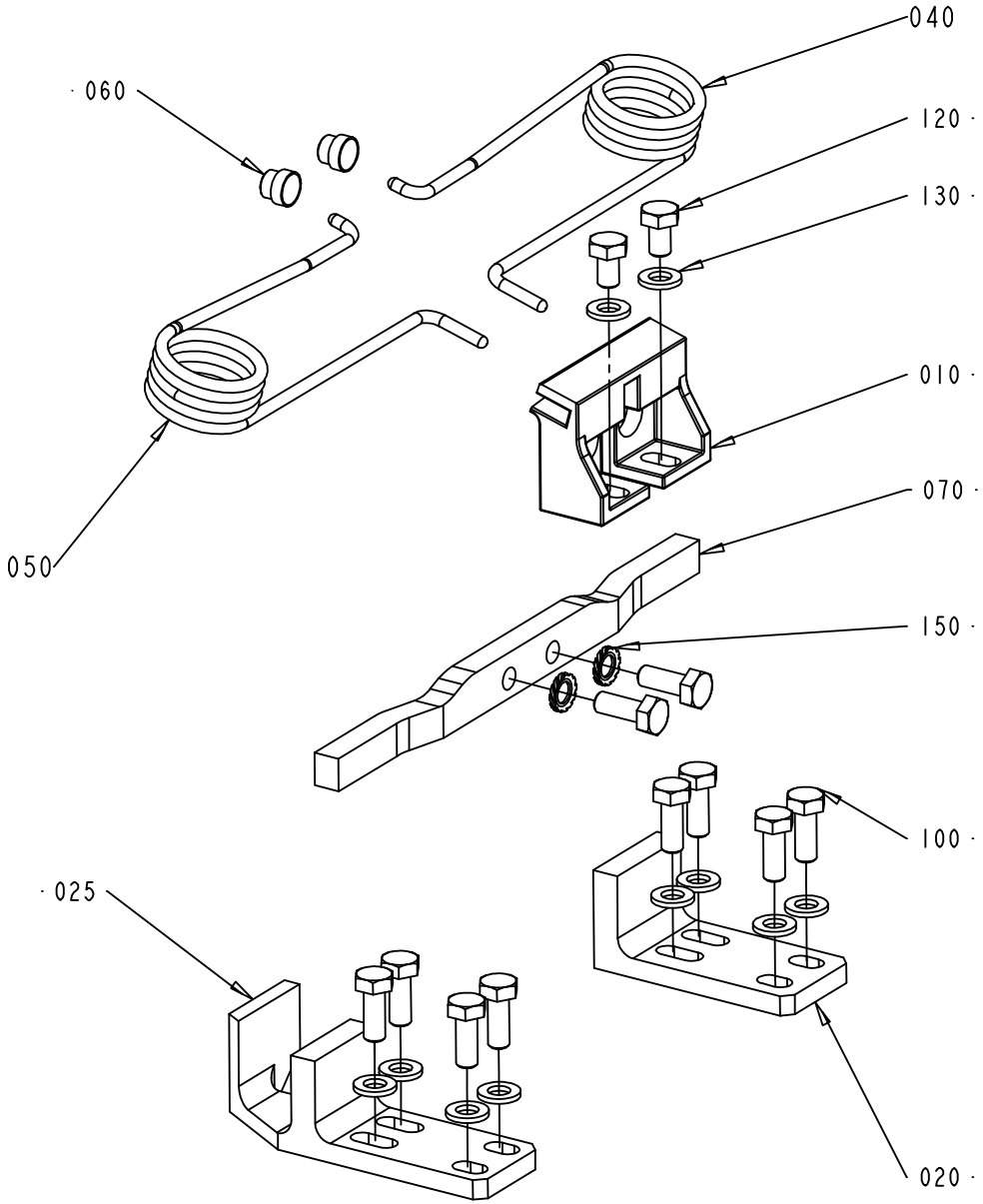
ECM: 130290 - 20030611
Group number: 1334635-0200
Assembly Drawing: 1334635-5_1_AA

This list covers pages from 562 to 571

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 563, 565.						

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type	Group Description	Used-In	Group Number	Page No



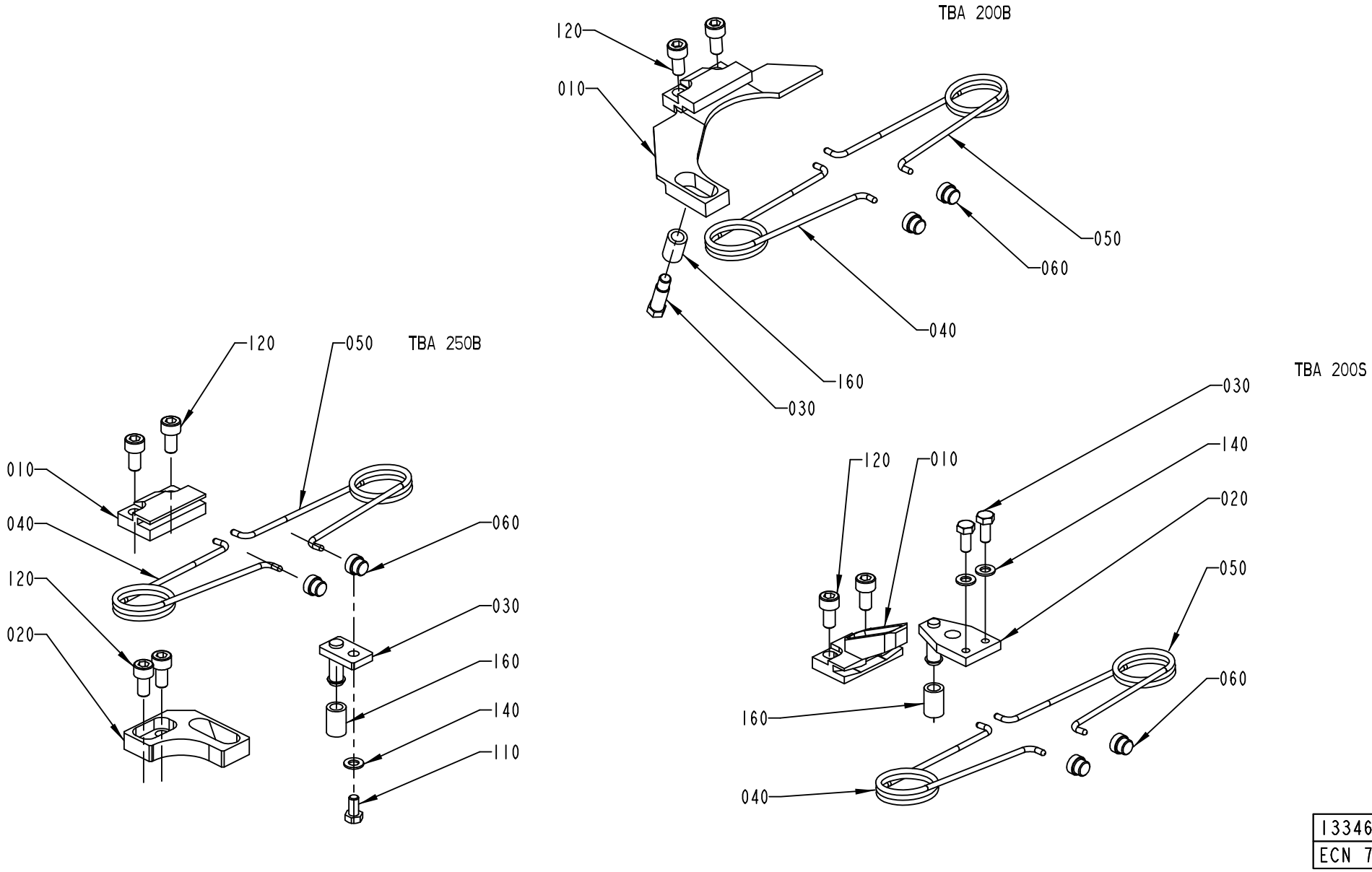
1334635-6
ECM 119888

ECM: 130290 - 20030611
Group number: 1334635-0200
Assembly Drawing: 1334635-6_1_AA

This list covers pages from 562 to 571

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 563, 565.						

Pos	Part No	SP	UN	Qty	Description	Page No



1334636-1
ECN 73647

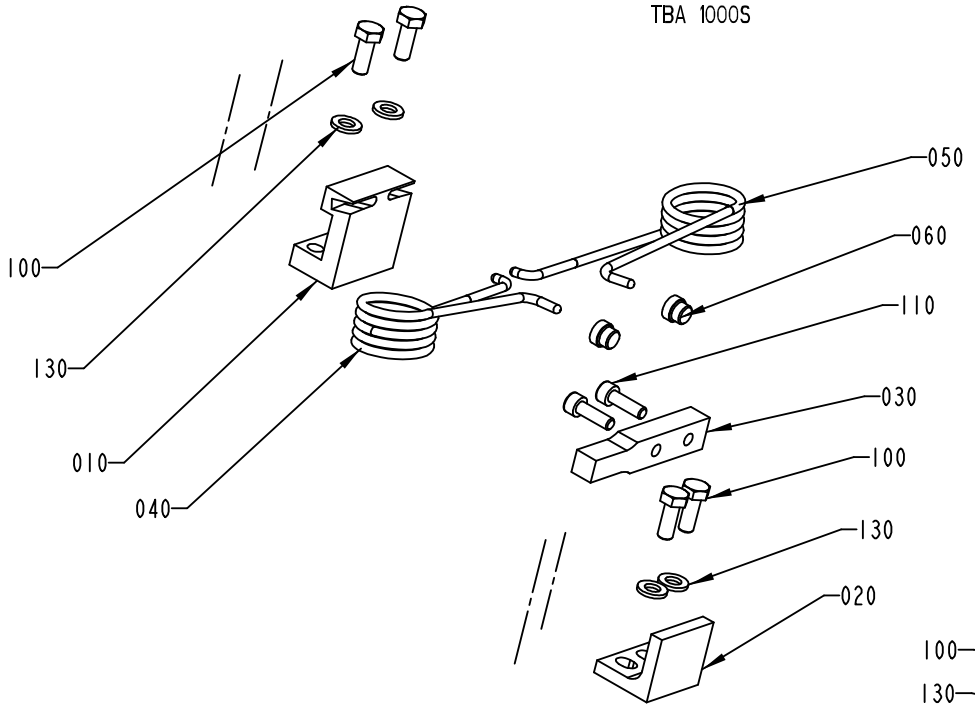
ECM: 130291 - 20030611
Group number: 1334636-0200
Assembly Drawing: 1334636-1_1_AF

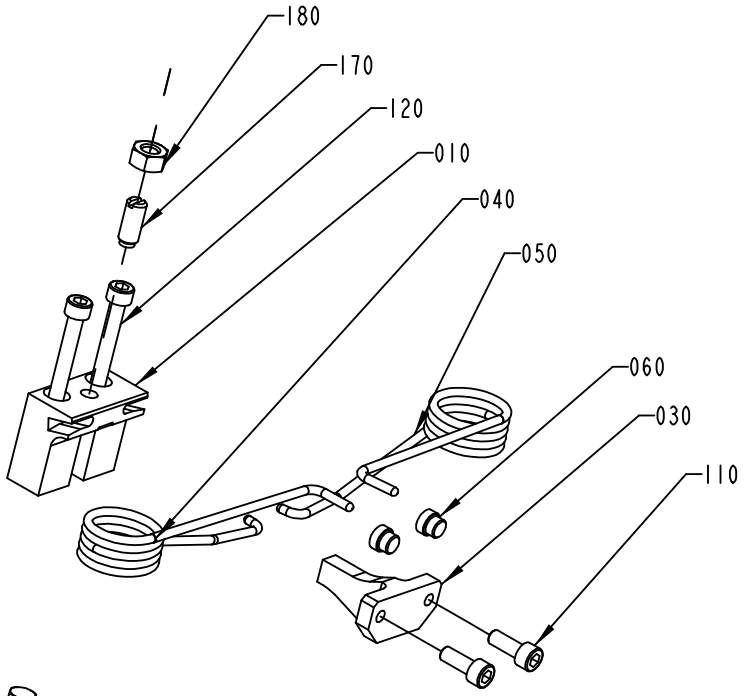
This list covers pages from 572 to 581

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B (See drawing on page: 572)						
010	1512579-0000	A		1	BRACKET	
030	1346153-0000	A		1	STOP PIN	
040	1350263-0000	A		1	SPRING RIGHT	
050	1348484-0000	A		1	SPRING LEFT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
120	312115-0366	-		2	SCREW ISO4762 M6X12 A4	
160	1317740-0000	A		1	RUBBER SLEEVE	
TBA 0200S (See drawing on page: 572)						
010	1317823-0000	A		1	CANTILEVER	
030	1317824-0000	A		1	CATCH	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
120	312115-0366	-		2	SCREW ISO4762 M6X12 A4	
140	315105-0146	-		2	BRICKA BRB5,3X10RFR	
160	1317740-0000	A		1	RUBBER SLEEVE	
TBA 0250B (See drawing on page: 572)						
010	1317742-0000	A		1	CANTILEVER	
020	1317439-0000	A		1	CATCH	
030	1317440-0000	A		1	STOP PIN	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0325	-		1	SCREW M6S ISO 4017 M5X10 A480	
120	312115-0366	-		4	SCREW ISO4762 M6X12 A4	
140	315105-0146	-		1	BRICKA BRB5,3X10RFR	
160	1317740-0000	A		1	RUBBER SLEEVE	
TBA 0330S, TBA 0250S, TPA 0250SQ (See drawing on page: 576)						
010	1539172-0000	A		1	CANTILEVER	
030	2527725-0000	A		1	CATCH	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0328	-		2	SCREW M6S ISO 4017 M5X14 A480	
120	312115-0368	-		2	SCREW ISO4762 M6X16 A4	

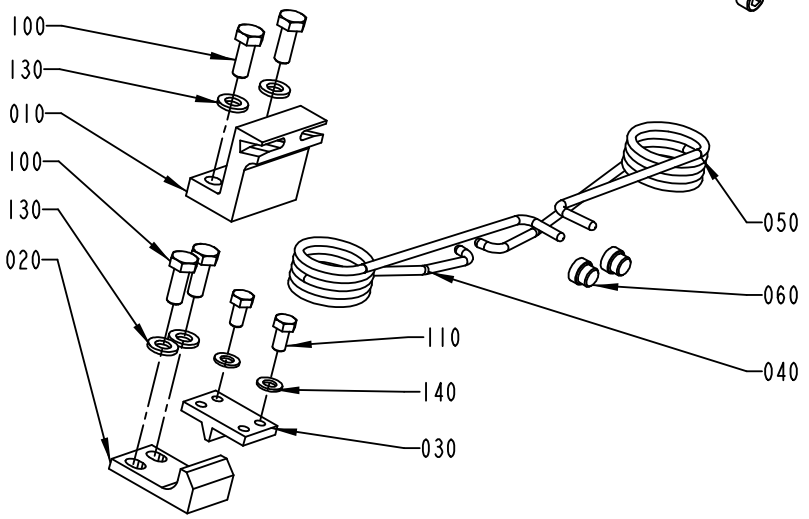
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500B (See drawing on page: 576)						
010	1539886-0000	A		1	CANTILEVER	
030	1539887-0000	A		1	CATCH	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
120	312115-0366	-		2	SCREW ISO4762 M6X12 A4	
TBA 0500S (See drawing on page: 574)						
010	1349319-0000	A		1	CANTILEVER	
030	1349320-0000	A		1	CATCH	
040	1143216-0000	A		1	SPRING	
050	1143215-0000	A		1	SPRING	
060	1144601-0000	A		2	GUIDE STUD	
110	312115-0372	-		2	SCREW ISO4762 M6X25 A4	
120	312115-0378	-		2	SCREW ISO4762 M6X40 A4	
170	1511556-0000	A		1	SET SCREW	
180	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
TBA 1000B (See drawing on page: 574)						
010	1347526-0000	A		1	BRACKET	
020	1478396-0000	A		1	STOP	
030	1478393-0000	A		1	CATCH	
040	1348483-0000	A		1	SPRING RIGHT	
050	1348484-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
100	312105-0368	-		4	SCREW M6S M6X16 A280	
110	312115-0329	-		2	SCREW ISO4762 M5X16 A4	
130	315105-0153	-		4	WASHER BRB6,4X12RFR	
TBA 1000S (See drawing on page: 574)						
010	1347526-0000	A		1	BRACKET	
020	1478396-0000	A		1	STOP	
030	1478395-0000	A		1	CATCH	
040	1348483-0000	A		1	SPRING RIGHT	
050	1348484-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
100	312105-0368	-		4	SCREW M6S M6X16 A280	
110	312115-0329	-		2	SCREW ISO4762 M5X16 A4	
130	315105-0153	-		4	WASHER BRB6,4X12RFR	

TBA 1000B
TBA 1000S





TBA 1500S
TBA 1000SQ
TBA 500S

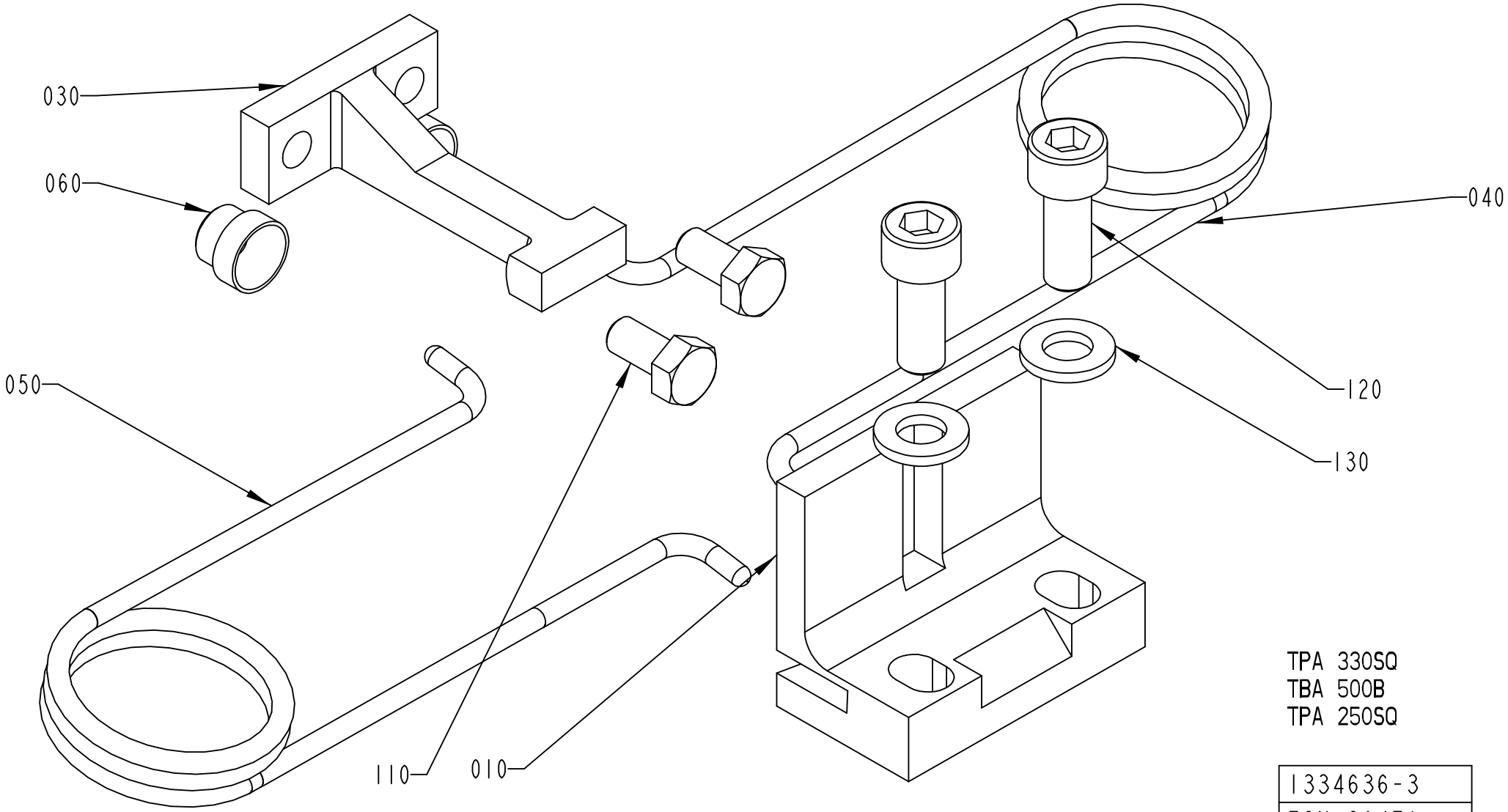


TPA 1000S

1334636-2
ECN 73647

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000SQ (Cont'd) (See drawing on page: 574)						
010	1349319-0000	A		1	CANTILEVER	
030	1349320-0000	A		1	CATCH	
040	1143216-0000	A		1	SPRING	
050	1143215-0000	A		1	SPRING	
060	1144601-0000	A		2	GUIDE STUD	
110	312115-0366	-		2	SCREW ISO4762 M6X12 A4	
120	312115-0378	-		2	SCREW ISO4762 M6X40 A4	
170	1511556-0000	A		1	SET SCREW	
180	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
TBA 1500S (See drawing on page: 574)						
010	1349319-0000	A		1	CANTILEVER	
030	1349320-0000	A		1	CATCH	
040	1143216-0000	A		1	SPRING	
050	1143215-0000	A		1	SPRING	
060	1144601-0000	A		2	GUIDE STUD	
110	312115-0368	-		2	SCREW ISO4762 M6X16 A4	
120	312115-0378	-		2	SCREW ISO4762 M6X40 A4	
170	1511556-0000	A		1	SET SCREW	
180	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
TPA 0330SQ (See drawing on page: 576)						
010	1539172-0000	A		1	CANTILEVER	
030	1539887-0000	A		1	CATCH	
040	1350263-0000	A		1	SPRING RIGHT	
050	1350264-0000	A		1	SPRING LEFT	
060	1144601-0000	A		2	GUIDE STUD	
110	312105-0325	-		2	SCREW M6S ISO 4017 M5X10 A480	
120	312115-0368	-		2	SCREW ISO4762 M6X16 A4	
TPA 0500SQ (See drawing on page: 578)						
010	2563666-0000	A		1	CANTILEVER	
030	2527725-0000	A		1	CATCH	
040	2563670-0000	A		1	SPRING	
050	2563669-0000	A		1	SPRING	
070	2563671-0000	-		1	SHAFT	
075	2563667-0000	-		2	SHAFT	
080	1538521-0000	-		2	BUSHING	
085	2563672-0000	-		2	HOLDER	
110	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
120	312115-0366	-		2	SCREW ISO4762 M6X12 A4	
130	315105-0153	-		2	WASHER BRB6,4X12RFR	
190	312155-0339	-		2	SCREW EN 10642 MF6S M5X40 A480	
200	312115-0367	-		2	SCREW ISO4762 M6X14 A4	
210	90005-0002	-		2	WASHER 16/6,7X1,5	
220	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
TPA 1000S (See drawing on page: 574)						
010	1334533-0000	A		1	CANTILEVER	
020	1255912-0000	A		1	STOP	
030	1255913-0000	A		1	CATCH	
040	1143216-0000	A		1	SPRING	
050	1143215-0000	A		1	SPRING	
060	1144601-0000	A		2	GUIDE STUD	
100	312105-0368	-		4	SCREW M6S M6X16 A280	
110	312105-0325	-		2	SCREW M6S ISO 4017 M5X10 A480	
130	315105-0153	-		2	WASHER BRB6,4X12RFR	
140	315105-0146	-		2	BRICKA BRB5,3X10RFR	
TPA 1000SQ (See drawing on page: 580)						
010	1523475-0000	A		1	CANTILEVER	
020	2558920-0000	A		1	STOP	
025	2558922-0000	A		1	STOP	
040	2557613-0000	A		1	SPRING	
050	2557612-0000	A		1	SPRING	
060	1144601-0000	A		2	GUIDE STUD	
070	2558929-0000	-		1	BAR	
100	312105-0368	-		10	SCREW M6S M6X16 A280	
120	312105-0364	-		2	SCREW M6S ISO 4017 M6X10 A480	
130	315105-0153	-		10	WASHER BRB6,4X12RFR	
150	90062-0061	-		2	LOCK WASHER NORD-LOCK,6,5/10,8, H=2,6	

Machine Type | Group Description | Used-In | Group Number | Page No



TPA 330SQ
TBA 500B
TPA 250SQ

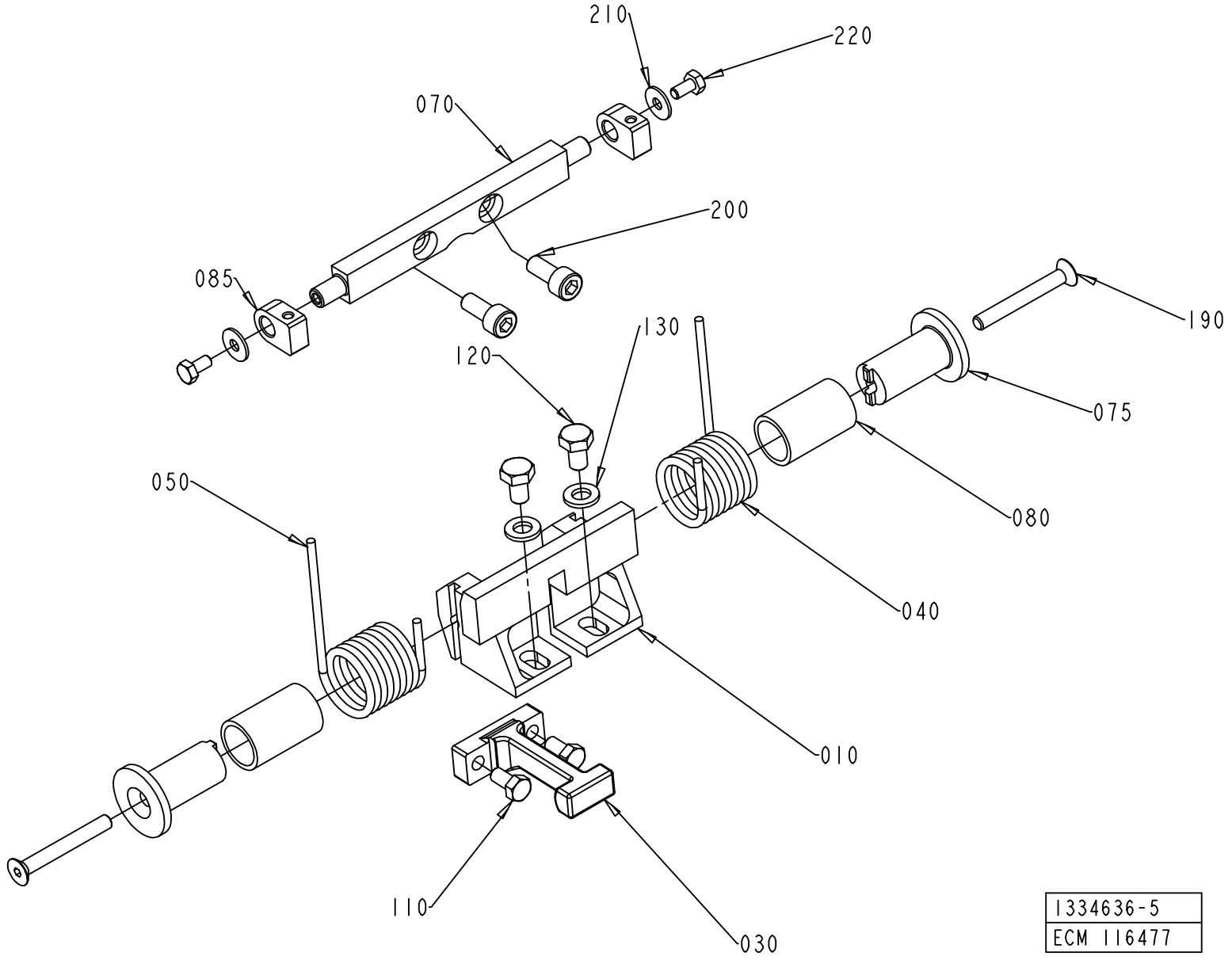
1334636-3
ECN 80471

ECM: 130291 - 20030611
Group number: 1334636-0200
Assembly Drawing: 1334636-3_1_AA

This list covers pages from 572 to 581

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 573, 575.						

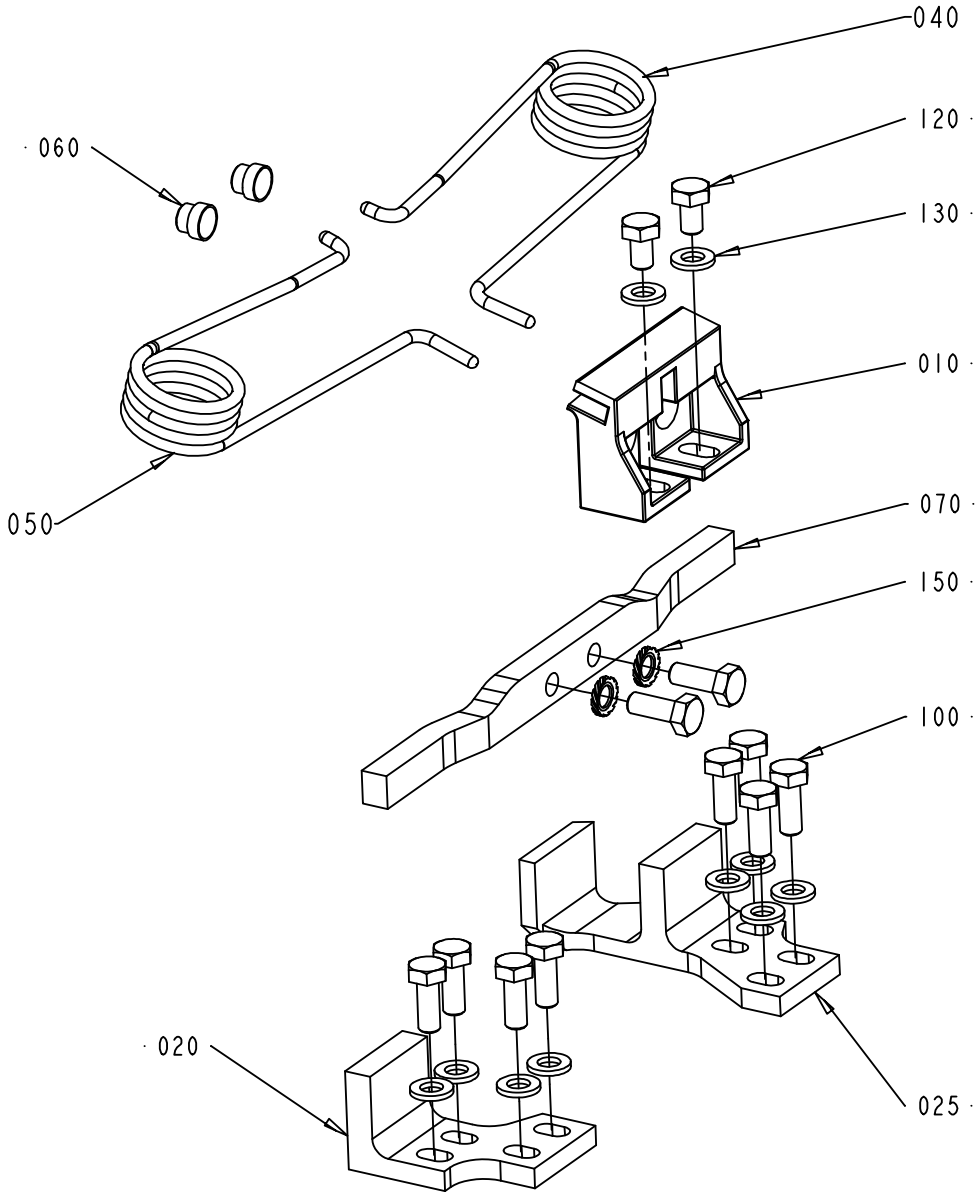
Pos	Part No	SP	UN	Qty	Description	Page No



1334636-5
ECM 116477

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 573, 575.						

Pos	Part No	SP	UN	Qty	Description	Page No



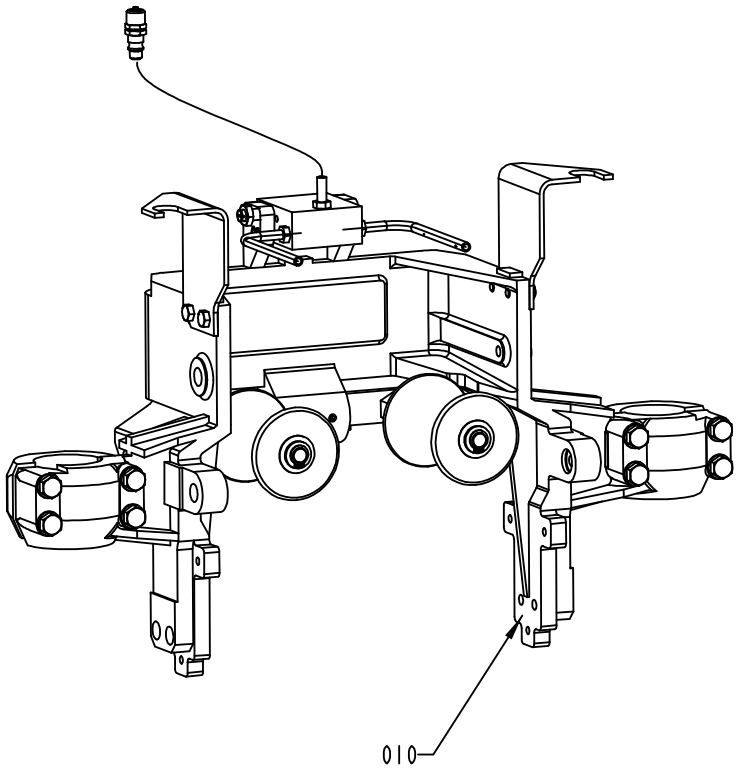
1334636-6
ECM 119888

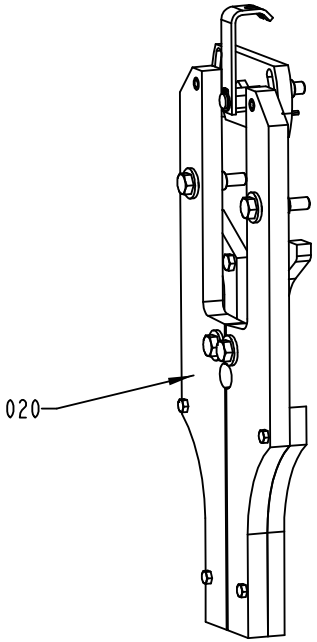
ECM: 130291 - 20030611
Group number: 1334636-0200
Assembly Drawing: 1334636-6_1_AA

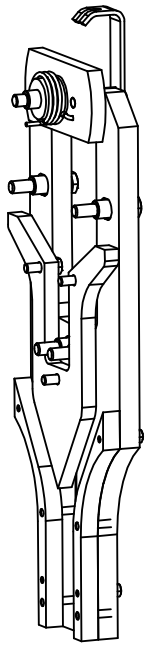
This list covers pages from 572 to 581

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 573, 575.						

Pos	Part No	SP	UN	Qty	Description	Page No



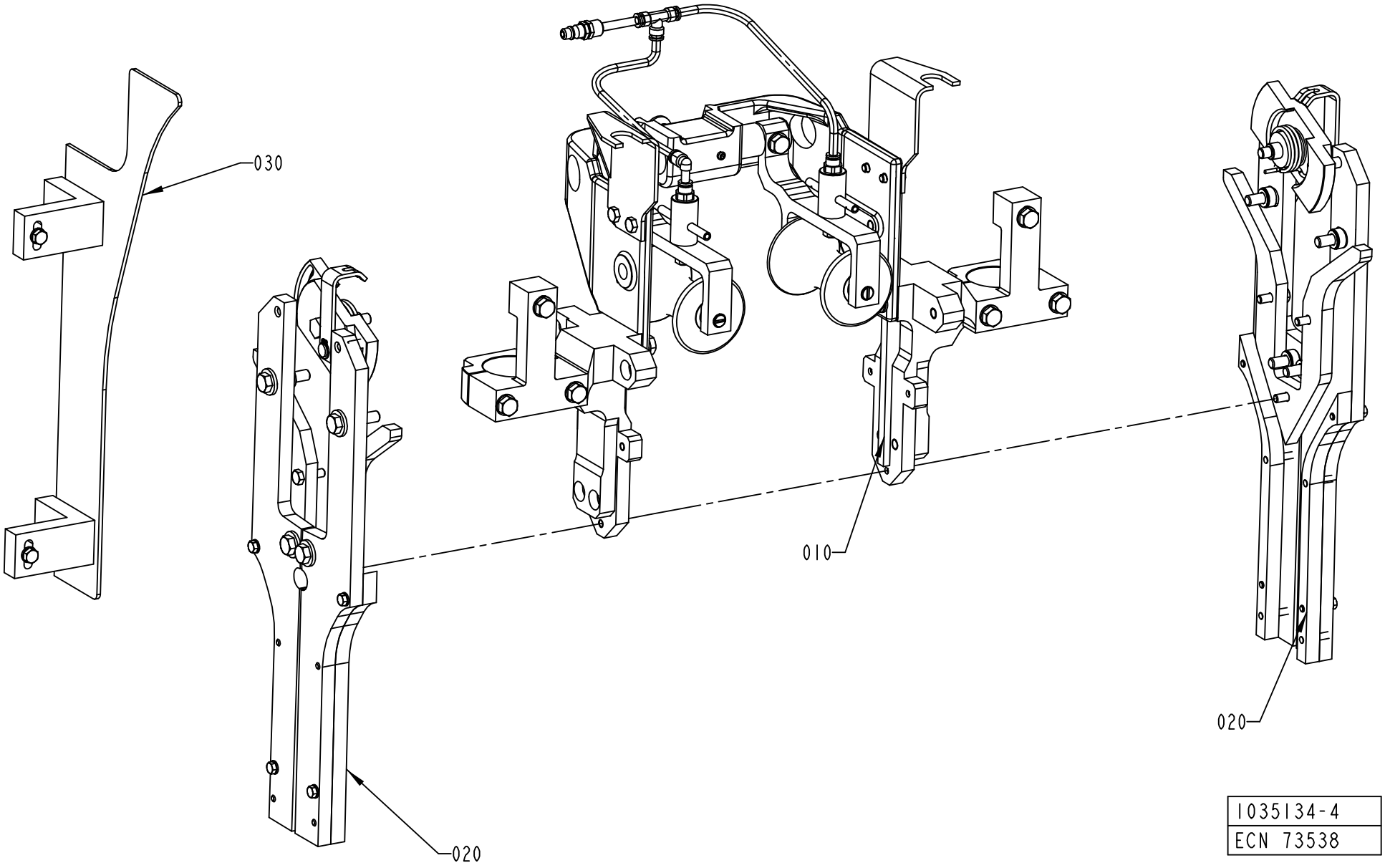




S-1035134-3
ECN 72956

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0200S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0250B (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0250S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0330S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0500B (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0500S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 1000B (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 1000S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 1000SQ (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 1500S (See drawing on page: 584)						
010	1484127-0100	-		1	CANTILEVER	**595**
030	1487345-0100	-		1	SAFETY CAM	**597**
TPA 0250SQ (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TPA 0330SQ (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TPA 0500SQ (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TPA 1000S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TPA 1000SQ (See drawing on page: 584)						
010	1484127-0100	-		1	CANTILEVER	**595**
030	1487345-0100	-		1	SAFETY CAM	**597**
Common Parts						
020	1035121-0400	-		1	CURVE UNIT	**599, 601, 603**

Machine Type | Group Description | Used-In | Group Number | Page No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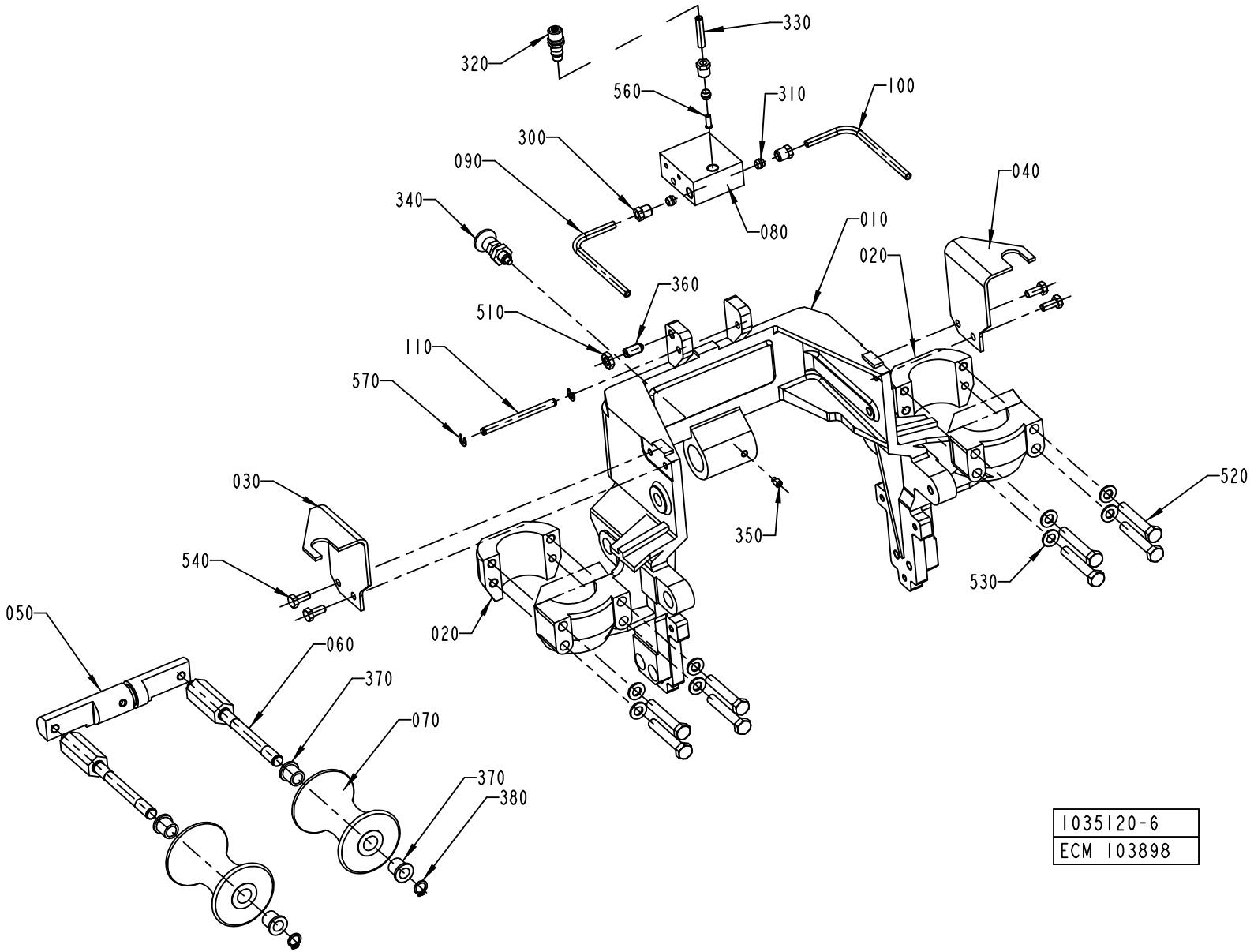
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0200S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0250B (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0250S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0330S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0500B (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 0500S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 1000B (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 1000S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 1000SQ (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TBA 1500S (See drawing on page: 584)						
010	1484127-0100	-		1	CANTILEVER	**595**
030	1487345-0100	-		1	SAFETY CAM	**597**
TPA 0250SQ (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TPA 0330SQ (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TPA 0500SQ (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TPA 1000S (See drawing on page: 582)						
010	1035120-0400	-		1	CANTILEVER	**587, 589, 591, 593**
TPA 1000SQ (See drawing on page: 584)						
010	1484127-0100	-		1	CANTILEVER	**595**
030	1487345-0100	-		1	SAFETY CAM	**597**
Common Parts						
020	1035121-0400	-		1	CURVE UNIT	**599, 601, 603**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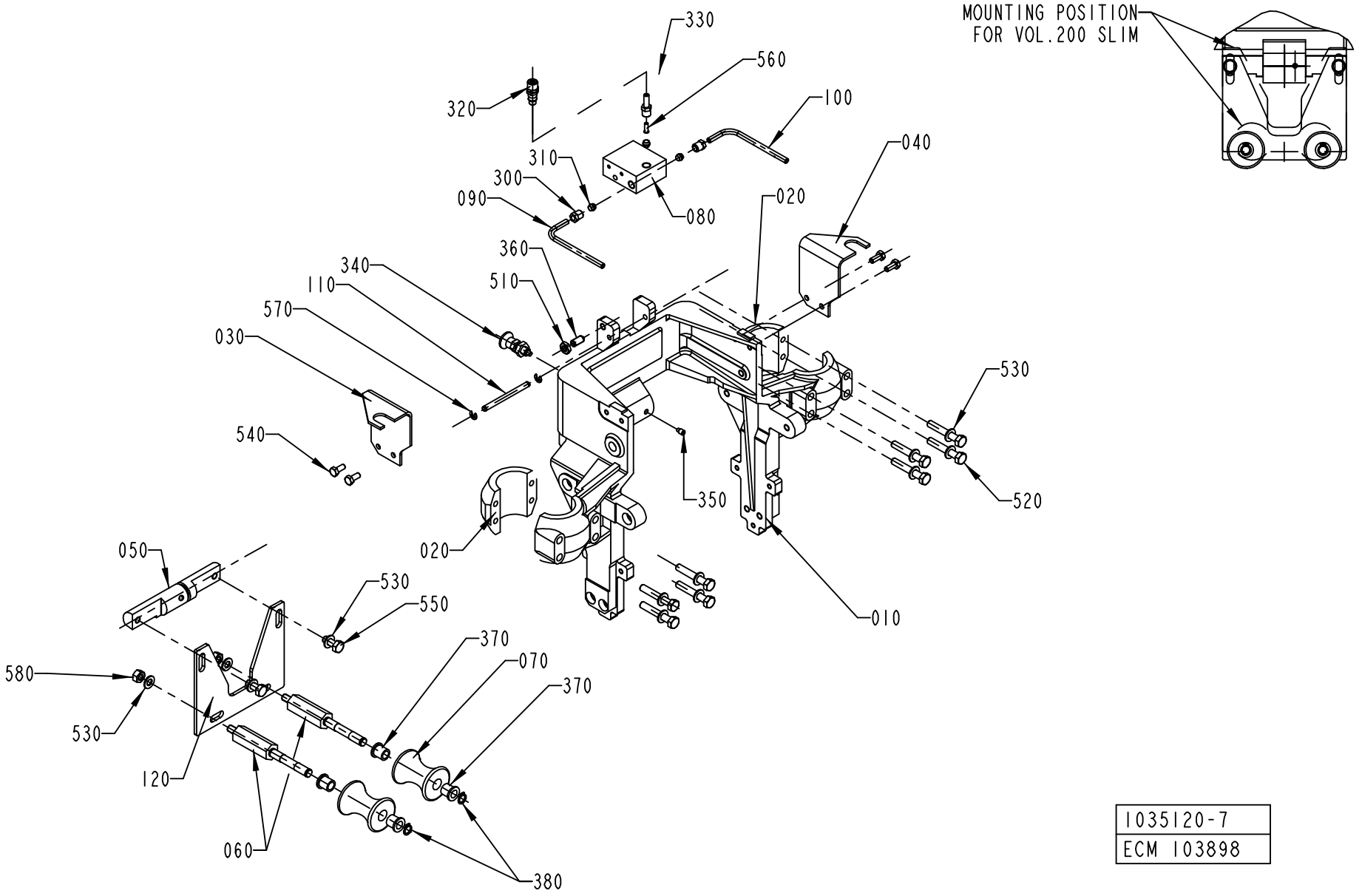
ECM 103898

ECM: 130289 - 20030611
Group number: 1035120-0400
Assembly Drawing: 1035120-6_1_AA

This list covers pages from 586 to 593

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B (See drawing on page: 588)						
010	1539116-0000	A		1	CANTILEVER	
020	1038142-0000	A		2	CAP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1255033-0000	A		2	SHAFT	
070	978757-0000	A		2	ROLLER 180-284ML	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255026-0000	B		1	TUBE FLUSHING DEVICE	
100	1255025-0000	B		1	TUBE FLUSHING DEVICE	
120	1523090-0000	-		1	PLATE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		12	WASHER BRB8,4X16RFR	
550	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
580	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
TBA 0200S (See drawing on page: 588)						
010	1539116-0000	A		1	CANTILEVER	
020	1038142-0000	A		2	CAP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1255033-0000	A		2	SHAFT	
070	978760-0000	A		2	ROLLER TBA200SL	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255026-0000	B		1	TUBE FLUSHING DEVICE	
100	1255025-0000	B		1	TUBE FLUSHING DEVICE	
120	1523089-0000	-		1	PLATE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		12	WASHER BRB8,4X16RFR	
550	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
580	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
TBA 0250B (See drawing on page: 588)						
010	1539116-0000	A		1	CANTILEVER	
020	1038142-0000	A		2	CAP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1255033-0000	A		2	SHAFT	
070	978757-0000	A		2	ROLLER 180-284ML	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255026-0000	B		1	TUBE FLUSHING DEVICE	
100	1255025-0000	B		1	TUBE FLUSHING DEVICE	
120	1523089-0000	-		1	PLATE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		12	WASHER BRB8,4X16RFR	
550	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
580	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
TBA 0250S (See drawing on page: 588)						
010	1539116-0000	A		1	CANTILEVER	
020	1038142-0000	A		2	CAP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1255033-0000	A		2	SHAFT	
070	2530124-0000	A		2	ROLLER	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255026-0000	B		1	TUBE FLUSHING DEVICE	
100	1255025-0000	B		1	TUBE FLUSHING DEVICE	
120	2530125-0000	-		1	PLATE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		12	WASHER BRB8,4X16RFR	
550	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
580	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
TBA 0330S (See drawing on page: 588)						
010	1539116-0000	A		1	CANTILEVER	
020	1038142-0000	A		2	CAP	
030	1038712-0000	-		1	FASTENING BRACKET	



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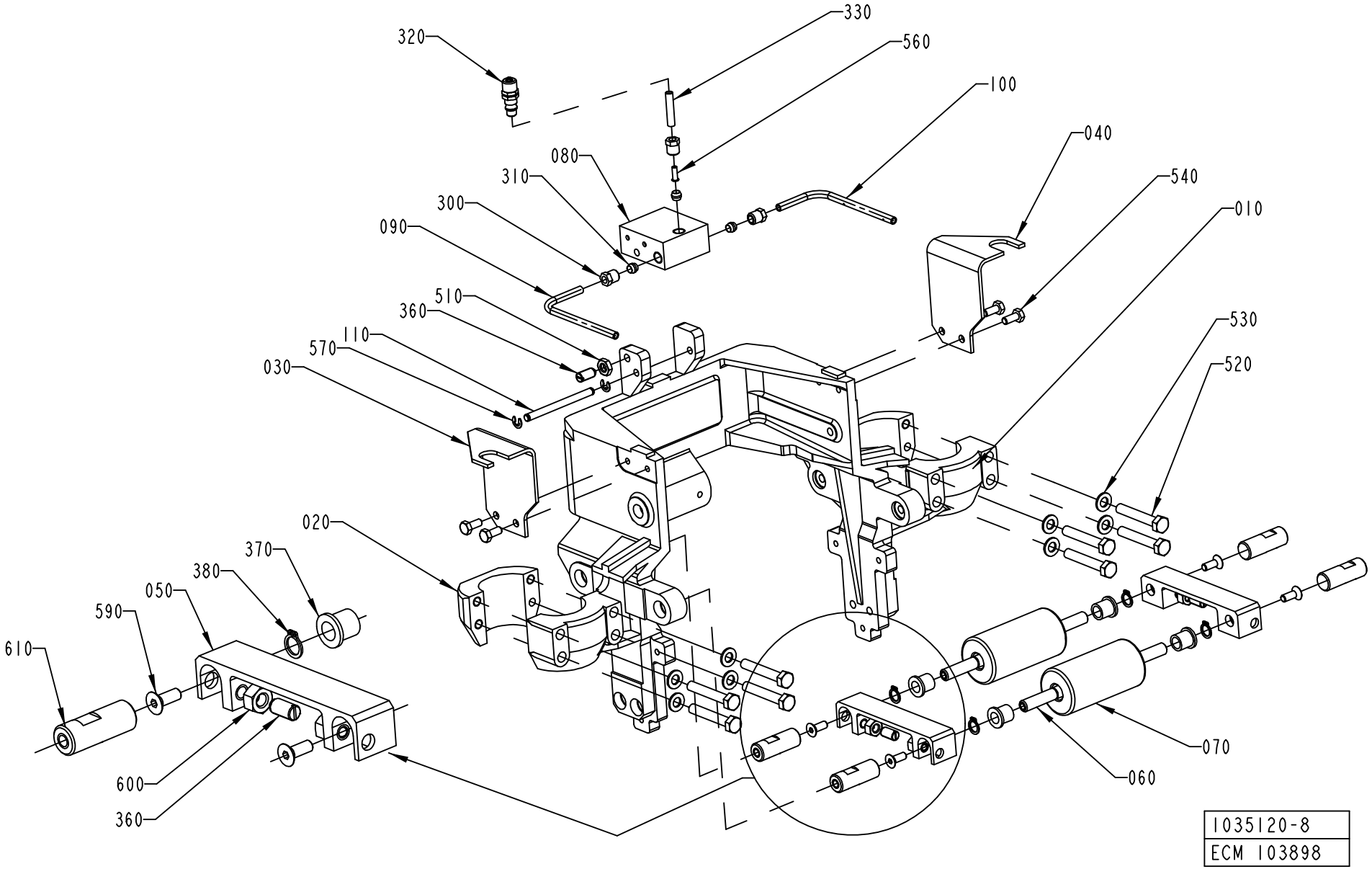
ECM 103898

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S (Cont'd) (See drawing on page: 588)						
040	1038713-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1255033-0000	A		2	SHAFT	
070	978757-0000	A		2	ROLLER 180-284ML	
080	2566027-0000	B		1	PIPE CONNECTION	
090	2566026-0000	B		1	TUBE FLUSHING DEVICE	
100	2566025-0000	B		1	TUBE FLUSHING DEVICE	
120	1523089-0000	-		1	PLATE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		12	WASHER BRB8,4X16RFR	
550	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
580	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
TBA 0500B (See drawing on page: 586)						
010	1539116-0000	A		1	CANTILEVER	
020	1038142-0000	A		2	CAP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1040914-0000	A		2	SHAFT	
070	560122-0000	A		2	SUPPORT ROLLER	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255024-0000	B		1	TUBE FLUSHING DEVICE	
100	1255023-0000	B		1	TUBE FLUSHING DEVICE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		8	WASHER BRB8,4X16RFR	
TBA 0500S (See drawing on page: 586)						
010	1490417-0000	A		1	CANTILEVER	
020	1490418-0000	A		2	CLAMP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1512485-0000	-		1	SHAFT	
060	1040914-0000	A		2	SHAFT	
070	1512484-0000	A		2	ROLLER	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255026-0000	B		1	TUBE FLUSHING DEVICE	
100	1255025-0000	B		1	TUBE FLUSHING DEVICE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		8	WASHER BRB8,4X16RFR	
TBA 1000B (See drawing on page: 586)						
010	1490417-0000	A		1	CANTILEVER	
020	1490418-0000	A		2	CLAMP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1040914-0000	A		2	SHAFT	
070	560122-0000	A		2	SUPPORT ROLLER	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255024-0000	B		1	TUBE FLUSHING DEVICE	
100	1255023-0000	B		1	TUBE FLUSHING DEVICE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		8	WASHER BRB8,4X16RFR	
TBA 1000S (See drawing on page: 586)						
010	1490417-0000	A		1	CANTILEVER	
020	1490418-0000	A		2	CLAMP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1040914-0000	A		2	SHAFT	
070	569058-0000	A		2	SUPPORT ROLLER	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255024-0000	B		1	TUBE FLUSHING DEVICE	
100	1255023-0000	B		1	TUBE FLUSHING DEVICE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		8	WASHER BRB8,4X16RFR	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ECM 103898

ECM: 130289 - 20030611
Group number: 1035120-0400
Assembly Drawing: 1035120-8_1_AA

This list covers pages from 586 to 593

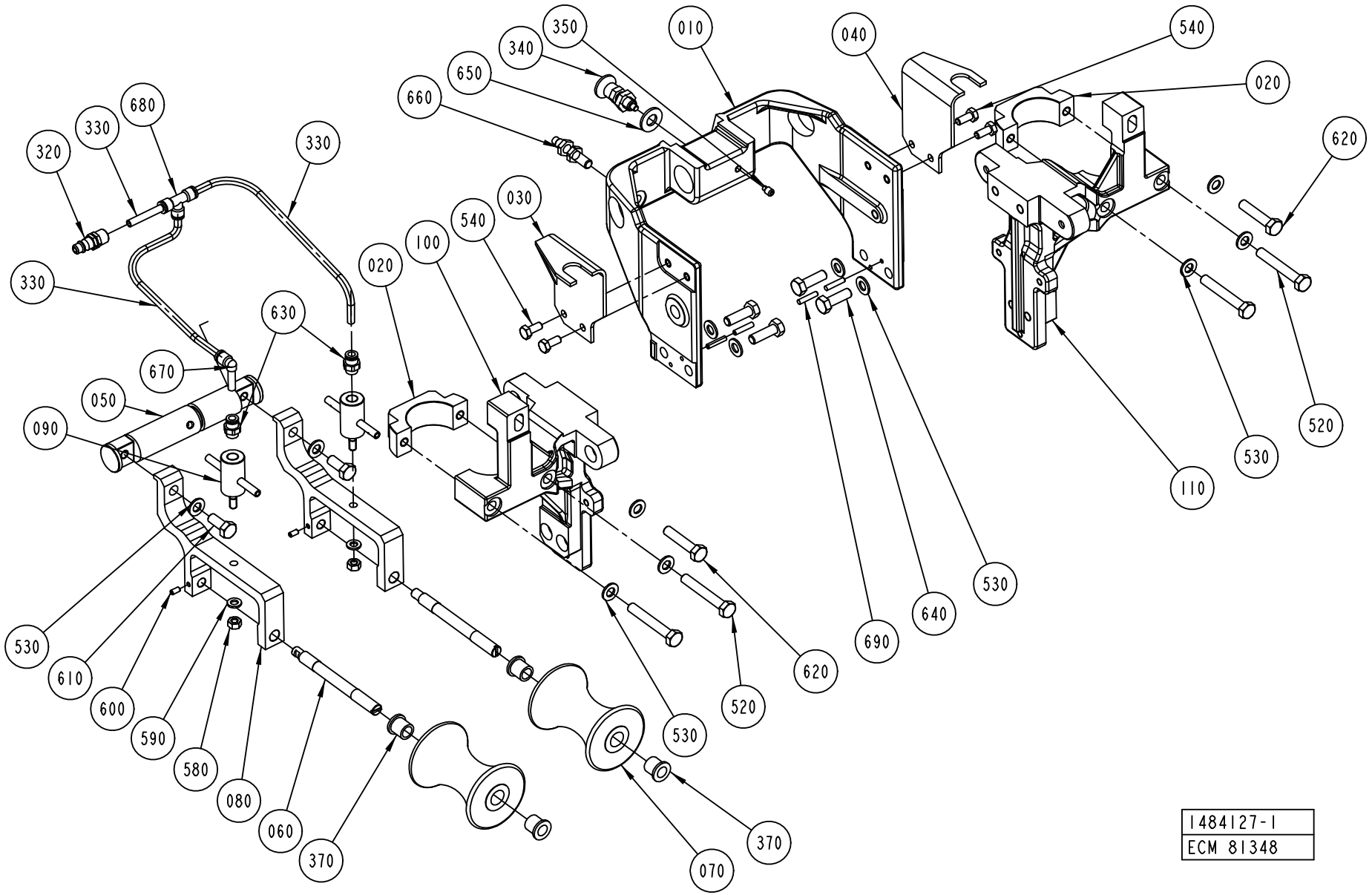
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000SQ (Cont'd) (See drawing on page: 586)						
010	1490417-0000	A		1	CANTILEVER	
020	1490418-0000	A		2	CLAMP	
030	1349749-0000	-		1	FASTENING BRACKET	
040	1349750-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1040914-0000	A		2	SHAFT	
070	1499678-0000	A		2	ROLLER	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255024-0000	B		1	TUBE FLUSHING DEVICE	
100	1255023-0000	B		1	TUBE FLUSHING DEVICE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		8	WASHER BRB8,4X16RFR	
TPA 0250SQ (See drawing on page: 588)						
010	1539116-0000	A		1	CANTILEVER	
020	1038142-0000	A		2	CAP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1255033-0000	A		2	SHAFT	
070	978760-0000	A		2	ROLLER TBA200SL	
080	1255020-0000	B		1	PIPE CONNECTION	
090	2551975-0000	B		1	TUBE FLUSHING DEVICE	
100	2551974-0000	B		1	TUBE FLUSHING DEVICE	
120	1539117-0000	-		1	PLATE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		12	WASHER BRB8,4X16RFR	
550	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
580	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
TPA 0330SQ (See drawing on page: 588)						
010	1539116-0000	A		1	CANTILEVER	
020	1038142-0000	A		2	CAP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1255021-0000	-		1	SHAFT	
060	1255033-0000	A		2	SHAFT	
070	929355-0000	A		2	ROLLER TPA 330	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255026-0000	B		1	TUBE FLUSHING DEVICE	
100	1255025-0000	B		1	TUBE FLUSHING DEVICE	
120	1539117-0000	-		1	PLATE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		12	WASHER BRB8,4X16RFR	
550	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
580	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
TPA 0500SQ (See drawing on page: 586)						
010	1490417-0000	A		1	CANTILEVER	
020	1490418-0000	A		2	CLAMP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1512485-0000	-		1	SHAFT	
060	1040914-0000	A		2	SHAFT	
070	2503671-0000	A		2	ROLLER	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255026-0000	B		1	TUBE FLUSHING DEVICE	
100	1255025-0000	B		1	TUBE FLUSHING DEVICE	
340	90051-0112	A		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
360	90287-0112	B		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		2	RETAIN. RING, 10	
530	315105-0165	-		8	WASHER BRB8,4X16RFR	
TPA 1000S (See drawing on page: 590)						
010	2535770-0000	A		1	CANTILEVER	
020	1490418-0000	A		2	CLAMP	
030	1038712-0000	-		1	FASTENING BRACKET	
040	1038713-0000	-		1	FASTENING BRACKET	
050	1498987-0000	-		2	BRACKET	
060	1498986-0000	A		2	SHAFT	
070	1549600-0000	A		2	SUPPORT ROLLER	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255024-0000	B		1	TUBE FLUSHING DEVICE	

Machine Type Group Description Used-In Group Number Page No

See previous drawings pages: 586, 588, 590.

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000S (Cont'd) (See drawing on page: 590)						
070	1549600-0000	A		2	SUPPORT ROLLER	
080	1255020-0000	B		1	PIPE CONNECTION	
090	1255024-0000	B		1	TUBE FLUSHING DEVICE	
100	1255023-0000	B		1	TUBE FLUSHING DEVICE	
360	90287-0112	B		5	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
380	90141-0016	-		4	RETAIN. RING, 10	
530	315105-0165	-		8	WASHER BRB8,4X16RFR	
590	312155-0368	-		4	SCREW EN 10642 MF6S M6X16 A480	
600	312605-0318	-		4	HEXAGON NUT, M6M M8 A280	
610	1498988-0000	-		4	COLUMN	
Common Parts						
110	1255022-0000	B		1	SHAFT	
300	90134-0055	-		3	BUSHING/NUT INLET/OUTLET 6 MM	
310	90028-0022	-		3	CONE TUBE 6 MM	
320	90163-0063	-		1	QUICK COUPLING, (M) 5450-6/4	
330	90166-0132	-	MM	500	TUBE 6 MM PA,TRANSP.	
370	90240-0180	B		4	FLANGE BUSHING 10X14X15MM	
510	312625-0318	-		1	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
520	312105-0461	-		8	SCREW M6S ISO 4014 M8X50 A480	
540	312105-0367	-		4	SCREW M6S M6X14 A280	
560	342706-0130	-		1	ACCESSORIES, INSERT SLEEVE 6 MM	
570	315755-0107	-		2	LOCKING WASHER 5	

Pos	Part No	SP	UN	Qty	Description	Page No



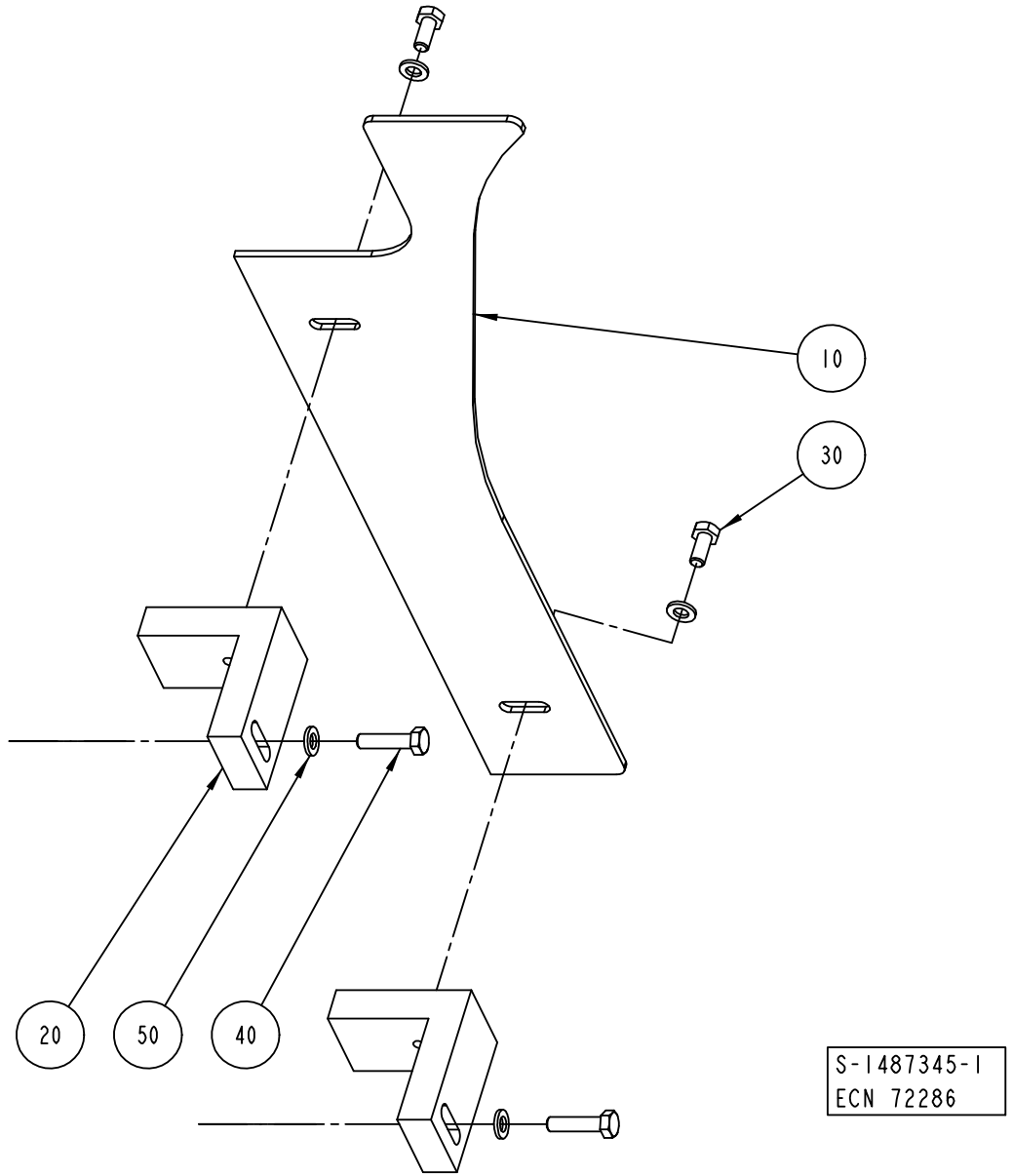
1484127-1
ECM 81348

ECM: 112936 - 20021030
Group number: 1484127-0100
Assembly Drawing: 1484127-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1500S						
050	1349751-0000	D		1	SHAFT	
070	560122-0000	C		2	SUPPORT ROLLER	
TPA 1000SQ						
050	1524592-0000	-		1	SHAFT	
070	1524421-0000	-		2	ROLLER	
Common Parts						
010	1349747-0000	D		1	CANTILEVER	
020	1349748-0000	D		2	CONNECTION CLAMP	
030	1349749-0000	D		1	FASTENING BRACKET	
040	1349750-0000	D		1	FASTENING BRACKET	
060	1349752-0000	C		2	SHAFT	
080	1349757-0000	D		2	HOLDER	
090	1484849-0000	C		2	TUBE FLUSHING DEVICE	
100	1558150-0000	-		1	BRACKET	
110	1558151-0000	-		1	BRACKET	
320	90163-0063	-		1	QUICK COUPLING, (M) 5450-6/4	
330	90166-0132	-	MM	1500	TUBE 6 MM PA,TRANSP.	
340	90051-0112	C		1	LOCK KNOB, NO. GN 617 NIK5	
350	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
370	90240-0180	C		4	FLANGE BUSHING 10X14X15MM	
520	312105-0462	-		4	SCREW M6S ISO 4014 M8X55 A480	
530	315105-0165	-		12	WASHER BRB8,4X16RFR	
540	312105-0367	-		4	SCREW M6S M6X14 A280	
580	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
590	315105-0153	-		2	WASHER BRB6,4X12RFR	
600	312318-0287	-		2	SCREW ISO4029 M4X8 A4	
610	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
620	312105-0459	-		2	SCREW M6S ISO 4014 M8X40 A480	
630	342722-0202	-		2	PIPE COUPLING 1/8" D=6MM	
640	312105-0453	-		4	SCREW M6S ISO 4017 M8X25 A480	
650	315105-0173	-		1	WASHER BRB10,5X22RFR	
670	90055-0217	-		1	ELBOW PIPE JOINT	
680	342748-0102	-		1	T-CONNECTION 6MM	
690	311103-0272	-		4	PARALLEL PIN ISO 2338 4M6X20 A1	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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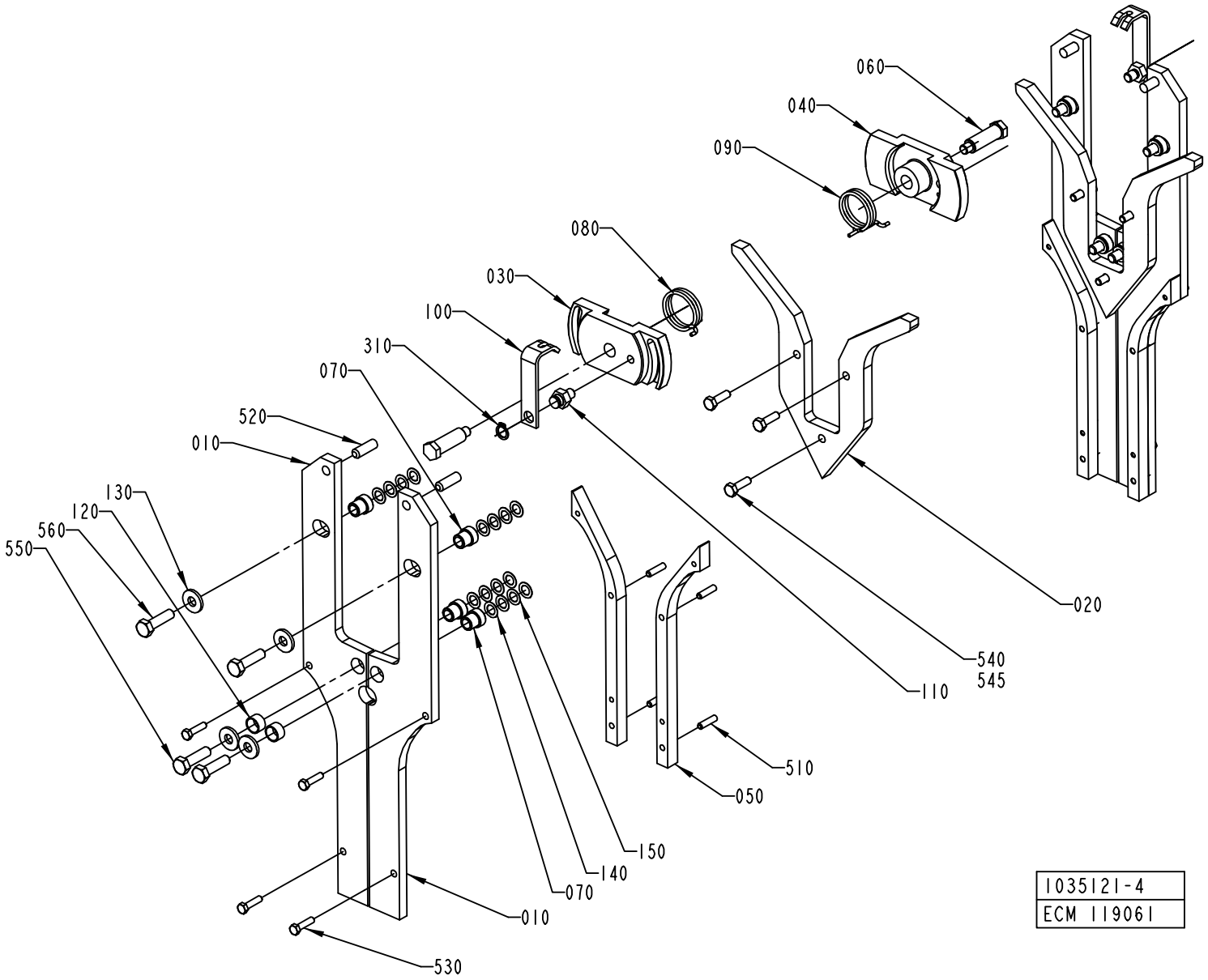
S-1487345-1
ECN 72286

ECM: 106272 - 20020520
Group number: 1487345-0100
Assembly Drawing: 1487345-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1500S						
010	1349746-0000	-		1	CAM	
TPA 1000SQ						
010	1532528-0000	-		1	CAM	
Common Parts						
020	1349760-0000	-		2	BLOCK	
030	312105-0367	-		2	SCREW M6S M6X14 A280	
040	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
050	315105-0153	-		4	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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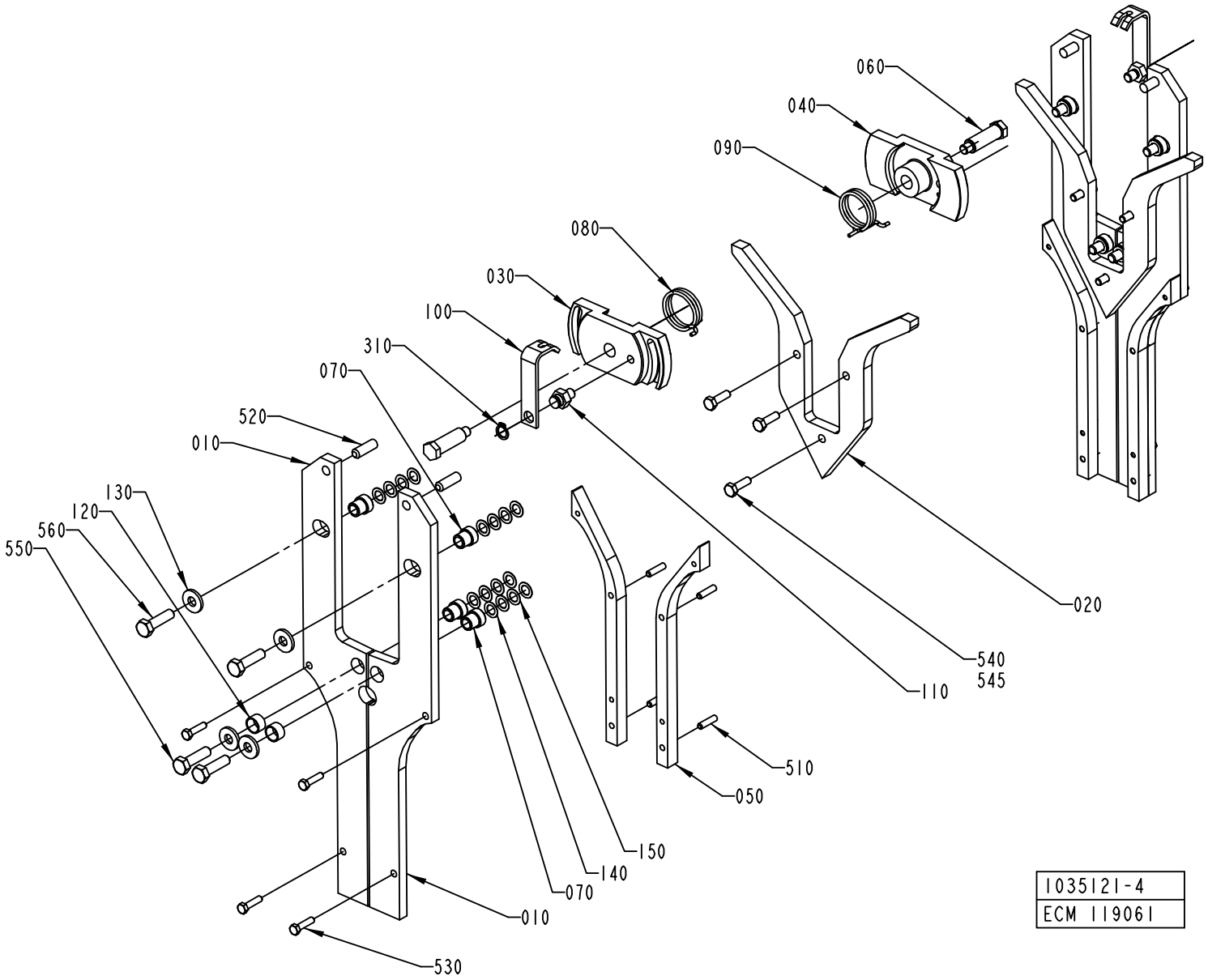
1035121-4
ECM 119061

ECM: 139508 - 20030505
Group number: 1035121-0400
Assembly Drawing: 1035121-4_1_AC

This list covers pages from 598 to 603

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B						
010	2533739-0000	A		4	RAIL BRACKET	
020	1478357-0000	A		2	CURVE	
030	1037879-0000	A		1	ECCENTRIC	
040	1037880-0000	A		1	ECCENTRIC	
050	1478243-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TBA 0200S						
010	2533740-0000	A		4	RAIL BRACKET	
020	1334081-0000	A		2	CURVE	
030	1037879-0000	A		1	ECCENTRIC	
040	1037880-0000	A		1	ECCENTRIC	
050	1478497-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TBA 0250B						
010	2533738-0000	A		4	RAIL BRACKET	
020	1478461-0000	A		2	CURVE	
030	1037879-0000	A		1	ECCENTRIC	
040	1037880-0000	A		1	ECCENTRIC	
050	1478242-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TBA 0250S						
010	2529694-0000	A		4	RAIL BRACKET	
020	2529695-0000	A		2	CURVE	
030	1037879-0000	A		1	ECCENTRIC	
040	1037880-0000	A		1	ECCENTRIC	
050	2529696-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0402	-		4	PARALLEL PIN ISO 2338 8M6X22 A1	
550	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TBA 0330S						
010	2547318-0000	A		4	RAIL BRACKET	
020	2547316-0000	A		2	CURVE	
030	1037879-0000	A		1	ECCENTRIC	
040	1037880-0000	A		1	ECCENTRIC	
050	2547317-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TBA 0500B						
010	2533746-0000	A		4	RAIL BRACKET	
020	1532282-0000	A		2	CURVE	
030	1037879-0000	A		1	ECCENTRIC	
040	1037880-0000	A		1	ECCENTRIC	
050	1532283-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TBA 0500S						
010	2533745-0000	A		4	RAIL BRACKET	
020	1512324-0000	A		2	CURVE	
030	1036537-0000	A		1	ECCENTRIC	
040	1036538-0000	A		1	ECCENTRIC	
050	1512325-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TBA 1000B						
010	2533741-0000	A		4	RAIL BRACKET	
020	1348808-0000	A		2	CURVE	
030	1036537-0000	A		1	ECCENTRIC	
040	1036538-0000	A		1	ECCENTRIC	
050	1484250-0000	A		4	VOLUME CAM	

Machine Type | Group Description | Used-In | Group Number | Page No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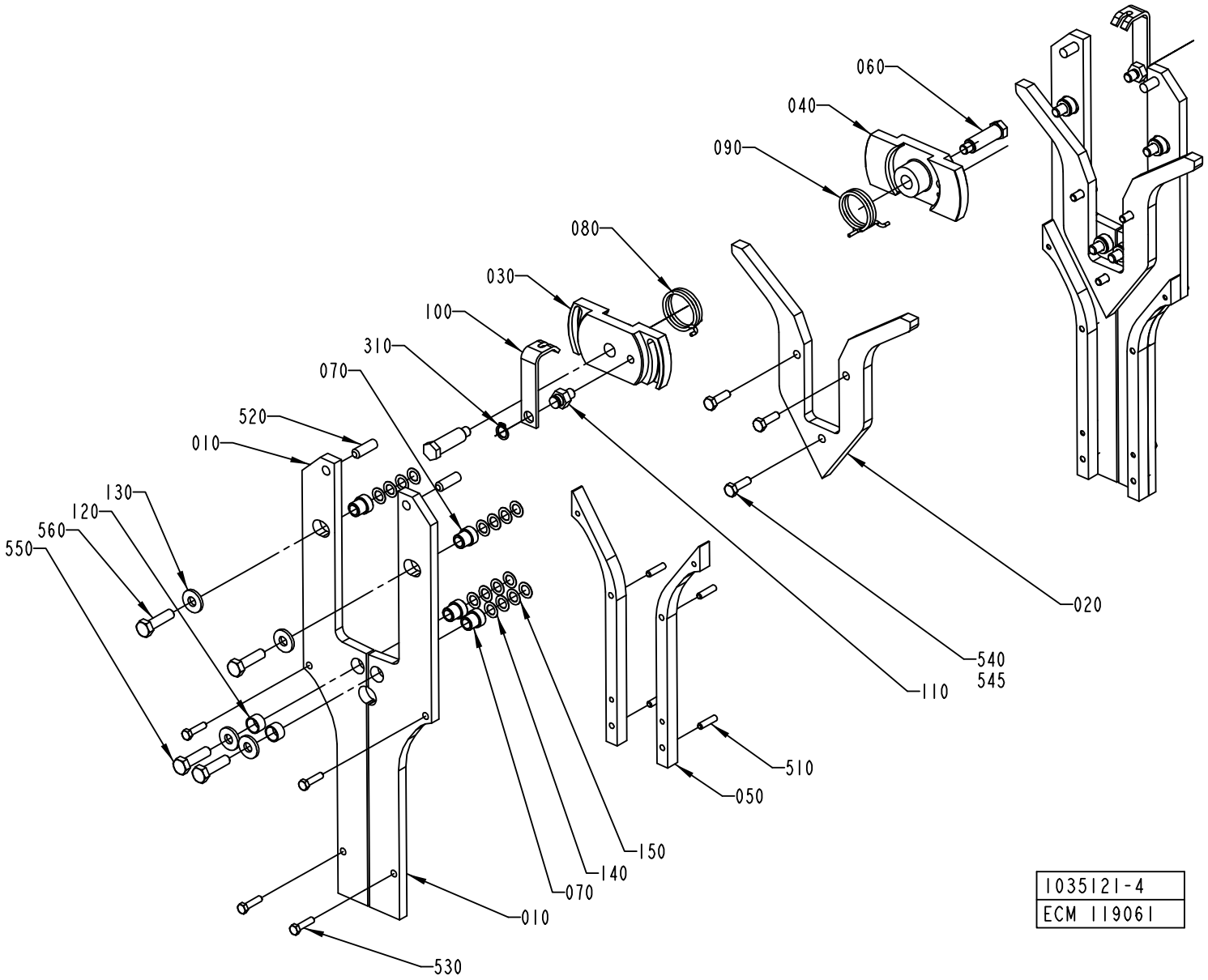
1035121-4
ECM 119061

ECM: 139508 - 20030505
Group number: 1035121-0400
Assembly Drawing: 1035121-4_1_AC

This list covers pages from 598 to 603

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000B (Cont'd)						
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TBA 1000S						
010	2533742-0000	A		4	RAIL BRACKET	
020	1348809-0000	A		2	CURVE	
030	1036537-0000	A		1	ECCENTRIC	
040	1036538-0000	A		1	ECCENTRIC	
050	1484251-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TBA 1000SQ						
010	2533744-0000	A		4	RAIL BRACKET	
020	2501851-0000	A		2	CURVE	
030	1349742-0000	A		1	ECCENTRIC	
040	1349743-0000	A		1	ECCENTRIC	
050	1499594-0000	A		4	VOLUME CAM	
110	1349745-0000	A		2	AXLE BOLT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0402	-		4	PARALLEL PIN ISO 2338 8M6X22 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TBA 1500S						
010	2533737-0000	A		4	RAIL BRACKET	
020	1349741-0000	A		2	CURVE	
030	1349742-0000	A		1	ECCENTRIC	
040	1349743-0000	A		1	ECCENTRIC	
050	1349744-0000	A		4	VOLUME CAM	
110	1349745-0000	A		2	AXLE BOLT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0402	-		4	PARALLEL PIN ISO 2338 8M6X22 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TPA 0250SQ						
010	1549596-0000	A		4	RAIL BRACKET	
020	1538264-0000	A		2	CURVE	
030	1037879-0000	A		1	ECCENTRIC	
040	1037880-0000	A		1	ECCENTRIC	
050	1549598-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
550	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TPA 0330SQ						
010	2533747-0000	A		4	RAIL BRACKET	
020	1538264-0000	A		2	CURVE	
030	1037879-0000	A		1	ECCENTRIC	
040	1037880-0000	A		1	ECCENTRIC	
050	1538265-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TPA 0500SQ						
010	2582020-0000	A		4	RAIL BRACKET	
020	1549842-0000	A		2	CURVE	
030	1036537-0000	A		1	ECCENTRIC	
040	1036538-0000	A		1	ECCENTRIC	
050	1549843-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
550	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
560	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
TPA 1000S						
010	2533743-0000	A		4	RAIL BRACKET	
020	1334082-0000	A		2	CURVE	
030	1036537-0000	A		1	ECCENTRIC	
040	1036538-0000	A		1	ECCENTRIC	
050	1484252-0000	A		4	VOLUME CAM	
110	1038743-0000	A		2	SHAFT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0400	-		4	PARALLEL PIN ISO 2338 8M6X18 A1	
560	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	

Machine Type | Group Description | Used-In | Group Number | Page No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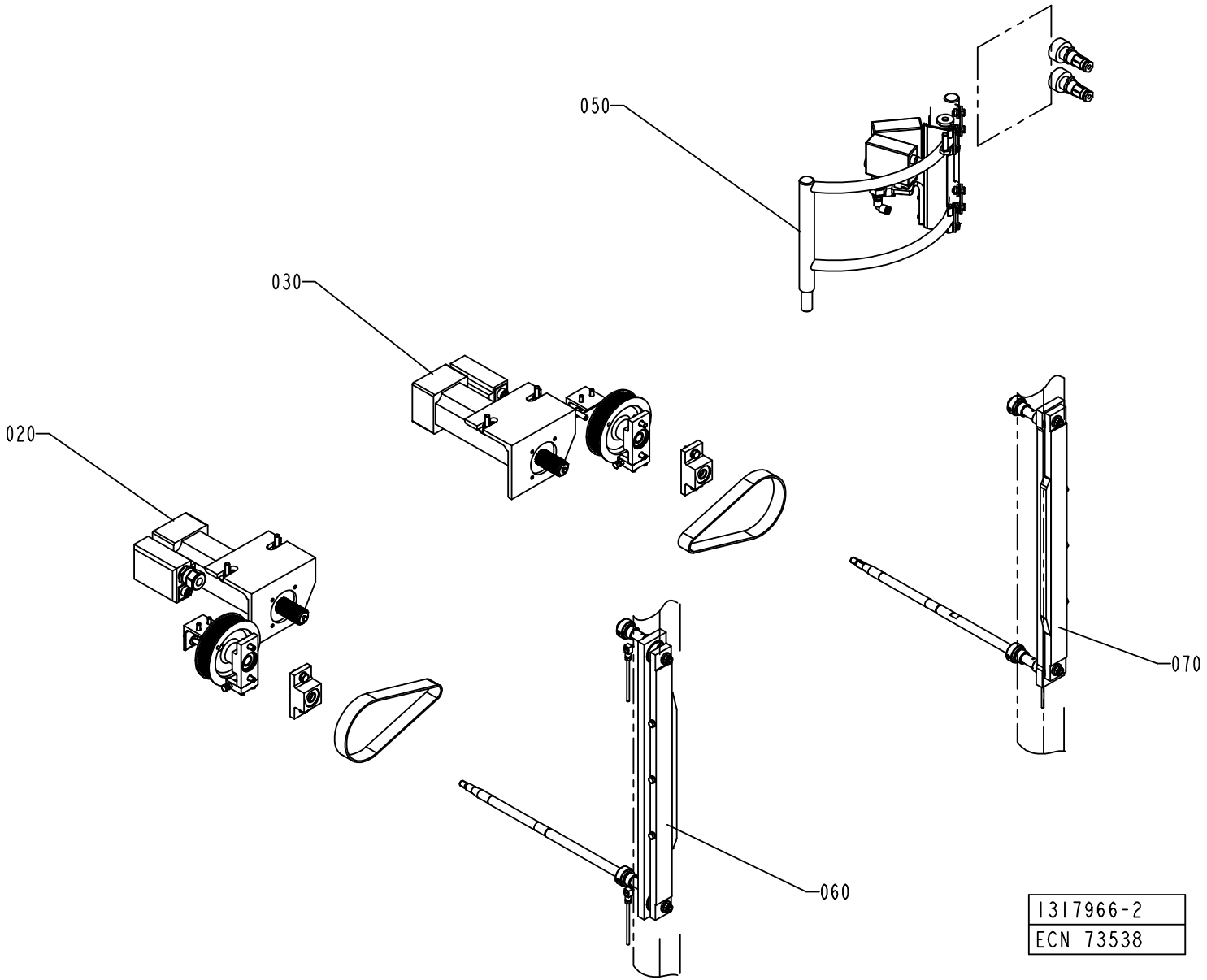
1035121-4
ECM 119061

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000S (Cont'd)						
560	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
TPA 1000SQ						
010	2575631-0000	A		4	RAIL BRACKET	
020	2564683-0000	A		2	CURVE	
030	1349742-0000	A		1	ECCENTRIC	
040	1349743-0000	A		1	ECCENTRIC	
050	1523490-0000	A		4	VOLUME BULGE	
110	1349745-0000	A		2	AXLE BOLT	
120	321120-0108	-		4	BEARBUSHING W/O FL 12X14X8	
520	311103-0402	-		4	PARALLEL PIN ISO 2338 8M6X22 A1	
550	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
560	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
570	315105-0146	-		8	BRICKA BRB5,3X10RFR	
Common Parts						
060	1036539-0000	A		2	SHAFT	
070	2533736-0000	A		8	SLEEVE	
080	1036541-0000	A		1	TORSION SPRING LEFT	
090	1036542-0000	A		1	TORSION SPRING RIGHT	
100	1038640-0000	A		2	FASTENING BRACKET	
130	1487504-0000	-		8	WASHER	
140	1487505-0001	-		32	WASHER	
150	1487505-0002	-		32	WASHER	
310	90141-0016	A		2	RETAIN. RING, 10	
510	311103-0310	-		8	PARALLEL PIN ISO 2338 5M6X20 A1	
530	312105-0331	-		8	SCREW M6S ISO 4017 M5X20 A480	
540	312105-0370	-		6	SCREW M6S ISO 4017 M6X20 A480	
545	90157-0021	-	KG	1	LOCKING FLUID	

Pos	Part No	SP	UN	Qty	Description	Page No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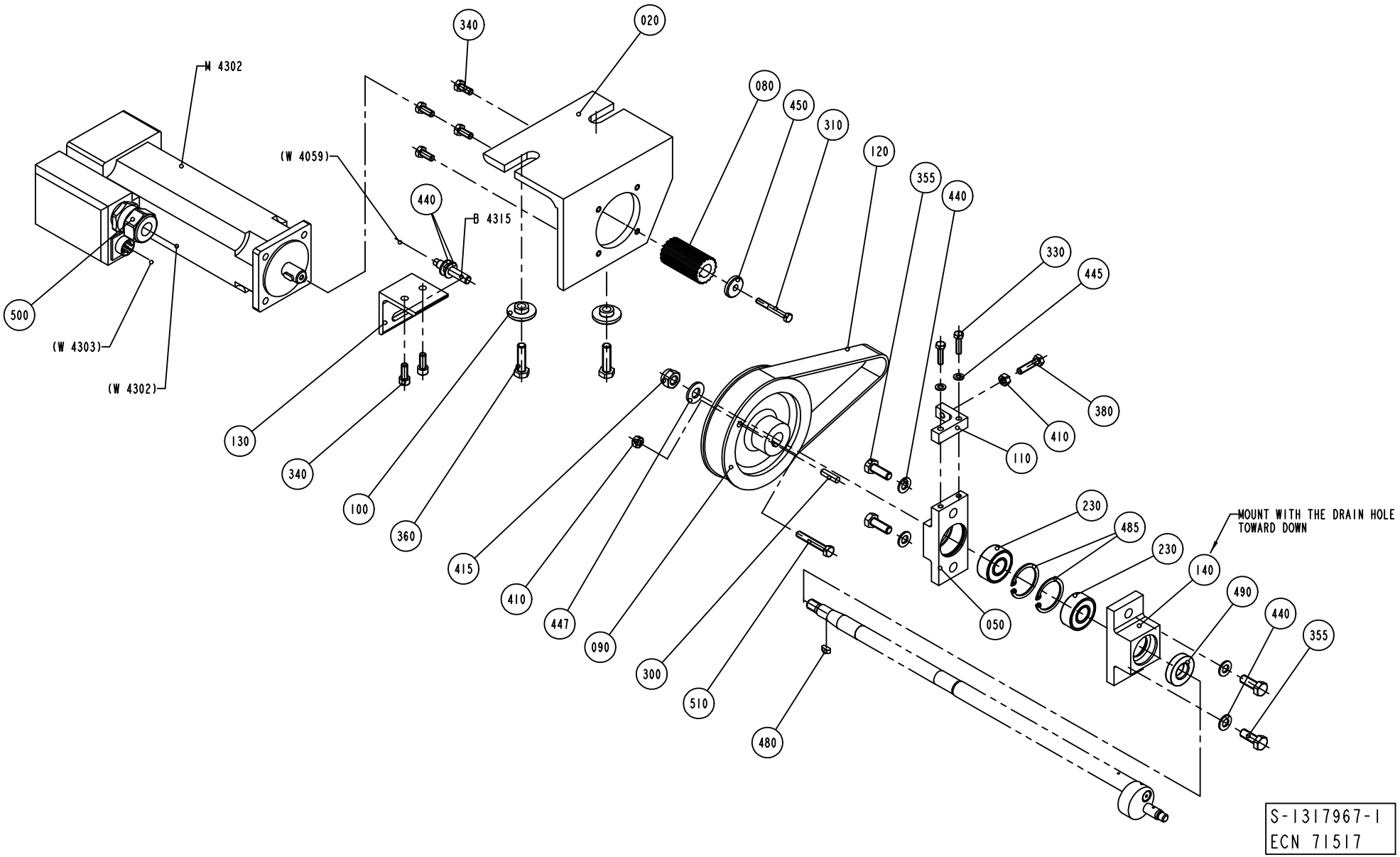
1317966-2
ECN 73538

ECM: 139575 - 20030505
Group number: 1317966-0300
Assembly Drawing: 1317966-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1317967-0100	-		1	DRIVE UNIT LEFT	**607**
030	1317968-0100	-		1	DRIVE UNIT RIGHT	**609**
050	1361925-0100	-		1	PHOTOCELL UNIT	**611**
060	1317969-0300	-		1	DESIGN CORRECTION DEVICE LEFT	**613, 615**
070	1317970-0300	-		1	DESIGN CORRECTION DEVICE RIGHT	**617, 619**

Pos	Part No	SP	UN	Qty	Description	Page No

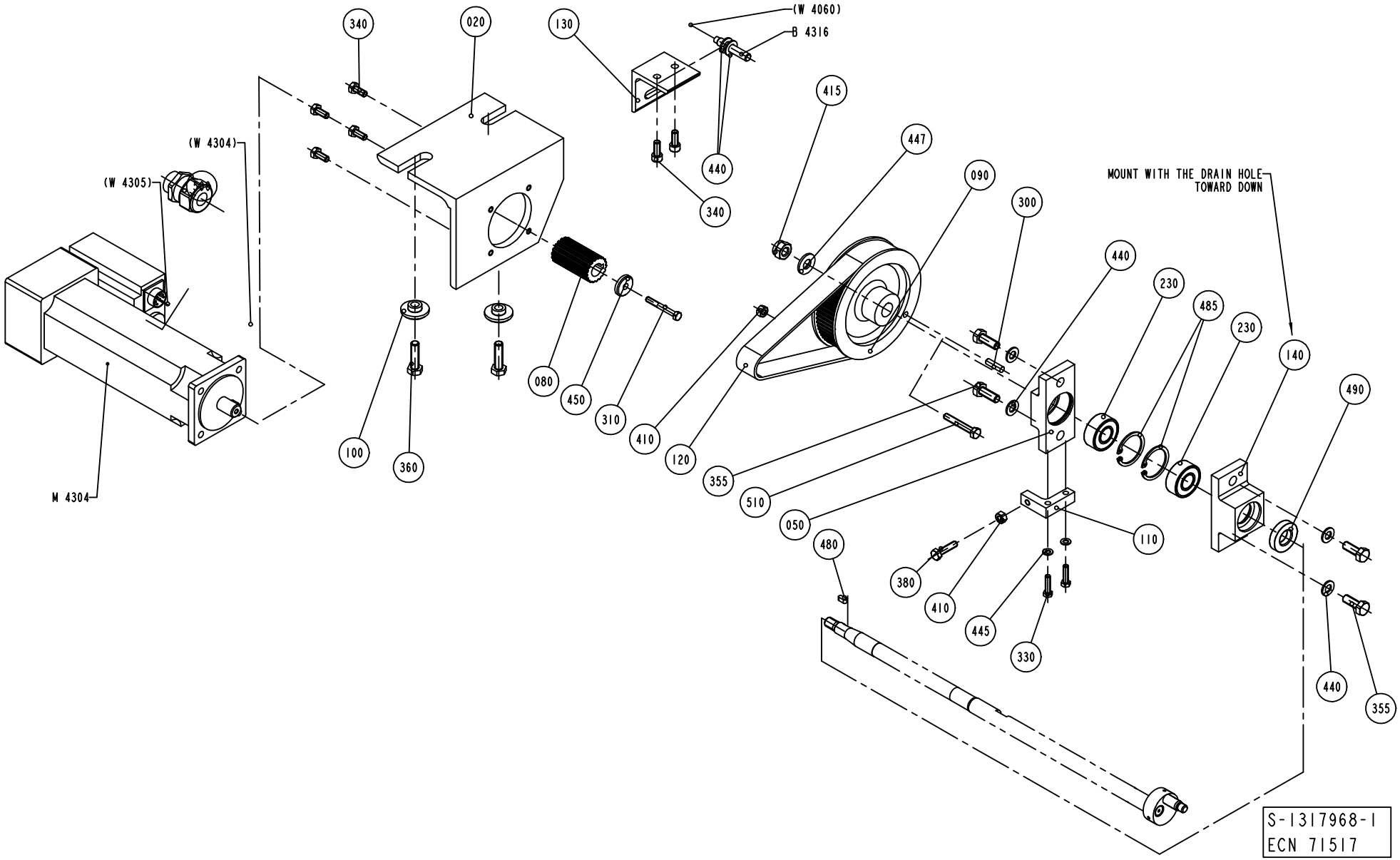

M 4302
(W 4059)
B 4315
(W 4303)
(W 4302)
MOUNT WITH THE DRAIN HOLE TOWARD DOWN
S-1317967-1
ECN 71517

ECM: 90699 - 20010903
Group number: 1317967-0100
Assembly Drawing: 1317967-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1036638-0000	A		1	CANTILEVER	
050	1038696-0000	A		1	BEARING HOUSING	
080	1036630-0000	A		1	TOOTHED PULLY	
090	1038732-0000	A		1	TOOTHED PULLY	
100	1036639-0000	-		2	WASHER	
110	1038707-0000	A		1	BRACKET	
120	90417-0350	A		1	TIMING BELT AT5 545X25 MM	
130	1285383-0000	-		1	BRACKET	
140	1038697-0000	A		1	BEARING HOUSING	
230	90214-0194	A		2	SPHERICAL BALL BEARING, 15X35X1 MM	
300	311103-0354	-		1	PARALLEL PIN ISO 2338 6M6X22 A1	
310	312105-0339	-		1	SCREW M6S ISO 4014 M5X40 A480	
330	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A480	
340	312115-0368	-		6	SCREW ISO4762 M6X16 A4	
355	312105-0452	-		4	SCREW M6S ISO 4017 M8X22 A480	
360	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
380	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
410	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
415	312812-0320	-		1	HEXAGON NUT, NY-LOCK M10 A480	
440	315105-0165	-		6	WASHER BRB8,4X16RFR	
445	315105-0146	-		2	BRICKA BRB5,3X10RFR	
447	315115-0173	-		1	WASHER PLAIN, TBRB 10,5/22 H=4	
450	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
480	315701-0165	-		1	PARALLEL KEY W. ROUND ENDS 4X4X10 MM	
485	315753-0124	-		2	RETAIN. RING, 35	
490	90091-0370	A		1	RADIAL SEAL 16X32X7 MM DUST LIP	
500	353245-0004	A		1	GLAND, EXTENDED WITH INSERT, PG16/PR 22,	
510	312109-0378	-		1	SCREW M6S ISO4017 M6X40 A480	
B 4315	90458-0138	A		1	PROX.SW. E2EG-X1R5B1-5M	
M 4302	90045-0164	A		1	SERVO MOTOR EP 075-112-44T3B	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No


340
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(W 4060)
B 4316
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447
090
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485
230
140
490
MOUNT WITH THE DRAIN HOLE TOWARD DOWN
(W 4304)
(W 4305)
M 4304
100
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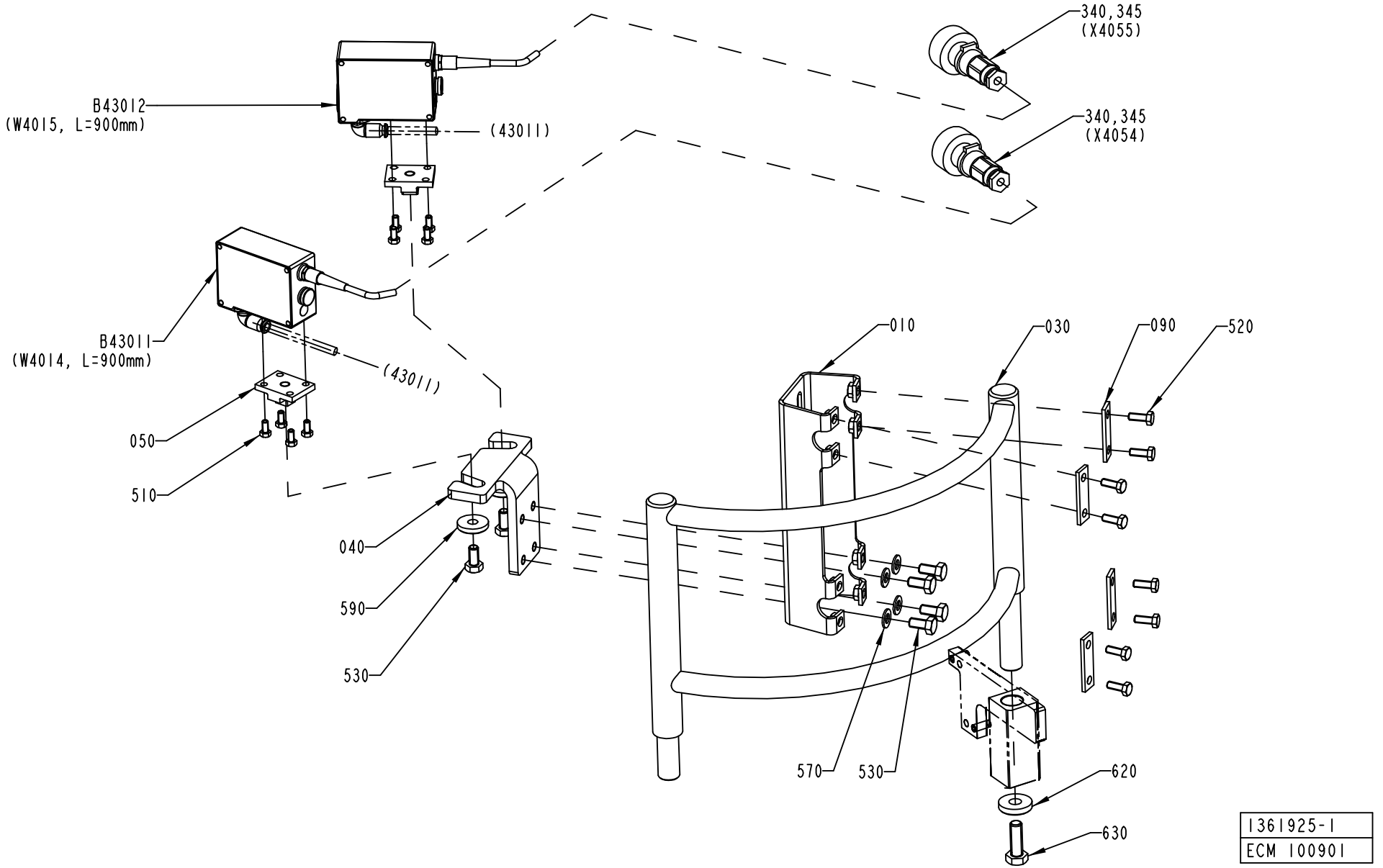
355
S-1317968-I
ECN 71517

ECM: 89444 - 20010903
Group number: 1317968-0100
Assembly Drawing: 1317968-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1036638-0000	A		1	CANTILEVER	
050	1038696-0000	A		1	BEARING HOUSING	
080	1036630-0000	A		1	TOOTHED PULLY	
090	1038732-0000	A		1	TOOTHED PULLY	
100	1036639-0000	-		2	WASHER	
110	1038707-0000	A		1	BRACKET	
120	90417-0350	A		1	TIMING BELT AT5 545X25 MM	
130	1285383-0000	-		1	BRACKET	
140	1038697-0000	A		1	BEARING HOUSING	
230	90214-0194	A		2	SPHERICAL BALL BEARING, 15X35X1 MM	
300	311103-0354	-		1	PARALLEL PIN ISO 2338 6M6X22 A1	
310	312105-0339	-		1	SCREW M6S ISO 4014 M5X40 A480	
330	312105-0331	-		2	SCREW M6S ISO 4017 M5X20 A480	
340	312115-0368	-		6	SCREW ISO4762 M6X16 A4	
355	312105-0452	-		4	SCREW M6S ISO 4017 M8X22 A480	
360	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
380	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
410	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
415	312812-0320	-		1	HEXAGON NUT, NY-LOCK M10 A480	
440	315105-0165	-		6	WASHER BRB8,4X16RFR	
445	315105-0146	-		2	BRICKA BRB5,3X10RFR	
447	315115-0173	-		1	WASHER PLAIN, TBRB 10,5/22 H=4	
450	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
480	315701-0165	-		1	PARALLEL KEY W. ROUND ENDS 4X4X10 MM	
485	315753-0124	-		2	RETAIN. RING, 35	
490	90091-0370	A		1	RADIAL SEAL 16X32X7 MM DUST LIP	
500	353245-0004	A		1	GLAND, EXTENDED WITH INSERT, PG16/PR 22,	
510	312109-0378	-		1	SCREW M6S ISO4017 M6X40 A480	
B 4316	90458-0138	A		1	PROX.SW. E2EG-X1R5B1-5M	
M 4304	90045-0164	A		1	SERVO MOTOR EP 075-112-44T3B	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

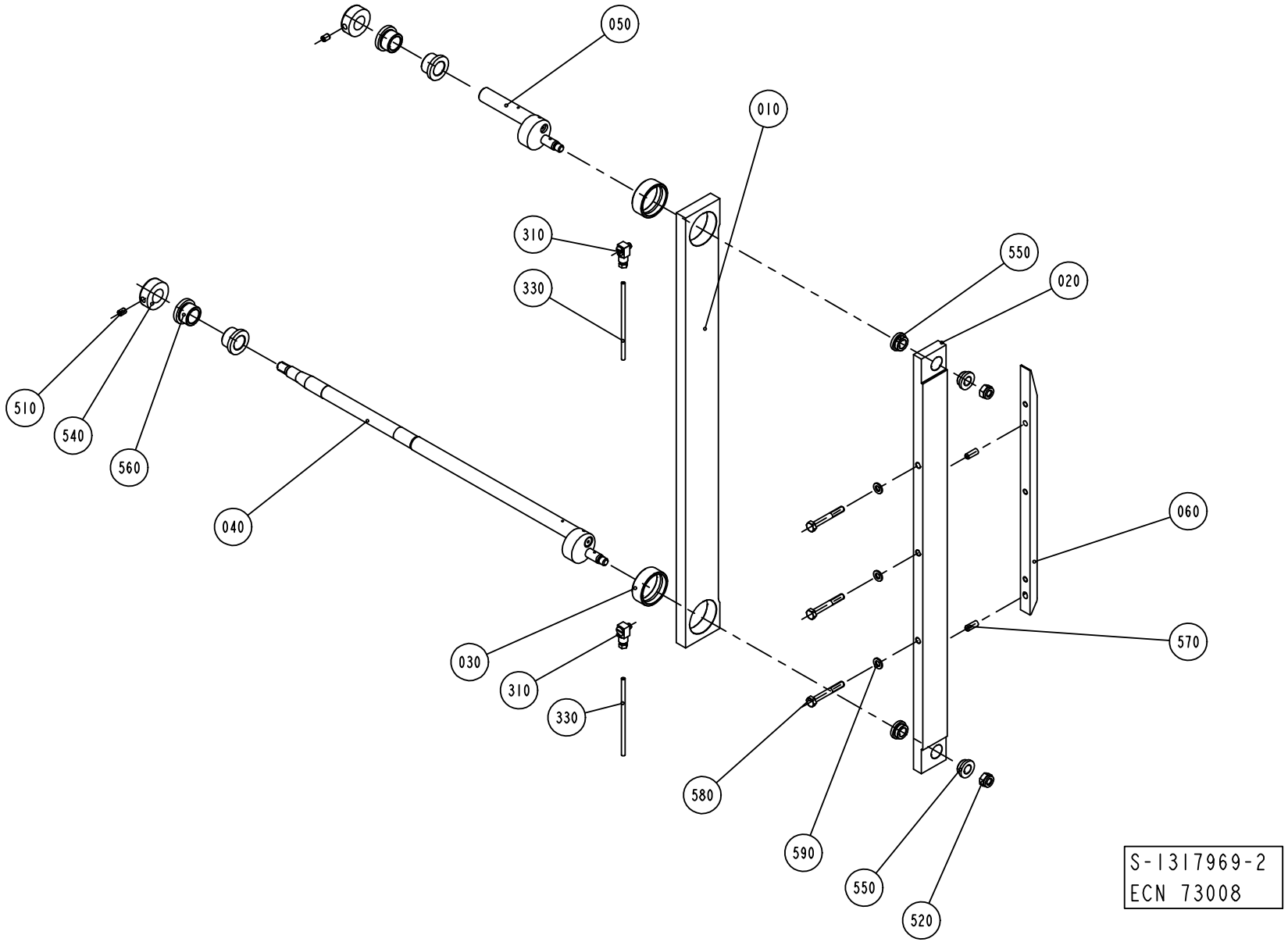


1361925-1
ECM 100901

ECM: 139574 - 20030505
Group number: 1361925-0100
Assembly Drawing: 1361925-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0250S, TBA 0200S, TPA 0250SQ						
040	1254110-0000	A		1	BRACKET	
TBA 0330S, TBA 0200B, TBA 0250B, TPA 0330SQ, TPA 0500SQ						
040	1254111-0000	A		1	BRACKET	
TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 1500S						
040	1254109-0000	A		1	BRACKET	
TBA 0500S, TPA 1000S, TPA 1000SQ						
040	1334910-0000	A		1	BRACKET	
Common Parts						
010	1036685-0000	-		1	BRACKET	
030	1038557-0000	-		1	BOW CLAMP	
050	1036674-0000	-		2	FASTENING PLATE	
090	1036673-0000	-		4	WASHER	
340	90110-0235	A		2	CABLE CONTACT, PX0739/S	
345	90110-0348	A		2	CABLE SEALING, 12033/I, ELFA. 44-625-78	
510	312105-0325	-		8	SCREW M6S ISO 4017 M5X10 A480	
520	312105-0368	-		8	SCREW M6S M6X16 A280	
530	312105-0449	-		6	SCREW M6S ISO 4017 M8X16 A480	
570	315105-0165	-		4	WASHER BRB8,4X16RFR	
590	315125-0165	-		2	WASHER TBRSB 8,4X26X5 A4	
620	315125-0173	-		1	WASHER TBRSB 10,5X28X6 A4	
630	312105-0495	-		1	SCREW M6S ISO 4017 M10X30 A480	
B43011	90458-0601	A		1	PHOTOCELL, SICK PHOTOCELL 1	
	342732-0102	-		*1*	*ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/8*	
B43012	90458-0601	A		1	PHOTOCELL, SICK PHOTOCELL 1	
	342732-0102	-		*1*	*ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/8*	

Pos	Part No	SP	UN	Qty	Description	Page No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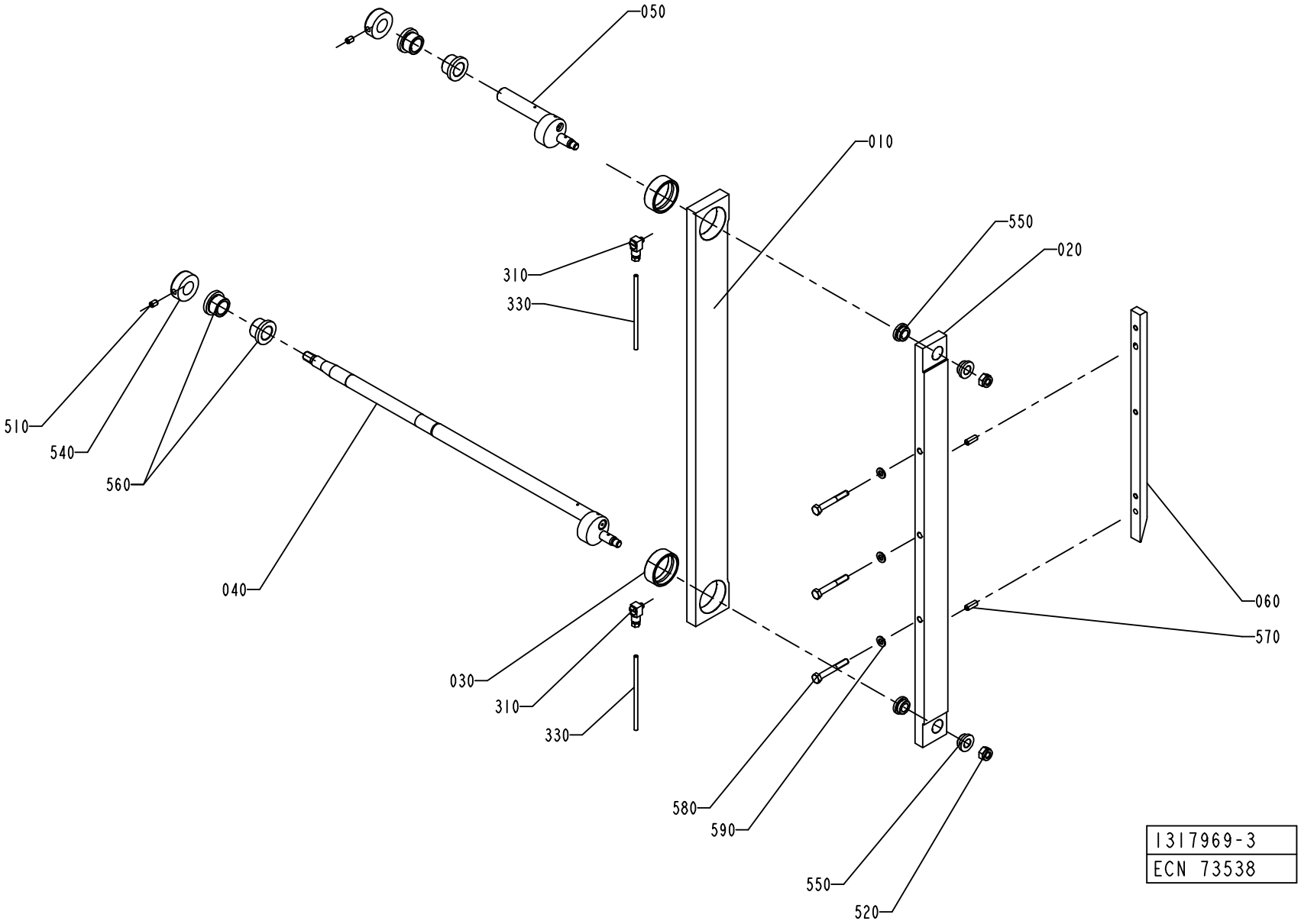
S-1317969-2
ECN 73008

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ (See drawing on page: 612)						
060	1499048-0000	A		1	FOLDING FLAP CAM	
TBA 1500S, TPA 1000SQ (See drawing on page: 614)						
060	1523097-0000	A		1	FOLDING FLAP CAM	
Common Parts						
010	1349973-0000	A		1	STRUT	
020	1499053-0000	A		1	FOLDING FLAP BAR	
030	1255117-0000	A		2	PLAIN BEARING	
040	1255112-0000	A		1	ECCENTRIC SHAFT	
050	1255113-0000	A		1	ECCENTRIC SHAFT	
310	90134-0068	-		2	CONNECTION	
330	90266-0165	-	MM	1050	BRASS PIPE	
510	312318-0362	-		2	SCREW ISO4029 M6X8 A4	
520	312812-0318	-		2	HEXAGON NUT, NY-LOCK M8 A480	
540	315742-0112	-		2	COLLAR, 16/32, H=12	
550	321101-0162	A		4	FLANGE BUSHING, 10X16X8 MM	
560	321101-0203	A		4	FLANGE BUSHING, 16X22X16 MM	
570	311103-0351	-		2	PARALLEL PIN ISO 2338 6M6X16 A1	
580	312105-0379	-		3	SCREW M6S ISO 4014 M6X45 A480	
590	315105-0153	-		3	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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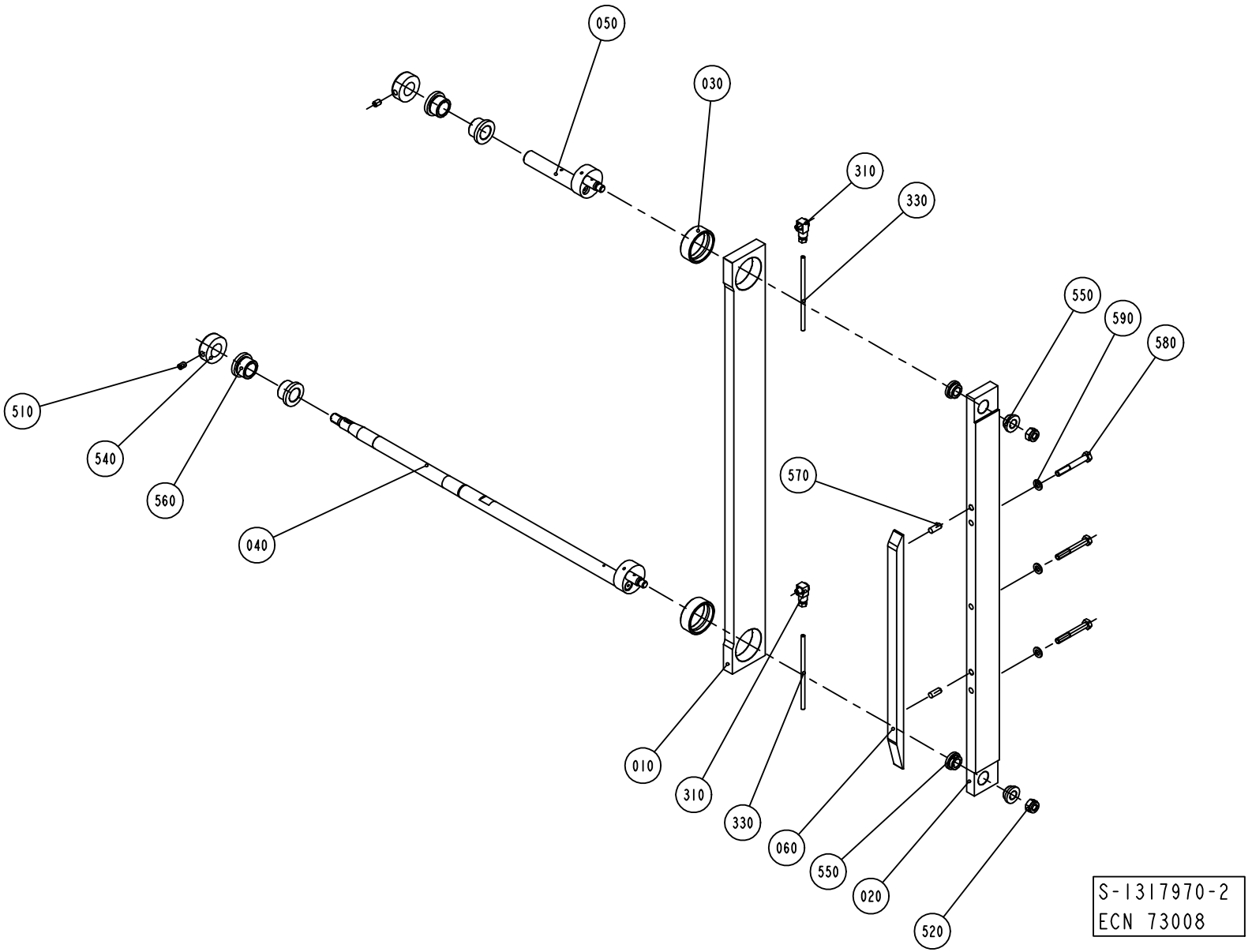
1317969-3
ECN 73538

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ (See drawing on page: 612)						
060	1499048-0000	A		1	FOLDING FLAP CAM	
TBA 1500S, TPA 1000SQ (See drawing on page: 614)						
060	1523097-0000	A		1	FOLDING FLAP CAM	
Common Parts						
010	1349973-0000	A		1	STRUT	
020	1499053-0000	A		1	FOLDING FLAP BAR	
030	1255117-0000	A		2	PLAIN BEARING	
040	1255112-0000	A		1	ECCENTRIC SHAFT	
050	1255113-0000	A		1	ECCENTRIC SHAFT	
310	90134-0068	-		2	CONNECTION	
330	90266-0165	-	MM	1050	BRASS PIPE	
510	312318-0362	-		2	SCREW ISO4029 M6X8 A4	
520	312812-0318	-		2	HEXAGON NUT, NY-LOCK M8 A480	
540	315742-0112	-		2	COLLAR, 16/32, H=12	
550	321101-0162	A		4	FLANGE BUSHING, 10X16X8 MM	
560	321101-0203	A		4	FLANGE BUSHING, 16X22X16 MM	
570	311103-0351	-		2	PARALLEL PIN ISO 2338 6M6X16 A1	
580	312105-0379	-		3	SCREW M6S ISO 4014 M6X45 A480	
590	315105-0153	-		3	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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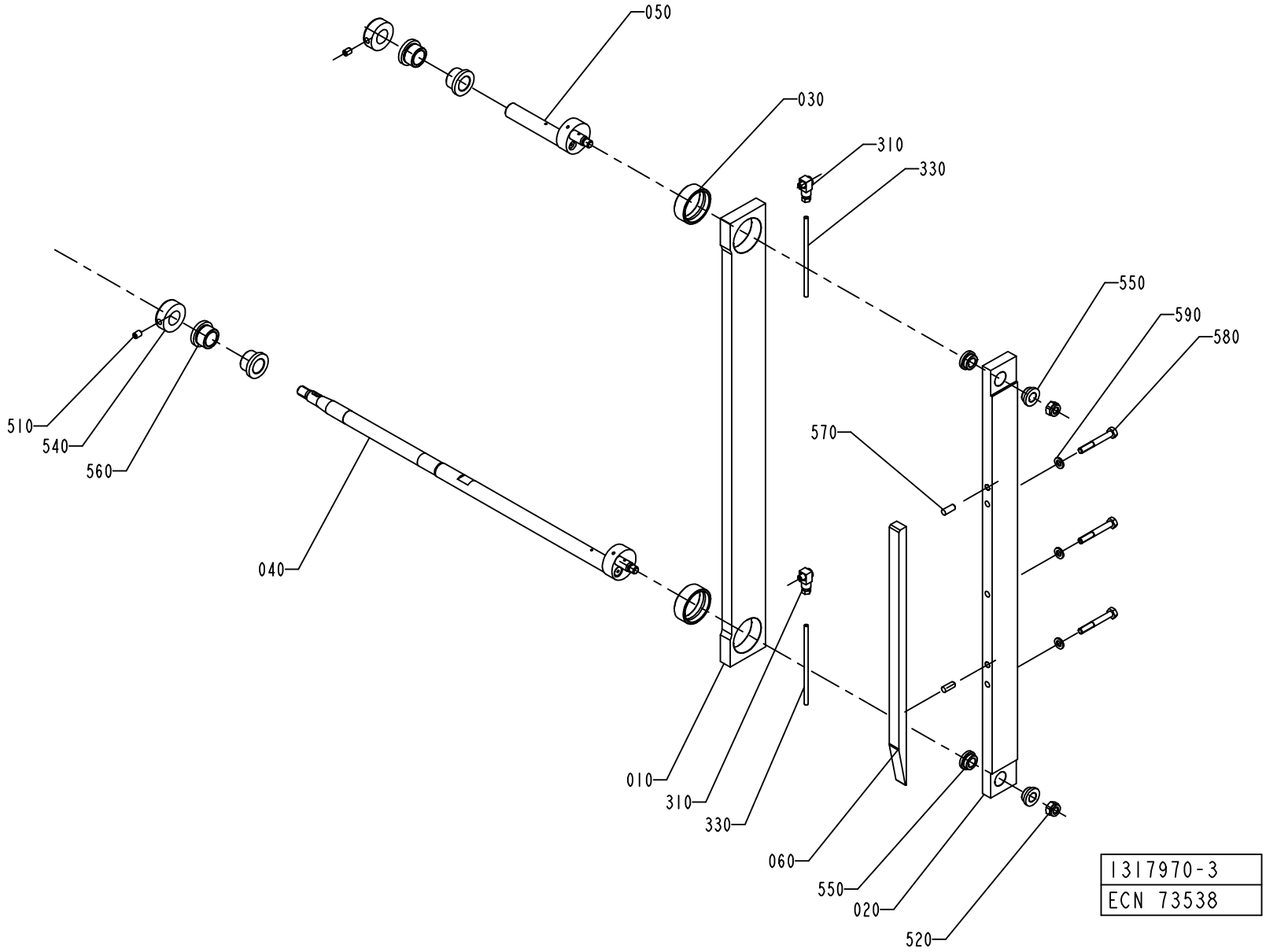
S-1317970-2
ECN 73008

ECM: 133799 - 20030611
Group number: 1317970-0300
Assembly Drawing: 1317970-2_1_AA

This list covers pages from 616 to 619

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ (See drawing on page: 616)						
060	1499048-0000	A		1	FOLDING FLAP CAM	
TBA 1500S, TPA 1000SQ (See drawing on page: 618)						
060	1523098-0000	A		1	FOLDING FLAP CAM	
Common Parts						
010	1349973-0000	A		1	STRUT	
020	1499053-0000	A		1	FOLDING FLAP BAR	
030	1255117-0000	A		2	PLAIN BEARING	
040	1255112-0000	A		1	ECCENTRIC SHAFT	
050	1255113-0000	A		1	ECCENTRIC SHAFT	
310	90134-0068	-		2	CONNECTION	
330	90266-0165	-	MM	1050	BRASS PIPE	
510	312318-0362	-		2	SCREW ISO4029 M6X8 A4	
520	312812-0318	-		2	HEXAGON NUT, NY-LOCK M8 A480	
540	315742-0112	-		2	COLLAR, 16/32, H=12	
550	321101-0162	A		4	FLANGE BUSHING, 10X16X8 MM	
560	321101-0203	A		4	FLANGE BUSHING, 16X22X16 MM	
570	311103-0351	-		2	PARALLEL PIN ISO 2338 6M6X16 A1	
580	312105-0379	-		3	SCREW M6S ISO 4014 M6X45 A480	
590	315105-0153	-		3	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No


050
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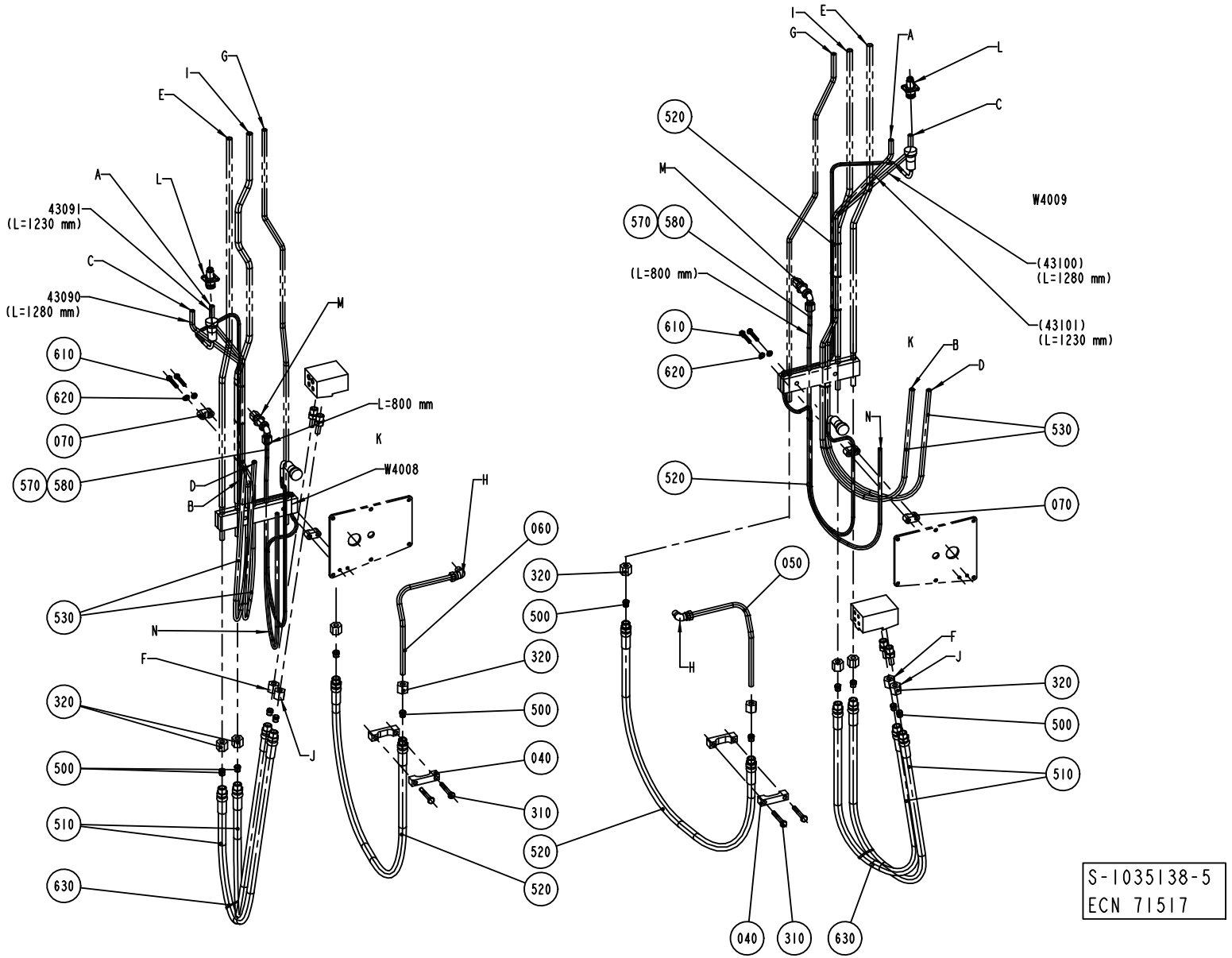
1317970-3
ECN 73538

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ (See drawing on page: 616)						
060	1499048-0000	A		1	FOLDING FLAP CAM	
TBA 1500S, TPA 1000SQ (See drawing on page: 618)						
060	1523098-0000	A		1	FOLDING FLAP CAM	
Common Parts						
010	1349973-0000	A		1	STRUT	
020	1499053-0000	A		1	FOLDING FLAP BAR	
030	1255117-0000	A		2	PLAIN BEARING	
040	1255112-0000	A		1	ECCENTRIC SHAFT	
050	1255113-0000	A		1	ECCENTRIC SHAFT	
310	90134-0068	-		2	CONNECTION	
330	90266-0165	-	MM	1050	BRASS PIPE	
510	312318-0362	-		2	SCREW ISO4029 M6X8 A4	
520	312812-0318	-		2	HEXAGON NUT, NY-LOCK M8 A480	
540	315742-0112	-		2	COLLAR, 16/32, H=12	
550	321101-0162	A		4	FLANGE BUSHING, 10X16X8 MM	
560	321101-0203	A		4	FLANGE BUSHING, 16X22X16 MM	
570	311103-0351	-		2	PARALLEL PIN ISO 2338 6M6X16 A1	
580	312105-0379	-		3	SCREW M6S ISO 4014 M6X45 A480	
590	315105-0153	-		3	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No


G
I
E
A
L
43091
(L=1230 mm)
C
43090
(L=1280 mm)
M
610
620
070
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580
L=800 mm
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W4008
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320
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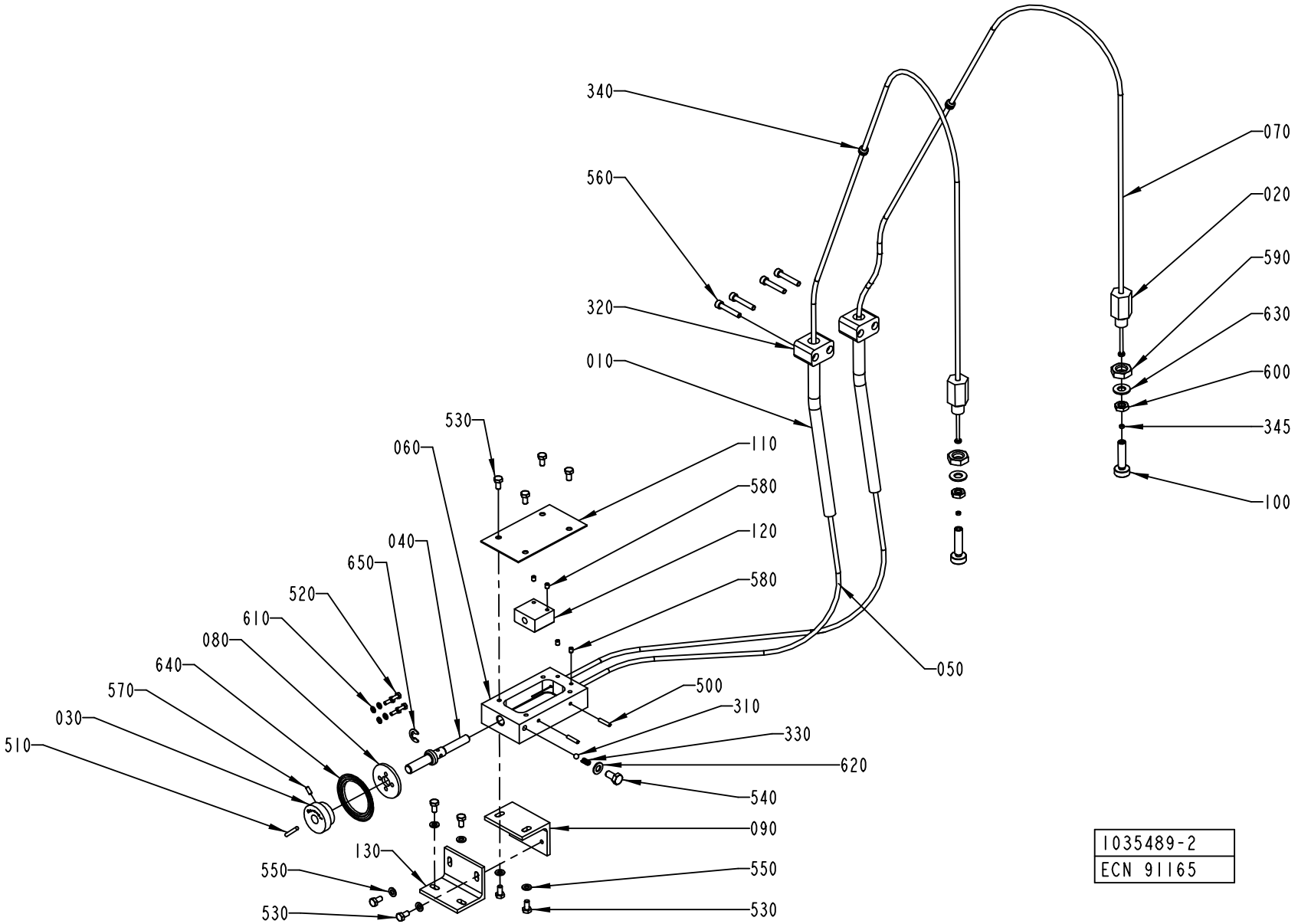
530
N
F
J
510
630
050
W4009
(43100)
(L=1280 mm)
(43101)
(L=1230 mm)
S-1035138-5
ECN 71517

ECM: 71517 - 19990212
Group number: 1035138-0300
Assembly Drawing: 1035138-5_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
040	1129599-0000	D		4	CRAMP	
050	1038828-0000	D		1	PIPE	
060	1038829-0000	D		1	PIPE	
070	464368-0000	D		4	CRAMP	
310	312105-0378	-		4	SCREW M6S ISO 4014 M6X40 A480	
320	342703-0208	-		12	NUT, PIPES & CONNECTORS,NUT M-8 SS	
500	90030-0098	-		12	ACCESSORIES, FERRULE 8	
510	90148-0037	C		4	HOSE	
520	90148-0038	C		2	HOSE	
530	90166-0123	C	MM	4600	HOSE	
570	90166-0108	C	MM	1600	TUBE 6 MM PA,TRANSP.	
580	90134-0030	C		4	SLEEVE FOR PLASTIC TUBE	
590	352113-0101	-		12	CLIP STRIP, 92X2,5 MM	
610	312109-0335	-		4	SCREW M6S ISO 4017 M5X30 A480	
620	315105-0146	-		4	BRICKA BRB5,3X10RFR	
W 4008	548770-0006	C		1	COAXIAL CABLE L=1200 MM	
W 4009	548770-0006	C		1	COAXIAL CABLE L=1200 MM	

Pos	Part No	SP	UN	Qty	Description	Page No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1035489-2
ECN 91165

ECM: 90700 - 20010903
Group number: 1035489-0200
Assembly Drawing: 1035489-2_1_AD

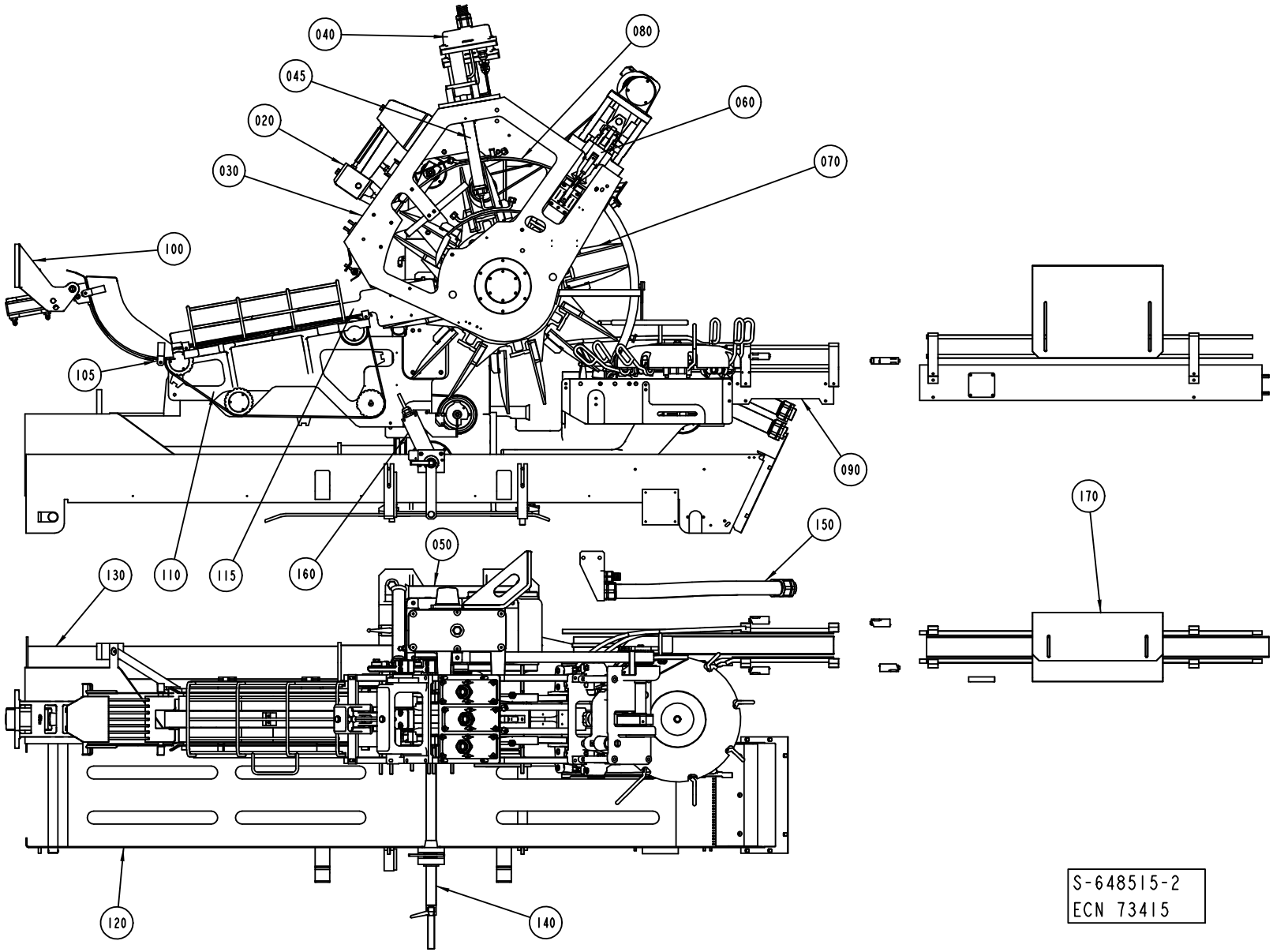
Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1038751-0000	-		2	PIPE	
020	1038742-0000	A		2	SLEEVE	
030	293606-0000	-		1	SHIFTER HANDLE	
040	1035739-0000	A		1	SHAFT	
050	1036731-0000	A		1	WIRE LEFT	
060	1105431-0000	-		1	HOUSE	
070	1036802-0000	A		1	WIRE RIGHT	
080	294042-0000	-		1	SEALING WASHER	
090	1105734-0000	-		1	ANGLE	
100	1036733-0000	A		2	ADJUSTING SCREW	
110	1105432-0000	-		1	LID	
120	1038750-0000	A		1	DISTRIBUTOR	
130	1105735-0000	-		1	ANGLE	
310	90090-0015	-		1	BALL, D=6,5 MM	
320	90165-0047	-		2	CLIP	
330	90335-0177	A		1	COMP. SPRING 21860, 1X6X12	
340	90015-0027	A		2	RUBBER BUSHING DI=6MM	
345	1317229-0000	A		2	SPACER	
500	311103-0272	-		2	PARALLEL PIN ISO 2338 4M6X20 A1	
510	311103-0276	-		1	PARALLEL PIN ISO 2338 4M6X30 A1	
520	312105-0291	-		4	SCREW M6S ISO 4017 M4X12 A480	
530	312105-0366	-		10	SCREW M6S M6X12 A280	
540	312105-0449	-		1	SCREW M6S ISO 4017 M8X16 A480	
550	315105-0153	-		6	WASHER BRB6,4X12RFR	
560	312115-0376	-		4	SCREW ISO4762 M6X35 A4	
570	312318-0289	-		1	SCREW ISO4029 M4X10 A4	
580	312318-0321	-		4	SCREW ISO4029 M5X6 A4	
590	90099-0131	-		2	NUT HEX. M16X2 SS	
600	312625-0320	-		2	HEXAGON THIN NUT, EN 24035 ML6M M10 A4	
610	315105-0136	-		4	WASHER BRB4,3XRFR	
620	315105-0165	-		1	WASHER BRB8,4X16RFR	
630	315105-0173	-		2	WASHER BRB10,5X22RFR	
640	315226-0196	-		1	AXIAL SEAL WITH STEEL COVER 48X65X4,5 MM	
650	315755-0110	-		1	LOCKING WASHER 9	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

Tetra Pak

SPC
Spare Parts Catalogue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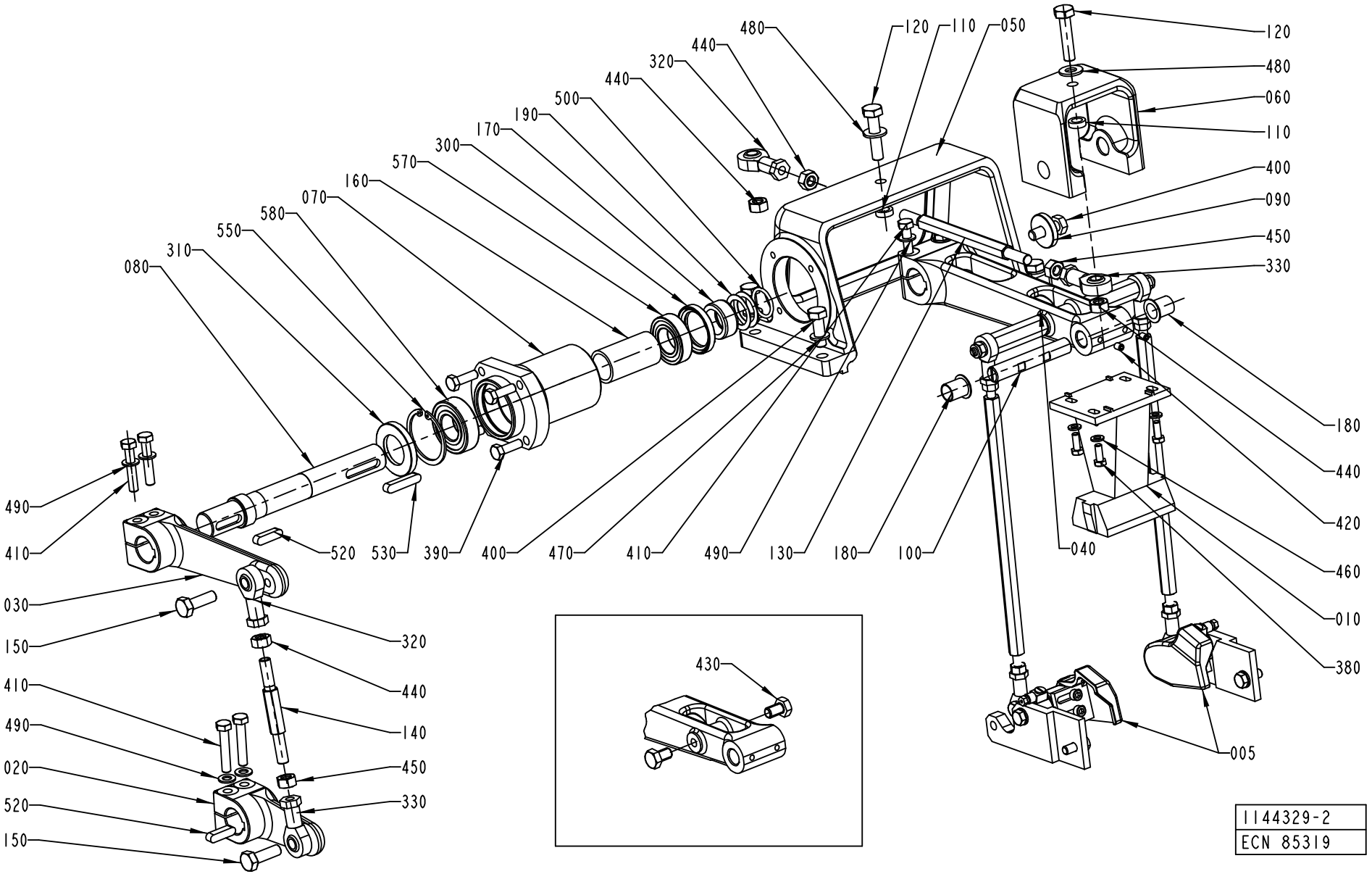
S-648515-2
ECN 73415

ECM: 108466 - 20021110
Group number: 648515-0200
Assembly Drawing: 648515-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1144329-0200	-		1	PULL DOWN DEVICE	**629, 631**
030	1144324-0200	-		1	FRAMEWORK	**637**
040	1487927-0200	-		1	FLAP HEATER BODY	**639**
045	1487158-0200	-		1	FLAP HEATER VARIANT	**641, 643, 645, 647**
050	1144320-0300	-		1	INDEXING UNIT	**649**
060	1144331-0200	-		1	PRESSURE DEVICE	**651, 653, 655**
070	1361918-0200	-		1	WHEEL	**657, 659, 661**
080	1285012-0200	-		1	FOLDING PART	**663**
090	1285260-0200	-		1	OUT FEED	**693**
100	1517321-0100	-		1	DROP CHUTE CRADLE	**725**
105	1361922-0200	-		1	DROP CHUTE VARIANT	**727**
110	1517298-0100	-		1	INFEED CONVEYOR	**729**
115	1361923-0200	-		1	INFEED CONVEYOR VARIANT	**737, 739, 741, 743, 745**
120	1350182-0300	-		1	WASTE CONVEYOR	**747**
130	1260884-0100	-		1	DRIVE	**749**
140	1260883-0200	-		1	CRANK	**751**
150	1260881-0100	-		1	ELECTRICAL CONNECTION	**753**
160	1279677-0100	-		1	CRANK GUARD	**755**
170	1484198-0100	-		1	LAST POINT DE	**757**

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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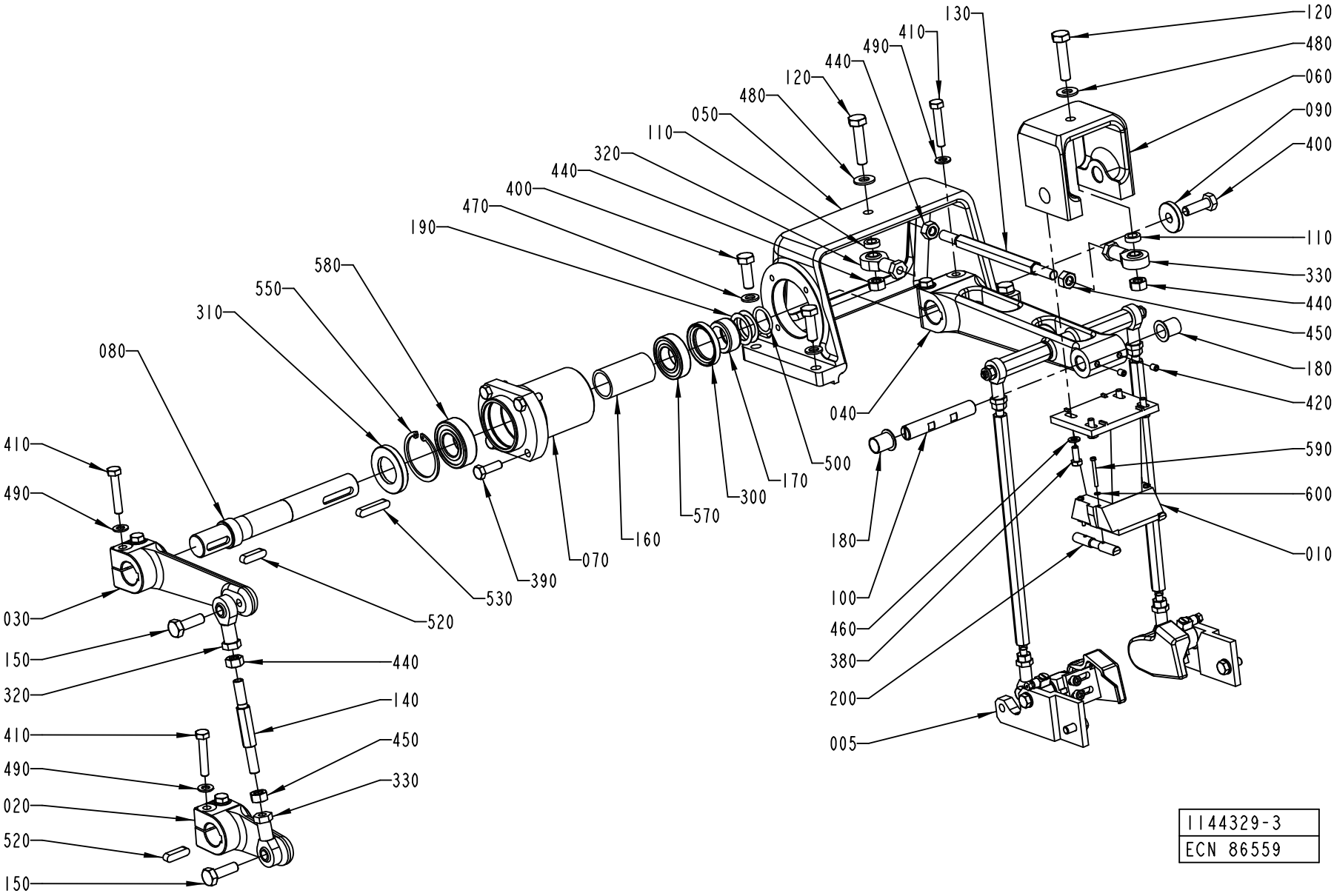
1144329-2
ECN 85319

ECM: 130282 - 20030611
Group number: 1144329-0200
Assembly Drawing: 1144329-2_1_AB

This list covers pages from 628 to 631

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0250B (See drawing on page: 628)						
010	1350808-0000	A		1	BLOCK	
430	312105-0489	-		2	SCREW M6S ISO 4017 M10X16 A480	
TBA 0200S (See drawing on page: 628)						
010	1260887-0000	A		1	BLOCK	
430	312105-0489	-		2	SCREW M6S ISO 4017 M10X16 A480	
TBA 0250S (See drawing on page: 628)						
010	2522199-0000	A		1	BLOCK	
430	312105-0489	-		2	SCREW M6S ISO 4017 M10X16 A480	
TBA 0330S (See drawing on page: 628)						
010	2545001-0000	A		1	BLOCK	
430	312105-0489	-		2	SCREW M6S ISO 4017 M10X16 A480	
TBA 0500B, TBA 1000B (See drawing on page: 628)						
010	1260700-0000	A		1	BLOCK	
430	312105-0489	-		2	SCREW M6S ISO 4017 M10X16 A480	
TBA 0500S (See drawing on page: 628)						
010	1499139-0000	A		1	BLOCK	
430	312105-0489	-		2	SCREW M6S ISO 4017 M10X16 A480	
TBA 1000S (See drawing on page: 628)						
010	1144933-0000	A		1	BLOCK	
430	312105-0489	-		2	SCREW M6S ISO 4017 M10X16 A480	
TBA 1000SQ (See drawing on page: 630)						
005	1348056-0200	-		1	FOLDING PART	**633, 635**
010	1558008-0000	A		1	BLOCK	
200	1558020-0000	A		2	ROD	
590	312125-0234	-		4	SCREW PAN HEAD MCS M3X30 SS	
600	315105-0124	-		4	WASHER BRB3,2X6RFR	
TBA 1500S (See drawing on page: 628)						
010	1317789-0000	A		1	BLOCK	
430	312105-0489	-		2	SCREW M6S ISO 4017 M10X16 A480	
TPA 0250SQ (See drawing on page: 628)						
005	1348056-0200	-		1	FOLDING PART	**633, 635**
010	1549846-0000	A		1	BLOCK	
TPA 0330SQ (See drawing on page: 628)						
005	1348056-0200	-		1	FOLDING PART	**633, 635**
010	1532266-0000	A		1	BLOCK	
TPA 0500SQ (See drawing on page: 630)						
005	1348056-0200	-		1	FOLDING PART	**633, 635**
010	2610779-0000	A		1	BLOCK	
200	2598706-0000	A		2	BAR	
430	312105-0489	-		2	SCREW M6S ISO 4017 M10X16 A480	
590	312125-0230	-		4	SLOTTED SCREW MCS M3X20 SS	
600	315105-0124	-		4	WASHER BRB3,2X6RFR	
TPA 1000S (See drawing on page: 628)						
005	1348056-0200	-		1	FOLDING PART	**633, 635**
010	1144776-0000	A		1	BLOCK	
TPA 1000SQ (See drawing on page: 628)						
005	1348056-0200	-		1	FOLDING PART	**633, 635**
010	1519341-0000	A		1	BLOCK	
Common Parts						
020	1144472-0000	A		1	LEVER	
030	1144473-0000	A		1	LEVER	
040	1499635-0000	A		1	LEVER	
050	1144475-0000	-		1	BRACKET	
060	1144476-0000	-		1	BRACKET	
070	1144566-0000	-		1	FLANGE	
080	1144678-0000	A		1	SHAFT	
090	1144681-0000	-		1	WASHER	
100	1144683-0000	A		1	AXLE PIN	
110	1144684-0000	-		2	SPACER	
120	1144685-0000	-		2	SCREW	
130	1144686-0000	A		1	TIE ROD	
140	1144687-0000	A		1	TIE ROD	
150	1144688-0000	-		2	SCREW	
160	1260824-0000	-		1	SPACER RING	
170	1334328-0000	-		1	SPACER	
180	1260944-0000	A		2	BUSHING	
190	1334018-0000	A		4	SHIM	
300	90091-0297	A		1	RADIAL SEAL 35X47X7 MM DUST LIP	
310	90091-0299	A		1	RADIAL SEAL 30X52X7 MM DUST LIP	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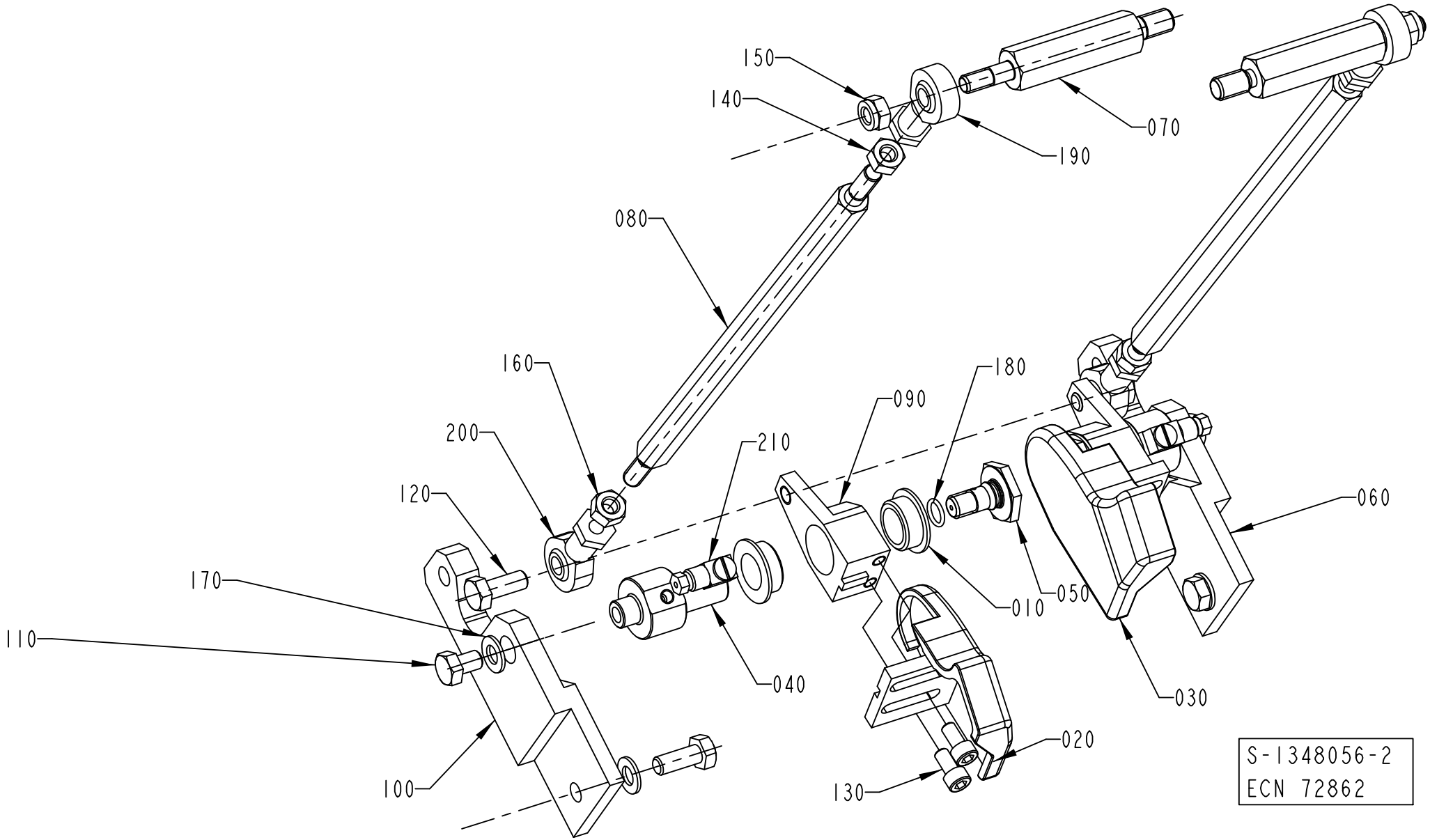
1144329-3
ECN 86559

Pos	Part No	SP	UN	Qty	Description	Page No
Common Parts (Cont'd)						
320	90115-0181	A		2	ROD END, ID=10 MM M10X1,5	
330	90115-0182	A		2	ROD END, ID=10 MM M10X1,5LH	
380	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312105-0453	-		4	SCREW M6S ISO 4017 M8X25 A480	
400	312105-0495	-		5	SCREW M6S ISO 4017 M10X30 A480	
410	312109-0460	-		6	SCREW M6S ISO 4017 M8X45 A480	
420	312318-0362	-		2	SCREW ISO4029 M6X8 A4	
440	312605-0320	-		4	HEXAGON NUT, M6M M10 A280	
450	312902-0320	-		2	NUT HEX. LEFT THREAD, M10 A280	
460	315105-0153	-		4	WASHER BRB6,4X12RFR	
470	315105-0171	-		4	WASHER BRB10X18	
480	315105-0173	-		2	WASHER BRB10,5X22RFR	
490	315105-0165	-		6	WASHER BRB8,4X16RFR	
500	315202-0217	A		1	O-RING 24,2X3 MM	
520	315705-0267	A		1	PARALLEL KEY W. ROUND ENDS 8X7X30 MM	
530	315705-0270	A		1	PARALLEL KEY W. ROUND ENDS 8X7X40 MM	
550	315753-0132	A		1	RETAINING RING FOR HOLE, 52X2 MM	
570	321308-0205	A		1	BALL BEARING, 25X47X12MM	
580	321313-0105	A		1	BALL BEARING, 25X52X15MM	

Pos	Part No	SP	UN	Qty	Description	Page No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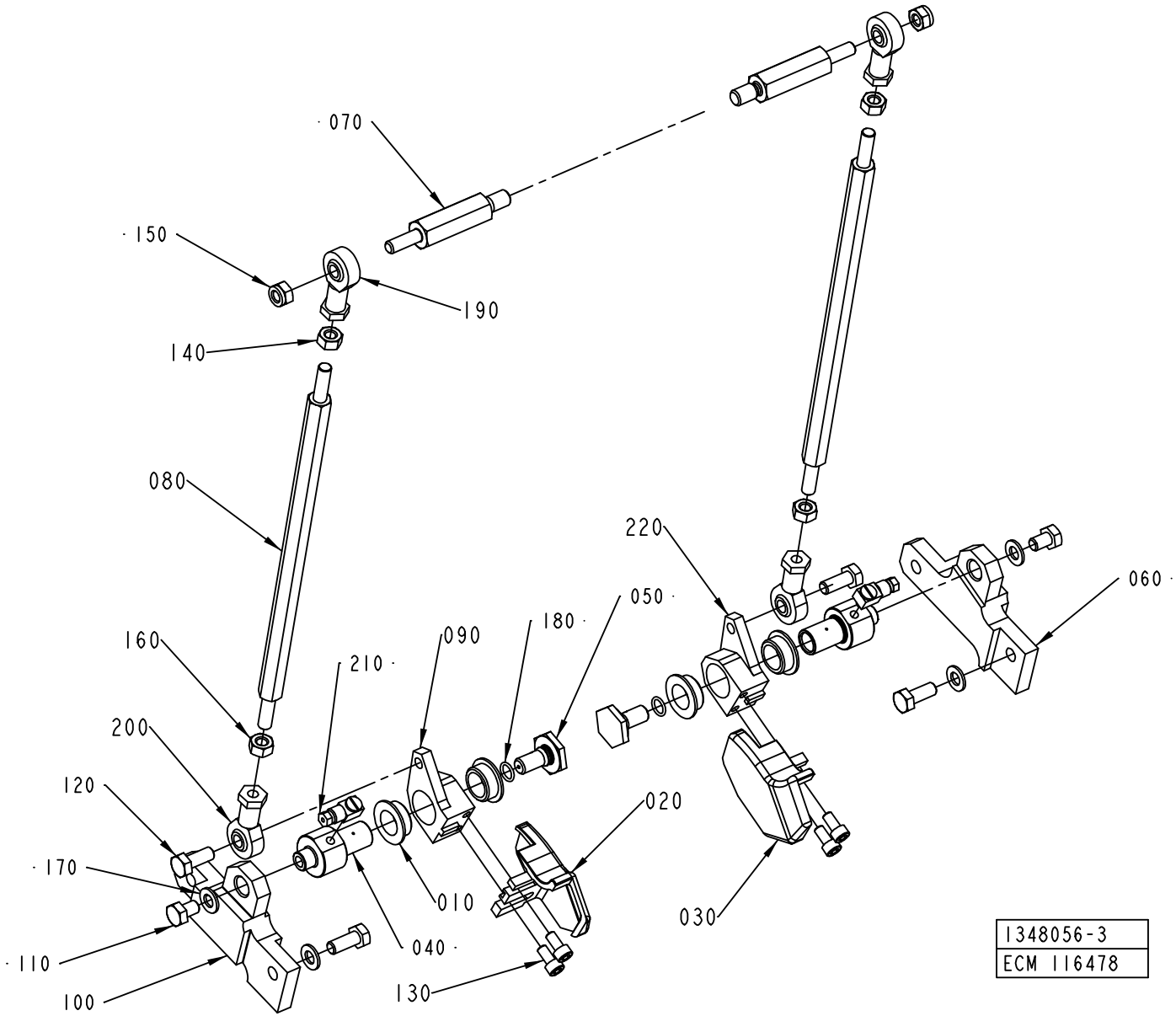
S-1348056-2
ECN 72862

ECM: 130284 - 20030611
Group number: 1348056-0200
Assembly Drawing: 1348056-2_1_AA

This list covers pages from 632 to 635

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000SQ (See drawing on page: 632)						
020	1487922-0000	A		1	FOLDING DEVICE	
030	1487923-0000	A		1	FOLDING DEVICE	
060	1347600-0000	-		1	SUPPORT	
070	1499765-0000	A		2	AXLE LINK	
080	1499103-0000	A		2	TIE ROD	
090	1350440-0000	-		2	LEVER	
100	1350441-0000	-		1	SUPPORT	
TPA 0250SQ (See drawing on page: 632)						
020	1296180-0000	A		1	FOLDING DEVICE	
030	1296181-0000	A		1	FOLDING DEVICE	
060	1532267-0000	-		1	SUPPORT	
070	1532268-0000	A		2	AXLE LINK	
080	1532269-0000	A		2	TIE ROD	
090	1350440-0000	-		2	LEVER	
100	1532270-0000	-		1	SUPPORT	
TPA 0330SQ (See drawing on page: 632)						
020	1296180-0000	A		1	FOLDING DEVICE	
030	1296181-0000	A		1	FOLDING DEVICE	
060	1532267-0000	-		1	SUPPORT	
070	1532268-0000	A		2	AXLE LINK	
080	1532269-0000	A		2	TIE ROD	
090	1350440-0000	-		2	LEVER	
100	1532270-0000	-		1	SUPPORT	
TPA 0500SQ SMILE (See drawing on page: 634)						
020	2606277-0000	A		1	FOLDING DEVICE	
030	2606278-0000	A		1	FOLDING DEVICE	
060	2529673-0000	-		1	SUPPORT	
070	1532268-0000	A		2	AXLE LINK	
080	2527531-0000	A		2	TIE ROD	
090	2529676-0000	-		1	LEVER	
100	2529674-0000	-		1	SUPPORT	
220	2529675-0000	-		1	LEVER	
TPA 1000S (See drawing on page: 632)						
020	1296180-0000	A		1	FOLDING DEVICE	
030	1296181-0000	A		1	FOLDING DEVICE	
060	1347600-0000	-		1	SUPPORT	
070	1499765-0000	A		2	AXLE LINK	
080	1499103-0000	A		2	TIE ROD	
090	1350440-0000	-		2	LEVER	
100	1350441-0000	-		1	SUPPORT	
TPA 1000SQ (See drawing on page: 632)						
020	1296180-0000	A		1	FOLDING DEVICE	
030	1296181-0000	A		1	FOLDING DEVICE	
060	1347600-0000	-		1	SUPPORT	
070	1499765-0000	A		2	AXLE LINK	
080	1519340-0000	A		2	TIE ROD	
090	1350440-0000	-		2	LEVER	
100	1350441-0000	-		1	SUPPORT	
TPA 1000SQ SMILE (See drawing on page: 634)						
020	2529671-0000	A		1	FOLDING DEVICE	
030	2529672-0000	A		1	FOLDING DEVICE	
060	2553343-0000	-		1	SUPPORT	
070	2553346-0000	A		2	AXLE LINK	
080	2553345-0000	A		2	TIE ROD	
090	2529676-0000	-		1	LEVER	
100	2553344-0000	-		1	SUPPORT	
220	2529675-0000	-		1	LEVER	
Common Parts						
010	1282708-0000	A		4	BUSHING	
040	1347495-0000	A		2	AXLE PIN	
050	1347496-0000	A		2	SCREW	
110	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A480	
120	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	
130	312115-0366	-		4	SCREW ISO4762 M6X12 A4	
140	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
150	312812-0318	-		2	HEXAGON NUT, NY-LOCK M8 A480	
160	312902-0318	-		2	NUT HEX. LEFT THREAD, M8 A280	
170	315105-0165	-		4	WASHER BRB8,4X16RFR	
180	315202-0107	A		2	O-RING 9,1X1,6 MM	
190	90115-0139	A		2	ROD END, ID=8 MM, M8X1,25	
200	90115-0180	A		2	ROD END, ID=8 MM, M8X1,25 LH	
210	90134-0058	-		2	CONNECTION	

Machine Type | Group Description | Used-In | Group Number | Page No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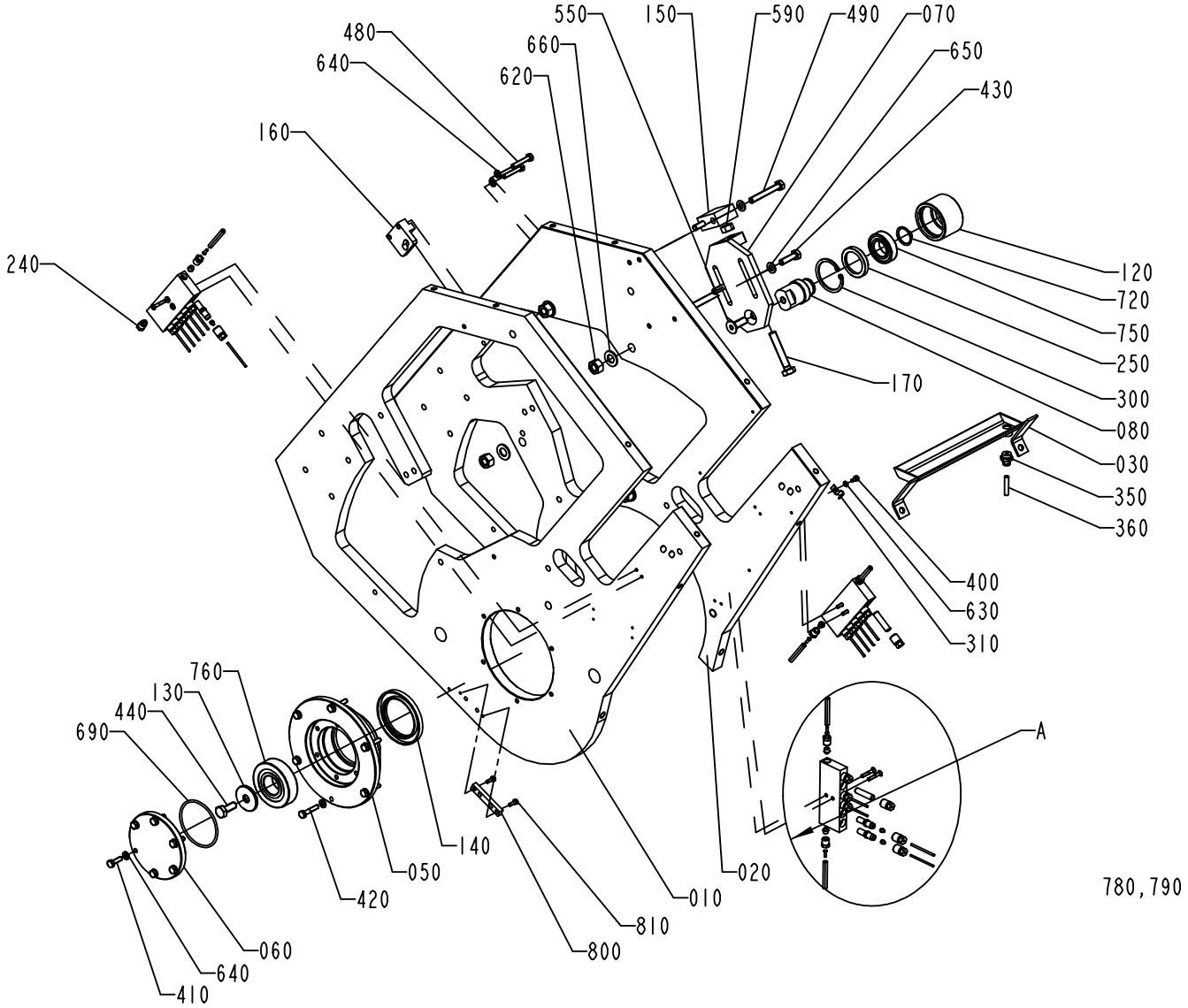
1348056-3
ECM 116478

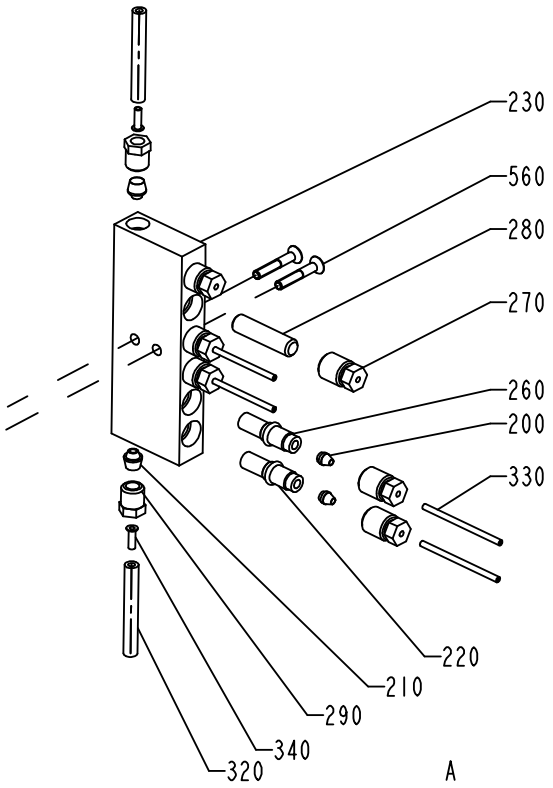
ECM: 130284 - 20030611
Group number: 1348056-0200
Assembly Drawing: 1348056-3_1_AA

This list covers pages from 632 to 635

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000SQ (See drawing on page: 632)						
020	1487922-0000	A		1	FOLDING DEVICE	
030	1487923-0000	A		1	FOLDING DEVICE	
060	1347600-0000	-		1	SUPPORT	
070	1499765-0000	A		2	AXLE LINK	
080	1499103-0000	A		2	TIE ROD	
090	1350440-0000	-		2	LEVER	
100	1350441-0000	-		1	SUPPORT	
TPA 0250SQ (See drawing on page: 632)						
020	1296180-0000	A		1	FOLDING DEVICE	
030	1296181-0000	A		1	FOLDING DEVICE	
060	1532267-0000	-		1	SUPPORT	
070	1532268-0000	A		2	AXLE LINK	
080	1532269-0000	A		2	TIE ROD	
090	1350440-0000	-		2	LEVER	
100	1532270-0000	-		1	SUPPORT	
TPA 0330SQ (See drawing on page: 632)						
020	1296180-0000	A		1	FOLDING DEVICE	
030	1296181-0000	A		1	FOLDING DEVICE	
060	1532267-0000	-		1	SUPPORT	
070	1532268-0000	A		2	AXLE LINK	
080	1532269-0000	A		2	TIE ROD	
090	1350440-0000	-		2	LEVER	
100	1532270-0000	-		1	SUPPORT	
TPA 0500SQ SMILE (See drawing on page: 634)						
020	2606277-0000	A		1	FOLDING DEVICE	
030	2606278-0000	A		1	FOLDING DEVICE	
060	2529673-0000	-		1	SUPPORT	
070	1532268-0000	A		2	AXLE LINK	
080	2527531-0000	A		2	TIE ROD	
090	2529676-0000	-		1	LEVER	
100	2529674-0000	-		1	SUPPORT	
220	2529675-0000	-		1	LEVER	
TPA 1000S (See drawing on page: 632)						
020	1296180-0000	A		1	FOLDING DEVICE	
030	1296181-0000	A		1	FOLDING DEVICE	
060	1347600-0000	-		1	SUPPORT	
070	1499765-0000	A		2	AXLE LINK	
080	1499103-0000	A		2	TIE ROD	
090	1350440-0000	-		2	LEVER	
100	1350441-0000	-		1	SUPPORT	
TPA 1000SQ (See drawing on page: 632)						
020	1296180-0000	A		1	FOLDING DEVICE	
030	1296181-0000	A		1	FOLDING DEVICE	
060	1347600-0000	-		1	SUPPORT	
070	1499765-0000	A		2	AXLE LINK	
080	1519340-0000	A		2	TIE ROD	
090	1350440-0000	-		2	LEVER	
100	1350441-0000	-		1	SUPPORT	
TPA 1000SQ SMILE (See drawing on page: 634)						
020	2529671-0000	A		1	FOLDING DEVICE	
030	2529672-0000	A		1	FOLDING DEVICE	
060	2553343-0000	-		1	SUPPORT	
070	2553346-0000	A		2	AXLE LINK	
080	2553345-0000	A		2	TIE ROD	
090	2529676-0000	-		1	LEVER	
100	2553344-0000	-		1	SUPPORT	
220	2529675-0000	-		1	LEVER	
Common Parts						
010	1282708-0000	A		4	BUSHING	
040	1347495-0000	A		2	AXLE PIN	
050	1347496-0000	A		2	SCREW	
110	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A480	
120	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	
130	312115-0366	-		4	SCREW ISO4762 M6X12 A4	
140	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
150	312812-0318	-		2	HEXAGON NUT, NY-LOCK M8 A480	
160	312902-0318	-		2	NUT HEX. LEFT THREAD, M8 A280	
170	315105-0165	-		4	WASHER BRB8,4X16RFR	
180	315202-0107	A		2	O-RING 9,1X1,6 MM	
190	90115-0139	A		2	ROD END, ID=8 MM, M8X1,25	
200	90115-0180	A		2	ROD END, ID=8 MM, M8X1,25 LH	
210	90134-0058	-		2	CONNECTION	

Machine Type | Group Description | Used-In | Group Number | Page No





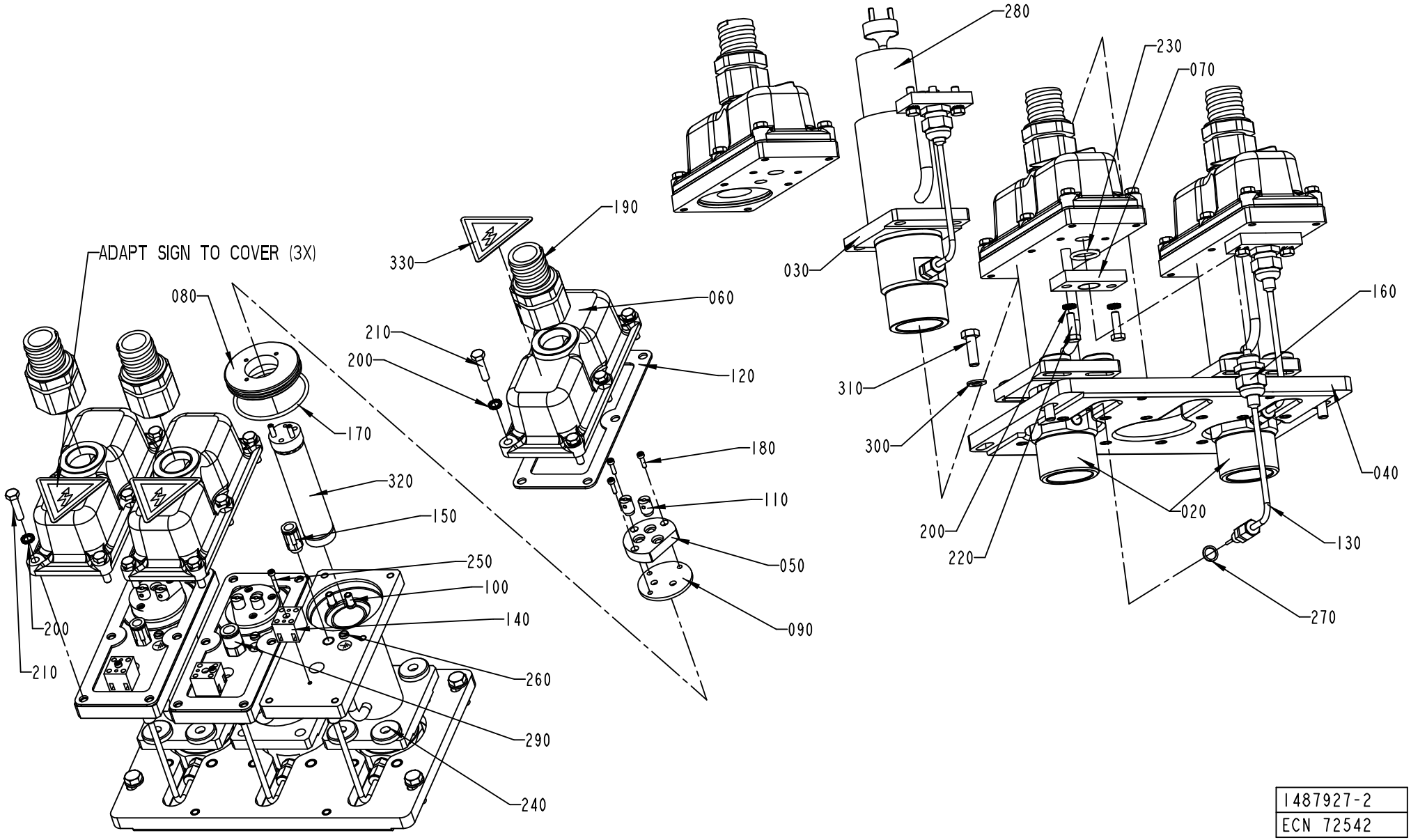
S-1144324-2
ECN 73332

ECM: 118978 - 20021217
Group number: 1144324-0200
Assembly Drawing: 1144324-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 TBA 0200B, TBA/21 TBA 0200S, TBA/21 TBA 0250B, TBA/21 TBA 1000B, TBA/21 TBA 1000S, TBA/21 TBA 1500S, TBA/21 TBA 0250S, TBA/21 TBA 0330S						
160	1144900-0000	-		1	SUPPORT	
260	90092-0052	-		14	METERING VALVE 10 MM3	
280	90134-0052	-		4	PLUG DOSING BLOCK	
TBA/21 TBA 1000SQ, TBA/21 TPA 1000S, TBA/21 TPA 0500SQ						
160	1282844-0000	-		1	SUPPORT	
TBA/21 TBA 0500S, TBA/21 TBA 0500B						
160	1282844-0000	-		1	SUPPORT	
260	90092-0052	-		14	METERING VALVE 10 MM3	
280	90134-0052	-		4	PLUG DOSING BLOCK	
TBA/21 TPA 0330SQ, TBA/21 TPA 1000SQ, TBA/21 TPA 0250SQ						
160	1282844-0000	-		1	SUPPORT	
Common Parts						
010	1347109-0000	-		1	PLATE	
020	1347108-0000	-		1	PLATE	
050	598101-0000	A		1	BEARING HOUSING	
060	1144618-0000	-		1	FLANGE	
070	1144797-0000	-		1	SUPPORT	
080	1478418-0000	A		1	AXLE BOLT	
120	1478417-0000	A		1	ROLLER	
130	1144620-0000	A		1	WASHER	
140	1144665-0000	A		1	SEAL RING	
150	1144839-0000	-		1	BLOCK	
170	1260931-0000	-		1	SCREW	
200	90028-0020	-		14	CONE TUBE 2,5MM	
210	90028-0025	-		5	CONE TUBE 6 MM	
220	90092-0054	-		1	METERING VALVE 50 MM3	
230	90032-0040	-		3	BLOCK 6 WAYS	
240	90087-0019	-		1	PLUG M10X1 STAINLESS	
250	90091-0297	A		1	RADIAL SEAL 35X47X7 MM DUST LIP	
260	90092-0052	-		16	METERING VALVE 10 MM3	
270	90134-0039	-		18	BUSHING VALVE CONNECTION 2,5 MM	
280	90134-0052	-		2	PLUG DOSING BLOCK	
290	90134-0055	-		5	BUSHING/NUT INLET/OUTLET 6 MM	
300	90141-0019	A		1	RETAIN. RING, 50	
310	316810-0106	-		5	PIPE CLIP FOR TUBE D=8 MM	
320	90166-0108	-	M	4	TUBE 6 MM PA,TRANSP.	
330	90166-0143	-	M	4	TUBE 2,5 MM PA,TRANSP.	
340	90134-0030	-		5	SLEEVE FOR PLASTIC TUBE	
350	342722-0203	-		1	STRAIGHT COUPLING	
360	90166-0124	-	MM	2000	TUBE 6 MM PA,TRANSP.	
400	312105-0287	-		5	SCREW M6S ISO4017 M4X8 A480	
410	312105-0370	-		6	SCREW M6S ISO 4017 M6X20 A480	
420	312105-0374	-		6	SCREW M6S ISO 4014 M6X30 A480	
430	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
440	312105-0493	-		1	SCREW M6S ISO 4017 M10X25 A480	
480	312109-0376	-		2	SCREW M6S ISO 4017 M6X35 A480	
490	312109-0463	-		2	SCREW M6S ISO 4017 M8X60 A480	
550	312155-0495	-		1	SCREW EN 10642 MF6S M10X30 A480	
560	312155-0297	-		6	SCREW EN 10642 MF6S M4X25 A480	
590	312605-0320	-		1	HEXAGON NUT, M6M M10 A280	
620	312605-0322	-		4	HEXAGON NUT, M6M M12 A280	
630	315105-0136	-		5	WASHER BRB4,3XRFR	
640	315105-0153	-		14	WASHER BRB6,4X12RFR	
650	315105-0165	-		4	WASHER BRB8,4X16RFR	
660	315105-0178	-		4	WASHER BRB13X24RFR	
690	315202-0305	A		1	O-RING 69,5X3 MM	
720	315751-0119	A		1	RETAIN. RING, 25	
750	321308-0205	A		1	BALL BEARING, 25X47X12MM	
760	321316-0206	A		1	BALL BEARING, 30X72X19 MM	
780	352113-0102	-		3	CLIP-STRIP, BLACK 188X4,8 MM	
790	352113-0101	-		7	CLIP STRIP, 92X2,5 MM	
800	1487821-0000	-		1	SPACER	
810	312105-0291	-		2	SCREW M6S ISO 4017 M4X12 A480	

Machine Type | Group Description | Used-In | Group Number | Page No

FLAP HEATER BODY



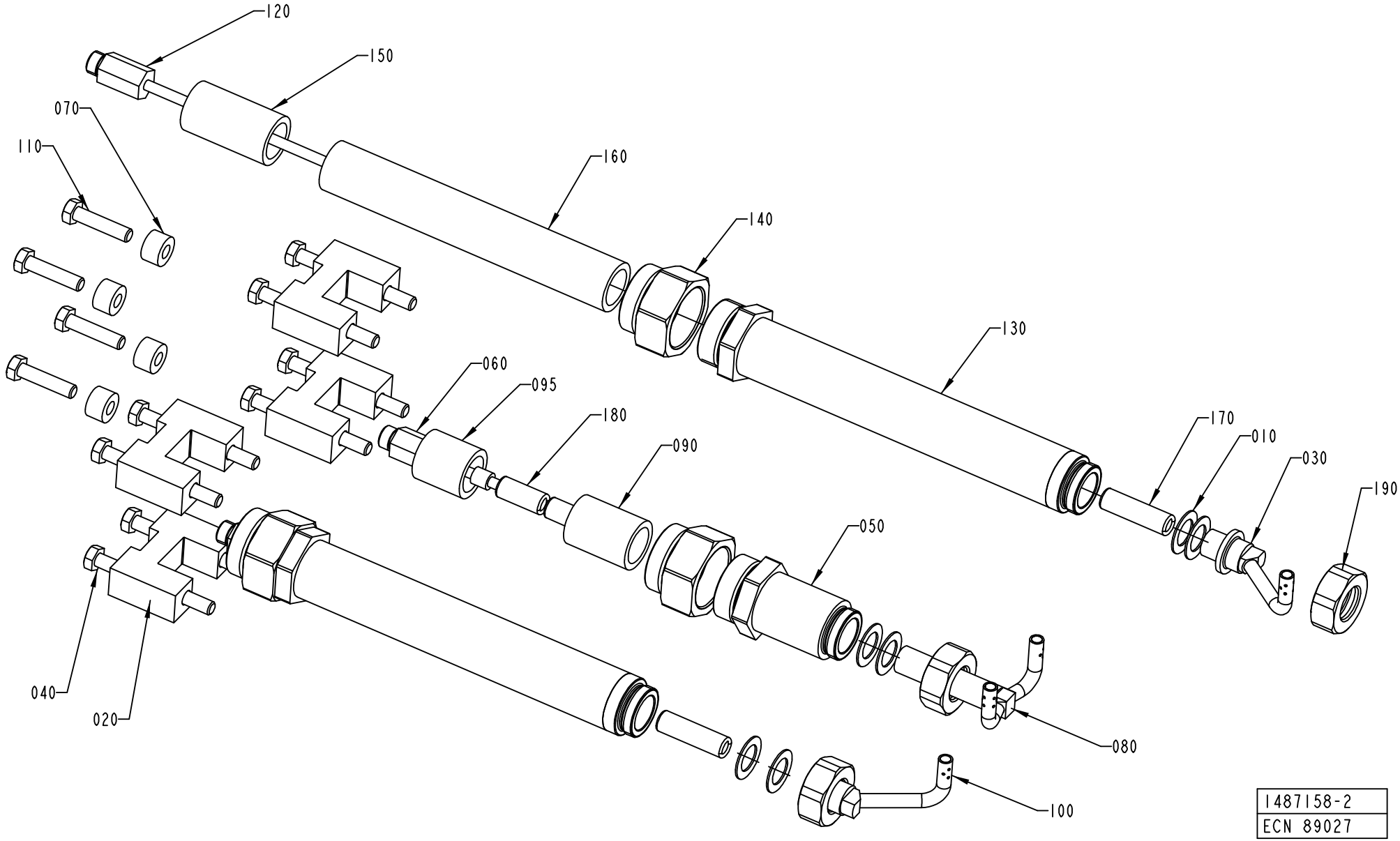
1487927-2
ECN 72542

ECM: 123728 - 20030305
Group number: 1487927-0200
Assembly Drawing: 1487927-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1296070-0000	-		2	HEATING PIPE	
030	1285293-0000	-		1	HEATING PIPE	
040	1285291-0000	-		1	PLATE	
050	294464-0000	A		3	BASE PLATE	
060	1285309-0000	-		3	COVER	
070	1285311-0000	-		3	PLATE	
080	1285307-0000	-		3	SPACER	
090	1285308-0000	A		3	GASKET	
100	270927-0000	A		6	SCREW	
110	266739-0000	A		6	CABLE GLAND	
120	1285312-0000	A		3	GASKET	
130	90326-0081	A		3	THERMOCOUPLE, ISA TYPE K.	
140	90195-0020	-		3	TERMINAL BLOCK, 1977.2	
150	342722-0204	-		2	PIPE COUPLING	
160	352103-0106	A		3	CABLE GLAND, ST 11, PR18,6/PG11	
170	315204-0303	A		3	O-RING 59,5X3 MM	
180	312115-0226	-		9	SCREW ISO4762 M3X12 A4	
190	353247-0005	-		3	GLAND, PG21, 15455P21S10UL21	
200	90062-0015	-		24	LOCK WASHER SERRAT.EXT.GEAR,6,4/11 H=0,7	
210	312105-0372	-		18	SCREW M6S ISO 4017 M6X25 A480	
220	312105-0370	-		6	SCREW M6S ISO 4017 M6X20 A480	
230	315204-0215	A		3	O-RING 19,2X3 MM	
240	315125-0165	-		8	WASHER TBRSB 8,4X26X5 A4	
250	312115-0230	-		3	SCREW ISO4762 M3X20 A4	
260	312132-0284	-		3	SCREW SLOT. PAN HEAD MSCS M4X5	
270	315234-0109	-		3	WASHER,PL.RND.CU.10,3/13,5 H=1,0	
280	90206-0030	A		1	HEATING ELEMENT, 3000W, 220V	
290	342722-0211	-		1	STRAIGHT COUPLING D=10-G1/4"	
300	315105-0165	-		4	WASHER BRB8,4X16RFR	
310	312105-0453	-		4	SCREW M6S ISO 4017 M8X25 A480	
320	90459-0707	A		2	HEATING ELEMENT, 1500W/220V	
330	359705-0015	-		3	WARNING SIGN ISO, RISK OF ELECTRIC SHOCK	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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1487158-2
ECN 89027

ECM: 130288 - 20030611
Group number: 1487158-0200
Assembly Drawing: 1487158-2_1_AA

This list covers pages from 640 to 647

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B						
020	1346642-0000	-		4	SPACER	
030	1346644-0000	A		1	NOZZLE	
040	312105-0471	-		8	SCREW M6S ISO 4014 M8X100 A480	
050	1549389-0000	B		1	SPACER	
060	1296072-0000	-		1	EXTENSION	
070	1285874-0000	-		4	SPACER	
080	1346581-0000	A		1	NOZZLE	
090	23765-0005	A		1	INSULATING PIPE	
095	23765-0004	A		1	INSULATING PIPE	
100	1346643-0000	A		1	NOZZLE	
110	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
120	1346646-0000	-		2	EXTENSION	
130	1549388-0000	B		2	SPACER	
160	23765-0002	A		2	INSULATING PIPE	
170	252766-0001	A		2	INSULATING PIPE	
180	252766-0001	A		2	INSULATING PIPE	
190	1317085-0000	B		2	NUT	
TBA 0200S						
020	1285874-0000	-		8	SPACER	
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060	1296072-0000	-		1	EXTENSION	
070	1285874-0000	-		4	SPACER	
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160	23765-0002	A		2	INSULATING PIPE	
170	252766-0001	A		2	INSULATING PIPE	
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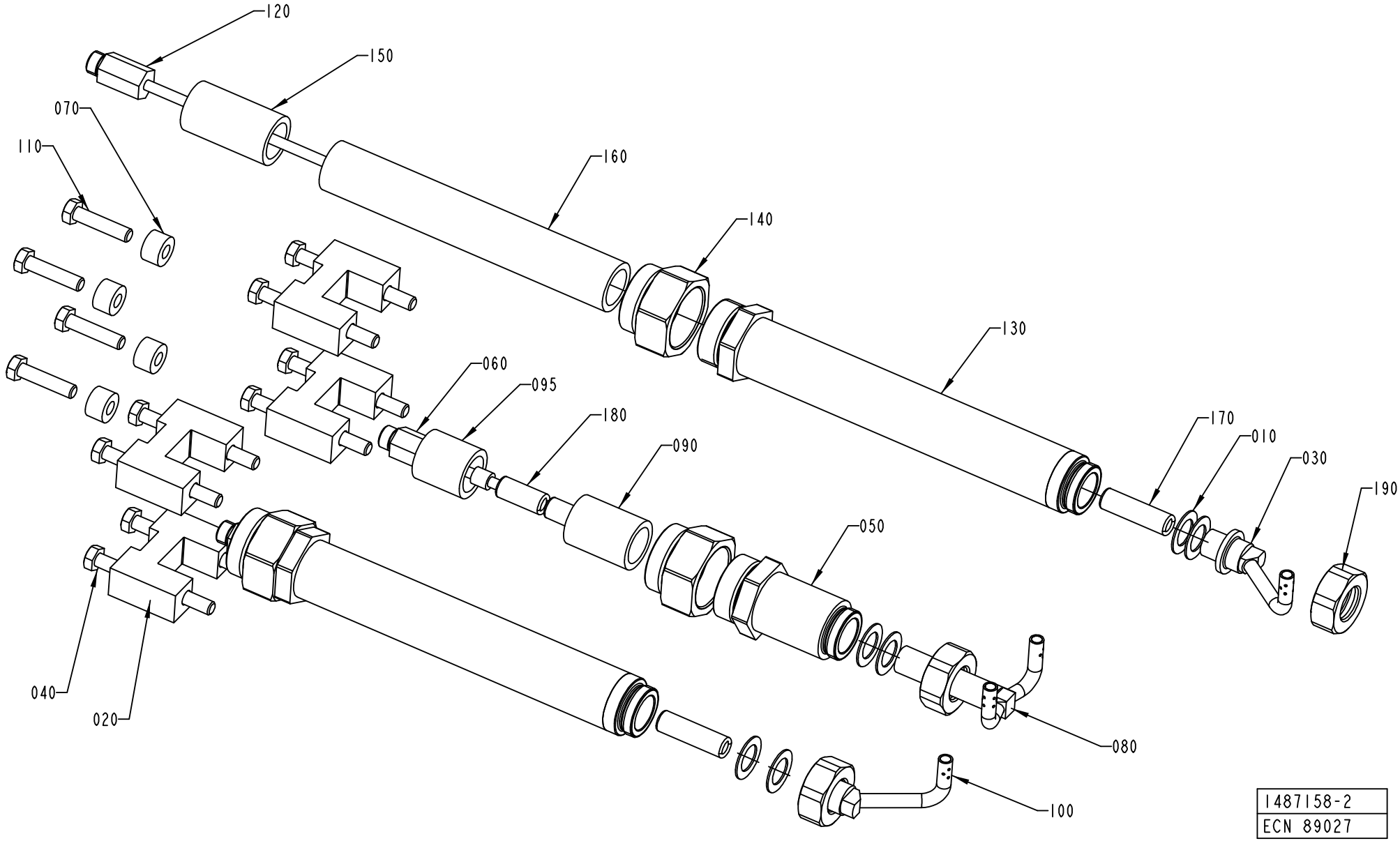
Machine Type | Group Description | Used-In | Group Number | Page No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Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S (Cont'd)						
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095	23765-0005	A		1	INSULATING PIPE	
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170	252766-0001	A		2	INSULATING PIPE	
180	252766-0001	A		2	INSULATING PIPE	
190	1317085-0000	B		2	NUT	
TBA 0500B						
020	1296153-0000	-		4	GUIDE	
030	1350422-0000	A		1	NOZZLE	
040	312105-0466	-		8	SCREW M6S ISO 4014 M8X75 A480	
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070	1498163-0000	-		4	SPACER	
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TBA 1000B						
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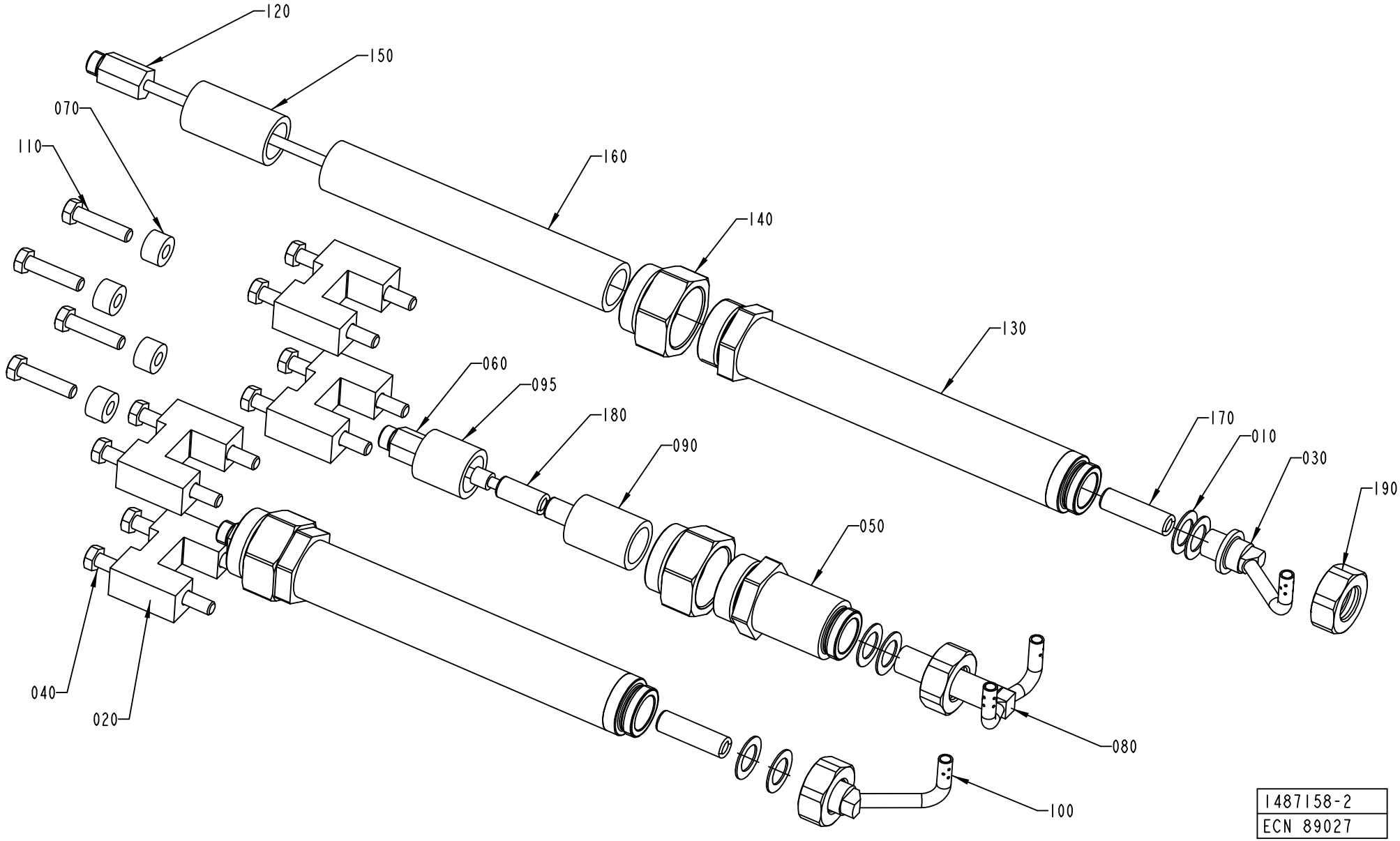
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Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000S (Cont'd)						
170	252766-0002	A		2	INSULATING PIPE	
180	252766-0001	A		2	INSULATING PIPE	
190	1317085-0000	B		2	NUT	
TBA 1000SQ						
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TBA 1500S						
010	263673-0000	-		9	GASKET	
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160	23765-0001	A		2	INSULATING PIPE	
170	252766-0002	A		2	INSULATING PIPE	
180	252766-0001	A		2	INSULATING PIPE	
190	1317085-0000	B		2	NUT	

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0250SQ						
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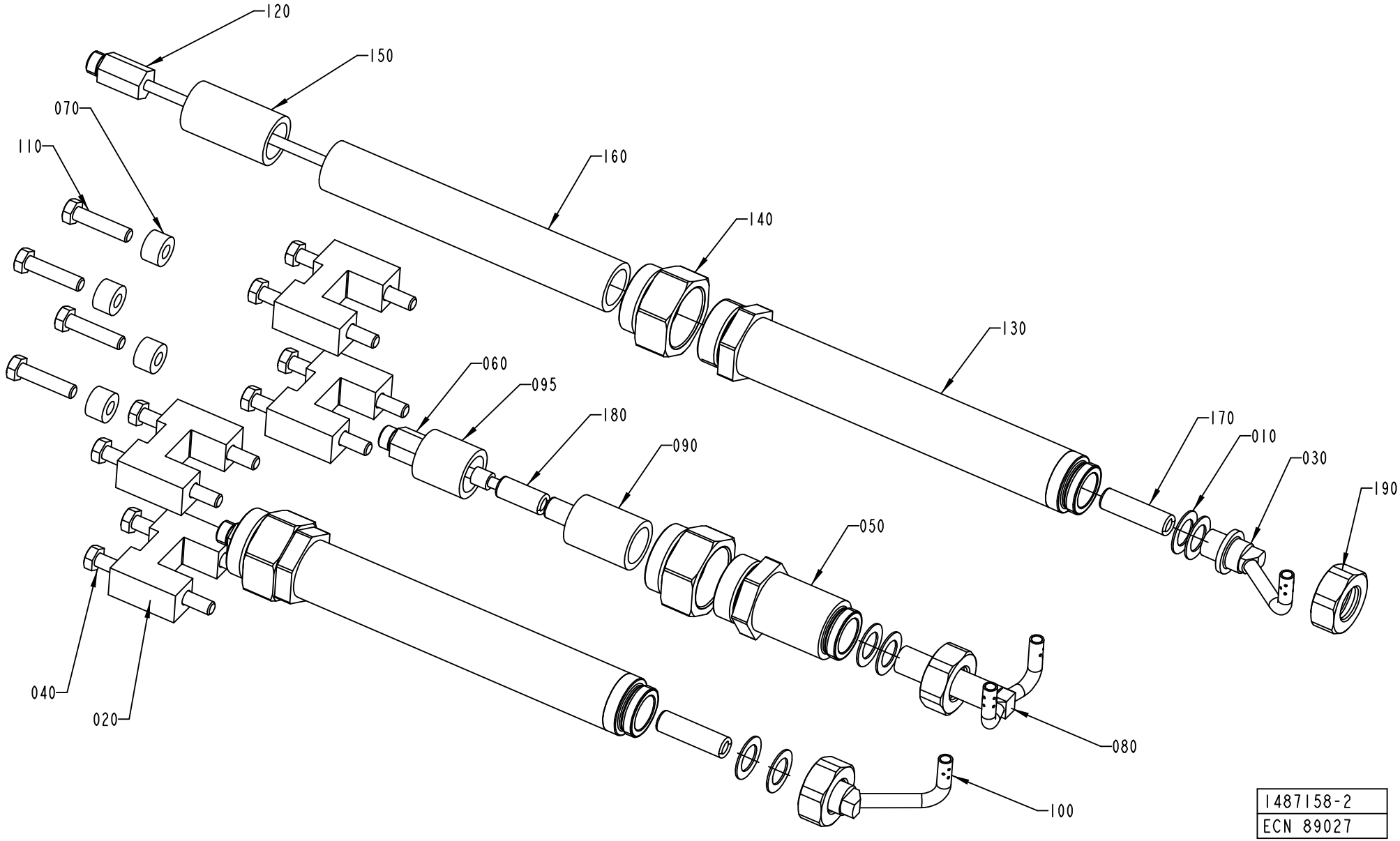
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Pos	Part No	SP	UN	Qty	Description	Page No
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TPA 1000S						
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Common Parts						
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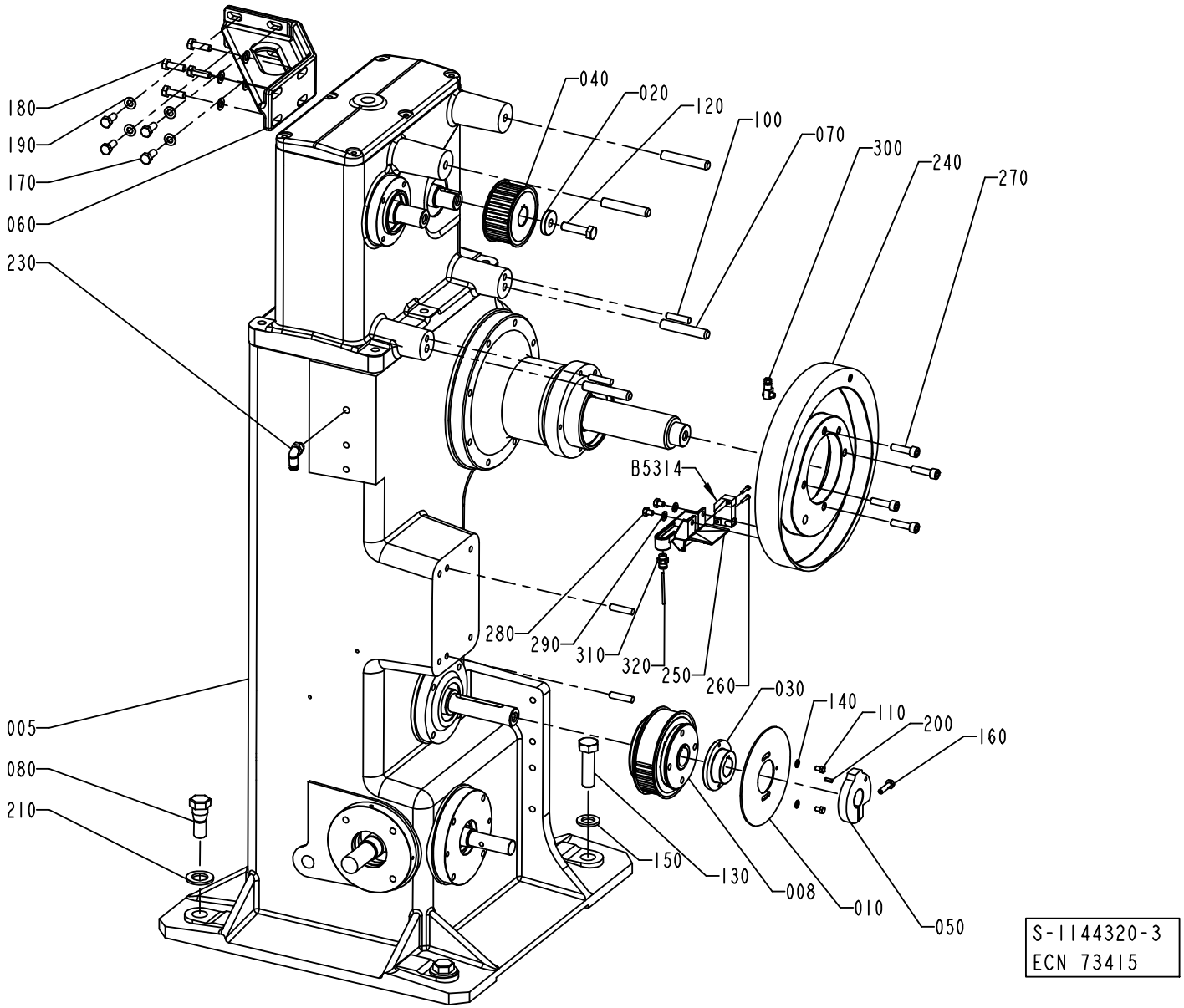
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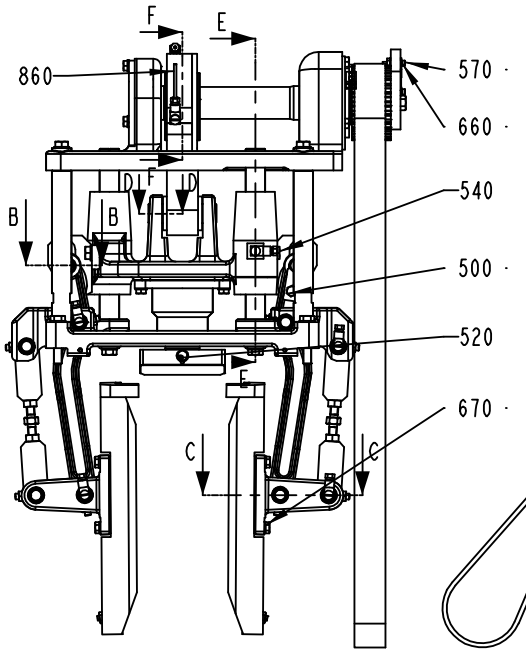
S-1144320-3
ECN 73415

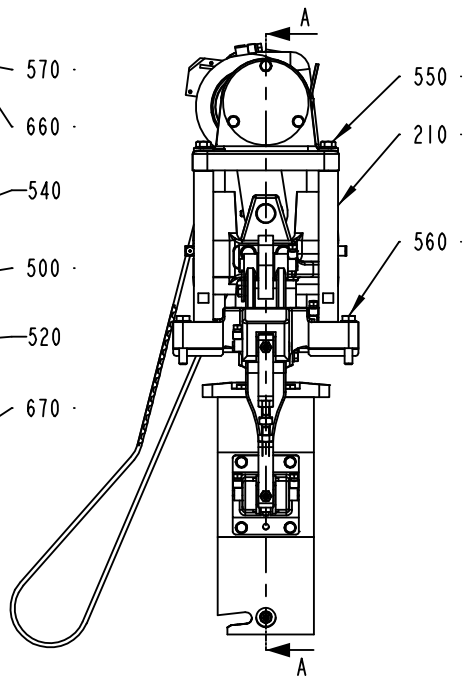
ECM: 133230 - 20030520
Group number: 1144320-0300
Assembly Drawing: 1144320-3_1_AA

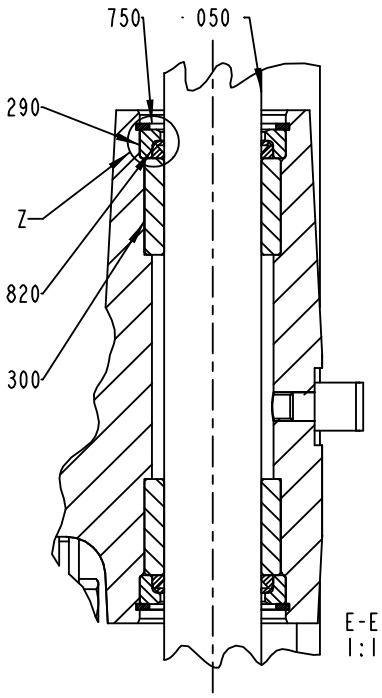
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0250S, TPA 0250SQ, TPA 1000SQ, TPA 0500SQ						
240	1548002-0000	A		1	CAM	
TBA 0500S, TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0200S, TBA 0250B, TPA 1000S, TBA 1500S, TPA 0330SQ						
240	1296150-0000	A		1	CAM	
Common Parts						
005	1524567-0100	-		1	INDEXING GEAR	
008	2552794-0000	A		1	PULLEY	
010	1144657-0000	A		1	PROTRACTOR	
020	1144681-0000	-		1	WASHER	
030	1144718-0000	-		1	FLANGE	
040	1347017-0000	A		1	PULLEY	
050	1144849-0000	A		1	SWITCH	
060	1317384-0000	-		1	BRACKET	
070	1348303-0000	-		4	STUD SCREW	
080	598549-0000	-		2	SCREW	
100	311103-0407	A		4	PARALLELL PIN ISO2338 8X35 A1	
110	312105-0323	-		2	SCREW M6S ISO 4017 M5X8 A480	
120	312105-0499	-		1	SCREW M6S ISO 4014 M10X40 A480	
130	312105-0631	-		2	SCREW M6S ISO 4014 M16X55 A480	
140	315105-0146	-		2	WASHER BRB5,3X10RFR	
150	315105-0186	-		2	WASHER BRB17X30RFR	
160	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
170	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	
180	312105-0453	-		4	SCREW M6S ISO 4017 M8X25 A480	
190	315105-0165	-		8	WASHER BRB8,4X16RFR	
200	311112-0251	-		1	SPRING PIN, ISO 8752 4X10-C	
210	315105-0192	-		2	WASHER BRB21X36RFR	
230	342732-0102	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/8	
250	1348072-0000	-		1	DRIP PLATE	
260	312125-0228	-		2	SCREW PAN HEAD MCS M3X16 A480	
270	312115-0455	-		4	SCREW ISO4762 M8X30 A4	
280	312105-0362	-		2	SCREW M6S ISO 4017 M6X8 A480	
290	315105-0153	-		2	WASHER BRB6,4X12RFR	
300	90134-0058	-		1	CONNECTION	
310	342722-0202	-		1	PIPE COUPLING 1/8" D=6MM	
320	90266-0166	-	MM	1500	PIPE	
B5314	90044-0104	A		1	PROX.SWITCH IFM IN 3002	

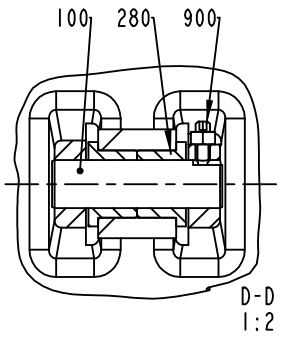
Pos	Part No	SP	UN	Qty	Description	Page No

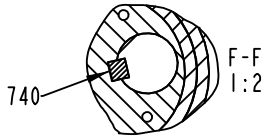
Machine Type | Group Description | Used-In | Group Number | Page No



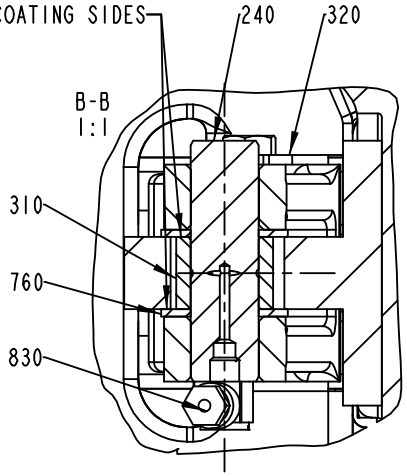


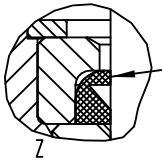






TEFLON COATING SIDES





N.B.
THE SEALING LIP MUST BE ON THE OUTER SIDE !!!

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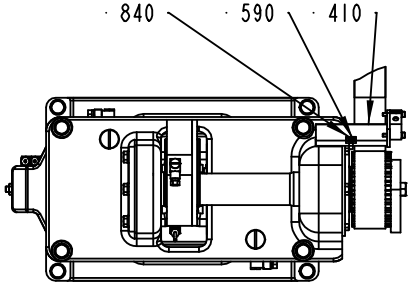
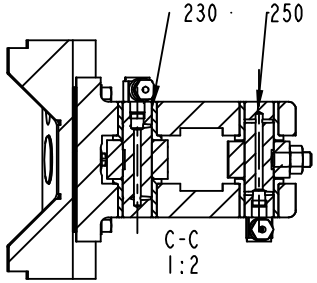
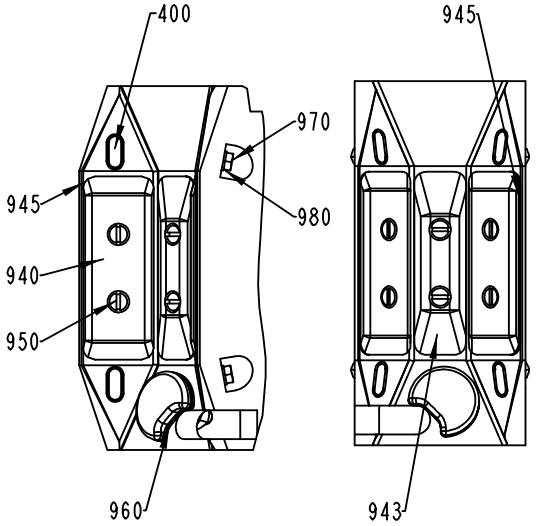




TPA 0500 SQ



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1144331-4
ECM 130265

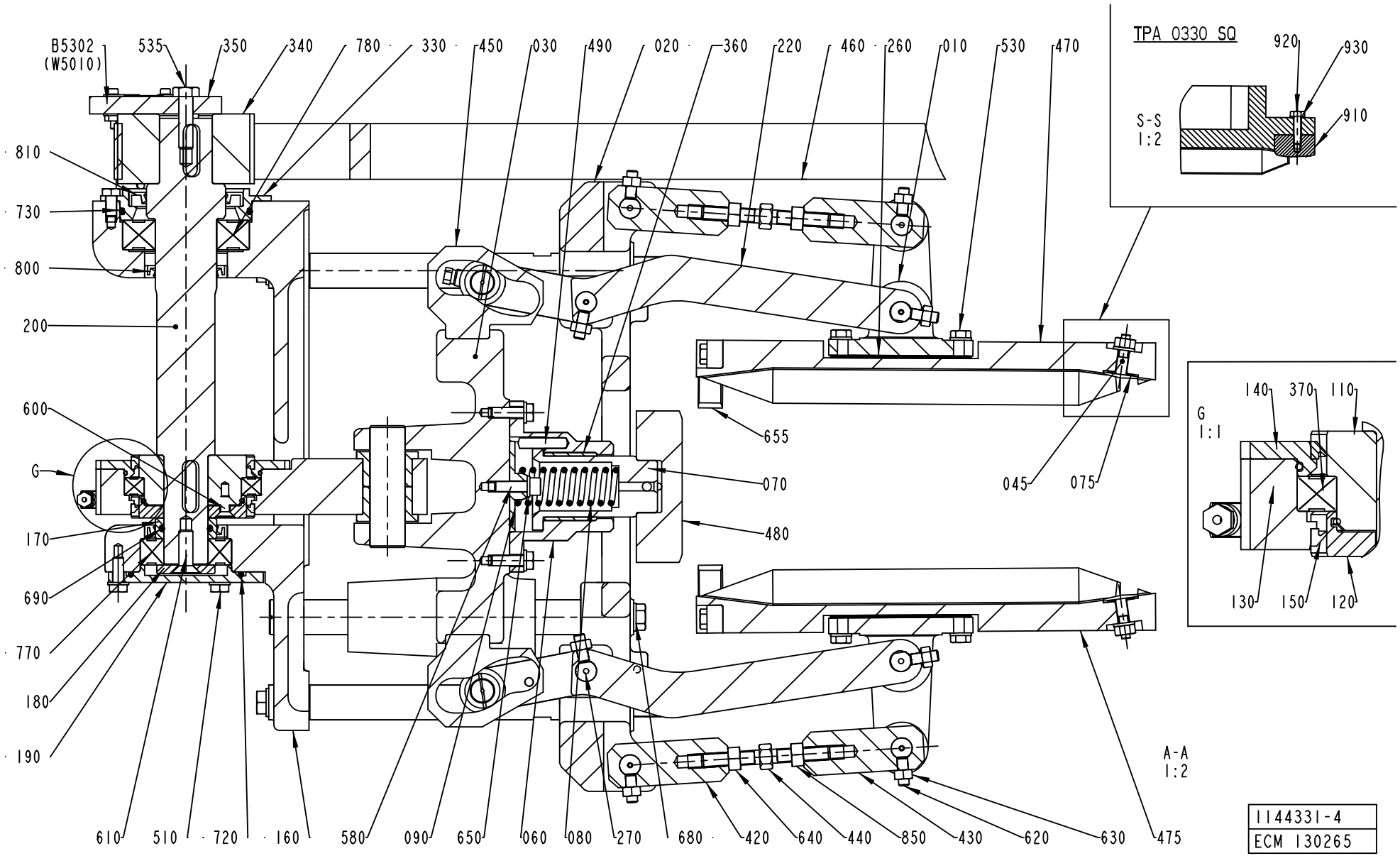
ECM: 130283 - 20030611
Group number: 1144331-0200
Assembly Drawing: 1144331-4_1_AF

This list covers pages from 650 to 655

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000SQ						
045	2541877-0000	A		2	NAIL	
080	1143530-0000	A		1	SPRING	
450	1144486-0000	A		2	CAM	
470	1523884-0000	A		1	FLAP	
475	1523885-0000	A		1	PUSHER	
480	1523826-0000	A		1	PUSHER	
520	312105-0370	-		3	SCREW M6S ISO 4017 M6X20 A480	
630	312605-0316	-		11	HEXAGON NUT, M6M M6 A280	
940	1523467-0000	-		4	VOLUME BULGE	
950	312155-0289	-		8	SCREW EN 10642 MF6S M4X10 A480	
960	2541878-0000	-		4	WASHER	
TBA 0200B						
080	1260895-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	1334999-0000	A		1	PUSHER	
475	1334999-0000	A		1	PUSHER	
480	1350809-0000	A		1	BLOCK	
TBA 0200S						
080	1260895-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	1260889-0000	A		1	PUSHER	
475	1260889-0000	A		1	PUSHER	
480	1260888-0000	A		1	BLOCK	
TBA 0250B						
080	1260895-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	1350810-0000	A		1	PUSHER	
475	1350810-0000	A		1	PUSHER	
480	1350809-0000	A		1	BLOCK	
TBA 0250S						
080	1144492-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	2522198-0000	A		1	PUSHER	
475	2522198-0000	A		1	PUSHER	
480	2522197-0000	A		1	PLATE	
520	312105-0370	-		3	SCREW M6S ISO 4017 M6X20 A480	

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S						
080	1260895-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	2545004-0000	A		1	PUSHER	
475	2545004-0000	A		1	PUSHER	
480	1350809-0000	A		1	BLOCK	
TBA 0500B						
080	1144492-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	1539872-0000	A		1	PUSHER	
475	1539872-0000	A		1	PUSHER	
480	1260702-0000	A		1	PLATE	
TBA 0500S						
080	1144492-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	1499144-0000	A		2	PUSHER	
475	1499144-0000	A		1	PUSHER	
480	1499143-0000	A		1	PLATE	
TBA 1000B						
080	1144492-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	1260701-0000	A		1	PUSHER	
475	1260701-0000	A		1	PUSHER	
480	1260702-0000	A		1	PLATE	
TBA 1000S						
080	1144492-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	1144928-0000	A		1	PUSHER	
475	1144928-0000	A		1	PUSHER	
480	1144932-0000	A		1	PLATE	
TBA 1000SQ						
080	1144492-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	1490032-0000	A		2	PUSHER	
475	1490032-0000	A		1	PUSHER	
480	1490031-0000	A		1	PLATE	
480	1549940-0000	A		1	PUSHER	

Machine Type | Group Description | Used-In | Group Number | Page No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TPA 0330 SQ
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1144331-4
ECM 130265

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000SQ (Cont'd)						
520	312105-0370	-		14	SCREW M6S ISO 4017 M6X20 A480	
TBA 1500S						
080	1144492-0000	A		1	SPRING	
450	1144978-0000	A		2	CAM	
470	1317654-0000	A		1	PUSHER	
475	1317654-0000	A		1	PUSHER	
480	1317655-0000	A		1	PLATE	
655	1317787-0000	A		2	CATCH	
TPA 0250SQ						
080	1144492-0000	A		1	SPRING	
450	1144486-0000	A		2	CAM	
470	1549847-0000	A		1	PUSHER	
475	1549848-0000	A		1	PUSHER	
480	1549849-0000	A		1	PLATE	
910	2530255-0000	-		2	VOLUME BULGE	
920	312105-0293	-		2	SCREW M6S ISO 4017 M4X16 A480	
930	315105-0136	-		2	WASHER BRB4,3XRFR	
TPA 0330SQ						
080	1260895-0000	A		1	SPRING	
450	1144486-0000	A		2	CAM	
470	1532289-0000	A		1	PUSHER	
475	1532290-0000	A		1	PUSHER	
480	1532291-0000	A		1	PLATE	
910	1558821-0000	-		2	VOLUME BULGE	
920	312105-0293	-		2	SCREW M6S ISO 4017 M4X16 A480	
930	315105-0136	-		2	WASHER BRB4,3XRFR	
TPA 0500SQ						
045	2541877-0000	A		2	NAIL	
080	1144492-0000	A		1	SPRING	
400	2635167-0000	-		8	VOLUME BULGE	
450	1144486-0000	A		2	CAM	
470	1558178-0000	A		1	PUSHER	
475	1558047-0000	A		1	PUSHER	
480	1558184-0000	A		1	PLATE	
520	312105-0370	-		10	SCREW M6S ISO 4017 M6X20 A480	
630	312605-0316	-		11	HEXAGON NUT, M6M M6 A280	
650	315103-0153	-		5	BRICKA, BRB, 6,4/12,H=1,5 NIPL BR	
940	2602613-0000	-		4	VOLUME BULGE	
943	2559008-0000	-		2	VOLUME BULGE	
945	2611875-0000	-		2	SHIM	
950	312145-0289	-		12	SCREW COUNTERS.SLOT.HD. MFS 4X10 SS	
960	2541878-0000	-		4	WASHER	
970	312105-0287	-		8	SCREW M6S ISO4017 M4X8 A480	
980	315105-0136	-		8	WASHER BRB4,3XRFR	
TPA 1000S						
045	1350428-0000	A		2	NAIL	
075	1350429-0000	A		4	WASHER	
080	1144492-0000	A		1	SPRING	
450	1144486-0000	A		2	CAM	
470	1144936-0000	A		1	PUSHER	
475	1144996-0000	A		1	PUSHER	
480	1144484-0000	A		1	PLATE	
630	312605-0316	-		11	HEXAGON NUT, M6M M6 A280	
650	315103-0153	-		5	BRICKA, BRB, 6,4/12,H=1,5 NIPL BR	
Common Parts						
010	1144482-0000	-		2	SUPPORT	
020	1144483-0000	-		1	PLATE	
030	1144485-0000	-		1	SUPPORT	
050	1144488-0000	A		2	COLUMN	
060	1144489-0000	A		1	FLANGE	
070	1478189-0000	A		1	SUPPORT	
090	1144493-0000	-		1	WASHER	
100	1144494-0000	A		1	AXLE PIN	
110	1144495-0000	A		1	ECCENTRIC	
120	1144496-0000	A		1	ECCENTRIC	
130	1346539-0000	A		1	CONNECTING ROD	
140	1144498-0000	-		1	FLANGE	
150	90091-0408	A		2	BEARING SEAL 70X78X5	
160	1144500-0000	-		1	SUPPORT	
170	1144501-0000	-		1	SPACER	
180	1144502-0000	-		1	WASHER	
190	1144503-0000	-		1	FLANGE	
200	1349516-0000	A		1	SHAFT	
210	1144505-0000	-		4	COLUMN	
220	1144506-0000	A		2	LEVER	
230	1144507-0000	A		16	BUSHING	
240	1144508-0000	A		2	AXLE PIN	

See previous drawings pages: 650, 652.

ECM: 130283 - 20030611
Group number: 1144331-0200
Assembly Drawing: 1144331-4_2_AF

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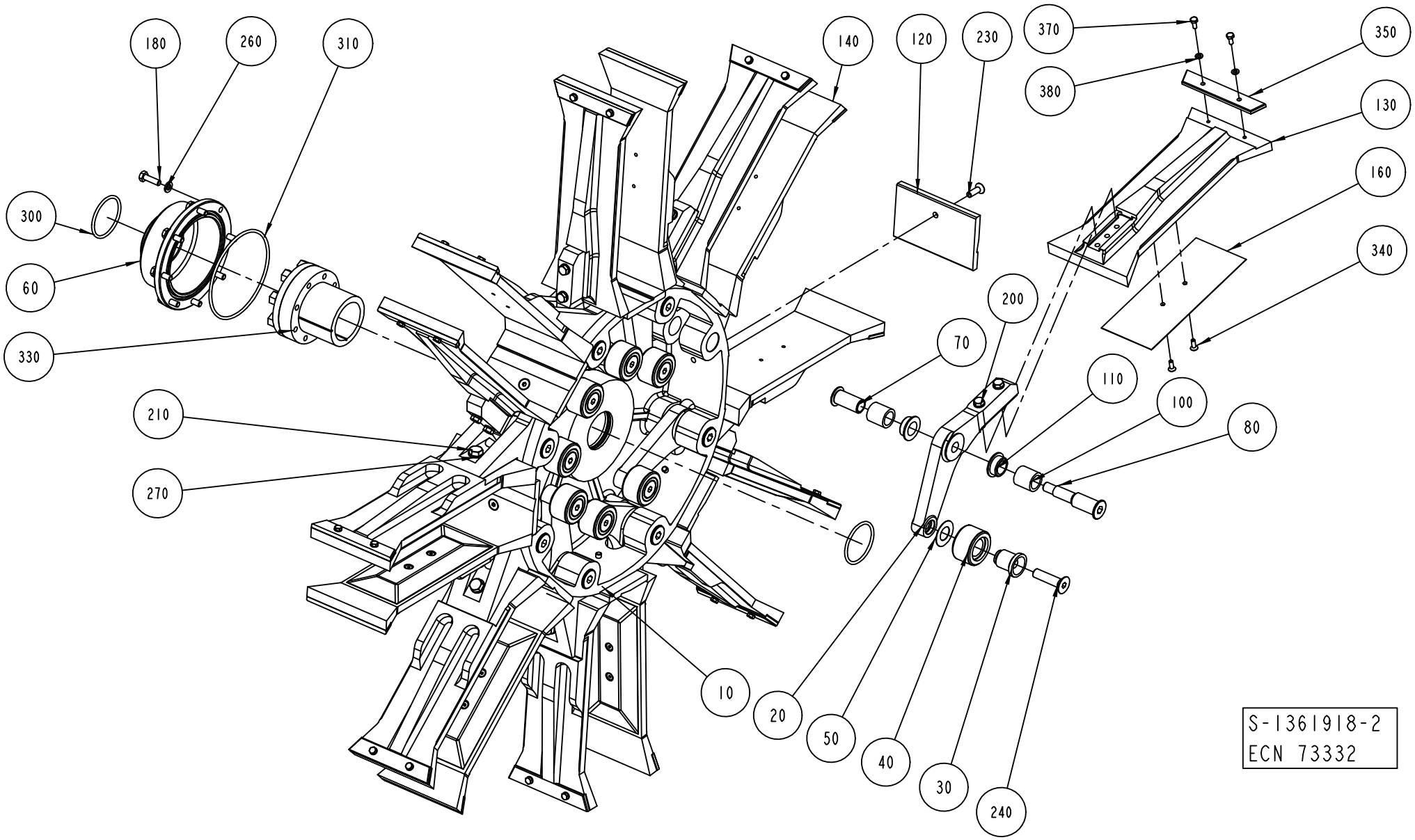
Pos	Part No	SP	UN	Qty	Description	Page No
Common Parts (Cont'd)						
270	1317363-0000	A		2	SHAFT	
280	1144514-0000	A		2	BUSHING	
290	1144515-0000	A		4	INSERT	
300	1144517-0000	A		4	BUSHING	
310	1144520-0000	A		2	ROLLER	
320	1144521-0000	-		2	CLAMP	
330	1347018-0000	-		1	PLUG	
340	1349517-0000	A		1	TOOTHED PULLEY	
350	1349519-0000	-		1	ACTIVATOR	
360	90240-0317	A		1	BUSHING, 35X39X30 MM	
370	90214-0229	A		1	BALL BEARING, 65X85X10 MM	
380	90242-0271	A		1	O-RING 63,22X1,78 MM	
390	90242-0270	A		1	O-RING 82,27X1,78 MM	
410	1349518-0000	-		1	SUPPORT	
420	1144914-0000	A		2	LEVER	
430	1144915-0000	A		2	LEVER	
440	1144916-0000	A		2	ADJUSTING SCREW	
460	1348537-0000	A		1	TIMING BELT	
490	1498029-0000	A		1	PIN	
500	312105-0366	-		8	SCREW M6S M6X12 A280	
510	312105-0368	-		3	SCREW M6S M6X16 A280	
520	312105-0370	-		11	SCREW M6S ISO 4017 M6X20 A480	
530	312105-0372	-		8	SCREW M6S ISO 4017 M6X25 A480	
535	312105-0455	-		1	SCREW M6S ISO 4017 M8X30 A480	
540	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	
550	312105-0457	-		6	SCREW M6S ISO 4014 M8X35 A480	
560	312109-0460	-		4	SCREW M6S ISO 4017 M8X45 A480	
570	312115-0230	-		2	SCREW ISO4762 M3X20 A4	
580	312115-0370	-		1	SCREW ISO4762 M6X20 A4	
590	312125-0287	-		1	SCREW PAN HEAD MCS M4X8 SS	
600	312155-0327	-		6	SCREW EN 10642 MF6S M5X12 A480	
610	312155-0453	-		1	SCREW EN 10642 MF6S M8X25 A480	
620	312318-0368	-		8	SCREW ISO4029 M6X16 A4	
630	312605-0316	-		9	HEXAGON NUT, M6M M6 A280	
640	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
650	315103-0153	-		3	BRICKA, BRB, 6,4/12,H=1,5 NIPL BR	
660	315105-0124	-		2	WASHER BRB3,2X6RFR	
670	315105-0153	-		15	WASHER BRB6,4X12RFR	
680	315105-0165	-		14	WASHER BRB8,4X16RFR	
690	315202-0217	A		1	O-RING 24,2X3 MM	
720	315202-0303	A		1	O-RING 59,5X3 MM	
730	315202-0305	A		1	O-RING 69,5X3 MM	
740	315705-0267	A		2	PARALLEL KEY W. ROUND ENDS 8X7X30 MM	
750	315753-0122	A		4	RETAIN. RING, 30	
760	321129-0110	A		4	THRUST WASHER, 14/26X1,5	
770	321313-0105	A		1	BALL BEARING, 25X52X15MM	
780	321313-0107	A		1	BALL BEARING, 35X72X17MM	
800	90091-0297	A		2	RADIAL SEAL 35X47X7 MM DUST LIP	
810	90091-0298	A		1	RADIAL SEAL 45X65X8 MM DUST LIP	
820	90091-0380	A		4	SCRAPER, EXCLUDER 20X24,8X3,7 MM	
830	90134-0058	-		14	CONNECTION	
840	90165-0056	-		1	PIPE CLIP FOR TUBE D=4 MM	
850	312902-0318	-		2	NUT HEX. LEFT THREAD, M8 A280	
880	352113-0102	-		5	CLIP-STRIP, BLACK 188X4,8 MM	
890	352113-0101	-		8	CLIP STRIP, 92X2,5 MM	
900	312311-0370	-		1	SCREW ISO4028 M6X20 FZB	
B5302	90044-0194	A		1	PROX.SW. IN5329/IN3002-BPKG	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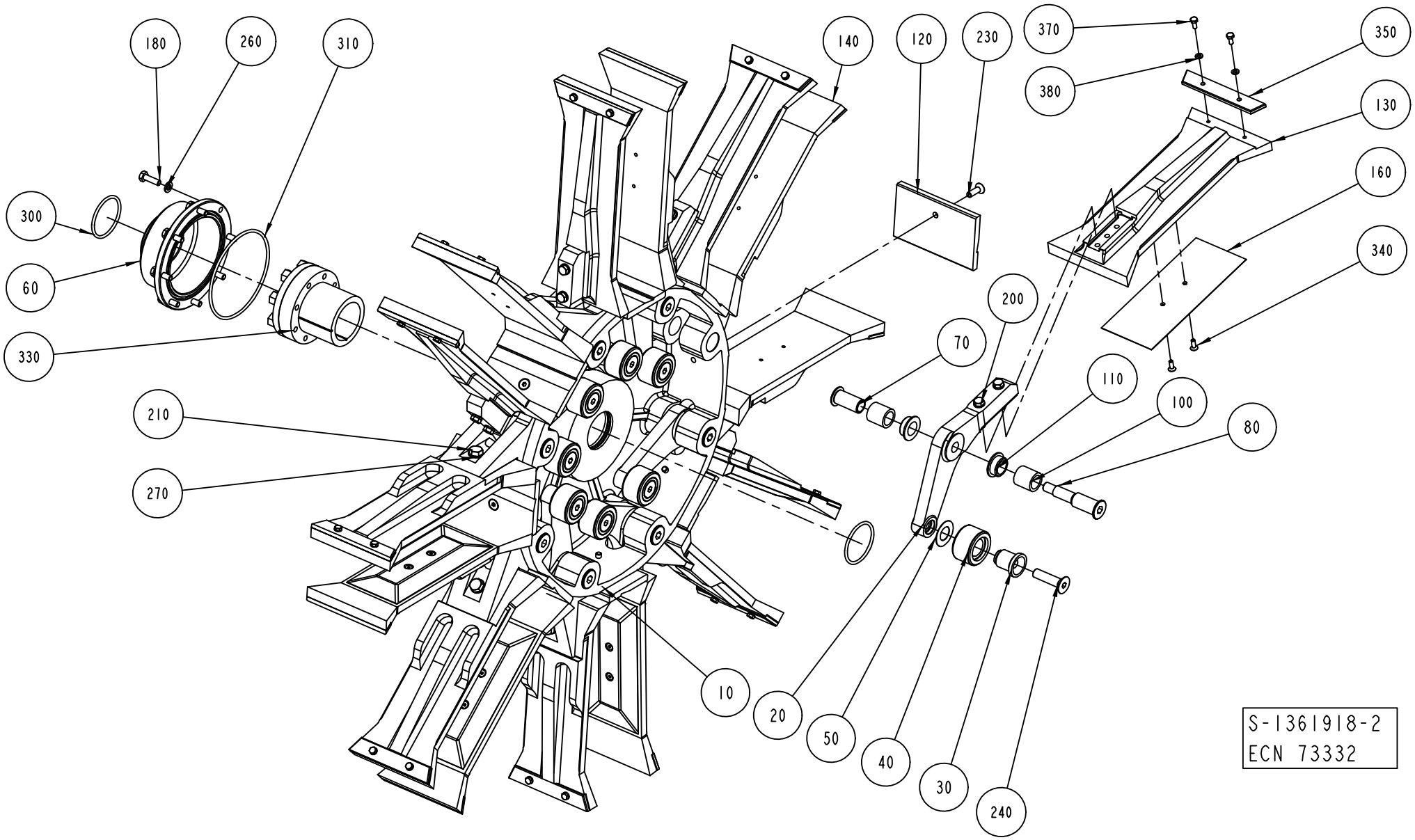
S-1361918-2
ECN 73332

ECM: 130285 - 20030611
Group number: 1361918-0200
Assembly Drawing: 1361918-2_1_AB

This list covers pages from 656 to 661

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 TPA 1000SQ						
010	1144264-0000	A		1	HUB	
120	1538770-0000	A		8	BOTTOM	
130	2555404-0000	A		8	FLAP	
140	1524484-0000	A		8	FLAP	
160	1523467-0000	A		8	VOLUME BULGE	
200	312105-0378	-		16	SCREW M6S ISO 4014 M6X40 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
230	312155-0378	-		8	SCREW EN 10642 MF6S M6X40 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
340	312155-0289	-		16	SCREW EN 10642 MF6S M4X10 A480	
TBA/21 TPA 1000SQ SMILE						
010	1144264-0000	A		1	HUB	
120	2558144-0000	A		8	BOTTOM	
130	2558145-0000	A		8	FLAP	
140	1524484-0000	A		8	FLAP	
160	1523467-0000	A		8	VOLUME BULGE	
200	312105-0378	-		16	SCREW M6S ISO 4014 M6X40 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
230	312105-0368	-		8	SCREW M6S M6X16 A280	
260	315103-0153	-		32	BRICKA, BRB, 6,4/12,H=1,5 NIPL BR	
340	312155-0289	-		16	SCREW EN 10642 MF6S M4X10 A480	
TBA/21 TBA 0200B						
010	1144264-0000	A		1	HUB	
130	1523094-0000	A		8	FLAP	
140	1523095-0000	A		8	FLAP	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
TBA/21 TBA 0200S						
010	1144264-0000	A		1	HUB	
130	1260885-0000	A		8	FLAP	
140	1260886-0000	A		8	FLAP	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
TBA/21 TBA 0250B						
010	1144264-0000	A		1	HUB	
130	1523094-0000	A		8	FLAP	
140	1523096-0000	A		8	FLAP	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
TBA/21 TBA 0250S						
010	1144264-0000	A		1	HUB	
130	2522201-0000	A		8	FLAP	
140	2522200-0000	A		8	FLAP	
160	2520473-0000	A		8	VOLUME BULGE	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
340	312155-0289	-		16	SCREW EN 10642 MF6S M4X10 A480	
TBA/21 TBA 0330S						
010	1144264-0000	A		1	HUB	
130	2545003-0000	A		8	FLAP	
140	2545002-0000	A		8	FLAP	
160	2544992-0000	A		8	VOLUME BULGE	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
340	312155-0289	-		16	SCREW EN 10642 MF6S M4X10 A480	
TBA/21 TBA 0500B						
010	1144264-0000	A		1	HUB	
130	1260704-0000	A		8	FLAP	
140	1532255-0000	A		8	FLAP	
160	1558728-0000	A		8	VOLUME BULGE	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
340	312155-0287	-		16	SCREW EN 10642 MF6S M4X8 A480	
TBA/21 TBA 0500S						
010	1144264-0000	A		1	HUB	
130	1499141-0000	A		8	FLAP	
140	1499142-0000	A		8	FLAP	
160	1524035-0000	A		8	VOLUME BULGE	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	

Machine Type | Group Description | Used-In | Group Number | Page No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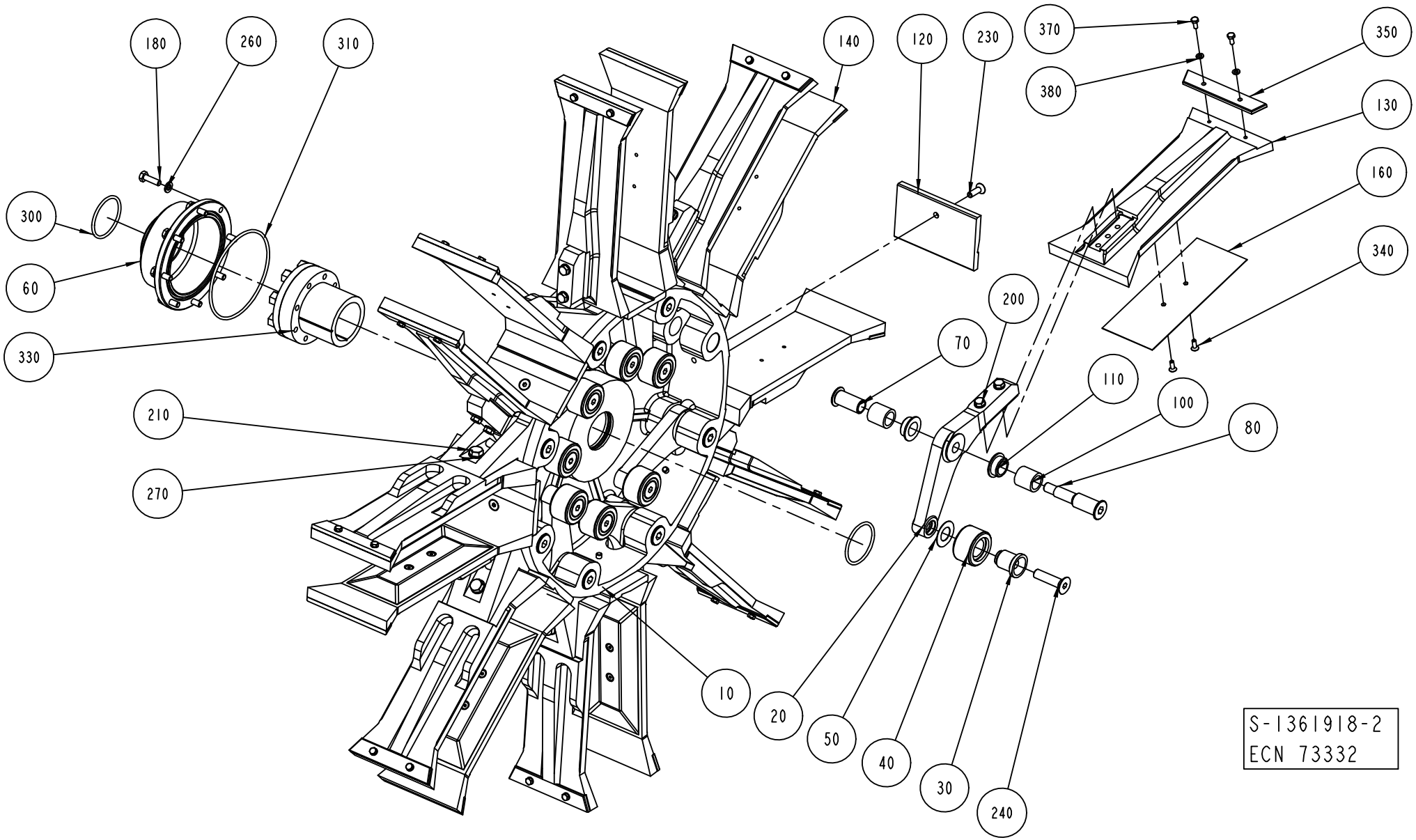
Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 TBA 0500S (Cont'd)						
340	312155-0289	-		16	SCREW EN 10642 MF6S M4X10 A480	
TBA/21 TBA 1000B						
010	1144264-0000	A		1	HUB	
120	1260703-0000	A		8	BOTTOM	
130	1260704-0000	A		8	FLAP	
140	1260705-0000	A		8	FLAP	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
230	312155-0380	-		8	SCREW EN 10642 MF6S M6X50 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
TBA/21 TBA 1000S						
010	1144264-0000	A		1	HUB	
120	1144924-0000	A		8	BOTTOM	
130	1144926-0000	A		8	FLAP	
140	1144927-0000	A		8	FLAP	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
230	312155-0370	-		8	SCREW EN 10642 MF6S M6X20 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
TBA/21 TBA 1000SQ						
010	1144264-0000	A		1	HUB	
120	1511558-0000	A		8	BOTTOM	
130	1487739-0000	A		8	FLAP	
140	1487738-0000	A		8	FLAP	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
230	312155-0370	-		8	SCREW EN 10642 MF6S M6X20 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
TBA/21 TBA 1500S						
010	1144264-0000	A		1	HUB	
120	1317556-0000	A		8	BOTTOM	
130	1317554-0000	A		8	FLAP	
140	1317555-0000	A		8	FLAP	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
230	312155-0376	-		8	SCREW EN 10642 MF6S M6X35 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
350	1317656-0000	A		16	INSERT	
370	312105-0289	-		32	SCREW M6S ISO 4017 M4X10 A480	
380	315105-0136	-		32	WASHER BRB4,3XRFR	
TBA/21 TPA 0250SQ						
010	1558737-0000	A		1	HUB	
130	1549850-0000	A		8	FLAP	
140	1549851-0000	A		8	FLAP	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
TBA/21 TPA 0330SQ						
010	1144264-0000	A		1	HUB	
130	1532297-0000	A		8	FLAP	
140	1532298-0000	A		8	FLAP	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
TBA/21 TPA 0500SQ SMILE						
010	1144264-0000	A		1	HUB	
120	2602614-0000	A		8	BOTTOM	
130	1549844-0000	A		8	FLAP	
140	2564347-0000	A		8	FLAP	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
230	312105-0368	-		8	SCREW M6S M6X16 A280	
260	315103-0153	-		32	BRICKA, BRB, 6,4/12,H=1,5 NIPL BR	
TBA/21 TPA 1000S						
010	1144264-0000	A		1	HUB	
120	1348623-0000	A		8	BOTTOM	
130	1282375-0000	A		8	FLAP	
140	1282376-0000	A		8	FLAP	
160	1144584-0000	A		8	VOLUME BULGE	
200	312105-0376	-		16	SCREW M6S ISO 4014 M6X35 A480	
210	312105-0453	-		8	SCREW M6S ISO 4017 M8X25 A480	
230	312155-0370	-		8	SCREW EN 10642 MF6S M6X20 A480	
260	315105-0153	-		24	WASHER BRB6,4X12RFR	
340	312155-0289	-		16	SCREW EN 10642 MF6S M4X10 A480	
Common Parts						

Machine Type	Group Description	Used-In	Group Number	Page No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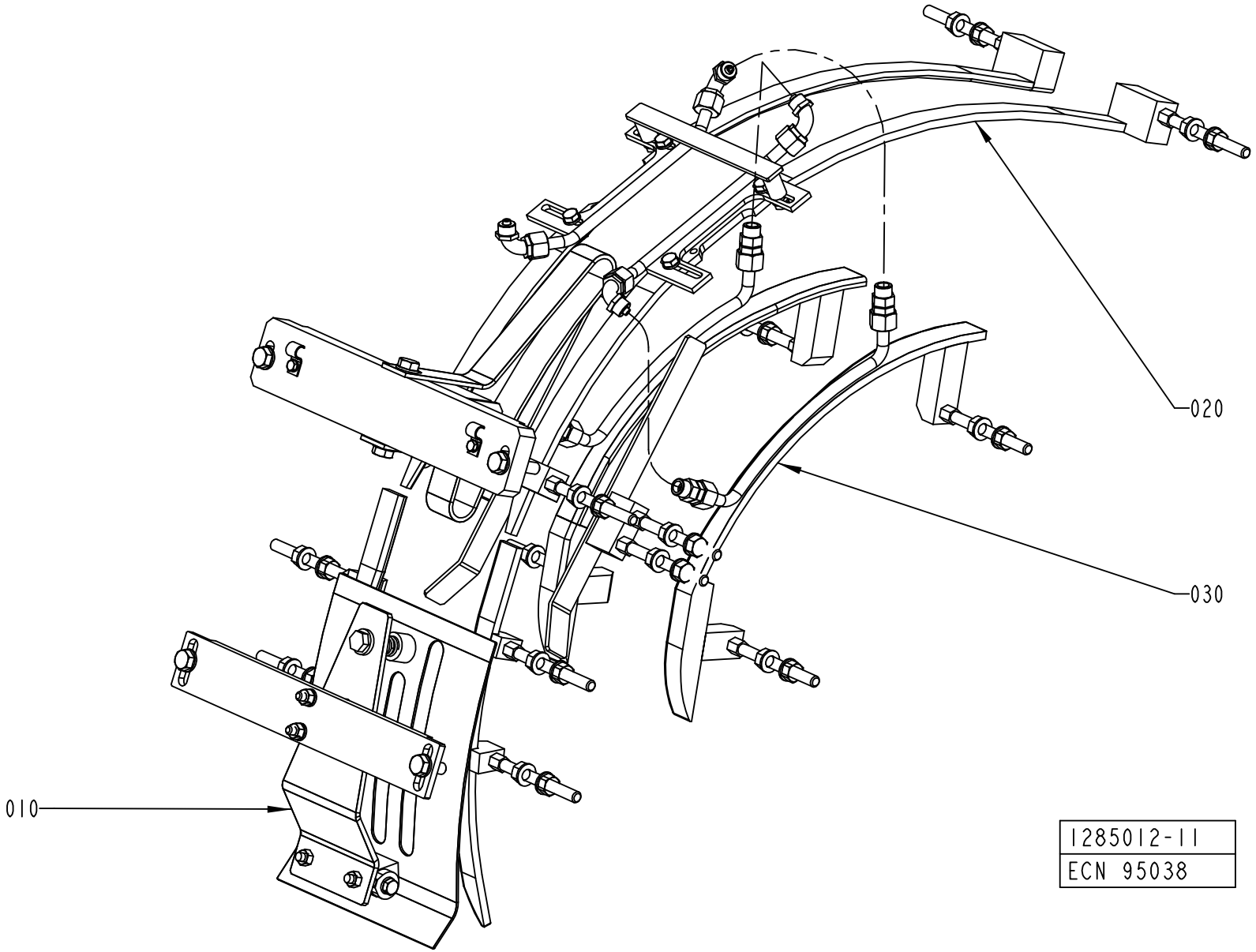
ECM: 130285 - 20030611
Group number: 1361918-0200
Assembly Drawing: 1361918-2_1_AB

This list covers pages from 656 to 661

Pos	Part No	SP	UN	Qty	Description	Page No
Common Parts (Cont'd)						
040	1144335-0000	A		8	ROLLER	
050	1144354-0000	A		8	WASHER	
060	1144356-0000	-		1	COVER	
070	1296970-0000	A		8	SCREW BUSHING	
080	1296969-0000	A		8	SCREW HOLDER	
100	1144417-0000	A		16	BUSHING	
110	1282708-0000	A		16	BUSHING	
180	312105-0370	-		8	SCREW M6S ISO 4017 M6X20 A480	
240	312155-0499	-		8	SCREW EN 10642 MF6S M10X40 A480	
270	315105-0165	-		8	WASHER BRB8,4X16RFR	
300	315202-0225	A		2	O-RING 44,2X3 MM	
310	315202-0311	A		1	O-RING 99,5X3 MM	
330	90208-0087	A		1	CLAMPING ELEMENT WITH SLEEVE, 45X59 MM	

Pos	Part No	SP	UN	Qty	Description	Page No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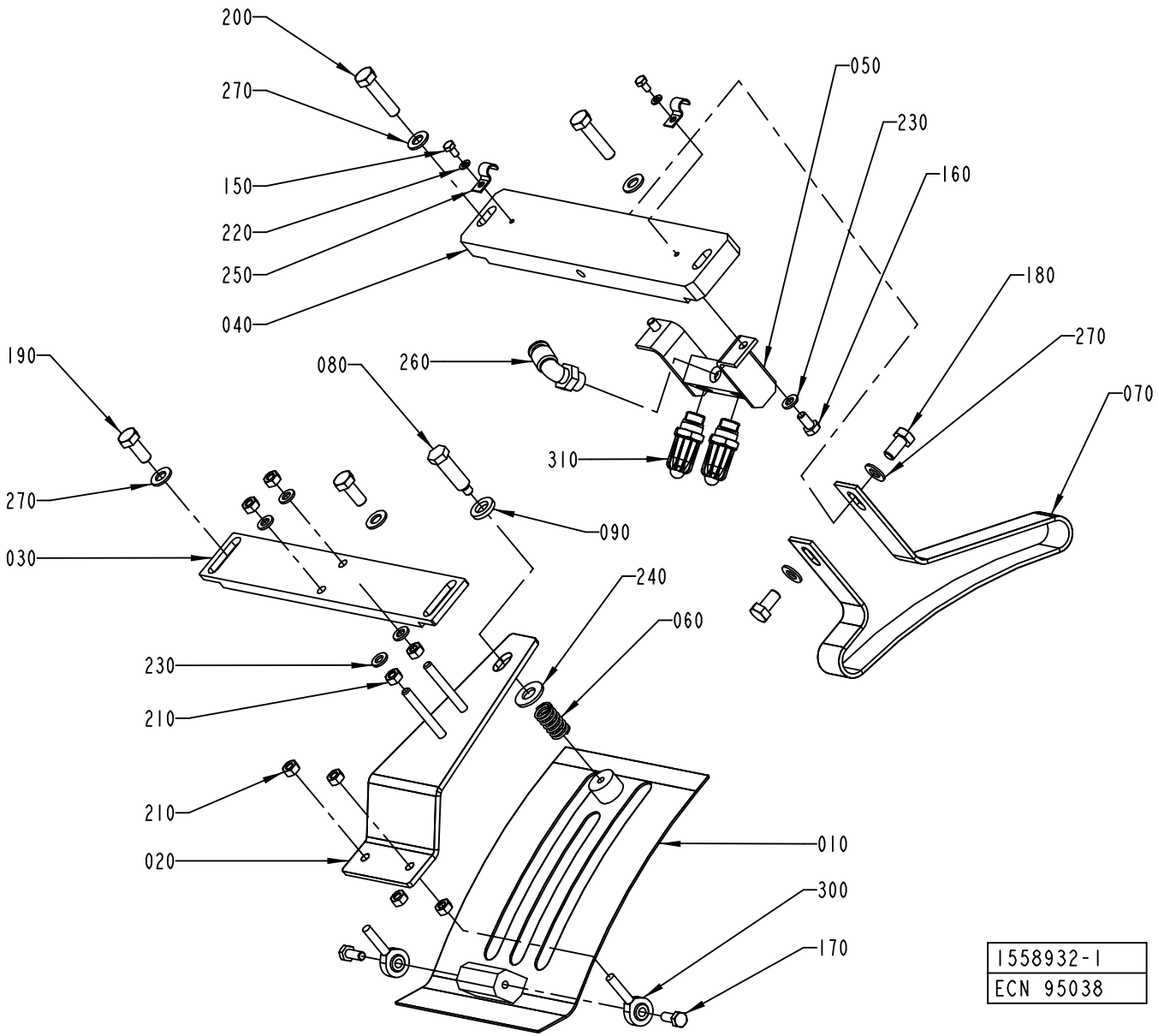
1285012-11
ECN 95038

ECM: 95096 - 20010803
Group number: 1285012-0200
Assembly Drawing: 1285012-11_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1558932-0100	-		1	TOP SECTION	**665, 667, 669**
020	1558935-0100	-		1	TOP RAIL	**671, 673, 675, 677, 679**
030	1558940-0100	-		1	FLAP GUIDE	**681, 683, 685, 687, 689, 691**

Pos	Part No	SP	UN	Qty	Description	Page No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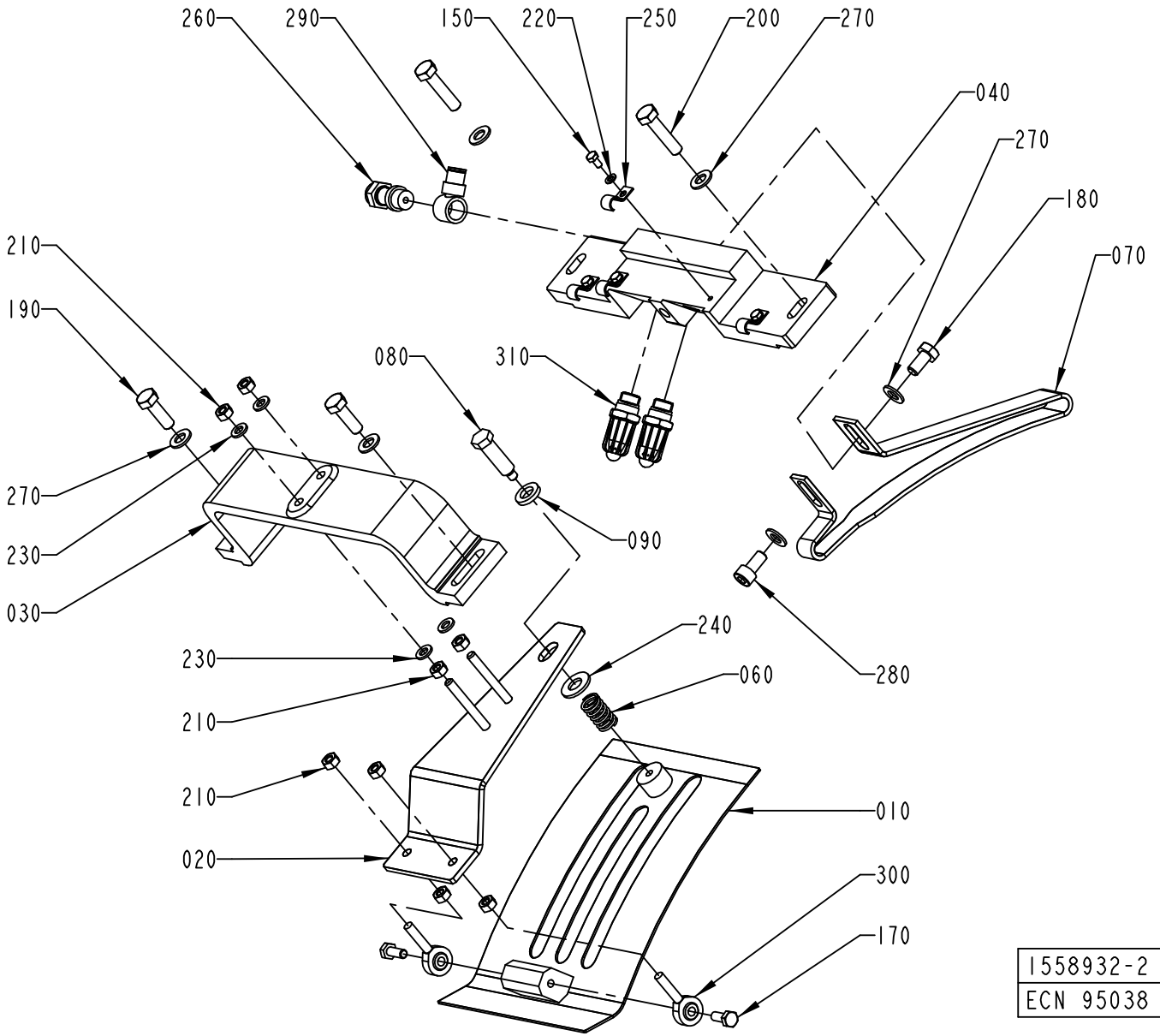
1558932-1
ECN 95038

ECM: 131001 - 20030611
Group number: 1558932-0100
Assembly Drawing: 1558932-1_1_AA

This list covers pages from 664 to 669

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0250B (See drawing on page: 664)						
010	1317211-0000	A		1	COVERING PLATE	
020	1317213-0000	-		1	ADJUSTING PLATE	
030	1144975-0000	-		1	ATTACHMENT PLATE	
040	1144902-0000	-		1	SUPPORT	
060	1317633-0000	A		1	SPRING	
150	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
190	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
220	315105-0136	-		2	WASHER BRB4,3XRFR	
230	315105-0153	-		4	WASHER BRB6,4X12RFR	
250	90165-0057	-		2	PIPE CLIP FOR TUBE D=6 MM	
270	315105-0165	-		4	WASHER BRB8,4X16RFR	
TBA 0200S (See drawing on page: 664)						
010	1317211-0000	A		1	COVERING PLATE	
020	1317213-0000	-		1	ADJUSTING PLATE	
030	1144975-0000	-		1	ATTACHMENT PLATE	
040	1144902-0000	-		1	SUPPORT	
060	1317633-0000	A		1	SPRING	
070	1144901-0000	A		1	GUIDE	
150	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
180	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
190	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
220	315105-0136	-		2	WASHER BRB4,3XRFR	
230	315105-0153	-		4	WASHER BRB6,4X12RFR	
250	90165-0057	-		2	PIPE CLIP FOR TUBE D=6 MM	
270	315105-0165	-		6	WASHER BRB8,4X16RFR	
TBA 0250S (See drawing on page: 668)						
010	1317211-0000	A		1	COVERING PLATE	
020	1317213-0000	-		1	ADJUSTING PLATE	
030	1144975-0000	-		1	ATTACHMENT PLATE	
040	1144902-0000	-		1	SUPPORT	
060	90335-0036	A		1	COMP. SPRING 22450, 1,6X14,1X24	
070	2555637-0000	A		1	GUIDE	
150	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
180	312105-0451	-		1	SCREW M6S ISO 4017 M8X20 A480	
190	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
220	315105-0136	-		2	WASHER BRB4,3XRFR	
230	315105-0153	-		4	WASHER BRB6,4X12RFR	
250	90165-0057	-		2	PIPE CLIP FOR TUBE D=6 MM	
270	315105-0165	-		6	WASHER BRB8,4X16RFR	
TBA 0330S (See drawing on page: 668)						
010	1317211-0000	A		1	COVERING PLATE	
020	1317213-0000	-		1	ADJUSTING PLATE	
030	1144975-0000	-		1	ATTACHMENT PLATE	
040	1144902-0000	-		1	SUPPORT	
050	1349087-0000	-		1	DISTRIBUTOR	
060	90335-0036	A		1	COMP. SPRING 22450, 1,6X14,1X24	
070	2552022-0000	A		1	GUIDE	
150	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
160	312105-0366	-		2	SCREW M6S M6X12 A280	
180	312105-0451	-		1	SCREW M6S ISO 4017 M8X20 A480	
190	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
220	315105-0136	-		2	WASHER BRB4,3XRFR	
230	315105-0153	-		6	WASHER BRB6,4X12RFR	
250	90165-0057	-		2	PIPE CLIP FOR TUBE D=6 MM	
260	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
270	315105-0165	-		6	WASHER BRB8,4X16RFR	
310	90424-0068	A		1	AIR NOZZLE, G1/4, MOD. 216 BSP	
320	2553284-0000	-		1	BLOCK	
TBA 0500S, TBA 0500B, TBA 1000S, TBA 1000B, TPA 1000S (See drawing on page: 664)						
010	1144941-0000	A		1	COVERING PLATE	
020	1144974-0000	-		1	ADJUSTING PLATE	
030	1144975-0000	-		1	ATTACHMENT PLATE	
040	1144902-0000	-		1	SUPPORT	
050	1285014-0000	-		1	DISTRIBUTOR	
060	90335-0036	A		1	COMP. SPRING 22450, 1,6X14,1X24	
070	1144901-0000	A		1	GUIDE	
150	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
160	312105-0366	-		2	SCREW M6S M6X12 A280	
180	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
190	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
220	315105-0136	-		2	WASHER BRB4,3XRFR	
230	315105-0153	-		6	WASHER BRB6,4X12RFR	
250	90165-0057	-		2	PIPE CLIP FOR TUBE D=6 MM	
260	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
270	315105-0165	-		6	WASHER BRB8,4X16RFR	
310	90424-0068	A		2	AIR NOZZLE, G1/4, MOD. 216 BSP	
TBA 1000SQ (See drawing on page: 664)						
010	1144941-0000	A		1	COVERING PLATE	

Machine Type Group Description Used-In Group Number Page No



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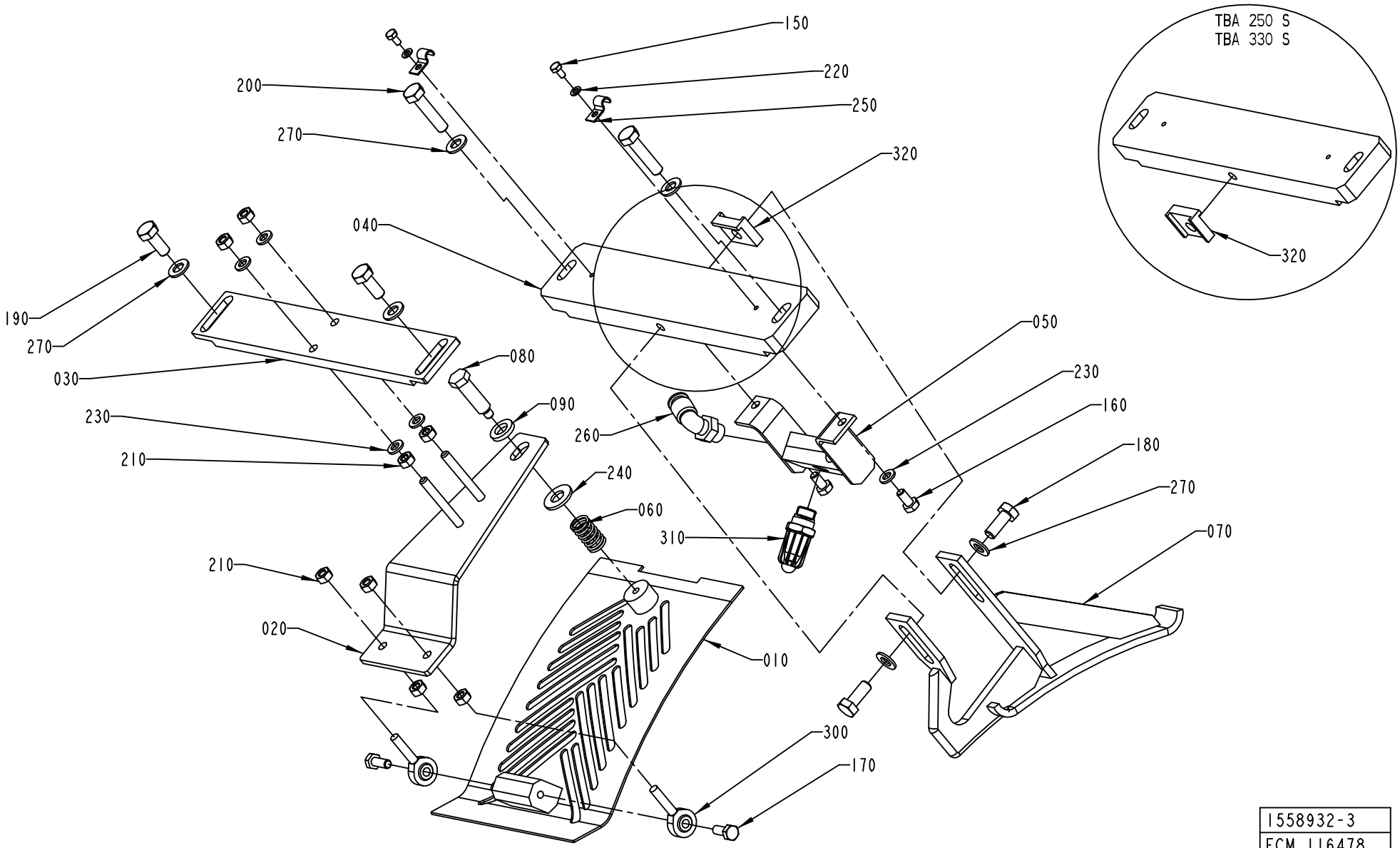
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000SQ (Cont'd) (See drawing on page: 664)						
020	1144974-0000	-		1	ADJUSTING PLATE	
030	1144975-0000	-		1	ATTACHMENT PLATE	
040	1144902-0000	-		1	SUPPORT	
050	1349087-0000	-		1	DISTRIBUTOR	
060	90335-0036	A		1	COMP. SPRING 22450, 1,6X14,1X24	
150	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
160	312105-0366	-		2	SCREW M6S M6X12 A280	
190	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
220	315105-0136	-		2	WASHER BRB4,3XRFR	
230	315105-0153	-		6	WASHER BRB6,4X12RFR	
250	90165-0057	-		2	PIPE CLIP FOR TUBE D=6 MM	
260	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
270	315105-0165	-		4	WASHER BRB8,4X16RFR	
310	90424-0068	A		1	AIR NOZZLE, G1/4, MOD. 216 BSP	
TPA 0250SQ (See drawing on page: 664)						
010	1317211-0000	A		1	COVERING PLATE	
020	1317213-0000	-		1	ADJUSTING PLATE	
030	1144975-0000	-		1	ATTACHMENT PLATE	
040	1144902-0000	-		1	SUPPORT	
060	90335-0036	A		1	COMP. SPRING 22450, 1,6X14,1X24	
070	2555637-0000	A		1	GUIDE	
150	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
180	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
190	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
220	315105-0136	-		2	WASHER BRB4,3XRFR	
230	315105-0153	-		4	WASHER BRB6,4X12RFR	
250	90165-0057	-		2	PIPE CLIP FOR TUBE D=6 MM	
270	315105-0165	-		6	WASHER BRB8,4X16RFR	
TPA 0330SQ (See drawing on page: 664)						
010	1317211-0000	A		1	COVERING PLATE	
020	1317213-0000	-		1	ADJUSTING PLATE	
030	1144975-0000	-		1	ATTACHMENT PLATE	
040	1144902-0000	-		1	SUPPORT	
050	1349087-0000	-		1	DISTRIBUTOR	
060	90335-0036	A		1	COMP. SPRING 22450, 1,6X14,1X24	
070	1558934-0000	A		1	GUIDE	
150	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
160	312105-0366	-		2	SCREW M6S M6X12 A280	
180	312105-0449	-		1	SCREW M6S ISO 4017 M8X16 A480	
190	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
220	315105-0136	-		2	WASHER BRB4,3XRFR	
230	315105-0153	-		6	WASHER BRB6,4X12RFR	
250	90165-0057	-		2	PIPE CLIP FOR TUBE D=6 MM	
260	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
270	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	90424-0068	A		1	AIR NOZZLE, G1/4, MOD. 216 BSP	
TPA 0500SQ (See drawing on page: 668)						
010	1548612-0000	A		1	COVERING PLATE	
020	1144974-0000	-		1	ADJUSTING PLATE	
030	1144975-0000	-		1	ATTACHMENT PLATE	
040	1144902-0000	-		1	SUPPORT	
050	1349087-0000	-		1	DISTRIBUTOR	
060	90335-0036	A		1	COMP. SPRING 22450, 1,6X14,1X24	
070	2552022-0000	A		1	GUIDE	
150	312105-0287	-		2	SCREW M6S ISO4017 M4X8 A480	
160	312105-0366	-		2	SCREW M6S M6X12 A280	
180	312105-0451	-		1	SCREW M6S ISO 4017 M8X20 A480	
190	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
220	315105-0136	-		2	WASHER BRB4,3XRFR	
230	315105-0153	-		6	WASHER BRB6,4X12RFR	
250	90165-0057	-		2	PIPE CLIP FOR TUBE D=6 MM	
260	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
270	315105-0165	-		6	WASHER BRB8,4X16RFR	
310	90424-0068	A		1	AIR NOZZLE, G1/4, MOD. 216 BSP	
320	2553284-0000	-		1	BLOCK	
TPA 1000SQ (See drawing on page: 666)						
010	1548612-0000	A		1	COVERING PLATE	
020	1144974-0000	-		1	ADJUSTING PLATE	
030	1285299-0000	-		1	BRACKET	
040	1334480-0000	-		1	SUPPORT	
060	90335-0036	A		1	COMP. SPRING 22450, 1,6X14,1X24	
070	1519352-0000	A		1	GUIDE	
150	312105-0287	-		4	SCREW M6S ISO4017 M4X8 A480	
180	312105-0449	-		1	SCREW M6S ISO 4017 M8X16 A480	
190	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
220	315105-0136	-		4	WASHER BRB4,3XRFR	
230	315105-0153	-		4	WASHER BRB6,4X12RFR	
250	90165-0057	-		4	PIPE CLIP FOR TUBE D=6 MM	
260	90235-0731	-		1	THROTTLE CHECK VALVES,G1/4"	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TBA 330 S
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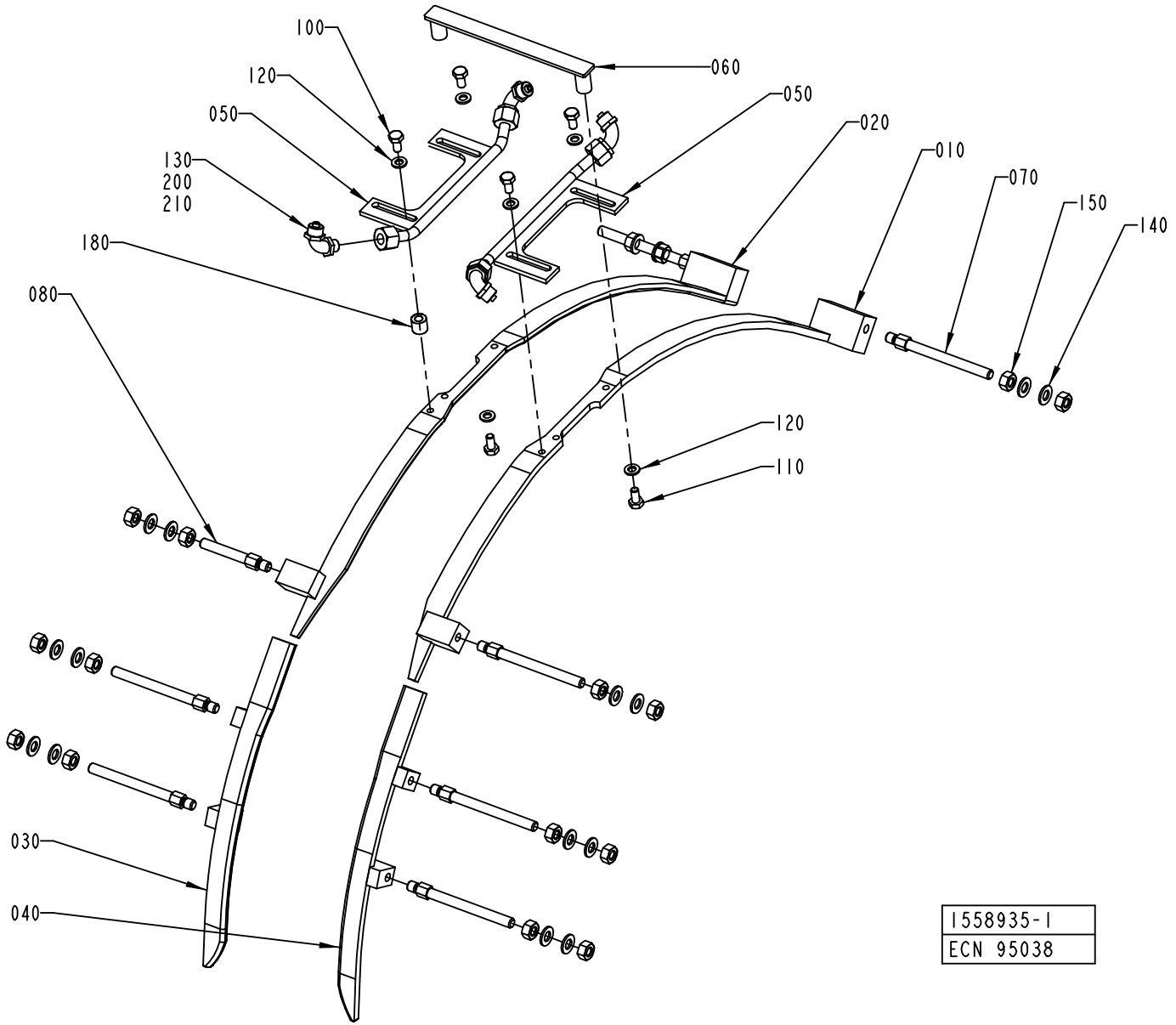
1558932-3
ECM 116478

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000SQ (Cont'd) (See drawing on page: 666)						
270	315105-0165	-		6	WASHER BRB8,4X16RFR	
280	312115-0449	-		1	SCREW ISO4762 M8X16 A4	
290	342981-0122	-		1	BANJO CONNEC,RING,FOR PLAST.TUBE 8-G1/4"	
310	90424-0068	A		2	AIR NOZZLE, G1/4, MOD. 216 BSP	
TBA 1500S (See drawing on page: 666)						
010	1144941-0000	A		1	COVERING PLATE	
020	1144974-0000	-		1	ADJUSTING PLATE	
030	1285299-0000	-		1	BRACKET	
040	1334480-0000	-		1	SUPPORT	
060	90335-0036	A		1	COMP. SPRING 22450, 1,6X14,1X24	
070	1347057-0000	A		1	GUIDE	
150	312105-0287	-		4	SCREW M6S ISO4017 M4X8 A480	
180	312105-0449	-		1	SCREW M6S ISO 4017 M8X16 A480	
190	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
220	315105-0136	-		4	WASHER BRB4,3XRFR	
230	315105-0153	-		4	WASHER BRB6,4X12RFR	
250	90165-0057	-		4	PIPE CLIP FOR TUBE D=6 MM	
260	90235-0731	-		1	THROTTLE CHECK VALVES,G1/4"	
270	315105-0165	-		6	WASHER BRB8,4X16RFR	
280	312115-0449	-		1	SCREW ISO4762 M8X16 A4	
290	342981-0122	-		1	BANJO CONNEC,RING,FOR PLAST.TUBE 8-G1/4"	
310	90424-0068	A		2	AIR NOZZLE, G1/4, MOD. 216 BSP	
Common Parts						
080	1144976-0000	-		1	STOP SCREW	
090	1144979-0000	-		1	WASHER	
170	312105-0368	-		2	SCREW M6S M6X16 A280	
200	312105-0457	-		2	SCREW M6S ISO 4014 M8X35 A480	
210	312605-0316	-		8	HEXAGON NUT, M6M M6 A280	
240	315105-0173	-		1	WASHER BRB10,5X22RFR	
300	90115-0137	A		2	ROD END, ID=6 MM, M6X1	

Pos	Part No	SP	UN	Qty	Description	Page No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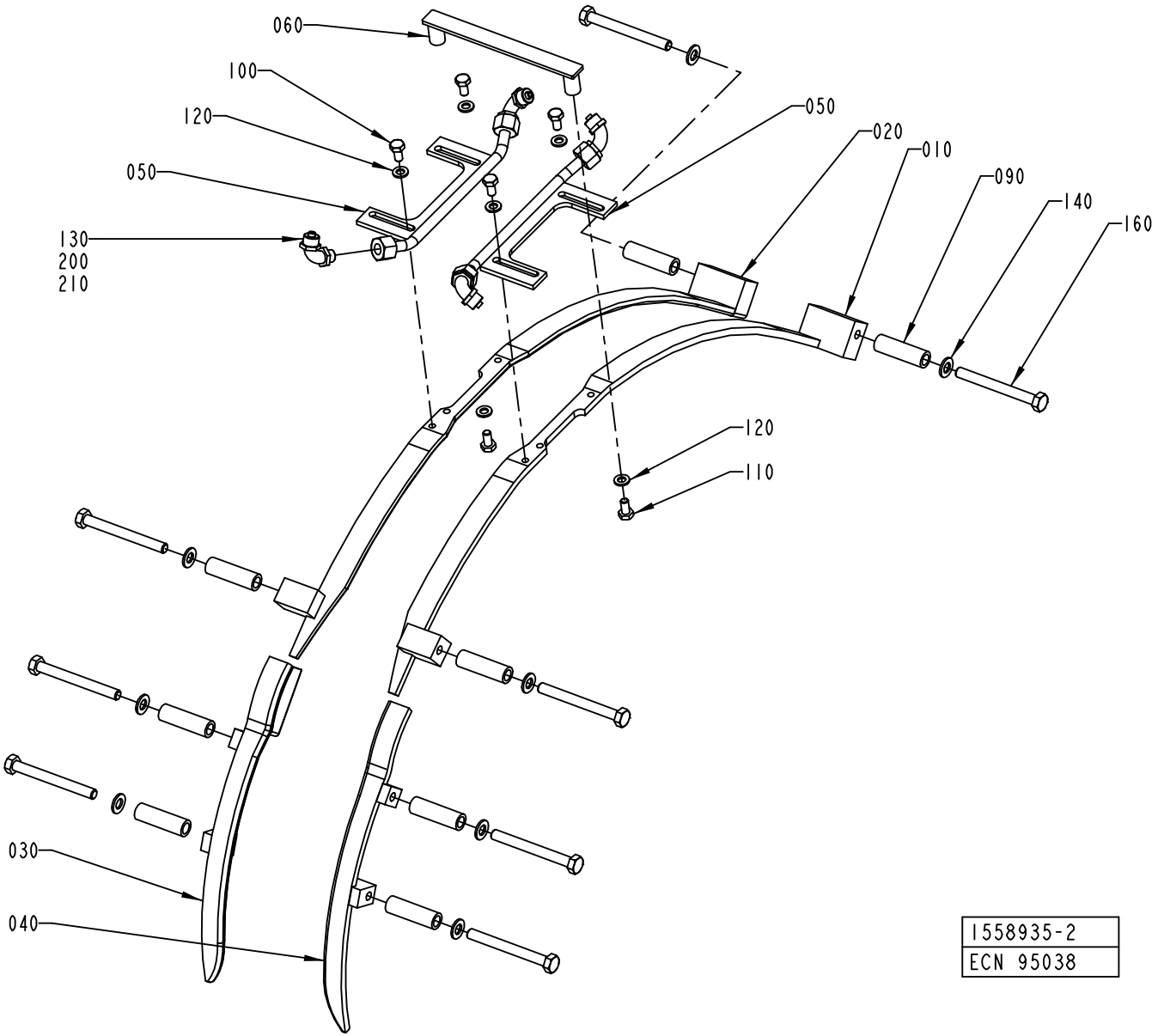
1558935-1
ECN 95038

ECM: 131004 - 20030611
Group number: 1558935-0100
Assembly Drawing: 1558935-1_1_AA

This list covers pages from 670 to 679

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0200S, TBA 0250B (See drawing on page: 670)						
010	1478926-0000	A		1	GUIDE RIGHT	
020	1478927-0000	A		1	GUIDE LEFT	
030	1334013-0000	A		1	GUIDE UPPER R	
040	1334012-0000	A		1	GUIDE UPPER L	
060	1346340-0000	-		1	BRACKET	
070	1144555-0000	-		7	STUD SCREW	
080	1334523-0000	-		1	SUPPORT	
100	312105-0366	-		4	SCREW M6S M6X12 A280	
140	315105-0165	-		16	WASHER BRB8,4X16RFR	
150	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
TBA 0250S (See drawing on page: 670)						
010	1478926-0000	A		1	GUIDE RIGHT	
020	1478927-0000	A		1	GUIDE LEFT	
030	1539900-0000	A		1	RIGHT UPPER GUIDE	
040	1549614-0000	A		1	LEFT UPPER GUIDE	
060	1346340-0000	-		1	BRACKET	
070	1144555-0000	-		7	STUD SCREW	
080	1334523-0000	-		1	SUPPORT	
100	312105-0366	-		4	SCREW M6S M6X12 A280	
140	315105-0165	-		16	WASHER BRB8,4X16RFR	
150	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
TBA 0330S (See drawing on page: 670)						
010	1144892-0000	A		1	GUIDE RIGHT	
020	1144893-0000	A		1	GUIDE LEFT	
030	1539900-0000	A		1	RIGHT UPPER GUIDE	
040	1549614-0000	A		1	LEFT UPPER GUIDE	
060	1346340-0000	-		1	BRACKET	
070	1144555-0000	-		8	STUD SCREW	
100	312105-0366	-		4	SCREW M6S M6X12 A280	
140	315105-0165	-		16	WASHER BRB8,4X16RFR	
150	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
TBA 0500B (See drawing on page: 674)						
010	1144892-0000	A		1	GUIDE RIGHT	
020	1144893-0000	A		1	GUIDE LEFT	
030	1539900-0000	A		1	RIGHT UPPER GUIDE	
040	1549614-0000	A		1	LEFT UPPER GUIDE	
060	1144905-0000	-		1	SUPPORT	
090	1539871-0000	-		4	SPACER	
095	1334447-0000	-		4	SPACER	
140	315105-0165	-		8	WASHER BRB8,4X16RFR	
160	312105-0465	-		8	SCREW M6S ISO 4014 M8X70 A480	
TBA 0500S (See drawing on page: 674)						
010	1144892-0000	A		1	GUIDE RIGHT	
020	1144893-0000	A		1	GUIDE LEFT	
030	1260709-0000	A		1	GUIDE UPPER R	
040	1260710-0000	A		1	GUIDE UPPER L	
060	1144905-0000	-		1	SUPPORT	
090	1499071-0000	-		4	SPACER	
095	1523498-0000	-		4	SPACER	
100	312105-0366	-		4	SCREW M6S M6X12 A280	
140	315105-0165	-		8	WASHER BRB8,4X16RFR	
160	312105-0466	-		8	SCREW M6S ISO 4014 M8X75 A480	
TBA 1000S, TBA 1000B (See drawing on page: 670)						
010	1144892-0000	A		1	GUIDE RIGHT	
020	1144893-0000	A		1	GUIDE LEFT	
030	1260709-0000	A		1	GUIDE UPPER R	
040	1260710-0000	A		1	GUIDE UPPER L	
060	1144905-0000	-		1	SUPPORT	
070	1144555-0000	-		7	STUD SCREW	
080	1350721-0000	-		1	STUD SCREW	
100	312105-0366	-		4	SCREW M6S M6X12 A280	
140	315105-0165	-		16	WASHER BRB8,4X16RFR	
150	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
TBA 1000SQ (See drawing on page: 672)						
010	1144892-0000	A		1	GUIDE RIGHT	
020	1144893-0000	A		1	GUIDE LEFT	
030	1549411-0000	A		1	PACKAGE GUIDE	
040	1549406-0000	A		1	PACKAGE GUIDE	
060	1498161-0000	-		1	SUPPORT	
090	1499071-0000	-		8	SPACER	
100	312105-0366	-		4	SCREW M6S M6X12 A280	
140	315105-0165	-		8	WASHER BRB8,4X16RFR	
160	312105-0466	-		8	SCREW M6S ISO 4014 M8X75 A480	
TBA 1500S (See drawing on page: 676)						
010	1350424-0000	A		1	GUIDE RIGHT	
020	1350425-0000	A		1	GUIDE LEFT	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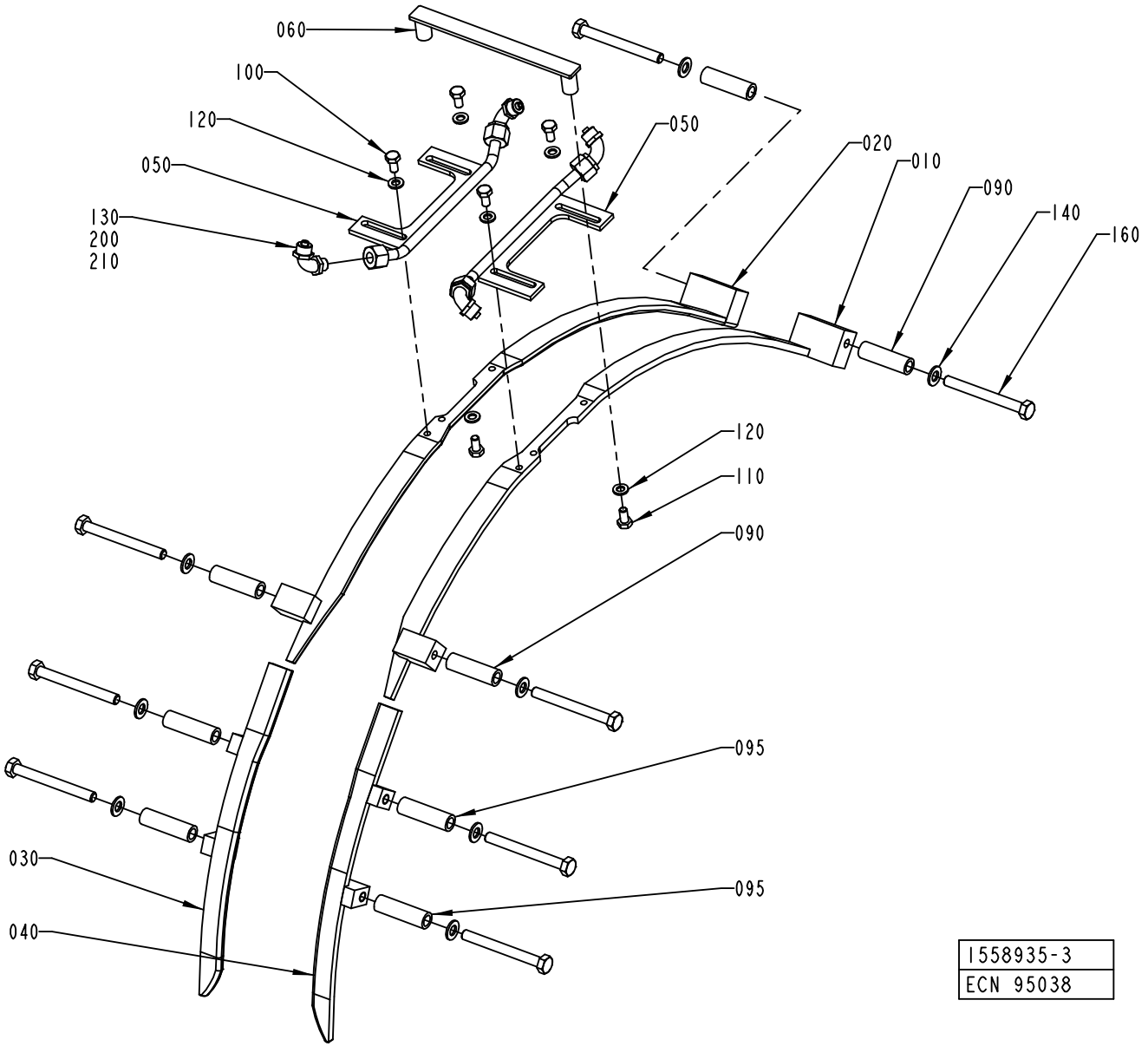
1558935-2
ECN 95038

ECM: 131004 - 20030611
Group number: 1558935-0100
Assembly Drawing: 1558935-2_1_AA

This list covers pages from 670 to 679

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1500S (Cont'd) (See drawing on page: 676)						
030	1334559-0000	A		1	GUIDE UPPER R	
040	1334560-0000	A		1	GUIDE UPPER L	
060	1285267-0000	-		1	SUPPORT	
090	1317088-0000	-		4	SPACER	
095	1348041-0000	-		2	SPACER	
098	1317088-0000	-		2	SPACER	
100	312105-0368	-		4	SCREW M6S M6X16 A280	
140	315105-0165	-		8	WASHER BRB8,4X16RFR	
160	312105-0465	-		4	SCREW M6S ISO 4014 M8X70 A480	
165	312105-0465	-		2	SCREW M6S ISO 4014 M8X70 A480	
170	312105-0467	-		2	SCREW M6S ISO 4014 M8X80 A480	
180	1282705-0000	-		4	SUPPORT	
TPA 0250SQ (See drawing on page: 676)						
010	1144892-0000	A		1	GUIDE RIGHT	
020	1144893-0000	A		1	GUIDE LEFT	
030	1539900-0000	A		1	RIGHT UPPER GUIDE	
040	1549614-0000	A		1	LEFT UPPER GUIDE	
060	1346340-0000	-		1	BRACKET	
090	1539898-0000	-		4	SPACER	
095	1558526-0000	-		2	SPACER	
098	1558735-0000	-		2	SPACER	
100	312105-0366	-		4	SCREW M6S M6X12 A280	
140	315105-0165	-		8	WASHER BRB8,4X16RFR	
160	312105-0469	-		4	SCREW M6S ISO 4014 M8X90 A480	
165	312105-0467	-		2	SCREW M6S ISO 4014 M8X80 A480	
170	312105-0469	-		2	SCREW M6S ISO 4014 M8X90 A480	
TPA 0330SQ (See drawing on page: 676)						
010	1144892-0000	A		1	GUIDE RIGHT	
020	1144893-0000	A		1	GUIDE LEFT	
030	1539900-0000	A		1	RIGHT UPPER GUIDE	
040	1549614-0000	A		1	LEFT UPPER GUIDE	
060	1346340-0000	-		1	BRACKET	
090	1558735-0000	-		4	SPACER	
095	1558736-0000	-		2	SPACER	
098	1558910-0000	-		2	SPACER	
100	312105-0366	-		4	SCREW M6S M6X12 A280	
140	315105-0165	-		8	WASHER BRB8,4X16RFR	
160	312105-0469	-		4	SCREW M6S ISO 4014 M8X90 A480	
165	312105-0467	-		2	SCREW M6S ISO 4014 M8X80 A480	
170	312105-0469	-		2	SCREW M6S ISO 4014 M8X90 A480	
TPA 0500SQ (See drawing on page: 678)						
010	1144892-0000	A		1	GUIDE RIGHT	
020	1144893-0000	A		1	GUIDE LEFT	
030	2527530-0000	A		1	GUIDE UPPER R	
040	2527529-0000	A		1	GUIDE UPPER L	
060	1346340-0000	-		1	BRACKET	
070	1144555-0000	-		3	STUD SCREW	
080	1334523-0000	-		1	SUPPORT	
090	1558910-0000	-		4	SPACER	
100	312105-0366	-		4	SCREW M6S M6X12 A280	
140	315105-0165	-		12	WASHER BRB8,4X16RFR	
150	312605-0318	-		8	HEXAGON NUT, M6M M8 A280	
160	312105-0467	-		4	SCREW M6S ISO 4014 M8X80 A480	
TPA 1000S (See drawing on page: 672)						
010	1144892-0000	A		1	GUIDE RIGHT	
020	1144893-0000	A		1	GUIDE LEFT	
030	1260709-0000	A		1	GUIDE UPPER R	
040	1260710-0000	A		1	GUIDE UPPER L	
060	1144905-0000	-		1	SUPPORT	
090	1317088-0000	-		8	SPACER	
100	312105-0366	-		4	SCREW M6S M6X12 A280	
140	315105-0165	-		8	WASHER BRB8,4X16RFR	
160	312105-0465	-		8	SCREW M6S ISO 4014 M8X70 A480	
TPA 1000SQ (See drawing on page: 672)						
010	1350424-0000	A		1	GUIDE RIGHT	
020	1350425-0000	A		1	GUIDE LEFT	
030	1519358-0000	A		1	GUIDE	
040	1519359-0000	A		1	GUIDE	
060	1346340-0000	-		1	BRACKET	
090	1523926-0000	-		8	SPACER	
100	312105-0368	-		4	SCREW M6S M6X16 A280	
140	315105-0165	-		8	WASHER BRB8,4X16RFR	
160	2541125-0000	-		8	SCREW	
180	1282705-0000	-		4	SUPPORT	
Common Parts						
050	1350423-0000	-		2	FOLDING BAR	
110	312105-0366	-		2	SCREW M6S M6X12 A280	

Machine Type | Group Description | Used-In | Group Number | Page No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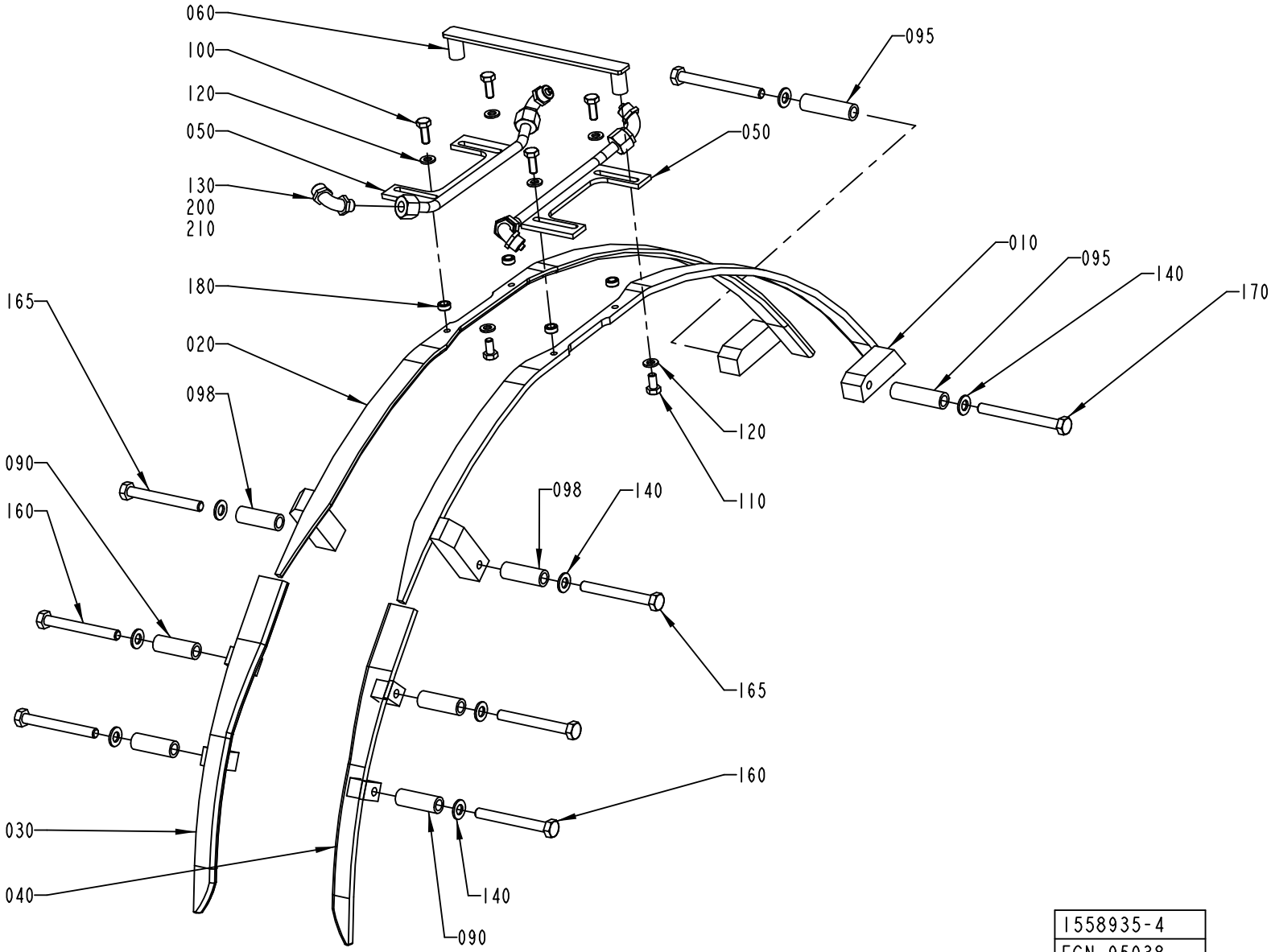
1558935-3
ECN 95038

ECM: 131004 - 20030611
Group number: 1558935-0100
Assembly Drawing: 1558935-3_1_AA

This list covers pages from 670 to 679

Pos	Part No	SP	UN	Qty	Description	Page No
Common Parts (Cont'd)						
120	315105-0153	-		6	WASHER BRB6,4X12RFR	
130	342931-0121	-		4	ELBOW 90 COUPL.,EXT.THREAD 8/6-G1/8"	
200	90166-0118	-	MM	1500	TUBE 8 MM PA BLACK	
210	352113-0102	-		10	CLIP-STRIP, BLACK 188X4,8 MM	

Pos	Part No	SP	UN	Qty	Description	Page No



1558935-4
ECN 95038

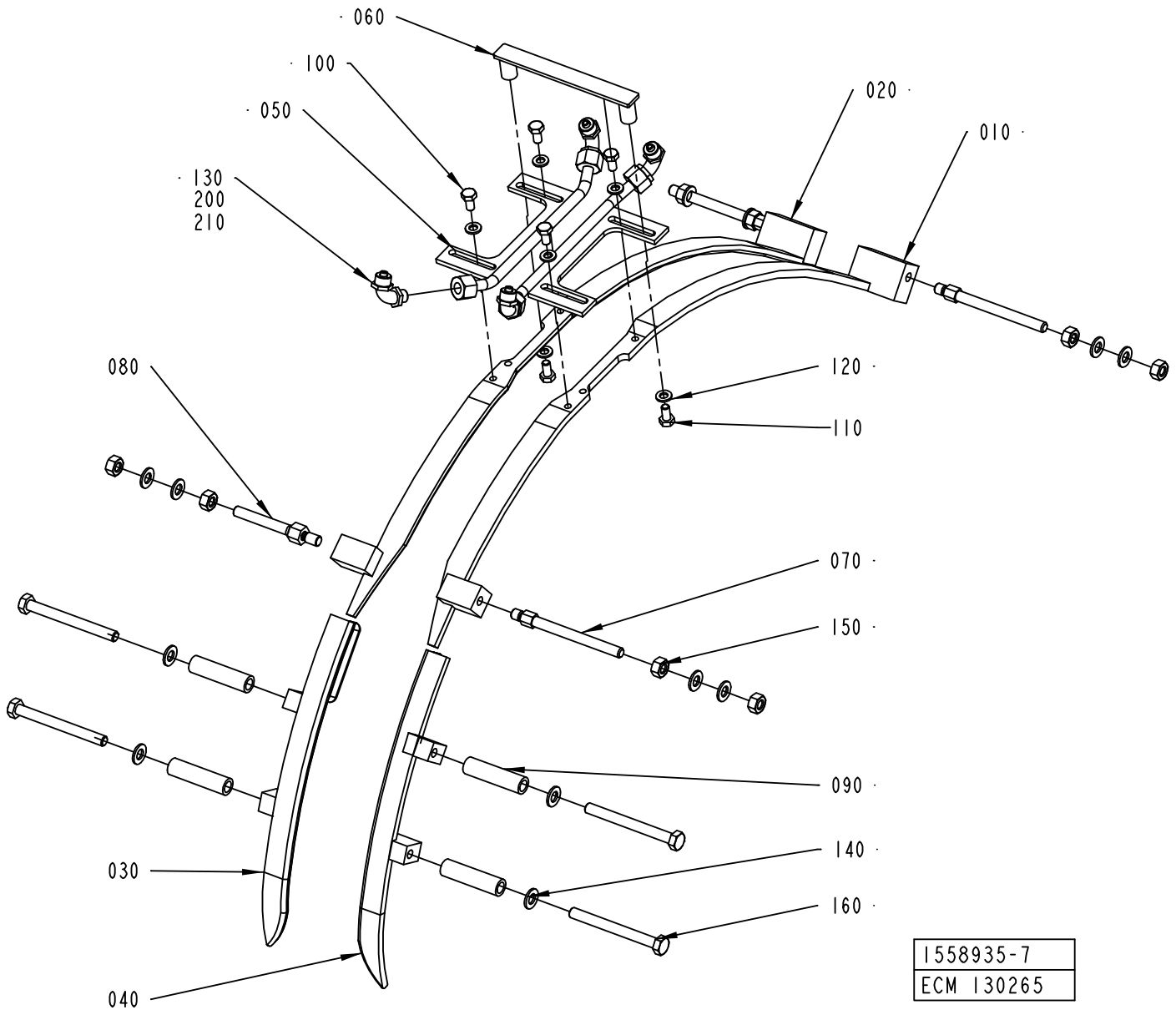
ECM: 131004 - 20030611
Group number: 1558935-0100
Assembly Drawing: 1558935-4_1_AA

This list covers pages from 670 to 679

Pos	Part No	SP	UN	Qty	Description	Page No

SEE PREVIOUS LISTS PAGES: 671, 673, 675.

Pos	Part No	SP	UN	Qty	Description	Page No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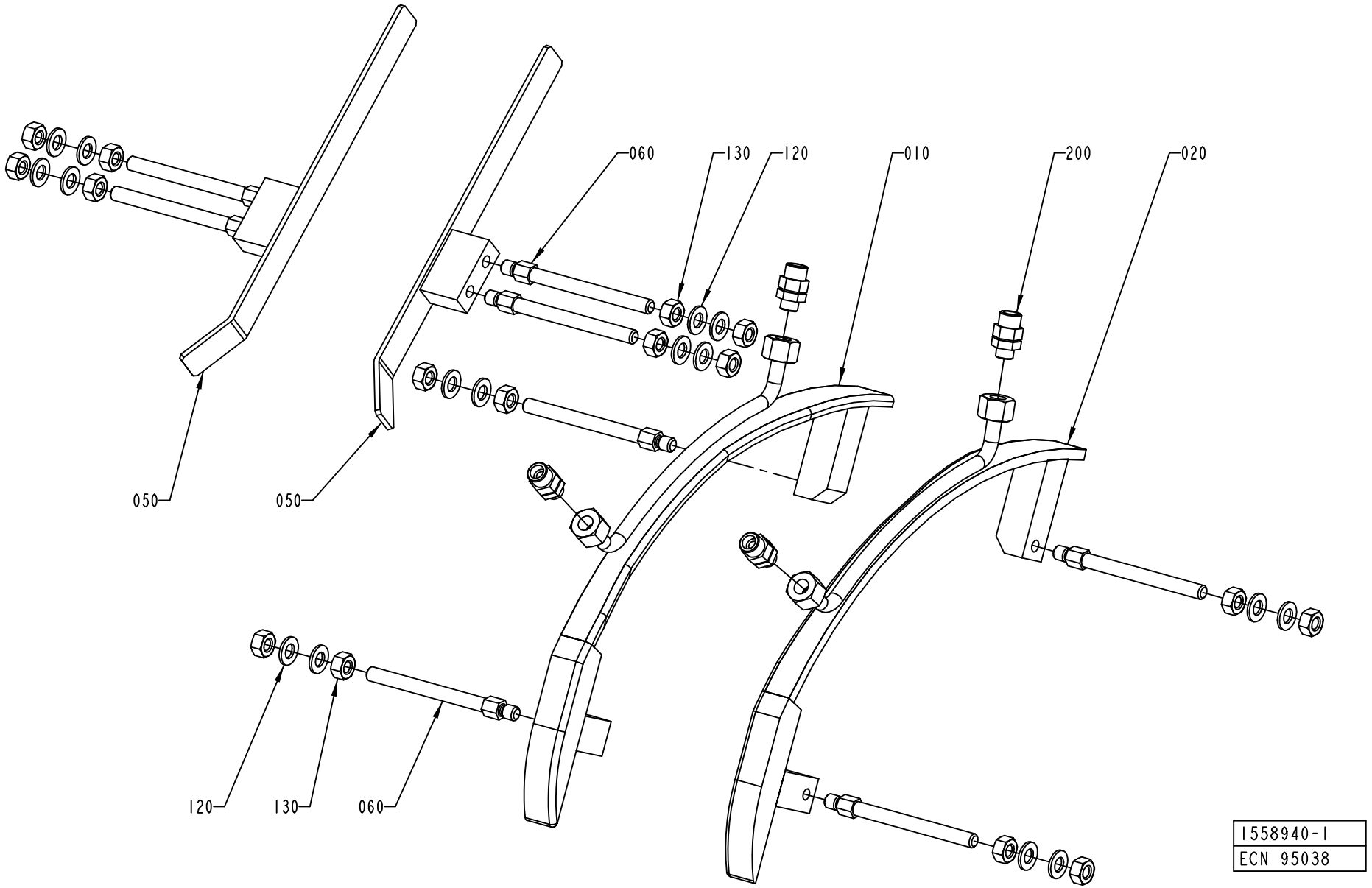
1558935-7
ECM 130265

ECM: 131004 - 20030611
Group number: 1558935-0100
Assembly Drawing: 1558935-7_1_AA

This list covers pages from 670 to 679

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 671, 673, 675.						

Pos	Part No	SP	UN	Qty	Description	Page No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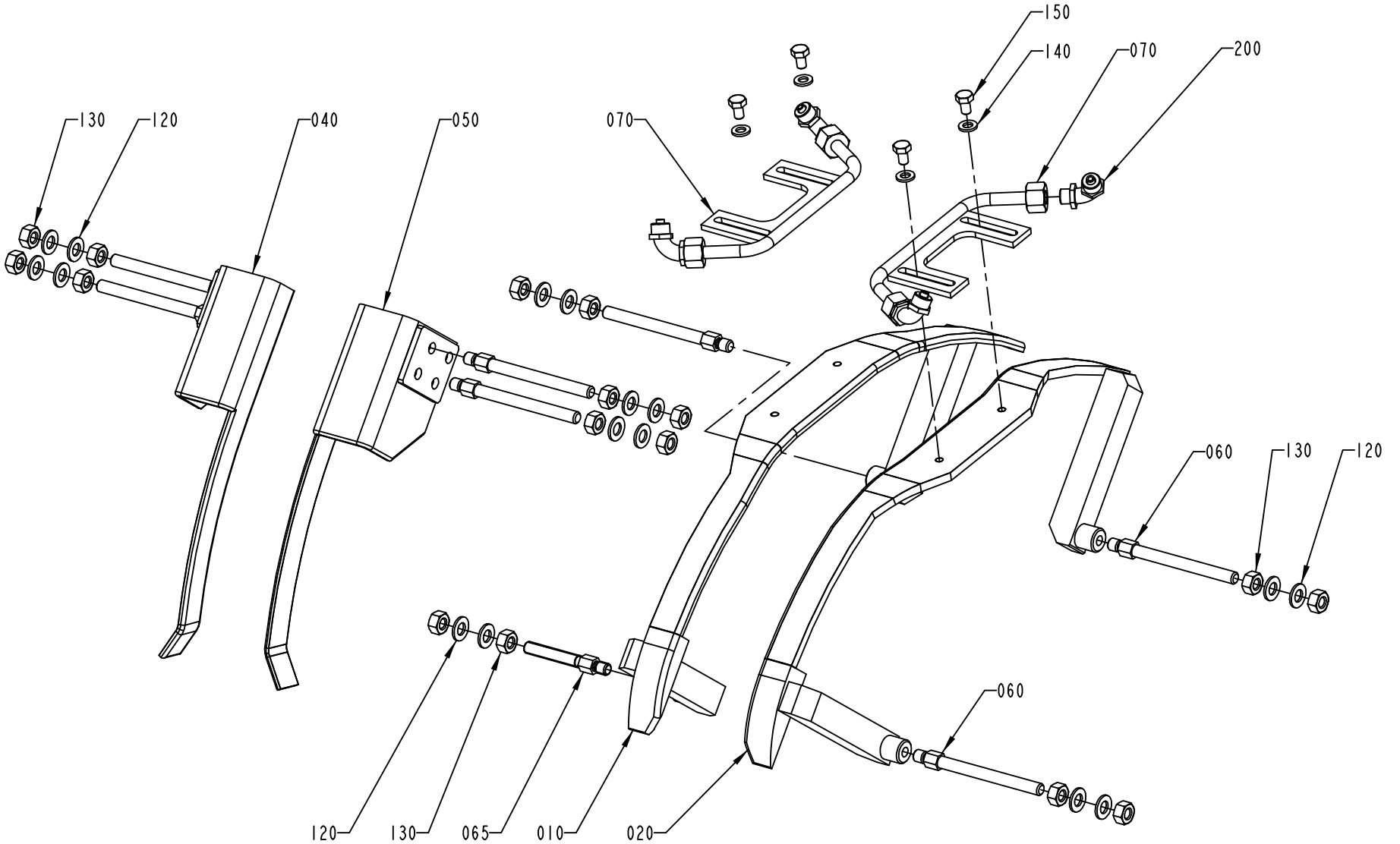
1558940-1
ECN 95038

ECM: 133850 - 20030611
Group number: 1558940-0100
Assembly Drawing: 1558940-1_1_AA

This list covers pages from 680 to 691

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0500SQ SMILE (See drawing on page: 684)						
010	2529910-0000	A		1	FOLDING BAR	
020	2529909-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1499150-0000	-		1	RAIL	
050	1499151-0000	-		1	RAIL	
060	2530201-0000	-		2	SPACER SCREW	
080	1549508-0000	-		4	SPACER SCREW	
090	1558910-0000	-		2	SPACER	
090	1549506-0000	-		2	SPACER	
100	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
110	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	
120	315105-0165	-		14	WASHER BRB8,4X16RFR	
130	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
160	312155-0459	-		2	SCREW EN 10642 MF6S M8X40 A480	
170	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
180	312105-0467	-		2	SCREW M6S ISO 4014 M8X80 A480	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
TPA 1000S (See drawing on page: 684)						
010	1296965-0000	A		1	FOLDING BAR	
020	1347637-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1317042-0000	-		1	RAIL	
050	1317047-0000	-		1	RAIL	
060	1511527-0000	-		2	SPACER SCREW	
080	1334438-0000	-		4	SPACER	
090	1317088-0000	-		2	SPACER	
110	312109-0461	-		4	SCREW M6S ISO 4017 M8X50 A480	
120	315105-0165	-		14	WASHER BRB8,4X16RFR	
130	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
160	312155-0459	-		2	SCREW EN 10642 MF6S M8X40 A480	
170	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
180	312105-0465	-		2	SCREW M6S ISO 4014 M8X70 A480	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
TPA 1000SQ (See drawing on page: 688)						
010	1548527-0000	A		1	FOLDING BAR	
020	1548528-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1499150-0000	-		1	RAIL	
050	1499151-0000	-		1	RAIL	
060	1523927-0000	-		2	SPACER SCREW	
080	1519355-0000	-		4	SPACER	
090	1523926-0000	-		2	SPACER	
100	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
110	312105-0462	-		4	SCREW M6S ISO 4014 M8X55 A480	
120	315105-0165	-		20	WASHER BRB8,4X16RFR	
130	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
160	312155-0459	-		2	SCREW EN 10642 MF6S M8X40 A480	
170	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
180	312105-0467	-		2	SCREW M6S ISO 4014 M8X80 A480	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
210	1538890-0000	-		1	RAIL	
220	1538891-0000	-		1	RAIL	
230	1519355-0000	-		4	SPACER	
240	1538186-0000	-		2	BRACKET	
250	312105-0462	-		4	SCREW M6S ISO 4014 M8X55 A480	
260	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
TPA 1000SQ SMILE (See drawing on page: 688)						
010	2553347-0000	A		1	FOLDING BAR	
020	2553348-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1499150-0000	-		1	RAIL	
050	1499151-0000	-		1	RAIL	
060	1523927-0000	-		2	SPACER SCREW	
080	1519355-0000	-		4	SPACER	
090	1523926-0000	-		2	SPACER	
100	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
110	312105-0462	-		4	SCREW M6S ISO 4014 M8X55 A480	
120	315105-0165	-		20	WASHER BRB8,4X16RFR	
130	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
160	312155-0459	-		2	SCREW EN 10642 MF6S M8X40 A480	
170	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
180	312105-0467	-		2	SCREW M6S ISO 4014 M8X80 A480	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
210	1538890-0000	-		1	RAIL	
220	1538891-0000	-		1	RAIL	
230	1519355-0000	-		4	SPACER	
240	1538186-0000	-		2	BRACKET	
250	312105-0462	-		4	SCREW M6S ISO 4014 M8X55 A480	
260	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	

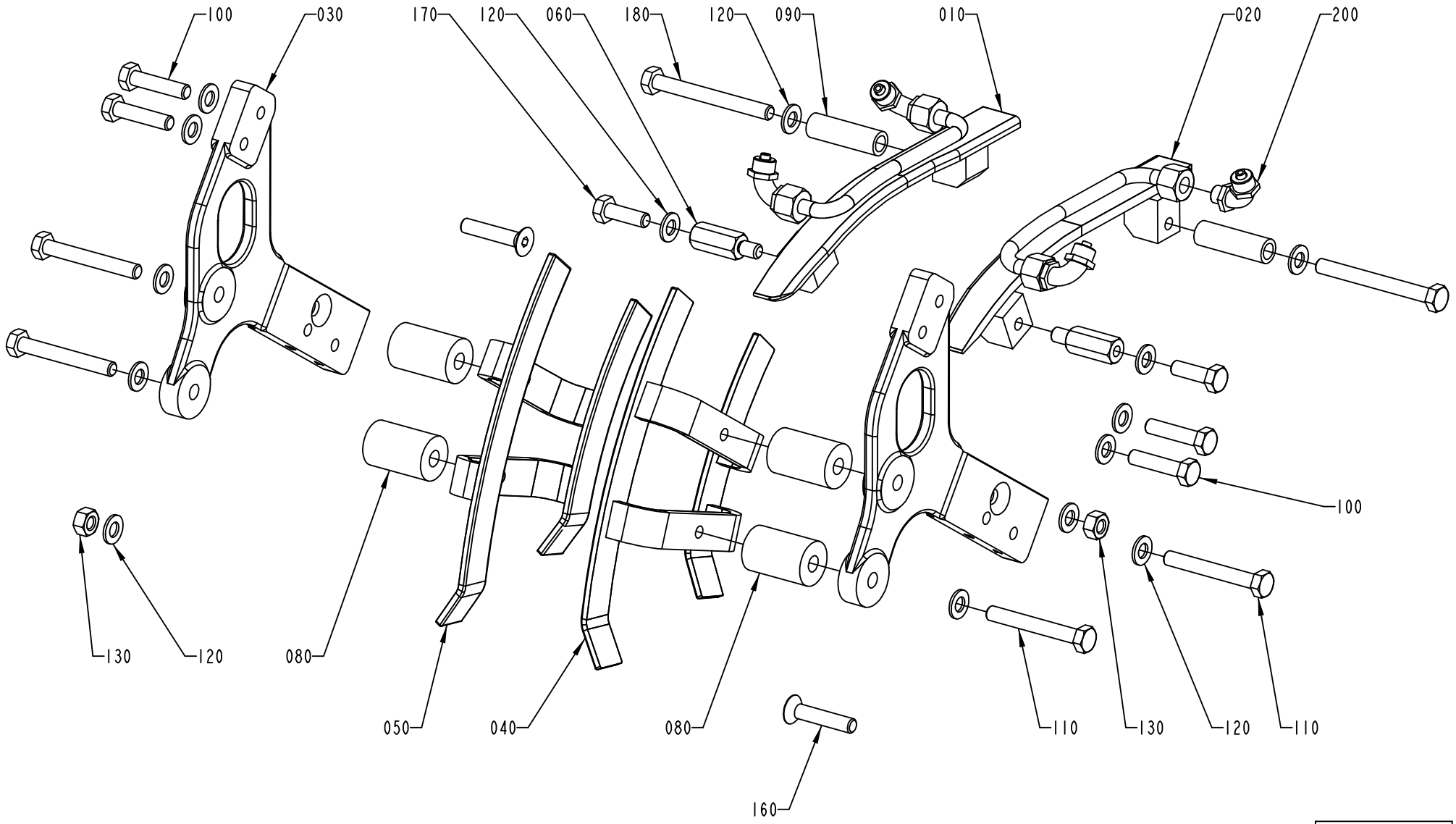


1558940-3
ECN 95038

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B (Cont'd) (See drawing on page: 682)						
010	1346149-0000	A		1	FOLDING BAR	
020	1346150-0000	A		1	FOLDING BAR	
040	1346343-0000	-		1	RAIL	
050	1346344-0000	-		1	RAIL	
060	1144555-0000	-		7	STUD SCREW	
065	1350721-0000	-		1	STUD SCREW	
070	1144990-0000	-		2	FOLDING BAR	
120	315105-0165	-		16	WASHER BRB8,4X16RFR	
130	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
140	315105-0153	-		4	WASHER BRB6,4X12RFR	
150	312105-0364	-		4	SCREW M6S ISO 4017 M6X10 A480	
200	342931-0121	-		4	ELBOW 90 COUPL.,EXT.THREAD 8/6-G1/8"	
TBA 0200S (See drawing on page: 682)						
010	1282294-0000	A		1	FOLDING BAR	
020	1282295-0000	A		1	FOLDING BAR	
040	1346343-0000	-		1	RAIL	
050	1346344-0000	-		1	RAIL	
060	1144555-0000	-		7	STUD SCREW	
065	1350721-0000	-		1	STUD SCREW	
070	1144990-0000	-		2	FOLDING BAR	
120	315105-0165	-		16	WASHER BRB8,4X16RFR	
130	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
140	315105-0153	-		4	WASHER BRB6,4X12RFR	
150	312105-0364	-		4	SCREW M6S ISO 4017 M6X10 A480	
200	342931-0121	-		4	ELBOW 90 COUPL.,EXT.THREAD 8/6-G1/8"	
TBA 0250B (See drawing on page: 682)						
010	1317217-0000	A		1	FOLDING BAR	
020	1317216-0000	A		1	FOLDING BAR	
040	1346343-0000	-		1	RAIL	
050	1346344-0000	-		1	RAIL	
060	1144555-0000	-		7	STUD SCREW	
065	1350721-0000	-		1	STUD SCREW	
070	1144990-0000	-		2	FOLDING BAR	
120	315105-0165	-		16	WASHER BRB8,4X16RFR	
130	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
140	315105-0153	-		4	WASHER BRB6,4X12RFR	
150	312105-0364	-		4	SCREW M6S ISO 4017 M6X10 A480	
200	342931-0121	-		4	ELBOW 90 COUPL.,EXT.THREAD 8/6-G1/8"	

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0250S (See drawing on page: 690)						
010	2547654-0000	A		1	FOLDING BAR	
020	2547655-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1532281-0000	-		1	RAIL	
050	1532280-0000	-		1	RAIL	
060	1144555-0000	-		6	STUD SCREW	
100	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
120	315105-0165	-		18	WASHER BRB8,4X16RFR	
130	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
140	90005-0105	-		2	WASHER PLAIN ROUND 8,4(M8)/24, H=1,5	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
TBA 0330S (See drawing on page: 690)						
010	2562875-0000	A		1	FOLDING BAR	
020	2562876-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1499150-0000	-		1	RAIL	
050	1499151-0000	-		1	RAIL	
060	1144555-0000	-		8	STUD SCREW	
100	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
120	315105-0165	-		18	WASHER BRB8,4X16RFR	
130	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
140	90005-0105	-		2	WASHER PLAIN ROUND 8,4(M8)/24, H=1,5	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
TBA 0500B (See drawing on page: 686)						
010	1539881-0000	A		1	FOLDING BAR	
020	1539882-0000	A		1	FOLDING BAR	
040	1346343-0000	-		1	RAIL	
050	1346344-0000	-		1	RAIL	
060	1558713-0000	-		2	SPACER SCREW	
080	1539873-0000	-		4	SPACER	
090	1539871-0000	-		2	SPACER	
110	312109-0461	-		4	SCREW M6S ISO 4017 M8X50 A480	
120	315105-0165	-		8	WASHER BRB8,4X16RFR	
130	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
180	312105-0464	-		2	SCREW M6S ISO 4014 M8X65 A480	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
TBA 0500S (See drawing on page: 684)						
010	1519770-0000	A		1	FOLDING BAR	

FLAP GUIDE



1558940-4
ECN 95038

ECM: 133850 - 20030611
Group number: 1558940-0100
Assembly Drawing: 1558940-4_1_AA

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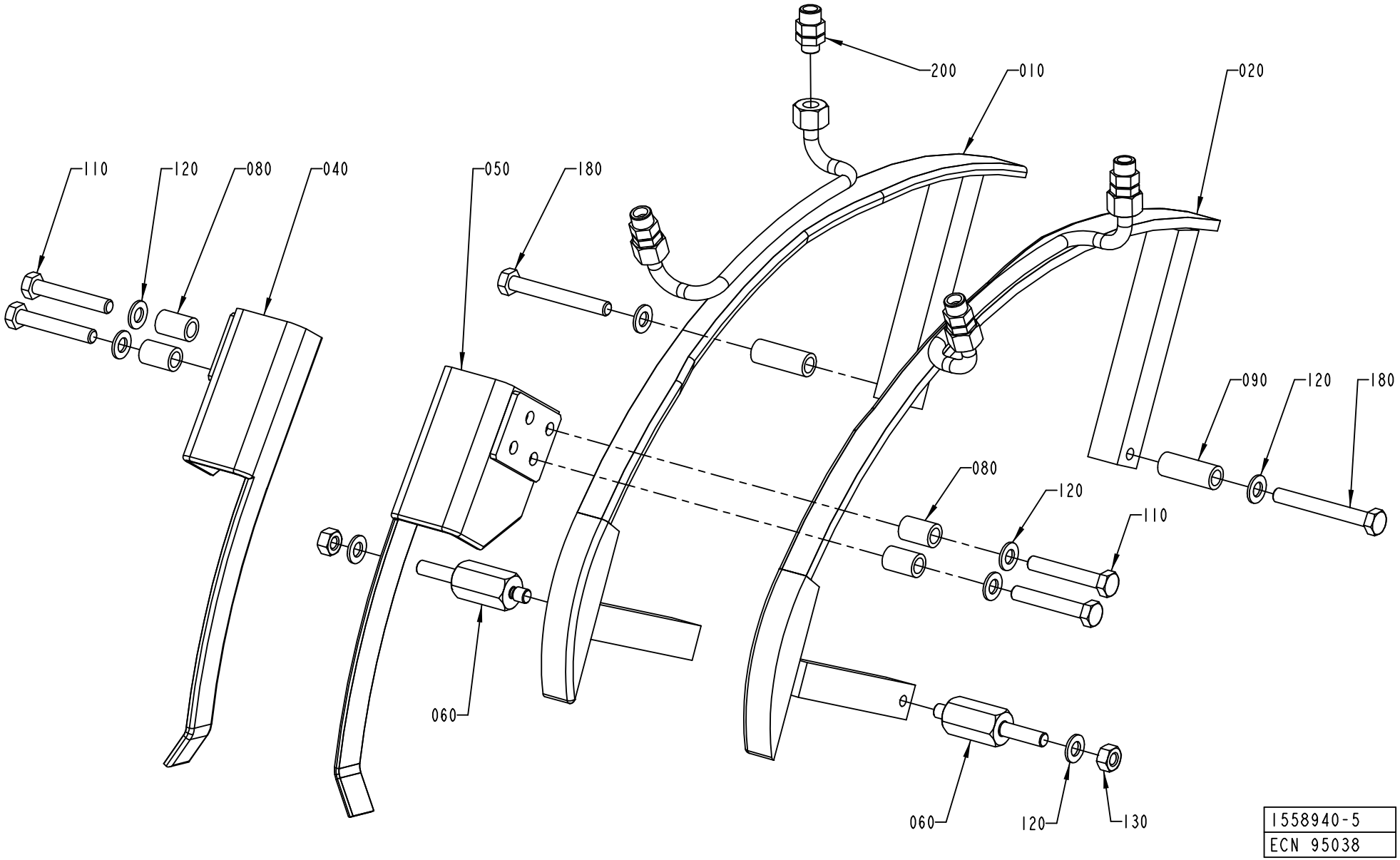
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S (Cont'd) (See drawing on page: 684)						
010	1519770-0000	A		1	FOLDING BAR	
020	1519769-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1499150-0000	-		1	RAIL	
050	1499151-0000	-		1	RAIL	
060	1499402-0000	-		2	SPACER	
080	1499072-0000	-		4	SPACER	
090	1499071-0000	-		2	SPACER	
100	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
110	312105-0463	-		4	SCREW M6S ISO 4014 M8X60 A480	
120	315105-0165	-		12	WASHER BRB8,4X16RFR	
130	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
180	312105-0466	-		2	SCREW M6S ISO 4014 M8X75 A480	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
TBA 1000B (See drawing on page: 680)						
010	1260707-0000	A		1	FOLDING BAR	
020	1260708-0000	A		1	FOLDING BAR	
050	1144719-0000	-		2	RAIL	
060	1144555-0000	-		8	STUD SCREW	
120	315105-0165	-		16	WASHER BRB8,4X16RFR	
130	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
TBA 1000S (See drawing on page: 680)						
010	1144897-0000	A		1	FOLDING BAR	
020	1144898-0000	A		1	FOLDING BAR	
050	1144719-0000	-		2	RAIL	
060	1144555-0000	-		8	STUD SCREW	
120	315105-0165	-		16	WASHER BRB8,4X16RFR	
130	312605-0318	-		16	HEXAGON NUT, M6M M8 A280	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
TBA 1000SQ (See drawing on page: 684)						
010	1498827-0000	A		1	FOLDING BAR	
020	1498828-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1317042-0000	-		1	RAIL	
050	1317047-0000	-		1	RAIL	
060	1499094-0000	-		2	SPACER SCREW	
080	1499072-0000	-		4	SPACER	
090	1499071-0000	-		2	SPACER	
100	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
110	312105-0463	-		4	SCREW M6S ISO 4014 M8X60 A480	
120	315105-0165	-		14	WASHER BRB8,4X16RFR	
130	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
160	312155-0459	-		2	SCREW EN 10642 MF6S M8X40 A480	
170	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
180	312105-0466	-		2	SCREW M6S ISO 4014 M8X75 A480	
200	342931-0121	-		4	ELBOW 90 COUPL.,EXT.THREAD 8/6-G1/8"	
TBA 1500S (See drawing on page: 684)						
010	1317653-0000	A		1	FOLDING BAR	
020	1317652-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1317042-0000	-		1	RAIL	
050	1317047-0000	-		1	RAIL	
060	1348042-0000	-		2	SPACER	
080	1334718-0000	-		4	SPACER	
090	1317088-0000	-		2	SPACER	
100	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
110	312109-0461	-		4	SCREW M6S ISO 4017 M8X50 A480	
120	315105-0165	-		12	WASHER BRB8,4X16RFR	
130	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
180	312105-0465	-		2	SCREW M6S ISO 4014 M8X70 A480	
200	342931-0121	-		4	ELBOW 90 COUPL.,EXT.THREAD 8/6-G1/8"	
TPA 0250SQ (See drawing on page: 684)						
010	1532275-0000	A		1	FOLDING BAR	
020	1532276-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1532281-0000	-		1	RAIL	
050	1532280-0000	-		1	RAIL	
060	1558889-0000	-		2	SPACER SCREW	
080	1558527-0000	-		4	SPACER	
090	1539898-0000	-		2	SPACER	
100	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
110	312105-0464	-		4	SCREW M6S ISO 4014 M8X65 A480	
120	315105-0165	-		14	WASHER BRB8,4X16RFR	
130	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
160	312155-0459	-		2	SCREW EN 10642 MF6S M8X40 A480	
170	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
180	312105-0469	-		2	SCREW M6S ISO 4014 M8X90 A480	

Machine Type | Group Description | Used-In | Group Number | Page No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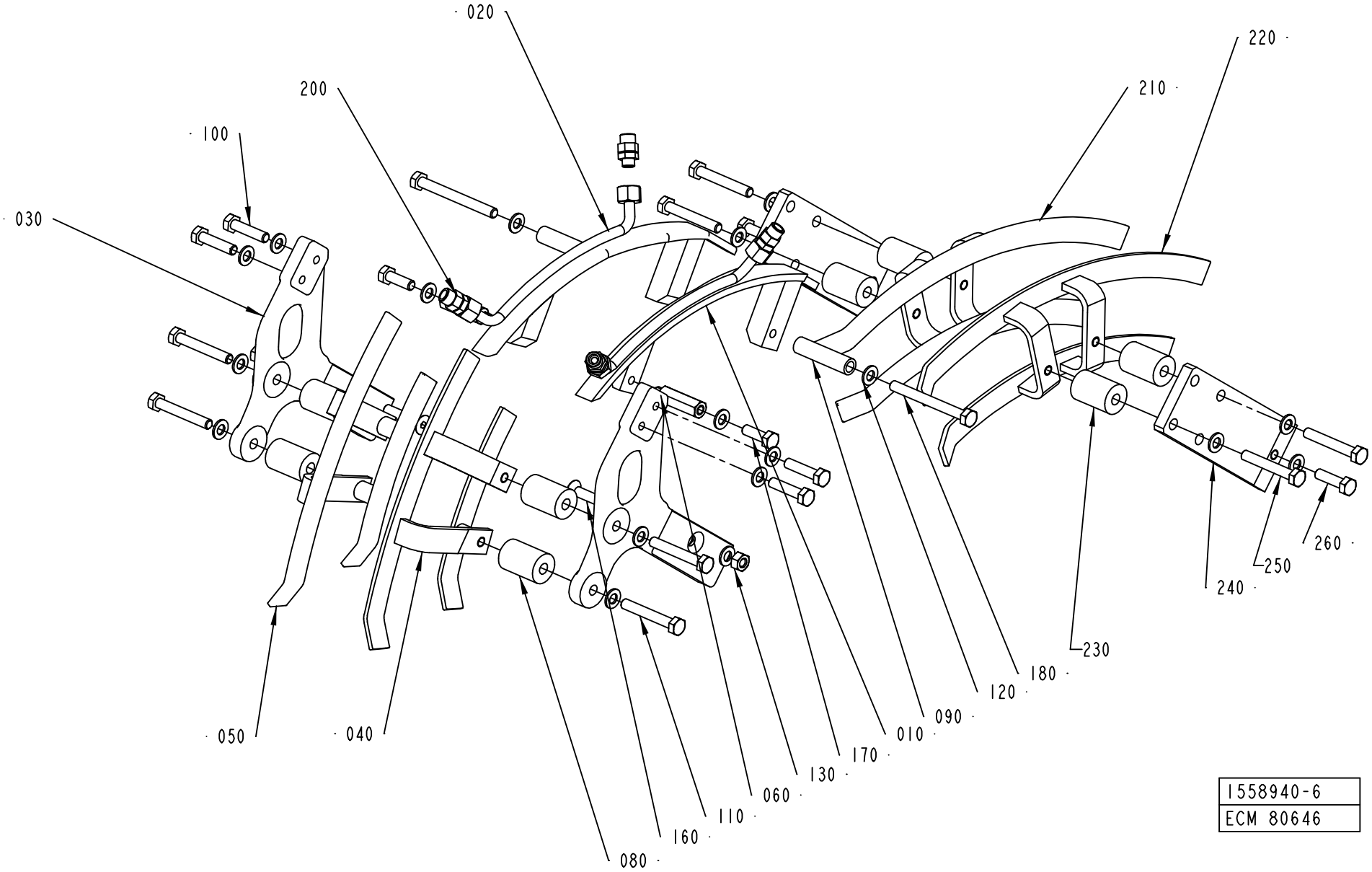
1558940-5
ECN 95038

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0250SQ (Cont'd) (See drawing on page: 684)						
170	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
180	312105-0469	-		2	SCREW M6S ISO 4014 M8X90 A480	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	
TPA 0330SQ (See drawing on page: 684)						
010	1532275-0000	A		1	FOLDING BAR	
020	1532276-0000	A		1	FOLDING BAR	
030	1317043-0000	-		2	SUPPORT	
040	1532281-0000	-		1	RAIL	
050	1532280-0000	-		1	RAIL	
060	1499094-0000	-		2	SPACER SCREW	
080	1499072-0000	-		4	SPACER	
090	1558735-0000	-		2	SPACER	
100	312109-0457	-		4	SCREW M6S ISO 4017 M8X35 A480	
110	312105-0463	-		4	SCREW M6S ISO 4014 M8X60 A480	
120	315105-0165	-		14	WASHER BRB8,4X16RFR	
130	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
160	312155-0459	-		2	SCREW EN 10642 MF6S M8X40 A480	
170	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
180	312105-0469	-		2	SCREW M6S ISO 4014 M8X90 A480	
200	342921-0121	-		4	STRAIGHT COUPLING,EXT.THREADED 8/6-G1/8"	

Pos	Part No	SP	UN	Qty	Description	Page No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1558940-6
ECM 80646

ECM: 133850 - 20030611
Group number: 1558940-0100
Assembly Drawing: 1558940-6_1_AA

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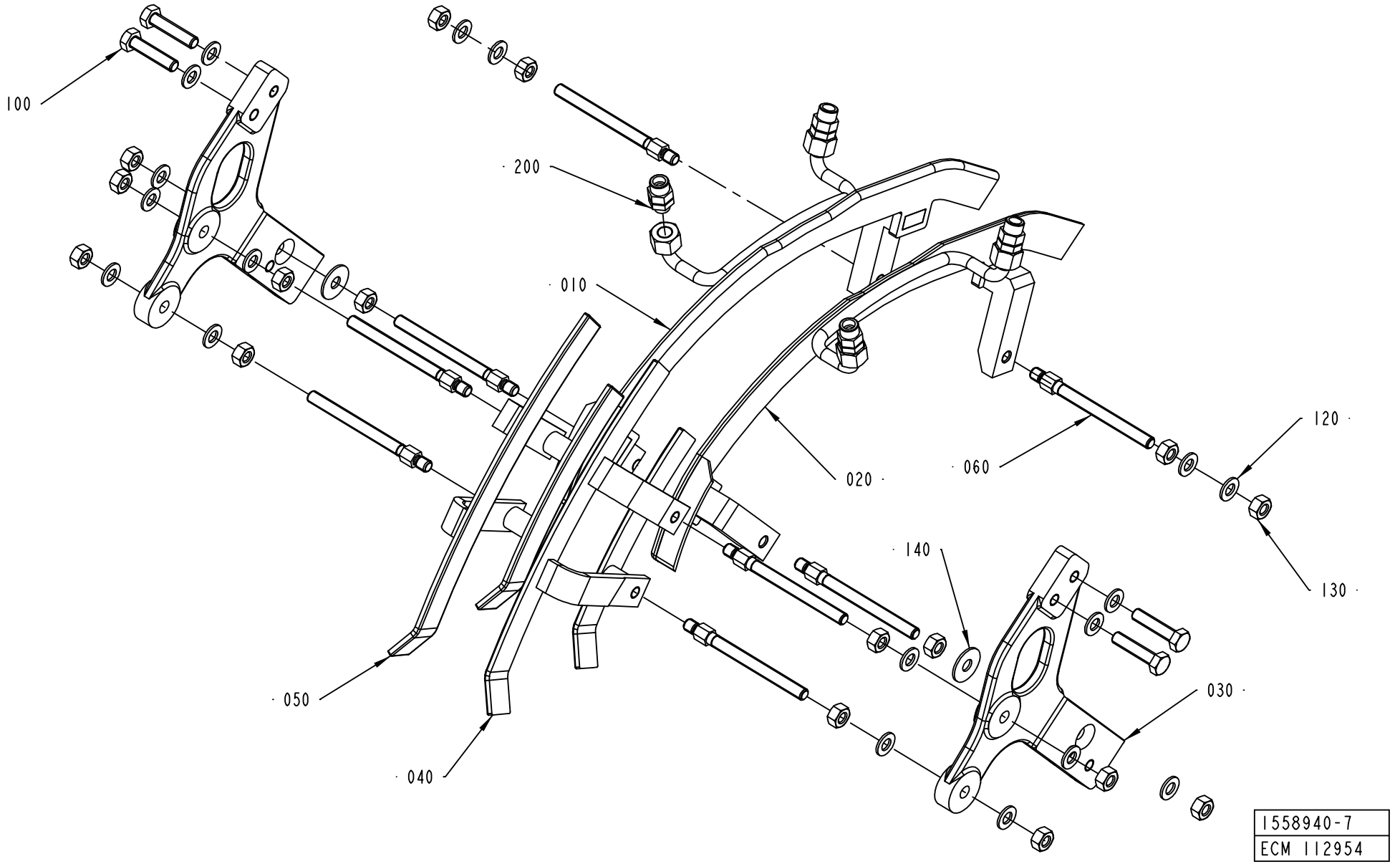
Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 681, 683, 685, 687.						

Pos	Part No	SP	UN	Qty	Description	Page No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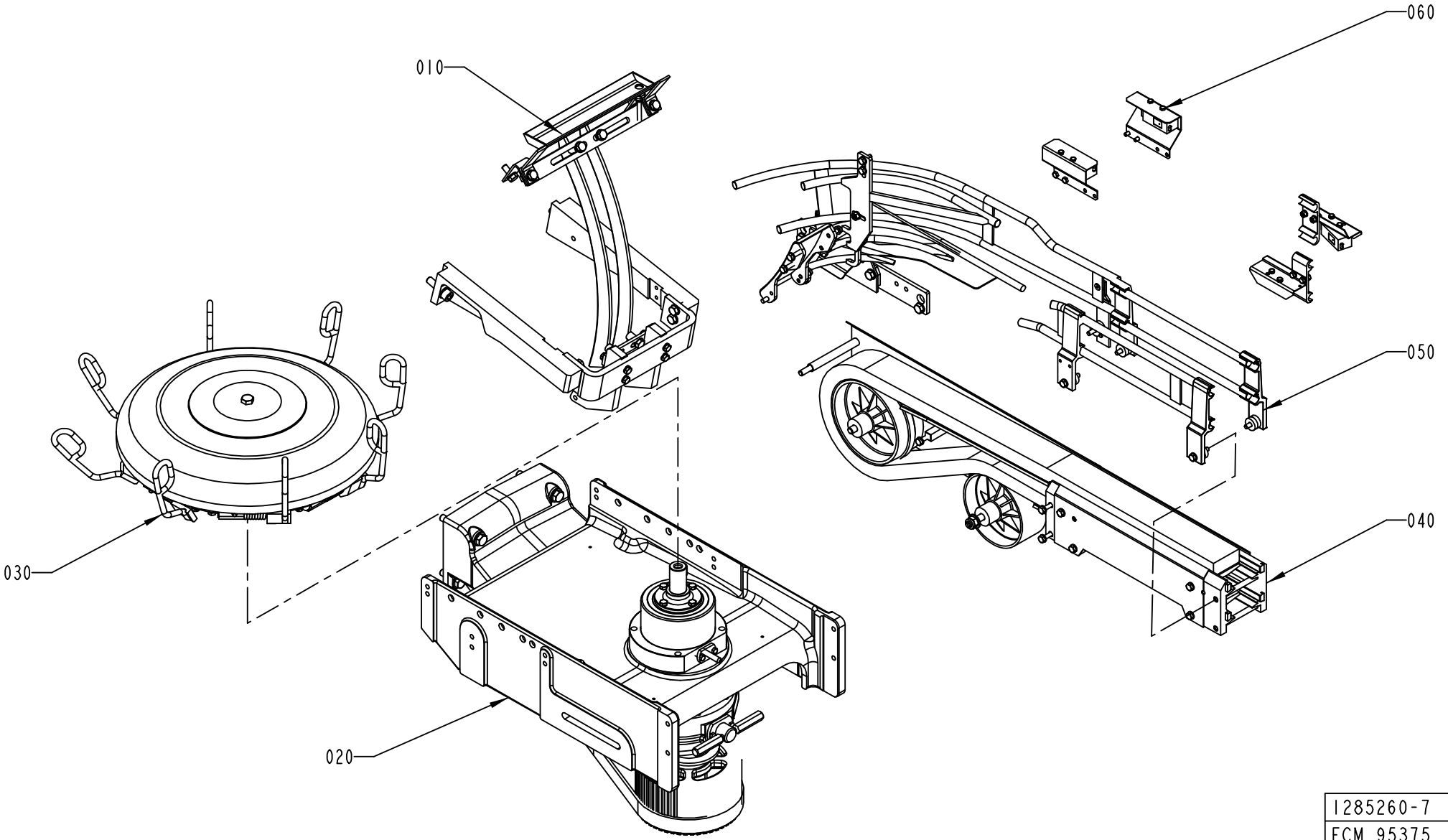
1558940-7
ECM 112954

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 681, 683, 685, 687.						

Pos	Part No	SP	UN	Qty	Description	Page No



1285260-7
ECM 95375

ECM: 100077 - 20021110
Group number: 1285260-0200
Assembly Drawing: 1285260-7_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
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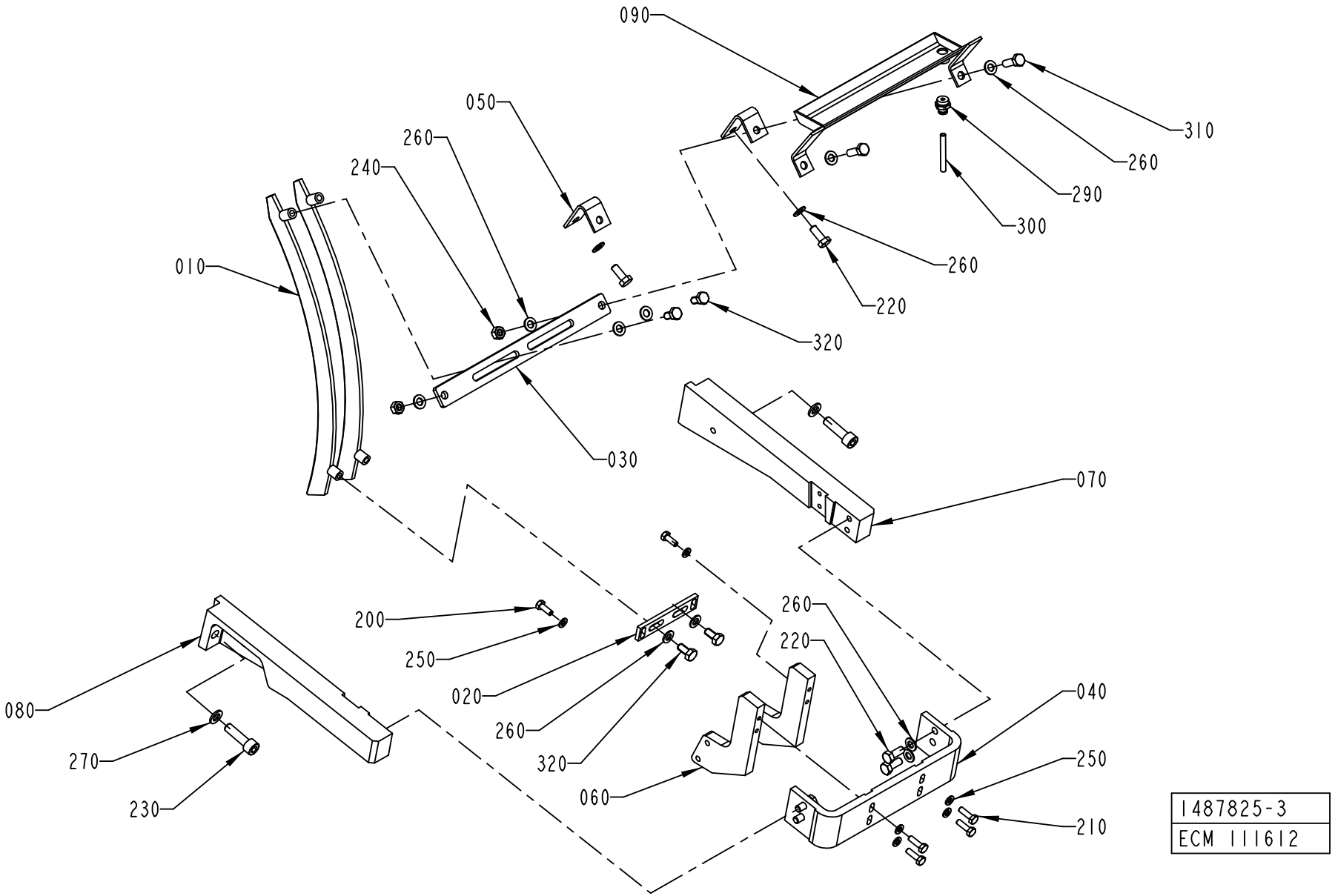
010	1487825-0200	-		1	RAIL	**695, 697**
020	1484210-0200	-		1	OUT FEED DRIVING SYSTEM	**699**
030	1487038-0200	-		1	OUTFEED WHEEL	**703, 705, 707, 709**
040	1490112-0100	-		1	OUTFEED CONVEYOR	**711, 713**
050	1361920-0300	-		1	RAIL OUTFEEED	**715, 717, 719, 721**
060	1512339-0100	-		1	PHOTOCELL OUTFEED	**723**

Pos	Part No	SP	UN	Qty	Description	Page No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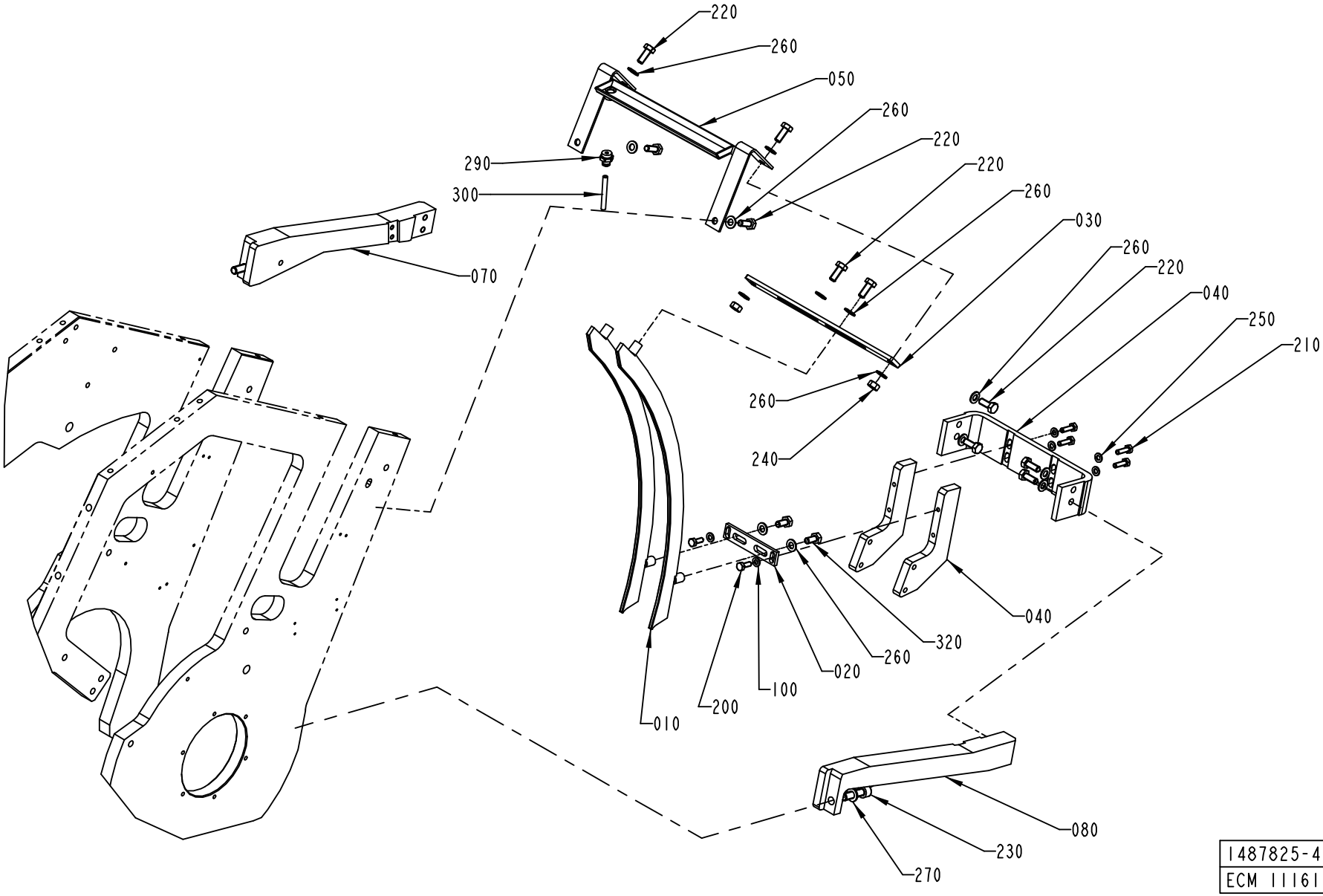
1487825-3
ECM 111612

ECM: 118988 - 20021217
Group number: 1487825-0200
Assembly Drawing: 1487825-3_1_AB

This list covers pages from 694 to 697

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ (See drawing on page: 694)						
010	1558941-0000	-		2	RAIL	
050	1144899-0000	-		2	SUPPORT	
070	2512817-0000	-		1	SUPPORTING ARM	
080	2512834-0000	-		1	SUPPORTING ARM	
090	1478127-0000	-		1	DRIP PLATE	
220	312105-0451	-		6	SCREW M6S ISO 4017 M8X20 A480	
310	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
320	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
TBA 1500S, TPA 1000SQ (See drawing on page: 696)						
010	1538963-0000	-		2	RAIL	
050	1346588-0000	-		1	DRIP PLATE	
070	1517564-0000	-		1	SUPPORTING ARM	
080	1517568-0000	-		1	SUPPORTING ARM	
220	312105-0451	-		10	SCREW M6S ISO 4017 M8X20 A480	
320	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
Common Parts						
020	1517567-0000	-		1	PLATE	
030	1144552-0000	-		1	PLATE	
040	1517563-0000	-		1	BRACKET	
060	1517302-0000	-		2	SUPPORT PLATE	
200	312105-0368	-		2	SCREW M6S M6X16 A280	
210	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
230	312115-0497	-		2	SCREW ISO4762 M10X35 A4	
240	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
250	315105-0153	-		6	WASHER BRB6,4X12RFR	
260	315105-0165	-		14	WASHER BRB8,4X16RFR	
270	315105-0171	-		2	WASHER BRB10X18	
290	342722-0203	-		1	STRAIGHT COUPLING	
300	90166-0132	-	MM	2000	TUBE 6 MM PA,TRANSP.	

Pos	Part No	SP	UN	Qty	Description	Page No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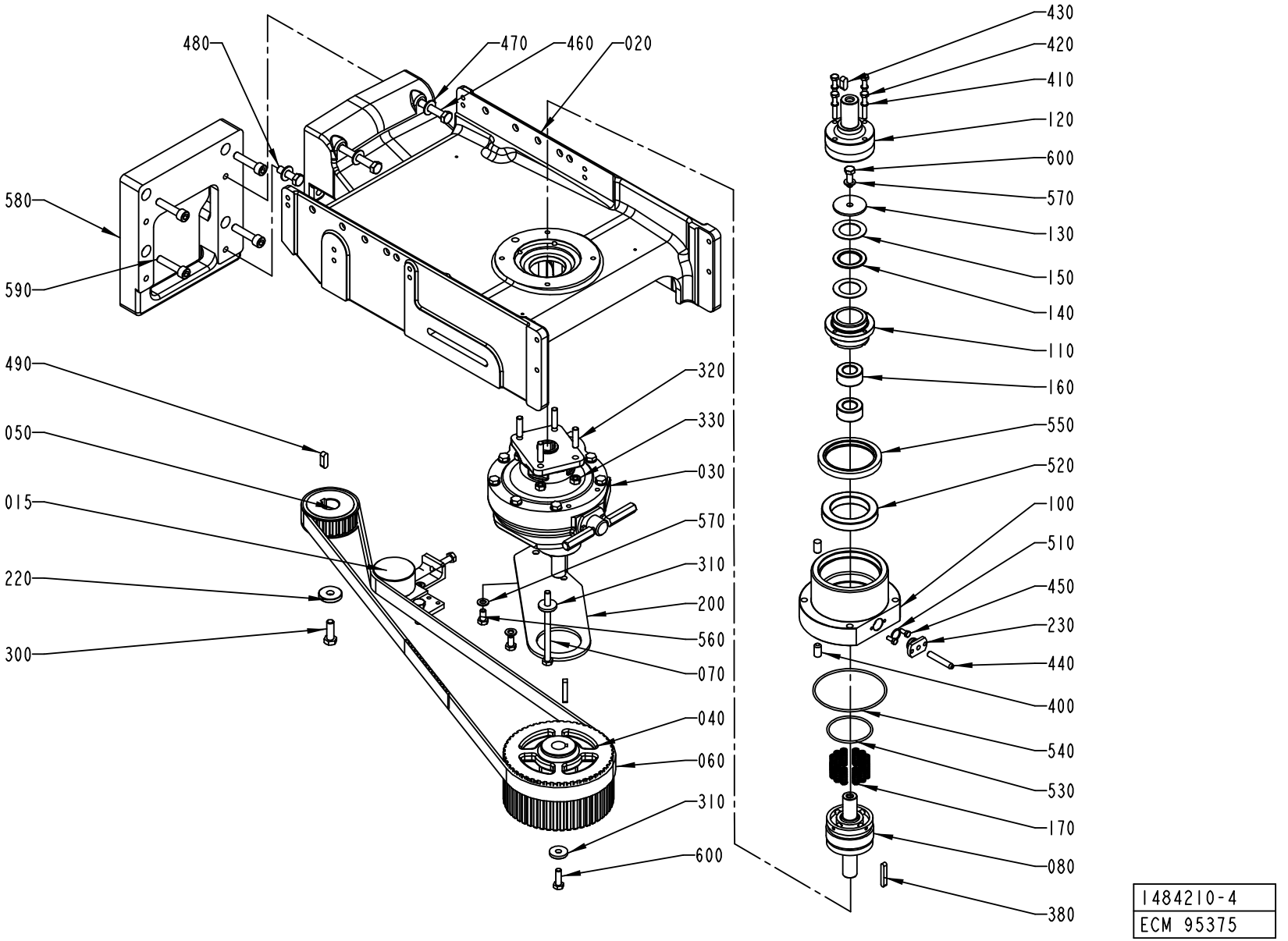
ECM 111612

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ (See drawing on page: 694)						
010	1558941-0000	-		2	RAIL	
050	1144899-0000	-		2	SUPPORT	
070	2512817-0000	-		1	SUPPORTING ARM	
080	2512834-0000	-		1	SUPPORTING ARM	
090	1478127-0000	-		1	DRIP PLATE	
220	312105-0451	-		6	SCREW M6S ISO 4017 M8X20 A480	
310	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
320	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
TBA 1500S, TPA 1000SQ (See drawing on page: 696)						
010	1538963-0000	-		2	RAIL	
050	1346588-0000	-		1	DRIP PLATE	
070	1517564-0000	-		1	SUPPORTING ARM	
080	1517568-0000	-		1	SUPPORTING ARM	
220	312105-0451	-		10	SCREW M6S ISO 4017 M8X20 A480	
320	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
Common Parts						
020	1517567-0000	-		1	PLATE	
030	1144552-0000	-		1	PLATE	
040	1517563-0000	-		1	BRACKET	
060	1517302-0000	-		2	SUPPORT PLATE	
200	312105-0368	-		2	SCREW M6S M6X16 A280	
210	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
230	312115-0497	-		2	SCREW ISO4762 M10X35 A4	
240	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
250	315105-0153	-		6	WASHER BRB6,4X12RFR	
260	315105-0165	-		14	WASHER BRB8,4X16RFR	
270	315105-0171	-		2	WASHER BRB10X18	
290	342722-0203	-		1	STRAIGHT COUPLING	
300	90166-0132	-	MM	2000	TUBE 6 MM PA,TRANSP.	

Pos	Part No	SP	UN	Qty	Description	Page No

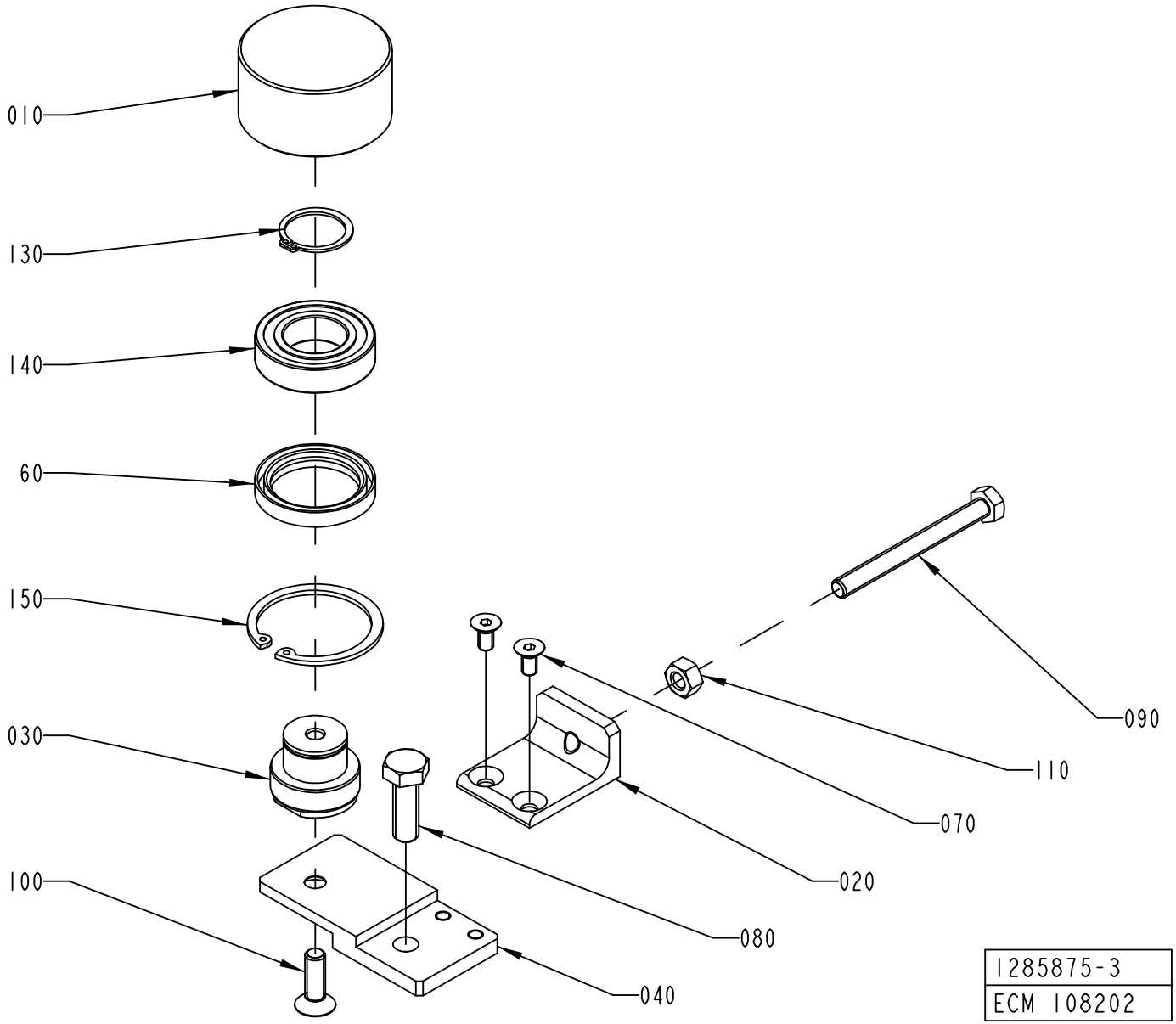


1484210-4
ECM 95375

ECM: 133797 - 20030611
Group number: 1484210-0200
Assembly Drawing: 1484210-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0250S, TBA 0200S, TPA 0250SQ, TPA 0330SQ						
040	1499064-0000	A		1	PULLEY	
060	1499059-0000	A		1	TIMING BELT	
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250B, TPA 1000S, TPA 0500SQ						
040	1498620-0000	A		1	PULLEY	
060	1498529-0000	A		1	TIMING BELT	
TBA 1500S, TPA 1000SQ						
040	1498620-0000	A		1	PULLEY	
060	1498528-0000	A		1	TIMING BELT	
580	1349160-0000	-		1	SPACER	
590	312115-0500	-		4	SCREW ISO4762 M10X45 A4	
Common Parts						
015	1285875-0200	-		1	BELT TENSIONER	**701**
020	1478908-0000	-		1	SUPPORT	
030	1490085-0000	A		1	GEAR BOX	
050	1144802-0000	A		1	PULLEY	
070	312105-0475	-		1	SCREW M6S ISO 4014 M8X120 A480	
080	1282343-0000	-		1	BLOCK	
100	1478905-0000	A		1	FLANGE	
110	1350564-0000	A		1	CLAMP HUB	
120	1478753-0000	-		1	SHAFT	
130	1260832-0000	-		1	WASHER	
140	90083-0052	A		1	THRUST NEEDLE BEARING, 30X47X2 MM	
150	90083-0053	A		2	PLATE FOR 90083-0052	
160	1484448-0000	A		2	BEARING ROLLER	
170	1282345-0000	A		12	SPRING	
200	1499043-0000	-		1	BRACKET	
220	1144681-0000	-		1	WASHER	
230	1282335-0000	A		1	FLANGE	
300	312105-0495	-		1	SCREW M6S ISO 4017 M10X30 A480	
310	315125-0165	-		2	WASHER TBRSB 8,4X26X5 A4	
320	1490442-0000	-		4	STUD SCREW 8X20	
330	312605-0318	-		4	HEXAGON NUT, M6M M8 A280	
380	315705-0239	A		2	PARALLEL KEY W. ROUND ENDS 6X6X40 MM	
400	311103-0454	-		2	PARALLELL PIN ISO2338 10X20 A1	
410	315211-0103	-		4	GASKET BOLT HEAD 6,7X10X1 MM M6	
420	312109-0378	-		4	SCREW M6S ISO4017 M6X40 A480	
430	315705-0263	A		1	PARALLEL KEY W. ROUND ENDS 8X7X20 MM	
440	90044-0117	A		1	PROX.SW. IX 0208	
450	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
460	312105-0507	-		2	SCREW M6S ISO 4014 M10X80 A480	
470	315105-0173	-		4	WASHER BRB10,5X22RFR	
480	312115-0497	-		2	SCREW ISO4762 M10X35 A4	
490	315705-0265	-		1	PARALLEL KEY W. ROUND ENDS 8X7X25 MM	
510	315202-0113	A		1	O-RING 15,1X1,6 MM	
520	1484447-0000	A		1	BALL BEARING	
530	315202-0303	A		1	O-RING 59,5X3 MM	
540	315202-0311	A		1	O-RING 99,5X3 MM	
550	90091-0416	A		1	RADIAL SEAL 70X90X10 MM DUST LIP	
560	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
570	315105-0165	-		3	WASHER BRB8,4X16RFR	
600	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	

Machine Type | Group Description | Used-In | Group Number | Page No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1285875-3
ECM 108202

ECM: 91166 - 20021110
Group number: 1285875-0200
Assembly Drawing: 1285875-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
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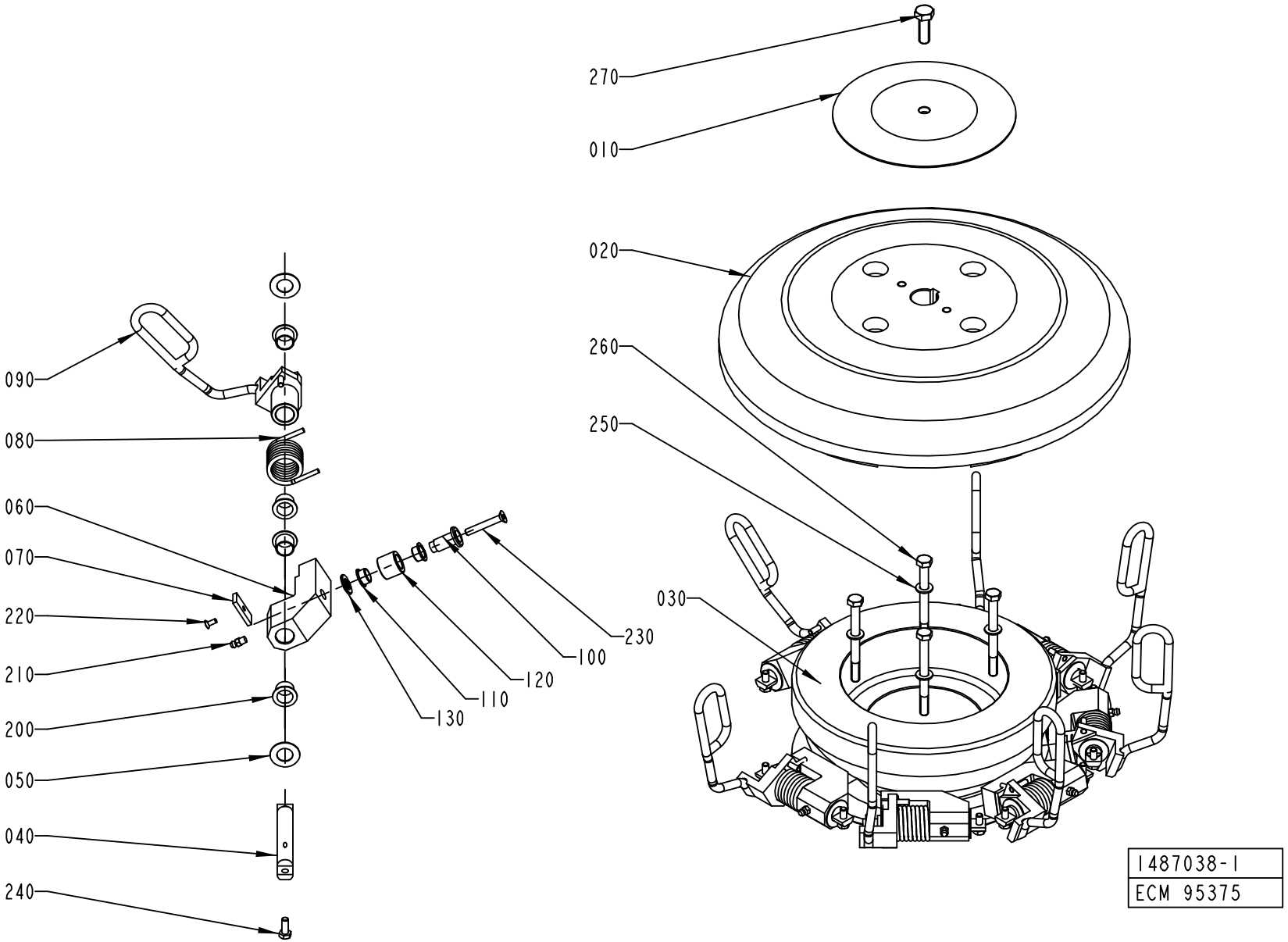
010	1144581-0000	A		1	ROLLER	
020	1498064-0000	-		1	BLOCK	
030	1478302-0000	A		1	AXLE BOLT	
040	1498067-0000	-		1	PLATE	
060	1350305-0000	A		1	SEALING RING	
070	312155-0366	-		2	SCREW EN 10642 MF6S M6X12 A480	
080	312105-0495	-		1	SCREW M6S ISO 4017 M10X30 A480	
090	1498066-0000	-		1	SCREW	
100	312155-0453	-		1	SCREW EN 10642 MF6S M8X25 A480	
110	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
130	315751-0119	A		1	RETAIN. RING, 25	
140	321308-0205	A		1	BALL BEARING, 25X47X12MM	
150	90141-0019	A		1	RETAIN. RING, 50	

Pos	Part No	SP	UN	Qty	Description	Page No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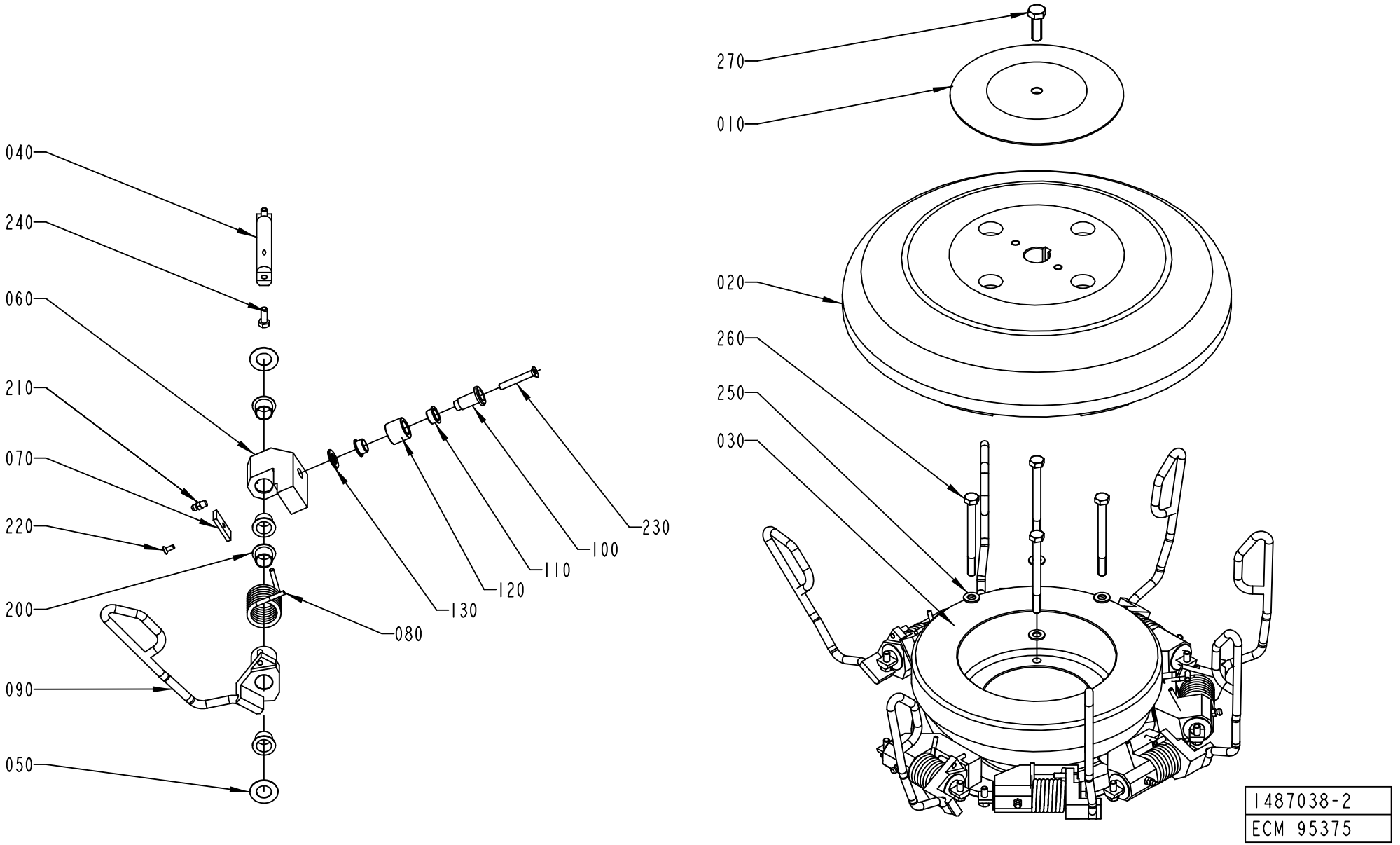
1487038-1
ECM 95375

ECM: 124632 - 20030107
Group number: 1487038-0200
Assembly Drawing: 1487038-1_1_AB

This list covers pages from 702 to 709

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0250B (See drawing on page: 704)						
020	1484289-0000	-		1	HATCH	
030	1478228-0000	A		1	CAM	
040	1348540-0000	A		8	PIVOT AXLE	
050	1260852-0000	A		16	WASHER	
060	1348538-0000	A		8	LEVER	
070	1348631-0000	-		8	PLATE	
080	1282864-0000	A		8	SPRING	
090	1532516-0000	A		8	CARRIER	
100	1260851-0000	A		8	AXLE PIN	
110	1144662-0000	A		16	BUSHING	
120	1260853-0000	A		8	RING	
130	1285254-0000	A		8	WASHER	
200	90240-0263	A		32	FLANGE BUSHING, 15X17X12 MM	
210	344502-0021	-		8	GREASE NIPPLE STRAIGHT M6	
220	312155-0289	-		8	SCREW EN 10642 MF6S M4X10 A480	
230	312155-0378	-		8	SCREW EN 10642 MF6S M6X40 A480	
240	312105-0368	-		16	SCREW M6S M6X16 A280	
TBA 0250S, TBA 0200S (See drawing on page: 706)						
020	1478925-0000	-		1	HATCH	
030	2540593-0000	A		1	CAM	
040	1350543-0000	A		12	AXLE PIN	
050	1260852-0000	A		24	WASHER	
060	2556526-0000	A		12	LEVER	
080	1349985-0000	A		12	SPRING	
090	2563274-0000	A		12	CARRIER	
	2550238-0000	-		*1*	*CARRIER*	
100	1260851-0000	A		12	AXLE PIN	
110	1144662-0000	A		24	BUSHING	
120	1260853-0000	A		12	RING	
130	1285254-0000	A		12	WASHER	
200	90240-0263	A		24	FLANGE BUSHING, 15X17X12 MM	
210	344502-0021	-		12	GREASE NIPPLE STRAIGHT M6	
230	312155-0378	-		12	SCREW EN 10642 MF6S M6X40 A480	
240	312105-0368	-		12	SCREW M6S M6X16 A280	
280	2545245-0000	A		12	BUSHING	
290	90240-0258	A		12	BUSHING, 15X17X15 MM	
TBA 0330S (See drawing on page: 708)						
020	2532580-0000	-		1	HATCH	
030	2540593-0000	A		1	CAM	
040	1350543-0000	A		8	AXLE PIN	
050	1260852-0000	A		16	WASHER	
060	2556526-0000	A		8	LEVER	
080	1349985-0000	A		8	SPRING	
090	2563274-0000	A		8	CARRIER	
	2550238-0000	-		*1*	*CARRIER*	
100	1260851-0000	A		8	AXLE PIN	
110	1144662-0000	A		16	BUSHING	
120	1260853-0000	A		8	RING	
130	1285254-0000	A		8	WASHER	
200	90240-0263	A		16	FLANGE BUSHING, 15X17X12 MM	
210	344502-0021	-		8	GREASE NIPPLE STRAIGHT M6	
230	312155-0378	-		8	SCREW EN 10642 MF6S M6X40 A480	
240	312105-0368	-		16	SCREW M6S M6X16 A280	
280	2545245-0000	A		8	BUSHING	
290	90240-0258	A		8	BUSHING, 15X17X15 MM	
TBA 0500S, TBA 0500B, TBA 1000S, TBA 1000B (See drawing on page: 704)						
020	1484289-0000	-		1	HATCH	
030	1478228-0000	A		1	CAM	
040	1348540-0000	A		8	PIVOT AXLE	
050	1260852-0000	A		16	WASHER	
060	1348538-0000	A		8	LEVER	
070	1348631-0000	-		8	PLATE	
080	1282864-0000	A		8	SPRING	
090	1511225-0000	A		8	CARRIER	
100	1260851-0000	A		8	AXLE PIN	
110	1144662-0000	A		16	BUSHING	
120	1260853-0000	A		8	RING	
130	1285254-0000	A		8	WASHER	
200	90240-0263	A		32	FLANGE BUSHING, 15X17X12 MM	
210	344502-0021	-		8	GREASE NIPPLE STRAIGHT M6	
220	312155-0289	-		8	SCREW EN 10642 MF6S M4X10 A480	
230	312155-0378	-		8	SCREW EN 10642 MF6S M6X40 A480	
240	312105-0368	-		16	SCREW M6S M6X16 A280	
TBA 1000SQ, TPA 1000S (See drawing on page: 702)						
020	1484289-0000	-		1	HATCH	
030	1478228-0000	A		1	CAM	
040	1348540-0000	A		8	PIVOT AXLE	
050	1260852-0000	A		16	WASHER	
060	1348538-0000	A		8	LEVER	

Machine Type | Group Description | Used-In | Group Number | Page No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1487038-2
ECM 95375

ECM: 124632 - 20030107
Group number: 1487038-0200
Assembly Drawing: 1487038-2_1_AB

This list covers pages from 702 to 709

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000SQ, TPA 1000S (Cont'd) (See drawing on page: 702)						
070	1348631-0000	-		8	PLATE	
080	1296176-0000	A		8	SPRING	
090	1478227-0000	A		8	CARRIER	
100	1260851-0000	A		8	AXLE PIN	
110	1144662-0000	A		16	BUSHING	
120	1260853-0000	A		8	RING	
130	1285254-0000	A		8	WASHER	
200	90240-0263	A		32	FLANGE BUSHING, 15X17X12 MM	
210	344502-0021	-		8	GREASE NIPPLE STRAIGHT M6	
220	312155-0289	-		8	SCREW EN 10642 MF6S M4X10 A480	
230	312155-0378	-		8	SCREW EN 10642 MF6S M6X40 A480	
240	312105-0368	-		16	SCREW M6S M6X16 A280	
TBA 1500S (See drawing on page: 704)						
020	1484289-0000	-		1	HATCH	
030	1478228-0000	A		1	CAM	
040	1348540-0000	A		8	PIVOT AXLE	
050	1260852-0000	A		16	WASHER	
060	1348538-0000	A		8	LEVER	
070	1348631-0000	-		8	PLATE	
080	1282864-0000	A		8	SPRING	
090	1487159-0000	A		8	CARRIER	
100	1260851-0000	A		8	AXLE PIN	
110	1144662-0000	A		16	BUSHING	
120	1260853-0000	A		8	RING	
130	1285254-0000	A		8	WASHER	
200	90240-0263	A		32	FLANGE BUSHING, 15X17X12 MM	
210	344502-0021	-		8	GREASE NIPPLE STRAIGHT M6	
220	312155-0289	-		8	SCREW EN 10642 MF6S M4X10 A480	
230	312155-0378	-		8	SCREW EN 10642 MF6S M6X40 A480	
240	312105-0368	-		16	SCREW M6S M6X16 A280	
TPA 0250SQ (See drawing on page: 706)						
020	1478925-0000	-		1	HATCH	
030	2540594-0000	A		1	CAM	
040	1350543-0000	A		12	AXLE PIN	
050	1260852-0000	A		24	WASHER	
060	2556525-0000	A		12	LEVER	
080	1549615-0000	A		12	SPRING	
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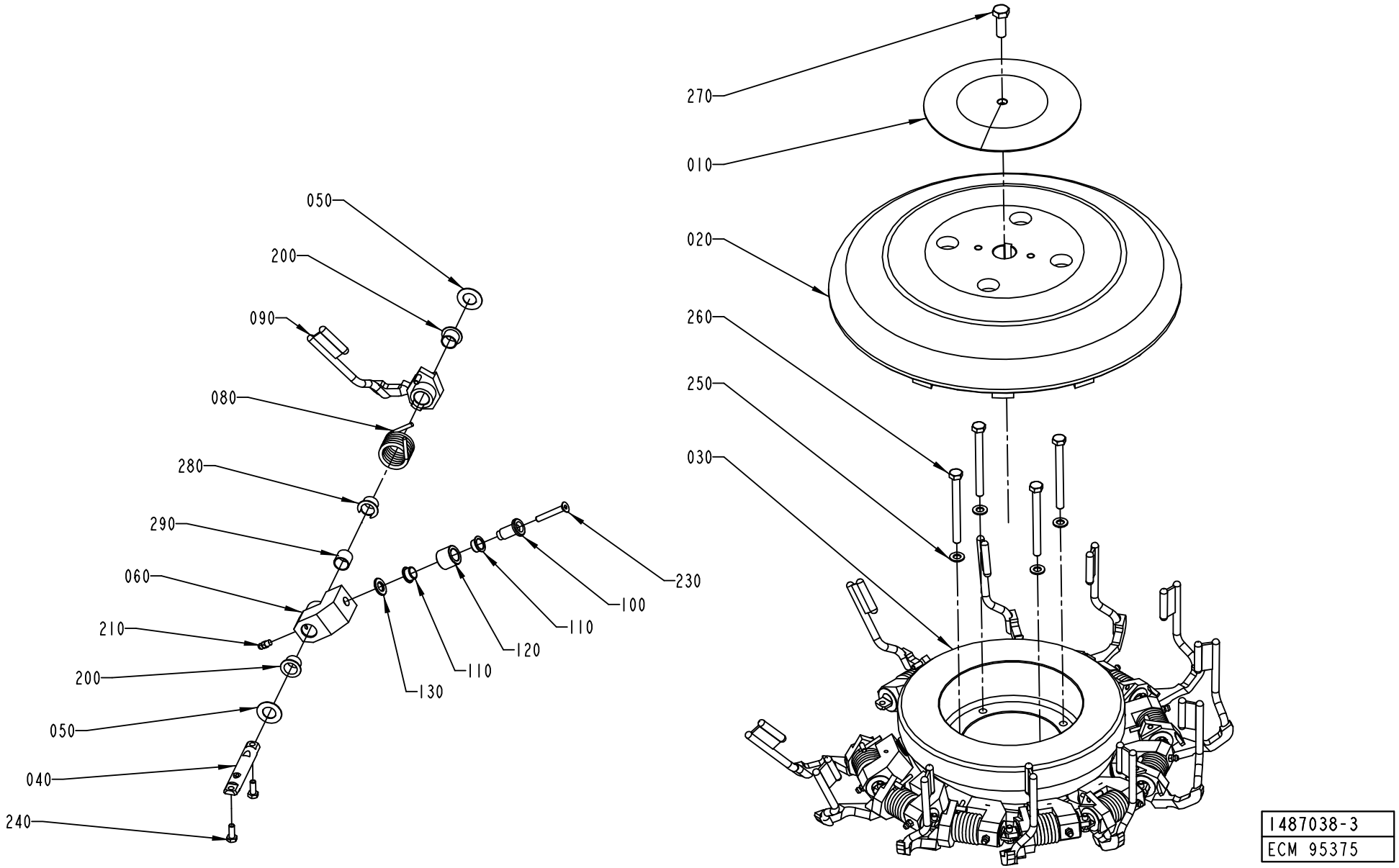
100	1260851-0000	A		12	AXLE PIN	
110	1144662-0000	A		24	BUSHING	
120	1260853-0000	A		12	RING	
130	1285254-0000	A		12	WASHER	
200	90240-0263	A		24	FLANGE BUSHING, 15X17X12 MM	
210	344502-0021	-		12	GREASE NIPPLE STRAIGHT M6	
230	312155-0378	-		12	SCREW EN 10642 MF6S M6X40 A480	
240	312105-0368	-		12	SCREW M6S M6X16 A280	
280	2545245-0000	A		12	BUSHING	
290	90240-0258	A		12	BUSHING, 15X17X15 MM	
TPA 0330SQ (See drawing on page: 706)						
020	1478925-0000	-		1	HATCH	
030	1478228-0000	A		1	CAM	
040	1350543-0000	A		12	AXLE PIN	
050	1260852-0000	A		24	WASHER	
060	2556525-0000	A		12	LEVER	
080	1549615-0000	A		12	SPRING	
090	2545382-0000	A		12	CARRIER	
100	1260851-0000	A		12	AXLE PIN	
110	1144662-0000	A		24	BUSHING	
120	1260853-0000	A		12	RING	
130	1285254-0000	A		12	WASHER	
200	90240-0263	A		24	FLANGE BUSHING, 15X17X12 MM	
210	344502-0021	-		12	GREASE NIPPLE STRAIGHT M6	
230	312155-0378	-		12	SCREW EN 10642 MF6S M6X40 A480	
240	312105-0368	-		12	SCREW M6S M6X16 A280	
280	2545245-0000	A		12	BUSHING	
290	90240-0258	A		12	BUSHING, 15X17X15 MM	
TPA 0500SQ (See drawing on page: 708)						
020	2532580-0000	-		1	HATCH	
030	2540594-0000	A		1	CAM	
040	1350543-0000	A		8	AXLE PIN	
050	1260852-0000	A		16	WASHER	
060	2556525-0000	A		8	LEVER	
080	1549615-0000	A		8	SPRING	
090	2529664-0000	A		8	CARRIER	
	2550237-0000	-		*1*	*CARRIER*	
100	1260851-0000	A		8	AXLE PIN	
110	1144662-0000	A		16	BUSHING	
120	1260853-0000	A		8	RING	

Machine Type | Group Description | Used-In | Group Number | Page No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1487038-3
ECM 95375

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0500SQ (Cont'd) (See drawing on page: 708)						
130	1285254-0000	A		8	WASHER	
200	90240-0263	A		16	FLANGE BUSHING, 15X17X12 MM	
210	344502-0021	-		8	GREASE NIPPLE STRAIGHT M6	
230	312155-0378	-		8	SCREW EN 10642 MF6S M6X40 A480	
240	312105-0368	-		16	SCREW M6S M6X16 A280	
280	2545245-0000	A		8	BUSHING	
290	90240-0258	A		8	BUSHING, 15X17X15 MM	
TPA 1000SQ (See drawing on page: 708)						
020	2532580-0000	-		1	HATCH	
030	2540594-0000	A		1	CAM	
040	1350543-0000	A		8	AXLE PIN	
050	1260852-0000	A		16	WASHER	
060	2556525-0000	A		8	LEVER	
080	1549615-0000	A		8	SPRING	
090	2543231-0000	A		8	CARRIER	
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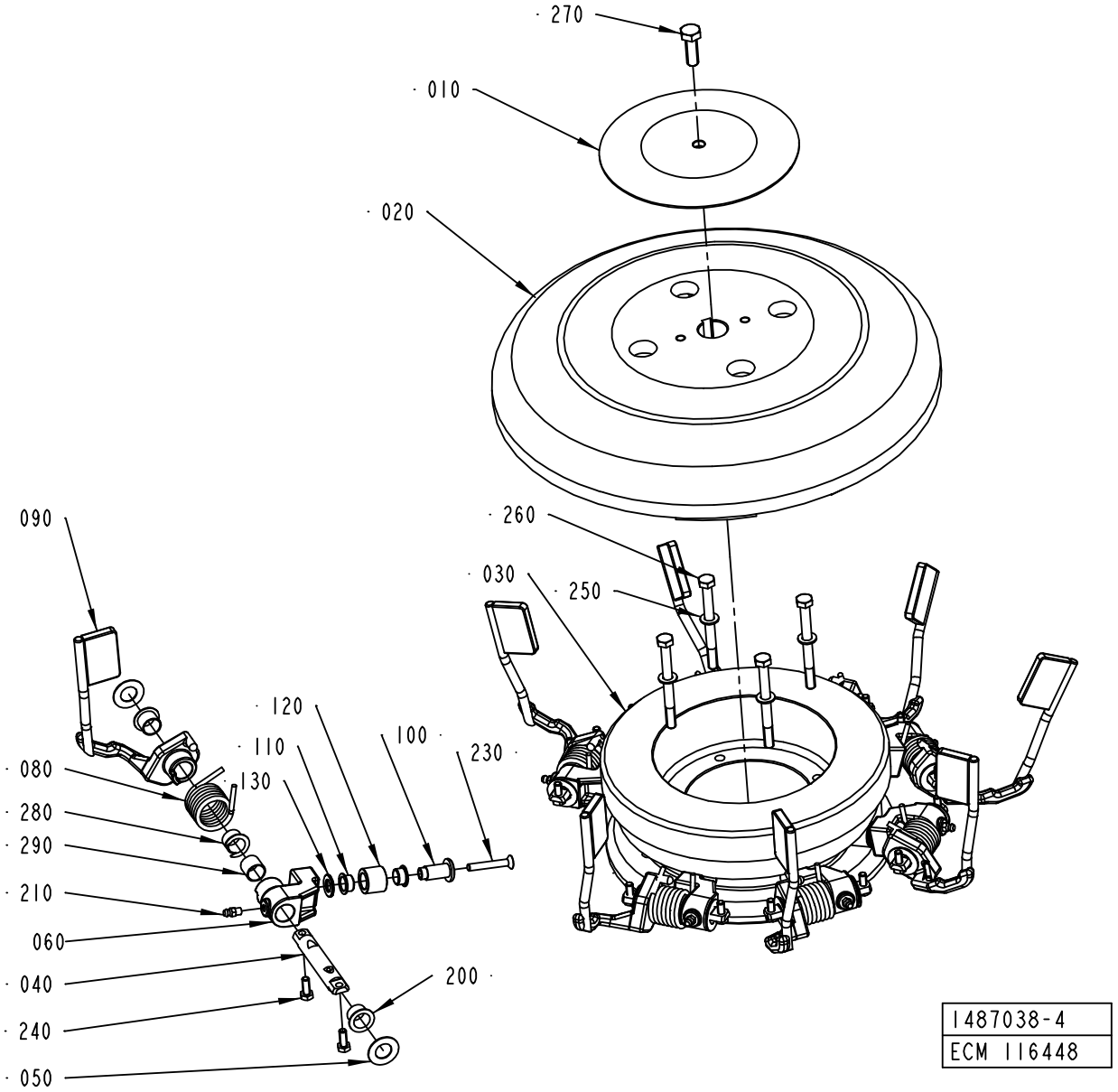
100	1260851-0000	A		8	AXLE PIN	
110	1144662-0000	A		16	BUSHING	
120	1260853-0000	A		8	RING	
130	1285254-0000	A		8	WASHER	
200	90240-0263	A		16	FLANGE BUSHING, 15X17X12 MM	
210	344502-0021	-		8	GREASE NIPPLE STRAIGHT M6	
230	312155-0378	-		8	SCREW EN 10642 MF6S M6X40 A480	
240	312105-0368	-		16	SCREW M6S M6X16 A280	
280	2545245-0000	A		8	BUSHING	
290	90240-0258	A		8	BUSHING, 15X17X15 MM	
Common Parts						
010	1478558-0000	-		1	WASHER	
250	315105-0165	-		4	WASHER BRB8,4X16RFR	
260	312105-0469	-		4	SCREW M6S ISO 4014 M8X90 A480	
270	312105-0495	-		1	SCREW M6S ISO 4017 M10X30 A480	

Pos	Part No	SP	UN	Qty	Description	Page No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1487038-4
ECM 116448

ECM: 124632 - 20030107
Group number: 1487038-0200
Assembly Drawing: 1487038-4_1_AA

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Pos	Part No	SP	UN	Qty	Description	Page No
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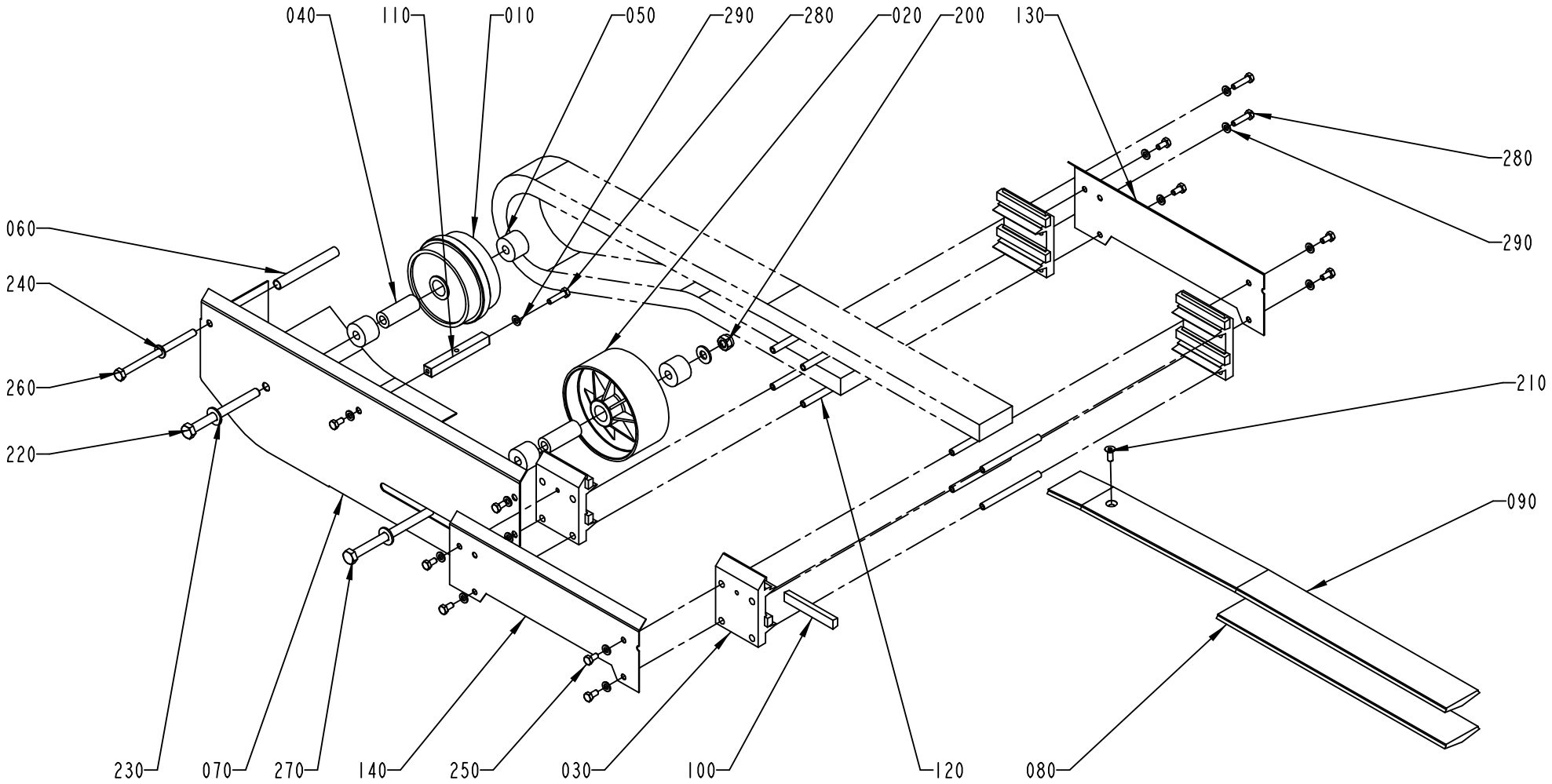
Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type	Group Description	Used-In	Group Number	Page No



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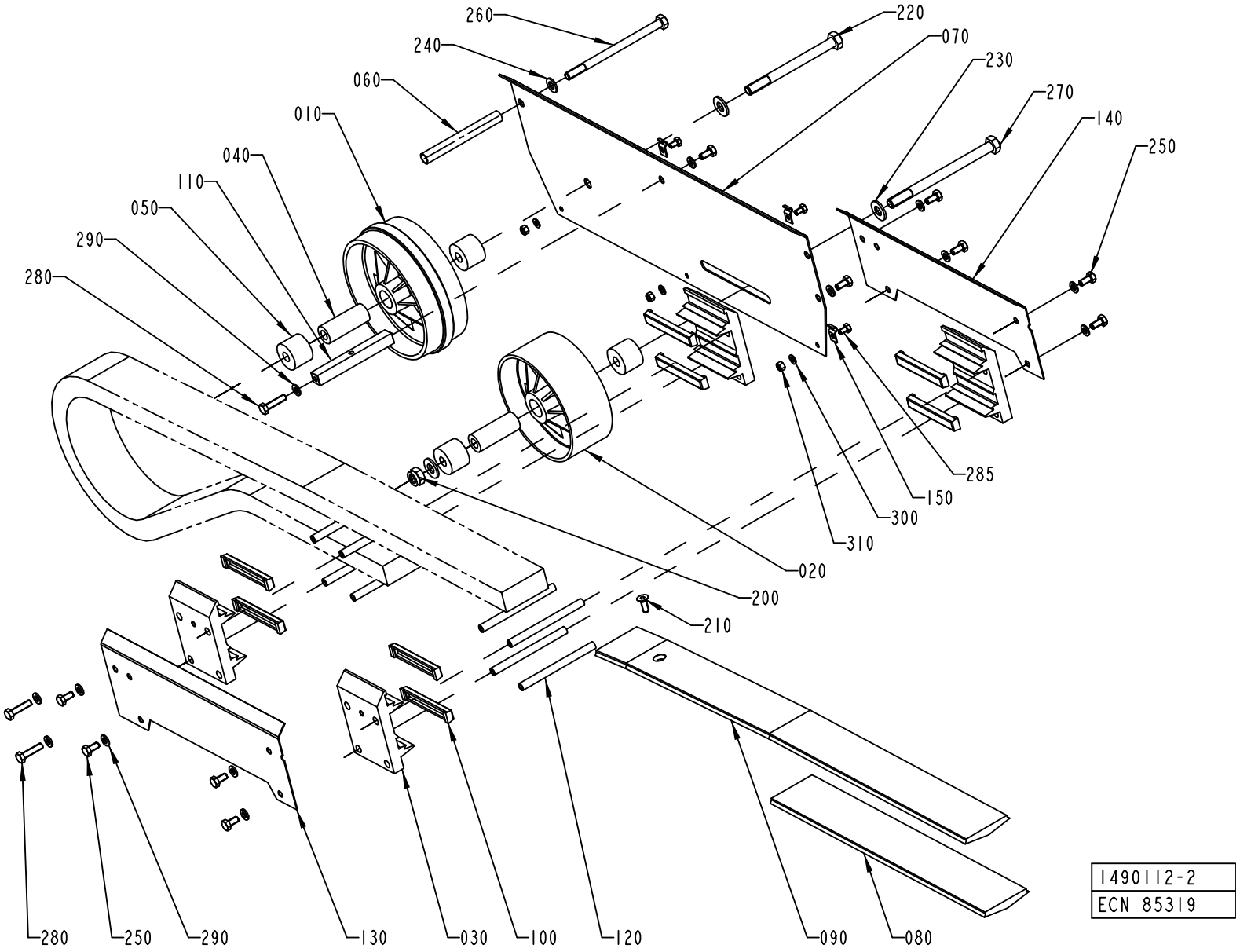
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TBA 1500S (See drawing on page: 712)						
010	245039-0000	-		1	GUIDE WHEEL	
070	1285265-0000	-		1	PLATE	
090	1279573-0000	-		1	SLIDE RAIL U	
TBA 1000SQ, TPA 1000S, TPA 0330SQ (See drawing on page: 710)						
010	1348118-0000	A		1	WHEEL	
070	1296081-0000	-		1	PLATE	
090	1279573-0000	-		1	SLIDE RAIL U	
TPA 0250SQ, TPA 1000SQ, TPA 0500SQ (See drawing on page: 710)						
010	1348118-0000	A		1	WHEEL	
070	1548354-0000	-		1	COVER	
090	1548353-0000	-		1	SLIDE RAIL	
Common Parts						
020	476975-0000	A		1	WHEEL	
030	457696-0001	-		4	JOINT PIECE	
040	229207-0000	A		2	BEARING SLEEVE	
050	1144943-0000	-		4	SPACER	
060	1285306-0000	-		1	SPACER	
080	1279587-0000	-		1	SLIDE RAIL U	
100	466074-0002	-		8	SLIDER	
110	1285266-0000	-		1	SPACER	
120	476220-0000	-		8	SPACER	
130	1279585-0000	-		1	SUPPORT	
140	1279586-0000	-		1	SUPPORT	
150	90165-0056	-		3	PIPE CLIP FOR TUBE D=4 MM	
200	312812-0320	-		1	HEXAGON NUT, NY-LOCK M10 A480	
210	312155-0368	-		1	SCREW EN 10642 MF6S M6X16 A480	
220	312105-0513	-		1	SCREW M6S ISO 4014 M10X110 A480	
230	315105-0173	-		3	WASHER BRB10,5X22RFR	
240	315105-0165	-		1	WASHER BRB8,4X16RFR	
250	312105-0366	-		11	SCREW M6S M6X12 A280	
260	312105-0475	-		1	SCREW M6S ISO 4014 M8X120 A480	
270	312105-0517	-		1	SCREW M6S ISO 4014 M10X130 A480	
280	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
285	312105-0323	-		3	SCREW M6S ISO 4017 M5X8 A480	
290	315105-0153	-		14	WASHER BRB6,4X12RFR	
300	315105-0146	-		3	WASHER BRB5,3X10RFR	
310	312605-0314	-		3	HEXAGON NUT, M6M M5 A280	

Machine Type	Group Description	Used-In	Group Number	Page No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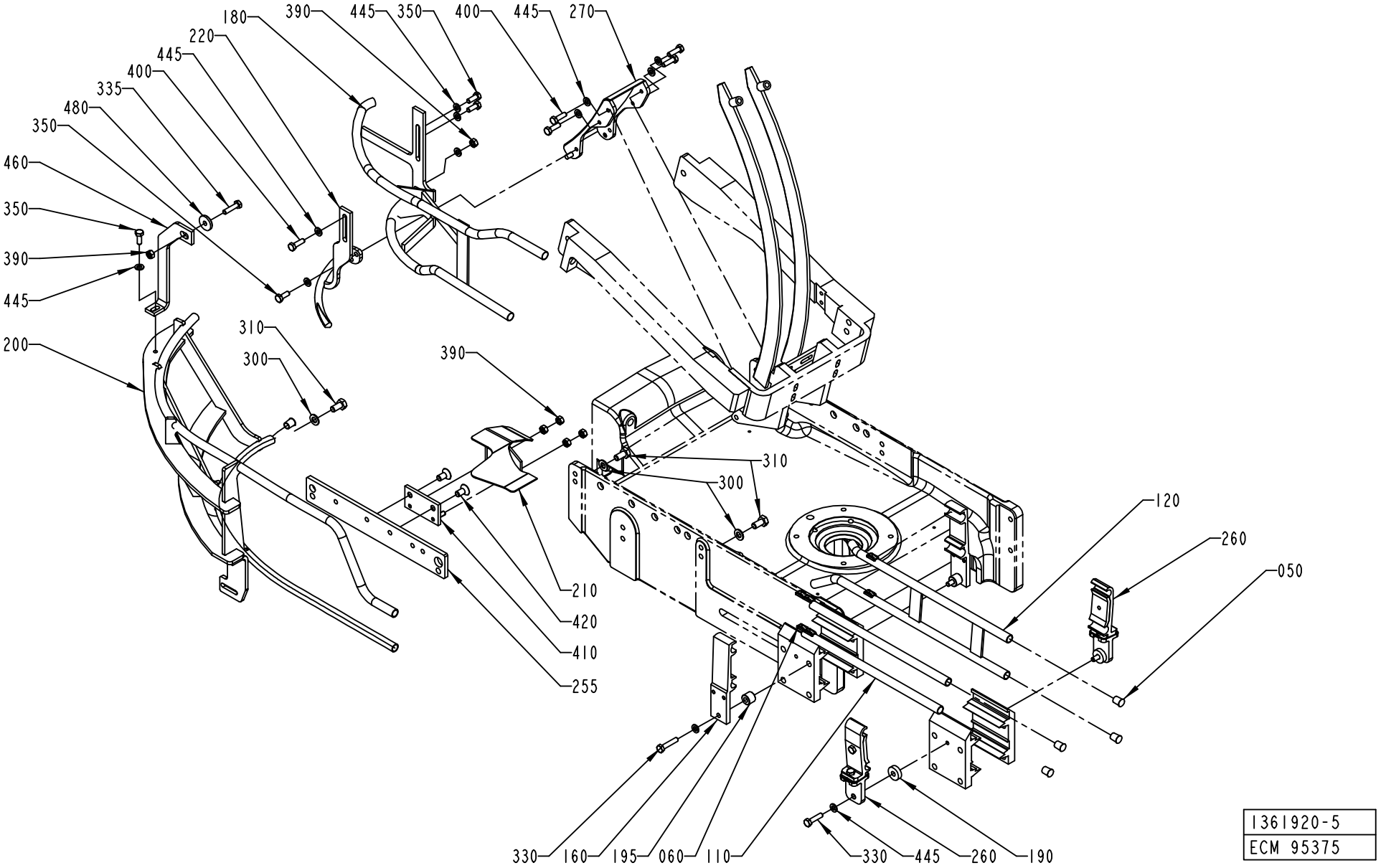
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TBA 1500S (See drawing on page: 712)						
010	245039-0000	-		1	GUIDE WHEEL	
070	1285265-0000	-		1	PLATE	
090	1279573-0000	-		1	SLIDE RAIL U	
TBA 1000SQ, TPA 1000S, TPA 0330SQ (See drawing on page: 710)						
010	1348118-0000	A		1	WHEEL	
070	1296081-0000	-		1	PLATE	
090	1279573-0000	-		1	SLIDE RAIL U	
TPA 0250SQ, TPA 1000SQ, TPA 0500SQ (See drawing on page: 710)						
010	1348118-0000	A		1	WHEEL	
070	1548354-0000	-		1	COVER	
090	1548353-0000	-		1	SLIDE RAIL	
Common Parts						
020	476975-0000	A		1	WHEEL	
030	457696-0001	-		4	JOINT PIECE	
040	229207-0000	A		2	BEARING SLEEVE	
050	1144943-0000	-		4	SPACER	
060	1285306-0000	-		1	SPACER	
080	1279587-0000	-		1	SLIDE RAIL U	
100	466074-0002	-		8	SLIDER	
110	1285266-0000	-		1	SPACER	
120	476220-0000	-		8	SPACER	
130	1279585-0000	-		1	SUPPORT	
140	1279586-0000	-		1	SUPPORT	
150	90165-0056	-		3	PIPE CLIP FOR TUBE D=4 MM	
200	312812-0320	-		1	HEXAGON NUT, NY-LOCK M10 A480	
210	312155-0368	-		1	SCREW EN 10642 MF6S M6X16 A480	
220	312105-0513	-		1	SCREW M6S ISO 4014 M10X110 A480	
230	315105-0173	-		3	WASHER BRB10,5X22RFR	
240	315105-0165	-		1	WASHER BRB8,4X16RFR	
250	312105-0366	-		11	SCREW M6S M6X12 A280	
260	312105-0475	-		1	SCREW M6S ISO 4014 M8X120 A480	
270	312105-0517	-		1	SCREW M6S ISO 4014 M10X130 A480	
280	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
285	312105-0323	-		3	SCREW M6S ISO 4017 M5X8 A480	
290	315105-0153	-		14	WASHER BRB6,4X12RFR	
300	315105-0146	-		3	WASHER BRB5,3X10RFR	
310	312605-0314	-		3	HEXAGON NUT, M6M M5 A280	

Machine Type	Group Description	Used-In	Group Number	Page No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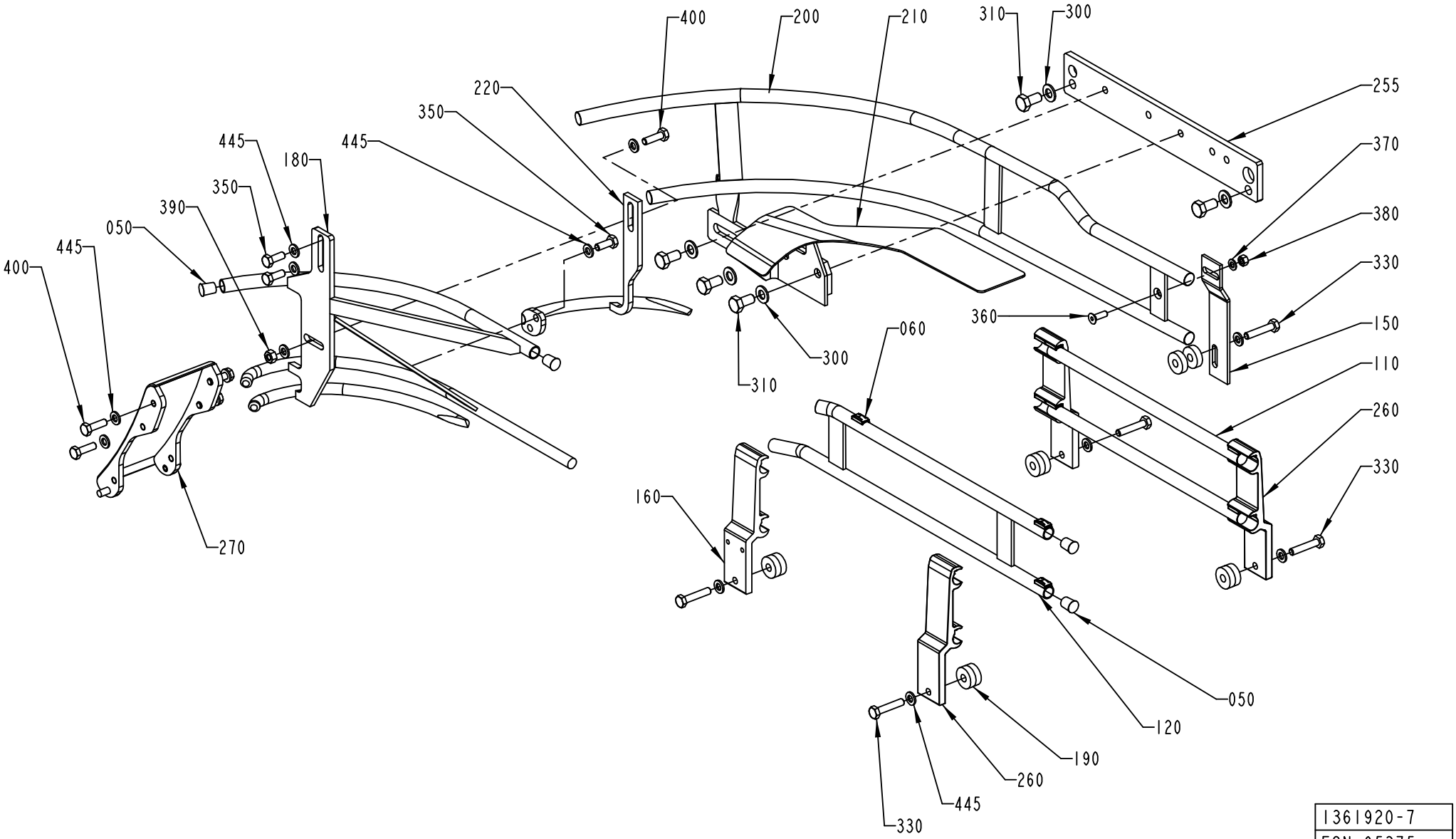
ECM 95375

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0250B (See drawing on page: 716)						
050	484701-0000	-		14	SHUTTER	
060	1020146-0000	-		10	LOCKING BLOCK REPL BY 1020290-101	
120	1487684-0000	A		1	RAIL	
160	1285009-0000	-		2	HOLDER	
180	2520346-0000	A		1	RAIL	
200	1346739-0000	A		1	GUIDE	
210	1487177-0000	A		1	GUIDE	
220	2518100-0000	A		1	RAIL	
260	1020142-0002	-		2	RAIL HOLDER, B55 WIDTH 30 MM	
270	1538970-0000	A		1	SLIDE	
300	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	312105-0449	-		5	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		9	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		13	WASHER BRB6,4X12RFR	
TBA 0200S (See drawing on page: 716)						
050	484701-0000	-		14	SHUTTER	
060	1020146-0000	-		10	LOCKING BLOCK REPL BY 1020290-101	
120	1487684-0000	A		1	RAIL	
160	1285009-0000	-		2	HOLDER	
180	2537127-0000	A		1	RAIL	
200	2537819-0000	A		1	RAIL	
210	2538110-0000	A		1	RAIL	
220	2545232-0000	A		1	RAIL	
260	1020142-0002	-		2	RAIL HOLDER, B55 WIDTH 30 MM	
270	2523480-0000	A		1	SLIDE	
300	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	312105-0449	-		5	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		5	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		13	WASHER BRB6,4X12RFR	
TBA 0250S (See drawing on page: 716)						
050	484701-0000	-		12	SHUTTER	
060	1020146-0000	-		10	LOCKING BLOCK REPL BY 1020290-101	
120	2558754-0000	A		1	RAIL	
160	1285009-0000	-		2	HOLDER	
180	2537127-0000	A		1	RAIL	
200	2537819-0000	A		1	RAIL	
210	2558753-0000	A		1	GUIDE	
220	2545232-0000	A		1	RAIL	
260	1020142-0002	-		2	RAIL HOLDER, B55 WIDTH 30 MM	
270	2523480-0000	A		1	SLIDE	
300	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	312105-0449	-		5	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		5	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		13	WASHER BRB6,4X12RFR	
TBA 0330S (See drawing on page: 716)						
050	484701-0000	-		13	SHUTTER	
060	1020146-0000	-		10	LOCKING BLOCK REPL BY 1020290-101	
120	2558754-0000	A		1	RAIL	
160	1285009-0000	-		2	HOLDER	
180	2537127-0000	A		1	RAIL	
200	2559052-0000	A		1	RAIL	
210	2538110-0000	A		1	RAIL	
220	2545232-0000	A		1	RAIL	
260	1020142-0002	-		2	RAIL HOLDER, B55 WIDTH 30 MM	
270	2523480-0000	A		1	SLIDE	
300	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	312105-0449	-		5	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		5	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		13	WASHER BRB6,4X12RFR	
TBA 0500B (See drawing on page: 716)						
050	484701-0000	-		14	SHUTTER	
060	1020146-0000	-		10	LOCKING BLOCK REPL BY 1020290-101	
120	1487684-0000	A		1	RAIL	
150	1499413-0000	-		1	HOLDER	
160	1285009-0000	-		2	HOLDER	
180	2517495-0000	A		1	RAIL	
190	1285253-0000	-		10	SPACER	



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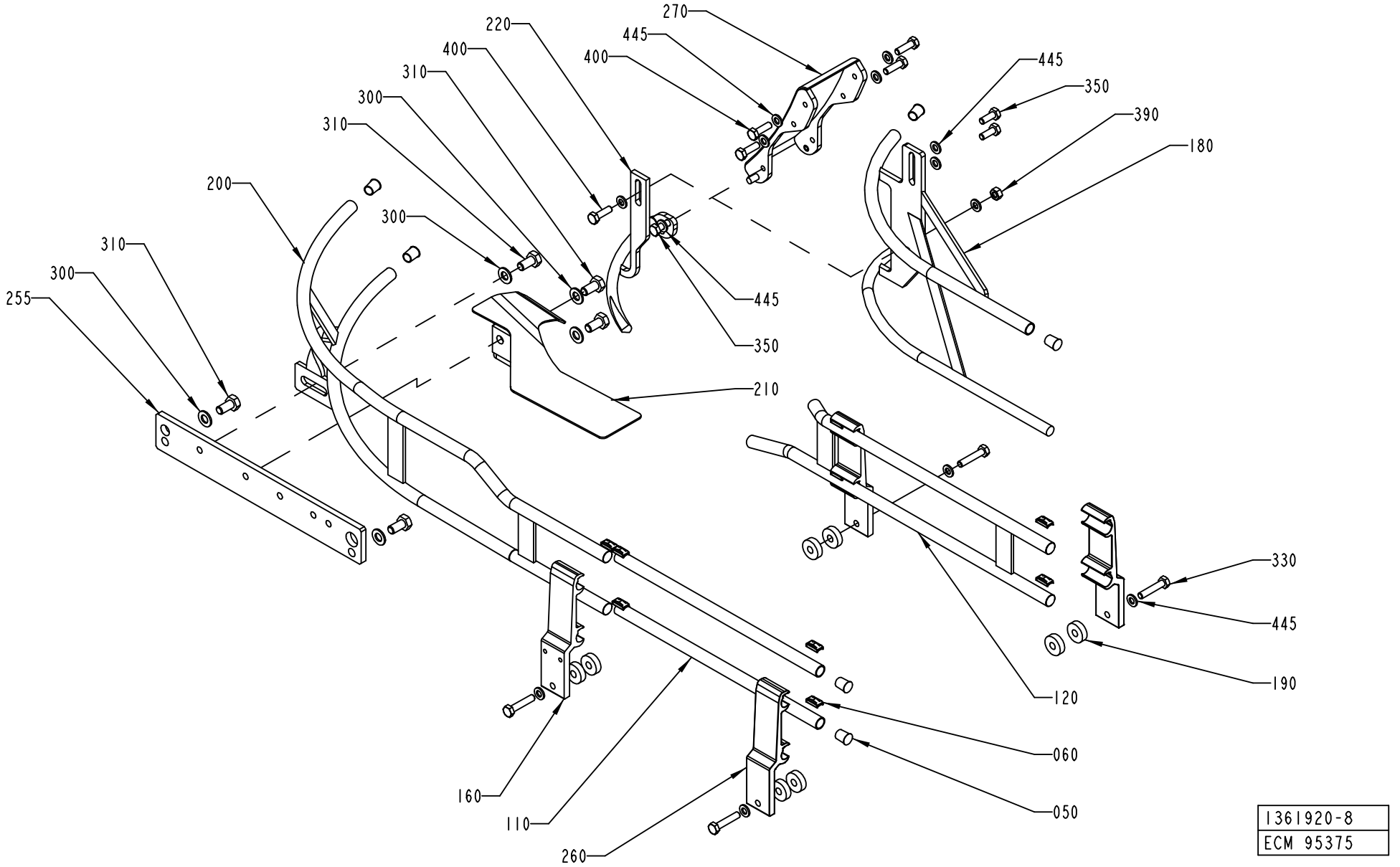
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500B (Cont'd) (See drawing on page: 716)						
200	1539869-0000	A		1	RAIL	
210	1487177-0000	A		1	GUIDE	
220	2518100-0000	A		1	RAIL	
260	1020142-0002	-		2	RAIL HOLDER, B55 WIDTH 30 MM	
270	1538970-0000	A		1	SLIDE	
300	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	312105-0449	-		5	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0374	-		5	SCREW M6S ISO 4014 M6X30 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
360	312155-0329	-		1	SCREW EN 10642 MF6S M5X16 A480	
370	315105-0146	-		1	WASHER BRB5,3X10RFR	
380	312605-0314	-		1	HEXAGON NUT, M6M M5 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		5	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		14	WASHER BRB6,4X12RFR	
TBA 0500S (See drawing on page: 716)						
050	484701-0000	-		10	SHUTTER	
060	1020146-0000	-		10	LOCKING BLOCK REPL BY 1020290-101	
120	1487684-0000	A		1	RAIL	
160	1285009-0000	-		2	HOLDER	
180	2520183-0000	A		1	RAIL	
200	1524349-0000	A		1	GUIDE	
210	1487177-0000	A		1	GUIDE	
220	2518100-0000	A		1	RAIL	
260	1020142-0002	-		2	RAIL HOLDER, B55 WIDTH 30 MM	
270	1538970-0000	A		1	SLIDE	
300	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	312105-0449	-		5	SCREW M6S ISO 4017 M8X16 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		9	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		13	WASHER BRB6,4X12RFR	
TBA 1000S, TBA 1000B (See drawing on page: 716)						
050	484701-0000	-		14	SHUTTER	
060	1020146-0000	-		10	LOCKING BLOCK REPL BY 1020290-101	
120	1487684-0000	A		1	RAIL	
150	1499413-0000	-		1	HOLDER	
160	1285009-0000	-		2	HOLDER	
180	2517495-0000	A		1	RAIL	
190	1285253-0000	-		10	SPACER	
200	1285258-0000	A		1	RAIL	
210	1487177-0000	A		1	GUIDE	
220	2518100-0000	A		1	RAIL	
260	1020142-0002	-		2	RAIL HOLDER, B55 WIDTH 30 MM	
270	1538970-0000	A		1	SLIDE	
300	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	312105-0449	-		5	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0374	-		5	SCREW M6S ISO 4014 M6X30 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
360	312155-0329	-		1	SCREW EN 10642 MF6S M5X16 A480	
370	315105-0146	-		1	WASHER BRB5,3X10RFR	
380	312605-0314	-		1	HEXAGON NUT, M6M M5 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		5	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		14	WASHER BRB6,4X12RFR	
TBA 1000SQ (See drawing on page: 718)						
050	484701-0000	-		14	SHUTTER	
060	1020146-0000	-		10	LOCKING BLOCK REPL BY 1020290-101	
120	1296079-0000	A		1	RAIL	
160	1285009-0000	-		2	HOLDER	
180	2522145-0000	A		1	RAIL	
190	1285253-0000	-		8	SPACER	
200	1519540-0000	A		1	RAIL	
210	1349806-0000	A		1	GUIDE	
220	2522181-0000	A		1	RAIL	
260	1020142-0002	-		2	RAIL HOLDER, B55 WIDTH 30 MM	
270	1538970-0000	A		1	SLIDE	
300	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	312105-0449	-		5	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0374	-		4	SCREW M6S ISO 4014 M6X30 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		5	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		13	WASHER BRB6,4X12RFR	
TBA 1500S (See drawing on page: 716)						
050	484701-0000	-		16	SHUTTER	
060	1020146-0000	-		10	LOCKING BLOCK REPL BY 1020290-101	
120	1487684-0000	A		1	RAIL	
150	1499413-0000	-		1	HOLDER	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Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1500S (Cont'd) (See drawing on page: 716)						
160	1285009-0000	-		2	HOLDER	
180	2504412-0000	A		1	RAIL	
190	1317218-0000	-		5	SPACER	
200	1285258-0000	A		1	RAIL	
210	1487177-0000	A		1	GUIDE	
220	2504414-0000	A		1	RAIL	
260	1020142-0002	-		2	RAIL HOLDER, B55 WIDTH 30 MM	
270	1538970-0000	A		1	SLIDE	
300	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	312105-0449	-		5	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0374	-		5	SCREW M6S ISO 4014 M6X30 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
360	312155-0329	-		1	SCREW EN 10642 MF6S M5X16 A480	
370	315105-0146	-		1	WASHER BRB5,3X10RFR	
380	312605-0314	-		1	HEXAGON NUT, M6M M5 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		5	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		14	WASHER BRB6,4X12RFR	
TPA 0250SQ (See drawing on page: 714)						
050	484701-0000	-		10	SHUTTER	
060	1020146-0000	-		6	LOCKING BLOCK REPL BY 1020290-101	
120	1548550-0000	A		1	RAIL	
160	1285009-0000	-		2	HOLDER	
180	2531557-0000	A		1	RAIL	
200	2543235-0000	A		1	RAIL	
220	2531558-0000	A		1	RAIL	
260	1366777-0101	-		2	RAIL HOLDER TPC21	
100	*1366726-0000*	-		*1*	*HOLDER*	
110	*1359085-0000*	-		*1*	*T-HOLDER*	
120	*1366727-0000*	-		*1*	*CLAMP*	
130	*1359565-0000*	-		*1*	*NUT*	
300	*312105-0366*	-		*1*	*SCREW M6S M6X12 A280*	
310	*312105-0368*	-		*1*	*SCREW M6S M6X16 A280*	
350	*315105-0153*	-		*1*	*WASHER BRB6,4X12RFR*	
270	2523480-0000	A		1	SLIDE	
300	315105-0165	-		3	WASHER BRB8,4X16RFR	
310	312105-0449	-		3	SCREW M6S ISO 4017 M8X16 A480	
335	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		9	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		14	WASHER BRB6,4X12RFR	
460	2543234-0000	-		1	BRACKET	
480	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
TPA 0330SQ (See drawing on page: 718)						
050	484701-0000	-		10	SHUTTER	
060	1020146-0000	-		6	LOCKING BLOCK REPL BY 1020290-101	
120	1296079-0000	A		1	RAIL	
160	1285009-0000	-		2	HOLDER	
180	2555391-0000	A		1	RAIL	
190	1285253-0000	-		2	SPACER	
200	1532294-0000	A		1	RAIL	
220	2555392-0000	A		1	RAIL	
260	1366777-0101	-		2	RAIL HOLDER TPC21	
100	*1366726-0000*	-		*1*	*HOLDER*	
110	*1359085-0000*	-		*1*	*T-HOLDER*	
120	*1366727-0000*	-		*1*	*CLAMP*	
130	*1359565-0000*	-		*1*	*NUT*	
300	*312105-0366*	-		*1*	*SCREW M6S M6X12 A280*	
310	*312105-0368*	-		*1*	*SCREW M6S M6X16 A280*	
350	*315105-0153*	-		*1*	*WASHER BRB6,4X12RFR*	
270	2523480-0000	A		1	SLIDE	
300	315105-0165	-		3	WASHER BRB8,4X16RFR	
310	312105-0449	-		3	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		9	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		13	WASHER BRB6,4X12RFR	
TPA 0500SQ (See drawing on page: 714)						
050	484701-0000	-		8	SHUTTER	
120	1296079-0000	A		1	RAIL	
160	1334113-0000	-		2	HOLDER	
190	1285253-0000	-		4	SPACER	
200	2514361-0000	A		1	RAIL	
220	2522181-0000	A		1	RAIL	
260	1366777-0101	-		2	RAIL HOLDER TPC21	
100	*1366726-0000*	-		*1*	*HOLDER*	
110	*1359085-0000*	-		*1*	*T-HOLDER*	
120	*1366727-0000*	-		*1*	*CLAMP*	

See previous drawings pages: 714, 716, 718.

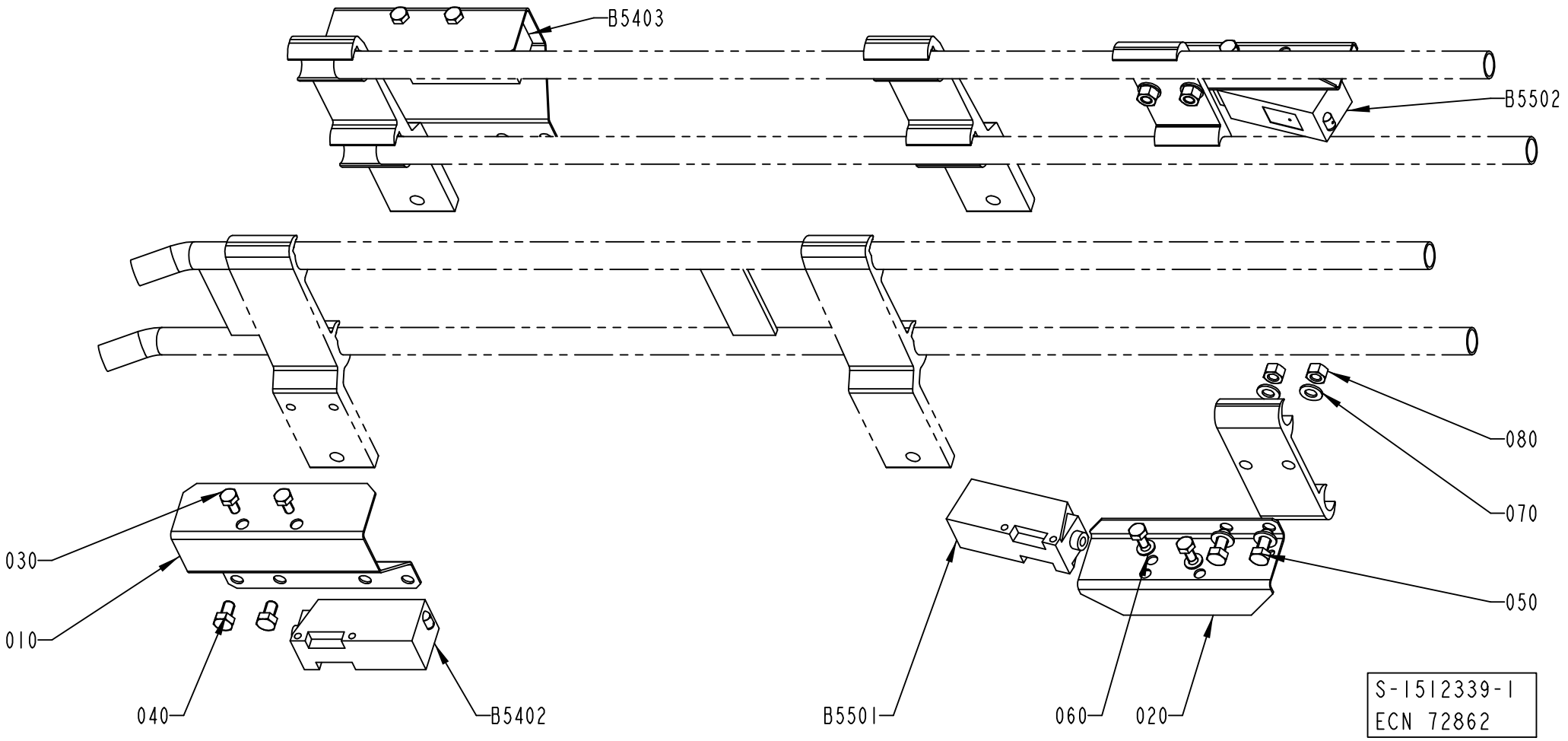
ECM: 130286 - 20030611
Group number: 1361920-0300
Assembly Drawing: 1361920-8_1_AA

This list covers pages from 714 to 721

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0500SQ (Cont'd) (See drawing on page: 714)						
220	2522181-0000	A		1	RAIL	
260	1366777-0101	-		2	RAIL HOLDER TPC21	
100	*1366726-0000*	*-*		*1*	*HOLDER*	
110	*1359085-0000*	*-*		*1*	*T-HOLDER*	
120	*1366727-0000*	*-*		*1*	*CLAMP*	
130	*1359565-0000*	*-*		*1*	*NUT*	
300	*312105-0366*	*-*		*1*	*SCREW M6S M6X12 A280*	
310	*312105-0368*	*-*		*1*	*SCREW M6S M6X16 A280*	
350	*315105-0153*	*-*		*1*	*WASHER BRB6,4X12RFR*	
270	1538970-0000	A		1	SLIDE	
300	315105-0165	-		3	WASHER BRB8,4X16RFR	
310	312105-0449	-		3	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
335	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
350	312105-0368	-		3	SCREW M6S M6X16 A280	
390	312605-0316	-		3	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		6	SCREW M6S ISO 4017 M6X20 A480	
410	1548551-0000	-		1	SPACER	
420	312155-0449	-		2	SCREW EN 10642 MF6S M8X16 A480	
445	315105-0153	-		14	WASHER BRB6,4X12RFR	
460	2554263-0000	-		1	BRACKET	
480	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
TPA 1000S (See drawing on page: 718)						
050	484701-0000	-		14	SHUTTER	
060	1020146-0000	-		10	LOCKING BLOCK REPL BY 1020290-101	
120	1296079-0000	A		1	RAIL	
160	1334113-0000	-		2	HOLDER	
180	2522145-0000	A		1	RAIL	
200	1519540-0000	A		1	RAIL	
210	1349806-0000	A		1	GUIDE	
220	2522181-0000	A		1	RAIL	
260	1020816-0002	-		2	RAIL HOLDER, B68/R68 WIDTH 30 MM	
270	1538970-0000	A		1	SLIDE	
300	315105-0165	-		5	WASHER BRB8,4X16RFR	
310	312105-0449	-		5	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0374	-		4	SCREW M6S ISO 4014 M6X30 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		5	SCREW M6S ISO 4017 M6X20 A480	
445	315105-0153	-		13	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000SQ (See drawing on page: 714)						
050	484701-0000	-		10	SHUTTER	
060	1020146-0000	-		6	LOCKING BLOCK REPL BY 1020290-101	
120	1548550-0000	A		1	RAIL	
160	1334113-0000	-		2	HOLDER	
180	1548114-0000	A		1	RAIL	
180	2529115-0000	A		1	RAIL	
190	1285253-0000	-		2	SPACER	
195	1317218-0000	-		2	SPACER	
200	2527766-0000	A		1	RAIL	
210	1548348-0000	A		1	GUIDE	
220	1548349-0000	A		1	RAIL	
260	1366777-0101	-		2	RAIL HOLDER TPC21	
100	*1366726-0000*	*-*		*1*	*HOLDER*	
110	*1359085-0000*	*-*		*1*	*T-HOLDER*	
120	*1366727-0000*	*-*		*1*	*CLAMP*	
130	*1359565-0000*	*-*		*1*	*NUT*	
300	*312105-0366*	*-*		*1*	*SCREW M6S M6X12 A280*	
310	*312105-0368*	*-*		*1*	*SCREW M6S M6X16 A280*	
350	*315105-0153*	*-*		*1*	*WASHER BRB6,4X12RFR*	
270	1538970-0000	A		1	SLIDE	
300	315105-0165	-		3	WASHER BRB8,4X16RFR	
310	312105-0449	-		3	SCREW M6S ISO 4017 M8X16 A480	
330	312105-0374	-		2	SCREW M6S ISO 4014 M6X30 A480	
335	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
350	312105-0368	-		4	SCREW M6S M6X16 A280	
390	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
400	312105-0370	-		5	SCREW M6S ISO 4017 M6X20 A480	
410	1548551-0000	-		1	SPACER	
420	312155-0449	-		2	SCREW EN 10642 MF6S M8X16 A480	
445	315105-0153	-		14	WASHER BRB6,4X12RFR	
460	2532864-0000	-		1	BRACKET	
480	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
Common Parts						
110	1279582-0000	A		2	RAIL	
255	1478235-0000	-		1	PLATE	

Machine Type | Group Description | Used-In | Group Number | Page No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050
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B5402
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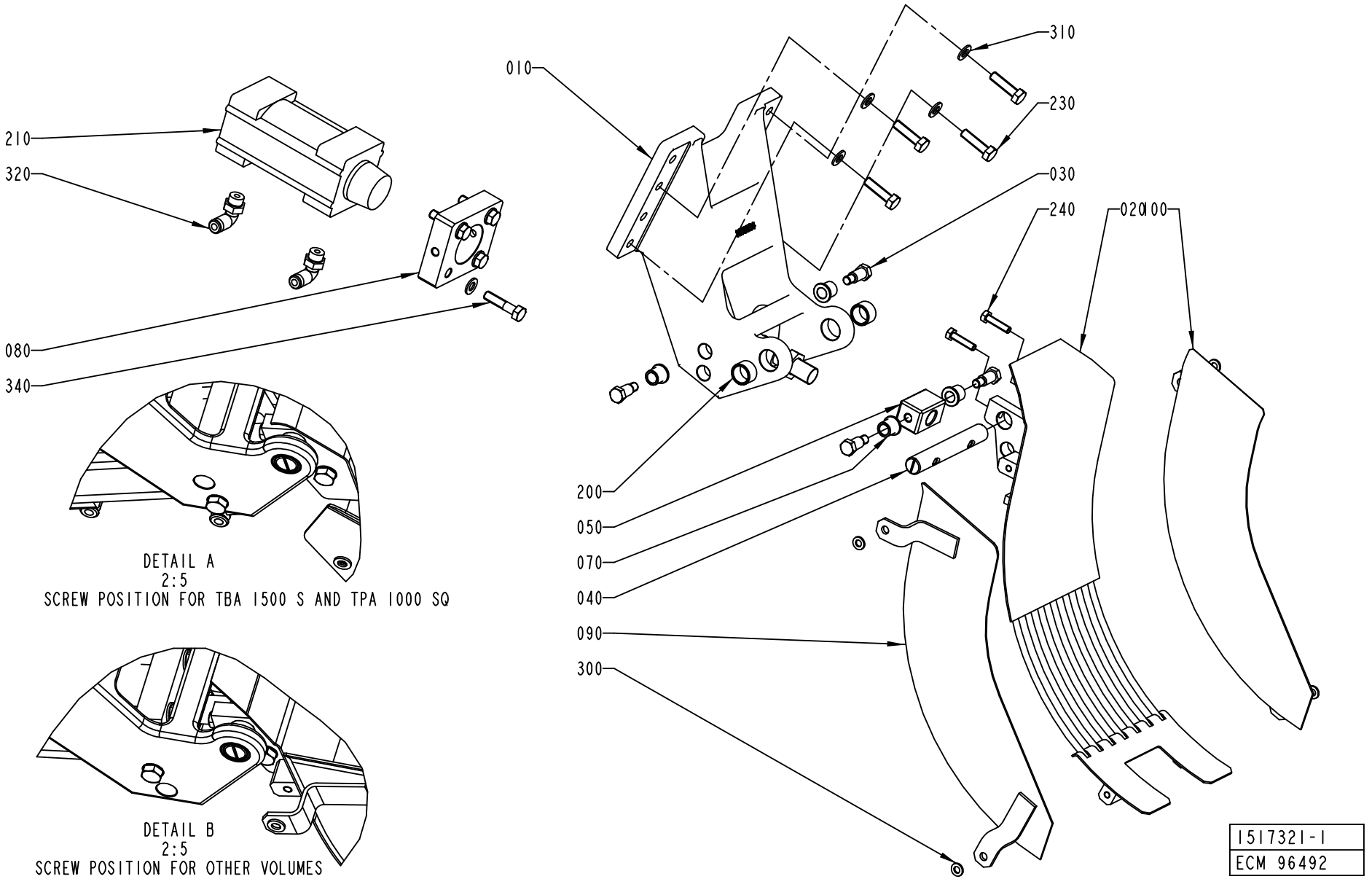
020
S-1512339-1
ECN 72862

ECM: 72862 - 20000310
Group number: 1512339-0100
Assembly Drawing: 1512339-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1285010-0000	-		2	HOLDER	
020	1086889-0000	-		2	COVER	
025	1020637-0000	-		2	HOLDER	
030	312105-0287	-		8	SCREW M6S ISO4017 M4X8 A480	
040	312105-0323	-		4	SCREW M6S ISO 4017 M5X8 A480	
050	312105-0327	-		4	SCREW M6S ISO 4017 M5X12 A480	
060	315105-0136	-		4	WASHER BRB4,3XRFR	
070	315105-0146	-		8	WASHER BRB5,3X10RFR	
080	312605-0314	-		4	HEXAGON NUT, M6M M5 A280	
B5402	90232-0104	-		1	PH.CELL E3S-CT61-D-5M	
B5403	90232-0103	-		1	PH.CELL E3S-CT61-L-5M	
B5501	90232-0104	-		1	PH.CELL E3S-CT61-D-5M	
B5502	90232-0103	-		1	PH.CELL E3S-CT61-L-5M	

Pos	Part No	SP	UN	Qty	Description	Page No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230
030
240
020
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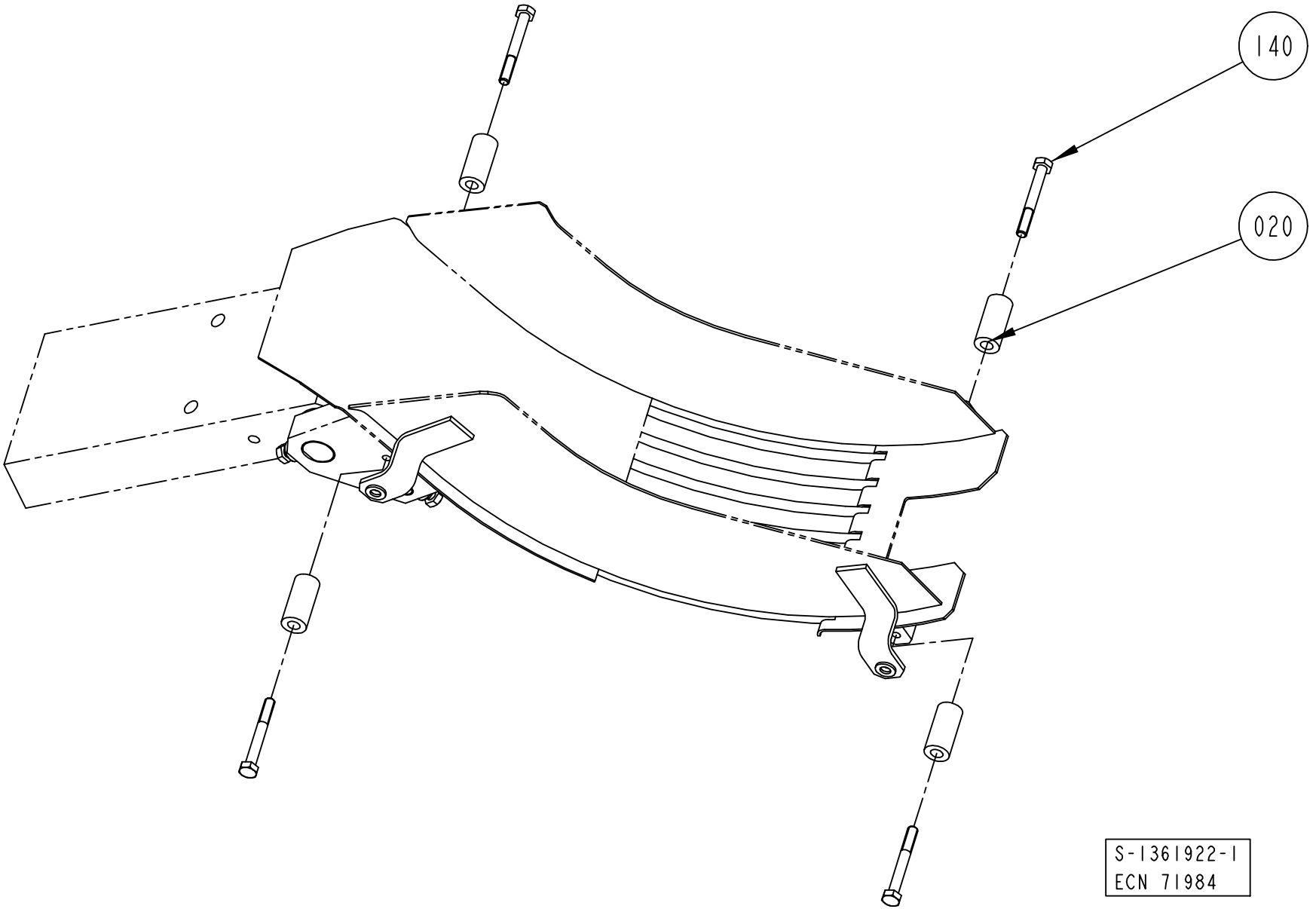
200
050
070
040
090
300
DETAIL A
2:5
SCREW POSITION FOR TBA 1500 S AND TPA 1000 SQ
DETAIL B
2:5
SCREW POSITION FOR OTHER VOLUMES
1517321-1
ECM 96492

ECM: 118991 - 20021217
Group number: 1517321-0100
Assembly Drawing: 1517321-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ						
020	1484258-0000	B		1	CRADLE	
090	1285023-0000	-		1	SIDE PLATE	
100	1285022-0000	-		1	SIDE PLATE	
TBA 1500S						
020	1348920-0000	B		1	CRADLE	
090	1348854-0000	-		1	PLATE	
100	1349017-0000	-		1	PLATE	
TPA 1000SQ						
020	1348920-0000	B		1	CRADLE	
090	1517472-0000	-		1	SIDE PLATE	
100	1517473-0000	-		1	SIDE PLATE	
Common Parts						
010	1478534-0000	-		1	BRACKET	
030	449190-0000	A		4	SHAFT	
040	1144579-0000	A		1	AXLE	
050	1144577-0000	-		1	BLOCK	
070	1478928-0000	A		4	BUSHING	
080	1144535-0000	-		1	PLATE	
200	321116-0234	A		2	BEAR. BUSH. WITHOUT FL, 16X20X12 MM	
210	90450-0504	A		1	PNEUMATIC CYLINDER	
230	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
240	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
300	315105-0153	-		4	WASHER BRB6,4X12RFR	
310	315105-0165	-		8	WASHER BRB8,4X16RFR	
320	342732-0103	-		2	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/4	
340	312105-0457	-		4	SCREW M6S ISO 4014 M8X35 A480	

Pos	Part No	SP	UN	Qty	Description	Page No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020
S-1361922-1
ECN 71984

ECM: 118984 - 20021217
Group number: 1361922-0200
Assembly Drawing: 1361922-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S						
020	315115-0153	-		4	WASHER PLAIN, TBRB 6,4/12 H=3	
140	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
TBA 0250S						
020	2522202-0000	-		4	SPACER	
140	312105-0374	-		4	SCREW M6S ISO 4014 M6X30 A480	
TBA 0330S, TBA 0200B, TBA 0250B						
020	1317218-0000	-		4	SPACER	
140	312105-0374	-		4	SCREW M6S ISO 4014 M6X30 A480	
TBA 0500B, TBA 1000B						
020	1260714-0000	-		4	SPACER	
140	312105-0382	-		4	SCREW M6S ISO 4014 M6X60 A480	
TBA 0500S						
020	1499140-0000	-		4	SPACER	
140	312105-0379	-		4	SCREW M6S ISO 4014 M6X45 A480	
TBA 1000S						
020	1279670-0000	-		4	SPACER	
140	312105-0382	-		4	SCREW M6S ISO 4014 M6X60 A480	
TBA 1000SQ						
020	1487929-0000	-		4	SPACER	
140	312105-0379	-		4	SCREW M6S ISO 4014 M6X45 A480	
TBA 1500S						
140	312105-0366	-		4	SCREW M6S M6X12 A280	
TPA 0250SQ						
020	315115-0153	-		4	WASHER PLAIN, TBRB 6,4/12 H=3	
140	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
TPA 0330SQ						
020	1532254-0000	-		4	SPACER	
140	312105-0374	-		4	SCREW M6S ISO 4014 M6X30 A480	
TPA 0500SQ						
020	1549512-0000	-		4	SPACER	
140	312105-0374	-		4	SCREW M6S ISO 4014 M6X30 A480	
TPA 1000S						
020	1350431-0000	-		4	SPACER	
140	312105-0379	-		4	SCREW M6S ISO 4014 M6X45 A480	
TPA 1000SQ						
140	312105-0366	-		4	SCREW M6S M6X12 A280	

Machine Type | Group Description | Used-In | Group Number | Page No

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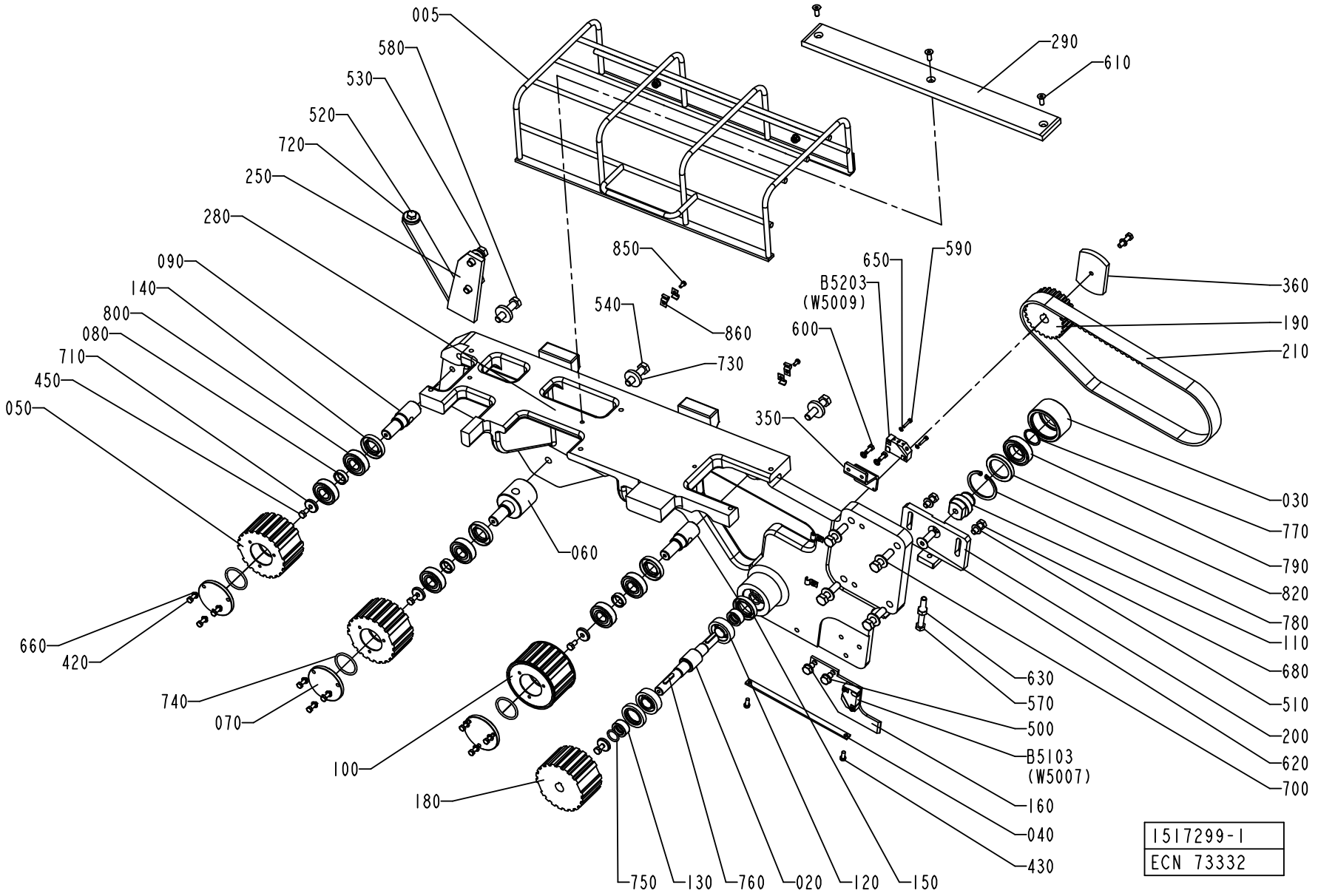
ECM: 118990 - 20021217
Group number: 1517298-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ						
010	1517299-0100	-		1	INFEED CONVEYOR LONG	**731**
TBA 1500S, TPA 1000SQ						
020	1517300-0200	-		1	INFEED CONVEYOR SHORT	**735**

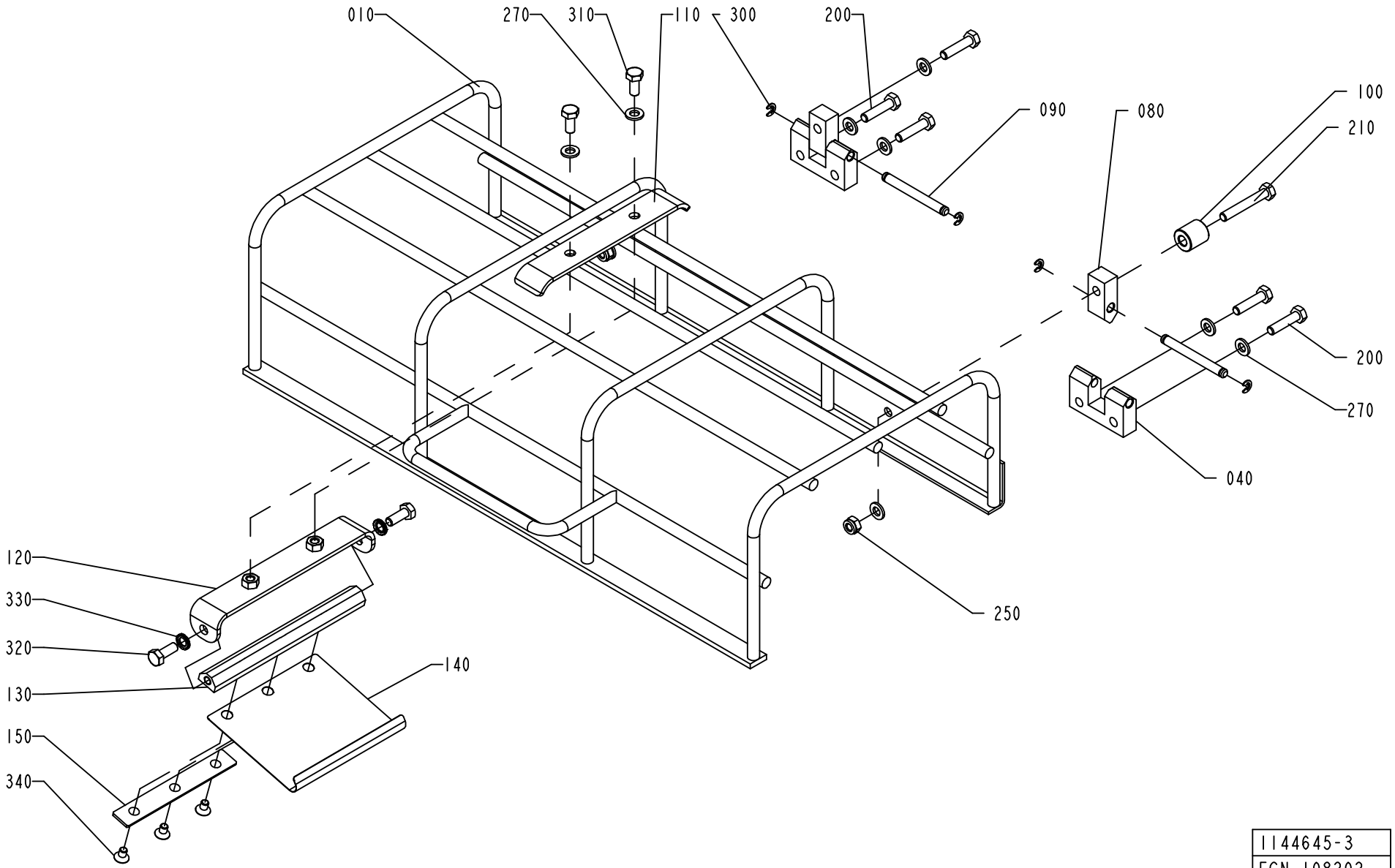
Pos	Part No	SP	UN	Qty	Description	Page No


005
580
530
520
720
250
280
090
140
800
080
710
450
050
660
420
740
070
100
180
060
850
540
860
730
350
650
590
B5203
(W5009)
600
290
610
360
190
210
030
770
790
820
780
110
680
510
200
620
700
630
570
500
B5103
(W5007)
160
040
430
750
130
760
020
120
150
1517299-1
ECN 73332

ECM: 73332 - 20000411
Group number: 1517299-0100
Assembly Drawing: 1517299-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
005	1144645-0200	-		1	PROTECTIVE COVER	**733**
020	1144470-0000	C		1	SHAFT	
030	1144581-0000	-		1	ROLLER	
040	1144593-0000	-		1	PLATE	
050	1348921-0000	D		2	TOOTHED PULLEY	
060	1144595-0000	C		1	ECCENTRIC SHAFT	
070	1144596-0000	-		3	PLUG	
080	1144597-0000	-		3	SPACER	
090	1484620-0000	C		2	SHAFT	
100	1348922-0000	D		1	TOOTHED PULLEY	
110	1144619-0000	C		1	SHAFT	
120	90214-0219	C		2	CYL.ROLLER BEARING, 17X40X12 MM	
130	1144625-0000	C		2	SPACER	
140	90091-0440	C		3	RADIAL SEAL 22X40X7 MM DUST LIP	
150	1498068-0000	C		2	SEAL RING	
160	1144760-0000	-		1	PLATE	
180	1144784-0000	D		1	TOOTHED PULLEY	
190	1144788-0000	D		1	TOOTHED PULLEY	
200	1144794-0000	-		1	SUPPORT	
210	1144841-0000	C		1	TIMING BELT	
250	1144965-0000	-		1	SUPPORT	
280	1347699-0000	-		1	PLATE	
290	1260941-0000	D		1	SLIDE	
350	1279688-0000	-		1	SUPPORT	
360	1347410-0000	-		1	ACTIVATOR	
420	312105-0329	-		9	SCREW M6S ISO 4017 M5X16 A480	
430	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
450	312105-0366	-		4	SCREW M6S M6X12 A280	
500	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A480	
510	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
520	312105-0453	-		1	SCREW M6S ISO 4017 M8X25 A480	
530	312105-0495	-		2	SCREW M6S ISO 4017 M10X30 A480	
540	312109-0499	-		5	SCREW M6S ISO 4017 M10X40 A480	
570	312109-0463	-		1	SCREW M6S ISO 4017 M8X60 A480	
580	312109-0500	-		2	SCREW M6S ISO 4017 M10X45 A480	
590	312115-0228	-		4	SCREW ISO4762 M3X16 A4	
600	312125-0327	-		2	SCREW PAN HEAD MCS M5X12 SS	
610	312151-0368	-		3	SCREW HEX.SOCK.COUNT.MF6S 6X16 FZB	
620	312155-0495	-		1	SCREW EN 10642 MF6S M10X30 A480	
630	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
650	315105-0124	-		4	WASHER BRB3,2X6RFR	
660	315105-0146	-		11	WASHER BRB5,3X10RFR	
680	315105-0165	-		4	WASHER BRB8,4X16RFR	
700	315105-0173	-		6	WASHER BRB10,5X22RFR	
710	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
720	315125-0165	-		1	WASHER TBRSB 8,4X26X5 A4	
730	315125-0173	-		3	WASHER TBRSB 10,5X28X6 A4	
740	315202-0221	C		3	O-RING 34,2X3 MM	
750	315202-0267	C		2	O-RING 16,3X2,4 MM	
760	315705-0202	-		2	PARALLEL KEY W ROUND ENDS 5X5X25MM	
770	315751-0119	-		1	RETAIN. RING, 25	
780	90141-0019	-		1	RETAIN. RING, 50	
790	321308-0205	C		1	BALL BEARING, 25X47X12MM	
800	321313-0103	C		6	BALL BEARING, 17X40X12MM	
820	90091-0297	C		1	RADIAL SEAL 35X47X7 MM DUST LIP	
850	312125-0287	-		4	SCREW PAN HEAD MCS M4X8 SS	
860	90165-0057	-		6	PIPE CLIP FOR TUBE D=6 MM	
B5103	90044-0104	C		1	PROX.SWITCH IFM IN 3002	
B5203	90044-0104	C		1	PROX.SWITCH IFM IN 3002	

Machine Type	Group Description	Used-In	Group Number	Page No

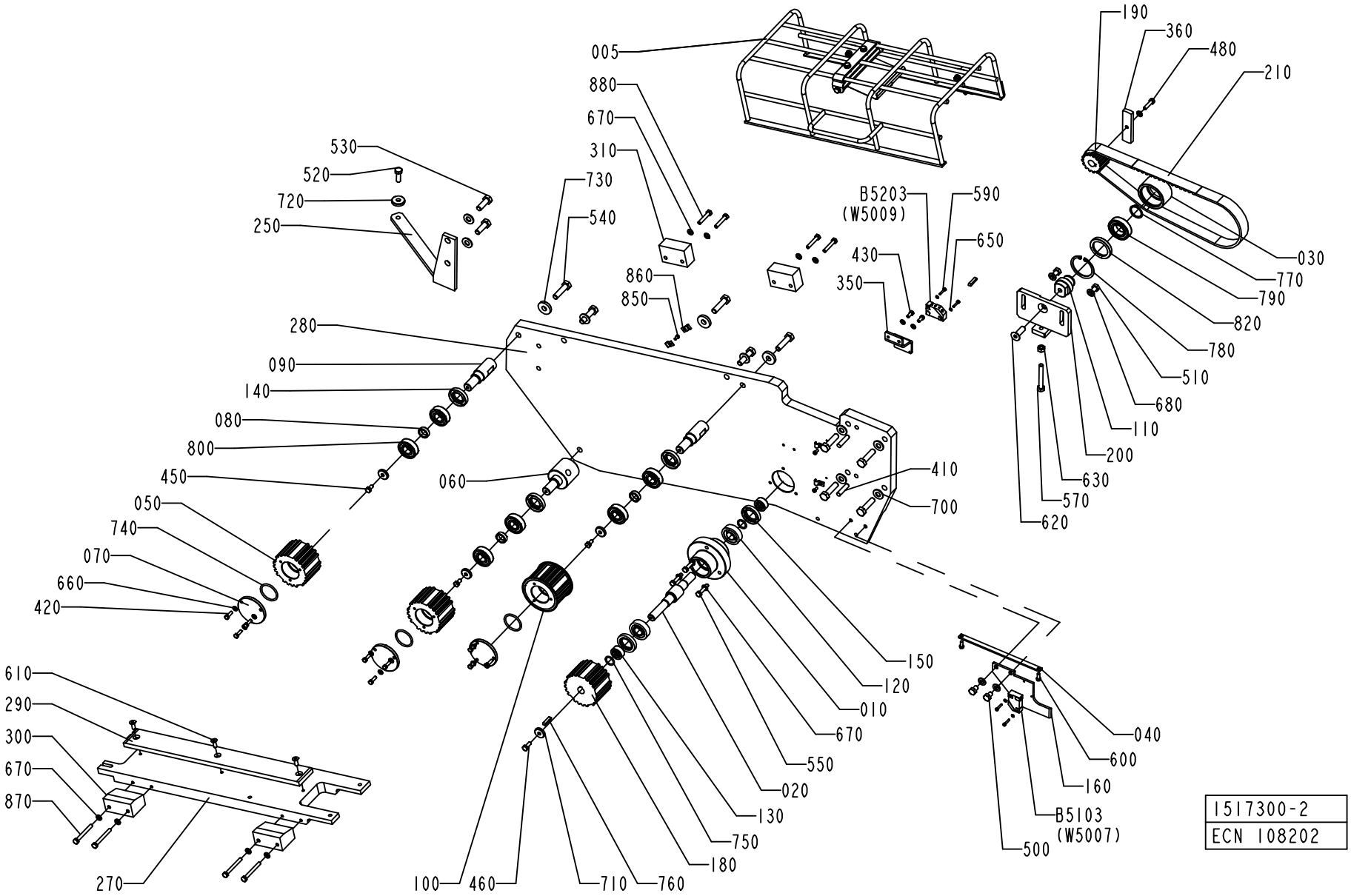


1144645-3
ECN 108202

ECM: 108864 - 20021110
Group number: 1144645-0200
Assembly Drawing: 1144645-3_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1260894-0000	-		1	PROTECTION	
040	1144667-0000	-		2	HINGE	
080	1144668-0000	-		2	HINGE	
090	1144669-0000	-		2	PIN	
100	1360149-0000	-		1	SPACER	
110	1499476-0000	-		1	HOLDER	
120	2527792-0000	-		1	SUPPORT	
130	2527793-0000	-		1	SHAFT	
140	2530418-0000	-		1	SPRING	
150	2540612-0000	-		1	PLATE	
200	312105-0372	-		5	SCREW M6S ISO 4017 M6X25 A480	
210	312105-0378	-		1	SCREW M6S ISO 4014 M6X40 A480	
250	312812-0316	-		2	HEXAGON NUT, NY-LOCK M6 A480	
270	315105-0153	-		9	WASHER BRB6,4X12RFR	
300	315755-0106	-		4	LOCKING WASHER 4	
310	312105-0367	-		2	SCREW M6S M6X14 A280	
320	312105-0368	-		2	SCREW M6S M6X16 A280	
330	90062-0061	-		2	LOCK WASHER NORD-LOCK,6,5/10,8, H=2,6	
340	312155-0323	-		3	SCREW EN 10642 MF6S M5X8 A480	

Pos	Part No	SP	UN	Qty	Description	Page No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1517300-2
ECN 108202

ECM: 108323 - 20021110
Group number: 1517300-0200
Assembly Drawing: 1517300-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
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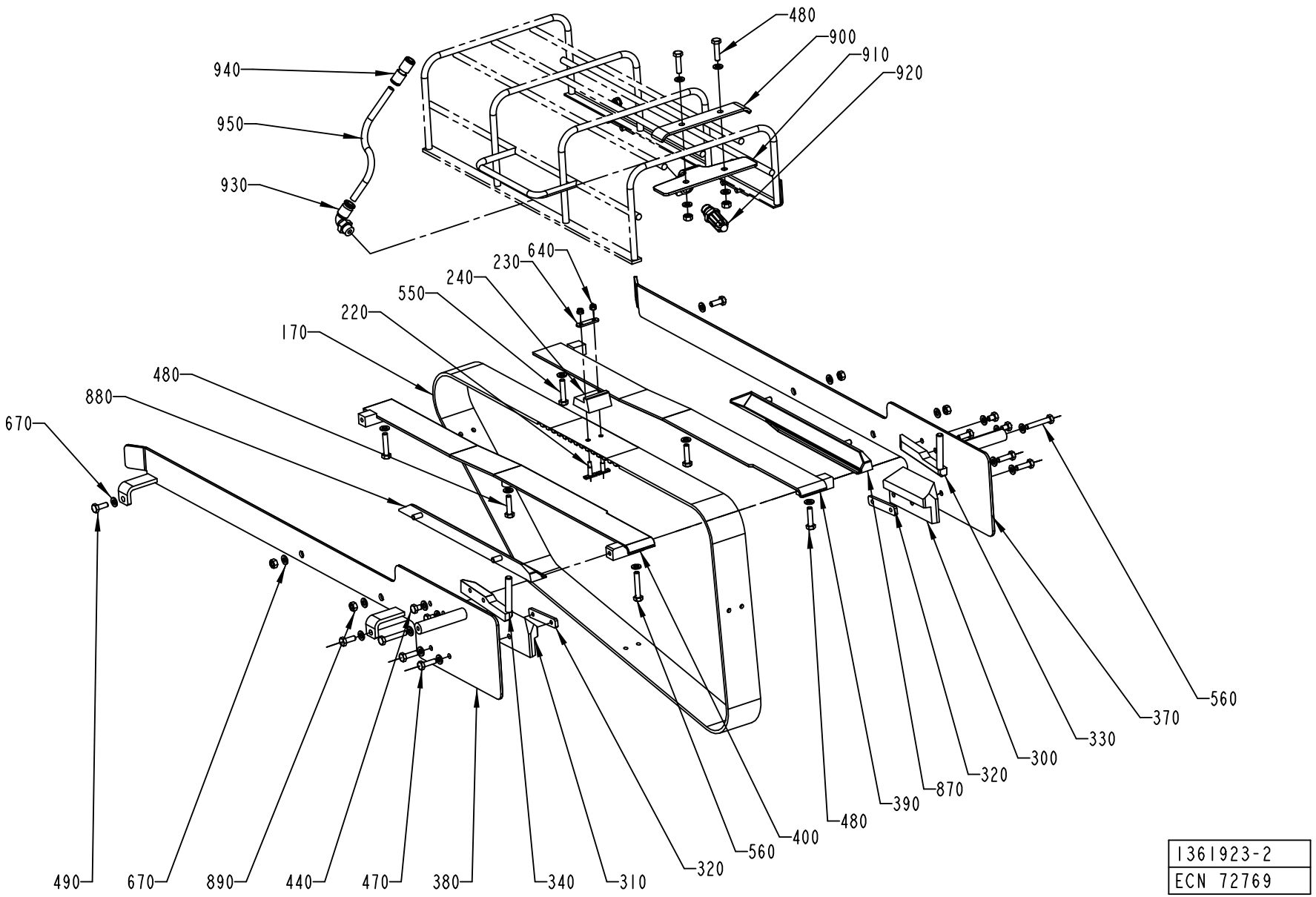
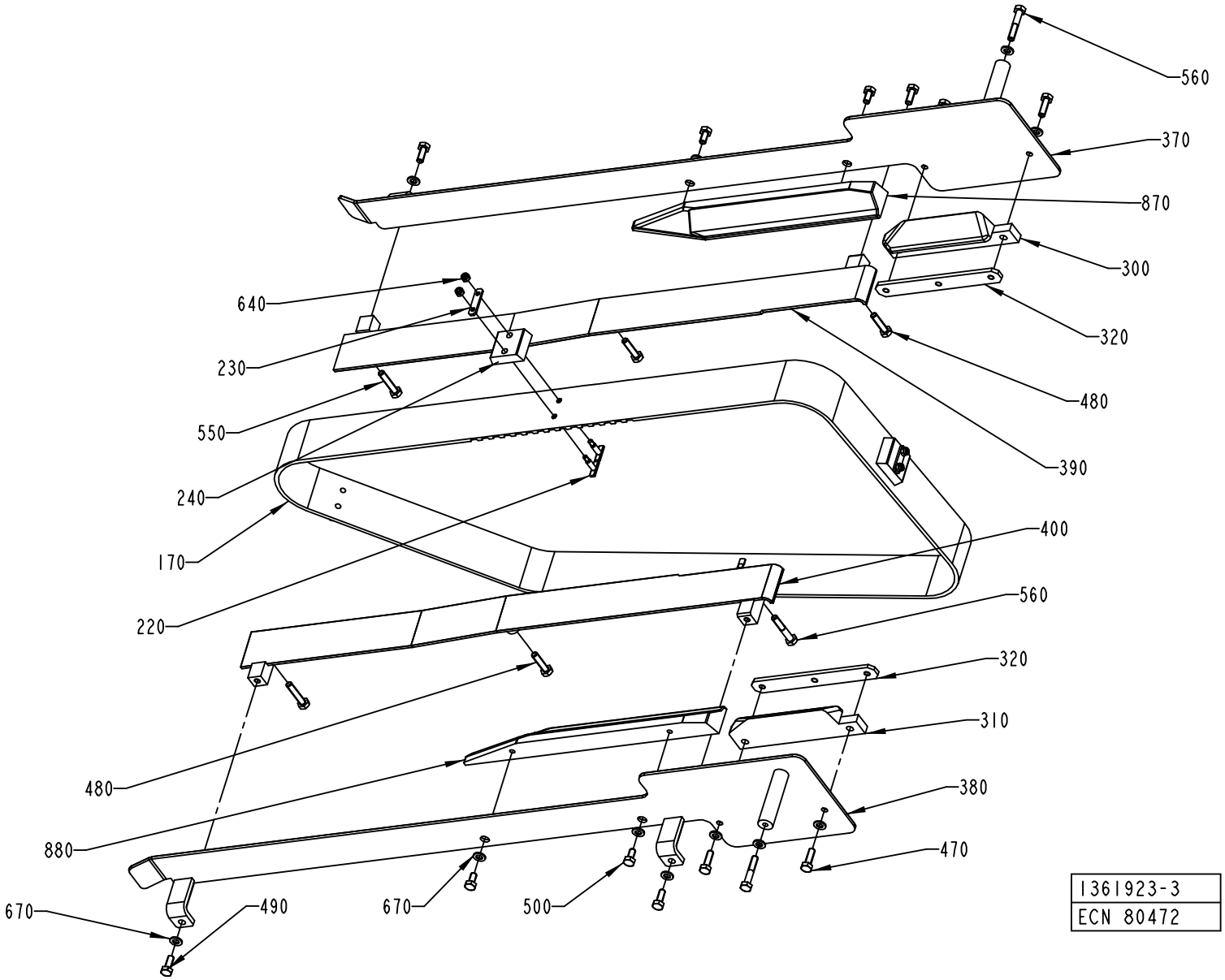
005	1144645-0200	-		1	PROTECTIVE COVER	**733**
010	1144468-0000	A		1	BEARING HOUSING	
020	1144470-0000	A		1	SHAFT	
030	1144581-0000	A		1	ROLLER	
040	1144593-0000	A		1	PLATE	
050	2547015-0000	A		2	TOOTHED PULLEY	
060	1144595-0000	A		1	ECCENTRIC SHAFT	
070	1144596-0000	-		3	PLUG	
080	1144597-0000	-		3	SPACER	
090	1144598-0000	A		2	SHAFT	
100	2547017-0000	A		1	TOOTHED PULLEY	
110	1144619-0000	A		1	SHAFT	
120	90214-0219	A		2	CYL.ROLLER BEARING, 17X40X12 MM	
130	1144625-0000	-		2	SPACER	
140	90091-0404	A		3	RADIAL SEAL 22X40X7 MM DUST LIP	
150	90091-0406	A		2	RADIAL SEAL 25X40X7 MM DUST LIP	
160	1144760-0000	A		1	PLATE	
180	927859-0000	A		1	TOOTHED PULLY	
190	1282681-0000	A		1	TOOTHED PULLEY	
200	1144794-0000	-		1	SUPPORT	
210	1144841-0000	A		1	TIMING BELT	
250	1349329-0000	-		1	SUPPORT	
270	1348957-0000	-		1	BRACKET	
280	2547187-0000	-		1	PLATE	
290	1348963-0000	A		1	SLIDE	
300	1285956-0000	-		2	BLOCK	
310	1285955-0000	-		2	PLATE	
350	1279688-0000	-		1	SUPPORT	
360	1279689-0000	-		1	ACTIVATOR	
410	311103-0407	-		2	PARALLELL PIN ISO2338 8X35 A1	
420	312105-0329	-		9	SCREW M6S ISO 4017 M5X16 A480	
430	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
450	312105-0366	-		3	SCREW M6S M6X12 A280	
460	312105-0368	-		1	SCREW M6S M6X16 A280	
480	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
500	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A480	
510	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
520	312105-0453	-		1	SCREW M6S ISO 4017 M8X25 A480	
530	312105-0495	-		2	SCREW M6S ISO 4017 M10X30 A480	
540	312109-0499	-		9	SCREW M6S ISO 4017 M10X40 A480	
550	312109-0374	-		3	SCREW M6S ISO 4017 M6X30 A480	
570	312109-0463	-		1	SCREW M6S ISO 4017 M8X60 A480	
590	312115-0228	-		4	SCREW ISO4762 M3X16 A4	
600	312125-0327	-		2	SCREW PAN HEAD MCS M5X12 SS	
610	312151-0368	-		3	SCREW HEX.SOCK.COUNT.MF6S 6X16 FZB	
620	312155-0495	-		1	SCREW EN 10642 MF6S M10X30 A480	
630	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
650	315105-0124	-		4	WASHER BRB3,2X6RFR	
660	315105-0146	-		11	WASHER BRB5,3X10RFR	
670	315105-0153	-		12	WASHER BRB6,4X12RFR	
680	315105-0165	-		4	WASHER BRB8,4X16RFR	
700	315105-0173	-		8	WASHER BRB10,5X22RFR	
710	315125-0153	-		4	WASHER TBRSB 6,4X22X4 A4	
720	315125-0165	-		1	WASHER TBRSB 8,4X26X5 A4	
730	315125-0173	-		3	WASHER TBRSB 10,5X28X6 A4	
740	315202-0221	A		3	O-RING 34,2X3 MM	
750	315202-0267	A		2	O-RING 16,3X2,4 MM	
760	315705-0202	A		2	PARALLEL KEY W ROUND ENDS 5X5X25MM	
770	315751-0119	A		1	RETAIN. RING, 25	
780	90141-0019	A		1	RETAIN. RING, 50	
790	321308-0205	A		1	BALL BEARING, 25X47X12MM	
800	321313-0103	A		6	BALL BEARING, 17X40X12MM	
820	90091-0297	A		1	RADIAL SEAL 35X47X7 MM DUST LIP	
850	312125-0287	-		4	SCREW PAN HEAD MCS M4X8 SS	
860	90165-0057	-		6	PIPE CLIP FOR TUBE D=6 MM	
870	312105-0381	-		4	SCREW M6S ISO 4014 M6X55 A480	
880	312105-0376	-		4	SCREW M6S ISO 4014 M6X35 A480	
B5103	90044-0104	A		1	PROX.SWITCH IFM IN 3002	
B5203	90044-0104	A		1	PROX.SWITCH IFM IN 3002	

Machine Type	Group Description	Used-In	Group Number	Page No



1361923-2
ECN 72769

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
220	1346736-0000	A		8	WEDGE	
240	1282287-0000	A		4	CARRIER	
300	1348136-0000	A		1	SLIDE	
310	1348142-0000	A		1	SLIDE	
320	1348169-0000	-		2	PLATE	
330	1348148-0000	-		1	BAR	
340	1348154-0000	-		1	BAR	
370	1499427-0000	-		1	GUIDE	
380	1499426-0000	-		1	GUIDE	
390	1282290-0000	-		1	GUIDE	
400	1282291-0000	-		1	GUIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
670	315105-0153	-		28	WASHER BRB6,4X12RFR	
870	1517526-0000	-		1	GUIDE	
880	1517527-0000	-		1	GUIDE	
890	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
900	1499476-0000	-		1	HOLDER	
910	1499475-0000	-		1	HOLDER	
920	90424-0068	-		1	AIR NOZZLE, G1/4, MOD. 216 BSP	
930	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
940	342728-0103	-		1	PIPE COUPLING 8 MM	
950	90166-0013	-	MM	700	TUBE 8 MM PA BLUE	
TBA 0200S (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
220	1346736-0000	A		8	WEDGE	
240	1282287-0000	A		4	CARRIER	
300	1348134-0000	A		1	SLIDE	
310	1348140-0000	A		1	SLIDE	
320	1348169-0000	-		2	PLATE	
330	1348146-0000	-		1	BAR	
340	1348152-0000	-		1	BAR	
370	1499136-0000	-		1	GUIDE	
380	1499135-0000	-		1	GUIDE	
390	1282290-0000	-		1	GUIDE	
400	1282291-0000	-		1	GUIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
670	315105-0153	-		28	WASHER BRB6,4X12RFR	
870	1517524-0000	-		1	GUIDE	
880	1517525-0000	-		1	GUIDE	
890	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
900	1499476-0000	-		1	HOLDER	
910	1499475-0000	-		1	HOLDER	
920	90424-0068	-		1	AIR NOZZLE, G1/4, MOD. 216 BSP	
930	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
940	342728-0103	-		1	PIPE COUPLING 8 MM	
950	90166-0013	-	MM	700	TUBE 8 MM PA BLUE	
TBA 0250B (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
220	1346736-0000	A		8	WEDGE	
240	1282287-0000	A		4	CARRIER	
300	1348135-0000	A		1	SLIDE	
310	1348141-0000	A		1	SLIDE	
320	1348169-0000	-		2	PLATE	
330	1348147-0000	-		1	BAR	
340	1348153-0000	-		1	BAR	
370	1499427-0000	-		1	GUIDE	
380	1499426-0000	-		1	GUIDE	
390	1282290-0000	-		1	GUIDE	
400	1282291-0000	-		1	GUIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
670	315105-0153	-		28	WASHER BRB6,4X12RFR	
870	1517526-0000	-		1	GUIDE	
880	1517527-0000	-		1	GUIDE	
890	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
900	1499476-0000	-		1	HOLDER	
910	1499475-0000	-		1	HOLDER	
920	90424-0068	-		1	AIR NOZZLE, G1/4, MOD. 216 BSP	
930	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	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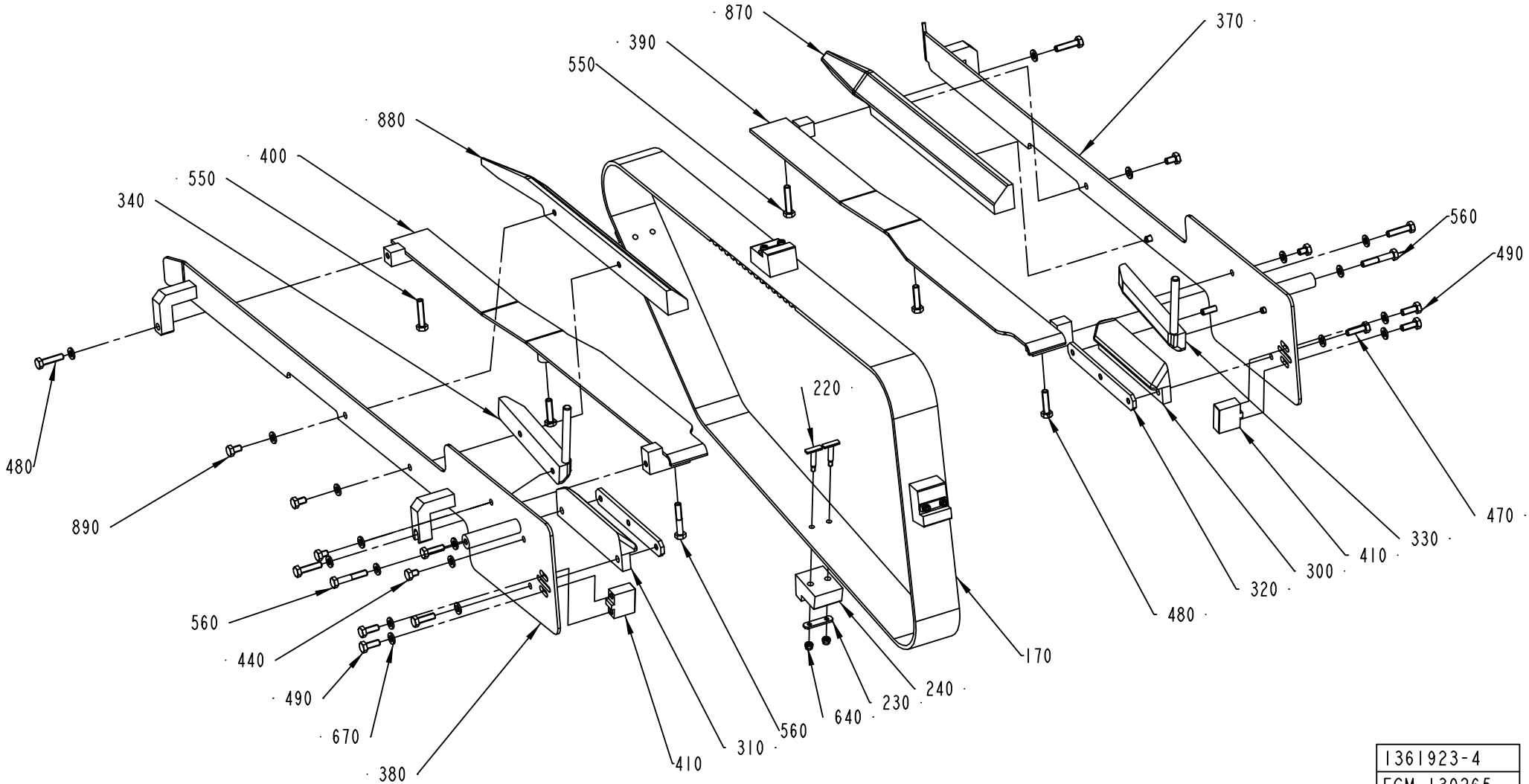
1361923-3
ECN 80472

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0250B (Cont'd) (See drawing on page: 736)						
940	342728-0103	-		1	PIPE COUPLING 8 MM	
950	90166-0013	-	MM	700	TUBE 8 MM PA BLUE	
TBA 0250S (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
220	1346736-0000	A		8	WEDGE	
240	2551120-0000	A		4	CARRIER	
300	2529605-0000	A		1	SLIDE	
310	2529606-0000	A		1	SLIDE	
320	1279409-0000	-		2	PLATE	
330	2529608-0000	-		1	BAR	
340	2529607-0000	-		1	BAR	
370	2529603-0000	-		1	GUIDE	
380	2529604-0000	-		1	GUIDE	
390	1282290-0000	-		1	GUIDE	
400	1282291-0000	-		1	GUIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
670	315105-0153	-		28	WASHER BRB6,4X12RFR	
870	1517524-0000	-		1	GUIDE	
880	1517525-0000	-		1	GUIDE	
890	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
900	1499476-0000	-		1	HOLDER	
910	1499475-0000	-		1	HOLDER	
920	90424-0068	-		1	AIR NOZZLE, G1/4, MOD. 216 BSP	
930	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
940	342728-0103	-		1	PIPE COUPLING 8 MM	
950	90166-0013	-	MM	700	TUBE 8 MM PA BLUE	
TBA 0330S (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
240	1282287-0000	A		4	CARRIER	
300	2544997-0000	A		1	SLIDE	
310	2544998-0000	A		1	SLIDE	
320	1279409-0000	-		2	PLATE	
330	2545000-0000	-		1	BAR	
340	2544999-0000	-		1	BAR	
370	2544996-0000	-		1	GUIDE	
380	2544995-0000	-		1	GUIDE	
390	2529610-0000	-		1	GUIDE	
400	2529609-0000	-		1	GUIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
670	315105-0153	-		16	WASHER BRB6,4X12RFR	
890	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
TBA 0500B (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
240	1558700-0000	A		4	CARRIER	
300	1539874-0000	A		1	SLIDE	
310	1539875-0000	A		1	SLIDE	
320	1539876-0000	-		2	PLATE	
330	1539877-0000	-		1	BAR	
340	1539878-0000	-		1	BAR	
370	1539879-0000	-		1	GUIDE	
380	1539880-0000	-		1	GUIDE	
390	1317651-0000	-		1	GUIDE	
400	1317650-0000	-		1	GUIDE	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
TBA 0500S (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
220	1346736-0000	A		8	WEDGE	
240	1282287-0000	A		4	CARRIER	
300	1499418-0000	A		1	SLIDE	
310	1499422-0000	A		1	SLIDE	
320	1144621-0000	-		2	PLATE	
330	1499417-0000	-		1	BAR	
340	1499423-0000	-		1	BAR	
370	1499401-0000	-		1	GUIDE	
380	1499400-0000	-		1	GUIDE	
390	1317651-0000	-		1	GUIDE	
400	1317650-0000	-		1	GUIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	



1361923-4
ECM 130265

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S (Cont'd) (See drawing on page: 736)						
480	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
TBA 1000B (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
240	1144919-0000	A		4	CARRIER	
300	1348133-0000	A		1	SLIDE	
310	1348139-0000	A		1	SLIDE	
320	1279409-0000	-		2	PLATE	
330	1348144-0000	-		1	BAR	
340	1348150-0000	-		1	BAR	
370	1519089-0000	-		1	GUIDE	
380	1519090-0000	-		1	GUIDE	
390	1282290-0000	-		1	GUIDE	
400	1282291-0000	-		1	GUIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
TBA 1000S (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
240	1144919-0000	A		4	CARRIER	
300	1348132-0000	A		1	SLIDE	
310	1348138-0000	A		1	SLIDE	
320	1279409-0000	-		2	PLATE	
330	1348145-0000	-		1	BAR	
340	1348151-0000	-		1	BAR	
370	1517242-0000	-		1	GUIDE	
380	1517243-0000	-		1	GUIDE	
390	1317651-0000	-		1	GUIDE	
400	1317650-0000	-		1	GUIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
TBA 1000SQ (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
300	1490033-0000	A		1	SLIDE	
310	1490034-0000	A		1	SLIDE	
320	1144621-0000	-		2	PLATE	
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370	1512308-0000	-		1	GUIDE	
380	1512307-0000	-		1	GUIDE	
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440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
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480	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
TBA 1500S (See drawing on page: 736)						
170	1349152-0000	A		1	TIMING BELT	
220	1346471-0000	A		6	WEDGE	
230	1144918-0000	-		3	PLATE	
240	1282848-0000	A		3	CARRIER	
300	1334561-0000	A		1	SLIDE	
310	1334562-0000	A		1	SLIDE	
320	1144621-0000	-		2	PLATE	
330	1317805-0000	-		1	BAR	
340	1334271-0000	-		1	BAR	
370	1519093-0000	-		1	GUIDE	
380	1519094-0000	-		1	GUIDE	
390	1478215-0000	-		1	SLIDE	
400	1478214-0000	-		1	SLIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
TPA 0250SQ (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	

See previous drawings pages: 736, 738, 740.

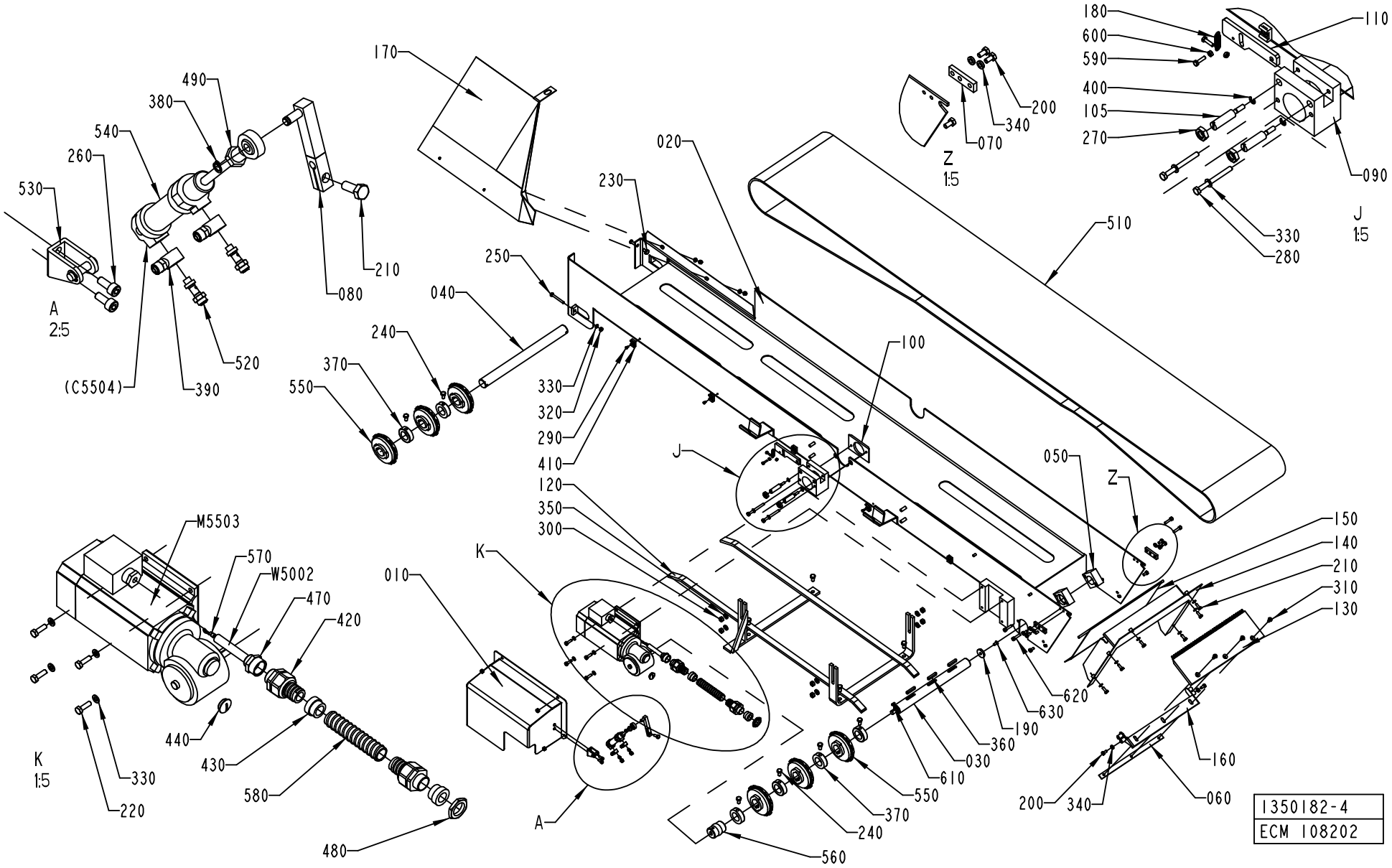
Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0250SQ (Cont'd) (See drawing on page: 736)						
220	1346736-0000	A		8	WEDGE	
240	1558864-0000	A		4	CARRIER	
300	1549852-0000	A		1	SLIDE	
310	1549853-0000	A		1	SLIDE	
320	1144621-0000	-		2	PLATE	
330	1549854-0000	-		1	BAR	
340	1549855-0000	-		1	BAR	
370	1549856-0000	-		1	GUIDE	
380	1549857-0000	-		1	GUIDE	
390	1317651-0000	-		1	GUIDE	
400	1317650-0000	-		1	GUIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
500	312105-0364	-		4	SCREW M6S ISO 4017 M6X10 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
670	315105-0153	-		24	WASHER BRB6,4X12RFR	
870	1539894-0000	-		1	GUIDE	
880	1539895-0000	-		1	GUIDE	
890	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
900	1499476-0000	-		1	HOLDER	
910	1499475-0000	-		1	HOLDER	
920	90424-0068	-		1	AIR NOZZLE, G1/4, MOD. 216 BSP	
930	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
940	342728-0103	-		1	PIPE COUPLING 8 MM	
950	90166-0013	-	MM	700	TUBE 8 MM PA BLUE	
TPA 0330SQ (See drawing on page: 738)						
170	1144783-0000	A		1	TIMING BELT	
220	1346736-0000	A		8	WEDGE	
240	1558864-0000	A		4	CARRIER	
300	1532257-0000	A		1	SLIDE	
310	1532258-0000	A		1	SLIDE	
320	1144621-0000	-		2	PLATE	
370	1532261-0000	-		1	GUIDE	
380	1532262-0000	-		1	GUIDE	
390	1317651-0000	-		1	GUIDE	
400	1317650-0000	-		1	GUIDE	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
500	312105-0366	-		4	SCREW M6S M6X12 A280	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
870	1532263-0000	-		1	GUIDE	
880	1532264-0000	-		1	GUIDE	
TPA 0500SQ (See drawing on page: 740)						
170	1144783-0000	A		1	TIMING BELT	
240	1532256-0000	A		4	CARRIER	
300	1549513-0000	A		1	SLIDE	
310	1549514-0000	A		1	SLIDE	
320	1144621-0000	-		2	PLATE	
330	1549515-0000	-		1	BAR	
340	1549516-0000	-		1	BAR	
370	1549517-0000	-		1	GUIDE	
380	1549518-0000	-		1	GUIDE	
390	1549523-0000	-		1	GUIDE	
400	1549522-0000	-		1	GUIDE	
410	2545545-0000	-		2	INSERT	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0372	-		7	SCREW M6S ISO 4017 M6X25 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
670	315105-0153	-		28	WASHER BRB6,4X12RFR	
870	1539983-0000	-		1	GUIDE	
880	1539984-0000	-		1	GUIDE	
890	312105-0364	-		4	SCREW M6S ISO 4017 M6X10 A480	
TPA 1000S (See drawing on page: 736)						
170	1144783-0000	A		1	TIMING BELT	
240	1144919-0000	A		4	CARRIER	
300	1348137-0000	A		1	SLIDE	
310	1348143-0000	A		1	SLIDE	
320	1279409-0000	-		2	PLATE	
330	1348149-0000	-		1	BAR	
340	1348155-0000	-		1	BAR	
370	1517244-0000	-		1	GUIDE	
380	1517245-0000	-		1	GUIDE	
390	1317651-0000	-		1	GUIDE	
400	1317650-0000	-		1	GUIDE	
440	312105-0362	-		4	SCREW M6S ISO 4017 M6X8 A480	

Machine Type | Group Description | Used-In | Group Number | Page No

See previous drawings pages: 736, 738, 740.

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000S (Cont'd) (See drawing on page: 736)						
470	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
480	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
550	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
640	312812-0312	-		8	HEXAGON NUT, NY-LOCK M4 A480	
TPA 1000SQ (See drawing on page: 736)						
170	1519338-0000	A		1	TIMING BELT	
220	1517476-0000	A		6	WEDGE	
230	1517477-0000	-		3	PLATE	
240	1519344-0000	A		3	CARRIER	
300	1517481-0000	A		1	SLIDE	
310	1517480-0000	A		1	SLIDE	
320	2543242-0000	-		2	ANGLE BLOCK	
330	1517478-0000	-		1	BAR	
340	1517479-0000	-		1	BAR	
370	1517474-0000	-		1	GUIDE	
380	1517475-0000	-		1	GUIDE	
390	1519345-0000	-		1	GUIDE	
400	1519346-0000	-		1	GUIDE	
440	312105-0366	-		4	SCREW M6S M6X12 A280	
470	312105-0368	-		4	SCREW M6S M6X16 A280	
480	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
500	312105-0364	-		4	SCREW M6S ISO 4017 M6X10 A480	
550	312109-0376	-		2	SCREW M6S ISO 4017 M6X35 A480	
560	312105-0376	-		3	SCREW M6S ISO 4014 M6X35 A480	
870	1539983-0000	-		1	GUIDE	
880	1539984-0000	-		1	GUIDE	
Common Parts						
220	1346471-0000	A		8	WEDGE	
230	1144918-0000	-		4	PLATE	
240	1282848-0000	A		4	CARRIER	
480	312105-0372	-		5	SCREW M6S ISO 4017 M6X25 A480	
490	312105-0368	-		4	SCREW M6S M6X16 A280	
640	312812-0312	-		6	HEXAGON NUT, NY-LOCK M4 A480	
670	315105-0153	-		20	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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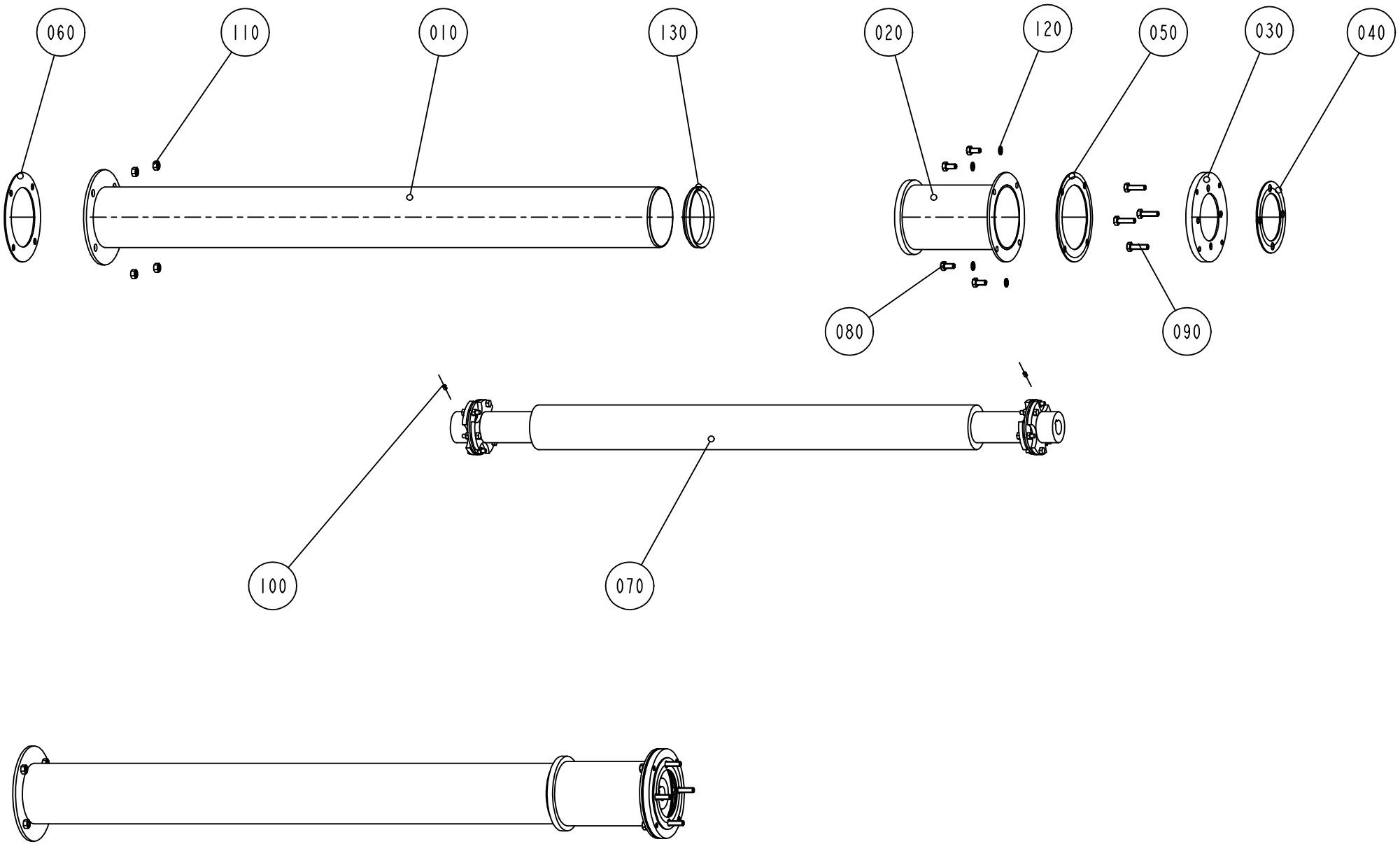
1350182-4
ECM 108202

ECM: 108452 - 20021110
Group number: 1350182-0300
Assembly Drawing: 1350182-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2547468-0000	-		1	MOTOR COVER	
020	2547444-0000	-		1	CHUTE	
030	2531503-0000	-		1	SHAFT	
040	1037562-0000	-		1	SHAFT	
050	2531504-0000	A		2	BEARING	
060	1129253-0000	-		1	FASTENING PLATE	
070	1140208-0000	-		2	BRACKET	
080	1140641-0000	-		1	ARM	
090	1346311-0000	-		1	HOLDER	
100	1282348-0000	-		1	FASTENING PLATE	
105	1346312-0000	-		2	SCREW	
110	1346313-0000	-		1	PLATE	
120	1478740-0000	-		1	BRACKET	
130	1296842-0000	-		1	GUARD PLATE	
140	1296843-0000	-		1	FRAME	
150	1296844-0000	-		1	HATCH	
160	1296845-0000	-		1	BRACKET	
170	1511238-0000	-		1	COVER	
180	1349187-0000	-		1	SPRING	
190	1538977-0000	-		1	WASHER	
200	312105-0366	-		8	SCREW M6S M6X12 A280	
210	312105-0368	-		7	SCREW M6S M6X16 A280	
220	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
230	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A480	
240	312105-0449	-		10	SCREW M6S ISO 4017 M8X16 A480	
250	312109-0380	-		2	SCREW M6S ISO 4017 M6X50 A480	
260	312115-0327	-		2	SCREW ISO4762 M5X12 A4	
270	312625-0322	-		2	HEXAGON THIN NUT, EN 24035 ML6M M12 A4	
280	312105-0383	-		2	SCREW M6S ISO 4014 M6X65 A480	
290	312125-0285	-		5	SCREW SLOT.PAN HD. MCS 4X6 A480	
300	312605-0318	-		6	HEXAGON NUT, M6M M8 A280	
310	312155-0368	-		3	SCREW EN 10642 MF6S M6X16 A480	
320	312605-0316	-		7	HEXAGON NUT, M6M M6 A280	
330	315105-0153	-		18	WASHER BRB6,4X12RFR	
340	315115-0153	-		6	WASHER PLAIN, TBRB 6,4/12 H=3	
350	315115-0165	-		6	WASHER PLAIN, TBRB 8,4/16 H=3	
360	315705-0238	-		3	PARALLEL KEY W. ROUND ENDS 6X6X36 MM	
370	315742-0122	-		6	COLLAR, 30/55, H=15	
380	315751-0103	-		1	RETAIN. RING, 6	
390	342980-0112	-		2	BANJO-CONNECTION,RING 6/4-M6	
400	315755-0107	-		2	LOCKING WASHER 5	
410	352113-0203	-		5	ANCHOR PLATES FOR STRIPS, TYPE TM3S8-M0	
420	353243-0005	-		2	EXTENDED WITHOUT INSERT, PG16	
430	353249-0014	-		2	INSERT, SINGEL HOLE, EK 154/16	
440	90002-0009	-		1	BLANK-OFF PLUG, PR 18.6 SKINDICHT-BLK11	
470	90089-0017	-		1	REDUCING SLEEVE, PR18,6/PR22,5	
480	90099-0110	-		1	NUT, PR 22,5 (PG16)	
490	90115-0173	A		1	ROD END, ID=6 MM, M6X1	
510	90155-0028	A		1	CONVEYOR CHAIN, INTRALOX900	
520	90235-0290	-		2	THROTTLE CHECK VALVES M5	
530	90239-0486	-		1	REAR,CLEVIS,MINI-ISO 16	
540	90239-0842	A		1	DOUBLE ACTING, MINI-ISO, CYL.16-50	
550	90344-0073	A		6	TOOTHED WHEEL	
560	445848-0000	A		1	ELASTIC COUPLING	
570	353101-0130	-		5	CABLE SHOE 1,5-2,5MM2 BLUE	
580	90152-0051	-	MM	2200	SPIRAL CONDUIT, 25X18, UL 1816	
590	312105-0293	-		2	SCREW M6S ISO 4017 M4X16 A480	
600	312605-0312	-		2	HEXAGON NUT, M6M M4 A280	
610	315705-0166	-		1	PARALLEL KEY W. ROUND ENDS 4X4X12 MM	
620	312115-0372	-		4	SCREW ISO4762 M6X25 A4	
630	312155-0366	-		1	SCREW EN 10642 MF6S M6X12 A480	
M5503	2531993-0000	A		1	WORM GEAR MOTOR	
W5002	351150-0418	-	M	5	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	

Machine Type | Group Description | Used-In | Group Number | Page No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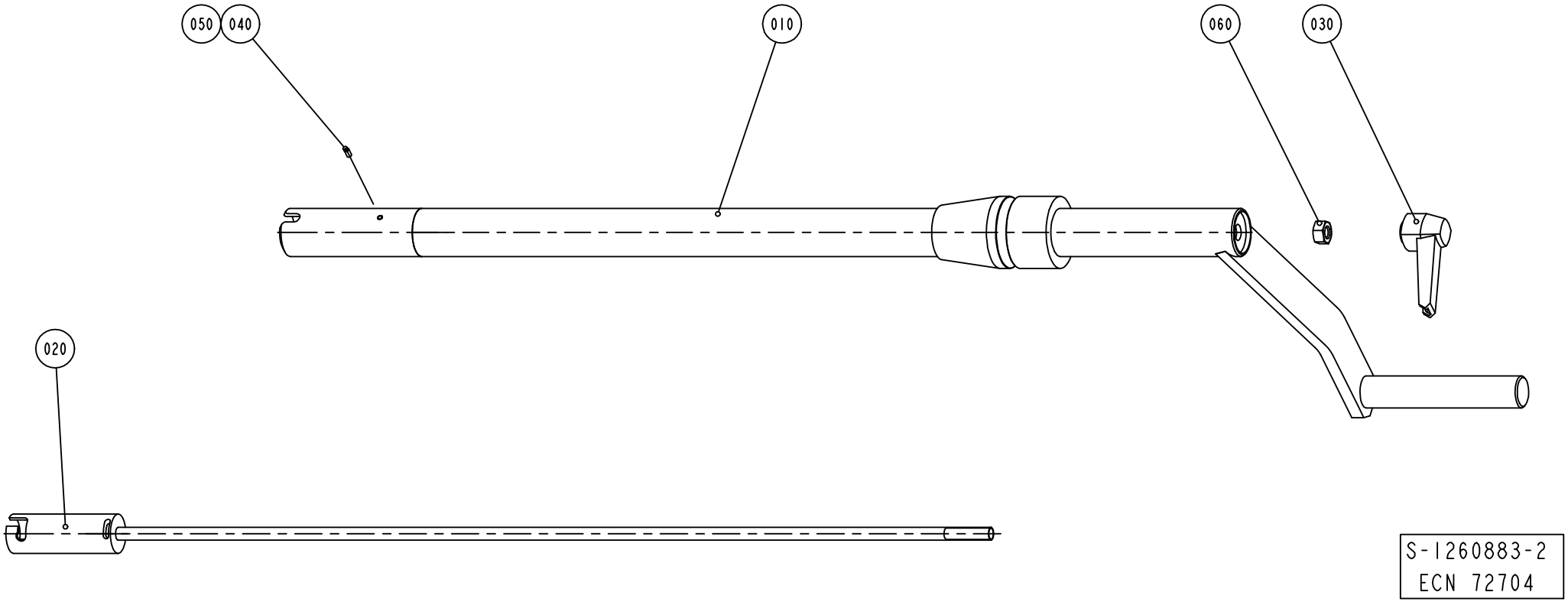
ECM: 71809 - 19980807
Group number: 1260884-0100
Assembly Drawing: 1260884-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1129052-0000	-		1	PROTECTION	
020	1140559-0000	-		1	MUFF	
030	1140560-0000	-		1	ADAPTER	
040	1140561-0000	-		1	GASKET	
050	1140562-0000	-		1	GASKET	
060	1282244-0000	-		1	GASKET	
070	90356-0015	D		1	UNIVERSAL JOINT SHAFT	
080	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
090	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
100	312318-0323	-		2	SCREW ISO4029 M5X8 A4	
110	312605-0318	-		4	HEXAGON NUT, M6M M8 A280	
120	315211-0104	-		4	GASKET BOLT HEAD 8,7X14X1 MM M8	
130	315220-0241	-		1	V-RINGS 99X113X18 MM V-110S	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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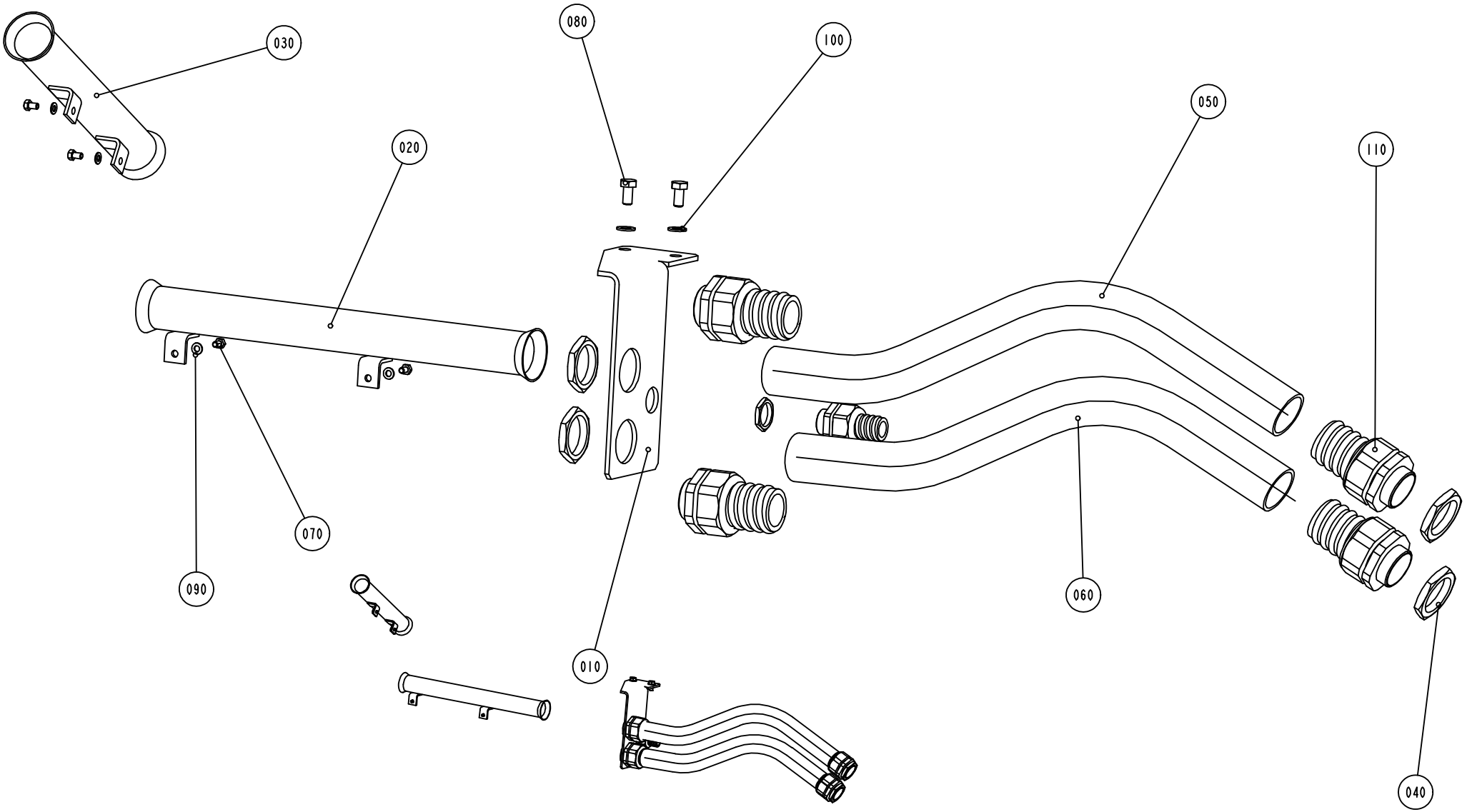
S-1260883-2
ECN 72704

ECM: 72704 - 19991007
Group number: 1260883-0200
Assembly Drawing: 1260883-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1260712-0000	D		1	CRANK	
020	1140082-0000	D		1	LOCK SHAFT	
030	90117-0030	-		1	LOCKING HANDLE, M8/F	
040	90157-0016	-		1	LOCKING FLUID	
050	312318-0220	-		1	SCREW ISO4029 M3X6 A4	
060	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

ELECTRICAL CONNECTION

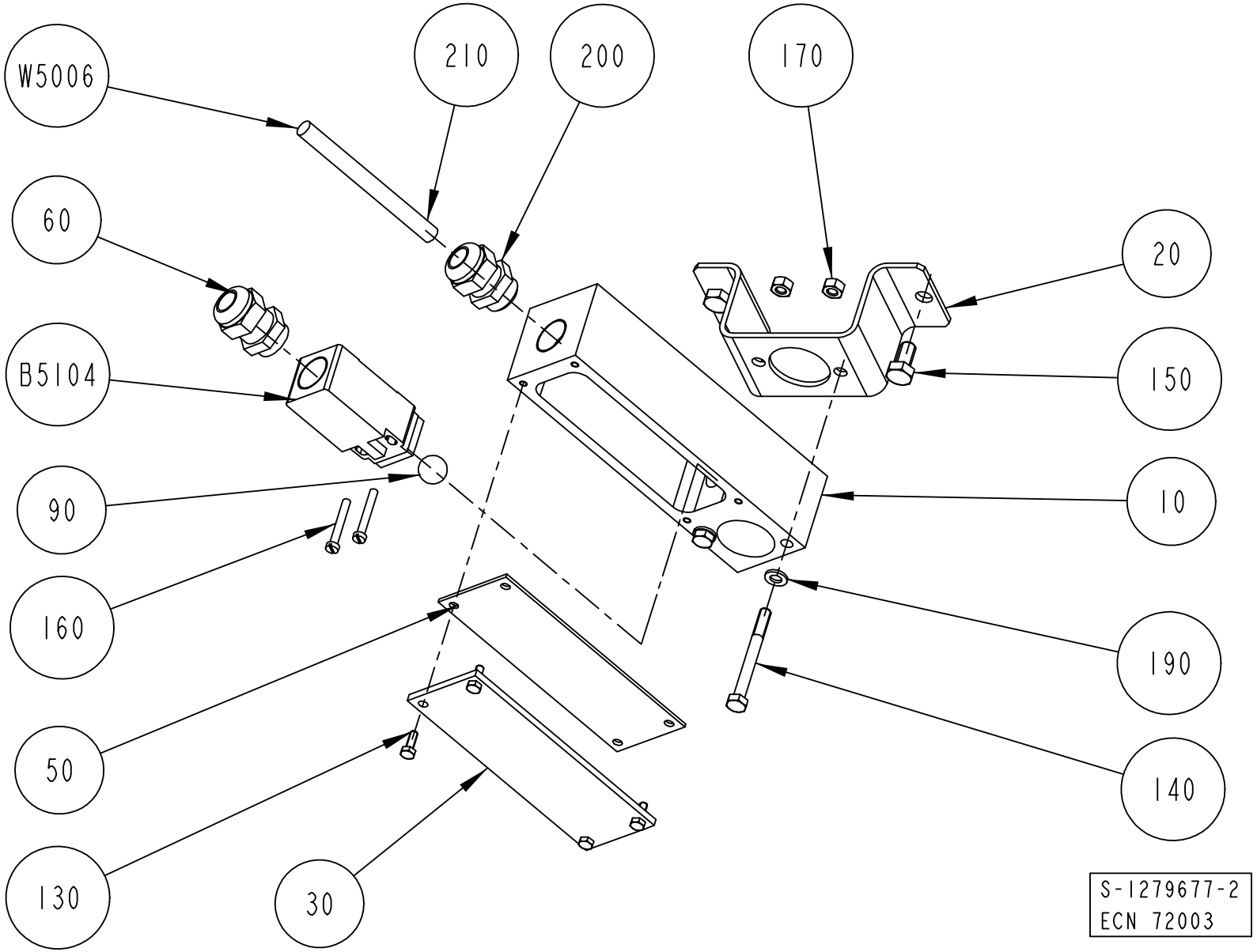


ECM: 70503 - 19970718
Group number: 1260881-0100
Assembly Drawing: 1260881-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1279472-0000	-		1	BRACKET	
020	1279473-0000	-		1	PIPE	
030	1279680-0000	-		1	PIPE	
040	90099-0120	-		4	MUTTER PR 37 (PG29)	
050	90152-0060	-	MM	500	SPIRAL CONDUIT, 42X35, UL3529	
060	90152-0060	-	MM	500	SPIRAL CONDUIT, 42X35, UL3529	
070	312105-0323	-		4	SCREW M6S ISO 4017 M5X8 A480	
080	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
090	315103-0146	-		4	BRICKA, BRB, 5,3/10,H=1 NI PL BR	
100	315103-0165	-		2	WASHER PLAIN, BRB, 8,4/16,H=1,5 NIPL BR	
110	353243-0008	-		4	EXTENDED WITHOUT INSERT, PG29	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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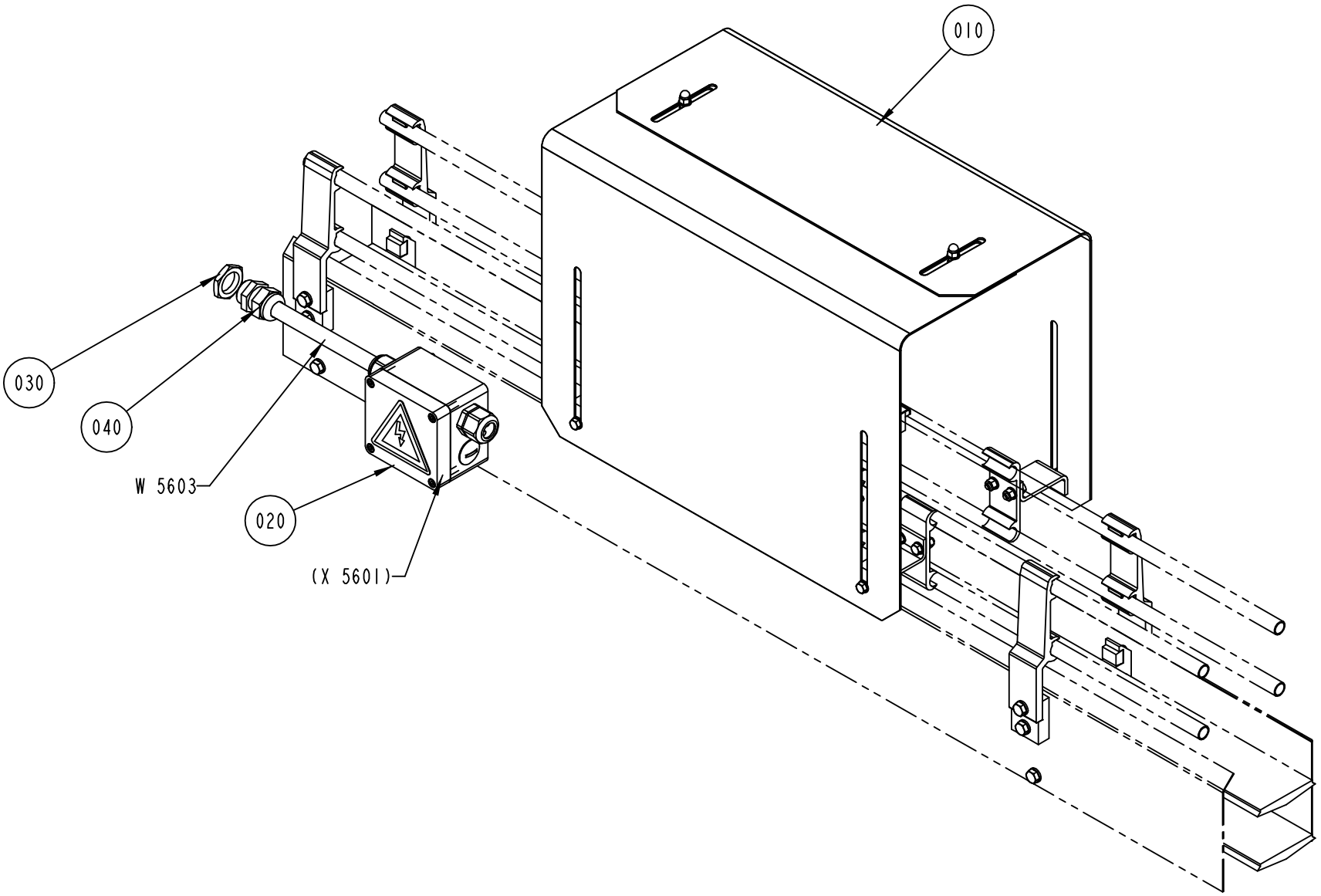
S-1279677-2
ECN 72003

ECM: 72003 - 19981216
Group number: 1279677-0100
Assembly Drawing: 1279677-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346307-0000	-		1	HOLDER	
020	1348990-0000	-		1	SUPPORT	
030	1348663-0000	-		1	PLATE	
050	1348635-0000	-		1	RUBBER SEAL	
060	1349020-0000	-		1	GLAND FITTING	
090	90090-0016	-		1	BALL, D=15 MM	
130	312105-0291	-		4	SCREW M6S ISO 4017 M4X12 A480	
140	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
150	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
160	312125-0299	-		2	SCREW PAN HEAD MCS M4X30 SS	
170	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
190	315105-0153	-		2	WASHER BRB6,4X12RFR	
200	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
210	353001-0103	-		4	END SLEEVE 0,75 MM2	
B 5104	1144653-0000	C		1	SWITCH	
W 5006	351150-0405	-	MM	5000	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

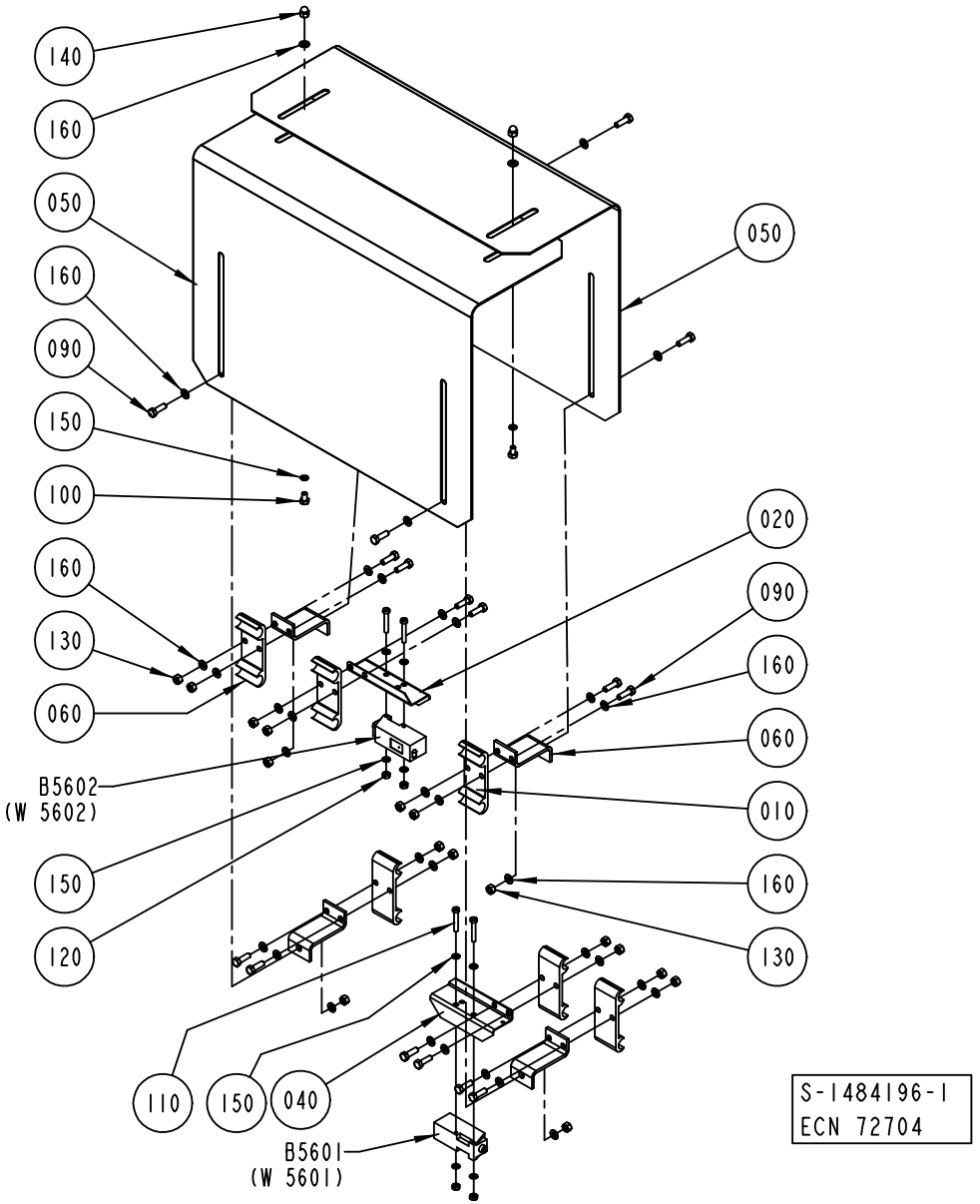


S-1484198-1
ECN 72704

ECM: 72704 - 19991007
Group number: 1484198-0100
Assembly Drawing: 1484198-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1484196-0100	-		1	PACK COUNTER	**759**
020	1484197-0100	-		1	CONNECTION BOX	**761**
030	90099-0118	-		1	NUT, PR 20,4 (PG13,5)	
040	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
W5603	351150-0405	-	M	100	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No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B5601
(W 5601)
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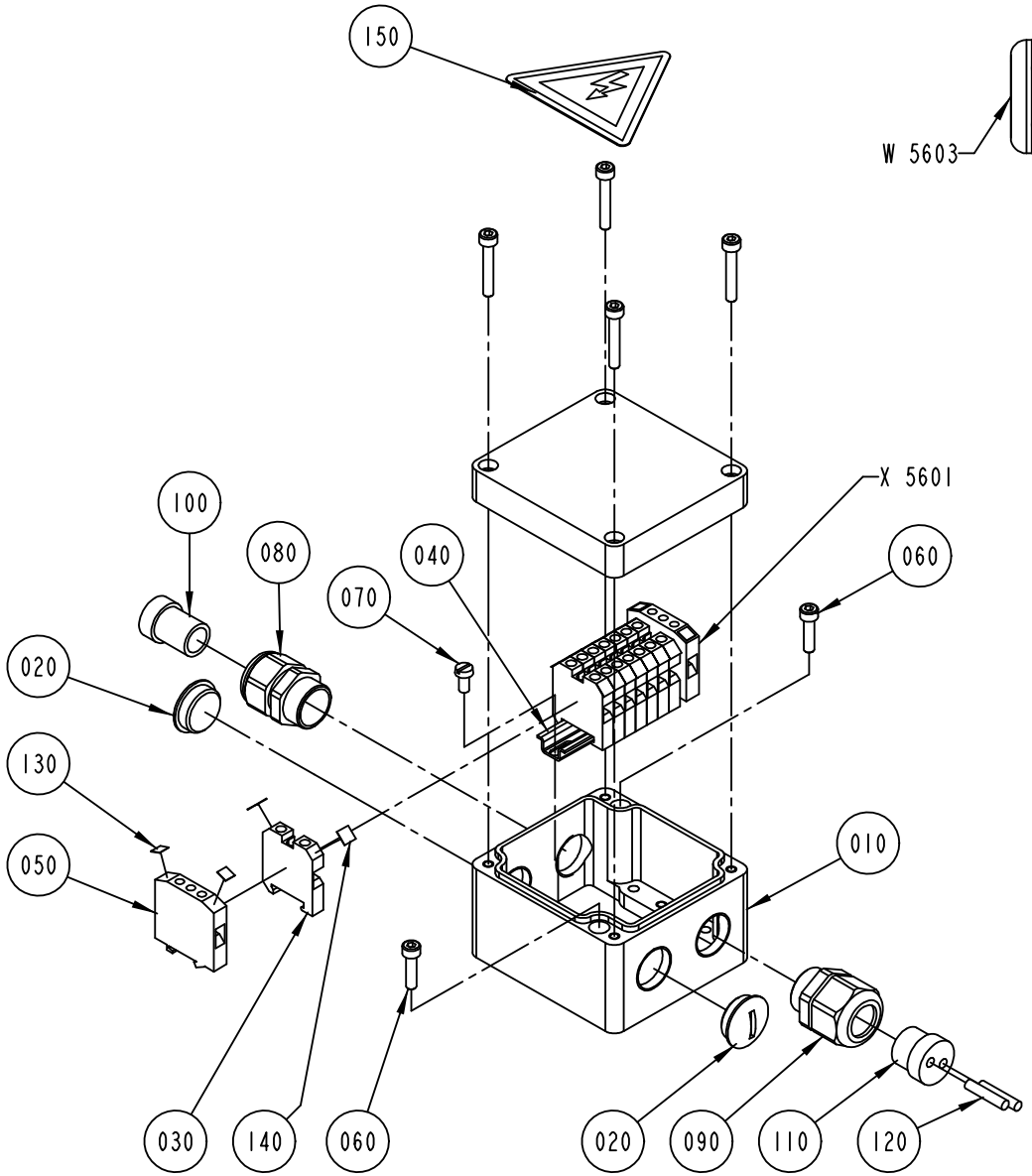
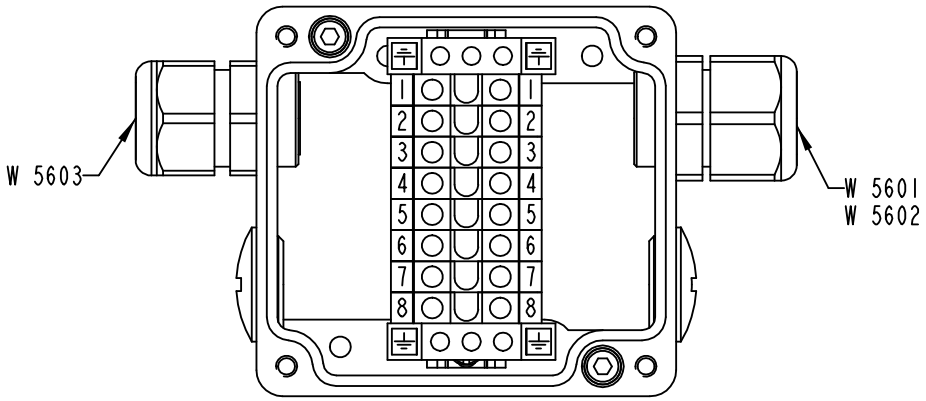
S-1484196-1
ECN 72704

ECM: 72704 - 19991007
Group number: 1484196-0100
Assembly Drawing: 1484196-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1020637-0000	-		6	HOLDER	
020	1086889-0000	-		1	COVER	
030	1020638-0000	-		6	HOLDER	
040	1086888-0000	-		1	COVER	
050	1349566-0000	-		2	COVER	
060	1478659-0000	-		4	BRACKET	
090	312105-0329	-		16	SCREW M6S ISO 4017 M5X16 A480	
100	312105-0323	-		2	SCREW M6S ISO 4017 M5X8 A480	
110	312125-0297	-		4	SCREW PAN HEAD MCS M4X25 SS	
120	312605-0312	-		4	HEXAGON NUT, M6M M4 A280	
130	312605-0314	-		16	HEXAGON NUT, M6M M5 A280	
140	312705-0314	-		2	NUT HEX. DOMED CAP MHM-6 M5 A280	
150	315105-0136	-		8	WASHER BRB4,3XRFR	
160	315105-0146	-		42	WASHER BRB5,3X10RFR	
B5601	90232-0103	-		1	PH.CELL E3S-CT61-L-5M	
B5602	90232-0104	-		1	PH.CELL E3S-CT61-D-5M	

Pos	Part No	SP	UN	Qty	Description	Page No





S-1484197-1
ECN 72704

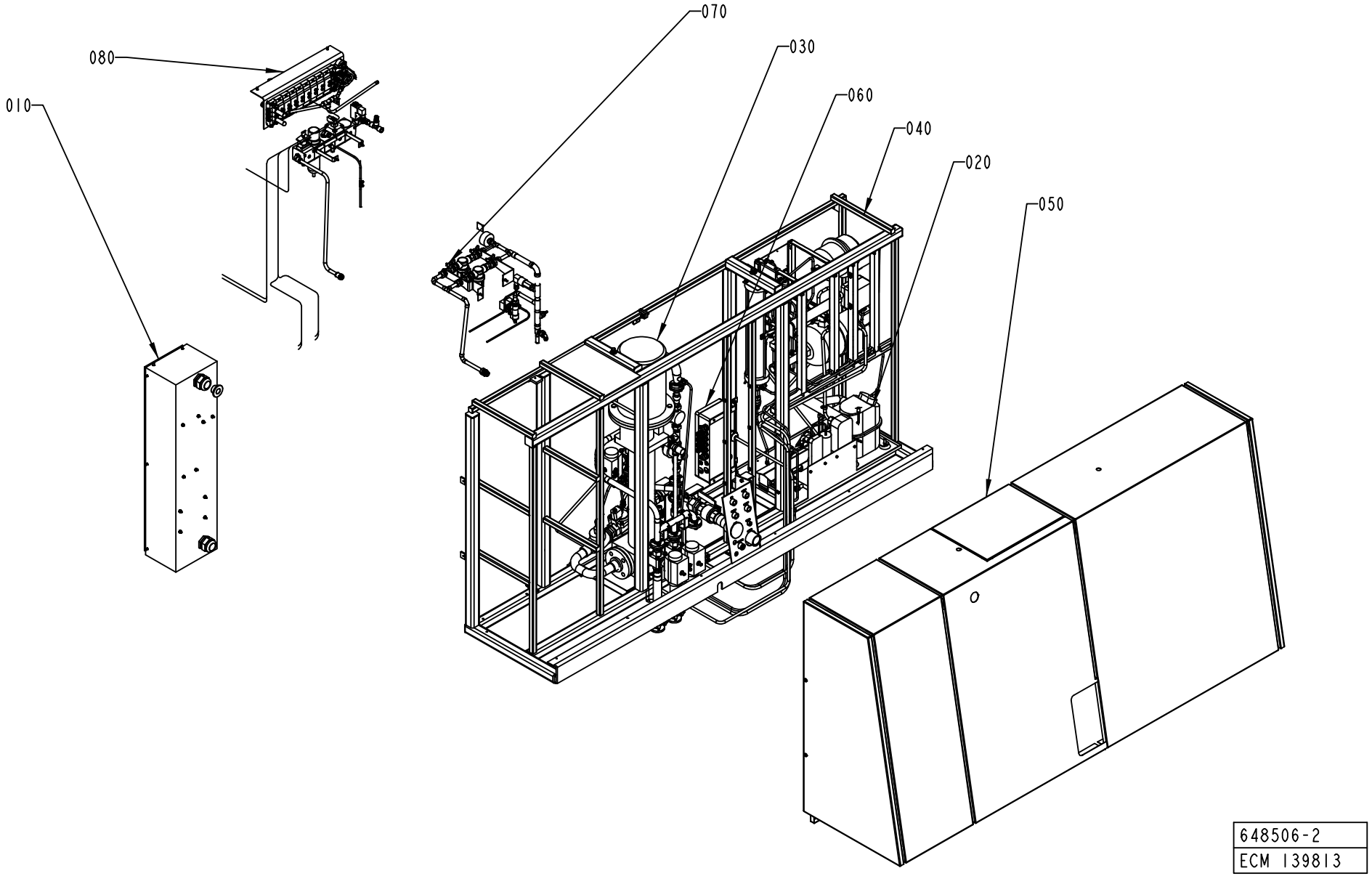
ECM: 72704 - 19991007
Group number: 1484197-0100
Assembly Drawing: 1484197-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1349568-0000	-		1	CONNECTION BOX	
020	90002-0009	-		2	BLANK-OFF PLUG, PR 18.6 SKINDICHT-BLK11	
030	90077-0079	-		8	FEED THROUGH TERMINAL, 02943.6	
040	90077-0328	-	MM	65	RAIL TS15/5	
050	90135-0026	-		2	EARTH TERMINAL, 3802.6	
060	312115-0293	-		2	SCREW ISO4762 M4X16 A4	
070	312125-0287	-		2	SCREW PAN HEAD MCS M4X8 SS	
080	353240-0002	-		1	NORMAL WITHOUT INSERT, PG 11	
090	353241-0002	-		1	EXTENDED WITHOUT INSERT, PG 11	
100	353249-0003	-		1	INSERT, SINGEL HOLE, E151/11	
110	353249-0036	-		1	INSERT, MULTI HOLE, EK152 M 2X4	
120	353249-0301	-		2	SEALING PIN, 4X20	
130	359011-0819	-		4	MARKING PLATES 5-GW (EARTH)	
140	359011-0821	-		2	SET OF SIGNS 6-FW 1-50	
150	359705-0015	-		1	WARNING SIGN ISO, RISK OF ELECTRIC SHOCK	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC
Spare Parts Catalogue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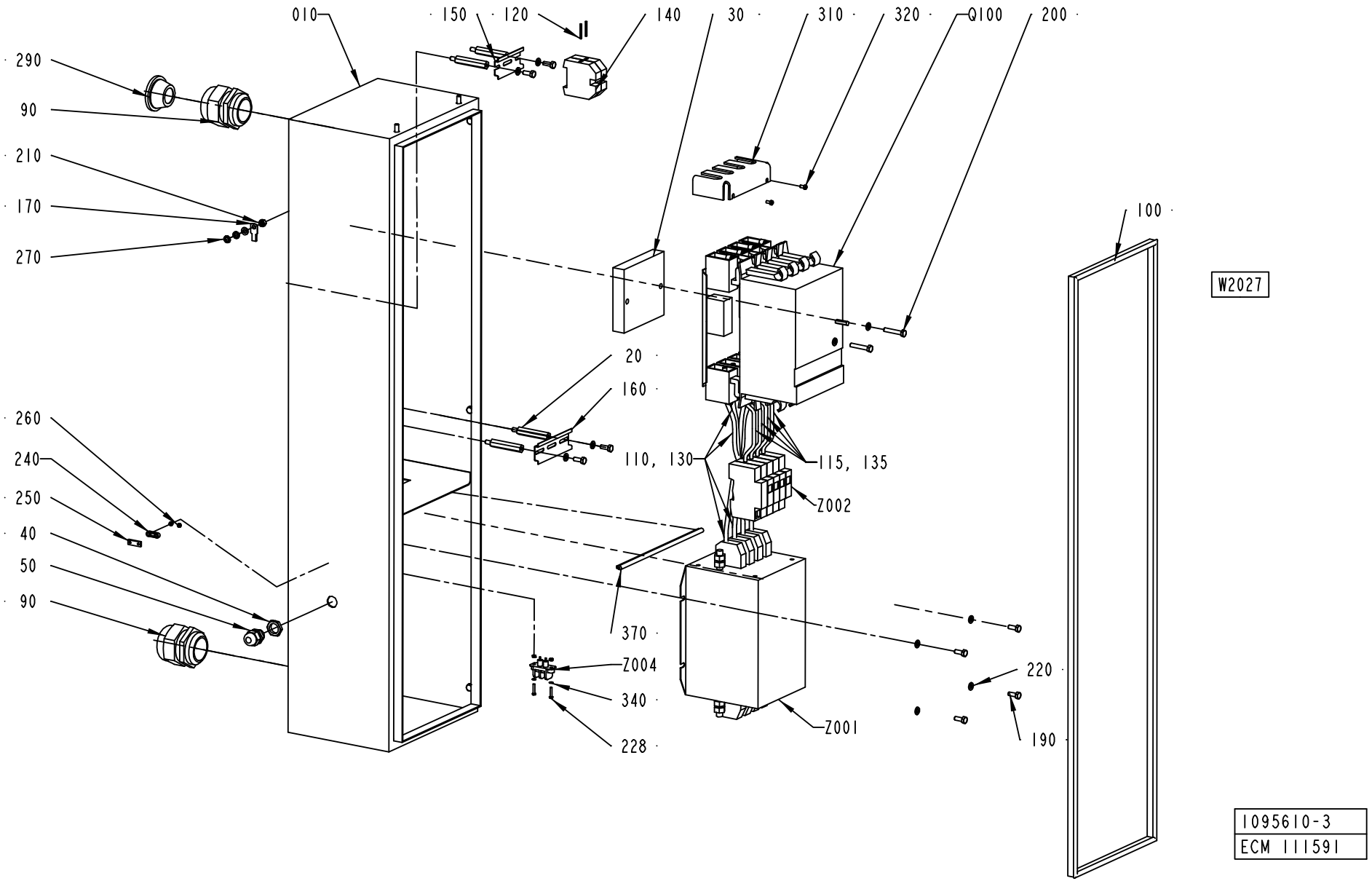
648506-2
ECM 139813

ECM: 140330 - 20030923
Group number: 648506-0400
Assembly Drawing: 648506-2_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095610-0300	-		1	MAIN SWITCH	**767**
020	1095612-0300	-		1	COOLING WATER SYSTEM	**769, 771**
030	1095627-0300	-		1	FOAM CLEANING UNIT	**787**
040	2613034-0100	-		1	MACHINE BODY	**803**
050	1095607-0200	-		1	COVERING PANEL	**805**
060	1095630-0200	-		1	CONNECTION BOX	**823**
070	1095608-0100	-		1	WATER PANEL	**825, 827**
080	1095714-0300	-		1	SUPPLY SYSTEM	**829**

Pos	Part No	SP	UN	Qty	Description	Page No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Q100
200
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W2027
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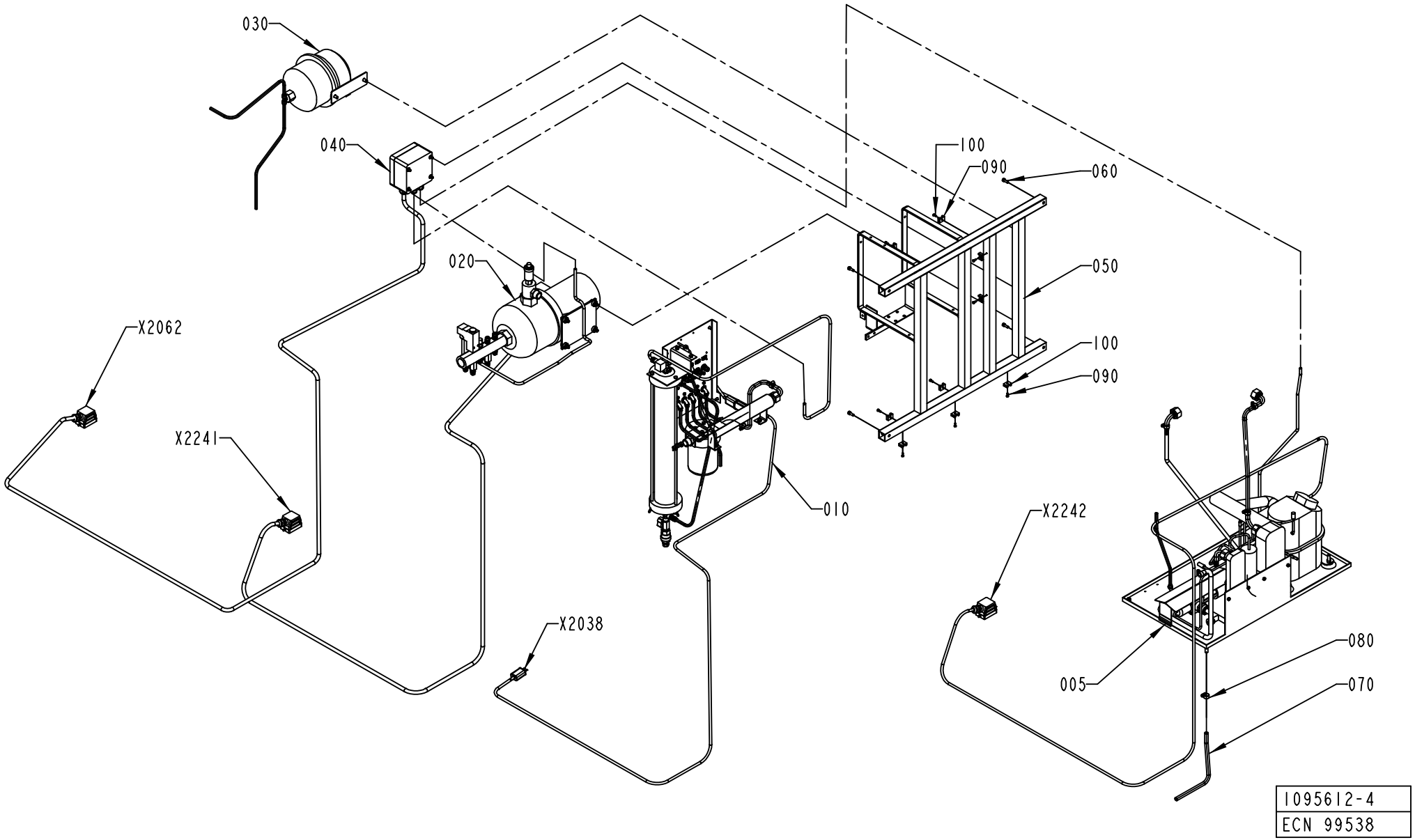
250
40
50
90
110, 130
115, 135
Z002
370
Z004
340
228
Z001
220
190
1095610-3
ECM 111591

ECM: 117187 - 20030403
Group number: 1095610-0300
Assembly Drawing: 1095610-3_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2524515-0000	-		1	CABINET	
020	1037184-0000	-		4	SPACER SCREW	
030	1037531-0000	-		1	SPACER PLATE	
040	90099-0117	-		1	NUT, PR 18,6 (PG11)	
050	352103-0106	-		1	CABLE GLAND, ST 11, PR18,6/PG11	
060	90099-0085	-		1	NUT	
070	90099-0096	-		1	NUT	
090	352103-0123	-		2	CABLE GLAND, ST 42, PR54,0/PG42	
100	90143-0057	-	MM	2600	STRIP EMKA 1011-05 21X11MM	
110	351161-0110	-	MM	2400	CABLE AWM 1X25 MM2 LIGHTBLUE	
115	351161-0111	-	MM	240	CABLE AWM 1X35 MM2 LIGHTBLUE	
120	351162-0109	-	MM	850	CABLE AWM 1X16 MM2 YELLOW-GREEN	
130	351164-0110	-	MM	6000	CABLE AWM 1X25 MM2 BLACK	
135	351164-0111	-	MM	600	CABLE AWM 1X35 MM2 BLACK	
140	353024-0209	-		2	EARTH TERMINAL, 1010.5	
150	353042-0005	-	MM	75	RAIL TS 35/7.5	
160	353042-0005	-	MM	100	RAIL TS 35/7.5	
170	353104-0168	-		1	CABLE SHO YAV 16 M6*	
180	353105-0200	-		9	PIN CABLE SKO A4630SR	
190	312105-0368	-		13	SCREW M6S M6X16 A280	
200	312105-0376	-		2	SCREW M6S ISO 4014 M6X35 A480	
210	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
220	315105-0153	-		16	WASHER BRB6,4X12RFR	
230	90143-0060	-	MM	600	EDGE STRIP 9,5X6,3MM BLACK PVC	
240	90220-0303	-		1	CLAMP FOR SCR.CABLE, 10MM, 55-016-22	
250	90220-0305	-		1	CLAMP FOR SCR.CABLE, 16MM,	
260	312605-0310	-		2	HEXAGON NUT, M6M M3 A280	
270	90062-0015	-		2	LOCK WASHER SERRAT.EXT.GEAR,6,4/11 H=0,7	
280	90166-0232	-	MM	500	SHRINKABLE HOSE	
290	90015-0025	-		1	LEAD-IN, TET26-35, E-1458041	
300	1129402-0000	-		4	SPACER SCREW	
310	1255866-0000	-		1	PROTECTION	
320	312125-0287	-		2	SCREW PAN HEAD MCS M4X8 SS	
340	315105-0124	-		4	BRICKA BRB3,2X6RFR	
370	90143-0060	-	MM	250	EDGE STRIP 9,5X6,3MM BLACK PVC	
Q100	90111-0173	A		1	MAIN SW.NZM64-100/ZM64-100-760+AS4-NZM64	
W2027	90220-0095	-	MM	3000	SCR. CABLE 3X0,75MM2	
Z001	90024-0060	A		1	POWER LINE FILTER, 80 A 250/440 VAC	
Z002	90082-0013	A		1	OVERVOLTAGE PROTECTOR	
	90082-0301	*A*		*3*	*OVERVOLTOLTAGE PROTECTOR*	
Z004	90024-0036	A		1	FILTERED TERMINAL BLOCK	

Machine Type	Group Description	Used-In	Group Number	Page No


030
040
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X2062
X2241
X2038
010
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090
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050
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090
X2242
005
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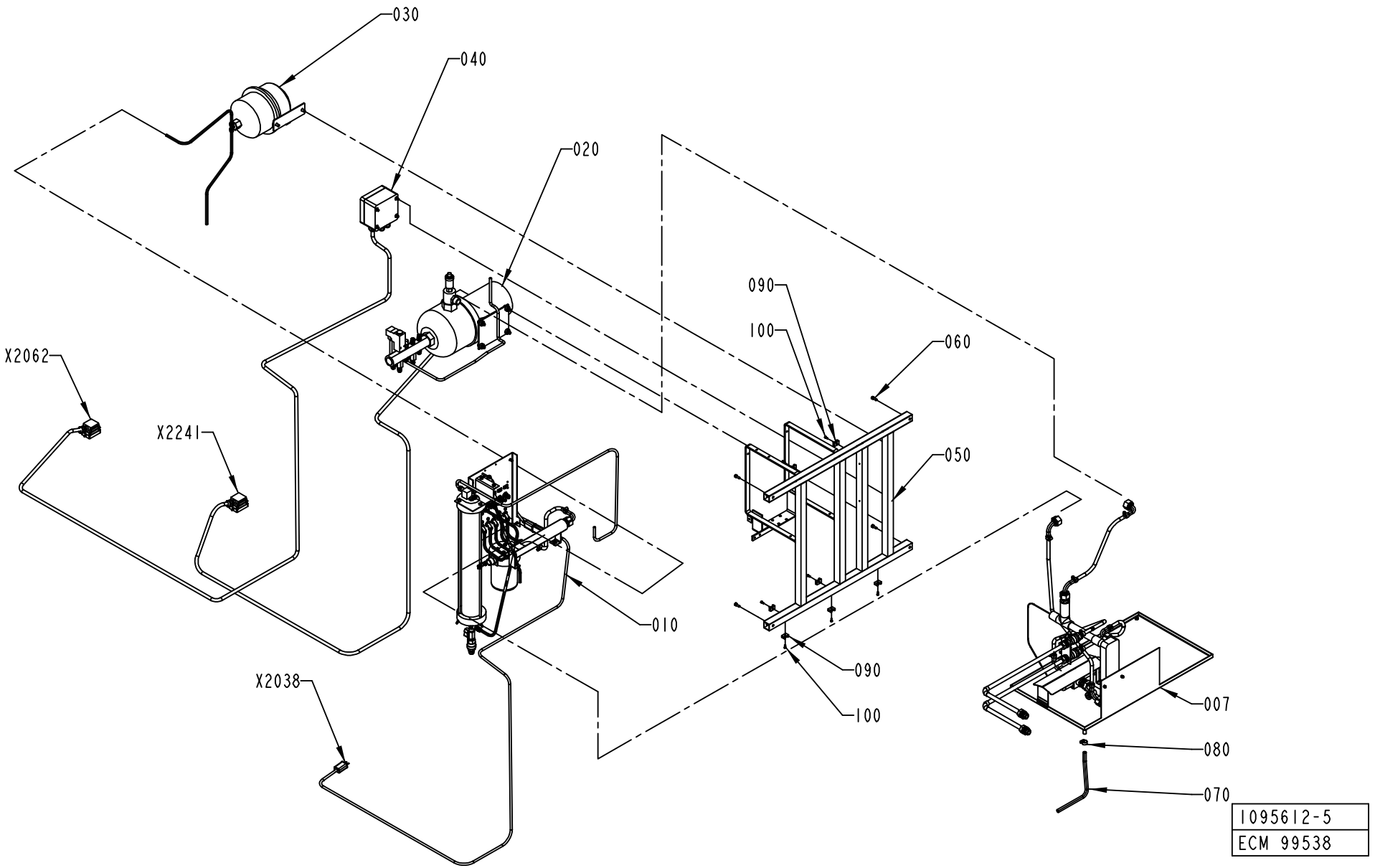
070
1095612-4
ECN 99538

ECM: 139554 - 20030711
Group number: 1095612-0300
Assembly Drawing: 1095612-4_1_AC

This list covers pages from 768 to 771

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 COMPRESSOR, TBA/22 COMPRESSOR (See drawing on page: 768)						
005	1095710-0300	A		1	COMPRESSOR UNIT	**773**
010	1095705-0300	-		1	FLOW METER	**775**
TBA/21 ICE-WATER (See drawing on page: 770)						
007	1260547-0100	-		1	ICE WATER UNIT	**777**
010	1095705-0300	-		1	FLOW METER	**775**
Common Parts						
020	1095706-0300	-		1	COOLING WATER PUMP	**781**
030	2514077-0100	-		1	EXPANSION VESSEL	**783**
040	1095709-0200	-		1	CONNECTION BOX	**785**
050	1129141-0000	-		1	MACHINE BODY	
060	312115-0368	-		4	SCREW ISO4762 M6X16 A4	
070	90166-0121	-	MM	1000	HOSE	
080	342991-0101	-		1	HOSE CLIP,WORM DRIVE TYPE (13)-16	
090	352113-0203	-		9	ANCHOR PLATES FOR STRIPS, TYPE TM3S8-M0	
100	312125-0289	-		9	SPåRSKRUV MCS 4X10 A480	

Pos	Part No	SP	UN	Qty	Description	Page No


030
040
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X2062
X2241
050
010
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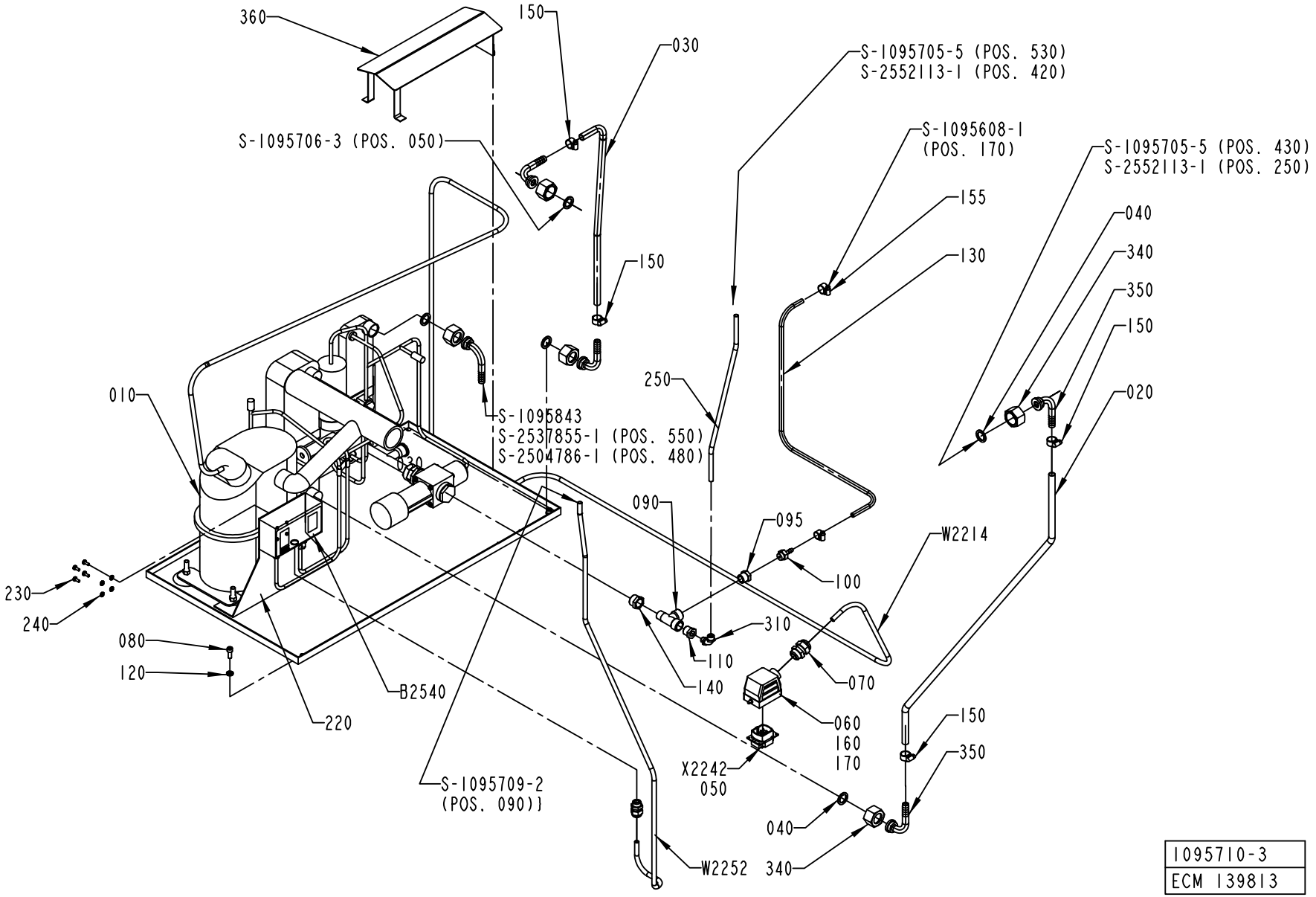
100
X2038
007
080
070
1095612-5
ECM 99538

ECM: 139554 - 20030711
Group number: 1095612-0300
Assembly Drawing: 1095612-5_1_AC

This list covers pages from 768 to 771

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 COMPRESSOR, TBA/22 COMPRESSOR (See drawing on page: 768)						
005	1095710-0300	A		1	COMPRESSOR UNIT	**773**
010	1095705-0300	-		1	FLOW METER	**775**
TBA/21 ICE-WATER (See drawing on page: 770)						
007	1260547-0100	-		1	ICE WATER UNIT	**777**
010	1095705-0300	-		1	FLOW METER	**775**
Common Parts						
020	1095706-0300	-		1	COOLING WATER PUMP	**781**
030	2514077-0100	-		1	EXPANSION VESSEL	**783**
040	1095709-0200	-		1	CONNECTION BOX	**785**
050	1129141-0000	-		1	MACHINE BODY	
060	312115-0368	-		4	SCREW ISO4762 M6X16 A4	
070	90166-0121	-	MM	1000	HOSE	
080	342991-0101	-		1	HOSE CLIP,WORM DRIVE TYPE (13)-16	
090	352113-0203	-		9	ANCHOR PLATES FOR STRIPS, TYPE TM3S8-M0	
100	312125-0289	-		9	SPåRSKRUV MCS 4X10 A480	

Pos	Part No	SP	UN	Qty	Description	Page No



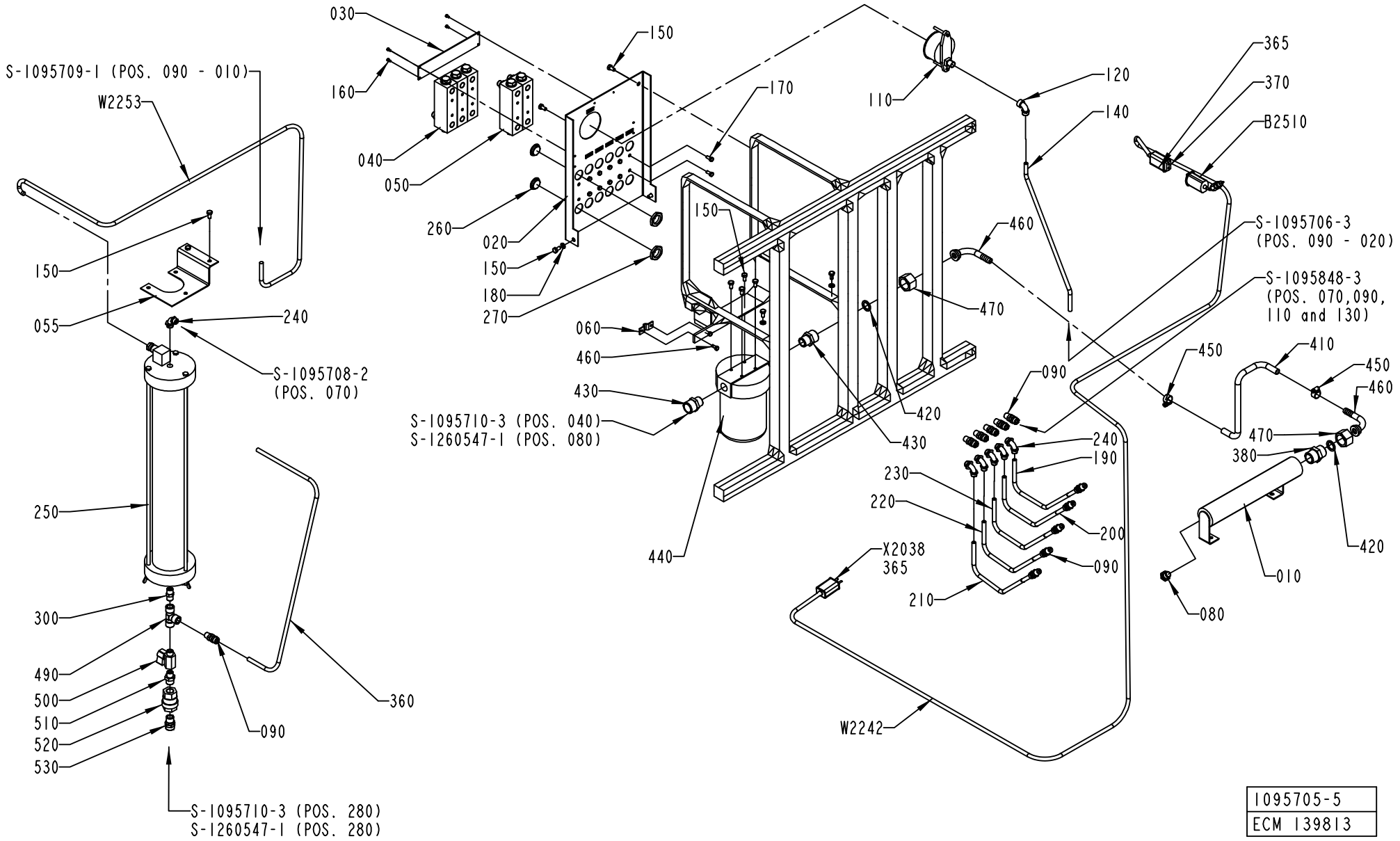
1095710-3
ECM 139813

ECM: 139859 - 20030923
Group number: 1095710-0300
Assembly Drawing: 1095710-3_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
010	1140603-0000	A		1	COMPRESSOR UNIT	
W 2214	351150-0418	-	MM	3500	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
Common Parts						
020	90166-0121	-	MM	930	HOSE	
030	90166-0121	-	MM	840	HOSE	
040	90459-3339	-		5	GASKET NBR/PTFE 17X24X2 MM 3/4"	
050	90110-0159	A		1	MALE INSERT 70.310.0640.0	
060	90110-0226	A		1	CABLE HOOD 6-POL 70.350.0628.0	
070	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
080	312115-0368	-		2	SCREW ISO4762 M6X16 A4	
090	90140-0023	-		1	T-PIPE, INT. THREAD, NO. 2070-3/8-3/8	
095	90330-0042	-		1	BUSHING, INT/EXT. THR. R3/8-RP1/4	
100	342901-0102	-		1	HOSE NIPPLE, EXT.THR. R1/4-7 MM	
110	342701-0202	-		1	BUSHING,INT./EXT.G-THREAD G3/8"-G1/8"	
120	315115-0153	-		2	WASHER PLAIN, TBRB 6,4/12 H=3	
130	90166-0045	-	MM	705	HOSE PVC TRANSP. 6/12	
140	342701-0206	-		1	BUSHING,INT./EXT.G-THREAD G1/2"-G3/8"	
150	342991-0101	-		4	HOSE CLIP,WORM DRIVE TYPE (13)-16	
155	342991-0100	-		2	HOSE CLIP,WORM DRIVE TYPE 10-13	
160	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	
170	359005-0010	-		1	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
220	1361560-0000	-		1	PLATE	
230	312132-0289	-		4	SCREW SLOT. PAN HEAD MSCS M4X10	
240	90062-0029	-		4	WASHER LOCK 5,1X 8,6, T= 1,5 DIN 7980	
250	90166-0118	-	MM	500	TUBE 8 MM PA BLACK	
310	342931-0121	-		1	ELBOW 90 COUPL.,EXT.THREAD 8/6-G1/8"	
340	2531423-0000	-		5	NUT	
350	2531245-0000	-		5	HOSE NIPPLE	
360	2532574-0000	-		1	COVER	
B2540	90274-0108	A		1	DUAL PRESSURE GUARD, -20 - 2800 KPA	
W2252	351150-0431	-	MM	1000	CABLE OLFLEX 2X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

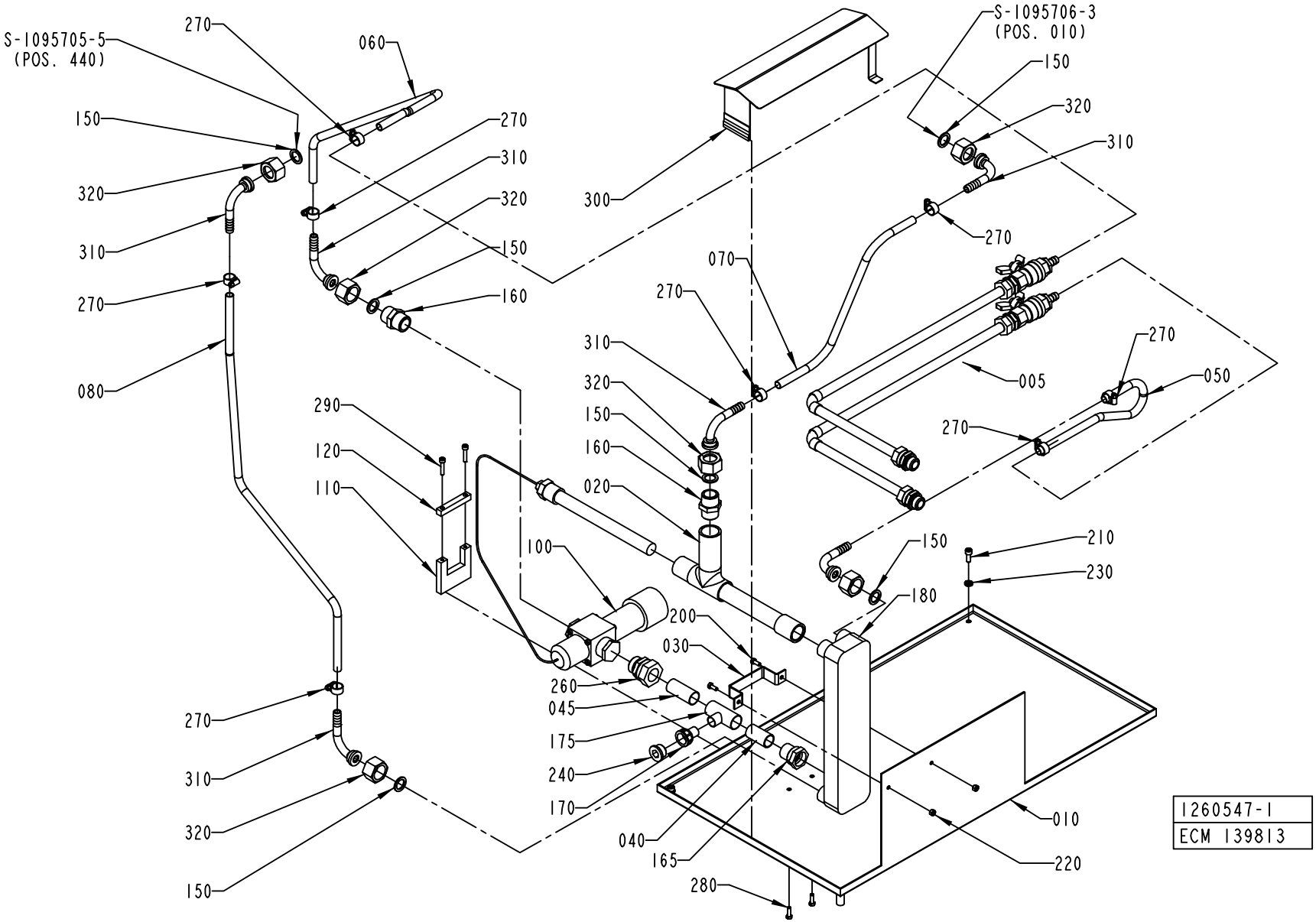


1095705-5
ECM 139813

ECM: 139857 - 20030923
Group number: 1095705-0300
Assembly Drawing: 1095705-5_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
020	2579861-0001	-		1	PIVOT BRACKET	
030	1511004-0000	-		1	SIGN LANGUAGEINDEPENDENT	
050	1129079-0000	A		2	FLOW METER	
	90243-0134	*-*		*1*	*FLOW METER*	
080	90330-0026	-		1	PLUG, EXT. G-THREAD, G1/4	
090	342922-0122	-		11	STRAIG.COUPL.,ADJUST.,EXT.THRE.8/6-R1/4"	
170	312105-0327	-		12	SCREW M6S ISO 4017 M5X12 A480	
240	342931-0122	-		6	ELBOW 90 COUPL.,EXT.THREAD 8/6-G1/4"	
260	90002-0004	-		2	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
Common Parts						
010	1041984-0000	-		1	ATTACHMENT PIPE	
040	1041046-0000	A		3	FLOW METER	
	90243-0113	*-*		*1*	*FLOW METER*	
055	1041944-0000	-		1	BRACKET	
060	1260248-0000	-		1	CLAMP	
110	90043-0100	B		1	PRESSURE GAUGE, 2948 D=63 MM	
120	342933-0122	-		1	ELBOW 90 COUPL.,INT.THREAD 8/6-G1/4"	
140	90166-0118	-	MM	490	TUBE 8 MM PA BLACK	
150	312105-0366	-		12	SCREW M6S M6X12 A280	
160	312125-0220	-		4	SKRUV SLOT.PAN HD. MCS 3X6 A480	
180	315105-0153	-		4	WASHER BRB6,4X12RFR	
190	90166-0118	-	MM	255	TUBE 8 MM PA BLACK	
200	90166-0118	-	MM	255	TUBE 8 MM PA BLACK	
210	90166-0118	-	MM	255	TUBE 8 MM PA BLACK	
220	90166-0118	-	MM	255	TUBE 8 MM PA BLACK	
230	90166-0118	-	MM	255	TUBE 8 MM PA BLACK	
250	90415-0060	A		1	DEIONIZER FILTER, 190035	
	90415-0354	*C*		*1*	*DEIONIZER CATRIDGE ART.NO.190055*	
270	90099-0110	-		1	NUT, PR 22,5 (PG16)	
300	90330-0043	-		1	NIPPLES, EXT. THREAD. R-207R1/4	
320	342722-0206	-		1	STRAIGHT COUPLING D=8-G3/8"	
360	90166-0118	-	MM	800	TUBE 8 MM PA BLACK	
365	90326-0012	-		2	PROTECTIVE COVER, T31A4618	
370	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
380	90330-0004	-		1	NIPPLES,HEXAGON,EXT.R-THREAD R3/4"-R3/4"	
410	90166-0121	-	MM	400	HOSE	
420	90459-3339	-		2	GASKET NBR/PTFE 17X24X2 MM 3/4"	
430	90358-0091	-		2	REDUCING NIPPLE	
440	90415-0065	A		1	FILTER	
010	*90415-0357*	*-*		*1*	*FILTER INSERT*	
450	342991-0101	-		2	HOSE CLIP,WORM DRIVE TYPE (13)-16	
460	2531245-0000	-		2	HOSE NIPPLE	
470	2531423-0000	-		2	NUT	
490	90140-0018	-		1	T-PIPE, INT. THREAD, 2003-1/4	
500	90187-0045	-		1	BALL VALVE G1/4 CR PL	
510	90330-0083	-		1	NIPPLES, EXT. THREAD. R3/8-R1/4	
520	90230-0028	-		1	NON-RETURN VALVE H 151 R 3/8"	
530	342920-0123	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-R3/8"	
B 2510	90326-0057	A		1	THERMOCOUPLE, CR-AL	
B 2520	90326-0020	A		1	PLUG, FEMALE YELLOW CR-AL	
W 2242	90220-0034	A	MM	3000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W 2253	351150-0431	-	MM	1400	CABLE OLFLEX 2X0,75 MM2 LIGHT/GREY	
X 2038	90326-0022	A		1	PLUG, MALE YELLOW CR-AL	

Machine Type | Group Description | Used-In | Group Number | Page No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(POS. 010)
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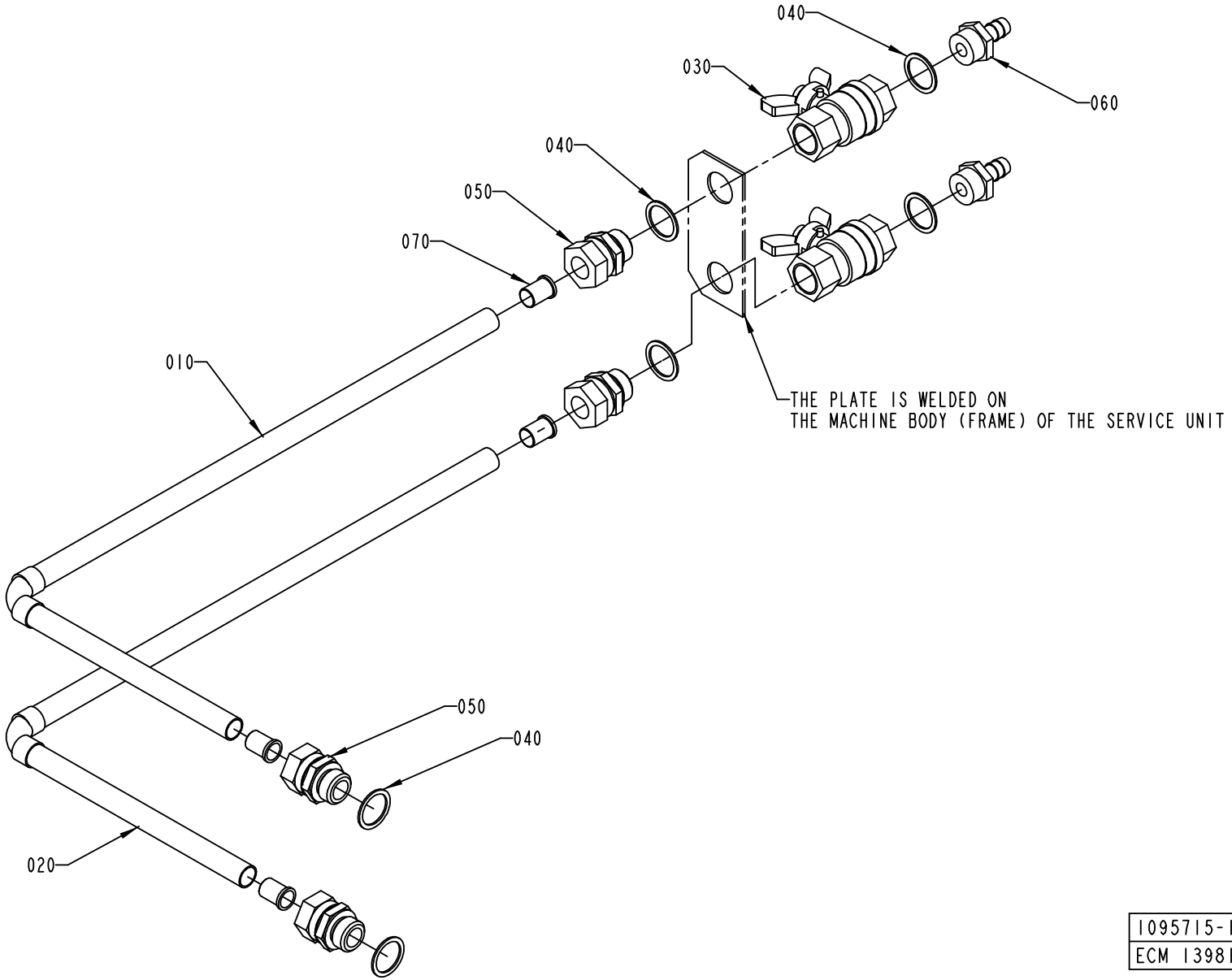
220
1260547-1
ECM 139813

ECM: 139858 - 20030923
Group number: 1260547-0100
Assembly Drawing: 1260547-1_1_AG

Pos	Part No	SP	UN	Qty	Description	Page No
-						
005	1095715-0100	-		1	ICE WATER	**779**
010	1255365-0000	-		1	MOUNTING PLATE	
020	1511680-0000	-		1	TUBE	
030	1260247-0000	-		1	CLIP	
040	1260327-0000	-		1	TUBE	
045	1285363-0000	-		1	TUBE	
050	90166-0121	-	MM	400	HOSE	
060	90166-0121	-	MM	550	HOSE	
070	90166-0121	-	MM	600	HOSE	
080	90166-0121	-	MM	850	HOSE	
100	90187-0130	A		1	TEMP. CONTR. VALVE, R3/4 0-30øC	
110	1511615-0000	-		1	BRACKET	
120	1511616-0000	-		1	BRACKET	
150	90459-3339	-		6	GASKET NBR/PTFE 17X24X2 MM 3/4"	
160	90330-0004	-		2	NIPPLES,HEXAGON,EXT.R-THREAD R3/4"-R3/4"	
165	90418-0045	B		1	ADAPTER, INT. CONN. NO. 7272CU/22-G3/4	
170	90418-0057	-		1	ADAPTER, EXT. CONN. NO. 7276CU / 15-G1/2	
175	90418-0062	-		1	T-PIPE, REDUCTION, INT, NO. 7130-22X15X2	
180	90422-0037	A		1	HEAT EXCHANGER	
200	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
210	312105-0368	-		2	SCREW M6S M6X16 A280	
220	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
230	315115-0153	-		2	WASHER PLAIN, TBRB 6,4/12 H=3	
240	342713-0213	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-120	
260	342720-0119	-		1	CONN. STR., GA-22-G3/4	
270	342991-0101	-		8	HOSE CLIP,WORM DRIVE TYPE (13)-16	
280	312105-0329	-		2	SCREW M6S ISO 4017 M5X16 A480	
290	312115-0333	-		2	SCREW ISO4762 M5X25 A4	
300	2532574-0000	-		1	COVER	
310	2531245-0000	-		6	HOSE NIPPLE	
320	2531423-0000	-		6	NUT	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

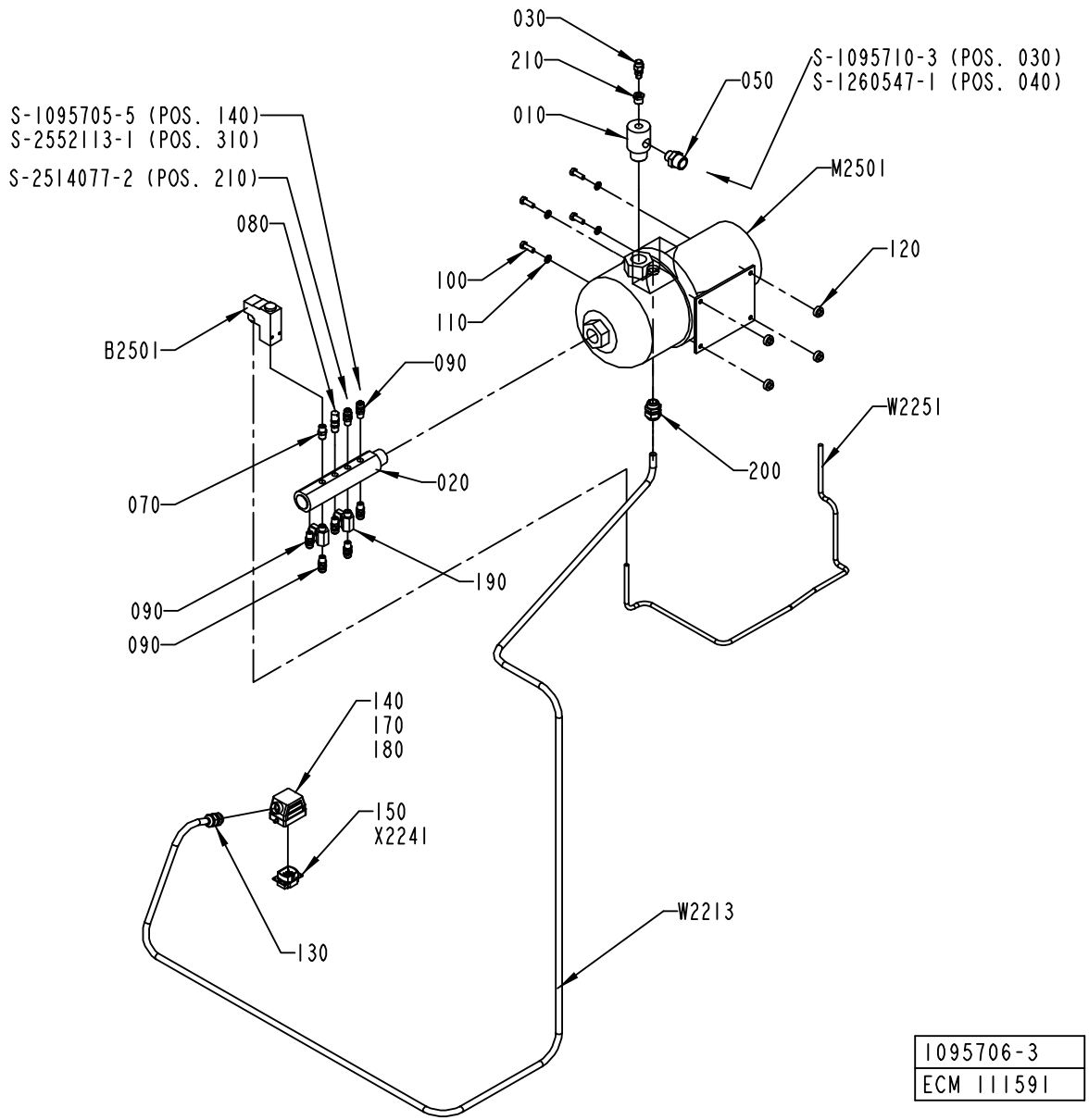


1095715-1
ECM 139813

ECM: 139817 - 20030923
Group number: 1095715-0100
Assembly Drawing: 1095715-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1041930-0000	-		1	PIPE	
020	1041931-0000	-		1	PIPE	
030	90187-0029	B		2	BALL VALVE G1/2, NPBR	
040	315233-0113	-		6	WASHER CAPTIVE SEALING G1/2	
050	342720-0114	-		4	CONN. STR. GA-15-G1/2	
060	342901-0105	-		2	HOSE NIPPLE, EXT.THR. R1/2-12 MM	
070	342708-0109	-		4	REINFORCING RING VSH 15X1 MM	

Pos	Part No	SP	UN	Qty	Description	Page No



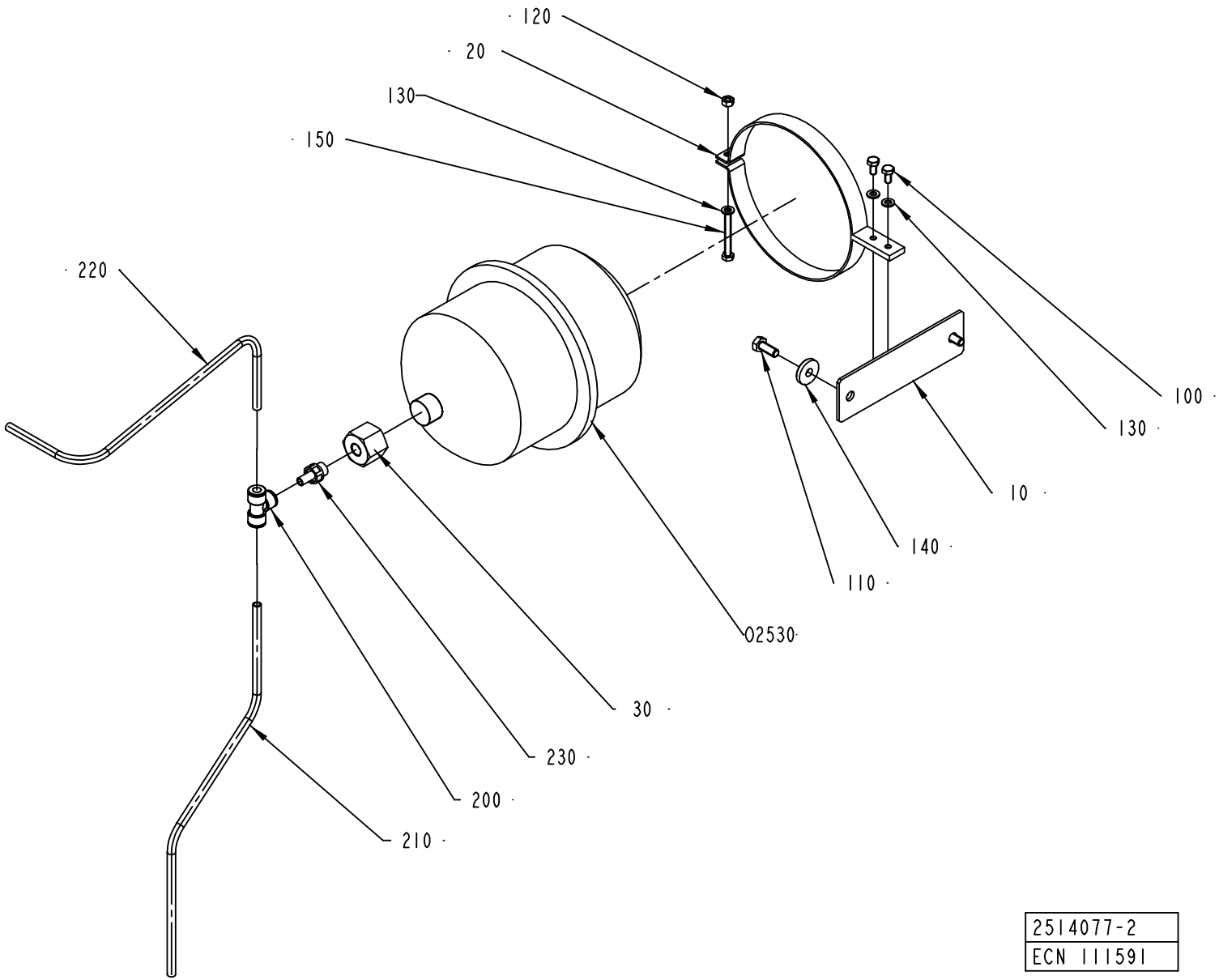
1095706-3
ECM 111591

ECM: 135670 - 20030922
Group number: 1095706-0300
Assembly Drawing: 1095706-3_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
090	342922-0122	-		7	STRAIG.COUPL.,ADJUST.,EXT.THRE.8/6-R1/4"	
W 2213	351150-0418	-	MM	3000	CABLE OLFLEX 4X2,5 MM2 LIGHT/GREY	
Common Parts						
010	2532806-0000	B		1	ATTACHMENT PIPE	
020	1129066-0000	-		1	RETURN PIPE	
030	90459-1736	-		1	PURGE VALVE, 2RM-PG4L-SS	
050	90330-0080	-		1	NIPPLES, EXT. THREAD. R3/4-R1/2	
070	90330-0043	-		1	NIPPLES, EXT. THREAD. R-207R1/4	
080	90230-0041	A		1	OVERPRESSURE VALVE SS-4 CPA2-RTDG-3	
100	312105-0453	-		4	SCREW M6S ISO 4017 M8X25 A480	
110	315105-0165	-		4	WASHER BRB8,4X16RFR	
120	90015-0037	B		4	RUBBER BUSHING	
130	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
140	90110-0226	A		1	CABLE HOOD 6-POL 70.350.0628.0	
150	90110-0159	A		1	MALE INSERT 70.310.0640.0	
170	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	
180	359005-0010	-		1	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
190	90187-0045	-		2	BALL VALVE G1/4 CR PL	
200	352103-0110	-		1	CABLE GLAND, STR 16, PR22,5/PG16	
210	342701-0202	-		1	BUSHING,INT./EXT.G-THREAD G3/8"-G1/8"	
220	90330-0026	-		1	PLUG, EXT. G-THREAD, G1/4	
B 2501	90274-0056	A		1	PRESSURE SWITCH, 100 - 1200 KPA	
M 2501	90321-0116	A		1	PUMP GRUNDFOSS CHI 2-60	
	90321-0618	-		*1*	*SEAL KIT FOR REPAIR OF PUMP*	
W 2251	351150-0431	-	MM	1000	CABLE OLFLEX 2X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

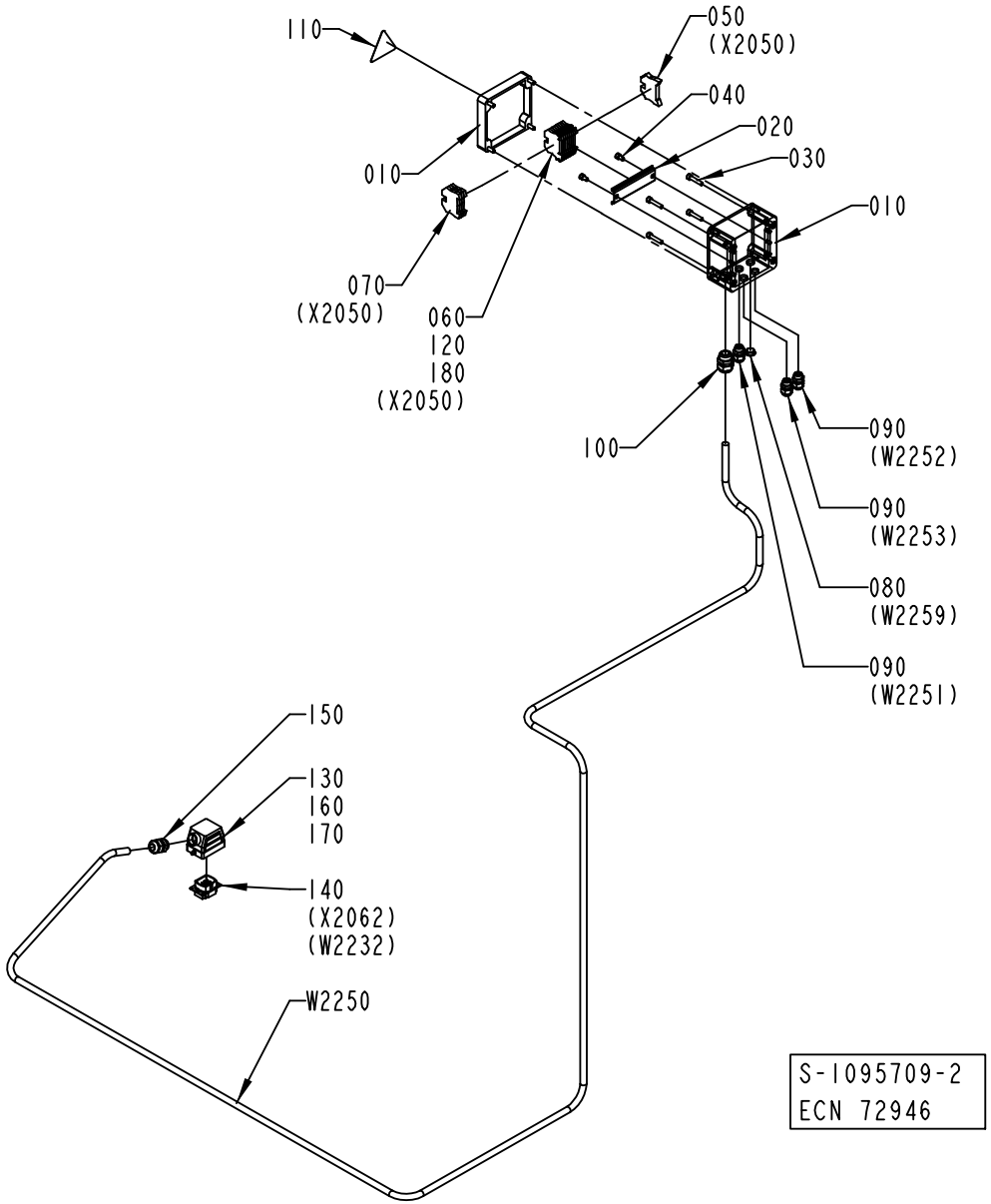


2514077-2
ECN 111591

ECM: 139557 - 20030711
Group number: 2514077-0100
Assembly Drawing: 2514077-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
200	342940-0122	-		1	T-COUPLING,EXT.THREAD 8/6-R1/4"	
Common Parts						
010	2514087-0000	-		1	PLATE	
020	1484081-0000	-		1	BRACKET	
030	2514083-0000	-		1	REDUCTION NIPPLE	
100	312105-0366	-		2	SCREW M6S M6X12 A280	
110	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
120	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
130	315105-0153	-		3	WASHER BRB6,4X12RFR	
140	315125-0165	-		2	WASHER TBRSB 8,4X26X5 A4	
150	312109-0380	-		1	SCREW M6S ISO 4017 M6X50 A480	
210	90166-0118	-	MM	450	TUBE 8 MM PA BLACK	
220	90166-0118	-	MM	500	TUBE 8 MM PA BLACK	
O2530	90304-0020	A		1	LIQUID CONTAINER	

Pos	Part No	SP	UN	Qty	Description	Page No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(X2050)
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180
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090
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090
(W2253)
080
(W2259)
090
(W2251)
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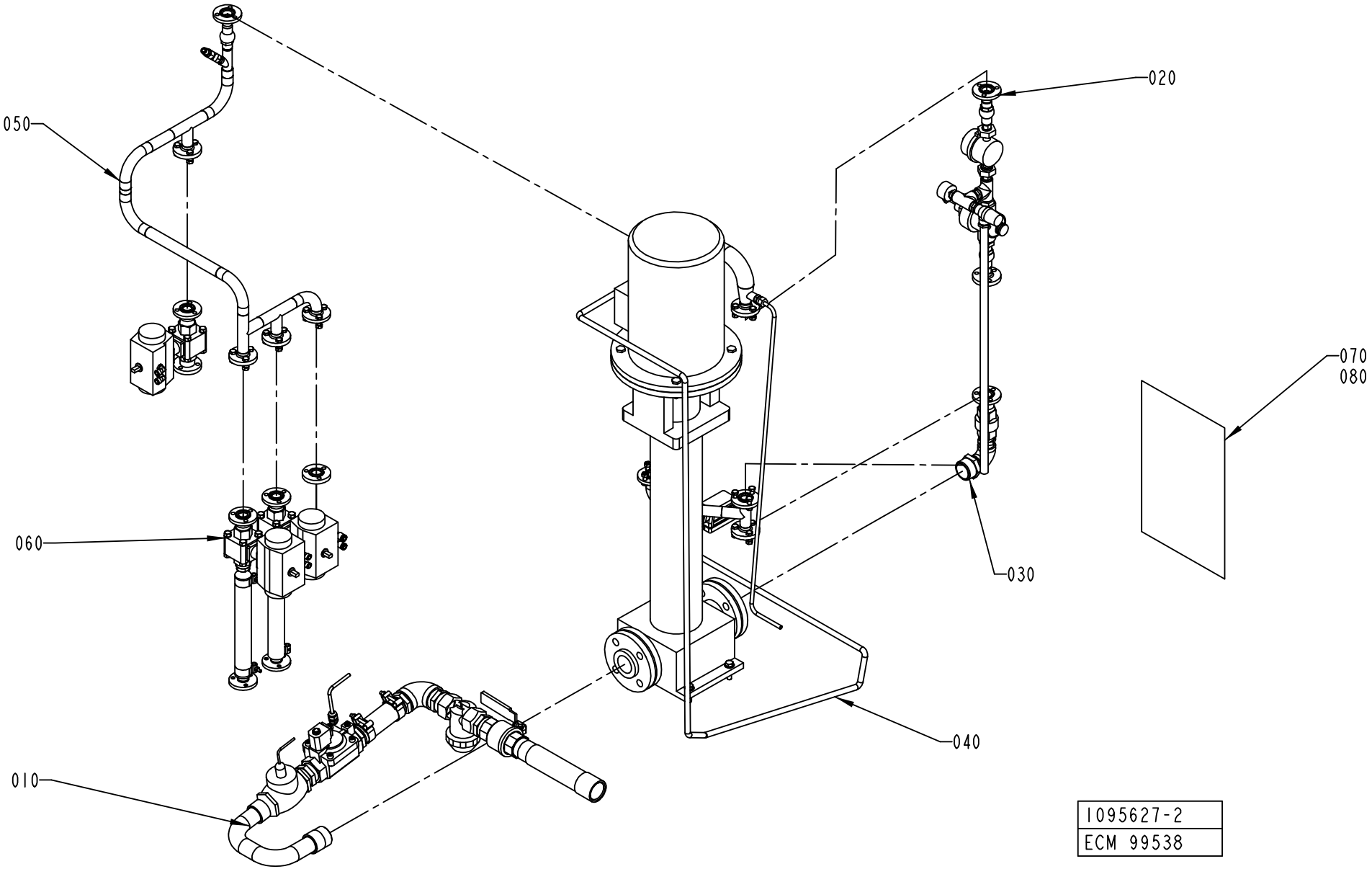
130
160
170
140
(X2062)
(W2232)
W2250
S-1095709-2
ECN 72946

ECM: 139556 - 20030711
Group number: 1095709-0200
Assembly Drawing: 1095709-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
W2250	351150-0406	-	MM	3500	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	
Common Parts						
010	1041943-0000	-		1	CONNECTION BOX	
020	1129210-0000	-		1	MOUNTING RAIL	
030	312115-0374	-		4	SCREW ISO4762 M6X30 A4	
040	312115-0364	-		2	SCREW ISO4762 M6X10 A4	
050	353031-0203	-		1	END SUPPORT, WEW 35/2	
060	353021-0216	-		8	FEED THROUGH TERMINAL, 10200.8	
070	353024-0205	-		3	EARTH TERMINAL, 1010.1	
080	90002-0013	-		1	BLANK-OFF PLUG, PR 15,2 SKINDICHT-BLK9	
090	352103-0101	-		3	CABLE GLAND, ST 9, PR15,2/PG9	
100	352103-0110	-		1	CABLE GLAND, STR 16, PR22,5/PG16	
110	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
120	359011-0809	-		1	MARKING PLATES 5-FW 101-150	
130	90110-0226	A		1	CABLE HOOD 6-POL 70.350.0628.0	
140	90110-0159	A		1	MALE INSERT 70.310.0640.0	
150	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
160	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	
170	359005-0010	-		1	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
180	353034-0030	-		1	BRIDGE CONNECTOR WQV 2,5/10, 10544.6	

Pos	Part No	SP	UN	Qty	Description	Page No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080
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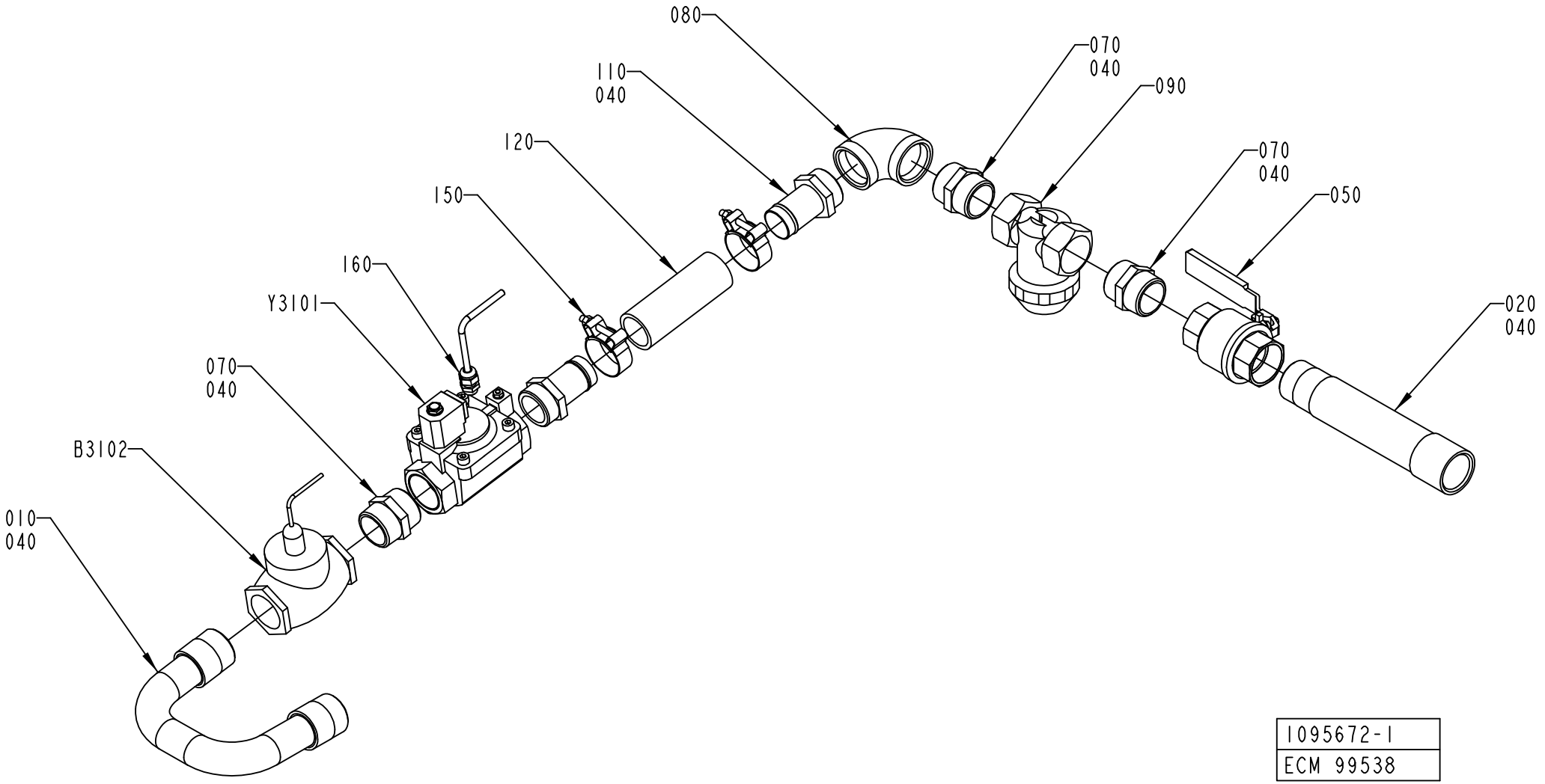
1095627-2
ECM 99538

ECM: 139558 - 20030711
Group number: 1095627-0300
Assembly Drawing: 1095627-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 50HZ						
080	1129456-0000	-		1	EXTERNAL CLEANING DIAGRAM	
TBA/21 60HZ						
080	1129456-0000	-		1	EXTERNAL CLEANING DIAGRAM	
Common Parts						
010	1095672-0100	-		1	PIPE	**789**
020	1095673-0100	-		1	SIDE	**791**
030	1095675-0100	-		1	PIPE	**793**
040	1095676-0100	-		1	PUMP	**795, 797**
050	1095677-0100	-		1	BRANCHING PIPE	**799**
060	1095678-0300	-		1	BALL VALVE	**801**

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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Y3101
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B3102
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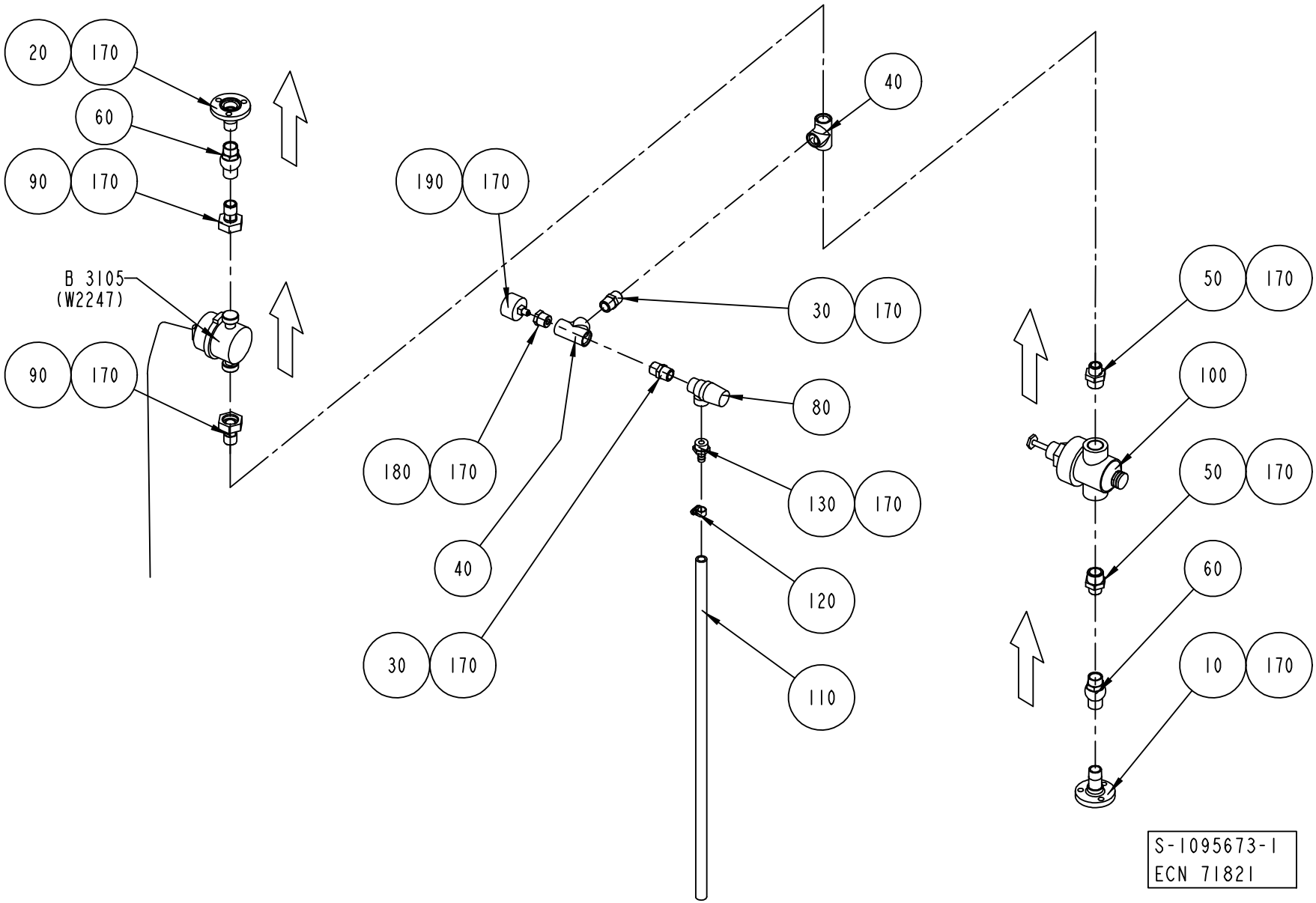
1095672-1
ECM 99538

ECM: 102579 - 20020812
Group number: 1095672-0100
Assembly Drawing: 1095672-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1041925-0000	-		1	PIPE	
020	1041926-0000	-		1	PIPE	
040	90144-0007	-	MM	1	TAPE	
050	90187-0147	B		1	BALL VALVE G11/2	
070	90330-0056	-		3	NIPPLES, EXT. THREAD. R-207 KR11/2	
080	90330-0057	-		1	ELBOW, 90 INT. THREAD, R-222R11/2	
090	90415-0032	A		1	FILTER / 3-02-00-1 1/2"	
	90415-0328	*C*		*1*	*FILTER INSERT*	
110	90055-0166	-		2	HOSE NIPPLE, EXT.THR. R11/2X38 MM	
120	90166-0236	-	MM	150	HOSE, 38/51 REINFORCED RUBBER	
150	90458-2850	-		2	HOSE CLIP , 51 MM	
160	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
B3102	90274-0082	A		1	FLOW SWITCH, 2 - 3 L/MIN	
	90274-0322	*C*		*1*	*SPARE PART KIT*	
W2222	351150-0403	-	M	2	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
Y3101	90042-0254	A		1	SOLENOID VALVE, R1 1/2	
	90458-2575	*-*		*1*	*DIAPHRAGM, R450466/B FOR 90042-0254*	
	90042-0557	*-*		*1*	*COIL V24DC-N3*	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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170
B 3105
(W2247)
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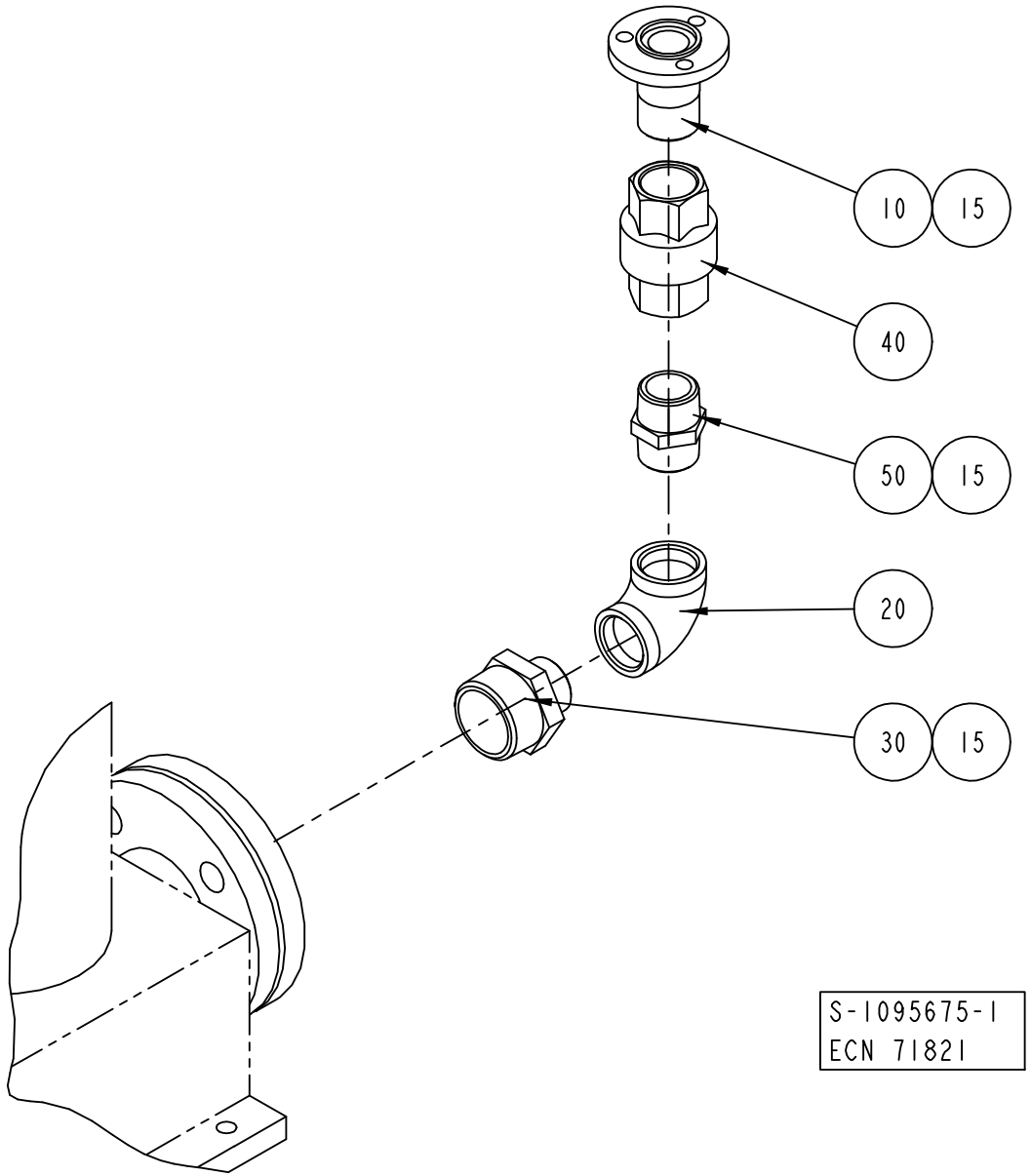
170
S-1095673-1
ECN 71821

ECM: 89430 - 20010203
Group number: 1095673-0100
Assembly Drawing: 1095673-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036826-0000	-		1	PIPE	
020	1036827-0000	-		1	PIPE	
030	90330-0021	-		2	NIPPLES, EXT. THREAD. R-207R1/2	
040	90330-0049	-		2	T-PIPE, INT. THREAD, R-221R1/2	
050	90330-0080	-		2	NIPPLES, EXT. THREAD. R3/4-R1/2	
060	90230-0042	-		2	NON-RETURN VALVE 1/2"	
080	90187-0133	-		1	SAFETY VALVE, 10 BARS, R1/2, R1/2	
090	90030-0465	-		2	STRAIGHT CONNECTION, MAD DN 15	
	90005-0156	*C*		*1*	*WASHER PLAIN ROUND 16/24, H=1,5*	
100	90113-0098	A		1	PRESSURE REGULATOR	
110	90166-0121	-	MM	700	HOSE	
120	342991-0100	-		1	HOSE CLIP,WORM DRIVE TYPE 10-13	
130	342901-0105	-		1	HOSE NIPPLE, EXT.THR. R1/2-12 MM	
170	90144-0007	-	MM	1	TAPE	
180	90330-0036	-		1	BUSHING, INT/EXT. THR. RP1/8-RP1/2	
190	90043-0043	B		1	PRESSURE GAUGE WIEGAND 0-10 BAR 1/8"	
B3105	90243-0245	A		1	MEASURING INSTRUMENT	

Pos	Part No	SP	UN	Qty	Description	Page No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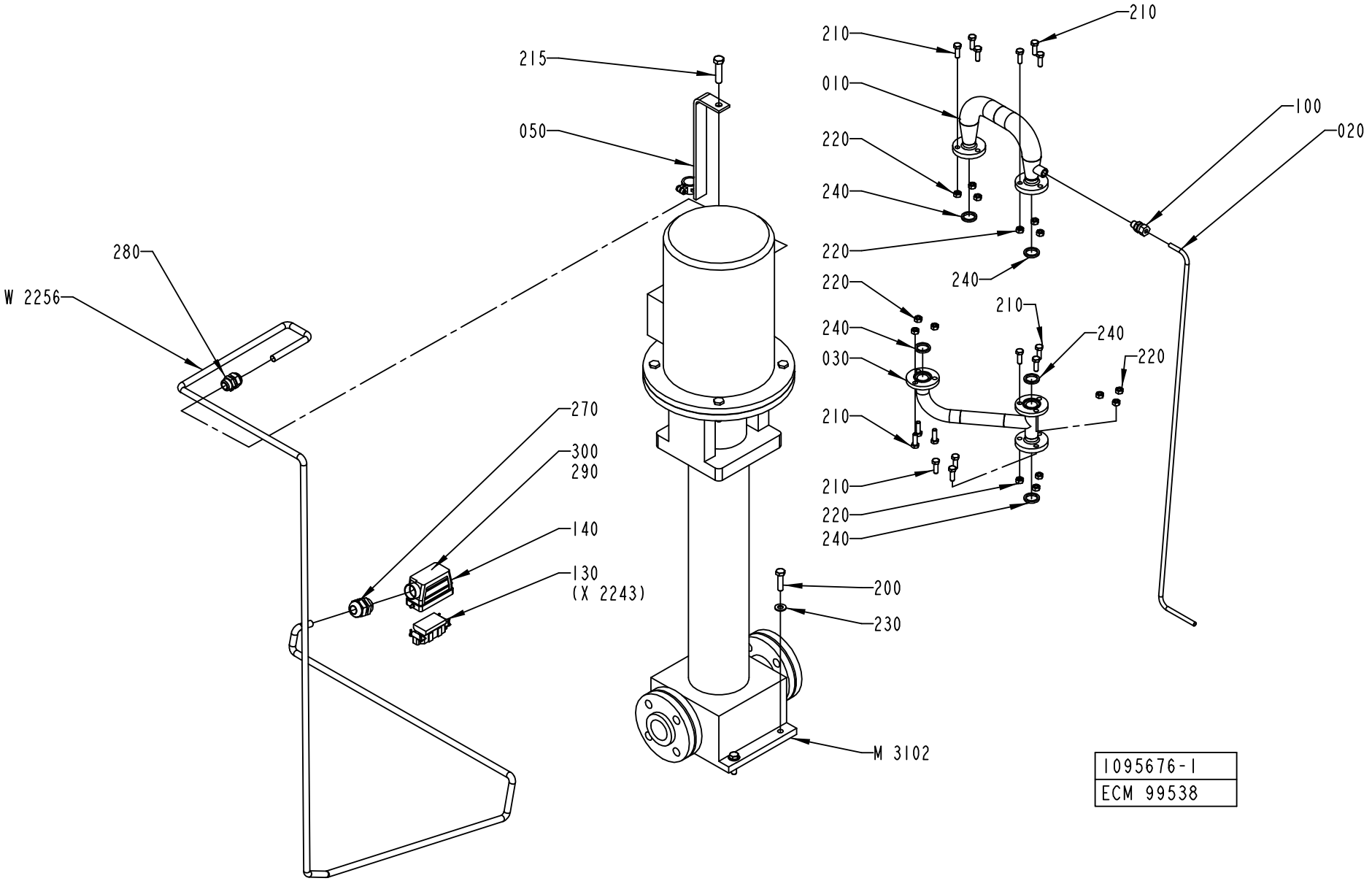
S-1095675-1
ECN 71821

ECM: 89431 - 20010203
Group number: 1095675-0100
Assembly Drawing: 1095675-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036794-0000	-		1	PIPE	
015	90144-0007	-	MM	1	TAPE	
020	90330-0014	-		1	ELBOW, 90 INT. THREAD, R-222R1	
030	90330-0045	-		1	NIPPLES, EXT. THREAD. R-209 KR11/2- KR1	
040	90230-0044	A		1	NON-RETURN VALVE 1"	
	90230-0308	*C*		*1*	*GASKET KIT*	
050	342203-0120	-		1	NIPPLES, EXT. THREAD, HEXAGON,ÿNO. 209	

Pos	Part No	SP	UN	Qty	Description	Page No


210
210
215
010
050
220
240
100
020
280
220
240
W 2256
220
210
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240
030
220
270
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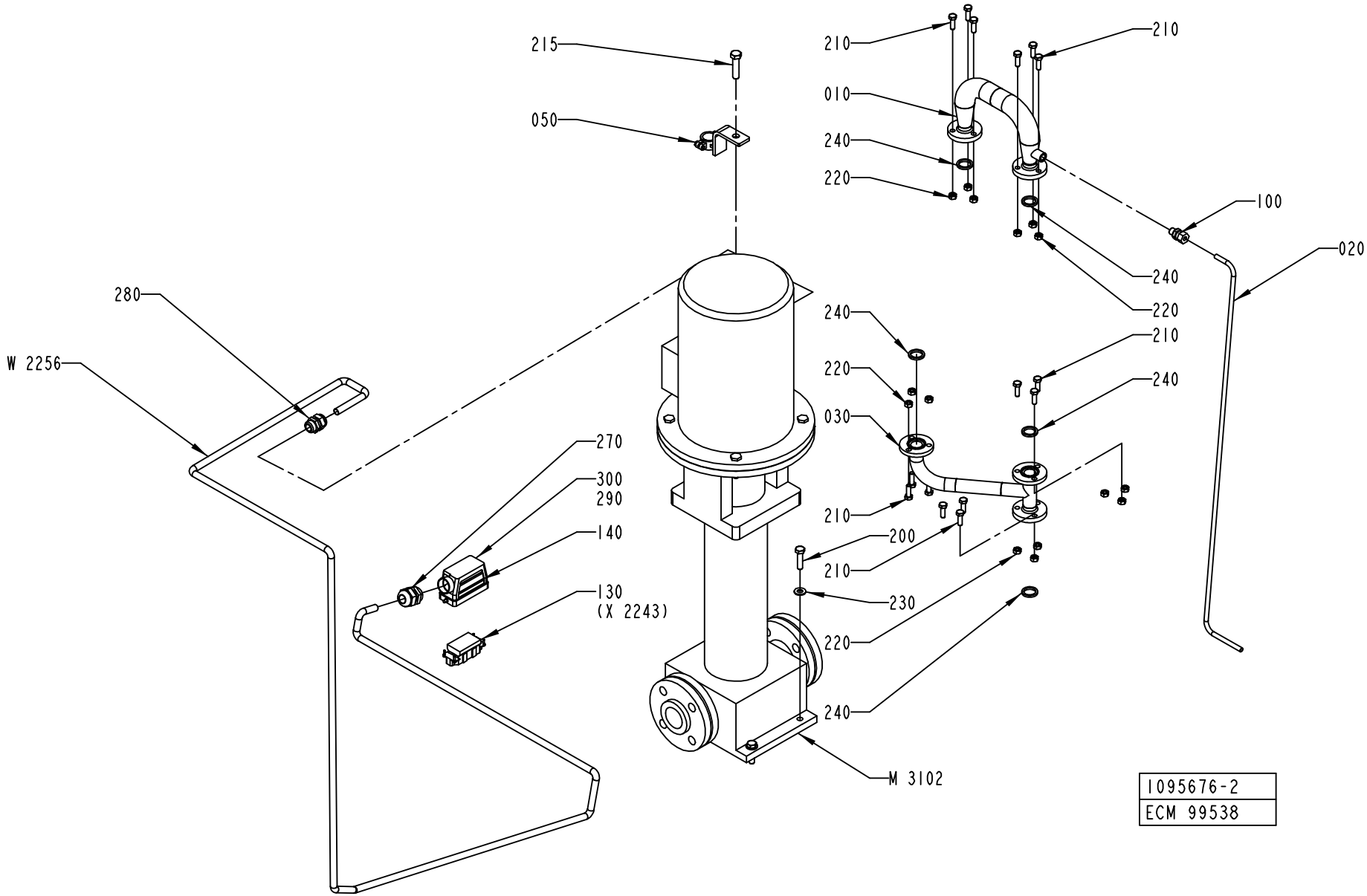
300
290
140
210
130
(X 2243)
220
240
200
230
M 3102
1095676-1
ECM 99538

ECM: 139559 - 20030711
Group number: 1095676-0100
Assembly Drawing: 1095676-1_1_AC

This list covers pages from 794 to 797

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 50HZ (See drawing on page: 794)						
020	1140642-0000	-		1	PIPE	
050	1140670-0000	-		1	BRACKET	
M3102	90321-0117	A		1	PUMP LOWARA SV8-14 F75T	
	90321-0593	*-*		*1*	*SEAL*	
W2256	351150-0166	-	MM	3300	CABLE OLFLEX 4X4 MM2 LIGHT/GREY	
TBA/21 60HZ (See drawing on page: 796)						
020	1140642-0000	-		1	PIPE	
050	1499786-0000	-		1	BRACKET	
M3102	90321-0120	A		1	PUMP SV8-09 F756T, 380V60HZ	
	90321-0593	*-*		*1*	*SEAL*	
W2256	351150-0166	-	MM	3300	CABLE OLFLEX 4X4 MM2 LIGHT/GREY	
Common Parts						
010	1036828-0000	B		1	TANK	
030	1041946-0000	-		1	PIPE	
100	90030-0185	-		1	CONN. STR. GA-8-G1/4	
130	90110-0156	A		1	MALE INSERT 70.210.0653.0	
140	90110-0227	A		1	CABLE HOOD 6-16-POL 71.350.1628.0	
200	312105-0499	-		4	SCREW M6S ISO 4014 M10X40 A480	
210	312105-0453	-		15	SCREW M6S ISO 4017 M8X25 A480	
215	312105-0542	-		1	SCREW M6S ISO 4014 M12X50 A480	
220	312605-0318	-		15	HEXAGON NUT, M6M M8 A280	
230	315105-0173	-		4	WASHER BRB10,5X22RFR	
240	315229-0103	A		5	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
270	352103-0115	-		1	CABLE GLAND, STR 21, PR28,3/PG21	
280	352103-0111	-		1	CABLE GLAND, ST 16, PR22,5/PG16	
290	359005-0010	-		2	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
300	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	

Pos	Part No	SP	UN	Qty	Description	Page No


215
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030
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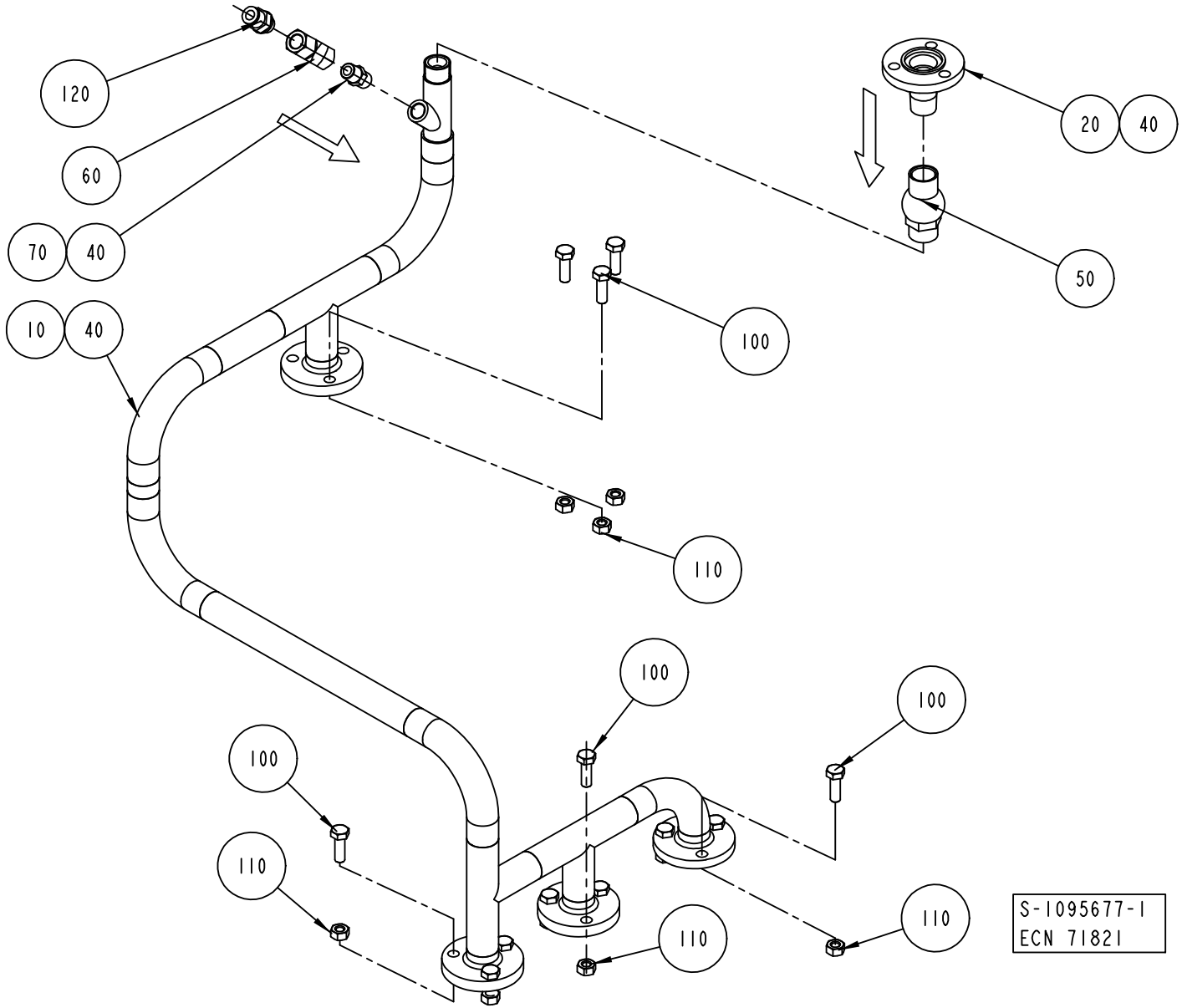
M 3102
1095676-2
ECM 99538

ECM: 139559 - 20030711
Group number: 1095676-0100
Assembly Drawing: 1095676-2_1_AA

This list covers pages from 794 to 797

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 50HZ (See drawing on page: 794)						
020	1140642-0000	-		1	PIPE	
050	1140670-0000	-		1	BRACKET	
M3102	90321-0117	A		1	PUMP LOWARA SV8-14 F75T	
	90321-0593	*-*		*1*	*SEAL*	
W2256	351150-0166	-	MM	3300	CABLE OLFLEX 4X4 MM2 LIGHT/GREY	
TBA/21 60HZ (See drawing on page: 796)						
020	1140642-0000	-		1	PIPE	
050	1499786-0000	-		1	BRACKET	
M3102	90321-0120	A		1	PUMP SV8-09 F756T, 380V60HZ	
	90321-0593	*-*		*1*	*SEAL*	
W2256	351150-0166	-	MM	3300	CABLE OLFLEX 4X4 MM2 LIGHT/GREY	
Common Parts						
010	1036828-0000	B		1	TANK	
030	1041946-0000	-		1	PIPE	
100	90030-0185	-		1	CONN. STR. GA-8-G1/4	
130	90110-0156	A		1	MALE INSERT 70.210.0653.0	
140	90110-0227	A		1	CABLE HOOD 6-16-POL 71.350.1628.0	
200	312105-0499	-		4	SCREW M6S ISO 4014 M10X40 A480	
210	312105-0453	-		15	SCREW M6S ISO 4017 M8X25 A480	
215	312105-0542	-		1	SCREW M6S ISO 4014 M12X50 A480	
220	312605-0318	-		15	HEXAGON NUT, M6M M8 A280	
230	315105-0173	-		4	WASHER BRB10,5X22RFR	
240	315229-0103	A		5	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
270	352103-0115	-		1	CABLE GLAND, STR 21, PR28,3/PG21	
280	352103-0111	-		1	CABLE GLAND, ST 16, PR22,5/PG16	
290	359005-0010	-		2	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
300	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	

Pos	Part No	SP	UN	Qty	Description	Page No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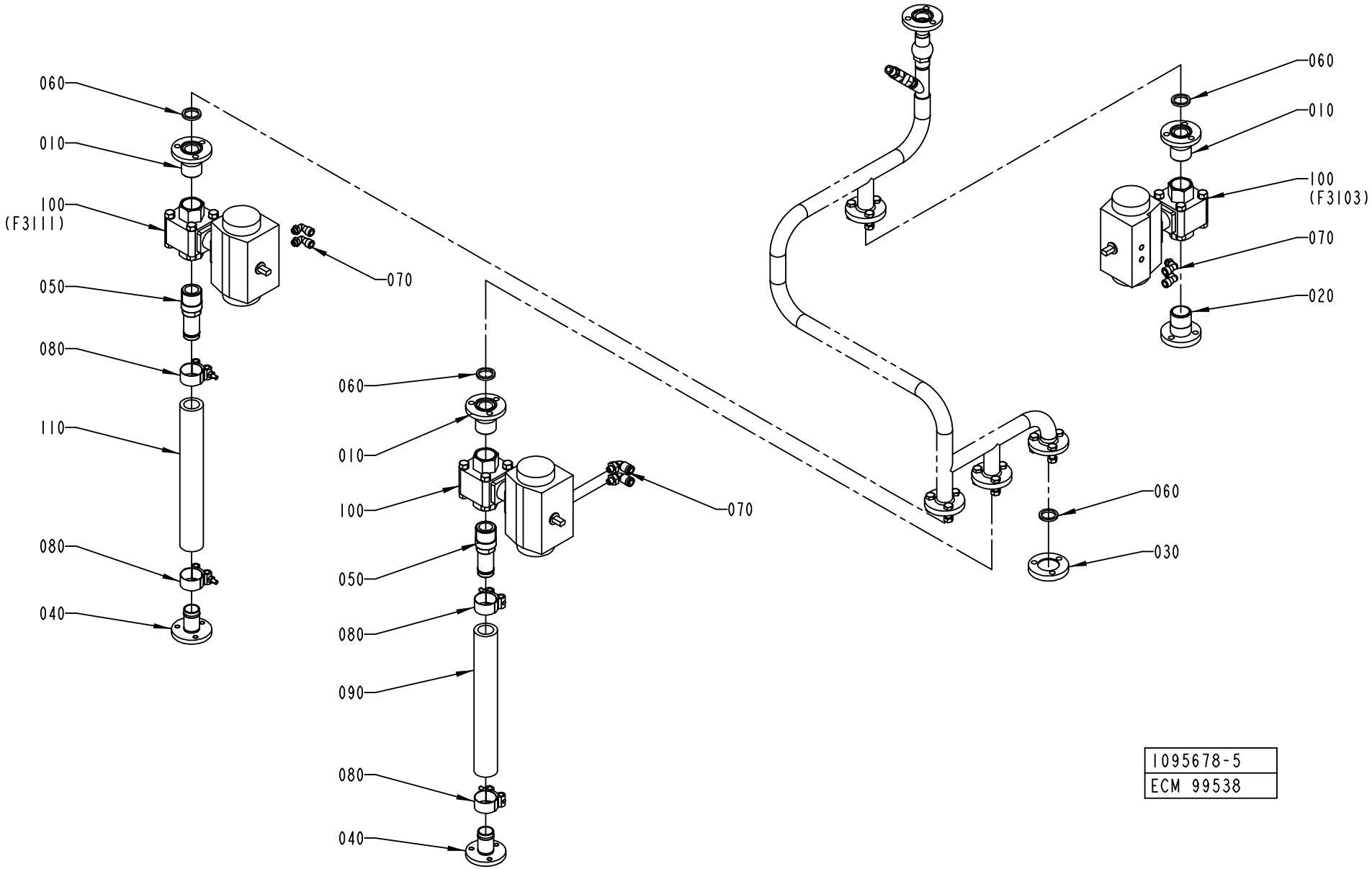
S-1095677-1
ECN 71821

ECM: 89433 - 20010203
Group number: 1095677-0100
Assembly Drawing: 1095677-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1041934-0000	-		1	PIPE	
020	1036827-0000	-		1	PIPE	
040	90144-0007	-	MM	1	TAPE	
050	90230-0042	A		1	NON-RETURN VALVE 1/2"	
060	90235-0151	A		1	NON-RETURN VALVE	
070	90330-0043	-		1	NIPPLES, EXT. THREAD. R-207R1/4	
100	312115-0453	-		12	SCREW ISO4762 M8X25 A4	
110	312605-0318	-		12	HEXAGON NUT, M6M M8 A280	
120	342722-0205	-		1	STRAIGHT COUPLING D=8-G1/4"	

Pos	Part No	SP	UN	Qty	Description	Page No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(F3111)
050
080
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080
040
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080
090
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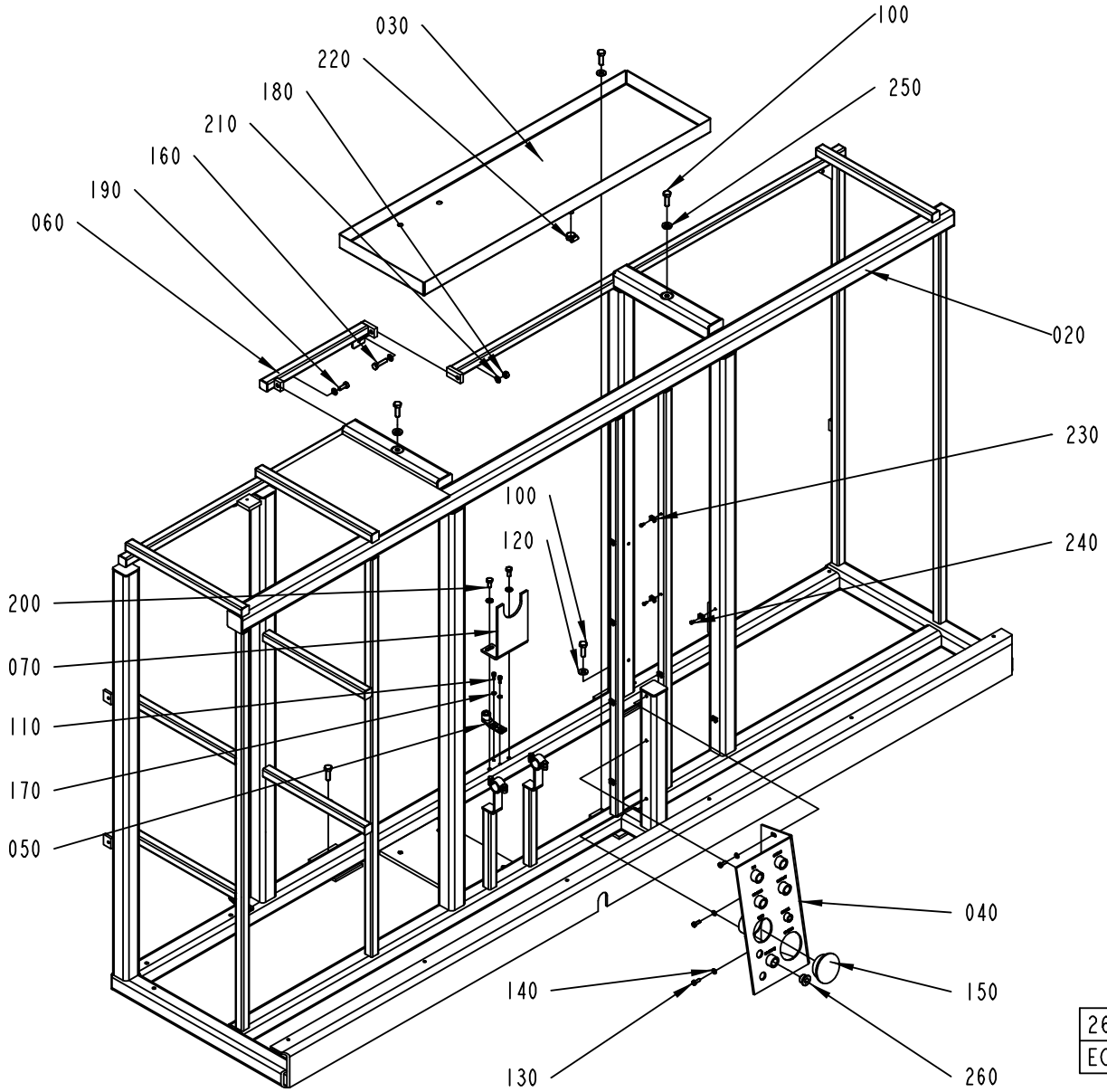
040
070
060
010
100
(F3103)
070
020
060
030
1095678-5
ECM 99538

ECM: 116232 - 20030403
Group number: 1095678-0300
Assembly Drawing: 1095678-5_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
010	2522148-0000	-		3	PIPE	
020	2522184-0000	-		1	PIPE	
030	1037129-0000	-		1	LID	
040	1195466-0000	-		2	PIPE	
050	1487023-0000	-		2	PIPE	
070	90458-2964	-		6	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/8	
080	90165-0147	-		4	HOSE CLIP	
100	90187-0148	A		3	BALL VALVE G1	
	90187-0319	*-*		*1*	*GASKET UNIT*	
Common Parts						
060	315229-0103	A		4	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
090	90166-0233	-	MM	300	HOSE	
110	90166-0233	-	MM	300	HOSE	

Pos	Part No	SP	UN	Qty	Description	Page No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140
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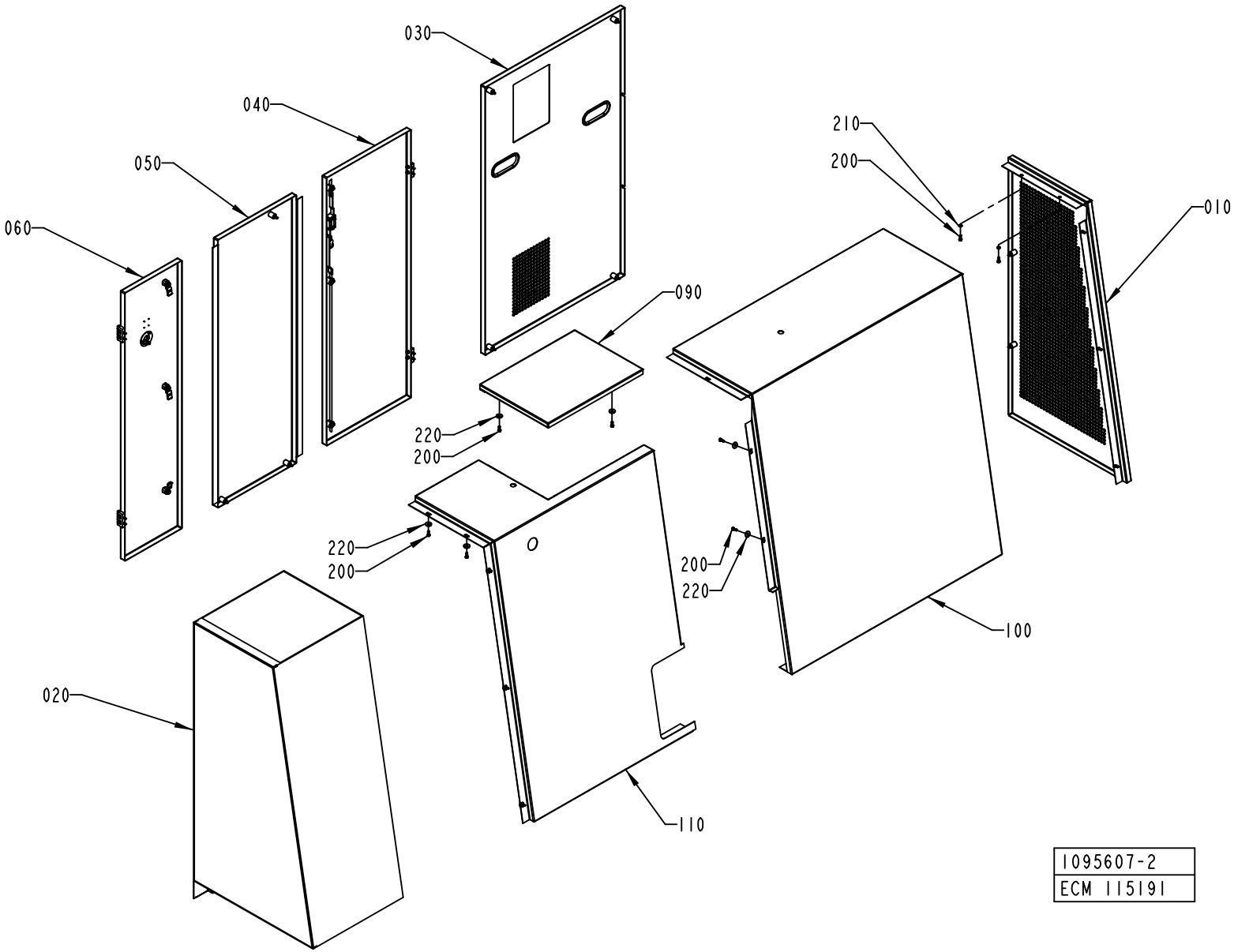
260
2613034-1
ECM 139813

ECM: 139818 - 20030923
Group number: 2613034-0100
Assembly Drawing: 2613034-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	2613033-0000	-		1	MACHINE BODY	
030	1041963-0000	-		1	WASTE BOX	
040	1129387-0000	-		1	CONNECTION TABLE	
050	1538868-0000	-		3	BRACKET	
060	1255293-0000	-		1	CROSS BAR	
070	2524363-0000	-		1	HANGER	
100	312105-0495	-		5	SCREW M6S ISO 4017 M10X30 A480	
110	312115-0327	-		6	SCREW ISO4762 M5X12 A4	
120	315105-0173	-		3	WASHER BRB10,5X22RFR	
130	312105-0368	-		3	SCREW M6S M6X16 A280	
140	315105-0153	-		3	WASHER BRB6,4X12RFR	
150	90261-0069	-		1	PLUG, BLIND, PLASTIC, NO. 055-0615	
160	312109-0457	-		1	SCREW M6S ISO 4017 M8X35 A480	
170	315105-0146	-		6	BRICKA BRB5,3X10RFR	
180	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
190	312105-0451	-		1	SCREW M6S ISO 4017 M8X20 A480	
200	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
210	315105-0165	-		5	WASHER BRB8,4X16RFR	
220	342991-0102	-		1	HOSE CLIP,WORM DRIVE TYPE (16)-19	
230	352113-0205	-		15	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
240	312125-0287	-		15	SCREW PAN HEAD MCS M4X8 SS	
250	315115-0173	-		2	WASHER PLAIN, TBRB 10,5/22 H=4	
260	342713-0213	-		1	PLUG, EXT THREAD HEX SOCKET 8638-00-120	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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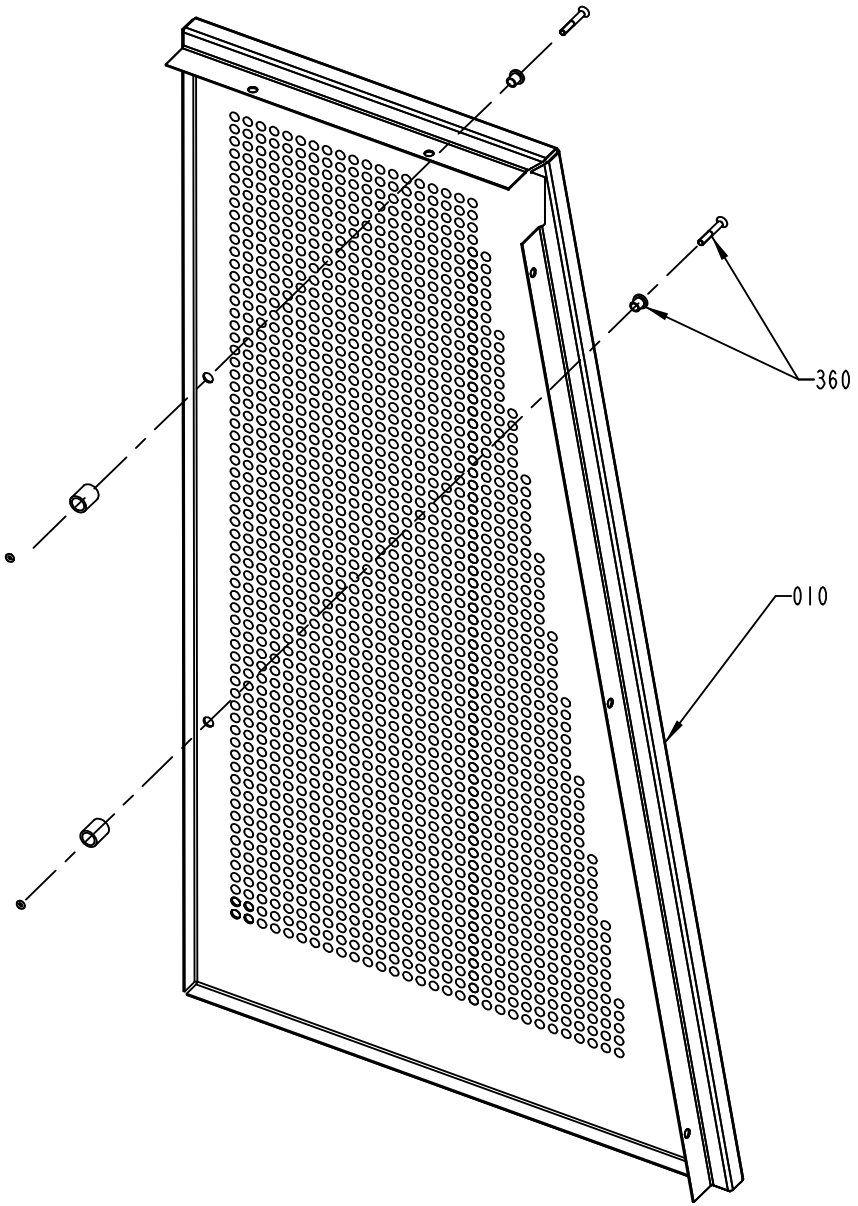
210
200
010
090
220
200
220
200
200
220
100
020
110
1095607-2
ECM 115191

ECM: 112328 - 20030403
Group number: 1095607-0200
Assembly Drawing: 1095607-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095883-0200	-		1	GABLE PLATE	**807**
020	1095886-0200	-		1	COVERING PANEL	**809**
030	1095888-0200	-		1	HATCH	**815**
040	1095889-0100	-		1	DOOR	**817**
050	1095890-0200	-		1	HATCH	**819**
060	1095891-0200	-		1	DOOR	**821**
090	1255637-0000	-		1	COVER	
100	1255636-0000	-		1	COVERING PANEL	
110	1255638-0000	-		1	COVERING PANEL	
200	312105-0368	-		19	SCREW M6S M6X16 A280	
210	315105-0153	-		5	WASHER BRB6,4X12RFR	
220	315125-0153	-		14	WASHER TBRSB 6,4X22X4 A4	

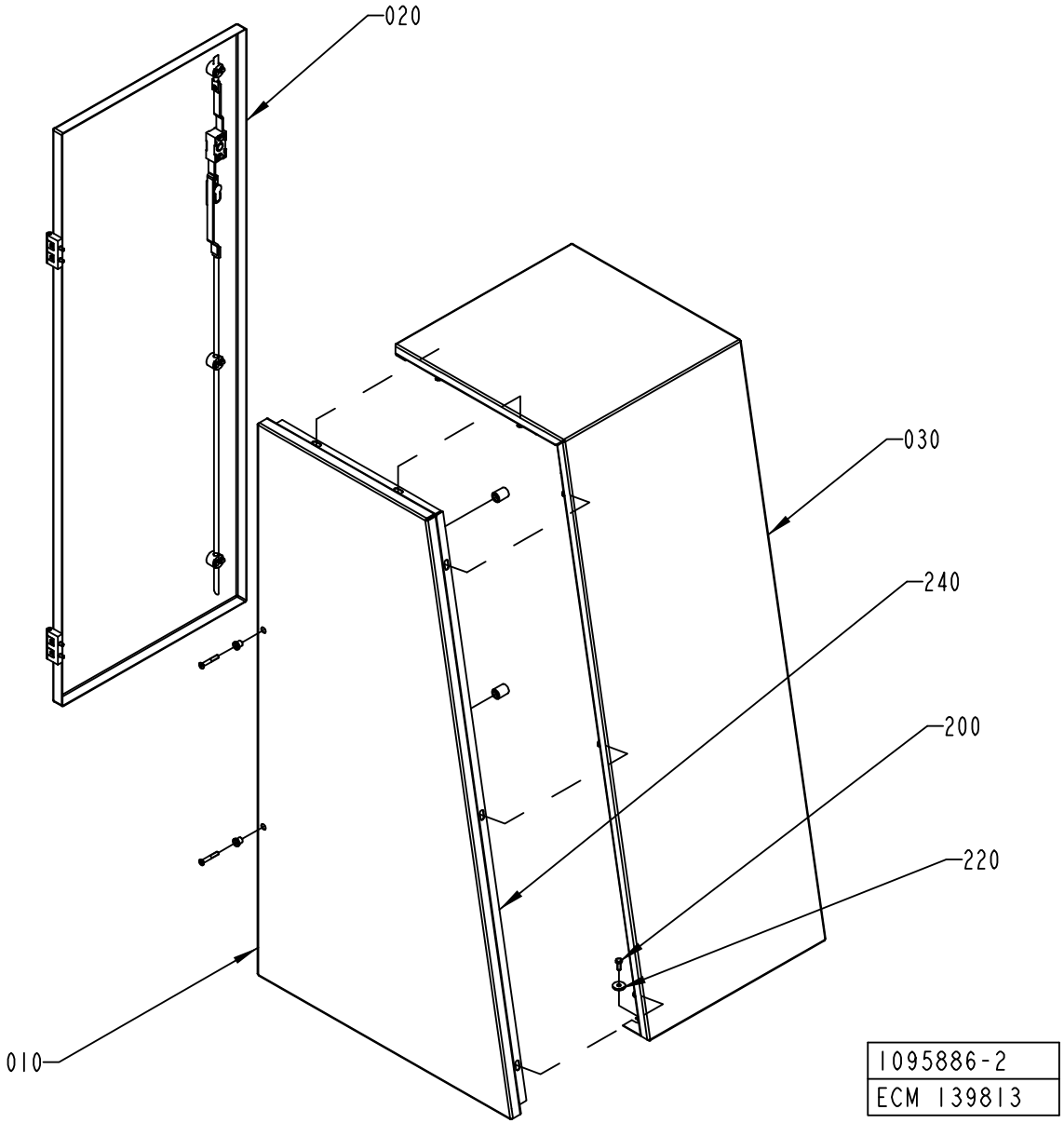
Pos	Part No	SP	UN	Qty	Description	Page No


360
010

ECM: 70233 - 19960523
Group number: 1095883-0200
Assembly Drawing: 1095883-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1255671-0000	-		1	GABLE PLATE	
360	90226-0458	-		2	MOUNTING SCREW	

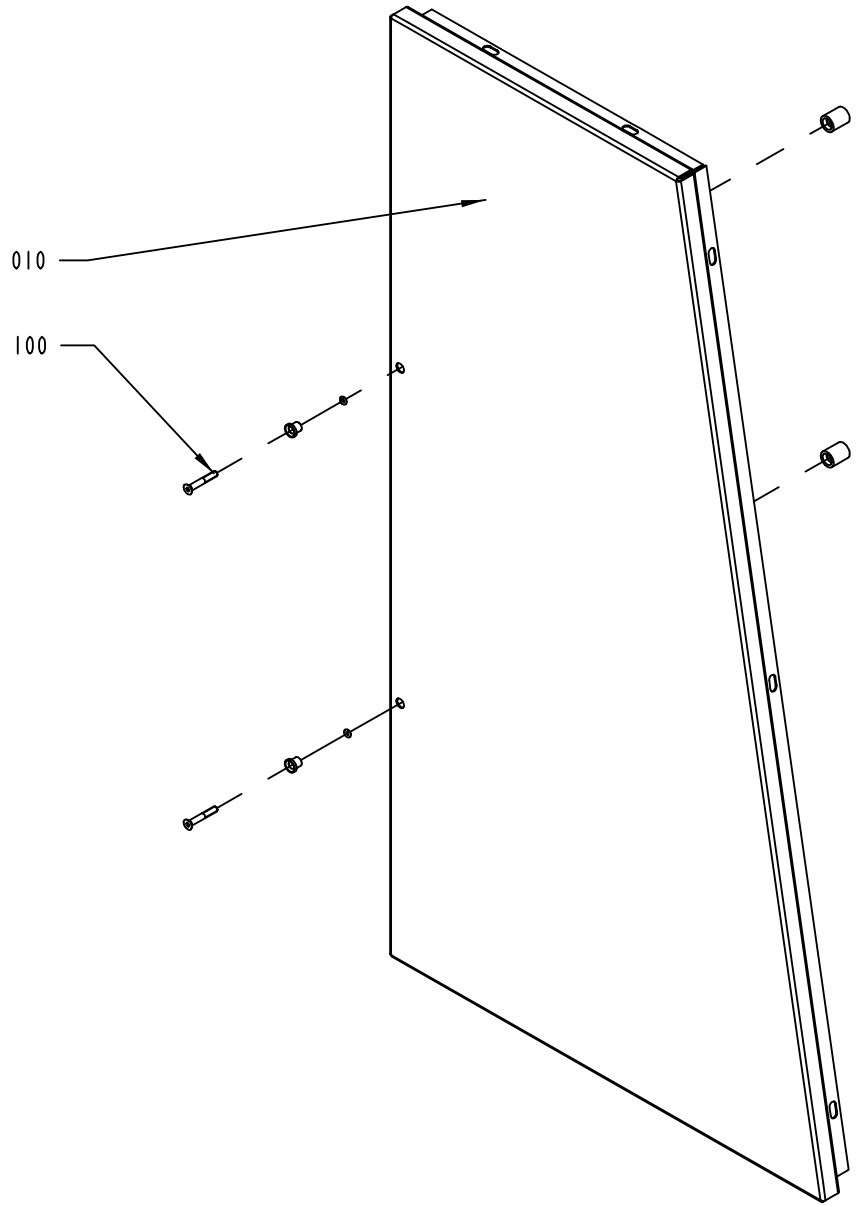
Pos	Part No	SP	UN	Qty	Description	Page No


020
030
240
200
220
010
1095886-2
ECM 139813

ECM: 140257 - 20030923
Group number: 1095886-0200
Assembly Drawing: 1095886-2_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2610775-0100	-		1	COVER	**811**
020	2610772-0100	-		1	DOOR	**813**
030	1041967-0000	-		1	COVERING PANEL	
200	312105-0368	-		7	SCREW M6S M6X16 A280	
220	315125-0153	-		7	WASHER TBRSB 6,4X22X4 A4	
240	90143-0060	-	MM	1120	EDGE STRIP 9,5X6,3MM BLACK PVC	

Pos	Part No	SP	UN	Qty	Description	Page No

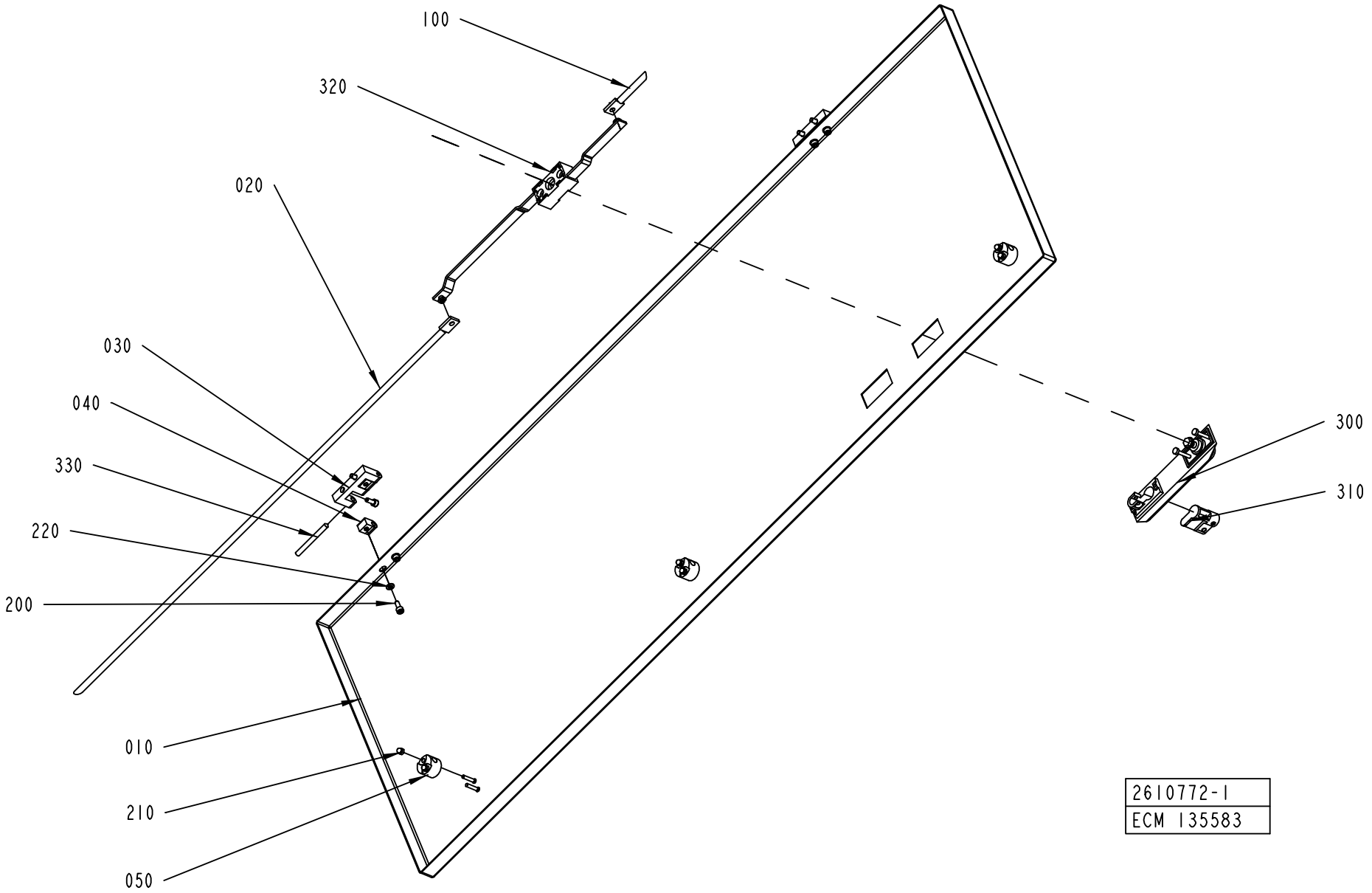


2610775-1
ECM 135583

ECM: 135674 - 20030922
Group number: 2610775-0100
Assembly Drawing: 2610775-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2610703-0000	-		1	GABLE PLATE	
100	90226-0458	-		2	MOUNTING SCREW	

Pos	Part No	SP	UN	Qty	Description	Page No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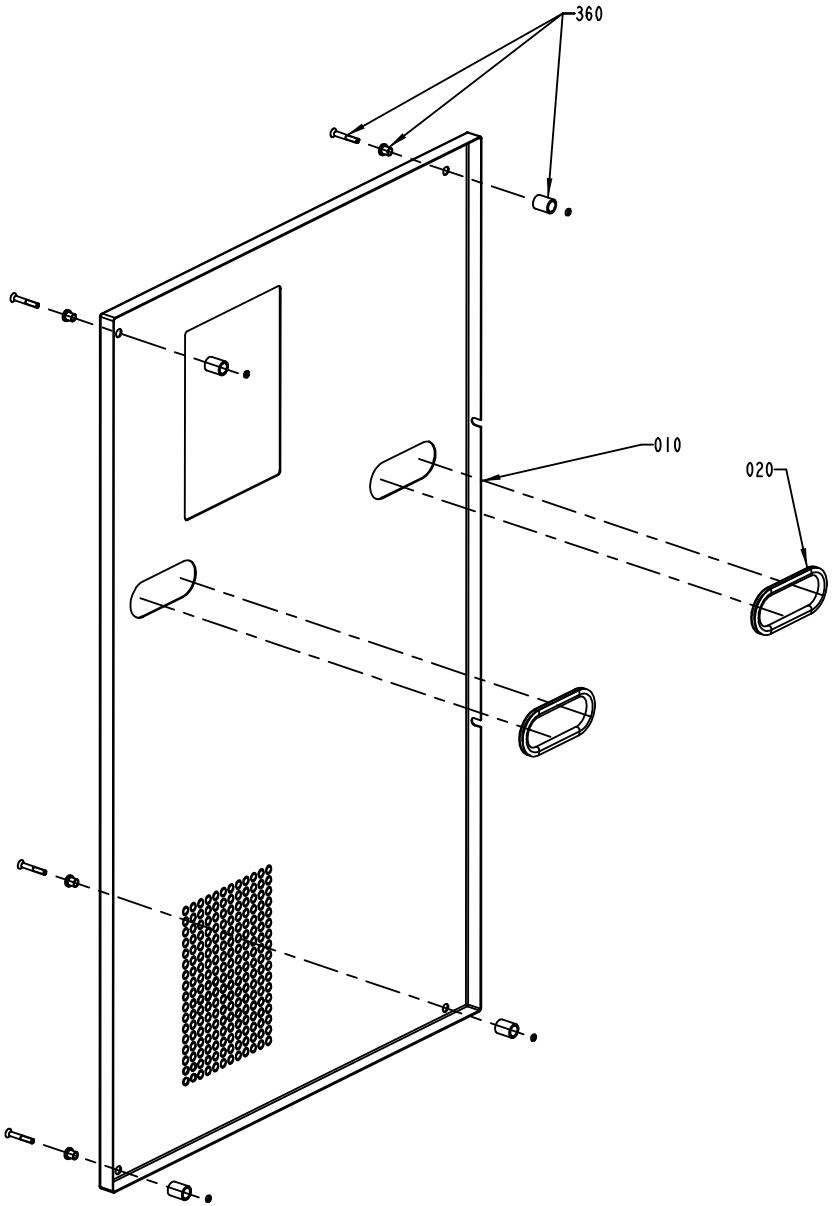
020
030
040
330
220
200
010
210
050
300
310
2610772-1
ECM 135583

ECM: 135673 - 20030922
Group number: 2610772-0100
Assembly Drawing: 2610772-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2610704-0000	-		1	DOOR	
020	2610736-0000	-		1	LOCKING ARM	
030	1035792-0000	-		2	E-HINGE	
040	1035794-0000	-		4	BLOCKING PIECE	
050	1129274-0000	-		3	GUIDE LUG	
200	312115-0327	-		8	SCREW ISO4762 M5X12 A4	
210	312705-0312	-		6	NUT HEX. DOMED CAP MHM-6 M4 A280	
220	315105-0146	-		4	BRICKA BRB5,3X10RFR	
300	90237-0175	-		1	TURNING HANDLE	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
330	988685-0000	-		2	PIN	

Pos	Part No	SP	UN	Qty	Description	Page No

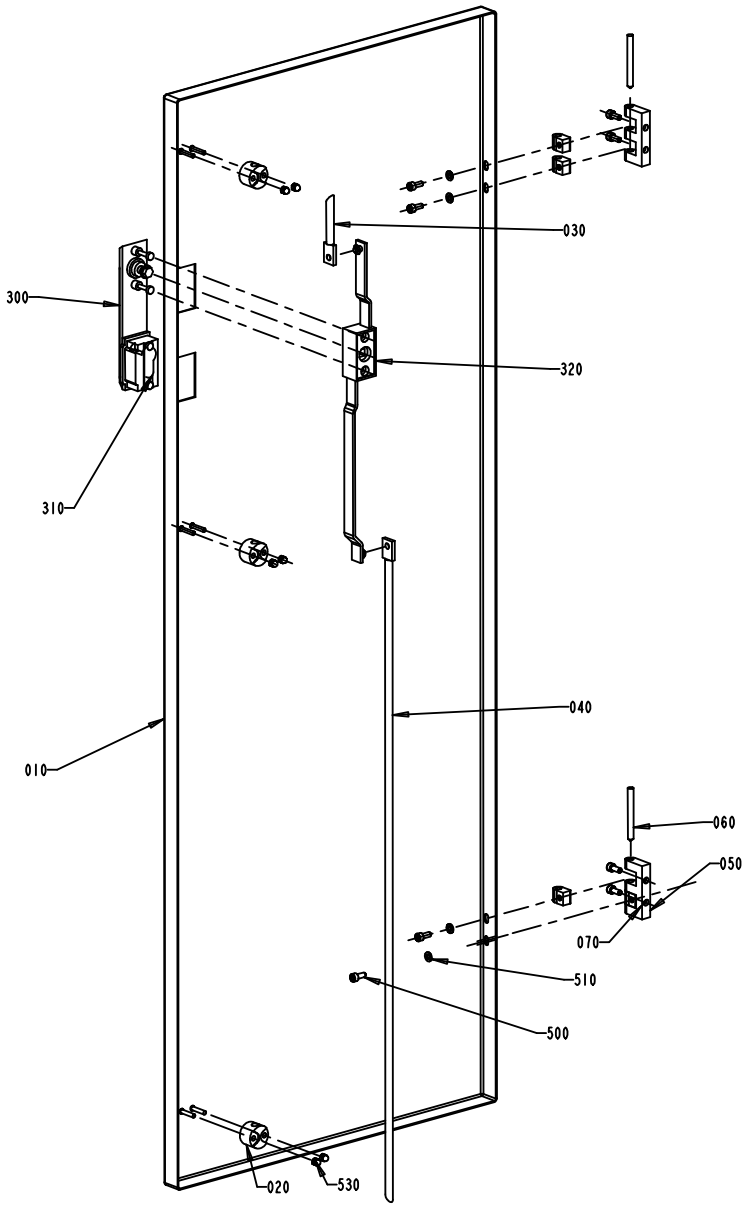
Machine Type Group Description Used-In Group Number Page No


360
010
020

ECM: 70357 - 19970613
Group number: 1095888-0200
Assembly Drawing: 1095888-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1255633-0000	-		1	HATCH	
020	90143-0060	-	M	1	EDGE STRIP 9,5X6,3MM BLACK PVC	
360	90226-0458	-		4	MOUNTING SCREW	

Pos	Part No	SP	UN	Qty	Description	Page No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300
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070
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500
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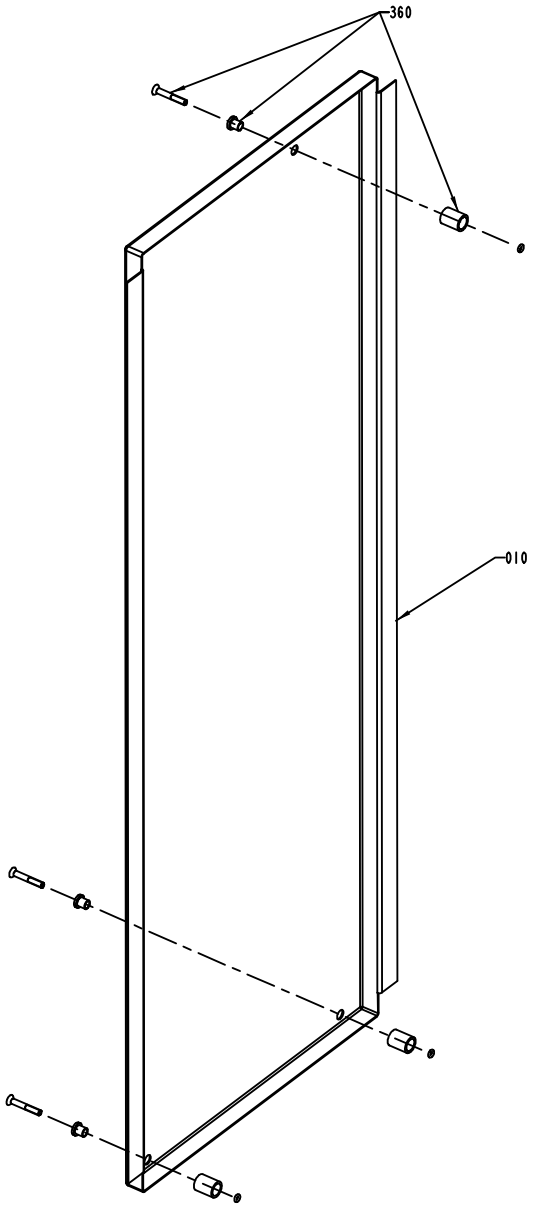
530

ECM: 116234 - 20030403
Group number: 1095889-0100
Assembly Drawing: 1095889-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1041970-0000	-		1	DOOR	
020	1129274-0000	-		1	GUIDE LUG	
030	1036304-0001	-		1	LOCKING ARM	
040	1036304-0014	-		1	LOCKING ARM	
050	1035792-0000	-		2	E-HINGE	
060	988685-0000	-		2	PIN	
070	1035794-0000	-		4	BLOCKING PIECE	
300	90237-0126	B		1	TURNING HANDLE "REPBY 90237-175"	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
500	312115-0327	-		8	SCREW ISO4762 M5X12 A4	
510	315105-0146	-		4	BRICKA BRB5,3X10RFR	
530	312705-0312	-		6	NUT HEX. DOMED CAP MHM-6 M4 A280	

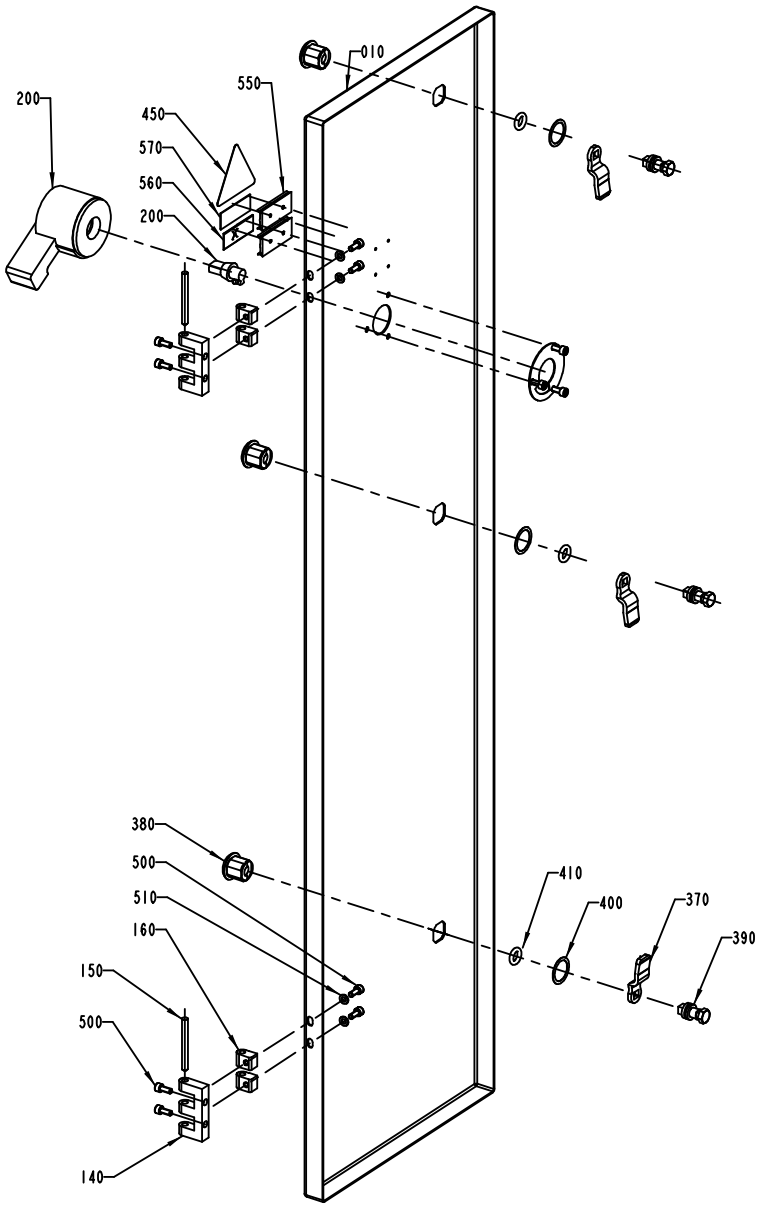
Pos	Part No	SP	UN	Qty	Description	Page No


360
010

ECM: 70233 - 19960523
Group number: 1095890-0200
Assembly Drawing: 1095890-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1255635-0000	-		1	HATCH	
360	90226-0458	-		3	MOUNTING SCREW	

Pos	Part No	SP	UN	Qty	Description	Page No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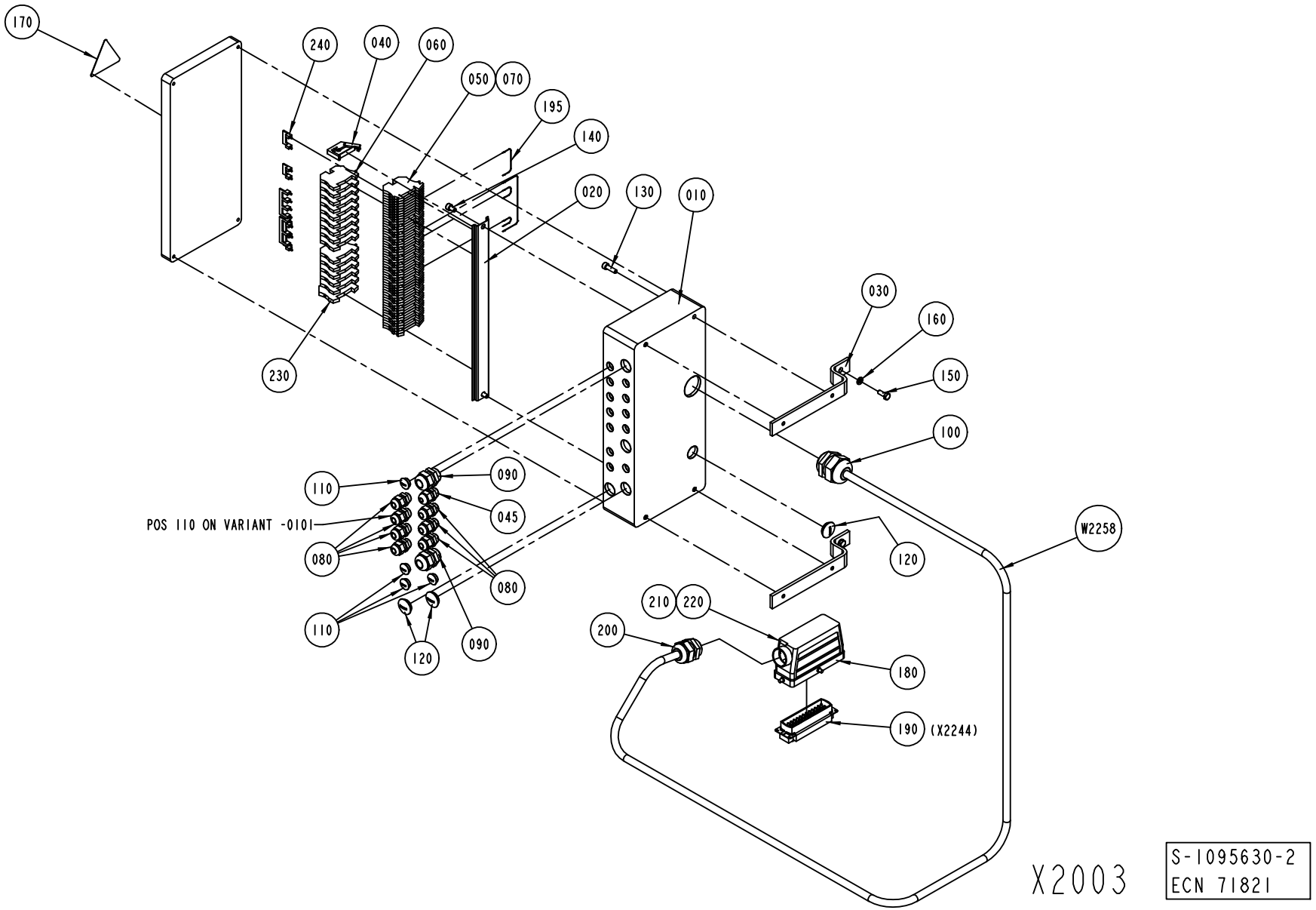
390

ECM: 116233 - 20030403
Group number: 1095891-0200
Assembly Drawing: 1095891-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
50HZ						
570	359243-0917	A		1	SIGN"400V, 50HZ, 100A"	
60HZ						
570	359243-0918	A		1	SIGN"400V, 60HZ, 100A"	
Common Parts						
010	1041972-0000	-		1	DOOR	
140	1035792-0000	-		2	E-HINGE	
150	988685-0000	-		2	PIN	
160	1035794-0000	-		4	BLOCKING PIECE	
200	90051-0106	B		1	COCK HANDLE, NO. H6	
370	90237-0157	-		3	LOCK BOLT, 1000-230	
380	90237-0319	-		3	LOCK HOUSING, 1000-U134	
390	90237-0320	-		3	LOCK HOUSING, 1000-U136	
400	90237-0322	-		3	LOCK GASKET, 1000-U137	
410	90237-0323	A		3	LOCK O-RINGT, 1000-24	
450	90194-0016	A		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
490	311520-0329	-		4	RIVET, BLANK 2,4X8	
500	312115-0327	-		8	SCREW ISO4762 M5X12 A4	
510	315105-0146	-		4	BRICKA BRB5,3X10RFR	
550	359240-0100	-		2	SIGN HOLDER FOR 359240-0001	
560	359241-0431	A		1	SIGN "MAIN SWITCH"	

Pos	Part No	SP	UN	Qty	Description	Page No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020
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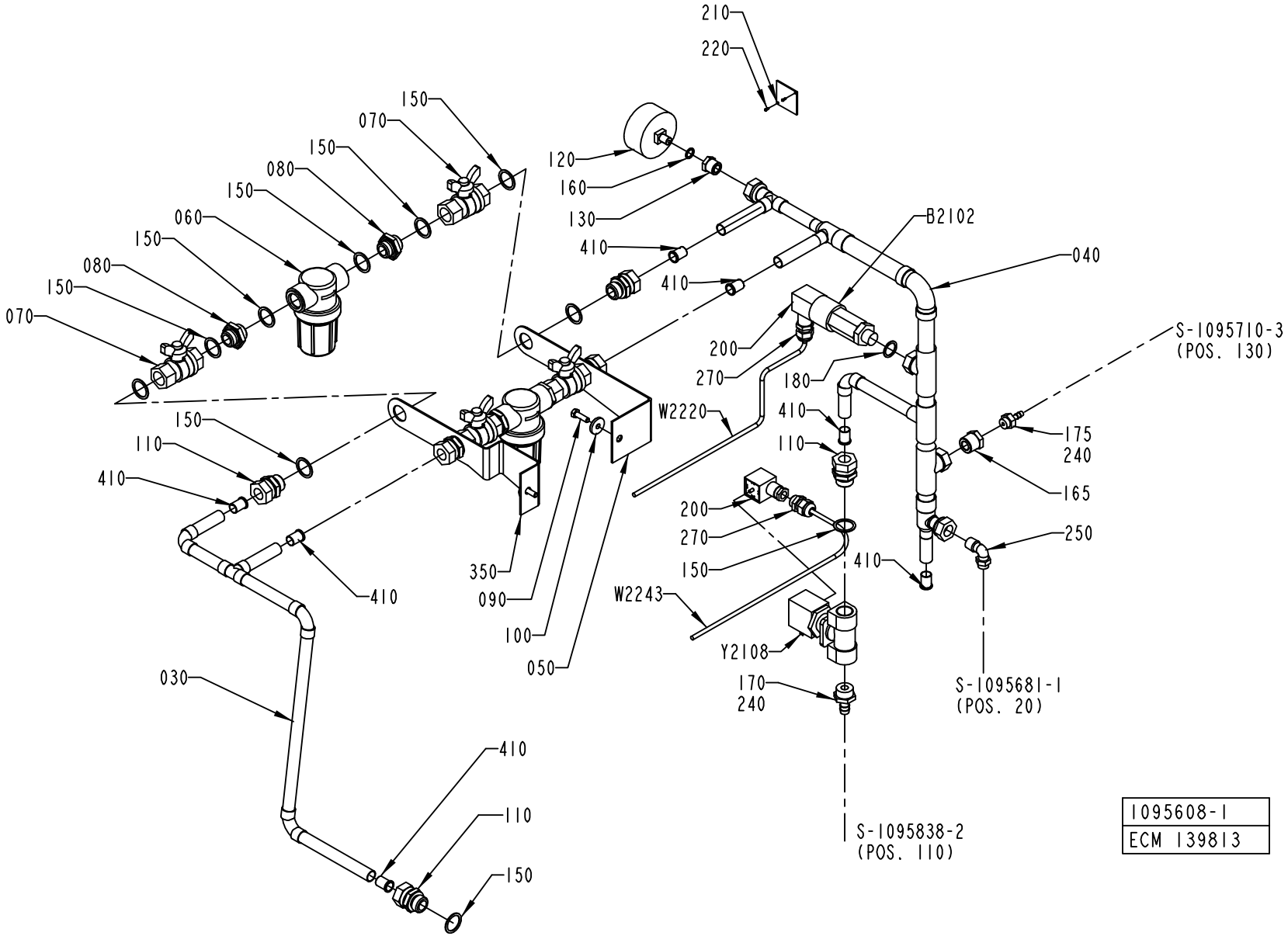
045
080
POS 110 ON VARIANT -0101
080
110
120
090
210
220
200
180
190
(X2244)
X2003
S-1095630-2
ECN 71821

ECM: 145286 - 20030923
Group number: 1095630-0200
Assembly Drawing: 1095630-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
110	90002-0013	-		4	BLANK-OFF PLUG, PR 15,2 SKINDICHT-BLK9	
W2258	351150-0425	-	MM	2300	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
Common Parts						
010	1129202-0000	-		1	CONNECTION BOX	
020	1129209-0000	-		1	MOUNTING RAIL	
030	1129182-0000	-		2	BRACKET	
040	353031-0201	-		1	END BRACKET EW35	
045	352103-0100	-		1	CABLE GLAND, STR 9, PR15,2/PG9	
050	353021-0216	-		40	FEED THROUGH TERMINAL, 10200.8	
060	353024-0204	-		14	EARTH TERMINAL WPE 2,5	
070	359011-0809	-		2	MARKING PLATES 5-FW 101-150	
080	352103-0101	-		7	CABLE GLAND, ST 9, PR15,2/PG9	
090	352103-0110	-		2	CABLE GLAND, STR 16, PR22,5/PG16	
100	352103-0120	-		1	CABLE GLAND, STR 29, PR37,0/PG29	
120	90002-0004	-		3	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
130	312115-0370	-		4	SCREW ISO4762 M6X20 A4	
140	312115-0364	-		2	SCREW ISO4762 M6X10 A4	
150	312105-0368	-		2	SCREW M6S M6X16 A280	
160	315105-0153	-		2	WASHER BRB6,4X12RFR	
170	90194-0016	A		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
180	90110-0228	A		1	CABLE HOOD 24-POL 71.350.2428.0	
190	90110-0150	A		1	MALE INSERT 121110 0000	
195	351172-0102	-	M	1	CABLE AWM 1X 0,75 MM2 DARK-BLUE	
200	352103-0116	-		1	CABLE GLAND, ST 21, PR28,3/PG21	
210	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	
220	359005-0010	-		1	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
230	353024-0205	-		1	EARTH TERMINAL, 1010.1	
240	353034-0030	-		4	BRIDGE CONNECTOR WQV 2,5/10, 10544.6	

Pos	Part No	SP	UN	Qty	Description	Page No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S-1095710-3
(POS. 130)
200
270
180
W2220
410
110
175
240
165
250
150
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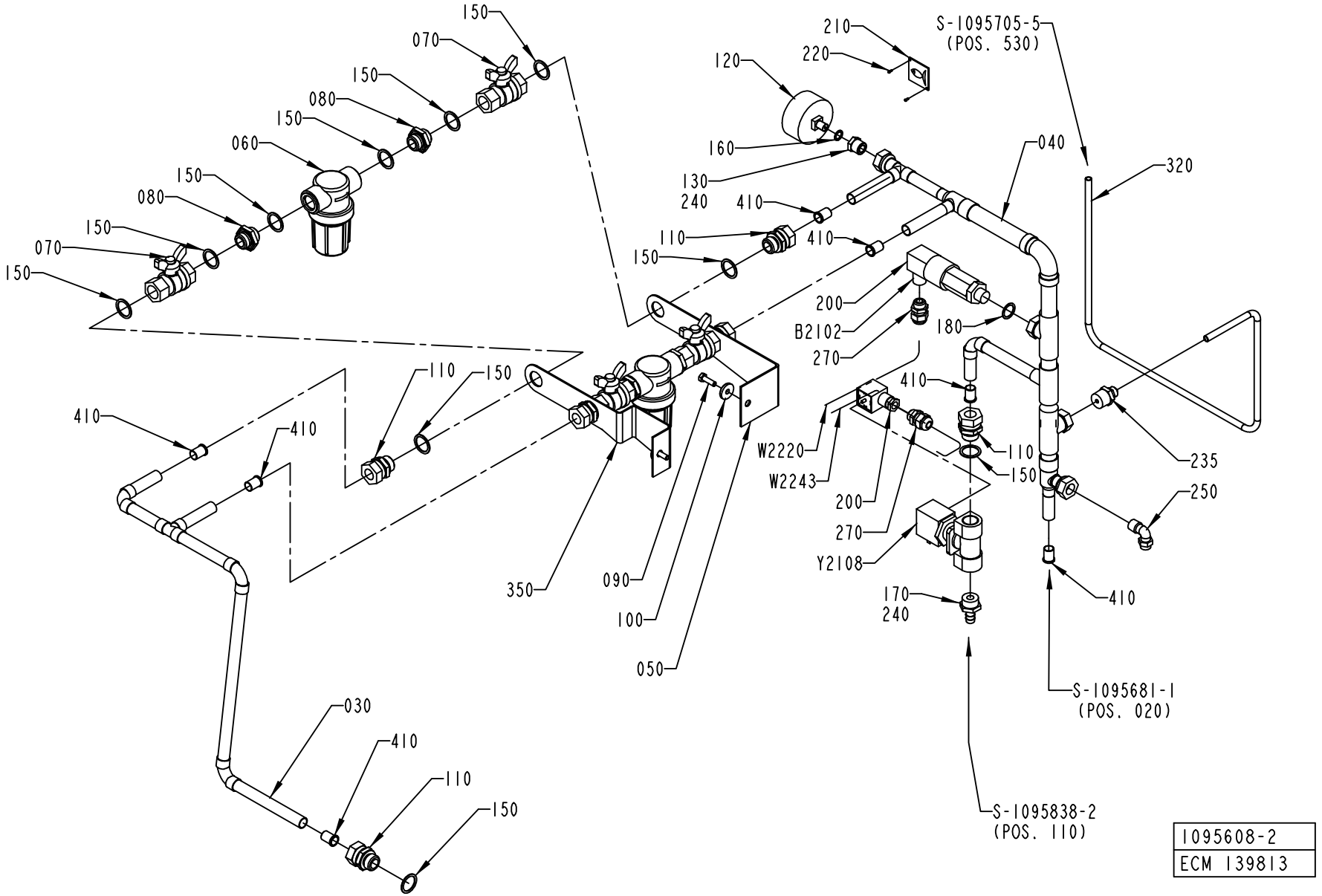
200
270
150
410
350
090
100
050
W2243
Y2108
170
240
S-1095681-1
(POS. 20)
030
410
110
150
S-1095838-2
(POS. 110)
1095608-1
ECM 139813

ECM: 139816 - 20030923
Group number: 1095608-0100
Assembly Drawing: 1095608-1_1_AH

This list covers pages from 824 to 827

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 COMPRESSOR (See drawing on page: 824)						
165	342901-0102	-		1	HOSE NIPPLE, EXT.THR. R1/4-7 MM	
175	90330-0085	-		1	BUSHING, INT/EXT. THR. R1/2-RP1/4	
180	315239-0111	-		1	NYLON WASHER G3/8	
330	1511629-0000	-		1	WATER DIAGRAM	
TBA/21 ICE-WATER (See drawing on page: 826)						
180	315239-0111	-		1	NYLON WASHER G3/8	
235	342920-0124	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-R1/2"	
320	90166-0118	-	MM	900	TUBE 8 MM PA BLACK	
330	1255364-0000	-		1	WATER DIAGRAM	
Common Parts						
030	1041932-0000	-		1	PIPE	
040	1041933-0000	-		1	PIPE	
050	1037583-0000	-		1	HOLDER	
060	90458-0921	B		2	FILTER SP 122-200	
	90458-2541	-		*1*	*FILTER, CP23174-7-304SS*	
070	90187-0029	B		4	BALL VALVE G1/2, NPBR	
080	479261-0000	-		4	NIPPLE	
090	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
100	315125-0153	-		2	WASHER TBRSB 6,4X22X4 A4	
110	342720-0114	-		6	CONN. STR. GA-15-G1/2	
120	90043-0006	B		1	PRESSURE GAUGE, 2041 D=63 MM	
130	342701-0202	-		1	BUSHING,INT./EXT.G-THREAD G3/8"-G1/8"	
150	315239-0113	-		18	NYLON WASHER G1/2	
160	315239-0109	-		1	NYLON WASHER G1/8	
170	342901-0105	-		1	HOSE NIPPLE, EXT.THR. R1/2-12 MM	
200	90110-0095	A		1	CONNECTOR 3 POLE + EARTH	
210	273455-0000	-		1	LABEL (COLD WATER)	
220	312502-0120	-		2	DRIVE SCREW ROUND HEAD KDS 0X5	
240	90157-0016	-		1	LOCKING FLUID	
250	342930-0133	-		1	ELBOW 90 COUPL.,EXT.THREAD 10/8-R3/8"	
270	352103-0101	-		2	CABLE GLAND, ST 9, PR15,2/PG9	
350	2547061-0000	-		1	HOLDER	
410	342708-0109	-		7	REINFORCING RING VSH 15X1 MM	
B 2102	90274-0042	A		1	PRESSURE GUARD, 200 KPA	
W 2220	351150-0403	-	MM	2000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W 2243	351150-0403	-	MM	2000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
Y 2108	90042-0249	A		1	SOLENOID VALVE OFFICINE DI ENSINO	

Machine Type	Group Description	Used-In	Group Number	Page No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S-1095705-5
(POS. 530)
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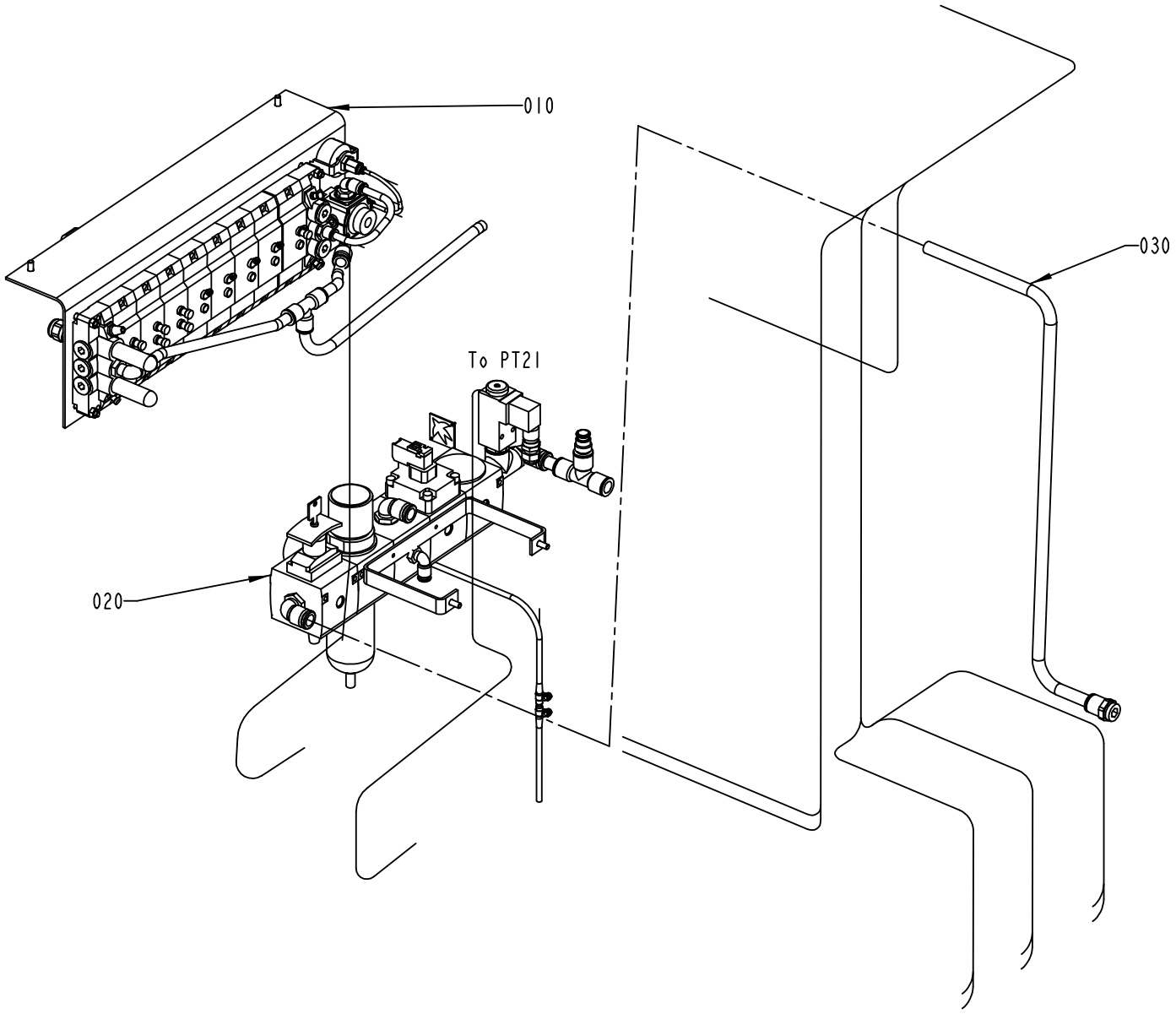
(POS. 020)
S-1095838-2
(POS. 110)
1095608-2
ECM 139813

ECM: 139816 - 20030923
Group number: 1095608-0100
Assembly Drawing: 1095608-2_1_AG

This list covers pages from 824 to 827

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 COMPRESSOR (See drawing on page: 824)						
165	342901-0102	-		1	HOSE NIPPLE, EXT.THR. R1/4-7 MM	
175	90330-0085	-		1	BUSHING, INT/EXT. THR. R1/2-RP1/4	
180	315239-0111	-		1	NYLON WASHER G3/8	
330	1511629-0000	-		1	WATER DIAGRAM	
TBA/21 ICE-WATER (See drawing on page: 826)						
180	315239-0111	-		1	NYLON WASHER G3/8	
235	342920-0124	-		1	STRAIGHT COUPLING,EXT.THREADED 8/6-R1/2"	
320	90166-0118	-	MM	900	TUBE 8 MM PA BLACK	
330	1255364-0000	-		1	WATER DIAGRAM	
Common Parts						
030	1041932-0000	-		1	PIPE	
040	1041933-0000	-		1	PIPE	
050	1037583-0000	-		1	HOLDER	
060	90458-0921	B		2	FILTER SP 122-200	
	90458-2541	-		*1*	*FILTER, CP23174-7-304SS*	
070	90187-0029	B		4	BALL VALVE G1/2, NPBR	
080	479261-0000	-		4	NIPPLE	
090	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
100	315125-0153	-		2	WASHER TBRSB 6,4X22X4 A4	
110	342720-0114	-		6	CONN. STR. GA-15-G1/2	
120	90043-0006	B		1	PRESSURE GAUGE, 2041 D=63 MM	
130	342701-0202	-		1	BUSHING,INT./EXT.G-THREAD G3/8"-G1/8"	
150	315239-0113	-		18	NYLON WASHER G1/2	
160	315239-0109	-		1	NYLON WASHER G1/8	
170	342901-0105	-		1	HOSE NIPPLE, EXT.THR. R1/2-12 MM	
200	90110-0095	A		1	CONNECTOR 3 POLE + EARTH	
210	273455-0000	-		1	LABEL (COLD WATER)	
220	312502-0120	-		2	DRIVE SCREW ROUND HEAD KDS 0X5	
240	90157-0016	-		1	LOCKING FLUID	
250	342930-0133	-		1	ELBOW 90 COUPL.,EXT.THREAD 10/8-R3/8"	
270	352103-0101	-		2	CABLE GLAND, ST 9, PR15,2/PG9	
350	2547061-0000	-		1	HOLDER	
410	342708-0109	-		7	REINFORCING RING VSH 15X1 MM	
B 2102	90274-0042	A		1	PRESSURE GUARD, 200 KPA	
W 2220	351150-0403	-	MM	2000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W 2243	351150-0403	-	MM	2000	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
Y 2108	90042-0249	A		1	SOLENOID VALVE OFFICINE DI ENSINO	

Machine Type	Group Description	Used-In	Group Number	Page No

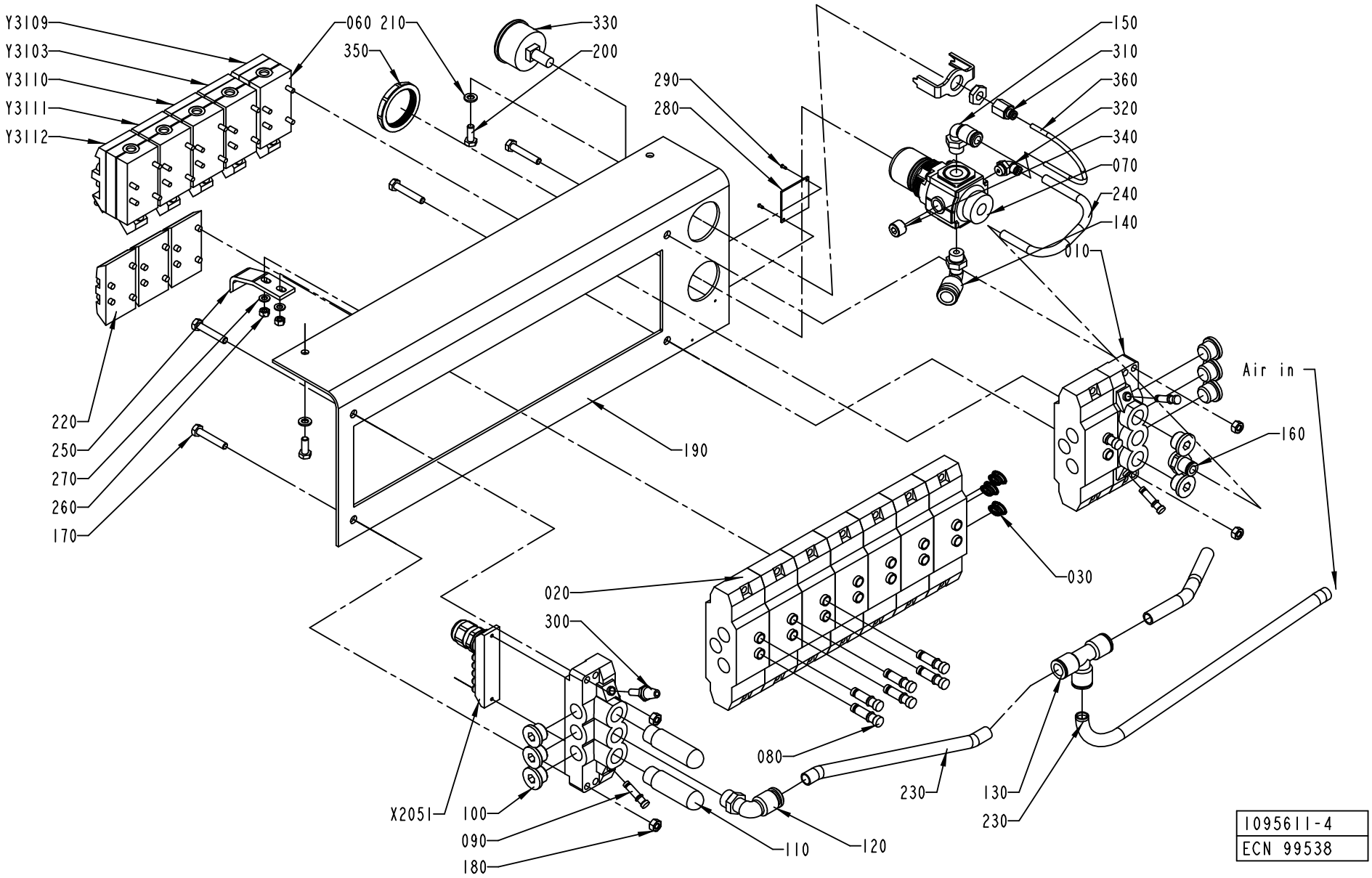


1095714-2
ECM 115191

ECM: 139561 - 20030711
Group number: 1095714-0300
Assembly Drawing: 1095714-2_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095611-0300	-		1	VALVE PANEL	**831**
020	1095609-0200	-		1	PNEUMATIC UNIT	**833**
030	1095716-0100	-		1	PIPE WORK-AIR	**835**

Pos	Part No	SP	UN	Qty	Description	Page No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Y3111
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Air in
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X2051
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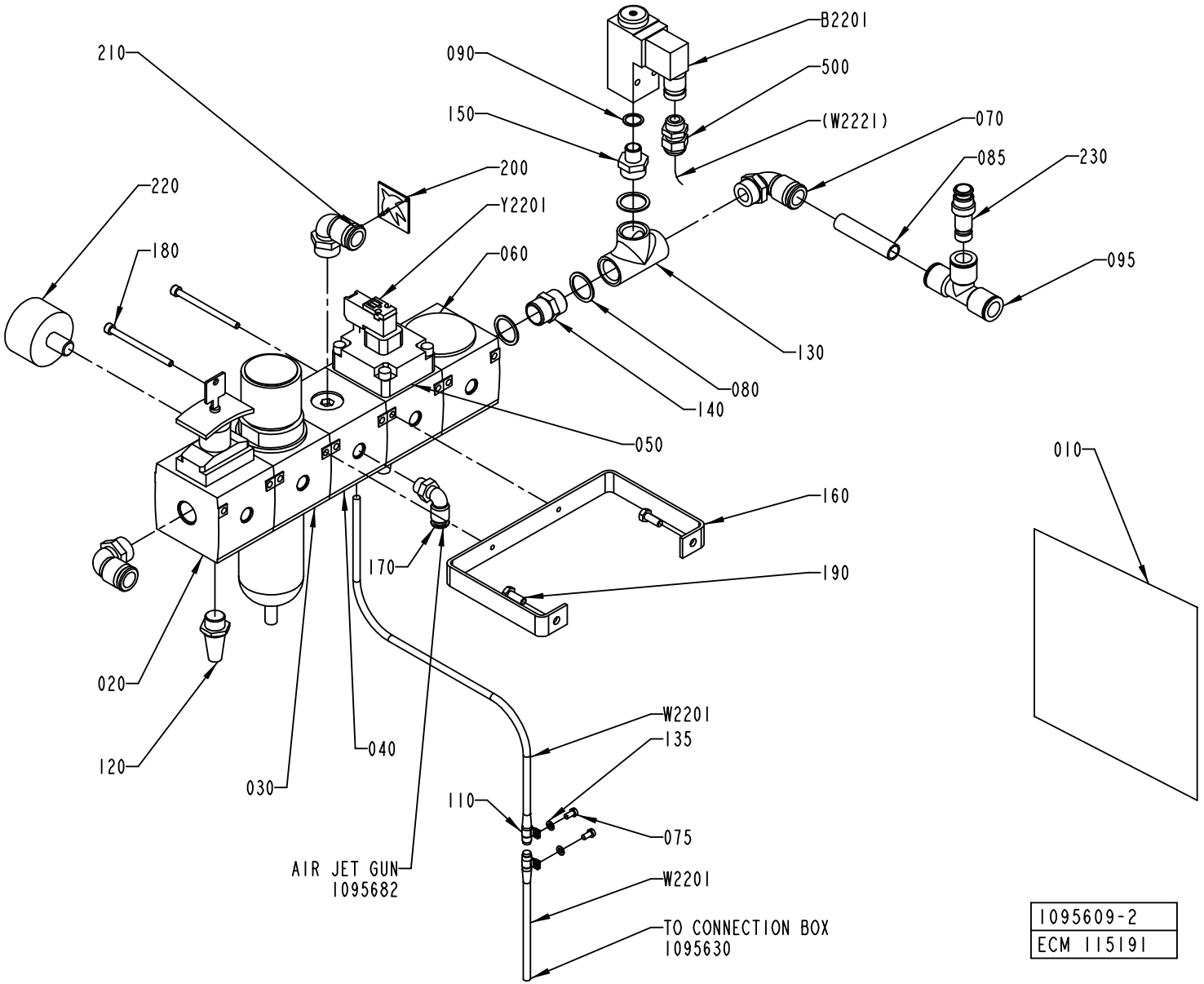
1095611-4
ECN 99538

ECM: 145287 - 20030923
Group number: 1095611-0300
Assembly Drawing: 1095611-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
005	1334229-0000	-		1	PNEUMATIC DIAGRAM	
060	90042-0215	-		5	VALVE BODY 5/2 UNISTABLE	
080	342715-0103	-		9	BLIND PLUG 8 MM	
220	90042-0519	B		3	BLANK PLATE ISO SIZE 1	
250	1036227-0000	-		1	BRACKET	
Common Parts						
010	90042-0522	A		2	PORTED END PIECE ISO SIZE 1	
020	90042-0532	A		8	BASE PLATE ISO SIZE 1	
030	90042-0528	A		1	BLANKING KIT SEALS ISO SIZE 1	
050	90042-0526	-		5	PROTECTIVE SLEEVE MECMAN	
070	90113-0470	A		1	MANIFOLD REGULATOR 10 BAR	
090	342715-0102	-		3	BLIND PLUG 6 MM	
100	342713-0211	-		8	PLUG, EXT THREAD HEX SOCKET 8638-00-380	
110	90328-0024	B		2	SILENCER G3/8	
120	342732-0110	-		1	ELBOW PIPE JOINT, EXT.THREAD,D=12MM-G3/8	
130	342748-0109	-		1	T-CONNECTION 12MM	
140	342732-0109	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=1MM-G1/4	
150	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
160	342722-0206	-		1	STRAIGHT COUPLING D=8-G3/8"	
170	312105-0376	-		4	SCREW M6S ISO 4014 M6X35 A480	
180	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
190	1517295-0000	-		1	SHEET	
200	312105-0368	-		2	SCREW M6S M6X16 A280	
210	315105-0153	-		2	WASHER BRB6,4X12RFR	
230	90166-0068	-	MM	1000	TUBE 12 MM PA BLUE	
240	90166-0194	-	MM	400	TUBE 8 MM PUR BLUE	
260	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
270	315105-0146	-		2	BRICKA BRB5,3X10RFR	
280	1041938-0000	-		1	SIGN	
290	312502-0120	-		2	DRIVE SCREW ROUND HEAD KDS 0X5	
300	90328-0017	-		1	SILENCER, D=6 MM	
310	342770-0101	-		1	STRAIGHT COUPLING INT, D=4 MM - G1/8	
320	342732-0100	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=4MM-G1/8	
330	90043-0065	B		1	PRESSURE GAUGE, 2048 D=40 MM	
340	90087-0036	-		1	PLUG	
350	90457-0078	-		1	PANEL NUT	
360	90166-0095	-	MM	200	TUBE 4 MM PA BLUE	
X2051	90042-0535	A		1	TERMINAL BOARD 19 CORDS	
Y3103	90042-0538	A		1	PILOT VALVE L=500MM	
Y3109	90042-0538	A		1	PILOT VALVE L=500MM	
Y3111	90042-0538	A		1	PILOT VALVE L=500MM	
Y3112	90042-0538	A		1	PILOT VALVE L=500MM	

Machine Type | Group Description | Used-In | Group Number | Page No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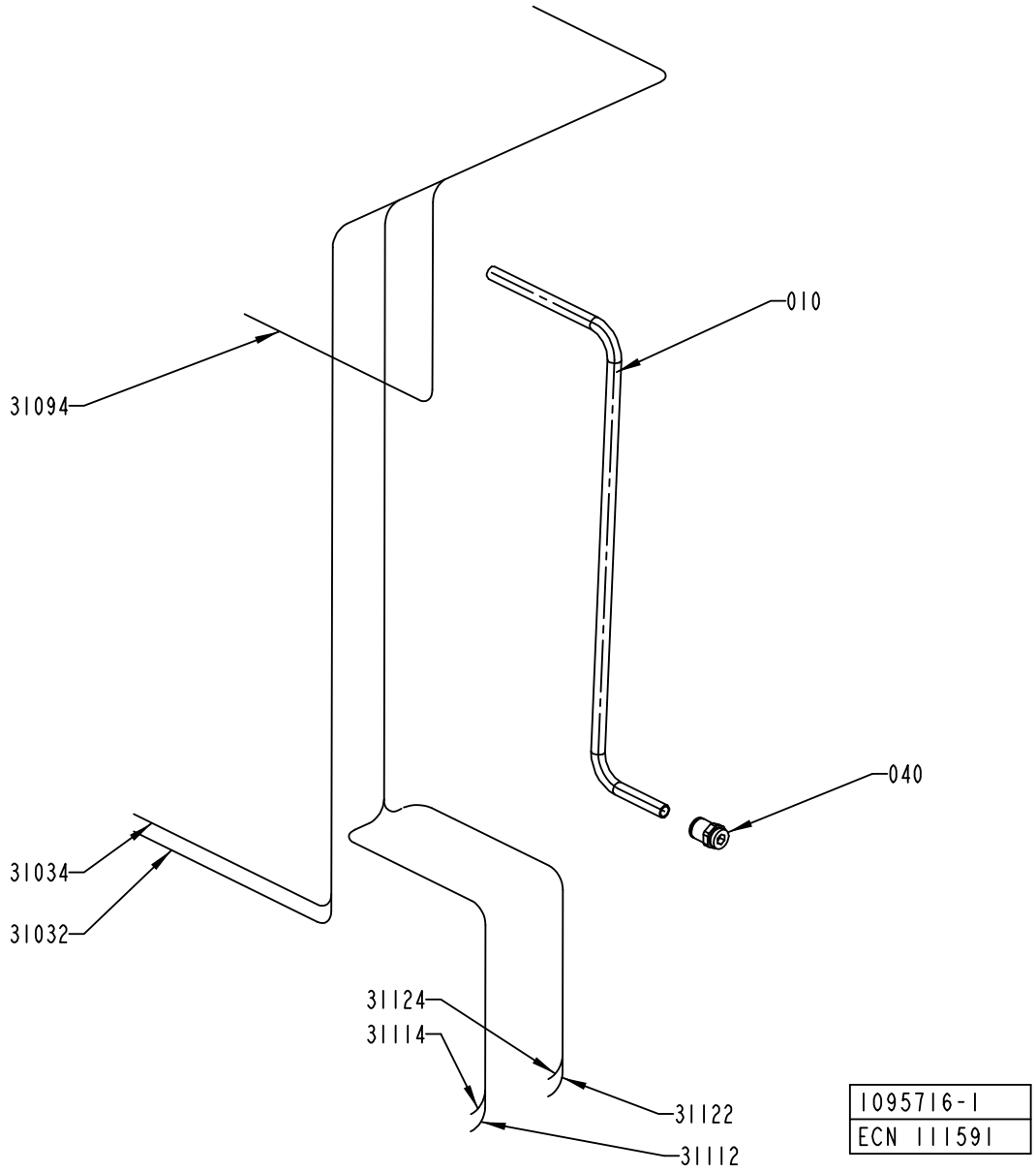
1095682
W2201
TO CONNECTION BOX
1095630
1095609-2
ECM 115191

ECM: 111597 - 20030403
Group number: 1095609-0200
Assembly Drawing: 1095609-2_1_AF

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
010	1129150-0000	-		1	PNEUMATIC DIAGRAM	
Common Parts						
020	90113-0377	A		1	SHUT-OFF VALVE	
030	90113-0072	A		1	PRESSURE REGULATOR	
	90113-0459	*A*		*1*	*O-RING*	
	90113-0387	*A*		*1*	*FILTER ELEMENT 40æM FOR 90113-0094*	
040	90113-0375	A		1	PRESSURE DISTRIBUTION	
050	90113-0423	A		1	HIGH SPEED VENTING VALVE	
060	90113-0374	A		1	SLOW STARTING VALVE	
070	342732-0161	-		3	ELBOW PIPE JOINT,EXT.THREAD,D=14 MM-G1/2	
075	312125-0287	-		2	SCREW PAN HEAD MCS M4X8 SS	
080	315233-0113	-		3	WASHER CAPTIVE SEALING G1/2	
085	90166-0196	-	MM	70	TUBE 14MM PA BLUE	
090	315233-0110	-		1	WASHER CAPTIVE SEALING G1/4	
095	342748-0110	-		1	T-CONNECTION 14MM	
110	90074-0025	-		2	CLIPS, CABLE CLIPS DI=8 MM	
120	90328-0007	B		1	SILENCER	
130	90330-0049	-		1	T-PIPE, INT. THREAD, R-221R1/2	
135	315105-0136	-		2	WASHER BRB4,3XRFR	
140	342700-0113	-		1	NIPPLES,HEXAGON,EXT.G-THREAD G1/2"-G1/2"	
150	342700-0205	-		1	NIPPLES,HEXAGON,EXT.G-THREAD G1/2"-G1/4"	
160	1041921-0000	-		1	HOLDER	
170	342732-0104	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
180	90287-0073	-		2	SCREW MC6S M5X70 129	
190	312105-0368	-		2	SCREW M6S M6X16 A280	
200	273458-0000	-		1	LABEL (AIR)	
210	312502-0120	-		2	DRIVE SCREW ROUND HEAD KDS 0X5	
220	90043-0107	B		1	PRESSURE GAUGE	
230	342716-0211	-		1	REDUCER 12-14	
500	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
B2201	90274-0074	A		1	PRESSURE GUARD, 530 KPA	
W2201	90042-0583	A		1	CABLE MECMAN 440-827 000-1	
Y2201	90042-0585	A		1	PILOT VALVE L=5M	

Pos	Part No	SP	UN	Qty	Description	Page No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1095716-1
ECN 111591

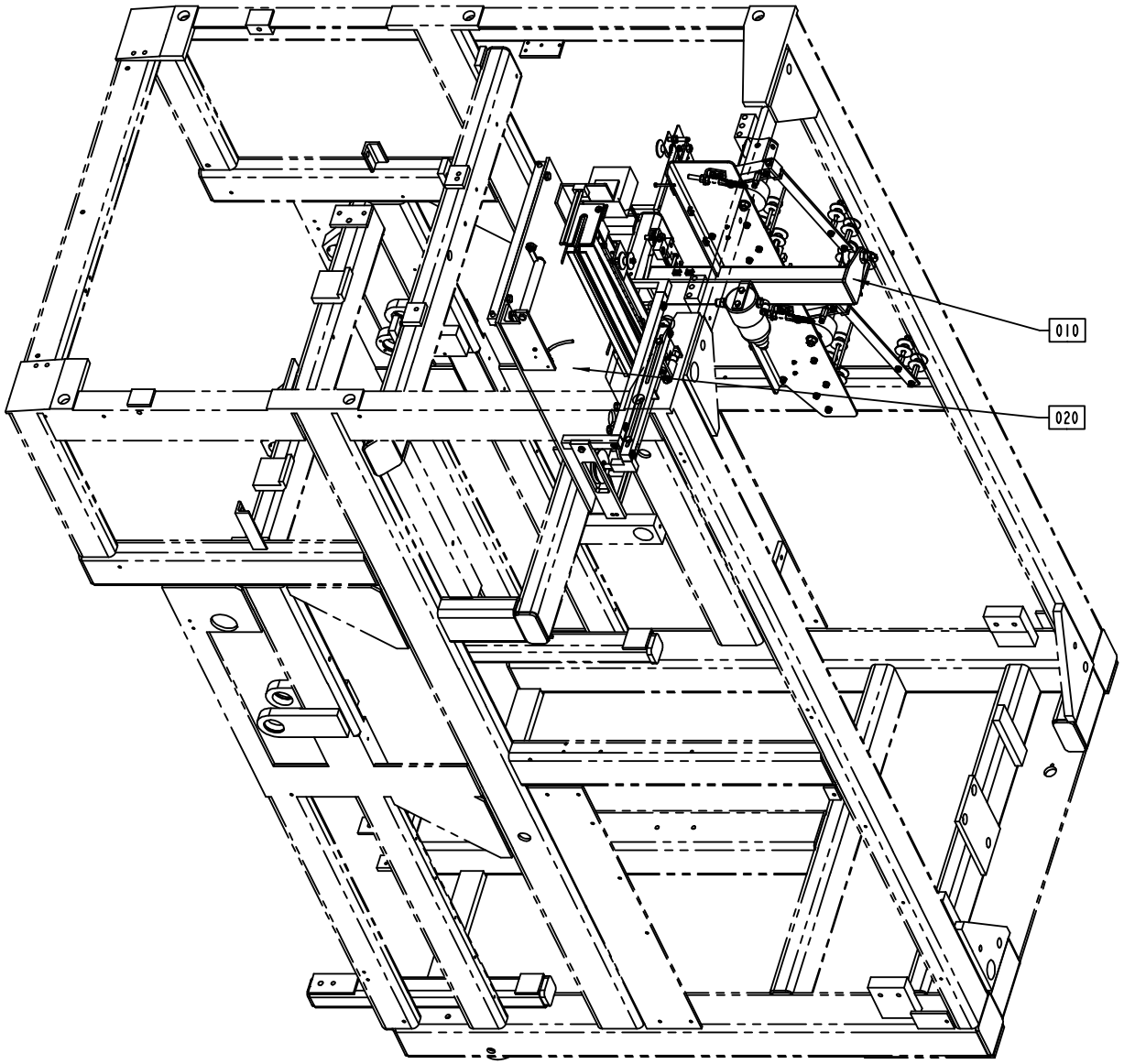
ECM: 139563 - 20030711
Group number: 1095716-0100
Assembly Drawing: 1095716-1_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
010	90166-0196	-	MM	770	TUBE 14MM PA BLUE	
040	90055-0097	-		1	STRAIGHT COUPLING	
Common Parts						
31032	90166-0013	-	MM	1400	TUBE 8 MM PA BLUE	
31034	90166-0013	-	MM	1400	TUBE 8 MM PA BLUE	
31094	90166-0013	-	MM	1400	TUBE 8 MM PA BLUE	
31112	90166-0013	-	MM	1500	TUBE 8 MM PA BLUE	
31114	90166-0013	-	MM	1500	TUBE 8 MM PA BLUE	
31122	90166-0013	-	MM	1500	TUBE 8 MM PA BLUE	
31124	90166-0013	-	MM	1500	TUBE 8 MM PA BLUE	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC
Spare Parts Catalogue

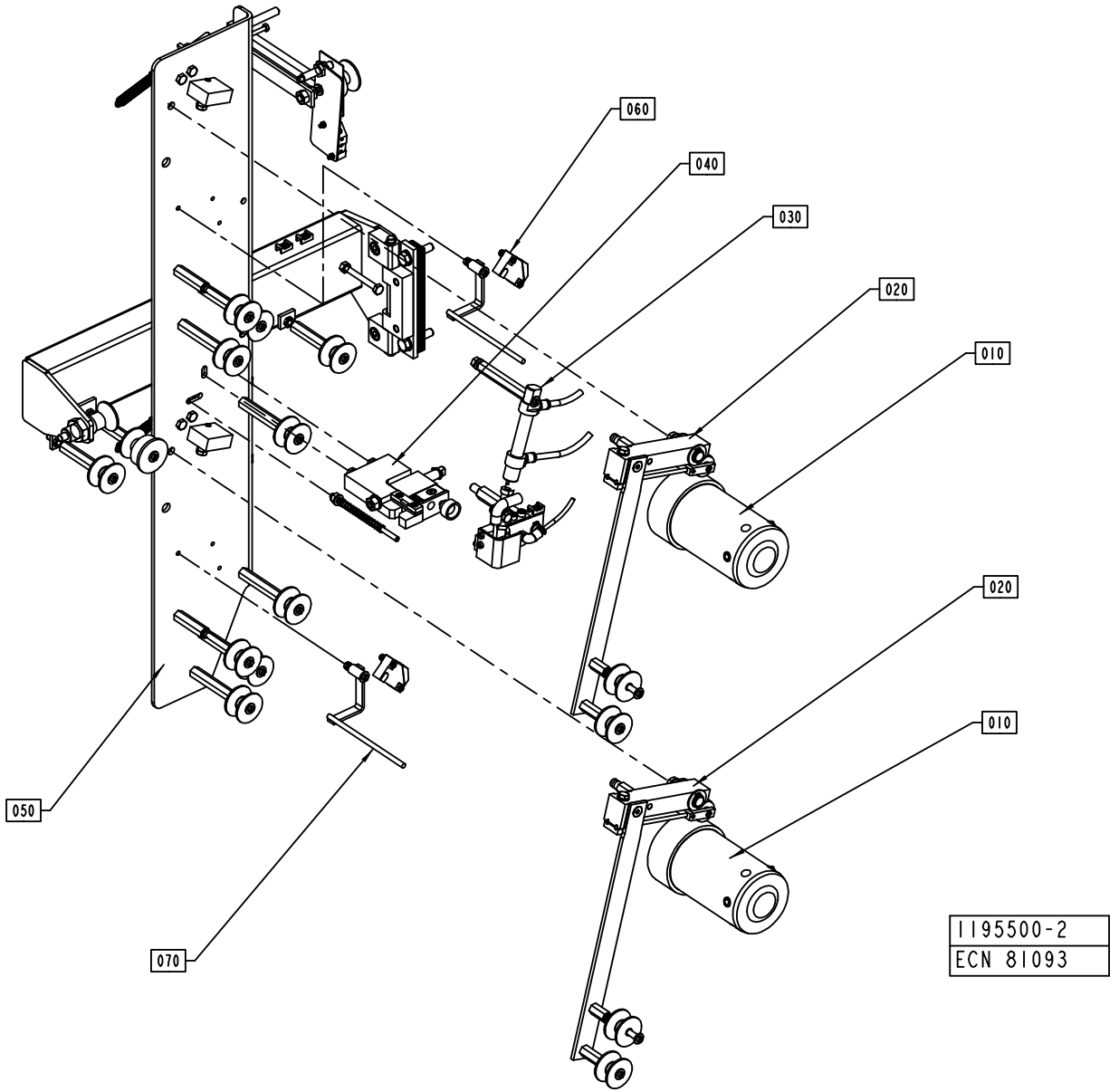


S-648507-3
ECN 71873

ECM: 71873 - 19990201
Group number: 648507-0400
Assembly Drawing: 648507-3_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1195500-0200	-		1	STRIP MAGAZINE	**841**
020	1195505-0200	-		1	STRIP APPLICATOR	**859**

Pos	Part No	SP	UN	Qty	Description	Page No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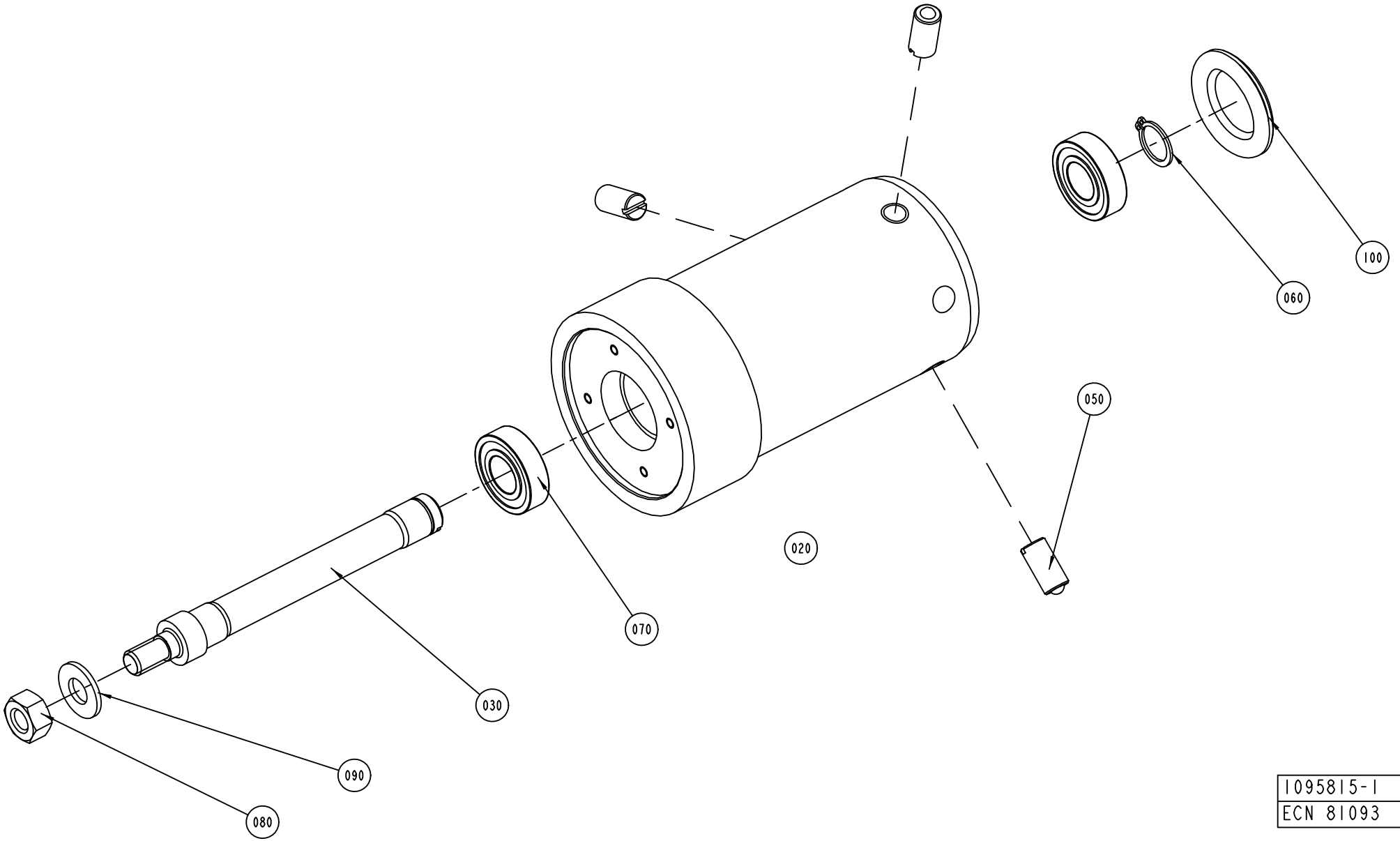
1195500-2
ECN 81093

ECM: 81226 - 20000921
Group number: 1195500-0200
Assembly Drawing: 1195500-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095815-0100	-		2	HUB	**843**
020	1095816-0100	-		2	BRAKE ARM	**845**
030	1490806-0100	-		1	HEATING DEVICE	**847**
040	1347260-0100	-		1	CUTTING TABLE	**849**
050	1195501-0200	-		1	MOUNTING SHEET	**851**
060	1195502-0200	-		1	ROCKER ARM	**855**
070	1195503-0200	-		1	ROCKER ARM	**857**

Pos	Part No	SP	UN	Qty	Description	Page No



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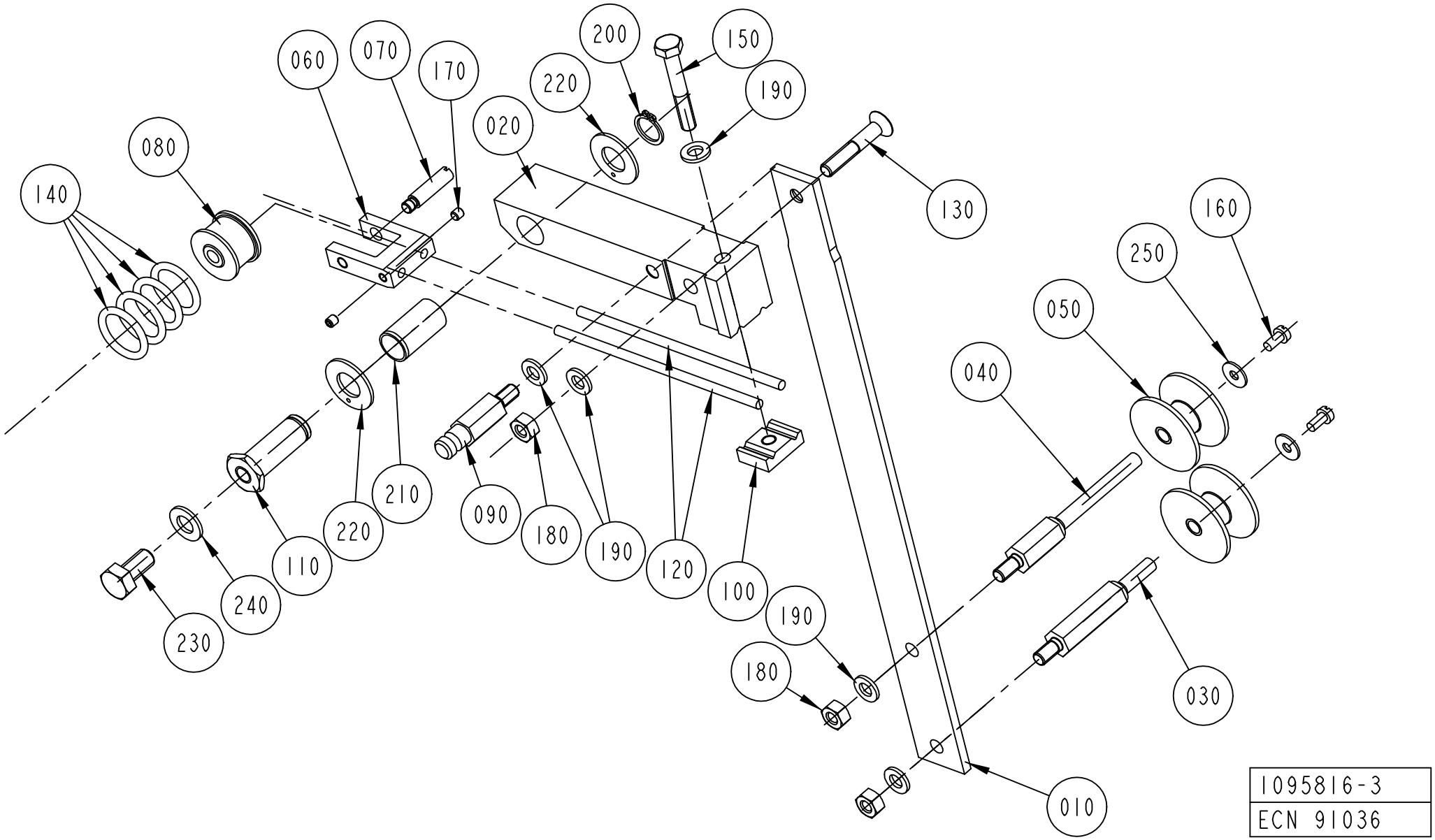
ECN 81093

ECM: 89464 - 20010201
Group number: 1095815-0100
Assembly Drawing: 1095815-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	541751-0000	-		1	CONICAL BOBBIN	
020	1484724-0000	A		1	HUB	
030	537327-0000	A		1	SHAFT	
040	90157-0016	-		1	LOCKING FLUID	
050	90287-0106	B		3	SCREW SPRINGLOAD. SLOTTED HEAD M10X21	
060	315751-0112	-		1	RETAIN. RING, 15	
070	90214-0207	A		2	BALL BEARING, 15X32X9 MM	
080	312605-0320	-		1	HEXAGON NUT, M6M M10 A280	
090	315105-0173	-		1	WASHER BRB10,5X22RFR	
100	90261-0049	-		1	PLUG, BLIND, PLASTIC, NO. SR1750	

Pos	Part No	SP	UN	Qty	Description	Page No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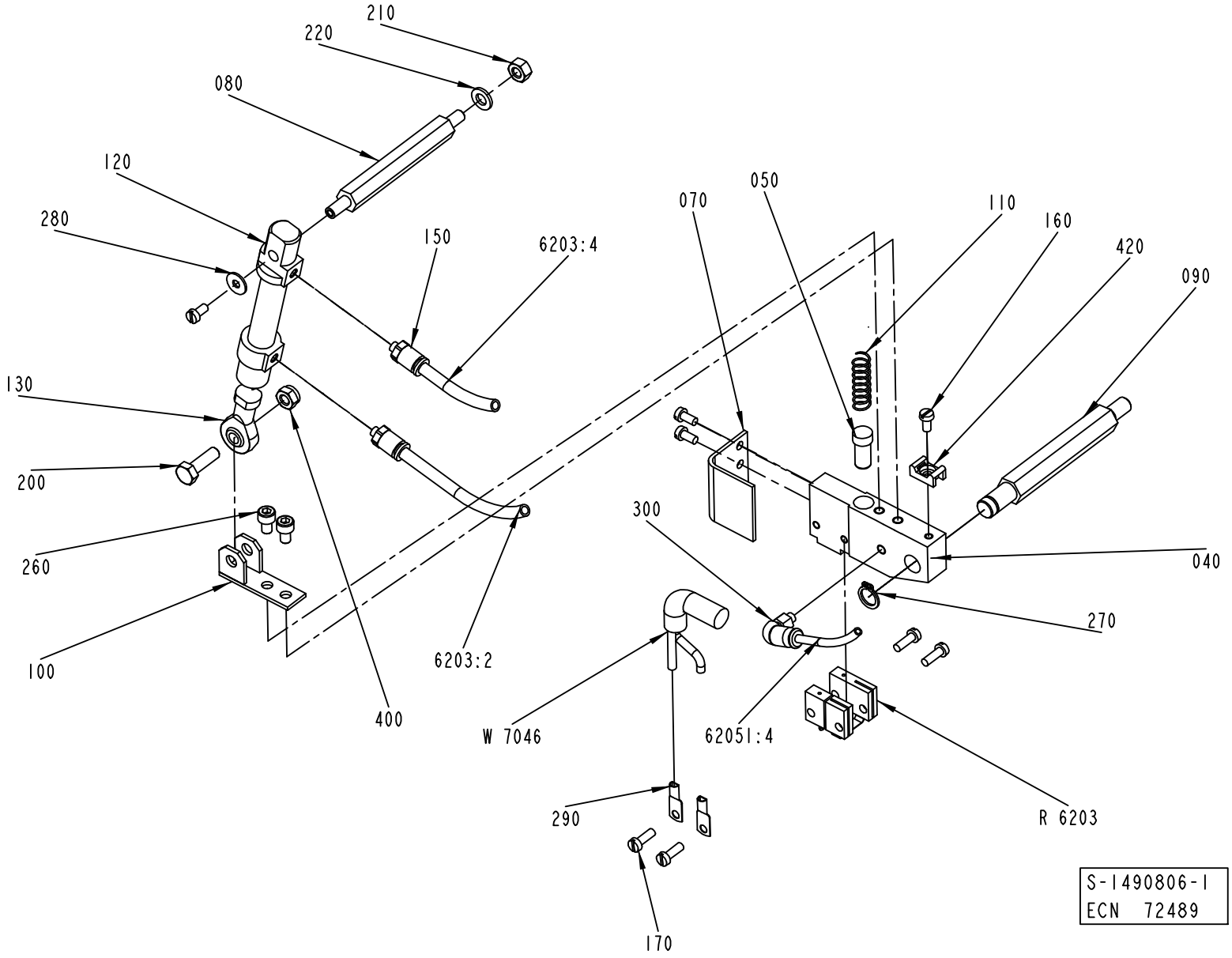
1095816-3
ECN 91036

ECM: 92249 - 20011220
Group number: 1095816-0100
Assembly Drawing: 1095816-3_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036124-0000	-		1	ARM	
020	541057-0000	-		1	ARM	
030	536917-0000	A		1	AXLE PIN	
040	544726-0000	A		1	AXLE PIN	
050	544730-0000	A		2	ROLL	
	321120-0101	*-*		*2*	*BEARING BUSHING W/O FLANGE,6/8X6*	
060	541064-0000	A		1	FORK	
070	541065-0000	A		1	SHAFT	
080	541066-0000	A		1	ROLL	
090	541067-0000	A		1	SPRING BRACKET	
100	541069-0000	-		1	SPRING BRACKET	
110	541070-0000	A		1	SHAFT	
120	543820-0000	B		2	SPRING	
130	312155-0376	-		1	SCREW EN 10642 MF6S M6X35 A480	
140	90242-0148	A		4	O-RING 19,2X3 MM	
150	312105-0378	-		1	SCREW M6S ISO 4014 M6X40 A480	
160	312125-0287	-		2	SCREW PAN HEAD MCS M4X8 SS	
170	312318-0283	-		2	SCREW ISO4029 M4X4 A4	
180	312605-0316	-		3	HEXAGON NUT, M6M M6 A280	
190	315105-0153	-		5	WASHER BRB6,4X12RFR	
200	315751-0109	-		1	RETAIN. RING, 12	
210	321120-0113	A		1	BEARING BUSHING W/O FLANGE,12/14X25	
220	321129-0104	-		2	THRUST WASHER, 12/24X1,5	
230	312105-0449	-		1	SCREW M6S ISO 4017 M8X16 A480	
240	315105-0165	-		1	WASHER BRB8,4X16RFR	
250	90005-0082	-		2	WASHER PLAIN ROUND 4,3(M4)/12,H=1	

Pos	Part No	SP	UN	Qty	Description	Page No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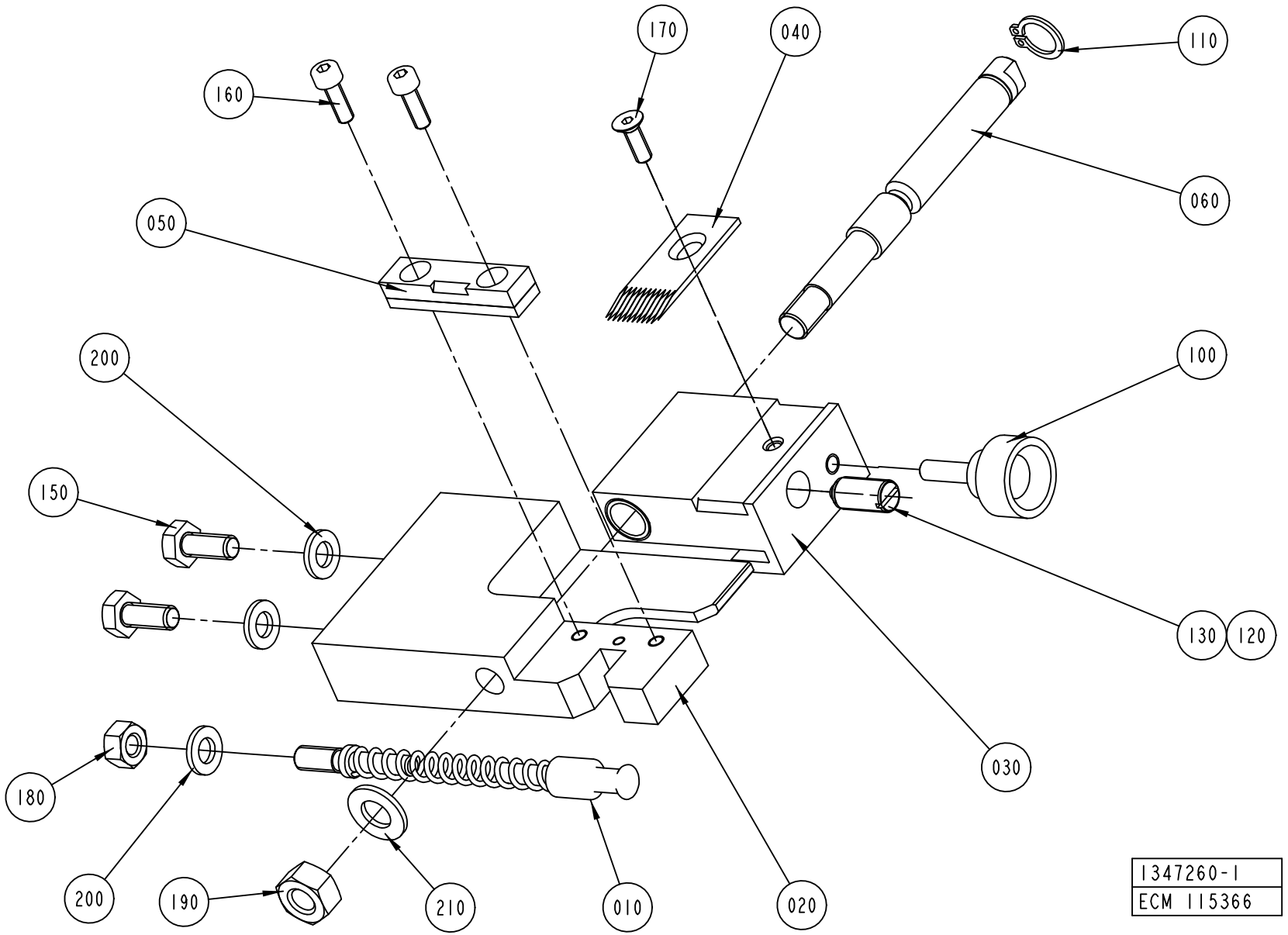
S-1490806-I
ECN 72489

ECM: 114167 - 20020930
Group number: 1490806-0100
Assembly Drawing: 1490806-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
R6203	1498047-0000	A		1	SEALING BLOCK	
Common Parts						
040	1490804-0000	A		1	HOLDER	
050	400833-0000	A		1	PLUNGER	
070	1349181-0000	B		1	TOUCH GUARD	
080	1037121-0000	A		1	SHAFT	
090	1037120-0000	A		1	SHAFT	
100	1037124-0000	B		1	HOLDER	
110	400828-0000	A		1	SPRING	
120	90450-0306	A		1	DOUBLE ACTING, MINI-ISO, CYL. 12-25	
130	90239-0491	A		1	ROD END,BALL JOINT EYE,MINI-ISO M6	
150	342722-0197	-		2	STRAIGHT COUPLING	
160	312125-0287	-		4	SCREW PAN HEAD MCS M4X8 SS	
170	312125-0291	-		4	SCREW PAN HEAD MCS M4X12 SS	
200	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
210	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
220	315105-0153	-		1	WASHER BRB6,4X12RFR	
260	312115-0323	-		2	SCREW ISO4762 M5X8 A4	
270	90141-0016	-		1	RETAIN. RING, 10	
280	90005-0082	-		1	WASHER PLAIN ROUND 4,3(M4)/12,H=1	
290	353104-0140	-		2	CABLE SHOEYAV 06 M 4*	
300	342732-0099	-		1	ELBOW PIPE JOINT, EXT.THREAD, D=4MM-M5	
400	312812-0316	-		1	HEXAGON NUT, NY-LOCK M6 A480	
420	352113-0205	-		1	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
6203:2	90166-0193	-	MM	4800	TUBE 6 MM PUR BLUE	
6203:4	90166-0193	-	MM	4800	TUBE 6 MM PUR BLUE	
62051:4	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
W7046	351120-0126	-	MM	2800	CABLE SIHF 2X4MM2 GREEN/YELLOW	

Pos	Part No	SP	UN	Qty	Description	Page No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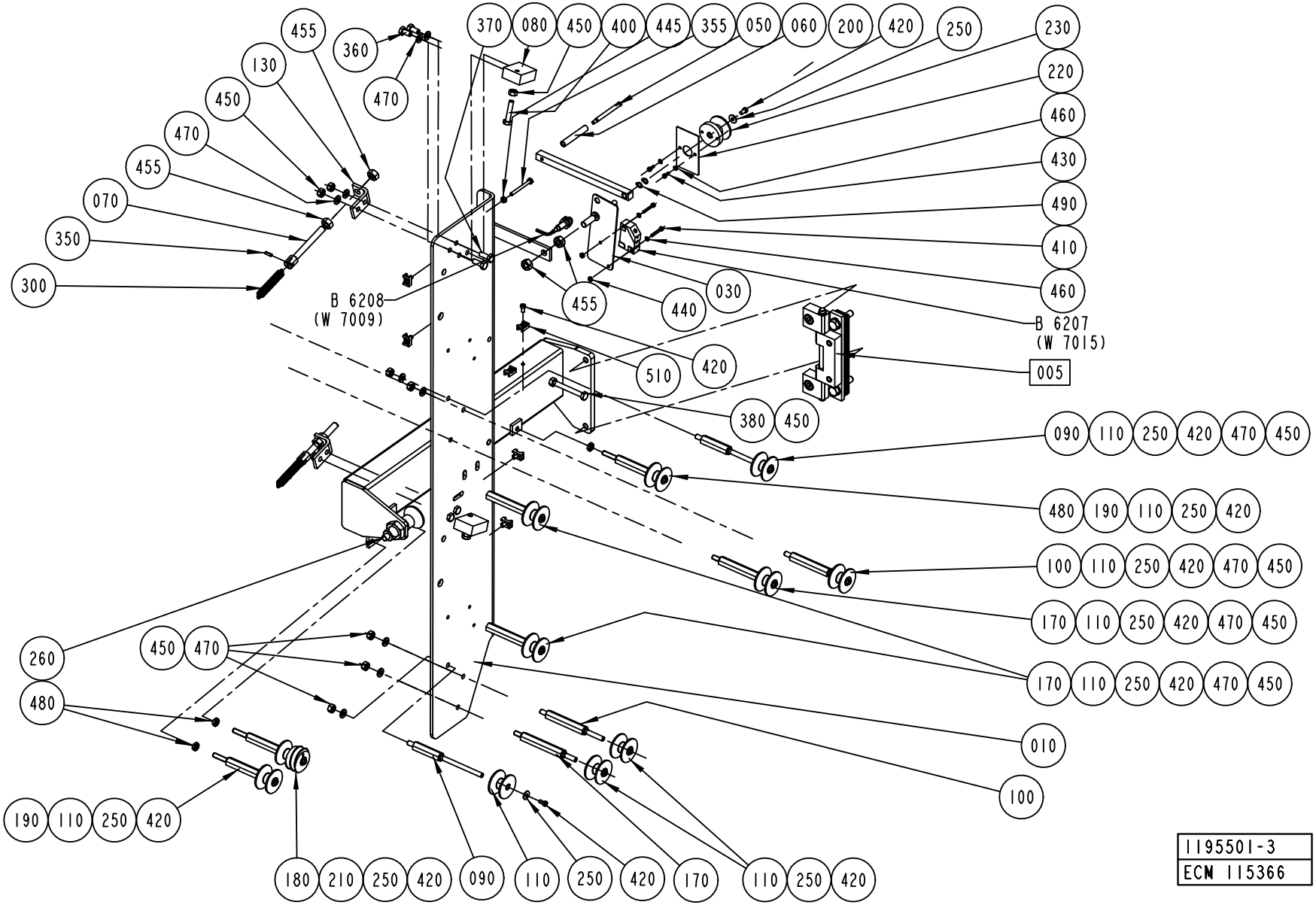
1347260-1
ECM 115366

ECM: 115685 - 20030209
Group number: 1347260-0100
Assembly Drawing: 1347260-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2545074-0000	A		1	FINGER	
020	1349926-0000	A		1	SPLICING TABLE	
030	1349927-0000	A		1	SLIDE	
010	*321120-0104*	*C*		*2*	*BEARBUSHING W/O FL,ANGE 10/12X10*	
040	1347258-0000	A		1	KNIFE	
050	1349014-0000	A		1	PAD	
060	1349928-0000	A		1	SHAFT	
100	90051-0035	B		1	KNOB, EXTERNAL THREAD. NO. 8308-1135	
110	90141-0016	-		1	RETAIN. RING, 10	
120	90157-0016	-		1	LOCKING FLUID	
130	90287-0112	A		1	SCREW SPRINGLOAD. SLOTTED HEAD M8X16	
150	312105-0367	-		2	SCREW M6S M6X14 A280	
160	312115-0291	-		2	SCREW ISO4762 M4X12 A4	
170	312155-0291	-		1	SCREW EN 10642 MF6S M4X12 A480	
180	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
190	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
200	315105-0153	-		3	WASHER BRB6,4X12RFR	
210	315105-0165	-		1	WASHER BRB8,4X16RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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B 6207
(W 7015)
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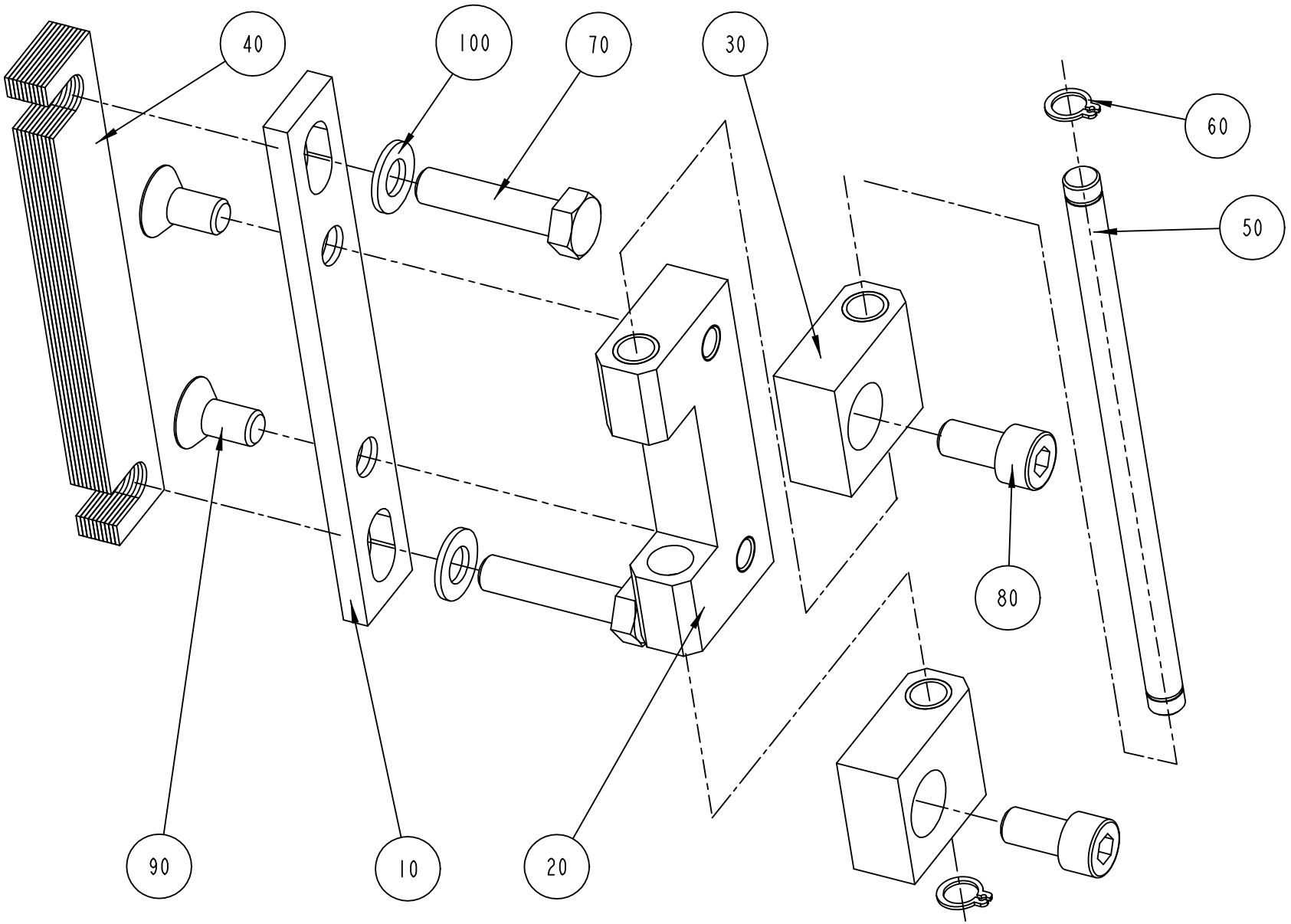
1195501-3
ECN 115366

ECM: 119925 - 20030209
Group number: 1195501-0200
Assembly Drawing: 1195501-3_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
080	541173-0000	-		2	STOP	
300	90335-0063	A		2	TENSION SPRING 41970, 1,4X10X47,9	
400	312109-0374	-		2	SCREW M6S ISO 4017 M6X30 A480	
450	312605-0316	-		14	HEXAGON NUT, M6M M6 A280	
Common Parts						
005	1346640-0100	-		1	HINGE	**853**
010	1347261-0000	-		1	MOUNTING PLATE	
030	1347885-0000	A		1	AXLE PIN	
050	1347882-0000	A		1	SHAFT	
060	1347883-0000	A		1	ROLLER	
070	541068-0000	-		2	SPRING HOLDER	
090	544725-0000	A		2	AXLE PIN	
100	544727-0000	A		2	AXLE PIN	
110	544730-0000	A		10	ROLL	
	321120-0101	*-*		*2*	*BEARING BUSHING W/O FLANGE,6/8X6*	
130	1037284-0000	-		2	HOLDER	
170	1195488-0000	A		4	AXLE PIN	
180	1349178-0000	A		1	AXLE PIN	
190	1349177-0000	A		2	AXLE PIN	
200	1347737-0000	A		1	ARM	
210	2530054-0000	A		1	ROLLER	
220	1349581-0000	-		1	FLAG	
230	1349986-0000	A		1	ROLLER	
010	*321120-0101*	*C*		*2*	*BEARING BUSHING W/O FLANGE,6/8X6*	
250	90005-0082	-		12	WASHER PLAIN ROUND 4,3(M4)/12,H=1	
260	90051-0088	B		1	ADJUSTMENT SCREW	
350	311112-0205	-		2	SPRING PIN, ISO 8752 3X10-C	
355	312105-0303	-		1	SCREW M6S ISO 4017 M4X40 A480	
380	312105-0383	-		1	SCREW M6S ISO 4014 M6X65 A480	
410	312125-0230	-		2	SLOTTED SCREW MCS M3X20 SS	
420	312125-0287	-		18	SCREW PAN HEAD MCS M4X8 SS	
430	312125-0222	-		2	SLOTTED SCREW MCS M3X8 SS	
440	312605-0310	-		2	HEXAGON NUT, M6M M3 A280	
445	312605-0312	-		1	HEXAGON NUT, M6M M4 A280	
455	312605-0318	-		6	HEXAGON NUT, M6M M8 A280	
460	315105-0124	-		4	WASHER BRB3,2X6RFR	
470	315105-0153	-		14	WASHER BRB6,4X12RFR	
480	312625-0316	-		3	HEXAGON THIN NUT, EN 24035 ML6M M6 A4	
490	315751-0103	-		2	RETAIN. RING, 6	
510	352113-0205	-		6	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	

Pos	Part No	SP	UN	Qty	Description	Page No
B 6207	90044-0104	A		1	PROX.SWITCH IFM IN 3002	
B 6208	90458-0138	-		1	PROX.SW. E2EG-X1R5B1-5M	

Machine Type | Group Description | Used-In | Group Number | Page No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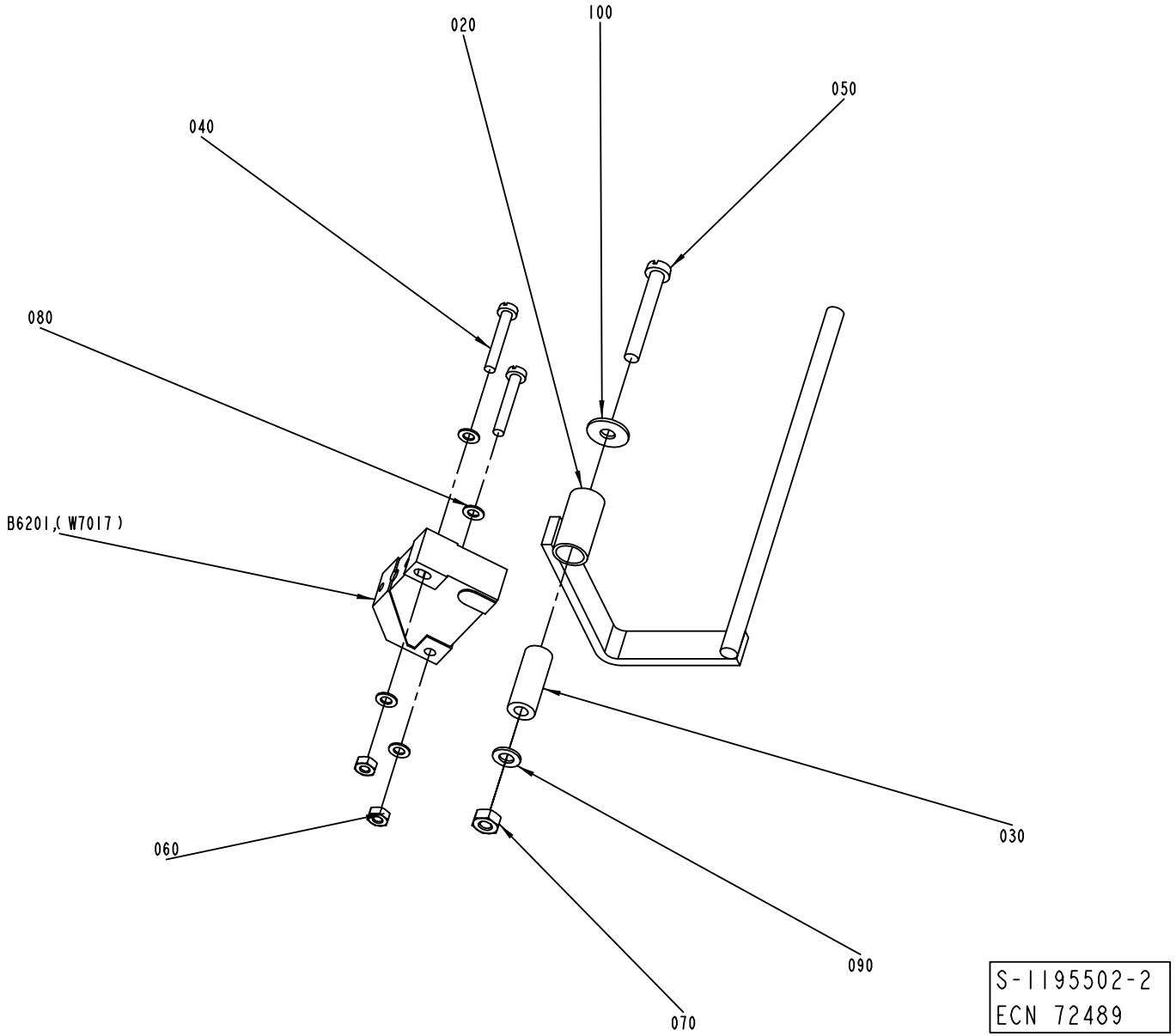
ECM: 89469 - 20010201
Group number: 1346640-0100
Assembly Drawing: 1346640-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1334187-0000	-		1	PLATE	
020	1334189-0000	B		1	BLOCK	
030	1334190-0000	B		2	BLOCK	
040	1334191-0000	-		10	SHIM	
050	1334188-0000	B		1	AXLE PIN	
060	90141-0015	-		2	RETAIN. RING, 8	
070	312109-0457	-		2	SCREW M6S ISO 4017 M8X35 A480	
080	312115-0449	-		2	SCREW ISO4762 M8X16 A4	
090	312155-0449	-		2	SCREW EN 10642 MF6S M8X16 A480	
100	315105-0165	-		2	WASHER BRB8,4X16RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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080
B6201,(W7017)
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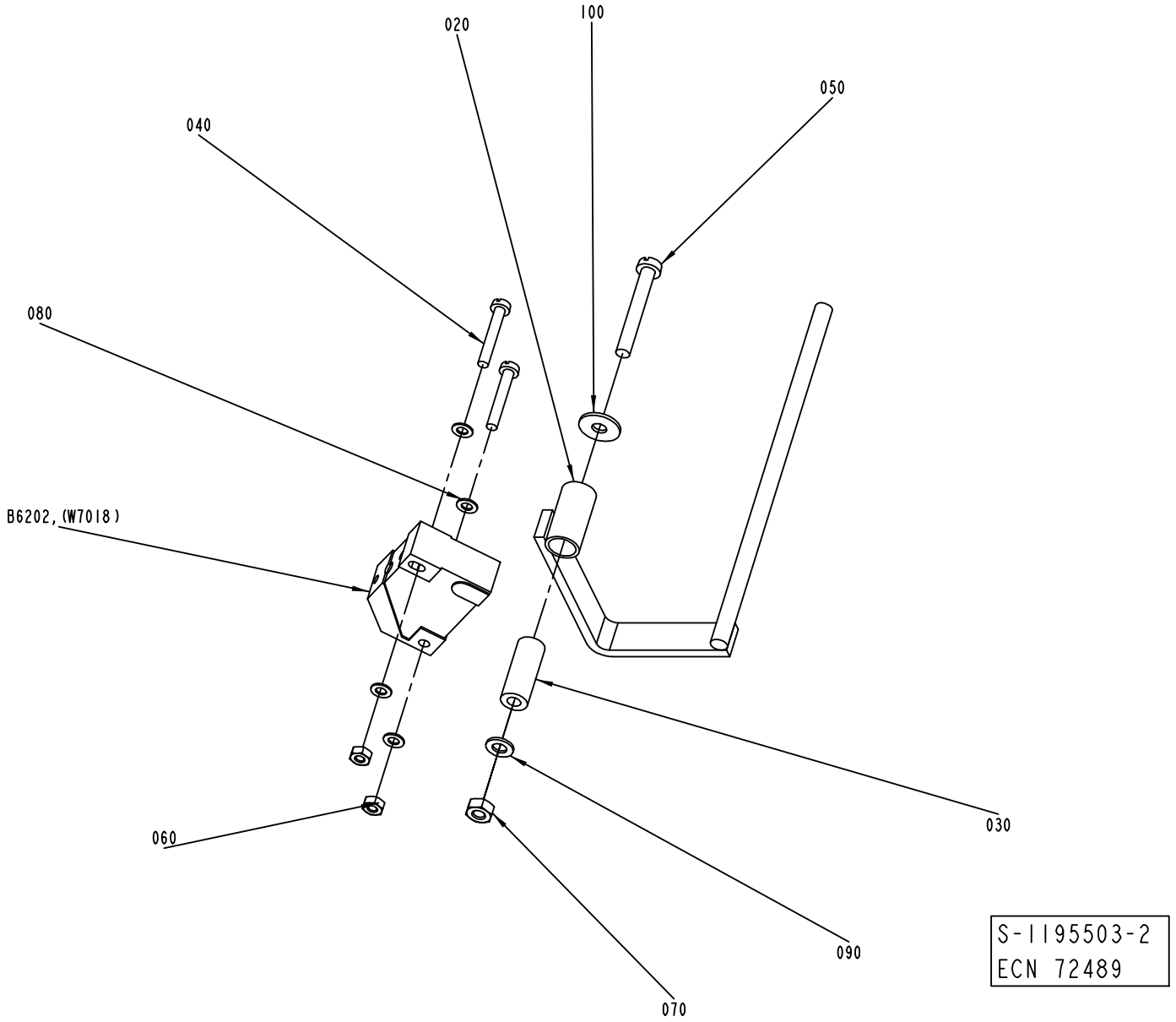
S-1195502-2
ECN 72489

ECM: 101522 - 20011220
Group number: 1195502-0200
Assembly Drawing: 1195502-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1490187-0000	A		1	ROCKER ARM	
030	1490185-0000	A		1	SPACER	
040	312125-0230	-		2	SLOTTED SCREW MCS M3X20 SS	
050	312125-0303	-		1	SCREW PAN HEAD MCS M4X40 SS	
060	312605-0310	-		2	HEXAGON NUT, M6M M3 A280	
070	312812-0312	-		1	HEXAGON NUT, NY-LOCK M4 A480	
080	315105-0124	-		4	WASHER BRB3,2X6RFR	
090	315105-0136	-		1	WASHER BRB4,3XRFR	
100	90005-0082	-		1	WASHER PLAIN ROUND 4,3(M4)/12,H=1	
B6201	90044-0104	A		1	PROX.SWITCH IFM IN 3002	

Pos	Part No	SP	UN	Qty	Description	Page No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080
B6202, (W7018)
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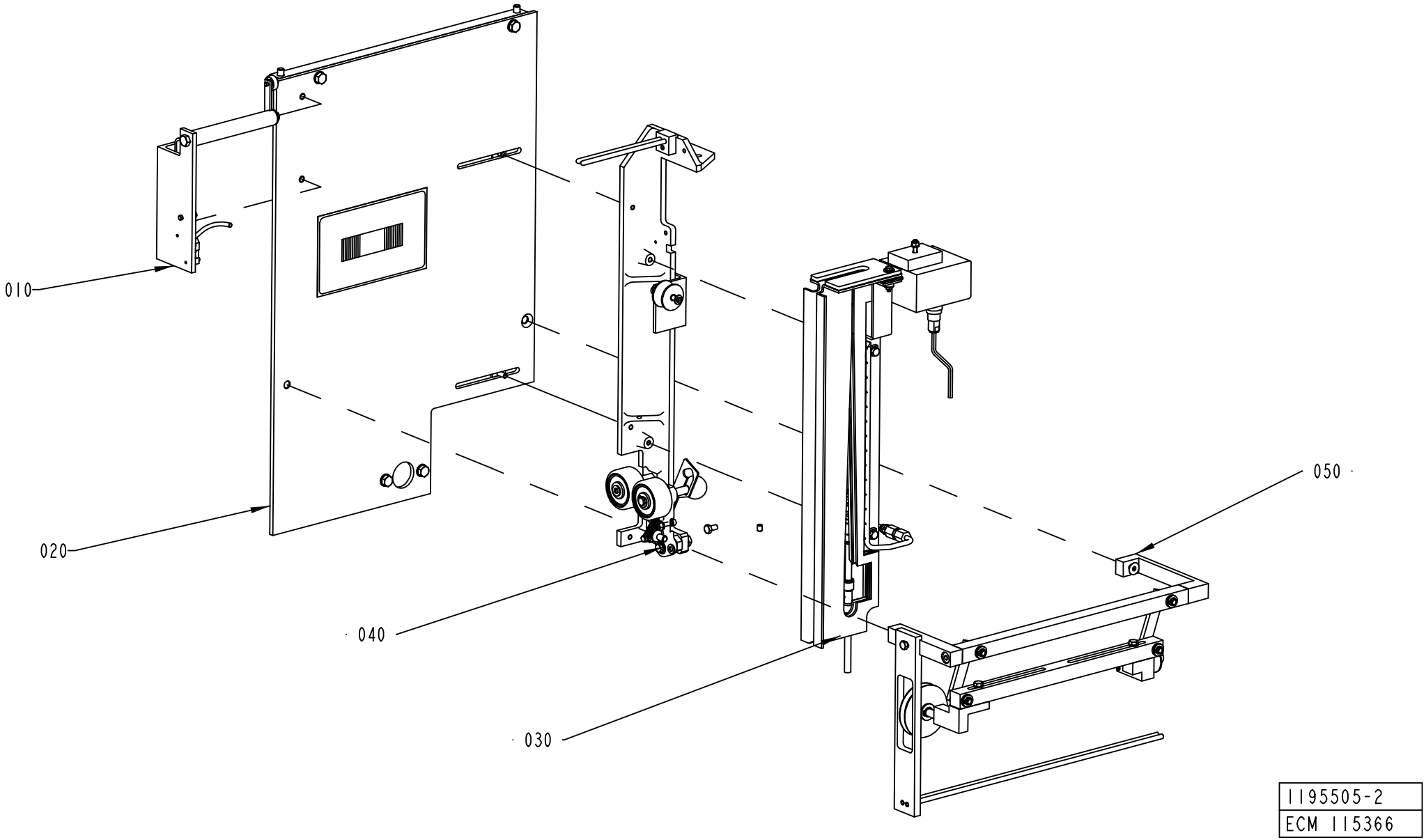
S-1195503-2
ECN 72489

ECM: 101523 - 20011220
Group number: 1195503-0200
Assembly Drawing: 1195503-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1490187-0000	A		1	ROCKER ARM	
030	1490185-0000	A		1	SPACER	
040	312125-0230	-		2	SLOTTED SCREW MCS M3X20 SS	
050	312125-0303	-		1	SCREW PAN HEAD MCS M4X40 SS	
060	312605-0310	-		2	HEXAGON NUT, M6M M3 A280	
070	312812-0312	-		1	HEXAGON NUT, NY-LOCK M4 A480	
080	315105-0124	-		4	WASHER BRB3,2X6RFR	
090	315105-0136	-		1	WASHER BRB4,3XRFR	
100	90005-0082	-		1	WASHER PLAIN ROUND 4,3(M4)/12,H=1	
B 6202	90044-0104	A		1	PROX.SWITCH IFM IN 3002	

Pos	Part No	SP	UN	Qty	Description	Page No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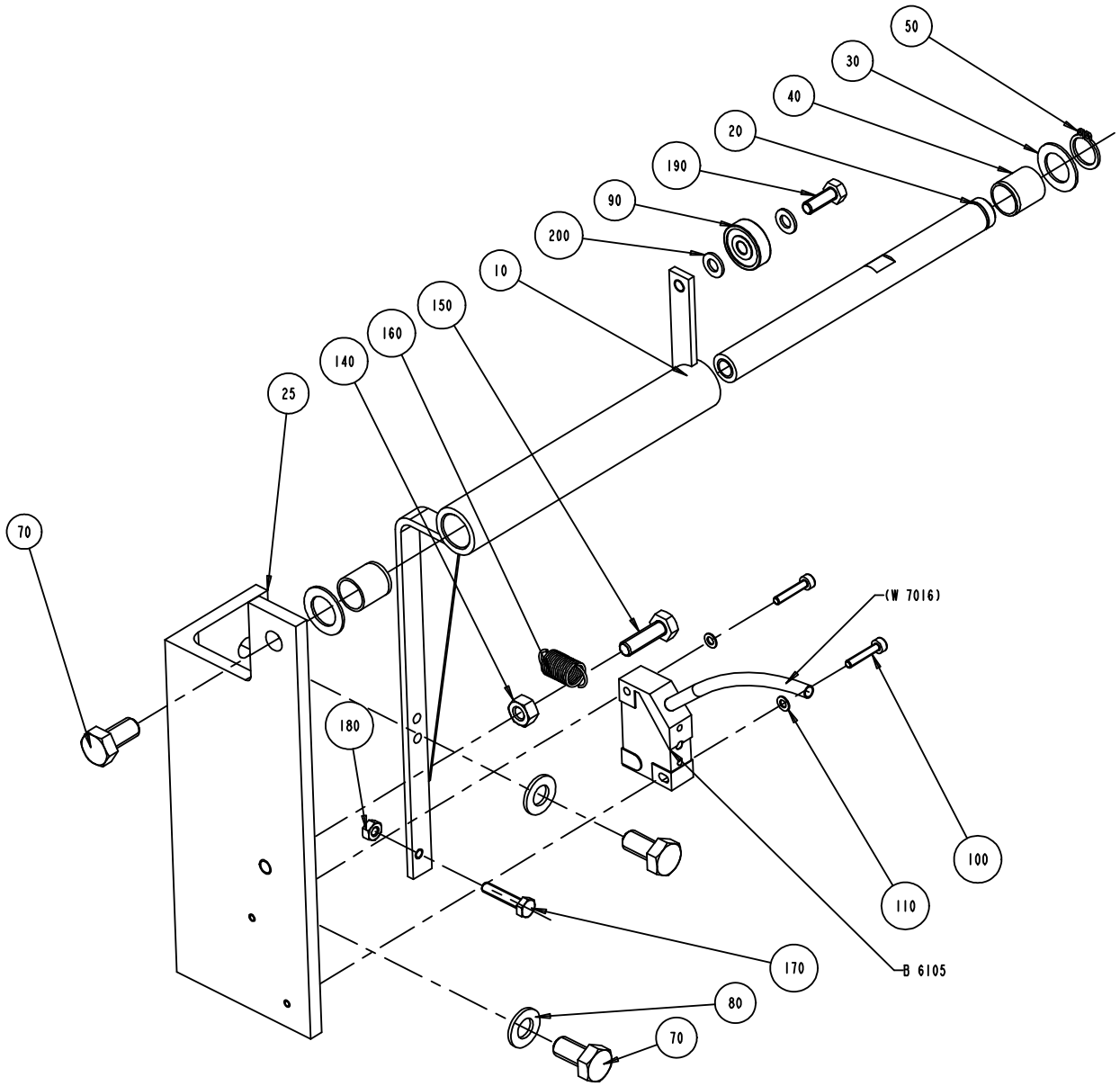
1195505-2
ECM 115366

ECM: 115552 - 20030209
Group number: 1195505-0200
Assembly Drawing: 1195505-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
010	1095798-0100	-		1	SPLICE DETECTOR	**861**
030	1195506-0200	-		1	INDUCTOR	**863**
040	1255305-0300	-		1	PRESSURE ROLLER	**865**
Common Parts						
020	1195504-0100	-		1	BOTTOM PANEL	**867**
050	1334220-0200	-		1	STRIP GUIDE	**869**

Pos	Part No	SP	UN	Qty	Description	Page No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(W 7016)
180
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170
B 6105
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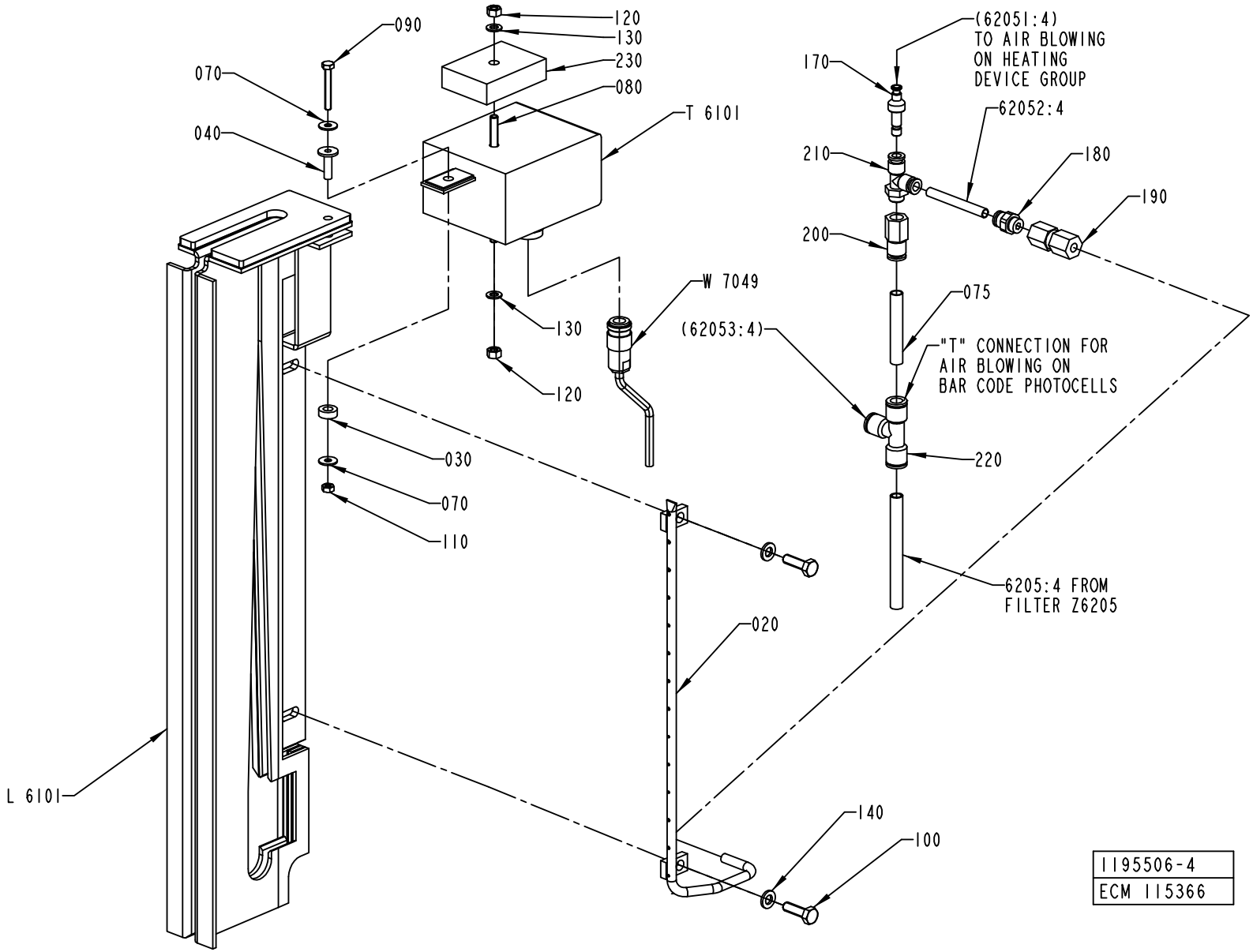
ECM: 89473 - 20010201
Group number: 1095798-0100
Assembly Drawing: 1095798-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1035898-0000	-		1	BRACKET	
020	1035897-0000	-		1	SHAFT	
025	1036186-0000	-		1	HOLDER	
030	266737-0000	-		2	WASHER	
040	321120-0111	A		2	BEARING BUSHING W/O FLANGE,12/14X15	
050	315751-0109	-		1	RETAIN. RING, 12	
070	312105-0449	-		3	SCREW M6S ISO 4017 M8X16 A480	
080	315105-0165	-		2	WASHER BRB8,4X16RFR	
090	90214-0138	A		1	BALL BEARING, 5X19X6 MM	
100	312115-0228	-		2	SCREW ISO4762 M3X16 A4	
110	315105-0124	-		2	WASHER BRB3,2X6RFR	
140	312605-0316	-		1	HEXAGON NUT, M6M M6 A280	
150	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
160	90335-0089	A		1	TENSION SPRING 41490, 0,9X10X23	
170	312105-0295	-		1	SCREW M6S ISO4017 M4X20 A480	
180	312605-0312	-		1	HEXAGON NUT, M6M M4 A280	
190	312105-0328	-		1	SCREW M6S ISO 4017 M5X14 A480	
200	315105-0146	-		2	WASHER BRB5,3X10RFR	
B 6105	90044-0104	A		1	PROX.SWITCH IFM IN 3002	

Pos	Part No	SP	UN	Qty	Description	Page No

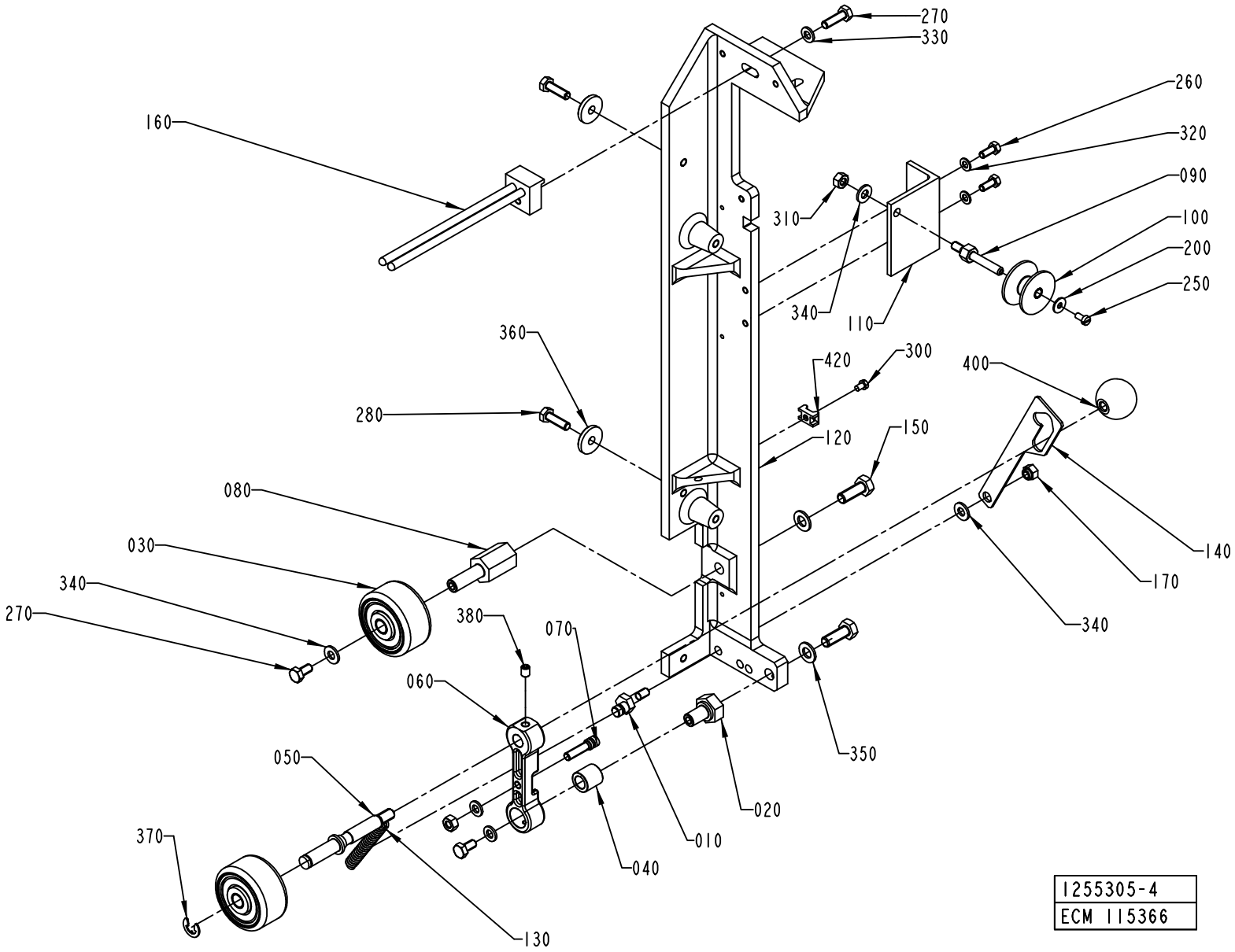


1195506-4
ECM 115366

ECM: 115421 - 20030209
Group number: 1195506-0200
Assembly Drawing: 1195506-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S, TPA 1000SQ						
T 6101	67380-0203	A		1	TRANSFORMER	
TBA 0500S, TBA 0200B, TBA 0200S, TBA 0250B, TPA 0250SQ, TPA 0330SQ						
T 6101	67380-0101	A		1	TRANSFORMER	
Common Parts						
020	1255308-0000	B		1	FAN NOZLE	
030	1260680-0000	A		1	WASHER	
040	1478304-0000	A		1	SPACER BUSHING	
070	90005-0082	-		2	WASHER PLAIN ROUND 4,3(M4)/12,H=1	
075	90166-0194	-	MM	50	TUBE 8 MM PUR BLUE	
080	2564564-0000	-		1	THREADED ROD	
090	312105-0299	-		1	SCREW M6S ISO 4017 M4X30 A480	
100	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
110	312605-0312	-		1	HEXAGON NUT, M6M M4 A280	
120	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
130	315105-0146	-		2	WASHER BRB5,3X10RFR	
140	315105-0153	-		2	WASHER BRB6,4X12RFR	
170	342716-0202	-		1	REDUCER 4-6	
180	342722-0202	-		1	PIPE COUPLING 1/8" D=6MM	
190	342725-0102	-		1	CONN. STR. PIPE GI-6-G1/8	
200	342770-0107	-		1	STRAIGHT COUPLING INT, D=8 MM - G1/8	
210	342772-0113	-		1	ELBOW FITTING, 6 - G1/8	
220	342748-0103	-		1	T-CONNECTION 8MM	
230	2564563-0000	-		1	SPACER	
6205:4	90166-0194	-	MM	800	TUBE 8 MM PUR BLUE	
62052:4	90166-0193	-	MM	250	TUBE 6 MM PUR BLUE	
L 6101	1103749-0000	A		1	INDUCTOR	
W 7049	1036962-0000	A		1	CABLE	

Pos	Part No	SP	UN	Qty	Description	Page No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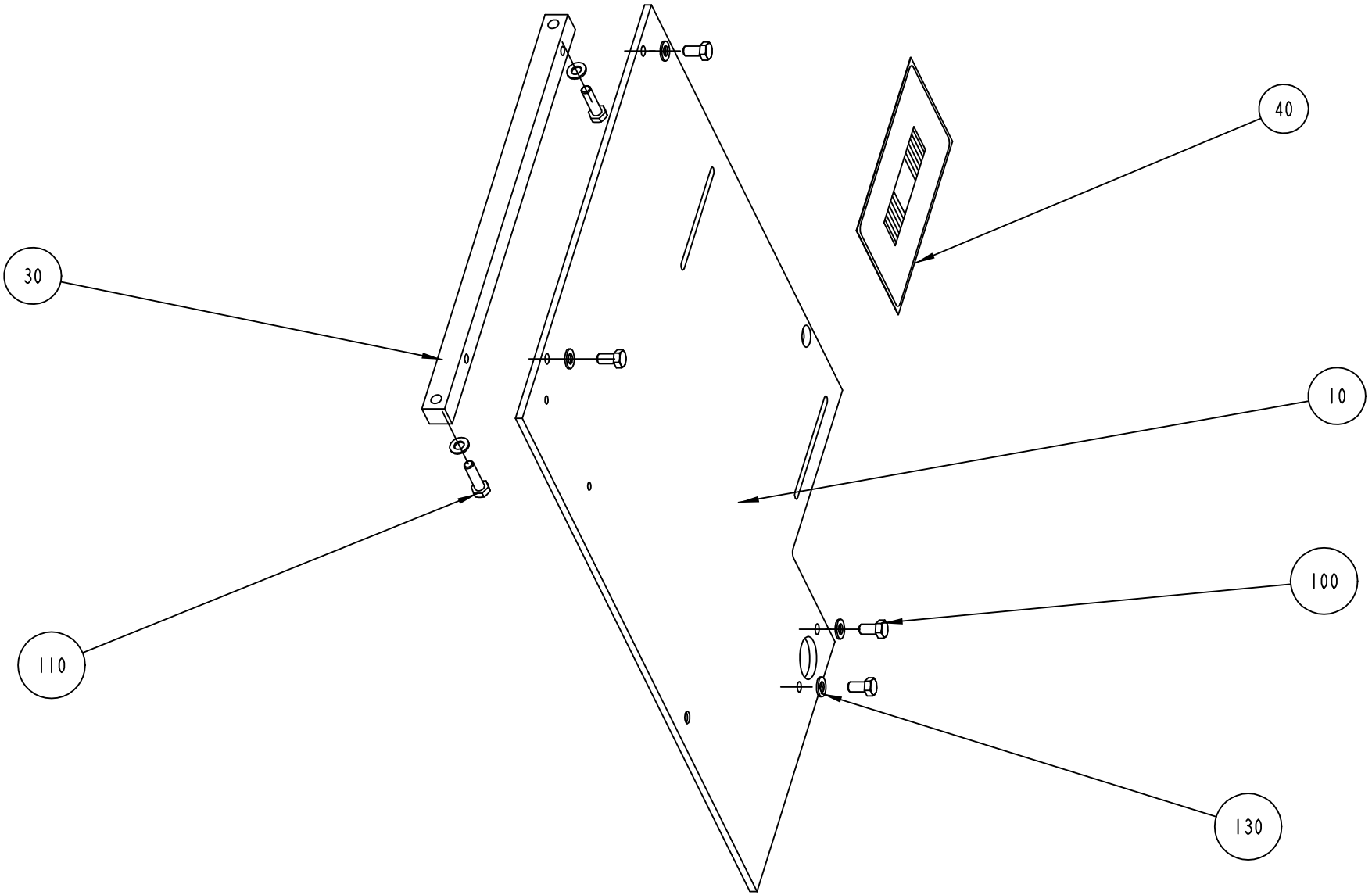
1255305-4
ECM 115366

ECM: 115367 - 20030209
Group number: 1255305-0300
Assembly Drawing: 1255305-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2510363-0000	A		1	SHAFT	
020	2510360-0000	A		1	SHAFT	
030	1346988-0000	A		2	ROLL	
010	*90166-0056*	*-*	*MM*	*40*	*SHRINKABLE HOSE*	
020	*321120-0104*	*-*		*2*	*BEARBUSHING W/O FL,ANGE 10/12X10*	
040	321105-0164	-		1	BEAR. BUSH. WITHOUT FL, 10X16X16 MM	
050	2510364-0000	A		1	SHAFT	
060	2510361-0000	A		1	CONNECTING ROD	
070	2510362-0000	A		1	SHAFT	
080	1035895-0000	A		1	SHAFT	
090	1478607-0000	A		1	SHAFT	
100	544730-0000	A		1	ROLL	
	321120-0101	*-*		*2*	*BEARING BUSHING W/O FLANGE,6/8X6*	
110	1350777-0000	-		1	BRACKET	
120	2510359-0000	-		1	FASTENING BRACKET	
130	1478303-0000	A		1	TENSION SPRING	
140	1349432-0000	B		1	CATCH	
150	312105-0452	-		2	SCREW M6S ISO 4017 M8X22 A480	
160	1349672-0000	B		1	GUIDE	
170	1349994-0000	-		1	NUT	
200	90005-0082	-		1	WASHER PLAIN ROUND 4,3(M4)/12,H=1	
250	312125-0287	-		1	SCREW PAN HEAD MCS M4X8 SS	
260	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
270	312105-0366	-		2	SCREW M6S M6X12 A280	
280	312105-0370	-		3	SCREW M6S ISO 4017 M6X20 A480	
300	312125-0285	-		1	SCREW SLOT.PAN HD. MCS 4X6 A480	
310	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
320	315105-0146	-		2	WASHER BRB5,3X10RFR	
330	315105-0153	-		3	WASHER BRB6,4X12RFR	
340	315105-0156	-		3	WASHER BRB 6.7X14 RFR	
350	315105-0165	-		2	WASHER BRB8,4X16RFR	
360	315125-0153	-		2	WASHER TBRSB 6,4X22X4 A4	
370	315755-0801	-		1	LOCKING WASHER 8	
380	312318-0362	-		1	SCREW ISO4029 M6X8 A4	
400	318800-0104	B		1	HANDLE,SPHERICAL KNOB,INT.THRE.,D.30-M8	
420	352113-0205	-		1	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	

Pos	Part No	SP	UN	Qty	Description	Page No

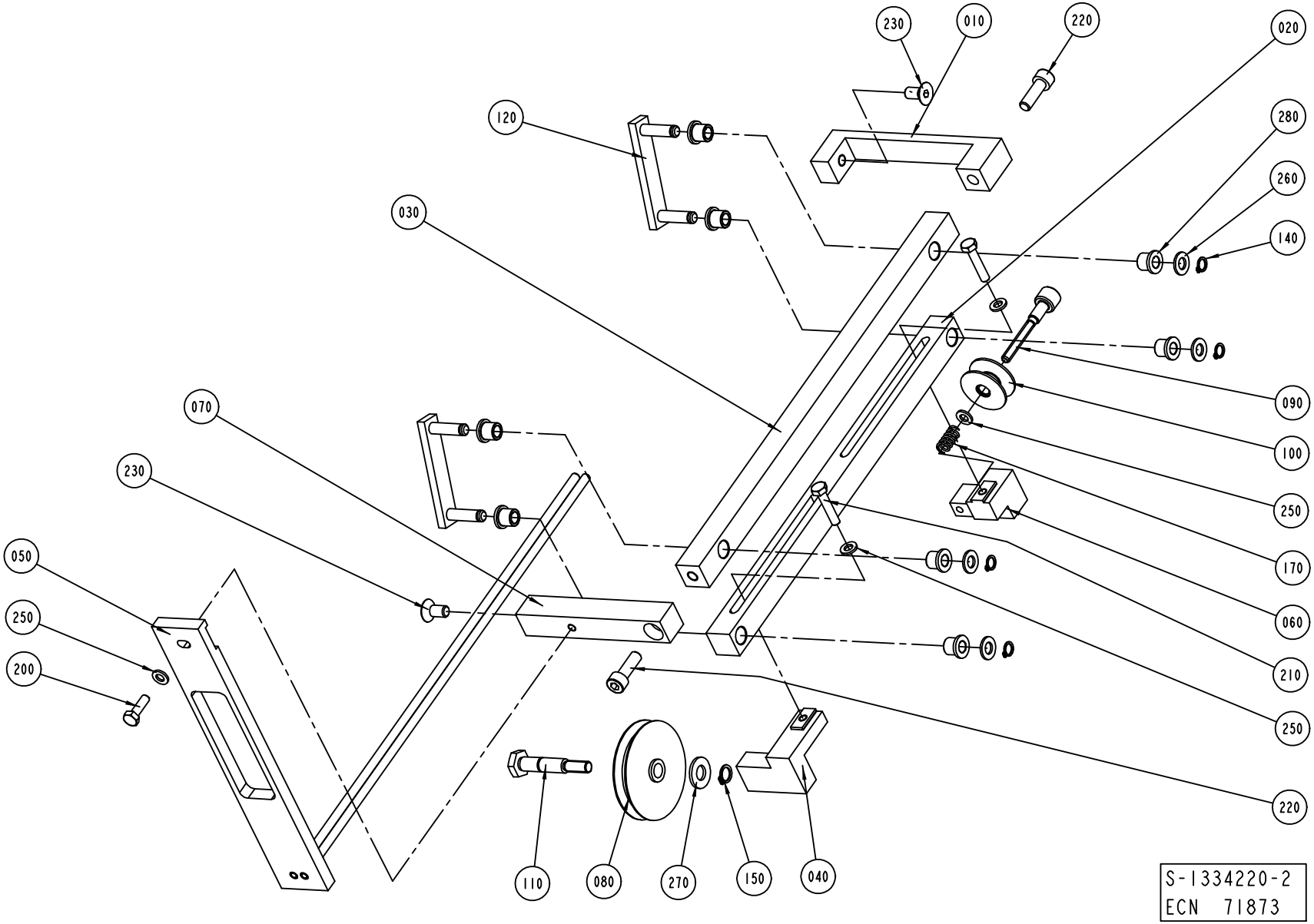


S-1195504-1
ECN 72489

ECM: 72489 - 19991012
Group number: 1195504-0100
Assembly Drawing: 1195504-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1116028-0000	-		1	SHEET	
030	1255136-0000	-		1	ROD	
040	599809-0000	-		1	SIGN	
100	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
110	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
130	315105-0165	-		6	WASHER BRB8,4X16RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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040
S-1334220-2
ECN 71873

ECM: 89477 - 20010201
Group number: 1334220-0200
Assembly Drawing: 1334220-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1478587-0000	-		1	BRACKET	
020	1334085-0000	-		1	ROD	
030	1347252-0000	-		1	ROD	
040	1478590-0000	-		1	BRACKET	
050	1349509-0000	-		1	GUIDE	
060	1478589-0000	-		1	BRACKET	
070	1478588-0000	-		1	BRACKET	
080	282635-0000	A		1	GUIDE WHEEL	
090	1035893-0000	A		1	ADJUSTING SCREW	
100	1285546-0000	A		1	ROLL	
010	*321120-0100*	*C*		*1*	*BEARING BUSHING W/O FLANGE 8/10X12*	
110	1334197-0000	A		1	AXLE PIN	
120	1346746-0000	-		2	LEVER	
140	90141-0015	-		4	RETAIN. RING, 8	
150	90141-0016	-		1	RETAIN. RING, 10	
170	90335-0027	A		1	COMP. SPRING 22170, 1,25X9,25X33	
200	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
210	312105-0374	-		2	SCREW M6S ISO 4014 M6X30 A480	
220	312115-0453	-		2	SCREW ISO4762 M8X25 A4	
230	312155-0449	-		2	SCREW EN 10642 MF6S M8X16 A480	
250	315105-0153	-		4	WASHER BRB6,4X12RFR	
260	315105-0165	-		4	WASHER BRB8,4X16RFR	
270	315105-0173	-		1	WASHER BRB10,5X22RFR	
280	321111-0097	A		8	FLANGE BUSHING, 8X12X12 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

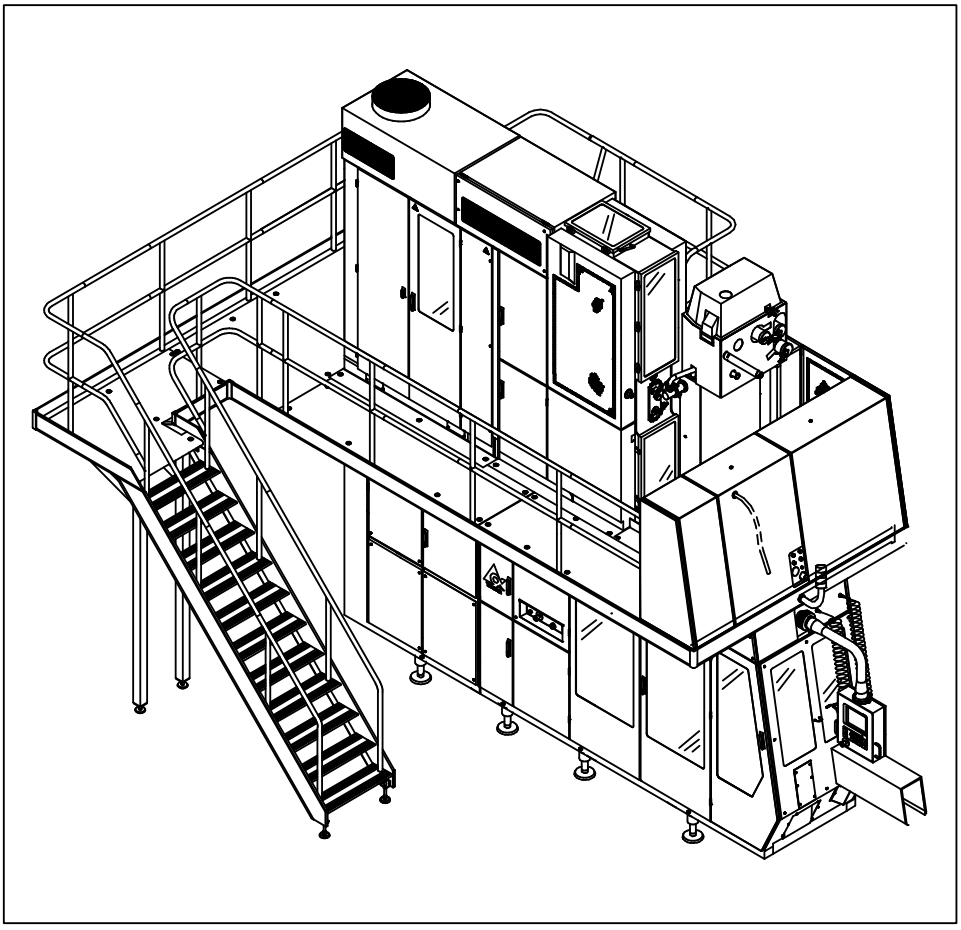
Machine Type | Group Description | Used-In | Group Number | Page No

Tetra Pak

SPC
Spare Parts Catalogue

TBA/21 050V

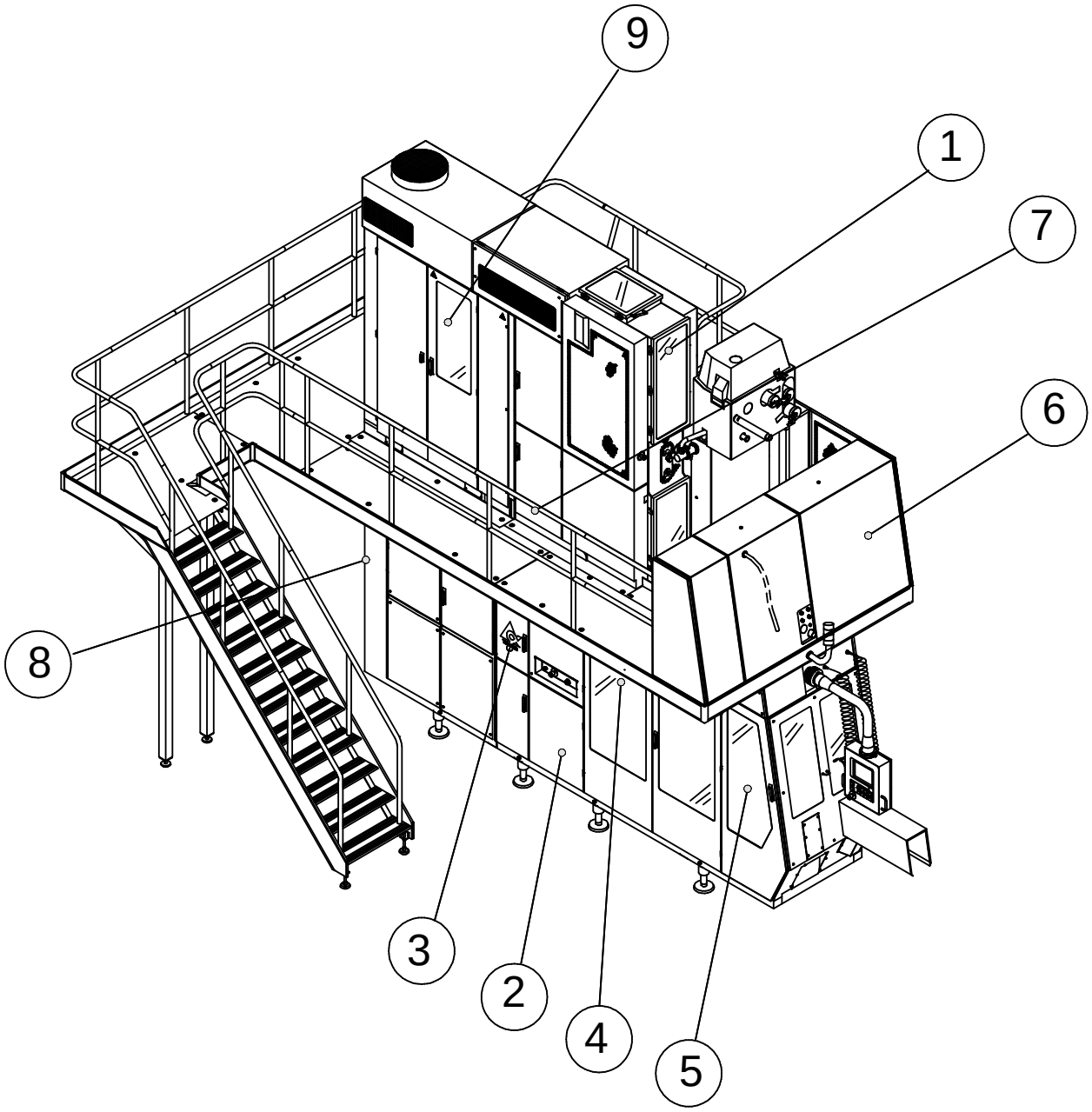
648570-0500



Tetra Pak

Doc. No: SPC-81545-0118

Main Groups of the Machine



1 - Superstructure
2 - Machine Body
3 - Drive
4 - Jaw System TBA/21
5 - Final Folder
6 - Service Unit
7 - Strip Applicator
8 - Automatic Splicing Unit
9 - Electrical Cabinet

For the correct machine data, check your machine specification, supplied with the machine!

This document is valid for:

Series No/Machine No Sign.

SPC
Spare Parts Catalogue

Tetra Brik Aseptic
TBA/21 050V
648570-0500

Valid from machine series No.:
21201/00151

Doc. No: SPC-81545-0118

Issue 2003-11

Tetra Pak

Tetra Pak Carton Ambient S.p.A.

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General information

Manufacturer

This machine is produced by:
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Via Delfini 1
41100 Modena /Italy

Document producer

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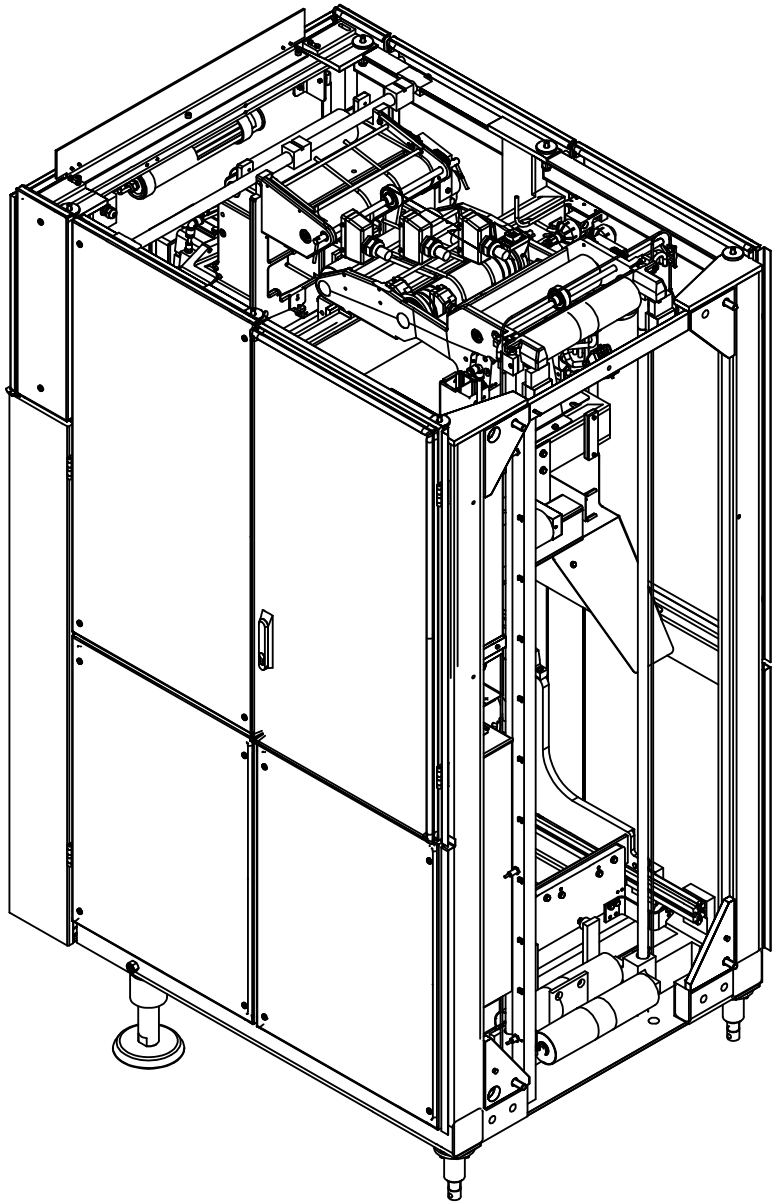
SPC
Spare Parts Catalogue



S-648513-5
ECN 71911

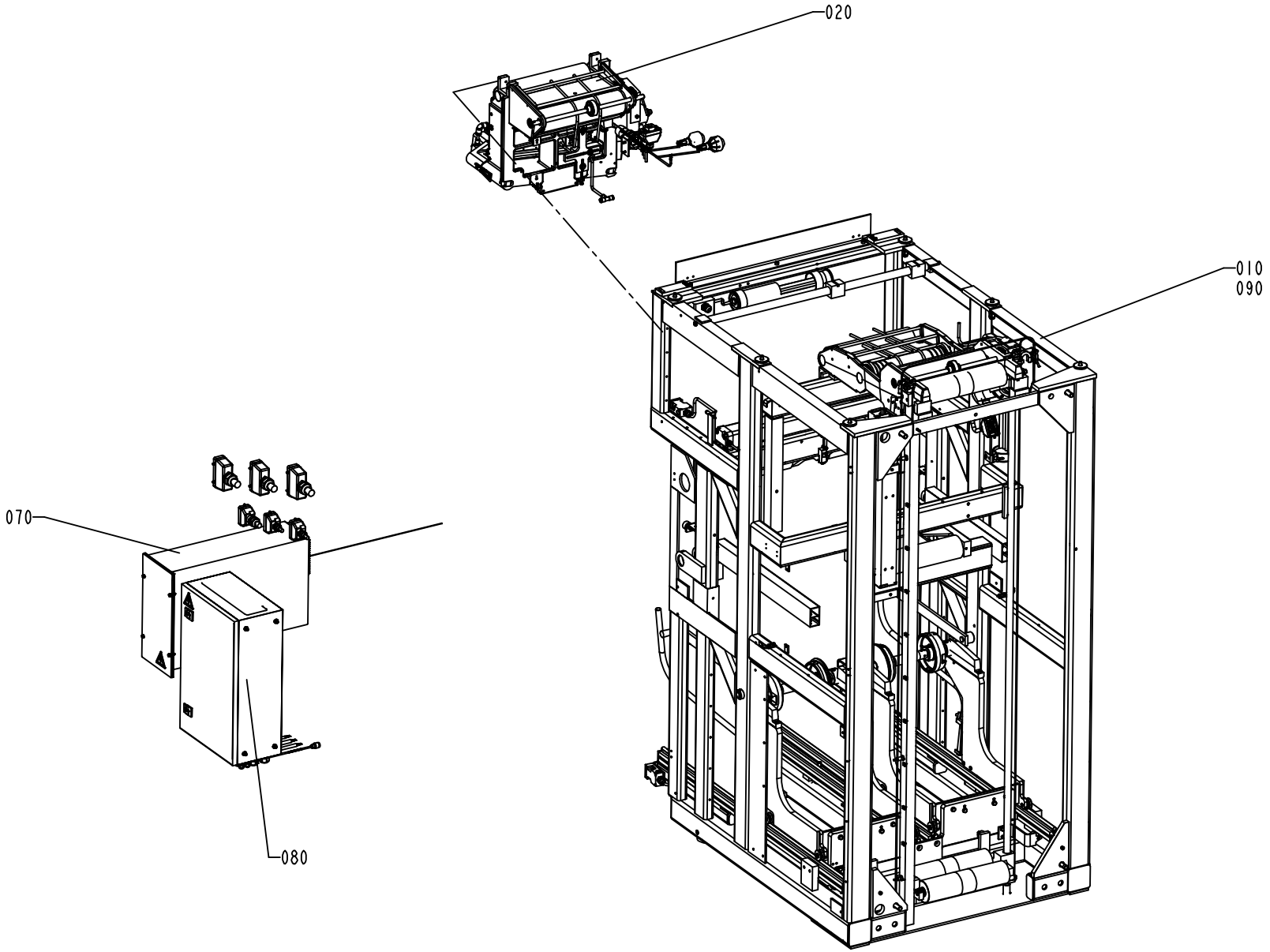
ECM: 115582 - 20030209
Group number: 648513-0400
Assembly Drawing: 648513-5_1_AA

This list covers pages from 872 to 885

Pos	Part No	SP	UN	Qty	Description	Page No
TBA ASU (See drawing on pages: 872, 874, 876, 878)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0100	-		1	ELECTRICAL CABINET	**951, 953**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
TBA ASUSEPROOM (See drawing on pages: 880, 882, 884)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0200	-		1	ELECTRICAL CABINET	**1011**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
160	1346431-0100	-		1	HOLDER	**1013**
170	1346430-0100	-		1	SUPPORT	**1015**
180	1346432-0100	-		1	BRACKET	**1017**
190	1346901-0100	-		1	PAPER COVER	**1019**
200	1346902-0100	-		1	LEG	**1021**
210	1346397-0000	-		4	SCREW	
220	312605-0324	-		4	HEXAGON NUT, M6M M16 A280	
230	315105-0186	-		4	WASHER BRB17X30RFR	
240	90347-0080	-		2	DAMPER TFE 1201	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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ECM: 115582 - 20030209
Group number: 648513-0400
Assembly Drawing: 648513-5_2_AA

This list covers pages from 872 to 885

Pos	Part No	SP	UN	Qty	Description	Page No
TBA ASU (See drawing on pages: 872, 874, 876, 878)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0100	-		1	ELECTRICAL CABINET	**951, 953**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
TBA ASUSEPROOM (See drawing on pages: 880, 882, 884)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
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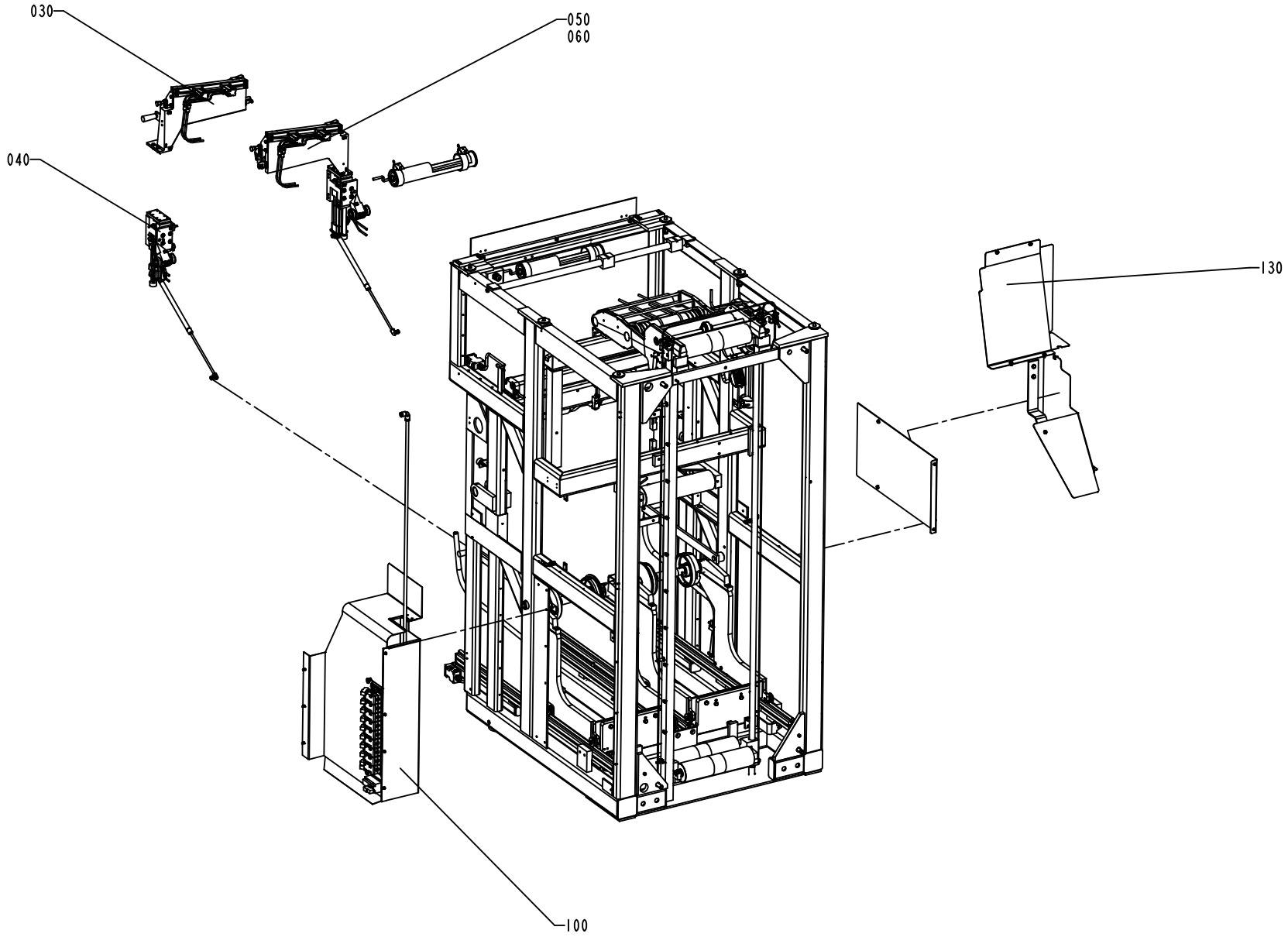
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0200	-		1	ELECTRICAL CABINET	**1011**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
160	1346431-0100	-		1	HOLDER	**1013**
170	1346430-0100	-		1	SUPPORT	**1015**
180	1346432-0100	-		1	BRACKET	**1017**
190	1346901-0100	-		1	PAPER COVER	**1019**
200	1346902-0100	-		1	LEG	**1021**
210	1346397-0000	-		4	SCREW	
220	312605-0324	-		4	HEXAGON NUT, M6M M16 A280	
230	315105-0186	-		4	WASHER BRB17X30RFR	
240	90347-0080	-		2	DAMPER TFE 1201	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type	Group Description	Used-In	Group Number	Page No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ECM: 115582 - 20030209
Group number: 648513-0400
Assembly Drawing: 648513-5_3_AA

This list covers pages from 872 to 885

Pos	Part No	SP	UN	Qty	Description	Page No
TBA ASU (See drawing on pages: 872, 874, 876, 878)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0100	-		1	ELECTRICAL CABINET	**951, 953**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
TBA ASUSEPROOM (See drawing on pages: 880, 882, 884)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0200	-		1	ELECTRICAL CABINET	**1011**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
160	1346431-0100	-		1	HOLDER	**1013**
170	1346430-0100	-		1	SUPPORT	**1015**
180	1346432-0100	-		1	BRACKET	**1017**
190	1346901-0100	-		1	PAPER COVER	**1019**
200	1346902-0100	-		1	LEG	**1021**
210	1346397-0000	-		4	SCREW	
220	312605-0324	-		4	HEXAGON NUT, M6M M16 A280	
230	315105-0186	-		4	WASHER BRB17X30RFR	
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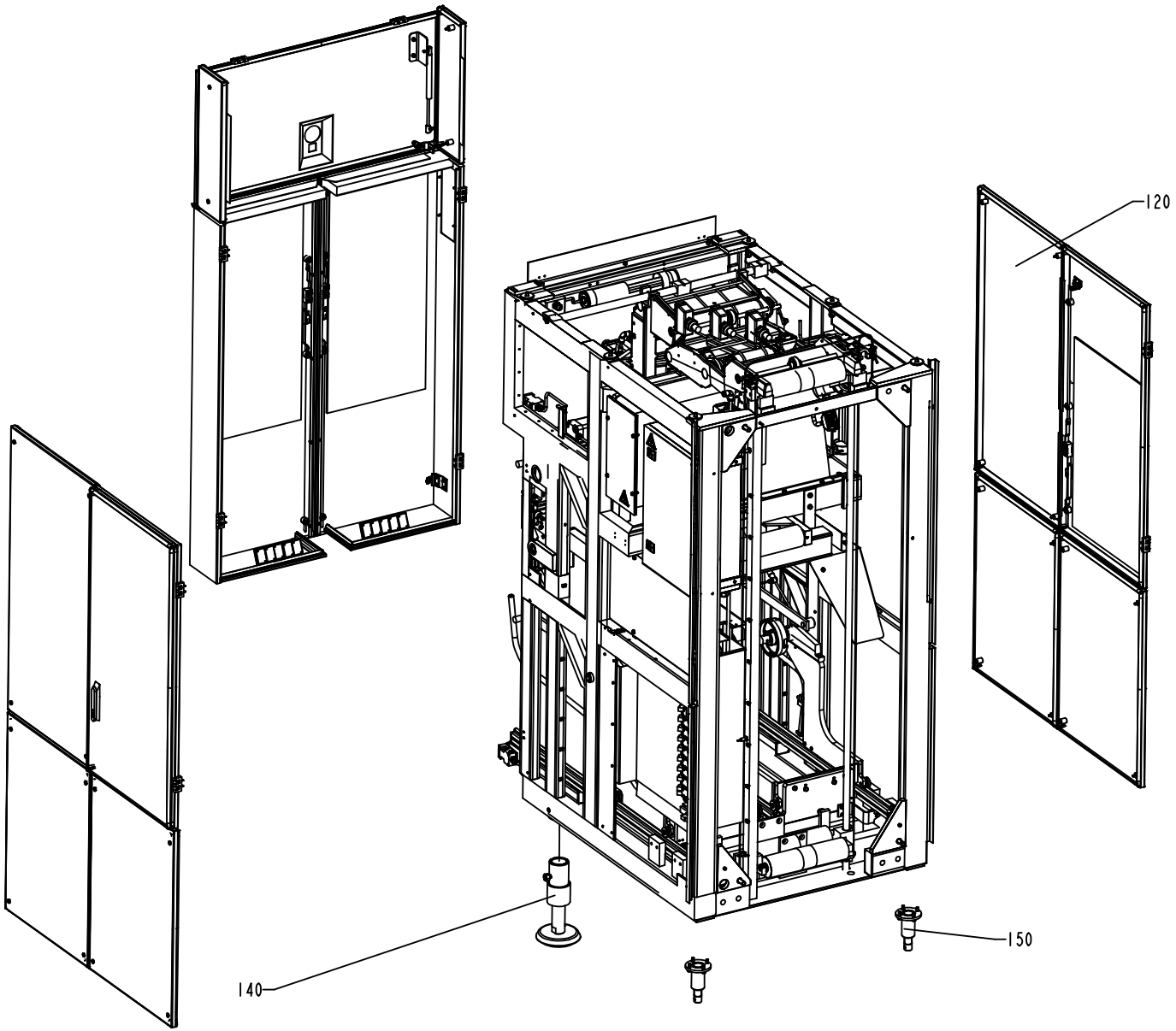
Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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Group number: 648513-0400
Assembly Drawing: 648513-5_4_AA

This list covers pages from 872 to 885

Pos	Part No	SP	UN	Qty	Description	Page No
TBA ASU (See drawing on pages: 872, 874, 876, 878)						
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020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
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090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
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130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
TBA ASUSEPROOM (See drawing on pages: 880, 882, 884)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0200	-		1	ELECTRICAL CABINET	**1011**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
160	1346431-0100	-		1	HOLDER	**1013**
170	1346430-0100	-		1	SUPPORT	**1015**
180	1346432-0100	-		1	BRACKET	**1017**
190	1346901-0100	-		1	PAPER COVER	**1019**
200	1346902-0100	-		1	LEG	**1021**
210	1346397-0000	-		4	SCREW	
220	312605-0324	-		4	HEXAGON NUT, M6M M16 A280	
230	315105-0186	-		4	WASHER BRB17X30RFR	
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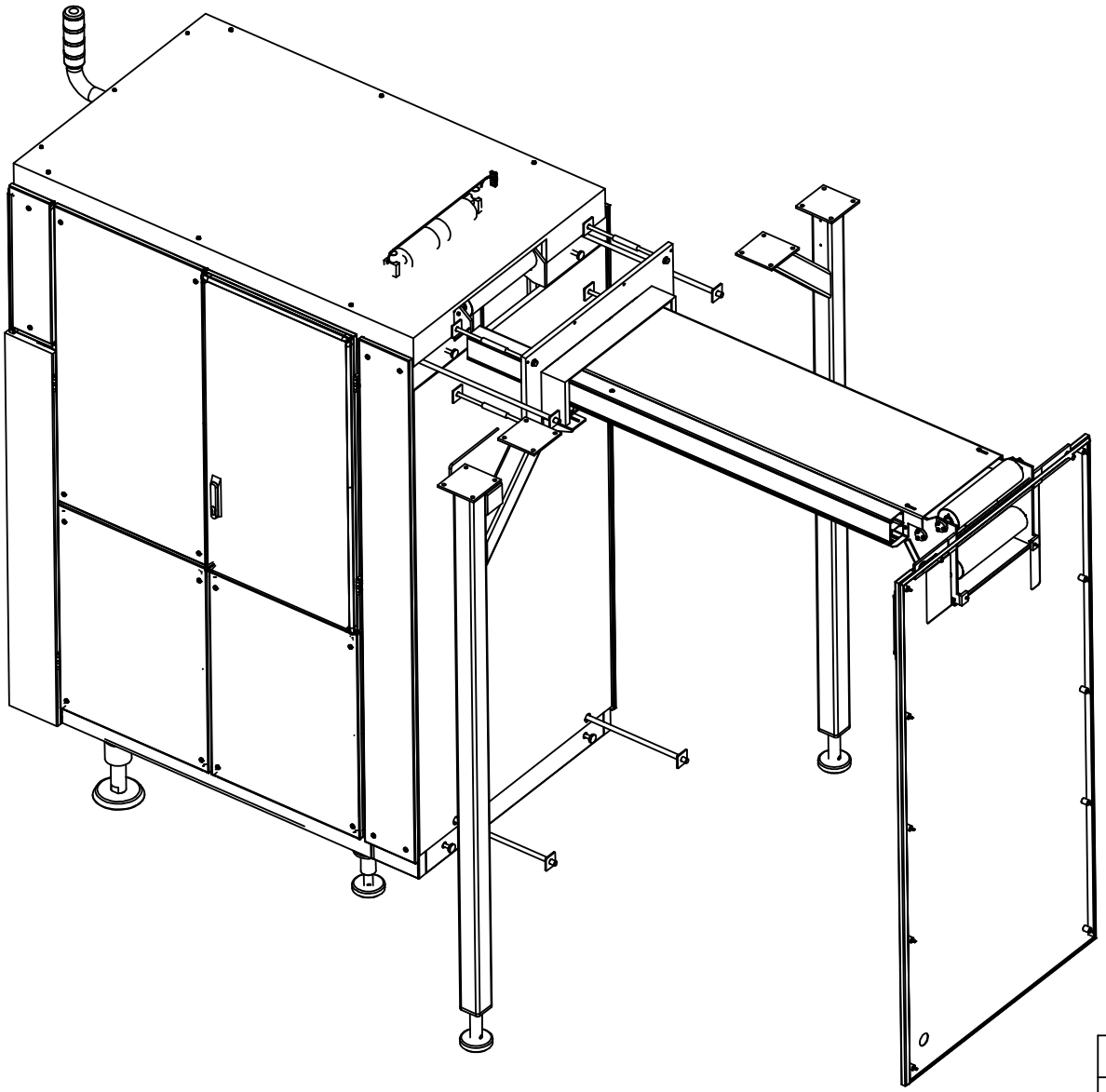
Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

AUTOMATIC SPLICING UNIT



648513-6
ECN 84465

ECM: 115582 - 20030209
Group number: 648513-0400
Assembly Drawing: 648513-6_1_AB

This list covers pages from 872 to 885

Pos	Part No	SP	UN	Qty	Description	Page No
TBA ASU (See drawing on pages: 872, 874, 876, 878)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
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060	1255870-0100	-		1	CYLINDER LINE 1	**947**
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130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
TBA ASUSEPROOM (See drawing on pages: 880, 882, 884)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
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040	1255868-0100	-		1	CYLINDER LINE 2	**943**
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070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0200	-		1	ELECTRICAL CABINET	**1011**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
160	1346431-0100	-		1	HOLDER	**1013**
170	1346430-0100	-		1	SUPPORT	**1015**
180	1346432-0100	-		1	BRACKET	**1017**
190	1346901-0100	-		1	PAPER COVER	**1019**
200	1346902-0100	-		1	LEG	**1021**
210	1346397-0000	-		4	SCREW	
220	312605-0324	-		4	HEXAGON NUT, M6M M16 A280	
230	315105-0186	-		4	WASHER BRB17X30RFR	
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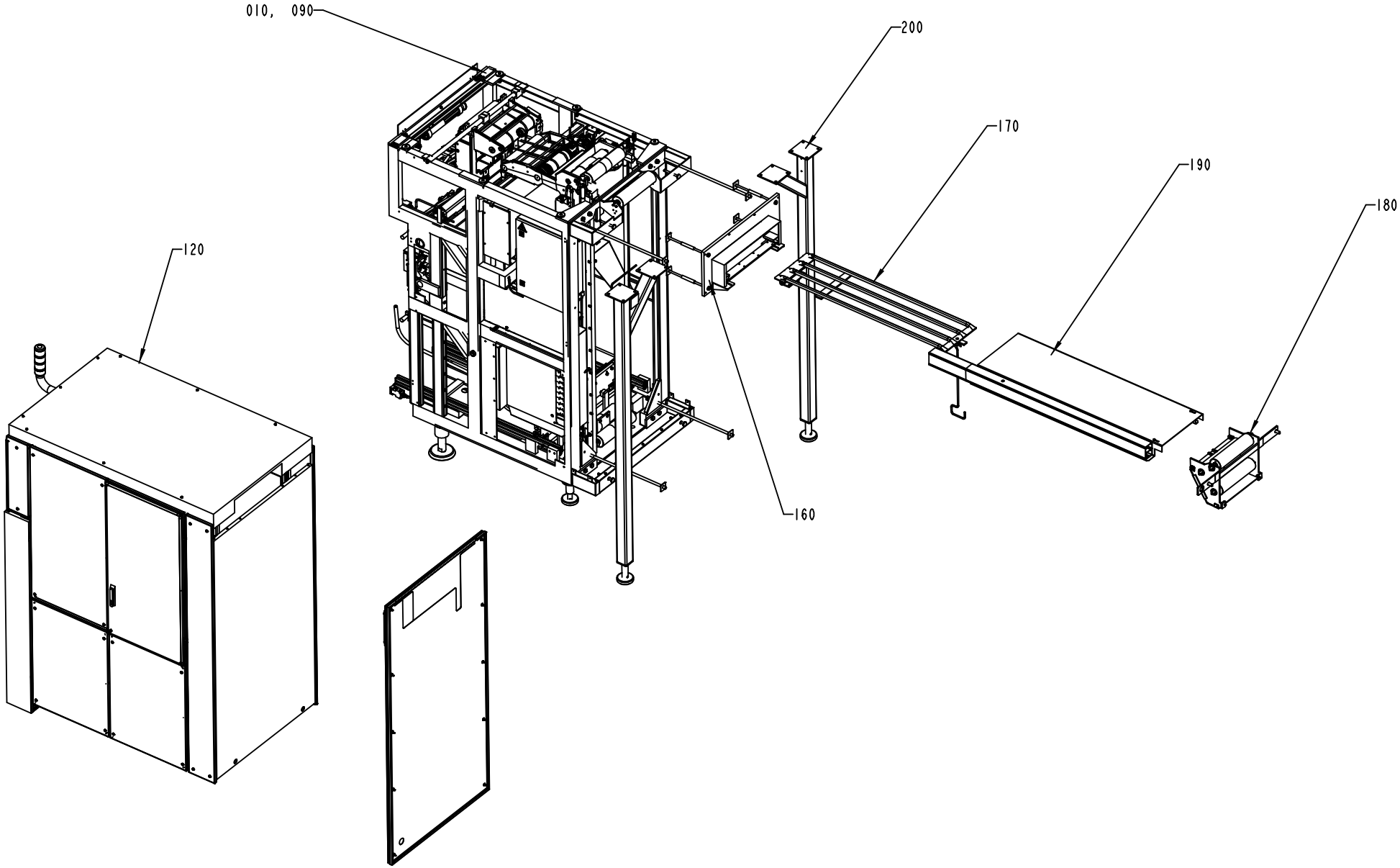
Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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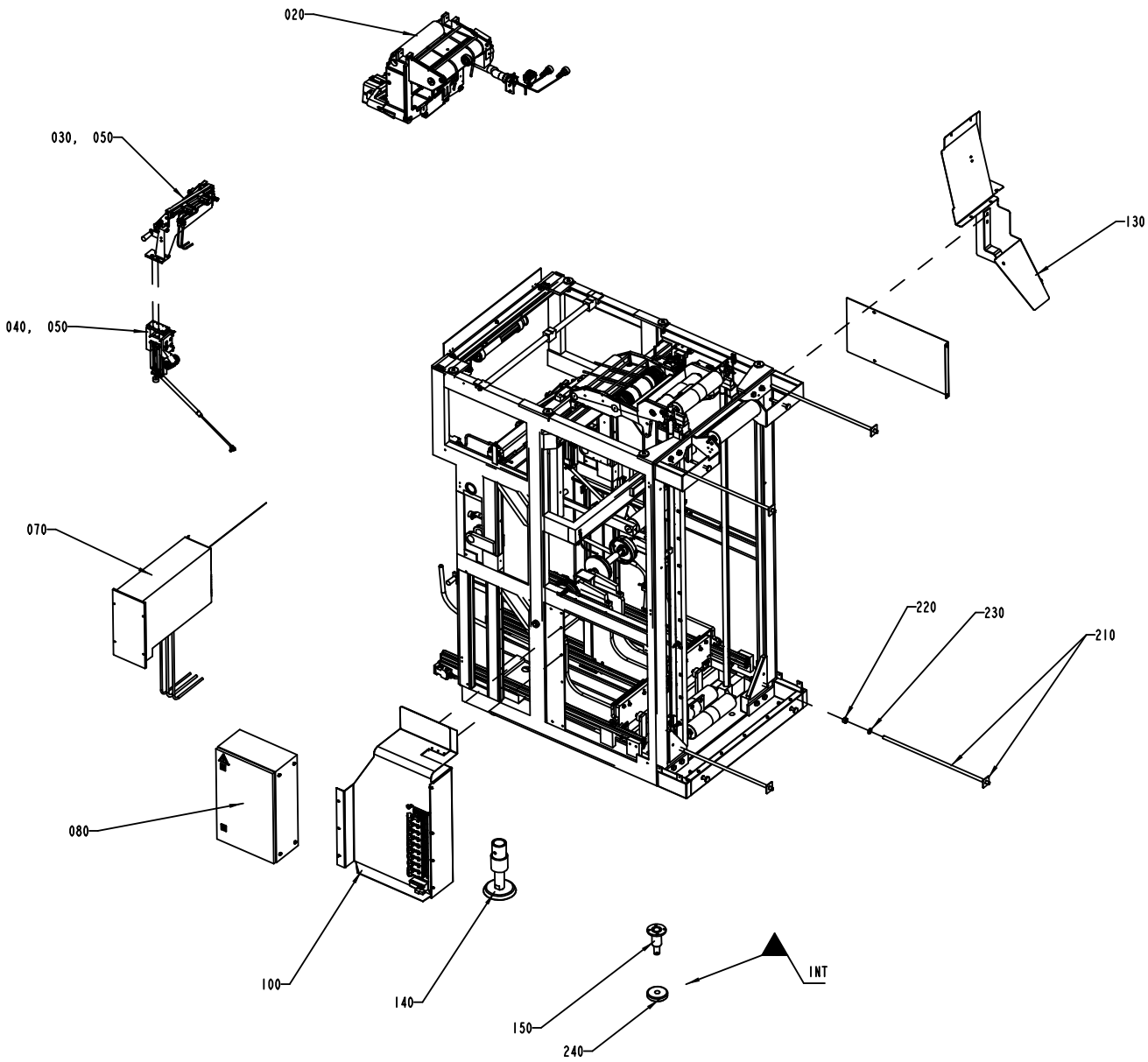
ECM: 115582 - 20030209
Group number: 648513-0400
Assembly Drawing: 648513-6_2_AB

This list covers pages from 872 to 885

Pos	Part No	SP	UN	Qty	Description	Page No
TBA ASU (See drawing on pages: 872, 874, 876, 878)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0100	-		1	ELECTRICAL CABINET	**951, 953**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
TBA ASUSEPROOM (See drawing on pages: 880, 882, 884)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0200	-		1	ELECTRICAL CABINET	**1011**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
160	1346431-0100	-		1	HOLDER	**1013**
170	1346430-0100	-		1	SUPPORT	**1015**
180	1346432-0100	-		1	BRACKET	**1017**
190	1346901-0100	-		1	PAPER COVER	**1019**
200	1346902-0100	-		1	LEG	**1021**
210	1346397-0000	-		4	SCREW	
220	312605-0324	-		4	HEXAGON NUT, M6M M16 A280	
230	315105-0186	-		4	WASHER BRB17X30RFR	
240	90347-0080	-		2	DAMPER TFE 1201	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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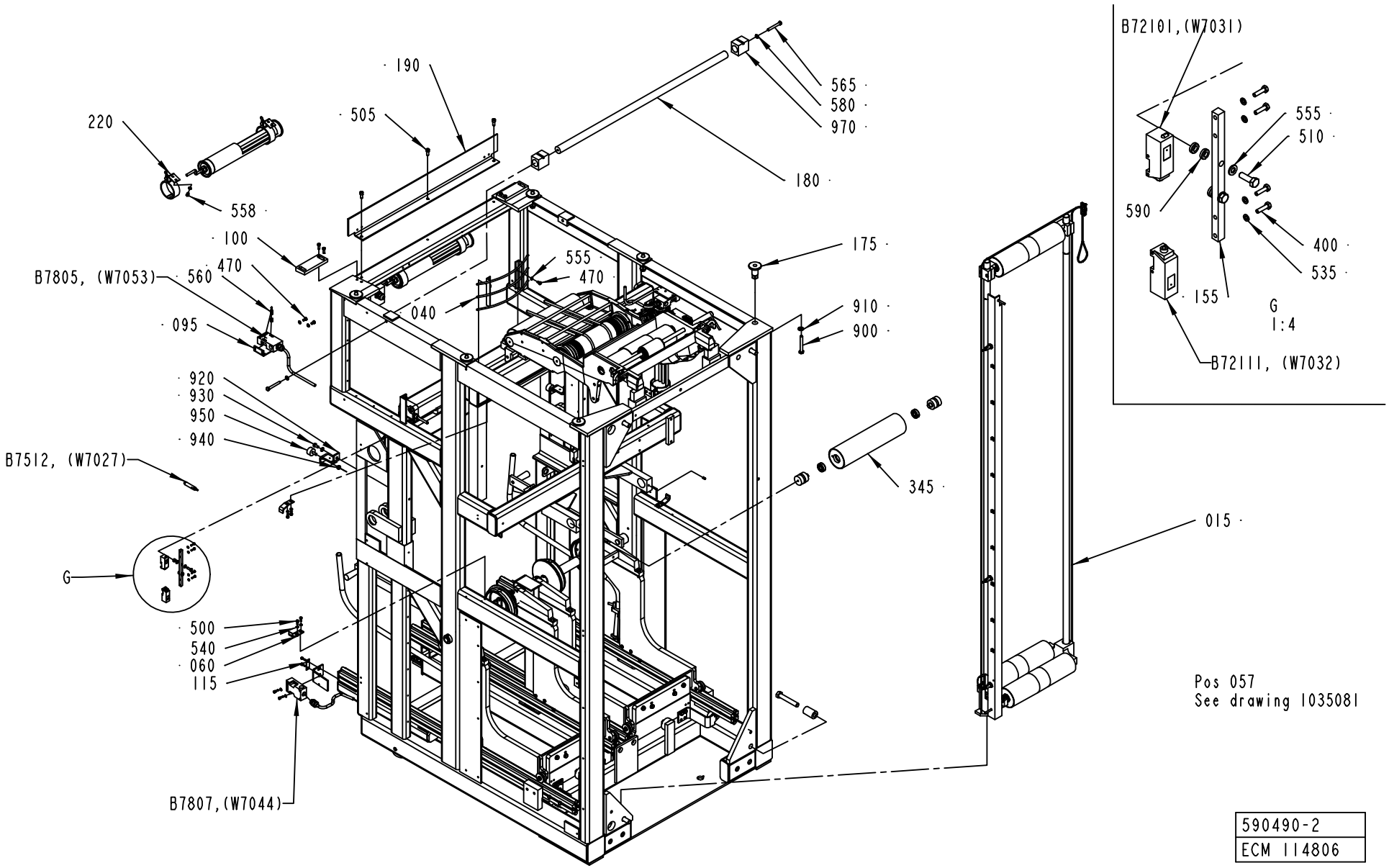
Pos	Part No	SP	UN	Qty	Description	Page No
TBA ASU (See drawing on pages: 872, 874, 876, 878)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0100	-		1	ELECTRICAL CABINET	**951, 953**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
TBA ASUSEPROOM (See drawing on pages: 880, 882, 884)						
010	590490-0200	-		1	MACHINE BODY	**887, 889, 891, 893, 895, 897**
020	1348436-0100	-		1	SPLICING DEVICE	**927**
030	1255867-0200	-		1	MATERIAL HOLDER L2	**941**
040	1255868-0100	-		1	CYLINDER LINE 2	**943**
050	1255869-0200	-		1	MATERIAL HOLDER L1	**945**
060	1255870-0100	-		1	CYLINDER LINE 1	**947**
070	1095768-0100	-		1	GENERATOR CABINET	**949**
080	1095775-0200	-		1	ELECTRICAL CABINET	**1011**
090	1035082-0300	-		1	CABLE HARNESS	**955, 957, 959**
100	1260235-0200	-		1	VALVE PANEL	**961**
120	1035088-0400	-		1	COVERING PANEL	**963, 965**
130	1255304-0100	-		1	PROTECTIVE COVER	**1005**
140	1035076-0200	-		2	LEG	**311, 1007**
150	1035471-0100	-		2	LEG	**1009**
160	1346431-0100	-		1	HOLDER	**1013**
170	1346430-0100	-		1	SUPPORT	**1015**
180	1346432-0100	-		1	BRACKET	**1017**
190	1346901-0100	-		1	PAPER COVER	**1019**
200	1346902-0100	-		1	LEG	**1021**
210	1346397-0000	-		4	SCREW	
220	312605-0324	-		4	HEXAGON NUT, M6M M16 A280	
230	315105-0186	-		4	WASHER BRB17X30RFR	
240	90347-0080	-		2	DAMPER TFE 1201	

Pos	Part No	SP	UN	Qty	Description	Page No



590490-2
ECM 114806

ECM: 119554 - 20030209
Group number: 590490-0200
Assembly Drawing: 590490-2_1_AG

This list covers pages from 886 to 897

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT ASU (See drawing on pages: 886, 888, 890)						
190	1558471-0000	-		1	BRACKET	
220	90164-0303	-		6	BRACKET SK2202 WALDMANN	
555	315105-0153	-		18	WASHER BRB6,4X12RFR	
558	312105-0364	-		7	SCREW M6S ISO 4017 M6X10 A480	
E7704	90164-0015	-		1	LIGHT FIXTURE, DWDCV111B/230V 50HZ	
	90297-0007	*B*		*1*	*FLUORESCENT TUBE, PLS 11*	
W7052	351150-0412	-	MM	4500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
NOPT ASUSEPROOM (See drawing on pages: 892, 894, 896)						
200	1346429-0100	-		1	BRACKET	**899**
205	1348919-0100	-		1	ELECTRICAL CONNECTION	**901**
220	90164-0303	-		6	BRACKET SK2202 WALDMANN	
555	315105-0153	-		18	WASHER BRB6,4X12RFR	
558	312105-0364	-		7	SCREW M6S ISO 4017 M6X10 A480	
W7052	351150-0412	-	MM	4500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
PT21 ASU (See drawing on pages: 886, 888, 890)						
190	590483-0000	-		1	HOLDER	
220	90164-0303	-		4	BRACKET SK2202 WALDMANN	
555	315105-0153	-		15	WASHER BRB6,4X12RFR	
558	312105-0364	-		4	SCREW M6S ISO 4017 M6X10 A480	
PT21 ASUSEPROOM (See drawing on pages: 892, 894, 896)						
200	1346429-0100	-		1	BRACKET	**899**
205	1348919-0100	-		1	ELECTRICAL CONNECTION	**901**
220	90164-0303	-		4	BRACKET SK2202 WALDMANN	
555	315105-0153	-		15	WASHER BRB6,4X12RFR	
558	312105-0364	-		4	SCREW M6S ISO 4017 M6X10 A480	
Common Parts						
010	1347753-0100	-		1	DRIVE UNIT FRONT	**903**
015	1347738-0100	-		1	DOUBLE WEB MAGAZINE	**905**
020	1347751-0100	-		1	RAIL	**907**
025	1347740-0100	-		1	CARRIAGE	**909**
027	1347749-0100	-		1	CARRIAGE	**911**
030	1348428-0100	-		1	LOCKING ARM	**913**
035	1095835-0100	-		2	PAPER REEL HOLDER	**915**
040	2546479-0000	-		1	PROTECTION	
045	1095770-0200	-		1	SIDE FEEDER	**917**
050	1348437-0100	-		1	BRACKET	**919**
051	1517090-0100	-		1	WEB GUIDE	**921**
055	1348987-0000	-		1	FRAME	
057	1035081-0100	-		1	PIPE WORK-PNEUMATIC	
058	1478826-0100	-		1	GUIDE	**925**
060	1036227-0000	-		4	BRACKET	
070	1038903-0000	-		2	BRACKET	
085	1038904-0000	-		2	WASHER	
095	590489-0000	-		1	BRACKET	
100	985756-0000	-		2	KEY	
115	1140518-0000	-		2	WASHER	
125	985712-0000	-		1	HOLDER	
155	591319-0000	-		1	HOLDER	
160	579802-0000	-		1	SPACER	
170	579803-0000	-		1	SPACER	
175	1116048-0000	-		6	SPACER	
180	1116049-0000	-		1	SHAFT	
210	90002-0010	-		2	BLANK-OFF PLUG, PR 37 SKINDICHT-BLK29	
310	1040994-0000	-		2	FASTENING BRACKET	
320	1038865-0000	-		4	SPACER DISC	
330	1041170-0000	A		2	DANCER ROLLER	
340	1036758-0000	-		6	AXLE PIN	
345	1350925-0000	A		1	BENDING ROLLER	
350	311103-0401	-		1	PARALLEL PIN ISO 2338 8M6X20 A1	
355	311103-0454	-		4	PARALLEL PIN ISO 2338 10M6X20 A1	
360	311103-0466	-		1	PARALLEL PIN ISO 2338 10M6X50 A1	
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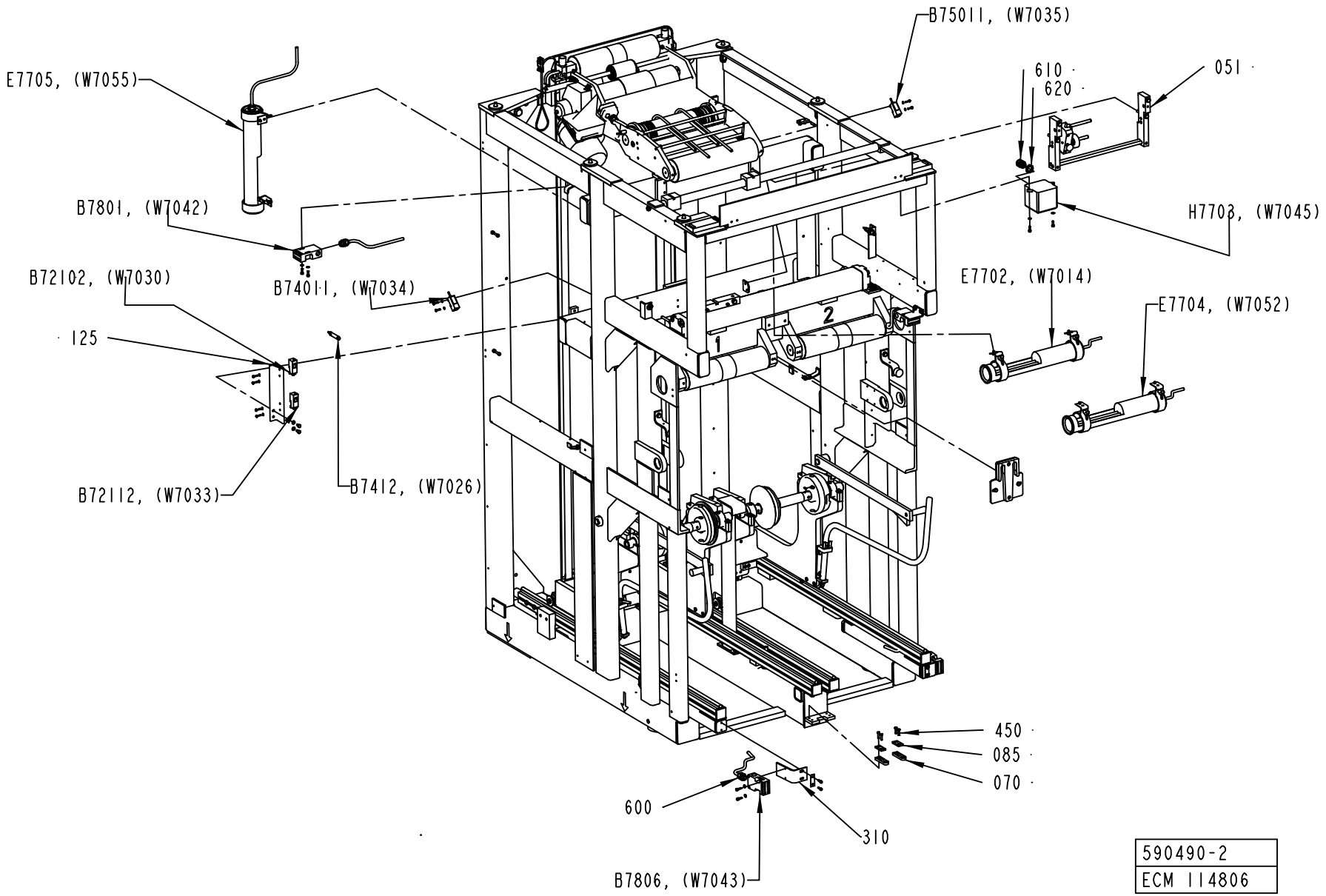
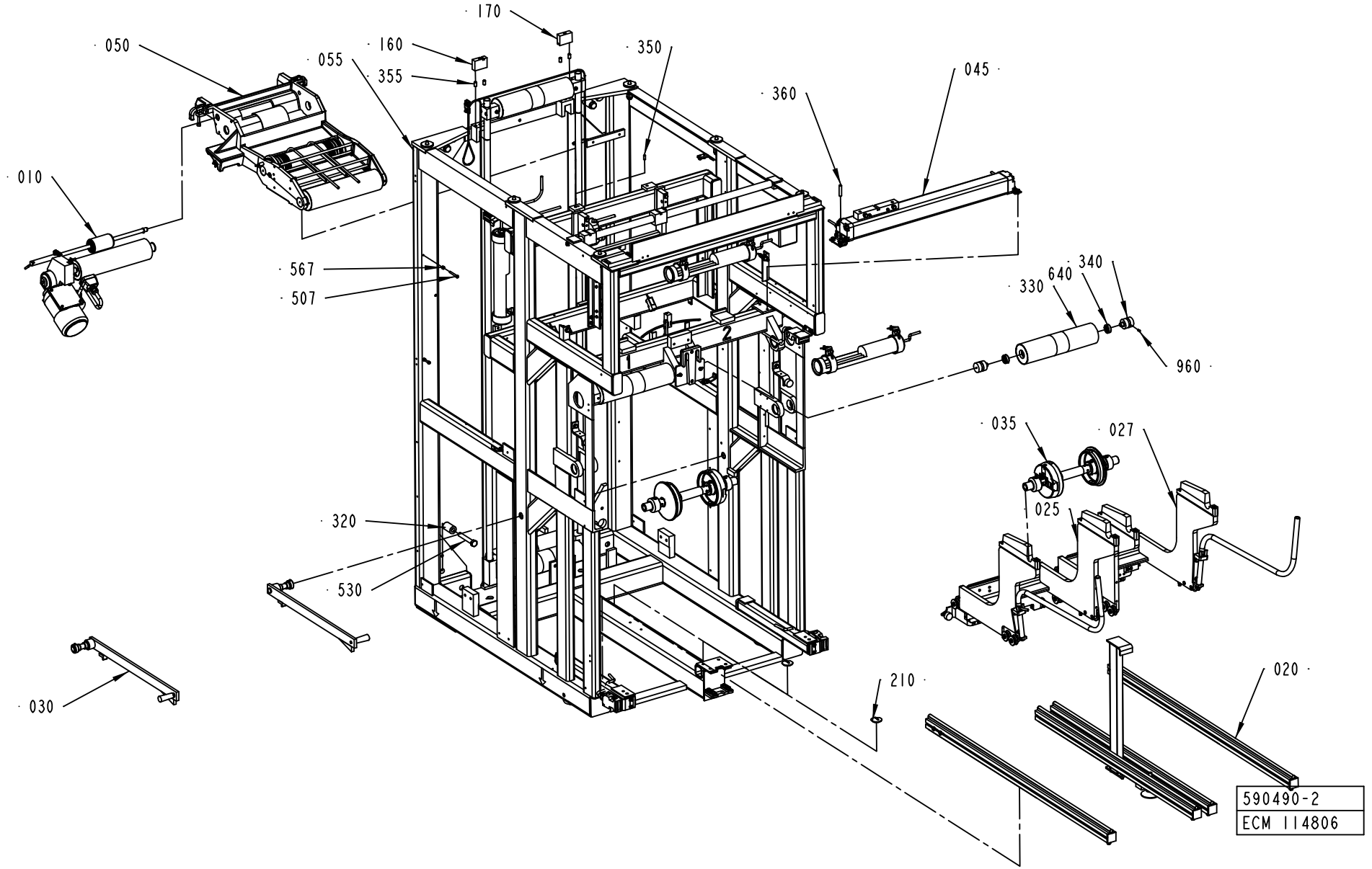
450	312105-0331	-		4	SCREW M6S ISO 4017 M5X20 A480	
470	312105-0366	-		6	SCREW M6S M6X12 A280	
500	312115-0327	-		8	SCREW ISO4762 M5X12 A4	
507	312115-0380	-		2	SCREW ISO4762 M6X50 A4	
510	312105-0370	-		6	SCREW M6S ISO 4017 M6X20 A480	
530	312105-0640	-		4	SCREW M6S ISO 4014 M16X100 A480	
535	315105-0136	-		12	WASHER BRB4,3XRFR	
540	315105-0146	-		18	BRICKA BRB5,3X10RFR	
560	312115-0329	-		14	SCREW ISO4762 M5X16 A4	
565	312105-0464	-		2	SCREW M6S ISO 4014 M8X65 A480	
567	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
580	315105-0165	-		4	WASHER BRB8,4X16RFR	
590	315111-0153	-		4	WASHER PLAIN, TBRB 6,4/12 H=3	
600	352103-0106	-		4	CABLE GLAND, ST 11, PR18,6/PG11	
610	90012-0049	-		1	CABLE GLAND, STR13,5, PR20,4/PG13,5	
620	90099-0118	-		1	NUT, PR 20,4 (PG13,5)	
640	321313-0102	A		6	BALL BEARING, 15X35X11 MM	



590490-2
ECM 114806

Pos	Part No	SP	UN	Qty	Description	Page No
Common Parts (Cont'd)						
900	312105-0506	-		6	SCREW M6S ISO 4014 M10X75 A480	
910	315105-0173	-		6	WASHER BRB10,5X22RFR	
920	1254055-0000	-		2	HOLDER	
930	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
940	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	
950	90347-0004	-		2	VIBRATION DAMPER D=30 TH=M8 H=17 H2=21MM	
960	312318-0366	-		6	SCREW ISO4029 M6X12 A4	
970	1036559-0000	-		2	BEARING BLOCK	
B72101	90232-0103	A		1	PH.CELL E3S-CT61-L-5M	
B72102	90232-0104	A		1	PH.CELL E3S-CT61-D-5M	
B72111	90232-0103	A		1	PH.CELL E3S-CT61-L-5M	
B72112	90232-0104	A		1	PH.CELL E3S-CT61-D-5M	
B74011	90232-0106	A		1	PH.CELL E3S-CR11-5M	
B7412	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B75011	90232-0106	A		1	PH.CELL E3S-CR11-5M	
B7512	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B7801	90044-0139	A		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
B7805	90044-0139	A		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
B7806	90044-0139	A		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
B7807	90044-0139	A		1	KEY SAF.SW. AZ16-02 ZVR K-2254	
E7702	90164-0015	-		1	LIGHT FIXTURE, DWDCV111B/230V 50HZ	
	90297-0007	*B*		*1*	*FLUORESCENT TUBE, PLS 11*	
E7705	90164-0015	-		1	LIGHT FIXTURE, DWDCV111B/230V 50HZ	
	90297-0007	*B*		*1*	*FLUORESCENT TUBE, PLS 11*	
H7703	90052-0011	-		1	HORN HOOTERT 24:48VDC.PT NO.1YA030221	
W7014	351150-0412	-	MM	3500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W7042	351150-0405	-	M	4	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W7043	351150-0405	-	M	5	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W7044	351150-0405	-	M	4	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W7045	351150-0122	-	M	4	CABLE	
W7053	351150-0405	-	MM	2800	CABLE OLFLEX 5X0,75 MM2 LIGHT/GREY	
W7054	351150-0406	-	M	8	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	
W7055	351150-0412	-	M	2	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No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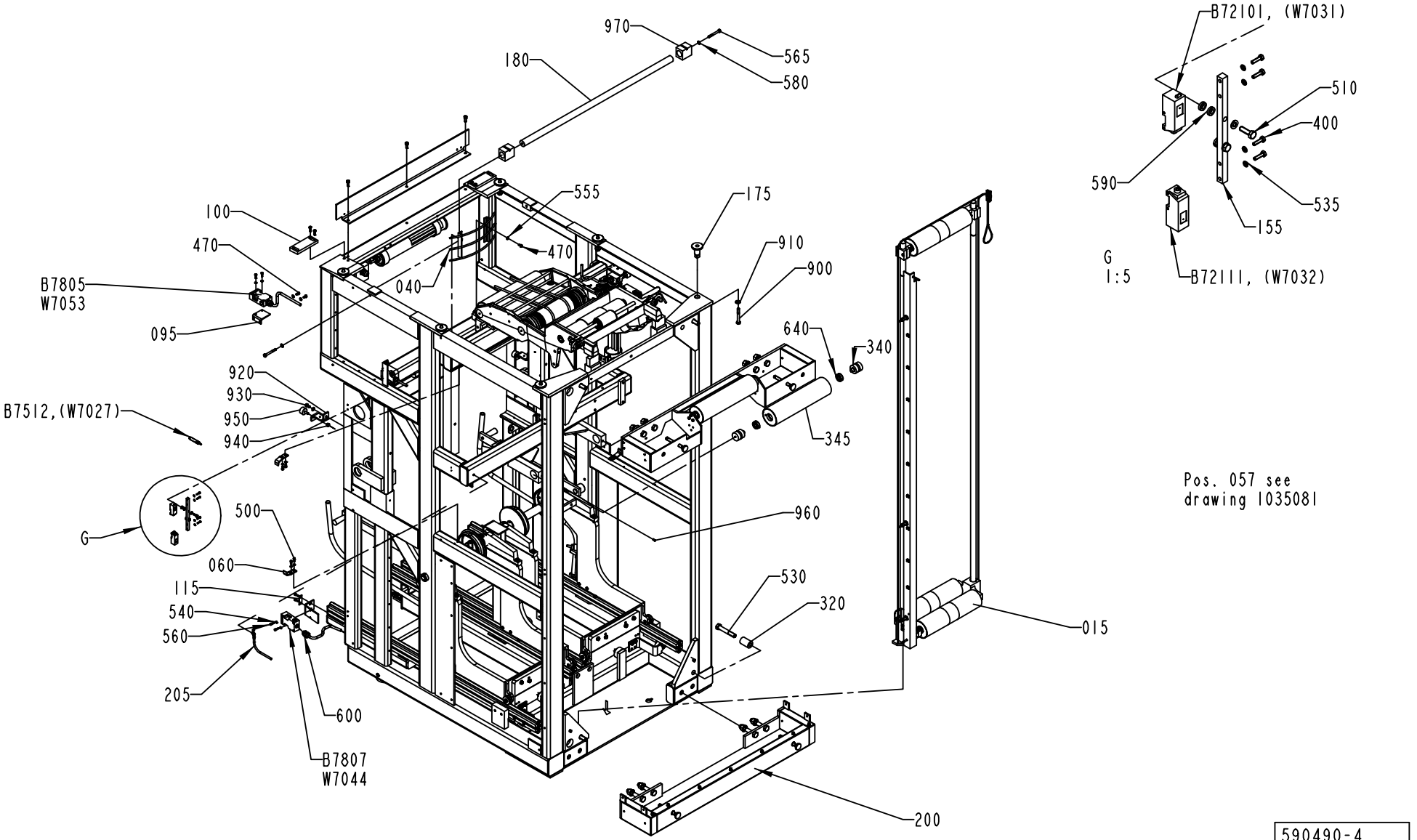
590490-2
ECM 114806

Pos	Part No	SP	UN	Qty	Description	Page No

SEE PREVIOUS LISTS PAGES: 887, 889.

Pos	Part No	SP	UN	Qty	Description	Page No

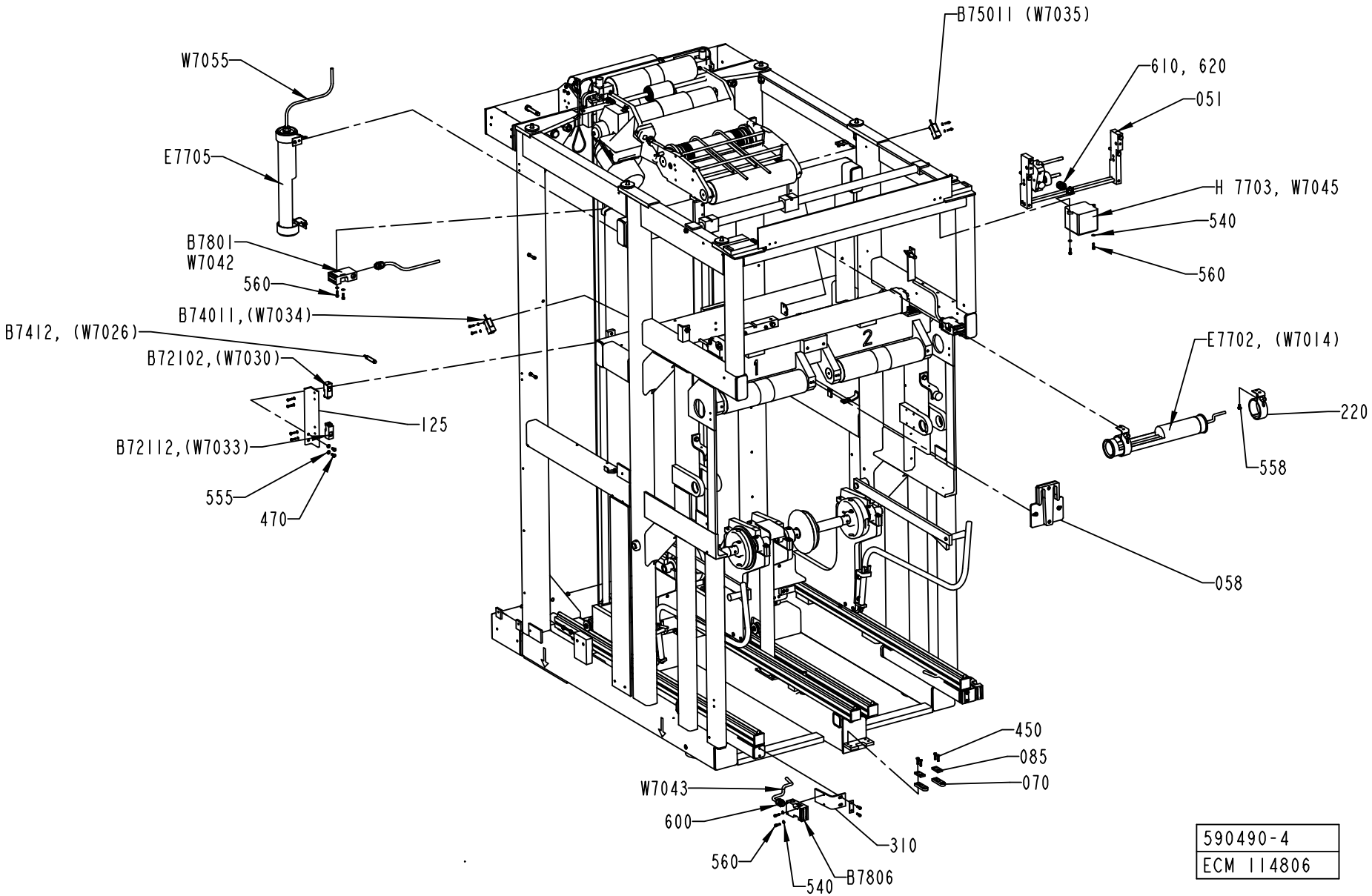
MACHINE BODY



590490-4
ECM 114806

Pos	Part No	SP	UN	Qty	Description	Page No
SEE PREVIOUS LISTS PAGES: 887, 889.						

Pos	Part No	SP	UN	Qty	Description	Page No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B7412, (W7026)
B72102,(W7030)
E7702, (W7014)
220
125
558
B72112,(W7033)
555
470
058
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070
W7043
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310
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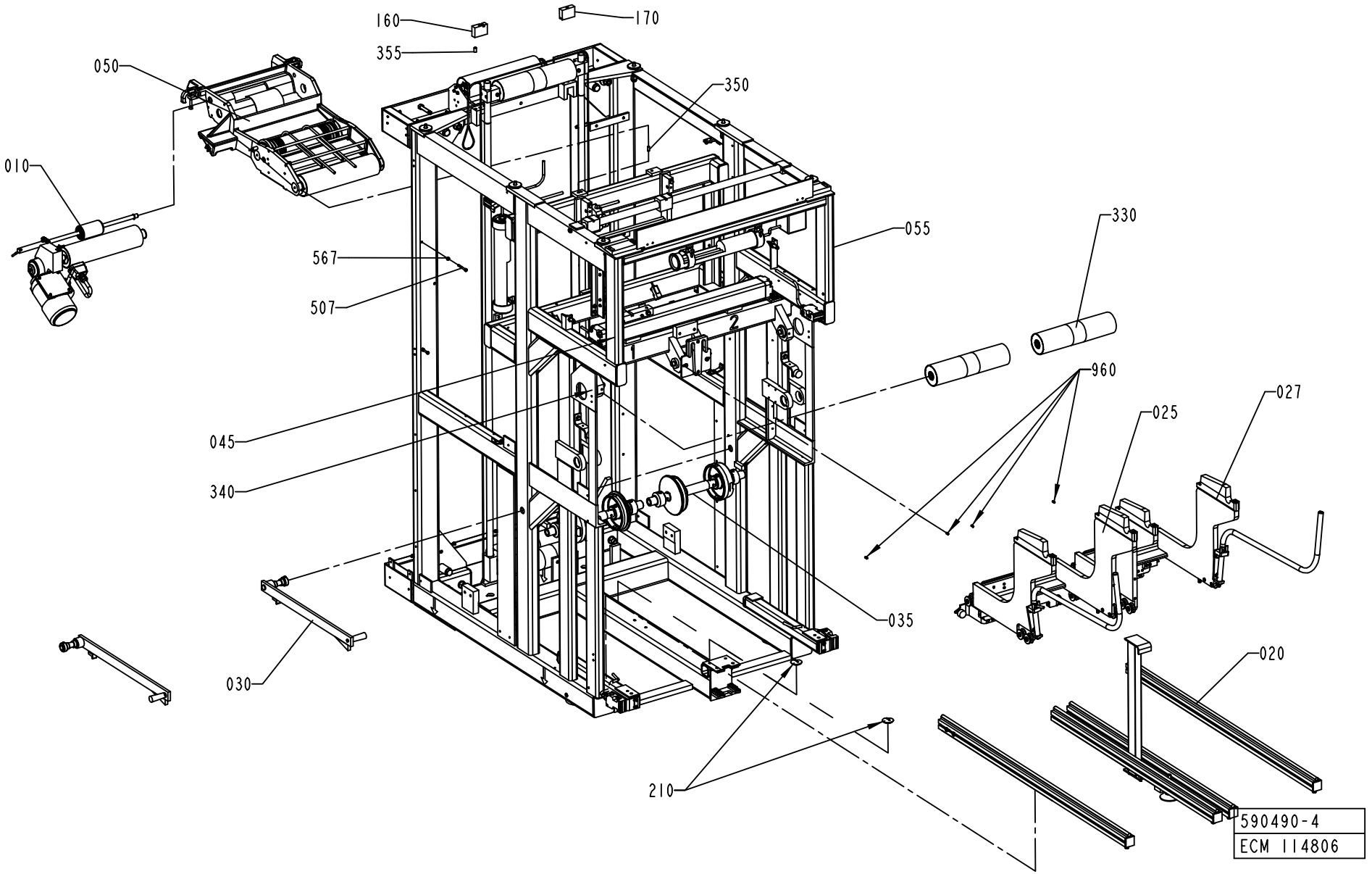
540
B7806
590490-4
ECM 114806

Pos	Part No	SP	UN	Qty	Description	Page No	Pos	Part No	SP	UN	Qty	Description	Page No

SEE PREVIOUS LISTS PAGES: 887, 889.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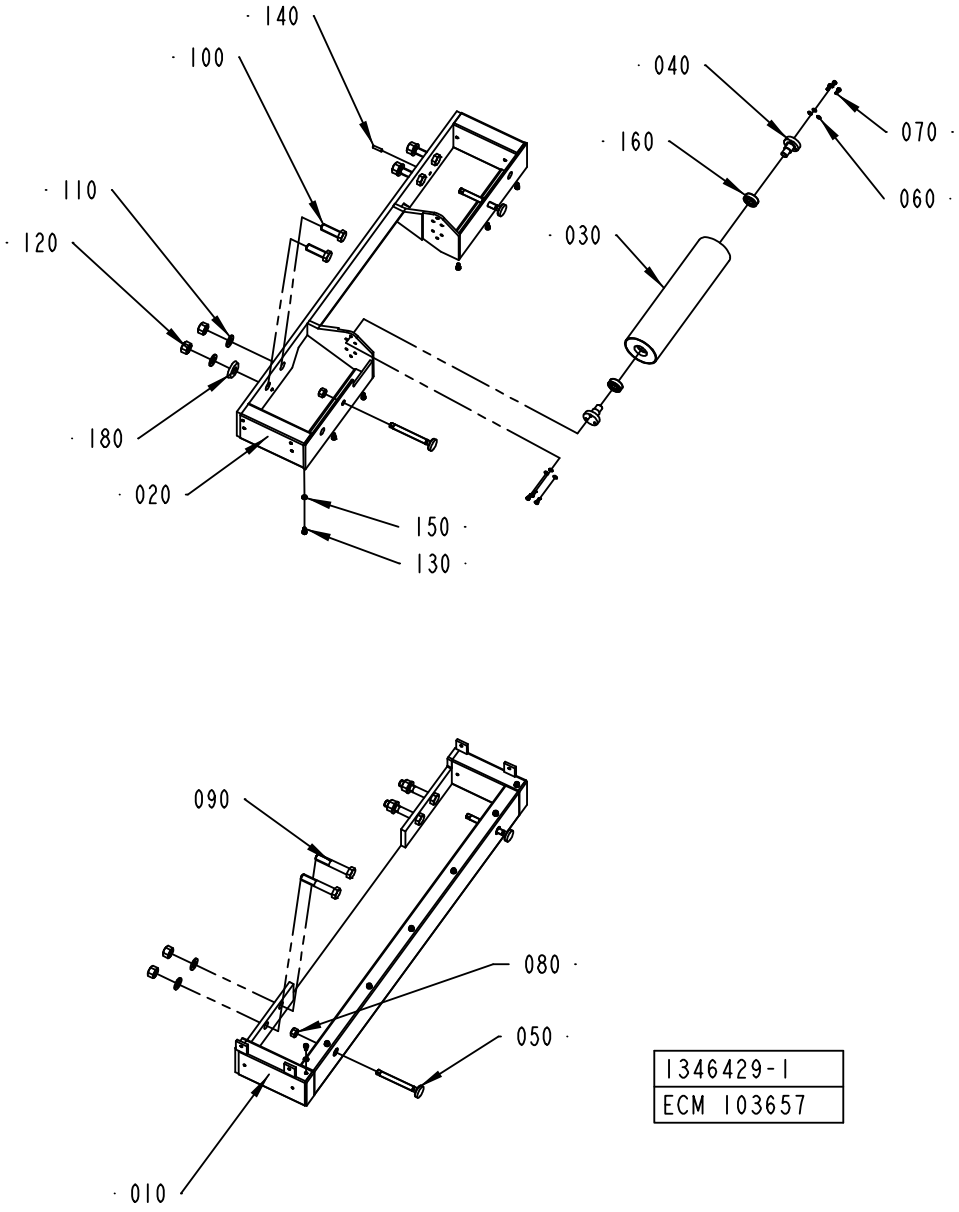
590490-4
ECM 114806

Pos	Part No	SP	UN	Qty	Description	Page No

SEE PREVIOUS LISTS PAGES: 887, 889.

Pos	Part No	SP	UN	Qty	Description	Page No



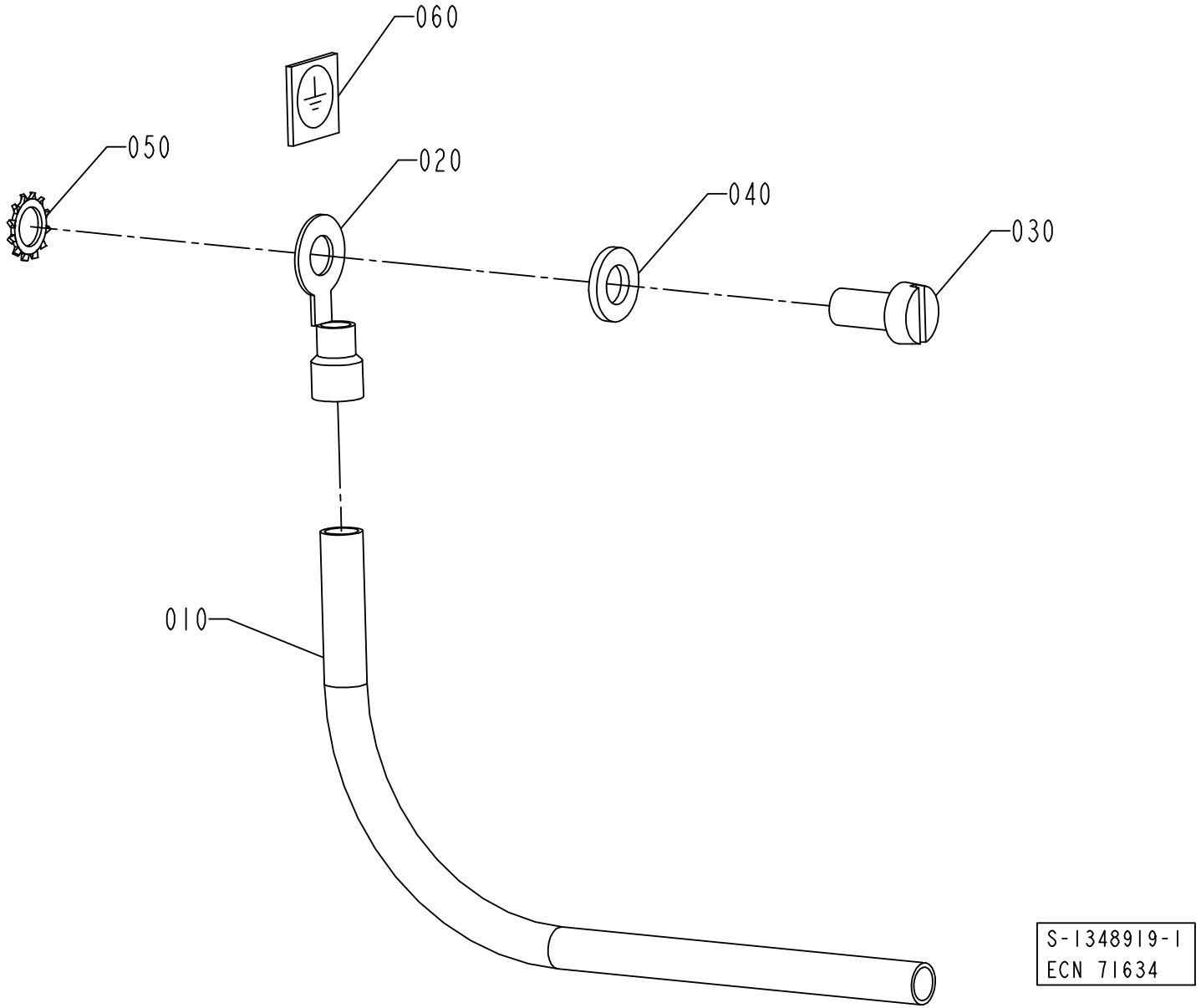
1346429-1
ECM 103657

ECM: 109153 - 20021126
Group number: 1346429-0100
Assembly Drawing: 1346429-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346421-0000	-		1	FRAME	
020	1346418-0000	-		1	FRAME	
030	1035882-0000	A		1	BENDING ROLLER	
040	1346401-0000	-		2	HOLDER	
050	1346399-0000	-		4	DISTANCE	
060	315105-0146	-		6	BRICKA BRB5,3X10RFR	
070	312105-0327	-		6	SCREW M6S ISO 4017 M5X12 A480	
080	312605-0322	-		4	HEXAGON NUT, M6M M12 A280	
090	312105-0638	-		4	SCREW M6S ISO 4014 M16X90 A480	
100	312105-0630	-		4	SCREW M6S ISO 4017 M16X50 A480	
110	315105-0186	-		8	WASHER BRB17X30RFR	
120	312605-0324	-		8	HEXAGON NUT, M6M M16 A280	
130	312115-0362	-		13	SCREW ISO4762 M6X8 A4	
140	311103-0355	-		2	PARALLELL PIN, M6, 6X25 MM	
150	315105-0153	-		13	WASHER BRB6,4X12RFR	
160	321313-0102	A		2	BALL BEARING, 15X35X11 MM	
180	1548199-0000	-		1	WASHER	

Pos	Part No	SP	UN	Qty	Description	Page No

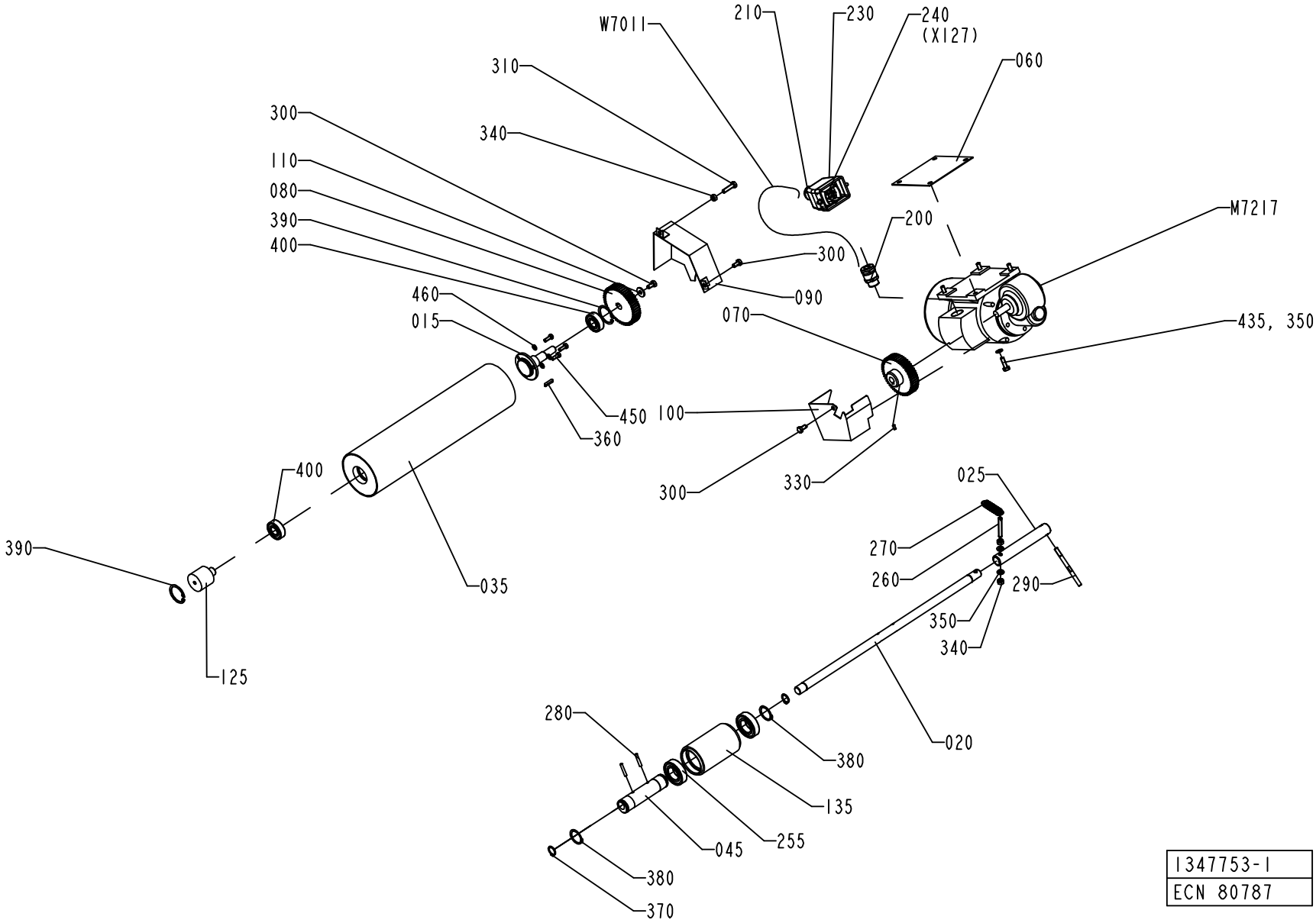
ELECTRICAL CONNECTION



ECM: 71634 - 19990112
Group number: 1348919-0100
Assembly Drawing: 1348919-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	351175-0107	-	M	5	CABLE AWM 1X6 MM2 YELLOW-GREEN	
020	353101-0153	-		2	CABLE SHOE 4-6MM2 YELLOW	
030	312125-0366	-		2	SCREW PAN HEAD MCS M6X12 SS	
040	315105-0153	-		2	WASHER BRB6,4X12RFR	
050	90062-0022	-		2	LOCKING WASHER D=6,4/11	
060	90194-0152	-		2	SIGN, EARTH	

Pos	Part No	SP	UN	Qty	Description	Page No

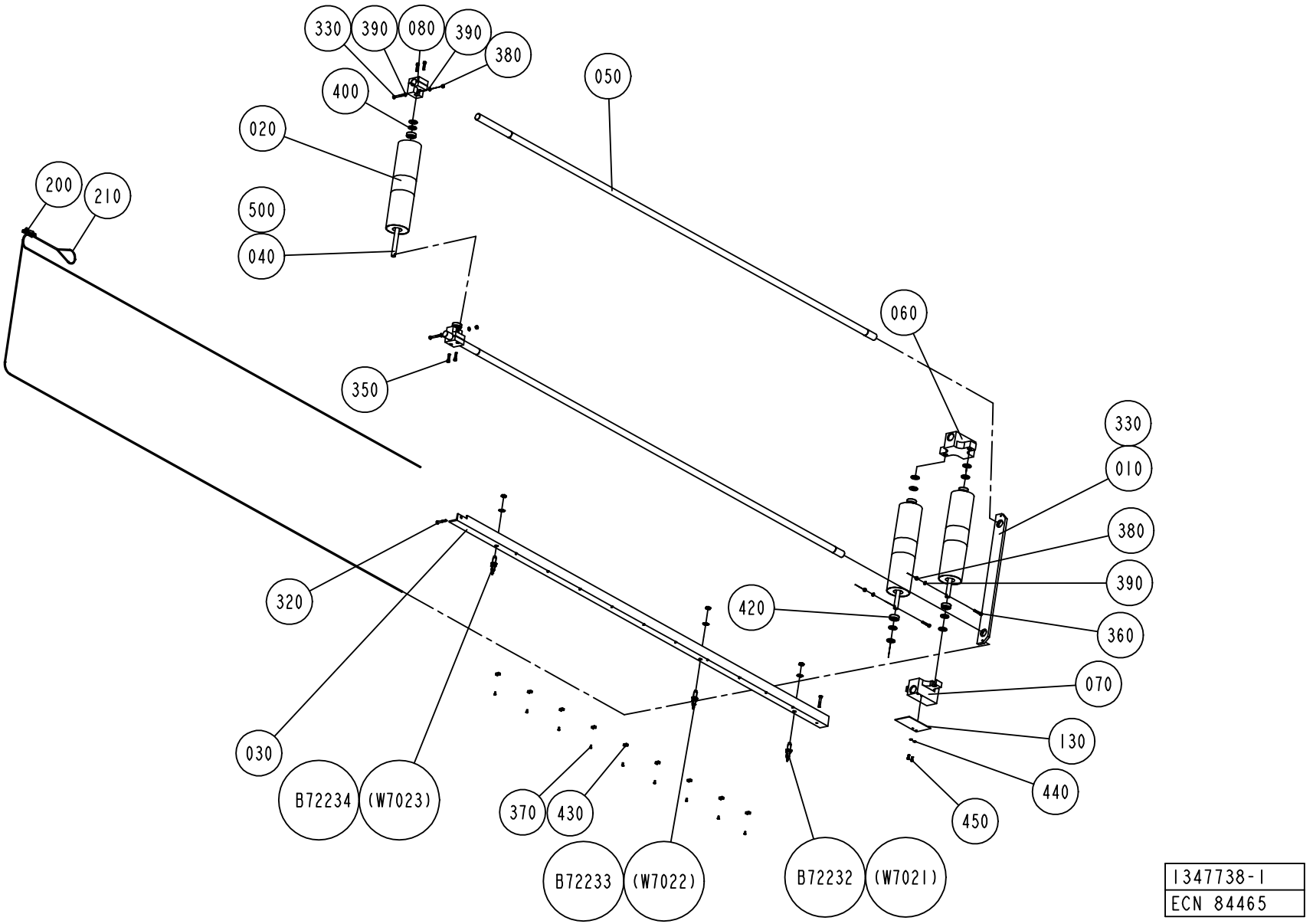


1347753-1
ECN 80787

ECM: 82818 - 20001107
Group number: 1347753-0100
Assembly Drawing: 1347753-1_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
ASU						
W7011	90220-0104	-	M	7	SCR. CABLE 4X1,5MM2	
ASUSEPROOM						
W7011	90220-0104	-	M	12	SCR. CABLE 4X1,5MM2	
Common Parts						
015	1519767-0000	D		1	SHAFT	
020	1523042-0000	D		1	SHAFT	
025	1523043-0000	-		1	SHAFT	
035	1519766-0000	C		1	BENDING ROLLER	
045	1512267-0000	-		1	ECCENTRIC BUSHING	
060	1036390-0000	C		1	SHIM	
070	1037052-0000	C		1	GEAR WHEEL	
080	1037053-0000	C		1	GEAR WHEEL	
090	1255513-0000	-		1	COVER	
100	1347755-0000	-		1	COVER	
110	6278-0000	C		1	WASHER	
125	1487766-0000	-		1	AXLE PIN	
135	906254-0000	C		1	ROLLER	
200	90012-0137	-		1	GLAND, EXTENDED WITH INSERT, PG11	
210	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
230	90110-0157	C		1	CABLE HOOD 6-POL 70.352.0628.1	
240	90110-0159	C		1	MALE INSERT 70.310.0640.0	
255	321308-0205	-		2	BALL BEARING, 25X47X12MM	
260	1523149-0000	D		1	SPRING BRACKET	
270	90335-0091	C		1	TENSION SPRING 41890, 1,2X13X48,2	
280	311112-0258	-		2	SPRING PIN, ISO 8752 4X24-C	
290	1317021-0000	-		1	PIN	
300	312105-0366	-		3	SCREW M6S M6X12 A280	
310	312105-0372	-		1	SCREW M6S ISO 4017 M6X25 A480	
330	312318-0287	-		1	SCREW ISO4029 M4X8 A4	
340	312605-0316	-		3	HEXAGON NUT, M6M M6 A280	
350	315105-0153	-		6	WASHER BRB6,4X12RFR	
360	315701-0170	-		1	PARALLEL KEY W. ROUND ENDS 4X4X20 MM	
370	315751-0112	-		2	RETAIN. RING, 15	
380	315751-0119	-		2	RETAIN. RING, 25	
390	315753-0124	-		2	RETAIN. RING, 35	
400	321313-0102	C		2	BALL BEARING, 15X35X11 MM	
420	359005-0010	-		1	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
430	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	
435	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
450	312105-0328	-		3	SCREW M6S ISO 4017 M5X14 A480	
460	315105-0146	-		3	BRICKA BRB5,3X10RFR	
M7217	90069-0606	C		1	GEARS, WORM MOTOR ODM90-60KE3	

Machine Type | Group Description | Used-In | Group Number | Page No

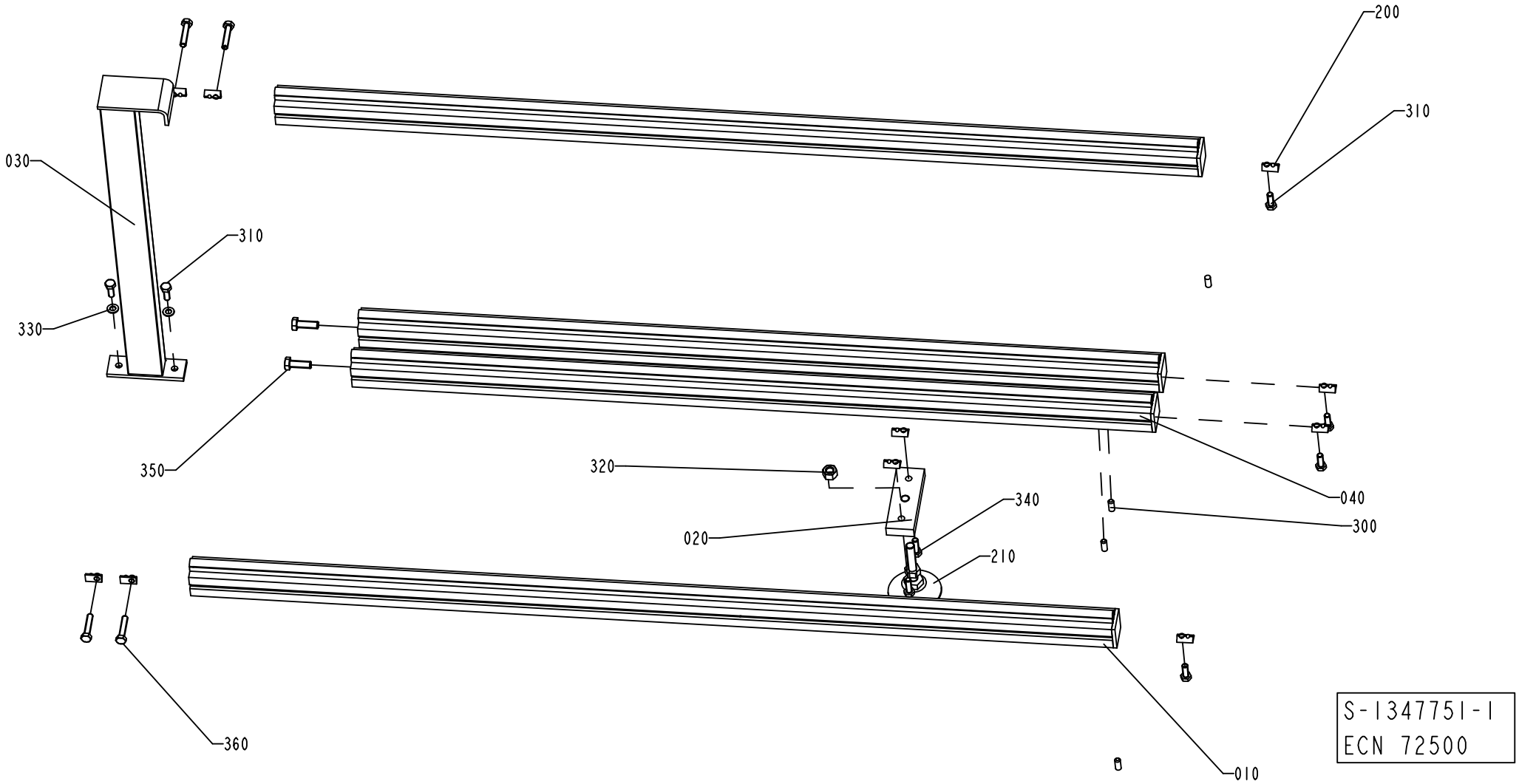


1347738-1
ECN 84465

ECM: 90448 - 20010924
Group number: 1347738-0100
Assembly Drawing: 1347738-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036300-0000	-		1	PLATE	
020	1041170-0000	A		3	DANCER ROLLER	
030	1105673-0000	-		1	ANGLE BRACKET	
040	1285221-0000	-		3	SHAFT	
050	1346633-0000	-		2	GUIDE ROD	
060	1347743-0000	-		1	SLIDER	
070	1347744-0000	-		1	SLIDER	
080	1347754-0000	-		2	SLIDER	
130	1499595-0000	-		1	PLATE	
200	90211-0002	-		1	WIRE LOCK, 5 MM	
210	90319-0013	-	MM	6200	ROPE 4MM BLUE 3700N	
220	90335-0013	-		1	SPRING	
330	312105-0379	-		2	SCREW M6S ISO 4014 M6X45 A480	
350	312115-0372	-		4	SCREW ISO4762 M6X25 A4	
360	312115-0376	-		2	SCREW ISO4762 M6X35 A4	
370	312125-0287	-		9	SCREW PAN HEAD MCS M4X8 SS	
380	312601-0316	-		2	NUT M6M 6-8 FZB	
390	315105-0153	-		6	WASHER BRB6,4X12RFR	
400	315105-0186	-		12	WASHER BRB17X30RFR	
420	321313-0102	A		6	BALL BEARING, 15X35X11 MM	
430	352113-0205	-		430	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
440	315105-0146	-		2	BRICKA BRB5,3X10RFR	
450	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
B72232	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B72233	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B72234	90458-0672	A		1	PROXIMITY SENSOR E2E2-X5MB1-5M	

Pos	Part No	SP	UN	Qty	Description	Page No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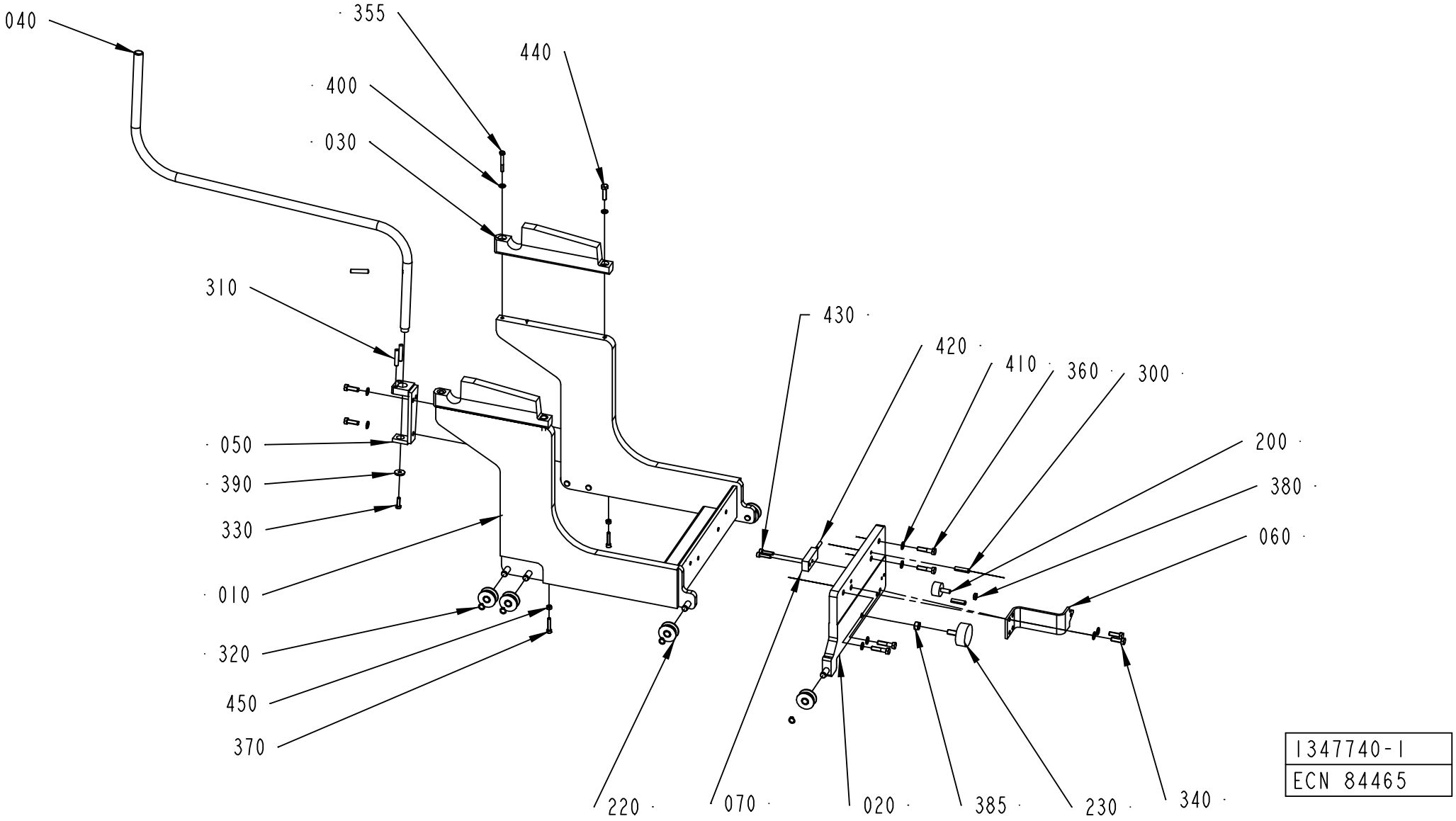
S-1347751-1
ECN 72500

ECM: 72500 - 19991021
Group number: 1347751-0100
Assembly Drawing: 1347751-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036134-0000	-		2	GUIDE	
020	1129423-0000	-		1	HOLDER	
030	1129768-0000	-		1	POST	
040	1347739-0000	-		2	GUIDE	
200	90099-0130	-		10	NUT GROOVE, WITH LOCK BALL, M8 FE	
210	90347-0152	-		1	FLOOR PLATE, NO. 265.67	
300	311103-0401	-		4	PARALLEL PIN ISO 2338 8M6X20 A1	
310	312105-0452	-		14	SCREW M6S ISO 4017 M8X22 A480	
320	312605-0322	-		1	HEXAGON NUT, M6M M12 A280	
330	315105-0165	-		2	WASHER BRB8,4X16RFR	
340	312105-0453	-		2	SCREW M6S ISO 4017 M8X25 A480	
350	312105-0495	-		2	SCREW M6S ISO 4017 M10X30 A480	
360	312109-0459	-		4	SCREW M6S ISO 4017 M8X40 A480	

Pos	Part No	SP	UN	Qty	Description	Page No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430
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380
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330
010
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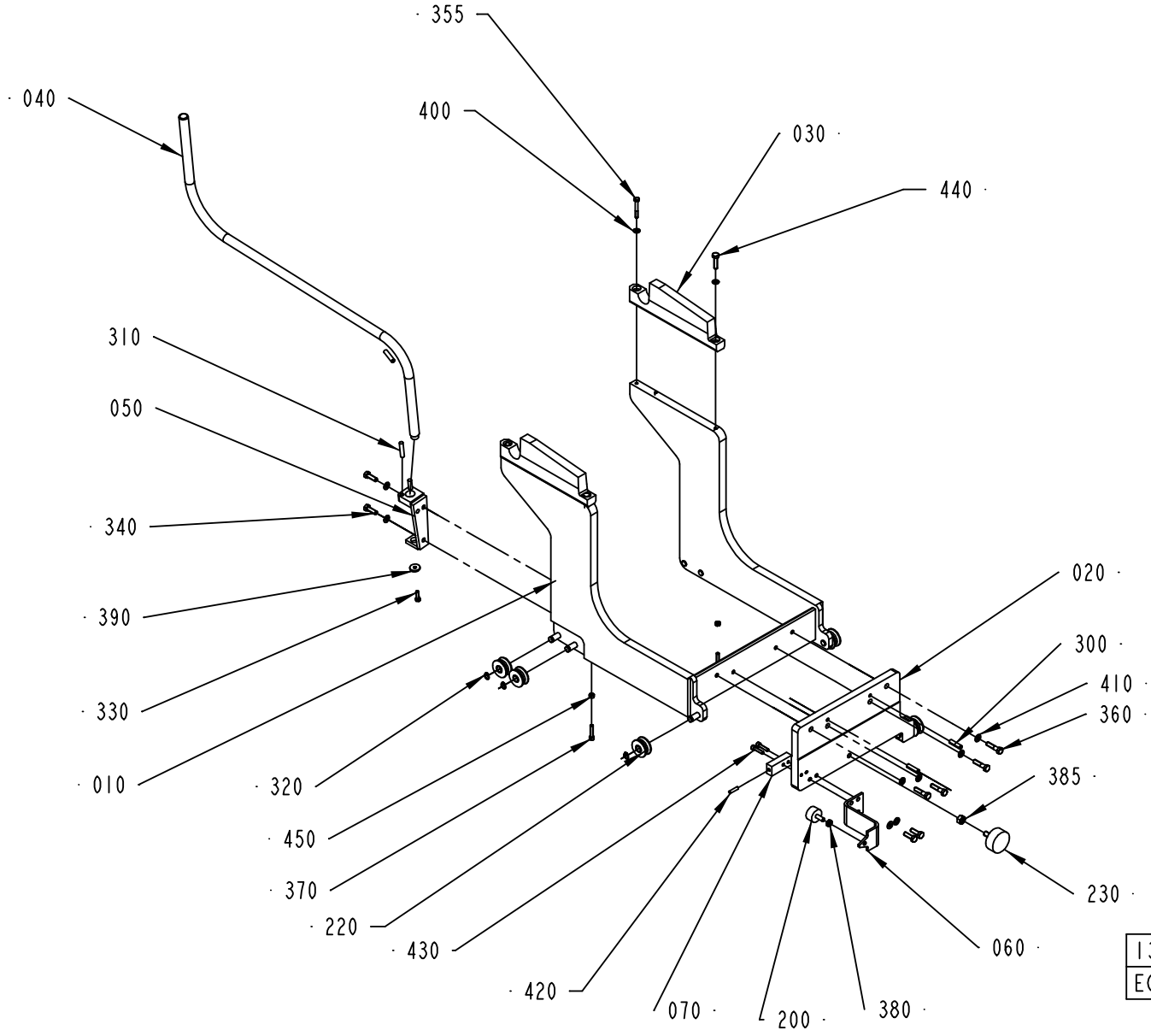
370
220
070
020
385
230
340
1347740-1
ECN 84465

ECM: 90538 - 20010924
Group number: 1347740-0100
Assembly Drawing: 1347740-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1347741-0000	-		1	FRAME	
020	1347748-0000	-		1	FRAME LOWER	
030	1040885-0000	-		2	BEARING BLOCK	
040	1347742-0000	-		1	HANDLE	
050	1140027-0000	-		1	HANDLE BRACKET	
060	1478719-0000	-		1	BRACKET	
070	1478738-0000	-		1	BLOCK	
200	90347-0004	A		1	VIBRATION DAMPER D=30 TH=M8 H=17 H2=21MM	
220	90191-0074	A		7	IDLER ROLLER, NO. 294.52	
230	90458-0377	A		1	VIBRATION DAMPER, NO. 781093	
300	311112-0381	-		2	SPRING PIN, ISO 8752 8X32-C	
310	311103-0409	-		3	PARALLEL PIN ISO 2338 8M6X40 A1	
320	315751-0108	-		7	RETAIN. RING, 11	
330	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
340	312105-0453	-		4	SCREW M6S ISO 4017 M8X25 A480	
355	312105-0379	-		2	SCREW M6S ISO 4014 M6X45 A480	
360	312105-0457	-		4	SCREW M6S ISO 4014 M8X35 A480	
370	312115-0374	-		2	SCREW ISO4762 M6X30 A4	
380	312625-0318	-		1	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
385	312605-0320	-		1	HEXAGON NUT, M6M M10 A280	
390	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
400	315105-0156	-		4	WASHER BRB 6.7X14 RFR	
410	315105-0165	-		8	WASHER BRB8,4X16RFR	
420	311103-0355	-		1	PARALLELL PIN, M6, 6X25 MM	
430	312115-0372	-		2	SCREW ISO4762 M6X25 A4	
440	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
450	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	

Pos	Part No	SP	UN	Qty	Description	Page No


355
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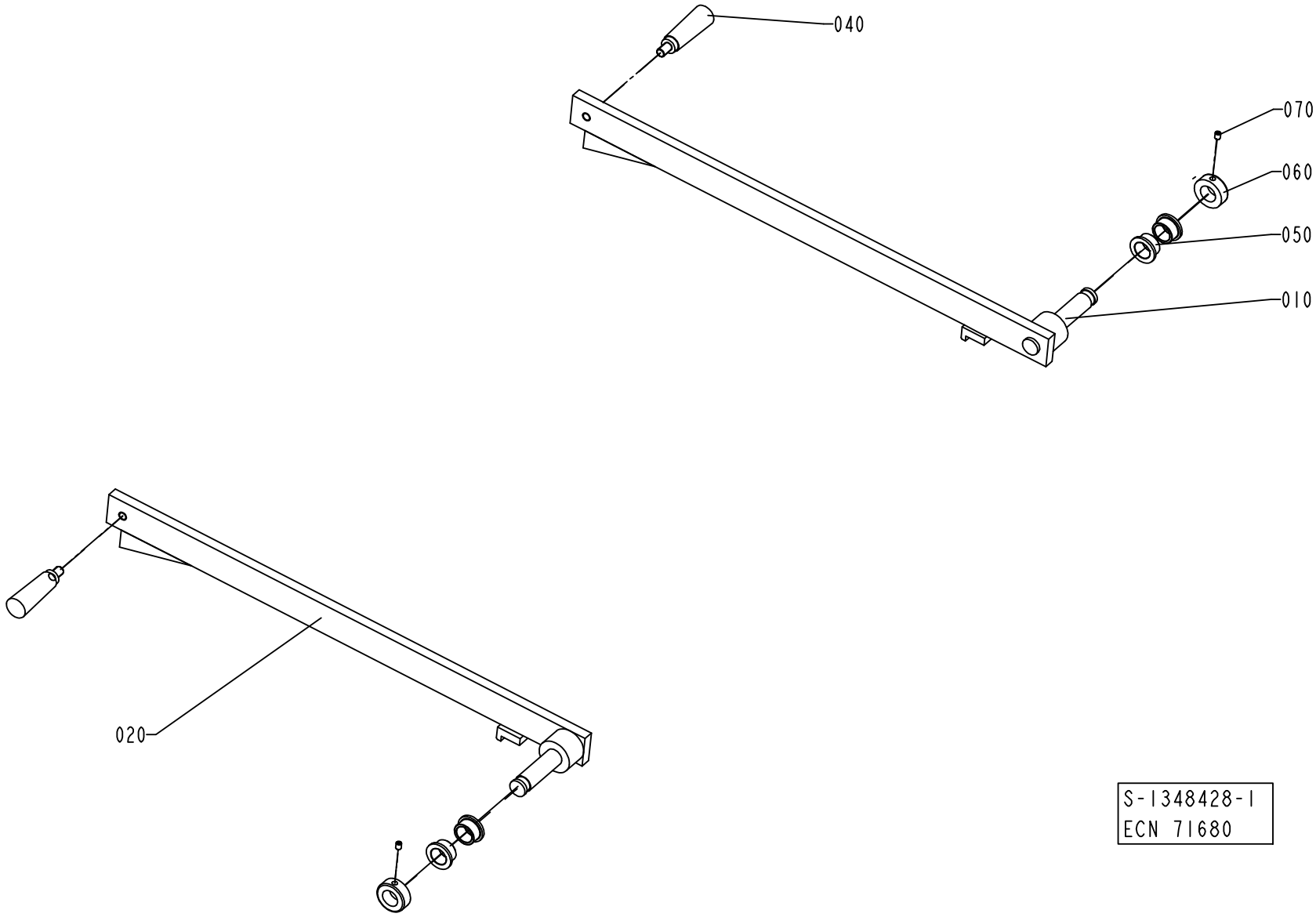
1347749-1
ECN 84465

ECM: 90539 - 20010924
Group number: 1347749-0100
Assembly Drawing: 1347749-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1347741-0000	-		1	FRAME	
020	1347748-0000	-		1	FRAME LOWER	
030	1040885-0000	-		2	BEARING BLOCK	
040	1347742-0000	-		1	HANDLE	
050	1140027-0000	-		1	HANDLE BRACKET	
060	1478719-0000	-		1	BRACKET	
070	1478738-0000	-		1	BLOCK	
200	90347-0004	A		1	VIBRATION DAMPER D=30 TH=M8 H=17 H2=21MM	
220	90191-0074	A		7	IDLER ROLLER, NO. 294.52	
230	90458-0377	A		1	VIBRATION DAMPER, NO. 781093	
300	311112-0381	-		2	SPRING PIN, ISO 8752 8X32-C	
310	311103-0409	-		3	PARALLEL PIN ISO 2338 8M6X40 A1	
320	315751-0108	-		7	RETAIN. RING, 11	
330	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
340	312105-0453	-		4	SCREW M6S ISO 4017 M8X25 A480	
355	312105-0379	-		2	SCREW M6S ISO 4014 M6X45 A480	
360	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
370	312115-0374	-		2	SCREW ISO4762 M6X30 A4	
380	312625-0318	-		1	HEXAGON THIN NUT, EN 24035 ML6M M8 A4	
385	312605-0320	-		1	HEXAGON NUT, M6M M10 A280	
390	315125-0153	-		1	WASHER TBRSB 6,4X22X4 A4	
400	315105-0156	-		6	WASHER BRB 6.7X14 RFR	
410	315105-0165	-		8	WASHER BRB8,4X16RFR	
420	311103-0355	-		1	PARALLELL PIN, M6, 6X25 MM	
430	312115-0372	-		2	SCREW ISO4762 M6X25 A4	
440	312105-0455	-		2	SCREW M6S ISO 4017 M8X30 A480	
450	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

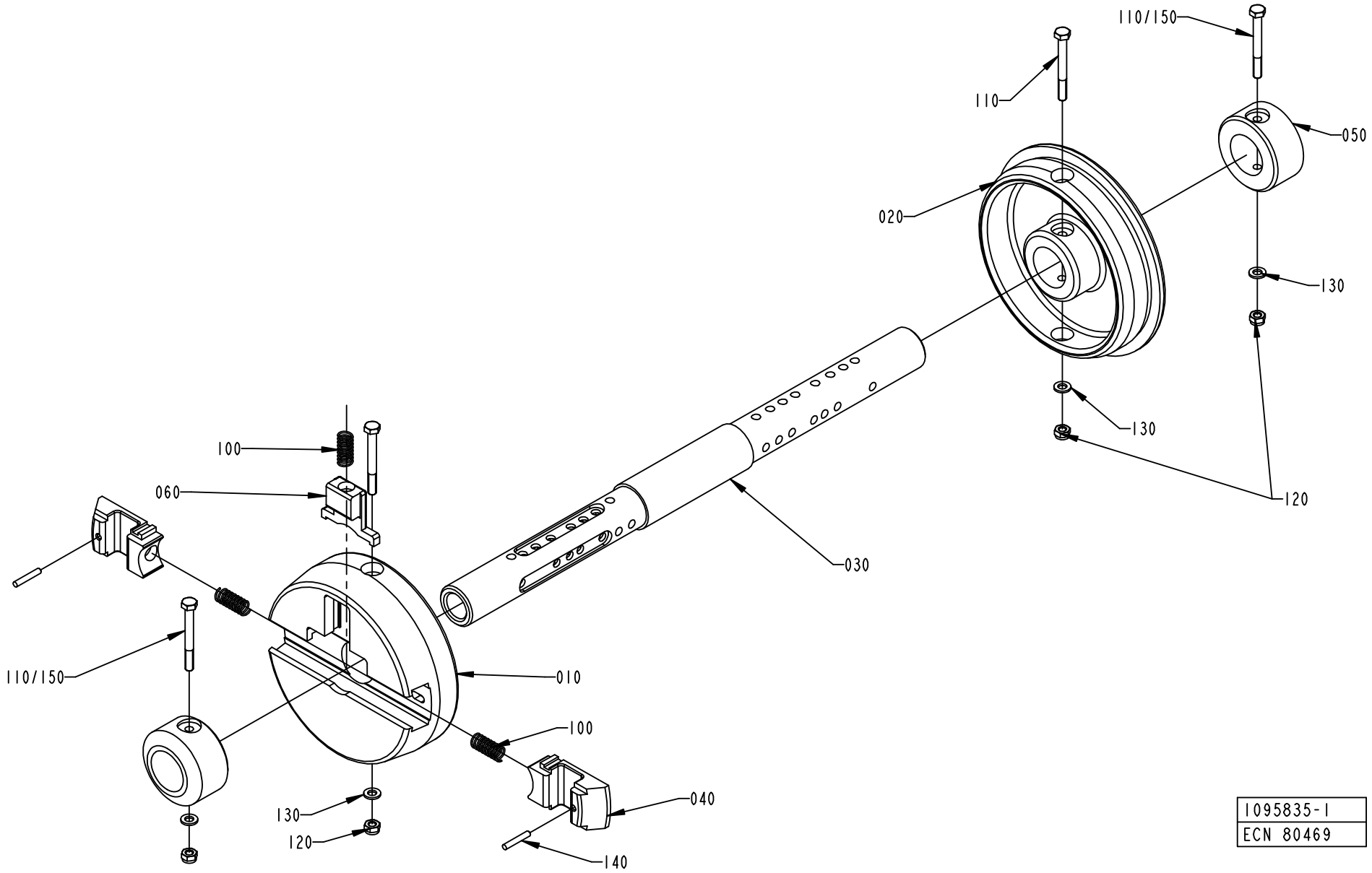


S-1348428-1
ECN 71680

ECM: 71680 - 19990504
Group number: 1348428-0100
Assembly Drawing: 1348428-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1348430-0000	-		1	LOCKING ARM	
020	1348429-0000	-		1	LOCKING ARM	
040	90051-0065	-		2	HANDLE, THREADED TAP. NO. 8305-2151	
050	321111-0302	-		4	FLANGE BUSHING, 20X26X15 MM	
060	315742-0116	-		2	COLLAR, 20/36, H=13	
070	312318-0362	-		4	SCREW ISO4029 M6X8 A4	

Pos	Part No	SP	UN	Qty	Description	Page No


110/150
110
050
020
130
130
120
100
060
030
110/150
010
100
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130
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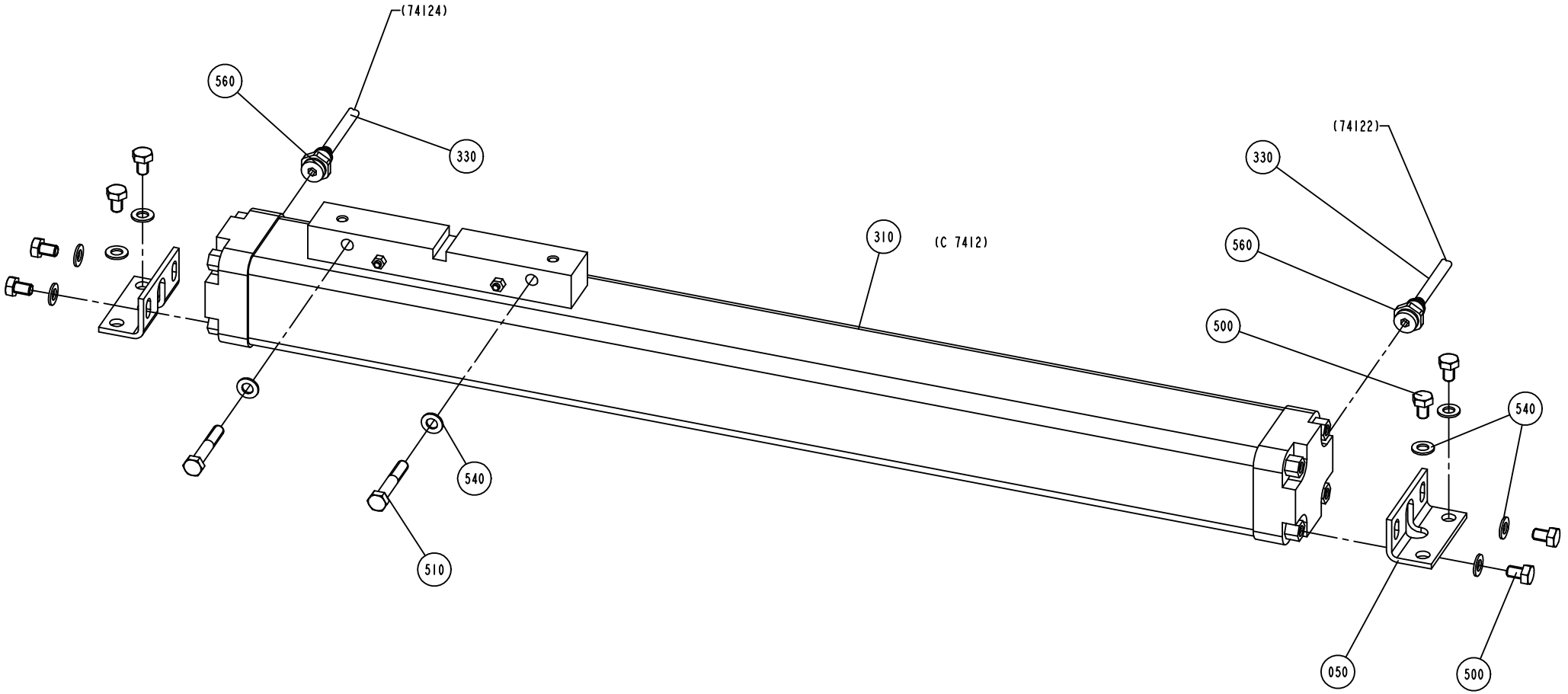
1095835-1
ECN 80469

ECM: 118944 - 20021217
Group number: 1095835-0100
Assembly Drawing: 1095835-1_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500B, TBA 1000B, TBA 1500S						
010	272814-0000	A		1	SLEEVE	
020	272815-0001	A		1	SLEEVE	
040	575002-0000	A		2	PLUNGER	
110	312101-0381	-		2	SCREW M6S M6X55 FZB	
120	312812-0316	-		2	HEXAGON NUT, NY-LOCK M6 A480	
130	315101-0153	-		2	WASHER PLAIN, BRB, 6,4/12 H=1,5	
TBA 0500S, TBA 0330S, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ						
010	272814-0000	A		1	SLEEVE	
020	272815-0001	A		1	SLEEVE	
040	575002-0000	A		2	PLUNGER	
050	440259-0000	-		2	RETAINING RING	
110	312101-0381	-		4	SCREW M6S M6X55 FZB	
120	312812-0316	-		4	HEXAGON NUT, NY-LOCK M6 A480	
130	315101-0153	-		4	WASHER PLAIN, BRB, 6,4/12 H=1,5	
TPA 1000S, TPA 1000SQ						
010	272814-0000	A		1	SLEEVE	
020	272815-0001	A		1	SLEEVE	
040	575002-0000	A		2	PLUNGER	
050	544277-0000	-		2	RETAINING RING	
110	312101-0381	-		2	SCREW M6S M6X55 FZB	
120	312812-0316	-		2	HEXAGON NUT, NY-LOCK M6 A480	
130	315101-0153	-		2	WASHER PLAIN, BRB, 6,4/12 H=1,5	
150	311112-0350	-		2	SPRING PIN, ISO 8752 6X55-C	
TBA 1000S						
010	569944-0000	A		1	SLEEVE	
020	569945-0000	A		1	SLEEVE	
040	575003-0000	A		2	PLUNGER	
110	312101-0381	-		2	SCREW M6S M6X55 FZB	
120	312812-0316	-		2	HEXAGON NUT, NY-LOCK M6 A480	
130	315101-0153	-		2	WASHER PLAIN, BRB, 6,4/12 H=1,5	
TBA 1000SQ						
010	272814-0000	A		1	SLEEVE	
020	272815-0001	A		1	SLEEVE	
040	575002-0000	A		2	PLUNGER	
050	574051-0000	-		2	RETAINING RING	
110	312101-0381	-		2	SCREW M6S M6X55 FZB	
120	312812-0316	-		2	HEXAGON NUT, NY-LOCK M6 A480	
130	315101-0153	-		2	WASHER PLAIN, BRB, 6,4/12 H=1,5	
150	311112-0350	-		2	SPRING PIN, ISO 8752 6X55-C	
Common Parts						
030	1538597-0000	-		1	SHAFT	
060	272728-0000	-		1	BARRIER	
100	90335-0025	A		3	COMP. SPRING 22010, 1X11X26	
140	311103-0274	-		2	PARALLELL PIN, M6, 4X25 MM	

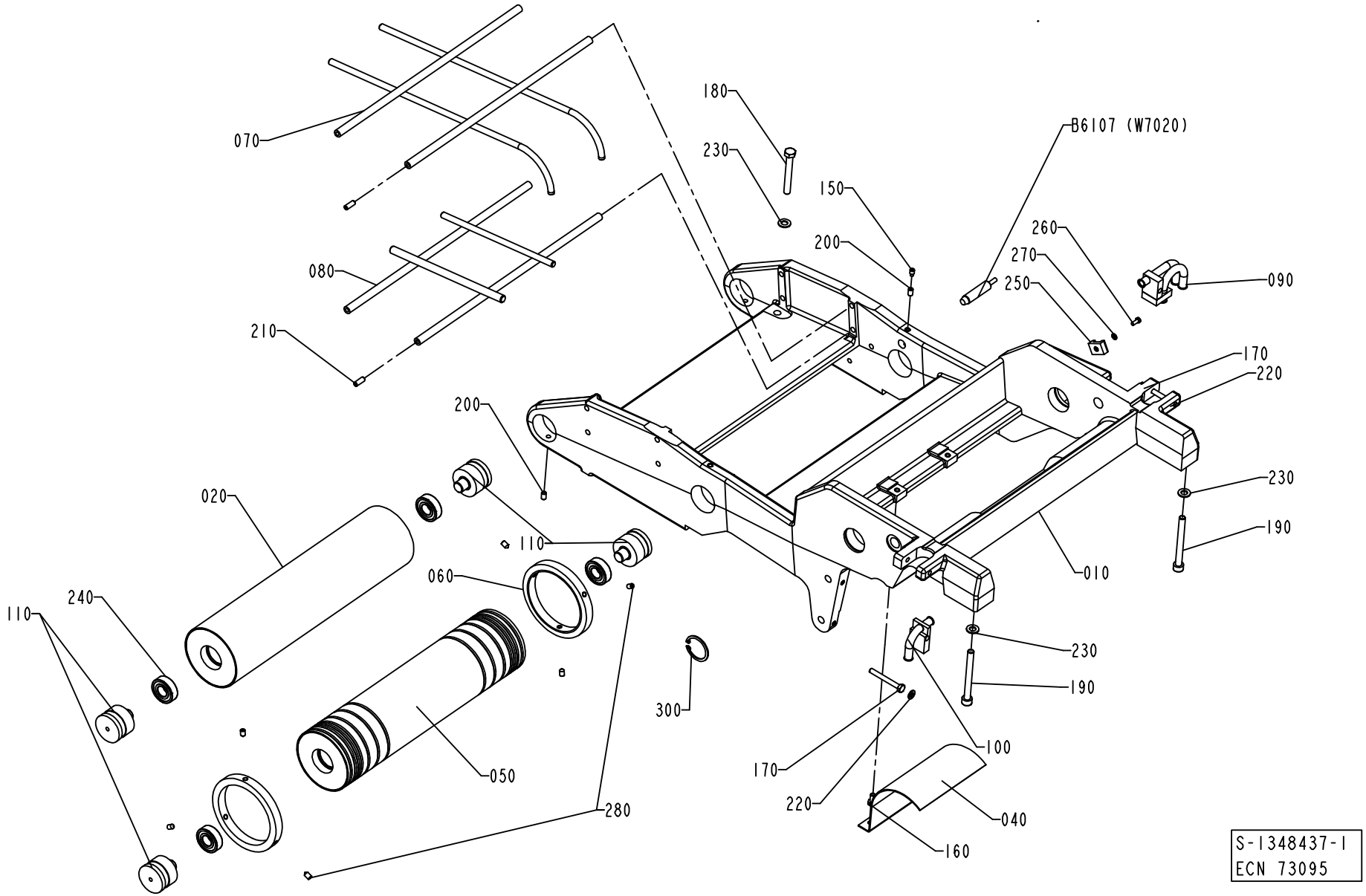


S-1095770-2
ECN 71019

ECM: 72500 - 19991021
Group number: 1095770-0200
Assembly Drawing: 1095770-2_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
050	1116017-0000	-		2	BRACKET	
310	90450-0222	C		1	DOUBLE ACTING,SHUTTLE,CYL 50-488	
330	90166-0194	-	M	6	TUBE 8 MM PUR BLUE	
500	312105-0447	-		8	SCREW M6S ISO 4017 M8X12 A480	
510	312105-0461	-		2	SCREW M6S ISO 4014 M8X50 A480	
540	315105-0165	-		10	WASHER BRB8,4X16RFR	
560	342722-0206	-		2	STRAIGHT COUPLING D=8-G3/8"	

Pos	Part No	SP	UN	Qty	Description	Page No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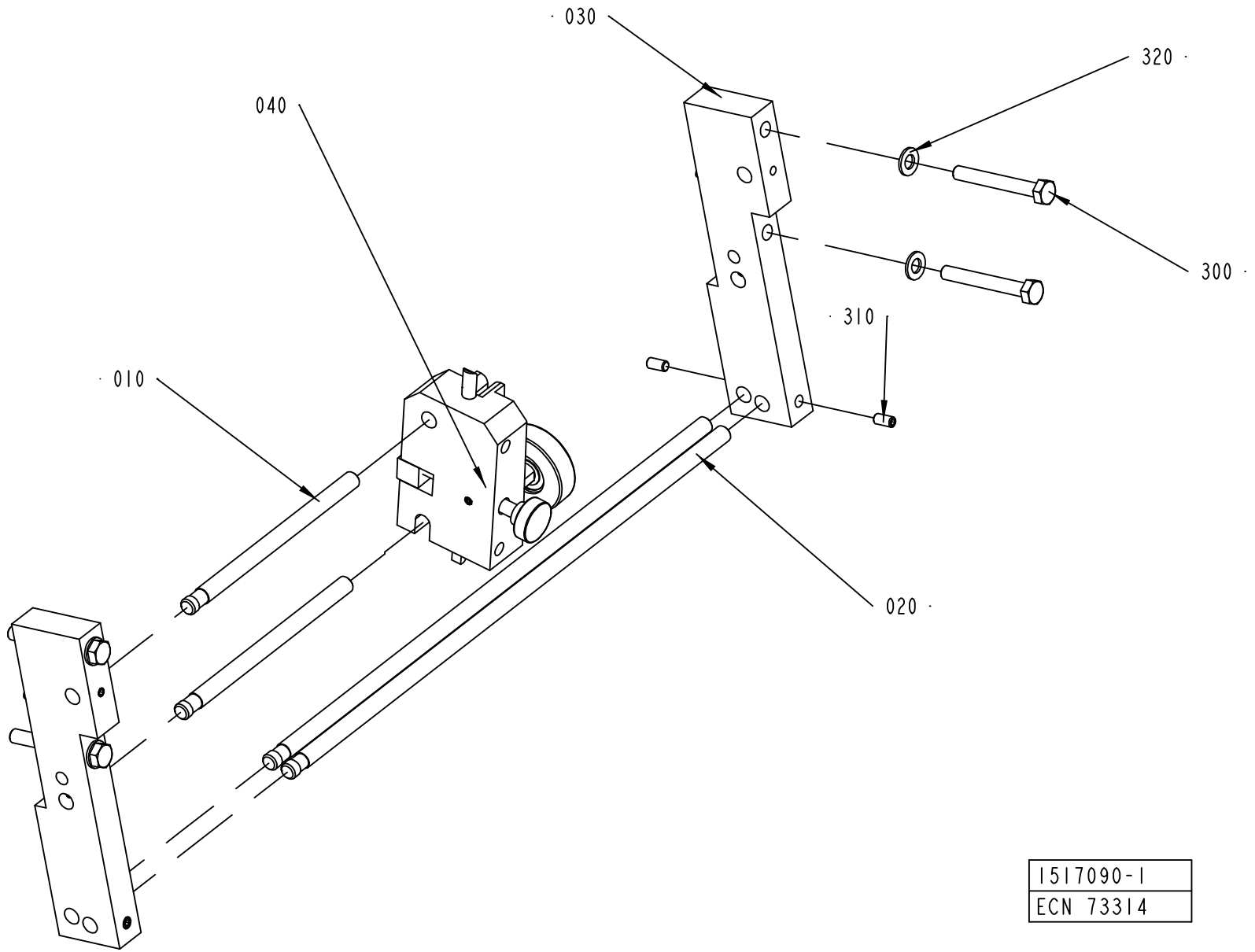
280
S-1348437-1
ECN 73095

ECM: 138264 - 20030701
Group number: 1348437-0100
Assembly Drawing: 1348437-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 0330S, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 1000S, TBA 1500S, TPA 0250SQ, TPA 0330SQ, TPA 0500SQ						
050	1348897-0000	A		1	BENDING ROLLER	
TPA 1000SQ						
050	1519954-0000	A		1	BENDING ROLLER	
Common Parts						
010	1347752-0000	-		1	BRACKET	
020	1035882-0000	A		1	BENDING ROLLER	
040	1041237-0000	-		1	LEAD PLATE	
060	1499567-0000	-		2	FLANGE	
070	1255508-0000	-		1	GUIDE	
080	1255509-0000	-		1	GUIDE	
090	1255511-0000	-		1	ROPE BRACKET	
100	1255512-0000	-		1	ROPE BRACKET	
110	1036429-0000	A		4	AXLE PIN	
150	90287-0154	-		1	SCREW, SOCK.SET DOGPOINT M6X10	
160	312105-0366	-		2	SCREW M6S M6X12 A280	
170	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
180	312105-0464	-		2	SCREW M6S ISO 4014 M8X65 A480	
190	312115-0467	-		2	SCREW ISO4762 M8X80 A4	
200	312318-0364	-		4	SCREW ISO4029 M6X10 A4	
210	312318-0368	-		8	SCREW ISO4029 M6X16 A4	
220	315105-0153	-		2	WASHER BRB6,4X12RFR	
230	315105-0165	-		4	WASHER BRB8,4X16RFR	
240	321313-0102	A		4	BALL BEARING, 15X35X11 MM	
250	352113-0204	-		1	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
260	312125-0289	-		1	SPåRSKRUV MCS 4X10 A480	
270	315105-0136	-		1	WASHER BRB4,3XRFR	
280	90287-0348	-		6	STOP SCREW	
300	315753-0124	-		1	RETAIN. RING, 35	
B6107	90044-0124	A		1	PROX.SW. 922AB2XM-A9P-050-LZ-876	

Pos	Part No	SP	UN	Qty	Description	Page No

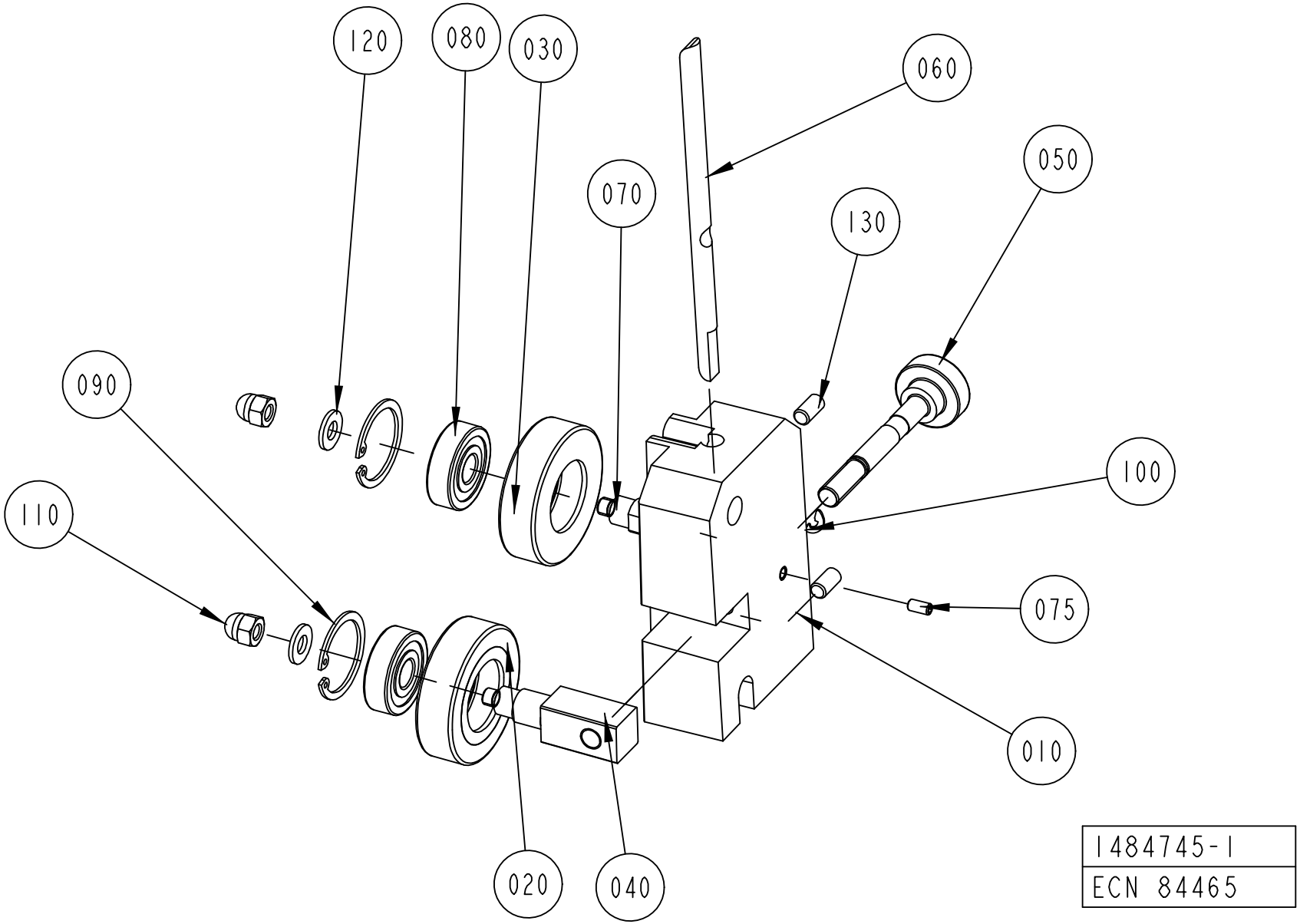


1517090-1
ECN 73314

ECM: 73314 - 20000307
Group number: 1517090-0100
Assembly Drawing: 1517090-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
040	1484745-0100	-		1	WEB GUIDE	**923**
Common Parts						
010	1037546-0000	-		2	SHAFT	
020	1038470-0000	-		2	SHAFT	
030	1499047-0000	-		2	BRACKET	
300	312105-0463	-		4	SCREW M6S ISO 4014 M8X60 A480	
310	312318-0366	-		6	SCREW ISO4029 M6X12 A4	
320	315105-0165	-		4	WASHER BRB8,4X16RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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060
050
070
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100
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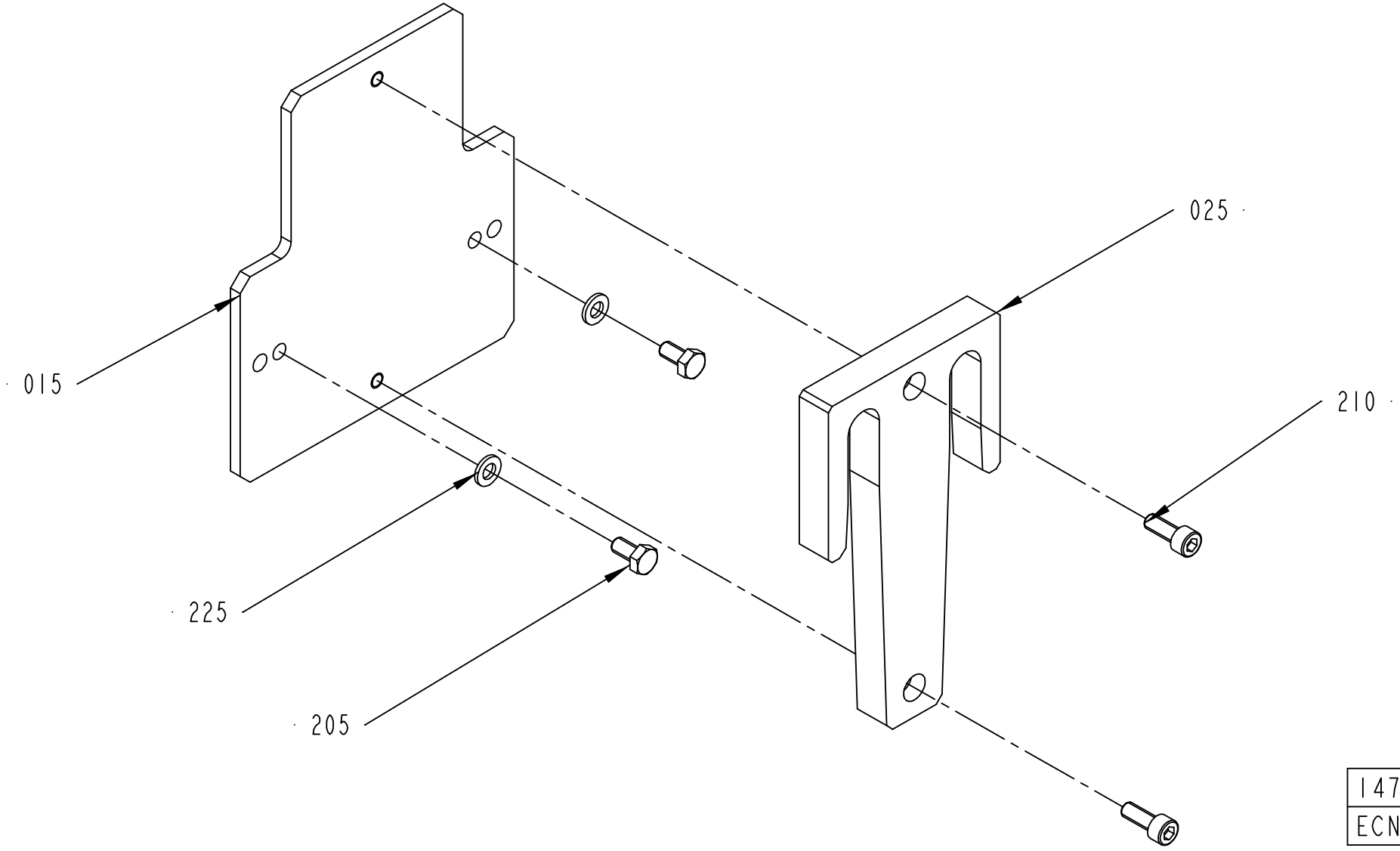
075
010
020
040
1484745-1
ECN 84465

ECM: 122812 - 20021218
Group number: 1484745-0100
Assembly Drawing: 1484745-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1484750-0000	A		1	BRACKET	
020	1036623-0000	A		1	GUIDE ROLLER	
030	1036622-0000	A		1	GUIDE ROLLER	
040	1317711-0000	A		1	SHAFT	
050	1317712-0000	A		1	SHAFT	
060	1512526-0000	A		1	STEERING	
070	583727-0000	-		1	SHAFT	
075	312318-0287	-		1	SCREW ISO4029 M4X8 A4	
080	321313-0100	A		2	BALL BEARING, 10X30X9 MM	
090	315753-0122	-		2	RETAIN. RING, 30	
100	315755-0108	-		1	LOCKING WASHER 6	
110	312705-0316	-		2	NUT HEX. DOMED CAP MHM-6 M6 A280	
120	315105-0156	-		2	WASHER BRB 6.7X14 RFR	
130	312318-0366	-		2	SCREW ISO4029 M6X12 A4	

Pos	Part No	SP	UN	Qty	Description	Page No

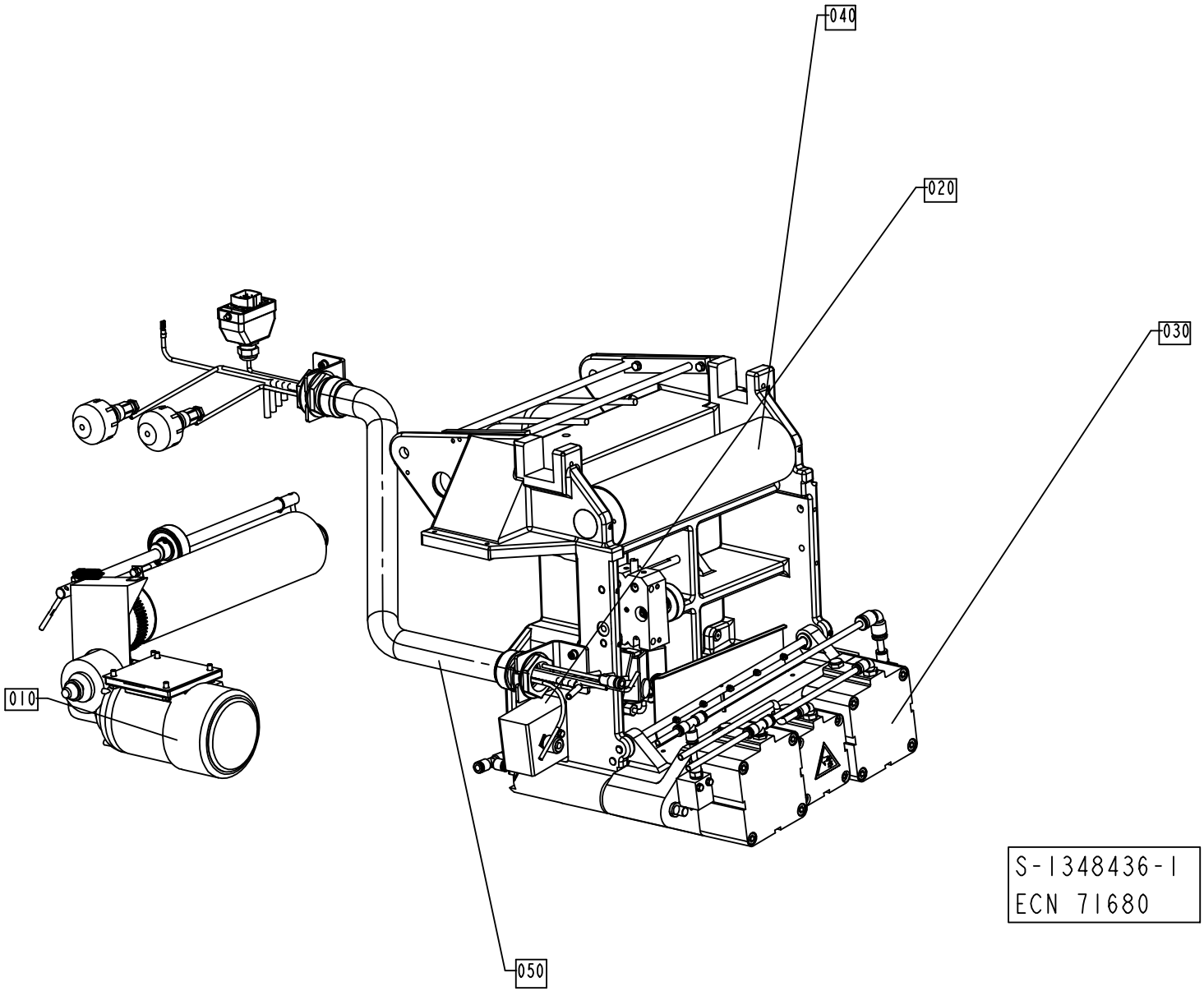


1478826-1
ECN 90194

ECM: 93128 - 20010807
Group number: 1478826-0100
Assembly Drawing: 1478826-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
015	1548522-0000	-		1	PLATE	
025	1548519-0000	-		1	GUIDE	
205	312105-0366	-		2	SCREW M6S M6X12 A280	
210	312115-0368	-		4	SCREW ISO4762 M6X16 A4	
225	315105-0153	-		2	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No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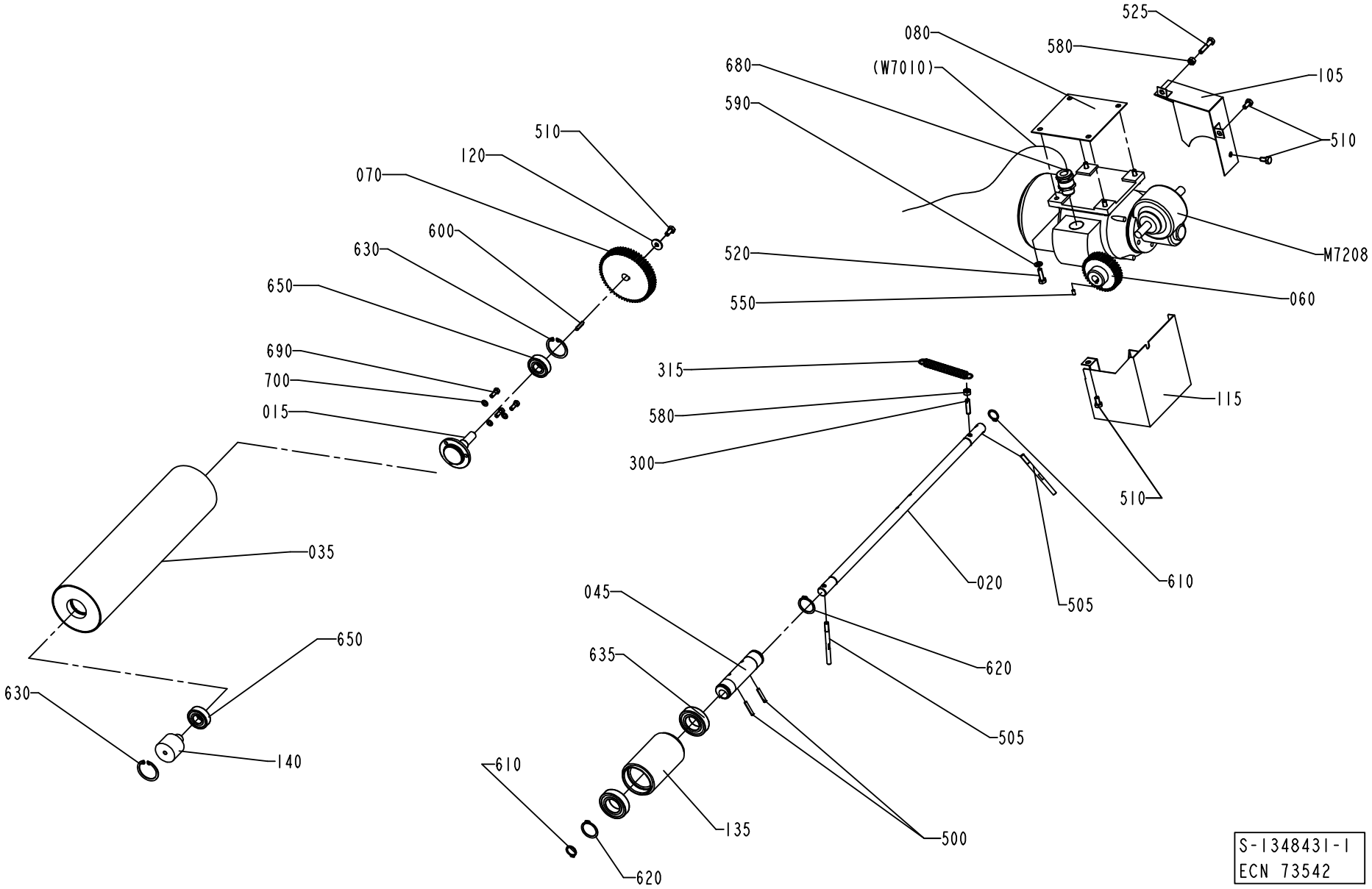
020
030
010
050
S-1348436-1
ECN 71680

ECM: 101873 - 20011101
Group number: 1348436-0100
Assembly Drawing: 1348436-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1348431-0100	-		1	DRIVE UNIT REAR	**929**
020	1095763-0100	-		1	SEALING UNIT	**931**
030	1095761-0100	-		1	PRESSURE JAW	**933**
040	1095765-0200	-		1	BRACKET	**935, 937**
050	1095766-0300	-		1	CABLE CONDUIT	**939**

Pos	Part No	SP	UN	Qty	Description	Page No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080
580
680
(W7010)
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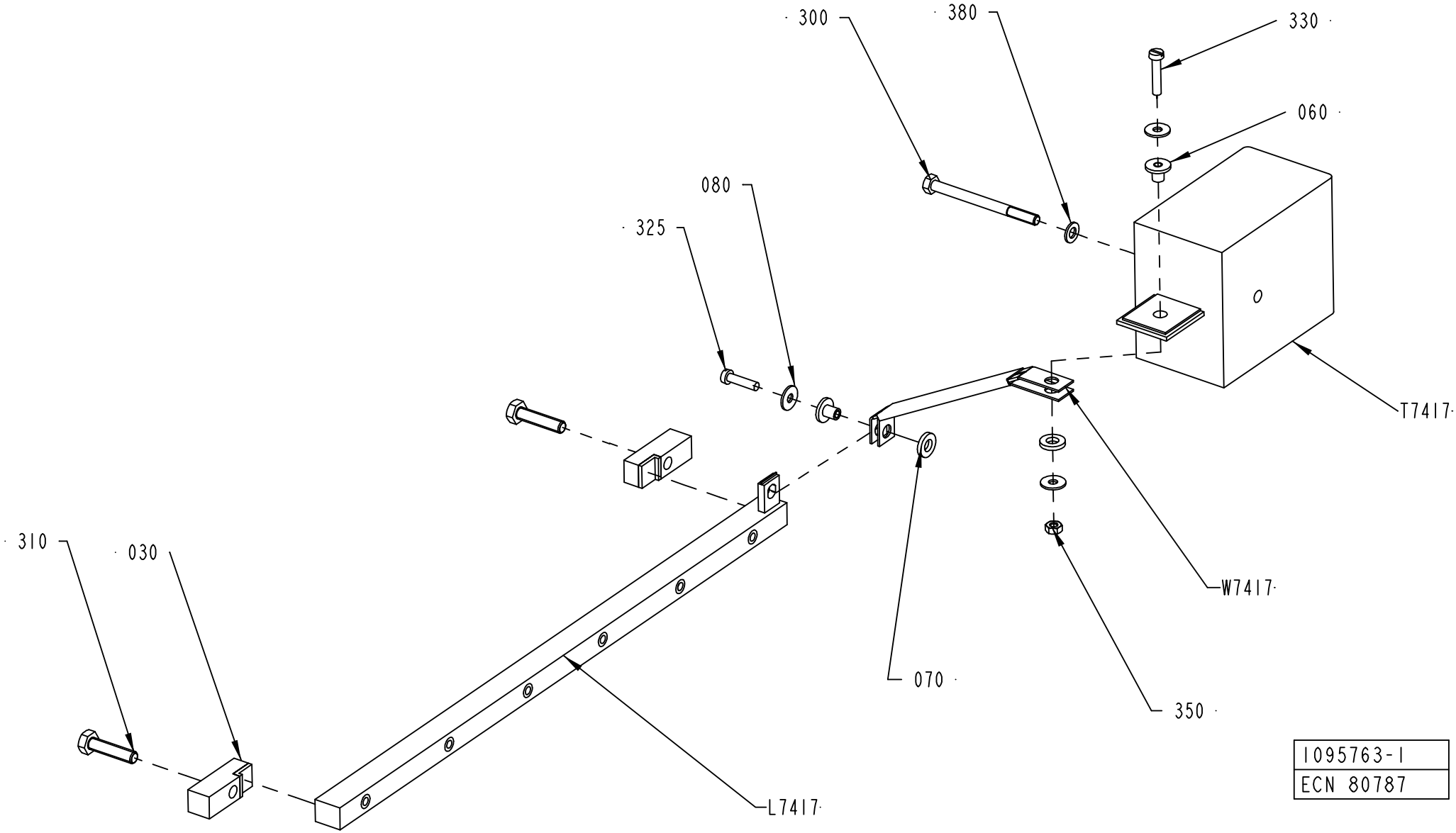
590
510
510
120
070
600
630
650
690
700
015
520
M7208
550
060
315
580
300
115
510
035
650
630
140
020
610
505
045
635
620
505
610
135
500
620
S-1348431-1
ECN 73542

ECM: 81242 - 20001107
Group number: 1348431-0100
Assembly Drawing: 1348431-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
015	1524372-0000	D		1	SHAFT	
020	1317020-0000	-		1	SHAFT	
035	1519766-0000	C		1	BENDING ROLLER	
045	1512267-0000	-		1	ECCENTRIC BUSHING	
060	985581-0000	C		1	GEAR WHEEL	
070	985582-0000	C		1	GEAR WHEEL	
080	1036390-0000	C		1	SHIM	
105	1517605-0000	-		1	COVER TOP	
115	1517606-0000	-		1	COVER BOTTOM	
120	6278-0000	C		1	WASHER	
135	906254-0000	C		1	ROLLER	
140	1519772-0000	-		1	AXLE PIN	
300	578684-0000	D		1	SPRING BRACKET	
315	1499611-0000	C		1	SPRING	
500	311112-0258	-		2	SPRING PIN, ISO 8752 4X24-C	
505	1317021-0000	-		2	PIN	
510	312105-0366	-		4	SCREW M6S M6X12 A280	
520	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
525	312105-0374	-		1	SCREW M6S ISO 4014 M6X30 A480	
550	312318-0287	-		1	SCREW ISO4029 M4X8 A4	
580	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
590	315105-0153	-		4	WASHER BRB6,4X12RFR	
600	315701-0170	-		1	PARALLEL KEY W. ROUND ENDS 4X4X20 MM	
610	315751-0112	-		2	RETAIN. RING, 15	
620	315751-0119	-		2	RETAIN. RING, 25	
630	315753-0124	-		2	RETAIN. RING, 35	
635	321308-0205	-		2	BALL BEARING, 25X47X12MM	
650	321313-0102	-		2	BALL BEARING, 15X35X11 MM	
680	90012-0137	-		1	GLAND, EXTENDED WITH INSERT, PG11	
690	312105-0328	-		3	SCREW M6S ISO 4017 M5X14 A480	
700	315105-0146	-		3	BRICKA BRB5,3X10RFR	
M7208	90069-0606	C		1	GEARS, WORM MOTOR ODM90-60KE3	

Pos	Part No	SP	UN	Qty	Description	Page No

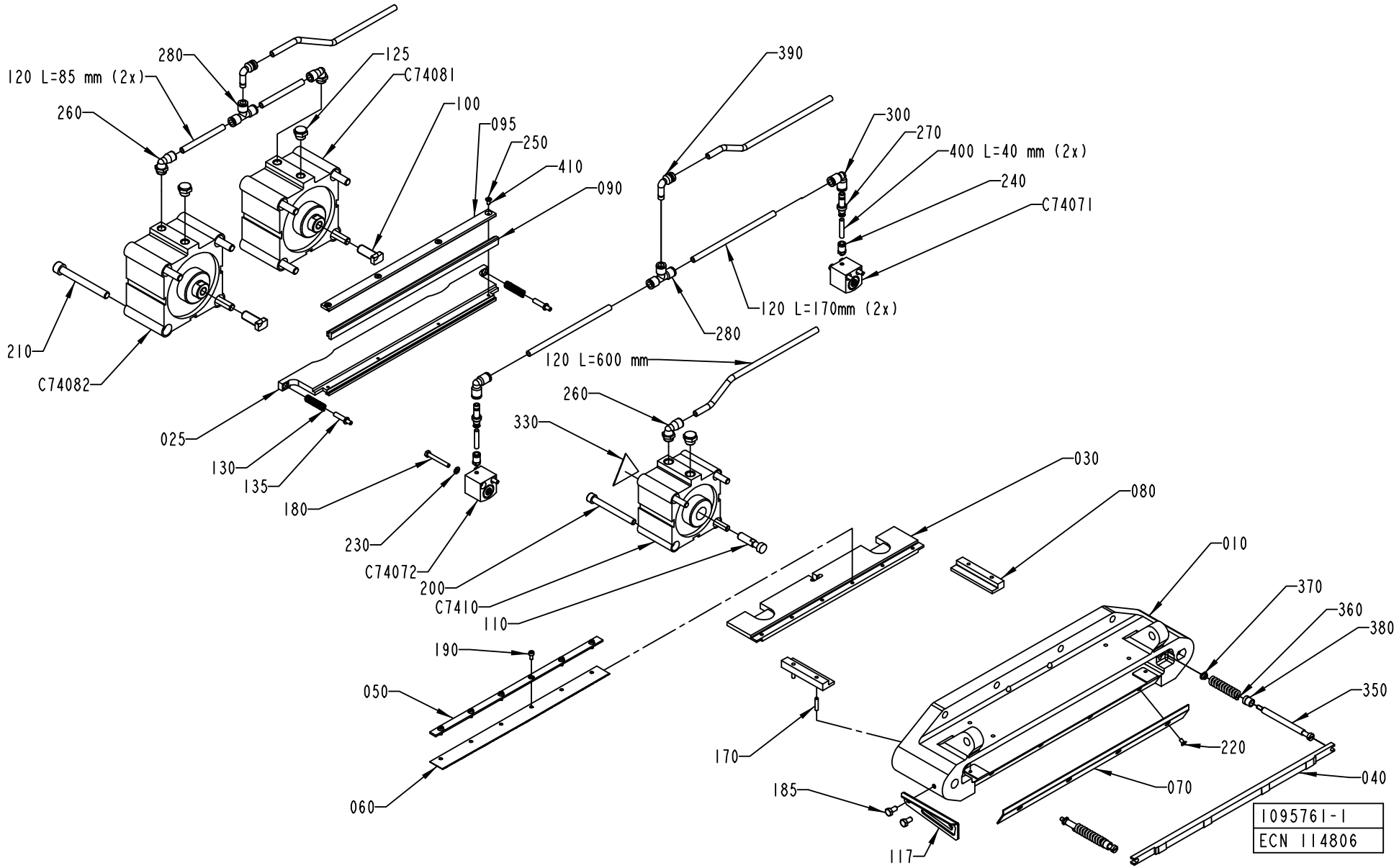
Machine Type | Group Description | Used-In | Group Number | Page No


300
380
330
060
080
325
T7417
W7417
310
030
070
350
L7417
1095763-1
ECN 80787

ECM: 80790 - 20001107
Group number: 1095763-0100
Assembly Drawing: 1095763-1_1_AF

Pos	Part No	SP	UN	Qty	Description	Page No
-						
030	1036487-0000	D		2	BRACKET	
060	1036488-0000	C		2	INSULATING BUSHING	
070	1036489-0000	C		2	WASHER	
080	90005-0082	C		3	WASHER PLAIN ROUND 4,3(M4)/12,H=1	
300	312105-0343	-		1	SCREW M6S ISO 4014 M5X60 A480	
310	312105-0372	-		2	SCREW M6S ISO 4017 M6X25 A480	
325	312125-0293	-		1	SCREW PAN HEAD MCS M4X16 SS	
330	312125-0295	-		1	SCREW PAN HEAD MCS M4X20 SS	
350	312605-0312	-		1	HEXAGON NUT, M6M M4 A280	
380	315105-0146	-		1	BRICKA BRB5,3X10RFR	
L7417	1041706-0000	C		1	INDUCTOR	
010	*1110544-0000*	*-*		*1*	*KäRNA*	
020	*1110545-0000*	*-*		*1*	*STRöMSKENA*	
030	*1110500-0005*	*-*		*6*	*NIPPEL 7,0*	
T7417	67379-0106	C		1	TRANSFORMER	
W7417	1036486-0000	C		1	BUSBAR	

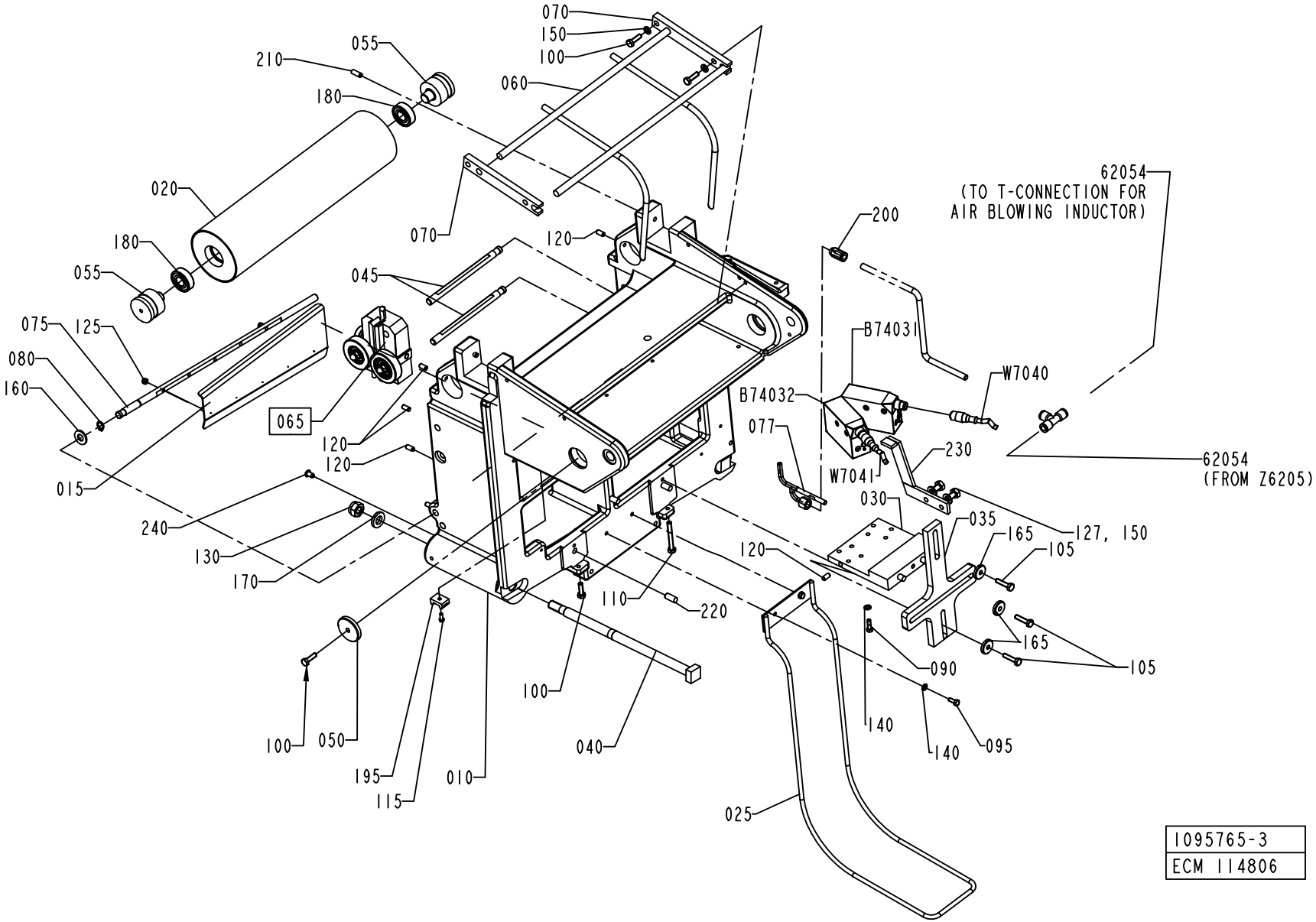
Pos	Part No	SP	UN	Qty	Description	Page No


280
125
120 L=85 mm (2x)
C74081
260
100
095
250
410
090
390
300
270
400 L=40 mm (2x)
240
C74071
120 L=170mm (2x)
280
210
C74082
120 L=600 mm
260
330
025
130
135
180
230
C74072
200
C7410
110
030
080
010
370
360
380
350
190
050
060
170
185
117
220
070
040
1095761-1
ECN 114806

ECM: 114972 - 20030209
Group number: 1095761-0100
Assembly Drawing: 1095761-1_1_AI

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036182-0000	-		1	PRESSURE JAW	
025	1539778-0000	A		1	PRESSURE RAIL	
030	1036671-0000	A		1	KNIFE HOLDER	
040	2546481-0000	A		1	RAIL	
050	1036675-0000	A		1	CLAMP	
060	1036676-0000	A		1	KNIFE	
070	1036677-0000	A		1	HEAD PLATE	
080	1036678-0000	A		2	SLIDE RAIL	
090	1538062-0000	A		1	DOLLY	
095	1539775-0000	A		1	RAIL	
100	1036680-0000	A		2	SCREW	
110	2563178-0000	A		1	COUPLING BOLT	
117	1040974-0000	-		1	CATCH	
120	90166-0194	-	MM	740	TUBE 8 MM PUR BLUE	
125	90257-0001	-		3	FILTER PLUG PARTNO 8145-00-140 TYP F14	
130	90335-0149	A		2	COMP. SPRING, 1,6X9,6X35,5	
135	1350172-0000	-		2	PIN	
170	311112-0256	-		4	SPRING PIN, ISO 8752 4X20-C	
180	312105-0339	-		4	SCREW M6S ISO 4014 M5X40 A480	
185	312105-0366	-		2	SCREW M6S M6X12 A280	
190	312115-0287	-		6	SCREW ISO4762 M4X8 A4	
200	312115-0467	-		4	SCREW ISO4762 M8X80 A4	
210	312115-0509	-		8	SCREW ISO4762 M10X90 A4	
220	312145-0287	-		4	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
230	315105-0146	-		4	BRICKA BRB5,3X10RFR	
240	342722-0197	-		2	STRAIGHT COUPLING	
250	312155-0287	-		4	SCREW EN 10642 MF6S M4X8 A480	
260	90458-2958	-		3	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	
270	342716-0203	-		2	REDUCER 6-8	
280	342748-0103	-		2	T-CONNECTION 8MM	
300	342735-0103	-		2	ELBOW PIPE JOINT	
330	359705-0009	-		1	WARNING SIGN ISO, SHARP PART	
350	1147087-0000	A		2	COMPRESSION ROD	
360	1147089-0000	A		2	SPRING	
370	1147091-0000	A		2	NUT	
380	1147094-0000	A		2	SLEEVE	
390	90055-0172	-		2	ELBOW WITH TAILPIECE 8/8 MM	
400	90166-0134	-	MM	100	HOSE	
410	90157-0016	-		1	LOCKING FLUID	
C74071	90459-1243	A		1	CYLINDER, AEVC 20-10-I-P	
C74072	90459-1243	A		1	CYLINDER, AEVC 20-10-I-P	
C74081	90459-1111	A		1	DOUBLE ACTING, COMPACT, CYL 100-25	
C74082	90459-1111	A		1	DOUBLE ACTING, COMPACT, CYL 100-25	
C7410	90459-1090	A		1	SINGLE ACTING, SHORT STROKE, CYL 80-25	

Machine Type	Group Description	Used-In	Group Number	Page No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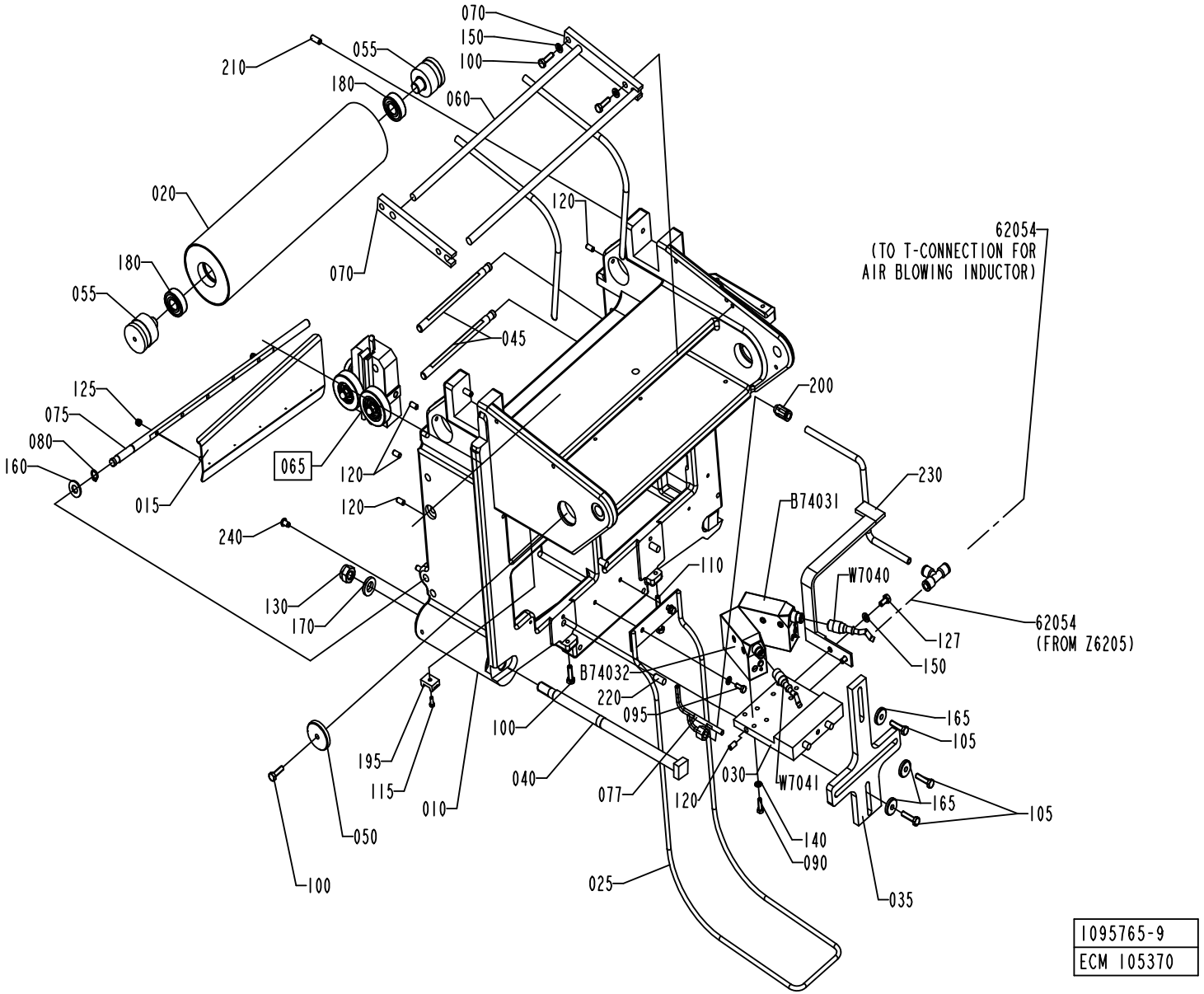
130
170
110
220
100
100
050
195
115
010
040
025
140
140
095
090
165
105
165
105
120
035
127, 150
030
077
W7041
230
B74032
W7040
B74031
200
62054
(TO T-CONNECTION FOR
AIR BLOWING INDUCTOR)
62054
(FROM Z6205)
1095765-3
ECM 114806

ECM: 120409 - 20030209
Group number: 1095765-0200
Assembly Drawing: 1095765-3_1_AG

This list covers pages from 934 to 937

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0250B (See drawing on page: 936)						
230	1348264-0000	-		1	LINK FORK	
TBA 0200S, TPA 0250SQ (See drawing on page: 934)						
230	1334084-0000	-		1	LINK FORK	
TBA 0250S, TPA 0330SQ (See drawing on page: 934)						
230	1538645-0000	-		1	LINK FORK	
TBA 0330S (See drawing on page: 936)						
035	2559143-0000	-		1	BRACKET	
077	2559144-0000	-		1	GUIDE FINGER	
230	1348264-0000	-		1	LINK FORK	
TBA 0500B, TBA 1000B (See drawing on page: 934)						
230	1346084-0000	-		1	LINK FORK	
TBA 0500S (See drawing on page: 934)						
230	1499580-0000	-		1	LINK FORK	
TBA 1000S (See drawing on page: 934)						
230	1349330-0000	-		1	LINK FORK	
TBA 1000SQ, TPA 1000SQ (See drawing on page: 934)						
230	1498926-0000	-		1	LINK FORK	
TBA 1500S (See drawing on page: 934)						
128	312155-0449	-		2	SCREW EN 10642 MF6S M8X16 A480	
230	1490186-0000	-		1	LINK FORK	
TPA 0500SQ (See drawing on page: 934)						
230	2563951-0000	-		1	LINK FORK	
TPA 1000S (See drawing on page: 934)						
230	1349331-0000	-		1	LINK FORK	
Common Parts						
010	1036183-0000	-		1	BRACKET	
015	1317798-0000	-		1	GUIDING PLATE	
020	1035882-0000	A		1	BENDING ROLLER	
025	1558481-0000	-		1	GUIDE RAIL	
030	1346083-0000	-		1	PHOTOCELL BRACKET	
035	1498167-0000	-		1	BRACKET	
040	1036818-0000	A		2	TIE ROD	
045	1037546-0000	A		2	SHAFT	
050	1548580-0000	-		1	WASHER	
055	1036429-0000	-		2	AXLE PIN	
060	1348435-0000	-		1	GUIDE	
065	1484745-0100	-		1	WEB GUIDE	**923**
070	1041020-0000	-		2	HOLDER	
075	1317799-0000	-		1	ROD	
077	1317800-0000	-		1	GUIDE FINGER	
080	90141-0016	-		1	RETAIN. RING, 10	
090	312105-0329	-		8	SCREW M6S ISO 4017 M5X16 A480	
095	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
100	312105-0370	-		6	SCREW M6S ISO 4017 M6X20 A480	
105	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
110	312109-0380	-		1	SCREW M6S ISO 4017 M6X50 A480	
115	312125-0289	-		3	SPåRSKRUV MCS 4X10 A480	
120	312318-0366	-		7	SCREW ISO4029 M6X12 A4	
125	312812-0312	-		5	HEXAGON NUT, NY-LOCK M4 A480	
127	312105-0366	-		2	SCREW M6S M6X12 A280	
130	312812-0322	-		2	HEXAGON NUT, NY-LOCK M12 A480	
140	315105-0146	-		10	BRICKA BRB5,3X10RFR	
150	315105-0153	-		6	WASHER BRB6,4X12RFR	
160	315105-0173	-		1	WASHER BRB10,5X22RFR	
165	315125-0153	-		3	WASHER TBRSB 6,4X22X4 A4	
170	315115-0178	-		2	WASHER PLAIN, TBRB 13/24 H=4	
180	321313-0102	A		2	BALL BEARING, 15X35X11 MM	
195	352113-0203	-		3	ANCHOR PLATES FOR STRIPS, TYPE TM3S8-M0	
200	342722-0204	-		1	PIPE COUPLING	
210	311112-0337	-		2	SPRING PIN, ISO 8752 6X16-C	
220	311103-0401	-		5	PARALLEL PIN ISO 2338 8M6X20 A1	
240	90367-0007	-		2	DRIVE SCREW, ROUND HEAD KERPIN 6X10	
B74031	90458-0602	A		1	PHOTOCELL,	
B74032	90458-0602	A		1	PHOTOCELL,	
W7040	90458-0603	-		1	CONNECTOR FEMALE 5 PINS	
W7041	90458-0603	-		1	CONNECTOR FEMALE 5 PINS	

Machine Type	Group Description	Used-In	Group Number	Page No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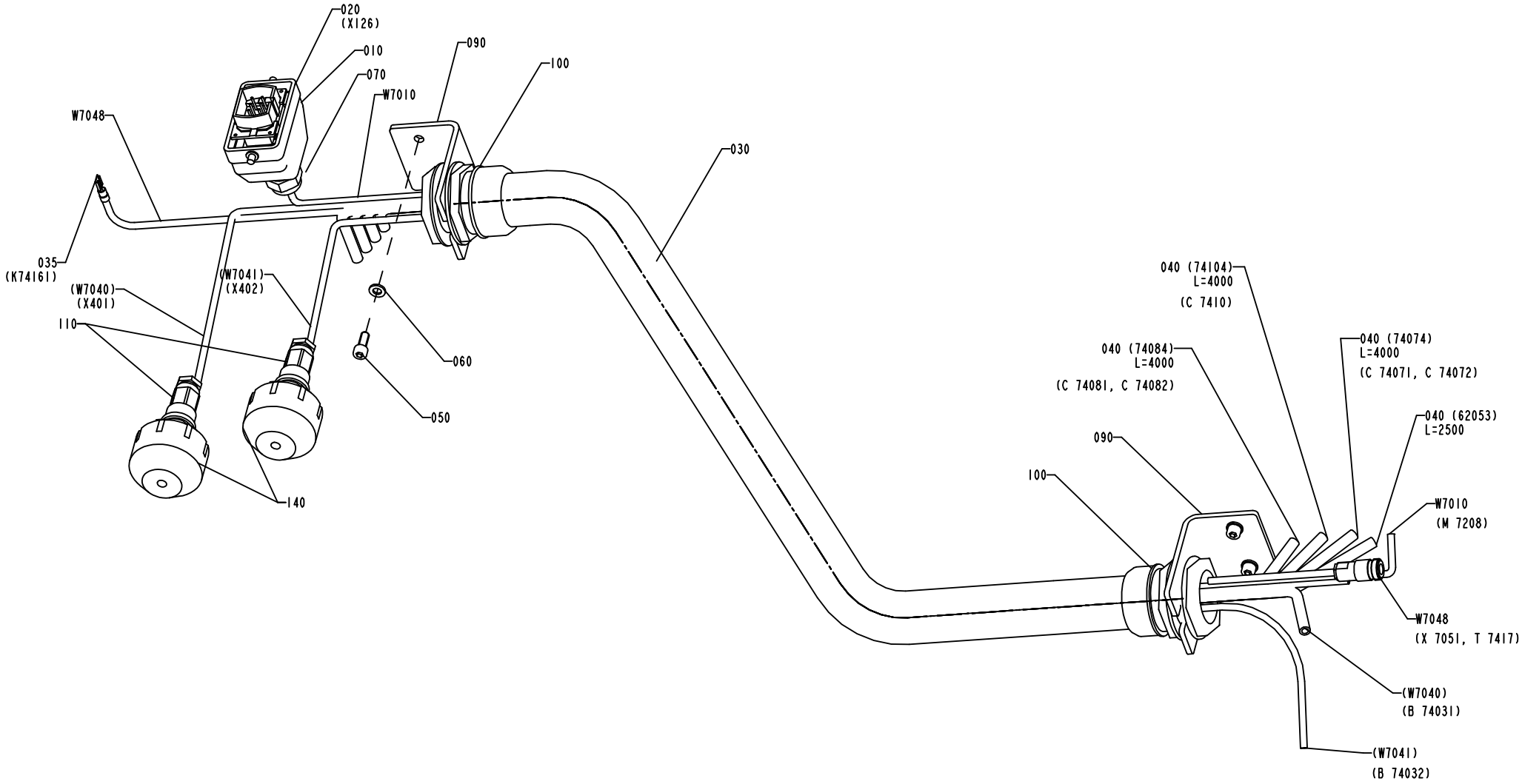
150
100
210
055
180
060
020
120
62054
(TO T-CONNECTION FOR
AIR BLOWING INDUCTOR)
070
180
055
045
200
125
075
080
160
065
120
230
015
120
B74031
240
110
W7040
130
170
62054
(FROM Z6205)
127
150
B74032
220
095
165
105
100
195
115
040
077
120
030
W7041
165
105
010
050
140
090
100
025
035
1095765-9
ECM 105370

ECM: 120409 - 20030209
Group number: 1095765-0200
Assembly Drawing: 1095765-9_1_AD

This list covers pages from 934 to 937

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200B, TBA 0250B (See drawing on page: 936)						
230	1348264-0000	-		1	LINK FORK	
TBA 0200S, TPA 0250SQ (See drawing on page: 934)						
230	1334084-0000	-		1	LINK FORK	
TBA 0250S, TPA 0330SQ (See drawing on page: 934)						
230	1538645-0000	-		1	LINK FORK	
TBA 0330S (See drawing on page: 936)						
035	2559143-0000	-		1	BRACKET	
077	2559144-0000	-		1	GUIDE FINGER	
230	1348264-0000	-		1	LINK FORK	
TBA 0500B, TBA 1000B (See drawing on page: 934)						
230	1346084-0000	-		1	LINK FORK	
TBA 0500S (See drawing on page: 934)						
230	1499580-0000	-		1	LINK FORK	
TBA 1000S (See drawing on page: 934)						
230	1349330-0000	-		1	LINK FORK	
TBA 1000SQ, TPA 1000SQ (See drawing on page: 934)						
230	1498926-0000	-		1	LINK FORK	
TBA 1500S (See drawing on page: 934)						
128	312155-0449	-		2	SCREW EN 10642 MF6S M8X16 A480	
230	1490186-0000	-		1	LINK FORK	
TPA 0500SQ (See drawing on page: 934)						
230	2563951-0000	-		1	LINK FORK	
TPA 1000S (See drawing on page: 934)						
230	1349331-0000	-		1	LINK FORK	
Common Parts						
010	1036183-0000	-		1	BRACKET	
015	1317798-0000	-		1	GUIDING PLATE	
020	1035882-0000	A		1	BENDING ROLLER	
025	1558481-0000	-		1	GUIDE RAIL	
030	1346083-0000	-		1	PHOTOCELL BRACKET	
035	1498167-0000	-		1	BRACKET	
040	1036818-0000	A		2	TIE ROD	
045	1037546-0000	A		2	SHAFT	
050	1548580-0000	-		1	WASHER	
055	1036429-0000	-		2	AXLE PIN	
060	1348435-0000	-		1	GUIDE	
065	1484745-0100	-		1	WEB GUIDE	**923**
070	1041020-0000	-		2	HOLDER	
075	1317799-0000	-		1	ROD	
077	1317800-0000	-		1	GUIDE FINGER	
080	90141-0016	-		1	RETAIN. RING, 10	
090	312105-0329	-		8	SCREW M6S ISO 4017 M5X16 A480	
095	312105-0327	-		2	SCREW M6S ISO 4017 M5X12 A480	
100	312105-0370	-		6	SCREW M6S ISO 4017 M6X20 A480	
105	312105-0372	-		3	SCREW M6S ISO 4017 M6X25 A480	
110	312109-0380	-		1	SCREW M6S ISO 4017 M6X50 A480	
115	312125-0289	-		3	SPåRSKRUV MCS 4X10 A480	
120	312318-0366	-		7	SCREW ISO4029 M6X12 A4	
125	312812-0312	-		5	HEXAGON NUT, NY-LOCK M4 A480	
127	312105-0366	-		2	SCREW M6S M6X12 A280	
130	312812-0322	-		2	HEXAGON NUT, NY-LOCK M12 A480	
140	315105-0146	-		10	BRICKA BRB5,3X10RFR	
150	315105-0153	-		6	WASHER BRB6,4X12RFR	
160	315105-0173	-		1	WASHER BRB10,5X22RFR	
165	315125-0153	-		3	WASHER TBRSB 6,4X22X4 A4	
170	315115-0178	-		2	WASHER PLAIN, TBRB 13/24 H=4	
180	321313-0102	A		2	BALL BEARING, 15X35X11 MM	
195	352113-0203	-		3	ANCHOR PLATES FOR STRIPS, TYPE TM3S8-M0	
200	342722-0204	-		1	PIPE COUPLING	
210	311112-0337	-		2	SPRING PIN, ISO 8752 6X16-C	
220	311103-0401	-		5	PARALLEL PIN ISO 2338 8M6X20 A1	
240	90367-0007	-		2	DRIVE SCREW, ROUND HEAD KERPIN 6X10	
B74031	90458-0602	A		1	PHOTOCELL,	
B74032	90458-0602	A		1	PHOTOCELL,	
W7040	90458-0603	-		1	CONNECTOR FEMALE 5 PINS	
W7041	90458-0603	-		1	CONNECTOR FEMALE 5 PINS	

Machine Type | Group Description | Used-In | Group Number | Page No

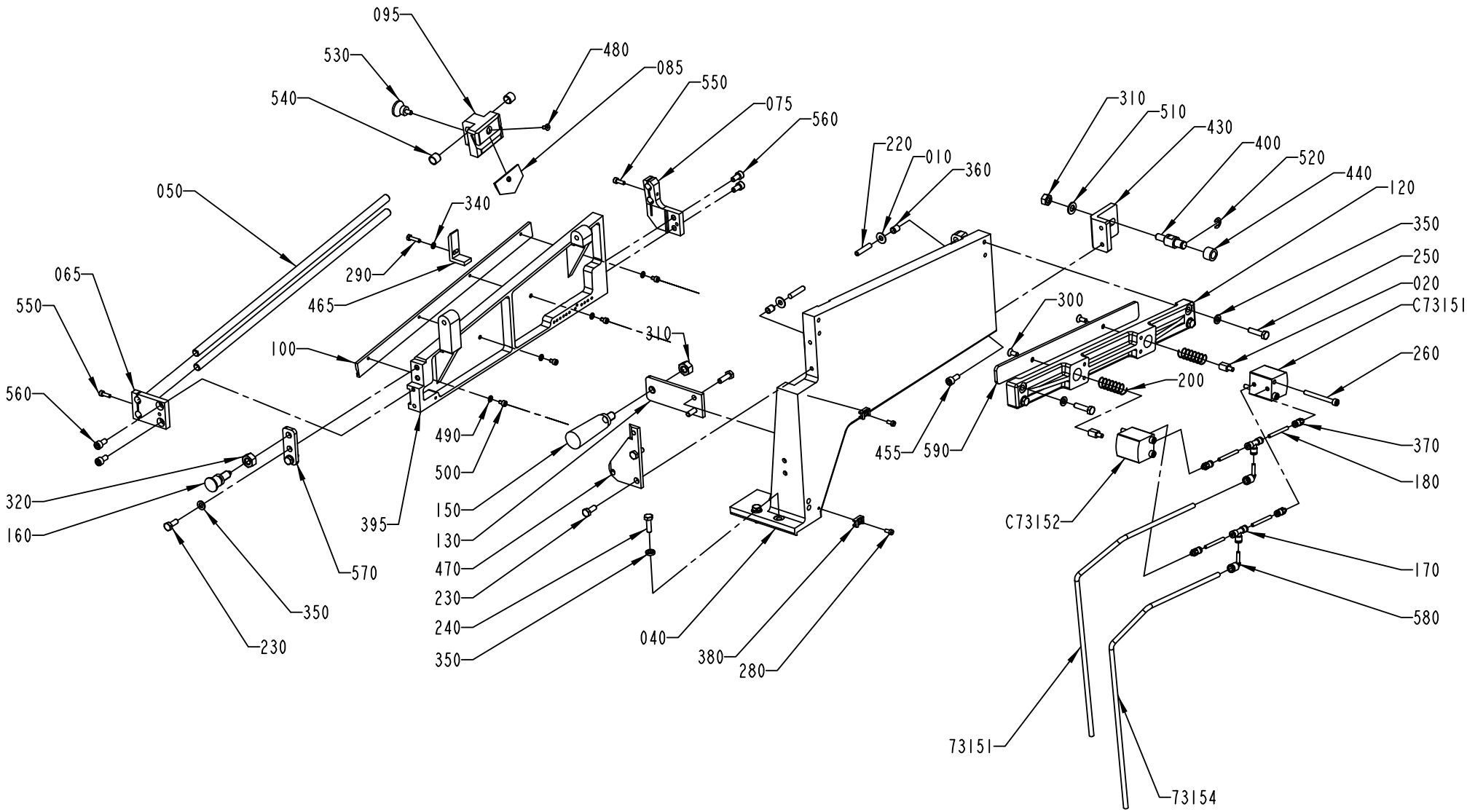


S-1095766-4
ECN 71680

ECM: 72500 - 19991021
Group number: 1095766-0300
Assembly Drawing: 1095766-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90110-0157	-		1	CABLE HOOD 6-POL 70.352.0628.1	
020	90110-0159	-		1	MALE INSERT 70.310.0640.0	
030	90152-0029	-	MM	745	HOSE 35/41	
035	92097-0009	-		1	SLEEVE	
040	90166-0194	-	M	14	TUBE 8 MM PUR BLUE	
050	312115-0368	-		4	SCREW ISO4762 M6X16 A4	
060	315105-0153	-		4	WASHER BRB6,4X12RFR	
070	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
090	1334248-0000	-		2	BRACKET	
100	352136-0167	-		2	GLAND FITTING	
110	90110-0235	-		2	CABLE CONTACT, PX0739/S	
120	359005-0010	-		1	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
130	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	
140	90110-0348	-		2	CABLE SEALING, 12033/I, ELFA. 44-625-78	
W7010	90220-0104	-	MM	8500	SCR. CABLE 4X1,5MM2	
W7048	1037055-0000	C		1	COAXIAL CABLE	

Pos	Part No	SP	UN	Qty	Description	Page No

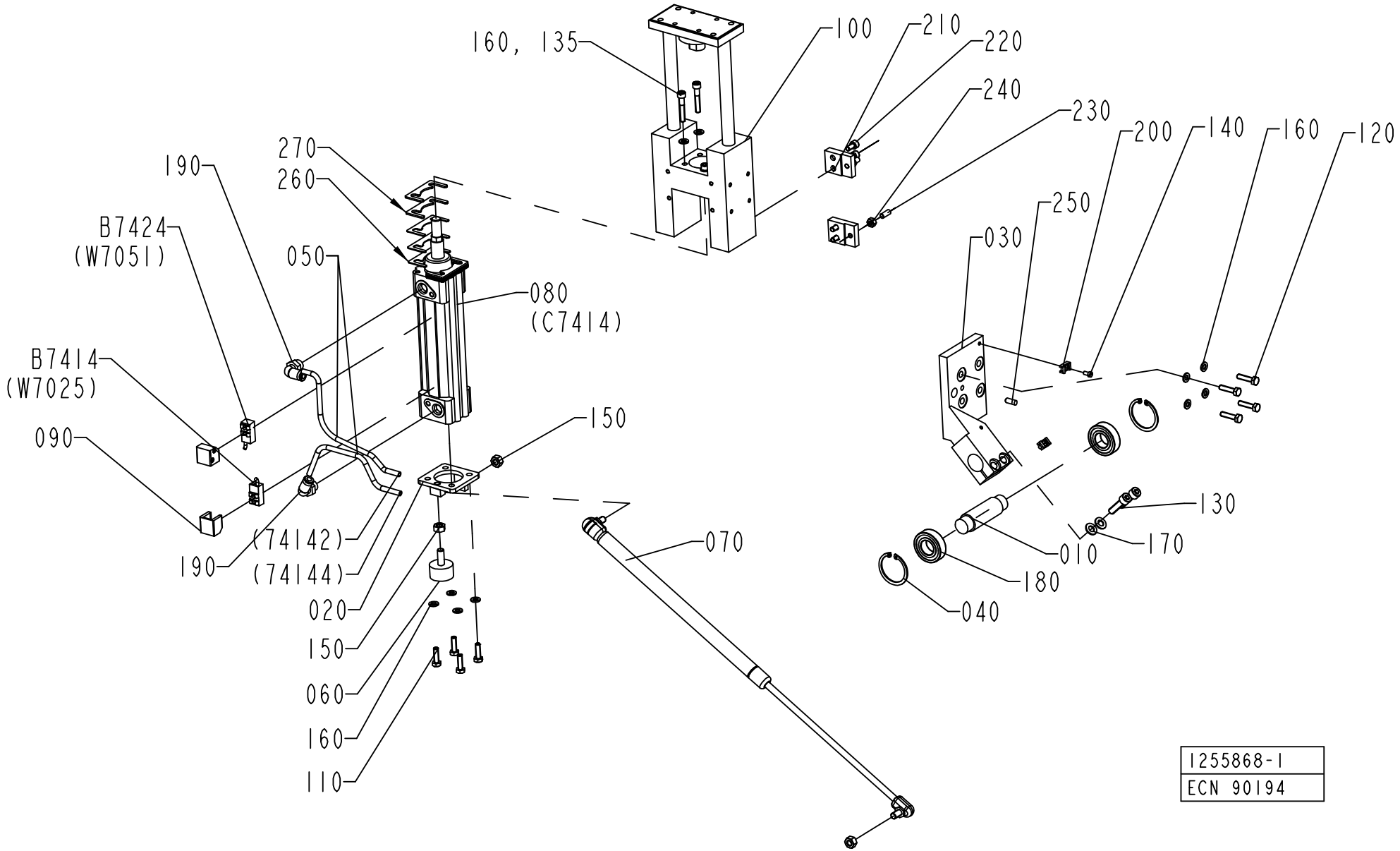


1255867-2
ECM 114806

ECM: 114836 - 20030209
Group number: 1255867-0200
Assembly Drawing: 1255867-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0200S, TBA 0250B, TPA 1000S, TBA 1500S, TPA 0250SQ, TPA 0330SQ						
465	1539329-0000	-		1	ANGLE	
TPA 1000SQ						
465	2582669-0000	-		1	ANGLE	
Common Parts						
010	271011-0000	-		2	WASHER	
020	2547059-0000	A		2	LOCK STUD	
040	1041158-0000	-		1	MATERIAL HOLDER	
050	2552662-0000	-		2	GUIDE	
065	2552661-0000	-		1	SUPPORT	
075	2552660-0000	-		1	SUPPORT	
085	2552669-0000	A		1	KNIFE	
095	1538035-0000	A		1	KNIFE HOLDER	
100	2555685-0000	-		1	RULER	
120	2547060-0000	-		1	MATERIAL PRESSURE	
130	1041753-0000	-		1	BRACKET	
150	90051-0065	-		1	HANDLE, THREADED TAP. NO. 8305-2151	
160	90051-0087	-		1	LOCK KNOB, NO. GN 617 A5	
170	342748-0100	-		2	T-CONNECTION 4MM	
180	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
200	90335-0183	A		2	COMP. SPRING 12220, 1,25X13,1X62,5	
220	311103-0357	-		2	PARALLEL PIN ISO 2338 6M6X30 A1	
230	312105-0368	-		2	SCREW M6S M6X16 A280	
240	312105-0370	-		6	SCREW M6S ISO 4017 M6X20 A480	
250	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
260	312111-0341	-		4	SCREW HEX.SOCK.HD.MC6S-TT 5X50 88 FZB	
280	312125-0287	-		2	SCREW PAN HEAD MCS M4X8 SS	
290	312105-0291	-		1	SCREW M6S ISO 4017 M4X12 A480	
300	312155-0327	-		2	SCREW EN 10642 MF6S M5X12 A480	
310	312605-0320	-		1	HEXAGON NUT, M6M M10 A280	
315	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
320	312630-0320	-		1	HEX.NUT FINE, EN 24032 M6M M10X1 FZB8	
340	315105-0136	-		1	WASHER BRB4,3XRFR	
350	315105-0153	-		8	WASHER BRB6,4X12RFR	
355	315115-0153	-		4	WASHER PLAIN, TBRB 6,4/12 H=3	
360	321120-0102	-		2	BEARING BUSHING W/O FLANGE,6/8X10	
370	342722-0198	-		4	STRAIGHT COUPLING	
380	352113-0205	-		2	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
395	2555447-0000	-		1	CUTTING TABLE	
400	1549402-0000	-		1	SHAFT	
430	1548520-0000	-		1	BRACKET	
440	436556-0000	-		1	CURVE ROLLER	
455	312115-0368	-		2	SCREW ISO4762 M6X16 A4	
470	1478907-0000	-		1	SECURING PLATE	
480	312155-0287	-		1	SCREW EN 10642 MF6S M4X8 A480	
490	315105-0136	-		4	WASHER BRB4,3XRFR	
500	312115-0285	-		4	SCREW ISO4762 M4X6 A4	
510	315101-0173	-		1	WASHER PLAIN, BRB, 10,5/22 H=2	
520	315755-0109	-		1	LOCKING WASHER 7	
530	318871-0102	-		1	KNOB CIRCULAR, EXT THREAD, NO. 8302-6037	
540	90240-0287	-		2	BUSHING, 10X12X10 MM	
550	312115-0291	-		2	SCREW ISO4762 M4X12 A4	
560	312115-0366	-		4	SCREW ISO4762 M6X12 A4	
570	2552663-0000	-		1	BRACKET	
580	90055-0230	-		2	ELBOW WITH TAILPIECE 6/4 MM	
590	2546480-0000	-		1	PLATE	
73152	90166-0193	-	MM	6000	TUBE 6 MM PUR BLUE	
73154	90166-0193	-	MM	6000	TUBE 6 MM PUR BLUE	
C73151	90459-1217	A		1	CYLINDER, ADVC-20-15-I-P	
C73152	90459-1217	A		1	CYLINDER, ADVC-20-15-I-P	

Machine Type	Group Description	Used-In	Group Number	Page No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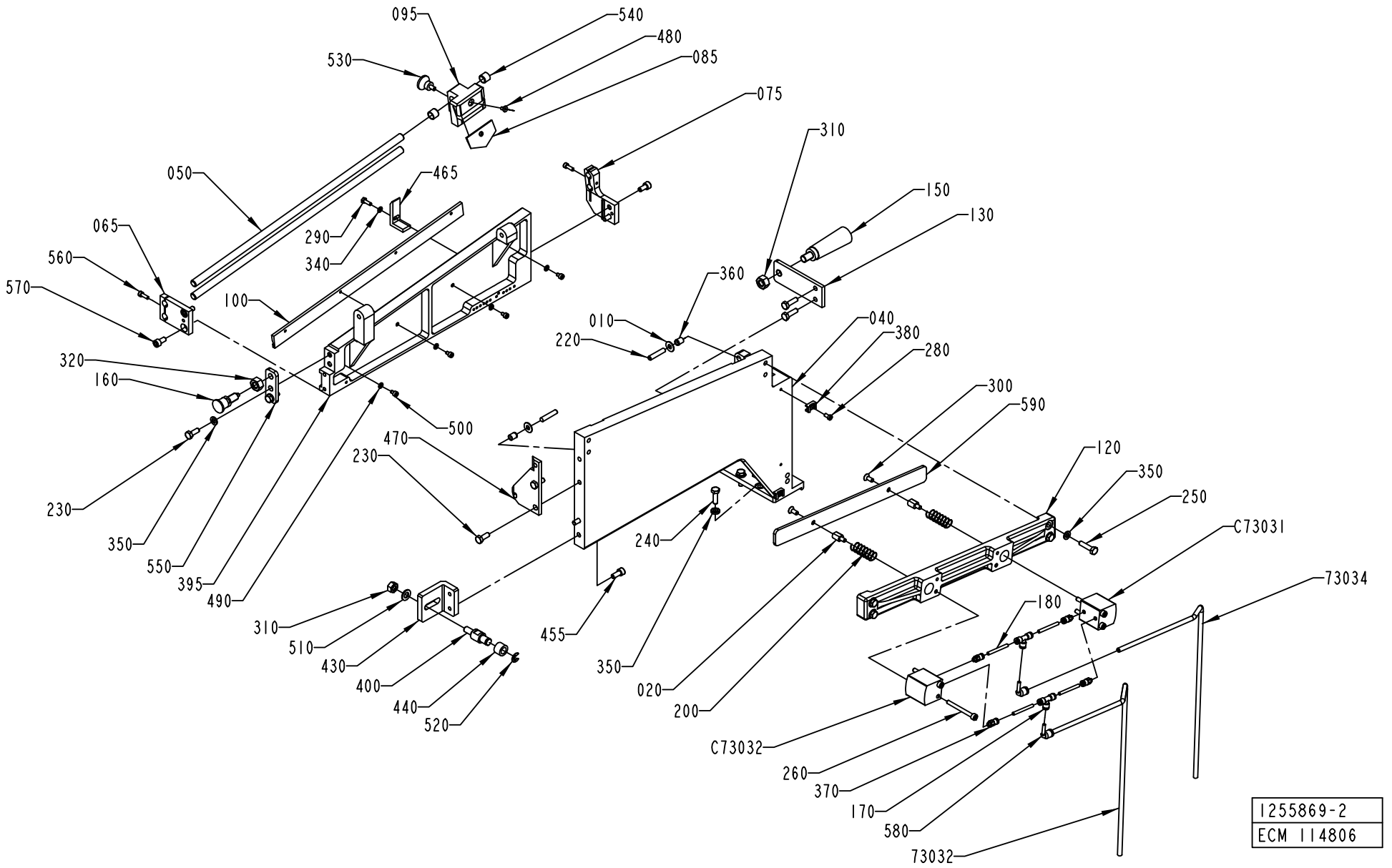
1255868-1
ECN 90194

ECM: 93130 - 20010807
Group number: 1255868-0100
Assembly Drawing: 1255868-1_1_AF

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037132-0000	A		1	SHAFT	
020	1037133-0000	A		1	BRACKET	
030	1129041-0000	-		1	ARM	
040	90141-0020	-		2	RETAIN. RING, 42	
050	90166-0193	-	M	9	TUBE 6 MM PUR BLUE	
060	90347-0004	A		1	VIBRATION DAMPER D=30 TH=M8 H=17 H2=21MM	
070	90347-0163	A		1	GAS-DAMPER	
080	90450-0272	A		1	DOUBLE ACTING,PROFILE,CYL 40-100	
090	90450-0669	-		2	SENSOR, BRACKET SERIES 168	
100	1478735-0000	-		1	STEERING	
110	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
120	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
130	312115-0455	-		2	SCREW ISO4762 M8X30 A4	
135	312115-0376	-		4	SCREW ISO4762 M6X35 A4	
140	312125-0287	-		2	SCREW PAN HEAD MCS M4X8 SS	
150	312605-0318	-		3	HEXAGON NUT, M6M M8 A280	
160	315105-0153	-		12	WASHER BRB6,4X12RFR	
170	315105-0165	-		2	WASHER BRB8,4X16RFR	
180	321308-0204	A		2	BALL BEARING, 20X42X12 MM	
190	342732-0103	-		2	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/4	
200	352113-0205	-		2	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
210	1478736-0000	-		2	BLOCK	
220	312115-0366	-		4	SCREW ISO4762 M6X12 A4	
230	312318-0368	-		2	SCREW ISO4029 M6X16 A4	
240	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
250	311103-0351	-		1	PARALLEL PIN ISO 2338 6M6X16 A1	
260	2508257-0000	-		6	SPACER	
270	2508258-0000	-		4	SPACER	
B7414	90044-0116	A		1	CYLINDER,SENSOR	
B7424	90044-0116	A		1	CYLINDER,SENSOR	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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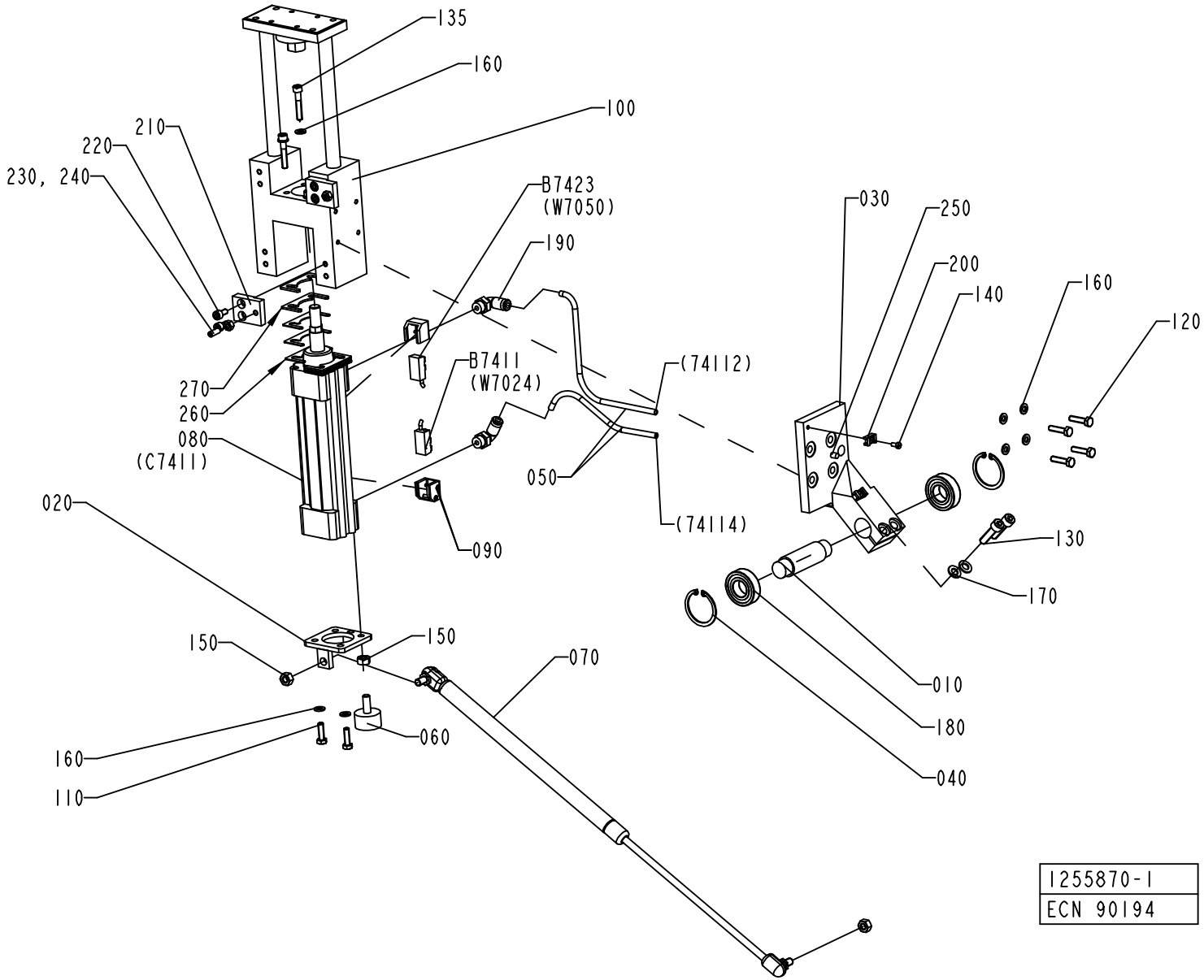
1255869-2
ECM 114806

ECM: 114837 - 20030209
Group number: 1255869-0200
Assembly Drawing: 1255869-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S, TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TBA 0200B, TBA 0200S, TBA 0250B, TPA 1000S, TBA 1500S, TPA 0250SQ, TPA 0330SQ						
465	1539329-0000	-		1	ANGLE	
TPA 1000SQ						
465	2582669-0000	-		1	ANGLE	
Common Parts						
010	271011-0000	-		2	WASHER	
020	2547059-0000	A		2	LOCK STUD	
040	1041157-0000	-		1	MATERIAL HOLDER	
050	2552662-0000	-		2	GUIDE	
065	2552661-0000	-		1	SUPPORT	
075	2552660-0000	-		1	SUPPORT	
085	2552669-0000	A		1	KNIFE	
095	1538035-0000	A		1	KNIFE HOLDER	
100	2555685-0000	-		1	RULER	
120	2547060-0000	-		1	MATERIAL PRESSURE	
130	1041753-0000	-		1	BRACKET	
150	90051-0065	-		1	HANDLE, THREADED TAP. NO. 8305-2151	
160	90051-0087	-		1	LOCK KNOB, NO. GN 617 A5	
170	342748-0100	-		2	T-CONNECTION 4MM	
180	90166-0095	-	MM	500	TUBE 4 MM PA BLUE	
200	90335-0183	A		2	COMP. SPRING 12220, 1,25X13,1X62,5	
220	311103-0357	-		2	PARALLEL PIN ISO 2338 6M6X30 A1	
230	312105-0368	-		2	SCREW M6S M6X16 A280	
240	312105-0370	-		6	SCREW M6S ISO 4017 M6X20 A480	
250	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
260	312111-0341	-		4	SCREW HEX.SOCK.HD.MC6S-TT 5X50 88 FZB	
280	312125-0287	-		2	SCREW PAN HEAD MCS M4X8 SS	
290	312105-0291	-		1	SCREW M6S ISO 4017 M4X12 A480	
300	312155-0327	-		2	SCREW EN 10642 MF6S M5X12 A480	
310	312605-0320	-		1	HEXAGON NUT, M6M M10 A280	
315	312605-0318	-		1	HEXAGON NUT, M6M M8 A280	
320	312630-0320	-		1	HEX.NUT FINE, EN 24032 M6M M10X1 FZB8	
340	315105-0136	-		1	WASHER BRB4,3XRFR	
350	315105-0153	-		8	WASHER BRB6,4X12RFR	
355	315115-0153	-		4	WASHER PLAIN, TBRB 6,4/12 H=3	
360	321120-0102	-		2	BEARING BUSHING W/O FLANGE,6/8X10	
370	342722-0198	-		4	STRAIGHT COUPLING	
380	352113-0205	-		2	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
395	2555447-0000	-		1	CUTTING TABLE	
400	1549402-0000	-		1	SHAFT	
430	1548520-0000	-		1	BRACKET	
440	436556-0000	-		1	CURVE ROLLER	
455	312115-0368	-		2	SCREW ISO4762 M6X16 A4	
470	1478907-0000	-		1	SECURING PLATE	
480	312155-0287	-		1	SCREW EN 10642 MF6S M4X8 A480	
490	315105-0136	-		4	WASHER BRB4,3XRFR	
500	312115-0285	-		4	SCREW ISO4762 M4X6 A4	
510	315101-0173	-		1	WASHER PLAIN, BRB, 10,5/22 H=2	
520	315755-0109	-		1	LOCKING WASHER 7	
530	318871-0102	-		1	KNOB CIRCULAR, EXT THREAD, NO. 8302-6037	
540	90240-0287	-		2	BUSHING, 10X12X10 MM	
550	2552663-0000	-		1	BRACKET	
560	312115-0291	-		2	SCREW ISO4762 M4X12 A4	
570	312115-0366	-		4	SCREW ISO4762 M6X12 A4	
580	90055-0230	-		2	ELBOW WITH TAILPIECE 6/4 MM	
590	2546480-0000	-		1	PLATE	
73032	90166-0193	-	MM	6000	TUBE 6 MM PUR BLUE	
73034	90166-0193	-	MM	6000	TUBE 6 MM PUR BLUE	
C73031	90459-1217	A		1	CYLINDER, ADVC-20-15-I-P	
C73032	90459-1217	A		1	CYLINDER, ADVC-20-15-I-P	

Machine Type	Group Description	Used-In	Group Number	Page No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1255870-1
ECN 90194

ECM: 93129 - 20010807
Group number: 1255870-0100
Assembly Drawing: 1255870-1_1_AF

Pos	Part No	SP	UN	Qty	Description	Page No
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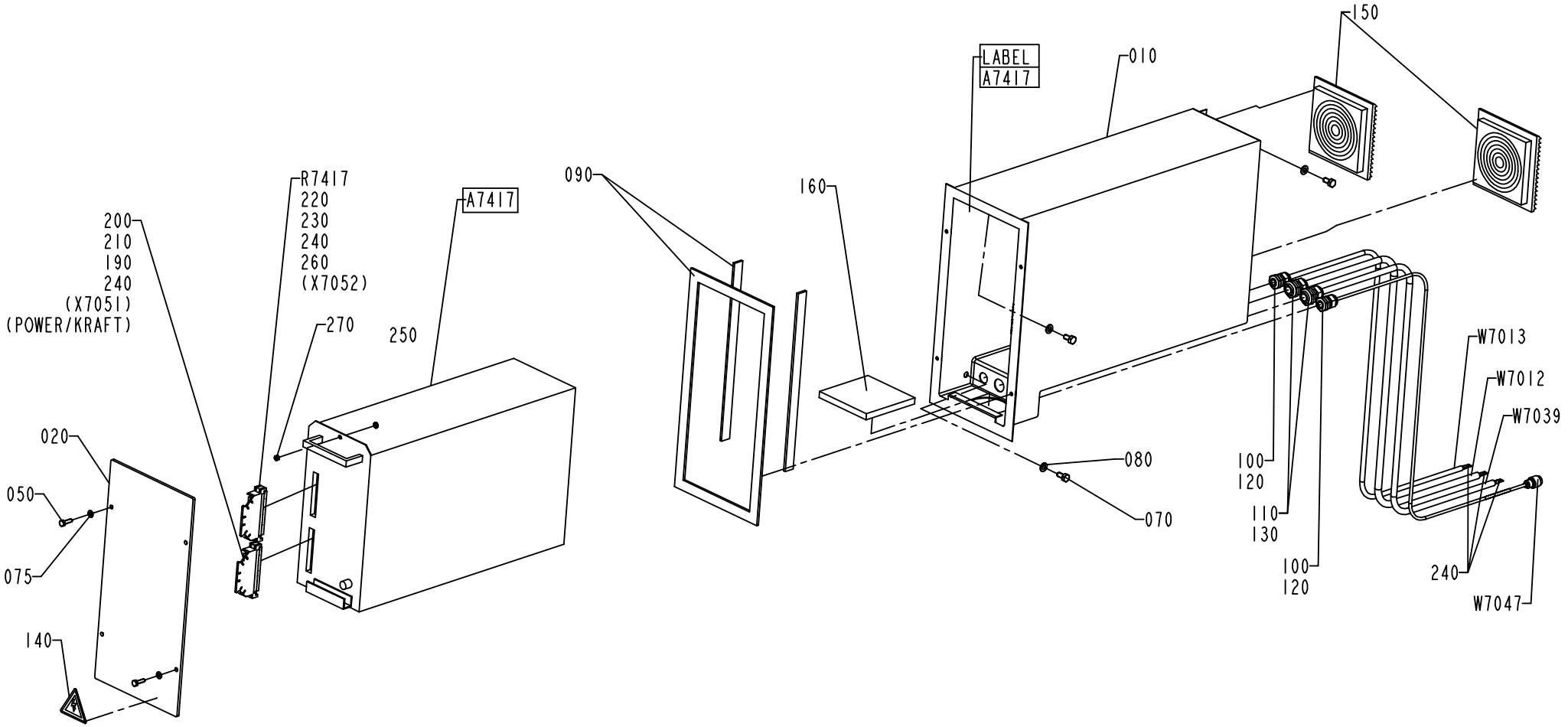
010	1037132-0000	A		1	SHAFT	
020	1037133-0000	A		1	BRACKET	
030	1129040-0000	-		1	ARM	
040	90141-0020	-		2	RETAIN. RING, 42	
050	90166-0193	-	M	9	TUBE 6 MM PUR BLUE	
060	90347-0004	A		1	VIBRATION DAMPER D=30 TH=M8 H=17 H2=21MM	
070	90347-0163	A		1	GAS-DAMPER	
080	90450-0272	A		1	DOUBLE ACTING,PROFILE,CYL 40-100	
090	90450-0669	-		2	SENSOR, BRACKET SERIES 168	
100	1478735-0000	-		1	STEERING	
110	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
120	312105-0372	-		4	SCREW M6S ISO 4017 M6X25 A480	
130	312115-0455	-		2	SCREW ISO4762 M8X30 A4	
135	312115-0376	-		4	SCREW ISO4762 M6X35 A4	
140	312125-0287	-		2	SCREW PAN HEAD MCS M4X8 SS	
150	312605-0318	-		3	HEXAGON NUT, M6M M8 A280	
160	315105-0153	-		12	WASHER BRB6,4X12RFR	
170	315105-0165	-		2	WASHER BRB8,4X16RFR	
180	321308-0204	A		2	BALL BEARING, 20X42X12 MM	
190	342732-0103	-		2	ELBOW PIPE JOINT, EXT.THREAD, D=6MM-G1/4	
200	352113-0205	-		2	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
210	1478736-0000	-		2	BLOCK	
220	312115-0366	-		4	SCREW ISO4762 M6X12 A4	
230	312318-0368	-		2	SCREW ISO4029 M6X16 A4	
240	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
250	311103-0351	-		1	PARALLEL PIN ISO 2338 6M6X16 A1	
260	2508257-0000	-		6	SPACER	
270	2508258-0000	-		4	SPACER	
B7411	90044-0116	A		1	CYLINDER,SENSOR	
B7423	90044-0116	A		1	CYLINDER,SENSOR	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

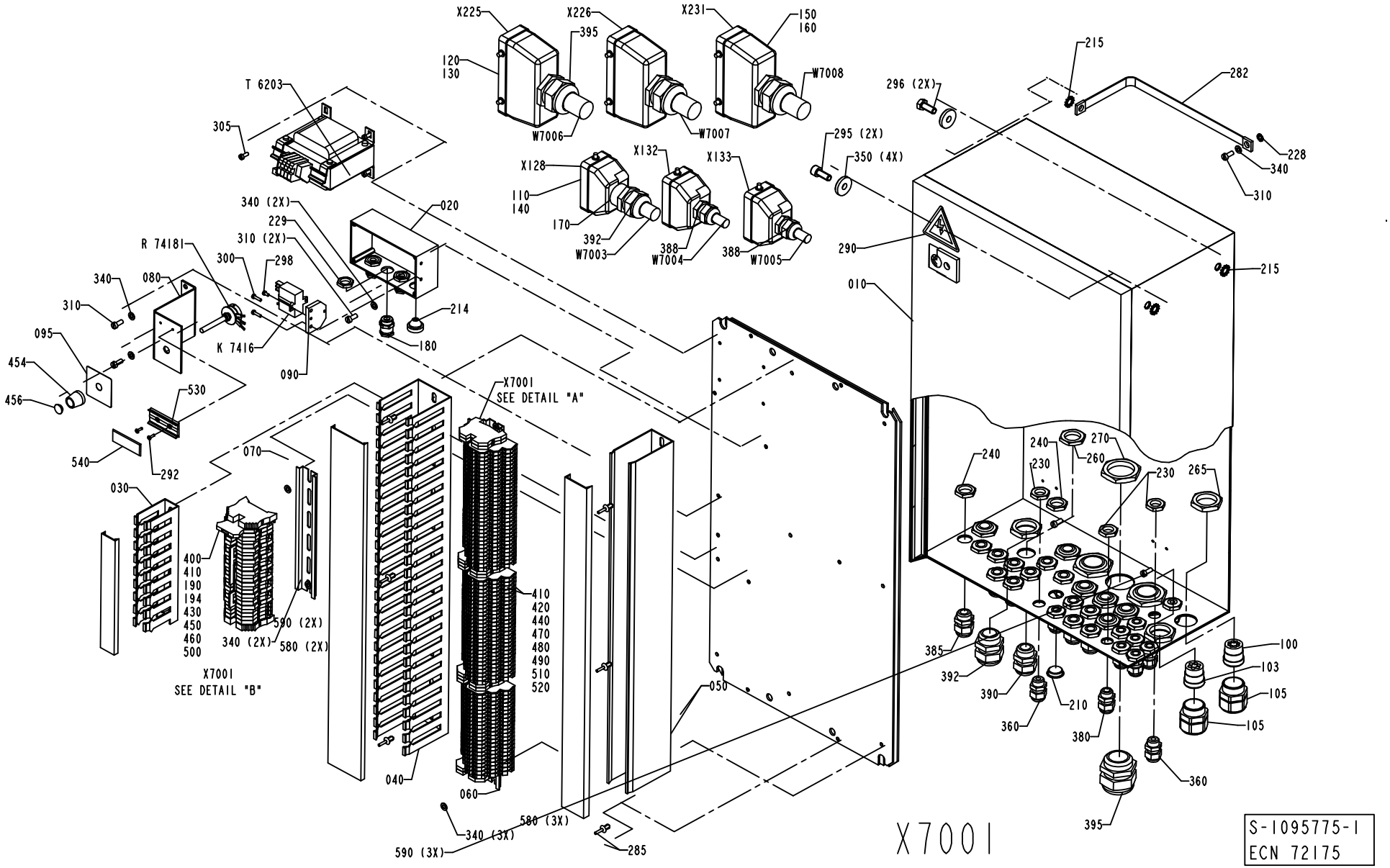


S-1095768-1
ECN 72500

ECM: 72500 - 19991021
Group number: 1095768-0100
Assembly Drawing: 1095768-1_1_AE

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036814-0000	-		1	APPLIANCE BOX	
020	1036815-0000	-		1	LID	
050	312105-0370	-		4	SCREW M6S ISO 4017 M6X20 A480	
070	312105-0449	-		3	SCREW M6S ISO 4017 M8X16 A480	
075	315105-0153	-		4	WASHER BRB6,4X12RFR	
080	315105-0165	-		3	WASHER BRB8,4X16RFR	
090	90143-0071	-	MM	2200	RUBBER STRIP 4X20MM	
100	352103-0106	-		2	CABLE GLAND, ST 11, PR18,6/PG11	
110	352103-0110	-		2	CABLE GLAND, STR 16, PR22,5/PG16	
120	90099-0117	-		2	NUT, PR 18,6 (PG11)	
130	90099-0110	-		2	NUT, PR 22,5 (PG16)	
140	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
150	90277-0129	-		2	EXHAUST FILTER / SK 3322.200	
160	90277-0393	-		1	FILTER INSERT RITTAL SK 3170100	
190	90097-0017	-		5	FLAT PIN PLUG 6,3MM	
200	90110-0121	-		1	FEMALE INSERT GDS A-H 09 06 215 2811	
210	90110-0122	-		1	COVER, 09 06 000 9957	
220	90110-0121	-		1	FEMALE INSERT GDS A-H 09 06 215 2811	
230	90110-0122	-		1	COVER, 09 06 000 9957	
240	92097-0009	-		16	SLEEVE	
250	90062-0060	-		1	LOCK WASHER SERRAT.EXT.GEAR,5,3/10 H=0,6	
260	90166-0214	-		1	SHRINKABLE HOSE 1,2 MM	
270	312605-0314	-		1	HEXAGON NUT, M6M M5 A280	
A7417	67600-0501	D		1	TPIH GENERATOR	
R7417	90121-0090	D		1	RESISTANCE FIXED, 10 KOHM, 0,5 W	
W7012	351150-0419	-	M	2	CABLE OLFLEX 5X2,5 MM2 LIGHT/GREY	
W7013	351150-0412	-	M	2	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W7039	351150-0406	-	M	2	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	
W7047	1037056-0000	C		1	COAXIAL CABLE	

Pos	Part No	SP	UN	Qty	Description	Page No


X225
X226
X231
150
160
395
120
130
W7008
W7006
W7007
T 6203
305
215
282
296 (2X)
295 (2X)
350 (4X)
228
340
310
X128
X132
X133
110
140
170
392
W7003
388
W7004
388
W7005
290
215
010
340 (2X)
229
310 (2X)
020
R 74181
300
298
214
340
080
310
180
095
K 7416
090
454
456
530
540
292
070
X7001
SEE DETAIL "A"
240
270
240
230
260
230
265
030
400
410
190
194
430
450
460
500
590 (2X)
340 (2X)
580 (2X)
X7001
SEE DETAIL "B"
410
420
440
470
480
490
510
520
050
385
392
390
360
210
380
100
103
105
105
360
395
040
060
340 (3X)
590 (3X)
580 (3X)
285
X7001
S-1095775-1
ECN 72175

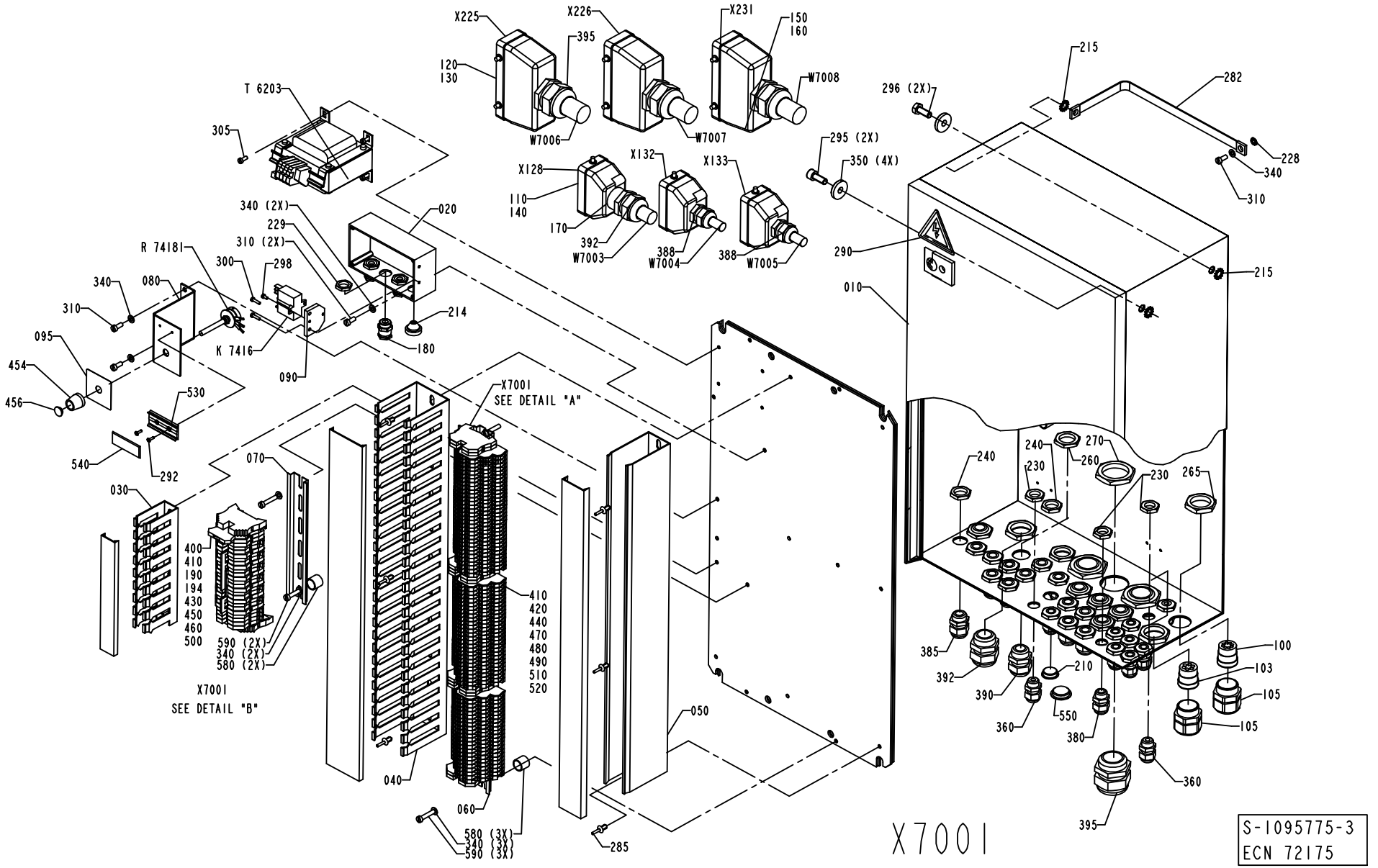
ECM: 72175 - 19990427
Group number: 1095775-0100
Assembly Drawing: 1095775-1_1_AI

This list covers pages from 950 to 953

Pos	Part No	SP	UN	Qty	Description	Page No
NOPT (See drawing on page: 950)						
390	352103-0110	-		7	CABLE GLAND, STR 16, PR22,5/PG16	
PT21 (See drawing on page: 952)						
390	352103-0110	-		6	CABLE GLAND, STR 16, PR22,5/PG16	
550	90002-0004	-		1	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
Common Parts						
010	1036909-0000	-		1	ELECTRICAL CABINET	
020	1038907-0000	-		1	CONNECTION BOX	
030	1036922-0000	-		1	CABLE DUCT	
040	1036923-0000	-		1	CABLE DUCT	
050	1036924-0000	-		1	CABLE DUCT	
060	1036925-0000	-		1	TERMINAL RAIL	
070	1036926-0000	-		1	TERMINAL RAIL	
080	1038403-0000	-		1	BRACKET	
090	1041264-0000	-		1	BRACKET	
095	551922-0000	-		1	LABEL,POTENTIOMETER DESIGN CORR.	
100	90012-0127	-		1	PLUG	
103	90012-0125	-		1	GLAND FITTING	
105	353240-0005	-		2	NORMAL WITHOUT INSERT, PG 21	
110	90110-0159	-		3	MALE INSERT 70.310.0640.0	
120	90110-0150	-		3	MALE INSERT 121110 0000	
130	90110-0152	-		3	CABLE HOOD 24-POL 70.352.2428.1	
140	90110-0157	-		3	CABLE HOOD 6-POL 70.352.0628.1	
150	359005-0010	-		7	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
160	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	
170	90089-0028	-		1	MUFF	
180	90012-0124	-		3	GLAND FITTING	
190	353034-0039	-		1	BRIDGE CONNECTOR WQV 4/4, 10546.6	
194	353034-0031	-		2	BRIDGE CONNECTOR, WQV 4/10, 10520.6	
210	90002-0009	-		1	BLANK-OFF PLUG, PR 18.6 SKINDICHT-BLK11	
214	90015-0020	-		1	LEAD-IN, TET5-7, E-1458016	
215	90062-0016	-		5	LOCK WASHER SERRAT.EXT.GEAR,8,4/15 H=0,8	
228	90062-0060	-		1	LOCK WASHER SERRAT.EXT.GEAR,5,3/10 H=0,6	
229	90099-0001	-		3	NUT PR 15,2 MäSSING	
230	90099-0104	-		11	NUT, PR 15,2 (PG9)	
240	90099-0117	-		14	NUT, PR 18,6 (PG11)	
260	90099-0110	-		7	NUT, PR 22,5 (PG16)	
265	90099-0119	-		3	NUT, PR 28,3 (PG21)	
270	90099-0120	-		3	MUTTER PR 37 (PG29)	
282	90135-0035	-		1	EARTH WIRE, L=250 MM 16 MM2	
285	90181-0088	-		8	PLASTIC RIVET, PR 52314	
290	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
292	311520-0329	-		2	RIVET, BLANK 2,4X8	
295	312115-0451	-		2	SCREW ISO4762 M8X20 A4	
296	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
298	312121-0220	-		2	SCREW SLOT.PAN HD. MCS 3X6 FZB	
300	312121-0226	-		2	SCREW SLOT.PAN HD. MCS 3X12 FZB	
305	312121-0289	-		4	SCREW SLOT.PAN HD. MCS 4X10 FZB	
310	312121-0327	-		5	SCREW SLOT.PAN HD. MCS 5X12 FZB	
340	315105-0146	-		10	BRICKA BRB5,3X10RFR	
350	315125-0165	-		4	WASHER TBRSB 8,4X26X5 A4	
360	352103-0100	-		3	CABLE GLAND, STR 9, PR15,2/PG9	
380	352103-0101	-		8	CABLE GLAND, ST 9, PR15,2/PG9	
385	352103-0106	-		13	CABLE GLAND, ST 11, PR18,6/PG11	
388	352103-0108	-		2	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
392	352103-0116	-		2	CABLE GLAND, ST 21, PR28,3/PG21	
395	352103-0121	-		6	CABLE GLAND, ST 29, PR37,0/PG29	
400	353021-0122	-		1	TERMINAL DISCONNECTBLE, WTR 2,5 D	
410	353031-0203	-		2	END SUPPORT, WEW 35/2	
420	353021-0302	-		80	TERMINALS,TRIPLE-LEVEL, DLD 2,5/35 PA	
430	353021-0213	-		16	FEED THROUGH TERMINAL, 10201.0	
440	353024-0204	-		10	EARTH TERMINAL WPE 2,5	
450	353024-0205	-		8	EARTH TERMINAL, 1010.1	
454	90130-0303	-		1	SHIFTER HANDLE	
456	90130-0304	-		1	PLATE	
460	353032-0004	-		1	END PLATE WAP 2,5-10 BEIGE	
470	353032-0302	-		3	END PLATE WAP	
480	353034-0401	-		16	BRIDGE CONNECTOR Q2, 13125.0	
490	353034-0404	-		17	BRIDGE CONNECTOR Q10, 13131.0	
500	359011-0821	-		2	SET OF SIGNS 6-FW 1-50	
510	359011-0823	-		2	SET OF SIGNS 6-FW 101-150	
520	359011-0824	-		2	SET OF SIGNS 6-FW 151-200	
530	359240-0100	-		1	SIGN HOLDER FOR 359240-0001	
540	359241-0186	-		1	SIGN "LS"	
560	359011-0817	-		4	SYMBOL 5-GW (+) 50PC	
570	359011-0818	-		4	SYMBOL 5-GW (-) 50PC	
580	495118-0014	-		5	DISTANCE PIPE L=14 MM	
590	312125-0333	-		5	SCREW PAN HEAD MCS M5X25 SS	
K 7416	90119-0078	C		1	TPIH-RELAY	
R74181	90130-0021	C		1	POTENTIOMETER " REPBY 90130-28"	
R74182	90121-0119	C		1	RESISTANCE FIXED, 8,2 KOHM, 1 W	
T 6203	563461-0000	C		1	TRANSFORMER	

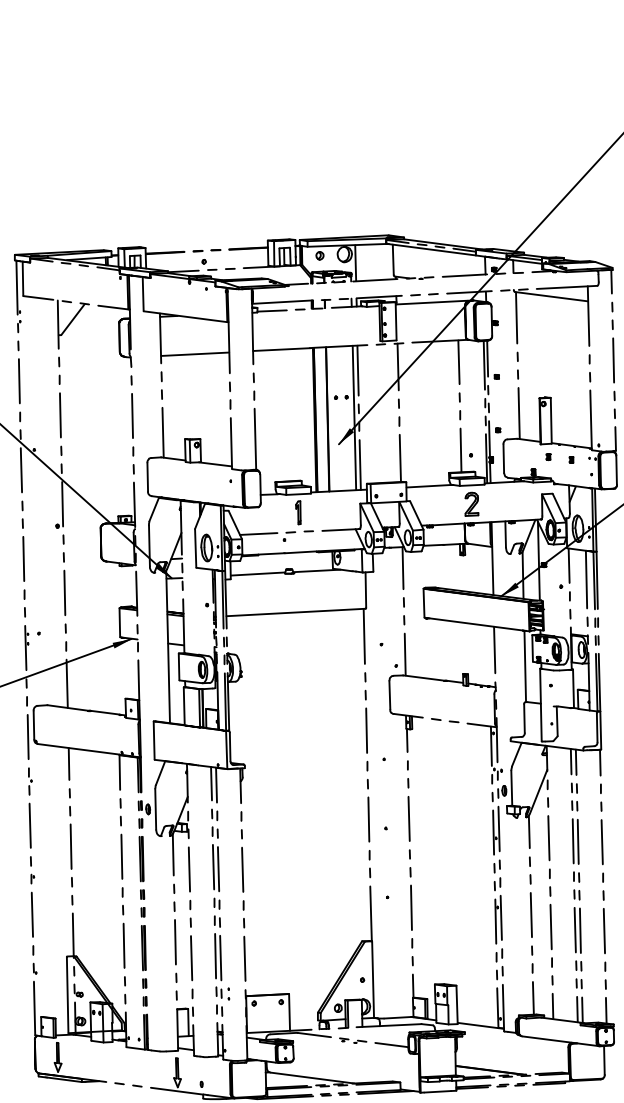
Machine Type | Group Description | Used-In | Group Number | Page No

ELECTRICAL CABINET



Pos	Part No	SP	UN	Qty	Description	Page No
Common Parts (Cont'd)						
W 7003	351150-0420	-	MM	4800	CABLE OLFLEX 7X2,5 MM2 LIGHT/GREY	
W 7004	351150-0413	-	MM	4700	CABLE OLFLEX 4X1,5 MM2 LIGHT/GREY	
W 7005	351150-0412	-	MM	4500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W 7006	351150-0425	-	MM	4900	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 7007	351150-0425	-	MM	4900	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 7008	351150-0425	-	MM	5100	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No



030

-
-

INSIDE CABLES:

W 7011 (M7217)
W 7015 (B6207)
W 7017 (B6201)
W 7018 (B6202)
W 7019 (B6204)
W 7020 (B6107)
W 7042 (B7801)
W 7046 (R6203)
W 7049 (L6101)
W 7055 (E7705)
W 7048 (L7417)
W 7010 (M7208)
W 7041 (B74032)
W 7040 (B74031)
W 7030(B72102)
W 733 (B72112)
ALL CABLES INSIDE POS. 020

SIDE 1 (RIGHT)

020

-
-

INSIDE CALBES:

W 7050 (B7423)
W 7024 (B7411)
W 7026 (B7412)
W 7028 (S7402)(S6202)(S7701)
W 7043 (B7806)
-

040

W 7040 (B74031)
W 7041 (B74032)
W 7011 (M7217)
W 7010 (M7208)
W 7016 (B6105)
ALL CABLES FROM ASU TO MAIN TBA/21 EL. CAB.

010

070
100 (2X)

INSIDE CABLES:

W 7014 (E7702)
W 7025 (B7414)
W 7027 (B7512)
W 7031 (B72101
W 7044 (B7807)
W 7045 (H7703)
W 7051 (B7424)
W 7053 (B7805)
W 7052 (E7704) VERSION NO PT
W 7054 (H2802) VERSION NO PT
W 7029 (S7813)
(S7303)
W 7032 (B 72111)

SIDE 2 (LEFT)

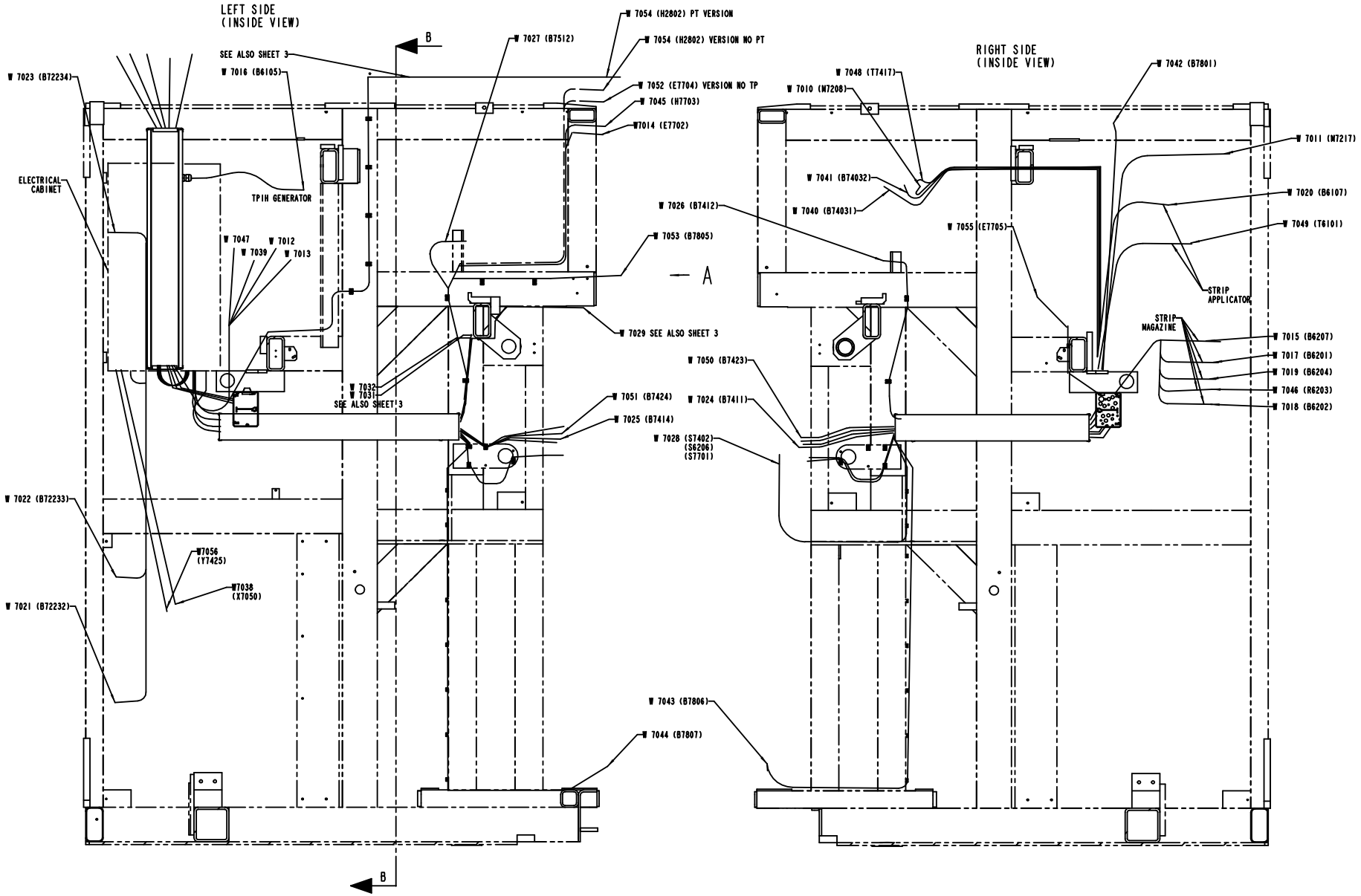
S-1035082-6
ECN 71911

ECM: 91665 - 20010924
Group number: 1035082-0300
Assembly Drawing: 1035082-6_1_AA

This list covers pages from 954 to 959

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 (See drawing on pages: 954, 956, 958)						
060	90099-0104	-		1	NUT, PR 15,2 (PG9)	
Common Parts						
010	1103373-0000	-		1	CABLE DUCT	
020	1103374-0000	-		1	CABLE DUCT	
030	1334260-0000	-		1	CABLE DUCT	
040	1334261-0000	-		1	CABLE DUCT	
050	90015-0021	-		1	LEAD-IN, TET10-14, E-1458023	
070	90143-0060	-	MM	750	EDGE STRIP 9,5X6,3MM BLACK PVC	
100	312115-0366	-		6	SCREW ISO4762 M6X12 A4	
110	312125-0287	-		39	SCREW PAN HEAD MCS M4X8 SS	
120	312503-0275	-		4	SCREW CROSS RECES.RND.HD.TAPP. B6X6.5	
130	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
140	352113-0102	-		60	CLIP-STRIP, BLACK 188X4,8 MM	
150	352113-0205	-		39	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	

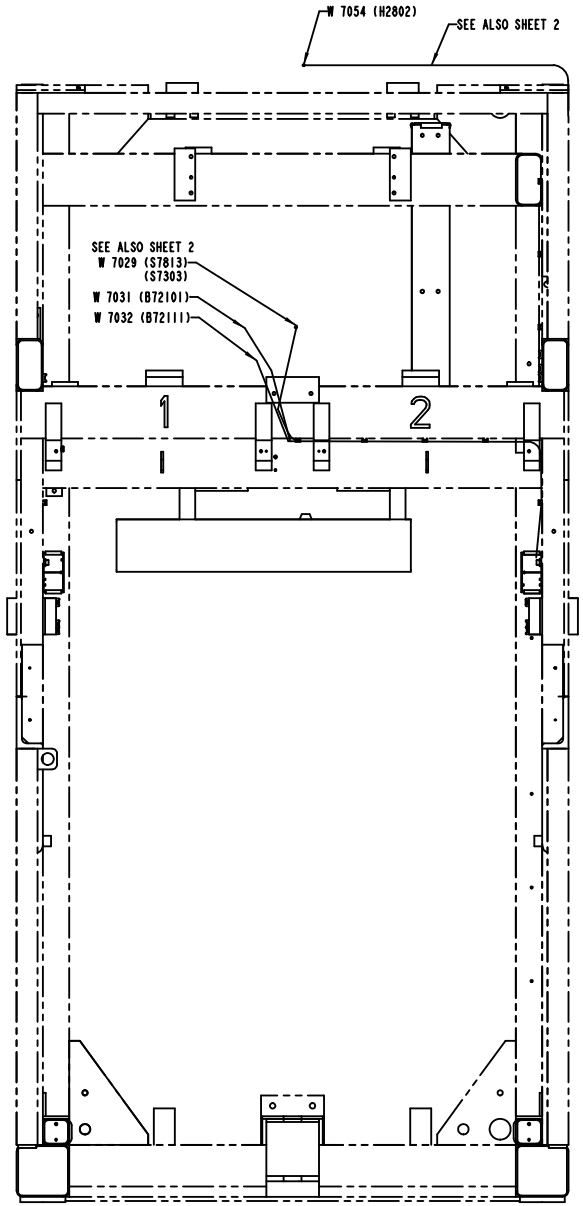
Pos	Part No	SP	UN	Qty	Description	Page No


LEFT SIDE
(INSIDE VIEW)
RIGHT SIDE
(INSIDE VIEW)
B
A
W 7054 (H2802) PT VERSION
W 7054 (H2802) VERSION NO PT
W 7027 (B7512)
SEE ALSO SHEET 3
W 7016 (B6105)
W 7023 (B72234)
W 7052 (E7704) VERSION NO TP
W 7045 (H7703)
W7014 (E7702)
ELECTRICAL CABINET
TPIH GENERATOR
W 7047
W 7012
W 7039
W 7013
W 7053 (B7805)
W 7029 SEE ALSO SHEET 3
W 7032
W 7031
SEE ALSO SHEET 3
W 7051 (B7424)
W 7025 (B7414)
W 7022 (B72233)
W7056 (Y7425)
W7038 (X7050)
W 7021 (B72232)
W 7043 (B7806)
W 7044 (B7807)
W 7048 (T7417)
W 7010 (M7208)
W 7042 (B7801)
W 7011 (M7217)
W 7041 (B74032)
W 7040 (B74031)
W 7020 (B6107)
W 7026 (B7412)
W 7055 (E7705)
W 7049 (T6101)
STRIP APPLICATOR
STRIP MAGAZINE
W 7015 (B6207)
W 7017 (B6201)
W 7019 (B6204)
W 7046 (R6203)
W 7018 (B6202)
W 7050 (B7423)
W 7024 (B7411)
W 7028 (S7402) (S6206) (S7701)

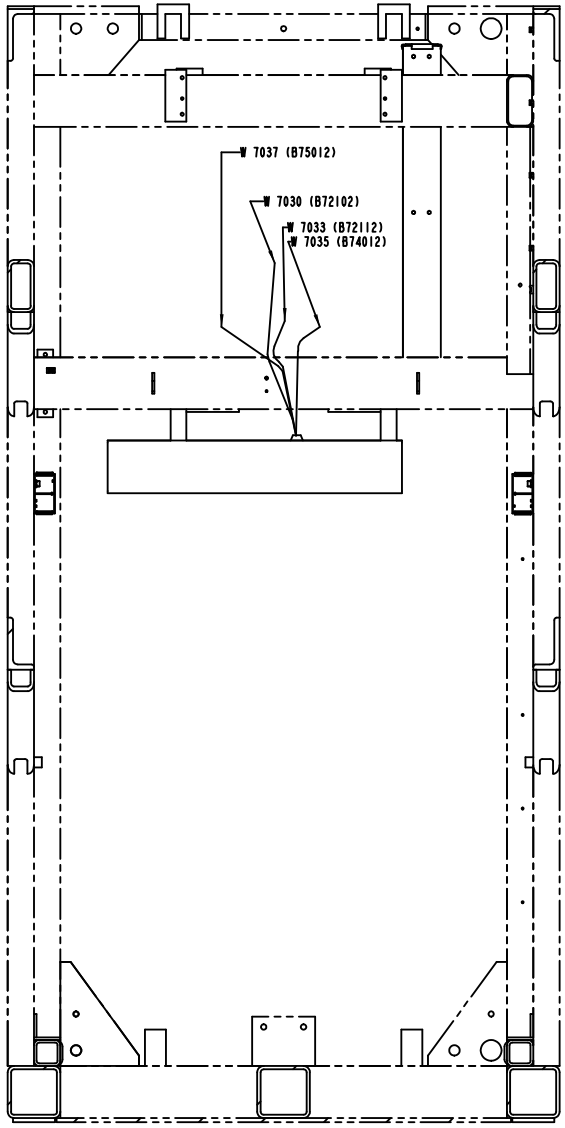
Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 (See drawing on pages: 954, 956, 958)						
060	90099-0104	-		1	NUT, PR 15,2 (PG9)	
Common Parts						
010	1103373-0000	-		1	CABLE DUCT	
020	1103374-0000	-		1	CABLE DUCT	
030	1334260-0000	-		1	CABLE DUCT	
040	1334261-0000	-		1	CABLE DUCT	
050	90015-0021	-		1	LEAD-IN, TET10-14, E-1458023	
070	90143-0060	-	MM	750	EDGE STRIP 9,5X6,3MM BLACK PVC	
100	312115-0366	-		6	SCREW ISO4762 M6X12 A4	
110	312125-0287	-		39	SCREW PAN HEAD MCS M4X8 SS	
120	312503-0275	-		4	SCREW CROSS RECES.RND.HD.TAPP. B6X6.5	
130	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
140	352113-0102	-		60	CLIP-STRIP, BLACK 188X4,8 MM	
150	352113-0205	-		39	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	

Pos	Part No	SP	UN	Qty	Description	Page No

VIEW A.


W 7054 (H2802)
SEE ALSO SHEET 2
SEE ALSO SHEET 2
W 7029 (S7813)
(S7303)
W 7031 (B72101)
W 7032 (B72111)
1
2

SEC. B-B


W 7037 (B75012)
W 7030 (B72102)
W 7033 (B72112)
W 7035 (B74012)

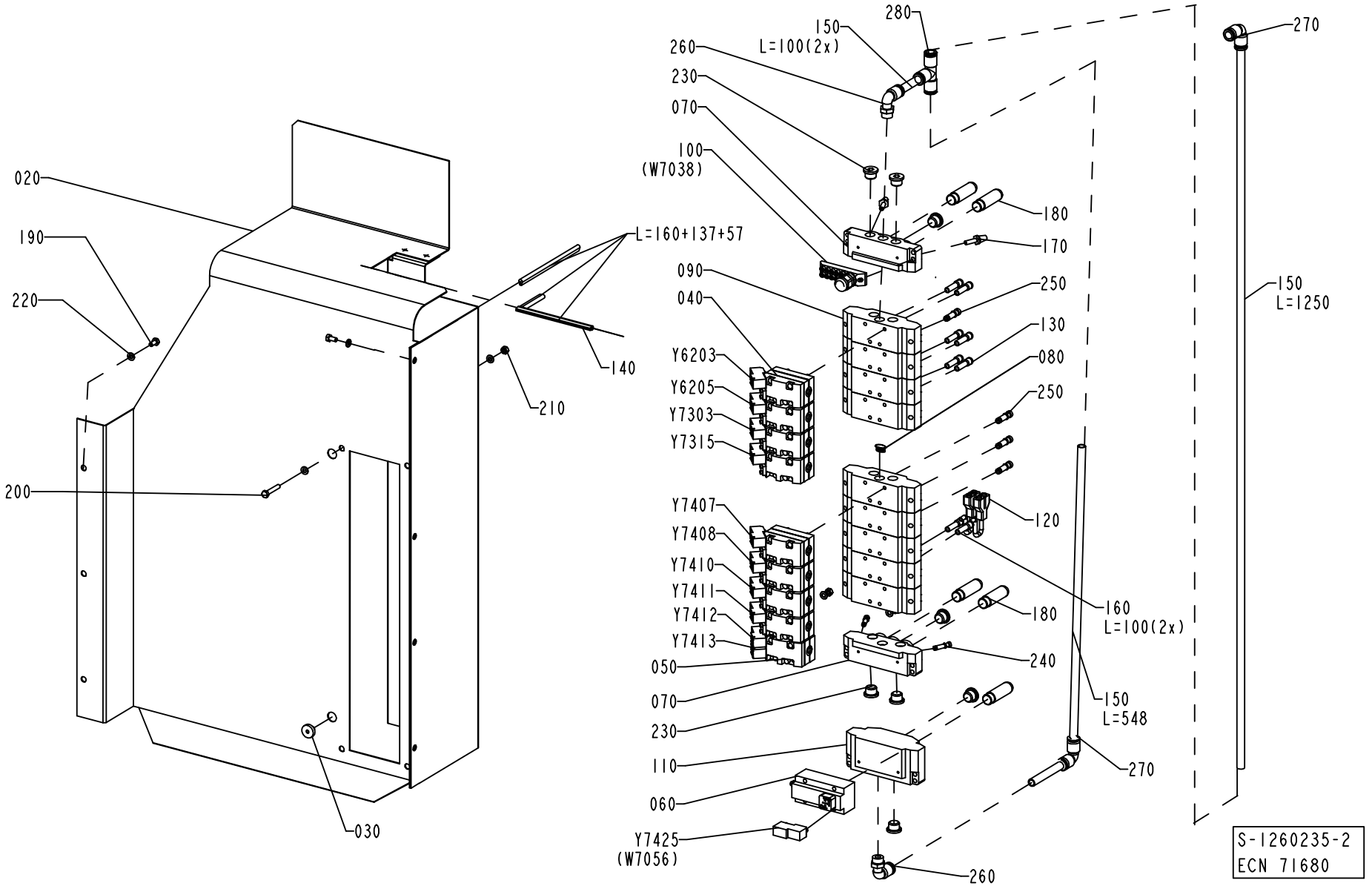
ECM: 91665 - 20010924
Group number: 1035082-0300
Assembly Drawing: 1035082-6_3_AA

This list covers pages from 954 to 959

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21 (See drawing on pages: 954, 956, 958)						
060	90099-0104	-		1	NUT, PR 15,2 (PG9)	
Common Parts						
010	1103373-0000	-		1	CABLE DUCT	
020	1103374-0000	-		1	CABLE DUCT	
030	1334260-0000	-		1	CABLE DUCT	
040	1334261-0000	-		1	CABLE DUCT	
050	90015-0021	-		1	LEAD-IN, TET10-14, E-1458023	
070	90143-0060	-	MM	750	EDGE STRIP 9,5X6,3MM BLACK PVC	
100	312115-0366	-		6	SCREW ISO4762 M6X12 A4	
110	312125-0287	-		39	SCREW PAN HEAD MCS M4X8 SS	
120	312503-0275	-		4	SCREW CROSS RECES.RND.HD.TAPP. B6X6.5	
130	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
140	352113-0102	-		60	CLIP-STRIP, BLACK 188X4,8 MM	
150	352113-0205	-		39	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	

Pos	Part No	SP	UN	Qty	Description	Page No

VALVE PANEL

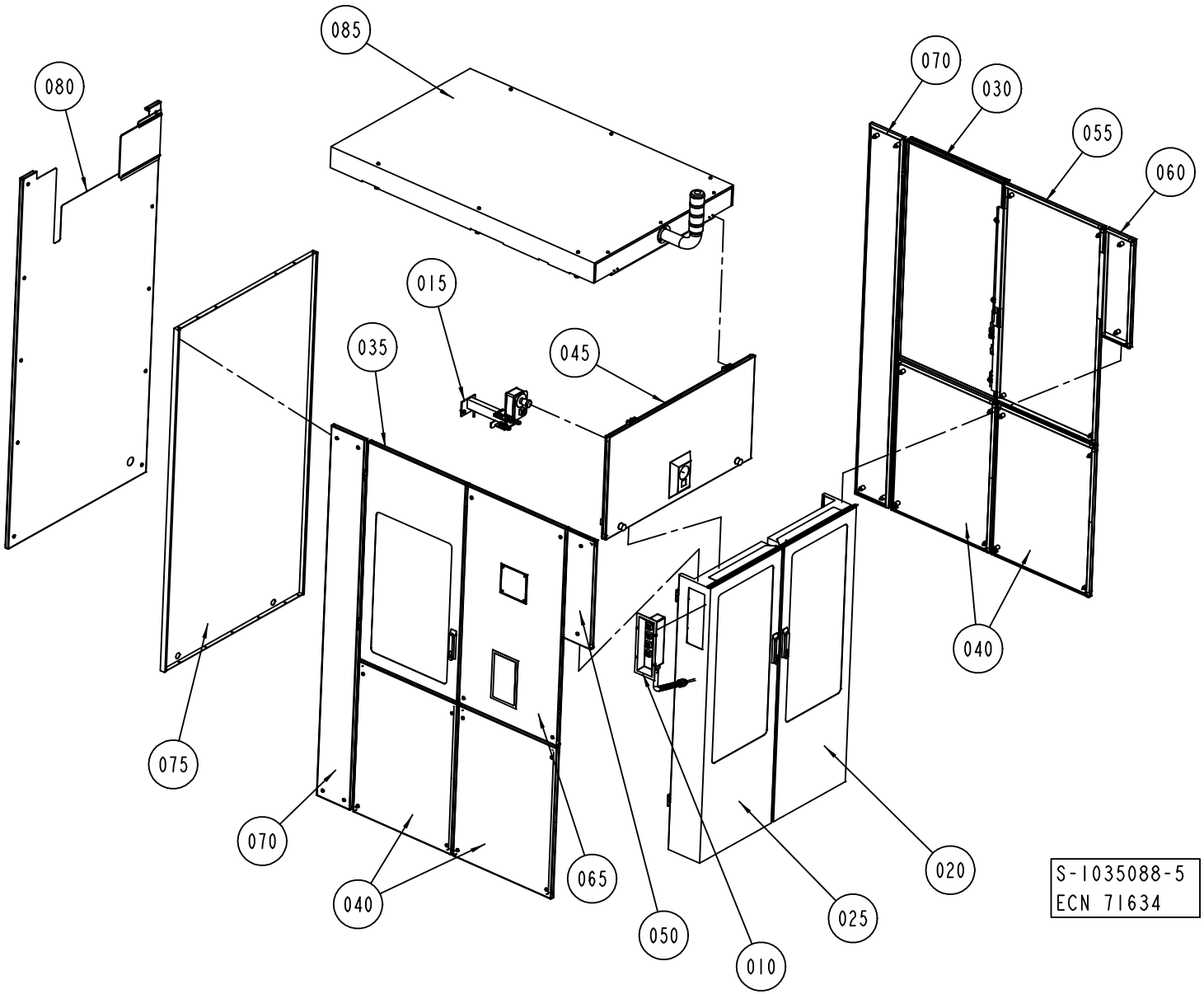

020
190
220
200
030
140
L=160+137+57
210
280
150
L=100(2x)
260
230
070
100
(W7038)
090
040
Y6203
Y6205
Y7303
Y7315
Y7407
Y7408
Y7410
Y7411
Y7412
Y7413
050
070
230
110
060
Y7425
(W7056)
180
170
250
130
080
250
120
160
L=100(2x)
180
240
150
L=548
270
260
270
150
L=1250
S-1260235-2
ECN 71680

ECM: 71680 - 19990504
Group number: 1260235-0200
Assembly Drawing: 1260235-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1129998-0000	-		1	PNEUMATIC DIAGRAM	
020	1348438-0000	-		1	MOUNTING PLATE	
030	90015-0020	-		2	LEAD-IN, TET5-7, E-1458016	
040	90042-0215	C		8	VALVE BODY 5/2 UNISTABLE	
050	90042-0221	C		1	VALVE BODY 5/2 BISTABLE	
060	90042-0265	D		1	HIGH SPEED VENTING VALVE 583-590-000-1	
070	90042-0522	C		2	PORTED END PIECE ISO SIZE 1	
080	90042-0528	C		1	BLANKING KIT SEALS ISO SIZE 1	
090	90042-0532	C		9	BASE PLATE ISO SIZE 1	
100	90042-0535	C		1	TERMINAL BOARD 19 CORDS	
110	90042-0545	D		1	SUB-BASE SOFT START ISO 1 AND VDMA 01	
120	90055-0100	C		2	Y-CONNECTION, 6-6	
130	90055-0171	-		8	REDUCER-8/6	
140	90143-0060	-	MM	194	EDGE STRIP 9,5X6,3MM BLACK PVC	
150	90166-0068	-	MM	2000	TUBE 12 MM PA BLUE	
160	90166-0081	-	MM	200	TUBE 6 MM PA BLUE	
170	90328-0017	C		2	SILENCER, D=6 MM	
180	90328-0024	C		5	SILENCER G3/8	
190	312105-0366	-		7	SCREW M6S M6X12 A280	
200	312109-0376	-		4	SCREW M6S ISO 4017 M6X35 A480	
210	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
220	315105-0153	-		15	WASHER BRB6,4X12RFR	
230	342713-0211	-		8	PLUG, EXT THREAD HEX SOCKET 8638-00-380	
240	342715-0102	-		2	BLIND PLUG 6 MM	
250	342715-0103	-		4	BLIND PLUG 8 MM	
260	342732-0110	-		2	ELBOW PIPE JOINT, EXT.THREAD,D=12MM-G3/8	
270	342735-0109	-		2	ELBOW PIPE JOINT	
280	342748-0109	-		1	T-CONNECTION 12MM	
Y6203	90042-0538	C		1	PILOT VALVE L=500MM	
Y6205	90042-0538	C		1	PILOT VALVE L=500MM	
Y7303	90042-0538	C		1	PILOT VALVE L=500MM	
Y7315	90042-0538	C		1	PILOT VALVE L=500MM	
Y7407	90042-0538	C		1	PILOT VALVE L=500MM	
Y7408	90042-0538	C		1	PILOT VALVE L=500MM	
Y7410	90042-0538	C		1	PILOT VALVE L=500MM	
Y7411	90042-0538	C		1	PILOT VALVE L=500MM	
Y7412	90042-0538	C		1	PILOT VALVE L=500MM	
Y7413	90042-0538	C		1	PILOT VALVE L=500MM	
Y7425	90042-0585	D		1	PILOT VALVE L=5M	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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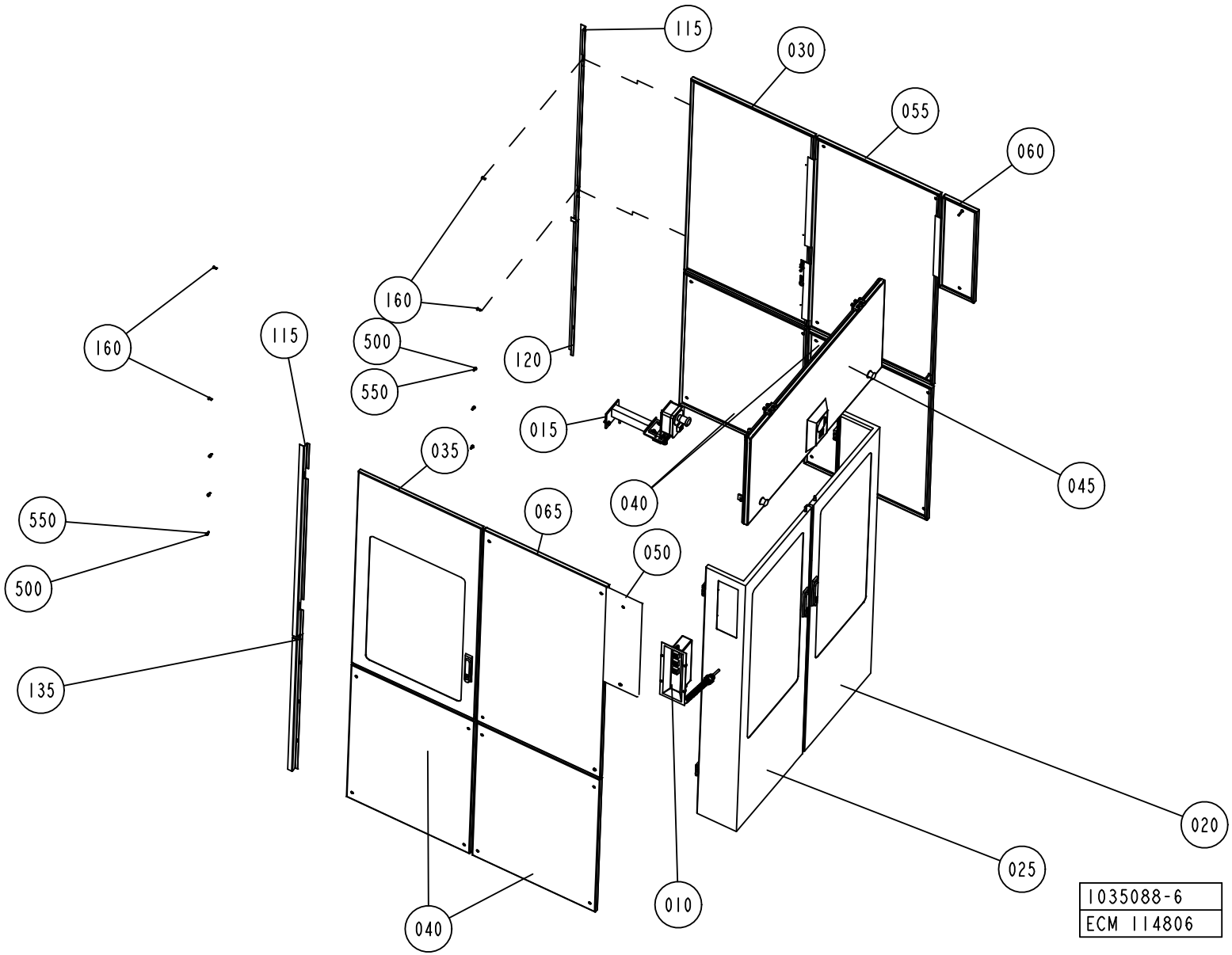
020
S-1035088-5
ECN 71634

ECM: 115826 - 20030209
Group number: 1035088-0400
Assembly Drawing: 1035088-5_1_AA

This list covers pages from 962 to 965

Pos	Part No	SP	UN	Qty	Description	Page No
TBA ASU (See drawing on page: 964)						
010	1095793-0400	-		1	CONTROL PANEL	**967**
065	1035323-0200	-		1	COVER	**969**
115	1037828-0000	-		2	COVER SLIP	
120	1037829-0000	-		1	COVER SLIP	
135	1140009-0000	-		1	COVER SLIP	
160	1129767-0000	-		4	SCREW	
500	312115-0327	-		6	SCREW ISO4762 M5X12 A4	
550	315105-0146	-		6	BRICKA BRB5,3X10RFR	
TBA ASUSEPROOM (See drawing on page: 962)						
010	1095793-0300	-		1	CONTROL PANEL	**971**
065	1035323-0300	-		1	COVER	**973**
070	1346904-0100	-		2	COVER	**977**
075	1346422-0000	-		1	COVER PLATE	
080	1346903-0100	-		1	COVER	**979**
085	1346433-0100	-		1	COVER	**981**
Common Parts						
015	1035313-0300	-		1	EMERGENCY STOP	**985**
020	1035314-0200	-		1	DOOR	**987**
025	1035315-0200	-		1	DOOR	**989**
030	1035316-0200	-		1	DOOR	**991**
035	1035317-0200	-		1	DOOR	**993**
040	1035318-0200	-		4	COVER	**995**
045	1035319-0300	-		1	DOOR	**997**
050	591321-0100	-		1	COVER	**999**
055	1035321-0200	-		1	COVER	**1001**
060	591322-0100	-		1	COVER	**1003**

Pos	Part No	SP	UN	Qty	Description	Page No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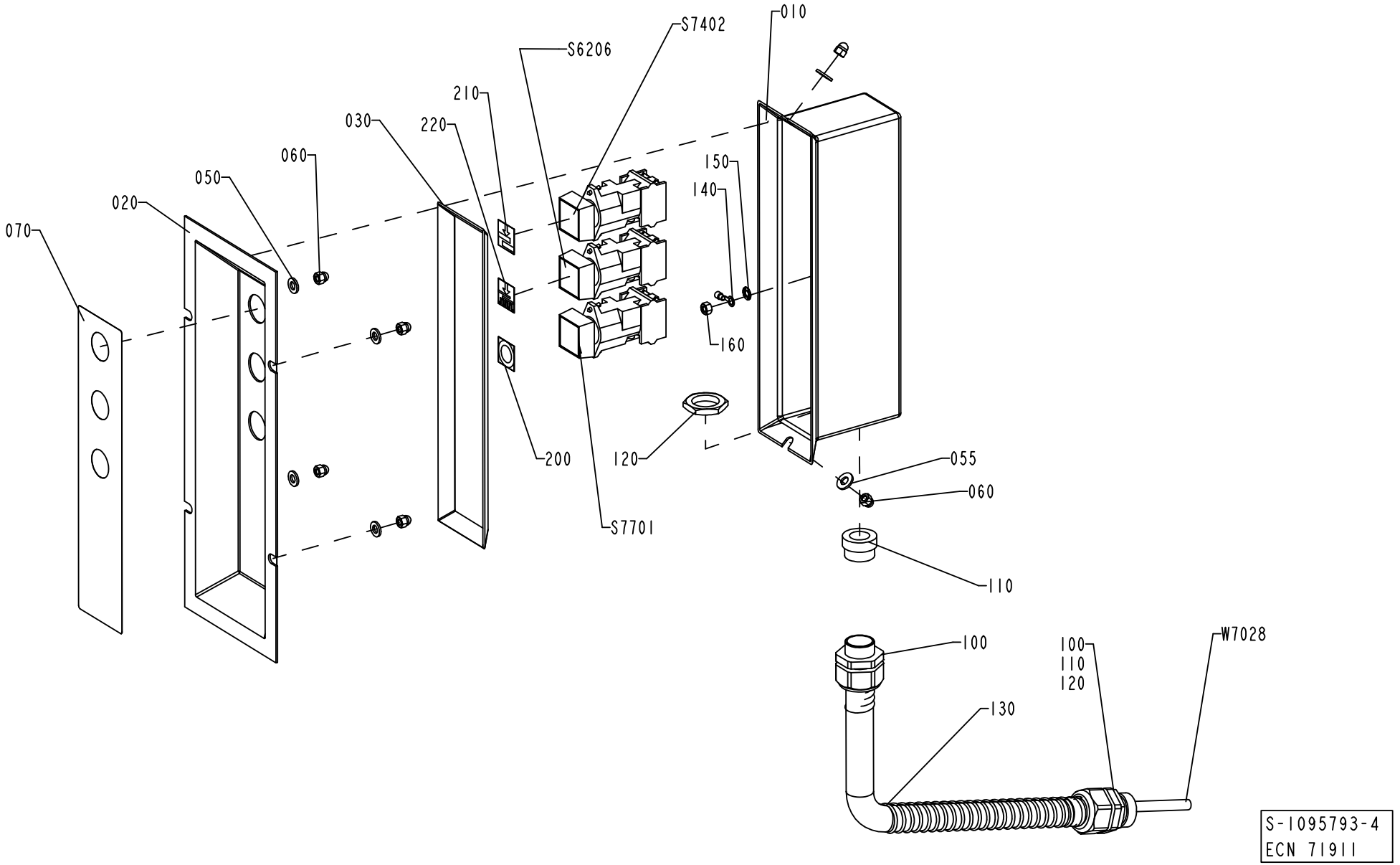
1035088-6
ECM 114806

ECM: 115826 - 20030209
Group number: 1035088-0400
Assembly Drawing: 1035088-6_1_AB

This list covers pages from 962 to 965

Pos	Part No	SP	UN	Qty	Description	Page No
TBA ASU (See drawing on page: 964)						
010	1095793-0400	-		1	CONTROL PANEL	**967**
065	1035323-0200	-		1	COVER	**969**
115	1037828-0000	-		2	COVER SLIP	
120	1037829-0000	-		1	COVER SLIP	
135	1140009-0000	-		1	COVER SLIP	
160	1129767-0000	-		4	SCREW	
500	312115-0327	-		6	SCREW ISO4762 M5X12 A4	
550	315105-0146	-		6	BRICKA BRB5,3X10RFR	
TBA ASUSEPROOM (See drawing on page: 962)						
010	1095793-0300	-		1	CONTROL PANEL	**971**
065	1035323-0300	-		1	COVER	**973**
070	1346904-0100	-		2	COVER	**977**
075	1346422-0000	-		1	COVER PLATE	
080	1346903-0100	-		1	COVER	**979**
085	1346433-0100	-		1	COVER	**981**
Common Parts						
015	1035313-0300	-		1	EMERGENCY STOP	**985**
020	1035314-0200	-		1	DOOR	**987**
025	1035315-0200	-		1	DOOR	**989**
030	1035316-0200	-		1	DOOR	**991**
035	1035317-0200	-		1	DOOR	**993**
040	1035318-0200	-		4	COVER	**995**
045	1035319-0300	-		1	DOOR	**997**
050	591321-0100	-		1	COVER	**999**
055	1035321-0200	-		1	COVER	**1001**
060	591322-0100	-		1	COVER	**1003**

Pos	Part No	SP	UN	Qty	Description	Page No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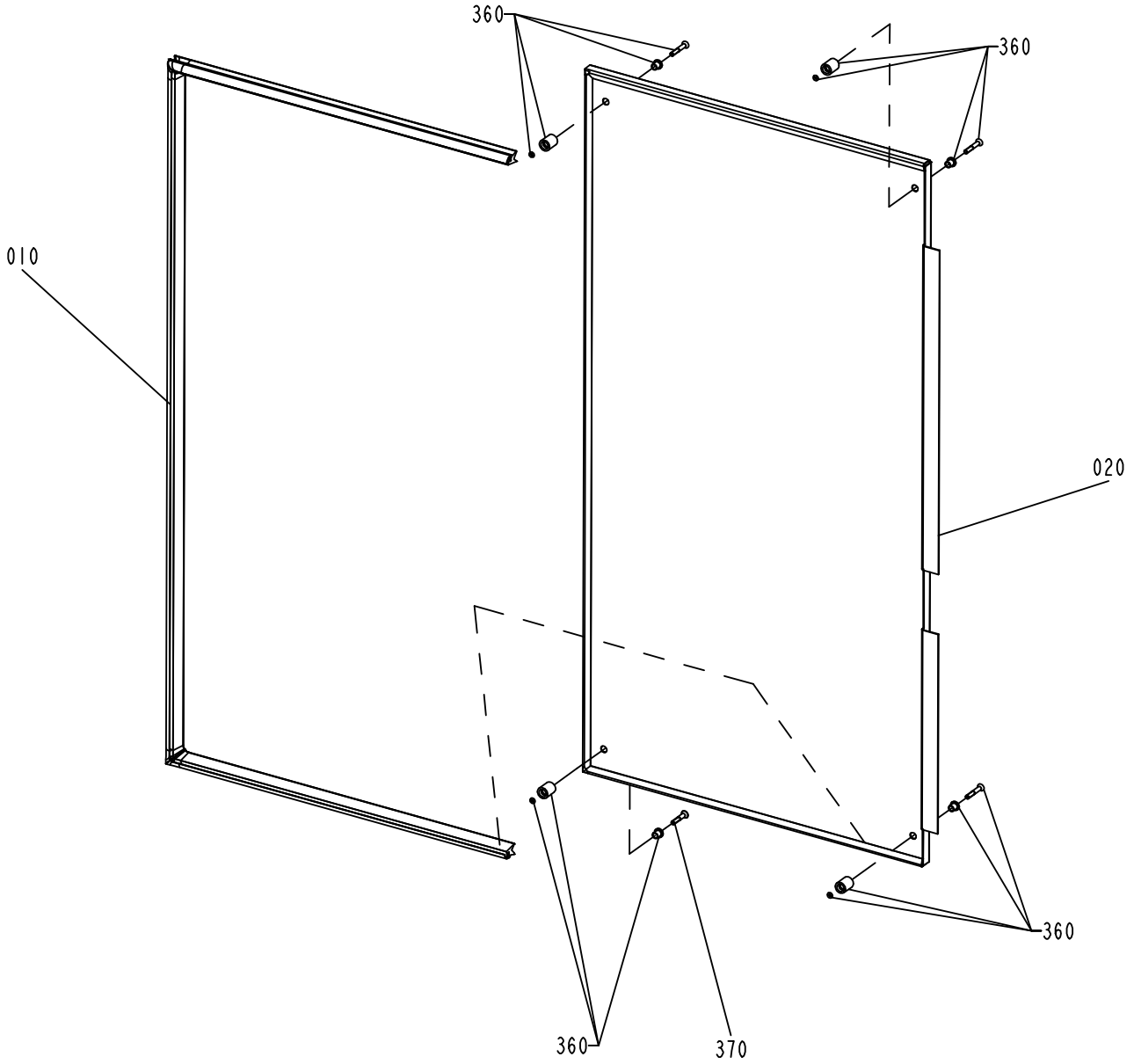
W7028
S-1095793-4
ECN 71911

ECM: 109151 - 20021126
Group number: 1095793-0400
Assembly Drawing: 1095793-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21						
200	359301-0110	-		1	SIGN "SHORT STOP"	
Common Parts						
010	1037097-0000	-		1	PUSH BUTTON BOX	
020	1037098-0000	-		1	LID	
030	90143-0069	-	MM	800	RUBBER STRIP	
050	315105-0153	-		4	WASHER BRB6,4X12RFR	
055	315105-0156	-		2	WASHER BRB 6.7X14 RFR	
060	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
070	1037142-0000	-		1	FOIL	
100	353243-0005	-		2	EXTENDED WITHOUT INSERT, PG16	
110	353249-0014	-		2	INSERT, SINGEL HOLE, EK 154/16	
120	90099-0110	-		2	NUT, PR 22,5 (PG16)	
130	90152-0051	-	MM	550	SPIRAL CONDUIT, 25X18, UL 1816	
140	353101-0122	-		1	KABELSKO	
150	90062-0040	-		1	LOCK WASHER SERRAT.INT.GEAR,5,3/10 H=0,6	
160	312605-0314	-		1	HEXAGON NUT, M6M M5 A280	
210	359301-0100	-		1	SIGN "SPLICING"	
220	359301-0101	-		1	SIGN	
S6206	90064-0082	A		1	PUSH BUTTON, WHITE	
	90036-0057	*B*		*1*	*LIGHT BULB, BA9S 28V*	
S7402	90064-0082	A		1	PUSH BUTTON, WHITE	
	90036-0057	*B*		*1*	*LIGHT BULB, BA9S 28V*	
S7701	90064-0084	A		1	PUSH BUTTON, YELLOW	
W7028	351150-0406	-	MM	5000	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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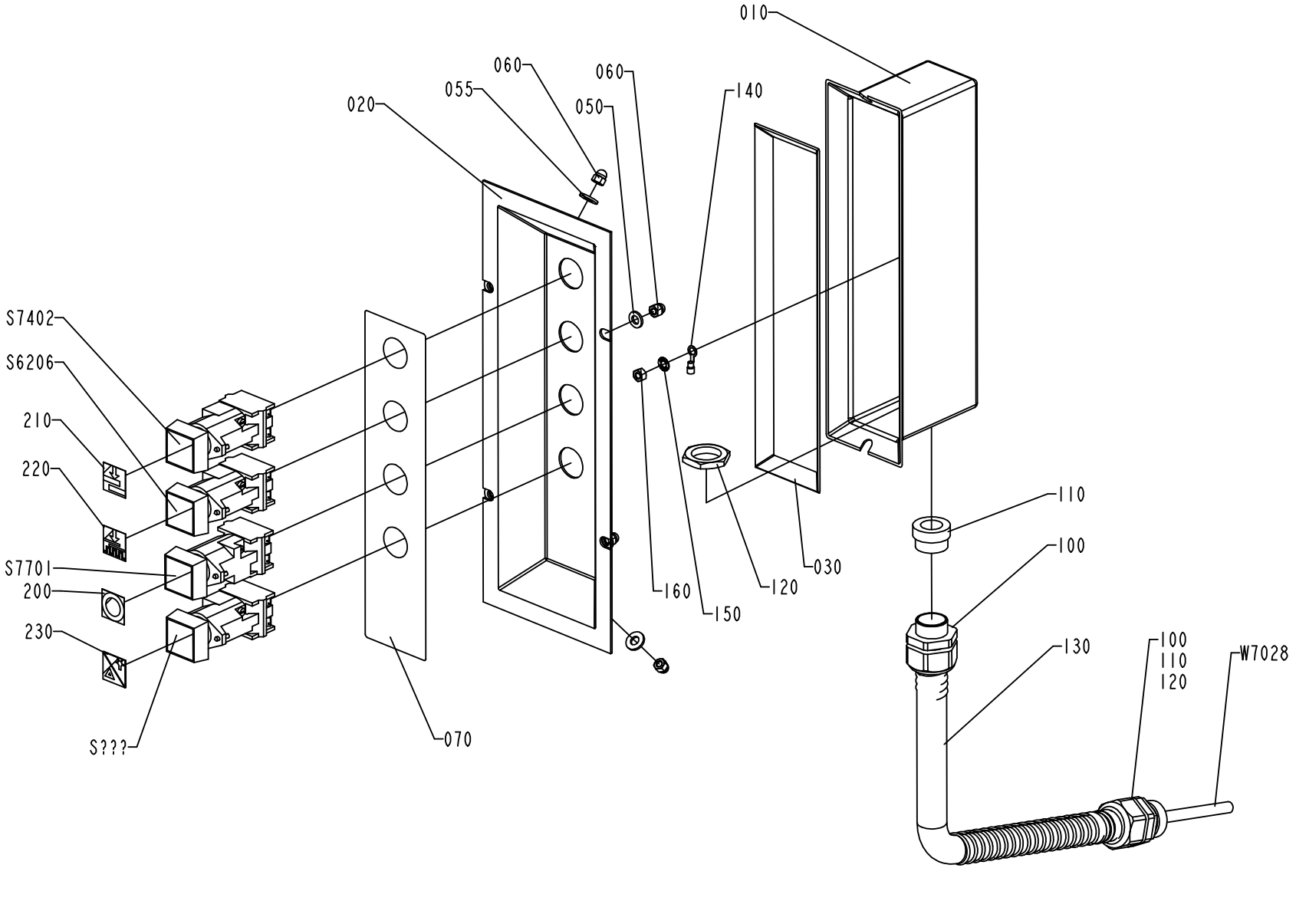
360
360
370

ECM: 72175 - 19990427
Group number: 1035323-0200
Assembly Drawing: 1035323-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1296105-0000	-		1	SEALING STRIP	
020	1116047-0000	-		1	HATCH	
360	90226-0458	-		4	MOUNTING SCREW	
370	312155-0376	-		1	SCREW EN 10642 MF6S M6X35 A480	

Pos	Part No	SP	UN	Qty	Description	Page No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110
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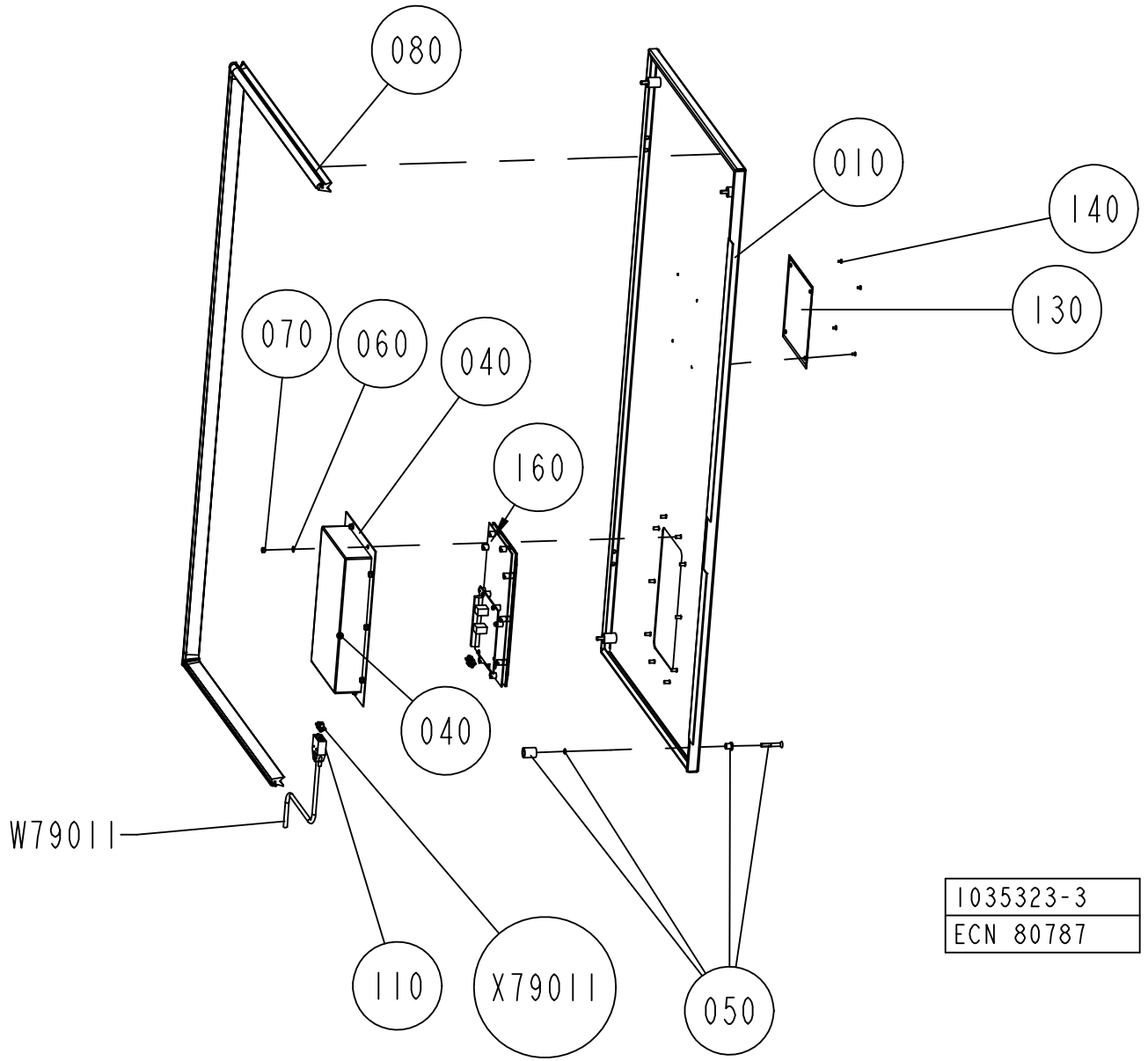
W7028
S-1095793-3
ECN 72226

ECM: 109150 - 20021126
Group number: 1095793-0300
Assembly Drawing: 1095793-3_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037097-0000	-		1	PUSH BUTTON BOX	
020	1346905-0000	-		1	LID	
030	90143-0069	-	MM	800	RUBBER STRIP	
050	315105-0153	-		4	WASHER BRB6,4X12RFR	
055	315105-0156	-		2	WASHER BRB 6.7X14 RFR	
060	312705-0314	-		6	NUT HEX. DOMED CAP MHM-6 M5 A280	
070	1348912-0000	-		1	FOIL	
100	353243-0005	-		2	EXTENDED WITHOUT INSERT, PG16	
110	353249-0014	-		2	INSERT, SINGEL HOLE, EK 154/16	
120	90099-0110	-		2	NUT, PR 22,5 (PG16)	
130	90152-0051	-	MM	550	SPIRAL CONDUIT, 25X18, UL 1816	
140	353101-0122	-		1	KABELSKO	
150	90062-0040	-		1	LOCK WASHER SERRAT.INT.GEAR,5,3/10 H=0,6	
160	312605-0314	-		1	HEXAGON NUT, M6M M5 A280	
200	359301-0110	-		1	SIGN "SHORT STOP"	
210	359301-0100	-		1	SIGN "SPLICING"	
220	359301-0101	-		1	SIGN	
230	359301-0131	-		1	BUTTON SIGN, LAMP TEST / ALARM RES.	
S6206	90064-0082	A		1	PUSH BUTTON, WHITE	
	90036-0057	*B*		*1*	*LIGHT BULB, BA9S 28V*	
S7402	90064-0082	A		1	PUSH BUTTON, WHITE	
	90036-0057	*B*		*1*	*LIGHT BULB, BA9S 28V*	
S7701	90064-0084	A		1	PUSH BUTTON, YELLOW	
S7901	90064-0082	A		1	PUSH BUTTON, WHITE	
	90036-0057	*B*		*1*	*LIGHT BULB, BA9S 28V*	
W7028	351150-0407	-	MM	5000	CABLE OLFLEX 12X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No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W79011
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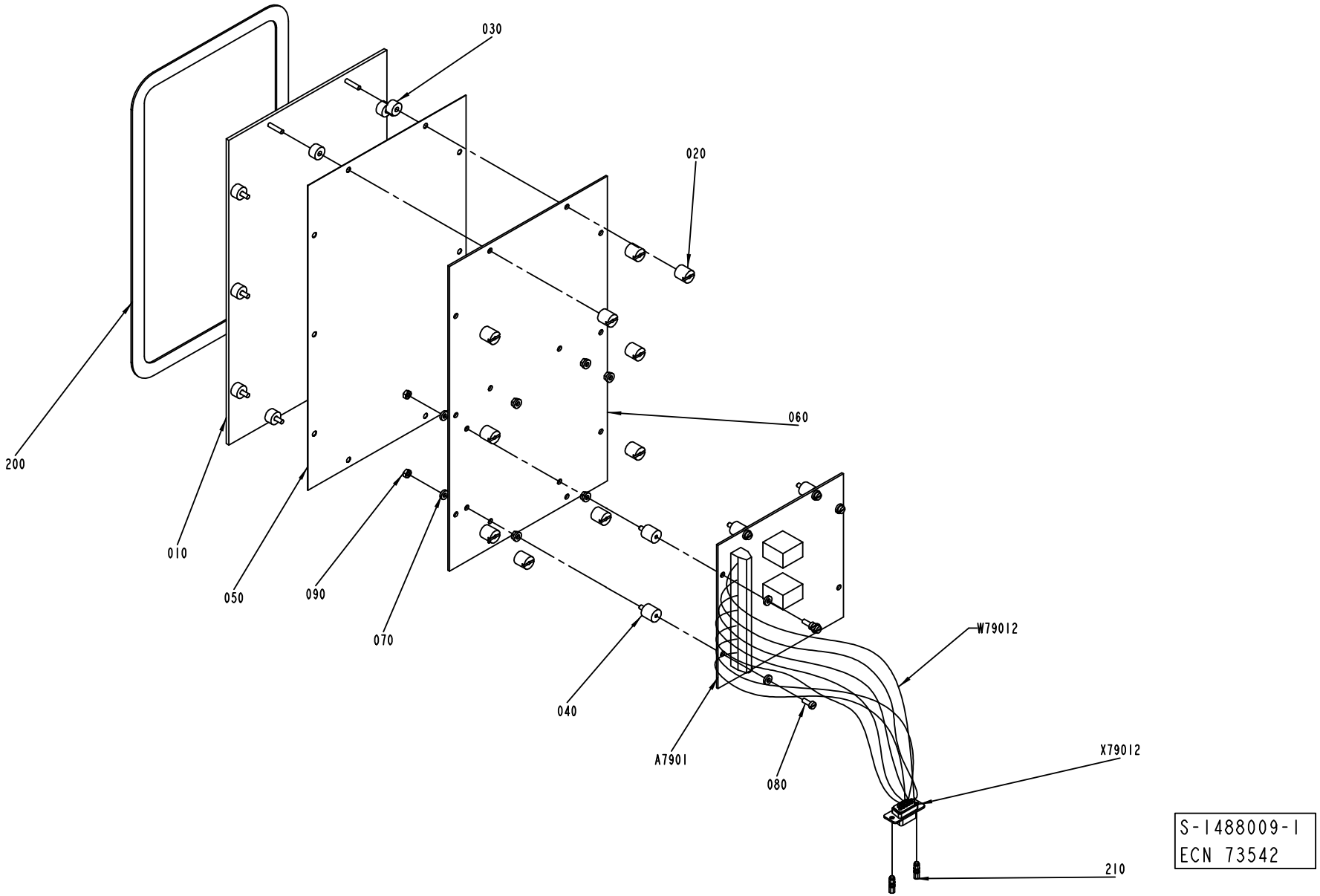
1035323-3
ECN 80787

ECM: 109157 - 20021126
Group number: 1035323-0300
Assembly Drawing: 1035323-3_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346420-0000	-		1	COVER	
040	1346423-0000	-		1	COVER	
050	90226-0458	-		4	MOUNTING SCREW	
060	315105-0146	-		10	BRICKA BRB5,3X10RFR	
070	312605-0314	-		10	HEXAGON NUT, M6M M5 A280	
080	1296105-0000	-		1	SEALING STRIP	
110	90110-0144	-		1	COVER	
130	574658-0000	-		1	LOGOTYPE TP	
140	311521-0142	-		4	BLANK RIVET 3,2X6	
160	1488009-0100	-		1	PANEL	**975**
W7901	90220-0092	-	M	5	PAIR TWISTED CABLE 3X2X0,25MM2	
X79011	90110-0147	-		1	CONTACT UNIT	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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A7901
080
X79012
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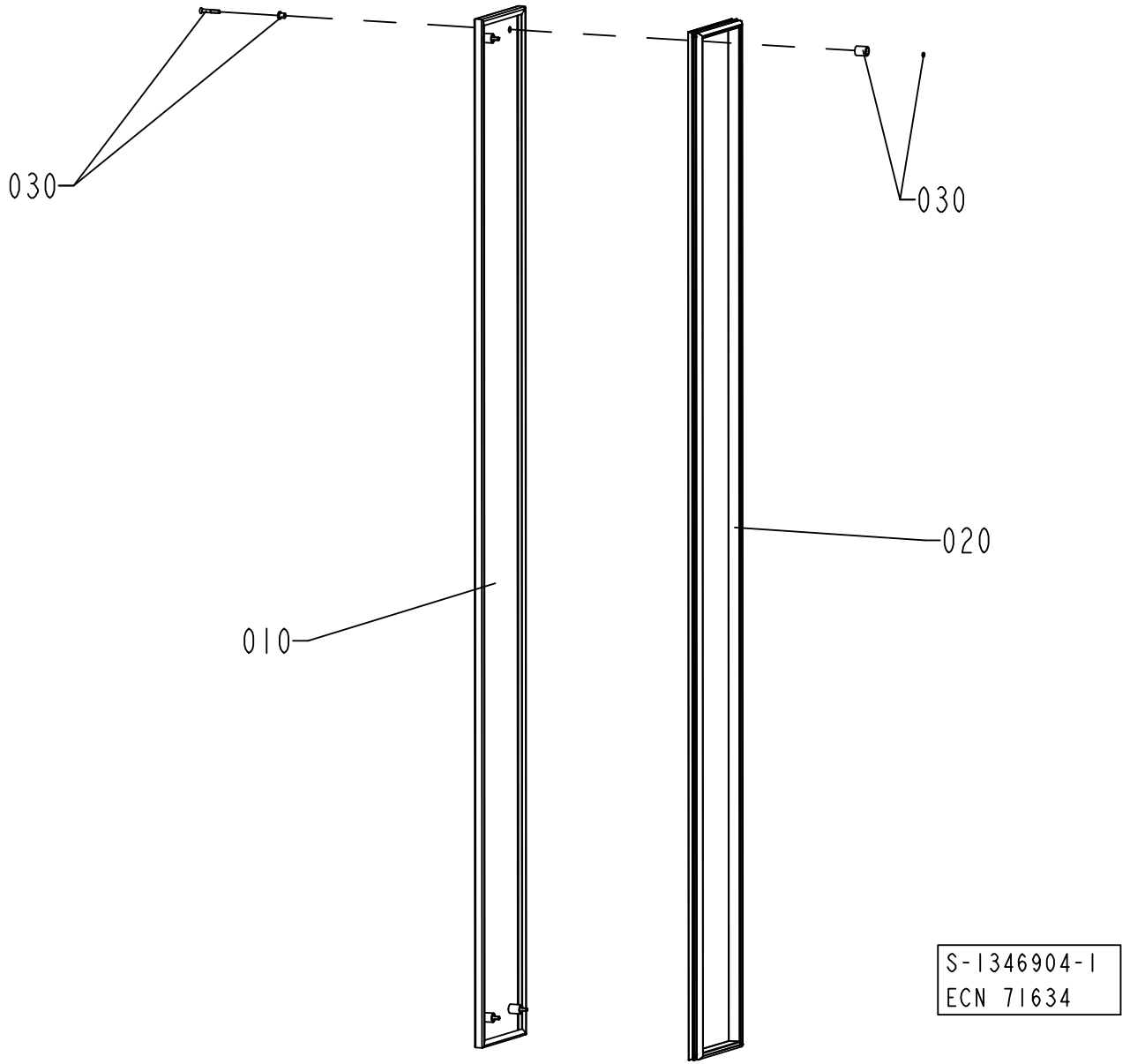
S-1488009-1
ECN 73542

ECM: 73542 - 20000414
Group number: 1488009-0100
Assembly Drawing: 1488009-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA/21-0500						
050	1366779-0000	-		1	DISPLAY	
060	1366780-0000	-		1	CIRCUIT BOARD	
Common Parts						
010	599556-0000	-		1	WINDOW	
020	970261-0000	-		10	SPACER SCREW 10,2X10MM	
030	971286-0000	-		10	SPACER H=6MM	
040	970262-0000	-		8	SPACER NUT	
070	1488007-0000	-		16	WASHER	
080	312125-0222	-		8	SPåRSKRUV MCS M3X8 SS	
090	312605-0310	-		81	HEXAGON NUT, M6M M3 A280	
200	90144-0044	-		1	TAPE SCOTCH VHB 4945;12,7MM	
210	90110-0382	-		2	FASTENING NUT	
A7901	68699-0101	-		1	MULTIPLEXER CARD 56LED	
010	*578860-0000*	*-*		*1*	*CIRCUIT BOARD*	
020	*578861-0001*	*-*			*COMPONENTS WITHOUT TP-NO*	
W79012	351179-0102	-	MM	1000	CABLE AWM 1X075 MM2 BLACK	
X79012	90110-0141	-		1	CONTACT UNIT, DE09P064TX	

Pos	Part No	SP	UN	Qty	Description	Page No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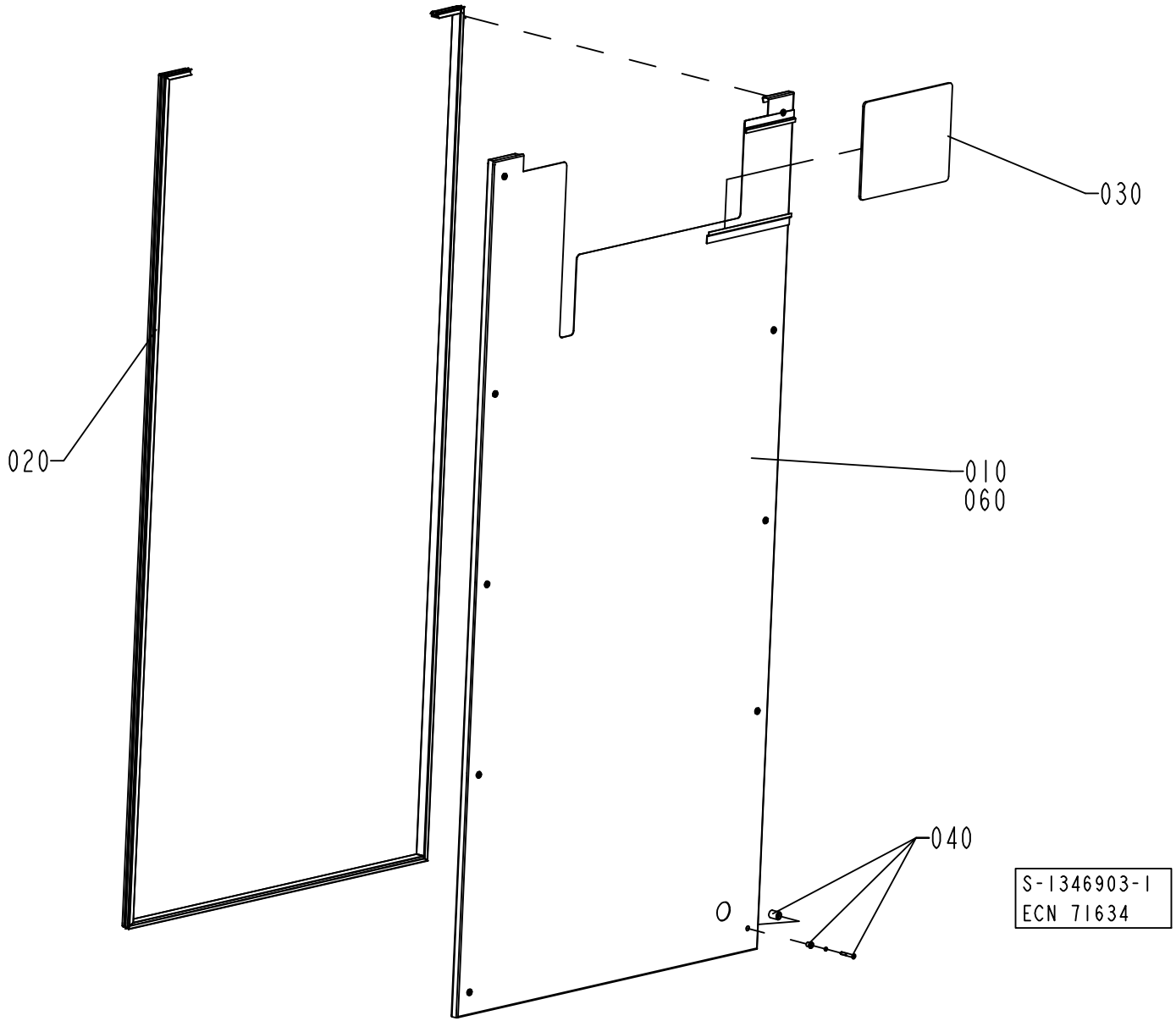
ECN 71634

ECM: 71634 - 19990112
Group number: 1346904-0100
Assembly Drawing: 1346904-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346414-0000	-		1	COVER PLATE	
020	1346428-0000	-		1	RUBBER STRIP	
030	90226-0458	-		4	MOUNTING SCREW	

Pos	Part No	SP	UN	Qty	Description	Page No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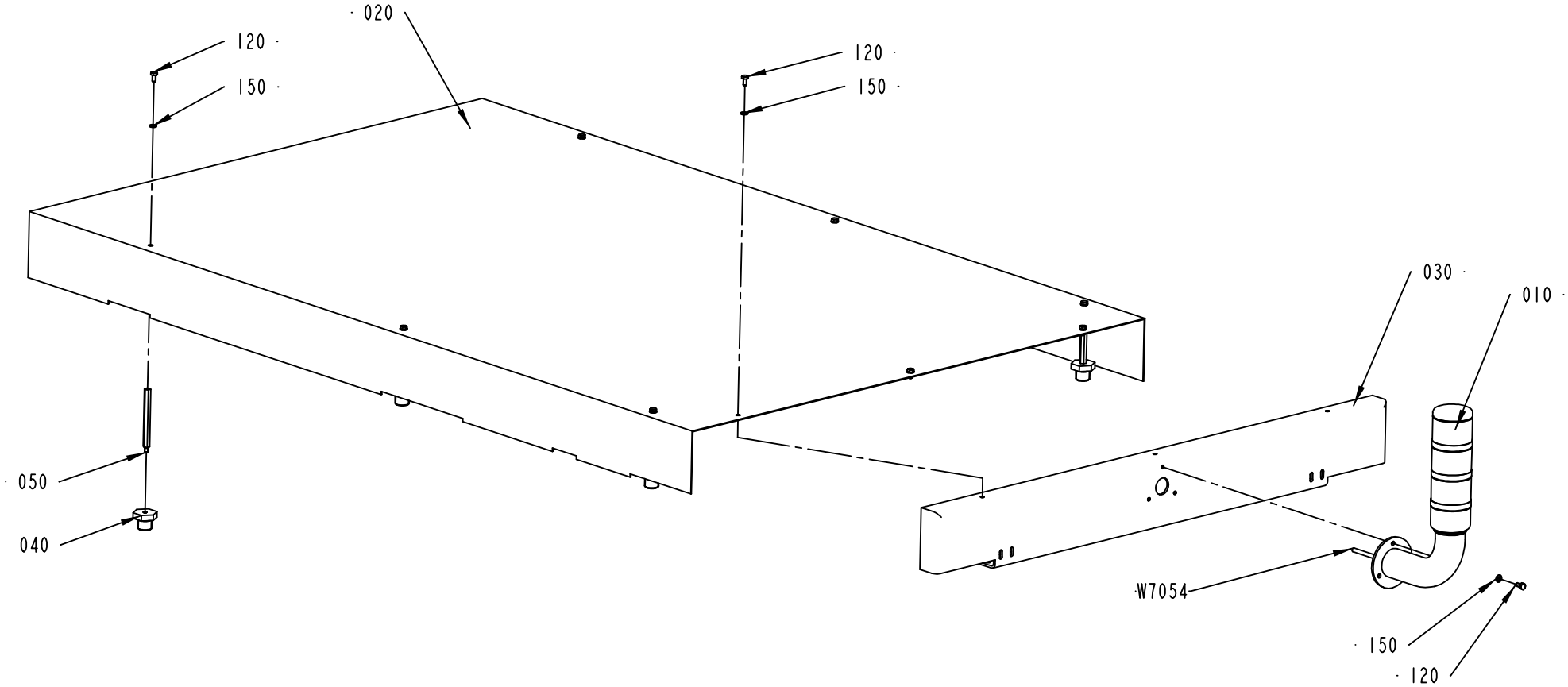
S-1346903-1
ECN 71634

ECM: 71634 - 19990112
Group number: 1346903-0100
Assembly Drawing: 1346903-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346425-0000	-		1	COVER PLATE	
020	1346907-0000	-		1	RUBBER STRIP	
030	1348898-0000	-		1	GLASS	
040	90226-0458	-		10	MOUNTING SCREW	
060	90143-0060	-	M	1	EDGE STRIP 9,5X6,3MM BLACK PVC	

Pos	Part No	SP	UN	Qty	Description	Page No



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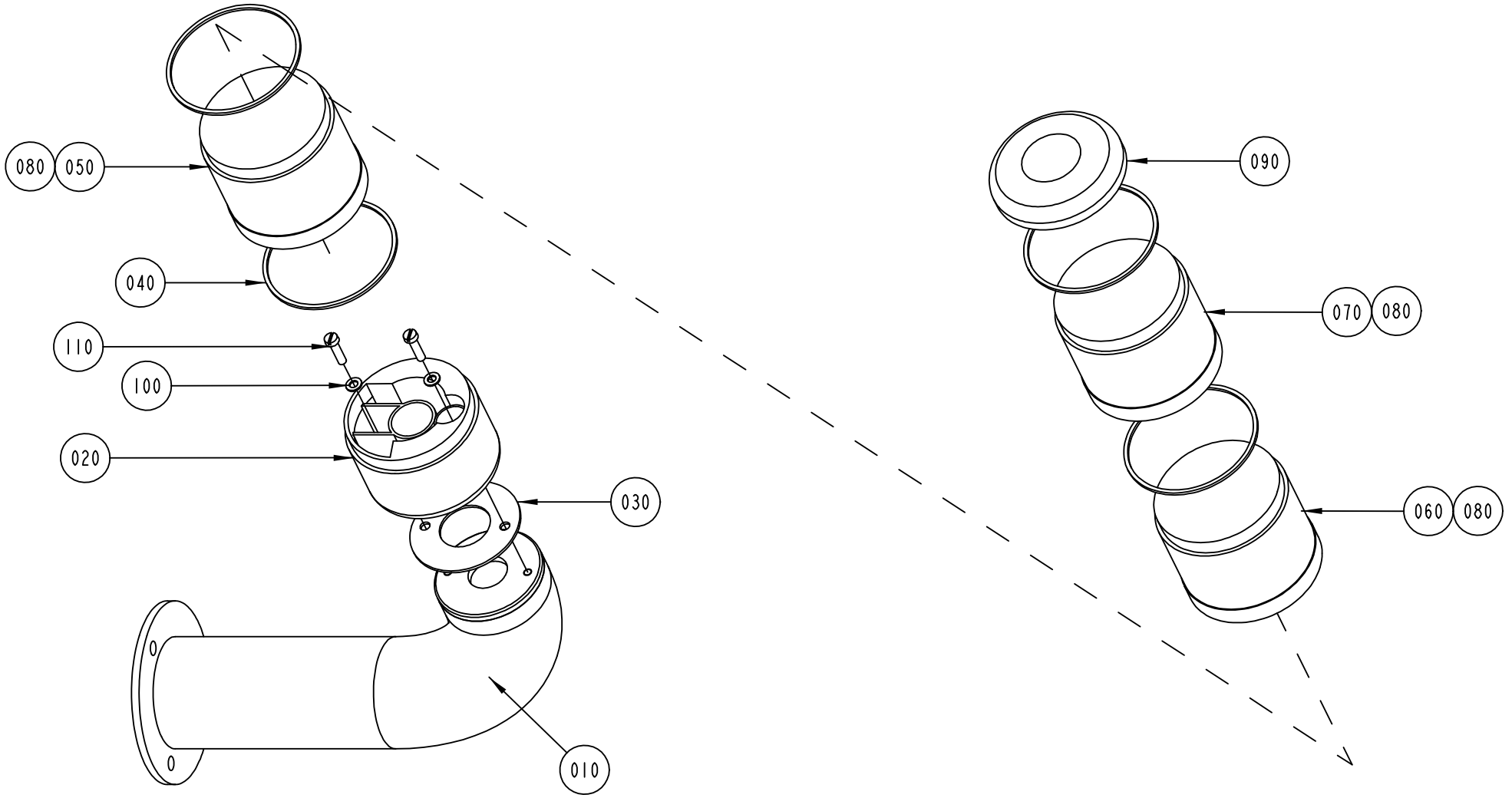
ECM 103657

ECM: 109152 - 20021126
Group number: 1346433-0100
Assembly Drawing: 1346433-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1317983-0100	-		1	ALARM BEACON	**395, 983**
020	1346415-0000	-		1	COVER PLATE	
030	1346416-0000	-		1	HOLDER	
040	1346427-0000	-		6	DISTANCE	
050	1348918-0000	-		6	DISTANCE	
120	312105-0366	-		12	SCREW M6S M6X12 A280	
150	315105-0153	-		12	WASHER BRB6,4X12RFR	
W 7054	351150-0406	-	M	8	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

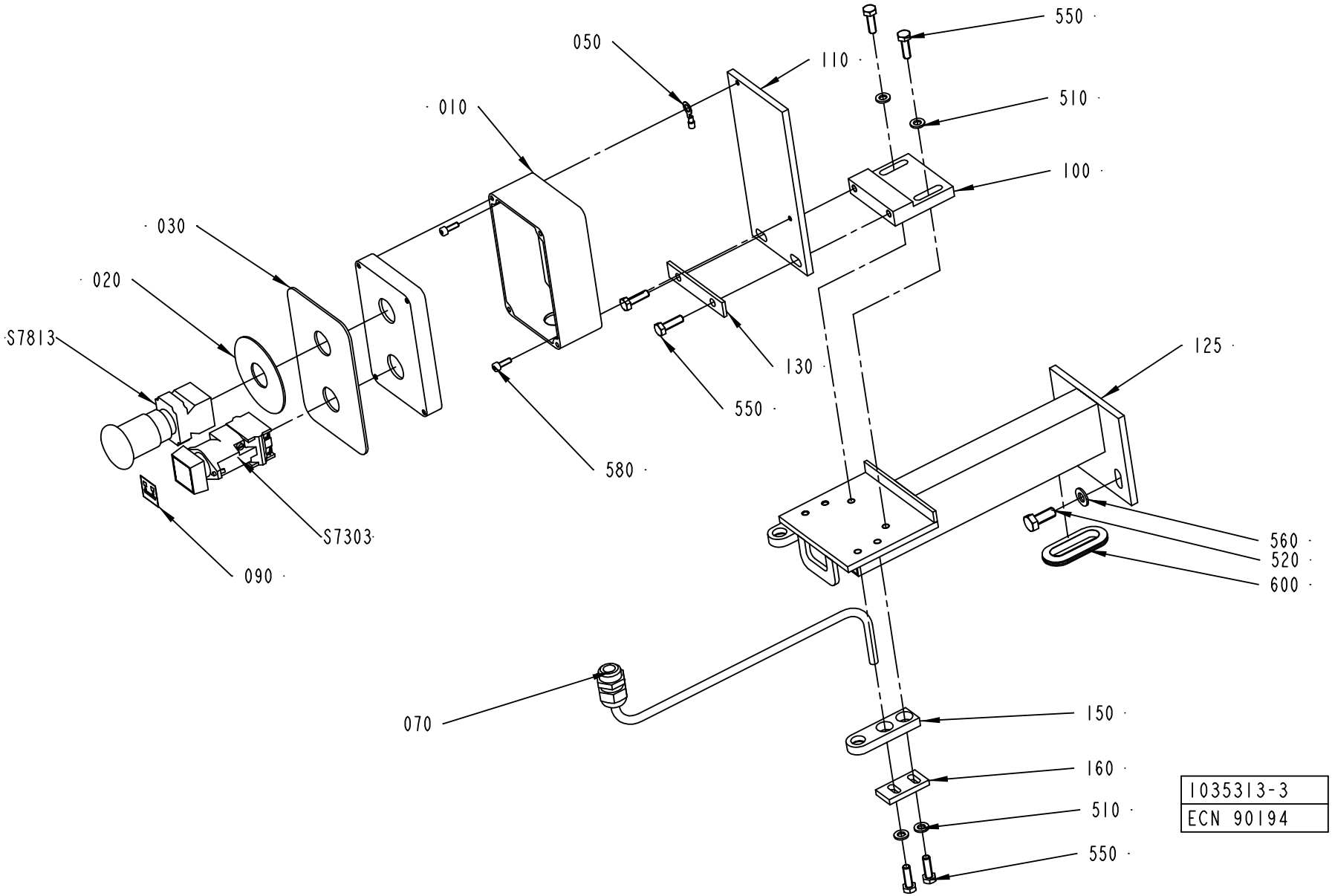


S-1317983-1
ECN 71634

ECM: 90290 - 20010302
Group number: 1317983-0100
Assembly Drawing: 1317983-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1317793-0000	B		1	BASE	
020	1317794-0000	-		1	BASE	
030	90419-0310	A		1	GASKET	
040	90419-0307	A		4	GASKET	
050	90419-0013	B		1	LIGHT ELEMENT, BLUE	
060	90419-0014	B		1	LIGHT ELEMENT, YELLOW	
070	90419-0012	B		1	LIGHT ELEMENT, RED	
080	90036-0068	A		3	BULB 6.5W 24V	
090	90419-0017	-		1	BASE	
100	315105-0136	-		2	WASHER BRB4,3XRFR	
110	312125-0293	-		2	SCREW PAN HEAD MCS M4X16 SS	

Pos	Part No	SP	UN	Qty	Description	Page No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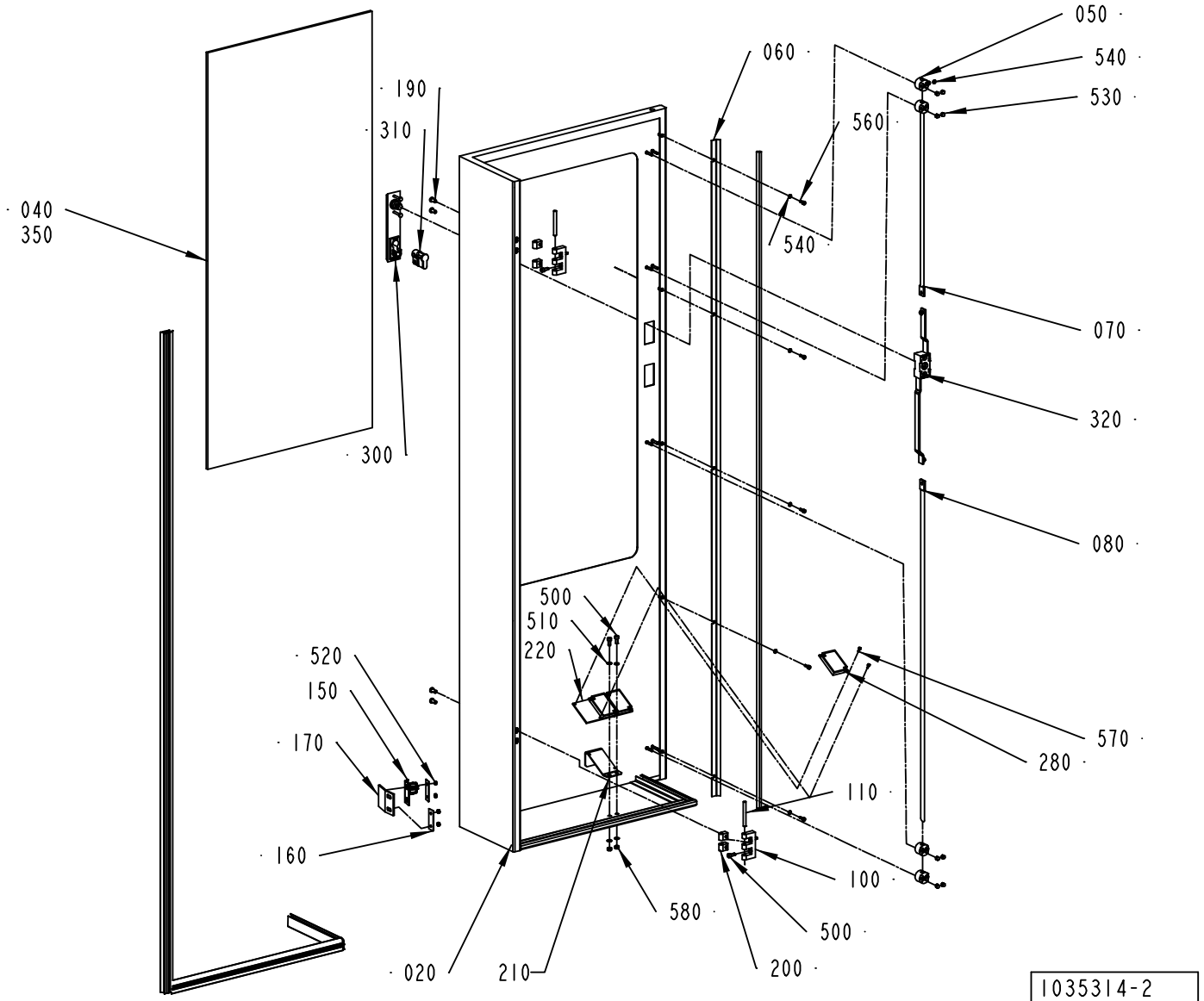
1035313-3
ECN 90194

ECM: 93137 - 20010807
Group number: 1035313-0300
Assembly Drawing: 1035313-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1254022-0000	-		1	PUSH BUTTON BOX	
020	486826-0001	-		1	SIGN "EMERGENCY STOP"	
030	1040990-0000	-		1	RUBBER PLATE	
050	353101-0123	-		1	CABLE SHOE 0,5-1,5MM2 RED	
070	352103-0106	-		1	CABLE GLAND, ST 11, PR18,6/PG11	
090	359301-0488	-		1	BUTTON SIGN, MATERIAL LOCKING	
100	591324-0000	-		1	HOLDER	
110	1254003-0000	-		1	BRACKET	
120	1558276-0000	-		1	BRACKET	
130	591325-0000	-		1	WASHER	
150	1038903-0000	-		2	BRACKET	
160	1038904-0000	-		2	WASHER	
510	315105-0153	-		6	WASHER BRB6,4X12RFR	
520	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
550	312105-0370	-		8	SCREW M6S ISO 4017 M6X20 A480	
560	315105-0165	-		2	WASHER BRB8,4X16RFR	
580	312115-0291	-		2	SCREW ISO4762 M4X12 A4	
600	90143-0060	-	MM	120	EDGE STRIP 9,5X6,3MM BLACK PVC	
S7303	90064-0082	A		1	PUSH BUTTON, WHITE	
	90036-0057	*B*		*1*	*LIGHT BULB, BA9S 28V*	
S7813	90064-0124	A		1	SWITCH, EM. STOP, ZB2-BS844+ZB2-BZ1045	
W7029	351150-0406	-	M	5	CABLE OLFLEX 7X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No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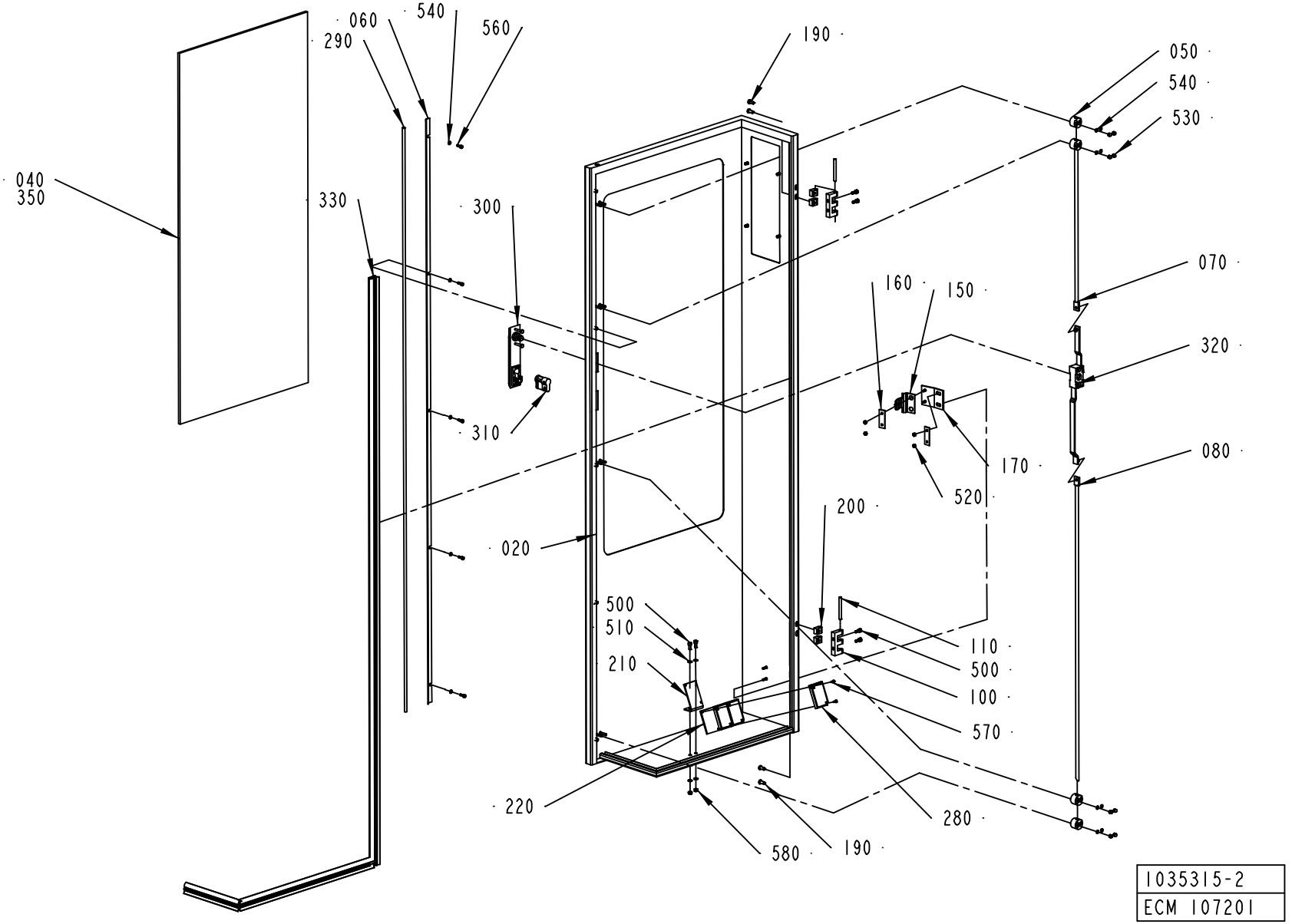
1035314-2
ECM 114806

ECM: 115002 - 20030209
Group number: 1035314-0200
Assembly Drawing: 1035314-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1558272-0000	-		1	DOOR	
040	2533633-0000	-		1	GLASS PANE	
050	1129274-0000	-		4	GUIDE LUG	
060	1038901-0000	-		1	RIM	
070	1036304-0009	-		1	LOCKING ARM	
080	1036304-0010	-		1	LOCKING ARM	
100	1035792-0000	-		2	E-HINGE	
110	988685-0000	-		2	PIN	
150	975917-0000	A		1	KEY FOR SAFETY SWITCH 90044-103	
160	1036563-0000	-		2	WASHER	
170	1040993-0000	-		1	MOUNTING SHEET	
190	1129767-0000	-		4	SCREW	
200	1129770-0000	-		4	BLOCKING PIECE	
210	2529414-0000	-		1	HOLDER	
220	1484717-0000	-		1	PLATE	
280	90232-0333	A		3	REFLECTOR E39-R1	
290	90143-0059	-	MM	1575	SEAL STRIP 4610069	
300	90237-0175	-		1	TURNING HANDLE	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
330	90143-0089	-	MM	2280	RUBBER STRIP	
350	90157-0041	-	L	1	SEALING COMPOUND	
500	312115-0327	-		6	SCREW ISO4762 M5X12 A4	
510	315105-0146	-		4	BRICKA BRB5,3X10RFR	
520	312605-0312	-		4	HEXAGON NUT, M6M M4 A280	
530	312705-0312	-		8	NUT HEX. DOMED CAP MHM-6 M4 A280	
540	315105-0136	-		13	WASHER BRB4,3XRFR	
560	312115-0291	-		5	SCREW ISO4762 M4X12 A4	
570	312125-0222	-		6	SPåRSKRUV MCS M3X8 SS	
580	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	

Pos	Part No	SP	UN	Qty	Description	Page No


040
350
060
290
540
560
330
300
310
190
050
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530
070
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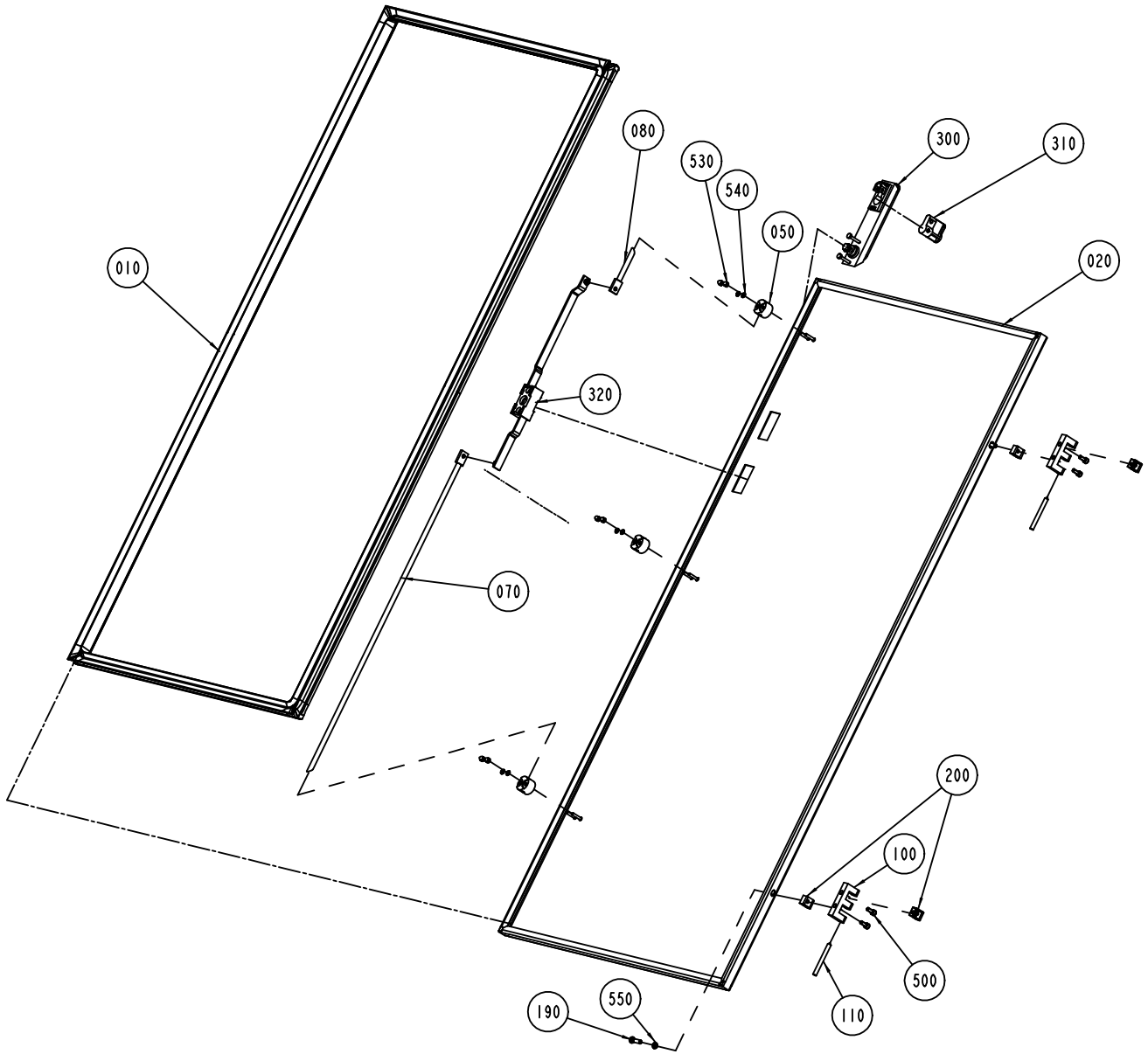
150
320
080
170
520
200
020
500
510
210
110
500
100
570
220
280
580
190
1035315-2
ECM 107201

ECM: 115003 - 20030209
Group number: 1035315-0200
Assembly Drawing: 1035315-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1558273-0000	-		1	DOOR	
040	2533633-0000	-		1	GLASS PANE	
050	1129274-0000	-		4	GUIDE LUG	
060	1038901-0000	-		1	RIM	
070	1036304-0009	-		1	LOCKING ARM	
080	1036304-0010	-		1	LOCKING ARM	
100	1035792-0000	-		2	E-HINGE	
110	988685-0000	-		2	PIN	
150	975917-0000	A		1	KEY FOR SAFETY SWITCH 90044-103	
160	1036563-0000	-		2	WASHER	
170	1040993-0000	-		1	MOUNTING SHEET	
190	1129767-0000	-		4	SCREW	
200	1129770-0000	-		4	BLOCKING PIECE	
210	2529414-0000	-		1	HOLDER	
220	1484717-0000	-		1	PLATE	
280	90232-0333	A		3	REFLECTOR E39-R1	
290	90143-0059	-	MM	1575	SEAL STRIP 4610069	
300	90237-0175	-		1	TURNING HANDLE	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
330	90143-0089	-	MM	2280	RUBBER STRIP	
350	90157-0041	-	L	1	SEALING COMPOUND	
500	312115-0327	-		4	SCREW ISO4762 M5X12 A4	
510	315105-0146	-		6	BRICKA BRB5,3X10RFR	
520	312605-0312	-		4	HEXAGON NUT, M6M M4 A280	
530	312705-0312	-		8	NUT HEX. DOMED CAP MHM-6 M4 A280	
540	315105-0136	-		13	WASHER BRB4,3XRFR	
560	312115-0291	-		5	SCREW ISO4762 M4X12 A4	
570	312125-0222	-		6	SPåRSKRUV MCS M3X8 SS	
580	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

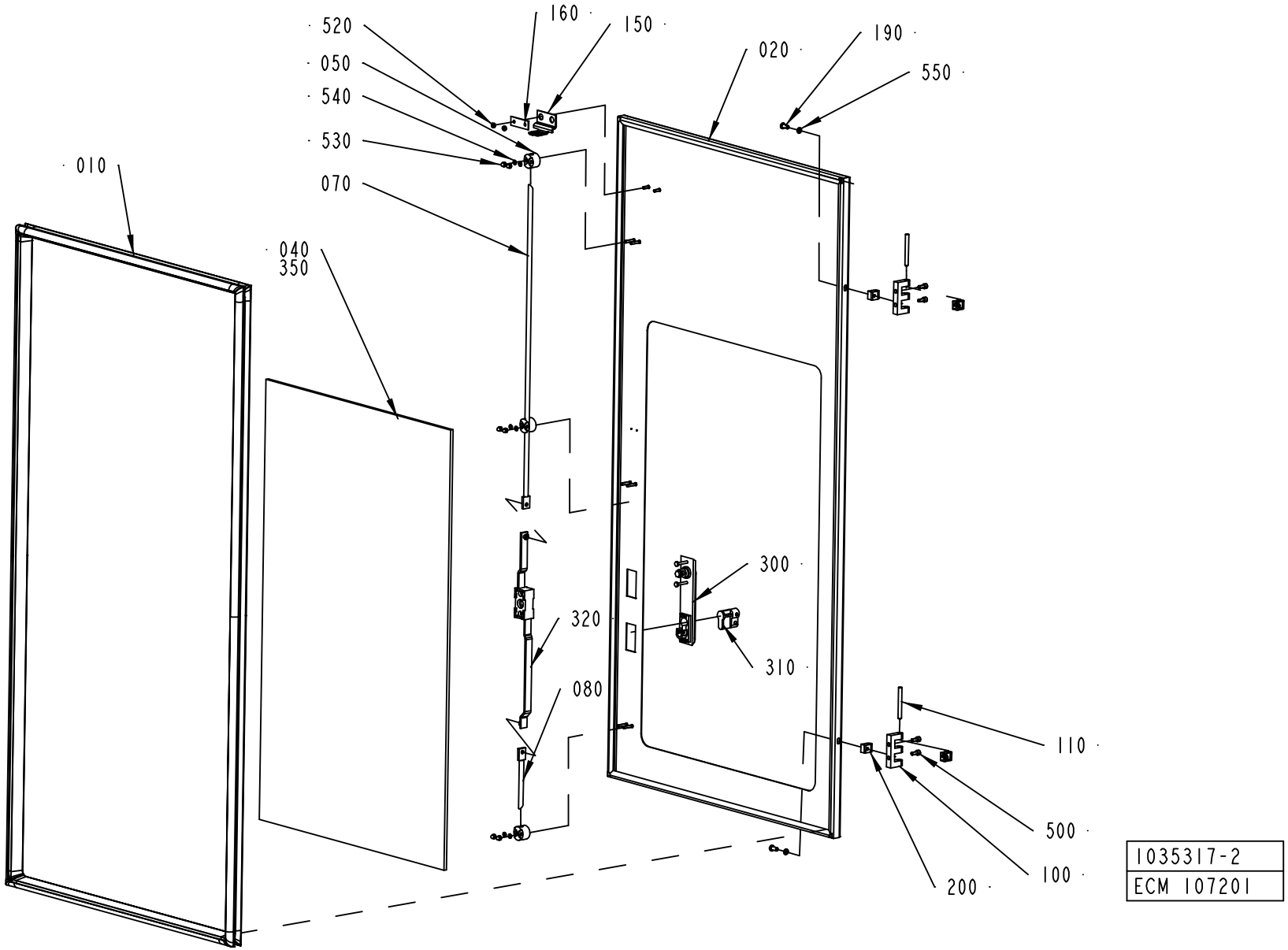
Machine Type | Group Description | Used-In | Group Number | Page No


010
080
530
540
050
300
310
020
320
070
200
100
500
110
190
550

ECM: 71870 - 19981029
Group number: 1035316-0200
Assembly Drawing: 1035316-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1279083-0000	-		1	SEALING STRIP	
020	590484-0000	-		1	DOOR	
050	1129274-0000	-		3	GUIDE LUG	
070	1036304-0015	-		1	LOCKING ARM	
080	1036304-0016	-		1	LOCKING ARM	
100	1035792-0000	-		2	E-HINGE	
110	988685-0000	-		2	PIN	
190	1129767-0000	-		2	SCREW	
200	1129770-0000	-		4	BLOCKING PIECE	
300	90237-0126	-		1	TURNING HANDLE "REPBY 90237-175"	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
500	312115-0327	-		4	SCREW ISO4762 M5X12 A4	
530	312705-0312	-		6	NUT HEX. DOMED CAP MHM-6 M4 A280	
540	315105-0136	-		6	WASHER BRB4,3XRFR	
550	315105-0146	-		2	BRICKA BRB5,3X10RFR	

Pos	Part No	SP	UN	Qty	Description	Page No


520
160
150
050
020
190
540
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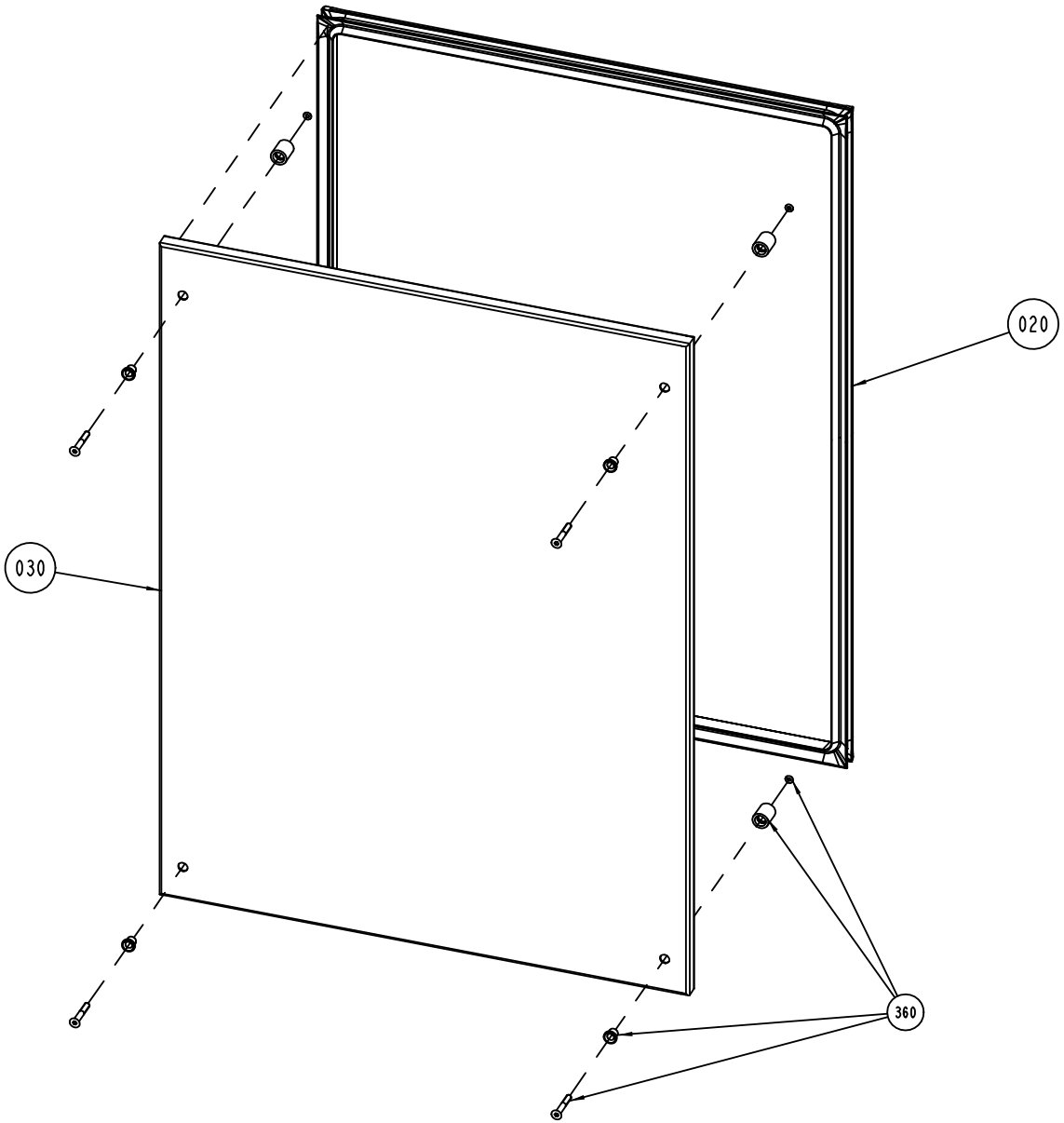
530
010
070
040
350
300
320
310
080
110
500
100
200
1035317-2
ECM 107201

ECM: 107205 - 20010926
Group number: 1035317-0200
Assembly Drawing: 1035317-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1279083-0000	-		1	SEALING STRIP	
020	590485-0000	-		1	DOOR	
040	2533634-0000	-		1	GLASS PANE	
050	1129274-0000	-		3	GUIDE LUG	
070	1036304-0015	-		1	LOCKING ARM	
080	1036304-0012	-		1	LOCKING ARM	
100	1035792-0000	-		2	E-HINGE	
110	988685-0000	-		2	PIN	
150	975917-0000	-		1	KEY FOR SAFETY SWITCH 90044-103	
160	1036563-0000	-		1	WASHER	
190	1129767-0000	-		2	SCREW	
200	1129770-0000	-		4	BLOCKING PIECE	
300	90237-0175	-		1	TURNING HANDLE	
310	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
320	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
350	90157-0041	-		1	SEALING COMPOUND	
500	312115-0327	-		4	SCREW ISO4762 M5X12 A4	
520	312605-0312	-		2	HEXAGON NUT, M6M M4 A280	
530	312705-0312	-		6	NUT HEX. DOMED CAP MHM-6 M4 A280	
540	315105-0136	-		6	WASHER BRB4,3XRFR	
550	315105-0146	-		2	BRICKA BRB5,3X10RFR	

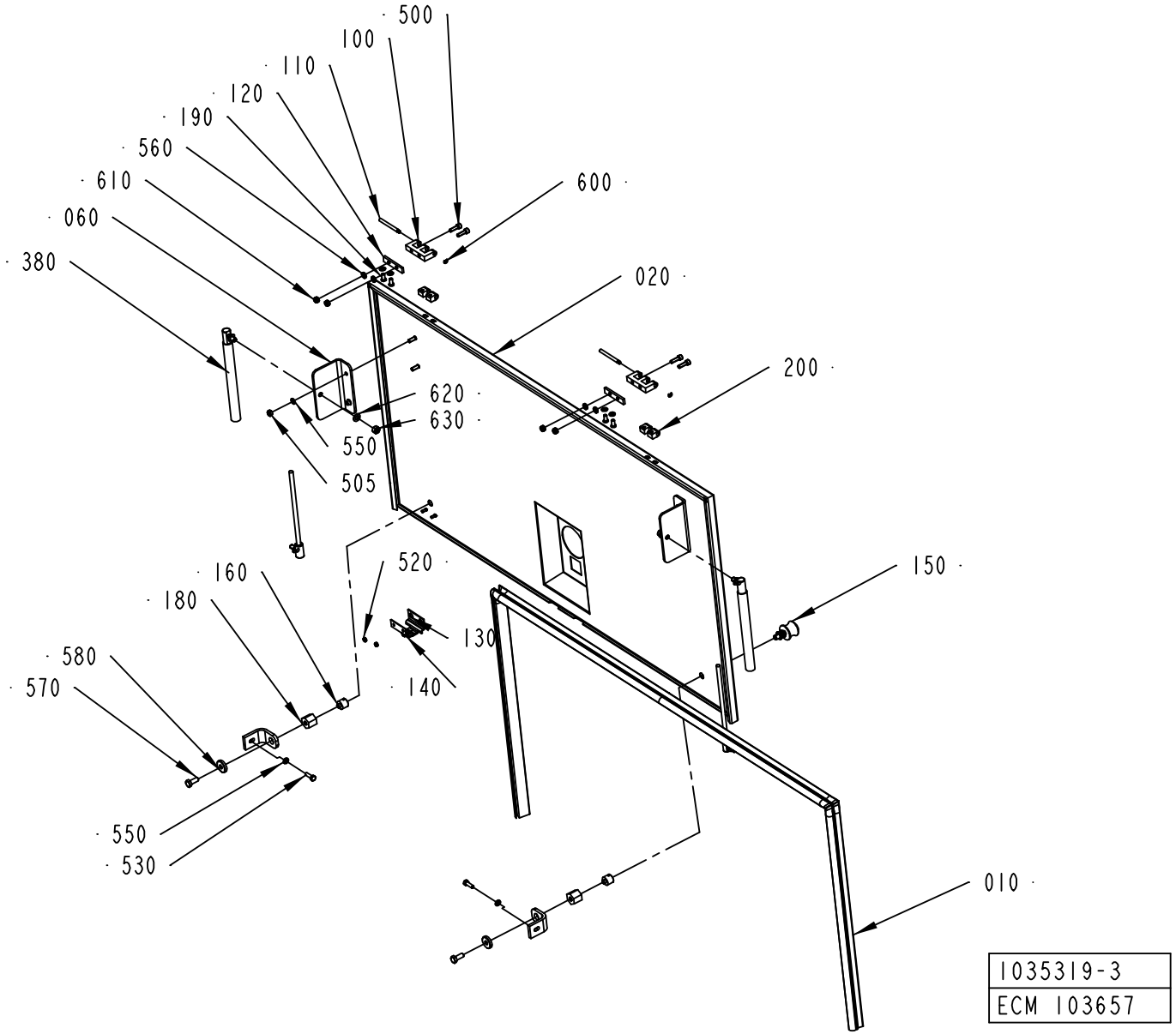
Pos	Part No	SP	UN	Qty	Description	Page No


020
030
360

ECM: 71870 - 19981029
Group number: 1035318-0200
Assembly Drawing: 1035318-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1279084-0000	-		1	SEALING STRIP	
030	590487-0000	-		1	DOOR	
360	90226-0458	-		4	MOUNTING SCREW	

Pos	Part No	SP	UN	Qty	Description	Page No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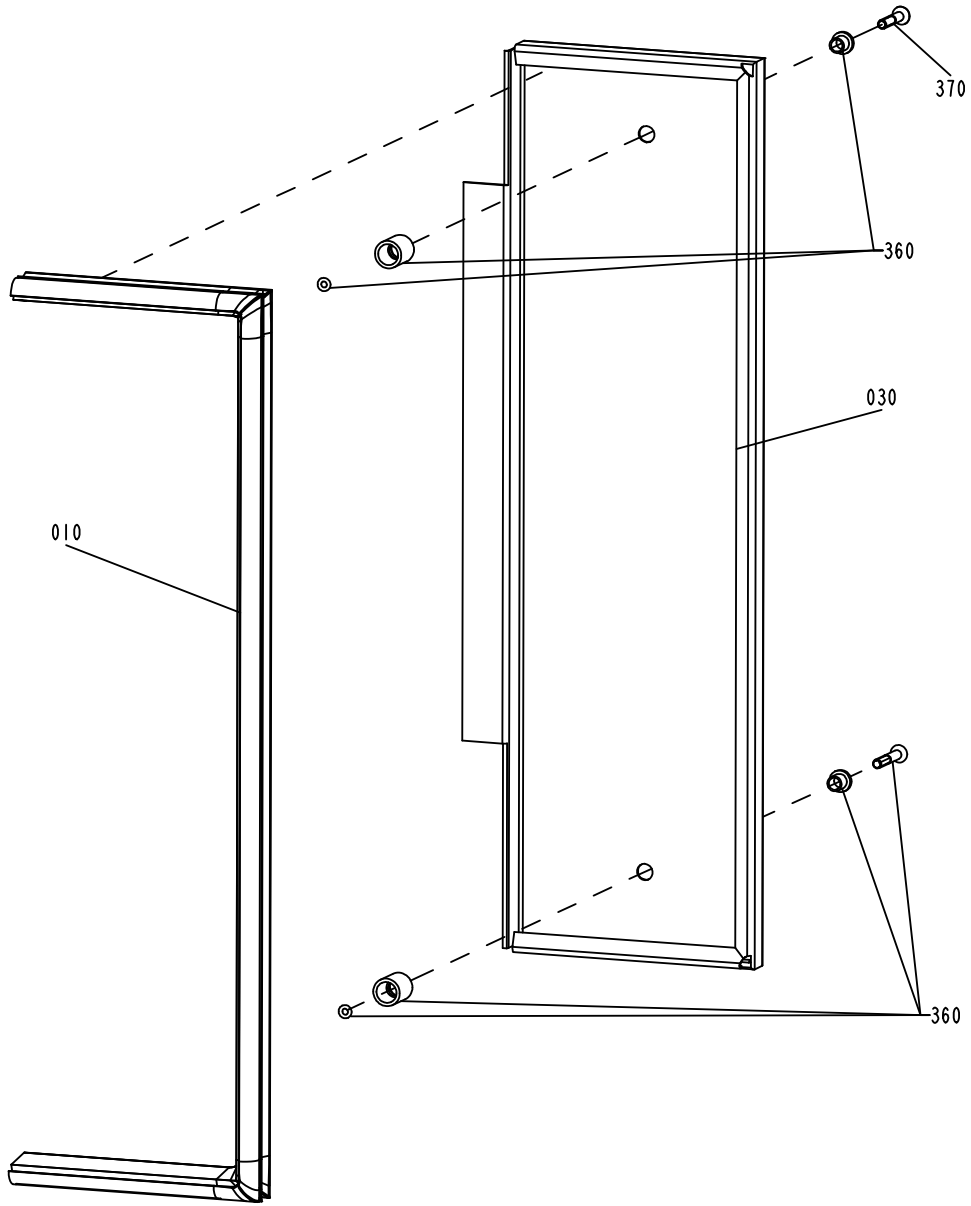
100
110
120
190
560
610
060
380
600
020
200
620
630
550
505
520
160
180
130
140
580
570
550
530
150
010
1035319-3
ECM 103657

ECM: 109159 - 20021126
Group number: 1035319-0300
Assembly Drawing: 1035319-3_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1296102-0000	-		1	SEALING STRIP	
020	1558274-0000	-		1	HATCH	
060	591323-0000	-		2	HOLDER	
100	1035792-0000	-		2	E-HINGE	
110	1036329-0000	-		2	PIN	
120	1558275-0000	-		2	FASTENING PLATE	
130	975917-0000	-		1	KEY FOR SAFETY SWITCH 90044-103	
140	1036563-0000	-		1	WASHER	
150	90237-0079	-		2	FAST LOCKING BOLT, FSQ -M8	
160	90237-0178	-		2	FAST LOCKING SOCKET,4-28599, M8	
170	1040991-0000	-		2	ANGLE	
180	1040992-0000	-		2	SPACER NUT	
190	1129767-0000	-		4	SCREW	
200	1129770-0000	-		4	BLOCKING PIECE	
380	90347-0106	A		2	GAS SPRING LIFT-O-MAT 095621 0308 160	
500	312115-0370	-		4	SCREW ISO4762 M6X20 A4	
505	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
520	312605-0312	-		2	HEXAGON NUT, M6M M4 A280	
530	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
550	315105-0153	-		10	WASHER BRB6,4X12RFR	
560	315115-0153	-		4	WASHER PLAIN, TBRB 6,4/12 H=3	
570	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
580	315125-0165	-		2	WASHER TBRSB 8,4X26X5 A4	
600	315755-0106	-		2	LOCKING WASHER 4	
610	312812-0316	-		4	HEXAGON NUT, NY-LOCK M6 A480	
620	315105-0165	-		2	WASHER BRB8,4X16RFR	
630	312605-0318	-		2	HEXAGON NUT, M6M M8 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

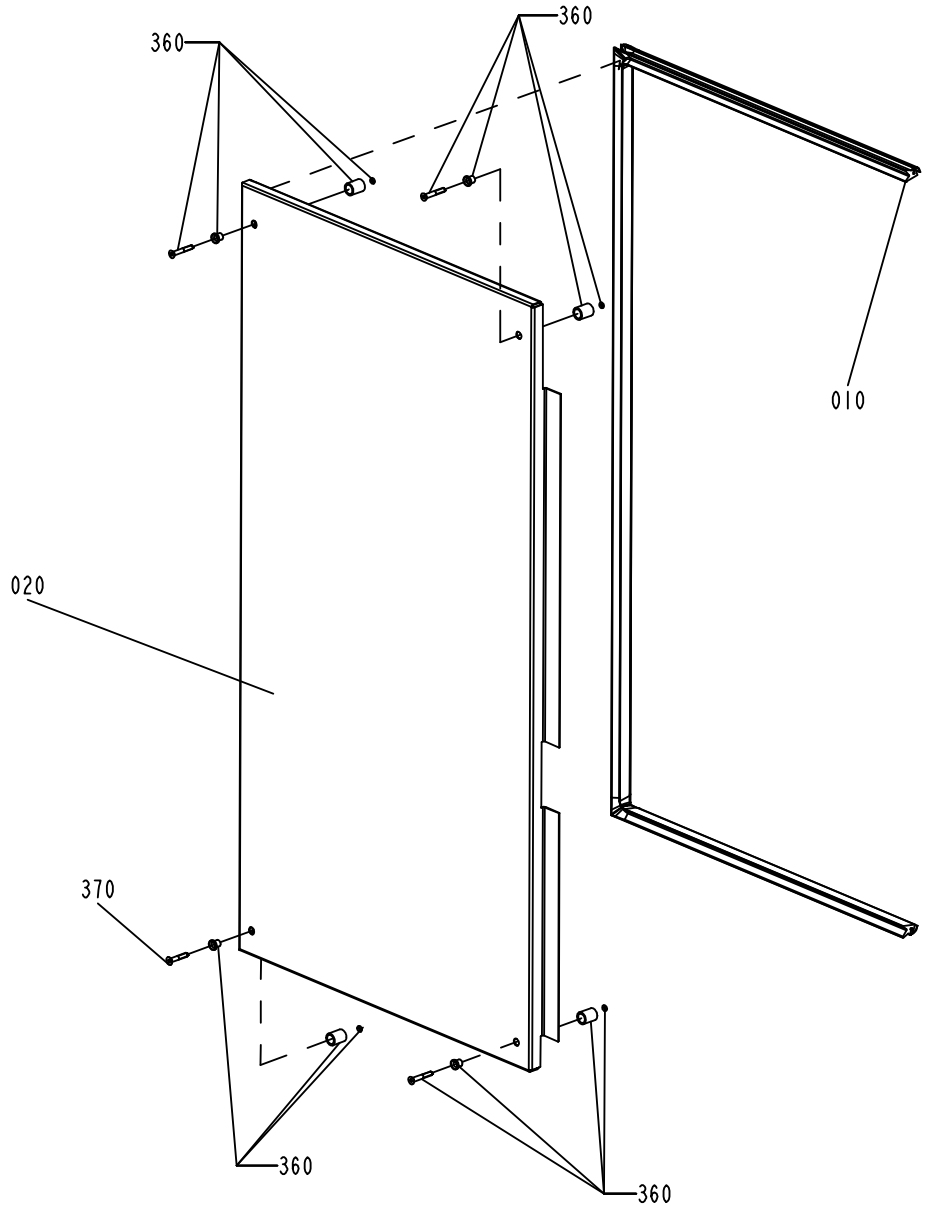
Machine Type | Group Description | Used-In | Group Number | Page No


370
360
030
010
360

ECM: 72175 - 19990427
Group number: 591321-0100
Assembly Drawing: 591321-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1296103-0000	-		1	SEALING STRIP	
030	1116123-0000	-		1	HATCH	
360	90226-0458	-		2	MOUNTING SCREW	
370	312155-0376	-		1	SCREW EN 10642 MF6S M6X35 A480	

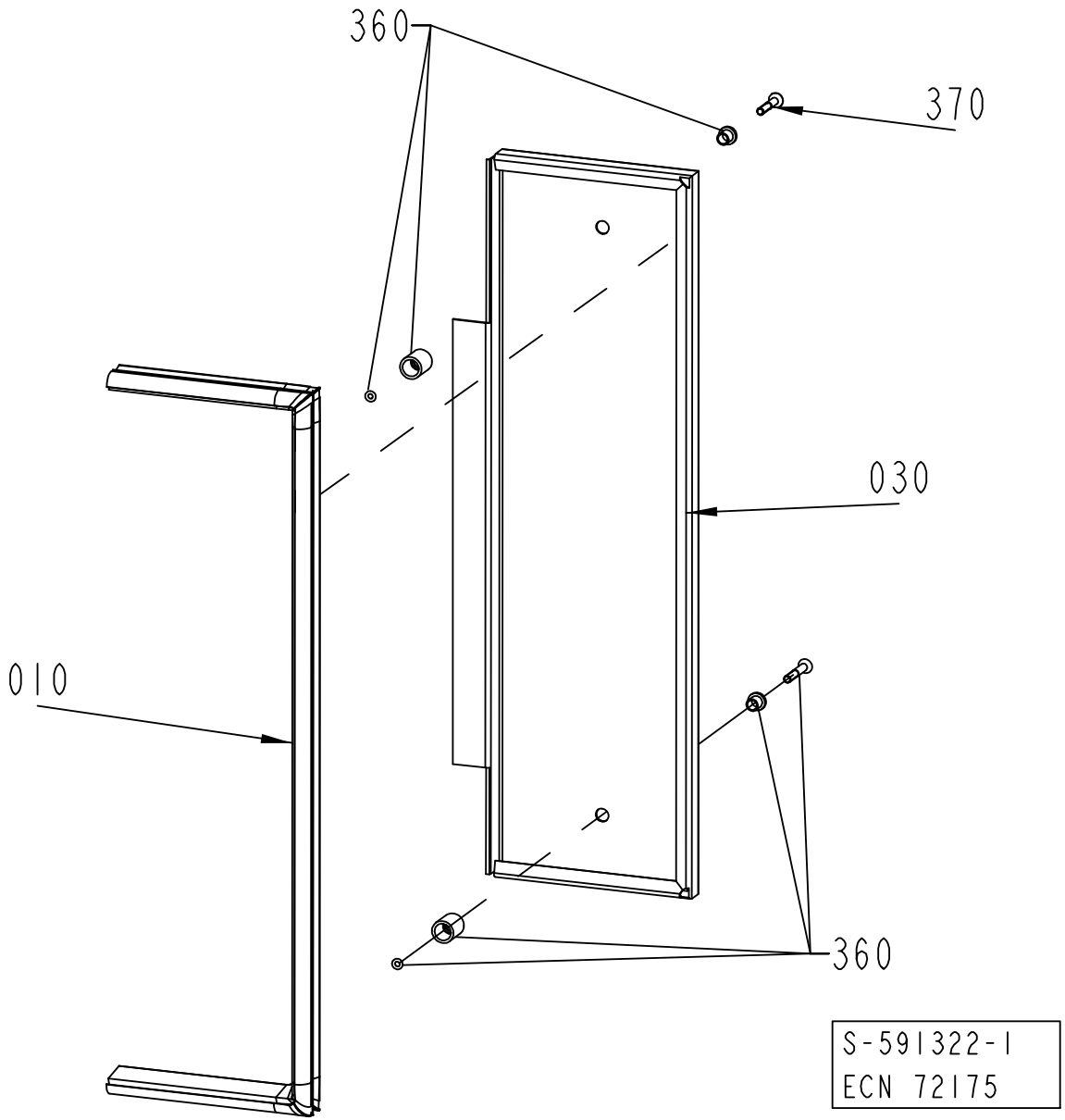
Pos	Part No	SP	UN	Qty	Description	Page No


360
360
010
020
370
360
360

ECM: 72175 - 19990427
Group number: 1035321-0200
Assembly Drawing: 1035321-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1296105-0000	-		1	SEALING STRIP	
020	1116046-0000	-		1	HATCH	
360	90226-0458	-		4	MOUNTING SCREW	
370	312155-0376	-		1	SCREW EN 10642 MF6S M6X35 A480	

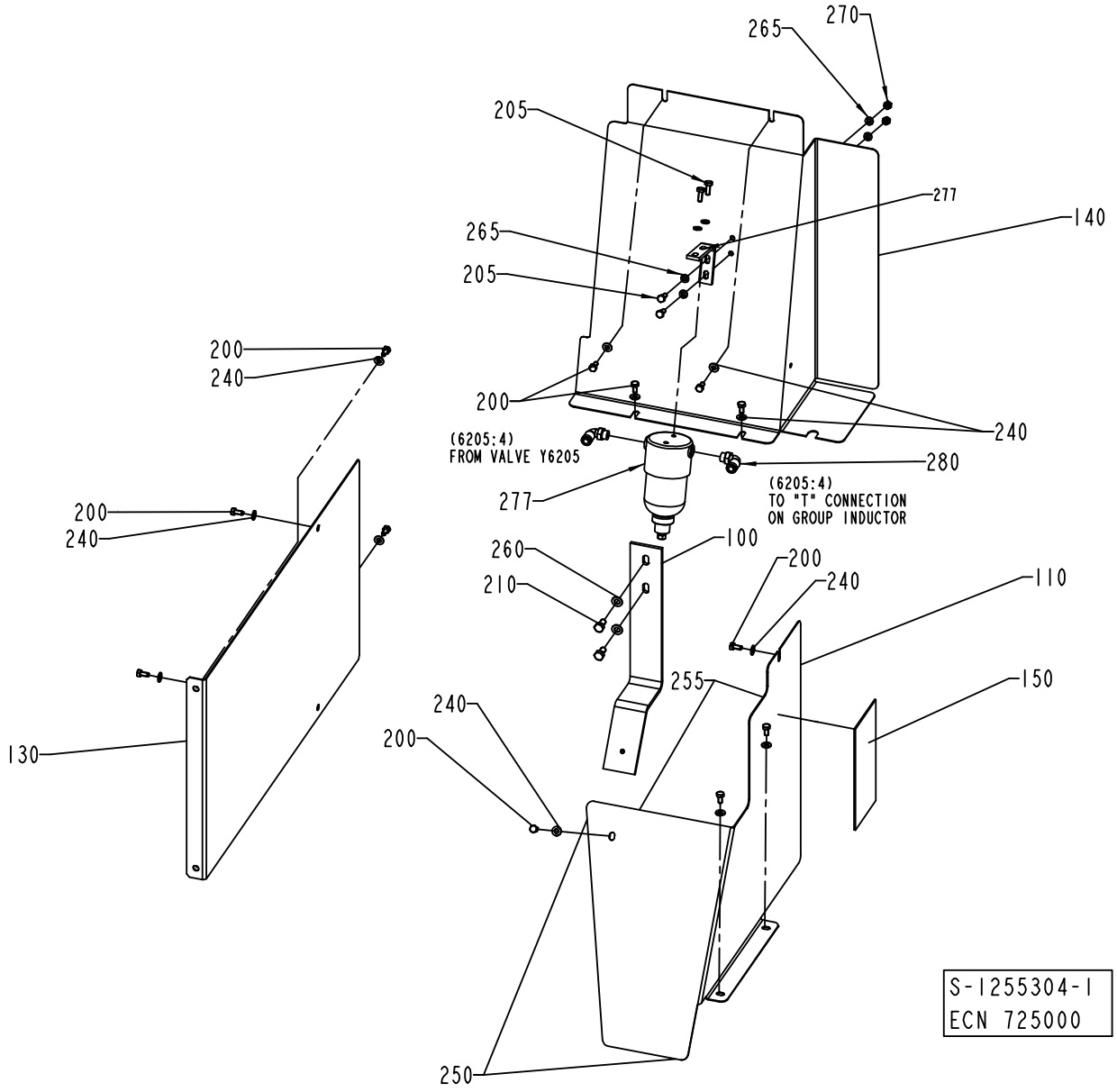
Pos	Part No	SP	UN	Qty	Description	Page No


360
370
030
010
360
S-591322-I
ECN 72175

ECM: 72175 - 19990427
Group number: 591322-0100
Assembly Drawing: 591322-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1296103-0000	-		1	SEALING STRIP	
030	1116126-0000	-		1	HATCH	
360	90226-0458	-		2	MOUNTING SCREW	
370	312155-0376	-		1	SCREW EN 10642 MF6S M6X35 A480	

Pos	Part No	SP	UN	Qty	Description	Page No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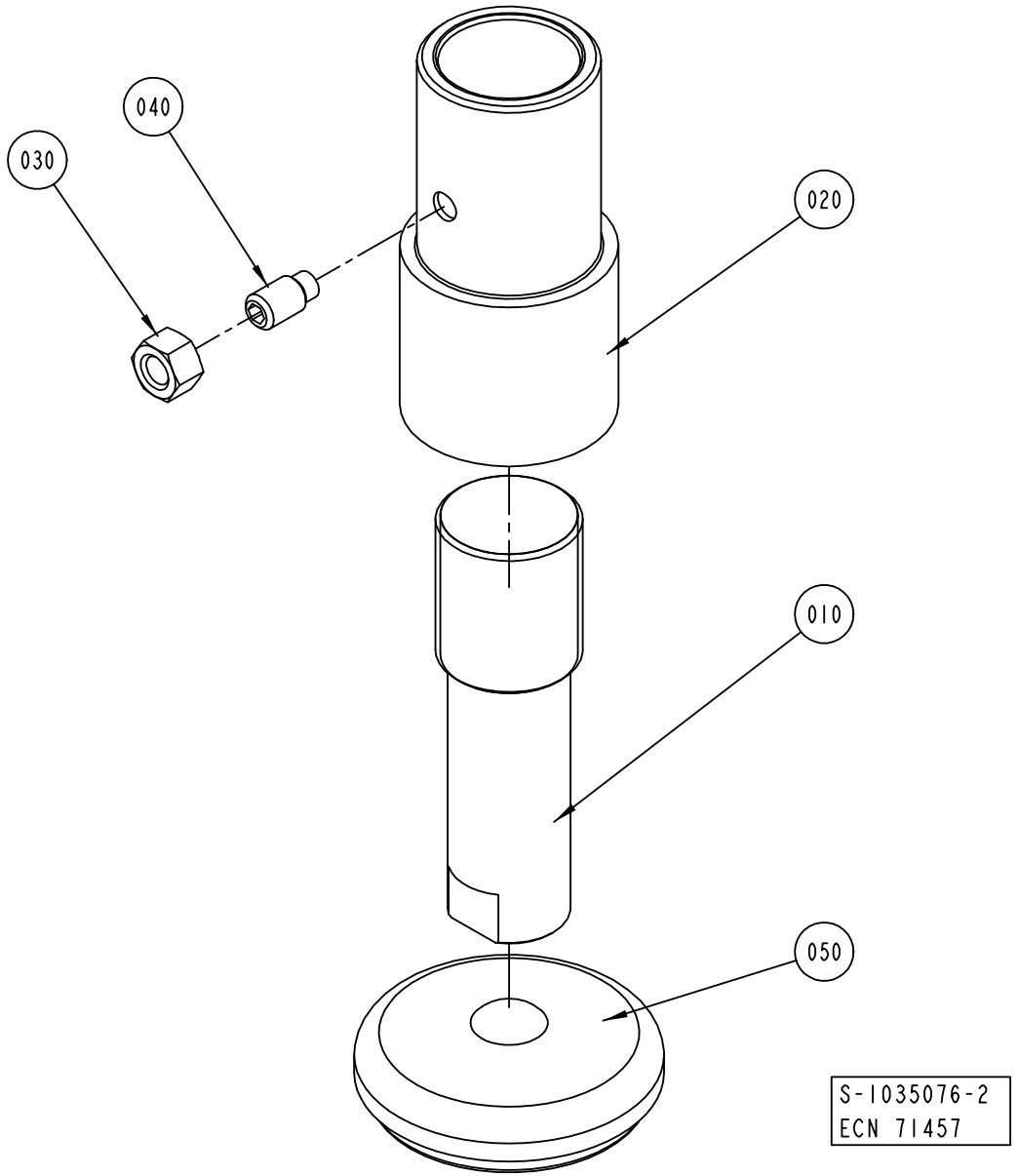
265
205
277
140
265
205
200
240
(6205:4)
FROM VALVE Y6205
280
(6205:4)
TO "T" CONNECTION
ON GROUP INDUCTOR
277
100
260
210
200
240
110
255
150
240
200
200
240
130
250
S-1255304-1
ECN 725000

ECM: 72500 - 19991021
Group number: 1255304-0100
Assembly Drawing: 1255304-1_1_AG

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	1254053-0000	-		1	BRACKET	
110	1254054-0000	-		1	PROTECTION PLATE	
130	1260237-0000	-		1	PLATE	
140	1143599-0000	-		1	PROTECTION PLATE	
150	1349246-0000	-		1	SIGN	
200	312105-0366	-		12	SCREW M6S M6X12 A280	
205	312105-0368	-		4	SCREW M6S M6X16 A280	
210	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
240	315105-0156	-		12	WASHER BRB 6.7X14 RFR	
250	90143-0060	-	MM	480	EDGE STRIP 9,5X6,3MM BLACK PVC	
255	90143-0060	-	MM	450	EDGE STRIP 9,5X6,3MM BLACK PVC	
260	315105-0165	-		2	WASHER BRB8,4X16RFR	
265	315105-0153	-		6	WASHER BRB6,4X12RFR	
270	312605-0316	-		2	HEXAGON NUT, M6M M6 A280	
277	90277-0116	-		1	FILTER HOUSING / ART.NO FILTER 58P-S5430	
	90277-0406	-		*1*	*CARTRIDGE 100-12-BX*	
280	342732-0104	-		2	ELBOW PIPE JOINT, EXT.THREAD, D=8MM-G1/4	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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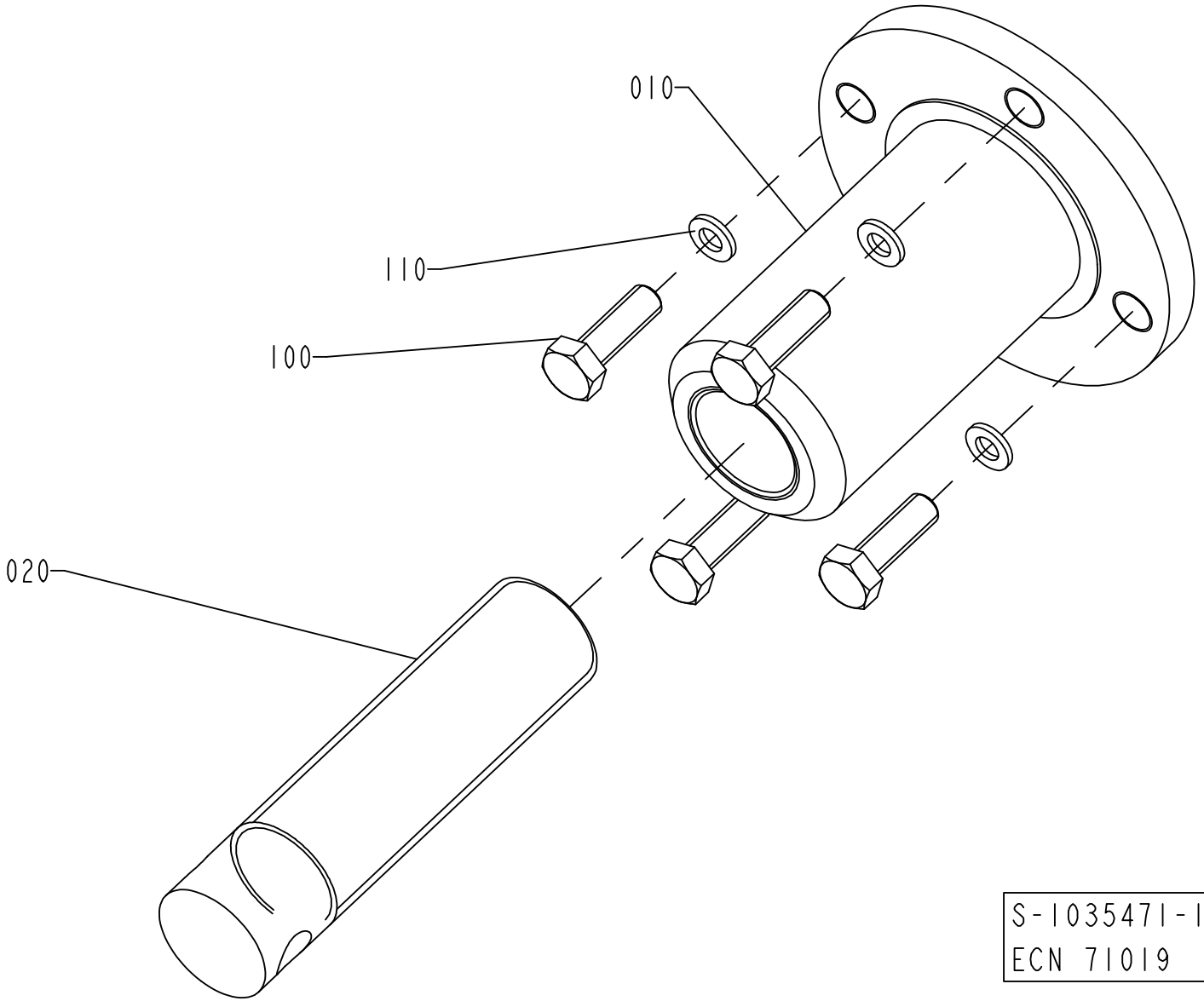
030
020
010
050
S-1035076-2
ECN 71457

ECM: 71457 - 20000215
Group number: 1035076-0200
Assembly Drawing: 1035076-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1487712-0000	-		1	LEG	
020	1036120-0000	-		1	SLEEVE	
030	312605-0324	-		1	HEXAGON NUT, M6M M16 A280	
040	312311-0624	-		1	SCREW ISO4028 M16X30 FZB	
050	90347-0175	-		1	MACHINE SHOE BRIK T 125	

Pos	Part No	SP	UN	Qty	Description	Page No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110
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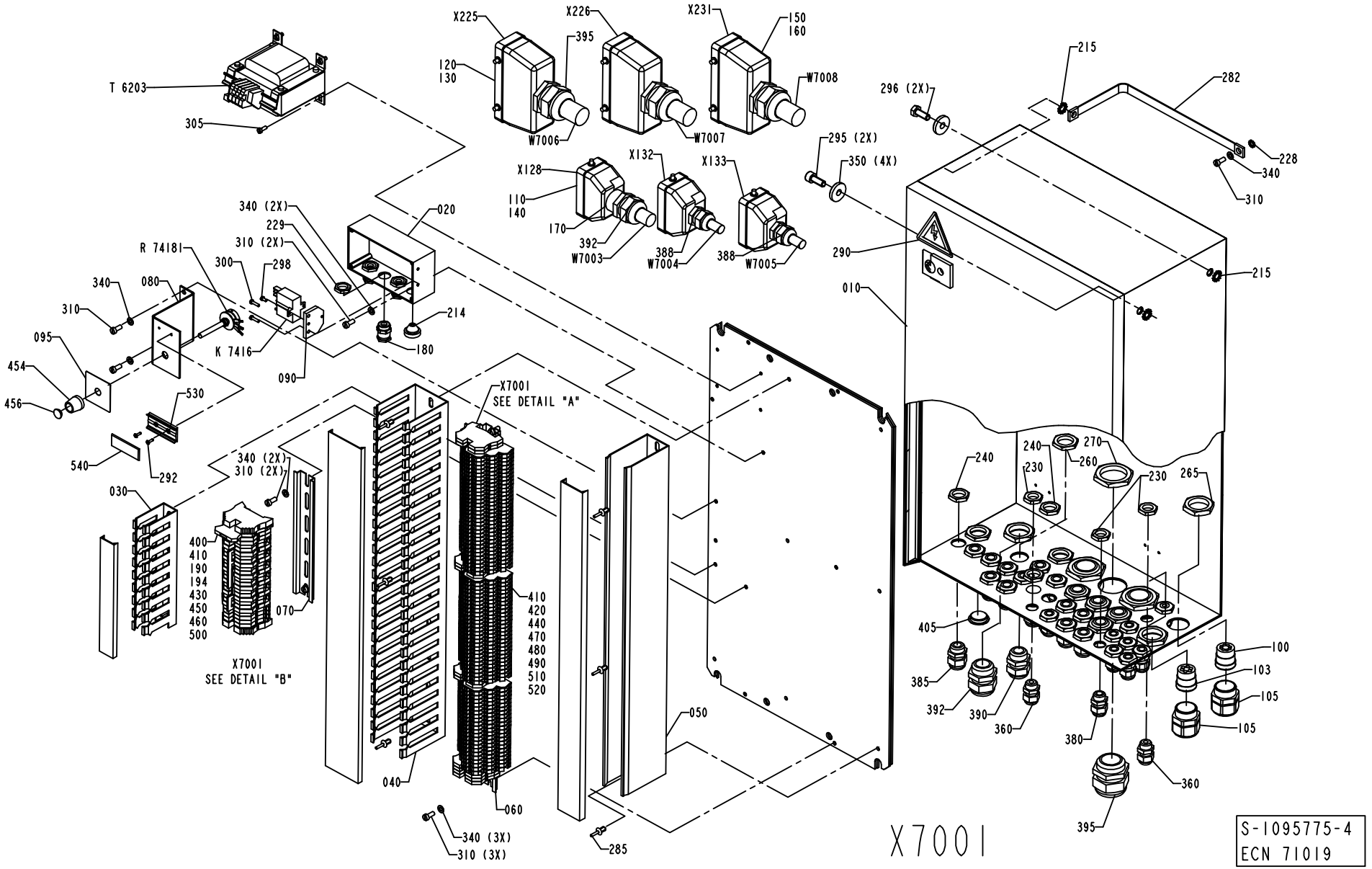
020
S-1035471-1
ECN 71019

ECM: 71870 - 19981029
Group number: 1035471-0100
Assembly Drawing: 1035471-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	469095-0000	-		1	HOLDER	
020	469096-0000	-		1	LEG	
100	312105-0453	-		4	SCREW M6S ISO 4017 M8X25 A480	
110	315125-0165	-		4	WASHER TBRSB 8,4X26X5 A4	

Pos	Part No	SP	UN	Qty	Description	Page No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X231
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W7006
W7007
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X133
110
140
170
392
W7003
388
W7004
388
W7005
296 (2X)
295 (2X)
350 (4X)
215
282
228
340
310
290
215
010
020
340 (2X)
229
310 (2X)
R 7418I
300
298
340
080
310
095
454
456
530
540
292
K 7416
090
214
180
030
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410
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194
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450
460
500
070
X7001
SEE DETAIL "B"
340 (2X)
310 (2X)
X7001
SEE DETAIL "A"
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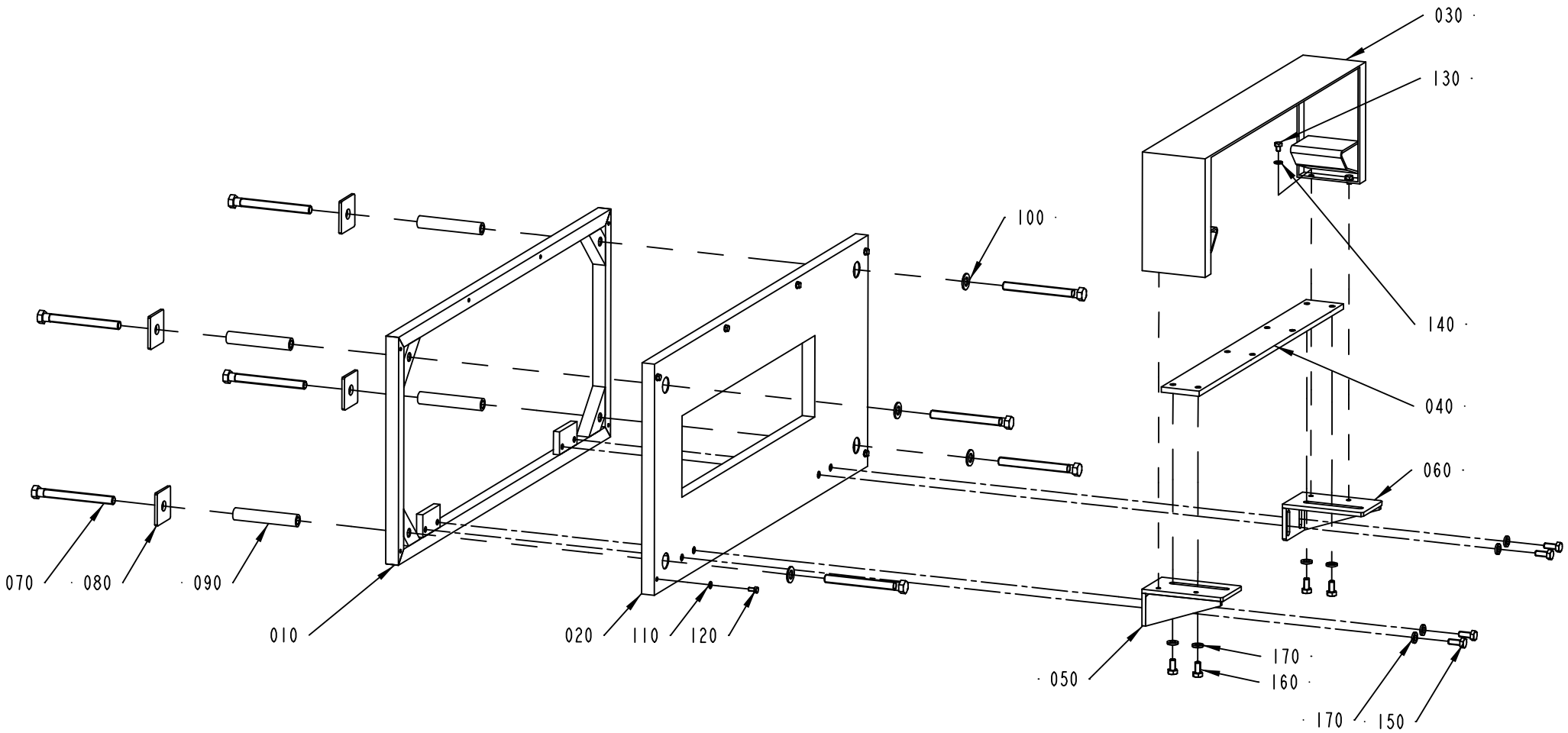
420
440
470
480
490
510
520
040
060
050
340 (3X)
310 (3X)
285
240
270
260
230
240
230
265
405
385
392
390
360
380
100
103
105
105
360
395
X7001
S-1095775-4
ECN 71019

ECM: 71634 - 19990112
Group number: 1095775-0200
Assembly Drawing: 1095775-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346899-0000	-		1	ELECTRICAL CABINET	
020	1038907-0000	-		1	CONNECTION BOX	
030	1036922-0000	-		1	CABLE DUCT	
040	1036923-0000	-		1	CABLE DUCT	
050	1036924-0000	-		1	CABLE DUCT	
060	1036925-0000	-		1	TERMINAL RAIL	
070	1036926-0000	-		1	TERMINAL RAIL	
080	1038403-0000	-		1	BRACKET	
090	1041264-0000	-		1	BRACKET	
095	551922-0000	-		1	LABEL,POTENTIOMETER DESIGN CORR.	
100	90012-0127	-		1	PLUG	
103	90012-0125	-		1	GLAND FITTING	
105	353240-0005	-		2	NORMAL WITHOUT INSERT, PG 21	
110	90110-0159	C		3	MALE INSERT 70.310.0640.0	
120	90110-0150	C		3	MALE INSERT 121110 0000	
130	90110-0152	C		3	CABLE HOOD 24-POL 70.352.2428.1	
140	90110-0157	C		3	CABLE HOOD 6-POL 70.352.0628.1	
150	359005-0010	-		7	MARKING LABEL KIT 0 - 9, 04.841.2150.0	
160	359005-0050	-		1	MARKING LABEL KIT X, 04.841.4550.0	
170	90089-0028	-		1	MUFF	
180	90012-0124	-		3	GLAND FITTING	
190	353034-0039	-		1	BRIDGE CONNECTOR WQV 4/4, 10546.6	
194	353034-0031	-		2	BRIDGE CONNECTOR, WQV 4/10, 10520.6	
214	90015-0020	-		1	LEAD-IN, TET5-7, E-1458016	
215	90062-0016	-		5	LOCK WASHER SERRAT.EXT.GEAR,8,4/15 H=0,8	
228	90062-0060	-		1	LOCK WASHER SERRAT.EXT.GEAR,5,3/10 H=0,6	
229	90099-0001	-		3	NUT PR 15,2 MäSSING	
230	90099-0104	-		11	NUT, PR 15,2 (PG9)	
240	90099-0117	-		14	NUT, PR 18,6 (PG11)	
260	90099-0110	-		7	NUT, PR 22,5 (PG16)	
265	90099-0119	-		3	NUT, PR 28,3 (PG21)	
270	90099-0120	-		3	MUTTER PR 37 (PG29)	
282	90135-0035	C		1	EARTH WIRE, L=250 MM 16 MM2	
285	90181-0088	-		8	PLASTIC RIVET, PR 52314	
290	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
292	311520-0329	-		2	RIVET, BLANK 2,4X8	
295	312115-0451	-		2	SCREW ISO4762 M8X20 A4	
296	312105-0451	-		2	SCREW M6S ISO 4017 M8X20 A480	
298	312121-0220	-		2	SCREW SLOT.PAN HD. MCS 3X6 FZB	
300	312121-0226	-		2	SCREW SLOT.PAN HD. MCS 3X12 FZB	
305	312121-0289	-		4	SCREW SLOT.PAN HD. MCS 4X10 FZB	
310	312121-0327	-		10	SCREW SLOT.PAN HD. MCS 5X12 FZB	
340	315105-0146	-		10	BRICKA BRB5,3X10RFR	
350	315125-0165	-		4	WASHER TBRSB 8,4X26X5 A4	
360	352103-0100	-		3	CABLE GLAND, STR 9, PR15,2/PG9	
380	352103-0101	-		8	CABLE GLAND, ST 9, PR15,2/PG9	
385	352103-0106	-		14	CABLE GLAND, ST 11, PR18,6/PG11	
388	352103-0108	-		2	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
390	352103-0110	-		6	CABLE GLAND, STR 16, PR22,5/PG16	
392	352103-0116	-		2	CABLE GLAND, ST 21, PR28,3/PG21	
395	352103-0121	-		6	CABLE GLAND, ST 29, PR37,0/PG29	
400	353021-0122	-		1	TERMINAL DISCONNECTBLE, WTR 2,5 D	
405	90002-0004	-		1	BLANK-OFF PLUG, PR 22,5 SKINDICHT-BLK16	
410	353031-0201	-		2	END BRACKET EW35	
420	353021-0302	-		84	TERMINALS,TRIPLE-LEVEL, DLD 2,5/35 PA	
430	353021-0213	-		16	FEED THROUGH TERMINAL, 10201.0	
440	353024-0204	-		10	EARTH TERMINAL WPE 2,5	
450	353024-0205	-		8	EARTH TERMINAL, 1010.1	
454	90130-0303	-		1	SHIFTER HANDLE	
456	90130-0304	-		1	PLATE	
460	353032-0004	-		1	END PLATE WAP 2,5-10 BEIGE	
470	353032-0302	-		3	END PLATE WAP	
480	353034-0401	-		16	BRIDGE CONNECTOR Q2, 13125.0	
490	353034-0404	-		17	BRIDGE CONNECTOR Q10, 13131.0	
500	359011-0821	-		2	SET OF SIGNS 6-FW 1-50	
510	359011-0823	-		2	SET OF SIGNS 6-FW 101-150	
520	359011-0824	-		2	SET OF SIGNS 6-FW 151-200	
530	359240-0100	-		1	SIGN HOLDER FOR 359240-0001	
540	359241-0186	-		1	SIGN "LS"	
K 7416	90119-0078	D		1	TPIH-RELAY	
R74181	90130-0021	C		1	POTENTIOMETER " REPBY 90130-28"	
R74182	90121-0119	C		1	RESISTANCE FIXED, 8,2 KOHM, 1 W	
T 6203	563461-0000	D		1	TRANSFORMER	
W 7003	351150-0420	-	MM	7800	CABLE OLFLEX 7X2,5 MM2 LIGHT/GREY	
W 7004	351150-0413	-	MM	7700	CABLE OLFLEX 4X1,5 MM2 LIGHT/GREY	
W 7005	351150-0412	-	MM	7500	CABLE OLFLEX 3X1,5 MM2 LIGHT/GREY	
W 7006	351150-0425	-	MM	7900	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 7007	351150-0425	-	MM	7900	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	
W 7008	351150-0425	-	MM	8100	CABLE OLFLEX 25X0,75 MM2 LIGHT/GREY	

Machine Type | Group Description | Used-In | Group Number | Page No

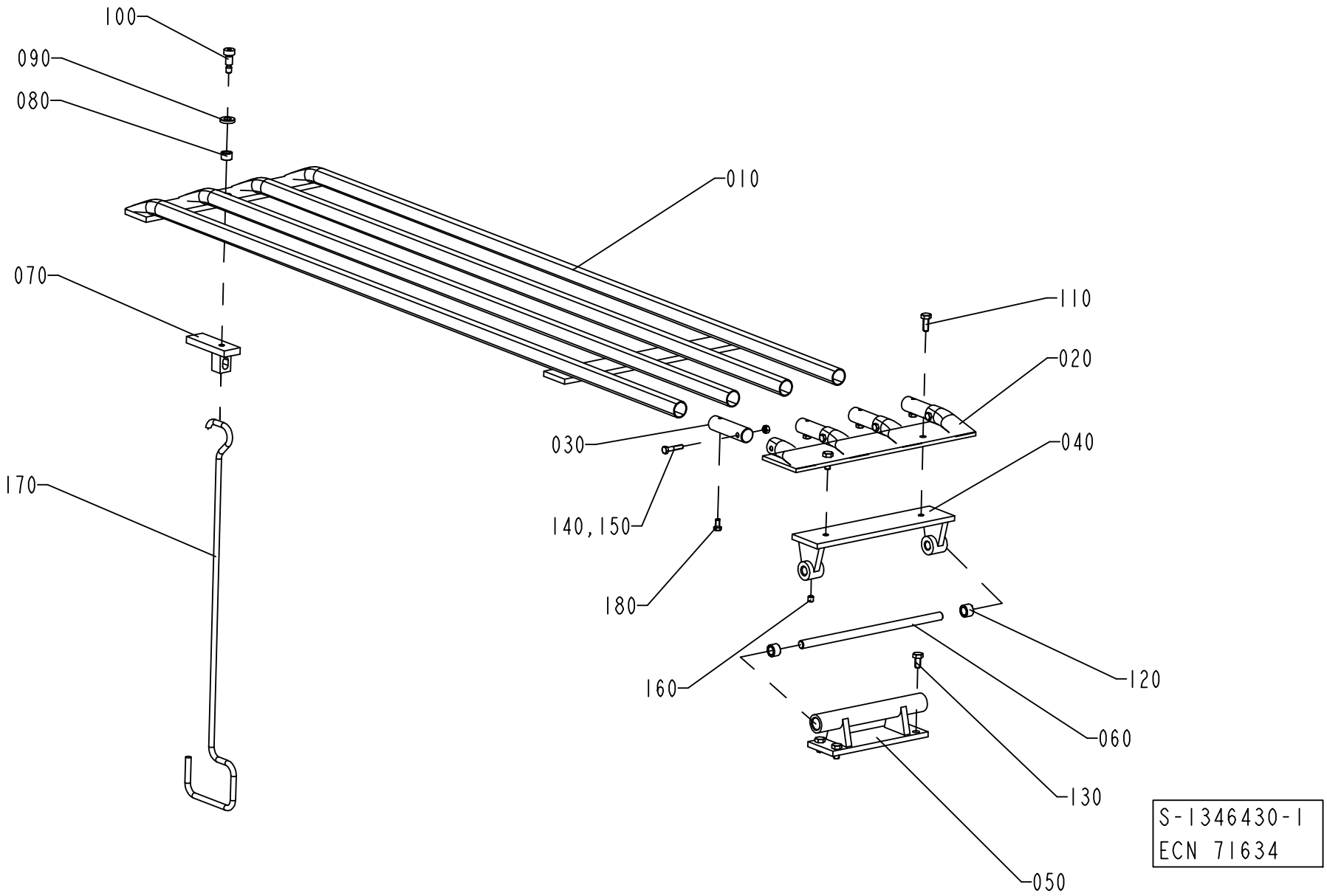


1346431-1
ECN 84465

ECM: 109154 - 20021126
Group number: 1346431-0100
Assembly Drawing: 1346431-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346417-0000	-		1	FRAME	
020	1346406-0000	-		1	COVER PLATE	
030	1346407-0000	-		1	COVER	
040	1346402-0000	-		1	PLATE	
050	1346410-0000	-		1	BRACKET	
060	1346411-0000	-		1	BRACKET	
070	476202-0000	-		8	SCREW	
080	1346405-0000	-		4	WASHER	
090	476201-0000	-		4	SLEEVE	
100	315105-0178	-		4	WASHER BRB13X24RFR	
110	315105-0146	-		6	BRICKA BRB5,3X10RFR	
120	312105-0325	-		6	SCREW M6S ISO 4017 M5X10 A480	
130	312105-0364	-		4	SCREW M6S ISO 4017 M6X10 A480	
140	315105-0153	-		4	WASHER BRB6,4X12RFR	
150	312105-0451	-		4	SCREW M6S ISO 4017 M8X20 A480	
160	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
170	315115-0165	-		8	WASHER PLAIN, TBRB 8,4/16 H=3	

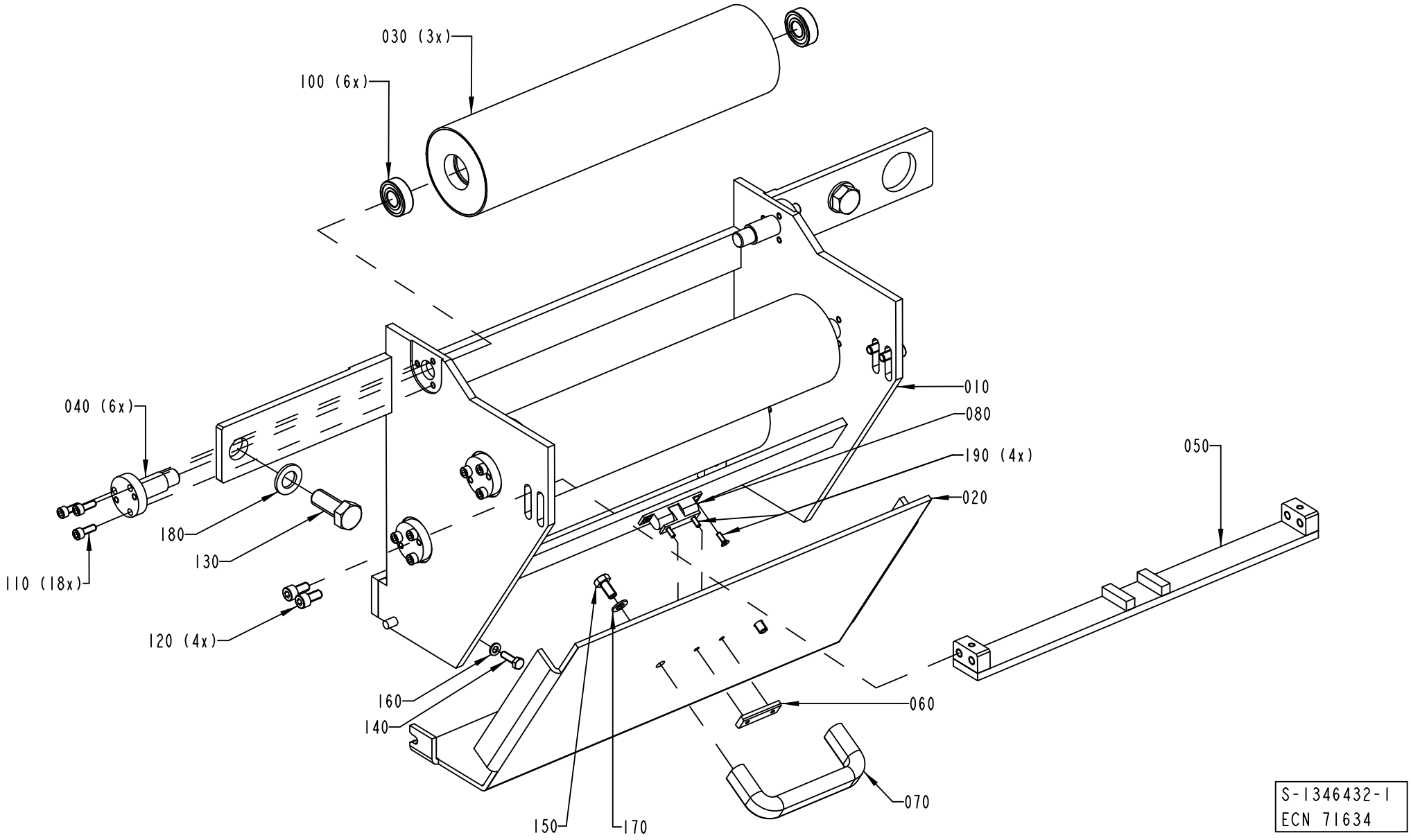
Pos	Part No	SP	UN	Qty	Description	Page No


100
090
080
010
070
110
020
030
040
170
140,150
180
160
120
060
130
050
S-1346430-1
ECN 71634

ECM: 71634 - 19990112
Group number: 1346430-0100
Assembly Drawing: 1346430-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346408-0000	-		1	SUPPORT	
020	530775-0000	-		1	END PIECE	
030	1346409-0000	-		4	SHAFT	
040	1346404-0000	-		1	BRACKET	
050	1346403-0000	-		1	BRACKET	
060	236634-0000	-		1	SHAFT	
070	1346395-0000	-		1	LOCKING ARM	
080	321105-0163	-		1	BEAR. BUSH. WITHOUT FL, 10X16X10 MM	
090	315111-0173	-		1	WASHER PLAIN, TBRB 10,5/22 H=4	
100	312180-0489	-		1	SCREW ISO7379 H10X16	
110	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
120	321105-0173	-		2	BEAR. BUSH. WITHOUT FL, 12X18X12 MM	
130	312105-0449	-		4	SCREW M6S ISO 4017 M8X16 A480	
140	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
150	312105-0374	-		4	SCREW M6S ISO 4014 M6X30 A480	
160	312318-0443	-		1	SCREW ISO4029 M8X8 A4	
170	236631-0000	-		1	HANDLE	
180	312105-0366	-		4	SCREW M6S M6X12 A280	

Pos	Part No	SP	UN	Qty	Description	Page No

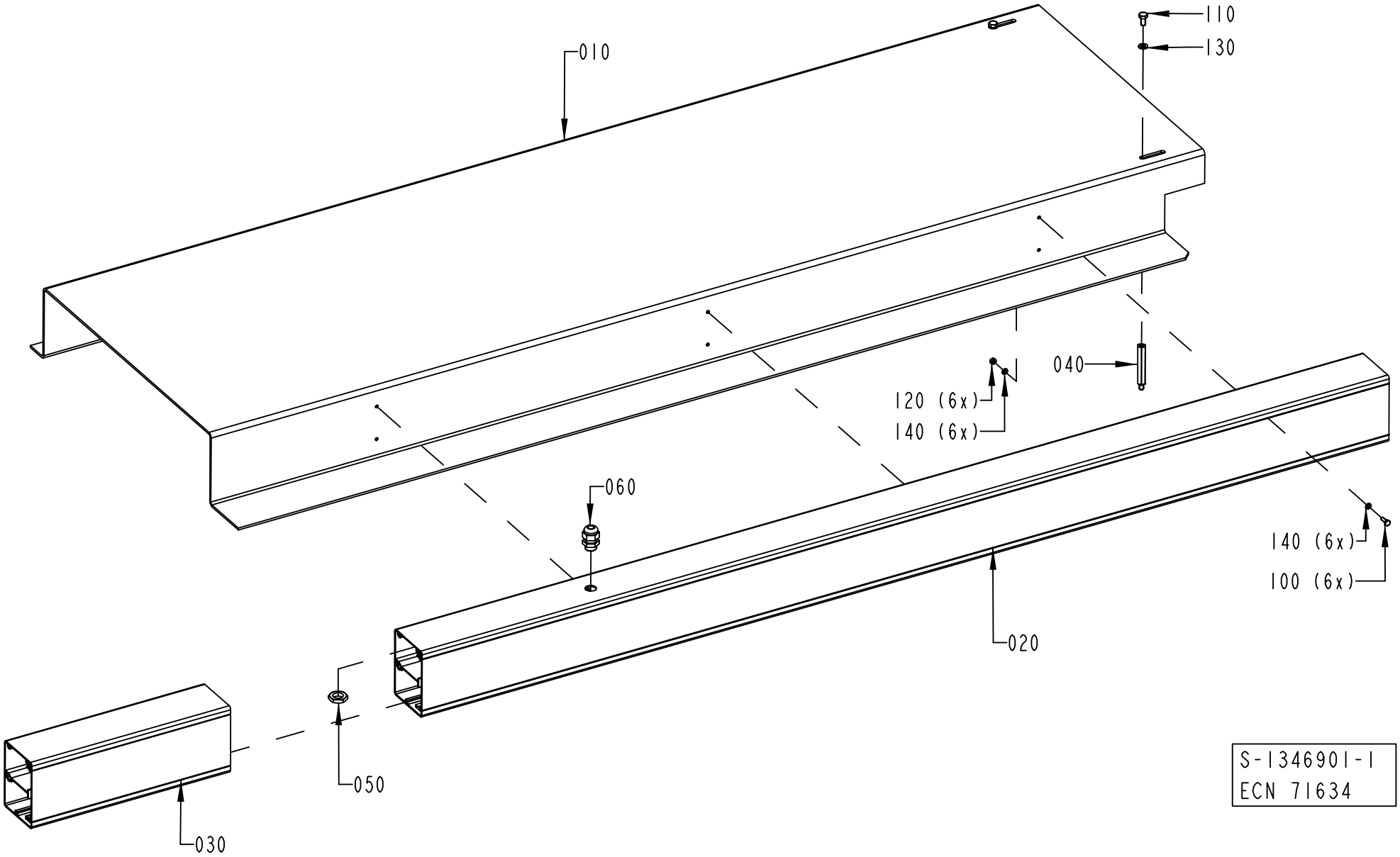


S-1346432-1
ECN 71634

ECM: 109155 - 20021126
Group number: 1346432-0100
Assembly Drawing: 1346432-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346419-0000	-		1	BRACKET	
020	1346426-0000	-		1	COVER	
030	1035882-0000	A		3	BENDING ROLLER	
040	1348917-0000	-		6	HOLDER	
050	1348914-0000	-		1	BAR	
060	1348916-0000	-		1	PLATE	
070	90017-0022	-		1	HANDLE, NO. EL-037311	
080	90237-0070	-		1	SNAP-IN BALL LOCK, 69X19 MM	
100	321313-0102	A		6	BALL BEARING, 15X35X11 MM	
110	312115-0368	-		18	SCREW ISO4762 M6X16 A4	
120	312115-0451	-		4	SCREW ISO4762 M8X20 A4	
130	312105-0628	-		2	SCREW M6S ISO 4017 M16X40 A480	
140	312105-0370	-		2	SCREW M6S ISO 4017 M6X20 A480	
150	312105-0449	-		2	SCREW M6S ISO 4017 M8X16 A480	
160	315105-0153	-		2	WASHER BRB6,4X12RFR	
170	315115-0165	-		6	WASHER PLAIN, TBRB 8,4/16 H=3	
180	315105-0186	-		2	WASHER BRB17X30RFR	
190	312155-0291	-		4	SCREW EN 10642 MF6S M4X12 A480	

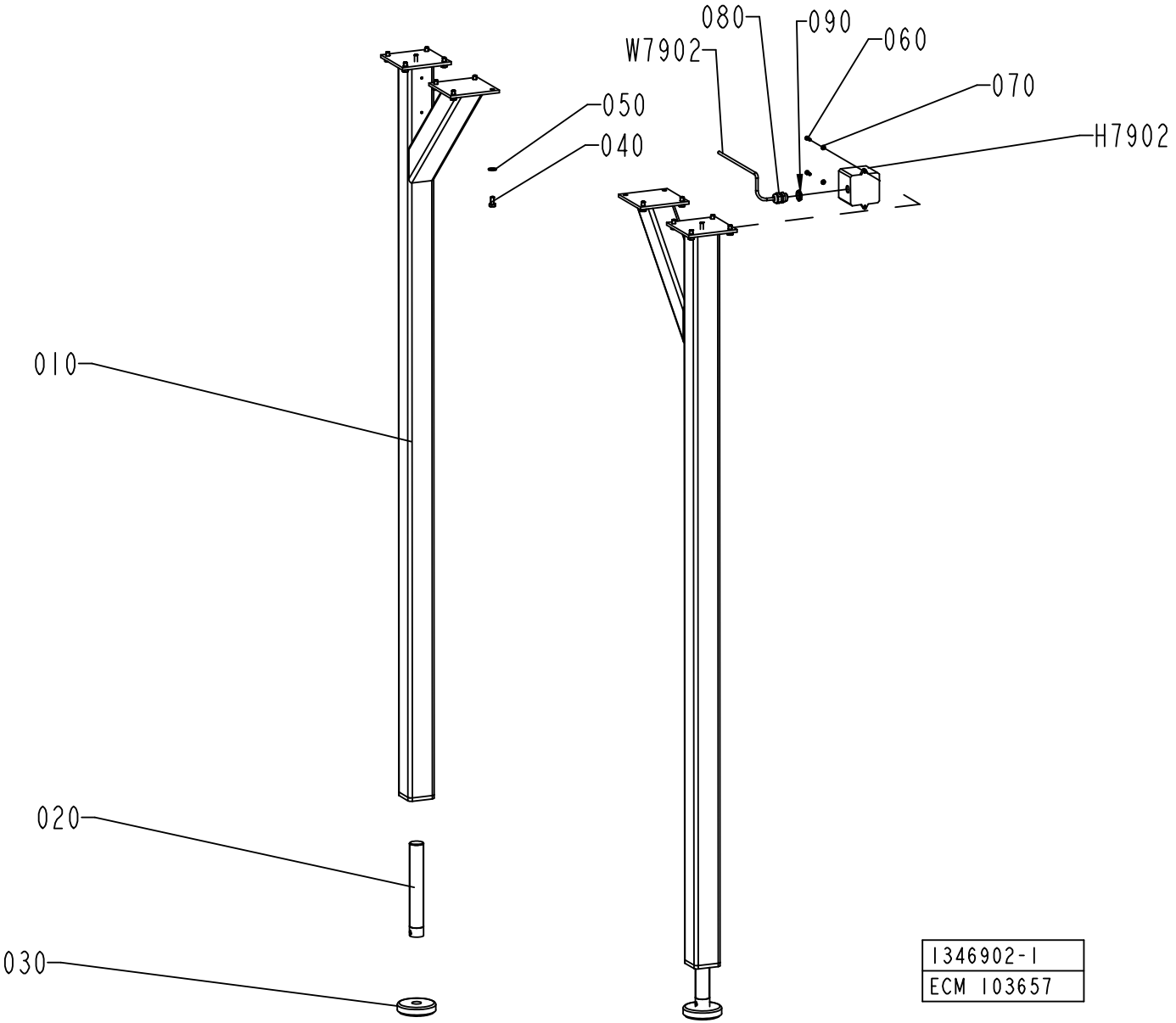
Pos	Part No	SP	UN	Qty	Description	Page No


010
110
130
040
120 (6x)
140 (6x)
060
140 (6x)
100 (6x)
020
050
030
S-1346901-1
ECN 71634

ECM: 89765 - 20010924
Group number: 1346901-0100
Assembly Drawing: 1346901-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346412-0000	-		1	PAPPER COVER	
020	1346424-0000	-		1	CABLE DUCT	
030	1346400-0000	-		1	CABLE DUCT	
040	1348915-0000	-		2	SPACER	
050	90099-0104	-		1	NUT, PR 15,2 (PG9)	
060	352103-0101	-		1	CABLE GLAND, ST 9, PR15,2/PG9	
100	312105-0293	-		6	SCREW M6S ISO 4017 M4X16 A480	
110	312105-0366	-		2	SCREW M6S M6X12 A280	
120	312605-0312	-		6	HEXAGON NUT, M6M M4 A280	
130	315115-0153	-		2	WASHER PLAIN, TBRB 6,4/12 H=3	
140	315105-0136	-		12	WASHER BRB4,3XRFR	

Pos	Part No	SP	UN	Qty	Description	Page No


080
090
060
W7902
070
050
040
H7902
010
020
030
1346902-1
ECM 103657

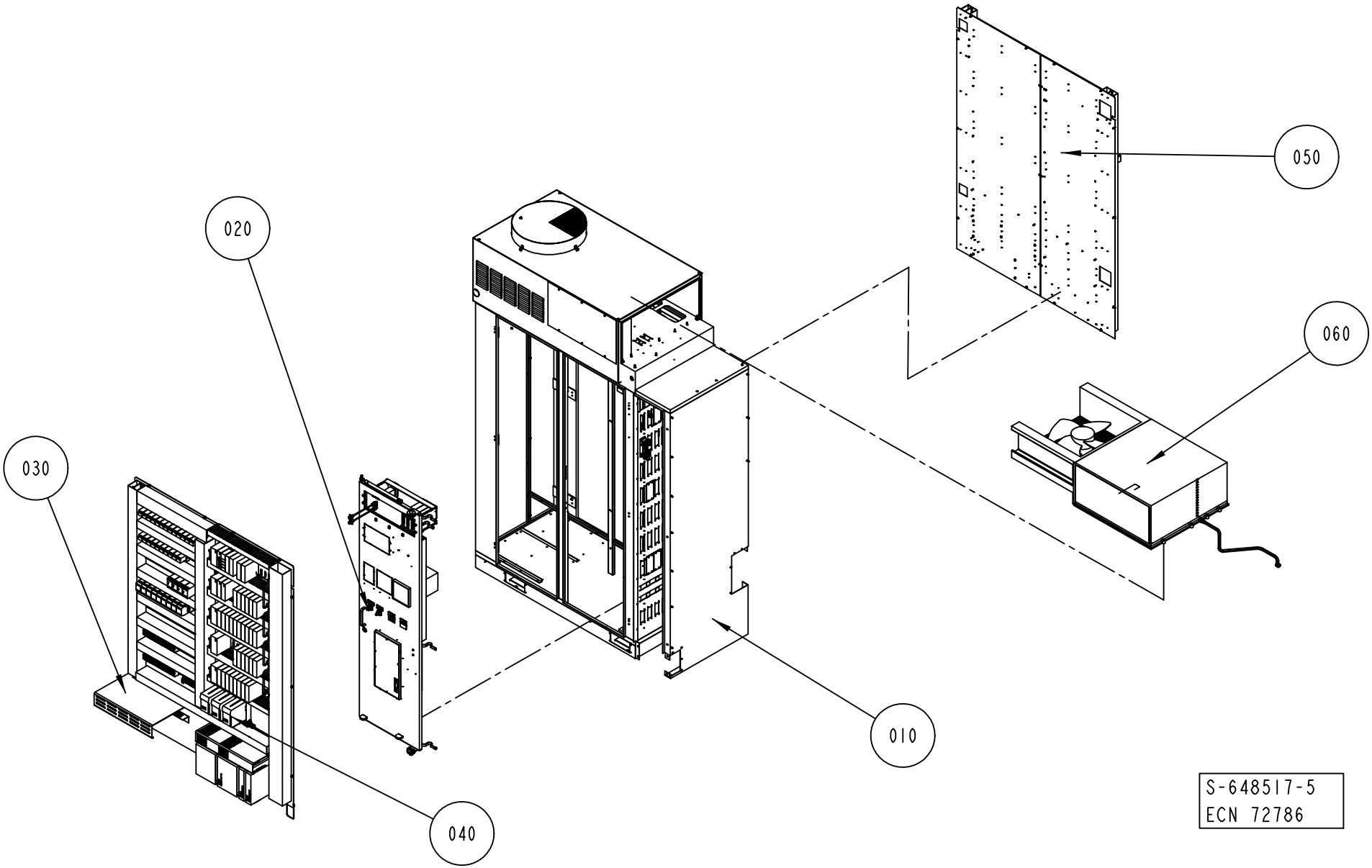
ECM: 109156 - 20021126
Group number: 1346902-0100
Assembly Drawing: 1346902-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346394-0000	-		2	LEG	
020	905373-0000	-		2	SCREW - LEG	
030	90347-0080	-		2	DAMPER TFE 1201	
040	312105-0491	-		16	SCREW M6S ISO 4017 M10X20 A480	
050	315105-0173	-		16	WASHER BRB10,5X22RFR	
060	315105-0146	-		2	BRICKA BRB5,3X10RFR	
070	312115-0329	-		2	SCREW ISO4762 M5X16 A4	
080	352103-0108	-		1	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
090	90099-0118	-		1	NUT, PR 20,4 (PG13,5)	
H7902	90052-0011	A		1	HORN HOOTERT 24:48VDC.PT NO.1YA030221	
W7902	351150-0403	-	M	10	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC
Spare Parts Catalogue


050
020
060
030
010
040
S-648517-5
ECN 72786

ECM: 102199 - 20020927
Group number: 648517-0500
Assembly Drawing: 648517-5_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
	1346218-0200	-		1	CABLE CABINET	**1027**
-	1317248-0300	-		1	TPOP DATA COLLECTION	**1029**
-	2559155-0100	-		1	TPOP LINE SUPERVISION	**1031**
-	2569905-0100	-		1	SOFTWARE	**1033**
010	1317247-0200	-		1	CABINET	**1043, 1045, 1047**
020	1350702-0200	-		1	COMPONENT DOOR	**1067, 1069**
030	1095641-0400	-		1	CONTROL LEFT	**1075, 1077**
040	1350699-0200	-		1	CONTROL RIGHT	**1083, 1085, 1087**
050	1095643-0400	-		1	POWER SUPPLY UNIT	**1089**
060	1095954-0200	-		1	COOLING SYSTEM	**1101**

Pos	Part No	SP	UN	Qty	Description	Page No

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ECM: 118678 - 20030305
Group number: 1346218-0200
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
	351164-0102	-	M	60	CABLE AWM 1X0,75 MM2 BLACK	
	351162-0109	-	M	8	CABLE AWM 1X16 MM2 YELLOW-GREEN	
	351162-0107	-	M	4	CABLE AWM 1X6 MM2 YELLOW-GREEN	
	351162-0106	-	M	4	CABLE AWM 1X4 MM2 YELLOW-GREEN	
	351162-0105	-	M	35	CABLE AWM 1X2,5 MM2 YELLOW-GREEN	
	351164-0110	-	M	12	CABLE AWM 1X25 MM2 BLACK	
	351164-0107	-	M	50	CABLE AWM 1X6 MM2 BLACK	
	351164-0106	-	M	5	CABLE AWM 1X4 MM2 BLACK	
	351164-0105	-	M	75	CABLE AWM 1X2,5 MM2 BLACK	
	351164-0104	-	M	140	CABLE AWM 1X1,5 MM2 BLACK	
	351162-0104	-	M	120	CABLE AWM 1X1,5 MM2 YELLOW-GREEN	
	351160-0106	-	M	15	CABLE AWM 1X4 MM2 DARKBLUE	
	351160-0105	-	M	20	CABLE AWM 1X2,5 MM2 DARKBLUE	
	351160-0102	-	M	1970	CABLE AWM 1X0,75 MM2 DARKBLUE	
	90220-0183	-	M	30	SCR. CABLE 2X0,34MM2	
	90220-0034	-	M	30	THERMOCOUPLE CABLE K/ 2X0,5MM2	
	351162-0102	-	M	53	CABLE AWM 1X0,75 MM2 YELLOW-GREEN	
	351161-0110	-	M	5	CABLE AWM 1X25 MM2 LIGHTBLUE	
	351161-0105	-	M	10	CABLE AWM 1X2,5 MM2 LIGHTBLUE	
	351161-0104	-	M	35	CABLE AWM 1X1,5 MM2 LIGHTBLUE	
	351161-0102	-	M	45	CABLE AWM 1X0,75 MM2 LIGHTBLUE	

Pos	Part No	SP	UN	Qty	Description	Page No

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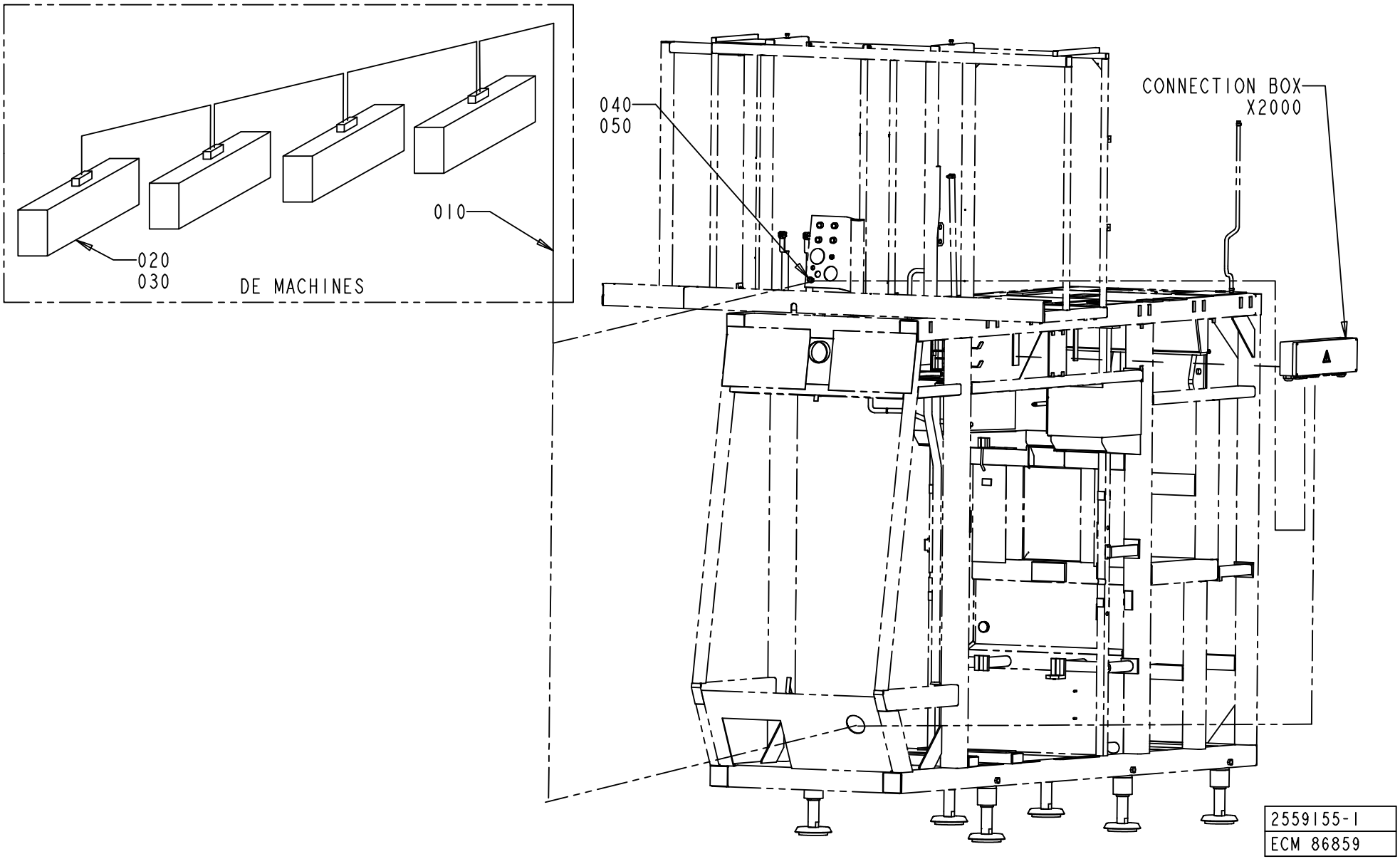
ECM: 122076 - 20030305
Group number: 1317248-0300
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90453-0001	B		1	MODEM MA-12	
020	90041-0068	-		1	DATACABLE MODEM PC	
030	90220-0091	-	M	200	PAIR TWISTED CABLE 2X2X0,25MM2	
040	1190007-0401	-		1	PLMS RECEIVE	
0020	*2547112-0000*	-		*1*	*DOCUMENTATION DISKETTE*	
0030	*2547113-0000*	-		*1*	*LABEL DISKETTE*	
0040	*2547114-0000*	-		*1*	*SHORT FORM INSTRUCTION*	
0050	*2547115-0000*	-		*1*	*MASTER DISKETTE*	
050	82197-0104	-		1	USER MANUAL	
060	1254471-0402	-		1	PLMS OFF-LINE	
0010	*47937-0402*	-		*1*	*PLMS OFF-LINE PROGRAM*	
0020	*2536025-0000*	-		*1*	*DOCUMENTATION DISKETTE*	
0030	*2518161-0000*	-		*1*	*LABEL CD*	
0040	*2547116-0000*	-		*1*	*LABEL DISKETTE*	
0050	*2536023-0000*	-		*1*	*SHORT FORM INSTRUCTION*	
0060	*2536024-0000*	-		*1*	*MASTER DISKETTE*	
0020	*82351-0105*	-		*1*	*USER MANUAL PLMS OFF-LINE*	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No


010
020
030
DE MACHINES
040
050
CONNECTION BOX
X2000
2559155-1
ECM 86859

ECM: 114284 - 20020927
Group number: 2559155-0100
Assembly Drawing: 2559155-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	90220-0091	-	M	200	PAIR TWISTED CABLE 2X2X0,25MM2	
020	90110-0518	-		5	PLINTH 15 PIN	
030	90110-0383	-		5	CONTACT COVER 15 PIN	
040	352103-0106	-		1	CABLE GLAND, ST 11, PR18,6/PG11	
050	90099-0117	-		1	NUT, PR 18,6 (PG11)	

Pos	Part No	SP	UN	Qty	Description	Page No

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ECM: 116664 - 20020927
Group number: 2569905-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
	2569906-0100	-		1	SOFTWARE TMCC	**1035**
	2569907-0100	-		1	SOFTWARE DMC	**1037**
	1095912-0500	-		1	SOFTWARE TPOP	**1039**
	2570031-0100	-		1	SOFTWARE PLC	**1041**

Pos	Part No	SP	UN	Qty	Description	Page No

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ECM: 121861 - 20030305
Group number: 2569906-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
A418:2	2506898-0201	-		1	TMCC PROGRAMME	
A419:2	2506905-0201	-		1	TMCC PROGRAMME	
A420:2	2579725-0001	-		1	TMCC PROGRAMME	
0010	*2579725-1001*	*-*		*1*	*PROGRAM OBJECT CODE*	
0020	*2579728-0000*	*-*		*1*	*LABEL DISKETTE*	
0030	*90458-2027*	*-*		*1*	*FLOPPY DISK, 3,5" 1,44MB FOR PC*	

Pos	Part No	SP	UN	Qty	Description	Page No

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ECM: 116666 - 20020927
Group number: 2569907-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
A506:2	2523777-0101	-		1	DMC PROGRAMME	
A507/8:2	2523770-0101	-		1	DMC PROGRAMME	

Pos	Part No	SP	UN	Qty	Description	Page No

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ECM: 121860 - 20030305
Group number: 1095912-0500
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
0010	47932-0601	-		1	PLMS BASIC PROGRAM	
0020	*58283-0000*	-		*1*	*DOCUMENTATION DISKETT*	
0030	*1363455-0000*	-		*1*	*LABELS DISKETT*	
0040	*1363456-0000*	-		*1*	*LABELS FLEXBOX*	
0050	*58282-0000*	-		*1*	*SHORT FORM INSTRUCTION*	
0060	*58280-0000*	-		*1*	*MASTER DISKETT*	
0030	48621-0501	-		1	PLMS DDE	
0020	*2536014-0000*	-		*1*	*DOCUMENTATION DISKETTE*	
0030	*2536015-0000*	-		*1*	*LABEL DISKETTE*	
0040	*2536016-0000*	-		*1*	*LABEL FLEXBOX*	
0050	*2536013-0000*	-		*1*	*SHORT FORM INSTRUCTION*	
0060	*2536011-0000*	-		*1*	*MASTER DISKETTE*	
0050	47962-0401	-		1	PLMS DOS WINDOWS	
0020	*58291-0000*	-		*1*	*DOCUMENTATION DISKETT*	
0030	*1363460-0000*	-		*1*	*LABELS FLEXBOX*	
0040	*58290-0000*	-		*1*	*SHORT FORM INSTRUCTION*	
0060	47936-0201	-		1	PLMS INTOUCH RUNTIME PROGRAM	
0020	*57587-0000*	-		*1*	*DOCUMENTATION DISKETT*	
0030	*597779-0000*	-		*1*	*LABELS FLEXBOX*	
0040	*57588-0000*	-		*1*	*SHORT FORM INSTRUCTION*	
0070	1190006-0401	-		1	PLMS SEND	
0020	*2547106-0000*	-		*1*	*DOCUMENTATION DISKETTE*	
0030	*2547107-0000*	-		*1*	*LABEL DISKETTE*	
0040	*2547108-0000*	-		*1*	*LABEL FLEXBOX*	
0050	*2547109-0000*	-		*1*	*SHORT FORM INSTRUCTION*	
0060	*2547110-0000*	-		*1*	*MASTER DISKETTE*	
0080	48421-0007	-		1	TPOP HMI	
0010	*2579844-0000*	-		*1*	*LABEL DISKETTE*	
0020	*2579845-0000*	-		*1*	*LABEL FLEXBOX*	
0030	*48421-1007*	-		*1*	*PROGRAM OBJECT CODE*	
0040	*90458-2027*	-		*2*	*FLOPPY DISK, 3,5" 1,44MB FOR PC*	
0090	48422-0007	-		1	PLMS CONFIG	
0010	*2579871-0000*	-		*1*	*LABEL DISKETTE*	
0020	*2579872-0000*	-		*1*	*LABEL FLEXBOX*	
0030	*48422-1007*	-		*1*	*PROGRAM OBJECT CODE*	
0040	*90458-2027*	-		*1*	*FLOPPY DISK, 3,5" 1,44MB FOR PC*	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

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ECM: 121862 - 20030305
Group number: 2570031-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
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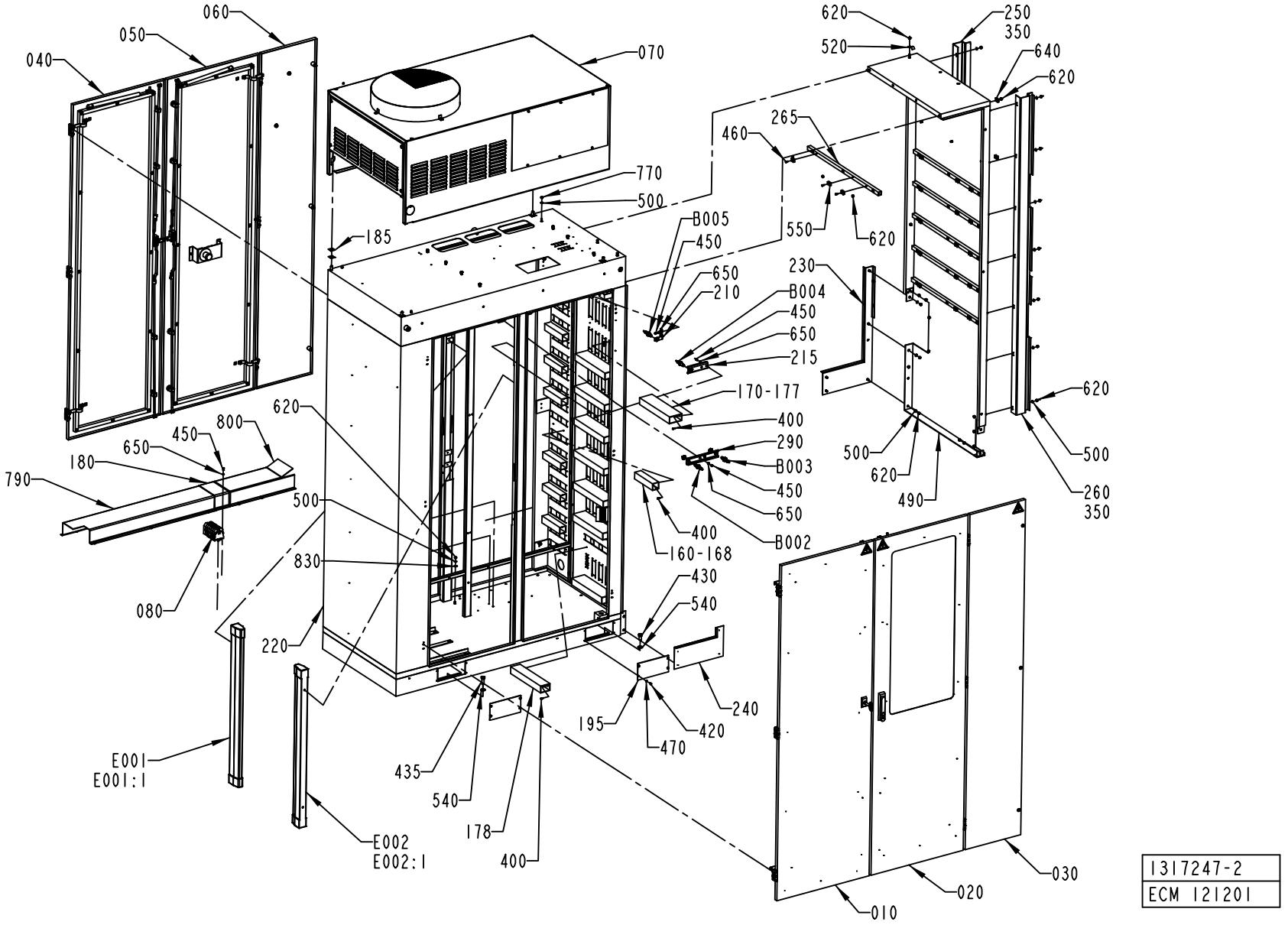
D100:1	48246-0003	-		1	PLC-PROGRAMME LIST	
0010	*48246-1003*	*-*		*1*	*PROGRAM OBJECT CODE*	
0020	*2588334-0000*	*-*		*1*	*LABEL DISKETTE*	
0030	*90458-2027*	*-*		*1*	*FLOPPY DISK, 3,5" 1,44MB FOR PC*	

Pos	Part No	SP	UN	Qty	Description	Page No



1317247-2
ECM 121201

ECM: 118675 - 20030305
Group number: 1317247-0200
Assembly Drawing: 1317247-2_1_AE

This list covers pages from 1042 to 1047

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1350698-0100	-		1	DOOR	**1049**
020	1317250-0100	-		1	DOOR	**1051**
030	1095634-0100	-		1	DOOR	**1053**
040	1317828-0100	-		1	DOOR	**1055**
050	1317829-0100	-		1	DOOR	**1057**
060	1095637-0100	-		1	DOOR	**1059**
070	1282032-0300	-		1	HOOD	**1061**
080	1095778-0100	-		1	PLINTH	**1063**
085	1035438-0400	-		1	IH EQUIPMENT	**1065**
110	1037572-0000	-		17	COVER PLATE	
120	1037573-0000	-		17	GASKET	
130	1037574-0000	-		7	COVER PLATE	
135	1129481-0000	-		1	COVERING PLATE	
140	1037575-0000	-		7	GASKET	
145	1129478-0000	-		1	GASKET	
150	1037576-0000	-		1	GASKET	
160	90181-0038	-	MM	170	CABLE DUCT, 40X40MM	
161	90181-0038	-	MM	170	CABLE DUCT, 40X40MM	
162	90181-0038	-	MM	170	CABLE DUCT, 40X40MM	
163	90181-0038	-	MM	170	CABLE DUCT, 40X40MM	
164	90181-0038	-	MM	170	CABLE DUCT, 40X40MM	
165	90181-0038	-	MM	170	CABLE DUCT, 40X40MM	
166	90181-0038	-	MM	170	CABLE DUCT, 40X40MM	
167	90181-0038	-	MM	170	CABLE DUCT, 40X40MM	
168	90181-0038	-	MM	170	CABLE DUCT, 40X40MM	
170	90181-0053	-	MM	285	CABLE DUCT, 40X80MM	
171	90181-0053	-	MM	285	CABLE DUCT, 40X80MM	
172	90181-0053	-	MM	285	CABLE DUCT, 40X80MM	
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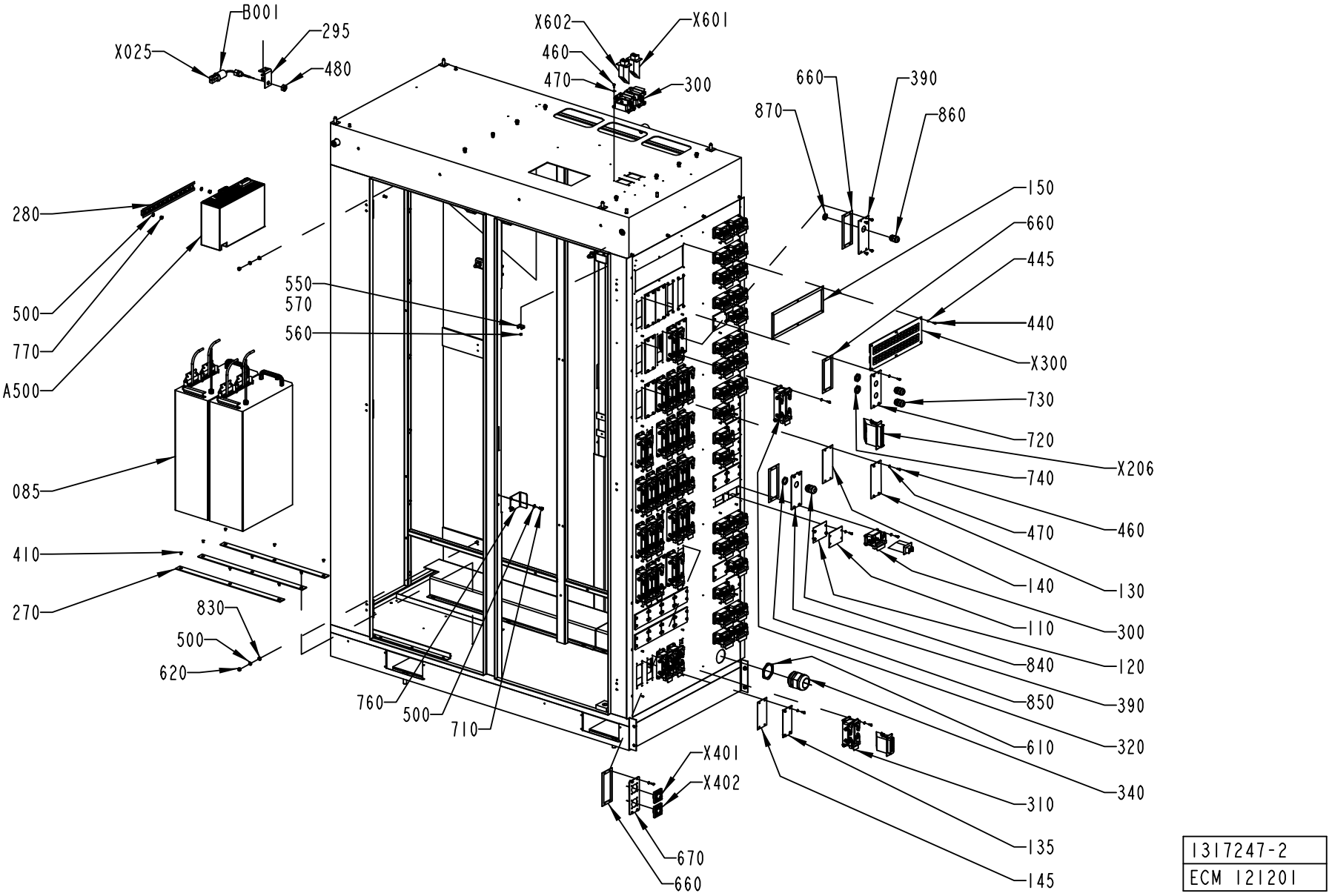
176	90181-0053	-	MM	285	CABLE DUCT, 40X80MM	
177	90181-0053	-	MM	285	CABLE DUCT, 40X80MM	
178	90181-0045	-	MM	285	CABLE DUCT, 40X60MM	
180	1140519-0000	-		1	PROTECTION	
185	1129276-0000	-		8	GASKET	
195	1038408-0000	-		4	COVERING PLATE	
210	985842-0000	-		1	BRACKET	
215	1350704-0000	-		1	BRACKET	
220	1487686-0000	-		1	WELDED CABINET	
230	1129155-0000	-		1	COVERING PLATE	
240	1129156-0000	-		1	COVERING PLATE	
250	1129157-0000	-		1	PROFILE	
260	1129158-0000	-		1	PROFILE	
265	1129159-0000	-		6	BRACKET	
270	1129264-0000	-		3	SLIDING STRIP	
280	353042-0005	-	M	1	RAIL TS 35/7.5	
290	1129322-0000	-		1	BRACKET	
295	1129318-0000	-		1	BRACKET	
300	90110-0166	-		31	CHASSIS HOUSING 310144-33	
310	90110-0167	-		3	CHASSIS HOUSING 310133-33	
320	90110-0153	-		21	CHASSIS HOUSING 24-P CHI 24, 121240 0000	
340	352103-0123	-		1	CABLE GLAND, ST 42, PR54,0/PG42	
350	90143-0057	-	M	30	STRIP EMKA 1011-05 21X11MM	
390	1105595-0000	-		2	PLATE	
400	90287-0124	-		36	SCREW PAN HEAD MSCS M4X12 NYLON	
410	312145-0287	-		9	SCREW COUNTERS.SLOT.HD. MFS 4X8 SS	
420	312105-0287	-		16	SCREW M6S ISO4017 M4X8 A480	
430	312105-0534	-		2	SCREW M6S ISO 4017 M12X25 A480	
435	312105-0538	-		2	SCREW M6S ISO 4017 M12X35 A480	
440	312125-0222	-		14	SLOTTED SCREW MCS M3X8 SS	
445	315105-0124	-		6	WASHER BRB3,2X6RFR	
450	312105-0323	-		18	SCREW M6S ISO 4017 M5X8 A480	
460	312125-0289	-		366	SLOTTED SCREW MCS 4X10 A480	
470	315105-0136	-		365	WASHER BRB4,3XRFR	
480	90330-0034	-		1	NUT, HEXAGON, G1/4	
490	1129973-0000	-		1	COVERING PANEL	
500	315105-0153	-		42	WASHER BRB6,4X12RFR	
520	90074-0011	-		1	CABLE CLIPS, D=14 MM	
540	315105-0178	-		4	WASHER BRB13X24RFR	
550	352113-0203	-		30	ANCHOR PLATES FOR STRIPS, TYPE TM3S8-M0	
560	312605-0312	-		12	HEXAGON NUT, M6M M4 A280	
570	352113-0101	-		15	CLIP STRIP, 92X2,5 MM	
610	90099-0096	-		1	NUT	
620	312605-0316	-		52	HEXAGON NUT, M6M M6 A280	
640	352113-0204	-		2	ANCHOR PLATES FOR STRIPS, TYPE TM3S25-M	
650	315105-0146	-		18	WASHER BRB5,3X10RFR	
660	1129550-0000	-		4	GASKET	
670	1129549-0000	-		1	SHEET	
710	312105-0364	-		2	SCREW M6S ISO 4017 M6X10 A480	
720	1038820-0000	-		1	COVER PLATE	
730	352103-0108	-		2	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
740	90099-0118	-		2	NUT, PR 20,4 (PG13,5)	

Machine Type | Group Description | Used-In | Group Number | Page No



1317247-2
ECM 121201

Pos	Part No	SP	UN	Qty	Description	Page No
- (Cont'd)						
760	1140769-0000	-		1	DOOR STOPPER	
770	312812-0316	-		10	HEXAGON NUT, NY-LOCK M6 A480	
790	1035951-0000	-		1	PROTECTION PLATE	
800	1254092-0000	-		1	PROTECTION PLATE	
830	90062-0015	-		8	LOCK WASHER SERRAT.EXT.GEAR,6,4/11 H=0,7	
840	352103-0110	-		1	CABLE GLAND, STR 16, PR22,5/PG16	
850	90099-0003	-		1	NUT	
860	352103-0106	-		1	CABLE GLAND, ST 11, PR18,6/PG11	
870	90099-0002	-		1	NUT PR 18,6 BRASS	
A500	90458-0724	A		1	STABILIZED POWER SUPPLY, SITOP 40A 24VDC	
B001	90326-0053	A		1	THERMOCOUPLE, 12826-35	
B002	90458-0672	B		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B003	90458-0672	B		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B004	90458-0672	B		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
B005	90458-0672	B		1	PROXIMITY SENSOR E2E2-X5MB1-5M	
E001	90164-0018	-		1	LIGHT FIXTURE, FK 130	
E001:1	90297-0011	-		1	FLUORESCENT TUBE, TDL 30W/840	
E002	90164-0018	-		1	LIGHT FIXTURE, FK 130	
E002:1	90297-0011	-		1	FLUORESCENT TUBE, TDL 30W/840	
X025	90326-0020	-		1	PLUG, FEMALE YELLOW CR-AL	
X101	90110-0161	-		1	FEMALE INSERT 70 105 0653 0	
X102	90110-0161	-		1	FEMALE INSERT 70 105 0653 0	
X103	90110-0161	-		1	FEMALE INSERT 70 105 0653 0	
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X234	90110-0164	-		1	FEMALE INSERT 70 105 2453 3	
X300	90326-0316	-		1	THERMO CONTACT PANEL	
X401	90110-0236	-		1	CHASSIS CONTACT PX0767/S	
X402	90110-0236	-		1	CHASSIS CONTACT PX0767/S	
X501	90110-0165	-		1	FEMALE INSERT 70.005.0653.0	
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X503	90110-0165	-		1	FEMALE INSERT 70.005.0653.0	
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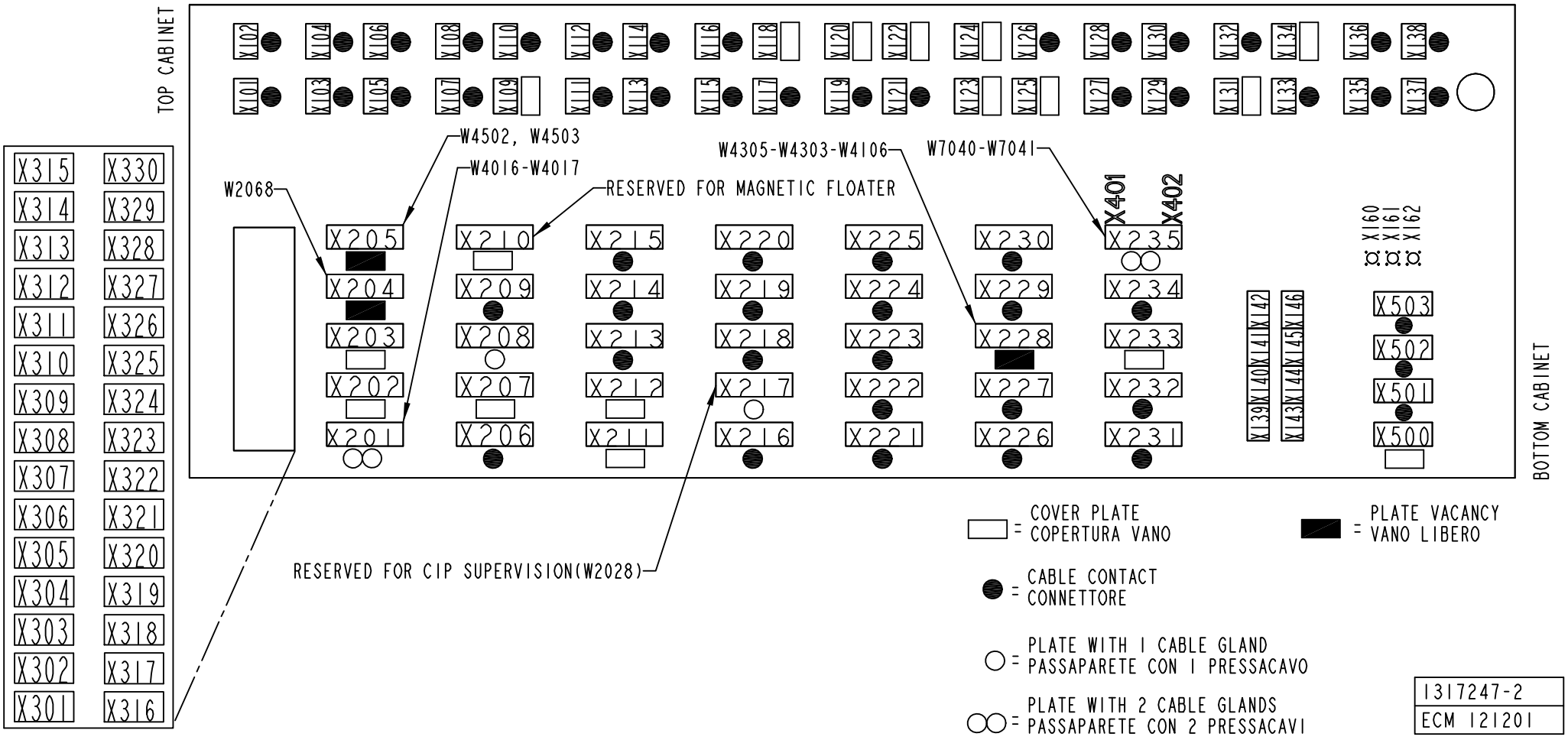
TOP CABINET
BOTTOM CABINET
X315 X330
X314 X329
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X302 X317
X301 X316
X101 X102 X103 X104 X105 X106 X107 X108 X109 X110 X111 X112 X113 X114 X115 X116 X117 X118 X119 X120 X121 X122 X123 X124 X125 X126 X127 X128 X129 X130 X131 X132 X133 X134 X135 X136 X137 X138
X201 X202 X203 X204 X205
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X401 X402
X139 X140 X141 X142
X143 X144 X145 X146
X160 X161 X162
X500 X501 X502 X503
W2068
W4502, W4503
W4016-W4017
RESERVED FOR MAGNETIC FLOATER
W4305-W4303-W4106
W7040-W7041
RESERVED FOR CIP SUPERVISION(W2028)
= COVER PLATE COPERTURA VANO
= PLATE VACANCY VANO LIBERO
= CABLE CONTACT CONNETTORE
= PLATE WITH 1 CABLE GLAND PASSAPARETE CON 1 PRESSACAVO
= PLATE WITH 2 CABLE GLANDS PASSAPARETE CON 2 PRESSACAVI
1317247-2
ECM 121201

Pos	Part No	SP	UN	Qty	Description	Page No
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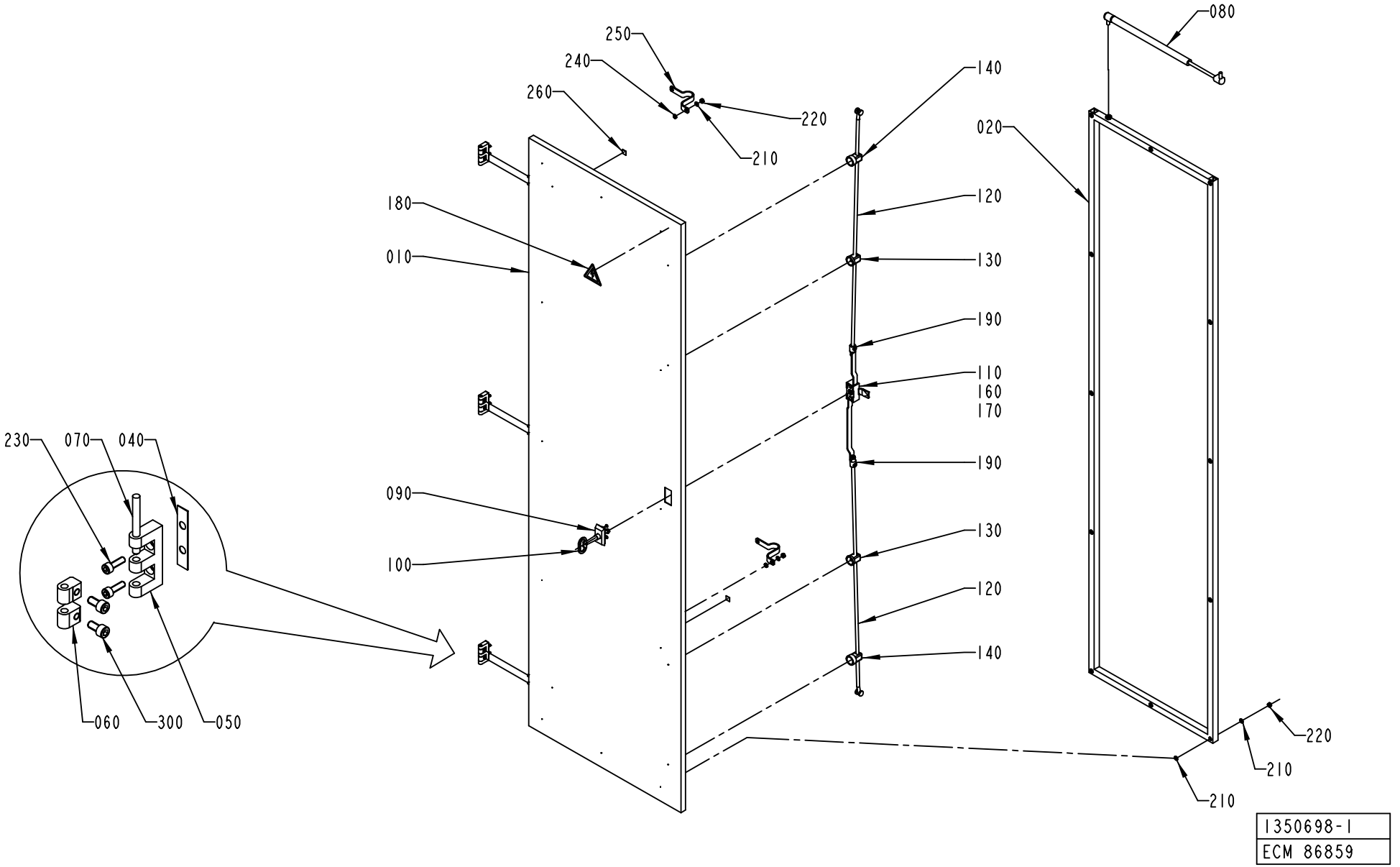
Pos	Part No	SP	UN	Qty	Description	Page No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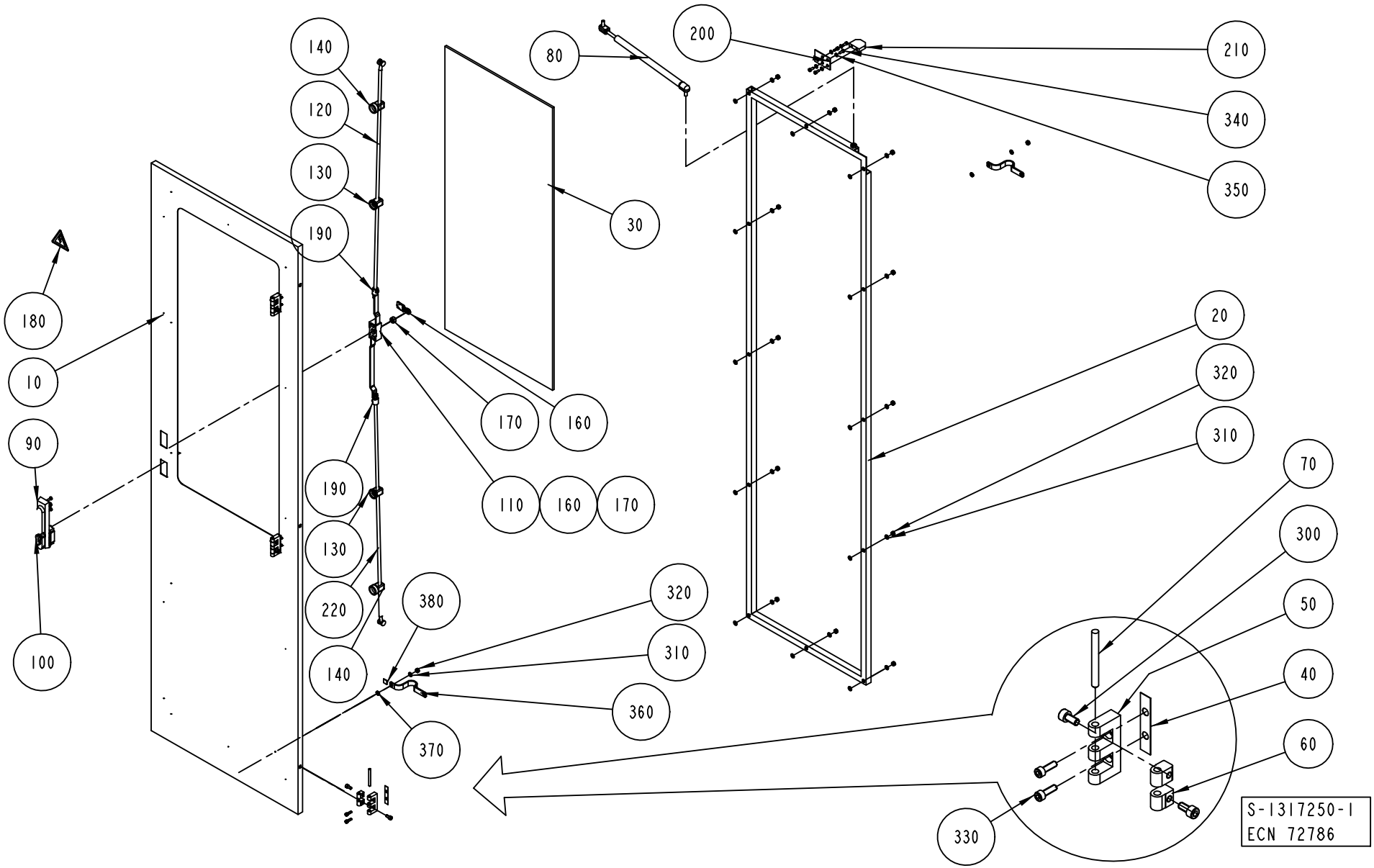
1350698-1
ECM 86859

ECM: 114790 - 20020927
Group number: 1350698-0100
Assembly Drawing: 1350698-1_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1350703-0000	-		1	DOOR	
020	1348913-0000	-		1	FRAME	
040	988666-0000	-		3	GASKET	
050	1035792-0000	-		3	E-HINGE	
060	1129770-0000	-		6	BLOCKING PIECE	
070	988685-0000	-		3	PIN	
080	90347-0163	-		1	GAS-DAMPER	
090	90237-0160	-		1	ESCUTCHEON WITH SQUARE, 1121-U23/U13	
100	90237-0324	-		1	KEY, 1104-02 FOR SQUARE 8 MM	
110	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
120	90237-0168	-		2	ROUND BAR WITH END WHEEL, 1049-U5	
130	90237-0151	-		2	GUIDE, 1001-U11	
140	90237-0152	-		2	GUIDE, 1001-U12	
150	1348846-0000	-		1	ROD	
160	90237-0156	-		1	LOCK BOLT, 1000-16	
170	90237-0155	-		1	LOCK ADAPTER, 1121-U40	
180	359705-0015	-		1	WARNING SIGN ISO, RISK OF ELECTRIC SHOCK	
190	90237-0169	-		2	LOCK ADAPTER, 1000-U49	
210	315105-0153	-		26	WASHER BRB6,4X12RFR	
220	312605-0316	-		14	HEXAGON NUT, M6M M6 A280	
230	312115-0329	-		6	SCREW ISO4762 M5X16 A4	
240	90062-0015	-		2	LOCK WASHER SERRAT.EXT.GEAR,6,4/11 H=0,7	
250	90135-0035	-		2	EARTH WIRE, L=250 MM 16 MM2	
260	90194-0152	-		2	SIGN, EARTH	
300	312115-0366	-		6	SCREW ISO4762 M6X12 A4	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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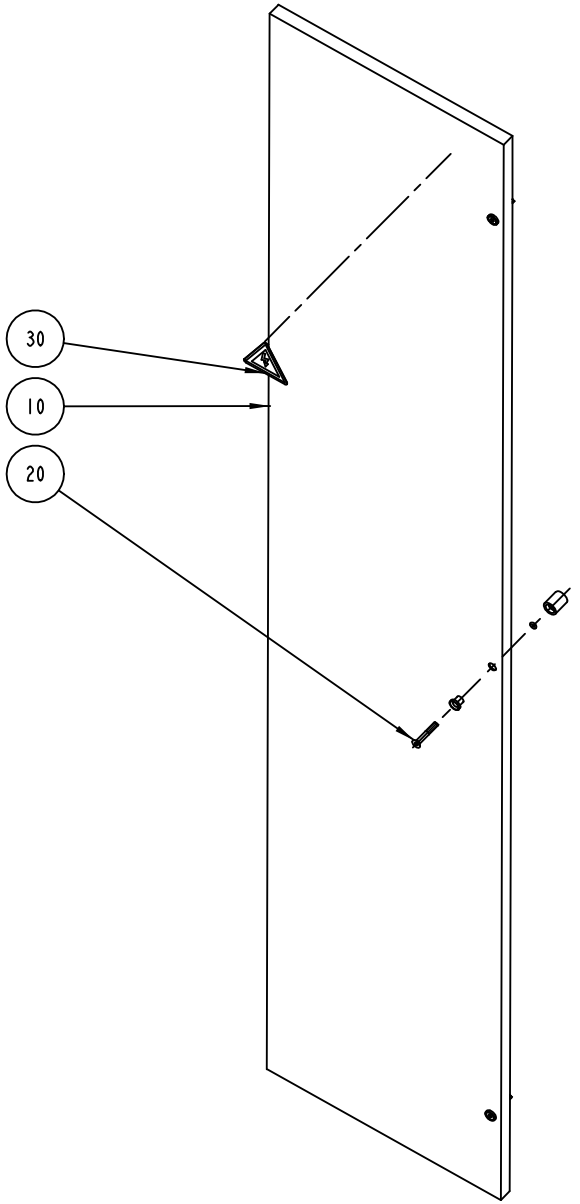
S-1317250-1
ECN 72786

ECM: 72786 - 19991125
Group number: 1317250-0100
Assembly Drawing: 1317250-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1140748-0000	-		1	DOOR	
020	1140715-0000	-		1	FRAME	
030	1129047-0000	-		1	GLASS PANE	
040	988666-0000	-		3	GASKET	
050	1035792-0000	-		3	E-HINGE	
060	1129770-0000	-		6	BLOCKING PIECE	
070	988685-0000	-		3	PIN	
080	90347-0163	-		1	GAS-DAMPER	
090	90237-0176	-		1	TURNING HANDLE	
100	90237-0128	-		1	LOCK CYLINDER, 1109-U3	
110	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
120	90237-0168	-		1	ROUND BAR WITH END WHEEL, 1049-U5	
130	90237-0151	-		2	GUIDE, 1001-U11	
140	90237-0152	-		2	GUIDE, 1001-U12	
150	90157-0041	-		1	SEALING COMPOUND	
160	90237-0156	-		1	LOCK BOLT, 1000-16	
170	90237-0155	-		1	LOCK ADAPTER, 1121-U40	
180	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
190	90237-0169	-		2	LOCK ADAPTER, 1000-U49	
200	985851-0000	-		1	BRACKET	
210	970215-0000	-		1	STOP BLOCK	
220	90237-0168	-		1	ROUND BAR WITH END WHEEL, 1049-U5	
300	312115-0366	-		6	SCREW ISO4762 M6X12 A4	
310	315105-0153	-		26	WASHER BRB6,4X12RFR	
320	312605-0316	-		12	HEXAGON NUT, M6M M6 A280	
330	312115-0329	-		6	SCREW ISO4762 M5X16 A4	
340	312125-0327	-		5	SCREW PAN HEAD MCS M5X12 SS	
350	315105-0146	-		5	WASHER BRB5,3X10RFR	
360	90135-0035	-		2	EARTH WIRE, L=250 MM 16 MM2	
370	90062-0015	-		2	LOCK WASHER SERRAT.EXT.GEAR,6,4/11 H=0,7	
380	90194-0152	-		2	SIGN, EARTH	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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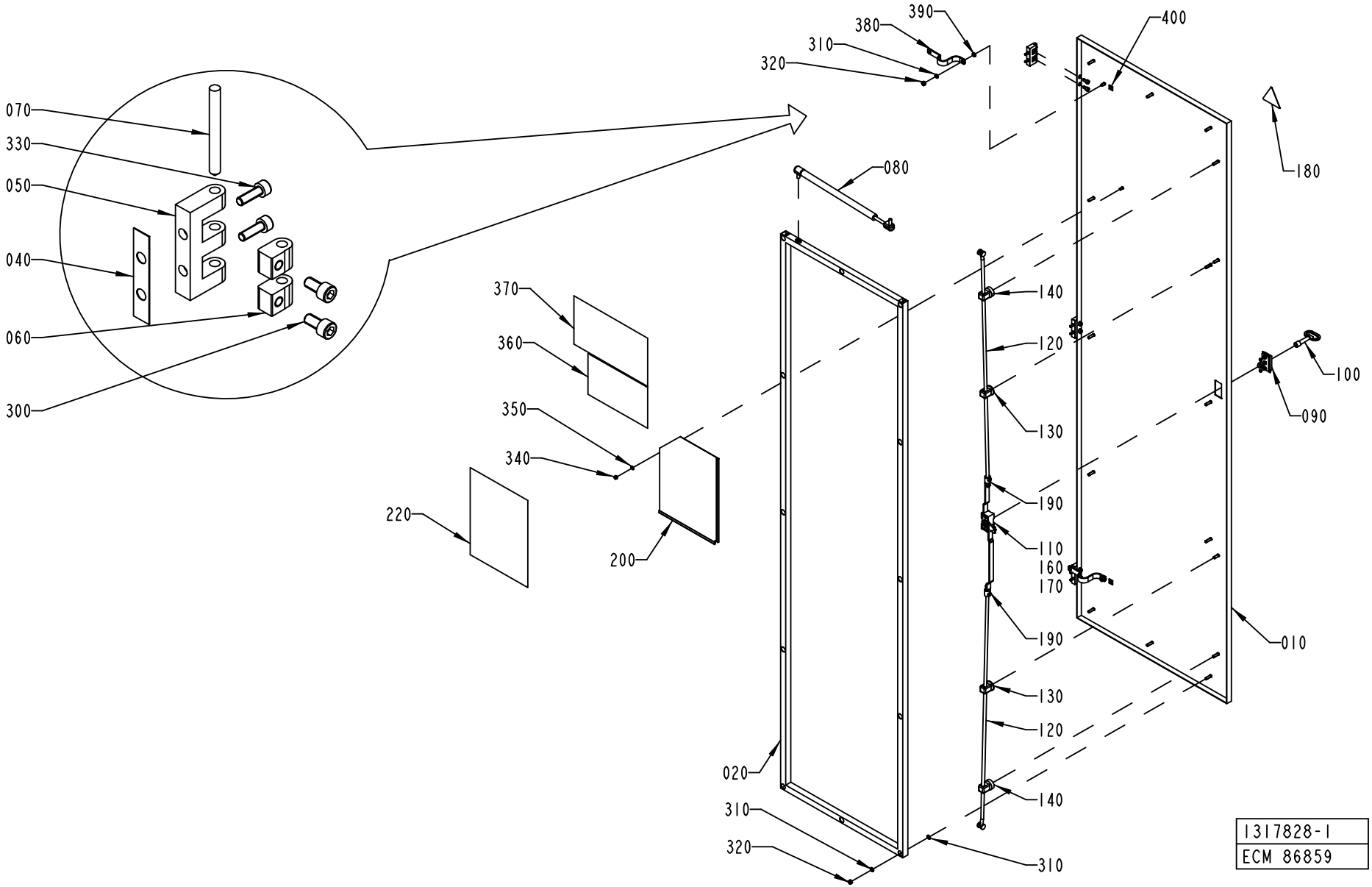
ECM: - -
Group number: 1095634-0100
Assembly Drawing: 1095634-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1041939-0000	-		1	DOOR	
020	90226-0458	-		3	MOUNTING SCREW	
030	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	

Pos	Part No	SP	UN	Qty	Description	Page No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010
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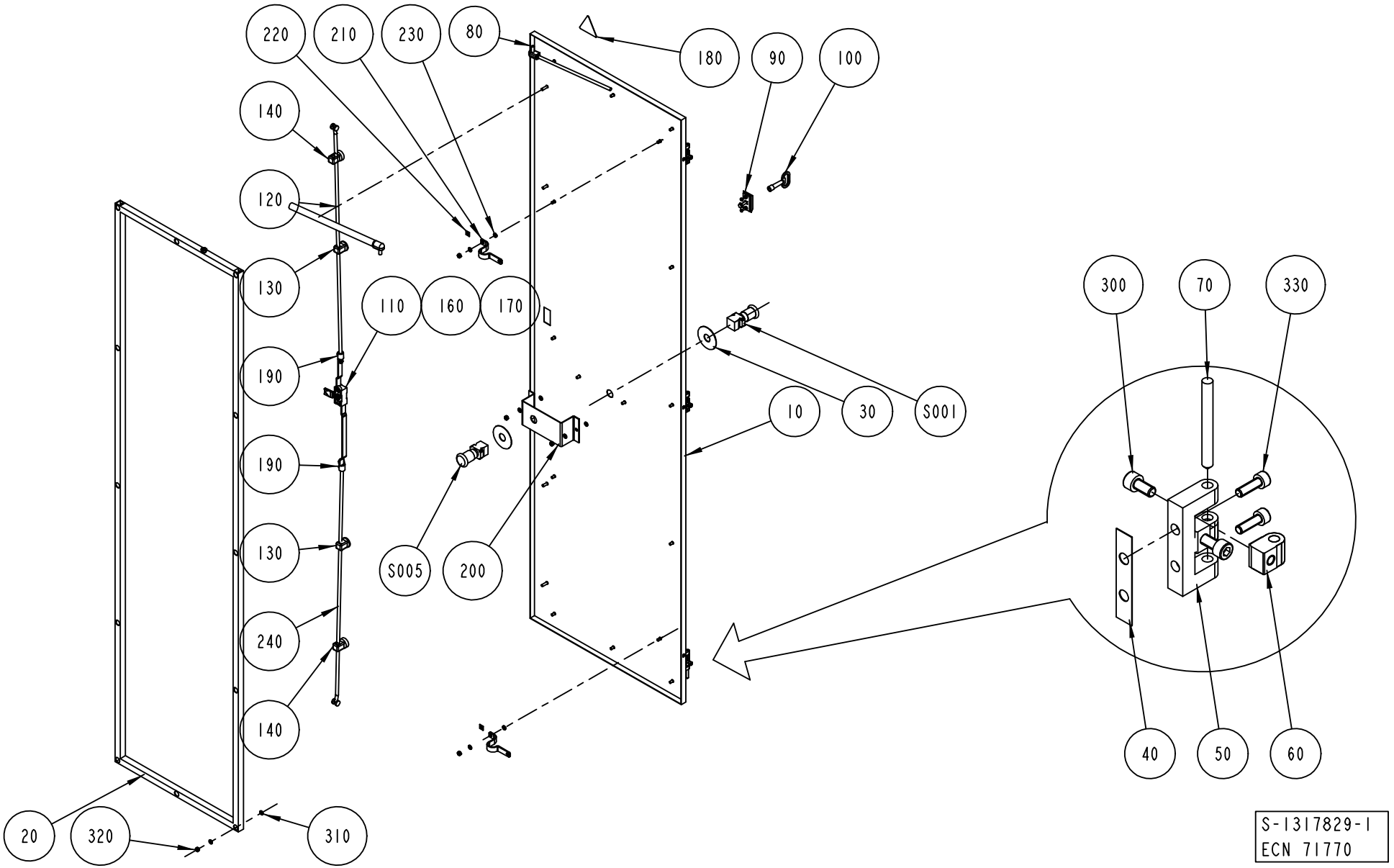
310
1317828-1
ECM 86859

ECM: 101639 - 20020927
Group number: 1317828-0100
Assembly Drawing: 1317828-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1140787-0000	-		1	DOOR	
020	1140786-0000	-		1	FRAME	
040	988666-0000	-		3	GASKET	
050	1035792-0000	-		3	E-HINGE	
060	1129770-0000	-		6	BLOCKING PIECE	
070	988685-0000	-		3	PIN	
080	90347-0163	-		1	GAS-DAMPER	
090	90237-0160	-		1	ESCUTCHEON WITH SQUARE, 1121-U23/U13	
100	90237-0324	-		1	KEY, 1104-02 FOR SQUARE 8 MM	
110	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
120	90237-0168	-		2	ROUND BAR WITH END WHEEL, 1049-U5	
130	90237-0151	-		2	GUIDE, 1001-U11	
140	90237-0152	-		2	GUIDE, 1001-U12	
160	90237-0156	-		1	LOCK BOLT, 1000-16	
170	90237-0155	-		1	LOCK ADAPTER, 1121-U40	
180	359705-0015	-		1	WARNING SIGN ISO, RISK OF ELECTRIC SHOCK	
190	90237-0169	-		2	LOCK ADAPTER, 1000-U49	
200	1036977-0000	-		1	HOLDER	
220	1487818-0000	-		1	FUSE BOARD	
300	312115-0366	-		6	SCREW ISO4762 M6X12 A4	
310	315105-0153	-		26	WASHER BRB6,4X12RFR	
320	312605-0316	-		14	HEXAGON NUT, M6M M6 A280	
330	312115-0329	-		6	SCREW ISO4762 M5X16 A4	
340	312605-0314	-		1	HEXAGON NUT, M6M M5 A280	
350	315105-0146	-		1	WASHER BRB5,3X10RFR	
360	90194-0080	-		1	SIGN, IDENTIFICATION OF WIRING	
370	90194-0133	-		1	SIGN "DELIVERED DESIGN"	
380	90135-0035	-		2	EARTH WIRE, L=250 MM 16 MM2	
390	90062-0015	-		2	LOCK WASHER SERRAT.EXT.GEAR,6,4/11 H=0,7	
400	90194-0152	-		2	SIGN, EARTH	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No


220
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S001
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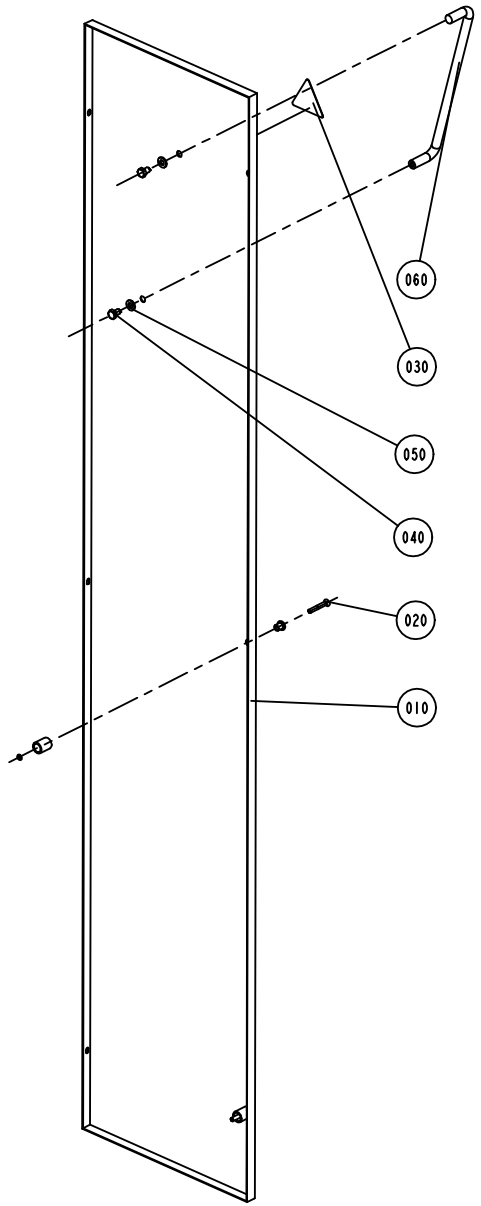
S-1317829-1
ECN 71770

ECM: 71770 - 19990604
Group number: 1317829-0100
Assembly Drawing: 1317829-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1140672-0000	-		1	DOOR	
020	1140671-0000	-		1	FRAME	
030	486826-0001	-		2	SIGN "EMERGENCY STOP"	
040	988666-0000	-		3	GASKET	
050	1035792-0000	-		3	E-HINGE	
060	1129770-0000	-		6	BLOCKING PIECE	
070	988685-0000	-		3	PIN	
080	90347-0163	-		1	GAS-DAMPER	
090	90237-0160	-		1	ESCUTCHEON WITH SQUARE, 1121-U23/U13	
100	90237-0324	-		1	KEY, 1104-02 FOR SQUARE 8 MM	
110	90237-0153	-		1	LOCK HOUSING, 1121-U26-0B	
120	90237-0168	-		1	ROUND BAR WITH END WHEEL, 1049-U5	
130	90237-0151	-		2	GUIDE, 1001-U11	
140	90237-0152	-		2	GUIDE, 1001-U12	
160	90237-0156	-		1	LOCK BOLT, 1000-16	
170	90237-0155	-		1	LOCK ADAPTER, 1121-U40	
180	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
190	90237-0169	-		2	LOCK ADAPTER, 1000-U49	
200	1038699-0000	-		1	BRACKET	
210	90135-0035	-		2	EARTH WIRE, L=250 MM 16 MM2	
220	90194-0152	-		2	SIGN, EARTH	
230	90062-0015	-		2	LOCK WASHER SERRAT.EXT.GEAR,6,4/11 H=0,7	
240	90237-0168	-		1	ROUND BAR WITH END WHEEL, 1049-U5	
300	312115-0366	-		6	SCREW ISO4762 M6X12 A4	
310	315105-0153	-		30	WASHER BRB6,4X12RFR	
320	312605-0316	-		16	HEXAGON NUT, M6M M6 A280	
330	312115-0329	-		6	SCREW ISO4762 M5X16 A4	
S001	90064-0124	-		1	SWITCH, EM. STOP, ZB2-BS844+ZB2-BZ1045	
S005	90064-0124	-		1	SWITCH, EM. STOP, ZB2-BS844+ZB2-BZ1045	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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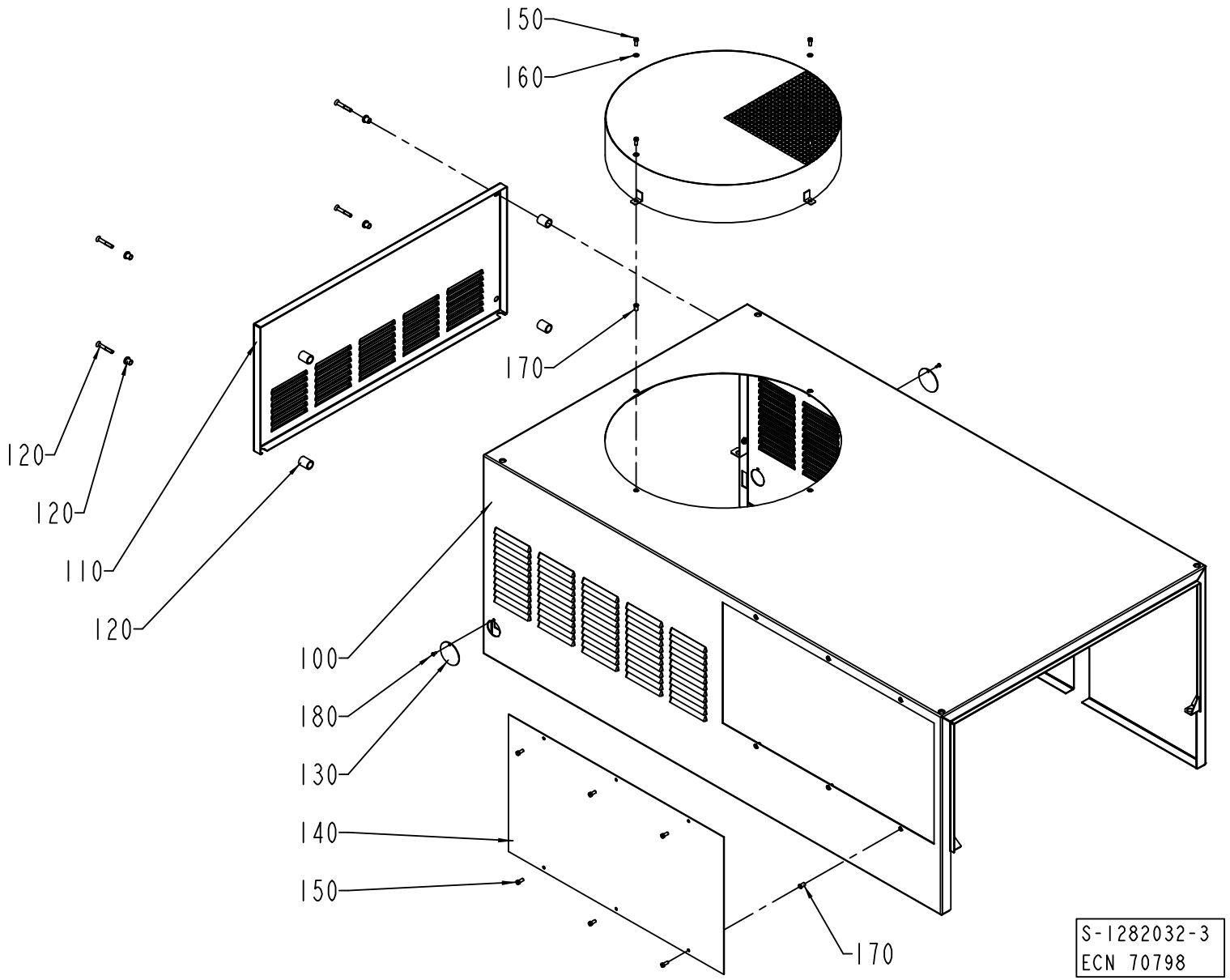
ECM: - -
Group number: 1095637-0100
Assembly Drawing: 1095637-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1041948-0000	-		1	DOOR	
020	90226-0458	-		3	MOUNTING SCREW	
030	90194-0016	-		1	WARNING SIGN, RISK OF ELECTRIC SHOCK	
040	312105-0447	-		2	SCREW M6S ISO 4017 M8X12 A480	
050	90005-0077	-		2	WASHER PL.RND.NYL.8,4/7, H=2	
060	90017-0015	-		1	HANDLE, NO. 14.4012.02.308	

Pos	Part No	SP	UN	Qty	Description	Page No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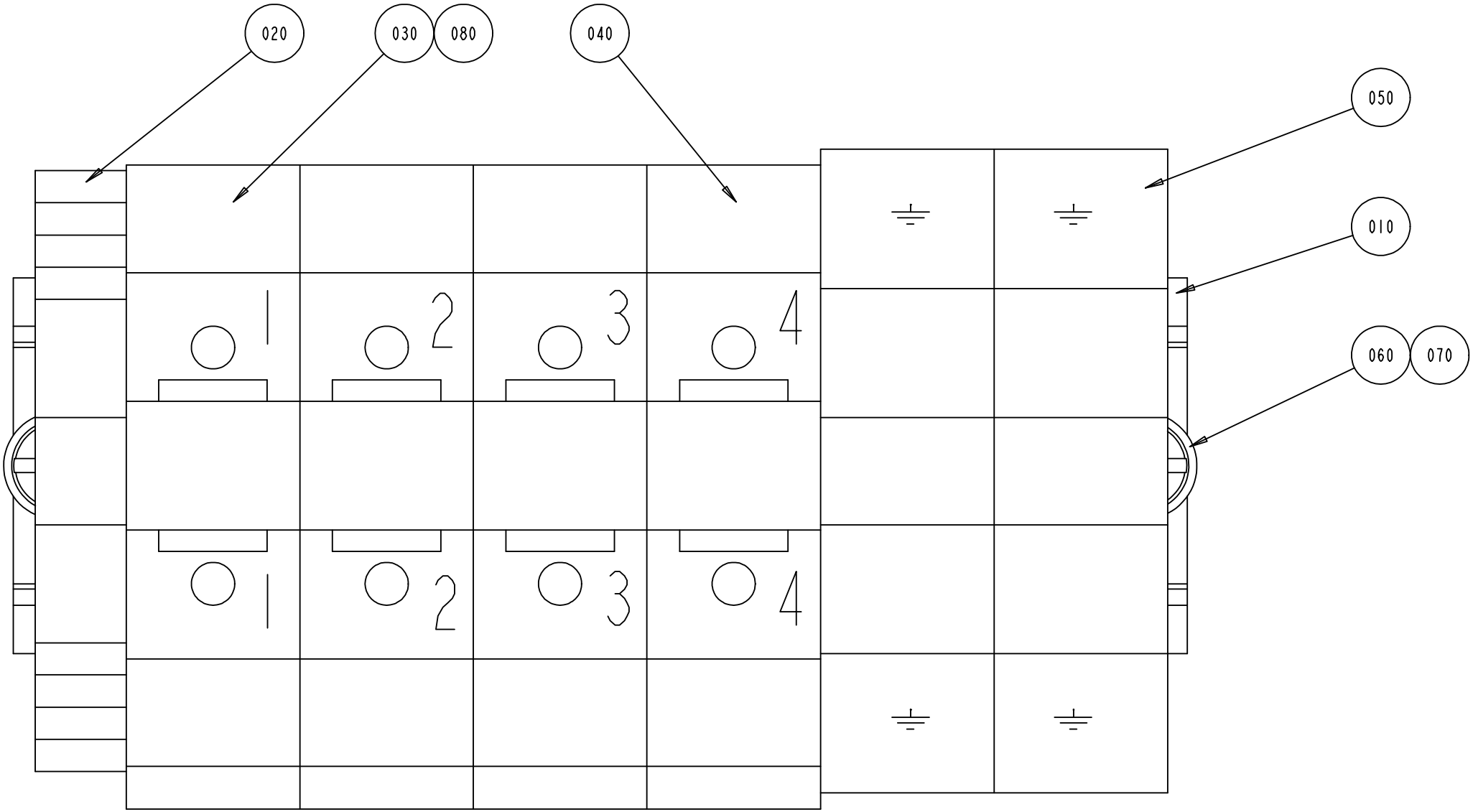
S-1282032-3
ECN 70798

ECM: 70798 - 19981211
Group number: 1282032-0300
Assembly Drawing: 1282032-3_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	1285622-0000	-		1	HOOD	
110	1478610-0000	-		1	COVER	
120	90226-0458	-		4	MOUNTING SCREW	
130	1478611-0000	-		2	COVER	
140	1478612-0000	-		1	COVER	
150	312125-0327	-		10	SCREW PAN HEAD MCS M5X12 SS	
160	315105-0146	-		4	WASHER BRB5,3X10RFR	
170	312923-0122	-		10	RIVET NUT M5, CLAMP. LENGTH 1,5 - 2,0	
180	311521-0143	-		2	BLANK RIVET 3,2X8	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No


020
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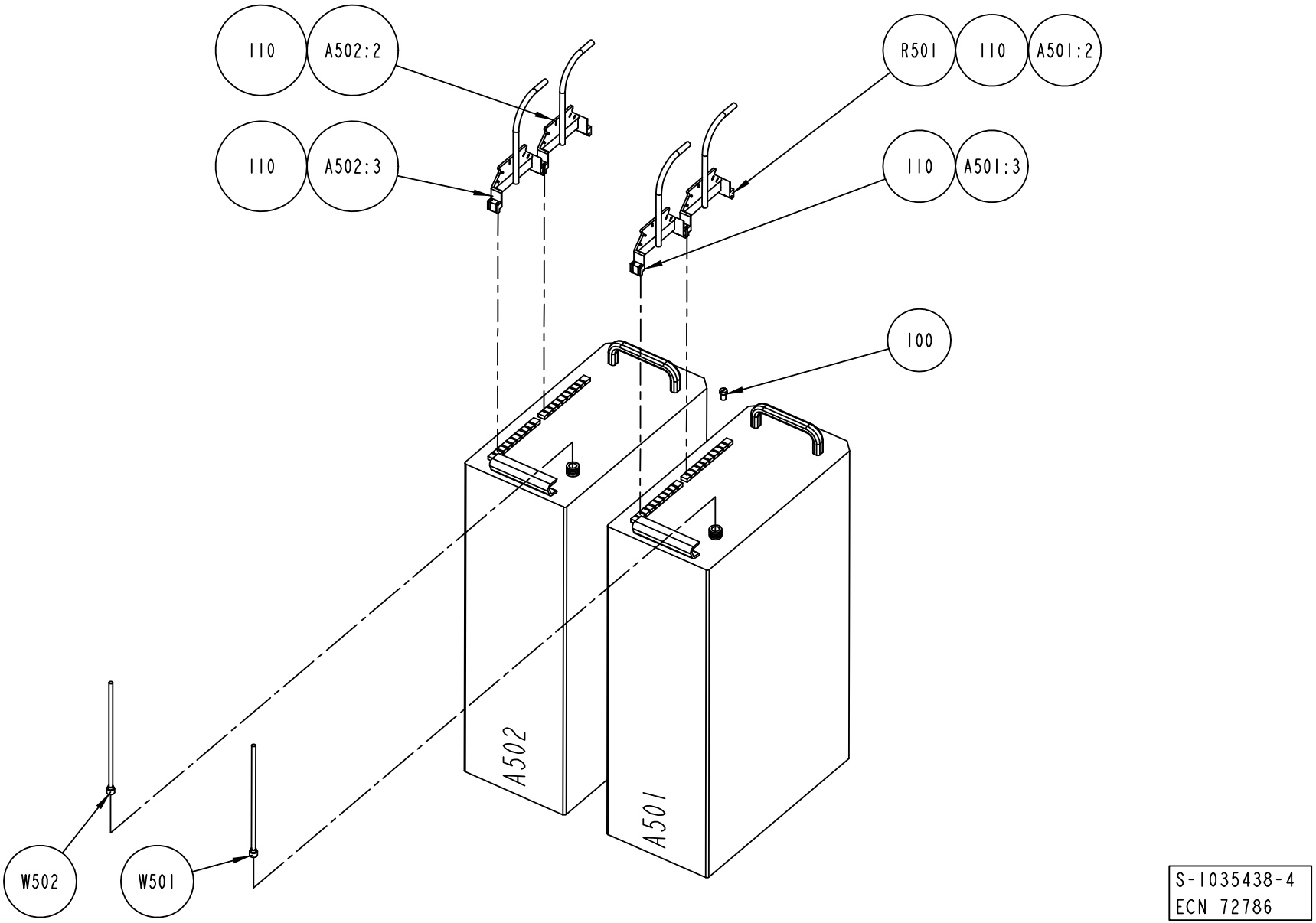
ECM: - -
Group number: 1095778-0100
Assembly Drawing: 1095778-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	353042-0005	-	MM	130	RAIL TS 35/7.5	
020	353031-0203	-		1	END SUPPORT, WEW 35/2	
030	353021-0219	-		3	FEED THROUGH TERMINAL, 10205.0	
040	353021-0226	-		1	BY-PASS TERMINAL WDU 35	
050	353024-0209	-		2	EARTH TERMINAL, 1010.5	
060	312125-0327	-		2	SCREW PAN HEAD MCS M5X12 SS	
070	315105-0146	-		2	WASHER BRB5,3X10RFR	
080	359011-0807	-		2	MARKING PLATES 5-FW 1-50	

Pos	Part No	SP	UN	Qty	Description	Page No



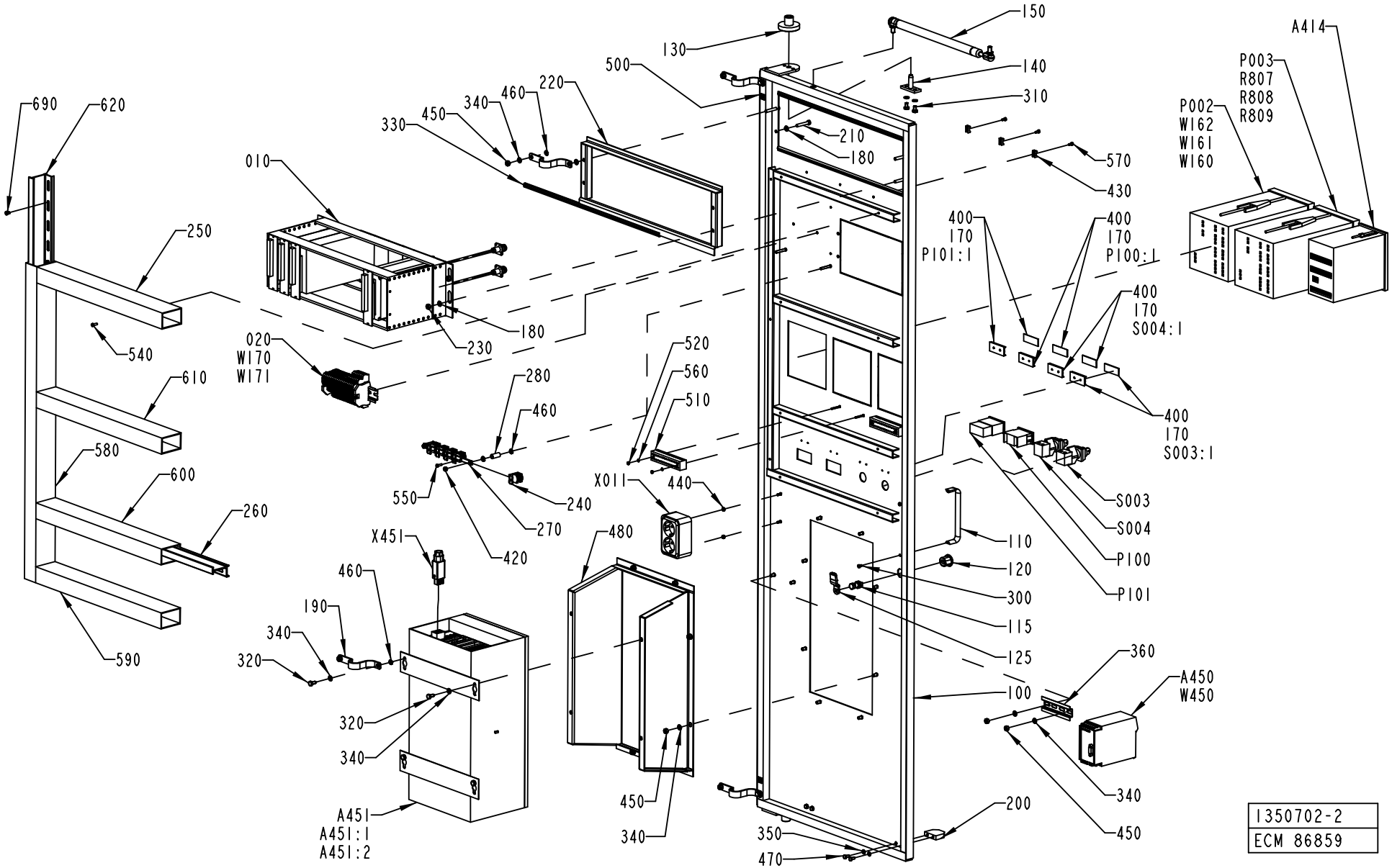
S-1035438-4
ECN 72786

ECM: 101637 - 20020927
Group number: 1035438-0400
Assembly Drawing: 1035438-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	312105-0323	-		2	SCREW M6S ISO 4017 M5X8 A480	
110	90110-0122	-		4	COVER, 09 06 000 9957	
A501	67600-0501	A		1	TPIH GENERATOR	
A501:2	90110-0121	-		1	FEMALE INSERT GDS A-H 09 06 215 2811	
A501:3	90110-0121	-		1	FEMALE INSERT GDS A-H 09 06 215 2811	
A502	67600-0501	A		1	TPIH GENERATOR	
A502:2	90110-0121	-		1	FEMALE INSERT GDS A-H 09 06 215 2811	
A502:3	90110-0121	-		1	FEMALE INSERT GDS A-H 09 06 215 2811	
R501	90121-0090	A		1	RESISTANCE FIXED, 10 KOHM, 0,5 W	
W501	1140285-0007	A		1	COAXIAL CABLE L= 4000 MM	
W502	1140284-0001	A		1	COAXIAL CABLE L= 5000 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No



1350702-2
ECM 86859

ECM: 101631 - 20020927
Group number: 1350702-0200
Assembly Drawing: 1350702-2_1_AD

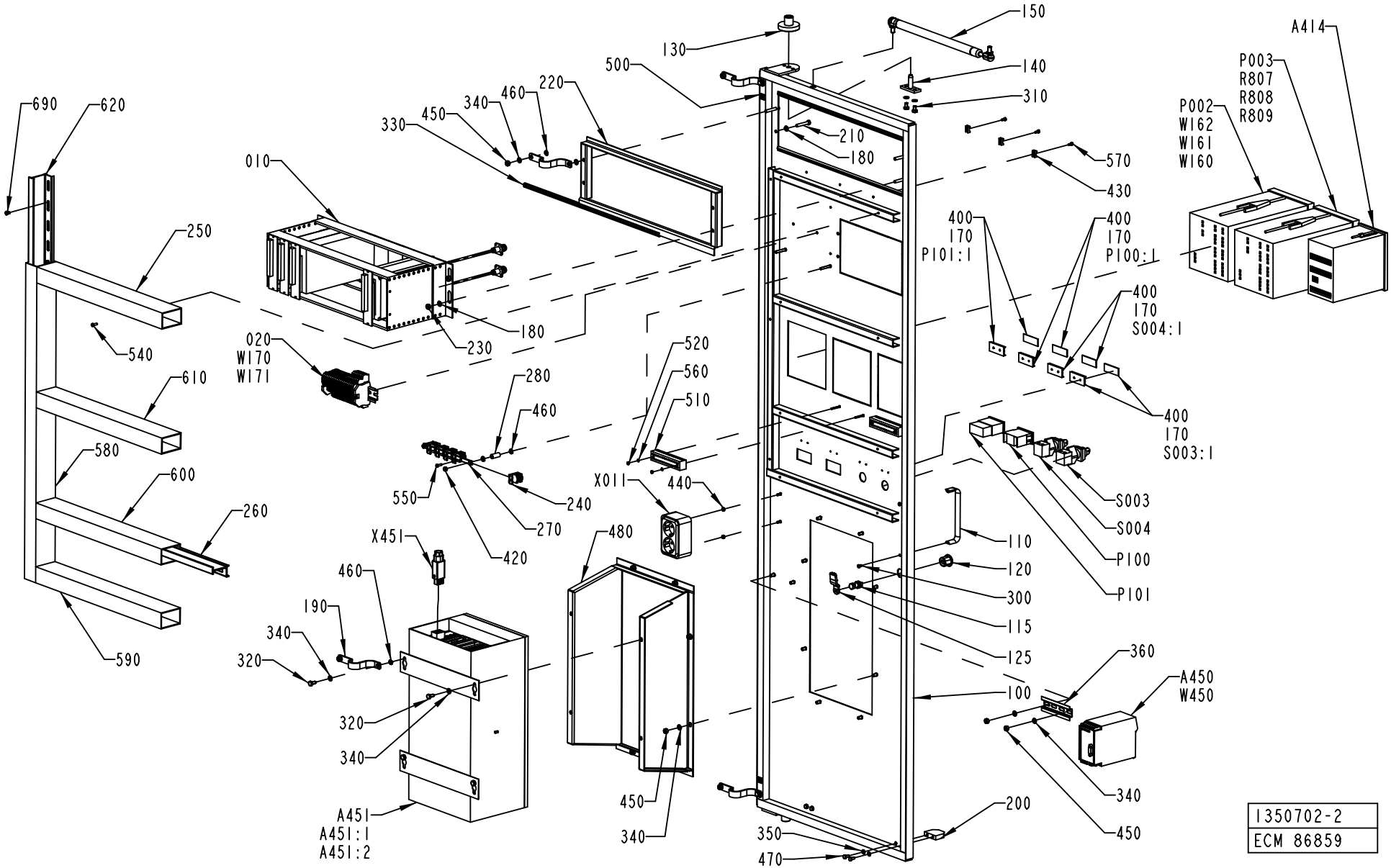
This list covers pages from 1066 to 1069

Pos	Part No	SP	UN	Qty	Description	Page No
CIPSUPERV						
A414	90243-0214	A		1	CONDUCTIVITY METER	
A451	1363288-0301	A		1	FLEXBOX TETRA BRIK	
100	*90041-0092*	*A*		*1*	*FLEX BOX INNOSCAN E100006A*	
	90458-0266	*A*		*1*	*POWER SUPPLY UNIT, U036407A*	
	90264-0064	*A*		*1*	*FAN / FL 12G308*	
	90041-0091	*A*		*1*	*PC 2,5" HD BAY, 3016-0028-013*	
	90041-0029	*A*		*1*	*FLOPPY DISC UNIT FD-235HF 1,4MB*	
	90041-0027	*A*		*1*	*BACK PLANE CARD 7-SLOT, 2120-0037-015*	
110	*90041-0083*	*A*		*1*	*HOST COMM. LINK BOARD LVDS, E000013A-02*	
120	*90458-0259*	*A*		*1*	*PROCESSOR BOARD PMMX E000032B*	
130	*90041-0087*	*A*		*1*	*SERIAL CARD 2 CHANNEL RS486/422 BOARD*	
140	*90041-0090*	*A*		*1*	*HARD DISC 2,5" , U036403A*	
150	*90041-0080*	*A*		*1*	*CABLE, CPU-LVDSCARD+DISPLAY-LVDSCARD*	
160	*90041-0086*	*A*		*1*	*CABLE, COM 2, 2223-0012-015*	
P003	90332-0020	A		1	RECORDER HONEYWELL	
	90332-0328	*-*		*1*	*RECORDER CASSETTE PAPER ROLL FOR 90332-2*	
	90332-0326	*-*		*1*	*DOWNLOADE INTRFACE FOR RECORDER 90332-20*	
	90332-0325	*-*		*1*	*PAPER FOR RECORDER 90332-20*	
	90332-0324	*-*		*1*	*INK WHEEL*	
R807	90121-0120	-		1	RESISTANCE FIXED, 0,25 KOHM, 0,125 W	
R808	90121-0120	-		1	RESISTANCE FIXED, 0,25 KOHM, 0,125 W	
R809	90121-0120	-		1	RESISTANCE FIXED, 0,25 KOHM, 0,125 W	
NOCIPSUPERV						
A451	1363288-0301	A		1	FLEXBOX TETRA BRIK	
100	*90041-0092*	*A*		*1*	*FLEX BOX INNOSCAN E100006A*	
	90458-0266	*A*		*1*	*POWER SUPPLY UNIT, U036407A*	
	90264-0064	*A*		*1*	*FAN / FL 12G308*	
	90041-0091	*A*		*1*	*PC 2,5" HD BAY, 3016-0028-013*	
	90041-0029	*A*		*1*	*FLOPPY DISC UNIT FD-235HF 1,4MB*	
	90041-0027	*A*		*1*	*BACK PLANE CARD 7-SLOT, 2120-0037-015*	
110	*90041-0083*	*A*		*1*	*HOST COMM. LINK BOARD LVDS, E000013A-02*	
120	*90458-0259*	*A*		*1*	*PROCESSOR BOARD PMMX E000032B*	
130	*90041-0087*	*A*		*1*	*SERIAL CARD 2 CHANNEL RS486/422 BOARD*	
140	*90041-0090*	*A*		*1*	*HARD DISC 2,5" , U036403A*	
150	*90041-0080*	*A*		*1*	*CABLE, CPU-LVDSCARD+DISPLAY-LVDSCARD*	
160	*90041-0086*	*A*		*1*	*CABLE, COM 2, 2223-0012-015*	
Common Parts						
010	1317249-0200	-		1	RACK	**1071**
020	1478384-0100	-		1	PLINTH	**1073**

Pos	Part No	SP	UN	Qty	Description	Page No
100	1478383-0000	-		1	SWING FRAME	
110	90017-0017	-		1	HANDLE, NO. 547-128	
115	90237-0320	-		1	LOCK HOUSING, 1000-U136	
120	90237-0319	-		1	LOCK HOUSING, 1000-U134	
125	90237-0157	-		1	LOCK BOLT, 1000-230	
130	495377-0000	-		2	BUSH	
140	971346-0000	-		2	GUIDE PIN	
150	90347-0163	-		1	GAS-DAMPER	
170	359240-0100	-		4	SIGN HOLDER FOR 359240-0001	
180	315105-0153	-		8	WASHER BRB6,4X12RFR	
190	90135-0035	-		4	EARTH WIRE, L=250 MM 16 MM2	
200	970215-0000	-		2	STOP BLOCK	
210	312125-0376	-		4	SCREW PAN HEAD MCS M6X35 SS	
220	1038355-0000	-		1	FRAME	
240	90135-0039	-		4	SHIELD CLIP KLBU 4-13.5	
250	90181-0045	-	MM	450	CABLE DUCT, 40X60MM	
260	90181-0066	-	MM	450	DIVIDING PLATE SEP60	
270	1478385-0000	-		1	EARTH BAR	
280	1478386-0000	-		2	SPACER	
300	312121-0285	-		2	SCREW SLOT.PAN HD. MCS 4X6 FZB	
310	312101-0364	-		4	SCREW M6S M6X10 FZB	
320	312101-0366	-		6	SCREW M6S M6X12 FZB	
330	90143-0060	-	MM	1500	EDGE STRIP 9,5X6,3MM BLACK PVC	
340	315101-0153	-		24	WASHER PLAIN, BRB, 6,4/12 H=1,5	
350	315101-0146	-		4	WASHER PLAIN, BRB, 5,3/10 H=1	
360	353042-0005	-	MM	100	RAIL TS 35/7.5	
400	311520-0329	-		8	RIVET, BLANK 2,4X8	
420	312601-0314	-		2	NUT M6M5FZB	
430	352113-0205	-		3	ANCHOR PLATES FOR STRIPS, TYPE TM2S8-C10	
440	312601-0312	-		2	NUT M6M 4-8 FZB	
450	312601-0316	-		14	NUT M6M 6-8 FZB	
455	312625-0316	-		2	HEXAGON THIN NUT, EN 24035 ML6M M6 A4	
460	90062-0022	-		12	LOCKING WASHER D=6,4/11	
470	312101-0325	-		4	SCREW M6S M5X10 FZB	
480	1347145-0000	-		1	FRAME	
500	90194-0152	-		2	SIGN, EARTH	
510	90077-0106	-		2	TERMINAL STRIP, MK4/16 KRG 10-00024422-1	
520	312601-0310	-		4	NUT M6M3FZB	
540	90287-0300	-		11	SCREW SLOT.PAN HD. MCS M4X6 PL	
550	312122-0291	-		5	SCREW PAN HEAD MCS M4X12 NL. PL.	
560	315101-0124	-		4	WASHER PLAIN, BRB, 3,2/6 H=0,5	
570	312121-0287	-		3	SCREW SLOT.PAN HD. MCS 4X8 FZB	

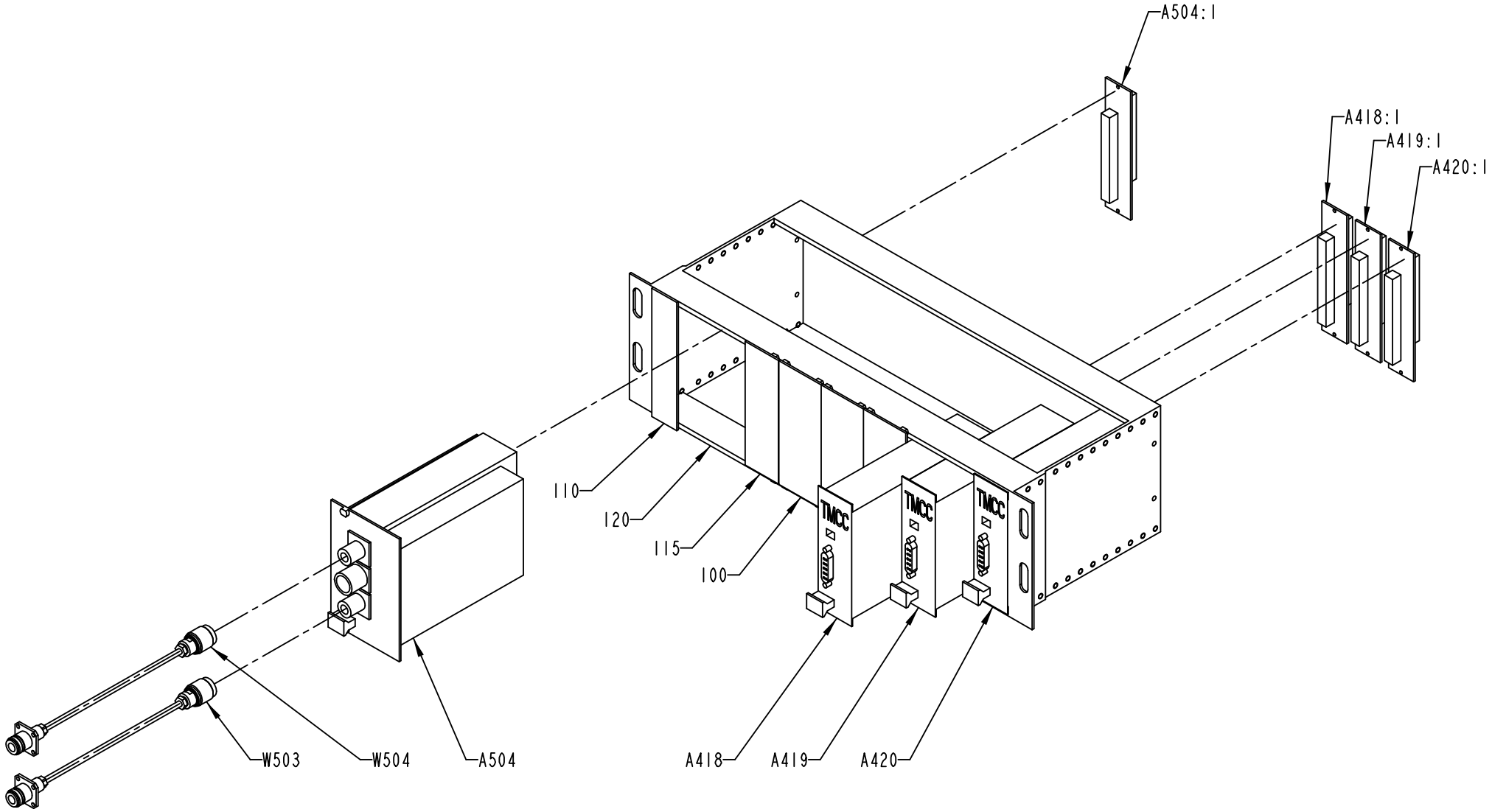
Machine Type | Group Description | Used-In | Group Number | Page No

COMPONENT DOOR



Pos	Part No	SP	UN	Qty	Description	Page No
Common Parts (Cont'd)						
580	90181-0045	-	MM	790	CABLE DUCT, 40X60MM	
590	90181-0045	-	MM	450	CABLE DUCT, 40X60MM	
600	90181-0045	-	MM	450	CABLE DUCT, 40X60MM	
610	90181-0045	-	MM	450	CABLE DUCT, 40X60MM	
620	90181-0066	-	MM	790	DIVIDING PLATE SEP60	
690	90181-0064	-		8	LOCK ZP1 FOR CHANNEL T1	
A450	90453-0002	-		1	MODEM MD-12 DC	
A451:1	90456-0001	-		1	INTOUCH OEM 2000 V.5.6B/6.0B HW KEY	
P002	90332-0020	A		1	RECORDER HONEYWELL	
	90332-0328	*-*		*1*	*RECORDER CASSETTE PAPER ROLL FOR 90332-2*	
	90332-0326	*-*		*1*	*DOWNLOADE INTRFACE FOR RECORDER 90332-20*	
	90332-0325	*-*		*1*	*PAPER FOR RECORDER 90332-20*	
	90332-0324	*-*		*1*	*INK WHEEL*	
P100	90053-0031	A		1	HOUR COUNTER, B 609.10 10-50VDC	
P100:1	359241-0201	-		1	SIGN "HOUR GLASS"	
P101	90053-0029	A		1	COUNTER, F524.800FA3C 24VDC	
P101:1	359241-0482	-		1	SIGN "PACKAGE COUNTER"	
S003	90111-0122	A		1	KEY SWITCH, 2 NO CONTACTS	
S003:1	359241-0133	-		1	SIGN, SERVICE SWITCH	
S004	90111-0124	A		1	KEY SWITCH, 1NO,1NC CONTACT	
S004:1	359241-0122	-		1	SIGN, CIP OF STEAM BARRIER SPACE	
W160	90220-0059	-	MM	2500	THERMOCOUPLE CABLE K/ 2X0,81MM2	
W161	90220-0059	-	MM	2500	THERMOCOUPLE CABLE K/ 2X0,81MM2	
W162	90220-0059	-	MM	2500	THERMOCOUPLE CABLE K/ 2X0,81MM2	
W170	90220-0165	-	MM	2500	SCR. CABLE 5X0,34MM2	
W171	90220-0165	-	MM	2500	SCR. CABLE 5X0,34MM2	
W450	1254442-0000	-		1	CABLE SERIAL	
X011	90001-0033	-		1	WALL SOCKET OUTLET	
X451	90110-0028	-		1	CONTACT UNIT 4-POLE	

Pos	Part No	SP	UN	Qty	Description	Page No



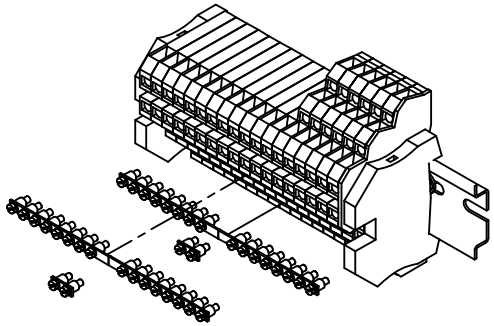
1317249-2
ECM 86859

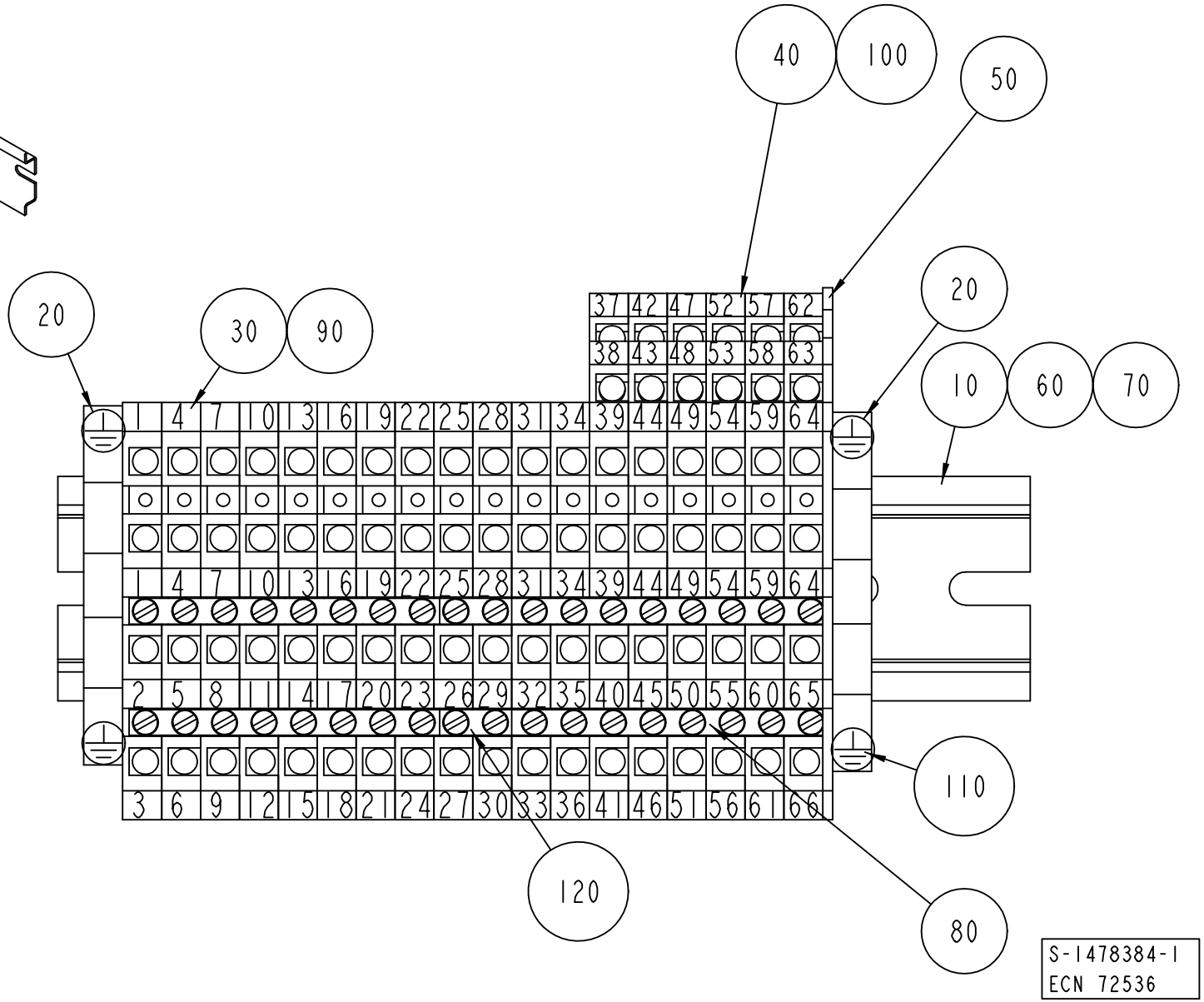
ECM: 101634 - 20020927
Group number: 1317249-0200
Assembly Drawing: 1317249-2_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	68445-0105	-		3	FRONT PLATE 10TE	
010 5	*543921-0005*	-		*1*	*COMPONENTS WITHOUT TP-NO*	
110	68445-0103	-		1	FRONT PLATE 6TE	
010 3	*543921-0003*	-		*1*	*COMPONENTS WITHOUT TP-NO*	
115	68445-0104	-		1	FRONT PLATE 8 TE	
010 4	*543921-0004*	-		*1*	*COMPONENTS WITHOUT TP-NO*	
120	67388-0102	-		1	RACK FRONTMOUNTED 84TE	
020 2	*542038-0002*	-		*1*	*COMPONENTS WITHOUT TP-NO*	
A418	558230-0301	A		1	TMCC CONTROLLER	
100	*558370-0301*	-		*1*	*TMCC, MAIN PCB*	
110	*596751-0000*	-		*1*	*PRINTED CIRCUIT BOARD*	
A418:1	68262-0101	A		1	BACKPLANE FRONT RACK 8TE	
100	*543371-0000*	-		*1*	*CIRCUIT BOARD 8TE*	
110	*551927-0001*	-		*1*	*COMPONENTS WITHOUT TP-NO*	
120	*551928-0000*	-		*1*	*TERMINAL LABELS 8TE*	
A419	558230-0301	A		1	TMCC CONTROLLER	
100	*558370-0301*	-		*1*	*TMCC, MAIN PCB*	
110	*596751-0000*	-		*1*	*PRINTED CIRCUIT BOARD*	
A419:1	68262-0101	A		1	BACKPLANE FRONT RACK 8TE	
100	*543371-0000*	-		*1*	*CIRCUIT BOARD 8TE*	
110	*551927-0001*	-		*1*	*COMPONENTS WITHOUT TP-NO*	
120	*551928-0000*	-		*1*	*TERMINAL LABELS 8TE*	
A420	558230-0301	A		1	TMCC CONTROLLER	
100	*558370-0301*	-		*1*	*TMCC, MAIN PCB*	
110	*596751-0000*	-		*1*	*PRINTED CIRCUIT BOARD*	
A420:1	68262-0101	A		1	BACKPLANE FRONT RACK 8TE	
100	*543371-0000*	-		*1*	*CIRCUIT BOARD 8TE*	
110	*551927-0001*	-		*1*	*COMPONENTS WITHOUT TP-NO*	
120	*551928-0000*	-		*1*	*TERMINAL LABELS 8TE*	
A504	558321-0101	A		1	TPIH-SWITCH	
A504:1	68262-0101	A		1	BACKPLANE FRONT RACK 8TE	
100	*543371-0000*	-		*1*	*CIRCUIT BOARD 8TE*	
110	*551927-0001*	-		*1*	*COMPONENTS WITHOUT TP-NO*	
120	*551928-0000*	-		*1*	*TERMINAL LABELS 8TE*	
W503	1140285-0007	A		1	COAXIAL CABLE L= 4000 MM	
W504	1140285-0007	A		1	COAXIAL CABLE L= 4000 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

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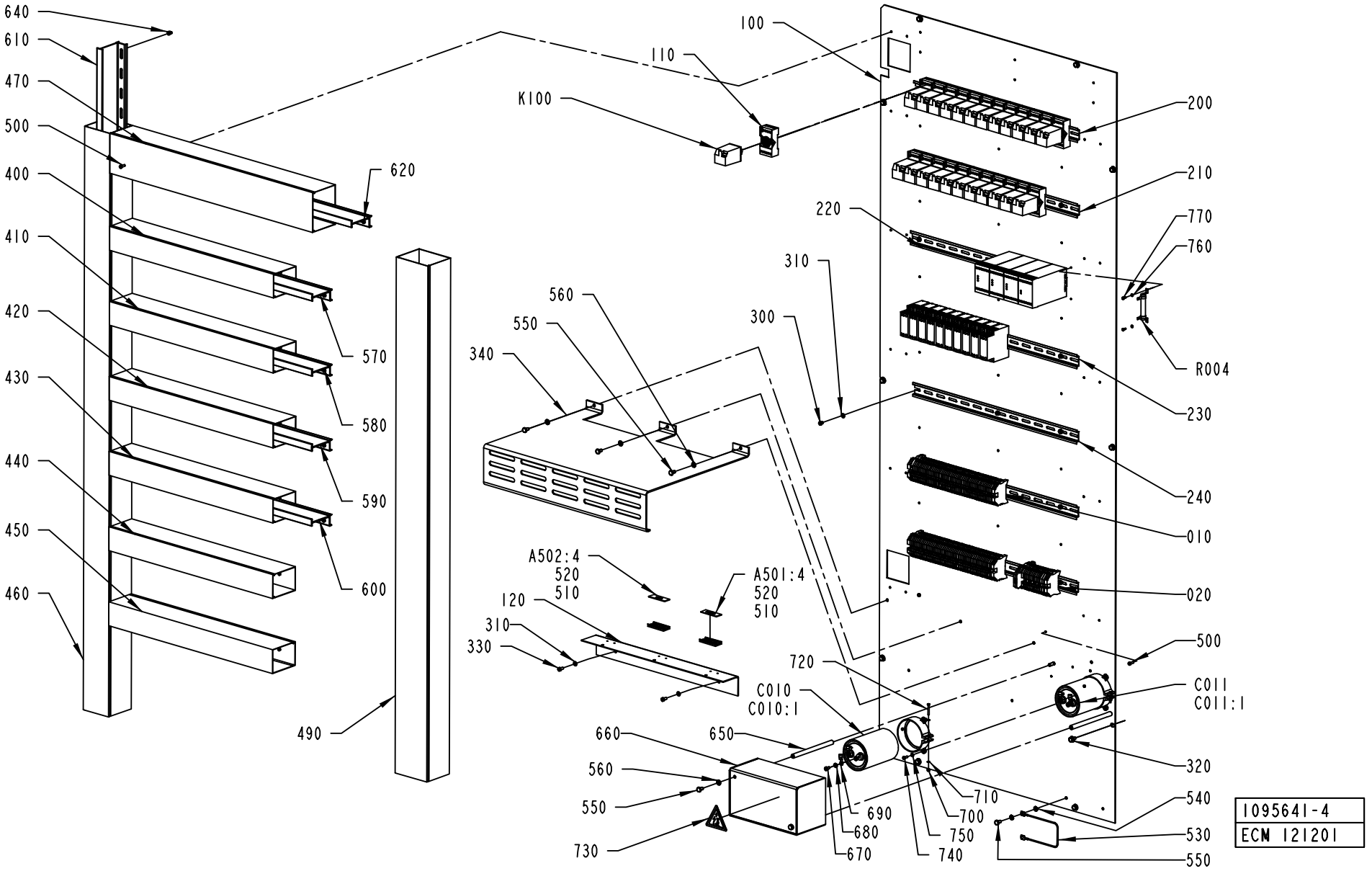
S-1478384-1
ECN 72536

ECM: 72536 - 19990721
Group number: 1478384-0100
Assembly Drawing: 1478384-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	353042-0004	-	MM	150	RAIL TS 35/7,5	
020	353024-0205	-		2	EARTH TERMINAL, 1010.1	
030	353021-0301	-		12	TERMINALS,TRIPLE-LEVEL, DLI 2,5/35 PA	
040	353021-0302	-		6	TERMINALS,TRIPLE-LEVEL, DLD 2,5/35 PA	
050	353032-0302	-		1	END PLATE WAP	
060	90287-0199	-		2	SCREW M6S ISO 4017 M5X6 A480	
070	315103-0146	-		2	BRICKA, BRB, 5,3/10,H=1 NI PL BR	
080	1490738-0000	-		4	BRIDGE CONLECK Q10	
090	359011-0821	-		2	SET OF SIGNS 6-FW 1-50	
100	359011-0822	-		2	SET OF SIGNS 6-FW 51-100	
110	359011-0834	-		1	SET OF SIGNS 6-GW(EARTH)	
120	353034-0401	-		2	BRIDGE CONNECTOR Q2, 13125.0	

Pos	Part No	SP	UN	Qty	Description	Page No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770
760
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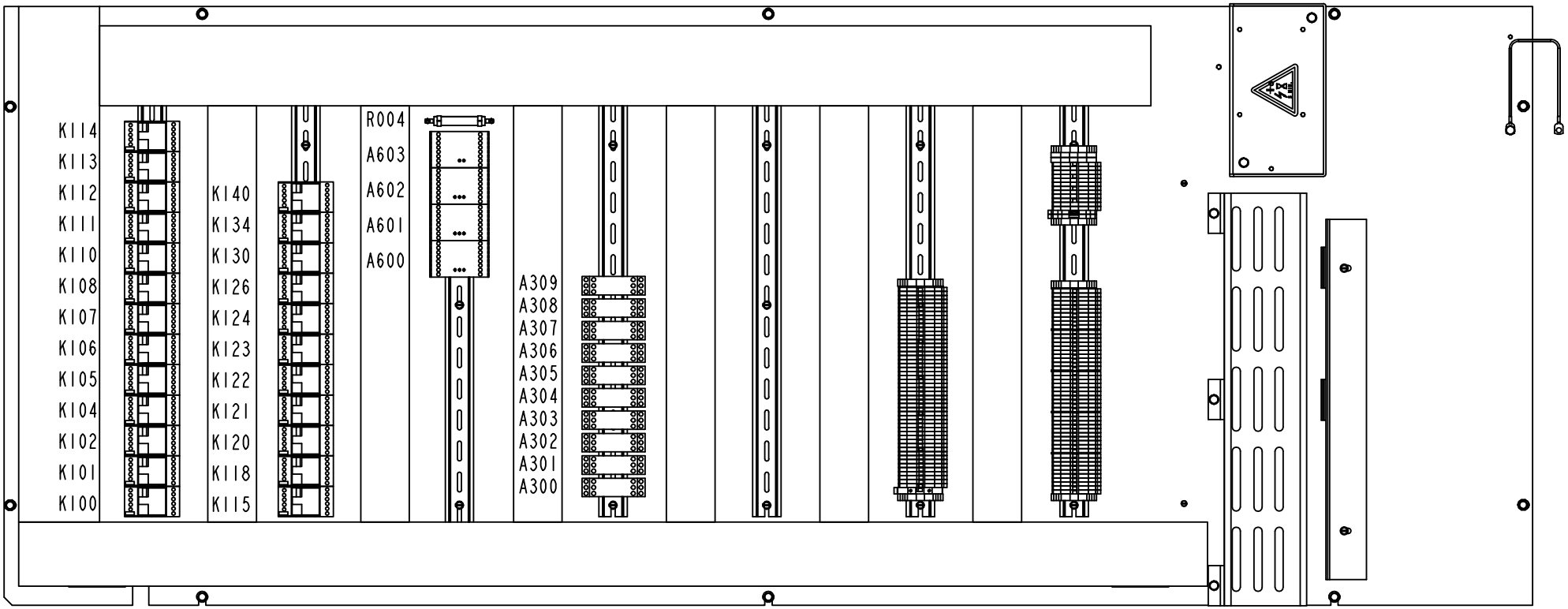
R004
230
240
010
020
560
550
340
A502:4
520
510
A501:4
520
510
120
310
330
500
720
C010
C010:1
C011
C011:1
660
650
560
550
730
320
710
690
700
680
750
670
740
540
530
550
1095641-4
ECM 121201

ECM: 118677 - 20030305
Group number: 1095641-0400
Assembly Drawing: 1095641-4_1_AD

This list covers pages from 1074 to 1077

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095698-0100	-		1	DISTRIBUTION TERMINAL	**1079**
020	1095699-0400	-		1	DISTRIBUTION TERMINAL	**1081**
100	1129106-0000	-		1	ASSEMBLY PLATE	
110	90129-0006	-		24	BASE, S3-B	
120	1129335-0000	-		1	BRACKET	
200	353042-0005	-	MM	520	RAIL TS 35/7.5	
210	353042-0005	-	MM	520	RAIL TS 35/7.5	
220	353042-0005	-	MM	490	RAIL TS 35/7.5	
230	353042-0005	-	MM	520	RAIL TS 35/7.5	
240	353042-0005	-	MM	520	RAIL TS 35/7.5	
300	312121-0321	-		15	SCREW SLOT.PAN HD. MCS 5X6 FZB	
310	315101-0146	-		17	WASHER PLAIN, BRB, 5,3/10 H=1	
320	90287-0157	-		10	SCREW M6SF FLAT HEAD M6X10 88	
330	312121-0325	-		2	SCREW SLOT.PAN HD. MCS 5X10 FZB	
340	1140259-0000	-		1	PROTECTION	
400	90181-0054	-	MM	520	CABLE DUCT, 60X80MM	
410	90181-0054	-	MM	520	CABLE DUCT, 60X80MM	
420	90181-0054	-	MM	520	CABLE DUCT, 60X80MM	
430	90181-0054	-	MM	520	CABLE DUCT, 60X80MM	
440	90181-0054	-	MM	520	CABLE DUCT, 60X80MM	
450	90181-0054	-	MM	520	CABLE DUCT, 60X80MM	
460	90181-0055	-	MM	1470	CABLE DUCT, 80X80MM	
470	90181-0056	-	MM	644	CABLE DUCT, 100X80MM	
490	90181-0056	-	MM	1310	CABLE DUCT, 100X80MM	
500	90287-0124	-		48	SCREW PAN HEAD MSCS M4X12 NYLON	
510	311520-0320	-		4	RIVET, BLANK 2,4X6	
520	359240-0100	-		2	SIGN HOLDER FOR 359240-0001	
530	1038714-0000	-		1	CABLE	
	353104-0168	-		*2*	*CABLE SHO YAV 16 M6**	
	351175-0109	-	*MM*	*275*	*CABLE AWM 1X16 MM2 YELLOW-GREEN*	
540	90062-0022	-		2	LOCKING WASHER D=6,4/11	
550	312101-0364	-		6	SCREW M6S M6X10 FZB	
560	315101-0153	-		5	WASHER PLAIN, BRB, 6,4/12 H=1,5	
570	90181-0067	-	MM	520	DIVIDING PLATE SEP80	
580	90181-0067	-	MM	520	DIVIDING PLATE SEP80	
590	90181-0067	-	MM	520	DIVIDING PLATE SEP80	
600	90181-0067	-	MM	520	DIVIDING PLATE SEP80	
610	90181-0067	-	MM	1570	DIVIDING PLATE SEP80	
620	90181-0067	-	MM	650	DIVIDING PLATE SEP80	
640	90181-0064	-		24	LOCK ZP1 FOR CHANNEL T1	
650	1538887-0000	-		2	SPACER	
660	1538885-0000	-		1	COVER	
670	312125-0323	-		4	SCREW PAN HEAD MCS M5X8 SS	
680	315105-0146	-		4	WASHER BRB5,3X10RFR	
690	353101-0152	-		4	CABLE SHOE 4-6MM2,M5,YE	
700	312812-0310	-		2	HEXAGON NUT, NY-LOCK M3 A480	
710	315105-0124	-		4	WASHER BRB3,2X6RFR	
720	312125-0232	-		2	SCREW PAN HEAD MCS M3X25 SS	
730	90194-0118	-		1	SIGN, RESIDUAL VOLTAGE, WAIT 5 MIN.	
740	312125-0289	-		6	SLOTTED SCREW MCS 4X10 A480	
750	315105-0136	-		6	WASHER BRB4,3XRFR	
760	315101-0124	-		2	WASHER PLAIN, BRB, 3,2/6 H=0,5	
770	312121-0222	-		2	SCREW SLOT.PAN HD. MCS 3X8 FZB	
A300	90458-2580	A		1	LEVEL CONTROL RELAY RM4-LA32M	
A301	90458-2580	A		1	LEVEL CONTROL RELAY RM4-LA32M	
A302	90458-2580	A		1	LEVEL CONTROL RELAY RM4-LA32M	
A303	90458-2580	A		1	LEVEL CONTROL RELAY RM4-LA32M	
A304	90458-2580	A		1	LEVEL CONTROL RELAY RM4-LA32M	
A305	90458-2580	A		1	LEVEL CONTROL RELAY RM4-LA32M	
A306	90458-2580	A		1	LEVEL CONTROL RELAY RM4-LA32M	
A307	90458-2580	A		1	LEVEL CONTROL RELAY RM4-LA32M	
A308	90458-2580	A		1	LEVEL CONTROL RELAY RM4-LA32M	
A309	90458-2580	A		1	LEVEL CONTROL RELAY RM4-LA32M	
A501:4	359241-0131	-		1	SIGN, TEMP. LS HEATER	
A502:4	359241-0135	-		1	SIGN, TRANSVERSAL SEALING	
A600	90119-0072	A		1	SAFETY RELAY, JSBR4	
A601	90119-0072	A		1	SAFETY RELAY, JSBR4	
A602	90119-0089	A		1	SAFETY RELAY, JSBT4 24VDC	
A603	90119-0084	A		1	EXPANSION RELAY, JSR1T-500MS	
C010	90458-0898	A		1	ELECTROLYTIC CAPACITOR, 2200 æF 450 V	
C010:1	90458-0765	-		1	CLIP RS 203-5755	
C011	90458-0898	A		1	ELECTROLYTIC CAPACITOR, 2200 æF 450 V	
C011:1	90458-0765	-		1	CLIP RS 203-5755	
K100	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K101	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K102	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K104	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K105	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K106	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K107	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K108	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K110	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K111	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	

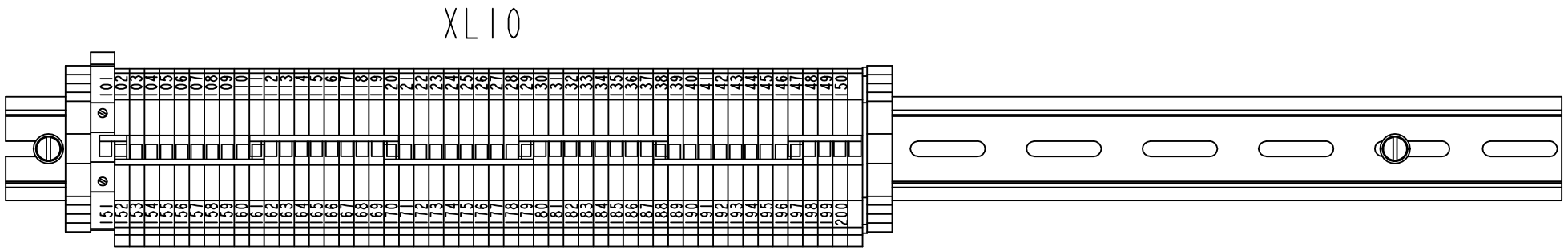
Machine Type | Group Description | Used-In | Group Number | Page No

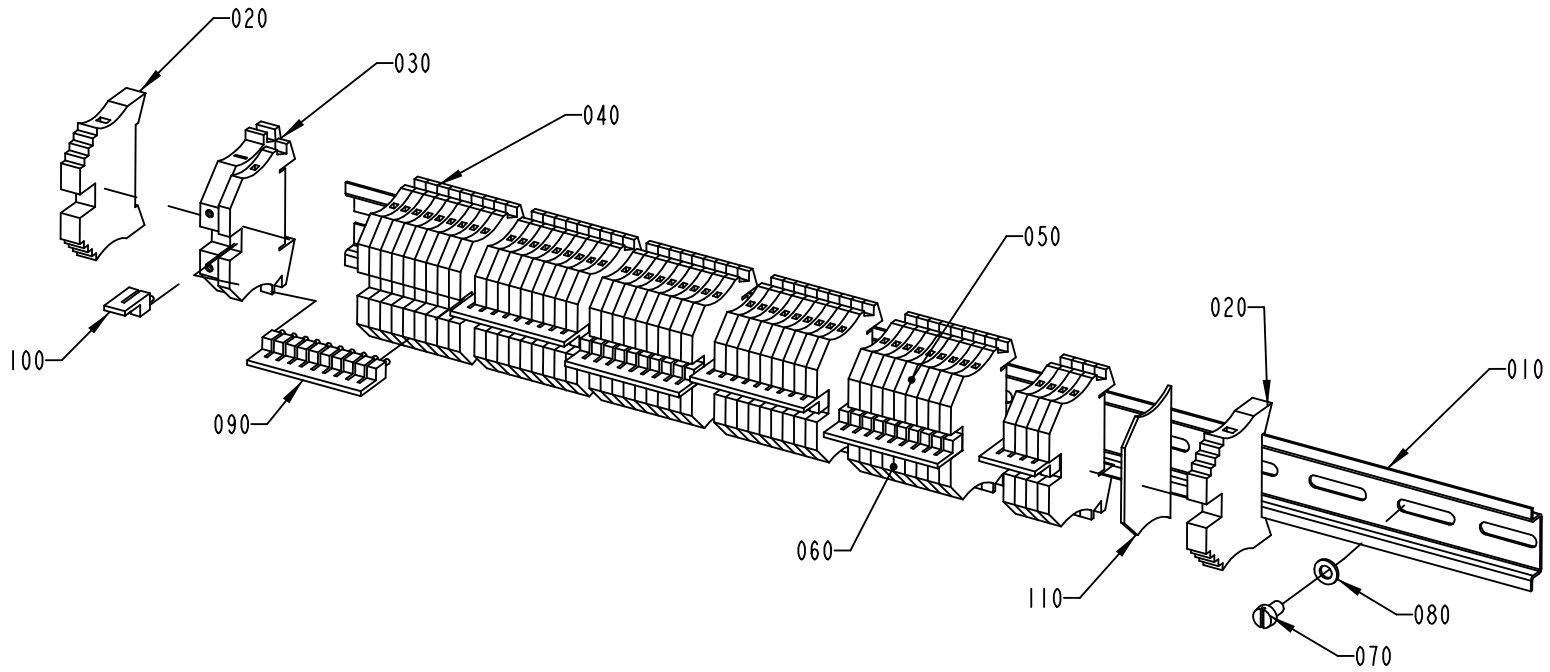


1095641-4
ECM 121201

Pos	Part No	SP	UN	Qty	Description	Page No
- (Cont'd)						
K112	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K113	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K114	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K115	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K118	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K120	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K121	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K122	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K123	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K124	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K126	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K130	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K134	90119-0056	A		1	RELAY, AUXILIARY MK3P5-S 24VDC	
K140	90119-0056	-		1	RELAY, AUXILIARY MK3P5-S 24VDC	
R004	90121-0114	A		1	RESISTANCE FIXED, 0,22 KOHM, 25 W	

Pos	Part No	SP	UN	Qty	Description	Page No



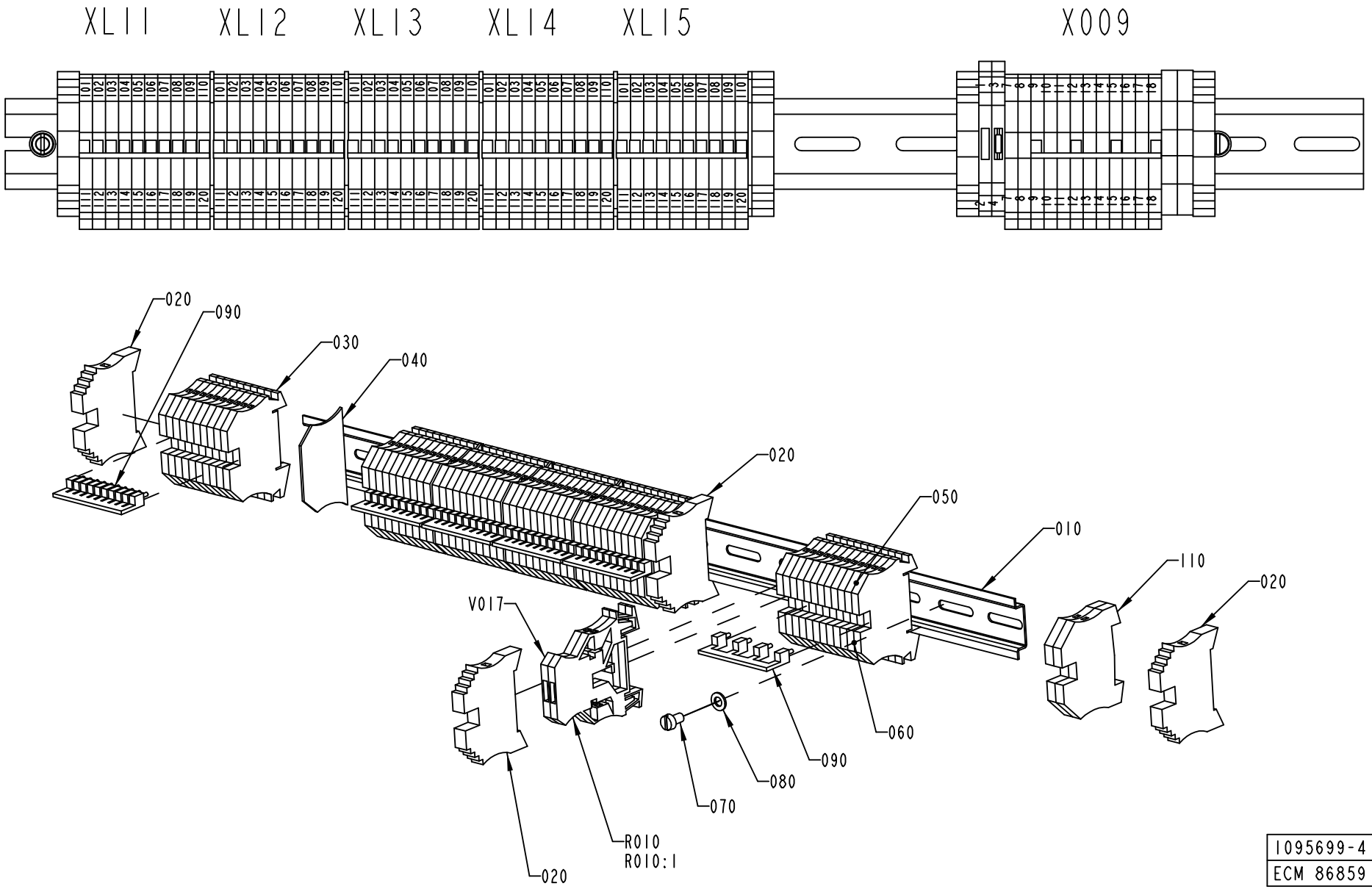


1095698-1
ECM 86859

ECM: 101640 - 20020927
Group number: 1095698-0100
Assembly Drawing: 1095698-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	353042-0005	-	MM	520	RAIL TS 35/7.5	
020	353031-0203	-		2	END SUPPORT, WEW 35/2	
030	353021-0223	-		1	FEED THROUGH TERMINAL, 10202.8	
040	353021-0216	-		50	FEED THROUGH TERMINAL, 10200.8	
050	359011-0809	-		1	MARKING PLATES 5-FW 101-150	
060	359011-0810	-		1	MARKING PLATES 5-FW 151-200	
070	312121-0323	-		3	SCREW SLOT.PAN HD. MCS 5X8 FZB	
080	315101-0146	-		3	WASHER PLAIN, BRB, 5,3/10 H=1	
090	353034-0030	-		6	BRIDGE CONNECTOR WQV 2,5/10, 10544.6	
100	353034-0014	-		1	BRIDGE CONN.Q10(SAK 2,5)	
110	353032-0005	-		1	END PLATE WAP 2,5-10 BLUE	

Pos	Part No	SP	UN	Qty	Description	Page No



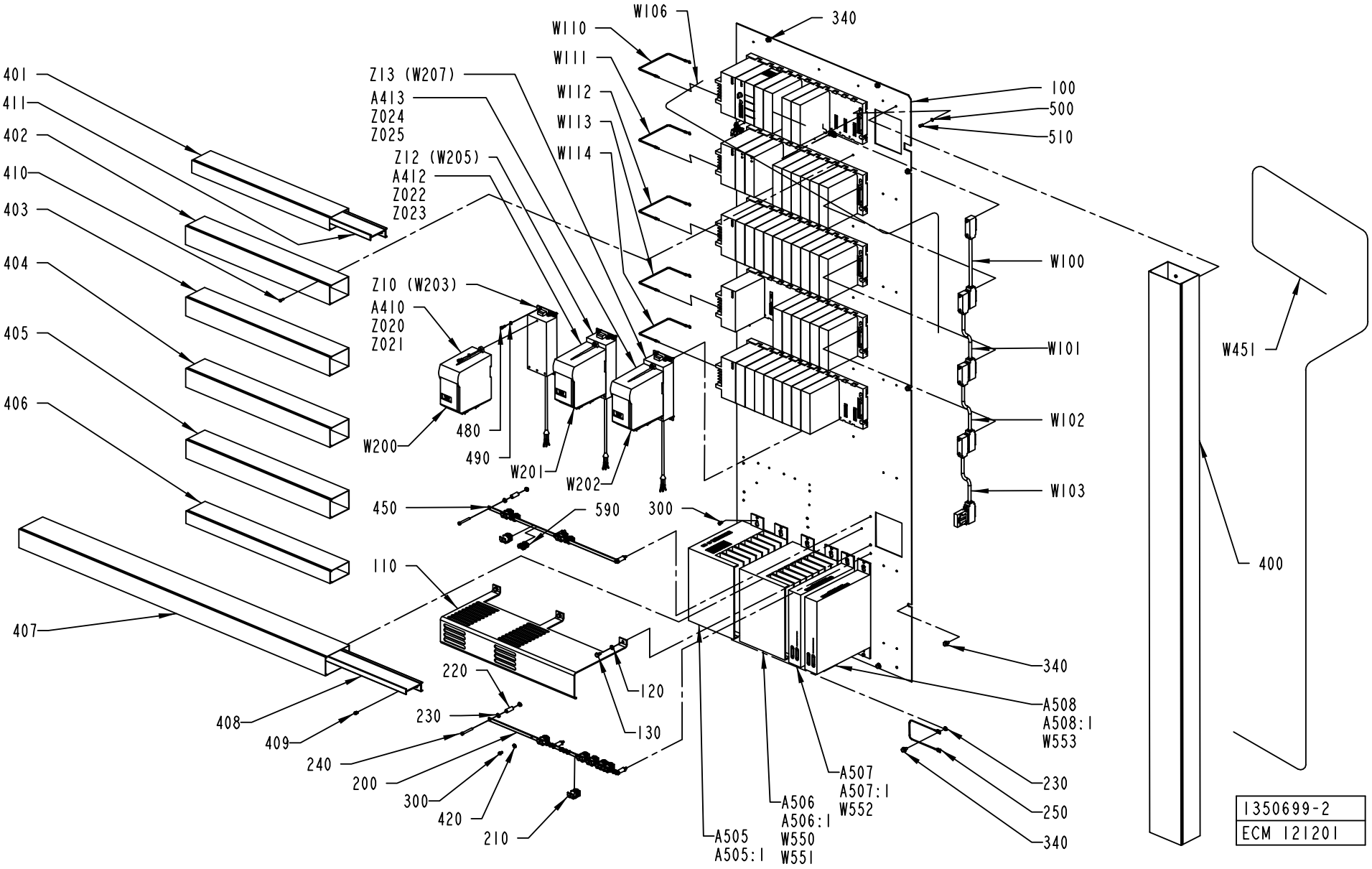
1095699-4
ECM 86859

ECM: 100351 - 20020927
Group number: 1095699-0400
Assembly Drawing: 1095699-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	353042-0005	-	MM	520	RAIL TS 35/7.5	
020	353031-0203	-		4	END SUPPORT, WEW 35/2	
030	353021-0216	-		62	FEED THROUGH TERMINAL, 10200.8	
040	353032-0005	-		5	END PLATE WAP 2,5-10 BLUE	
050	359011-0807	-		2	MARKING PLATES 5-FW 1-50	
060	359011-0809	-		5	MARKING PLATES 5-FW 101-150	
070	312121-0323	-		3	SCREW SLOT.PAN HD. MCS 5X8 FZB	
080	315101-0146	-		3	WASHER PLAIN, BRB, 5,3/10 H=1	
090	353034-0030	-		6	BRIDGE CONNECTOR WQV 2,5/10, 10544.6	
110	353024-0205	-		2	EARTH TERMINAL, 1010.1	
R010	90121-0132	A		1	RESISTANCE FIXED, 0,51 KOHM, 0,25 W	
R010:1	353021-0122	-		1	TERMINAL DISCONNECTBLE, WTR 2,5 D	
V017	353021-0122	A		1	TERMINAL DISCONNECTBLE, WTR 2,5 D	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No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W112
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W114
Z13 (W207)
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Z024
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Z12 (W205)
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Z022
Z023
Z10 (W203)
A410
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Z021
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W100
W101
W102
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A505
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A506
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W550
W551
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W552
A508
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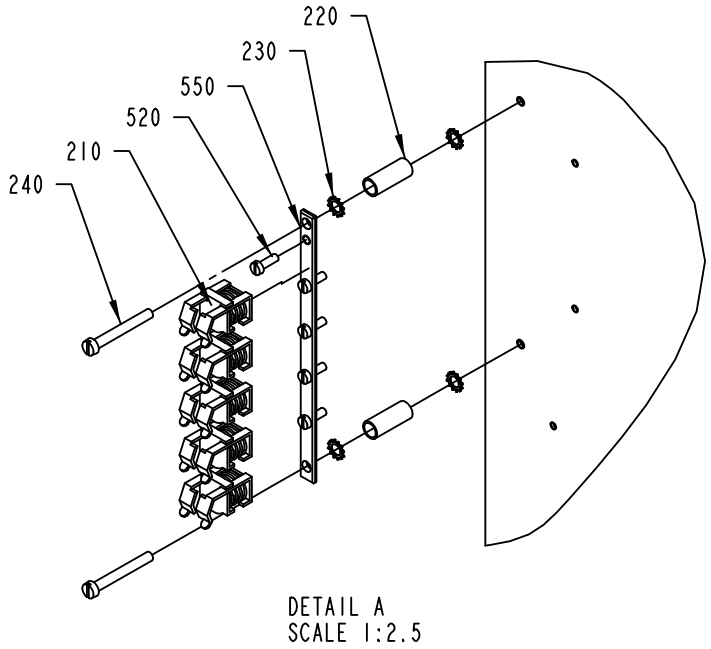
1350699-2
ECM 121201

ECM: 118676 - 20030305
Group number: 1350699-0200
Assembly Drawing: 1350699-2_1_AE

This list covers pages from 1082 to 1087

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	1348845-0000	-		1	MOUNTING PLATE	
110	1348844-0000	-		1	PROTECTION	
120	315101-0153	-		3	WASHER PLAIN, BRB, 6,4/12 H=1,5	
130	312101-0364	-		3	SCREW M6S M6X10 FZB	
200	1348843-0000	-		1	EARTH BAR	
210	90135-0039	-		14	SHIELD CLIP KLBU 4-13.5	
220	1140053-0000	-		8	SPACER	
230	90062-0022	-		17	LOCKING WASHER D=6,4/11	
240	312121-0339	-		8	SCREW SLOT.PAN HD. MCS 5X40 FZB	
250	1038714-0000	-		1	CABLE	
	353104-0168	-		*2*	*CABLE SHO YAV 16 M6**	
	351175-0109	-	*MM*	*275*	*CABLE AWM 1X16 MM2 YELLOW-GREEN*	
300	312121-0323	-		23	SCREW SLOT.PAN HD. MCS 5X8 FZB	
320	312121-0366	-		1	SCREW SLOT.PAN HD. MCS 6X12 FZB	
340	90287-0157	-		10	SCREW M6SF FLAT HEAD M6X10 88	
400	90181-0057	-	MM	1810	CABLE DUCT, 120X80MM	
401	90181-0053	-	MM	525	CABLE DUCT, 40X80MM	
402	90181-0054	-	MM	550	CABLE DUCT, 60X80MM	
403	90181-0054	-	MM	550	CABLE DUCT, 60X80MM	
404	90181-0054	-	MM	550	CABLE DUCT, 60X80MM	
405	90181-0054	-	MM	550	CABLE DUCT, 60X80MM	
406	90181-0053	-	MM	550	CABLE DUCT, 40X80MM	
407	90181-0061	-	MM	1170	CABLE DUCT, 60X100MM	
408	90181-0067	-	MM	1170	DIVIDING PLATE SEP80	
409	90181-0064	-		10	LOCK ZP1 FOR CHANNEL T1	
410	90287-0124	-		35	SCREW PAN HEAD MSCS M4X12 NYLON	
411	90181-0067	-	MM	525	DIVIDING PLATE SEP80	
420	90062-0060	-		11	LOCK WASHER SERRAT.EXT.GEAR,5,3/10 H=0,6	
430	353104-0133	-		2	CABLE SHOEYAV 025 M6	
450	1348841-0000	-		1	EARTH BAR	
480	312115-0291	-		18	SCREW ISO4762 M4X12 A4	
490	315105-0136	-		18	WASHER BRB4,3XRFR	
500	315101-0136	-		20	WASHER BRB, 4,3/8 H=0,8	
510	312121-0289	-		20	SCREW SLOT.PAN HD. MCS 4X10 FZB	
520	312122-0291	-		5	SCREW PAN HEAD MCS M4X12 NL. PL.	
530	315101-0124	-		1	WASHER PLAIN, BRB, 3,2/6 H=0,5	
540	312121-0220	-		1	SCREW SLOT.PAN HD. MCS 3X6 FZB	
550	1490742-0000	-		1	EARTH BAR	
560	312121-0287	-		2	SCREW SLOT.PAN HD. MCS 4X8 FZB	
570	90062-0021	-		3	LOCKING WASHER A 5,3	
590	90135-0034	-		3	SHIELD CLAMP KLBU 3-8	
A102	90031-0058	A		1	PLC, DIGITAL INPUT MODULE	
A103	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A105	90031-0065	A		1	PLC,TEMPERATUR CONTROL,INPUT MODULE 8 PT	
A106	90031-0065	A		1	PLC,TEMPERATUR CONTROL,INPUT MODULE 8 PT	
A110	90031-0063	A		1	PLC,ANALOG COMBO MODULE,IN-4PT/OUT-2PT	
A111	90031-0062	A		1	PLC, ANALOG OUTPUT MODULE 8PT/CURR/VOLT	
A114	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A115	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A116	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A117	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A118	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A119	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A120	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A121	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A122	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A123	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A124	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A125	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A126	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A127	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A128	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A129	90031-0057	A		1	PLC, DIGITAL INPUT MODULE	
A134	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A135	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A136	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A137	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A138	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A139	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A140	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A141	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A142	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A143	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A144	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A145	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A146	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A147	90031-0059	A		1	PLC, DIGITAL OUTPUT MODULE	
A160	90031-0051	A		1	BASEPLATE, 10-SLOT	
A161	90031-0053	A		1	BASEPLATE,10-SLOT	
	90031-0302	-		*1*	*I/O BUS TERMINATION PLUG*	
A162	90031-0053	A		1	BASEPLATE,10-SLOT	
	90031-0302	-		*1*	*I/O BUS TERMINATION PLUG*	
A163	90031-0053	A		1	BASEPLATE,10-SLOT	



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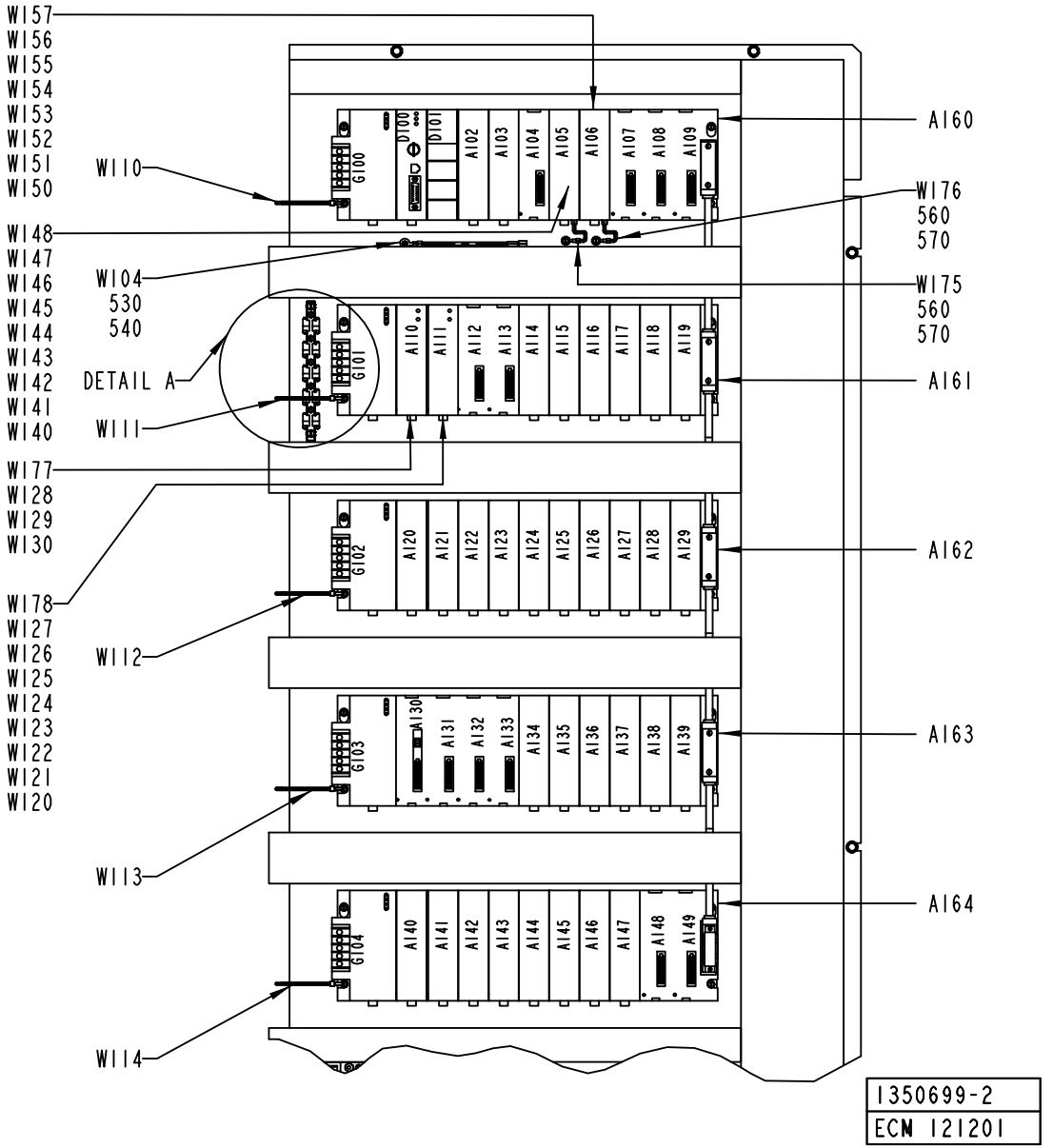


1350699-2
ECN 121201

ECM: 118676 - 20030305
Group number: 1350699-0200
Assembly Drawing: 1350699-2_2_AE

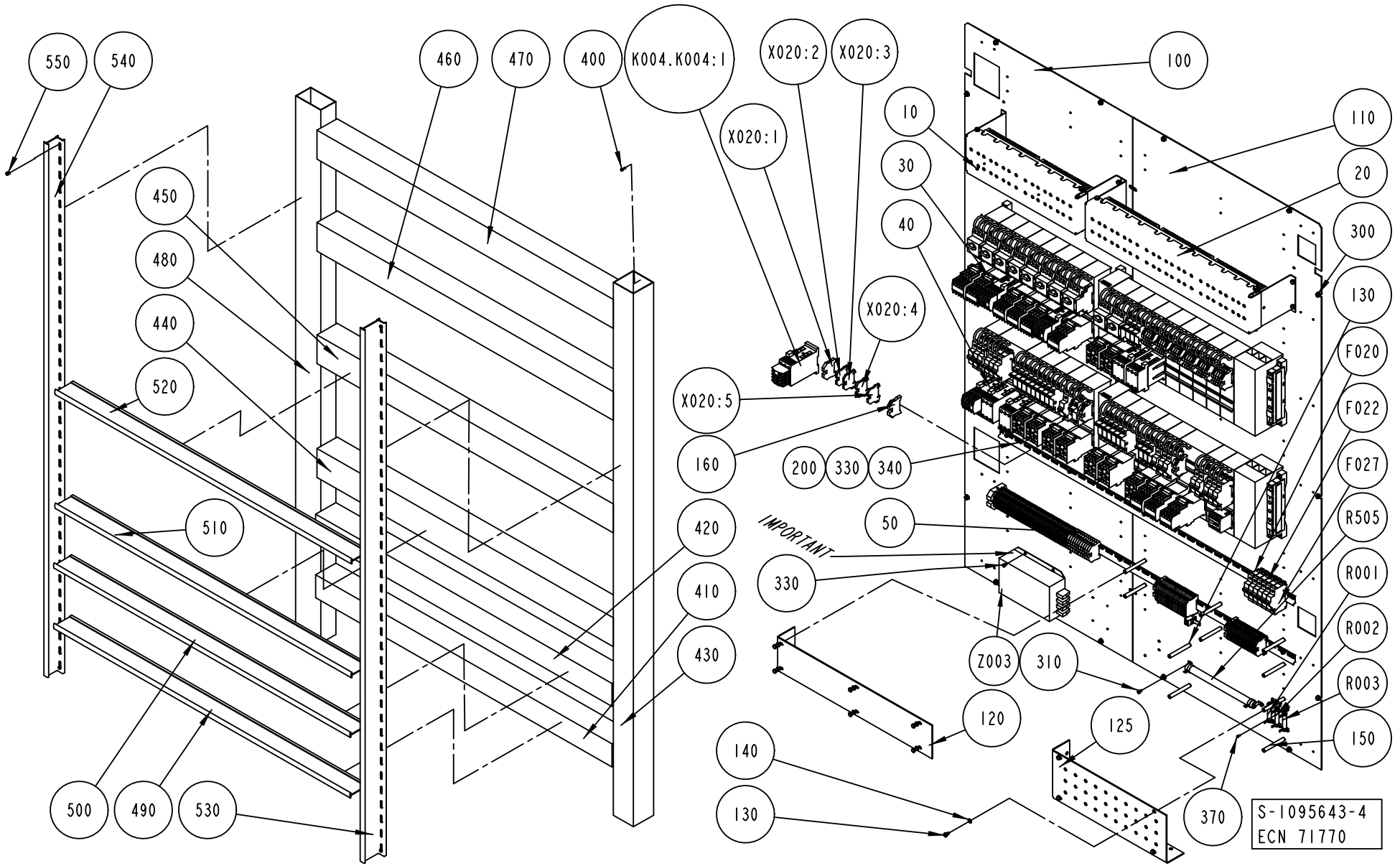
This list covers pages from 1082 to 1087

Pos	Part No	SP	UN	Qty	Description	Page No
- (Cont'd)						
A164	90031-0053	A		1	BASEPLATE,10-SLOT	
	90031-0302	*-*		*1*	*I/O BUS TERMINATION PLUG*	
A410	90430-0070	A		1	FREQ.CONV. 6SE3213-6CA40	
A412	90430-0070	A		1	FREQ.CONV. 6SE3213-6CA40	
A413	90430-0070	A		1	FREQ.CONV. 6SE3213-6CA40	
A505	90045-0397	A		1	POWER SUPPLY 80 A	
A505:1	90458-0033	A		1	CONNECTOR KIT 9-032-010-851	
A506	90458-0398	A		1	SERVO DRIVE DMC2 53080	
A506:1	90458-0032	A		1	CONNECTOR KIT 9-032-010-496	
A507	90458-0396	A		1	SERVO DRIVE DMC2 50720	
A507:1	90458-0031	A		1	CONNECTOR KIT 9032 010 353	
A508	90458-0396	A		1	SERVO DRIVE DMC2 50720	
A508:1	90458-0031	A		1	CONNECTOR KIT 9032 010 353	
D100	90031-0075	A		1	CPU363, SERIAL COMMUNICATION	
D101	90031-0031	A		1	ENHANCED GENIUS COMMUNICATION MODULE	
G100	90031-0068	A		1	PLC, POWER SUPPLY	
	352551-0134	*A*		*1*	*FINE-WIRE FUSE 2 A SLOW;5X20MM*	
	90031-0301	*A*		*1*	*SPARE BATTERY CPU,PCM,2PCS*	
G101	90031-0068	A		1	PLC, POWER SUPPLY	
	352551-0134	*A*		*1*	*FINE-WIRE FUSE 2 A SLOW;5X20MM*	
	90031-0301	*A*		*1*	*SPARE BATTERY CPU,PCM,2PCS*	
G102	90031-0068	A		1	PLC, POWER SUPPLY	
	352551-0134	*A*		*1*	*FINE-WIRE FUSE 2 A SLOW;5X20MM*	
	90031-0301	*A*		*1*	*SPARE BATTERY CPU,PCM,2PCS*	
G103	90031-0068	A		1	PLC, POWER SUPPLY	
	352551-0134	*A*		*1*	*FINE-WIRE FUSE 2 A SLOW;5X20MM*	
	90031-0301	*A*		*1*	*SPARE BATTERY CPU,PCM,2PCS*	
G104	90031-0068	A		1	PLC, POWER SUPPLY	
	352551-0134	*A*		*1*	*FINE-WIRE FUSE 2 A SLOW;5X20MM*	
	90031-0301	*A*		*1*	*SPARE BATTERY CPU,PCM,2PCS*	
W100	90031-0305	A		1	I/O EXPANSION CABLE	
W101	90031-0305	A		1	I/O EXPANSION CABLE	
W102	90031-0305	A		1	I/O EXPANSION CABLE	
W103	90031-0305	A		1	I/O EXPANSION CABLE	
W104	1143884-0000	-		1	COPPER BRAID	
W106	90220-0183	-	MM	3000	SCR. CABLE 2X0,34MM2	
W110	1512322-0000	-		1	COPPER BRAID	
W111	1512322-0000	-		1	COPPER BRAID	
W112	1512322-0000	-		1	COPPER BRAID	
W113	1512322-0000	-		1	COPPER BRAID	
W114	1512322-0000	-		1	COPPER BRAID	
W120	90220-0183	-	MM	2500	SCR. CABLE 2X0,34MM2	
W121	90220-0183	-	MM	2500	SCR. CABLE 2X0,34MM2	
W122	90220-0183	-	MM	2500	SCR. CABLE 2X0,34MM2	
W123	90220-0183	-	MM	2500	SCR. CABLE 2X0,34MM2	
W124	90220-0183	-	MM	2500	SCR. CABLE 2X0,34MM2	
W125	90220-0183	-	MM	2500	SCR. CABLE 2X0,34MM2	
W126	90220-0183	-	MM	2500	SCR. CABLE 2X0,34MM2	
W127	90220-0183	-	MM	2500	SCR. CABLE 2X0,34MM2	
W128	90220-0183	-	MM	2500	SCR. CABLE 2X0,34MM2	
W129	90220-0183	-	MM	2500	SCR. CABLE 2X0,34MM2	
W130	90220-0183	-	MM	3000	SCR. CABLE 2X0,34MM2	
W140	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W141	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W142	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W143	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W144	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W145	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W146	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W147	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W148	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W150	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W151	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W152	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W153	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W154	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W155	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W156	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W157	90220-0034	-	MM	1000	THERMOCOUPLE CABLE K/ 2X0,5MM2	
W175	1512322-0000	-		1000	COPPER BRAID	
W176	1512322-0000	-		1000	COPPER BRAID	
W177	351179-0106	-	MM	50	CABLE AWM 1X4 MM2 BLACK	
W178	351179-0106	-	MM	50	CABLE AWM 1X4 MM2 BLACK	
W200	90220-0104	-	MM	2000	SCR. CABLE 4X1,5MM2	
W201	90220-0104	-	MM	2000	SCR. CABLE 4X1,5MM2	
W202	90220-0104	-	MM	2000	SCR. CABLE 4X1,5MM2	
W451	1317252-0000	A		1	CABLE SERIAL	
W550	1254094-0000	-		1	CABLE	
W551	90220-0125	-	MM	2000	MOTOR CABLE 4X4,0+2X1,0+2X0,75+SHIELD	
W552	1254095-0000	A		1	CABLE	
W553	1254095-0000	-		1	CABLE	
Z010	90430-0326	-		1	FILTER 6SE3290-0BA87-0FB2	
Z012	90430-0326	-		1	FILTER 6SE3290-0BA87-0FB2	

See previous drawings pages: 1082, 1084.

Pos	Part No	SP	UN	Qty	Description	Page No
- (Cont'd)						
Z012	90430-0326	-		1	FILTER 6SE3290-0BA87-0FB2	
Z013	90430-0326	-		1	FILTER 6SE3290-0BA87-0FB2	
Z020	90024-0047	-		1	EMI SUPPRESSION FERRITE	
Z021	90024-0047	-		1	EMI SUPPRESSION FERRITE	
Z022	90024-0047	-		1	EMI SUPPRESSION FERRITE	
Z023	90024-0047	-		1	EMI SUPPRESSION FERRITE	
Z024	90024-0047	-		1	EMI SUPPRESSION FERRITE	
Z025	90024-0047	-		1	EMI SUPPRESSION FERRITE	

Pos	Part No	SP	UN	Qty	Description	Page No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R505
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R001
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R002
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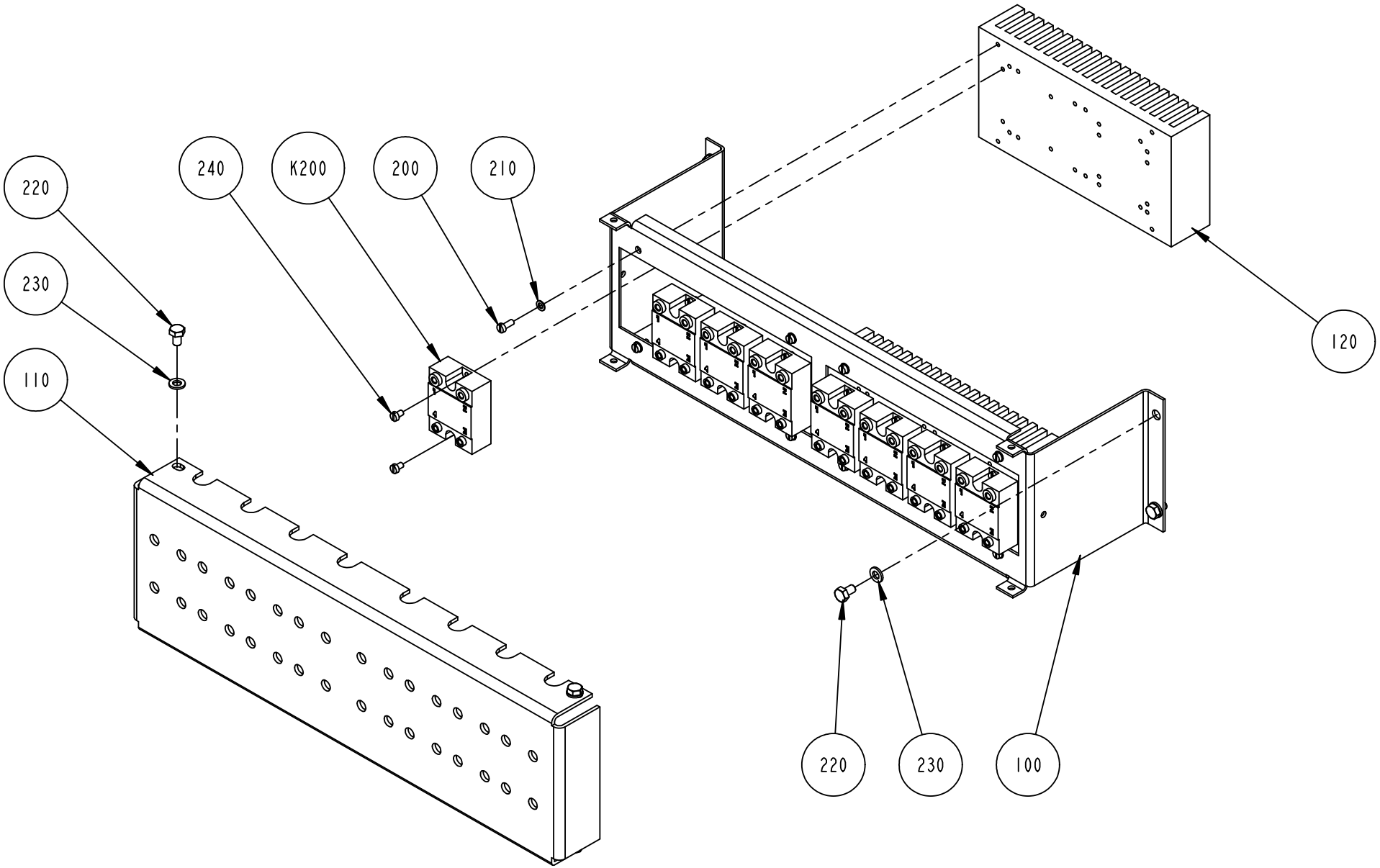
510
S-1095643-4
ECN 71770

ECM: 101632 - 20020927
Group number: 1095643-0400
Assembly Drawing: 1095643-4_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095644-0200	-		1	RELAY UNIT 1	**1091**
020	1095648-0200	-		1	RELAY UNIT 2	**1093**
030	1095777-0300	-		1	FUSE BOARD 1	**1095**
040	1095780-0400	-		1	FUSE BOARD 2	**1097**
050	1095776-0100	-		1	PLINTH	**1099**
100	1254089-0000	-		1	ASSEMBLY PLATE	
110	1254093-0000	-		1	ASSEMBLY PLATE	
120	1129341-0000	-		1	PROTECTION	
125	1254091-0000	-		1	PROTECTION	
130	312101-0364	-		20	SCREW M6S M6X10 FZB	
140	315101-0153	-		6	WASHER PLAIN, BRB, 6,4/12 H=1,5	
150	1038275-0012	-		10	SPACER	
160	353031-0203	-		1	END SUPPORT, WEW 35/2	
200	353042-0005	-	MM	1170	RAIL TS 35/7.5	
300	90287-0157	-		28	SCREW M6SF FLAT HEAD M6X10 88	
310	312111-0370	-		10	SCREW HEX.SOCK.HD.MC6S-TT 6X20 88 FZB	
320	312111-0329	-		12	SCREW HEX.SOCK.HD.MC6S-TT 5X16 88 FZB	
330	312121-0323	-		13	SCREW SLOT.PAN HD. MCS 5X8 FZB	
340	315101-0146	-		7	WASHER PLAIN, BRB, 5,3/10 H=1	
370	312121-0222	-		6	SCREW SLOT.PAN HD. MCS 3X8 FZB	
400	90287-0124	-		100	SCREW PAN HEAD MSCS M4X12 NYLON	
410	90181-0055	-	MM	1175	CABLE DUCT, 80X80MM	
420	90181-0055	-	MM	1175	CABLE DUCT, 80X80MM	
430	90181-0055	-	MM	2040	CABLE DUCT, 80X80MM	
440	90181-0056	-	MM	1175	CABLE DUCT, 100X80MM	
450	90181-0056	-	MM	1175	CABLE DUCT, 100X80MM	
460	90181-0056	-	MM	1175	CABLE DUCT, 100X80MM	
470	90181-0056	-	MM	1175	CABLE DUCT, 100X80MM	
480	90181-0048	-	MM	1840	CABLE DUCT, 100X60MM	
490	90181-0067	-	MM	1175	DIVIDING PLATE SEP80	
500	90181-0067	-	MM	1175	DIVIDING PLATE SEP80	
510	90181-0067	-	MM	1175	DIVIDING PLATE SEP80	
520	90181-0067	-	MM	1175	DIVIDING PLATE SEP80	
530	90181-0067	-	MM	1850	DIVIDING PLATE SEP80	
540	90181-0066	-	MM	1850	DIVIDING PLATE SEP60	
550	90181-0064	-		29	LOCK ZP1 FOR CHANNEL T1	
F020	90007-0138	A		1	CIRCUIT BREAKER, 2P 10 A K	
F022	90007-0147	A		1	CIRCUIT BREAKER, 3P 10 A K	
F027	90007-0131	A		1	CIRCUIT BREAKER, 1P 16 A K	
K004	90075-0128	A		1	CONTACTOR, 7,5KW 24VDC	
K004:1	90075-0313	A		1	AUXILIARY CONTACT K&M 22 DILM.2NO;2NC	
R001	90121-0114	A		1	RESISTANCE FIXED, 0,22 KOHM, 25 W	
R002	90121-0114	A		1	RESISTANCE FIXED, 0,22 KOHM, 25 W	
R003	90121-0114	A		1	RESISTANCE FIXED, 0,22 KOHM, 25 W	
R505	90121-0115	A		1	RESISTANCE FIXED, 0,047 KOHM, 200 W	
X020:1	353024-0206	-		1	EARTH TERMINAL, 1010.2	
X020:2	353021-0216	-		1	FEED THROUGH TERMINAL, 10200.8	
X020:3	353021-0216	-		1	FEED THROUGH TERMINAL, 10200.8	
X020:4	353021-0216	-		1	FEED THROUGH TERMINAL, 10200.8	
X020:5	353021-0216	-		1	FEED THROUGH TERMINAL, 10200.8	
Z003	90024-0039	A		1	INPUT FILTER, 50 A	

Machine Type | Group Description | Used-In | Group Number | Page No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K200
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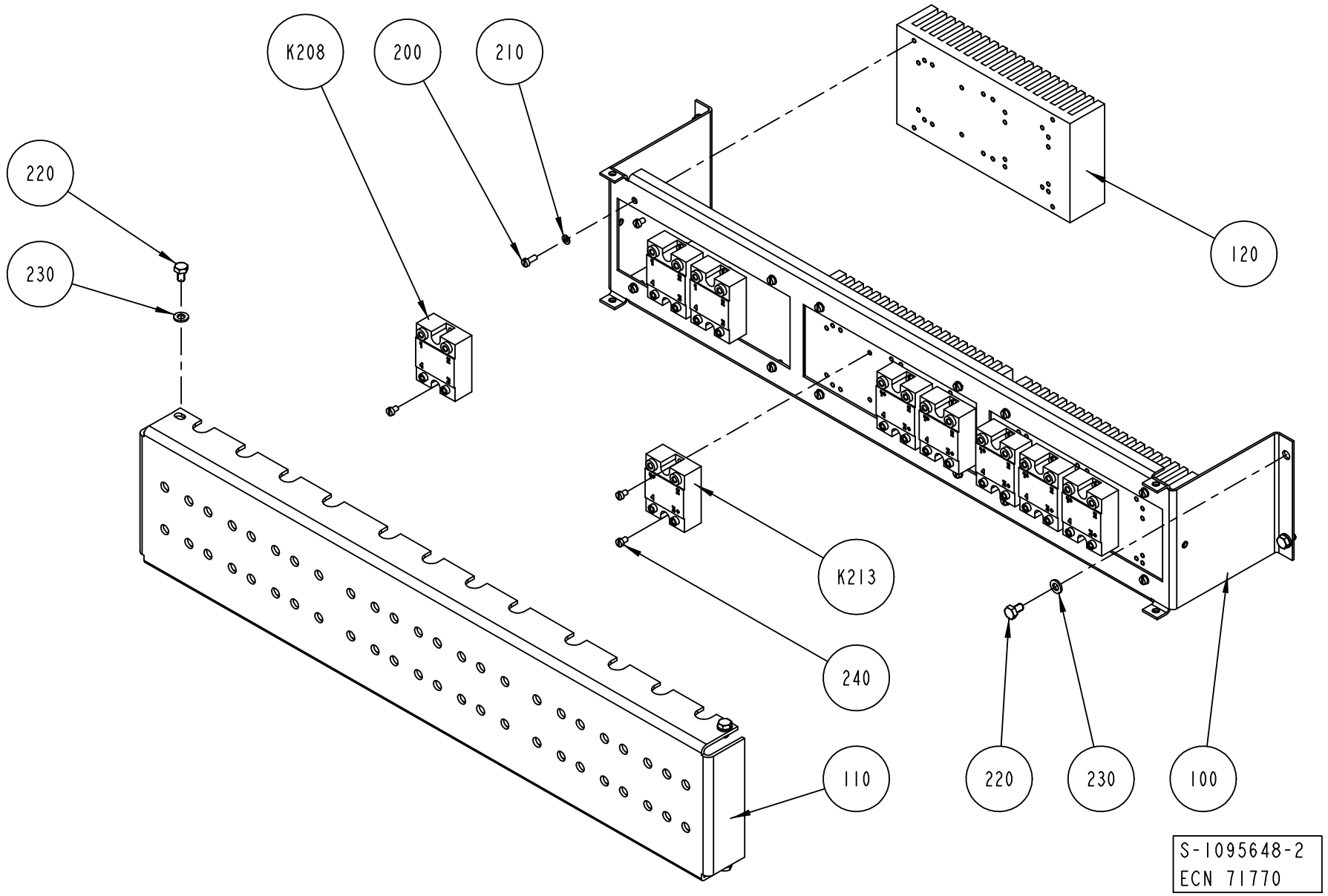
220
230
100

ECM: 101633 - 20020927
Group number: 1095644-0200
Assembly Drawing: 1095644-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	1347673-0000	-		1	BRACKET	
110	1129342-0000	-		1	PROTECTION	
120	495495-0000	-		2	COOLING ELEMENT SSR	
200	312121-0289	-		8	SCREW SLOT.PAN HD. MCS 4X10 FZB	
210	315101-0136	-		8	WASHER BRB, 4,3/8 H=0,8	
220	312101-0364	-		4	SCREW M6S M6X10 FZB	
230	315101-0153	-		4	WASHER PLAIN, BRB, 6,4/12 H=1,5	
240	312121-0285	-		16	SCREW SLOT.PAN HD. MCS 4X6 FZB	
K200	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	
K201	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	
K202	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	
K203	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	
K204	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	
K205	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	
K206	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	
K207	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	

Pos	Part No	SP	UN	Qty	Description	Page No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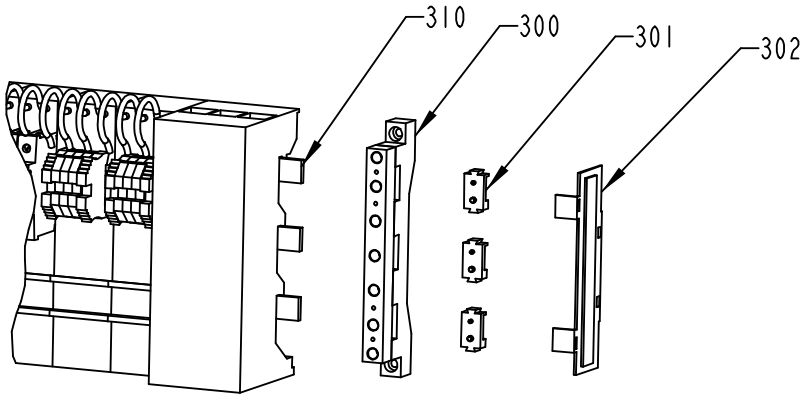
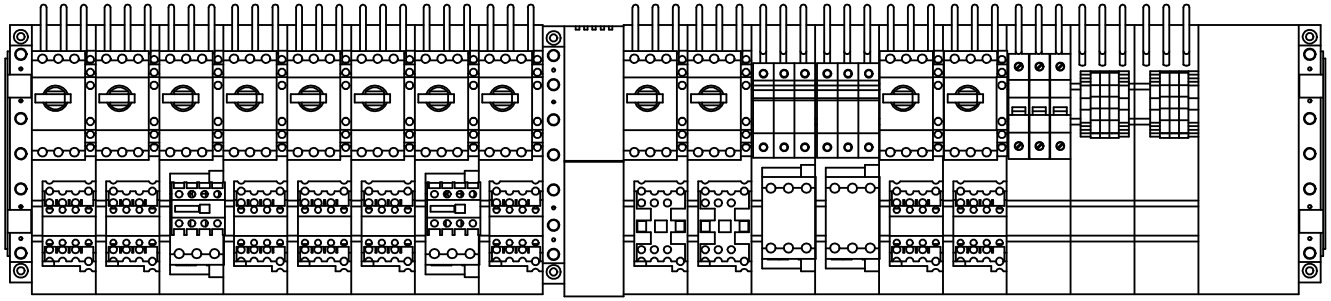
S-1095648-2
ECN 71770

ECM: 101636 - 20020927
Group number: 1095648-0200
Assembly Drawing: 1095648-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	1129338-0000	-		1	BRACKET	
110	1129343-0000	-		1	PROTECTION	
120	495495-0000	-		3	COOLING ELEMENT SSR	
200	312121-0289	-		12	SCREW SLOT.PAN HD. MCS 4X10 FZB	
210	315101-0136	-		12	WASHER BRB, 4,3/8 H=0,8	
220	312101-0364	-		4	SCREW M6S M6X10 FZB	
230	315101-0153	-		4	WASHER PLAIN, BRB, 6,4/12 H=1,5	
240	312121-0285	-		18	SCREW SLOT.PAN HD. MCS 4X6 FZB	
K208	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	
K209	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	
K210	90119-0067	A		1	SOLID-STATE RELAY, H12WD4850	
K213	90119-0043	A		1	OPTO-RELAY, 22DC 60S-3/32VDC	
K214	90119-0043	A		1	OPTO-RELAY, 22DC 60S-3/32VDC	
K215	90119-0043	A		1	OPTO-RELAY, 22DC 60S-3/32VDC	
K216	90119-0043	A		1	OPTO-RELAY, 22DC 60S-3/32VDC	
K217	90119-0043	A		1	OPTO-RELAY, 22DC 60S-3/32VDC	
K218	90119-0043	A		1	OPTO-RELAY, 22DC 60S-3/32VDC	

Pos	Part No	SP	UN	Qty	Description	Page No





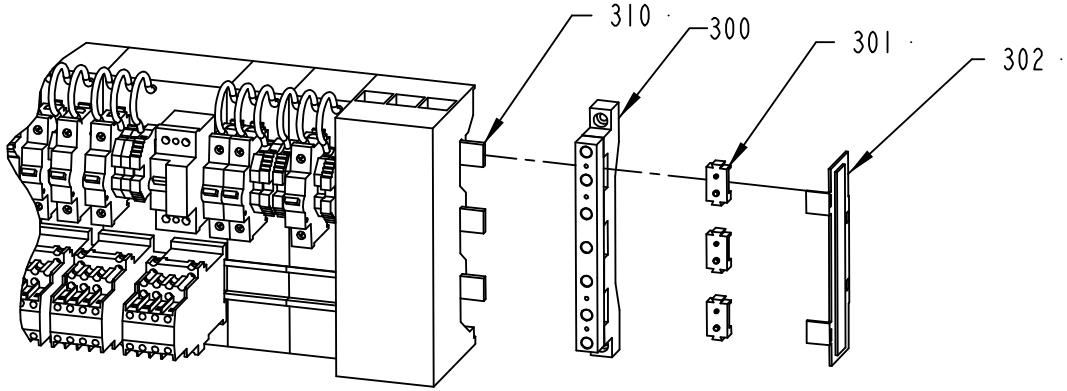
300 301 302	340 Q001 Q001:1	340 Q002 Q002:1	340 Q003 Q003:1	340 Q009 Q009:1	340 Q010 Q010:1	340 Q011 Q011:1	340 Q020 Q020:1	340 Q021 Q021:1	300 301	330	340 Q022 Q022:1	340 Q023 Q023:1	340 F012 F012 F012	340 F011 F011 F011	340 Q014 Q014:1	340 Q015 Q015:1	340 F028	340 100 110 110 110 100	340 100 110 110 110 100	320	300 301 302
	K001	K002	K003 K003:1	K009	K010	K011	K020 K020:1	K021			K022	K023	K012	K013	K014	K015					

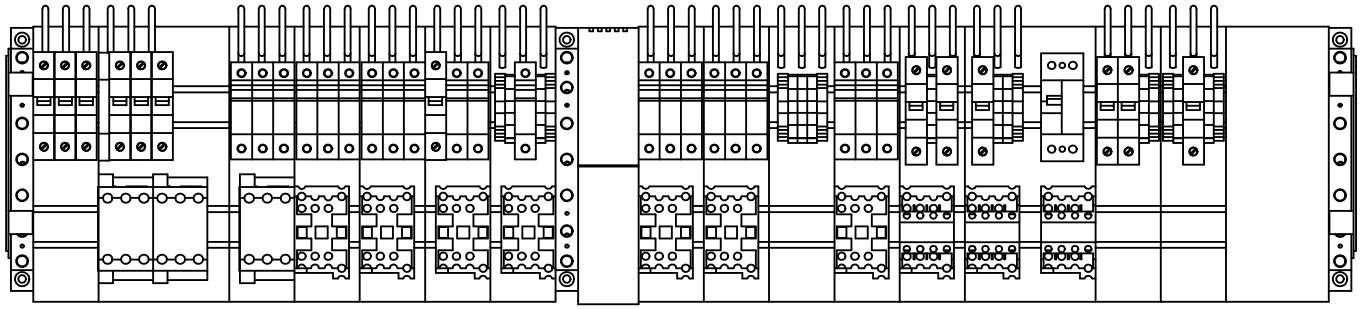
1095777-3
ECM 86859

ECM: 100310 - 20020927
Group number: 1095777-0300
Assembly Drawing: 1095777-3_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	353031-0203	-		4	END SUPPORT, WEW 35/2	
110	353021-0214	-		6	FEED THROUGH TERMINAL, 10202.0	
300	353042-0010	-		3	BUSBAR HÅLLARE	
301	353042-0012	-		9	ADJUSTMENTPLATTA	
302	353042-0019	-		2	SIDE GUARD	
310	1129925-0000	-		3	BUSBAR	
320	353042-0016	-		1	CONNECTIONSADAPTER	
330	353042-0013	-		1	PROTECTIVE CASING	
340	353042-0014	-		17	BUSBAR ADA ADAPTER	
350	90233-0303	-		6	FUSE HOLDER, ST10	
F011	90233-0028	-		3	TUBE FUSE, 10A	
F012	90233-0028	-		3	TUBE FUSE, 10A	
F028	90007-0146	-		1	CIRCUIT BREAKER, 3P 6 A K	
K001	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	
K002	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	
K003	90075-0128	A		1	CONTACTOR, 7,5KW 24VDC	
K003:1	90075-0313	A		1	AUXILIARY CONTACT K&M 22 DILM.2NO;2NC	
K009	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	
K010	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	
K011	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	
K012	90075-0128	A		1	CONTACTOR, 7,5KW 24VDC	
K013	90075-0128	A		1	CONTACTOR, 7,5KW 24VDC	
K014	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	
K015	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	
K020	90075-0128	A		1	CONTACTOR, 7,5KW 24VDC	
K020:1	90075-0313	A		1	AUXILIARY CONTACT K&M 22 DILM.2NO;2NC	
K021	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	
K022	90075-0127	A		1	CONTACTOR, 4KW 24VDC	
K023	90075-0127	A		1	CONTACTOR, 4KW 24VDC	
Q001	90095-0072	A		1	OVERLOAD PROTECTION, PKZM 1,0 A	
Q001:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q002	90095-0073	A		1	OVERLOAD PROTECTION, PKZM 1,6 A	
Q002:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q003	90095-0078	A		1	OVERLOAD PROTECTION, PKZM0-16	
Q003:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q009	90095-0072	A		1	OVERLOAD PROTECTION, PKZM 1,0 A	
Q009:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q010	90095-0073	A		1	OVERLOAD PROTECTION, PKZM 1,6 A	
Q010:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q011	90095-0074	A		1	OVERLOAD PROTECTION, PKZM 2,5 A	
Q011:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q014	90095-0072	A		1	OVERLOAD PROTECTION, PKZM 1,0 A	
Q014:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q015	90095-0073	A		1	OVERLOAD PROTECTION, PKZM 1,6 A	
Q015:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q020	90095-0077	A		1	OVERLOAD PROTECTION, PKZM 6-10 A	
Q020:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q021	90095-0075	A		1	OVERLOAD PROTECTION, PKZM 4 A	
Q021:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q022	90095-0074	A		1	OVERLOAD PROTECTION, PKZM 2,5 A	
Q022:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	
Q023	90095-0074	A		1	OVERLOAD PROTECTION, PKZM 2,5 A	
Q023:1	90259-0313	A		1	AUX. CONTACT K&M NHI21-PKZM0	

Machine Type | Group Description | Used-In | Group Number | Page No





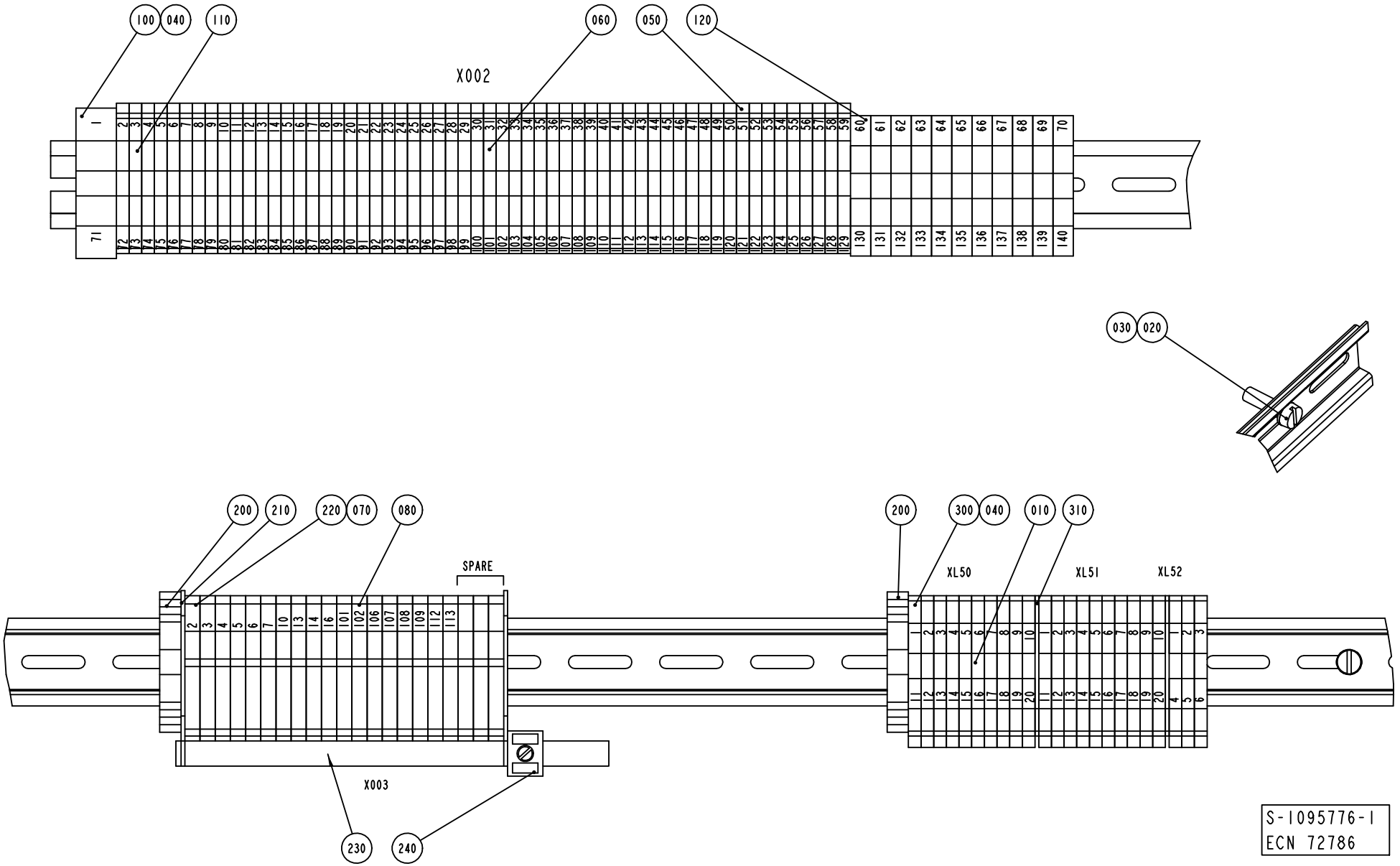
300 301 302	340 F026	350 F019 F019:1 K024 K025	340 200 F103 200 F103 200 F103 K028	340 200 F104 200 F104 200 F104 K026	340 200 F105 200 F105 200 F105 K027	340 F016 200 F101 200 F102 K033	340 100 110 200 F112 110 100 K031	300 301	330	340 200 F106 200 F106 200 F106 K029	340 200 F107 200 F107 200 F107 K030	340 100 110 110 110 100	340 200 F108 200 F108 200 F108 K032	340 F004 110 F003 K007	350 F007 F029 110 110 100 K008 K036	340 F010 F005 110 100	340 100 110 F002 110 100	320	300 301 302

1095780-4
ECM 86859

ECM: 117370 - 20030305
Group number: 1095780-0400
Assembly Drawing: 1095780-4_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	353031-0203	-		8	END SUPPORT, WEW 35/2	
110	353021-0214	-		11	FEED THROUGH TERMINAL, 10202.0	
200	90233-0303	-		21	FUSE HOLDER, ST10	
300	353042-0010	-		3	BUSBAR HÅLLARE	
301	353042-0012	-		9	ADJUSTMENTPLATTA	
302	353042-0019	-		2	SIDE GUARD	
310	1129925-0000	-		3	BUSBAR	
320	353042-0016	-		1	CONNECTIONSADAPTER	
330	353042-0013	-		1	PROTECTIVE CASING	
340	353042-0014	-		13	BUSBAR ADA ADAPTER	
350	353042-0015	-		2	BUSBAR ADAPTER	
F002	90007-0128	-		1	CIRCUIT BREAKER, 1P 6 A K	
F003	90007-0129	-		1	CIRCUIT BREAKER, 1P 10 A K	
F004	90007-0129	-		1	CIRCUIT BREAKER, 1P 10 A K	
F005	90007-0129	-		1	CIRCUIT BREAKER, 1P 10 A K	
F007	90007-0129	-		1	CIRCUIT BREAKER, 1P 10 A K	
F010	90007-0129	-		1	CIRCUIT BREAKER, 1P 10 A K	
F016	90007-0128	-		1	CIRCUIT BREAKER, 1P 6 A K	
F019	90007-0150	A		1	CIRCUIT BREAKER, 3P 25 A K	
F019:1	90007-0312	A		1	AUXILIARY CONTACT	
F026	90007-0148	-		1	CIRCUIT BREAKER, 3P 16 A K	
F029	90111-0172	A		1	EARTH FAULT BREAKER, F 362-25/0.03	
F101	90233-0027	A		1	TUBE FUSE, 16A	
	90233-0305	*C*		*1*	*INDICATOR*	
F102	90233-0027	A		1	TUBE FUSE, 16A	
	90233-0305	*C*		*1*	*INDICATOR*	
F103	90233-0029	A		3	TUBE FUSE, 25A	
F104	90233-0028	A		3	TUBE FUSE, 10A	
F105	90233-0028	A		3	TUBE FUSE, 10A	
F106	90233-0028	A		3	TUBE FUSE, 10A	
F107	90233-0028	A		3	TUBE FUSE, 10A	
F108	90233-0028	A		3	TUBE FUSE, 10A	
F112	90233-0028	-		1	TUBE FUSE, 10A	
K007	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	
K008	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	
K024	90075-0128	A		1	CONTACTOR, 7,5KW 24VDC	
K025	90075-0128	A		1	CONTACTOR, 7,5KW 24VDC	
K026	90075-0127	A		1	CONTACTOR, 4KW 24VDC	
K027	90075-0127	A		1	CONTACTOR, 4KW 24VDC	
K028	90075-0128	A		1	CONTACTOR, 7,5KW 24VDC	
K029	90075-0127	A		1	CONTACTOR, 4KW 24VDC	
K030	90075-0127	A		1	CONTACTOR, 4KW 24VDC	
K031	90075-0127	A		1	CONTACTOR, 4KW 24VDC	
K032	90075-0127	A		1	CONTACTOR, 4KW 24VDC	
K033	90075-0127	A		1	CONTACTOR, 4KW 24VDC	
K036	90075-0124	A		1	CONTACTOR, 4KW 24VDC	
	90075-0313	*A*		*1*	*AUXILIARY CONTACT K&M 22 DILM.2NO;2NC*	

Machine Type Group Description Used-In Group Number Page No


100
040
110
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050
120
X002
030
020
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210
220
070
080
SPARE
X003
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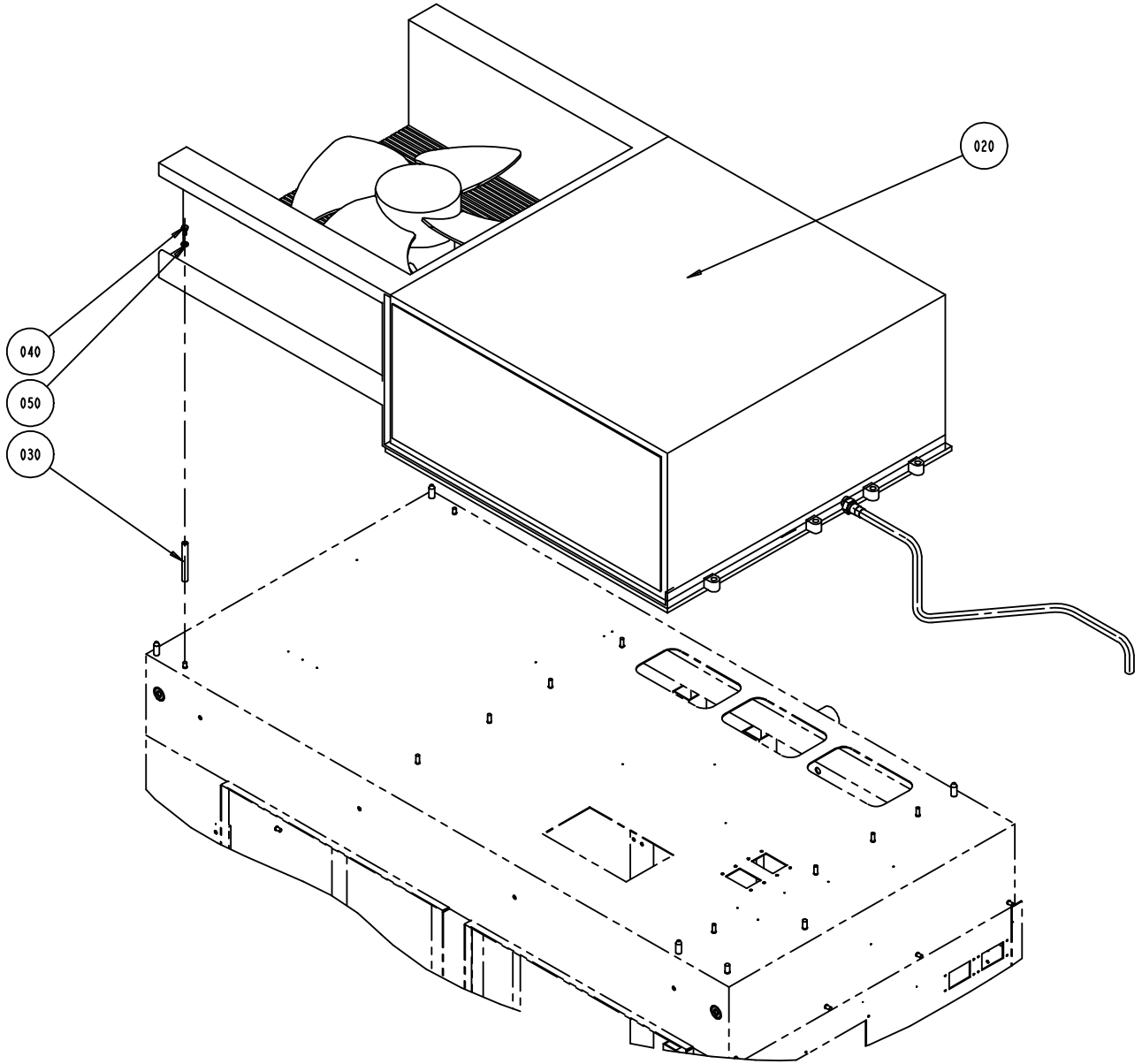
010
310
XL50
XL51
XL52
S-1095776-1
ECN 72786

ECM: 72786 - 19991125
Group number: 1095776-0100
Assembly Drawing: 1095776-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	353042-0005	-	MM	1170	RAIL TS 35/7.5	
020	312121-0323	-		5	SCREW SLOT.PAN HD. MCS 5X8 FZB	
030	315101-0146	-		5	WASHER PLAIN, BRB, 5,3/10 H=1	
040	359011-0807	-		4	MARKING PLATES 5-FW 1-50	
050	359011-0808	-		1	MARKING PLATES 5-FW 51-100	
060	359011-0809	-		1	MARKING PLATES 5-FW 101-150	
070	359011-0821	-		1	SET OF SIGNS 6-FW 1-50	
080	359011-0823	-		1	SET OF SIGNS 6-FW 101-150	
100	353024-0209	-		1	EARTH TERMINAL, 1010.5	
110	353024-0204	-		58	EARTH TERMINAL WPE 2,5	
120	353024-0206	-		11	EARTH TERMINAL, 1010.2	
200	353031-0203	-		4	END SUPPORT, WEW 35/2	
210	353033-0104	-		2	END PLATE, 10502.8	
220	353022-0002	-		22	NEUTRAL TERMINAL, 10107.8	
230	353041-0001	-	MM	171	RAIL 10X3MM SSCH	
240	353041-0106	-		1	HOLDER ZB35 K 5026.8	
300	353021-0212	-		23	FEED THROUGH TERMINAL, 10200.0	
310	353032-0004	-		2	END PLATE WAP 2,5-10 BEIGE	
320	353034-0013	-		3	BRIDGE CONNECTOR QL2(SAK 35)	

Pos	Part No	SP	UN	Qty	Description	Page No


020
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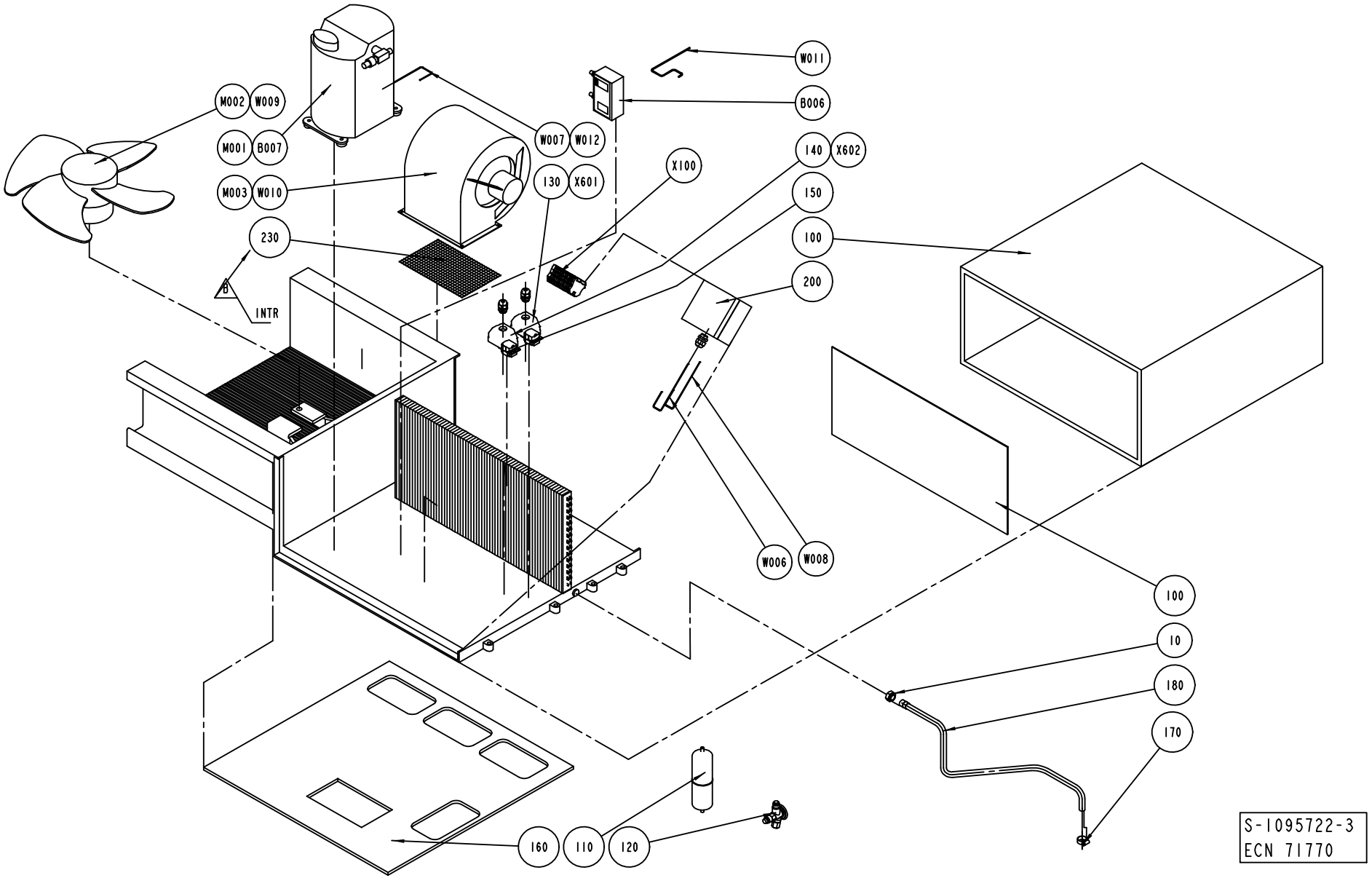
ECM: 71770 - 19990604
Group number: 1095954-0200
Assembly Drawing: 1095954-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
020	1095722-0300	-		1	COOLER	**1103**
030	1038275-0021	-		8	SPACER	
040	312105-0366	-		8	SCREW M6S M6X12 A280	
050	315105-0153	-		8	WASHER BRB6,4X12RFR	

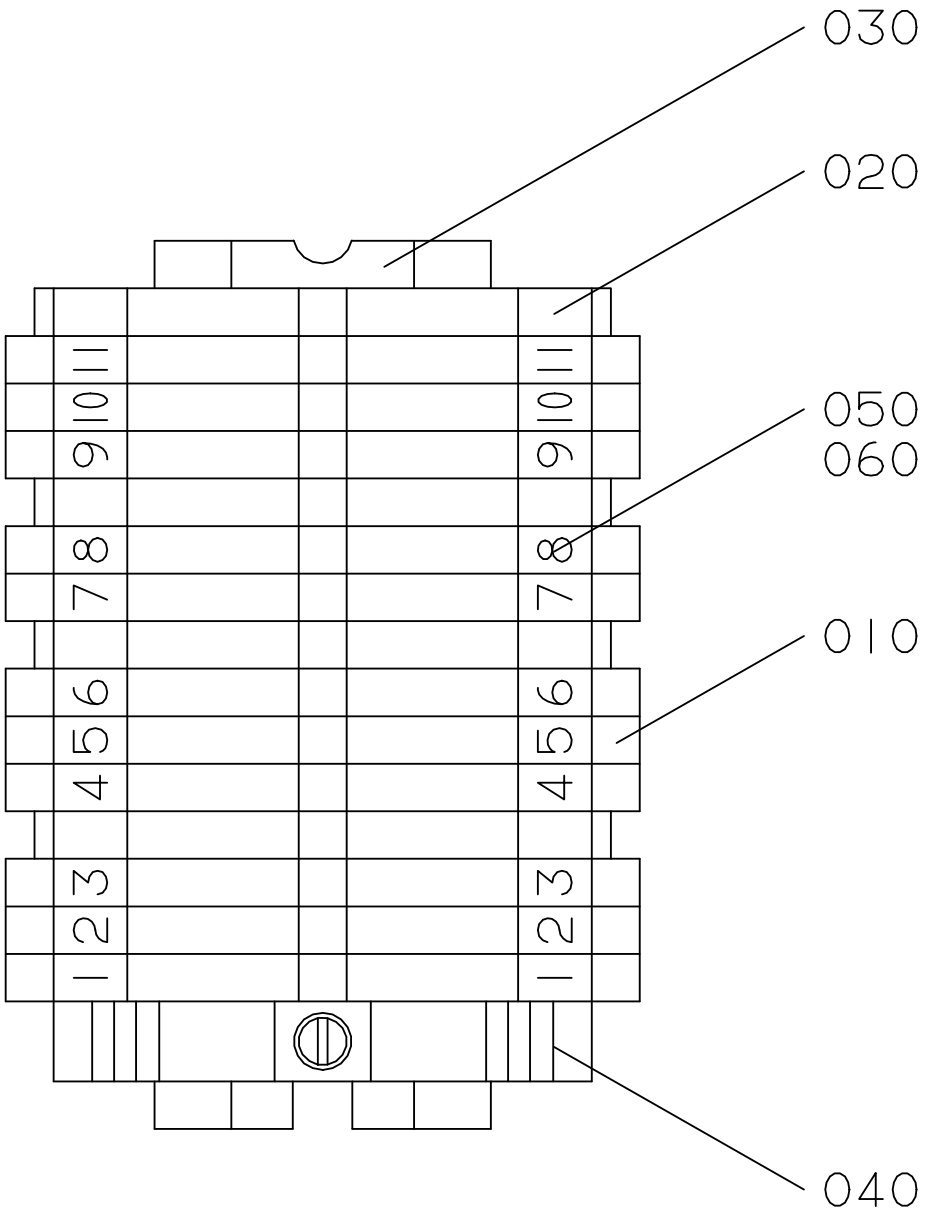
Pos	Part No	SP	UN	Qty	Description	Page No


M002
W009
M001
B007
M003
W010
230
B
INTR
W007
W012
130
X601
X100
W011
B006
140
X602
150
100
200
W006
W008
100
10
180
170
160
110
120
S-1095722-3
ECN 71770

ECM: 101635 - 20020927
Group number: 1095722-0300
Assembly Drawing: 1095722-3_1_AD

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	90422-0038	-		1	COOLER	
110	90415-0062	A		1	FILTER DRYING / ART NO CN 023U4055	
120	90187-0162	A		1	EXPANSION VALVE FOR COOLING SYS.	
130	90110-0157	-		2	CABLE HOOD 6-POL 70.352.0628.1	
140	352103-0108	-		2	CABLE GLAND, ST 13,5 , PR20,4/PG13,5	
150	352103-0106	-		7	CABLE GLAND, ST 11, PR18,6/PG11	
160	1254272-0000	-		1	GASKET	
170	342991-0103	-		1	HOSE CLIP,WORM DRIVE TYPE (19)-23	
180	1254448-0000	-		1	PIPE	
190	90099-0190	-		1	NUT AJ3085-15-R15, G1/2"	
200	90265-0051	-		1	ACCESSORY BOX 1 1212 08	
210	1140514-0000	-		4	LIFTING CYLINDER	
220	312105-0493	-		2	SCREW M6S ISO 4017 M10X25 A480	
230	1254469-0000	-		1	GRILL	
B006	90274-0108	A		1	DUAL PRESSURE GUARD, -20 - 2800 KPA	
M001	90270-0016	A		1	COMPRESSOR TAJ 4511 Y	
M002	90264-0059	A		1	FAN / K 48614/MO 1166 220V	
M003	90264-0058	A		1	FAN / DD 185/176 4 POL	
W006	351150-0413	-	MM	500	CABLE OLFLEX 4X1,5 MM2 LIGHT/GREY	
W007	351150-0413	-	MM	500	CABLE OLFLEX 4X1,5 MM2 LIGHT/GREY	
W008	351150-0415	-	MM	500	CABLE OLFLEX 7X1,5 MM2 LIGHT/GREY	
W010	351150-0403	-	MM	500	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W011	351150-0403	-	MM	500	CABLE OLFLEX 3X0,75 MM2 LIGHT/GREY	
W012	351150-0122	-	MM	500	CABLE " REPL.BY 351150-431"	
X100	1185023-0100	-		1	PLINTH	**1105**
X601	90110-0159	-		1	MALE INSERT 70.310.0640.0	
X602	90110-0159	-		1	MALE INSERT 70.310.0640.0	

Pos	Part No	SP	UN	Qty	Description	Page No


030
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ECM: 71770 - 19990604
Group number: 1185023-0100
Assembly Drawing: 1185023-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	353021-0212	-		11	FEED THROUGH TERMINAL, 10200.0	
020	353024-0204	-		4	EARTH TERMINAL WPE 2,5	
030	353042-0005	-	MM	100	RAIL TS 35/7.5	
040	353031-0203	-		1	END SUPPORT, WEW 35/2	
050	359011-0807	-		2	MARKING PLATES 5-FW 1-50	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC
Spare Parts Catalogue

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ECM: 116598 - 20021025
Group number: 648509-0600
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
ASUSEPROOM						
050	1558933-0000	-		1	FRAME	
070	90458-2138	-		2	SCREW M6S M12X120 A280	
100	312605-0322	-		4	HEXAGON NUT, M6M M12 A280	
110	315105-0178	-		4	WASHER BRB13X24RFR	
NOPT						
050	1558933-0000	-		1	FRAME	
070	90458-2138	-		2	SCREW M6S M12X120 A280	
100	312605-0322	-		4	HEXAGON NUT, M6M M12 A280	
110	315105-0178	-		4	WASHER BRB13X24RFR	
PT21						
030	2542580-0100	-		1	START-UP KIT PT21	**1111**
050	1558933-0000	-		2	FRAME	
070	90458-2138	-		4	SCREW M6S M12X120 A280	
100	312605-0322	-		8	HEXAGON NUT, M6M M12 A280	
110	315105-0178	-		8	WASHER BRB13X24RFR	
Common Parts						
010	1255596-0300	-		1	START-UP KIT	**1119**
020	531345-0200	-		1	PERSONAL PROTECT. EQ H2O2	**1137**
040	2569879-0100	-		1	ACCESSORIES	**1139**

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

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ECM: 123859 - 20030624
Group number: 2542580-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
HOLE48						
030	2511642-0000	-		1	SEALING PLATE	
040	2511651-0000	-		1	SEALING PLATE	
050	2511643-0000	-		1	SEALING PLATE	
060	2517072-0000	-		1	SEALING PLATE	
HOLE55						
030	2525324-0000	-		1	SEALING PLATE	
040	2525328-0000	-		1	SEALING PLATE	
060	2525300-0000	-		1	SEALING PLATE	
HOLE60						
030	2526548-0000	-		1	SEALING PLATE	
040	2526531-0000	-		1	SEALING PLATE	
060	2526529-0000	-		1	SEALING PLATE	
HOLE65, HOLE85						
030	2525323-0000	-		1	SEALING PLATE	
040	2504613-0000	-		1	SEALING PLATE	
060	2504606-0000	-		1	SEALING PLATE	
HOLE72						
030	2511640-0000	-		1	SEALING PLATE	
040	2525292-0000	-		1	SEALING PLATE	
050	2504616-0000	-		1	SEALING PLATE	
060	2517072-0000	-		1	SEALING PLATE	
HOLE90						
	2629045-0100	-		1	TAB FOLDING	**1113**
030	2603681-0000	-		1	SEALING PLATE	
040	2579886-0000	-		1	SEALING PLATE	
060	2504606-0000	-		1	SEALING PLATE	
Common Parts						
010	2501809-0100	-		1	PUNCH UNIT	**1115**
020	2501810-0100	-		1	PATCH C'JAW	**1117**
070	1519364-0000	-		1	INSULATING RAIL	
080	1348236-0000	-		1	INSULATING RAIL	
090	1145332-0000	-		1	KNIFE-FLAT	
100	907136-0000	-		1	HEATER	
	90411-0018	*A*		*1*	*INSULATOR, ALU-SILICATE HM 15643*	
110	90411-0018	-		1	INSULATOR, ALU-SILICATE HM 15643	

Machine Type	Group Description	Used-In	Group Number	Page No

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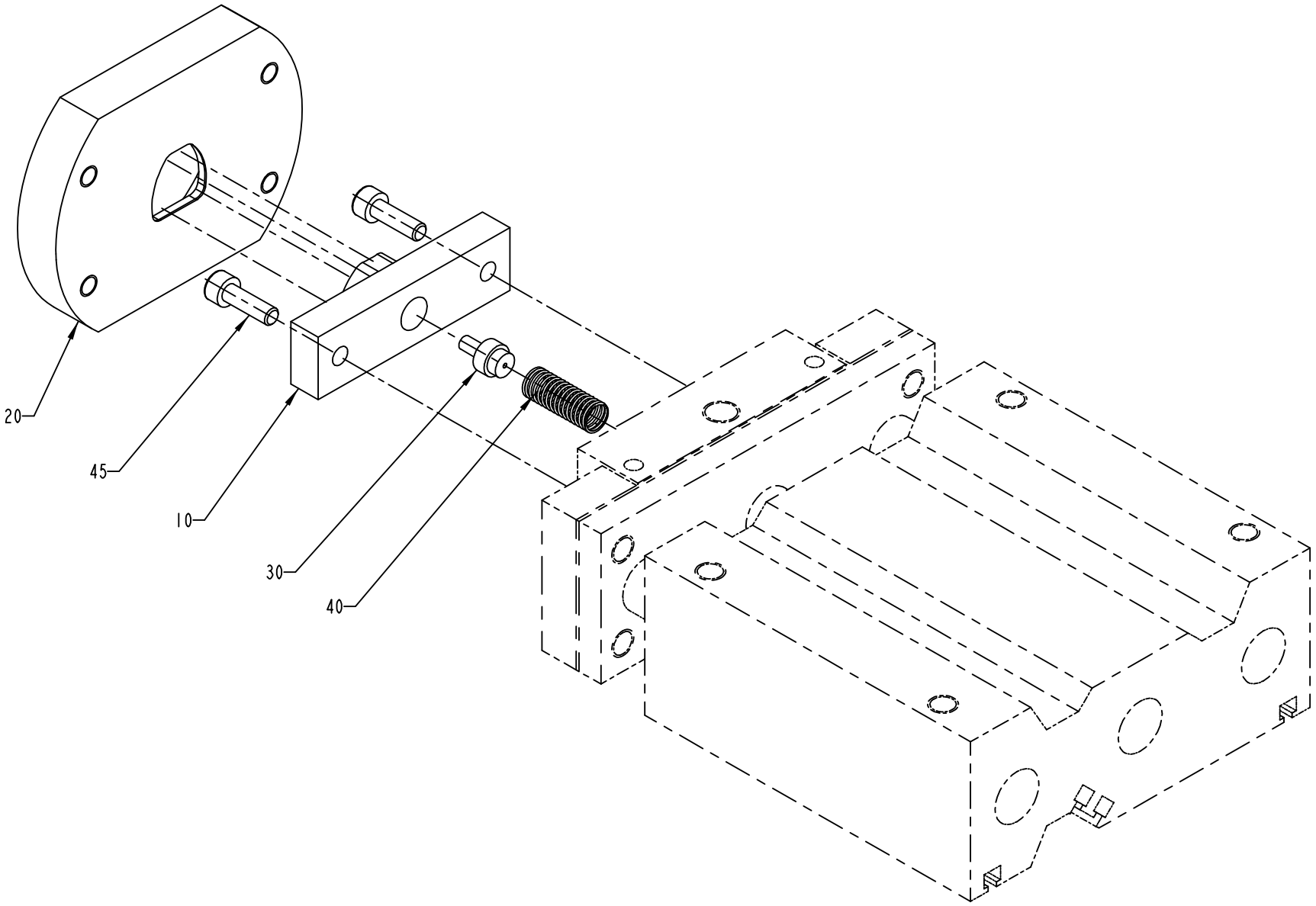
ECM: 135940 - 20030624
Group number: 2629045-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	2629042-0000	-		1	GUIDE PLATE	
020	2629043-0000	-		1	GUIDE PLATE	
030	2603695-0001	-		1	BRACKET	
040	2603695-0002	-		1	BRACKET	

Pos	Part No	SP	UN	Qty	Description	Page No

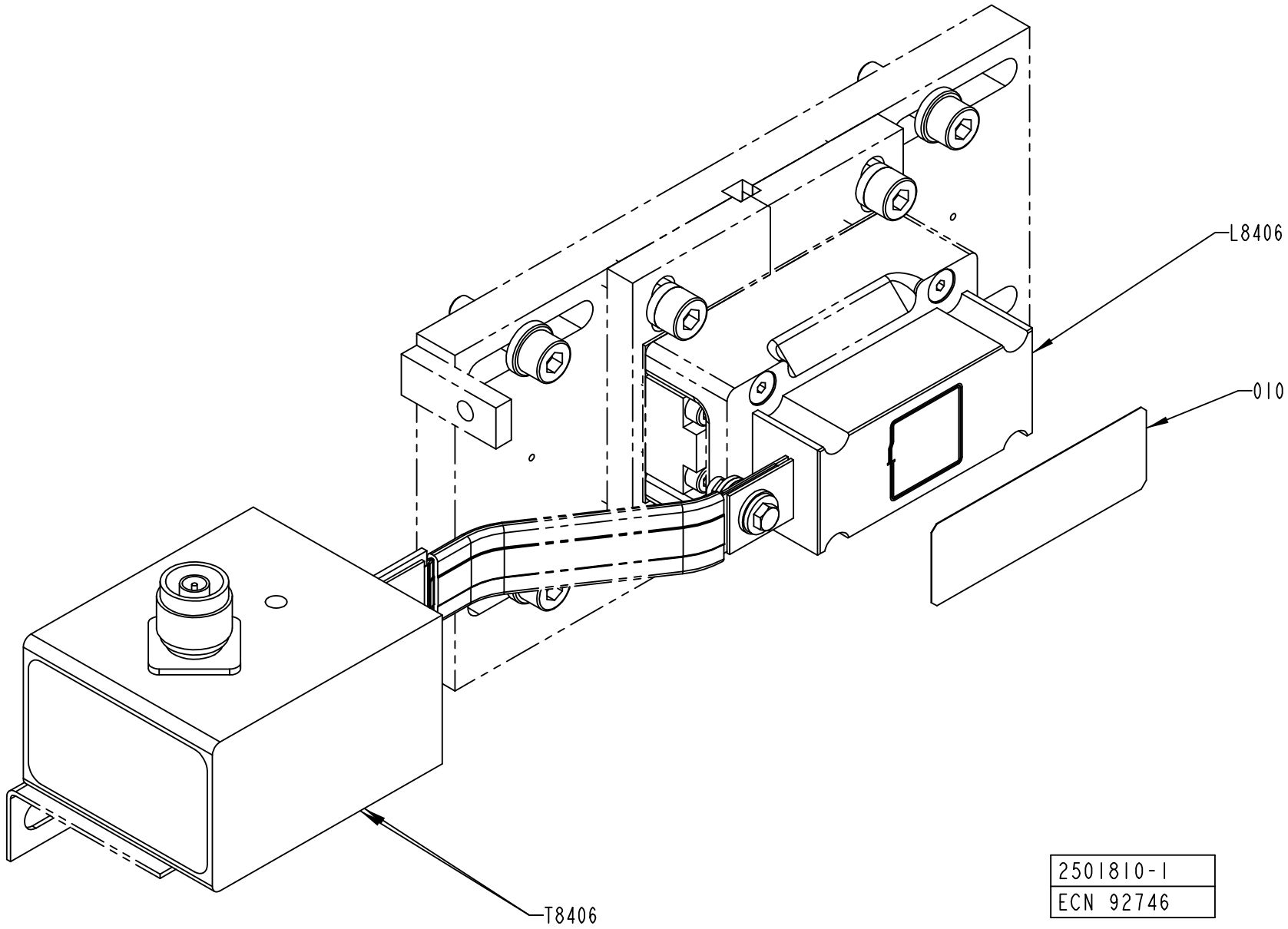


2501809-1
ECN 92746

ECM: 135935 - 20030624
Group number: 2501809-0100
Assembly Drawing: 2501809-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
HOLE48						
010	2525290-0000	A		1	PUNCH	
020	2525289-0000	A		1	DIE	
030	2501815-0000	A		1	PIN	
040	90335-0005	A		1	SPRING	
HOLE55						
010	1145416-0000	A		1	PUNCH HOLE 55	
020	1145417-0000	A		1	DIE HOLE 55	
HOLE60						
010	1484230-0000	A		1	PUNCH	
020	1484231-0000	A		1	DIE	
HOLE65						
010	1145496-0000	A		1	PUNCH HOLE 65	
020	1145497-0000	A		1	DIE HOLE 65	
HOLE72						
010	2511644-0000	A		1	PUNCH	
020	2511639-0000	A		1	DIE	
030	2501815-0000	A		1	PIN	
040	90335-0005	A		1	SPRING	
HOLE85						
010	1317233-0000	A		1	PUNCH HOLE85	
020	1317234-0000	A		1	DIE HOLE85	
HOLE90						
010	2603683-0000	A		1	PUNCH	
020	2603682-0000	A		1	DIE	
Common Parts						
045	312155-0331	-		2	SCREW EN 10642 MF6S M5X20 A480	

Pos	Part No	SP	UN	Qty	Description	Page No



2501810-1
ECN 92746

ECM: 135936 - 20030624
Group number: 2501810-0100
Assembly Drawing: 2501810-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
HOLE48						
L8406	1520196-0000	A		1	INDUCTOR	
T8406	67379-0215	A		1	TRANSFORMER	
HOLE60						
L8406	1533366-0000	A		1	INDUCTOR	
T8406	67379-0216	A		1	TRANSFORMER	
HOLE65, HOLE85						
L8406	1520450-0000	A		1	INDUCTOR	
T8406	67379-0215	A		1	TRANSFORMER	
HOLE72						
L8406	1566708-0000	A		1	INDUCTOR	
T8406	67379-0215	A		1	TRANSFORMER	
HOLE90						
L8406	1533367-0000	A		1	INDUCTOR	
T8406	67379-0215	A		1	TRANSFORMER	
Common Parts						
010	2507111-0000	A		1	TAPE	

Pos	Part No	SP	UN	Qty	Description	Page No

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ECM: 99165 - 20020228
Group number: 1255596-0300
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
0100	1361929-0200	-		1	START-UP KIT VOLUME CONVERSION	**1121, 1123, 1125 1127**
0210	315229-0105	-		5	GASKETS, 48,5X55,5X3,7 MM 2" FDA	
0220	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
0230	315229-0103	-		2	GASKETS, 23,1X30,1X3,7 MM 1" FDA	
0240	90036-0057	-		3	LIGHT BULB, BA9S 28V	
0420	28509-0000	-		2	BRICKA	
0425	32544-0000	-		2	INSULATION NUT	
0430	107426-0000	-		4	GUIDE SLEEVE	
0435	1036584-0000	-		4	WASHER	
0450	315211-0104	-		4	SEAL WASHER,NBR90/SS. 8,7X14X1 MM M8	
0455	312115-0297	-		8	SCREW ISO4762 M4X25 A4	
0460	312125-0295	-		2	SCREW PAN HEAD MCS M4X20 SS	
0465	315211-0103	-		4	SEAL WASHER,NBR90/SS. 6,7X10X1 MM M6	
0475	315202-0101	-		8	O-RING 3,1X1,6 MM	
0710	1498047-0000	-		1	SEALING BLOCK	
1115	90217-0346	-		2	GASKET 38X27,6X4 MM	
1120	1296877-0100	-		1	SEAL KIT	**1131**
1130	1296878-0100	-		1	SEAL KIT	**1133**
1135	342850-0304	-		5	GASKET 35,4X49,1X5,2 1"1/2 FDA	
1140	1296879-0100	-		1	SEAL KIT	**1135**
1150	925998-0000	-		2	DIAPHRAGM	
1310	1036676-0000	-		1	KNIFE	
1320	1538062-0000	-		1	DOLLY	
1705	90233-0028	-		10	TUBE FUSE, 10A	
1710	90233-0029	-		3	TUBE FUSE, 25A	
2000	90296-0009	-		1	SILICONE GREASE TUBE 100 GR.	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

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ECM: 115682 - 20030922
Group number: 1361929-0200
Assembly Drawing:

This list covers pages from 1120 to 1127

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000S NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110937-0000	-		2	INDUCTOR	
0410	1040755-0000	-		8	VOLUME SHIM	
0415	1348955-0000	-		2	KNIFE	
1100	499387-0000	-		3	PRESSURE ROLLER	
1170	2529419-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
TBA 1000SQ HI						
0400	1520633-0002	-		12	DOLLY	
0405	1110936-0000	-		2	INDUCTOR	
0410	1487627-0000	-		8	VOLUME SHIM	
0415	1348955-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2529420-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**
TBA 1000SQ NOHI						
0400	1520633-0002	-		12	DOLLY	
0405	1110936-0000	-		2	INDUCTOR	
0410	1487627-0000	-		8	VOLUME SHIM	
0415	1348955-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2529420-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
TBA 1500S HI						
0400	1110083-0002	-		12	DOLLY	
0405	1110938-0000	-		2	INDUCTOR	
0410	1349208-0000	-		8	VOLUME SHIM	
0415	1348955-0000	-		2	KNIFE	
1100	232979-0000	-		3	PRESSURE ROLLER	
1170	2523268-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1500S NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110938-0000	-		2	INDUCTOR	
0410	1349208-0000	-		8	VOLUME SHIM	
0415	1348955-0000	-		2	KNIFE	
1100	232979-0000	-		3	PRESSURE ROLLER	
1170	2523268-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
TPA 0250SQ HI						
0400	1110083-0002	-		12	DOLLY	
0405	1110930-0000	-		2	INDUCTOR	
0410	1549594-0000	-		24	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	272479-0000	-		3	PRESSURE ROLLER	
1170	2529416-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
TPA 0330SQ HI						
0400	1110083-0002	-		12	DOLLY	
0405	1520167-0000	-		2	INDUCTOR	
0410	1539902-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2529417-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
TPA 0500SQ HI						
0400	1110083-0002	-		12	DOLLY	
0405	1533054-0000	-		2	INDUCTOR	
0410	1549830-0000	-		12	VOLUME SHIM	
0415	1549828-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2529420-0000	-		1	SHAFT	
1180	315229-0105	-		2	GASKETS, 48,5X55,5X3,7 MM 2" FDA	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
TPA 1000S HI						
0400	1110083-0002	-		12	DOLLY	

Machine Type | Group Description | Used-In | Group Number | Page No

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Pos	Part No	SP	UN	Qty	Description	Page No
TPA 1000S HI (Cont'd)						
0405	1110935-0000	-		2	INDUCTOR	
0410	1144586-0000	-		8	VOLUME SHIM	
0415	1348956-0000	-		2	KNIFE	
1100	499387-0000	-		3	PRESSURE ROLLER	
1170	2529420-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**
TPA 1000S NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110935-0000	-		2	INDUCTOR	
0410	1144586-0000	-		8	VOLUME SHIM	
0415	1348956-0000	-		2	KNIFE	
1100	499387-0000	-		3	PRESSURE ROLLER	
1170	2529420-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
TPA 1000SQ HI						
0400	1520633-0002	-		12	DOLLY	
0405	1520052-0000	-		2	INDUCTOR	
0410	1539842-0000	-		6	VOLUME SHIM	
0412	1539843-0000	-		24	VOLUME SHIM	
0415	1348956-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2529420-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
TBA 0200B HI						
0400	1110083-0002	-		12	DOLLY	
0405	1110932-0000	-		2	INDUCTOR	
0410	1038639-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2529418-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**
TBA 0200B NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110932-0000	-		2	INDUCTOR	
0410	1038639-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2529418-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
TBA 0200S HI						
0400	1110083-0002	-		12	DOLLY	
0405	1110930-0000	-		2	INDUCTOR	
0410	1037735-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	272479-0000	-		3	PRESSURE ROLLER	
1170	2529416-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**
TBA 0200S NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110930-0000	-		2	INDUCTOR	
0410	1037735-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	272479-0000	-		3	PRESSURE ROLLER	
1170	2529416-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
TBA 0250B HI						
0400	1110083-0002	-		12	DOLLY	
0405	1110932-0000	-		2	INDUCTOR	
0410	1346158-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2529418-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**

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Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0250B HI (Cont'd)						
1195	2536003-0100	-		1	REGULATING VALVE	**1129**
TBA 0250B NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110932-0000	-		2	INDUCTOR	
0410	1346158-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2529418-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
TBA 0250S HI						
0400	1110083-0002	-		12	DOLLY	
0405	1110931-0000	-		1	INDUCTOR	
0410	2520474-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	272479-0000	-		3	PRESSURE ROLLER	
1170	2529416-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**
TBA 0250S NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110931-0000	-		1	INDUCTOR	
0410	2520474-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	272479-0000	-		3	PRESSURE ROLLER	
1170	2529416-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
TBA 0330S HI						
0400	1110083-0002	-		12	DOLLY	
0405	1110932-0000	-		2	INDUCTOR	
0410	2544993-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2523268-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**
TBA 0330S NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110932-0000	-		2	INDUCTOR	
0410	2544993-0000	-		8	VOLUME SHIM	
0415	1348966-0000	-		2	KNIFE	
1100	257330-0000	-		3	PRESSURE ROLLER	
1170	2523268-0000	-		1	SHAFT	
1180	315229-0104	-		2	GASKETS, 35,8X42,8X3,7 MM 1"1/2 FD	
1190	315204-0215	-		2	O-RING 19,2X3 MM	
TBA 0500B NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110938-0000	-		2	INDUCTOR	
0410	1532293-0000	-		8	VOLUME SHIM	
0415	1348955-0000	-		2	KNIFE	
1100	232979-0000	-		3	PRESSURE ROLLER	
1170	2523268-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
TBA 0500S HI						
0400	1110083-0002	-		12	DOLLY	
0405	1110934-0000	-		2	INDUCTOR	
0410	1511253-0000	-		8	VOLUME SHIM	
0415	1348956-0000	-		2	KNIFE	
1100	499387-0000	-		3	PRESSURE ROLLER	
1170	2529420-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**
TBA 0500S NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110934-0000	-		2	INDUCTOR	
0410	1511253-0000	-		8	VOLUME SHIM	
0415	1348956-0000	-		2	KNIFE	
1100	499387-0000	-		3	PRESSURE ROLLER	
1170	2529420-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	

Machine Type | Group Description | Used-In | Group Number | Page No

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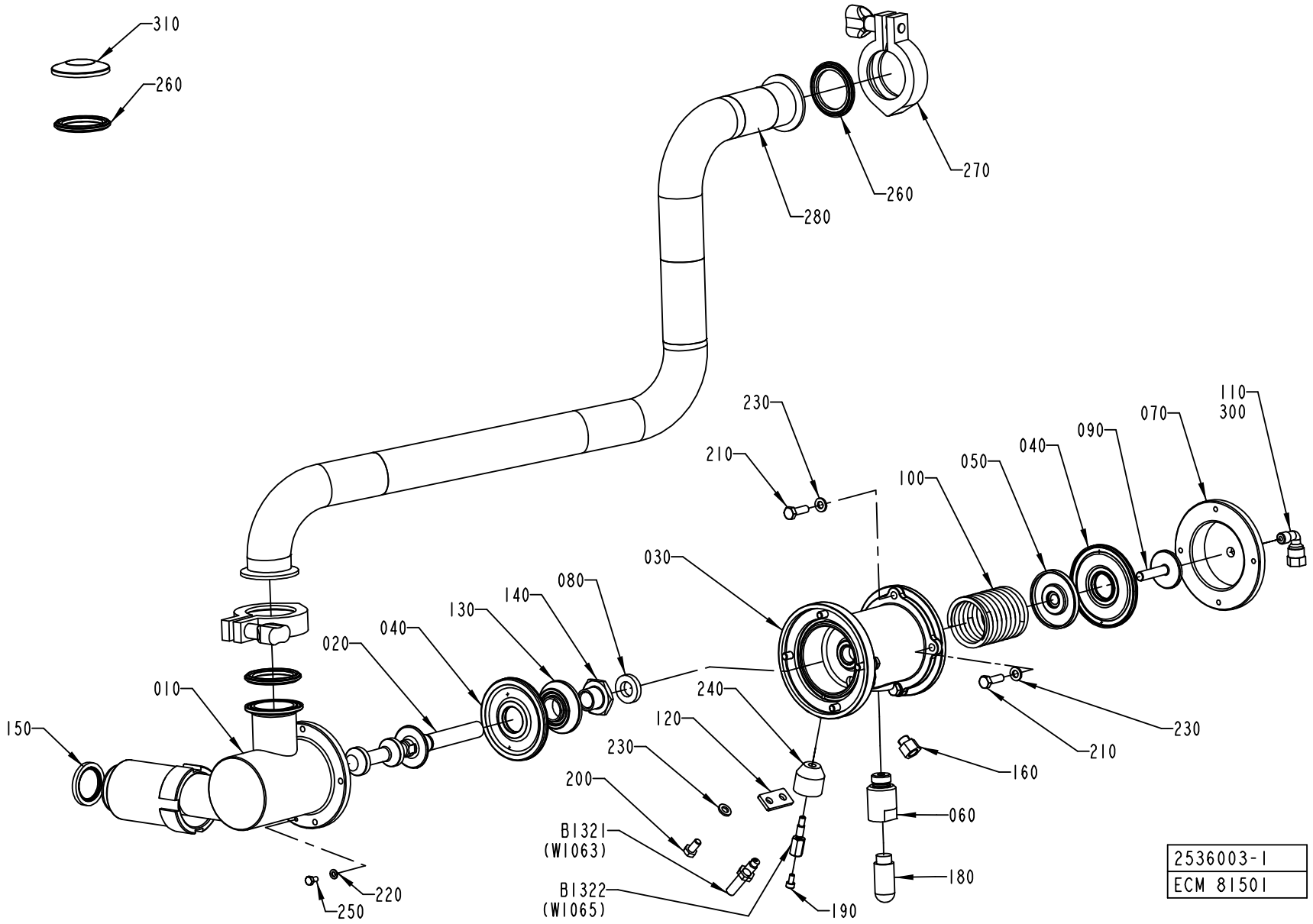
Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0500S NOHI (Cont'd)						
1190	315204-0219	-		2	O-RING 29,2X3 MM	
TBA 1000B HI						
0400	1110083-0002	-		12	DOLLY	
0405	1110938-0000	-		2	INDUCTOR	
0410	1035831-0000	-		8	VOLUME SHIM	
0415	1348955-0000	-		2	KNIFE	
1100	232979-0000	-		3	PRESSURE ROLLER	
1170	2523268-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**
TBA 1000B NOHI						
0400	1110083-0002	-		12	DOLLY	
0405	1110938-0000	-		2	INDUCTOR	
0410	1035831-0000	-		8	VOLUME SHIM	
0415	1348955-0000	-		2	KNIFE	
1100	232979-0000	-		3	PRESSURE ROLLER	
1170	2523268-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
TBA 1000S HI						
0400	1110083-0002	-		12	DOLLY	
0405	1110937-0000	-		2	INDUCTOR	
0410	1040755-0000	-		8	VOLUME SHIM	
0415	1348955-0000	-		2	KNIFE	
1100	499387-0000	-		3	PRESSURE ROLLER	
1170	2529419-0000	-		1	SHAFT	
1180	1348501-0000	-		2	GASKET	
1190	315204-0219	-		2	O-RING 29,2X3 MM	
1195	2536003-0100	-		1	REGULATING VALVE	**1129**
Common Parts						
0420	1037254-0000	-		12	SHIM	
0425	1260659-0000	-		2	SPRING	

Pos	Part No	SP	UN	Qty	Description	Page No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120
230
200
B1321
(W1063)
B1322
(W1065)
250
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190
180
060
160
230
210
2536003-1
ECM 81501

ECM: 118956 - 20021217
Group number: 2536003-0100
Assembly Drawing: 2536003-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B						
010	1487029-0000	-		1	REGULATOR BODY	
020	927007-0000	A		1	SHUTTER	
TBA 0500S, TBA 0500B						
010	1511529-0000	-		1	REGULATOR BODY	
020	1511530-0000	A		1	SHUTTER	
TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S						
010	1487030-0000	-		1	REGULATOR BODY	
020	1129321-0000	A		1	SHUTTER	
Common Parts						
030	927194-0000	-		1	BODY	
040	925998-0000	A		2	DIAPHRAGM	
050	926906-0000	-		1	SPACER	
060	927044-0000	-		1	SPACER	
070	927203-0000	-		1	COVER	
080	736514-0000	A		1	SHOCK ABSORBER	
090	926907-0000	-		1	SCREW	
100	926909-0000	A		1	COMPRESSION SPRING	
110	90030-0137	-		1	CONN. ELBOW WA 6-R1/8	
120	926934-0000	-		1	SUPPORT	
130	1511600-0000	-		1	SPACER	
140	979434-0000	-		1	FERRULE	
150	90217-0346	-		1	GASKET 38X27,6X4 MM	
160	90030-0212	-		1	NIPPLES, REDUSING, INT. THR. NO. 2521	
180	90328-0026	A		1	SILENCER G1/4	
190	312105-0287	-		1	SCREW M6S ISO4017 M4X8 A480	
200	312105-0366	-		1	SCREW M6S M6X12 A280	
210	312105-0370	-		8	SCREW M6S ISO 4017 M6X20 A480	
220	315105-0136	-		1	WASHER BRB4,3XRFR	
230	315105-0153	-		9	WASHER BRB6,4X12RFR	
240	1478813-0000	-		1	SPACER	
250	312115-0287	-		1	SCREW ISO4762 M4X8 A4	
260	342850-0304	A		3	GASKET 35,4X49,1X5,2 1"1/2 FDA	
270	342840-0103	-		2	CLAMPING PIECE	
280	1129089-0000	-		1	PIPE	
300	90144-0073	-	MM	1	TREBOFLON-TAPE W=13MM	
310	979813-0000	-		1	PLUG	
B1321	90458-0138	A		1	PROX.SW. E2EG-X1R5B1-5M	
B1322	1478814-0000	A		1	SENSOR	

Machine Type	Group Description	Used-In	Group Number	Page No

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ECM: 70850 - 19970729
Group number: 1296877-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	530589-0000	-		4	SEAL RING	
020	530588-0000	-		1	SEAL RING	
030	533169-0000	-		1	DIAPHRAGM	
040	539212-0000	-		1	GASKET	
050	90091-0266	-		2	SEAL RING 10,4X16,3X2,5 MM	
060	90207-0363	-		1	GASKET	
070	90207-0365	-		1	GASKET	
100	315204-0215	-		1	O-RING 19,2X3 MM	
110	315204-0301	-		1	O-RING 49,5X3 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

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ECM: 70850 - 19970729
Group number: 1296878-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
080	90030-0336	-		2	CONN. STRAIGHT, 316L-12M-BVCO-3	
090	90091-0237	-		5	ROD SEAL, GLIDORING 20X27,5X3 MM	
100	315204-0215	-		2	O-RING 19,2X3 MM	
120	90091-0238	-		4	WEAR RING 20X22X10 MM	
140	315204-0308	-		2	O-RING 84,5X3 MM	

Pos	Part No	SP	UN	Qty	Description	Page No

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ECM: 70850 - 19970729
Group number: 1296879-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
090	90091-0237	-		3	ROD SEAL, GLIDORING 20X27,5X3 MM	
100	315204-0215	-		1	O-RING 19,2X3 MM	
120	90091-0238	-		2	WEAR RING 20X22X10 MM	
130	90091-0335	-		1	PISTON SEAL,GLIDORING 62,5X70X3 MM	
150	90091-0304	-		1	RADIAL SEAL 45X65X8 MM DUST LIP	

Pos	Part No	SP	UN	Qty	Description	Page No

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ECM: 72190 - 19990628
Group number: 531345-0200
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No	Pos	Part No	SP	UN	Qty	Description	Page No
-													
	90303-0011	-		1	PROTECTIVE GOGGLES								
	90303-0012	-		1	PROTECTIVE GLOVES								
	90303-0013	-		1	APRON								

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ECM: 125819 - 20030210
Group number: 2569879-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0250SQ, TPA 1000SQ						
010	1296150-0000	-		1	CAM	
Common Parts						
020	1558942-0000	-		1	BRACKET	
030	598878-0000	-		1	MACHINE SIGN 2 ADR. EEA	
100	311521-0142	-		4	BLANK RIVET 3,2X6	
120	312105-0502	-		2	SCREW M6S ISO 4014 M10X55 A480	
130	315105-0173	-		2	WASHER BRB10,5X22RFR	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC
Spare Parts Catalogue

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ECM: 118610 - 20030305
Group number: 649418-0500
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
0010	42350-0500	-		1	ELECTRICAL DOCUMENT	

Pos	Part No	SP	UN	Qty	Description	Page No

Tetra Pak

SPC
Spare Parts Catalogue

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ECM: 72778 - 19990715
Group number: 648519-0500
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
0100	575182-0500	-		1	TOOLS / TEMPLATES	**1149**
0200	575183-0500	-		1	ACCESSORIES	**1197**

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

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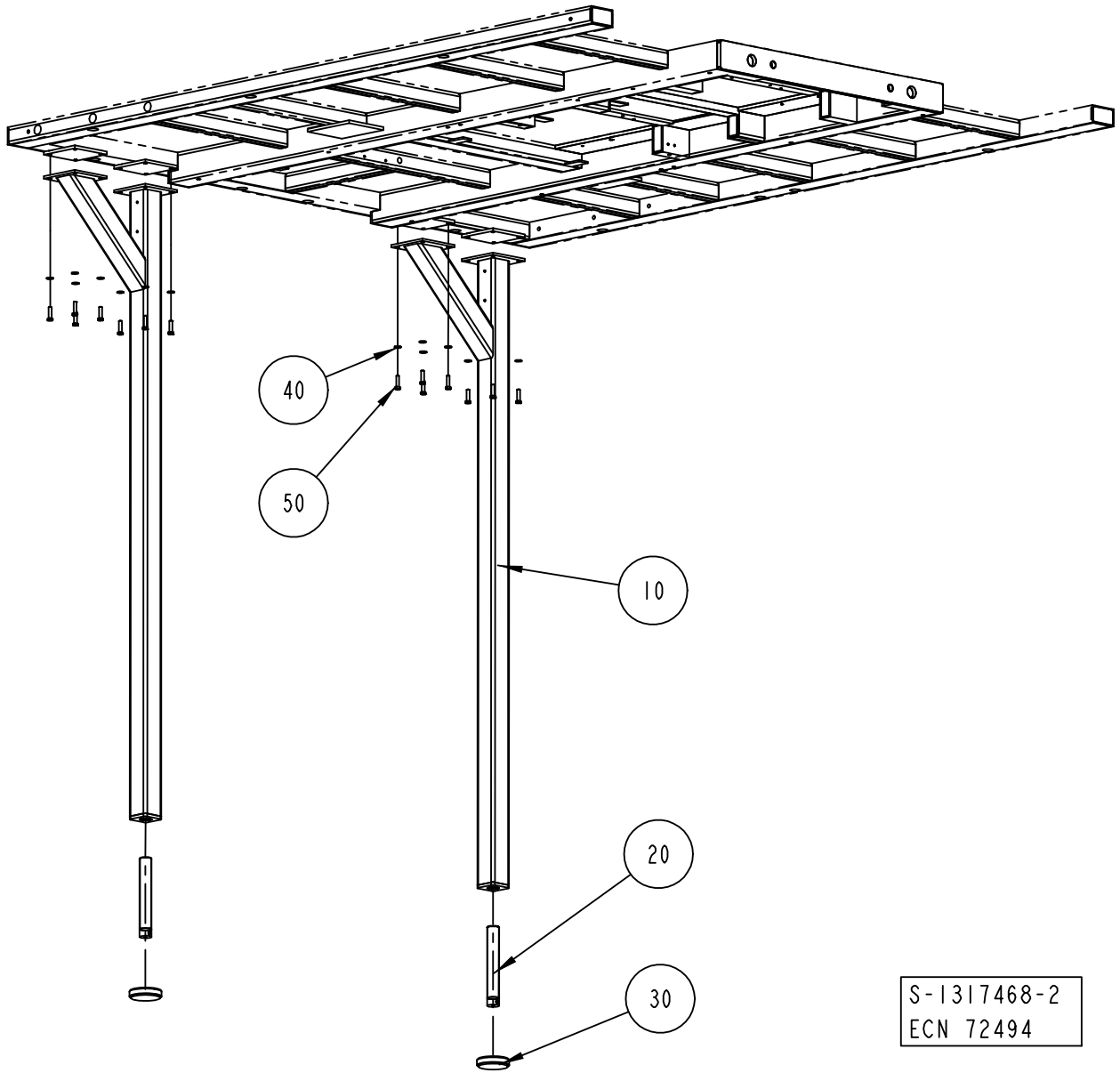
ECM: 119001 - 20021217
Group number: 575182-0500
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
110V						
2010	90243-0446	-		1	LASER EQUIPMENT	
90243-0448		-		*1*	*ANGLE PLATE*	
90243-0449		-		*1*	*ANGLE PLATE*	
90243-0450		-		*1*	*RIDGE BED*	
90243-0328		-		*1*	*PAPER ROLL*	
90243-0329		-		*1*	*CABLE*	
90243-0330		-		*1*	*CABLE*	
230V						
2015	90243-0447	-		1	LASER EQUIPMENT	
90243-0450		-		*1*	*RIDGE BED*	
90243-0449		-		*1*	*ANGLE PLATE*	
90243-0448		-		*1*	*ANGLE PLATE*	
90243-0328		-		*1*	*PAPER ROLL*	
90243-0329		-		*1*	*CABLE*	
90243-0330		-		*1*	*CABLE*	
Common Parts						
0200	90321-0537	-		1	GAUGE GROUP	
0210	90321-0538	-		1	HOSE	
0220	1317468-0200	-		1	LEG STAND	**1151**
0300	1254023-0100	-		1	ASSEMBLY TOOL	**1153**
0400	1035362-0100	-		1	MEASURING DEVICE	**1155**
0410	1095956-0200	-		1	SETTING TOOL	**1157**
0420	72846-0101	-		1	COMPRESSION SPRING	
110	*72887-0000*	-		*1*	*COMPRESSION SPRING*	
113	*72888-0001*	-		*1*	*SPRING BRACKET*	
114	*72888-0002*	-		*1*	*SPRING BRACKET*	
0430	1095884-0100	-		1	ASSEMBLY TOOL	**1159**
0440	90243-0146	-		1	TOOL	
0600	1254452-0100	-		1	TOOL TO EMPTY THE COOLING SYSTEM	**1161**
0710	1346749-0000	-		1	SETTING TOOL	
0720	312105-0291	-		1	SCREW M6S ISO 4017 M4X12 A480	
0800	1498400-0100	-		1	TEMPLATES	**1163**
1110	1349914-0100	-		1	TEMPLATE FILLING PIPE	**1165**
1115	74305-0100	-		1	PULLER	**1167**
1120	74767-0100	-		1	DYNAMOMETER	**1169**
1125	90206-0330	-		1	SOCKET WRENCH 2"9	
1130	449969-0100	-		1	TOOL DISMOUNTING	**1171**
1140	90243-0137	-		1	MEASURING INSTRUMENT	
1150	1037370-0000	-		1	ASSEMBLY JIG	
1160	533014-0100	-		1	LEAK FINDING EQUIPMENT (SUPERSTRUCTURE)	**1173**
					.....	**1175**
1170	1512327-0100	-		1	TEMPLATE TUBE FORMING	**1179**
1180	1349738-0100	-		1	PRESSURE TEST EQUIPMENT	**1187**
1190	1334986-0000	-		1	TEMPLATE	
1190	2564543-0000	-		1	TEMPLATE	
1190	1539765-0000	-		1	TEMPLATE	
1190	1539761-0000	-		1	TEMPLATE	
1190	1539722-0000	-		1	TEMPLATE	
1190	1539721-0000	-		1	TEMPLATE	
1195	1334987-0000	-		1	TEMPLATE	
1300	1038734-0000	-		1	SETTING AXLE	
1310	1260622-0000	-		1	TEMPLATE	
1320	1346518-0000	-		1	TEMPLATE	
1330	1348492-0100	-		1	TEMPLATE	**1189**
1340	1484191-0000	-		1	TEMPLATE	
1510	1350497-0000	-		1	ASSEMBLY TOOL	
1520	1350498-0000	-		1	ASSEMBLY TOOL	
1530	1350520-0000	-		1	ASSEMBLING TOOL	
1540	1478583-0100	-		1	PRESSURE GAUGE	**1191**
1710	567732-0100	-		1	CALIBRATION EQUIPMENT	**1193**
2020	90243-0328	-		1	PAPER ROLL	
2030	90243-0329	-		1	CABLE	
2040	90243-0330	-		1	CABLE	
2050	90243-0448	-		1	ANGLE PLATE	
2060	90243-0449	-		1	ANGLE PLATE	

Machine Type | Group Description | Used-In | Group Number | Page No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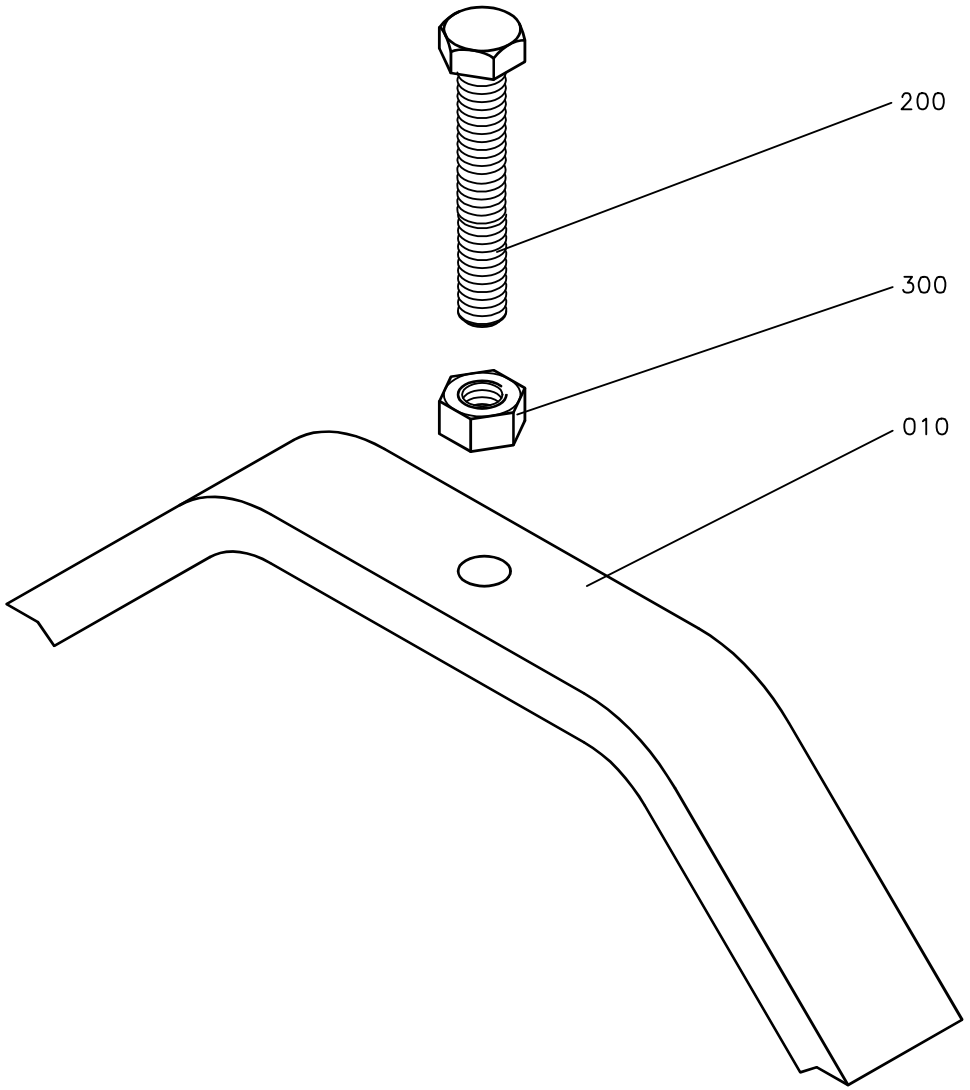
S-1317468-2
ECN 72494

ECM: 72494 - 19990524
Group number: 1317468-0200
Assembly Drawing: 1317468-2_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1346394-0000	-		2	LEG	
020	905373-0000	C		2	SCREW - LEG	
030	90347-0080	C		2	DAMPER TFE 1201	
040	315105-0173	-		16	WASHER BRB10,5X22RFR	
050	312109-0499	-		16	SCREW M6S ISO 4017 M10X40 A480	

Pos	Part No	SP	UN	Qty	Description	Page No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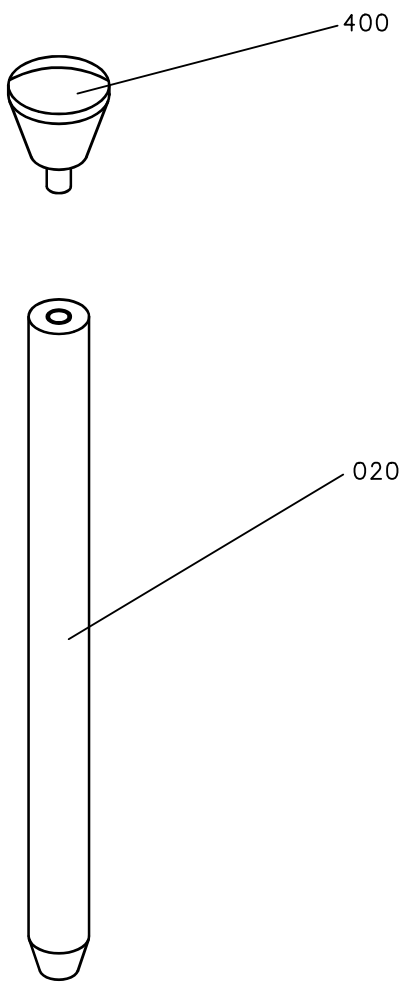
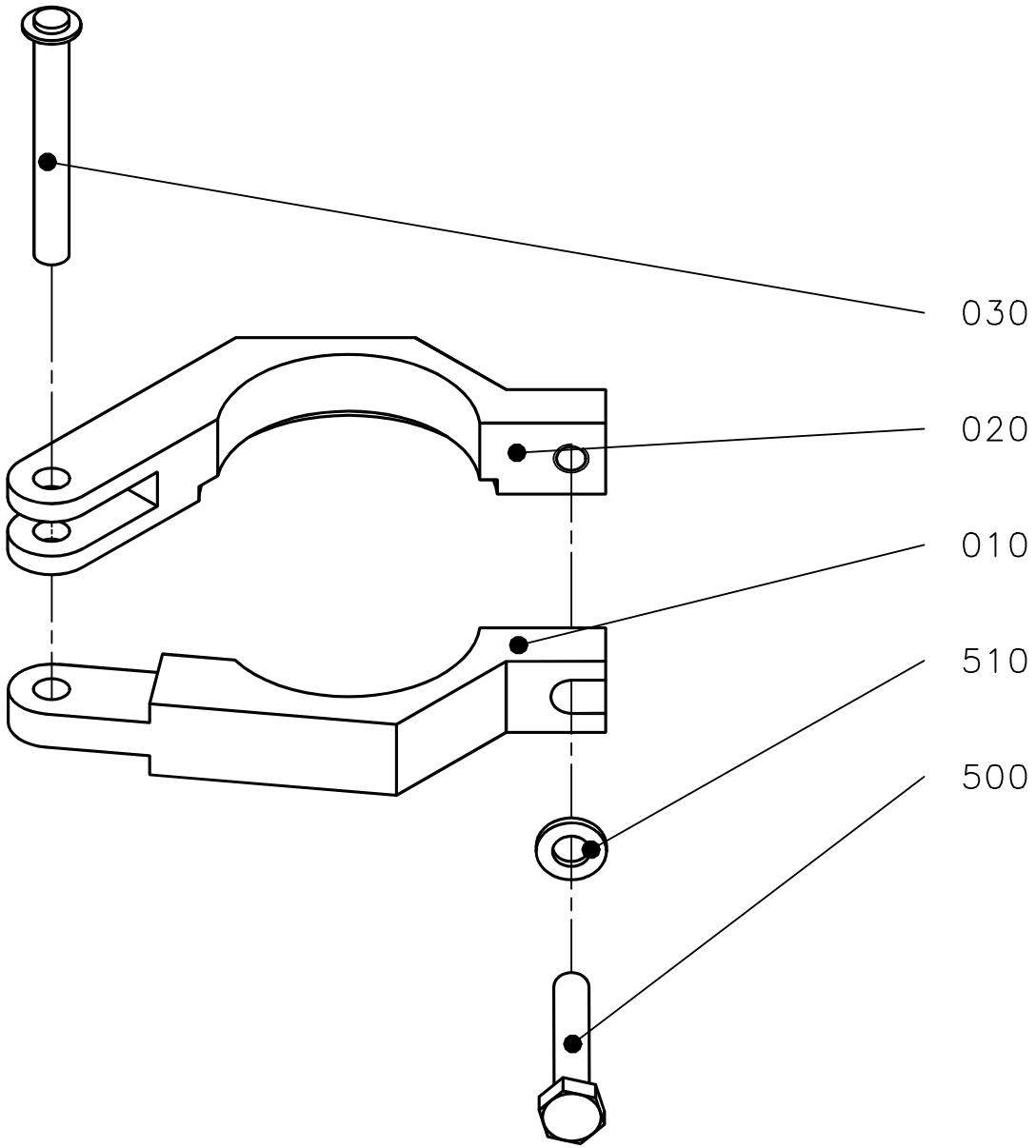
300
010


400
020

ECM: 70073 - 19960313
Group number: 1254023-0100
Assembly Drawing: 1254023-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1036123-0000	-		1	BOW CLAMP	
020	1036061-0000	-		1	GUIDE PIN	
200	312104-0552	-		1	SCREW M6S M12X100H FZB	
300	312601-0322	-		1	NUT M6M 12-8 FZB	
400	318871-0104	-		1	KNOB CIRCULAR, EXT THREAD, NO. 8302-6118	

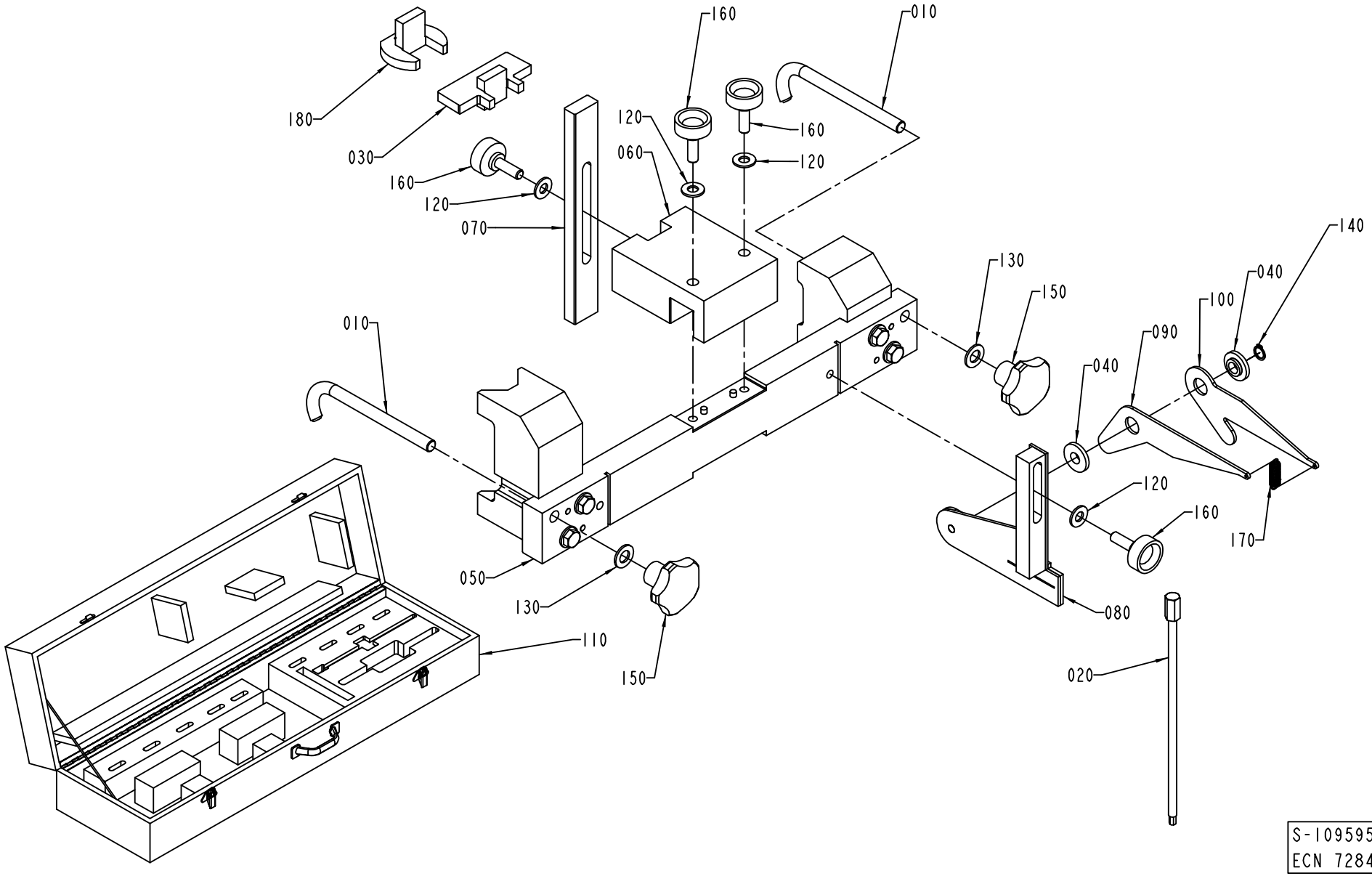
Pos	Part No	SP	UN	Qty	Description	Page No


030
020
010
510
500

ECM: 70060 - 19960315
Group number: 1035362-0100
Assembly Drawing: 1035362-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037696-0000	-		1	CLAMPING PIECE	
020	1037697-0000	-		1	CLAMPING PIECE	
030	74655-0000	-		1	SHAFT	
500	312105-0374	-		1	SCREW M6S ISO 4014 M6X30 A480	
510	315105-0153	-		1	WASHER BRB6,4X12RFR	

Pos	Part No	SP	UN	Qty	Description	Page No


160
010
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010
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S-1095956-2
ECN 72849

ECM: 129943 - 20030514
Group number: 1095956-0200
Assembly Drawing: 1095956-2_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S						
030	1140283-0000	B		1	TEMPLATE	
180	76176-0000	B		1	TEMPLATE	
TBA 0250S						
030	574455-0000	B		1	TEMPLATE	
180	574454-0000	B		1	TEMPLATE	
TBA 0330S, TBA 0200B, TBA 0250B						
030	1523091-0000	B		1	TEMPLATE	
180	75936-0000	B		1	TEMPLATE	
TBA 0500B, TBA 1000B						
030	1140268-0000	B		1	TEMPLATE	
TBA 0500S						
030	1532998-0000	B		1	TEMPLATE	
TBA 1000S						
030	1140320-0000	B		1	TEMPLATE	
TBA 1000SQ						
030	1498117-0000	B		1	TEMPLATE	
TBA 1500S						
030	1478190-0000	B		1	TEMPLATE	
TPA 0250SQ						
030	1539893-0000	B		1	TEMPLATE	
180	2534810-0000	B		1	TEMPLATE	
TPA 0330SQ						
030	1539892-0000	B		1	TEMPLATE	
180	2534809-0000	B		1	TEMPLATE	
TPA 0500SQ						
030	2503692-0000	B		1	TEMPLATE	
TPA 1000S						
030	1317230-0000	B		1	TEMPLATE	
TPA 1000SQ						
030	2503694-0000	B		1	TEMPLATE	
Common Parts						
010	1037691-0000	B		2	HOOK	
020	1129776-0000	B		1	KEY	
040	1140414-0000	B		2	BEARING	
050	1140417-0000	B		1	BRACKET	
060	1140430-0000	B		1	BRACKET	
070	1140431-0000	B		1	RULER	
080	1140432-0000	B		1	BRACKET	
090	1140433-0000	B		1	SHEET	
100	1140434-0000	B		1	SHEET	
110	1254453-0000	B		1	WOODENBOX	
120	315105-0173	B		4	WASHER BRB10,5X22RFR	
130	315105-0178	B		2	WASHER BRB13X24RFR	
140	315751-0109	B		1	RETAIN. RING, 12	
150	318850-0113	B		2	STELLAR KNOB, INT. THREAD, NO. 8306-0367	
160	318856-0109	B		4	KNOB, EXTERNAL THREAD. NO. 8308-1658	
170	90335-0089	B		1	TENSION SPRING 41490, 0,9X10X23	

Machine Type | Group Description | Used-In | Group Number | Page No

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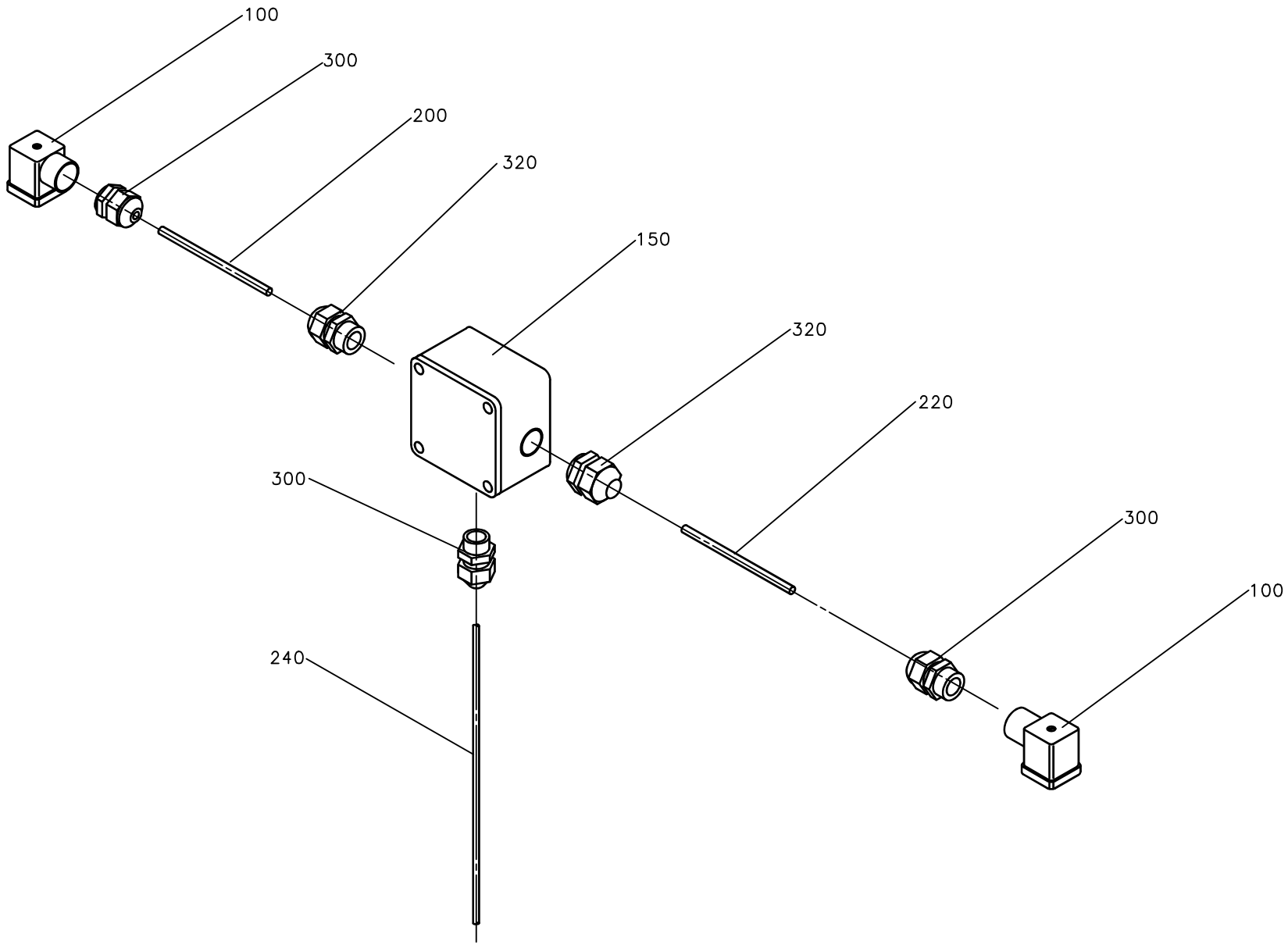
ECM: 118998 - 20021217
Group number: 1095884-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0330S, TBA 0200B, TBA 0250S, TBA 0200S, TBA 0250B, TPA 0250SQ, TPA 0330SQ						
010	76131-0000	-		1	ASSEMBLY CONE	
011	76132-0000	-		1	ASSEMBLY TOOL	
012	78801-0000	-		1	CALIBRATION TOOL	
030	90091-0387	-		1	ASSEMBLY TOOL	
TBA 0500S, TBA 0500B, TBA 1000S, TBA 1000SQ, TBA 1000B, TPA 1000S, TBA 1500S, TPA 1000SQ, TPA 0500SQ						
020	90091-0377	-		1	ASSEMBLY TOOL SLEEVE GLYD RING	
040	90091-0378	-		1	ASSEMBLY TOOL SLEEVE AQ-SEAL	

Pos	Part No	SP	UN	Qty	Description	Page No

TOOL TO EMPTY THE COOLING SYSTEM



ECM: 70530 - 19970926
Group number: 1254452-0100
Assembly Drawing: 1254452-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	90042-0398	-		2	CONTACT 3 POLE+EARTH	
150	90195-0037	-		1	CONNECTION BOX 1 0606 03 & BK4 TERMINAL	
200	351150-0122	-	M	1	CABLE " REPL.BY 351150-431"	
220	351150-0122	-	M	1	CABLE " REPL.BY 351150-431"	
240	351150-0122	-	M	6	CABLE " REPL.BY 351150-431"	
300	352103-0101	-		3	CABLE GLAND, ST 9, PR15,2/PG9	
320	352103-0105	-		2	CABLE GLAND, STR 11, PR 18,6/PG11	

Pos	Part No	SP	UN	Qty	Description	Page No

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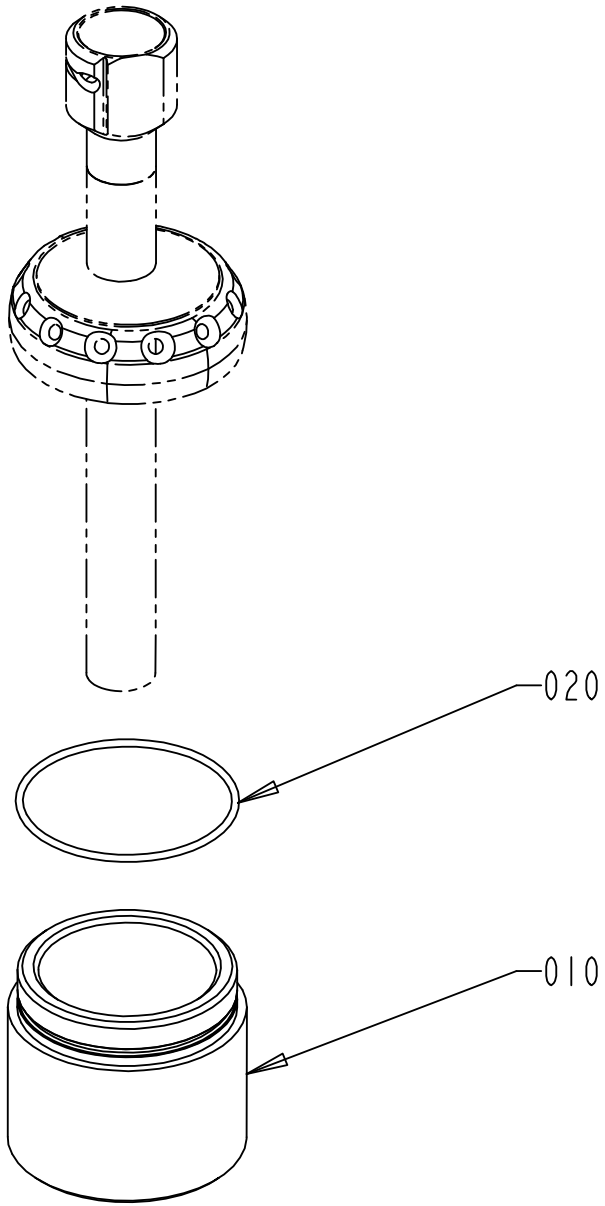
ECM: 108316 - 20020520
Group number: 1498400-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 1000B HOLE85						
010	1487236-0000	-		1	TEMPLATE	
TBA 1000S HOLE85						
010	1487235-0000	-		1	TEMPLATE	
TBA 1000SQ HOLE85						
010	1499183-0000	-		1	TEMPLATE	
TBA 1500S HOLE85						
010	1499181-0000	-		1	TEMPLATE	
TPA 1000S HOLE60						
010	1484509-0000	-		1	TEMPLATE	
TPA 1000SQ HOLE60						
010	1500095-0000	-		1	POSITION TEMPLATE	

Pos	Part No	SP	UN	Qty	Description	Page No

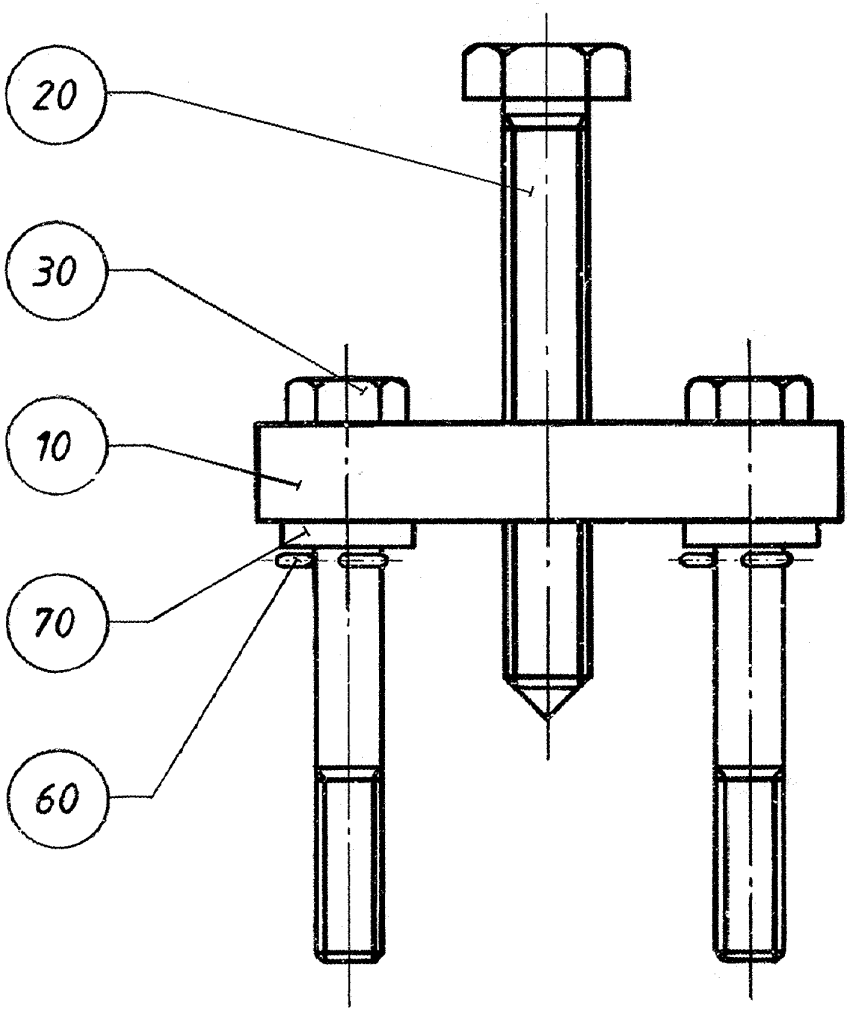
TEMPLATE FILLING PIPE



ECM: 119000 - 20021217
Group number: 1349914-0100
Assembly Drawing: 1349914-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0250S, TBA 0200S, TPA 0250SQ						
010	1558304-0000	-		1	TEMPLATE	
020	315202-0214	-		1	O-RING 17,3X2,4 MM	
TBA 0330S, TBA 0200B, TBA 0250B						
010	1498149-0000	-		1	TEMPLATE	
020	315202-0217	-		1	O-RING 24,2X3 MM	
TBA 0500B, TBA 1000B, TBA 1500S						
010	1498150-0000	-		1	TEMPLATE	
020	315202-0308	-		1	O-RING 84,5X3 MM	
TBA 0500S						
010	1524840-0000	-		1	TEMPLATE	
020	315202-0303	-		1	O-RING 59,5X3 MM	
TBA 1000S						
010	1498151-0000	-		1	TEMPLATE	
020	315202-0307	-		1	O-RING 79,5X3 MM	
TBA 1000SQ						
010	1517987-0000	-		1	TEMPLATE	
020	315202-0305	-		1	O-RING 69,5X3 MM	
TPA 0330SQ						
010	1532299-0000	-		1	TEMPLATE	
020	315202-0217	-		1	O-RING 24,2X3 MM	
TPA 0500SQ						
010	2545352-0000	-		1	TEMPLATE	
020	315202-0302	-		1	O-RING 54,5X3 MM	
TPA 1000S						
010	1558732-0000	-		1	TEMPLATE	
020	315202-0722	-		1	O-RING 28,24X2,62 MM	
TPA 1000SQ						
010	1524841-0000	-		1	TEMPLATE	
020	315202-0303	-		1	O-RING 59,5X3 MM	

Pos	Part No	SP	UN	Qty	Description	Page No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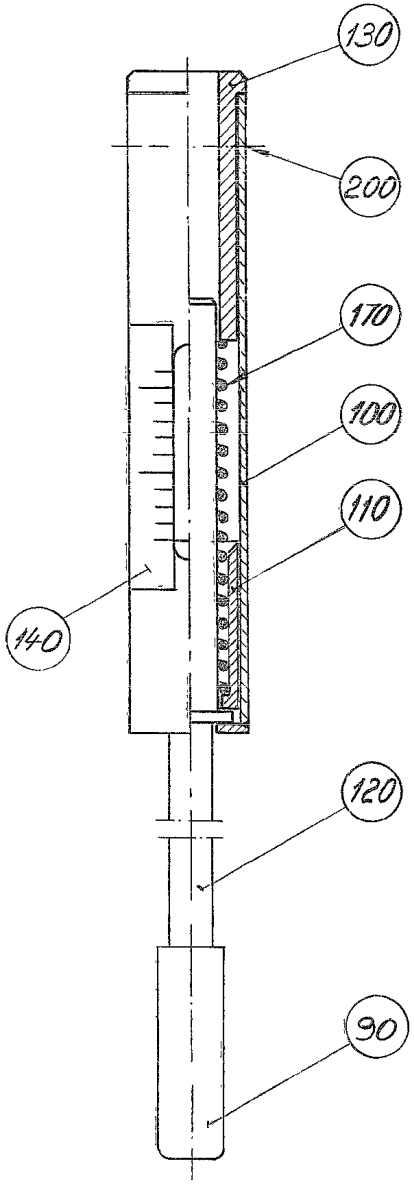
ECM: - -
Group number: 74305-0100
Assembly Drawing: 74305-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	74363-0000	-		1	FASTENING PLATE	
020	74364-0000	-		1	EXTRACTOR BOLT	
030	74365-0000	-		2	SCREW	
060	311411-0152	-		2	SPLIT PIN SP2X16RFR	
070	315115-0165	-		2	WASHER PLAIN, TBRB 8,4/16 H=3	

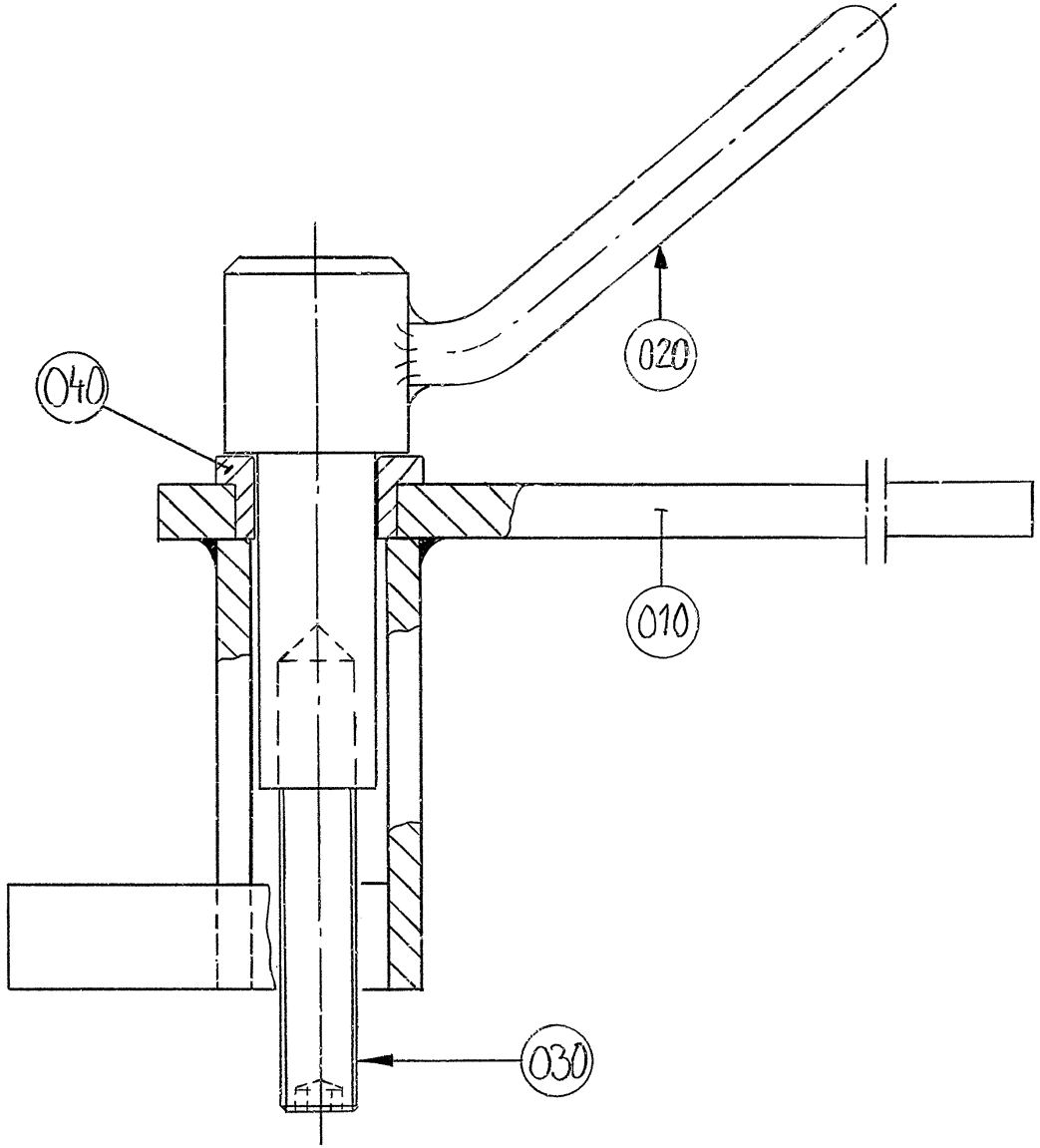
Pos	Part No	SP	UN	Qty	Description	Page No


130
200
170
100
110
140
120
90

ECM: - -
Group number: 74767-0100
Assembly Drawing: 74767-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
090	74912-0000	-		1	DOWEL	
100	74768-0000	-		1	SLEEVE	
110	74769-0000	-		1	SLEEVE	
120	74770-0000	-		1	ROD	
130	74771-0000	-		1	STEERING	
140	74772-0000	-		1	DIAL	
170	107000-0000	-		1	SPRING	
200	312125-0285	-		2	SCREW SLOT.PAN HD. MCS 4X6 A480	

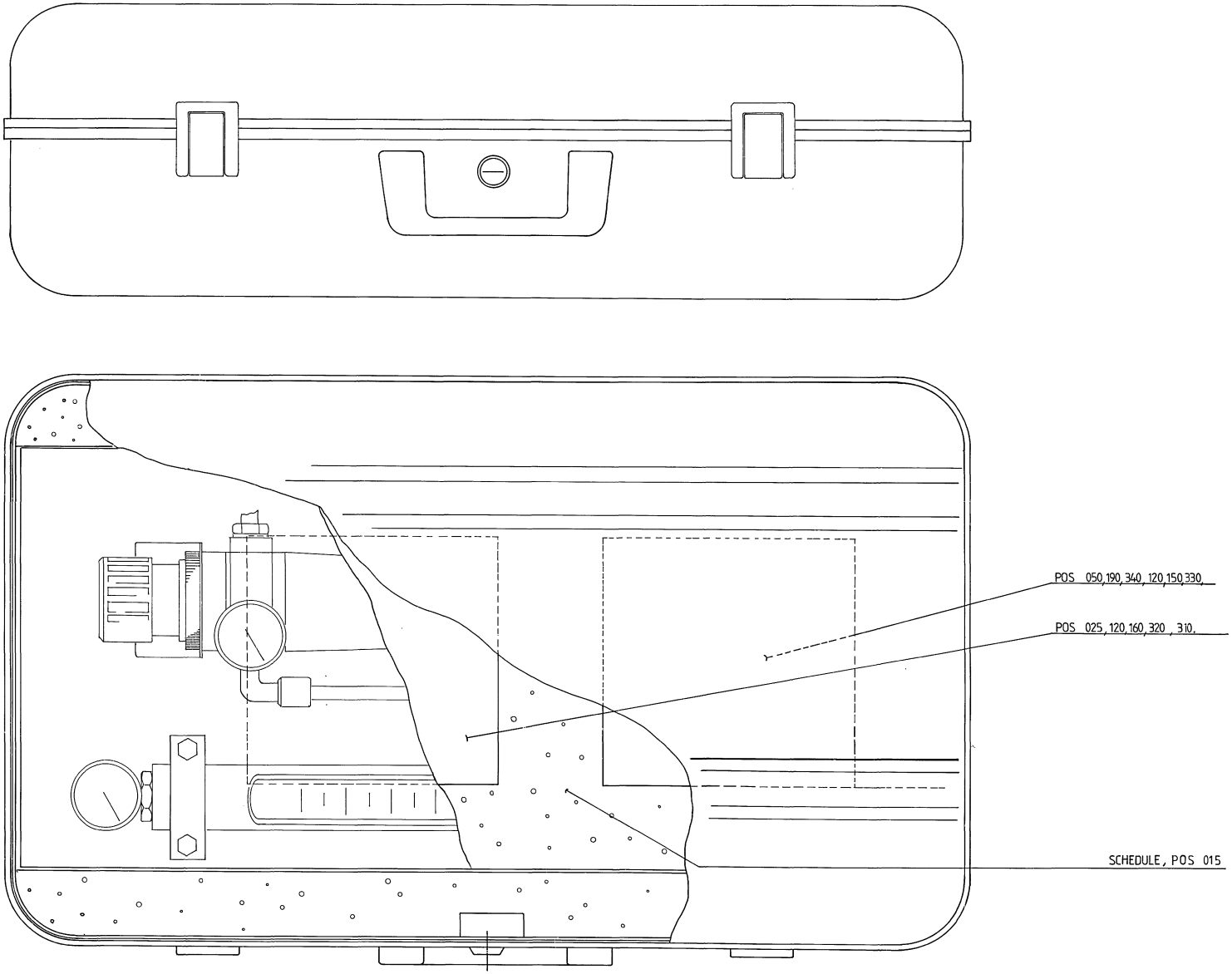
Pos	Part No	SP	UN	Qty	Description	Page No


040
020
010
030

ECM: - -
Group number: 449969-0100
Assembly Drawing: 449969-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	449970-0000	-		1	HOLDER	
020	449971-0000	-		1	SPINDLE	
030	312306-0546	-		1	SCREW ISO4026 M12X70 BLACK	
040	321101-0222	-		1	FLANGE BUSHING, 18X25X12	

Pos	Part No	SP	UN	Qty	Description	Page No

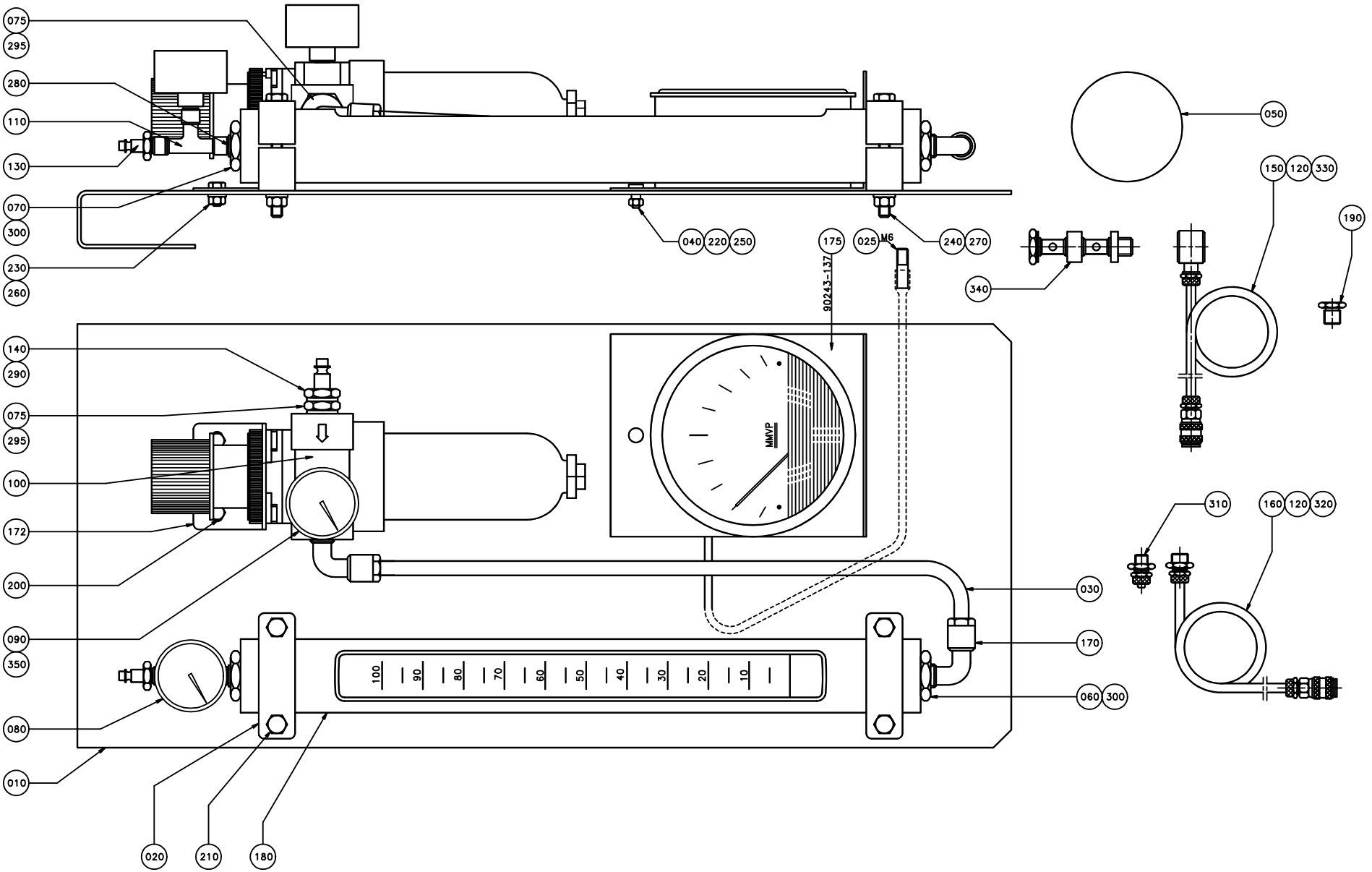

POS 050,190,340,120,150,330,
POS 025,120,160,320 ,310,
SCHEDULE, POS 015

ECM: 71889 - 19980924
Group number: 533014-0100
Assembly Drawing: 533014-1_1_AA

This list covers pages from 1172 to 1175

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	533905-0100	-		1	PONCH	**1177**
010	532676-0000	-		1	SHEET	
015	533015-0000	-		1	WIRING DIAGRAM	
020	1360399-0000	-		4	PIPE HOLDER	
025	493735-0000	-		1	NIPPLE	
030	532677-0000	-		1	PIPE	
040	532678-0000	-		1	DOWEL	
050	532679-0000	-		1	PLATE	
060	90030-0223	-		1	BUSHING, INT/EXT. G-THREAD NO. 2531	
070	90030-0224	-		1	NIPPLES, EXT. THREAD, HEXAGON, NO. 2511	
075	90030-0225	-		2	REDUCTION NIPPEL 2531-3/8X1/4	
080	90043-0021	-		1	PRESSURE GAUGE WIEGAND 0-1 BAR 1/8"	
090	90043-0043	-		1	PRESSURE GAUGE WIEGAND 0-10 BAR 1/8"	
100	90113-0059	-		1	FILTER REG. 50UM	
110	90140-0015	-		1	T-PIPE, INT. THREAD, 2003-1/8	
120	90163-0056	-		2	QUICK COUPLING, (F) 5054-6/4	
130	90163-0057	-		1	NIPPLE 1/8" BRASS	
140	90163-0087	-		1	QUICK COUPLING, (M) 5150-1/4	
150	90166-0124	-	MM	1250	TUBE 6 MM PA,TRANSP.	
160	90166-0124	-	MM	1250	TUBE 6 MM PA,TRANSP.	
170	90224-0303	-		2	CONNECTION	
172	90113-0384	-		1	CANTILEVER	
175	90243-0137	-		1	MEASURING INSTRUMENT	
180	90243-0147	-		1	FLOW METER	
190	90330-0029	-		1	PLUG, EXT. G-THREAD, R-236R3/8	
200	312105-0325	-		2	SCREW M6S ISO 4017 M5X10 A480	
210	312105-0383	-		4	SCREW M6S ISO 4014 M6X65 A480	
220	312602-0312	-		1	HEXAGON NUT, EN 24032 M6M M4 NIPLBR	
230	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
240	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
250	315103-0136	-		1	WASHER PLAIN, BRB, 4,3/8,H=0,8 NI PL BR	
260	315105-0146	-		4	WASHER BRB5,3X10RFR	
270	315105-0153	-		8	WASHER BRB6,4X12RFR	
280	315233-0109	-		2	WASHER CAPTIVE SEALING G1/8	
290	315233-0110	-		1	WASHER CAPTIVE SEALING G1/4	
295	315233-0111	-		2	WASHER CAPTIVE SEALING G3/8	
300	315233-0113	-		2	WASHER CAPTIVE SEALING G1/2	
310	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
320	342921-0114	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/4"	
330	342980-0114	-		1	BANJO-CONNECTION,RING 6/4-G1/4"	
340	342980-0314	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.02-G1/4"	
350	342701-0201	-		1	BUSHING,INT./EXT.G-THREAD G1/4"-G1/8"	

Machine Type	Group Description	Used-In	Group Number	Page No


075
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175
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M6
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90243-137
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330
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340
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290
075
295
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172
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MMVP
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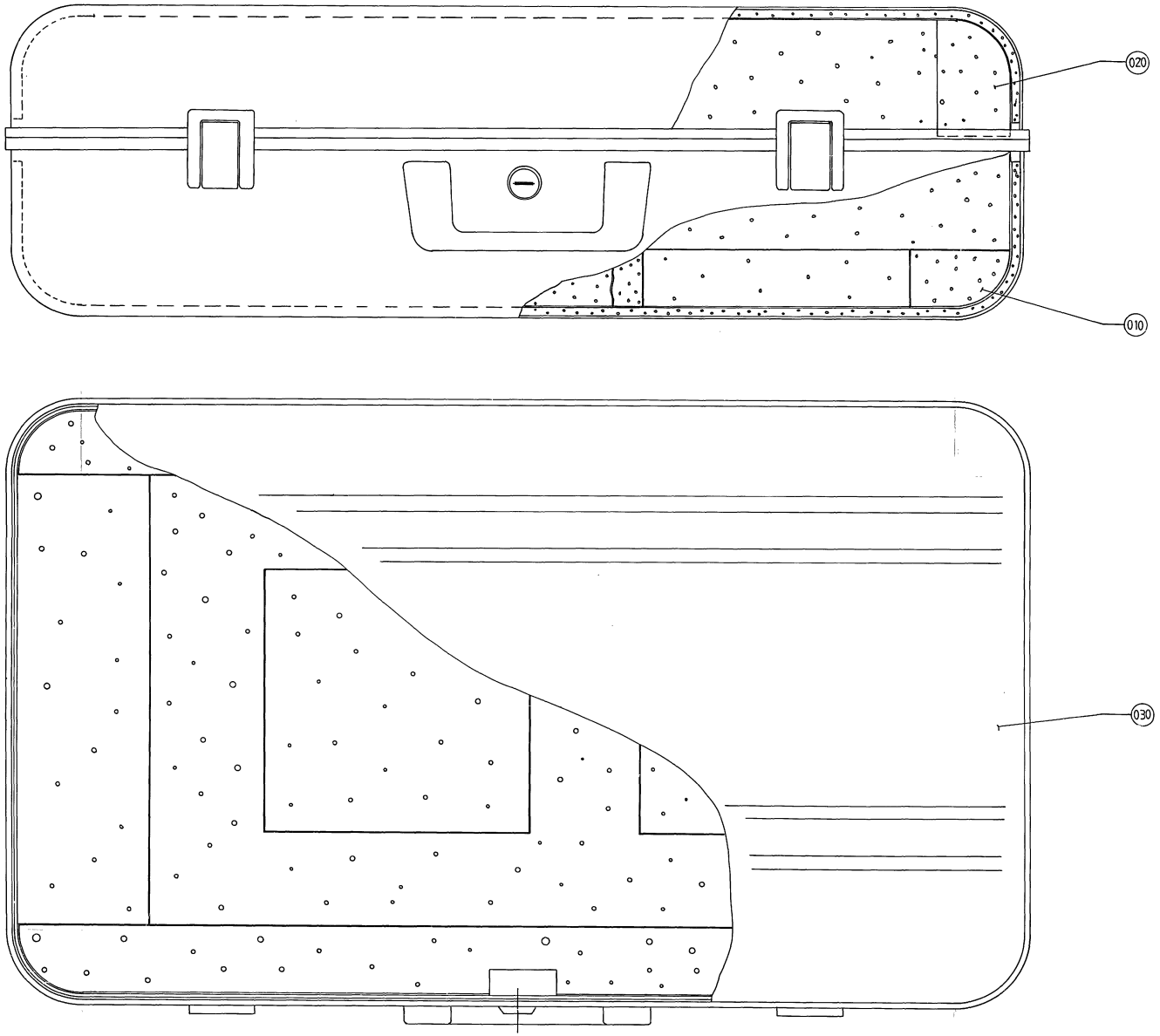
320

ECM: 71889 - 19980924
Group number: 533014-0100
Assembly Drawing: 533014-2_1_AB

This list covers pages from 1172 to 1175

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	533905-0100	-		1	PONCH	**1177**
010	532676-0000	-		1	SHEET	
015	533015-0000	-		1	WIRING DIAGRAM	
020	1360399-0000	-		4	PIPE HOLDER	
025	493735-0000	-		1	NIPPLE	
030	532677-0000	-		1	PIPE	
040	532678-0000	-		1	DOWEL	
050	532679-0000	-		1	PLATE	
060	90030-0223	-		1	BUSHING, INT/EXT. G-THREAD NO. 2531	
070	90030-0224	-		1	NIPPLES, EXT. THREAD, HEXAGON, NO. 2511	
075	90030-0225	-		2	REDUCTION NIPPEL 2531-3/8X1/4	
080	90043-0021	-		1	PRESSURE GAUGE WIEGAND 0-1 BAR 1/8"	
090	90043-0043	-		1	PRESSURE GAUGE WIEGAND 0-10 BAR 1/8"	
100	90113-0059	-		1	FILTER REG. 50UM	
110	90140-0015	-		1	T-PIPE, INT. THREAD, 2003-1/8	
120	90163-0056	-		2	QUICK COUPLING, (F) 5054-6/4	
130	90163-0057	-		1	NIPPLE 1/8" BRASS	
140	90163-0087	-		1	QUICK COUPLING, (M) 5150-1/4	
150	90166-0124	-	MM	1250	TUBE 6 MM PA,TRANSP.	
160	90166-0124	-	MM	1250	TUBE 6 MM PA,TRANSP.	
170	90224-0303	-		2	CONNECTION	
172	90113-0384	-		1	CANTILEVER	
175	90243-0137	-		1	MEASURING INSTRUMENT	
180	90243-0147	-		1	FLOW METER	
190	90330-0029	-		1	PLUG, EXT. G-THREAD, R-236R3/8	
200	312105-0325	-		2	SCREW M6S ISO 4017 M5X10 A480	
210	312105-0383	-		4	SCREW M6S ISO 4014 M6X65 A480	
220	312602-0312	-		1	HEXAGON NUT, EN 24032 M6M M4 NIPLBR	
230	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
240	312605-0316	-		4	HEXAGON NUT, M6M M6 A280	
250	315103-0136	-		1	WASHER PLAIN, BRB, 4,3/8,H=0,8 NI PL BR	
260	315105-0146	-		4	WASHER BRB5,3X10RFR	
270	315105-0153	-		8	WASHER BRB6,4X12RFR	
280	315233-0109	-		2	WASHER CAPTIVE SEALING G1/8	
290	315233-0110	-		1	WASHER CAPTIVE SEALING G1/4	
295	315233-0111	-		2	WASHER CAPTIVE SEALING G3/8	
300	315233-0113	-		2	WASHER CAPTIVE SEALING G1/2	
310	342921-0113	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/8"	
320	342921-0114	-		1	STRAIGHT COUPLING,EXT.THREADED 6/4-G1/4"	
330	342980-0114	-		1	BANJO-CONNECTION,RING 6/4-G1/4"	
340	342980-0314	-		1	BANJO-HOLLOW BOLT COUPL,EXT.THR.02-G1/4"	
350	342701-0201	-		1	BUSHING,INT./EXT.G-THREAD G1/4"-G1/8"	

Machine Type	Group Description	Used-In	Group Number	Page No


020
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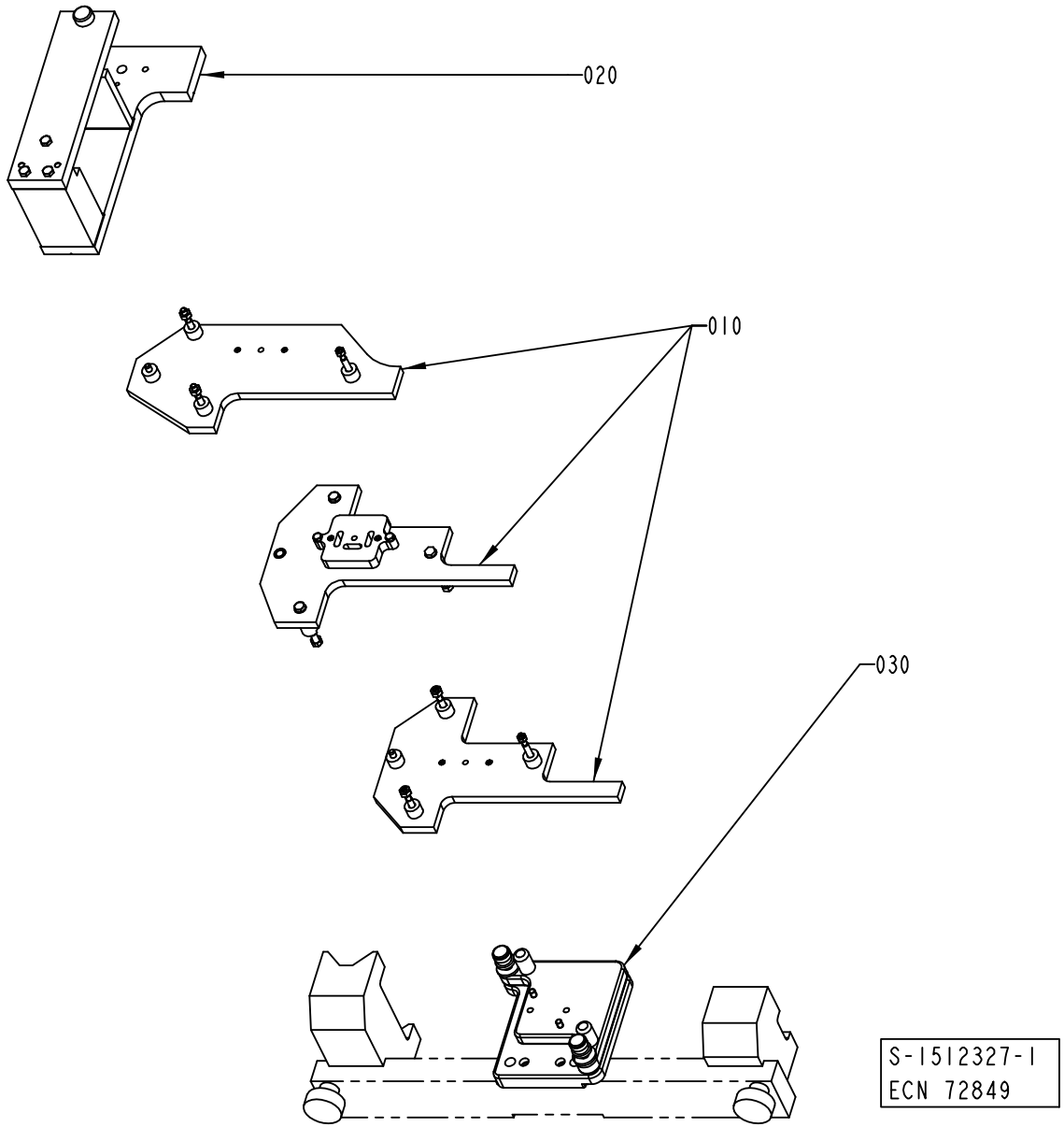
030

ECM: - -
Group number: 533905-0100
Assembly Drawing: 533905-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	533374-0000	-		1	FITMENT BOTTOM	
020	533906-0000	-		1	FITMENT COVER	
030	90243-0118	-		1	TOOL BOX, NO. ZERO 105X-SI	

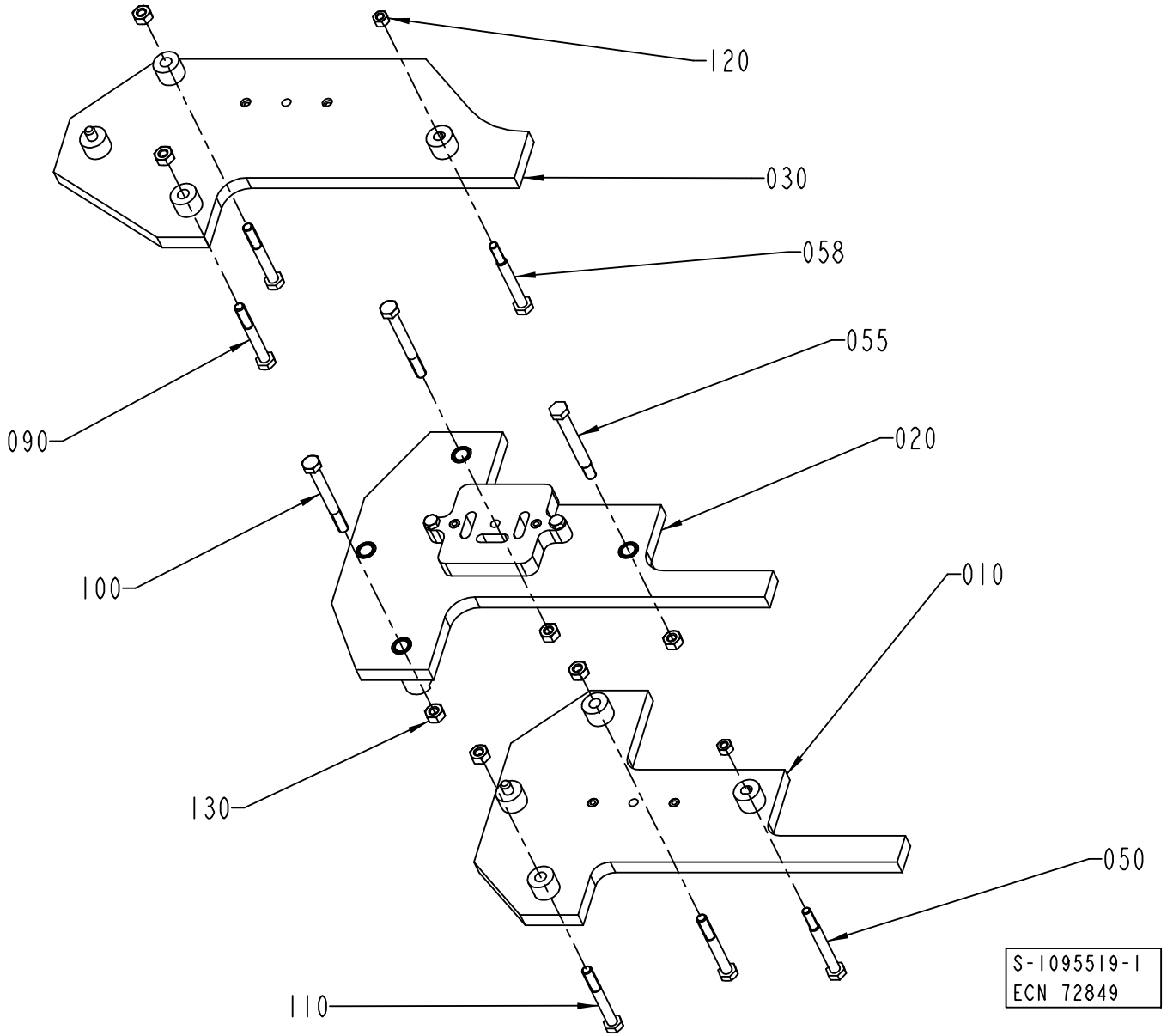
Pos	Part No	SP	UN	Qty	Description	Page No


020
010
030
S-1512327-1
ECN 72849

ECM: 72849 - 19991129
Group number: 1512327-0100
Assembly Drawing: 1512327-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1095519-0100	-		1	TEMPLATE TUBE FORMING	**1181, 1183**
020	1254457-0100	-		1	TEMPLATE LASER-UPPER	**1185**
030	90243-0450	-		1	RIDGE BED	

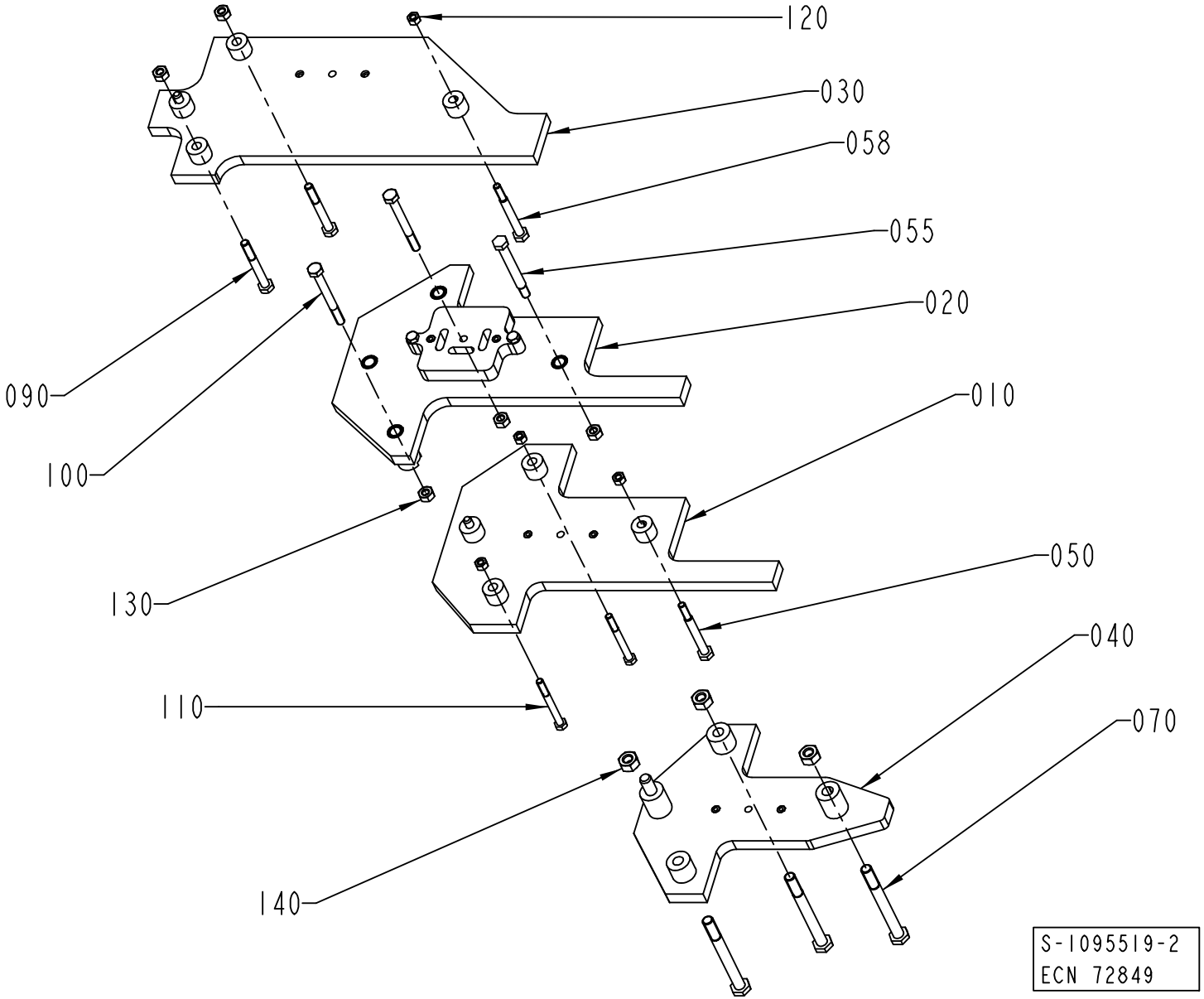
Pos	Part No	SP	UN	Qty	Description	Page No


120
030
058
055
090
020
100
010
130
050
110
S-1095519-1
ECN 72849

ECM: 118997 - 20021217
Group number: 1095519-0100
Assembly Drawing: 1095519-1_1_AD

This list covers pages from 1180 to 1183

Pos	Part No	SP	UN	Qty	Description	Page No
TBA 0200S (See drawing on page: 1180)						
010	1334817-0000	A		1	TEMPLATE TUBE FORMING	
020	1334818-0000	A		1	TEMPLATE TUBE FORMING	
030	1334819-0000	A		1	TEMPLATE	
050	1478592-0000	A		1	SCREW	
055	1478581-0000	A		1	SCREW	
058	1037504-0000	A		1	SCREW	
100	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
110	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
120	312605-0314	-		4	HEXAGON NUT, M6M M5 A280	
130	312605-0316	-		5	HEXAGON NUT, M6M M6 A280	
TBA 0250S (See drawing on page: 1180)						
010	2543239-0000	A		1	TEMPLATE TUBE FORMING	
020	2514209-0000	A		1	TEMPLATE TUBE FORMING	
030	1334819-0000	A		1	TEMPLATE	
050	1478592-0000	A		1	SCREW	
055	1478581-0000	A		1	SCREW	
058	1037504-0000	A		1	SCREW	
100	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
110	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
120	312605-0314	-		4	HEXAGON NUT, M6M M5 A280	
130	312605-0316	-		5	HEXAGON NUT, M6M M6 A280	
TBA 0330S, TBA 0200B, TBA 0250B (See drawing on page: 1180)						
010	1129853-0000	A		1	TEMPLATE TUBE FORMING	
020	1346919-0000	A		1	TEMPLATE TUBE FORMING	
030	1347267-0000	A		1	TEMPLATE TUBE FORMING	
050	1037504-0000	A		1	SCREW	
055	1346082-0000	A		1	SCREW	
058	1478592-0000	A		1	SCREW	
100	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
110	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
120	312605-0314	-		1	HEXAGON NUT, M6M M5 A280	
130	312605-0316	-		8	HEXAGON NUT, M6M M6 A280	
TBA 0500B, TBA 1000B, TBA 1500S (See drawing on page: 1180)						
010	1129851-0000	A		1	TEMPLATE TUBE FORMING	
020	1037469-0000	A		1	TEMPLATE TUBE FORMING	
030	1037470-0000	A		1	TEMPLATE TUBE FORMING	
050	1037504-0000	A		1	SCREW	
055	1478581-0000	A		1	SCREW	
058	1037504-0000	A		1	SCREW	
100	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
110	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
120	312605-0314	-		3	HEXAGON NUT, M6M M5 A280	
130	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
TBA 0500S (See drawing on page: 1180)						
010	1517608-0000	A		1	TEMPLATE TUBE FORMING	
020	1517607-0000	A		1	TEMPLATE TUBE FORMING	
030	1512124-0000	A		1	TEMPLATE	
050	1037504-0000	A		1	SCREW	
055	1478581-0000	A		1	SCREW	
058	1037504-0000	A		1	SCREW	
100	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
110	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
120	312605-0314	-		3	HEXAGON NUT, M6M M5 A280	
130	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
TBA 1000S, TBA 1000SQ (See drawing on page: 1180)						
010	1129854-0000	A		1	TEMPLATE TUBE FORMING	
020	1040961-0000	A		1	TEMPLATE	
030	1040960-0000	A		1	TEMPLATE	
050	1037504-0000	A		1	SCREW	
055	1346082-0000	A		1	SCREW	
058	1037504-0000	A		1	SCREW	
100	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
110	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
120	312605-0314	-		4	HEXAGON NUT, M6M M5 A280	
130	312605-0316	-		7	HEXAGON NUT, M6M M6 A280	
TPA 0250SQ (See drawing on page: 1180)						
010	1334817-0000	A		1	TEMPLATE TUBE FORMING	
020	2514209-0000	A		1	TEMPLATE TUBE FORMING	
030	1334819-0000	A		1	TEMPLATE	
050	1478592-0000	A		1	SCREW	
055	1478581-0000	A		1	SCREW	
058	1037504-0000	A		1	SCREW	
100	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
110	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
120	312605-0314	-		4	HEXAGON NUT, M6M M5 A280	
130	312605-0316	-		5	HEXAGON NUT, M6M M6 A280	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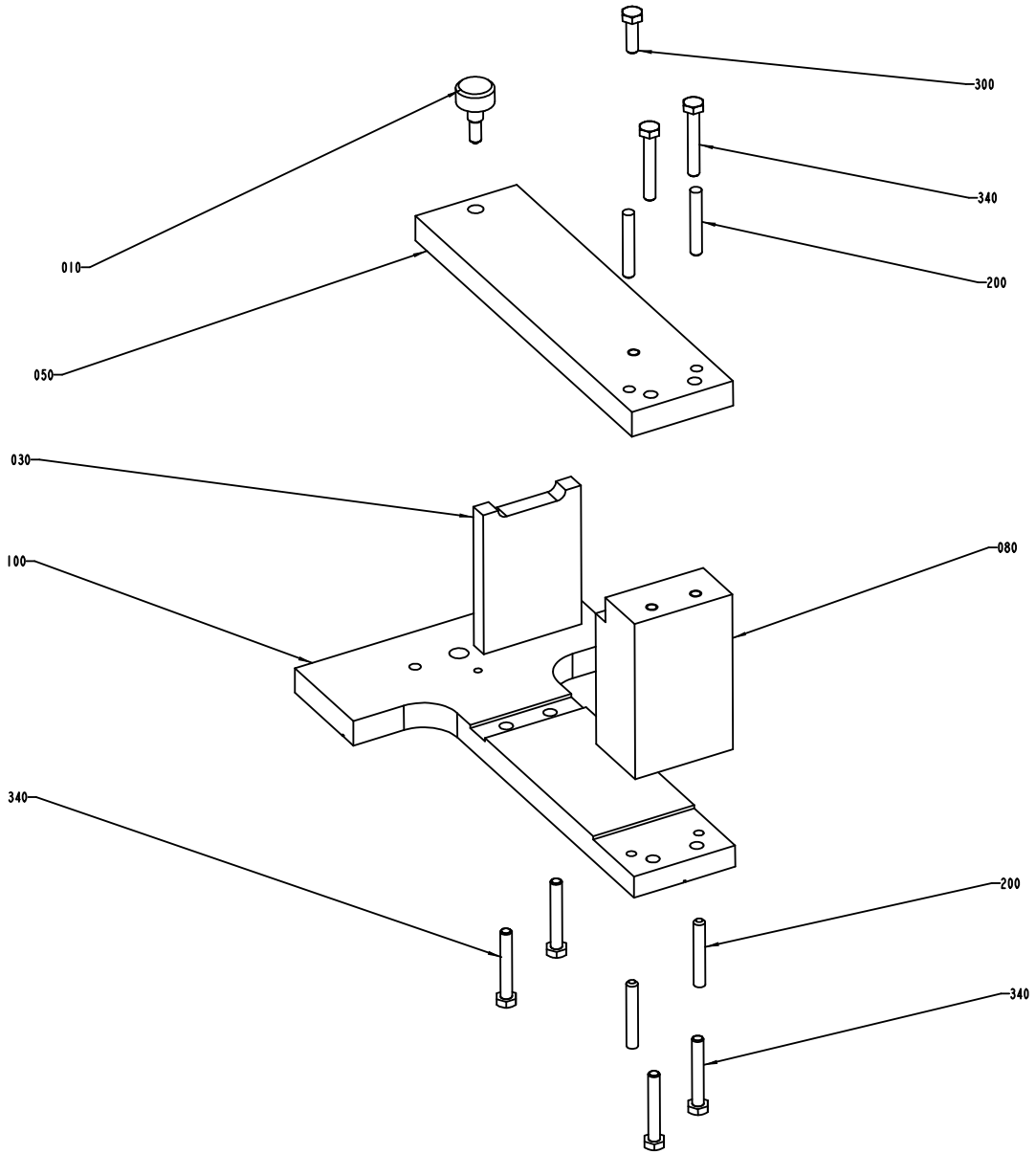
S-1095519-2
ECN 72849

ECM: 118997 - 20021217
Group number: 1095519-0100
Assembly Drawing: 1095519-2_1_AB

This list covers pages from 1180 to 1183

Pos	Part No	SP	UN	Qty	Description	Page No
TPA 0330SQ (Cont'd) (See drawing on page: 1180)						
010	1129853-0000	A		1	TEMPLATE TUBE FORMING	
020	1532993-0000	A		1	TEMPLATE TUBE FORMING	
030	1347267-0000	A		1	TEMPLATE TUBE FORMING	
050	1037504-0000	A		1	SCREW	
055	1478581-0000	A		1	SCREW	
058	1478592-0000	A		1	SCREW	
100	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
110	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
120	312605-0314	-		1	HEXAGON NUT, M6M M5 A280	
130	312605-0316	-		8	HEXAGON NUT, M6M M6 A280	
TPA 0500SQ (See drawing on page: 1180)						
010	1129853-0000	A		1	TEMPLATE TUBE FORMING	
020	2564351-0000	A		1	TEMPLATE TUBE FORMING	
030	2503691-0000	A		1	TEMPLATE	
050	1037504-0000	A		1	SCREW	
055	2540858-0000	A		1	SCREW	
058	1037504-0000	A		1	SCREW	
100	312105-0383	-		2	SCREW M6S ISO 4014 M6X65 A480	
110	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
120	312605-0314	-		2	HEXAGON NUT, M6M M5 A280	
130	312605-0316	-		7	HEXAGON NUT, M6M M6 A280	
TPA 1000S (See drawing on page: 1182)						
010	1347203-0000	A		1	TEMPLATE	
020	1347204-0000	A		1	TEMPLATE	
030	1347205-0000	A		1	TEMPLATE	
040	1348969-0000	A		1	TEMPLATE	
050	1037504-0000	A		1	SCREW	
055	1346082-0000	A		1	SCREW	
058	1037504-0000	A		1	SCREW	
070	1348971-0000	A		3	SCREW	
100	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
110	312105-0341	-		2	SCREW M6S ISO 4014 M5X50 A480	
130	312605-0316	-		5	HEXAGON NUT, M6M M6 A280	
140	312605-0318	-		3	HEXAGON NUT, M6M M8 A280	
TPA 1000SQ (See drawing on page: 1180)						
010	1538216-0000	A		1	TEMPLATE	
020	1538215-0000	A		1	TEMPLATE	
030	1538213-0000	A		1	TEMPLATE	
050	1037504-0000	A		1	SCREW	
055	2540858-0000	A		1	SCREW	
058	1037504-0000	A		1	SCREW	
100	312105-0382	-		2	SCREW M6S ISO 4014 M6X60 A480	
110	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	
120	312605-0314	-		3	HEXAGON NUT, M6M M5 A280	
130	312605-0316	-		6	HEXAGON NUT, M6M M6 A280	
Common Parts						
090	312105-0380	-		2	SCREW M6S ISO 4014 M6X50 A480	

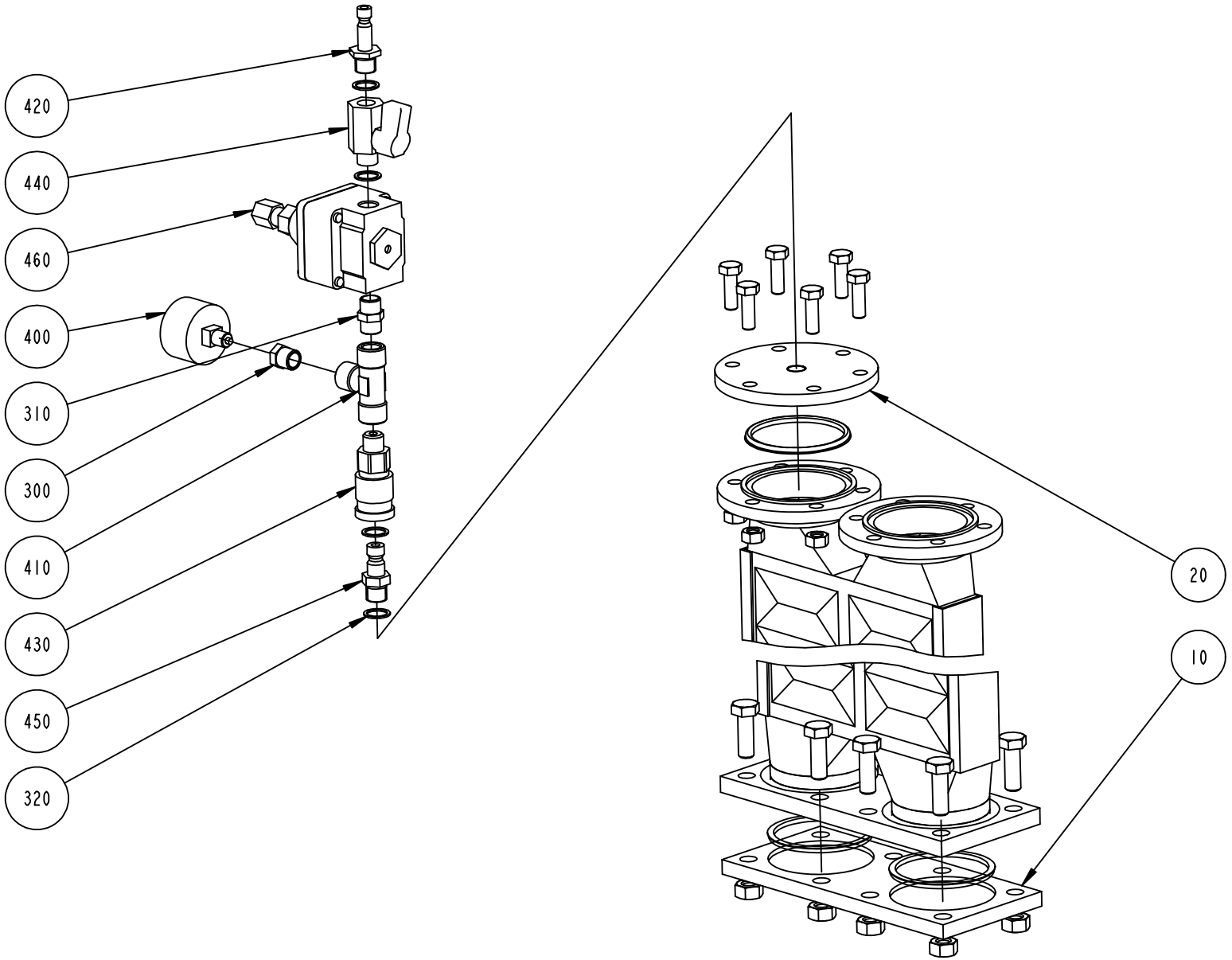
Machine Type | Group Description | Used-In | Group Number | Page No


300
340
200
010
050
030
100
080
340
200
340

ECM: 71036 - 19970926
Group number: 1254457-0100
Assembly Drawing: 1254457-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1037835-0000	C		1	SCREW	
030	1254461-0000	C		1	BRACKET	
050	1254459-0000	C		1	BRACKET	
080	1254460-0000	C		1	BRACKET	
100	1254458-0000	C		1	BRACKET	
200	311103-0361	-		4	PARALLELL PIN ISO2338 6X40 A1	
300	312105-0370	-		1	SCREW M6S ISO 4017 M6X20 A480	
340	312109-0378	-		6	SCREW M6S ISO4017 M6X40 A480	

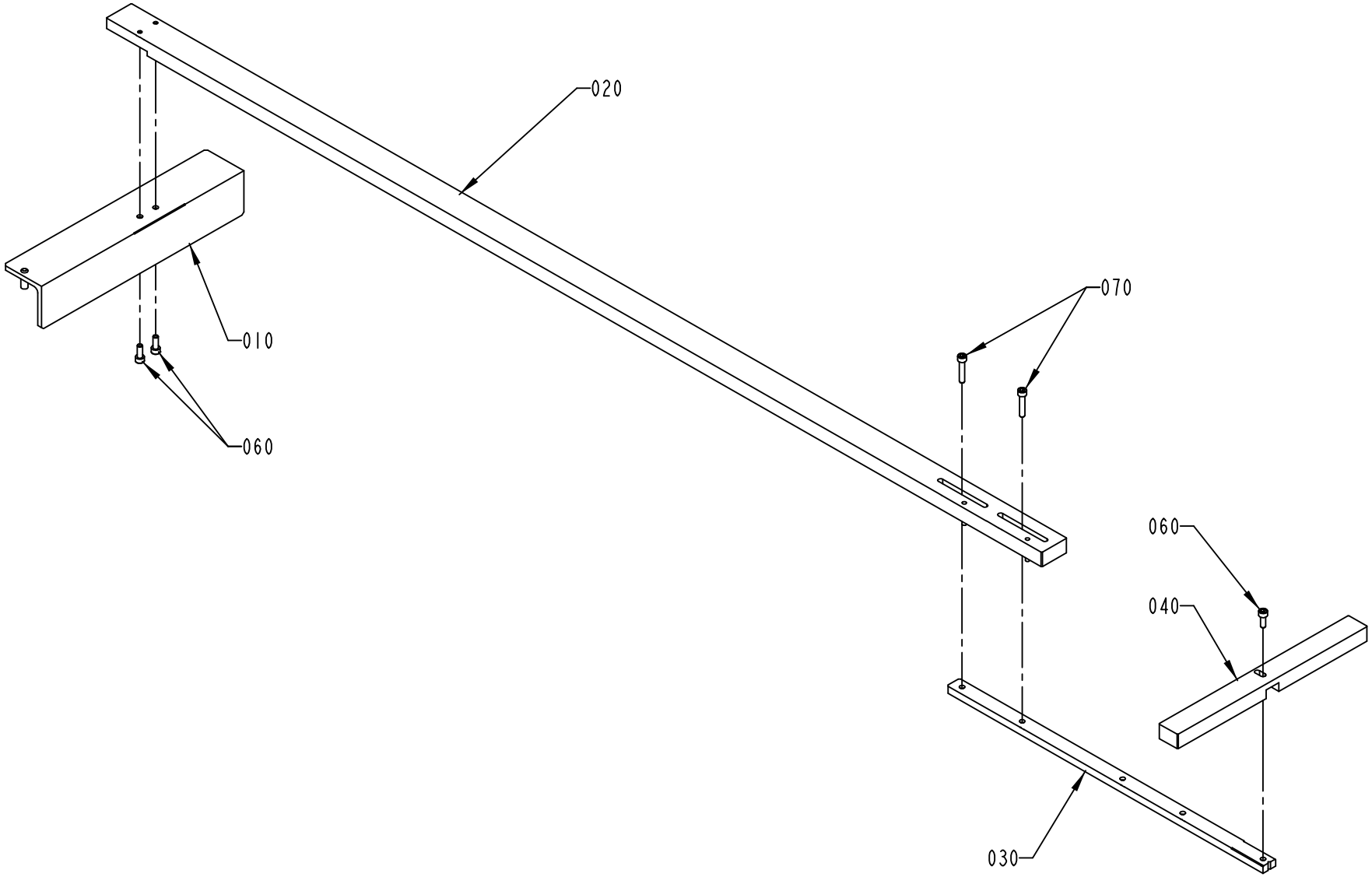
Pos	Part No	SP	UN	Qty	Description	Page No


420
440
460
400
310
300
410
430
450
320
20
10

ECM: 71511 - 19981102
Group number: 1349738-0100
Assembly Drawing: 1349738-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1348263-0000	-		1	FLANGE	
020	979951-0000	-		1	FLANGE	
300	342701-0201	-		1	BUSHING,INT./EXT.G-THREAD G1/4"-G1/8"	
310	342700-0110	-		1	NIPPLES,HEXAGON,EXT.G-THREAD G1/4"-G1/4"	
320	315233-0110	-		4	WASHER CAPTIVE SEALING G1/4	
400	90043-0021	-		1	PRESSURE GAUGE WIEGAND 0-1 BAR 1/8"	
410	90140-0018	-		1	T-PIPE, INT. THREAD, 2003-1/4	
420	90163-0007	-		1	CONNECTION	
430	90163-0016	-		1	QUICK COUPLING, (F) LP 006-0-WR013	
440	90187-0045	-		1	BALL VALVE G1/4 CR PL	
450	90163-0113	-		1	QUICK COUPLING, (M) LP-006-1-WR013-22	
460	90113-0056	-		1	REGULATOR	
500	567372-0000	-		1	INSTRUCTION FOR USE	

Pos	Part No	SP	UN	Qty	Description	Page No

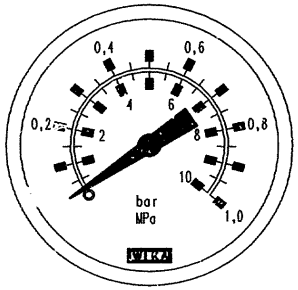


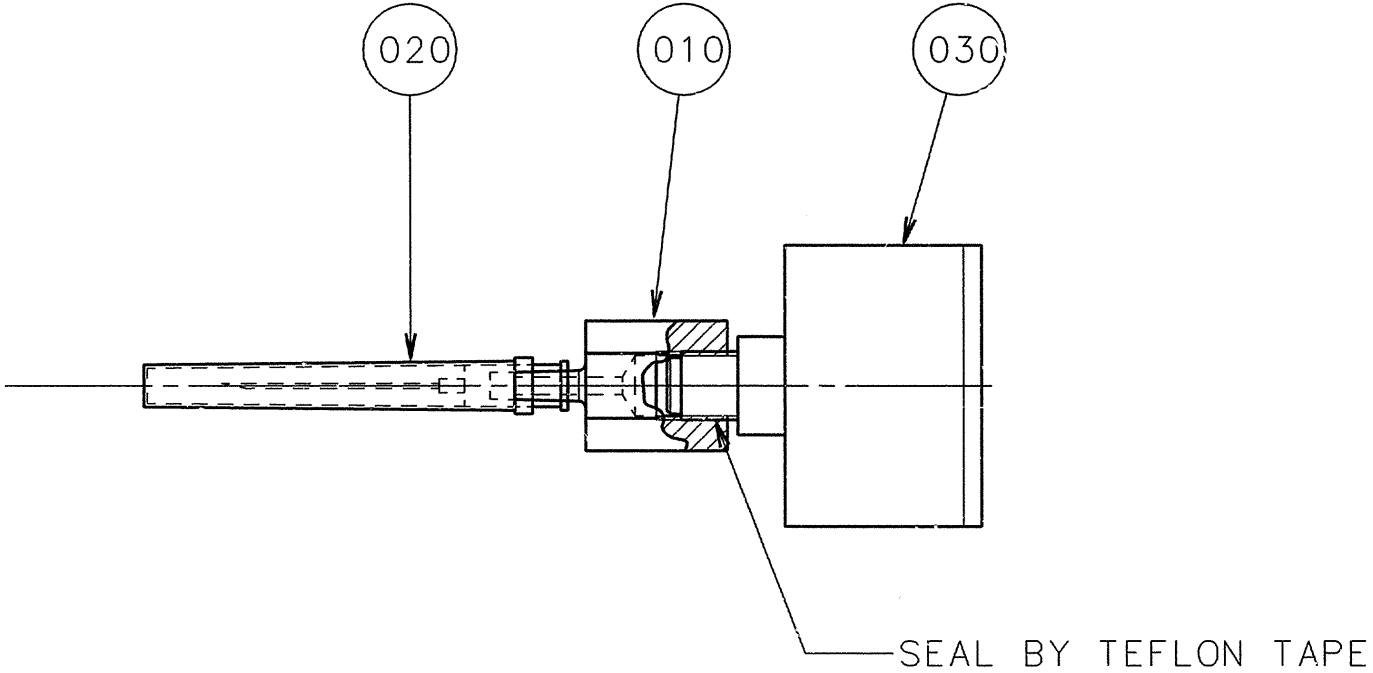
S-1348492-1
ECN 73139

ECM: 72849 - 19991129
Group number: 1348492-0100
Assembly Drawing: 1348492-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1348493-0000	-		1	TEMPLATE	
020	1348494-0000	-		1	TEMPLATE	
030	1348908-0000	-		1	GUIDE	
040	1348910-0000	-		1	PARALLEL PIN	
060	312115-0368	-		3	SCREW ISO4762 M6X16 A4	
070	312115-0374	-		2	SCREW ISO4762 M6X30 A4	

Pos	Part No	SP	UN	Qty	Description	Page No

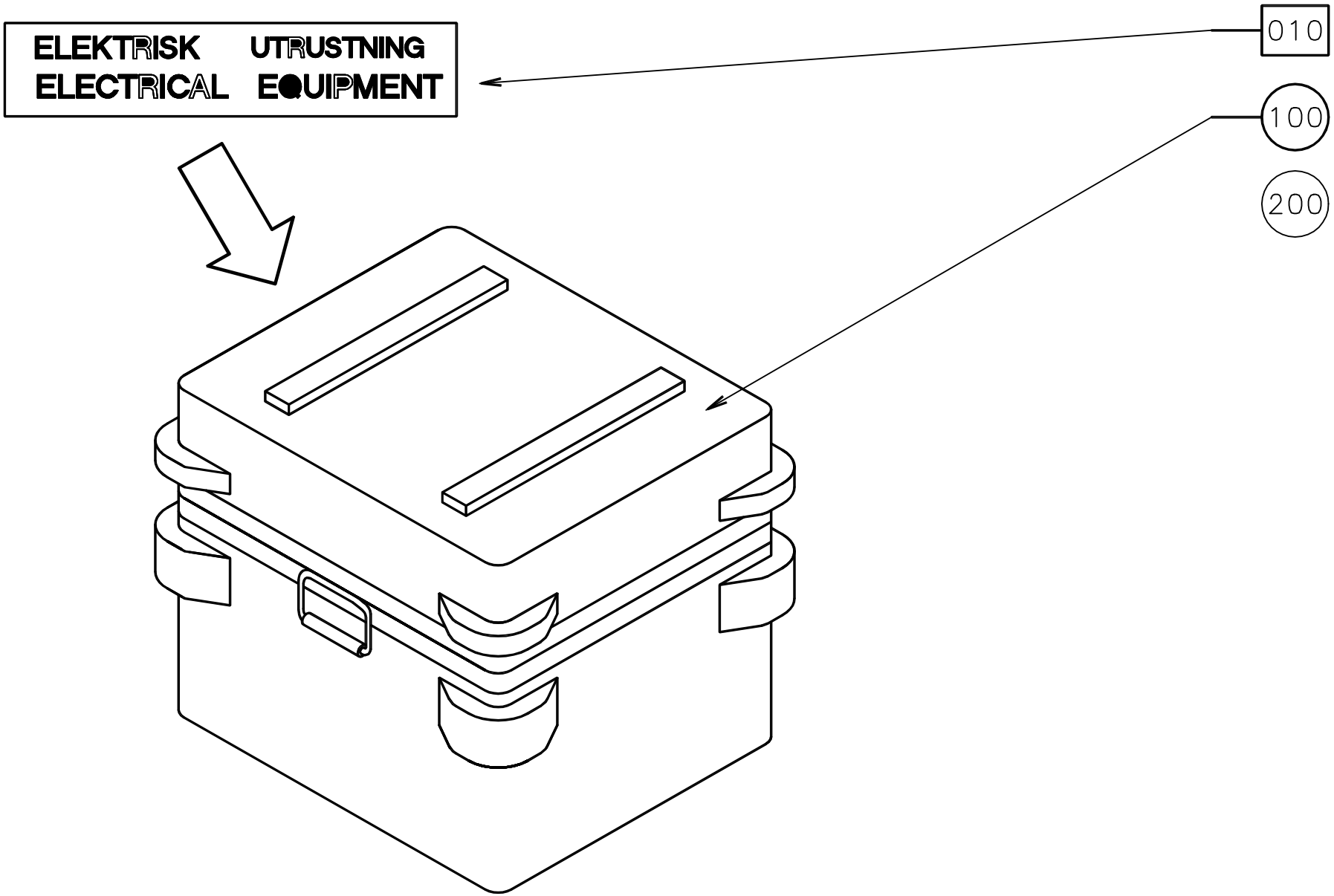

0,1
0,2
0,4
0,6
0,8
1,0
2
4
6
8
10
bar
MPa
WIKA


020
010
030
SEAL BY TEFLON TAPE

ECM: 110000 - 20030514
Group number: 1478583-0100
Assembly Drawing: 1478583-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	1478584-0000	B		1	NIPPLE	
020	1478585-0000	B		1	NEEDLE	
030	90043-0043	B		1	PRESSURE GAUGE WIEGAND 0-10 BAR 1/8"	

Pos	Part No	SP	UN	Qty	Description	Page No


ELEKTRISK UTRUSTNING
ELECTRICAL EQUIPMENT
010
100
200

ECM: 71120 - 19971013
Group number: 567732-0100
Assembly Drawing: 567732-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	557793-0100	-		1	CALIBRATION EQUIPMENT	**1195**
100	555568-0000	-		1	PONCH	
200	567745-0000	-		1	PACKING DESCRIPTION	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

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ECM: 71120 - 19971013
Group number: 557793-0100
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
0001	90326-0308	D		1	THERMOCOUPLE CABLE FOR CE-557793/MALE 5M	
0002	90326-0309	D		1	THERMOCOUPLE CABLE FOR CE-557793/FEMALE	
0003	90194-0113	D		1	ADHESIVE LABEL, CALIBRATED & DATE	
0004	90194-0109	D		1	SIGN, TRANSP. OH-FOLIE, BLANC	
0005	90243-0208	-		1	SCREWDRIVER	
0006	90220-0077	D		1	CABLE, POWER SUPPLY, RKK 3X0,75 2M	
A001	90410-0337	D		1	CALIBRATION INSTRUMENT 5100071-001	
A001:1	90326-0312	D		3	HOUSE, 5103050-000	
A001:2	90326-0311	D		1	HOUSE, 5103053-000	
A002	90410-0338	D		1	PORTABLE INDICATOR, MICROMITE II	
A002:1	90410-0340	D		1	AC-ADAPTER 5100072-002	
A003	90243-0099	D		1	ANALOG/DIGITAL MULTIMETER 175	
A003:1	90220-0080	D		1	CONNECTOR WITH GRAB HOOK,4 MM BLACK	
A003:2	90220-0081	D		1	CONNECTOR WITH GRAB HOOK,4 MM RED	
A003:3	90220-0078	D		1	CABLE, LABORATORY FLEX, 1X1,5 1M RED	
A003:4	90220-0079	D		1	CABLE, LABORATORY FLEX, 1X1,5 1M BLACK	
A004	90410-0339	D		1	ADAPTER FOR TEMP.REGULATOR, 101	
A005	567733-0101	D		1	ADAPTER	
010	*567731-0000*	-		*1*	*ADAPTER*	
070	*351179-0102*	-	*M*	*2*	*CABLE AWM 1X075 MM2 BLACK*	
080	*353012-0010*	-		*1*	*MALE PLUG*	
090	*353012-0011*	-		*1*	*SOCKET*	
150	*90194-0016*	-		*2*	*WARNING SIGN, RISK OF ELECTRIC SHOCK*	
A006	557826-0101	D		1	TEMPERATURE REG. ADAPTER	
110	*90129-0014*	-		*1*	*CARD HOLDER, SCHROFF 20800-213*	
120	*570127-0000*	-		*1*	*PROTECTION*	
130	*570128-0000*	-		*1*	*PROTECTION*	
140	*90287-0221*	-		*6*	*SCREW PAN HEAD MCS M2,5X16*	
150	*90099-0050*	-		*6*	*HEXAGON NUT, M2, 5*	
160	*90316-0002*	-		*12*	*SPACER, 2,65/5X4*	
170	*557063-0100*	-		*1*	*TEMP.REG.ADAPT: MAIN CARD*	
A007	90326-0310	D		1	THERMOCOUPLE, 5130020-000	
A008	90326-0310	D		1	THERMOCOUPLE, 5130020-000	

Pos	Part No	SP	UN	Qty	Description	Page No

Machine Type | Group Description | Used-In | Group Number | Page No

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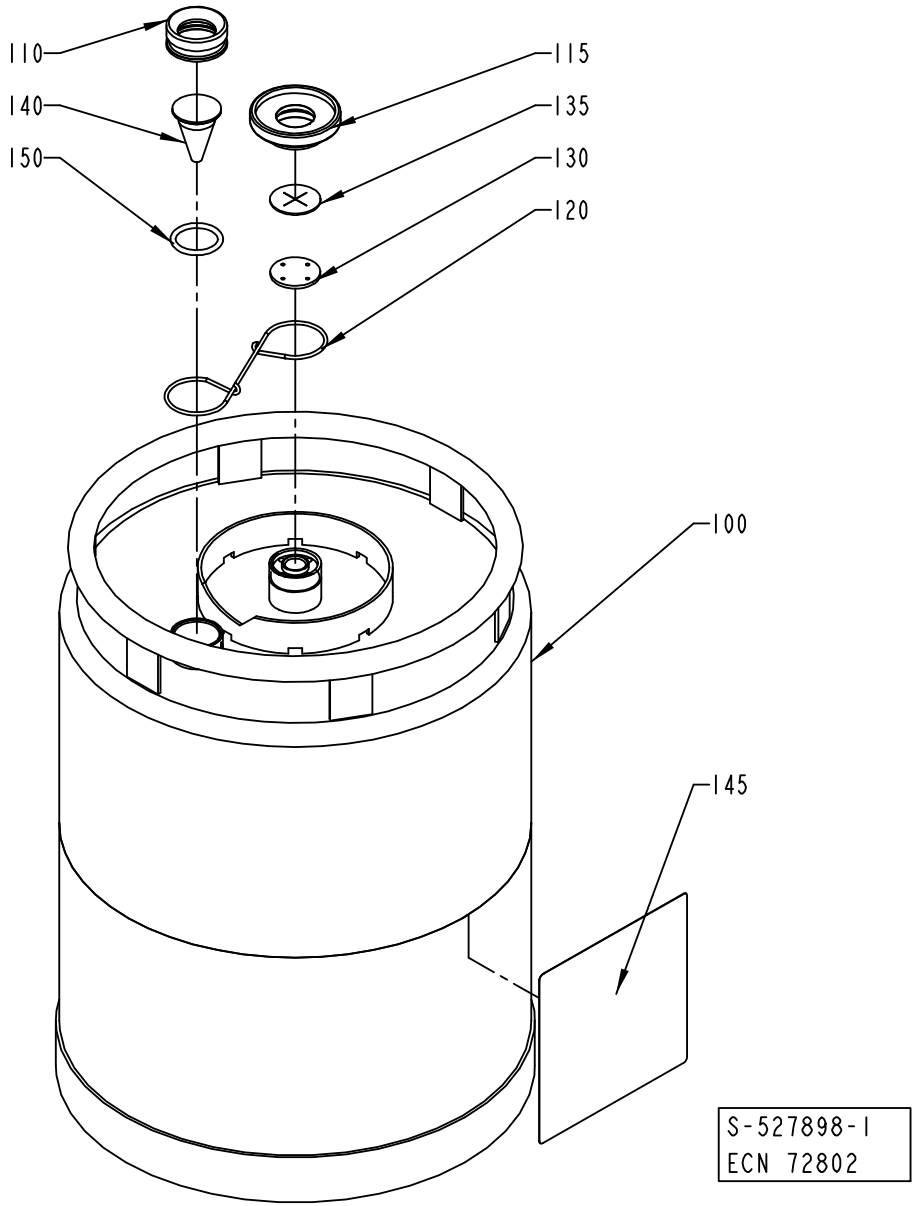
ECM: 127960 - 20030513
Group number: 575183-0500
Assembly Drawing:

Pos	Part No	SP	UN	Qty	Description	Page No
-						
0210	527898-0100	-		1	CONTAINER H2O2	**425, 1199**
0220	529345-0100	-		1	FILLING STATION H2O2	**1201**
0230	532210-0100	-		1	PEROXIDE CONTAINER TROLLEY	**1203**
0240	2514392-0100	-		1	MACHINE CARRIAGE	**1205**
0250	90048-0022	-		1	MANUAL PUMP INCL. BARROW 50-60 L	
	90048-0448	-		*1*	*REPAIR KIT*	
0260	1520633-0002	-		1	DOLLY	
1300	1035201-0100	-		2	PAPER REEL HOLDER	**1209**
1310	1282762-0100	-		1	TROLLEY	**1211**
1710	90226-0004	-		1	CABINET	
1720	90245-0024	-		1	MATCHING TRANSF. 65 KVA	
2100	1185025-0100	-		1	LIFTING EQUIPMENT	**1217**
2110	1190009-0200	-		1	TPOP OFF-LINE ANALYSIS	**1219**
2120	90427-0014	-		1	INK JET PRINTER A300 STD 3M CONDUIT	

Pos	Part No	SP	UN	Qty	Description	Page No

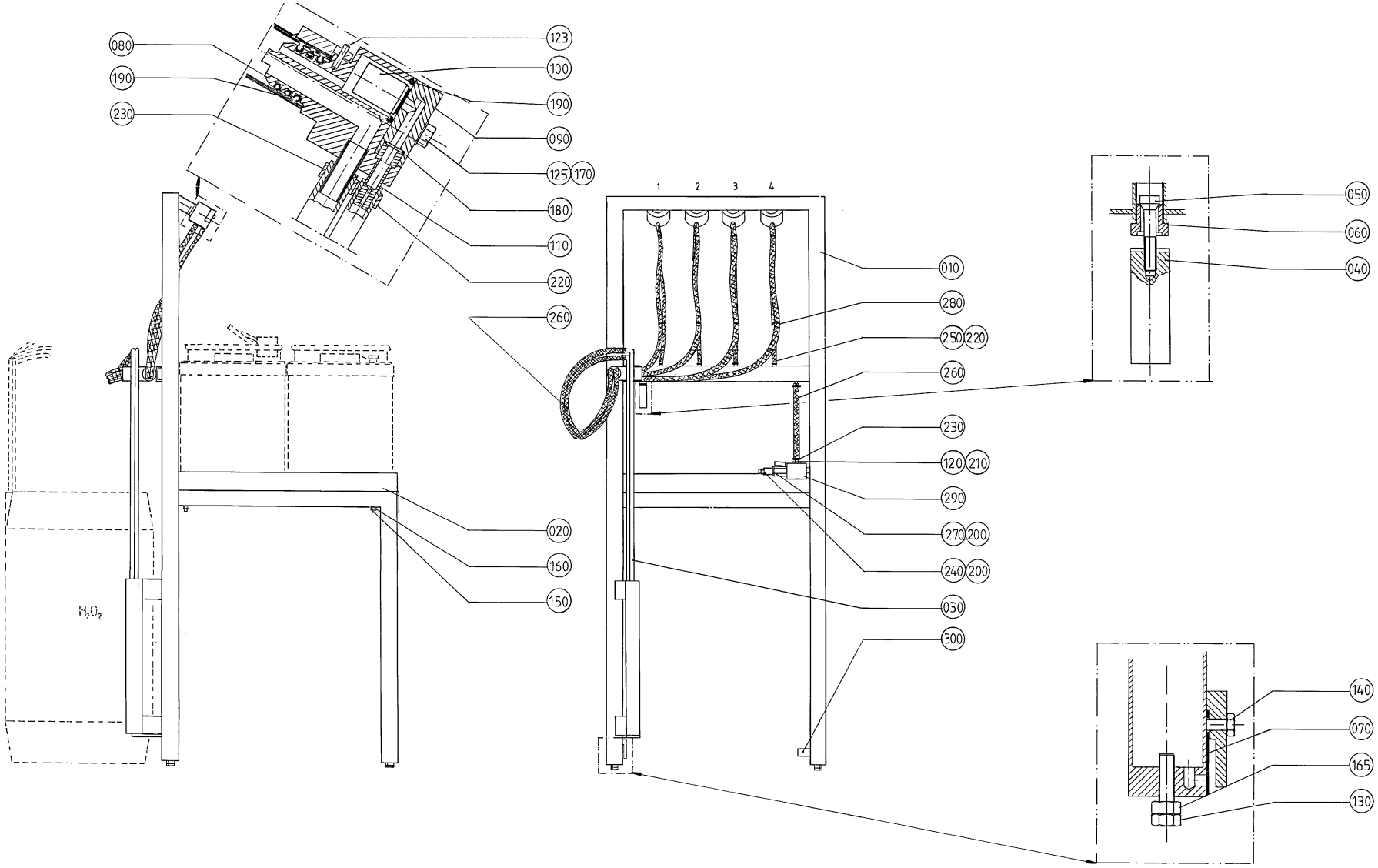
Machine Type | Group Description | Used-In | Group Number | Page No


110
140
150
115
135
130
120
100
145
S-527898-1
ECN 72802

ECM: 115873 - 20020930
Group number: 527898-0100
Assembly Drawing: 527898-1_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
100	561427-0000	-		1	CONTAINER	
110	273977-0000	-		1	NUT	
115	273996-0000	-		1	NUT	
120	273980-0000	-		1	SPRING	
130	565250-0000	B		1	WASHER	
135	565251-0000	B		1	VALVE	
140	273978-0000	-		1	LEVEL GLASS	
145	532655-0000	A		1	CAUTION SIGN	
150	927422-0003	B		1	O.RING 24.2X3 SILICON	

Pos	Part No	SP	UN	Qty	Description	Page No


080
190
230
123
100
190
090
125
170
180
110
220
260
1
2
3
4
010
280
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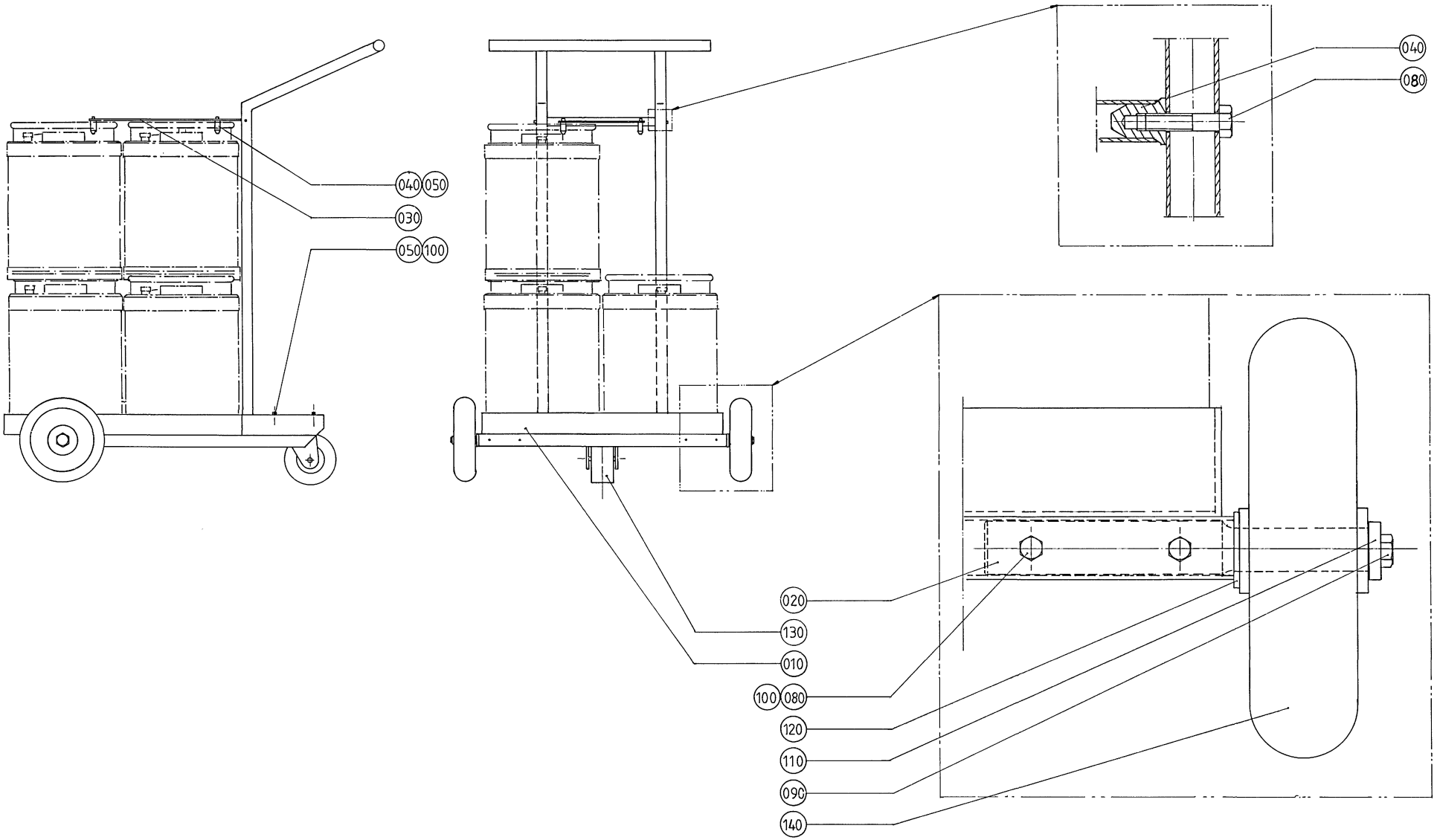
220
260
230
120
210
290
270
200
240
200
030
300
050
060
040
020
160
150
H_2O_2
140
070
165
130

ECM: - -
Group number: 529345-0100
Assembly Drawing: 529345-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	534692-0000	-		1	FRAME SECTION	
020	534693-0000	-		1	PLATE	
030	534694-0000	-		1	SUCTIONPIPE	
040	534695-0000	-		1	WEIGHT	
050	534696-0000	-		1	VALVE	
060	534697-0000	-		1	VALVE HOUSING	
070	534691-0000	-		1	DIAPHRAGM	
080	534637-0000	-		4	ATTACHMENT	
090	534636-0000	-		4	LEVEL GLASS	
100	534635-0000	-		4	VALVE	
110	534634-0000	-		4	PIPE	
120	534698-0000	-		1	NIPPLE	
123	311103-0235	-		1	PARALLELL PIN ISO2338 3X14	
125	312105-0374	-		8	SCREW M6S ISO 4014 M6X30 A480	
130	312105-0455	-		4	SCREW M6S ISO 4017 M8X30 A480	
140	312125-0327	-		1	SCREW PAN HEAD MCS M5X12 SS	
150	312145-0380	-		4	SCREW COUNTERS.SLOT.HD. MFS 6X50 SS	
160	312812-0316	-		4	HEXAGON NUT, NY-LOCK M6 A480	
165	312605-0318	-		4	HEXAGON NUT, M6M M8 A280	
170	315105-0153	-		8	WASHER BRB6,4X12RFR	
180	927421-0005	-		4	O-RING 7.3X2.4 SILICON	
190	927422-0001	-		16	O-RING 19.2X3 SILICON	
200	315233-0110	-		2	WASHER CAPTIVE SEALING G1/4	
210	315233-0113	-		2	WASHER CAPTIVE SEALING G1/2	
220	342991-0100	-		8	HOSE CLIP,WORM DRIVE TYPE 10-13	
230	342991-0101	-		10	HOSE CLIP,WORM DRIVE TYPE (13)-16	
240	90163-0007	-		1	CONNECTION	
250	90166-0045	-	MM	3500	HOSE PVC TRANSP. 6/12	
260	90166-0113	-	MM	7500	HOSE	
270	90187-0045	-		1	BALL VALVE G1/4 CR PL	
280	352113-0102	-		30	CLIP-STRIP, BLACK 188X4,8 MM	
290	90425-0016	-		1	MECMAN TYPE E120 735-120-000	
300	90328-0025	-		1	SILENCER G1/2	

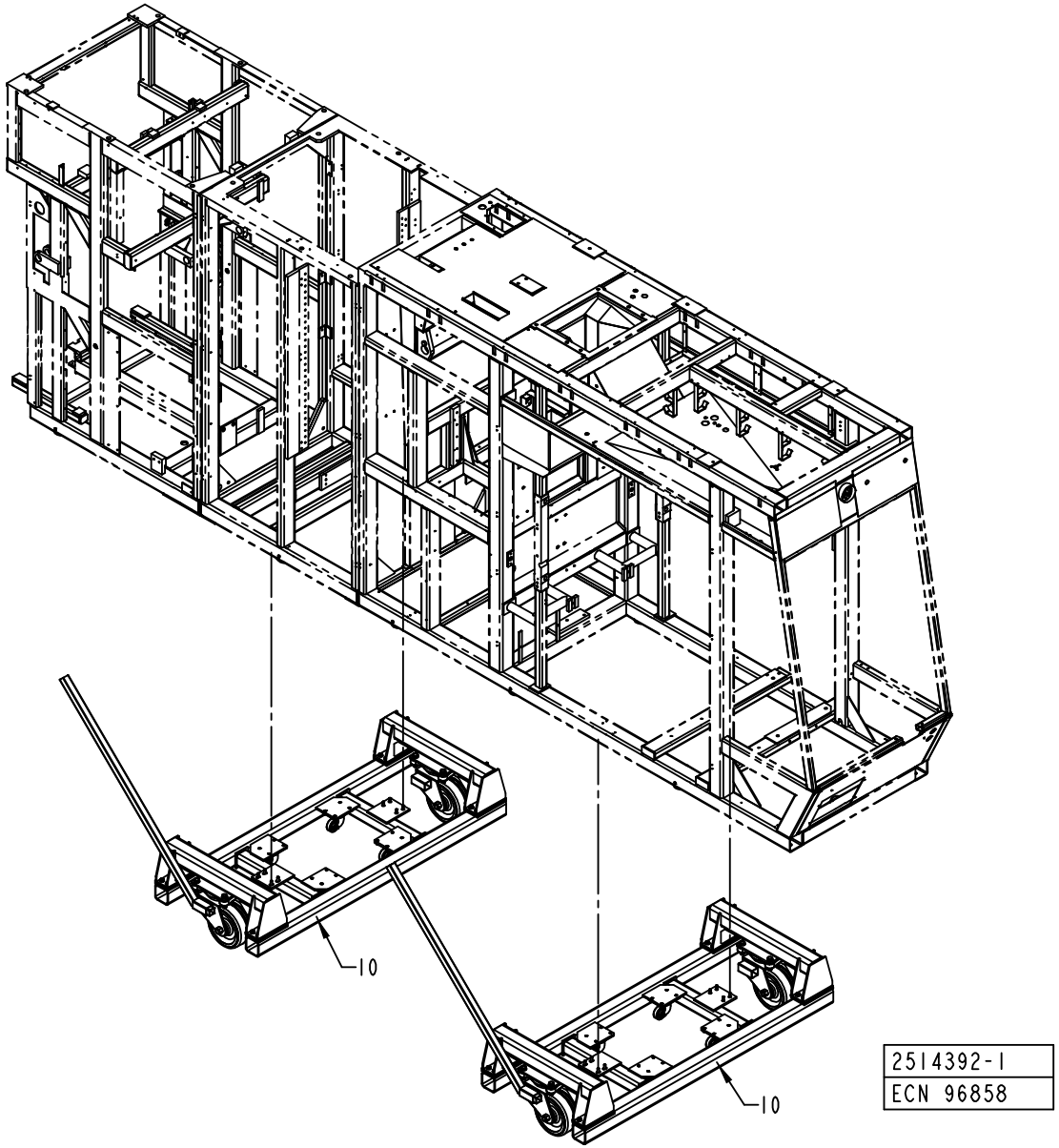
Pos	Part No	SP	UN	Qty	Description	Page No


040
050
030
050
100
040
080
020
130
010
100
080
120
110
090
140

ECM: - -
Group number: 532210-0100
Assembly Drawing: 532210-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	273985-0000	-		1	CARRIAGE	
020	532208-0000	-		2	SHAFT	
030	532209-0000	-		1	SHEET	
040	532211-0000	-		6	DOWEL	
050	312105-0449	-		8	SCREW M6S ISO 4017 M8X16 A480	
080	312105-0459	-		6	SCREW M6S ISO 4014 M8X40 A480	
090	312105-0491	-		2	SCREW M6S ISO 4017 M10X20 A480	
100	312605-0318	-		4	HEXAGON NUT, M6M M8 A280	
110	315115-0173	-		2	WASHER PLAIN, TBRB 10,5/22 H=4	
120	315105-0192	-		2	WASHER BRB21X36RFR	
130	90191-0060	-		1	CASTOR WHEEL, NO. 1599PRT	
140	90191-0047	-		2	WHEEL, NO. 442-200-113	

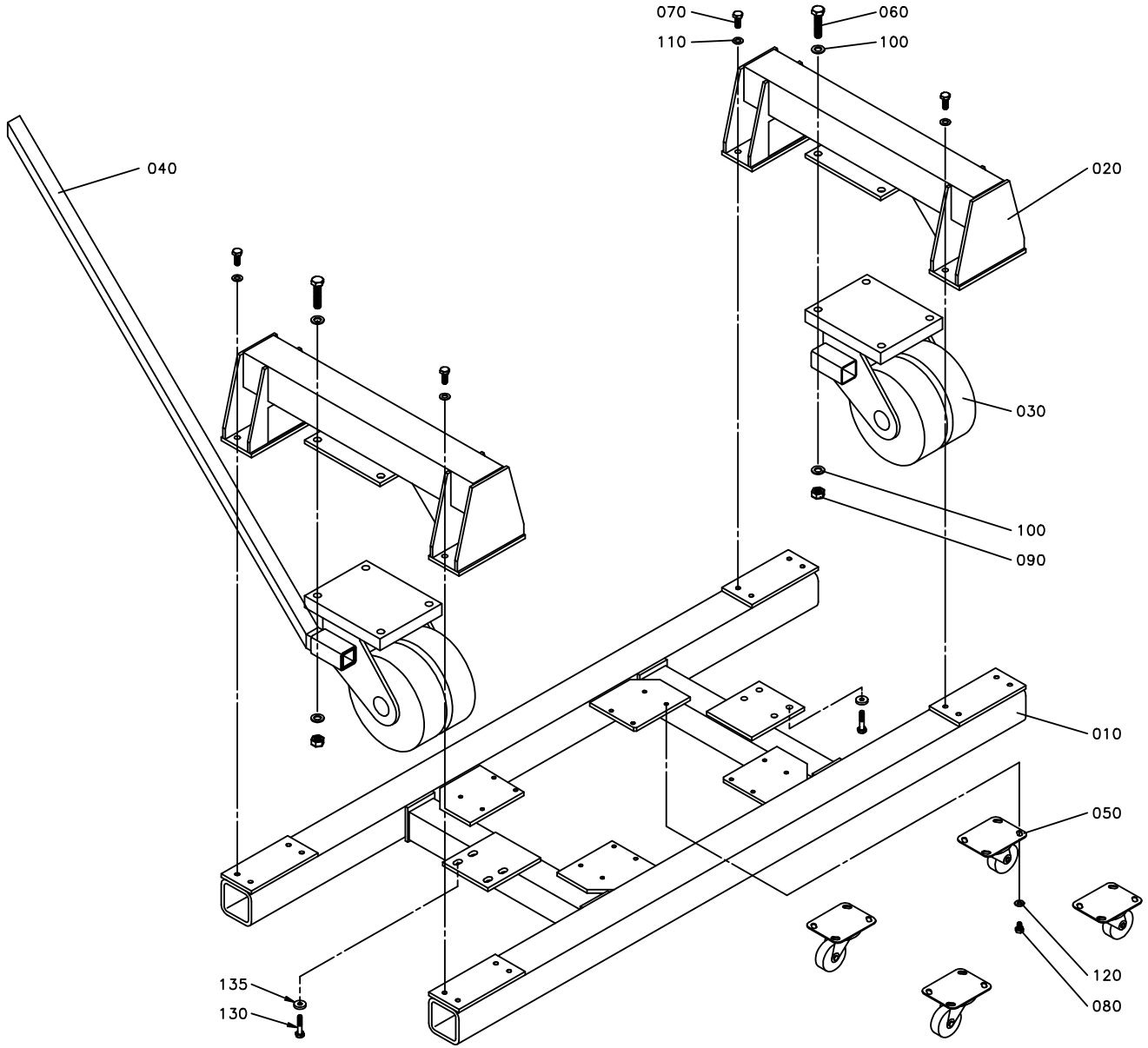
Pos	Part No	SP	UN	Qty	Description	Page No


10
10
2514392-1
ECN 96858

ECM: 96863 - 20010830
Group number: 2514392-0100
Assembly Drawing: 2514392-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
0010	582526-0100	-		2	CARRIAGE	**1207**

Pos	Part No	SP	UN	Qty	Description	Page No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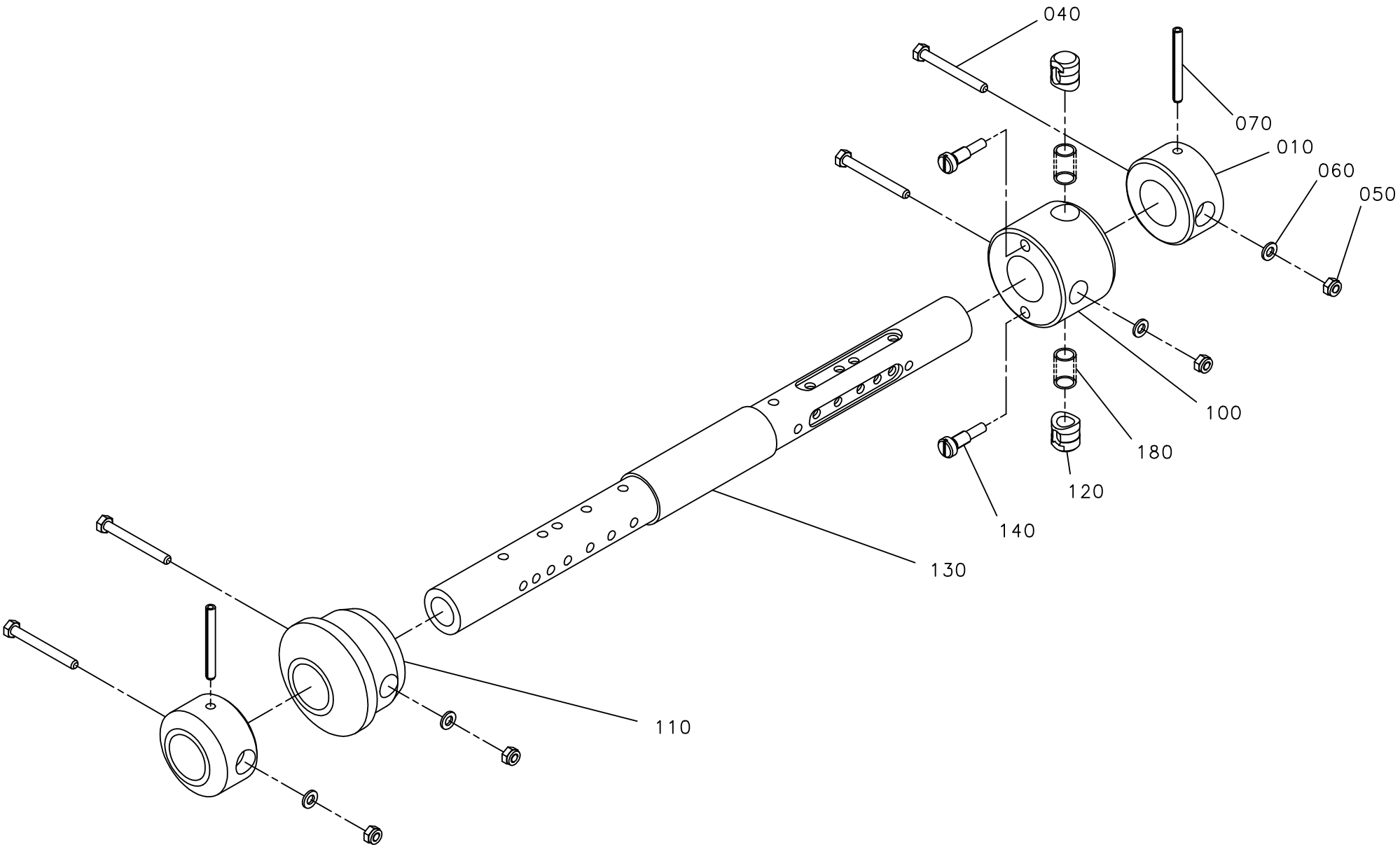
110
060
100
040
020
030
100
090
010
050
120
080
135
130

ECM: 96864 - 20010830
Group number: 582526-0100
Assembly Drawing: 582526-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
0010	1140039-0000	-		1	CONVEYOR FRAME	
0020	1140040-0000	-		2	BRACKET	
0030	1140840-0000	-		2	WHEEL	
0040	582527-0000	-		1	ROD	
0050	90191-0077	-		4	WHEEL	
0060	312105-0634	-		8	SCREW M6S ISO 4014 M16X70 A480	
0070	312105-0538	-		16	SCREW M6S ISO 4017 M12X35 A480	
0080	312105-0489	-		16	SCREW M6S ISO 4017 M10X16 A480	
0090	312605-0324	-		8	HEXAGON NUT, M6M M16 A280	
0100	315105-0186	-		16	WASHER BRB17X30RFR	
0110	315105-0178	-		16	WASHER BRB13X24RFR	
0120	315105-0173	-		16	WASHER BRB10,5X22RFR	
0130	312109-0499	-		8	SCREW M6S ISO 4017 M10X40 A480	
0135	315125-0173	-		8	WASHER TBRSB 10,5X28X6 A4	

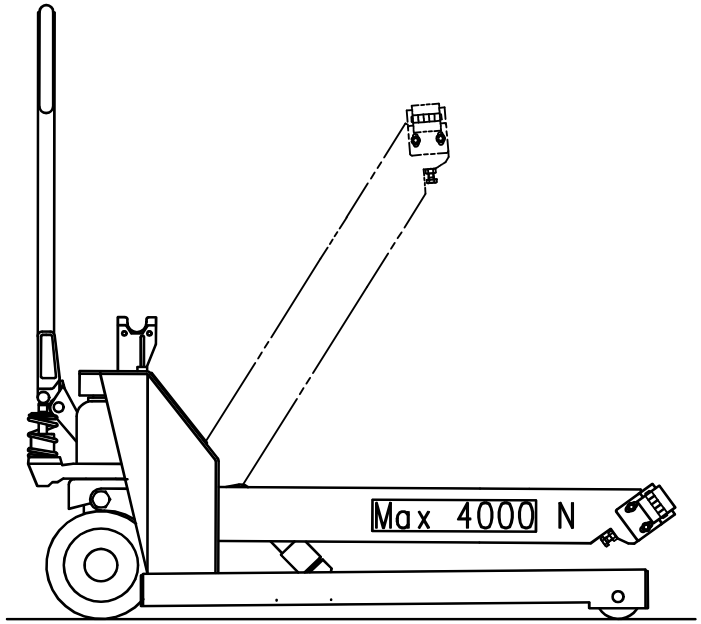
Pos	Part No	SP	UN	Qty	Description	Page No

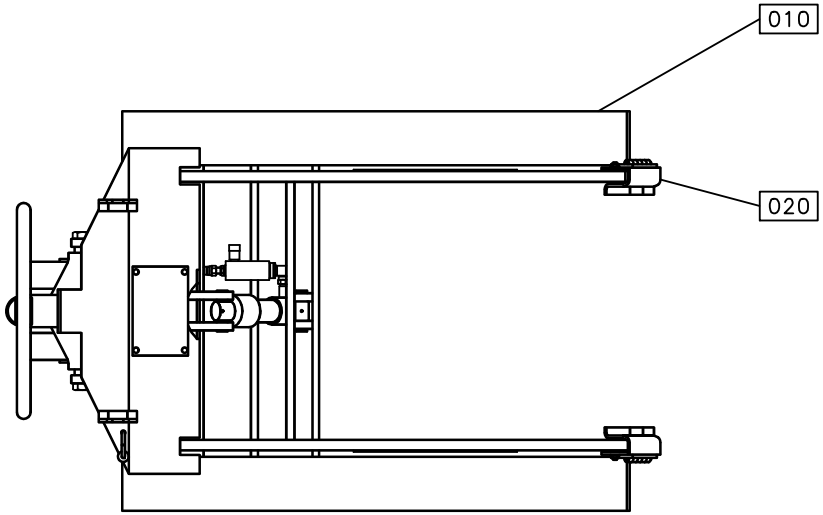

040
070
010
060
050
100
180
120
140
130
110

ECM: 93834 - 20010709
Group number: 1035201-0100
Assembly Drawing: 1035201-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
0200S, 0200B, 0500S, 0250S, 0250B, 0330SQ						
010	440259-0000	-		2	RETAINING RING	
040	312101-0381	-		4	SCREW M6S M6X55 FZB	
050	312812-0316	-		4	HEXAGON NUT, NY-LOCK M6 A480	
060	315101-0153	-		4	WASHER PLAIN, BRB, 6,4/12 H=1,5	
100	271239-0000	-		1	SLEEVE	
110	272810-0001	-		1	SLEEVE	
0500B, 1000B						
040	312101-0381	-		2	SCREW M6S M6X55 FZB	
050	312812-0316	-		2	HEXAGON NUT, NY-LOCK M6 A480	
060	315101-0153	-		2	WASHER PLAIN, BRB, 6,4/12 H=1,5	
100	271239-0000	-		1	SLEEVE	
110	272810-0001	-		1	SLEEVE	
1000S						
040	312101-0381	-		2	SCREW M6S M6X55 FZB	
050	312812-0316	-		2	HEXAGON NUT, NY-LOCK M6 A480	
060	315101-0153	-		2	WASHER PLAIN, BRB, 6,4/12 H=1,5	
100	569942-0000	-		1	SLEEVE	
110	569943-0000	-		1	SLEEVE	
1000SQ						
010	574051-0000	-		2	RETAINING RING	
040	312101-0381	-		2	SCREW M6S M6X55 FZB	
050	312812-0316	-		2	HEXAGON NUT, NY-LOCK M6 A480	
060	315101-0153	-		2	WASHER PLAIN, BRB, 6,4/12 H=1,5	
070	311112-0350	-		2	SPRING PIN, ISO 8752 6X55-C	
100	271239-0000	-		1	SLEEVE	
110	272810-0001	-		1	SLEEVE	
Common Parts						
120	272813-0000	-		2	PLUNGER	
130	1538597-0000	-		1	SHAFT	
140	271241-0000	-		2	SCREW	
180	90335-0025	-		2	COMP. SPRING 22010, 1X11X26	

Pos	Part No	SP	UN	Qty	Description	Page No

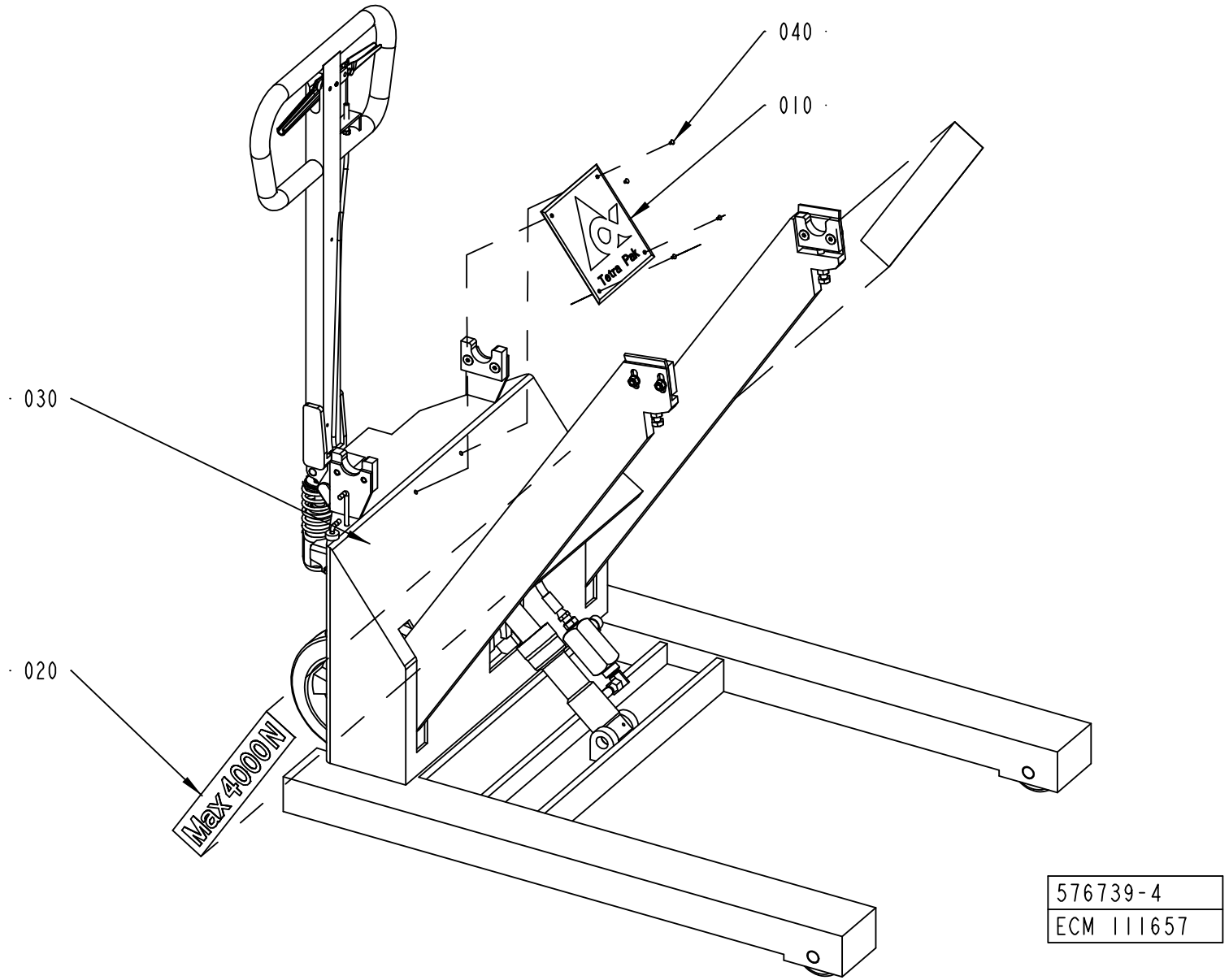

Max 4000 N


010
020

ECM: 71120 - 19971013
Group number: 1282762-0100
Assembly Drawing: 1282762-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	576739-0200	-		1	(PAPER)REEL TROLLEY	**1213**
020	1282763-0100	-		2	AXLE SUPPORT	**1215**

Pos	Part No	SP	UN	Qty	Description	Page No



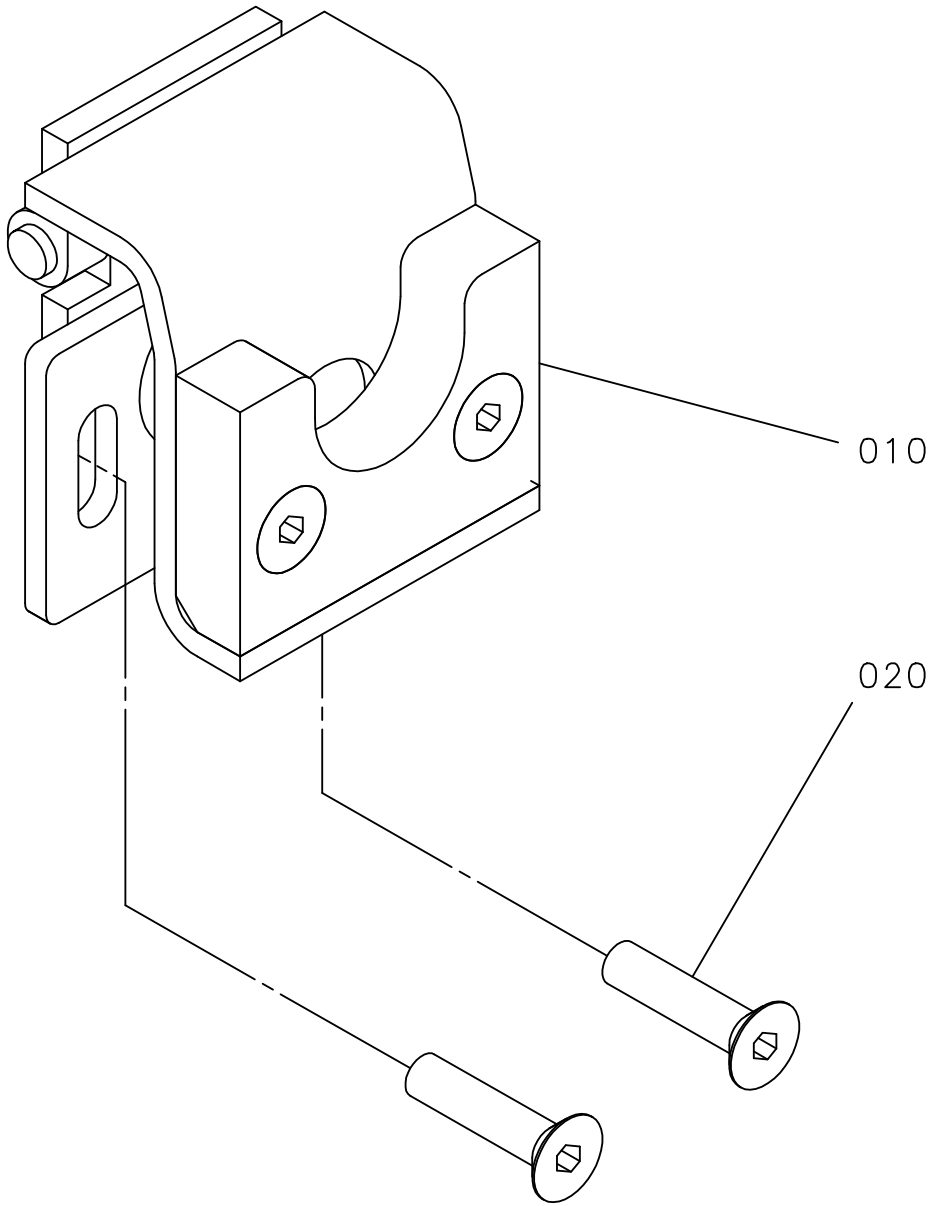
576739-4
ECM 111657

ECM: 111659 - 20030127
Group number: 576739-0200
Assembly Drawing: 576739-4_1_AB

Pos	Part No	SP	UN	Qty	Description	Page No
-						
010	574658-0000	-		1	LOGOTYPE TP	
020	522308-0000	-		2	SIGN	
030	90067-0021	B		1	CARRIAGE 32 04 129 5	
100	*90067-0301*	*C*		*1*	*BRAKE WIRE*	
110	*90067-0302*	*D*		*2*	*TORSION SPRING*	
120	*90067-0317*	*D*		*2*	*BRAKE LINING*	
130	*90067-0320*	*C*		*1*	*COTTER FOR 90067-301*	
140	*90067-0334*	*D*		*1*	*AXIAL BEARING KIT*	
150	*90067-0336*	*D*		*1*	*GUIDE SHAFT UNIT*	
160	*90067-0337*	*D*		*2*	*BRAKE DRUM*	
170	*90067-0338*	*C*		*2*	*GUIDE ROLLER 32 44 117 2*	
180	*90067-0370*	*C*		*2*	*WHEEL*	
190	*90067-0371*	*D*		*4*	*WASHER PLAIN, BRB, 21/29 H=2,5*	
200	*90067-0372*	*D*		*2*	*SHAFT*	
210	*90067-0342*	*D*		*4*	*TENSION SPRING*	
220	*90067-0346*	*C*		*1*	*PISTON ROD*	
230	*90067-0347*	*C*		*1*	*CYLINDER SHELL*	
240	*90067-0348*	*C*		*1*	*REPAIR KIT*	
250	*90067-0349*	*C*		*1*	*ROLL*	
260	*90067-0350*	*D*		*1*	*AXLE PIN*	
270	*90067-0351*	*C*		*1*	*SEAL KIT*	
280	*90067-0352*	*C*		*1*	*SINK VALVE COMPL.*	
290	*90067-0353*	*C*		*1*	*PUMP HOUSING, 34 73 522 5*	
300	*90067-0354*	*C*		*1*	*PUMP PISTON*	
310	*90067-0355*	*D*		*1*	*COMPRESSION SPRING*	
320	*90067-0356*	*D*		*1*	*TOP WASHER*	
330	*90067-0357*	*C*		*1*	*REPAIR KIT*	
340	*90067-0358*	*D*		*1*	*SINK HANDLE*	
350	*90067-0359*	*D*		*1*	*SINK ROD*	
360	*90067-0360*	*C*		*1*	*POSITIONING DEVICE*	
370	*90067-0361*	*D*		*1*	*TIE ROD*	
380	*90067-0362*	*-*		*1*	*CIRCLIP*	
390	*90067-0363*	*C*		*4*	*SLIDER*	
400	*90067-0364*	*D*		*1*	*BRAKE HANDLE*	
410	*90067-0365*	*C*		*1*	*HYDRAULIC HOSE*	
420	*90067-0366*	*C*		*1*	*INDICATOR L=278MM;D=6MM*	
430	*90067-0367*	*D*		*1*	*INDICATOR L=83MM;D=6MM*	
440	*90067-0368*	*D*		*1*	*YOKE*	
450	*90067-0369*	*D*		*1*	*VALVE ARM*	
500	*90055-0042*	*C*		*1*	*NIPPLES, EXT. THREAD, HEXAGON, NO. 6835-*	
510	*90055-0145*	*C*		*1*	*ELBOW ADAPTOR-R1/4*	
550	*90091-0106*	*-*		*1*	*SCRAPER 30X40X10 MM*	
570	*90201-0098*	*C*		*1*	*ADJ. FLOW CON. VALVE, NO. 32 04 149 4*	
600	*311111-0251*	*-*		*1*	*SPRING PIN ISO 8752 4X10-ST*	
610	*311111-0345*	*-*		*1*	*SPRING PIN ISO 8752 6X32-ST*	
620	*311103-0271*	*-*		*2*	*PARALLELL PIN ISO2338 4X18 A1*	
650	*312101-0678*	*-*		*2*	*SCREW M6S M20X70 FZB*	
670	*312104-0501*	*-*		*2*	*SCREW M6S M10X50H FZB*	
680	*312151-0451*	*-*		*4*	*SCREW HEX.SOCK.COUNT.MF6S 8X20 FZB*	
690	*312151-0455*	*-*		*4*	*SCREW HEX.SOCK.COUNT.MF6S 8X30 FZB*	
750	*312601-0318*	*-*		*4*	*NUT M6M8FZB*	
760	*312601-0320*	*-*		*2*	*NUT M6M 10-8 FZB*	
800	*315101-0165*	*-*		*4*	*WASHER PLAIN, BRB, 8,4/16 H=1,5*	
840	*315234-0110*	*C*		*2*	*WASHER,PL.RND.CU.13,5/18 H=1,5*	
850	*315750-0119*	*C*		*4*	*RETAIN. RING, 25*	
860	*315750-0131*	*C*		*1*	*RETAIN. RING, 50*	
900	*321120-0137*	*D*		*2*	*BEARING BUSHING W/O FLANGE,20/23X15*	
040	311521-0143	-		4	BLANK RIVET 3,2X8	

Machine Type | Group Description | Used-In | Group Number | Page No

AXLE SUPPORT



ECM: 70699 - 19970826
Group number: 1282763-0100
Assembly Drawing: 1282763-1_1_AA

Pos	Part No	SP	UN	Qty	Description	Page No
-						
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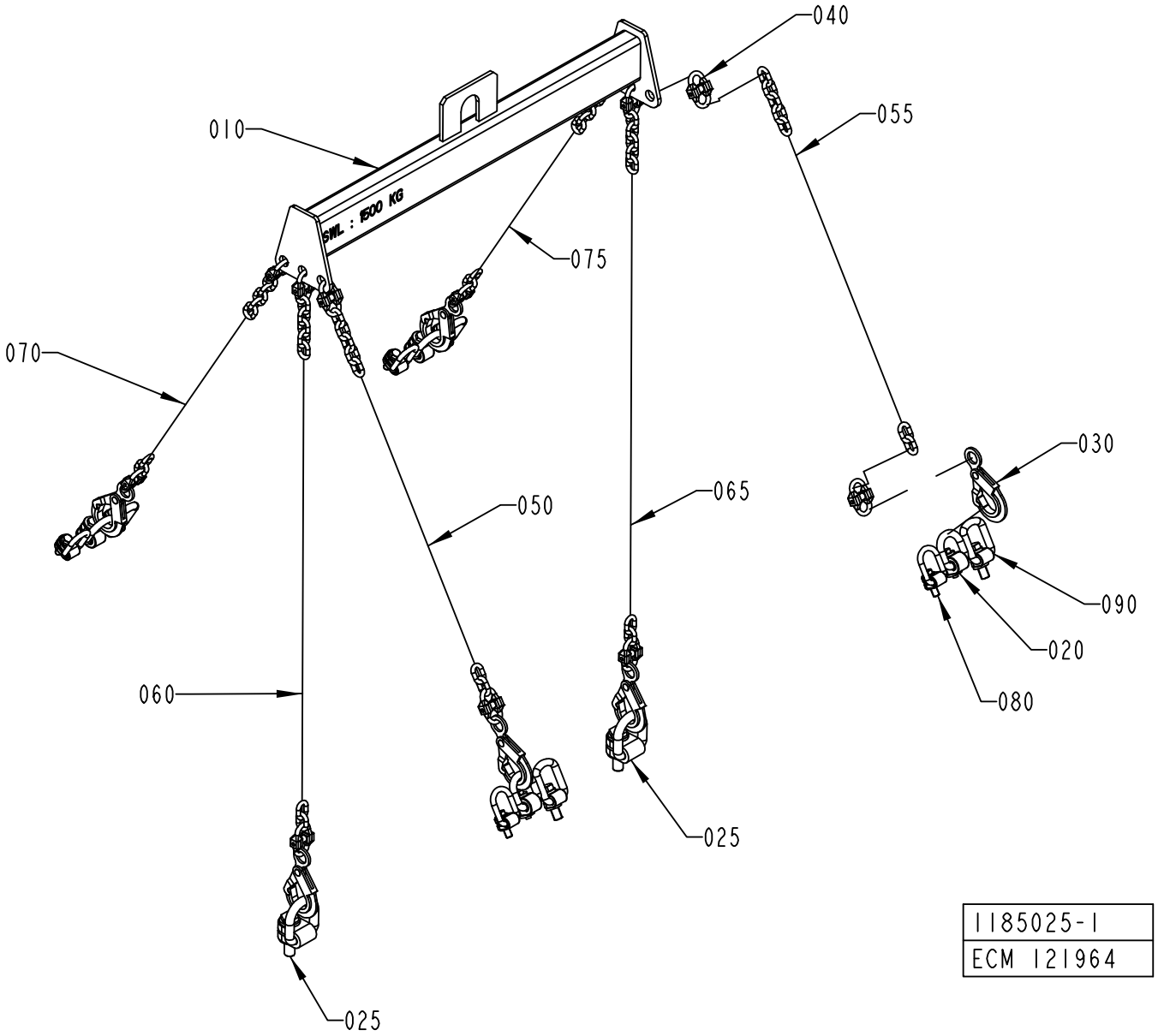
020	312155-0457	-		2	SCREW EN 10642 MF6S M8X35 A480	

Pos	Part No	SP	UN	Qty	Description	Page No


040
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SWL : 500 KG
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025
1185025-1
ECM 121964

ECM: 121978 - 20030403
Group number: 1185025-0100
Assembly Drawing: 1185025-1_1_AC

Pos	Part No	SP	UN	Qty	Description	Page No
-						
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020	90040-0010	-		4	LIFTING EYE BOLT, NO. R 58 698	
025	90040-0011	-		2	LIFTING EYE BOLT, VLBG(4)2.5T M20	
030	90155-0309	-		6	SECURITY HOOK	
040	90155-0308	-		12	CONNECTION LINK	
050	90155-0033	-	MM	780	CHAIN	
055	90155-0033	-	MM	780	CHAIN	
060	90155-0033	-	MM	1200	CHAIN	
065	90155-0033	-	MM	1200	CHAIN	
070	90155-0033	-	MM	680	CHAIN	
075	90155-0033	-	MM	680	CHAIN	
080	90459-1898	-		4	LIFTING EYE BOLT, VLBG(1)1.0T M12 TURN.	
090	90459-2298	-		4	LIFTING EYE BOLT, VLBG 1.5T-M16	

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ECM: 72849 - 19991129
Group number: 1190009-0200
Assembly Drawing:

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-						
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020	47937-0201	-		1	PLMS OFF-LINE ANALYSIS PROGRAM	
0020	*58323-0000*	-		*1*	*DOCUMENTATION DISKETT*	
0030	*1363475-0000*	-		*1*	*LABELS DISKETT*	
0040	*58321-0000*	-		*1*	*SHORT FORM INSTRUCTION*	
0050	*58322-0000*	-		*1*	*MASTER DISKETT*	

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Tetra Pak

SPC
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X601	90110-0159	MALE INSERT 70.310.0640.0	1103
X601	90110-0161	FEMALE INSERT 70 105 0653 0	1043, 1045
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