

RESTRICTED



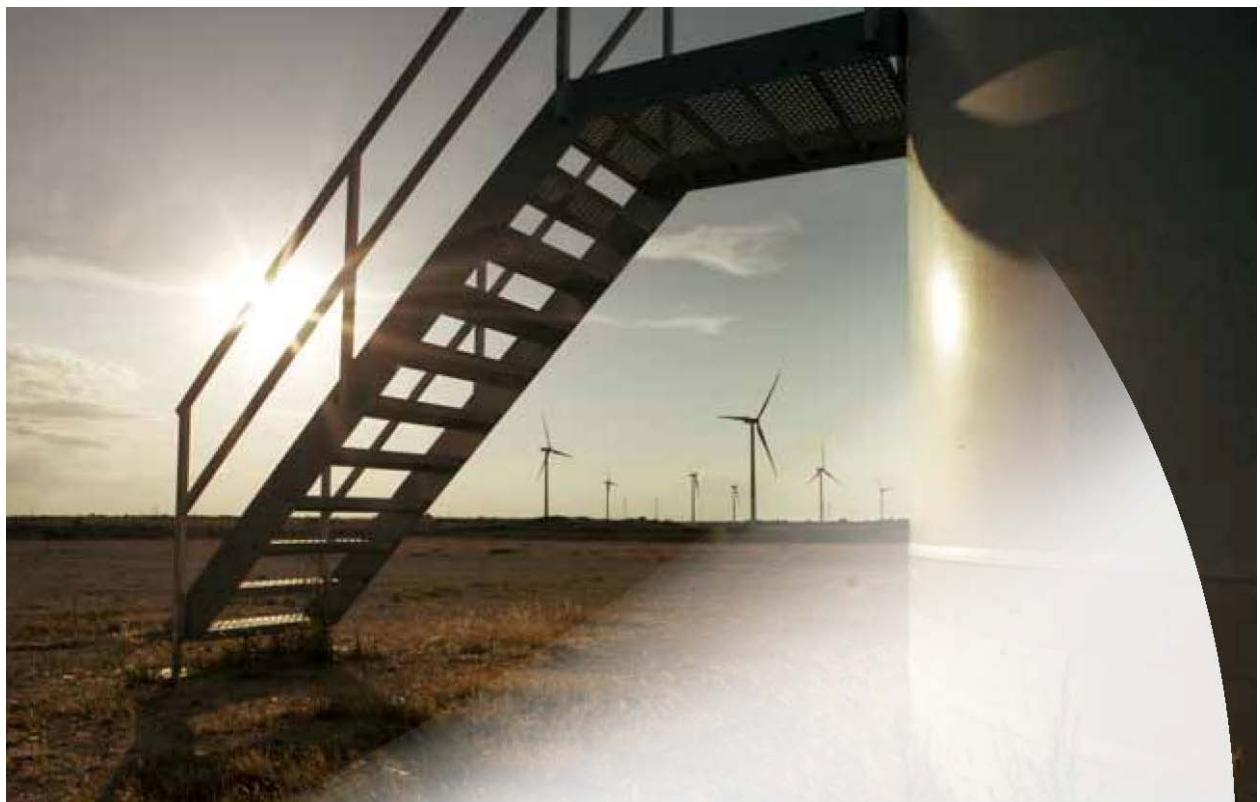
V116/V120 2.2 MW, Hub, Mk 11D

Illustrated Part Catalogue

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1 Introduction

1.1 Purpose of Manual

0000005501

This manual is the Illustrated Parts Catalogue (IPC) for the following equipment as supplied by Vestas Wind System A/S (Vestas):

Item No.	Description
See manual first page for item numbers.	V116/V120 2.2 MW Mk 11D Hub

This manual is intended for use by competent service technicians that have the qualifications listed in the section Educational Requirements of Service Technicians below.



This is not an Instructional Manual

- **Do not** use the information provided in this manual to perform any service or maintenance work on the above mentioned equipment.
- Use only the applicable manuals provided with the equipment for such work.



Continuing improvement and advancement of product design may cause changes to the turbine which may not be included in this publication.

Whenever a question arises regarding your Vestas product or this publication, please consult your Vestas SBU for the latest available information.

1.2 Symbols and Codes

1.2.1 In this Document

0000005383

The following words and symbols, that are found throughout this manual, alert the operator/reader to specific information relating to personnel safety, the equipment, the environment or the process.



This is how a danger is shown

- Failure to follow the instructions in a danger statement may result in death or injury to personnel.

CAUTION

This is how a caution is shown.

- Failure to follow the instructions in a caution statement may result in damage to equipment.



This is how an environmental warning is shown.

- Failure to follow the instructions in an Environmental Warning statement may result in pollution of the environment such as water, air and soil.



This is how a note is shown. Notes provide clarifying and/or highlighted information.

1.2.2 Codes

0000005499

The following codes are used in this document:

Code	Description
o	Order by the millimeter
u	Use as required
c	Change from previous type
NS	Not shown
s	Separate illustration

1.3 Ordering Parts

0000005498



Use of non Vestas replacement parts

- Use Vestas replacement parts or parts with specifications including, but not limited to, physical dimensions, type, strength and material.
- Failure to follow this hazard can lead to premature failures, product damage, personal injury or death.

Quality VWS replacement parts are available from Vestas Sales Business Units (SBUs) throughout the world. Their parts inventories are up to date and include all parts normally required to protect your investment in Vestas turbines. SBUs may offer repair kits or remanufactured parts to allow selection of the most effective repair alternative for a particular situation.

When ordering parts, ensure that the order specifies the quantity, part number, part name, together with the serial number/product identification number of the component for which the parts are needed.

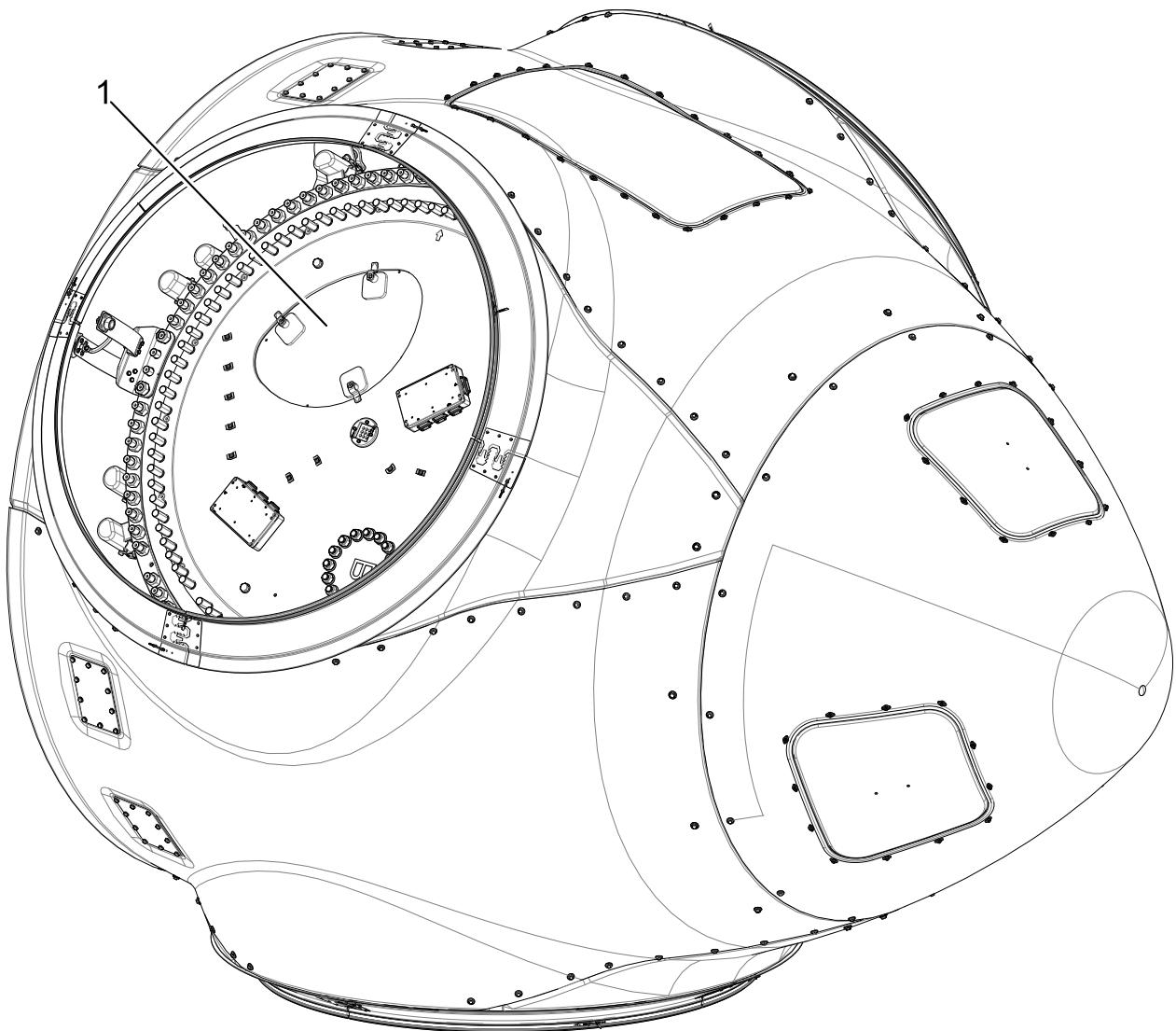
1.4 How the IPC is Organised

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Product information in this manual is presented as Illustrated Parts Views (IPVs) that include field replaceable components.

Cooling System and Generator are examples of information elements.

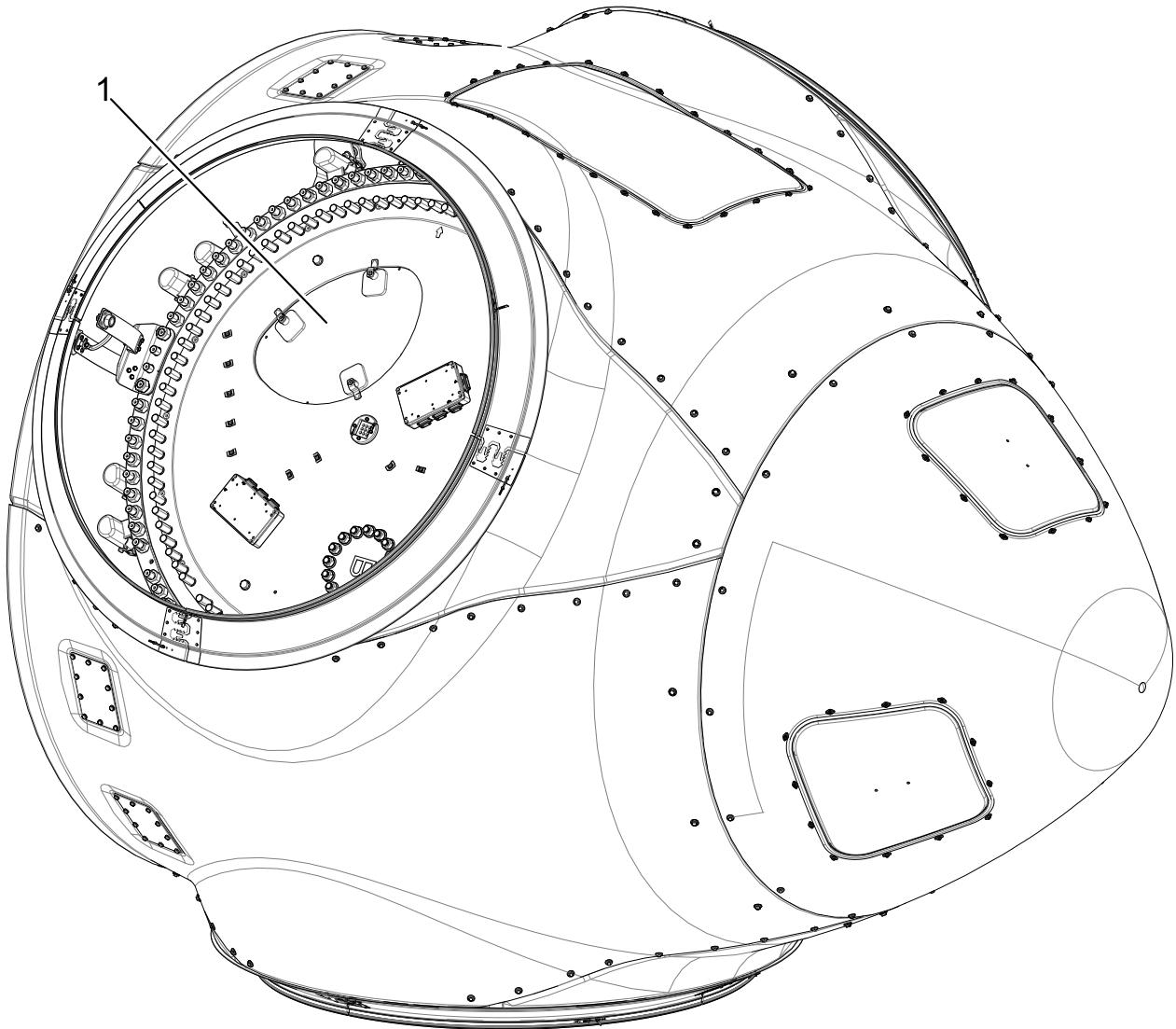
2 HUB V116/V120 2.2 FRL EU HCB, 29112698



IPV08642

Pos	Qty	Material No.	Description	Codes	Remarks
1	4	29016867	COVER PLATE		

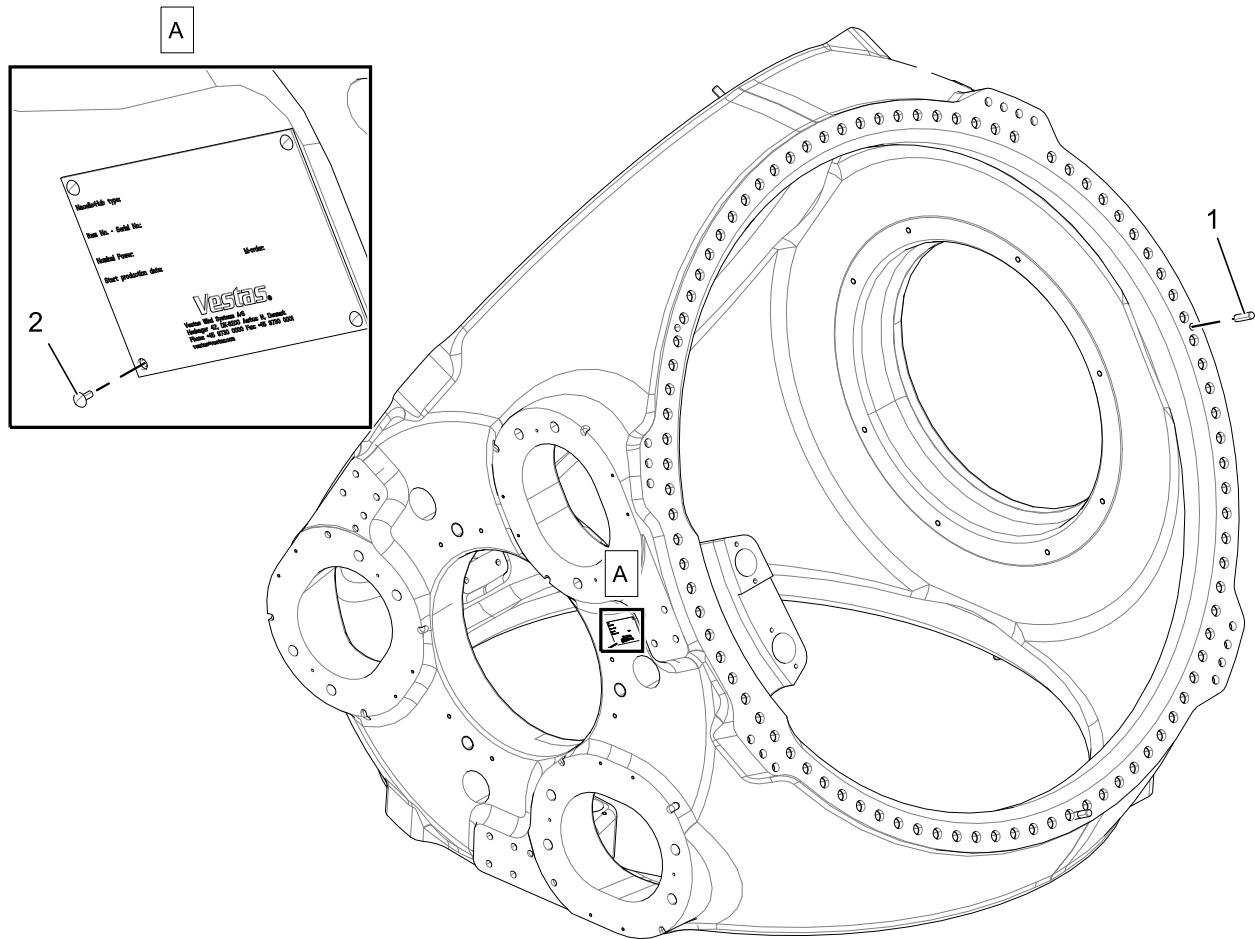
2.1 HUB V116/V120 2.2 FRL ASME HCB, 29112699



IPV08665

Pos	Qty	Material No.	Description	Codes	Remarks
1	4	29016867	COVER PLATE		

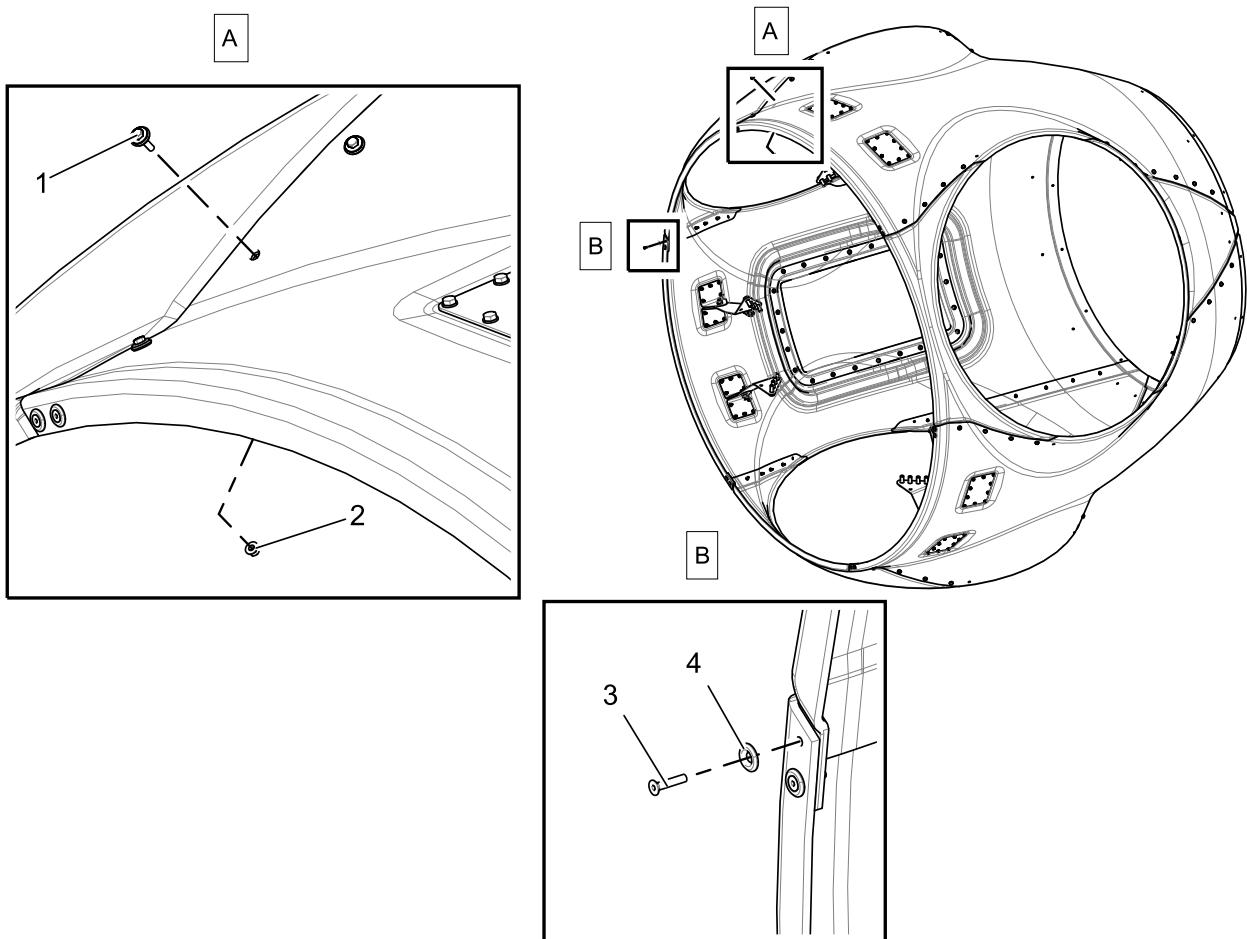
2.2 HUB STRUCTURE 2MW, 29092709



IPV08643

Pos	Qty	Material No.	Description	Codes	Remarks
1	6	159188	DOWEL PIN ISO8734A ø20x70 BK		
2	4	159395	SCREW, DRIVE, NR4X3/16 TYPE U		

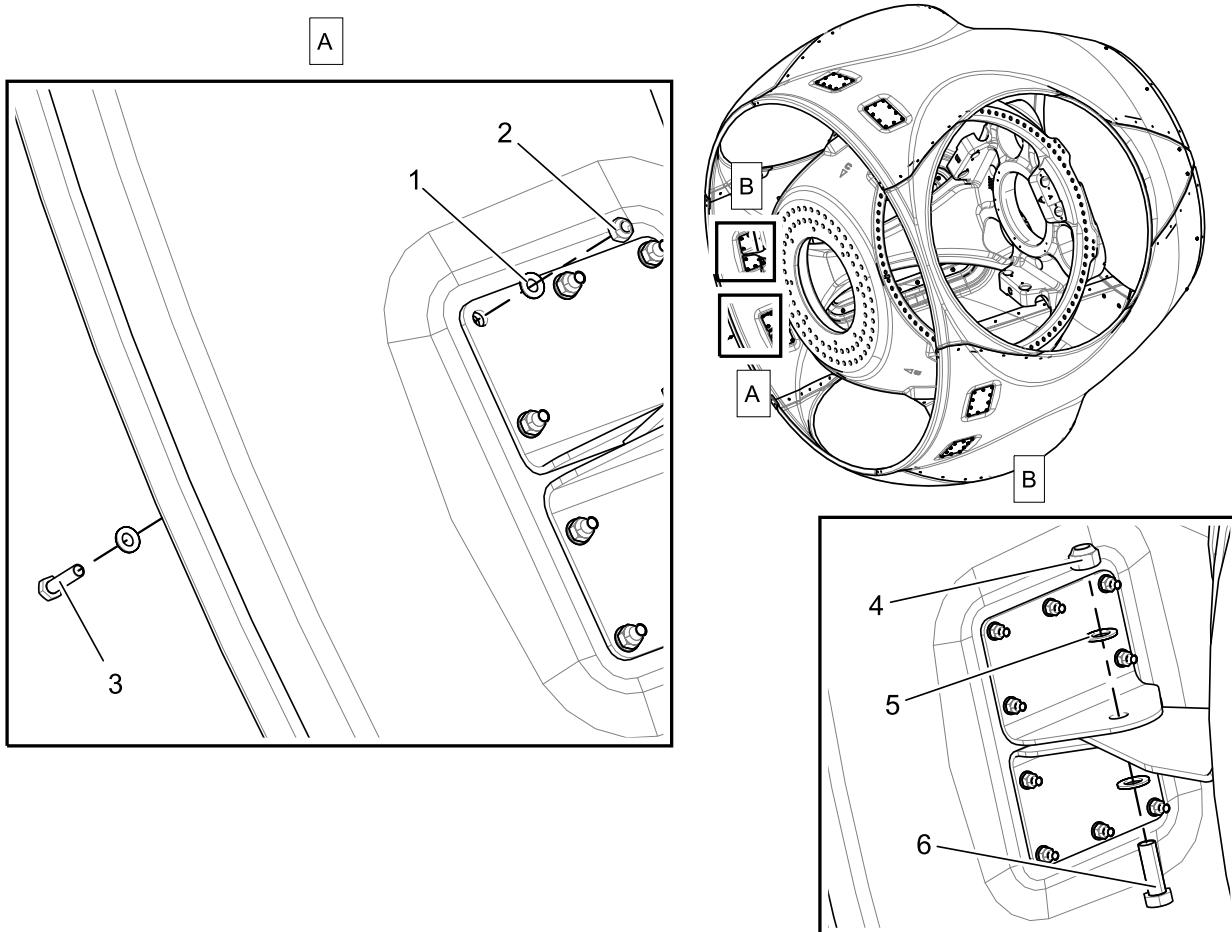
2.3 2MW SPINNER SHELL ASSY HATCH, 29100564



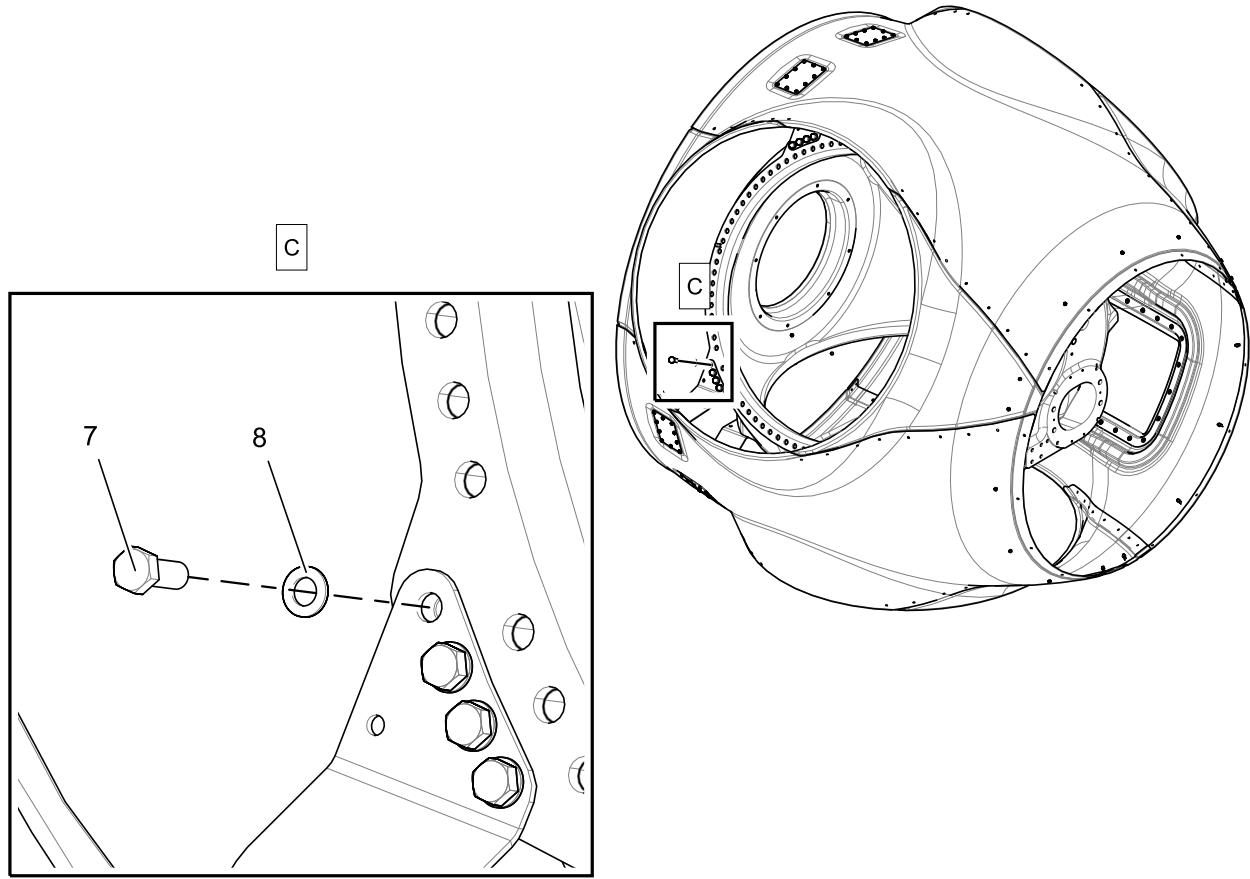
IPV07779

Pos	Qty	Material No.	Description	Codes	Remarks
1	78	155326	NAC. BOLT W.SEALING DISC M8x35		
2	90	157746	FLANGE LOCK NUT M8 A4-70		
3	12	150943	SCREW SKT FH ISO 10642 M8x40 A4-70		
4	12	29031979	WASHER FOR SCREW SKT FH M8 70		

2.4 SPINNER FASTEN BRACKET ASSY, 29099845



IPV07780 Sheet 1

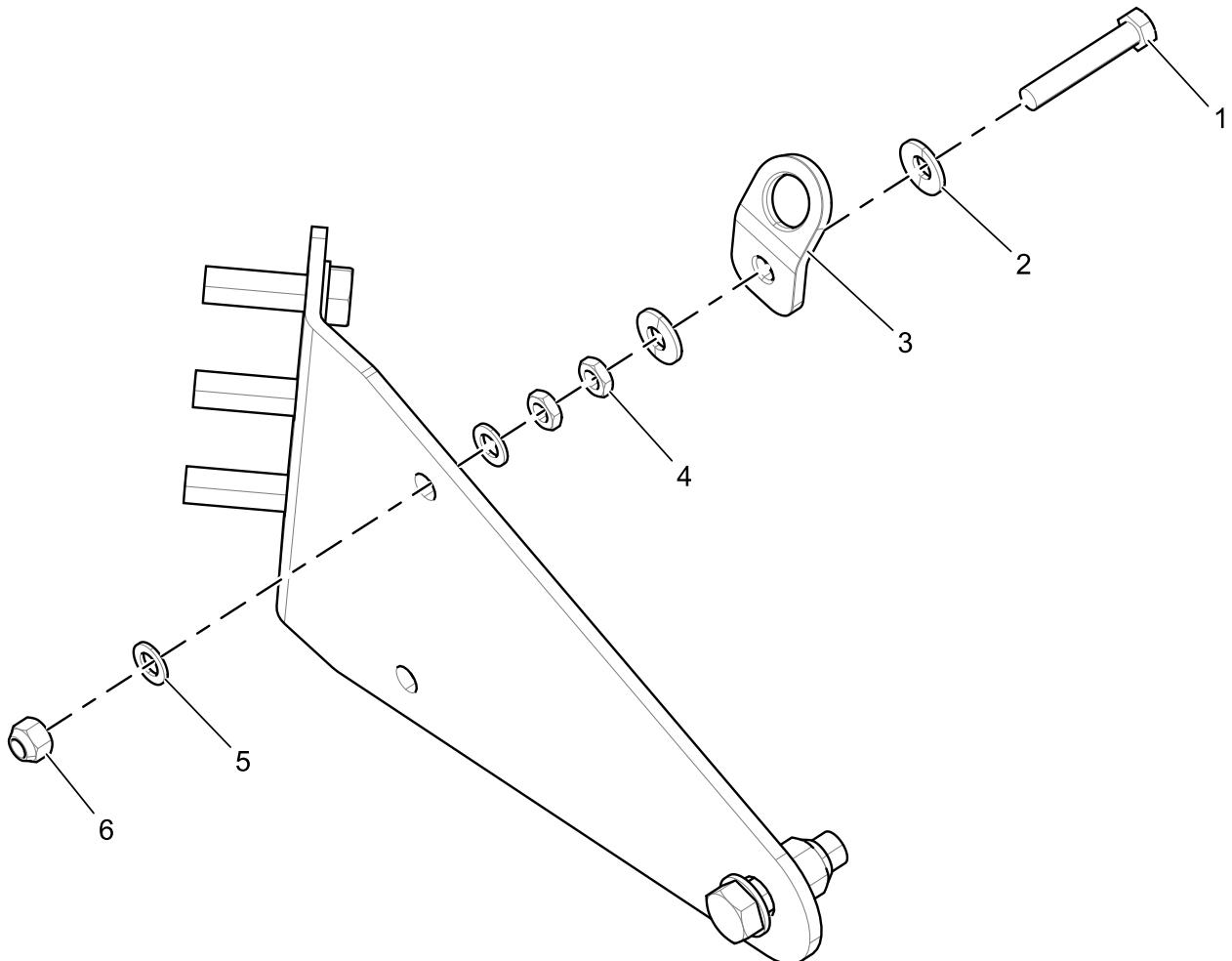
RESTRICTED

IPV07780 Sheet 2

Pos	Qty	Material No.	Description	Codes	Remarks
1	120	156295	WASHER ISO 7089 M10 A4-70		
2	60	157715	NUT HEX LOCK M10 A4-70		
3	60	155428	SCREW HEX ISO 4017 M10x40 A4-70		
4	6	158046	NUT HEX LOCK ISO 7040 M20 A4-70		
5	12	150157	WASHER ISO 7089 M20 HV 200 tZn		
6	6	153745	SCREW HEX ISO 4017 M20x60 8.8U tZn		
7	24	152269	SCREW HEX ISO 4017 M24x60 8.8U tZn		
8	24	155769	WASHER ISO 7089 M24 HV 200 tZn		

Vestas[®]

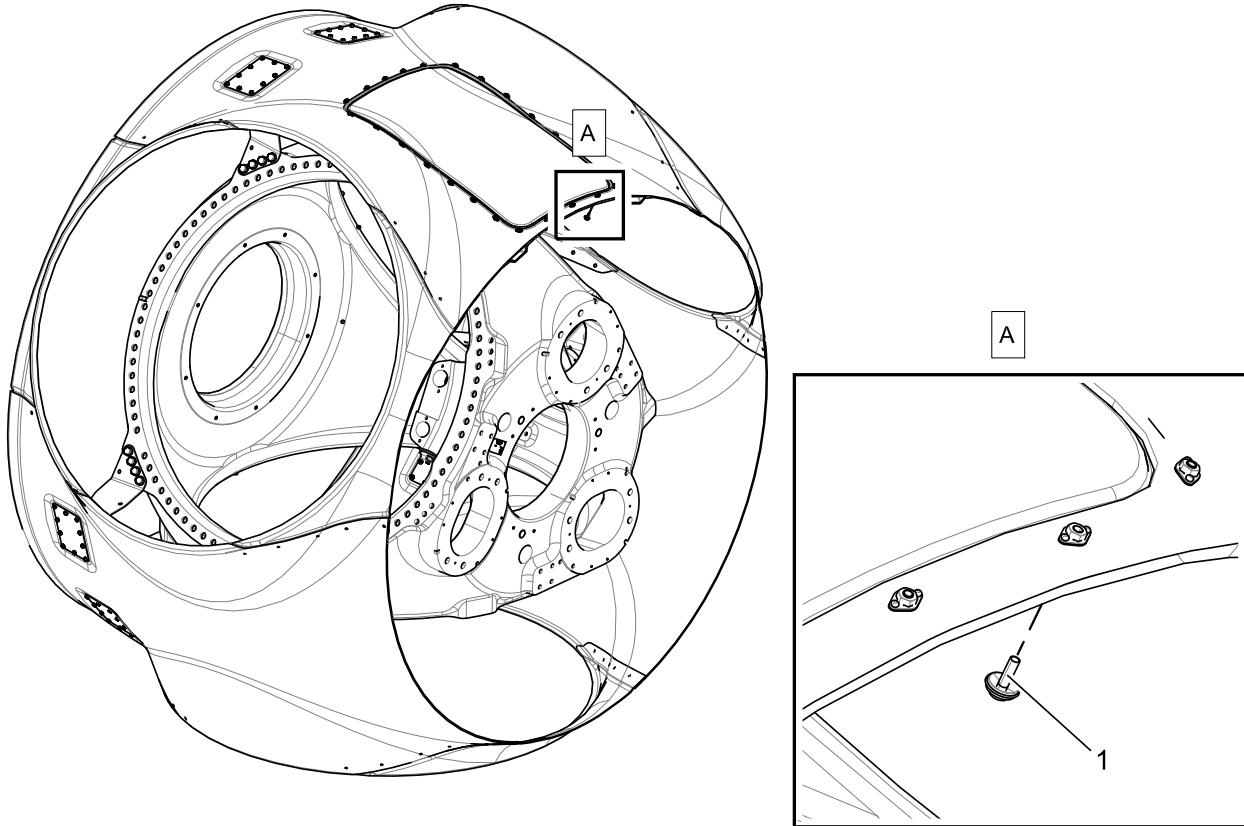
2.5 ANCHORAGE ASSEMBLY, 10204653



IPV03604

Pos	Qty	Material No.	Description	Codes	Remarks
1	3	156371	SCREW ISO4017 M16x70 A4-70		
2	6	29005783	WASHER DIN 6796 M16 A4		
3	3	29080914	ANCHORAGE PLATE		
4	6	157469	NUT HEX ISO 4035 M16 A4-70		
5	6	156281	WASHER ISO 7089 M16 A4-70		
6	3	158054	NUT HEX LOCK M16 A4-70		

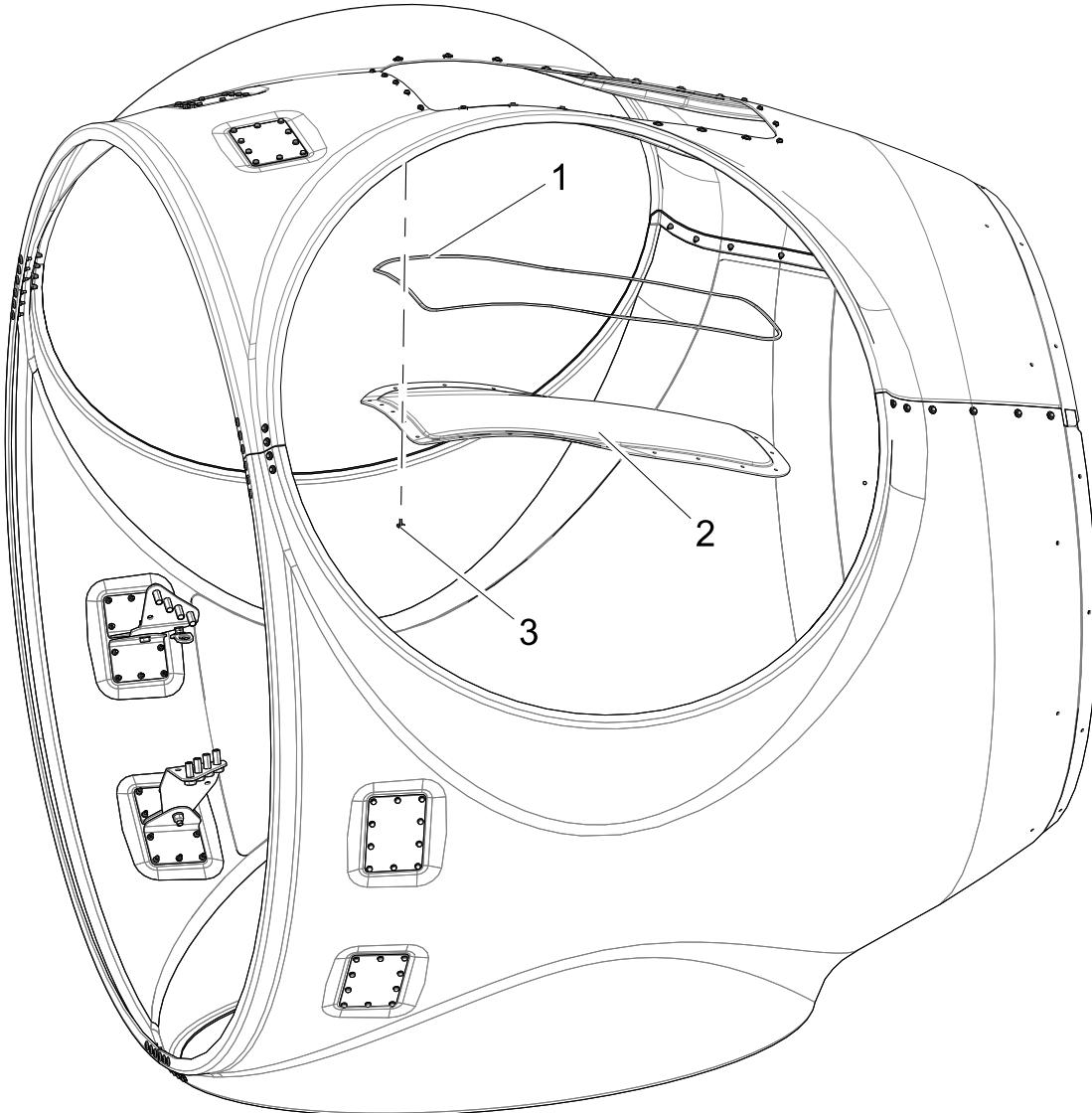
2.6 SPINNER FIBER ASSY - HATCH, 29100565



IPV07781

Pos	Qty	Material No.	Description	Codes	Remarks
1	24	155337	NAC.BOLT W SEALING DISC M8x 30		

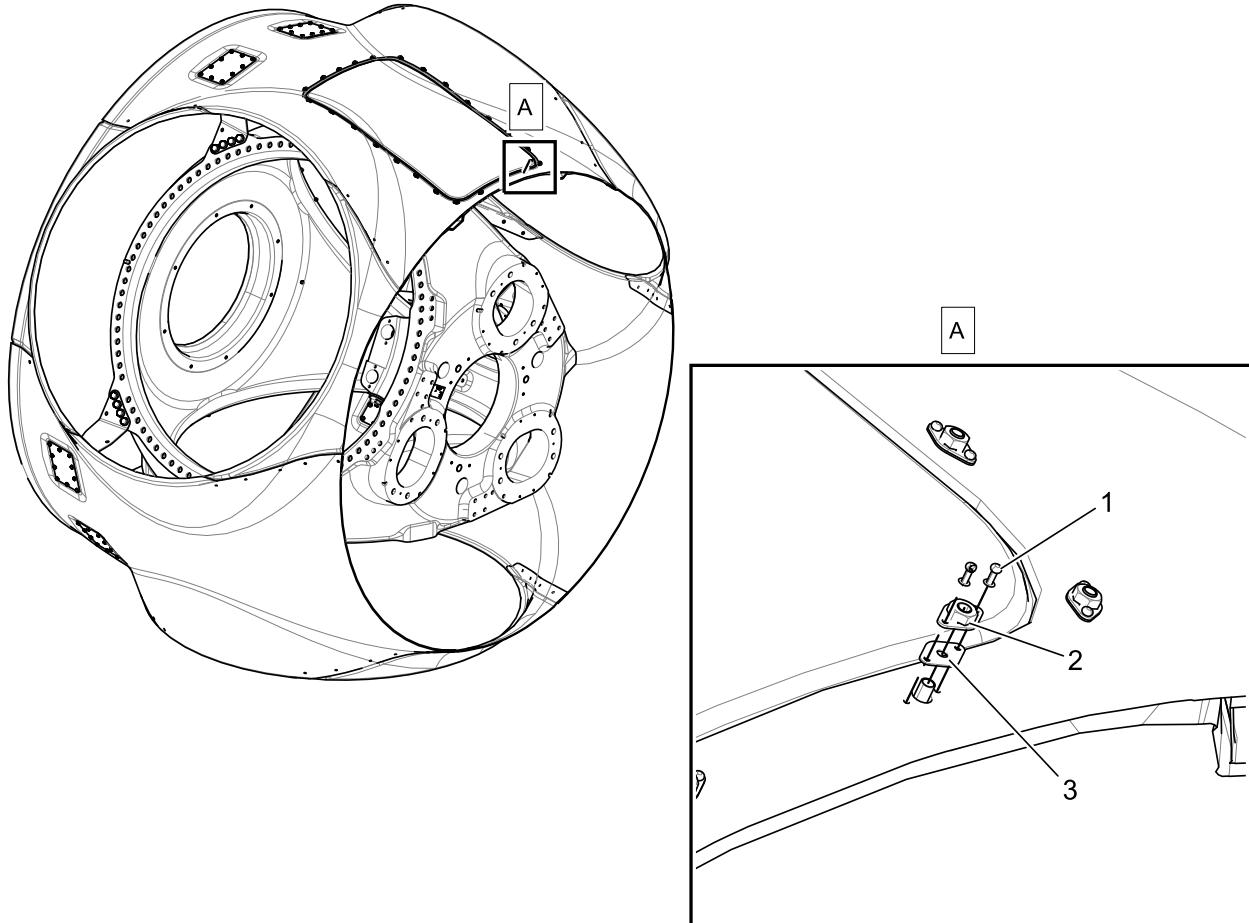
2.7 HATCH ASSY FOR SPINNER SHELL, 29031977



IPV05084

Pos	Qty	Material No.	Description	Codes	Remarks
1	4.1	137017	SEALING BAND 10 X 6.4MM		Meters
2	1	29031978	SPINNER HCH PART 2MW		
3	24	155337	NAC BOLDW SEALING DISC M8X 30		

2.8 SPINNER PRT HCH RETAINER ASSY, 29100566



IPV07782

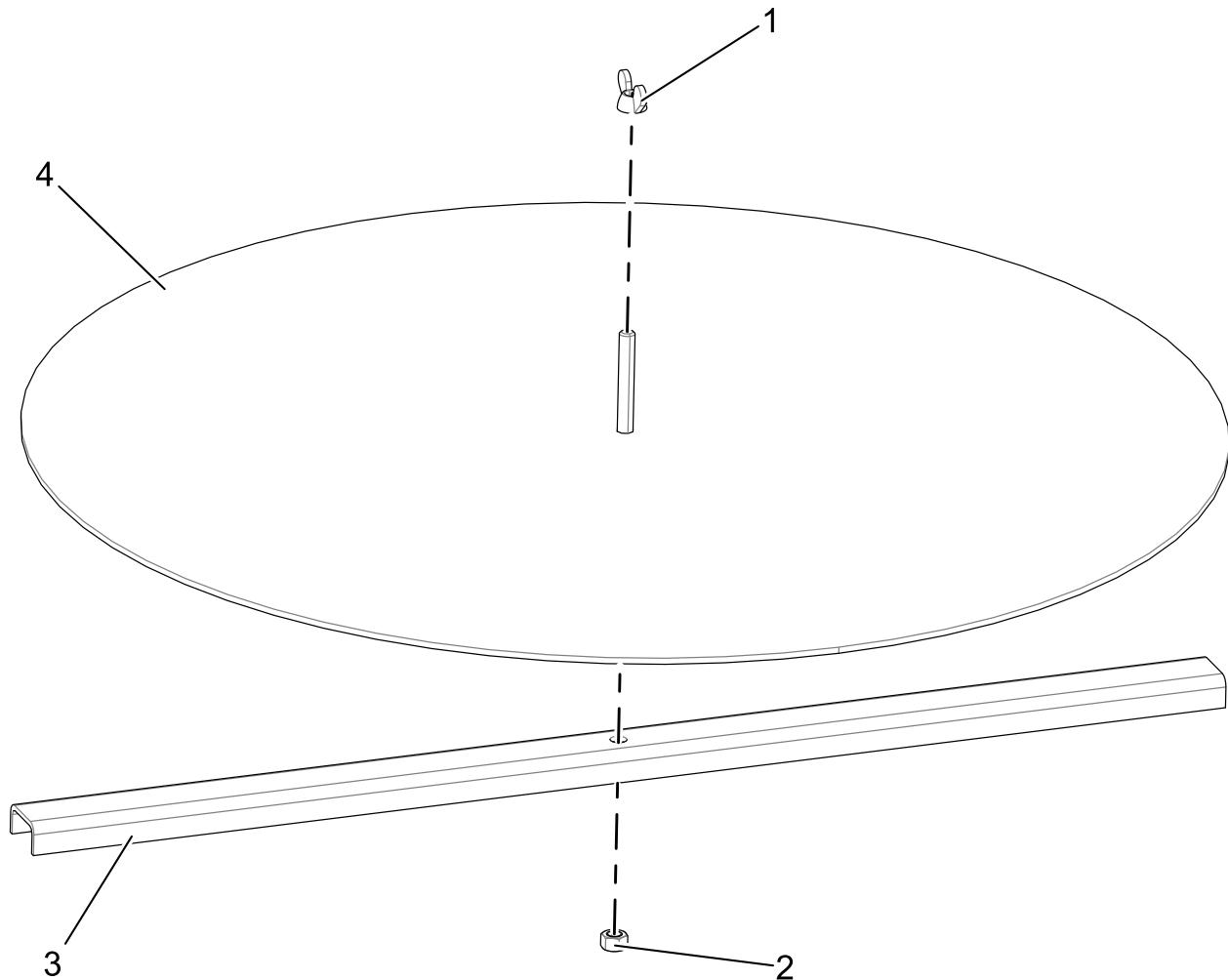
Pos	Qty	Material No.	Description	Codes	Re-marks
1	48	29009388	RIVET DIN 7337A Ø3.2x12 A4/A4		
2	24	29009386	NUT HEX W FLANGE M8 A4		
3	24	29009389	BOLT LOCKING PLATE		
NS	1	29099496	2MW SPINNER FBR PRT HATCH		

2.9 HUB TRANSPORT MODULE MK11B/C, 29109401

No IPV

Pos	Qty	Material No.	Description	Codes	Remarks
NS	1	117616	HYDR OIL COLLECTING BAG		
NS	0.4	137011	PROFILE RUBBER EPDM 15-602		M
NS	4	150944	SCREW ISO4762 M8x45 A4-70		
NS	8	151332	SCREW SKT ISO 4762 M10x50 8.8 gZn		
NS	8	152323	BOLT HEX ISO 4014 M33x180 8.8U tZn		
NS	8	157033	WASHER M33 HV 300 tZn		
NS	8	157715	NUT HEX LOCK M10 A4-70		
NS	4	157723	NUT HEX LOCK ISO 7040 M8 A4-70		
NS	12	157746	FLANGE LOCK NUT M8 A4-70		
NS	1	208028	LABEL, WEAR EYE PROTECTION		
NS	1	29084651	HYDR DRAIN HOSE 1.5M		
NS	48	60043012	DBI-DUT TYPE N41 RED 410038		
NS	3	890931X	SHEET FOR BLADE BEARING V80		
NS	3	S091801	M42 SHIELDING PLUG		

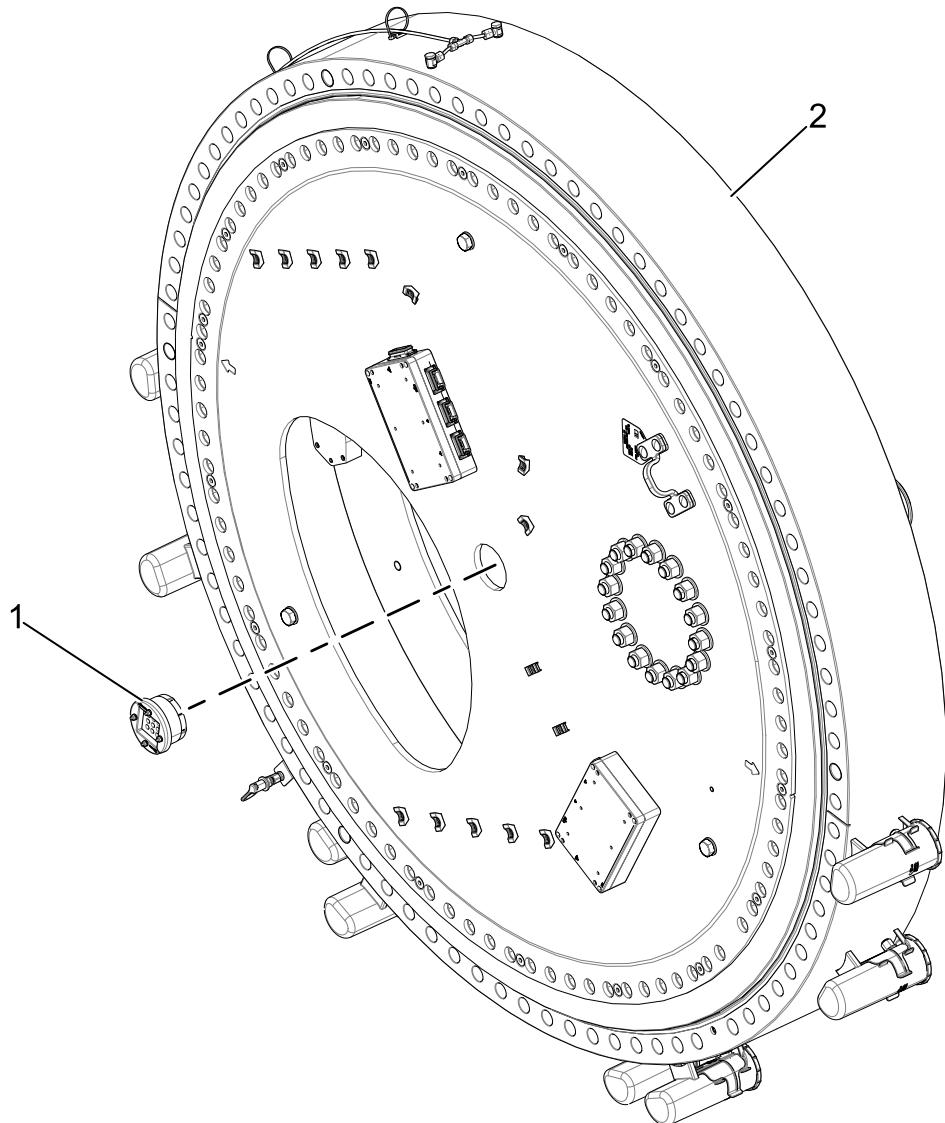
2.10 COVER PLATE BOTTOM, 769654



IPV06914

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	157312	WING NUT US MODEL M12 A4		
2	2	157352	NUT HEX ISO 4032 M12 8 tZn		
3	1	728889	U CHANNEL		
4	1	728886	COVER PLATE BOTTOM		

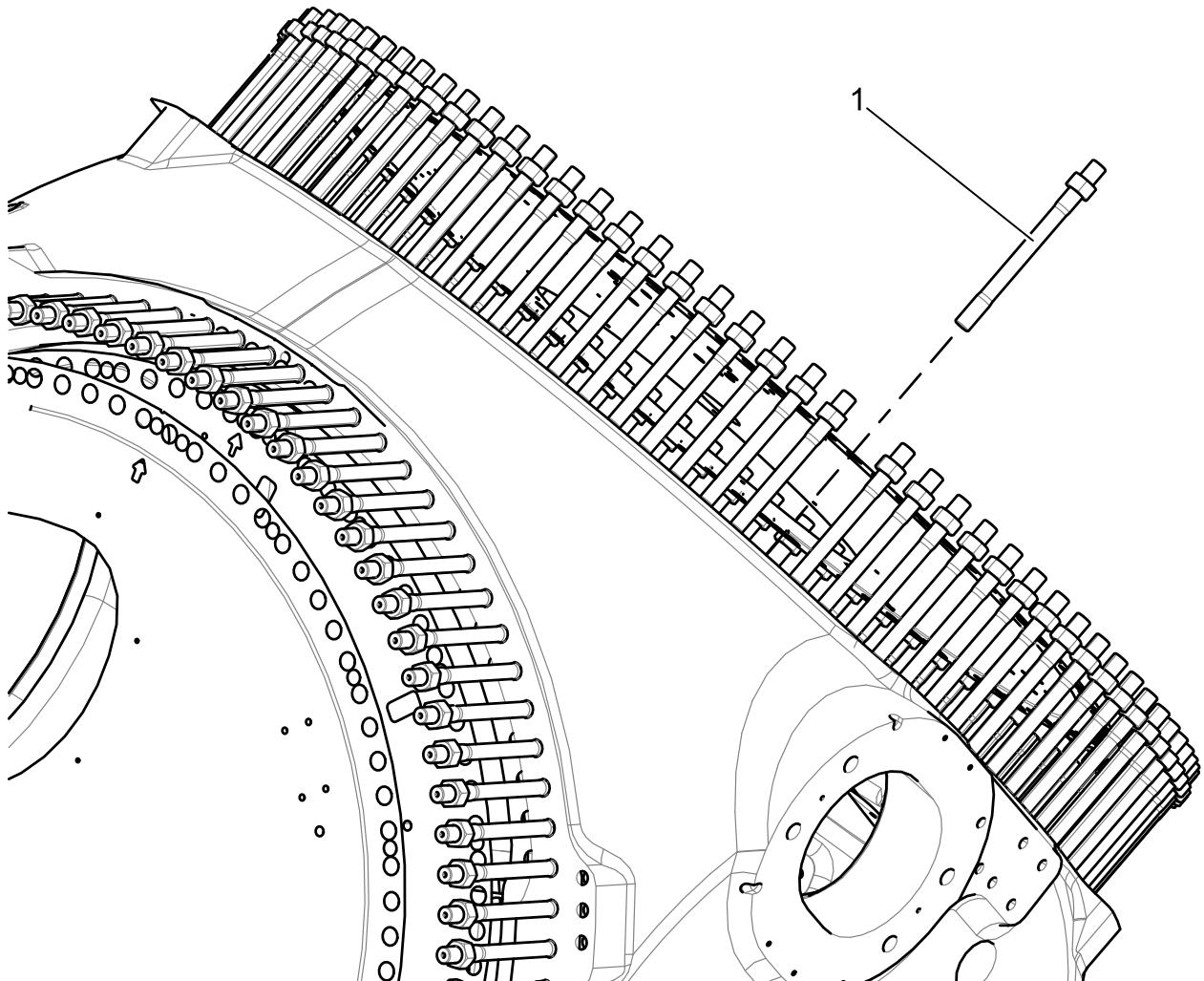
2.11 BLADE BEARING MODULE, 29113942



IPV08645

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	29000617	ROXTEC CABLE SEAL MO CRL 4-9		
2	1	29114553	BLADE BEARING 1927 X 273.5 3RR		

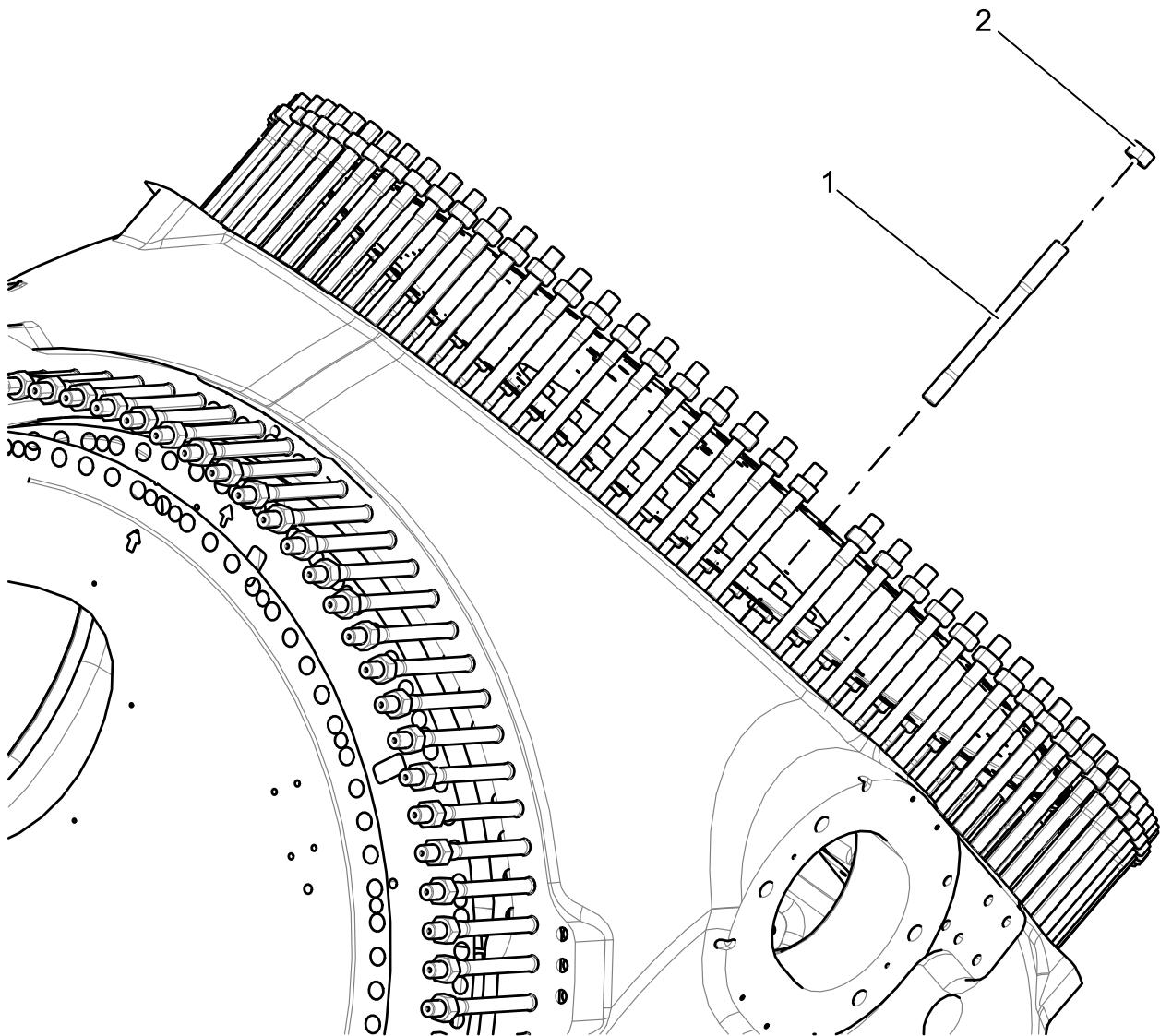
2.12 STUDS FOR HUB-BLADE BEARING, 29092704



IPV07762

Pos	Qty	Material No.	Description	Codes	Remarks
1	267	29100795	STUD BOLT ASSY - M30 X 380		

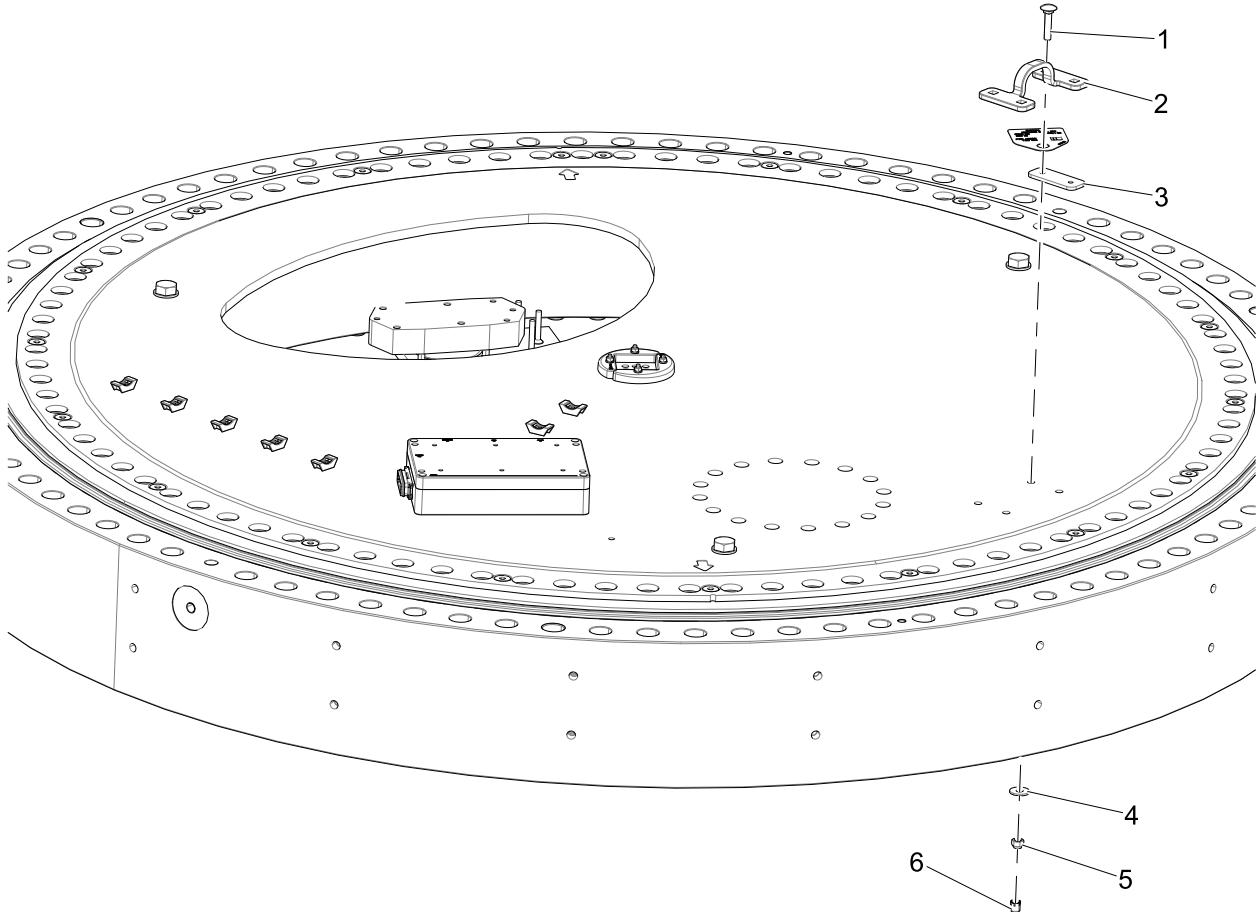
2.13 STUD BOLT ASSY - M30 X 380, 29100795



IPV07763

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	29063262	STUD M30x380 10.9 FLZNLNC		
2	1	154344	NUT HEX M30 10 fZnLnc		

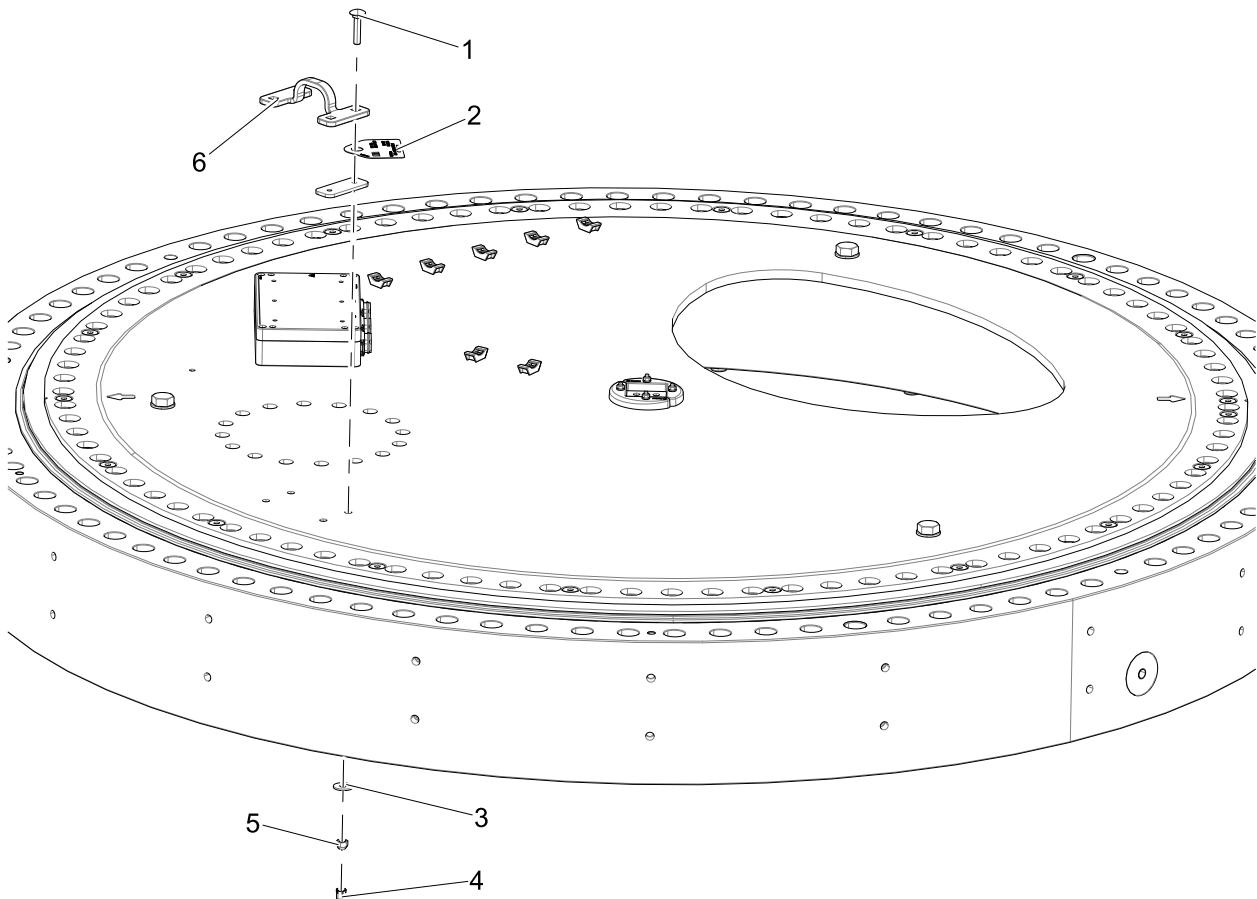
2.14 ANCHORAGE BB ASM, 29012628



IPV05057

Pos	Qty	Material No.	Description	Codes	Remarks
1	12	155571	CUP SQ.NECK BOLT M10X50 A4-70		
2	1	76400920	ANCHORAGE ASSEMBLY		
3	2	763532	GASKET ANCHOR POINT		
4	12	158395	WASHER ISO 7093 M10 A4-70		
5	12	157715	NUT HEX LOCK M10 A4-70		
6	12	701058	SCREW CAP RADOLID M10-B-G15		

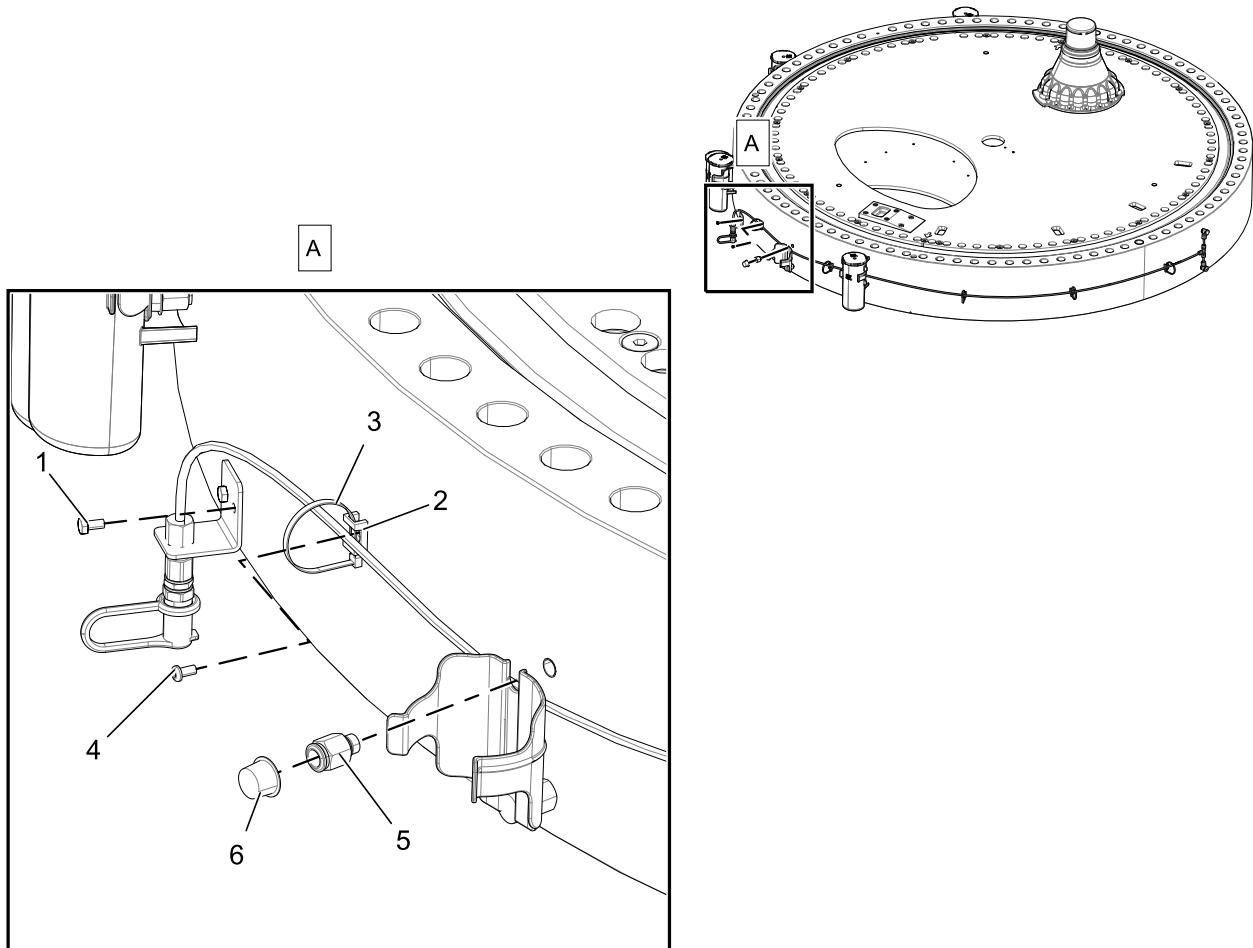
2.15 ANCHORAGE ASSEMBLY, 76400920



IPV03356

Pos	Qty	Material No.	Description	Codes	Remarks
1	4	155571	CUP SQ.NECK BOLT M10X50 A4-70		
2	1	764594	SIGN FOR CATCH F SLINGING GEAR		
3	4	158395	WASHER ISO 7093 M10 A4-70		
4	4	701058	SCREW CAP RADOLID M10-B-G15		
5	4	157715	NUT HEX LOCK M10 A4-70		
6	1	764519	ANCHORAGE		

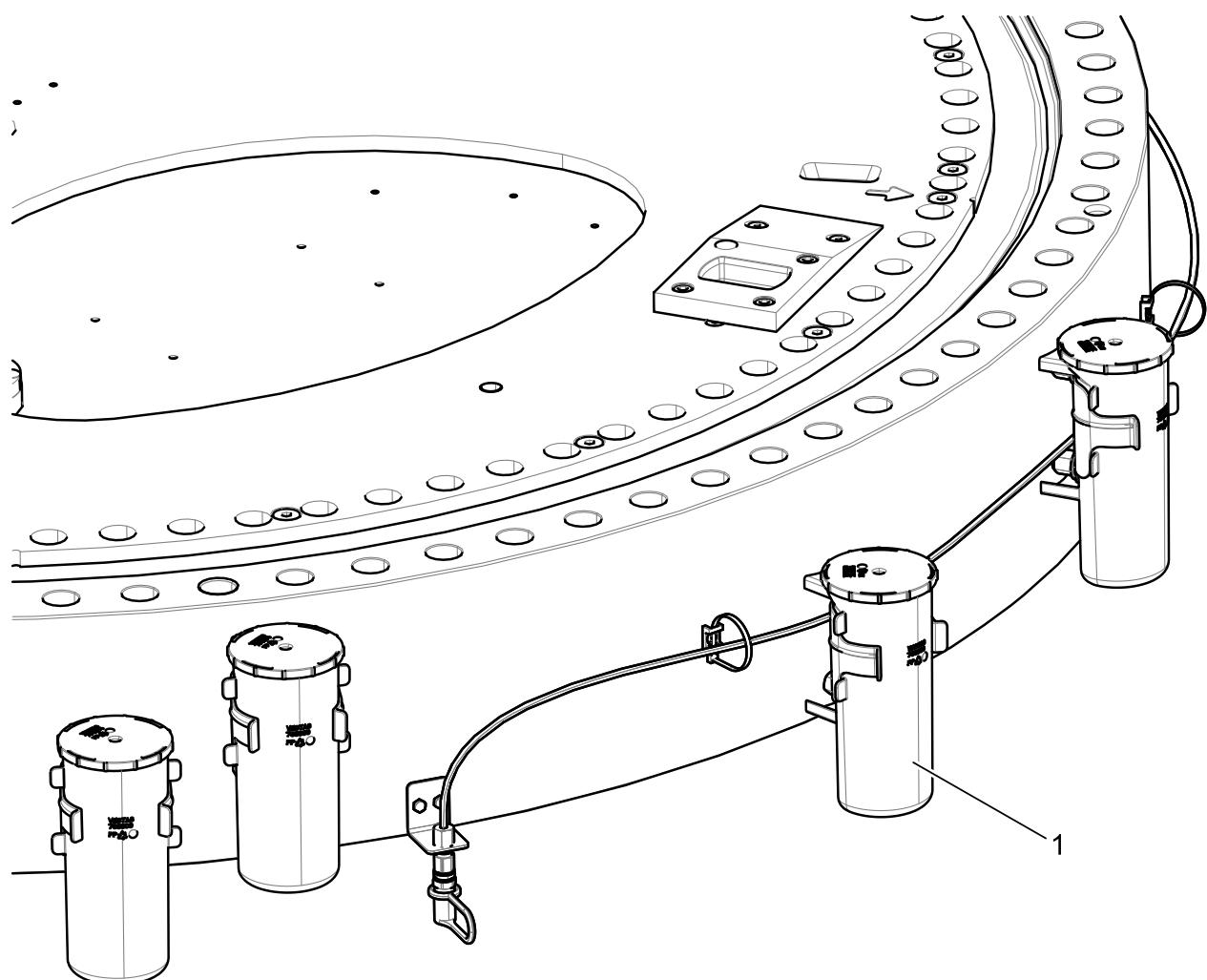
2.16 LUBRICATION SYS FOR BB ASSY, 29099540



IPV07767

Pos	Qty	Material No.	Description	Codes	Remarks
1	2	154886	SCREW HEX ISO 4017 M6x12 A4-70		
2	5	115686	ANCHOR FOR CABLE TIE M6		
3	5	115517	CABLE TIE 292x4.8mm PLT3S-C0		
4	5	152263	MACH.SCR. COH. M6X12 A2		
5	16	764365	QUICK ACTING COUPLING 12 MM		
6	16	60043012	DBI-DUT TYPE N41 RED 410038		

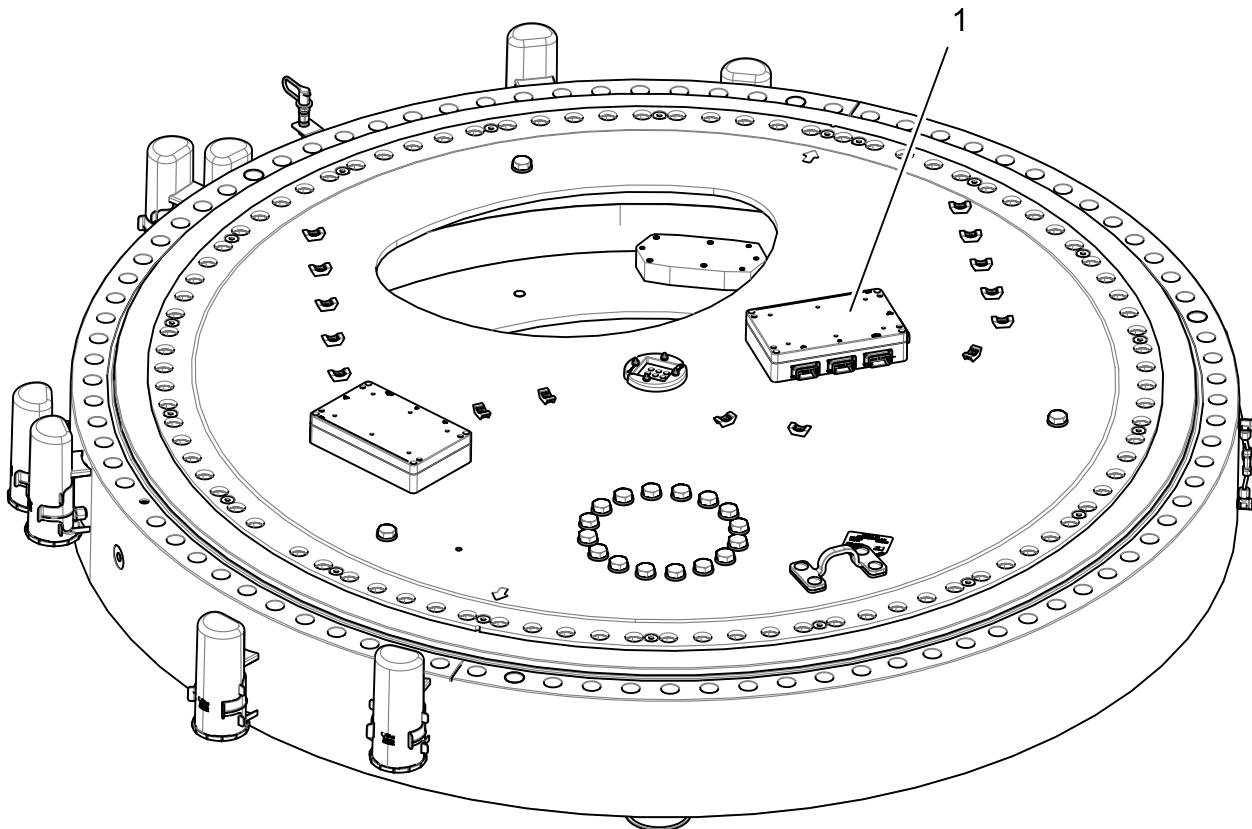
2.17 SITE PARTS-CANS, 29099542



IPV07768

Pos	Qty	Material No.	Description	Codes	Remarks
1	24	763607	GREASE COLLECTING CAN 1L 95		

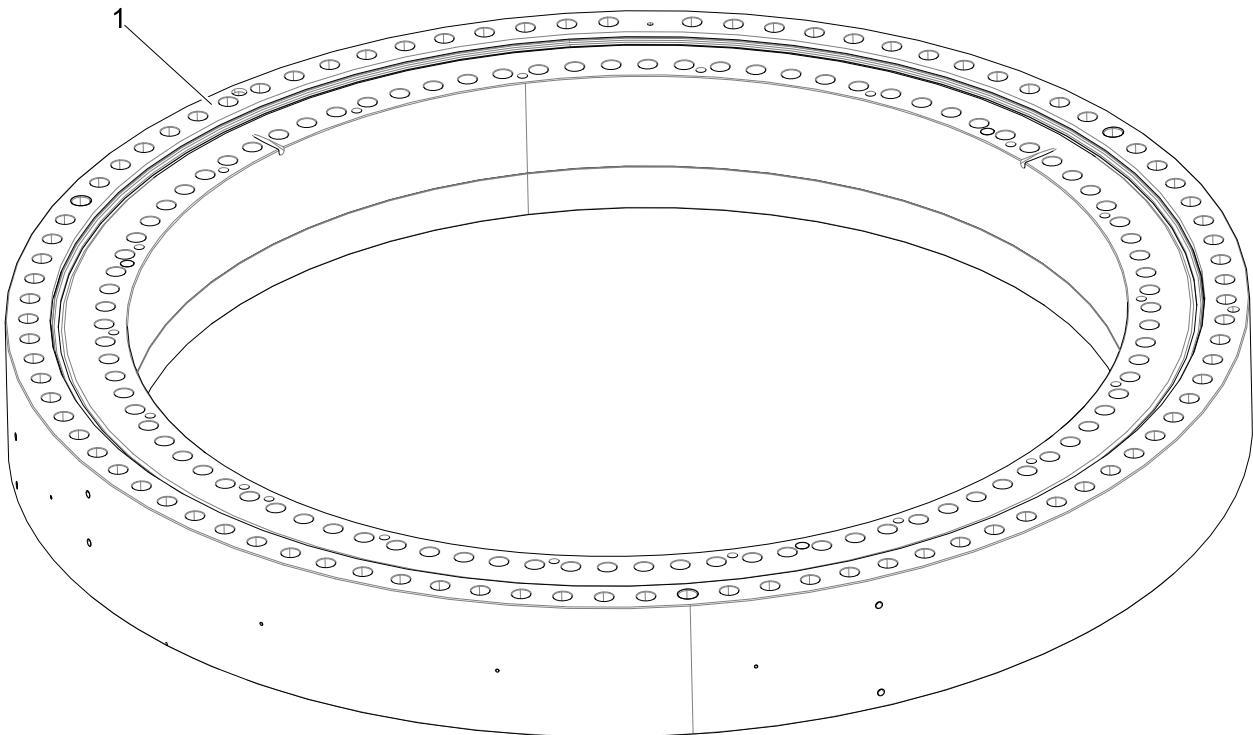
2.18 BLADE CONTROLLER ASSY, 29100677



IPV07771

Pos	Qty	Material No.	Description	Codes	Remarks
1	6	51605002	CT6050 BLADE CONTROLLER		

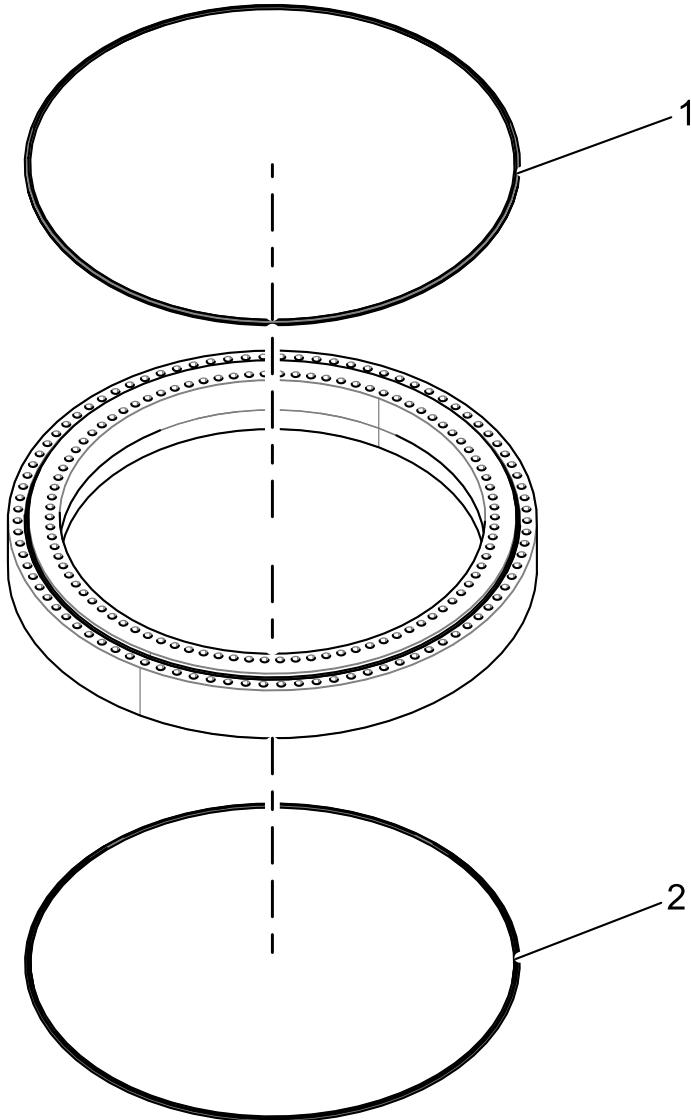
2.19 BLADE BEARING 1927 X 273.5 3RR, 29114553



IPV08646

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	29108908	BB MK11 SPARE PARTS TMB		

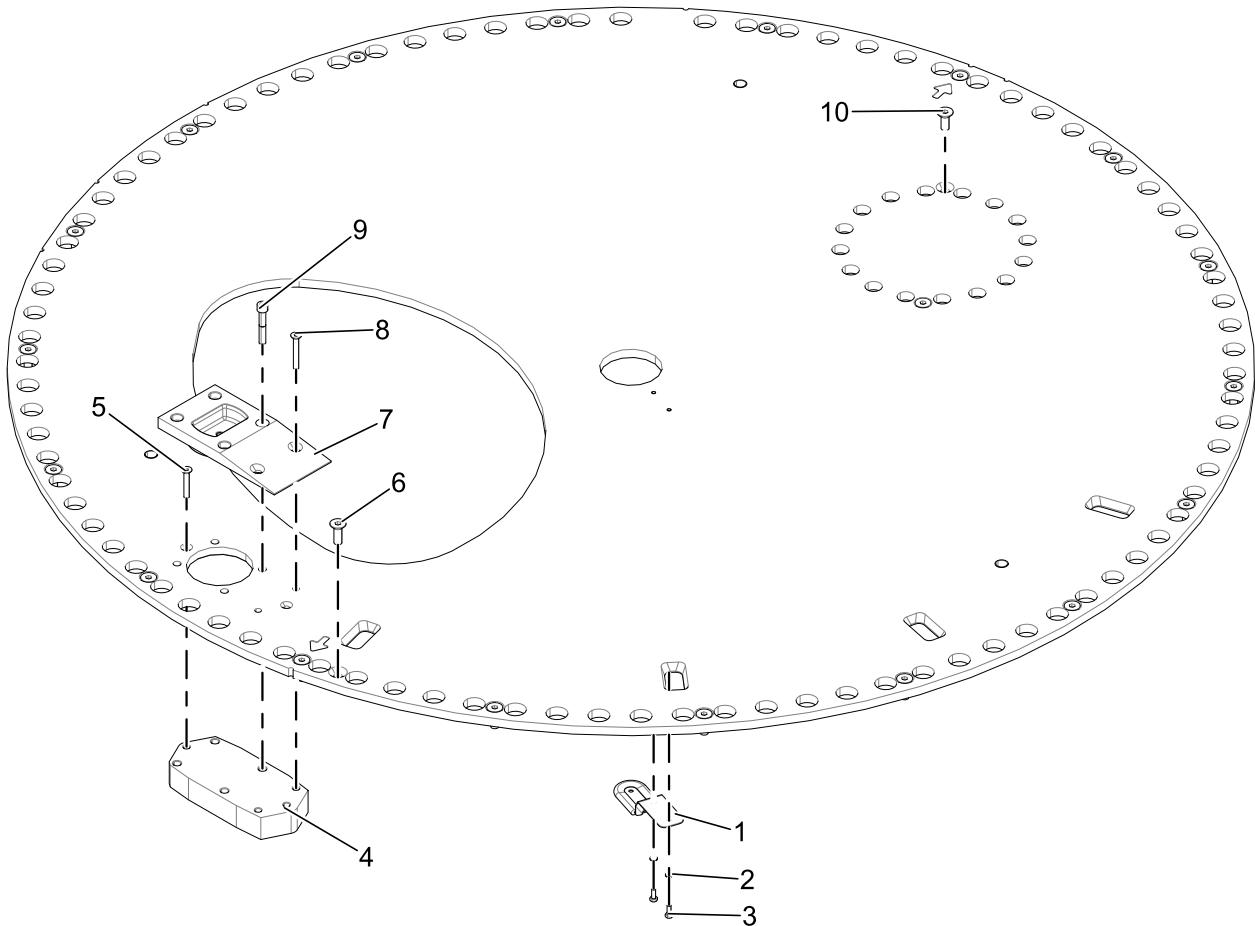
2.20 BB MK11 SPARE PARTS TMB, 29108908



IPV07770

Pos	Qty	Material No.	Description	Codes	Remarks
1	3	29104075	SEAL BB BLADE SIDE TMB		
2	3	29104074	SEAL BB HUB SIDE TMB		

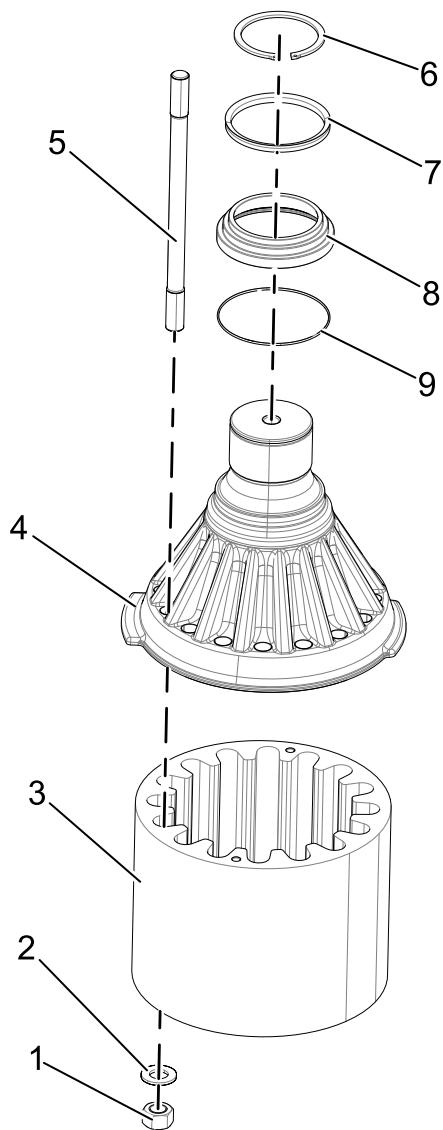
2.21 TORQUE PLATE ASSY, 29115281



IPV08647

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	29045123	BRACKET ENCODER COMPLETE		
2	2	156160	WEDGE LOCK WASHER M6 A4		
3	2	155396	SCREW HEX ISO 4017 M6x16 A4-70		
4	1	29008454	BACKING PLATE FOR WEDGE		
5	2	150945	SCREW SKT FH ISO 10642 M8x50 A4-70		
6	19	150862	SCREW SKT FH ISO 10642 M12x35 A4-70		
7	1	29008314	WEDGE FOR AUTOMATIC BLADE LOCK		
8	2	150954	SCREW SKT FH M8x60 A4-70		
9	4	151333	SCREW ISO4762 M10x60 A4-70		
10	2	29099409	SCREW ISO10642 M12x30 A4-70		

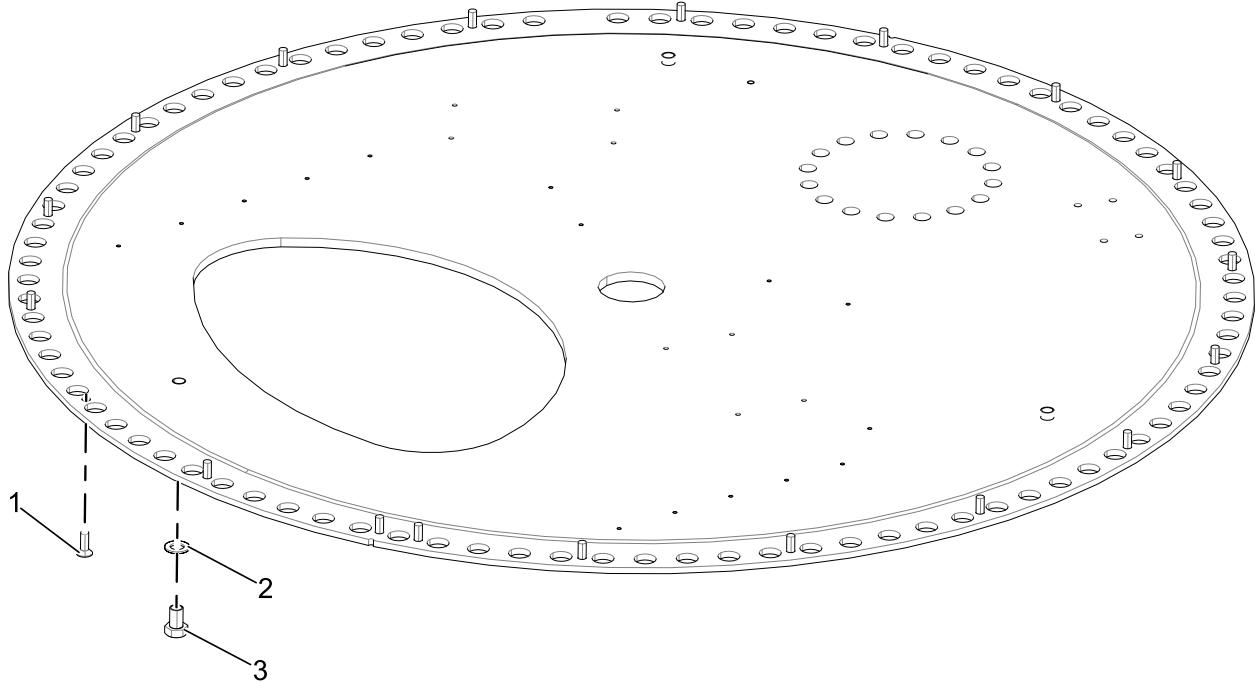
2.22 TORQUE ARM ASSEMBLY, 29120147



IPV08648

Pos	Qty	Material No.	Description	Codes	Remarks
1	16	157073	NUT HEX M24 10 flZnLnc		
2	16	157024	WASHER ISO 7416 M24 HV 300 tZn		
3	1	29120280	TORQUE ARM SUPPORT MACH		
4	1	29117671	TORQUE ARM 16xM24 MACHINED		
5	16	29119558	STUD M24x390 10.9 flZnLnc		
6	1	156067	SEEGERRING-1 110X4,0		
7	1	107976	V-RING V-130A FORSHEDA		
8	1	29008311	BUSHING MACHINED F TORQUE ARM		
9	1	103007	O-RING Ø146X2,62		

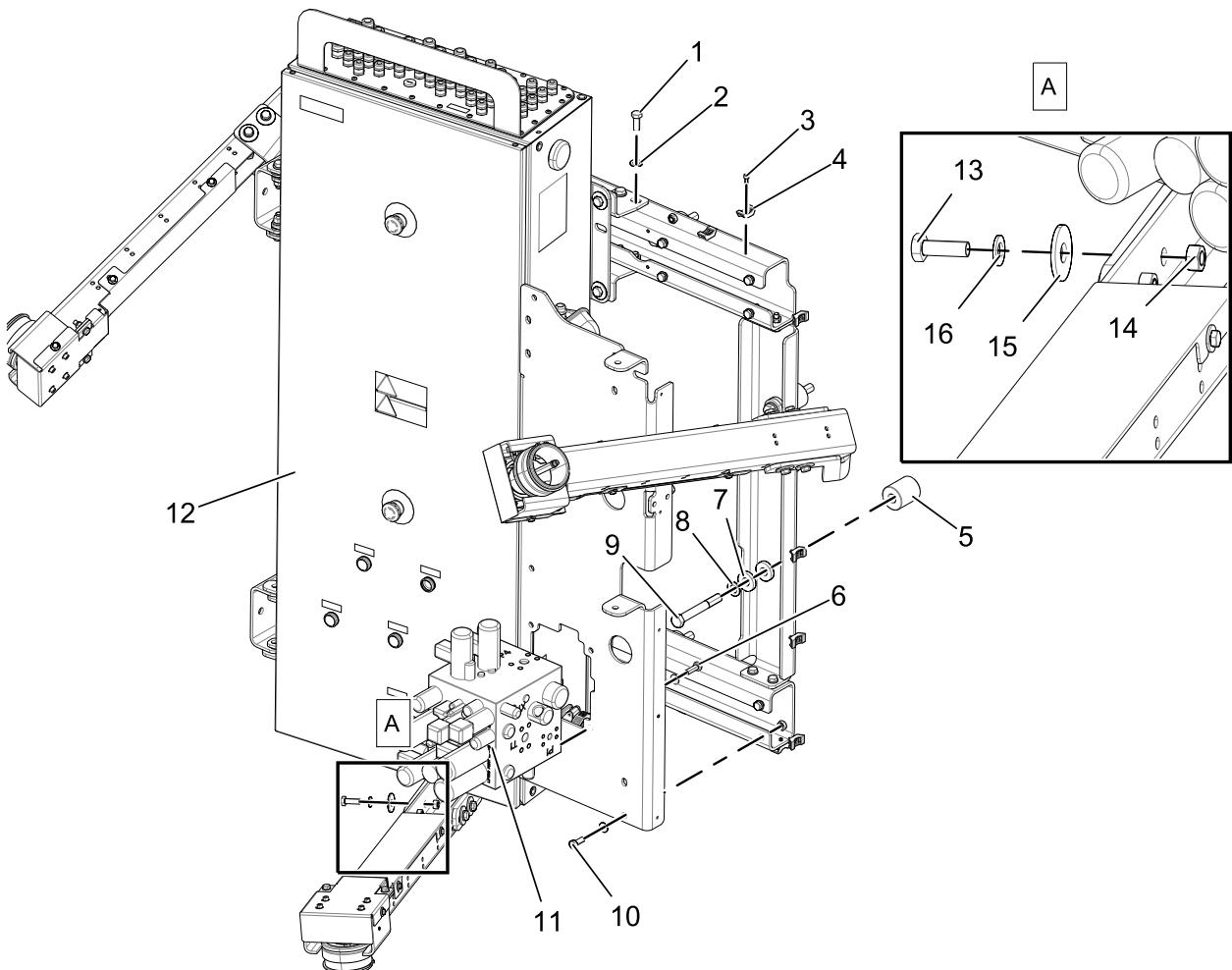
2.23 STIFFENER PLATE ASSY, 29120149



IPV08649

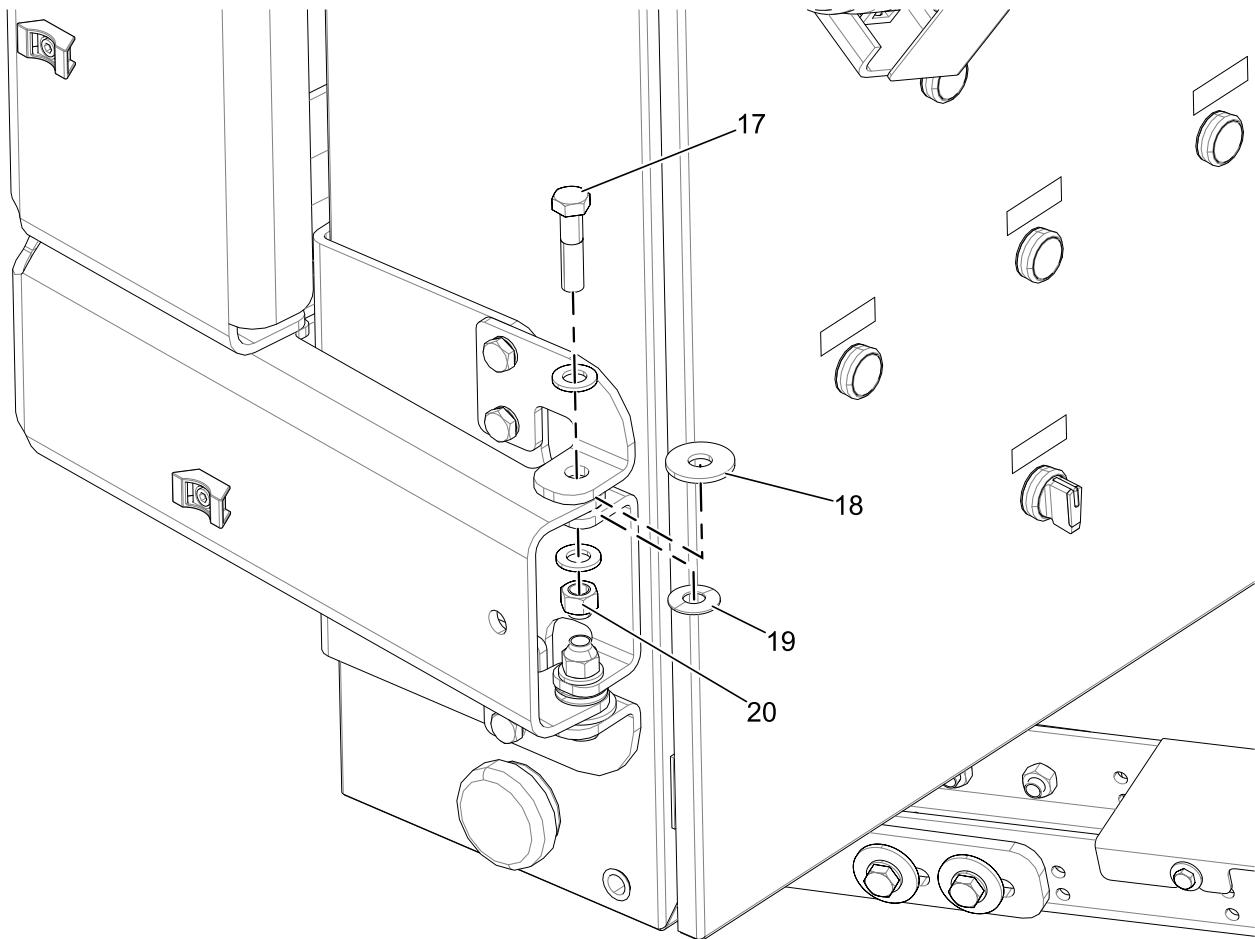
Pos	Qty	Material No.	Description	Codes	Remarks
1	19	150862	SCREW SKT FH ISO 10642 M12x35 A4-70		
2	3	150157	WASHER ISO 7089 M20 HV 200 tZn		
3	3	153989	SCREW HEX M20x30 8.8U tZn		

2.24 CENTER PLATE MODULE, 29114863



IPV08650 Sheet 1

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IPV08650 Sheet 2

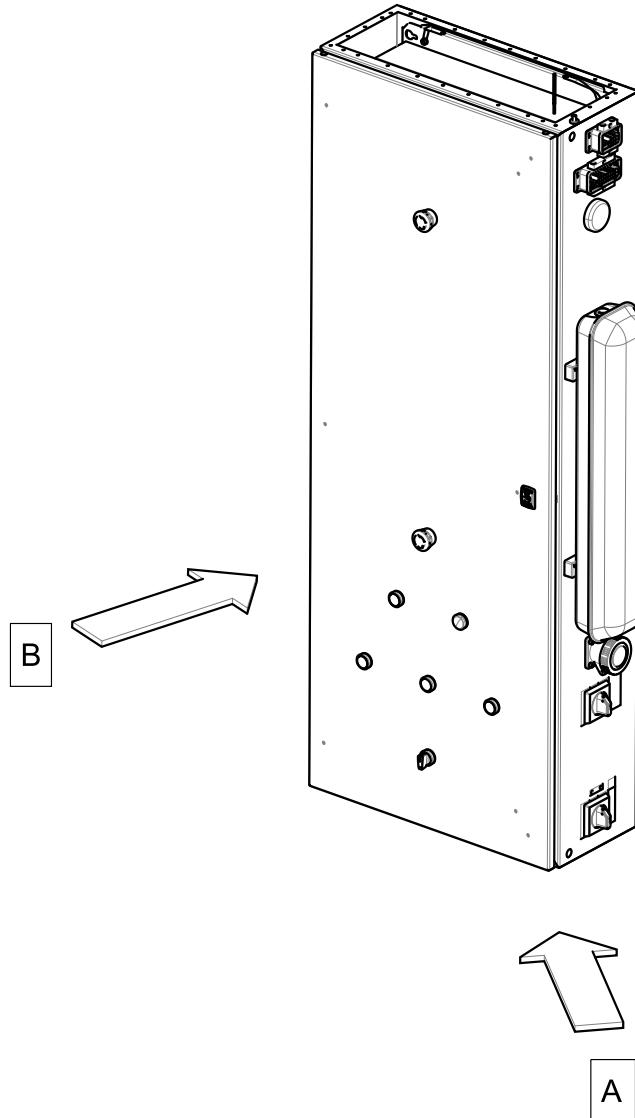
Pos	Qty	Material No.	Description	Codes	Remarks
1	3	152496	SCREW HEX ISO 4017 M12x30 8.8U tZn		
2	10	155759	WASHER ISO 7089 M12 HV 200 tZn		
3	25	151466	SCREW SKT ISO 4762 M6x12 A4-70		
4	25	115544	ANCHOR FOR CABLE TIE STRIP		
5	8	29012672	MOUNTING BUSH FOR CENTER FRAME		
6	4	153397	SCREW HEX ISO 4017 M10x30 8.8U tZn		
7	16	897316	WASHER OBLONG 17.5x40x8 tZn		
8	8	150156	WASHER ISO 7089 M16 HV 200 tZn		
9	8	152237	BOLT ISO 4014 M16x120 8.8U tZn		
10	6	153192	SCREW HEX ISO 4017 M10x25 8.8U tZn		
11	1	10208203	HYDR DISTRIBUTOR MANIFOLD		
12	1	29115890	HUB CONTROL CABINET		
13	12	153167	SCREW HEX ISO 4017 M10x30 8.8 gZn		
14	12	154359	NUT HEX ISO 4032 M10 10 tZn		
15	15	155819	WASHER ISO 7093 M12 HV 140 tZn		

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Pos	Qty	Material No.	Description	Codes	Remarks
16	20	157011	WASHER ISO7089 M10 300HV flZn		
17	4	152226	BOLT HEX ISO 4014 M12x50 8.8U tZn		
18	4	158783	WASHER ISO 7093 M12 PA 6.6		
19	8	153215	WASHER DIN 2093 Ø28xØ12.2x1.25		
20	4	157783	NUT HEX LOCK ISO 7040 M12 A4-70		
NS	0.3	137011	PROFILE RUBBER EPDM 15-602		M
NS	1	29017680	BOX LIGHT SWITCH HUB		
NS	1	29017681	BOX AUTO SERVICE SWITCH HUB		

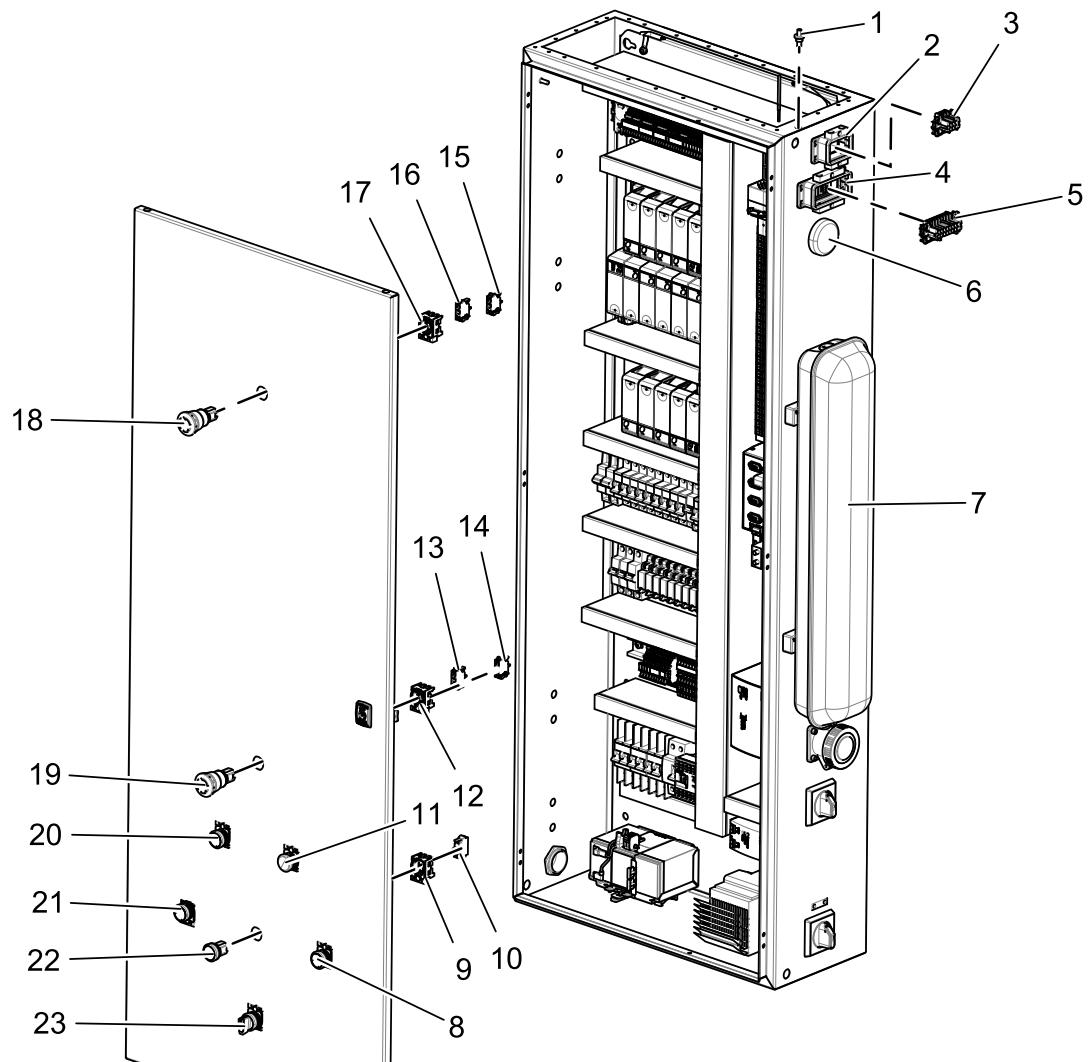
2.25 HUB CONTROL CABINET, 29115890



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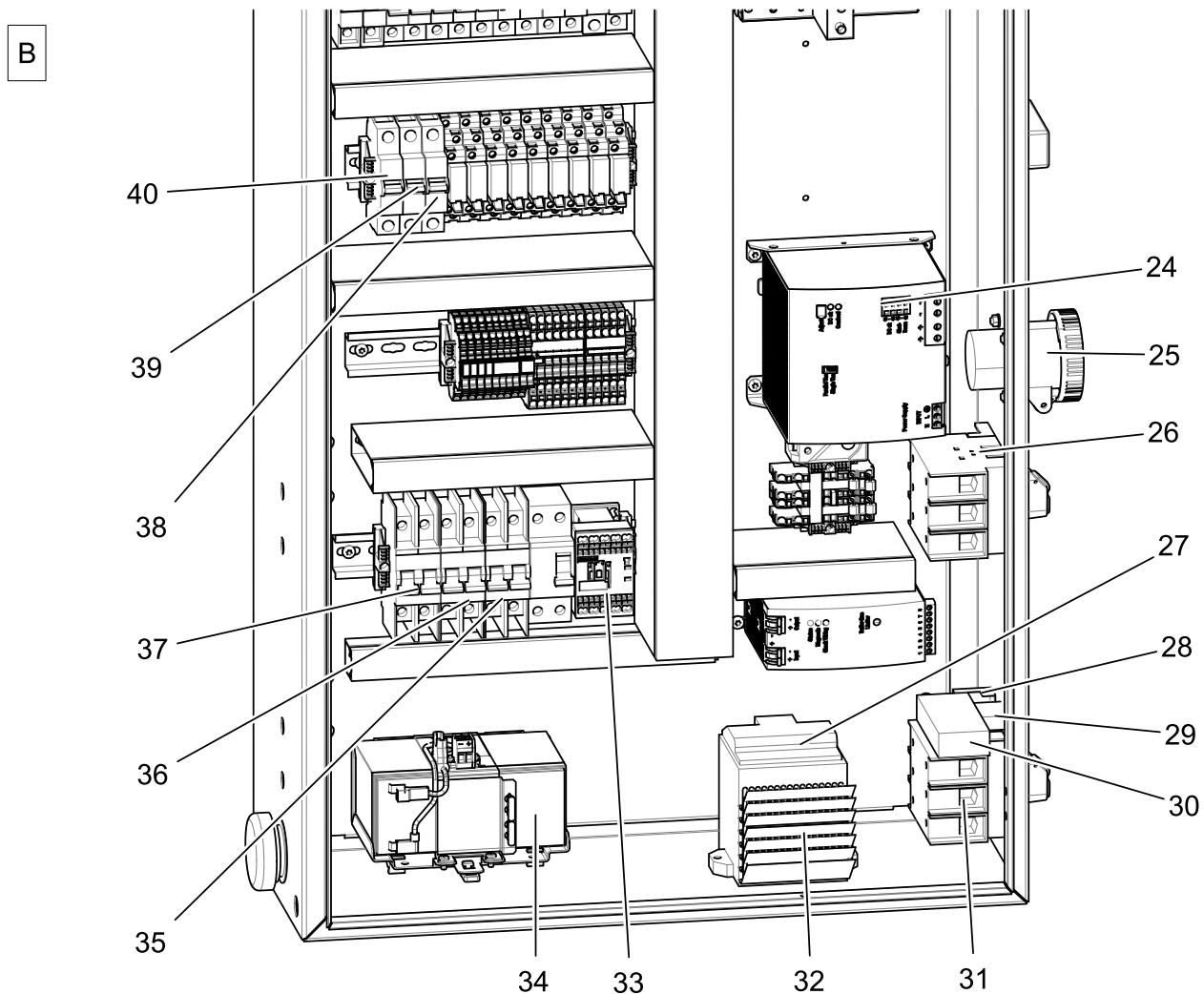
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IPV09717 Sheet 2

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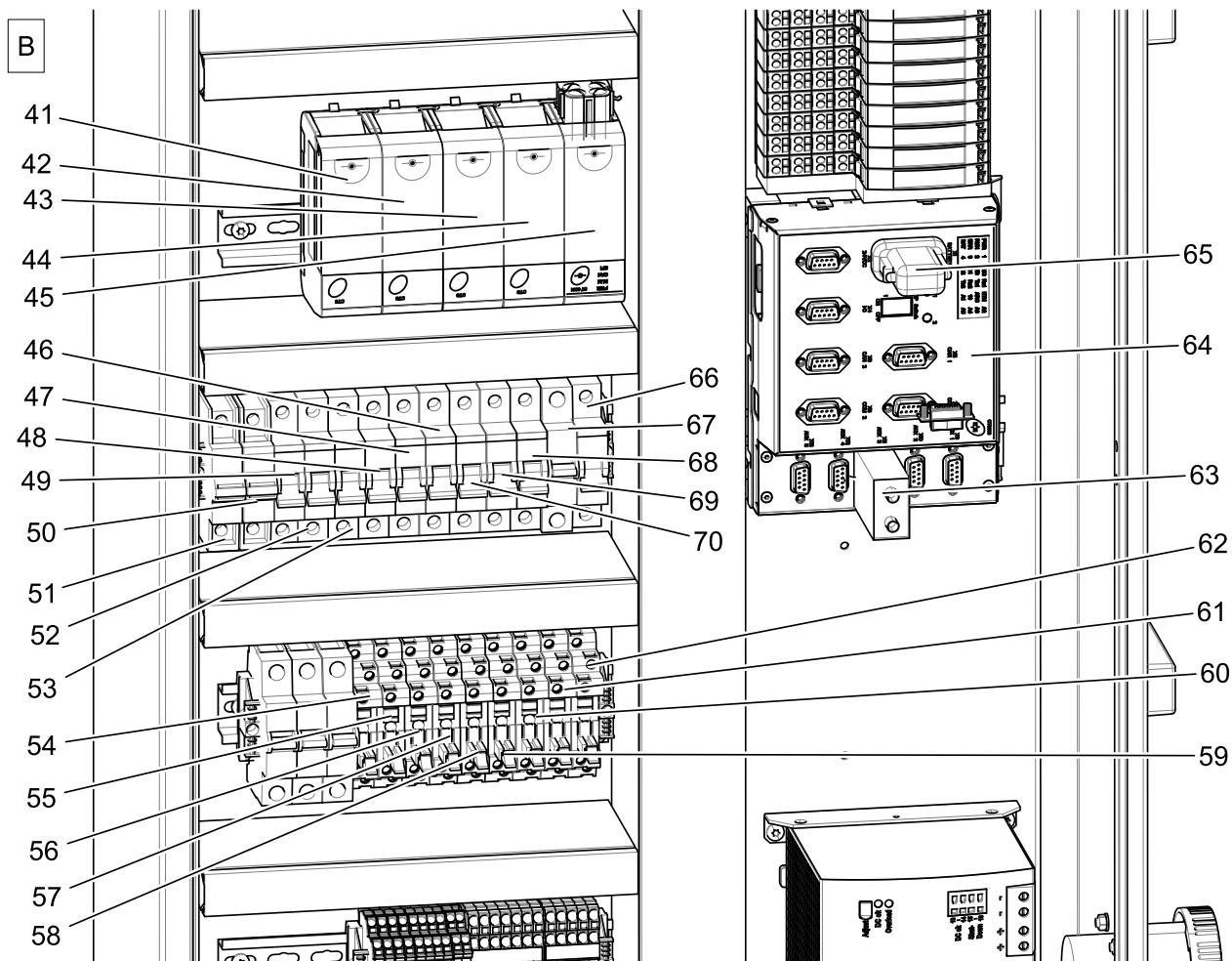


IPV09717 Sheet 3

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V116/V120 2.2 MW, Mk 11D, Hub, Illustrated Part Catalogue
Document number: 0083-9277. Version: 00. Class: Restricted. Type: T09. Date: 2019-05-28

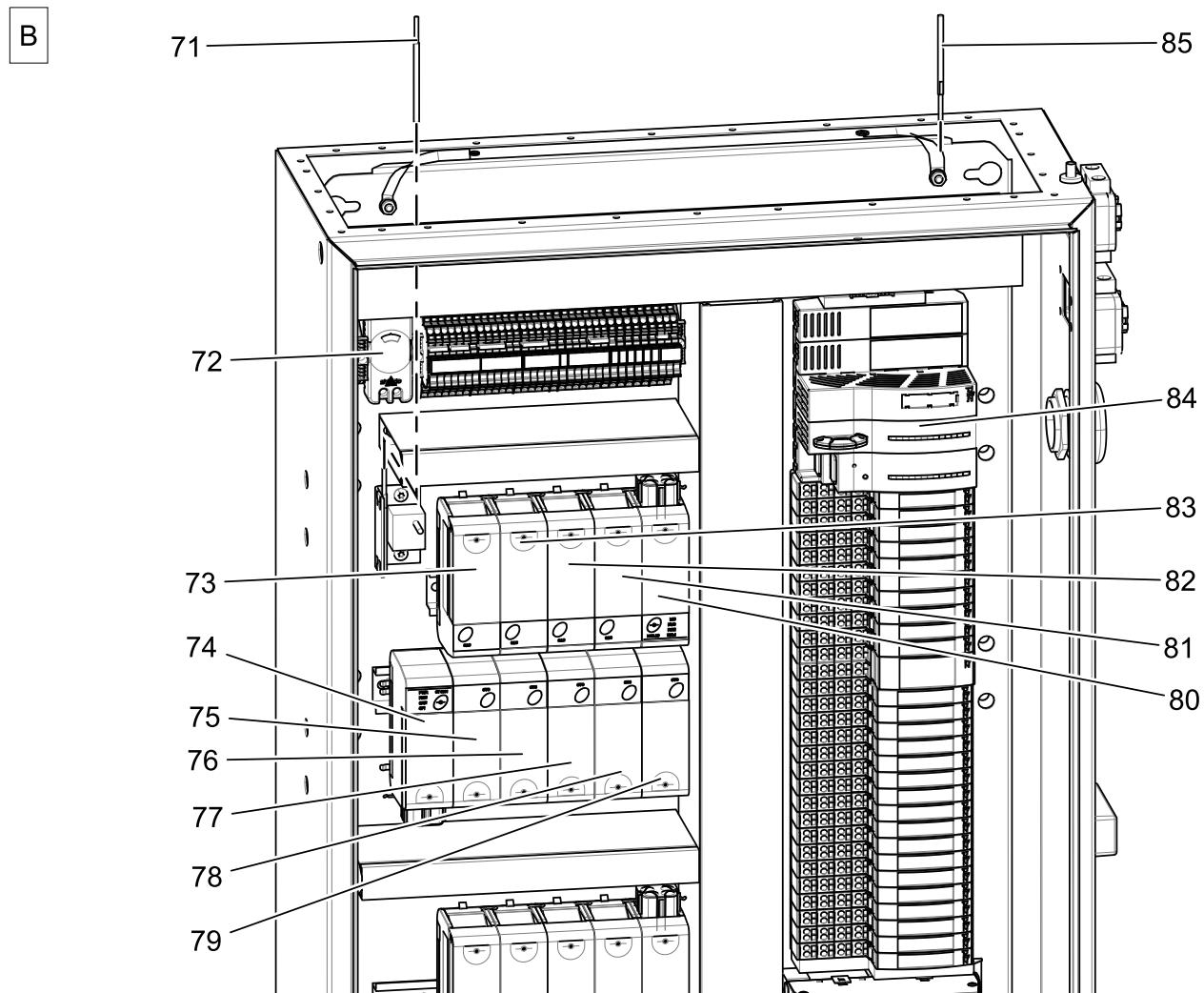
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IPV09717 Sheet 4

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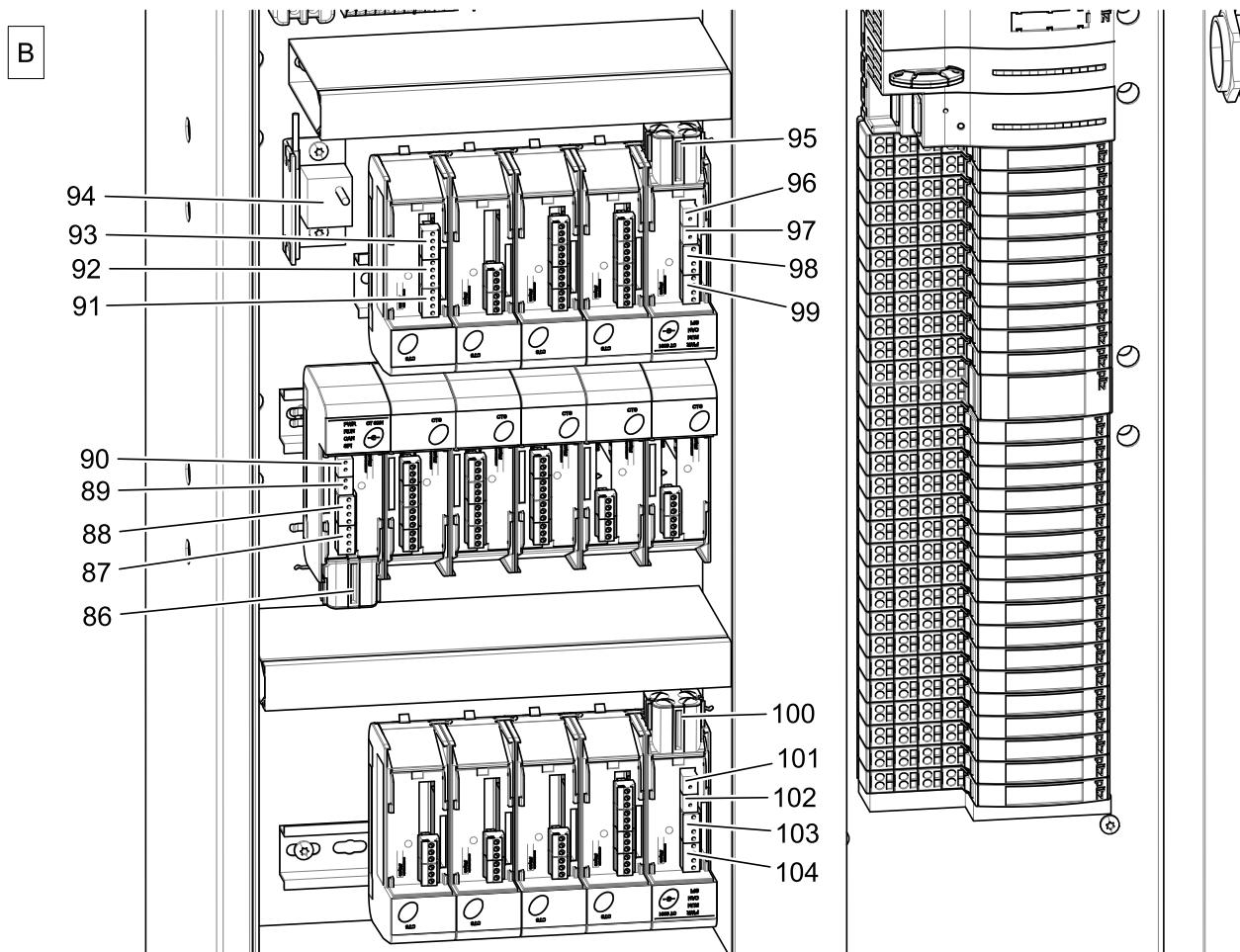
IPV09717 Sheet 5

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V116/V120 2.2 MW, Mk 11D, Hub, Illustrated Part Catalogue
Document number: 0083-9277. Version: 00. Class: Restricted. Type: T09. Date: 2019-05-28

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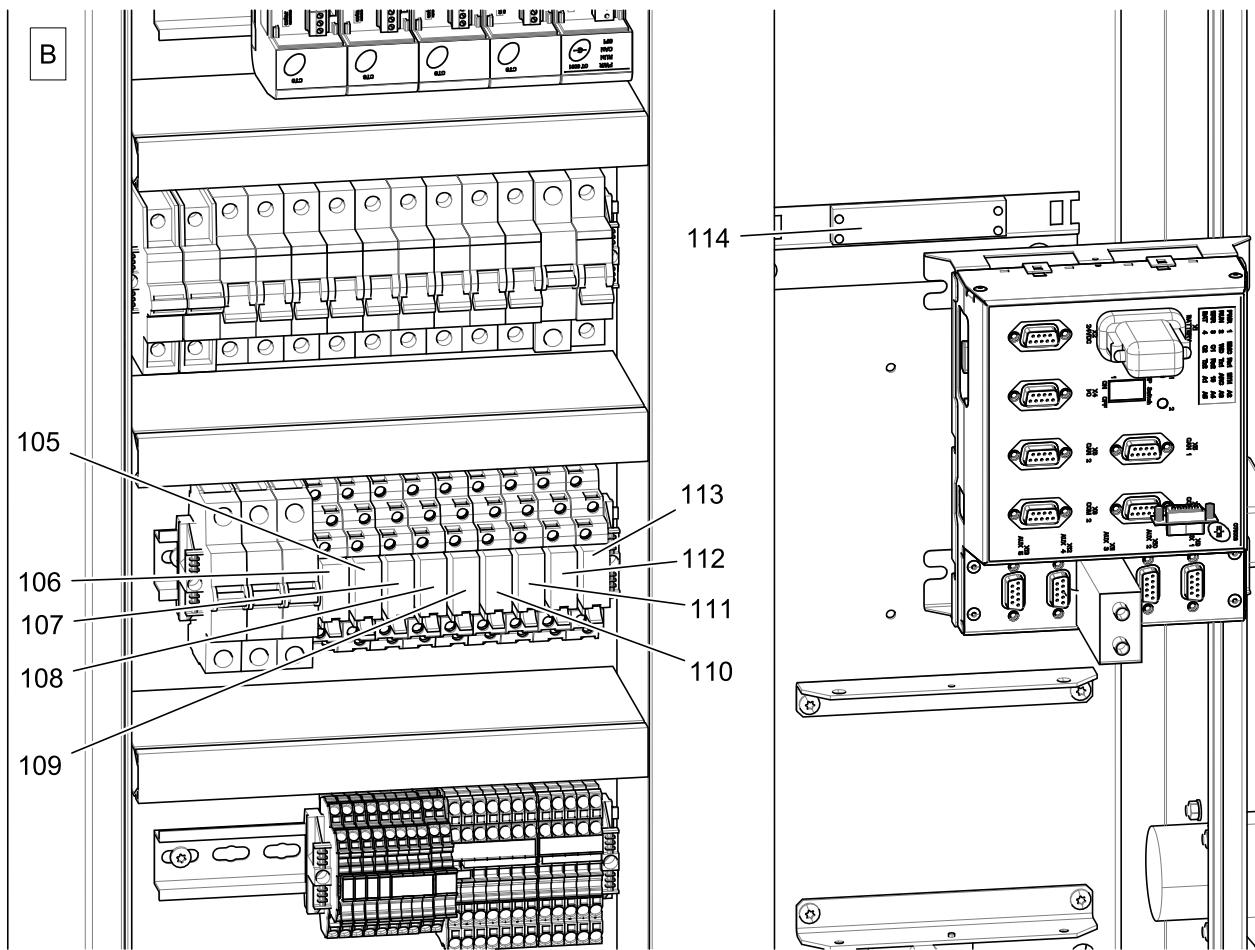


IPV09717 Sheet 6

RESTRICTED

V116/V120 2.2 MW, Mk 11D, Hub, Illustrated Part Catalogue
Document number: 0083-9277. Version: 00. Class: Restricted. Type: T09. Date: 2019-05-28

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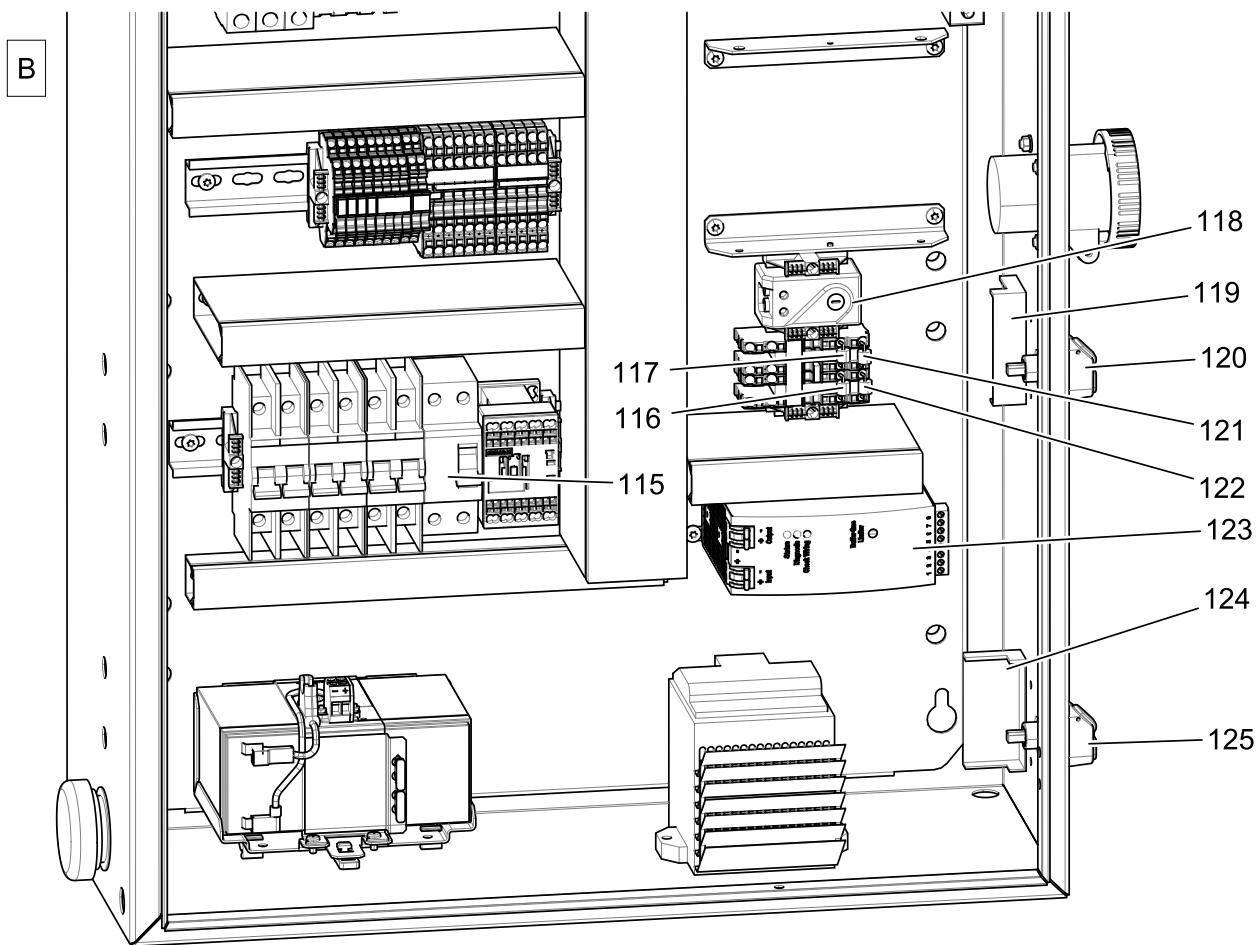


IPV09717 Sheet 7

RESTRICTED

V116/V120 2.2 MW, Mk 11D, Hub, Illustrated Part Catalogue
Document number: 0083-9277. Version: 00. Class: Restricted. Type: T09. Date: 2019-05-28

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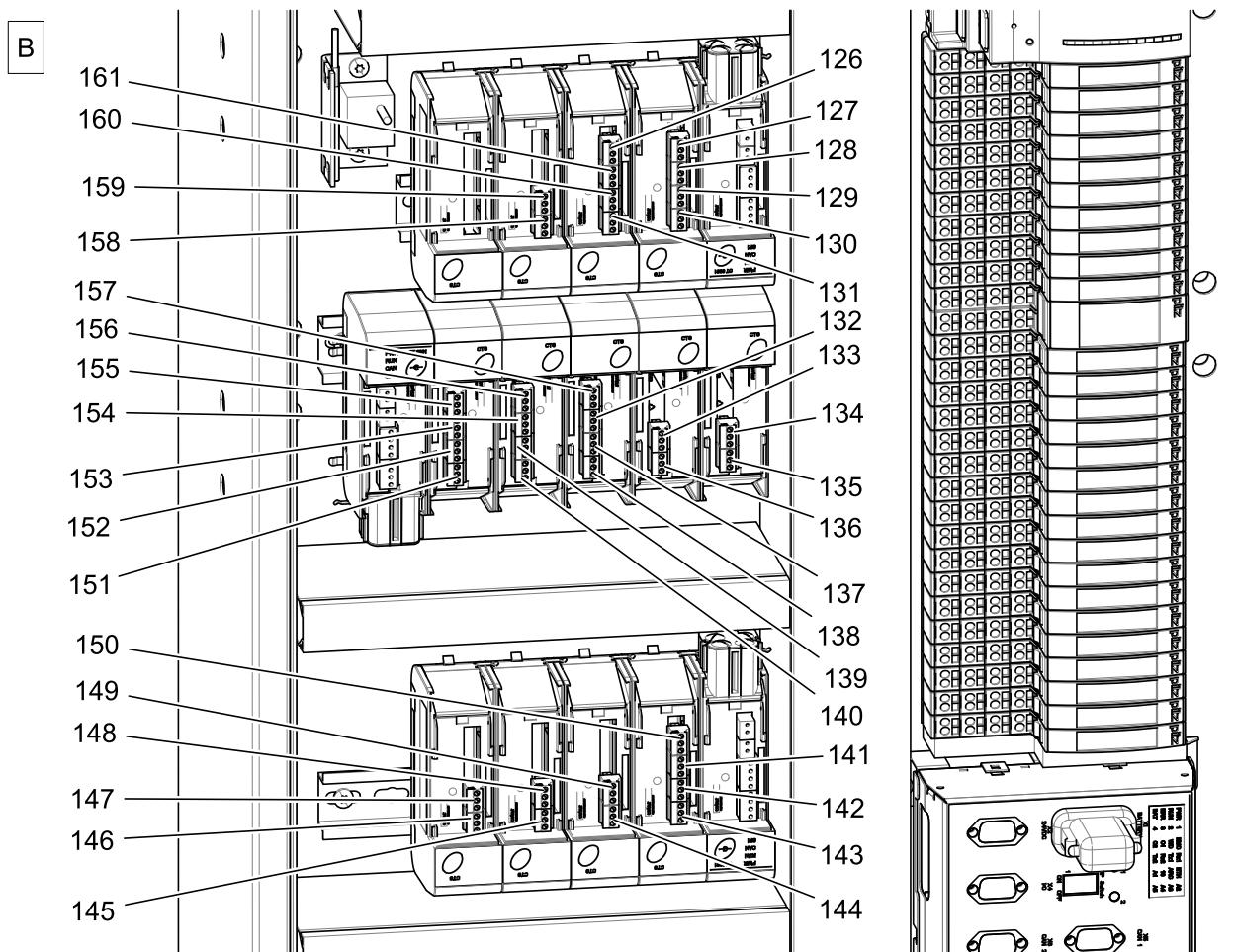
IPV09717 Sheet 8

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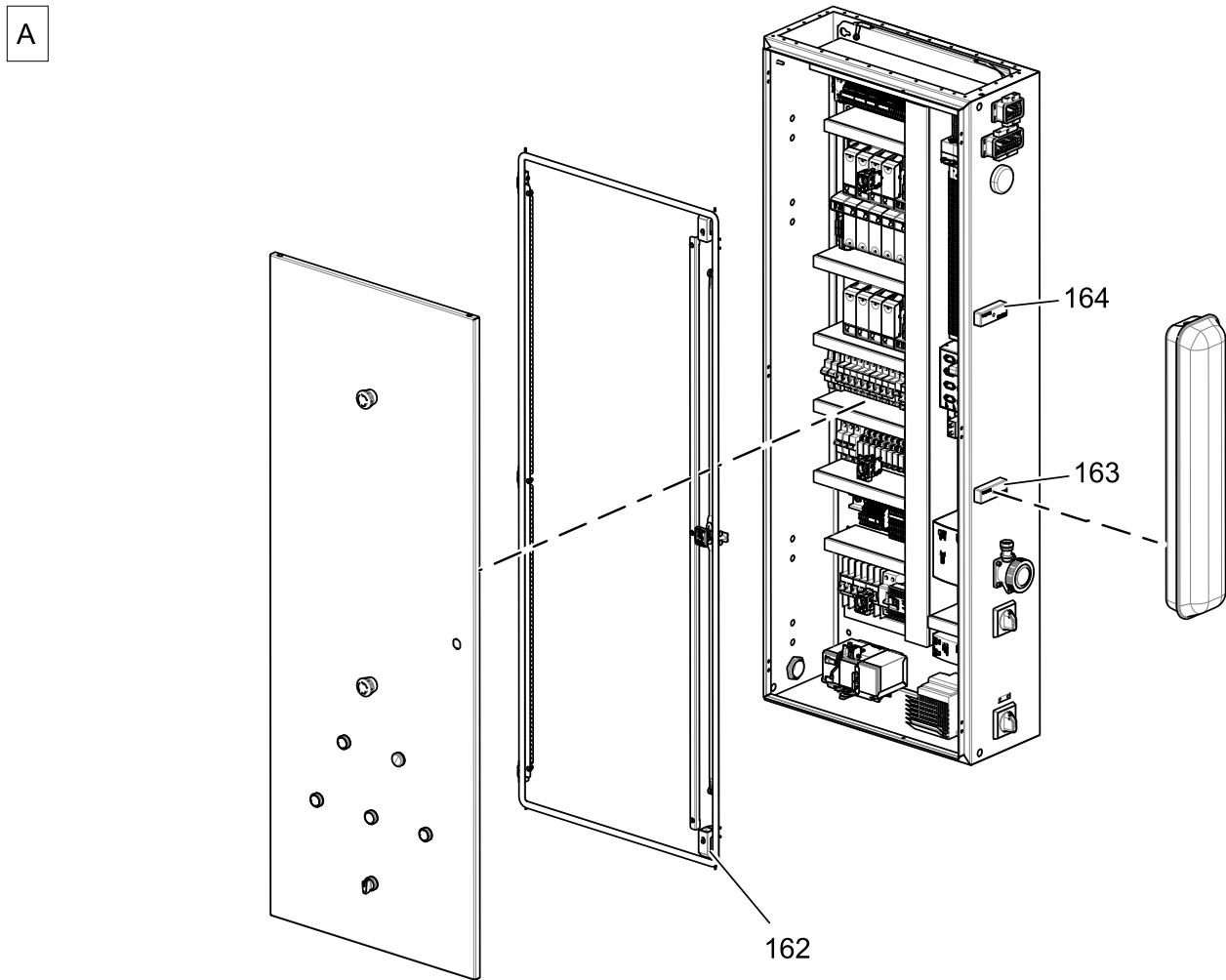
V116/V120 2.2 MW, Mk 11D, Hub, Illustrated Part Catalogue
Document number: 0083-9277. Version: 00. Class: Restricted. Type: T09. Date: 2019-05-28

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IPV09717 Sheet 9

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IPV09717 Sheet 10

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	60008794	FIBRE PLUG ST-COUPLER AMP 05-5	-615-10-01-X2	
2	1	189386	HOUSING OPEN SIZE 6 SCR LOCK	-630-50-X2_1	
3	1	189295	CONN INSERT MALE 6 P	-630-50-X2	
4	1	189456	HOUSING OPEN SIZE 16 SCREW LOC	-630-50-X1_1	
5	2	189260	MALE INSERT 16 SIZE 690V	-630-50-X1	
6	1	29124389	PLUG VENT M40		
7	1	195400	LUMINARY 2X18W W EMERG LIGHT	-635-06-01-E2	
8	1	29124380	PUSH BUTTON 3SU1100-0AB10-3BA0	-615-06-01-S2	
9	1	29124376	HOLDER 3SU1500-1AA10-1NA0	-135-S4_1	

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Pos	Qty	Material No.	Description	Codes	Remarks
10	1	29124381	CONTACT BLK 3SU1400-1AA10-3BA0	-135-S4_2	
11	1	29124267	LIGHT GREEN 3SU1102-6AA40-3AA0	-135-P1	
12	1	29121811	HOLDER 3SU1500-0AA10-0AA0	-135-S1_1	
13	1	29121813	CONT MODULE 3SU1400-1AA10-3CA0	-135-S1_2	
14	1	29121813	CONT MODULE 3SU1400-1AA10-3CA0	-135-S1_3	
15	1	29121813	CONT MODULE 3SU1400-1AA10-3CA0	-135-S2_3	
16	1	29121813	CONT MODULE 3SU1400-1AA10-3CA0	-135-S2_2	
17	1	29121811	HOLDER 3SU1500-0AA10-0AA0	-135-S2_1	
18	1	29124377	EMG STOP 3SU1000-1HB20-0AA0	-135-S2	
19	1	29124377	EMG STOP 3SU1000-1HB20-0AA0	-135-S1	
20	1	29124378	PUSH BUTTON 3SU1100-0AB50-3BA0	-615-06-01-S4	
21	1	29124266	PUSH BUTTON 3SU1100-0AB60-3BA0	-615-06-01-S3	
22	1	29124268	PUSH BUTTON 3SU1000-0AB70-0AA0	-135-S4	
23	1	29124379	CLUTCH ROT 3SU1100-2BL60-3NA0	-615-06-01-S1	
24	1	29102205	POWER SUPPLY DC 24V QS40.244	-660-26-15-T1	
25	1	29124269	OUTLET CEE 1P+N+E 16A IP67	-635-06-01-X1	
26	1	29124382	SWI SWDIS 30A 3P OT30FT3	-130-Q2	
27	1	29121810	HEATER ELECTRIC CSL02810.0-14	-625-10-01-E3	
28	1	29124375	TERMINAL SHROUD OTS125T1	-130-Q1_1	
29	1	186195	AUX CONT OA1G10 16A	-130-Q1_4	
30	1	29124374	FOURTH POLE OTPS125FD	-130-Q1_5	
31	1	29124382	SWI SWDIS 30A 3P OT30FT3	-130-Q1	
32	1	29124264	DUCT AIR FOR FAN HEATER CSL028	-625-10-01-E3_1	
33	1	29127027	CONT 3RH2140-2FB40-1AA0 24VDC	-615-06-05-K2	
34	1	29124386	BATTERY 12V 7AH NP712LTW	-130-02-G1	

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Pos	Qty	Material No.	Description	Codes	Remarks
35	1	29124385	MCB SU202M-C6 6A C 10kA 2P	-636-06--F1	
36	1	29124384	MCB SU202M-C13 13A C 10KA 2P	-120-08--17-10-F1	
37	1	29124385	MCB SU202M-C6 6A C 10kA 2P	-625-10--01-F1	
38	1	184964	MCB S201-Z1 1A Z 1P	-615-06--F5	
39	1	184964	MCB S201-Z1 1A Z 1P	-615-06--F4	
40	1	184964	MCB S201-Z1 1A Z 1P	-615-06--F3	
41	1	51622005	CT6220 ANALOG INPUT 0-24mA	-615-06--11-K4	
42	1	51622005	CT6220 ANALOG INPUT 0-24mA	-615-06--11-K3	
43	1	51622005	CT6220 ANALOG INPUT 0-24mA	-615-06--11-K2	
44	1	51622005	CT6220 ANALOG INPUT 0-24mA	-615-06--11-K1	
45	1	51622005	CT6220 ANALOG INPUT 0-24mA	-615-06--11-T1	
51	1	29124383	MCB S201M-B4 4A B 1P UL489	-135-F3	
52	1	29124383	MCB S201M-B4 4A B 1P UL489	-135-F2	
53	1	29124383	MCB S201M-B4 4A B 1P UL489	-135-F1	
56	1	29124383	MCB S201M-B4 4A B 1P UL489	-120-02--F1	
57	1	184953	MCB S201-Z4 4A Z 1P	-120-F2	
58	1	184953	MCB S201-Z4 4A Z 1P	-105-F1	
55	1	29124383	MCB S201M-B4 4A B 1P UL489	-120-04--F1	
54	1	29124383	MCB S201M-B4 4A B 1P UL489	-120-06--F1	
59	1	29109737	SOCKET F/G2R-1 P2RF-05-E	-120-02--05-K1	
60	1	29109737	SOCKET F/G2R-1 P2RF-05-E	-120-04--05-K1	
61	1	29109737	SOCKET F/G2R-1 P2RF-05-E	-120-06--05-K1	
62	1	29109737	SOCKET F/G2R-1 P2RF-05-E	-120-08--23-02-K1	
63	1	29109737	SOCKET F/G2R-1 P2RF-05-E	-120-08--23-04-K1	

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Pos	Qty	Material No.	Description	Codes	Remarks
64	1	29109737	SOCKET F/G2R-1 P2RF-05-E	-120-08- 23-06-K1	
65	1	29109737	SOCKET F/G2R-1 P2RF-05-E	-615-06- 05-K1	
66	1	29109737	SOCKET F/G2R-1 P2RF-05-E	-625-10- 01-K1	
67	1	29109737	SOCKET F/G2R-1 P2RF-05-E	-625-26- 15-K1	
68	1	51625602	CT6256 MEDIA CONV ARCN ET	-615-10- 01-B1	
69	1	51600303	CT6003 PROCESSOR	-615-06- 05-K3	
70	1	51624501	CT6245 BATTERY 3,6V	-615-06- 05-G1	
46	1	29124383	MCB S201M-B4 4A B 1P UL489	-655-12- F1	
47	1	184951	MCB S201B6 6A B 1P	-615-06- F2	
48	1	29124383	MCB S201M-B4 4A B 1P UL489	-615-06- F1	
49	1	29124383	MCB S201M-B4 4A B 1P UL489	-615-06- 05-F1	
50	1	29124383	MCB S201M-B4 4A B 1P UL489	-135-F4	
71	1	29124265	SENSOR PT100 4W 1.5m ø6x60mm	-625-10- 07-BT1	
72	1	29124388	THERMOSTAT NC 10A 01115.0-00	-625-10- 01-BM1	
73	1	51622104	CT6221 PT100 INTERFACE	-615-06- 07-K4	
74	1	51606109	CT6061 I/O CONTROLLER	-615-06- 09-T1	
75	1	51613705	CT6137 24VDC 1A COMBI I/O	-615-06- 09-K1	
76	1	51613705	CT6137 24VDC 1A COMBI I/O	-615-06- 09-K2	
77	1	51613705	CT6137 24VDC 1A COMBI I/O	-615-06- 09-K3	
78	1	51622005	CT6220 ANALOG INPUT 0-24mA	-615-06- 09-K4	
79	1	51622005	CT6220 ANALOG INPUT 0-24mA	-615-06- 09-K5	
80	1	51606109	CT6061 I/O CONTROLLER	-615-06- 07-T1	

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Pos	Qty	Material No.	Description	Codes	Remarks
81	1	51613705	CT6137 24VDC 1A COMBI I/O	-615-06-07-K1	
82	1	51613705	CT6137 24VDC 1A COMBI I/O	-615-06-07-K2	
83	1	51622005	CT6220 ANALOG INPUT 0-24mA	-615-06-07-K3	
84	1	29127026	IC PLD SAFETY ASSEMBLY	-135-K100	
85	1	29124265	SENSOR PT100 4W 1.5m ø6x60mm	-625-10-07-BT2	
86	1	95865	CT 6190 CABLE ENTRY	-615-06-09-T1_1	
87	1	106207	PRINT PLUG 4 POLE MCVR	-615-06-09-T1-X4	
88	1	106207	PRINT PLUG 4 POLE MCVR	-615-06-09-T1-X3	
89	1	106202	PLUG MCVR 1,5/2-ST-3,81	-615-06-09-T1-X2	
90	1	106202	PLUG MCVR 1,5/2-ST-3,81	-615-06-09-T1-X1	
91	1	106207	PRINT PLUG 4 POLE MCVR	-615-06-07-K4-X3	
92	1	106207	PRINT PLUG 4 POLE MCVR	-615-06-07-K4-X2	
93	1	106207	PRINT PLUG 4 POLE MCVR	-615-06-07-K4-X1	
94	1	114936	SENSOR ANGULAR RATE 11206AC	-135-02-BG1	
95	1	95865	CT 6190 CABLE ENTRY	-615-06-07-T1_1	
96	1	106202	PLUG MCVR 1,5/2-ST-3,81	-615-06-07-T1-X1	
97	1	106202	PLUG MCVR 1,5/2-ST-3,81	-615-06-07-T1-X2	
98	1	106207	PRINT PLUG 4 POLE MCVR	-615-06-07-T1-X3	
99	1	106207	PRINT PLUG 4 POLE MCVR	-615-06-07-T1-X4	
100	1	95865	CT 6190 CABLE ENTRY	-615-06-11-T1_1	
101	1	106202	PLUG MCVR 1,5/2-ST-3,81	-615-06-11-T1-X1	
102	1	106202	PLUG MCVR 1,5/2-ST-3,81	-615-06-11-T1-X2	

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Pos	Qty	Material No.	Description	Codes	Remarks
103	1	106207	PRINT PLUG 4 POLE MCVR	-615-06-11-T1-X3	
104	1	106207	PRINT PLUG 4 POLE MCVR	-615-06-11-T1-X4	
105	1	29090083	RELAY G2R-2SND-24VDC 2P OMRON	-120-04-05-K1_1	
106	1	29090083	RELAY G2R-2SND-24VDC 2P OMRON	-120-02-05-K1_1	
107	1	29090083	RELAY G2R-2SND-24VDC 2P OMRON	-120-06-05-K1_1	
108	1	29090083	RELAY G2R-2SND-24VDC 2P OMRON	-120-08-23-02-K1_1	
109	1	29090083	RELAY G2R-2SND-24VDC 2P OMRON	-120-08-23-04-K1_1	
110	1	29090083	RELAY G2R-2SND-24VDC 2P OMRON	-120-08-23-06-K1_1	
111	1	29090083	RELAY G2R-2SND-24VDC 2P OMRON	-615-06-05-K1_1	
112	1	29090083	RELAY G2R-2SND-24VDC 2P OMRON	-625-10-01-K1_1	
113	1	29090083	RELAY G2R-2SND-24VDC 2P OMRON	-625-26-15-K1_1	
114	1	S093598	WDM OPTICAL FILTER 850/1310NM	-615-10-01-K1	
115	1	60110888	RCCB F202-25/0.03 25A 0.03A 2P	-636-06-F2	
117	1	29097762	DIODE 40V/30A SBX3040	-130-02-R1_3	
118	1	29097762	DIODE 40V/30A SBX3040	-130-02-R1_1	
119	1	114447	THERMOSTAT KTS 01147.9-00	-625-10-01-BM2	
122	1	60005778	SWI COVER OTS125T3 3P	-130-Q2_2	
124	1	186191	HANDLE FOR OT16-125FT OHBS2RJ	-130-Q2_3	
120	1	29097762	DIODE 40V/30A SBX3040	-130-02-R1_4	
121	1	29097762	DIODE 40V/30A SBX3040	-130-02-R1_2	

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Pos	Qty	Material No.	Description	Codes	Remarks
116	1	189196	24V DC UPS CONTROL UNIT	-130-02-- T3	
123	1	60005778	SWI COVER OTS125T3 3P	-130-Q1_2	
125	1	186191	HANDLE FOR OT16-125FT OHBS2RJ	-130-Q1_3	
126	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 07-K2-X1	
127	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 07-K1-X1	
128	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 07-K1-X2	
129	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 07-K1-X3	
130	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 07-K1-X4	
131	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 07-K2-X4	
132	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 09-K3-X2	
133	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 09-K4-X1	
134	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 09-K5-X1	
135	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 09-K5-X2	
146	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 09-K4-X2	
147	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 09-K3-X3	
148	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 09-K3-X4	
150	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 09-K2-X3	
149	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 09-K2-X4	
136	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 11-K1-X2	
137	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 11-K1-X3	
138	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 11-K1-X4	
139	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-- 11-K2-X2	



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Pos	Qty	Material No.	Description	Codes	Remarks
140	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-11-K3-X2	
141	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-11-K4-X2	
142	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-11-K4-X1	
143	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-11-K3-X1	
144	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-11-K2-X1	
145	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-11-K1-X1	
151	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-09-K1-X4	
152	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-09-K1-X3	
153	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-09-K1-X2	
157	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-09-K2-X2	
154	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-09-K1-X1	
156	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-09-K2-X1	
155	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-09-K3-X1	
158	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-07-K3-X2	
159	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-07-K3-X1	
160	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-07-K2-X3	
161	1	106203	PRINT PLUG 3 POLE MCVR	-615-06-07-K2-X2	
162	1	29124373	HUB DOOR AND ACCESSORIES		
163	1	786738	MINI MAGNET	-635-06-01-E2_1	
164	1	786738	MINI MAGNET	-635-06-01-E2_2	
165	1	60008794	FIBRE PLUG ST-COUPLER AMP 05-5	-615-10-01-X2	
NS	3	29124370	PLUG BLANK PG9/P11		



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Pos	Qty	Material No.	Description	Codes	Remarks
NS	1	29124387	CABLE -615-10-01-W3	-615-10-01-W3	
NS	1	29124397	CABLE -105-06-09-W2	-105-06-09-W2	
NS	1	29124398	CABLE-105-04-09-W2/-120-06-W2	-105-04-09-W2/-120-06-W2	
NS	1	29124399	CABLE-105-02-09-W2/-120-04-W2	-105-02-09-W2/-120-04-W2	
NS	1	29124420	CABLE -615-06-11-W2	-615-06-11-W2	
NS	1	29124421	CABLE -615-06-09-W2	-615-06-09-W2	
NS	1	29124422	CABLE -615-06-07-W2	-615-06-07-W2	
NS	1	29124423	CABLE -120-06-01-W2	-120-06-01-W2	
NS	1	29124424	CABLE -120-04-01-W2	-120-04-01-W2	
NS	1	29124425	CABLE -120-02-01-W2	-120-02-01-W2	
NS	1	29124426	CABLE -135-W3	-135-W3	
NS	1	29124427	CABLE -120-06-W1	-120-06-W1	
NS	1	29124428	CABLE -120-04-W1	-120-04-W1	
NS	1	29124429	CABLE -120-02-W1	-120-02-W1	
NS	1	29124430	CABLE -120-08-23-06-W1	-120-08-23-06-W1	
NS	1	29124431	CABLE -120-08-23-04-W1	-120-08-23-04-W1	
NS	1	29124432	CABLE -120-08-23-02-W1	-120-08-23-02-W1	
NS	1	29124433	CABLE -120-06-05-W1	-120-06-05-W1	
NS	1	29124434	CABLE -120-04-05-W1	-120-04-05-W1	
NS	1	29124435	CABLE -120-02-05-W1	-120-02-05-W1	
NS	1	29124436	CABLE -120-06-07-W1	-120-06-07-W1	
NS	1	29124437	CABLE -120-04-07-W1	-120-04-07-W1	

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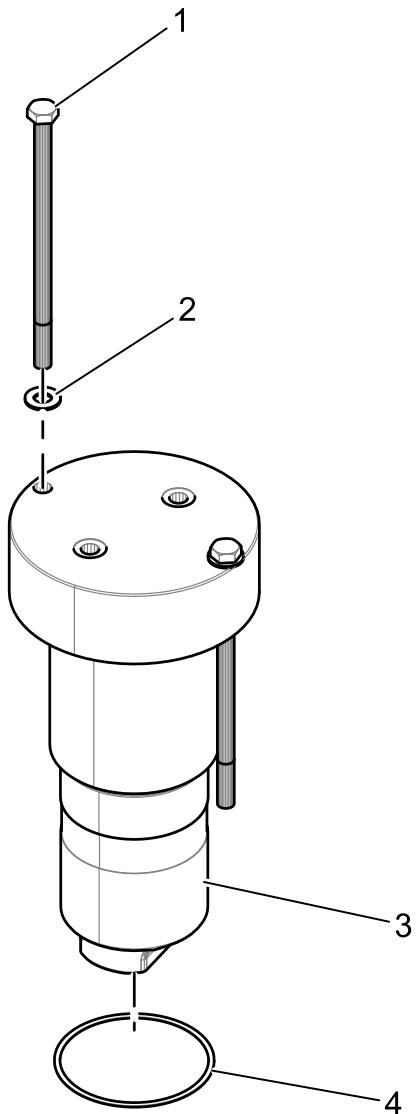
Pos	Qty	Material No.	Description	Codes	Remarks
NS	1	29124438	CABLE -120-02-07-W1	-120-02-07-W1	
NS	1	29124439	CABLE -120-06-01-W1	-120-06-01-W1	
NS	1	29124440	CABLE -120-04-01-W1	-120-04-01-W1	
NS	1	29124441	CABLE -120-02-01-W1	-120-02-01-W1	
NS	1	29124442	CABLE -120-08-07-12-W1	-120-08-07-12-W1	
NS	1	29124443	CABLE -120-08-07-10-W1	-120-08-07-10-W1	
NS	1	29124444	CABLE -120-08-07-08-W1	-120-08-07-08-W1	
NS	1	29124446	CABLE -635-06-01-W2	-635-06-01-W2	
NS	1	29124447	CABLE -635-06-01-W1	-635-06-01-W1	
NS	1	29124448	CABLE -105-02-09-W1	-105-02-09-W1	
NS	1	29124449	CABLE -625-10-07-W2	-625-10-07-W2	
NS	1	29124450	CABLE -625-10-07-W1	-625-10-07-W1	
NS	1	29124451	CABLE -120-02-W2	-120-02-W2	
NS	1	29124452	CABLE -105-02-05-W2	-105-02-05-W2	
NS	1	29124453	CABLE -120-08-23-08-W1	-120-08-23-08-W1	
NS	1	29124454	CABLE -135-02-W1	-135-02-W1	
NS	1	29124455	CABLE -120-08-07-14-W1	-120-08-07-14-W1	
NS	1	29124456	CABLE -120-08-19-06-W1	-120-08-19-06-W1	
NS	1	29124457	CABLE -120-08-19-04-W1	-120-08-19-04-W1	
NS	1	29124458	CABLE -120-08-19-02-W1	-120-08-19-02-W1	
NS	1	29124459	CABLE -120-08-17-04-W1	-120-08-17-04-W1	
NS	1	29124460	CABLE -120-08-17-02-W1	-120-08-17-02-W1	

RESTRICTED

Pos	Qty	Material No.	Description	Codes	Remarks
NS	1	29124461	CABLE -120-08-15-02-11-W1	-120-08-15-02-11-W1	
NS	1	29124462	CABLE -120-08-15-02-09-W1	-120-08-15-02-09-W1	
NS	1	29124463	CABLE -120-08-15-02-07-W1	-120-08-15-02-07-W1	
NS	1	29124464	CABLE -120-08-15-02-05-W1	-120-08-15-02-05-W1	
NS	1	29124465	CABLE -120-08-15-02-03-W1	-120-08-15-02-03-W1	
NS	1	29124466	CABLE -120-08-15-02-01-W1	-120-08-15-02-01-W1	
NS	1	29124467	CABLE -135-05-W1	-135-05-W1	
NS	1	29124468	CABLE -135-03-W1	-135-03-W1	
NS	1	29124469	CABLE -135-01-W1	-135-01-W1	
NS	1	29124470	CABLE -635-06-01-W3	-635-06-01-W3	
NS	1	29124471	CABLE -120-08-21-02-W1	-120-08-21-02-W1	
NS	1	29124472	CABLE -120-08-07-16-W1	-120-08-07-16-W1	
NS	1	29124473	CABLE -110-08-W1	-110-08-W1	
NS	1	29126471	CABLE -105-02-05-W1	-105-02-05-W1	



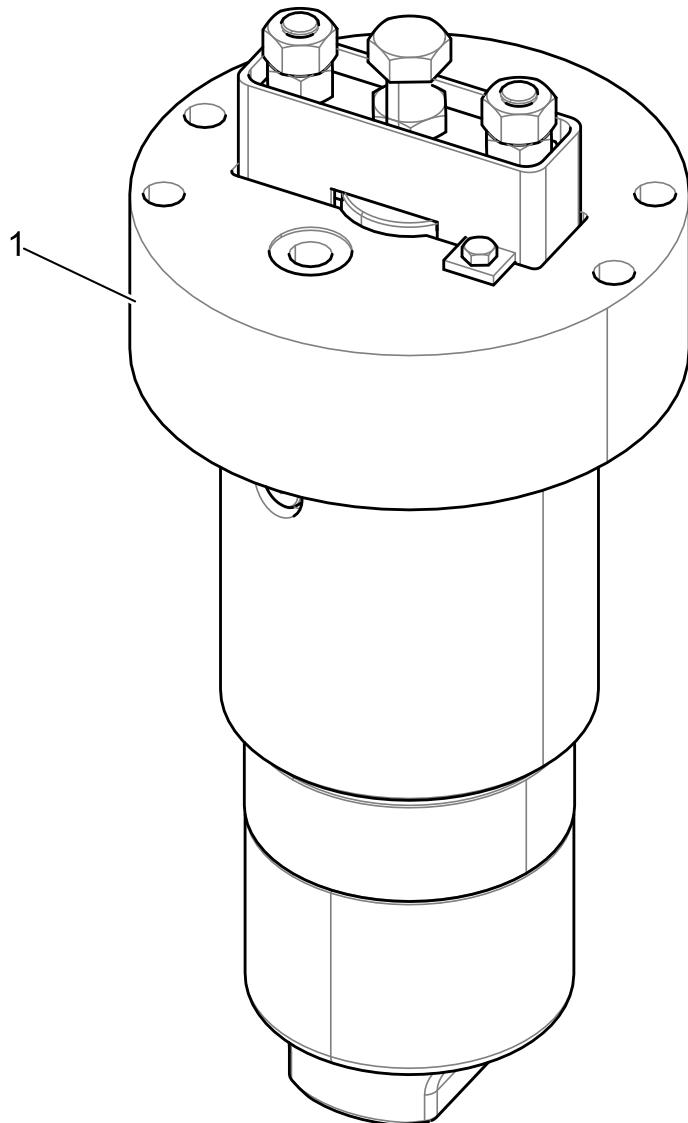
2.26 AUTOMATIC BLADE LOCK ASSY, 29092702



IPV07759

Pos	Qty	Material No.	Description	Codes	Remarks
1	6	154202	BOLT HEX ISO 4014 M10x180 8.8U tZn		
2	6	134015	WASHER WEDGE LOCK M10 A4		
3	3	29094010	AUTOMATIC BLADE LOCK GENERIC		
4	3	29082535	SHIM LOCK FLANGE		

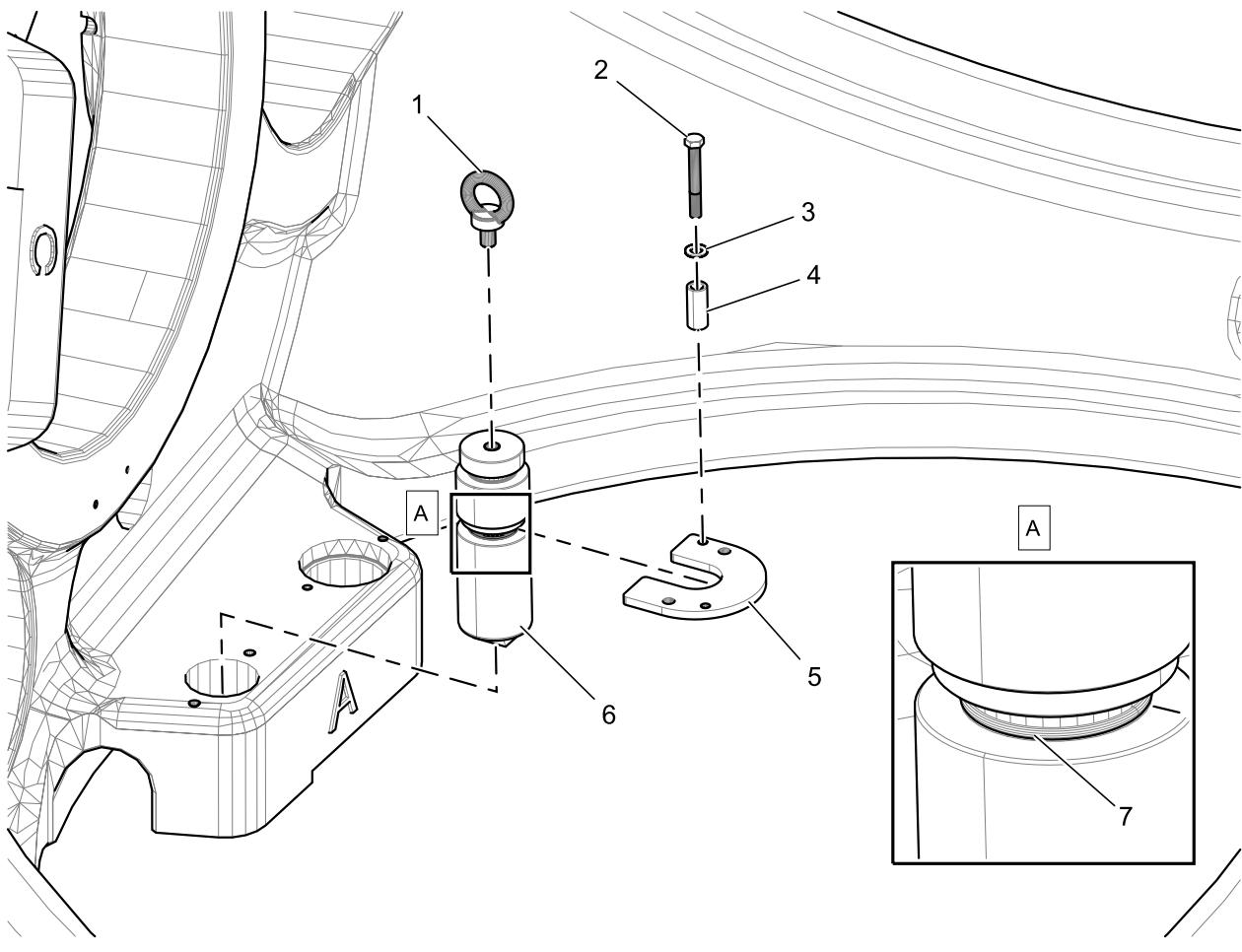
2.27 AUTOMATIC BLADE LOCK GENERIC, 29094010



IPV07760

Pos	Qty	Material No.	Description	Codes	Re-marks
1	1	29094010	AUTOMATIC BLADE LOCK GENERIC		
NS	3	29100681	AUTOMATIC BLADE LOCK LJM		
NS	3	29106847	AUTOMATIC BLADE LOCK GLUAL		

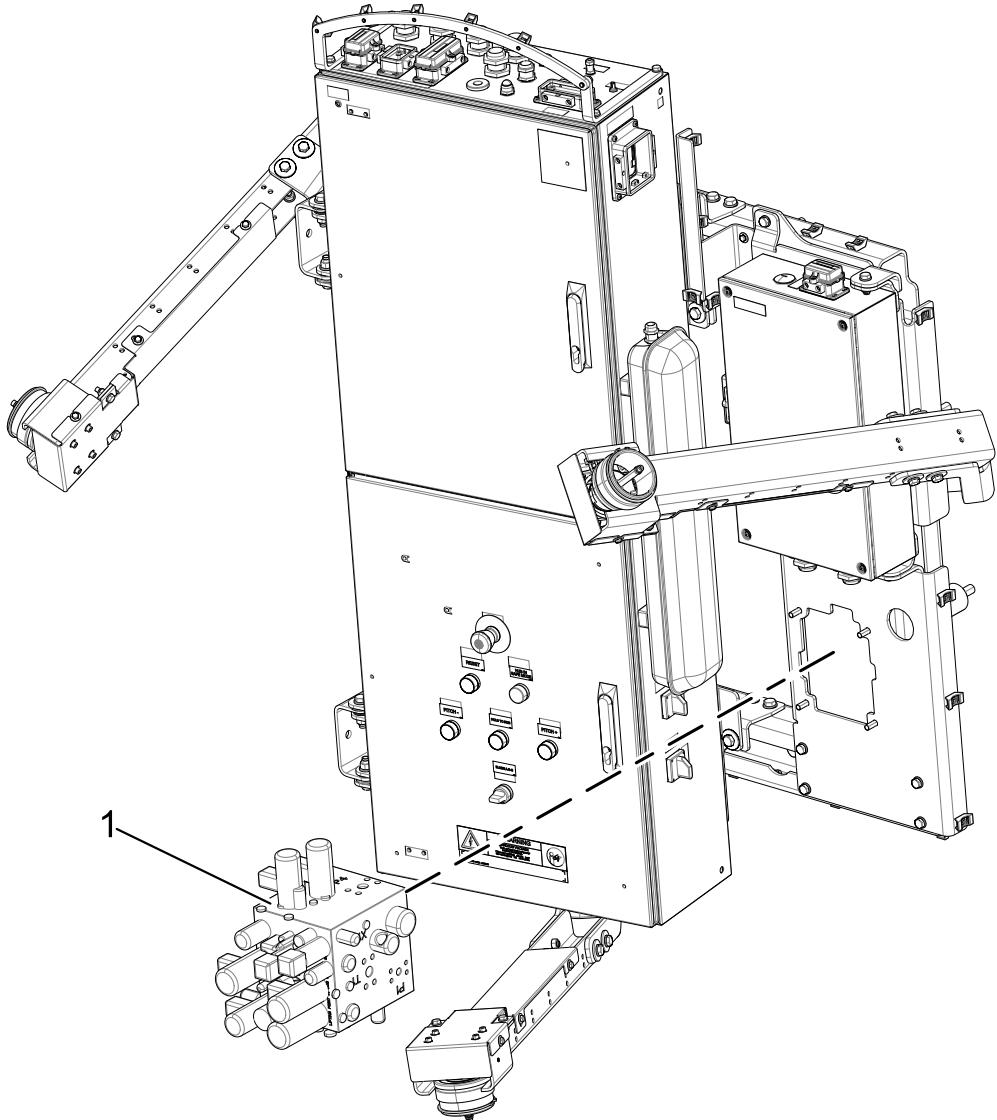
2.28 MANUAL BLADE LOCK ASSY, 29092703



IPV07761

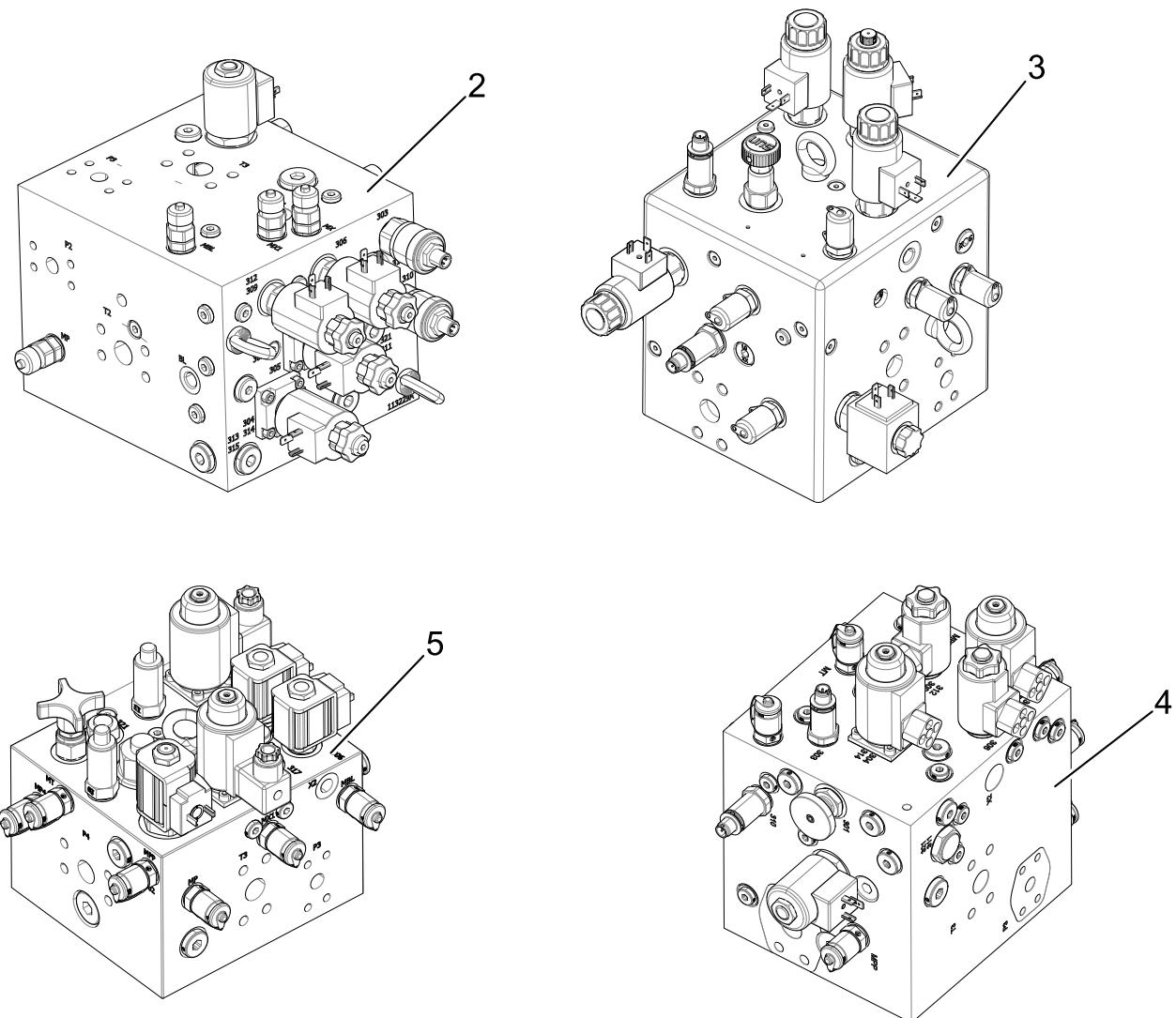
Pos	Qty	Material No.	Description	Codes	Remarks
1	1	107573	LIFT.EYE BOLT DIN580 M16 - C15 - A3J GZN		
2	2	152029	BOLT HEX M12x90 10.9 fZnLnc		
3	2	156279	WASHER ISO 7089 M12 A4-70		
4	2	29098969	BUSH SPACER ø22xø13x50mm		
5	1	29094011	LOCK PLATE FOR BUSH		
6	1	29094012	MANUAL BUSH FOR LOCK		
7	1	29016492	O-RING 47.22x3.53 NBR SH70		

2.29 HYDR DISTRIBUTOR MANIFOLD, 10208203



IPV04514 Sheet 1

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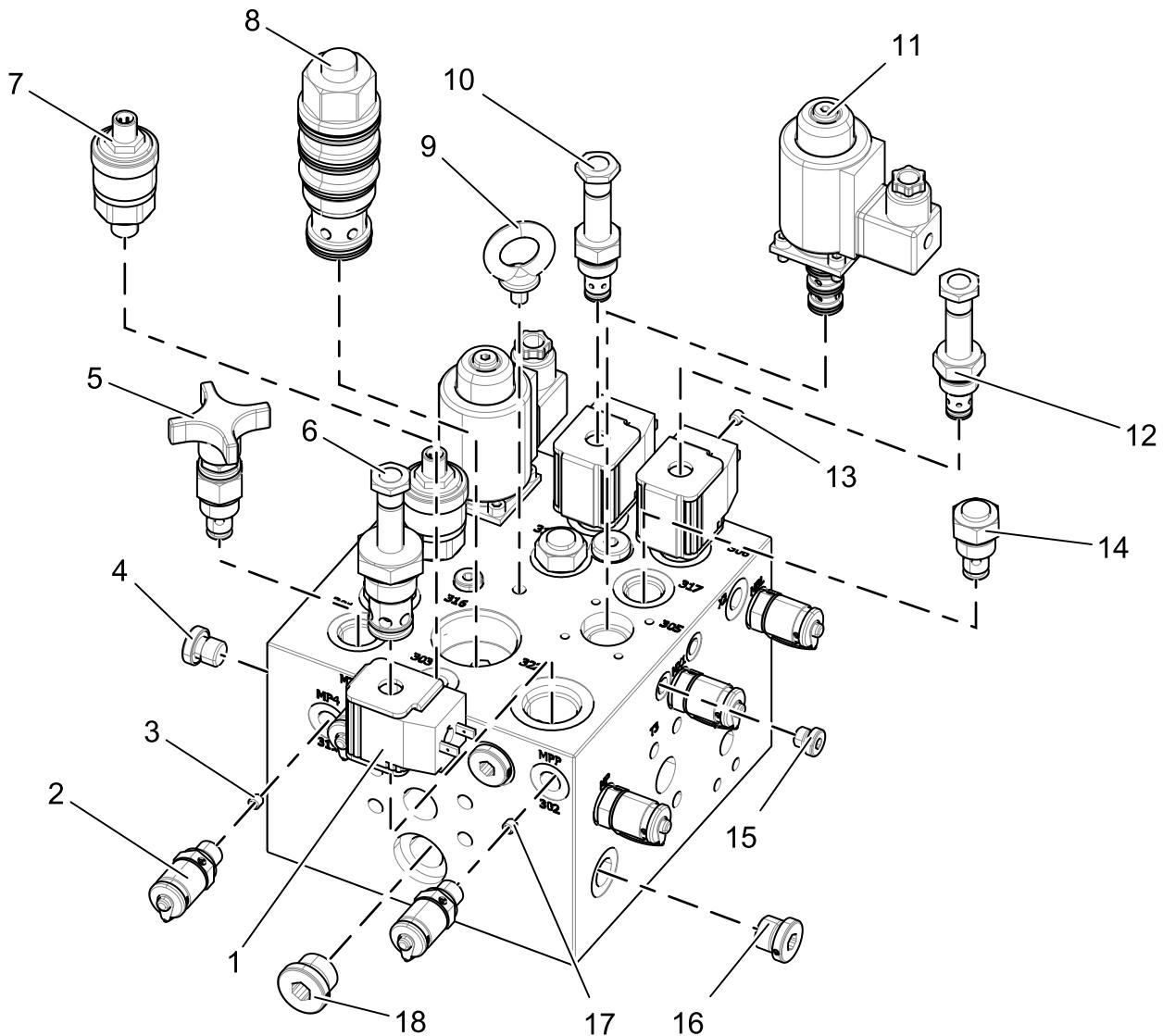


IPV04514 Sheet 2

Pos	Qty	Material No.	Description	Codes	Re-marks
1	1	10208203	HYDR DISTRIBUTOR MANIFOLD		
2	1	10208208	HYDR DISTRIBUTOR PMC		
3	1	10208209	HYDR DISTRIBUTOR B/R		
4	1	29010139	HY DISTRIBUTOR HINE		
5	1	10208207	HYDR DISTRIBUTOR PARKER		

Vestas[®]

2.30 HYDR DISTRIBUTOR PARKER, 10208207



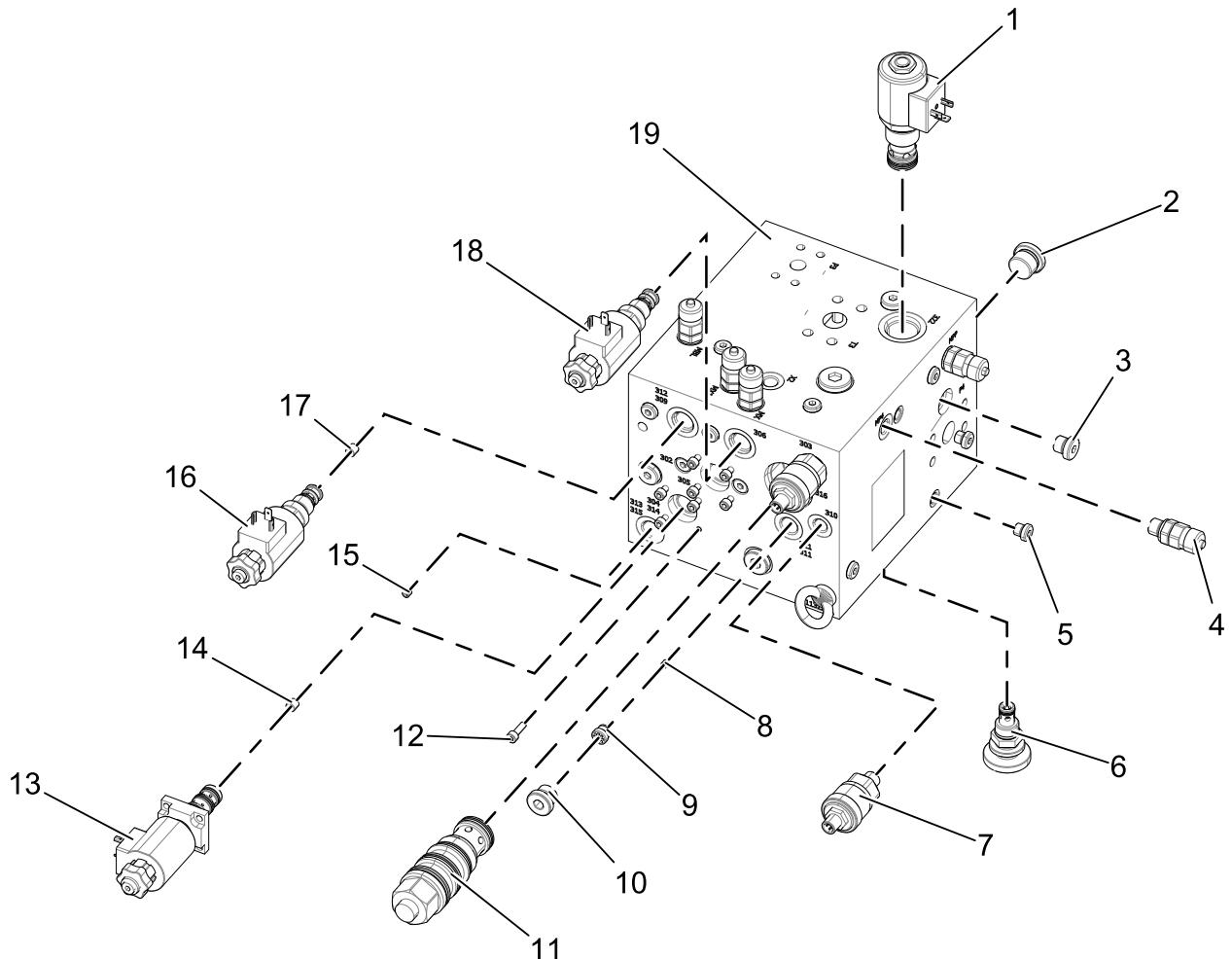
IPV04515

Pos	Qty	Material No.	Description	Codes	Page Ref.
1	3	60065454	COIL F/GS02 CCP024 D 24VDC W/C		
2	7	109114	METER CONN.ERMETO EMA 3-R-1/4"		
3	2	10205699	ORIFICE 1 DIA		
4	2	60062916	Blanking end 1/4"BSP with seal		
5	1	60104032	VALVE NEEDLE NVH-2201		
6	1	10208726	HYDR VALVE 2/2 SOLENOID		
7	2	109283	HYDR PRESS TRANSMITTER0-400BAR		
8	1	108352	CVGV-XCN KONTRAVENTIL		
9	1	107579	LIFT.EYE BOLT DIN580 M8 140 KG		
10	1	10205700	SOLENOID VALVE NC		
11	2	60111617	3/2 DIRECTIONAL VALVE		

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Pos	Qty	Material No.	Description	Codes	Page Ref.
12	1	10205759	SOLENOID VALVE 2/2 NO 7/8" HEX		
13	1	60104064	ORIFICE M6 Ø0,7MM WITH 0,675 W		
14	3	60108202	CHECK VALVE CVH081P		
15	12	60038843	BLANKING END 1/8"BSP WITH SEAL		
16	2	112097	PLUG VSTI R 3/8" ED A3C		
17	2	60112626	ORIFICE Ø0,8 M6		
18	1	110202	PLUG VSTI 1/2" EDA3C		

2.31 HYDR DISTRIBUTOR PMC, 10208208



IPV04516

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	193455	SOL.VALVE SV13-12-O-0-24DGH		
2	2	60120537	PLUG VSTI R 1/2" ED-ZI/NI		
3	5	60120548	PLUG VISTI R1/4in-ED-ZI/NI		
4	7	109114	METER CONN.ERMETO EMA 3-R-1/4"		
5	16	60120543	PLUG VSTI R 1/8" ED-ZI/NI		
6	1	131114	VALVE NEEDLE NV1-8-K-0		
7	2	109283	HYDR PRESS TRANSMITTER0-400BAR		
8	1	10207708	ORIFICE PLUG M8 Ø1,0		
9	3	10207998	CHECK VALVE		
10	6	100608	BLANKING PLUG 3/8"-ED-ZI/NI		
11	1	108352	CVGV-XCN KONTRAVENTIL		
12	8	193432	BOLT M5X16 DIN 912 SPECIAL		
13	2	193430	SOL.VALVE POPPET TYPE 3/2		
14	2	193429	ORIFICE M8.Ø0,8		

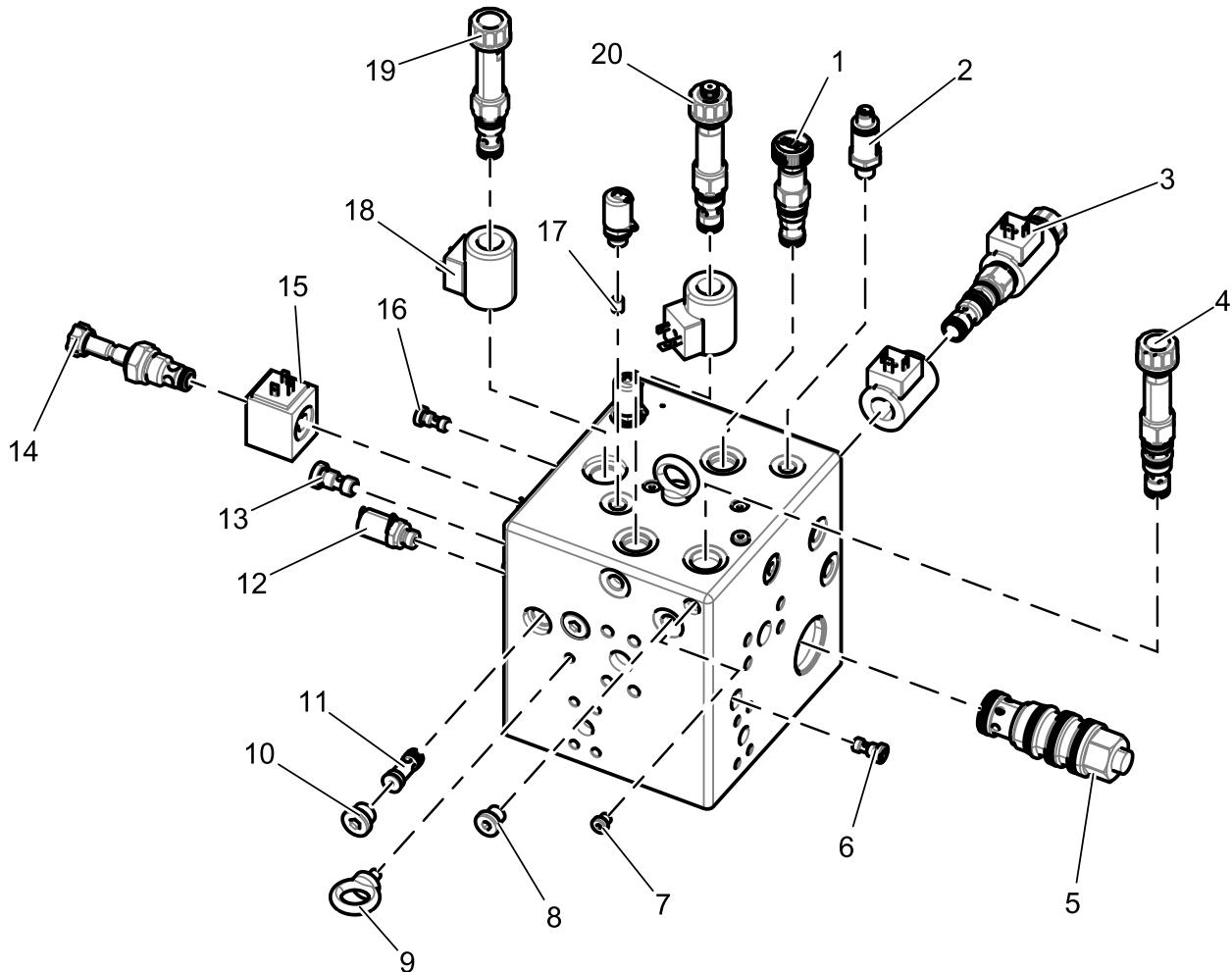
RESTRICTED

V116/V120 2.2 MW, Mk 11D, Hub, Illustrated Part Catalogue
Document number: 0083-9277. Version: 00. Class: Restricted. Type: T09. Date: 2019-05-28

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Pos	Qty	Material No.	Description	Codes	Remarks
15	1	10208025	ORIFICE PLUG M6 ø0,6		
16	1	10207707	SOLENOID VALVE 2/2 NO 7/8" HEX		
17	1	109364	HYDRAULIC NOZZLE M8xØ1.0		
18	1	10207709	SOLENOID SCREW IN VALVE 24 VDC		
19	1	10208026	VALVEBLOCK		

2.32 HYDR DISTRIBUTOR B/R, 10208209



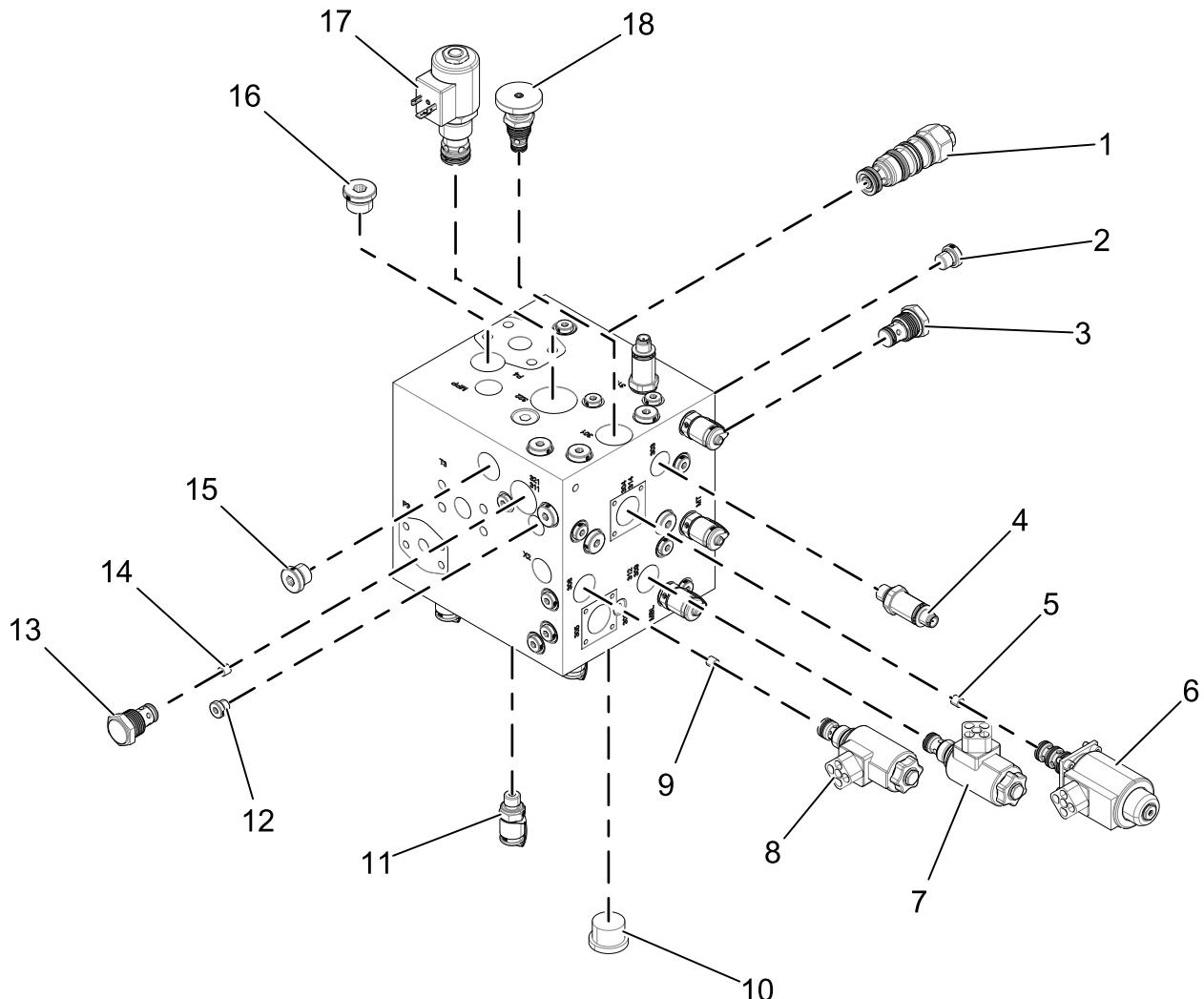
IPV04517

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	29048147	THROTTLE VALVE B409-I8J-G01		
2	1	109279	PRESSURE TRANSMITTER		
3	1	109795	ELECTRIC SEAT VALVE		
4	1	105257	ELECTRIC SEAT VALVE KSDER1UB		
5	1	108352	CVGV-XCN KONTRAVENTIL		
6	1	108773	ORIFICE Ø0,8-M10X1-ST		
8	2	60062916	Blanking end 1/4"BSP with seal		
7	11	108796	HYDR FTG PLUG G1/16 W/SEAL		
9	3	108780	EYE BOLT		
10	3	112097	PLUG VSTI R 3/8" ED A3C		
11	3	105625	HYDR CHECK VALVE M-SR8		
12	7	108365	NIPPLE MINIMESH G1/4" HYDR FTG		
13	2	108772	ORIFICE 1,0-G1/4-ST		
14	1	105259	HYDR SEATED VALVE SOLENOID		

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Pos	Qty	Material No.	Description	Codes	Remarks
15	1	108393	SOLENOID VALVE		
16	1	108795	ORIFICE Ø0.6 M10X1 ST		
17	1	111091	ORIFICE Ø0,6-2-M8X1-ST-GSH		
18	4	60106201	COIL GZ37-4 24VDC 19W		
19	1	105258	ELECTRIC SEAT VALVE KSDEU1PB		
20	1	780432	KSDER1NB/HN11V F BRAKE UNIT3MW		

2.33 HY DISTRIBUTOR HINE, 29010139



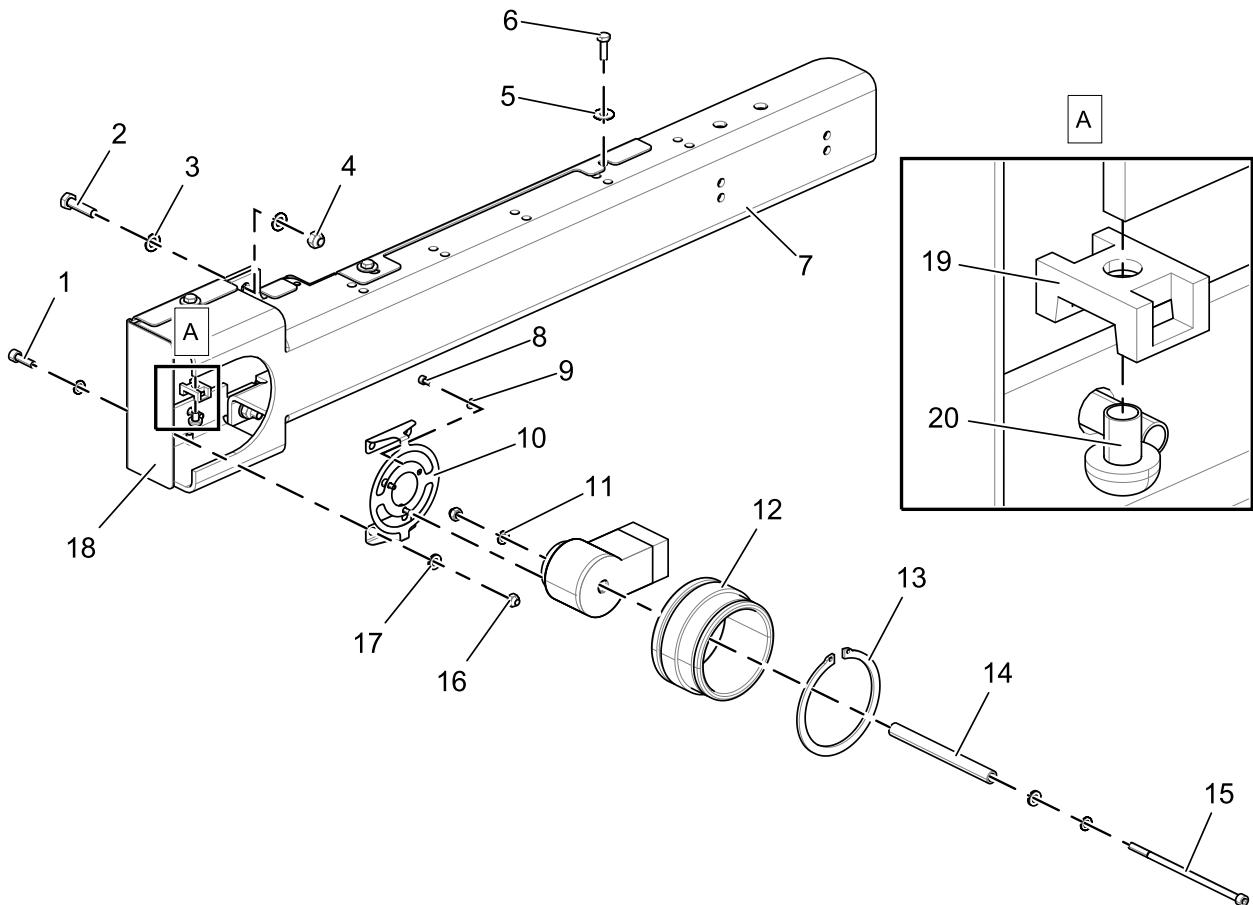
IPV04518

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	108353	VALVE CHECK CVEV-XCN RD18115		
2	12	60120548	PLUG VISTI R1/4in-ED-ZI/NI		
3	2	131084	CHECK VALVE CV3-10-P-0-3		
4	2	109279	PRESSURE TRANSMITTER		
5	1	193429	ORIFICE M8.Ø0,8		
6	2	131325	SOLENOIDVALVE 3/2 W1DCA8 24VDC		
7	1	29017985	HYDR VALVE WSP22GNA3 24VDC		
8	1	29017593	HYDR VAL WSP22ONA3 24VDC		
9	2	109560	PLUG M8X Ø 0,6, ORIFICE		
10	2	146341	BLANKING PLUG W/PACK.RING 3/4		
11	7	109114	METER CONN.ERMETO EMA 3-R-1/4"		
12	18	60120543	PLUG VSTI R 1/8" ED-ZI/NI		
13	1	29017595	CHECK VALVE CV13-10-P-0-3		

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Pos	Qty	Material No.	Description	Codes	Remarks
14	2	10207708	ORIFICE PLUG M8 Ø1,0		
15	3	100608	BLANKING PLUG 3/8"-ED-ZI/NI		
16	1	60120537	PLUG VSTI R 1/2" ED-ZI/NI		
17	1	193455	SOL.VALVE SV13-12-O-0-24DGH		
18	1	131114	VALVE NEEDLE NV1-8-K-0		

2.34 ENCODER ARM ASSEMBLY, 29013162



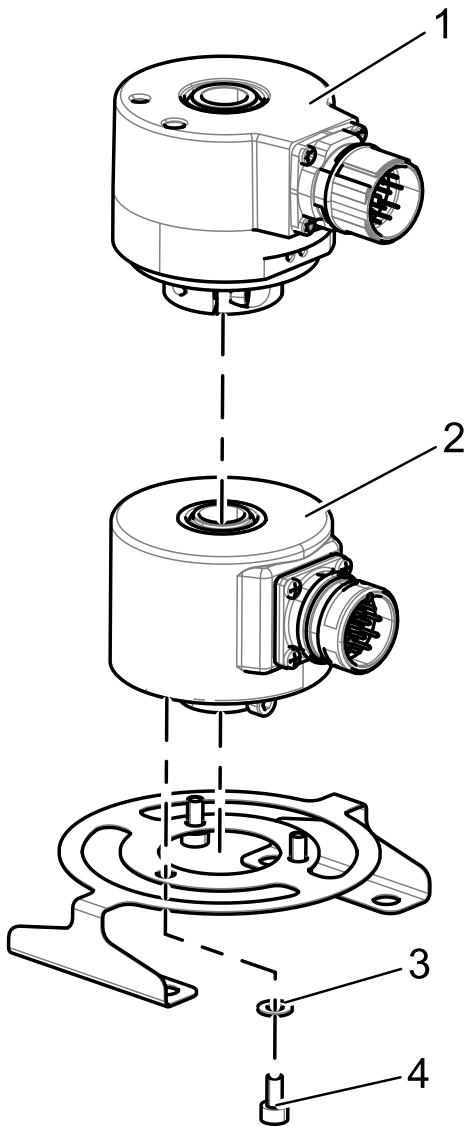
IPV05073

Pos	Qty	Material No.	Description	Codes	Remarks
1	4	150933	SCREW SKT ISO 4762 M6x20 A4-70		
2	2	153280	SCREW HEX ISO 4017 M8x30 A4-70		
3	4	156280	WASHER ISO 7089 M8 A4-70		
4	2	157723	NUT HEX LOCK M8 A4-70		
5	6	155900	WASHER ISO 7093 M6 A4-70		
6	6	155379	SCREW HEX ISO 4017 M6x20 A4-70		
7	1	29013160	ENCODER ARM BRACKET		
8	3	153945	SCREW SKT ISO 4762 M4X8 A4-70		
9	3	156273	WASHER ISO 7089 M4 A4-70		
10	1	29006077	SPRING BRACKET ENCODER1 SS		
11	6	156276	WASHER ISO 7089 M6 A4-70		
12	1	29043891	PROTECTOR BUSHING		
13	1	156064	SEEGERRING-1 90X3,0		
14	1	29006079	SENSOR AXLE TO ENCODER		

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Pos	Qty	Material No.	Description	Codes	Remarks
15	1	29002932	SCREW M6X140 A4-70 ISO 4762		
16	5	158044	NUT HEX LOCK M6 A4-70		
17	5	156156	WEDGE LOCK WASHER M6 A4		
18	1	29013161	LID FOR ENCODER ARM BRKT		
19	1	115686	ANCHOR FOR CABLE TIE M6		
20	1	150982	SCR.INSEX BH M 6X 8 A4-70		
NS	1	115517	CABLE TIE 292x4.8mm PLT3S-C0		

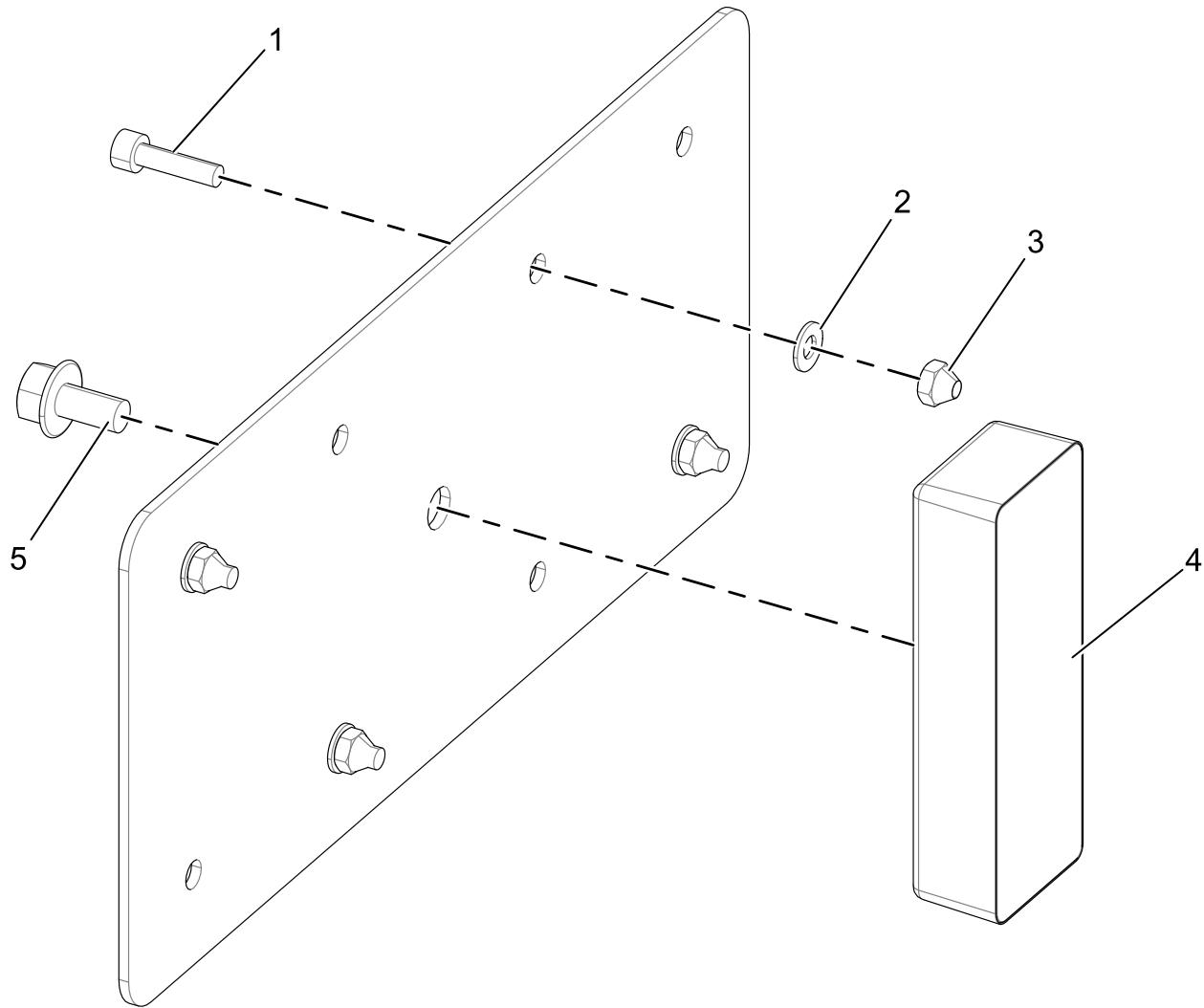
2.35 OPTISTOP PITCH ENCODER, 29089815



IPV06852

Pos	Qty	Material No.	Description	Codes	Remarks
1	3	29008440	ENCODER SSI HOLLOW SHAFT 13BIT		
2	3	29089816	PITCH ENCODER		
3	3	156273	WASHER ISO 7089 M4 A4-70		
4	3	153945	SCREW SKT ISO 4762 M4X8 A4-70		

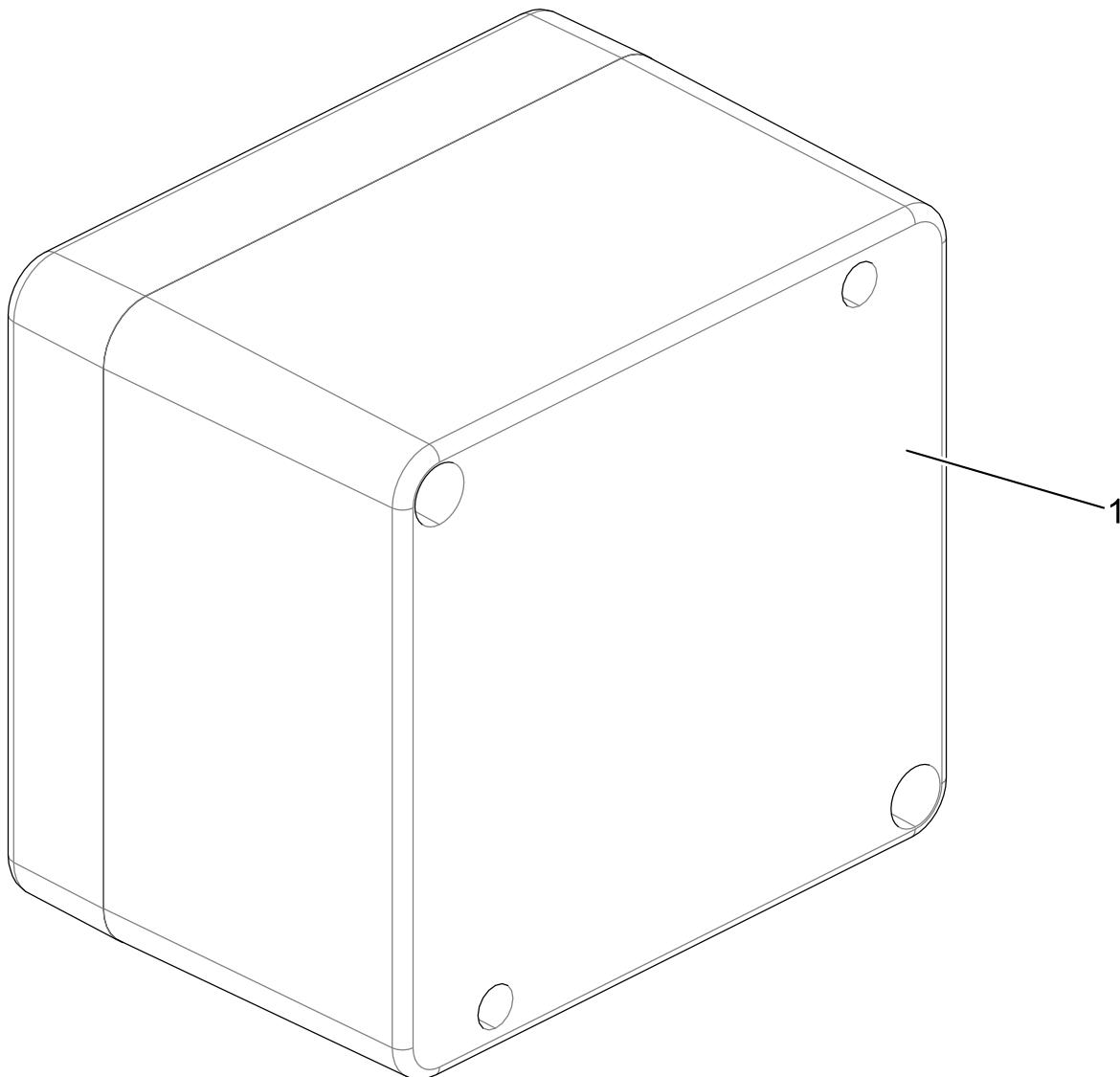
2.36 BRACKET ASSY FOR SAFETY SWITCH, 29017504



IPV05054

Pos	Qty	Material No.	Description	Codes	Remarks
1	4	150911	SCREW SKT ISO 4762 M4X20 A4-70		
2	4	156273	WASHER ISO 7089 M4 A4-70		
3	4	158042	NUT HEX LOCK M4 A4-70		
4	1	786738	MINI MAGNET		
5	1	150229	BOLT FL DIN 6921 M6x12 A4-70		

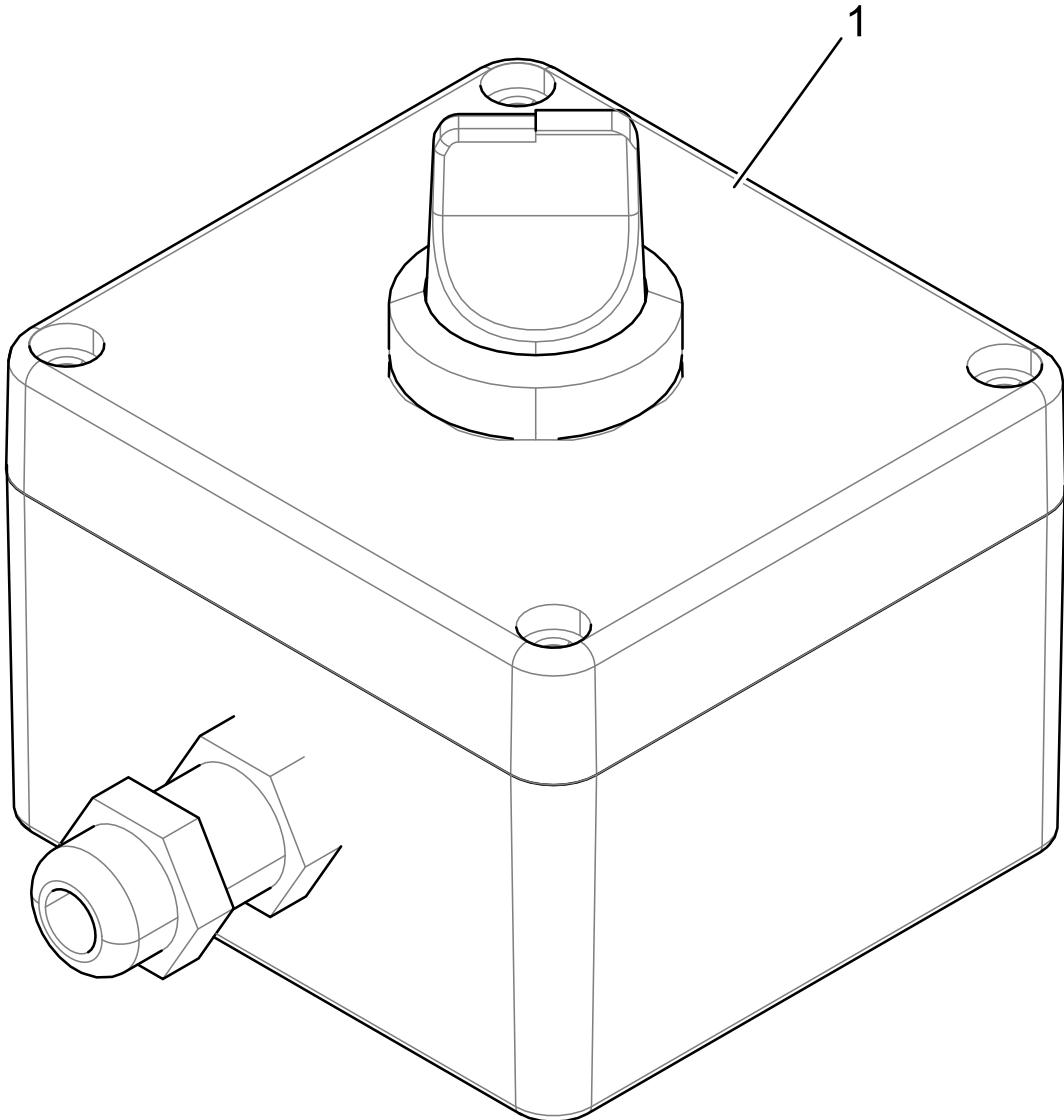
2.37 BOX LIGHT SWITCH HUB, 29017680



IPV05077

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	795817	BOX INCL SWITCH NO/NC M16		

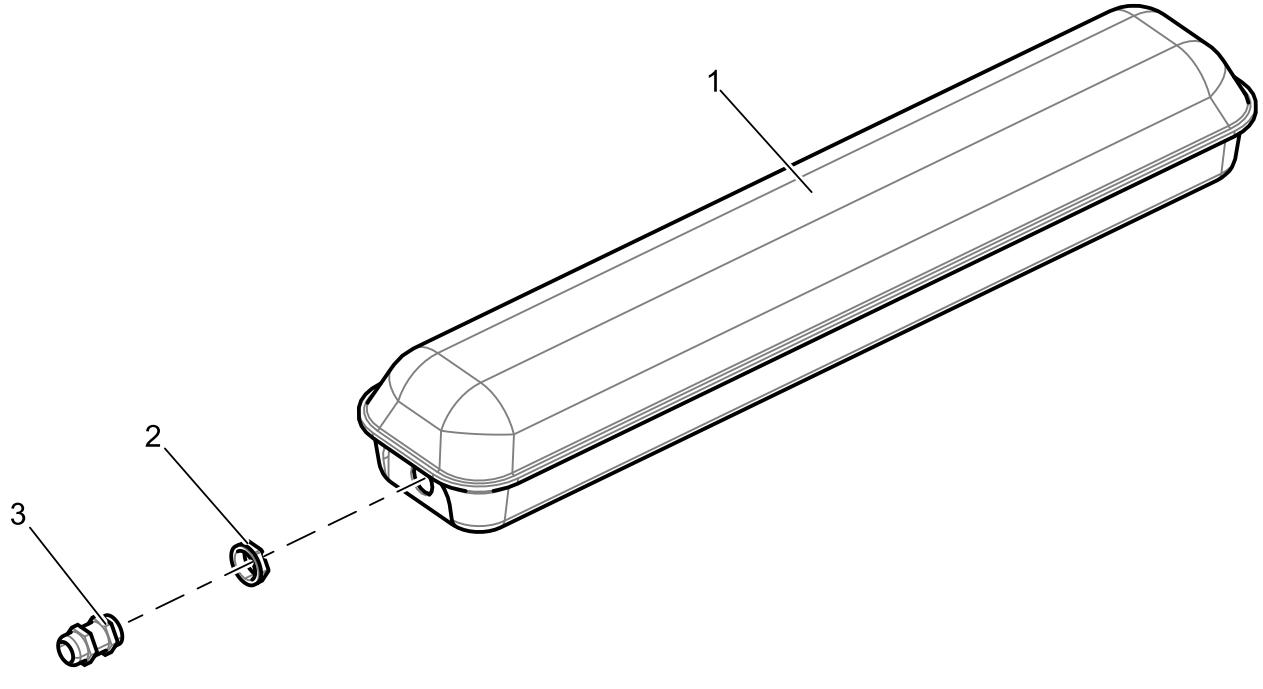
2.38 BOX AUTO SERVICE SWITCH HUB, 29017681



IPV05078

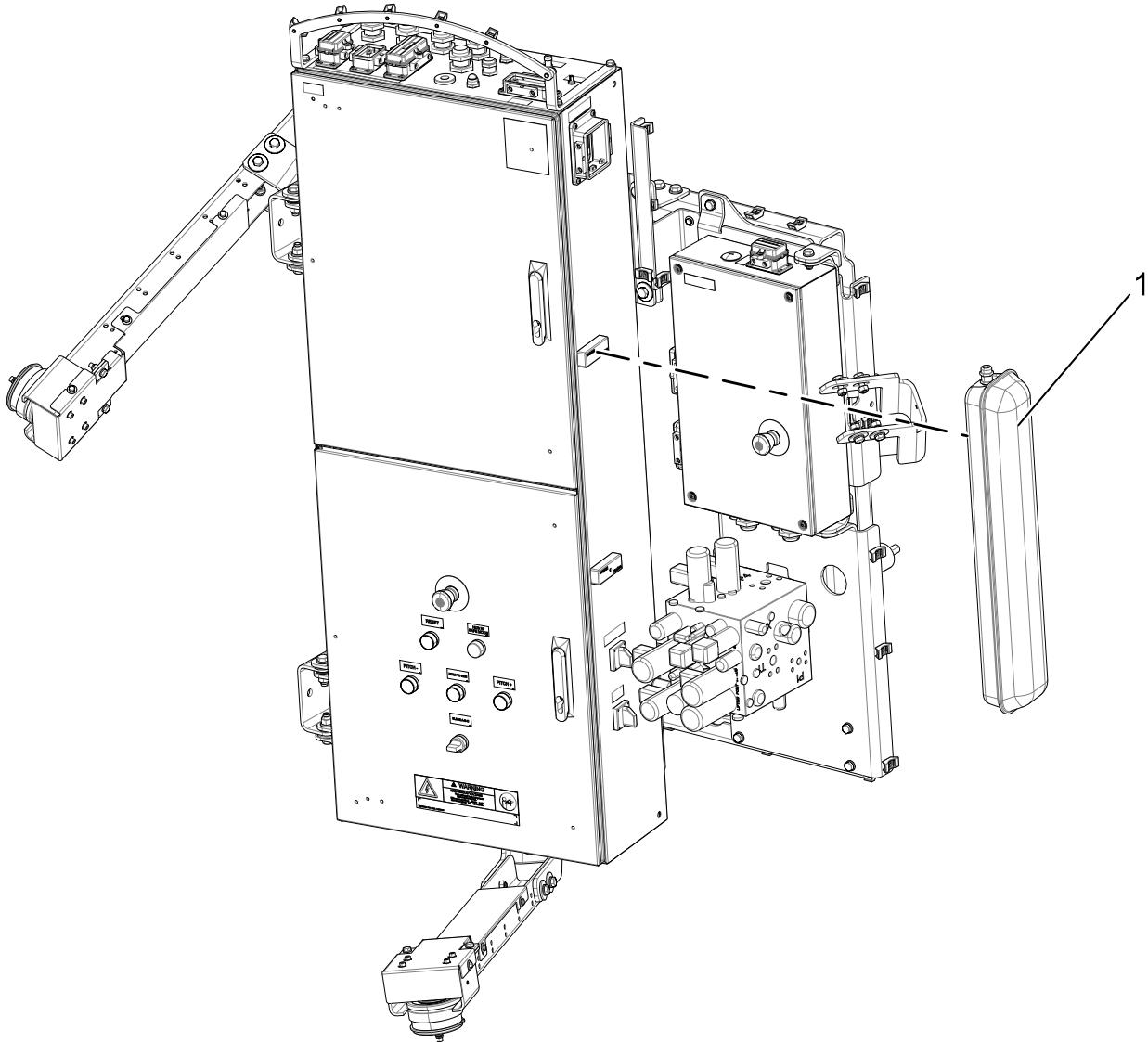
Pos	Qty	Material No.	Description	Codes	Remarks
1	1	795817	BOX INCL SWITCH NO/NC M16		

2.39 LUMINARY 2X18W W EMERG LIGHT, 195400



Pos	Qty	Material No.	Description	Codes	Remarks
1	1	195519	2x17W EMERG.+HEAT+UL		
2	1	193757	LOCKNUT M20X1,5 BRASS		
3	1	193848	EMC CABLE GLAND M20 X 1,5NU		

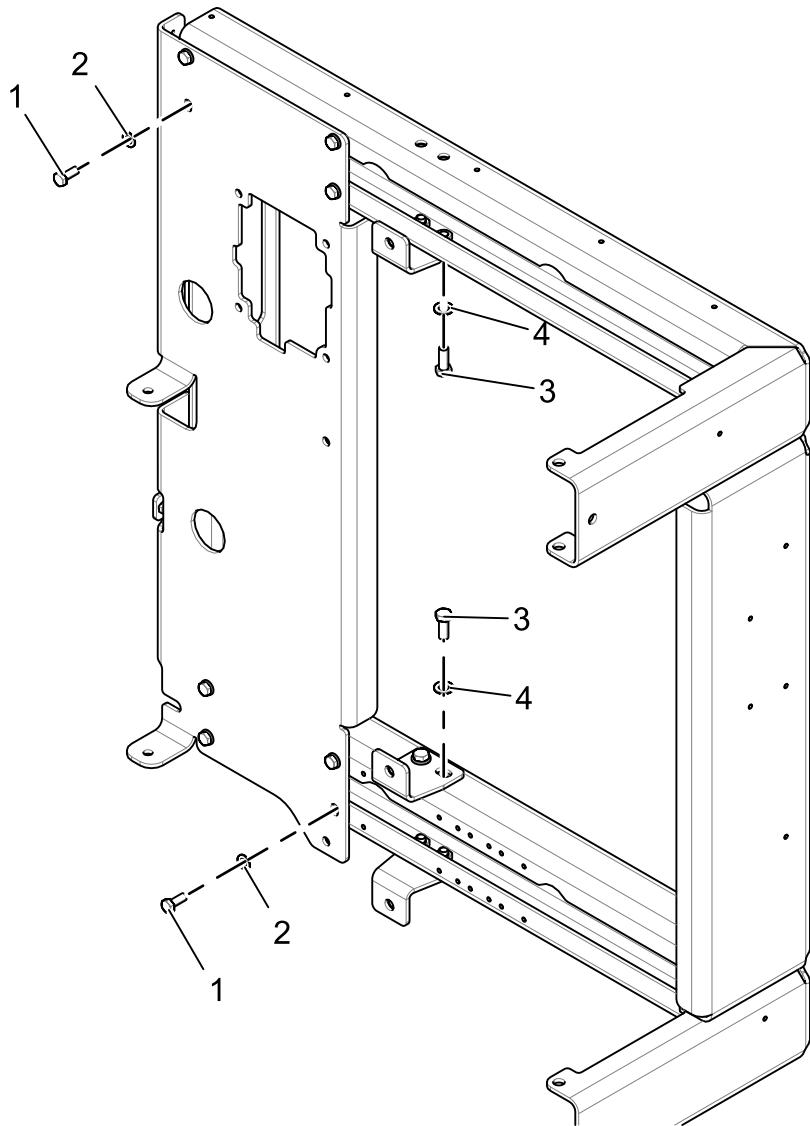
2.40 2x17W EMERG.+HEAT+UL, 195519



IPV05013

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	195519	2x17W EMERG.+HEAT+UL		
NS	1	190602	CLIPS FOR RESOLUX LUMINARY		

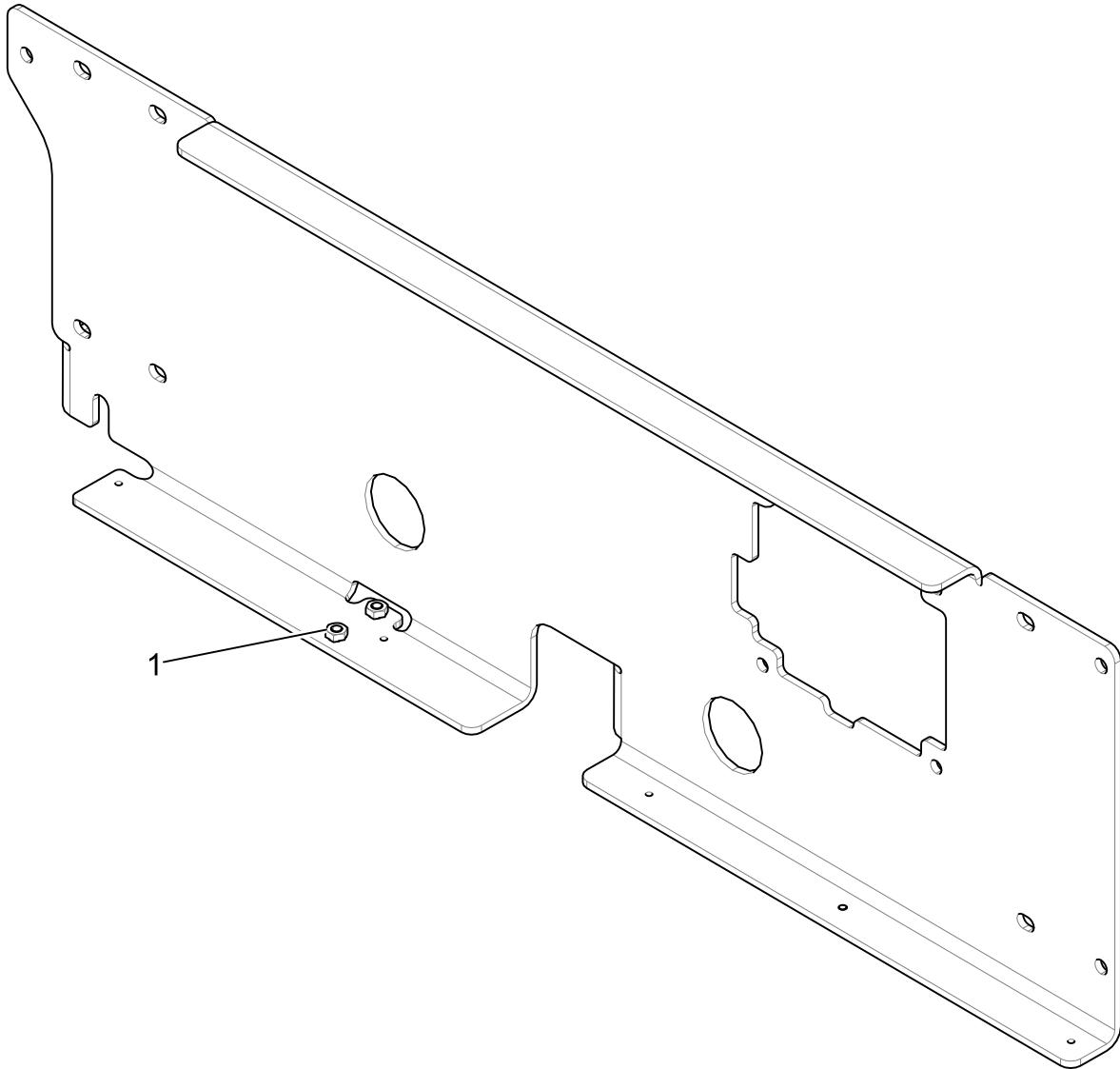
2.41 CENTER FRAME STRUCTURE, 29123689



IPV08651

Pos	Qty	Material No.	Description	Codes	Remarks
1	8	153192	SCREW HEX ISO 4017 M10x25 8.8U tZn		
2	8	157011	WASHER ISO7089 M10 300HV flZn		
3	6	152496	SCREW HEX ISO 4017 M12x30 8.8U tZn		
4	6	155759	WASHER ISO 7089 M12 HV 200 tZn		

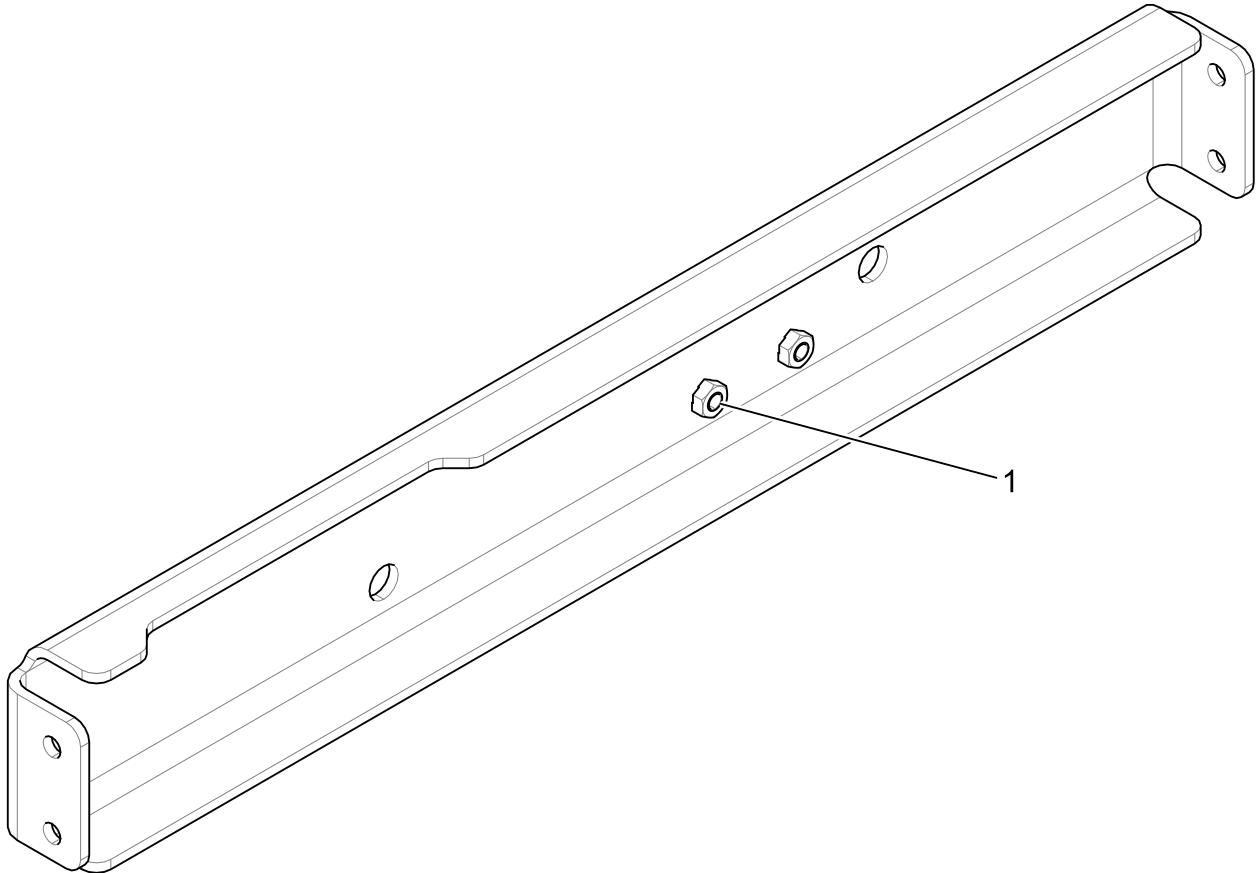
2.42 SUPPORT PLATE ASSY IO CABINET, 29012666



IPV08652

Pos	Qty	Material No.	Description	Codes	Remarks
1	2	60050284	Weld nut DIN 929 M 8 - St		

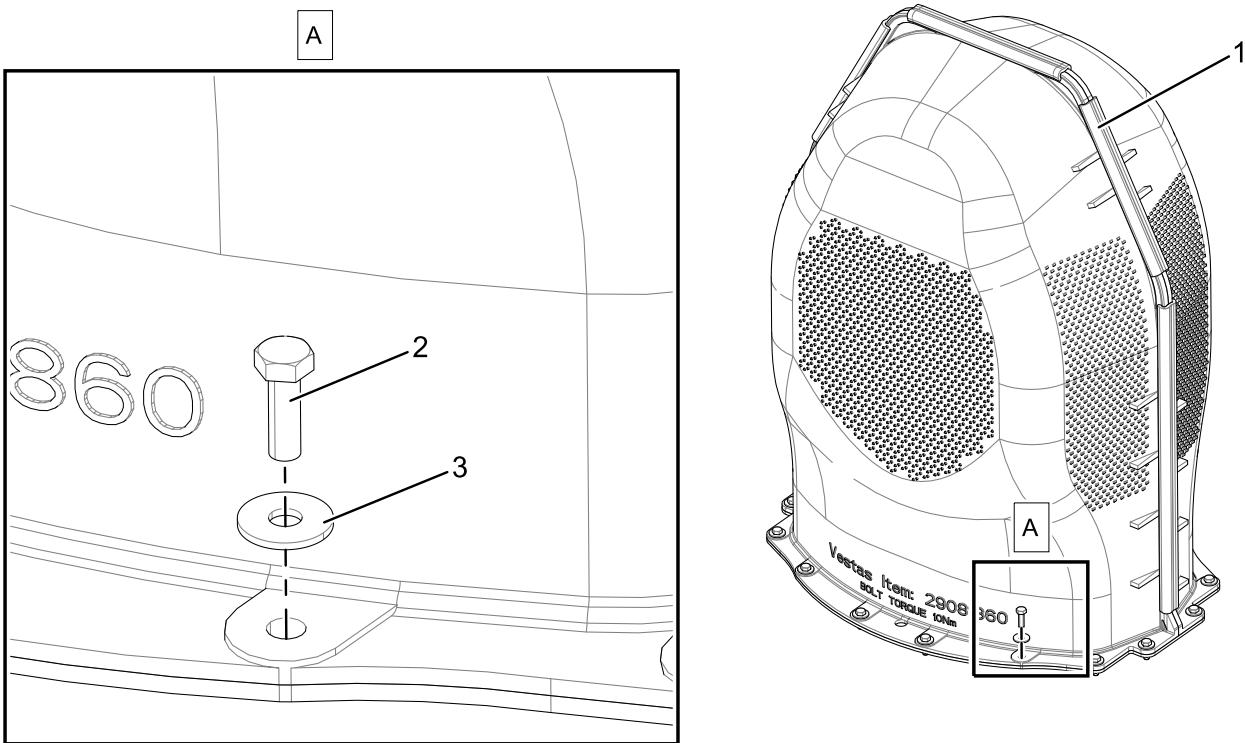
2.43 SUPPORT BRACKET RIGHT 816mm, 29016456



IPV08653

Pos	Qty	Material No.	Description	Codes	Remarks
1	2	60033468	NUT WELD DIN 929 M10 - St		

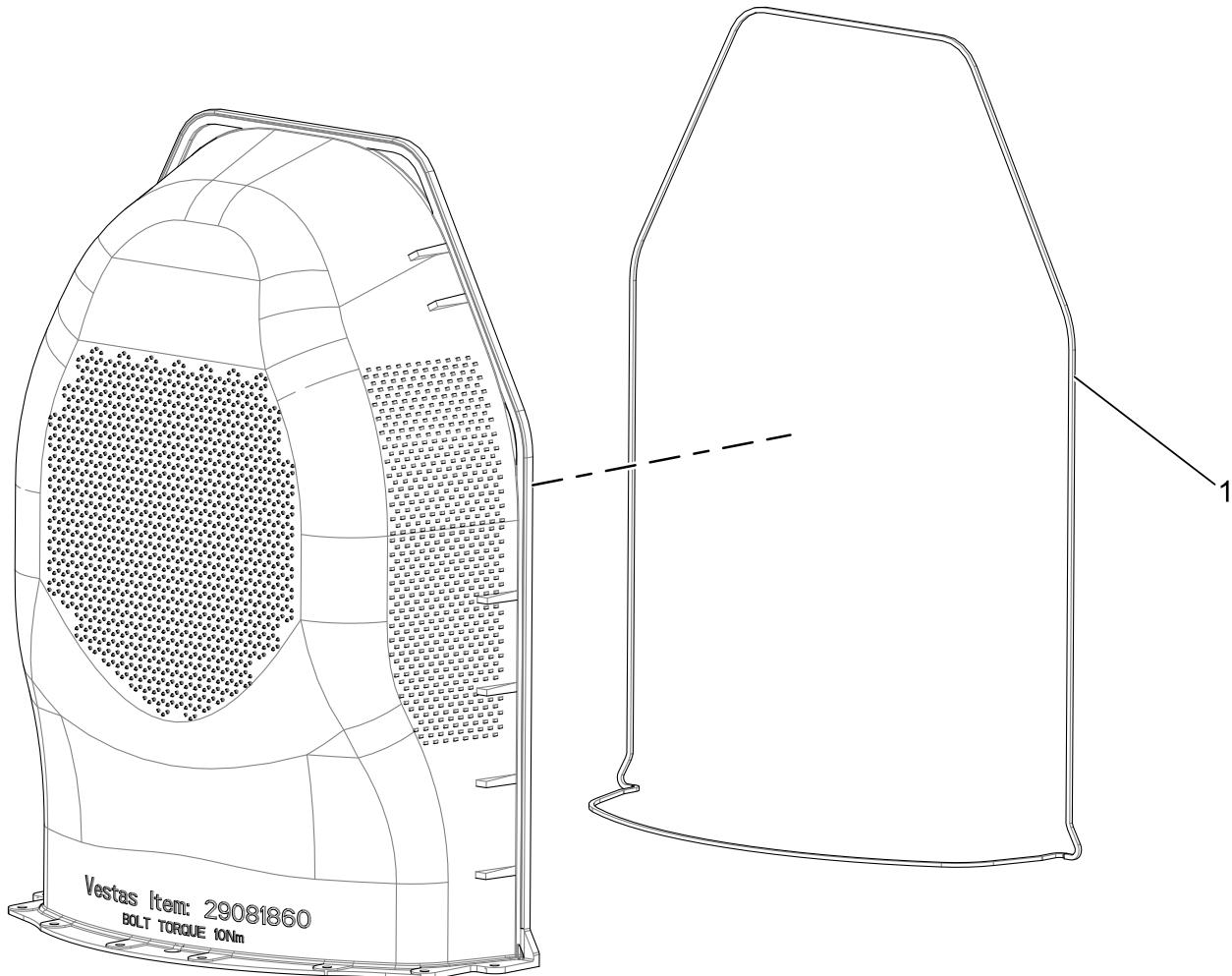
2.44 PITCH CYLINDER COVER ASSY 2MW, 29081858



IPV06844

Pos	Qty	Material No.	Description	Codes	Remarks
1	3	29081861	C-PROFILE HOLDER PAC 2MW		
2	48	155374	BOLT HEX ISO 4017 M8x25 A4-70		
3	48	155971	WASHER ISO 7093 M8 HB 200 A3F		

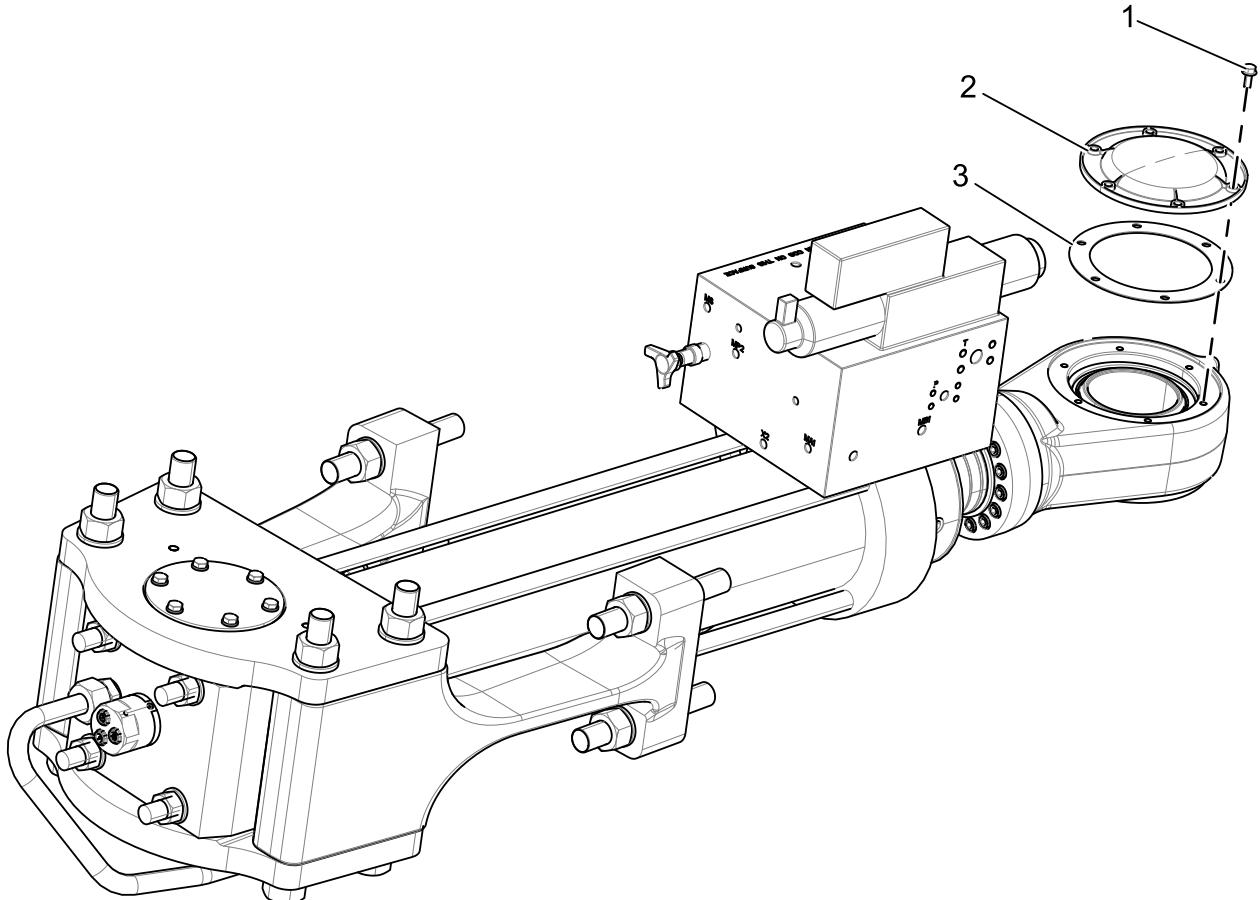
2.45 PITCH COVER WITH SEAL 2MW, 29084295



IPV06845

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	29081862	SEAL FOR OIL PAC 2MW		

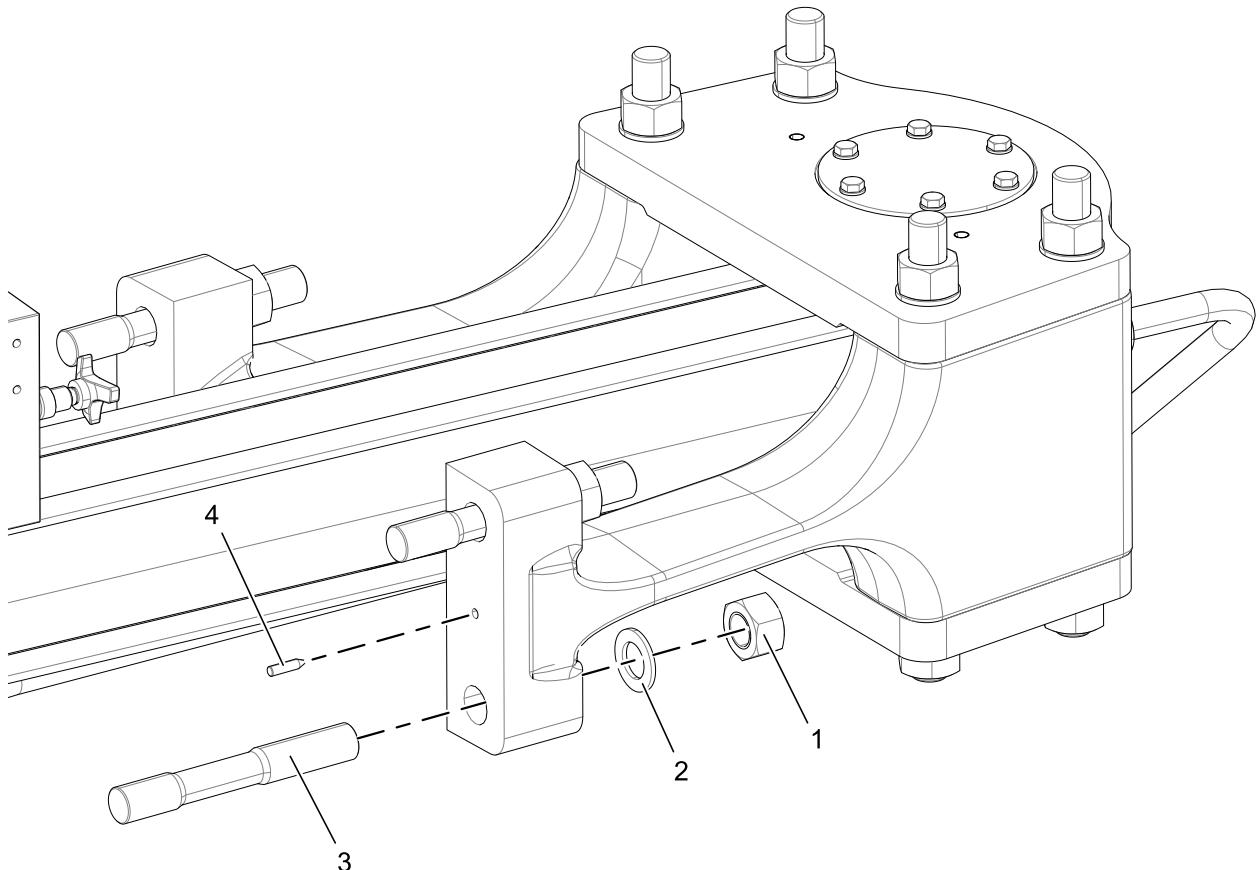
2.46 PITCH ACTUATION MODULE DIA160, 29120328



IPV08654

Pos	Qty	Material No.	Description	Codes	Remarks
1	6	154888	FLANGE BOLT M8X20 8.8 DELTA		
2	1	762375	COVER PLATE F.PLAIN BEAR.HOUSE		
3	1	781929	SEALING Ø150 X Ø200 X 2		
NS	16	10209036	HEX SOC SET SCR M16x1.5 L=59		

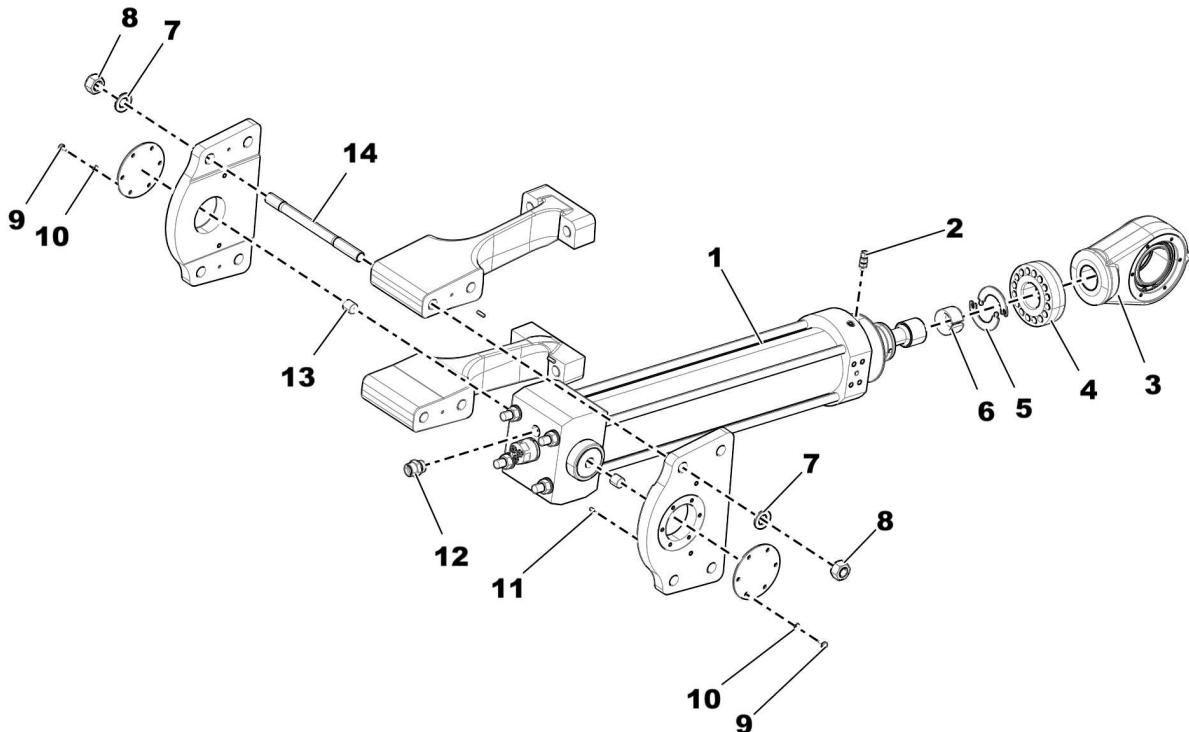
2.47 PITCH SUSPENSION STUD ASSEMBLY, 29059457



IPV06487

Pos	Qty	Material No.	Description	Codes	Remarks
1	4	154344	NUT HEX M30 10 flZnLnc		
2	4	897222	WASHER Ø51 X Ø30 X 4		
3	4	29062640	STUD BOLT M30x220 10.9 flZnLnc		
4	2	29089558	DOWEL PIN ø8X33mm		

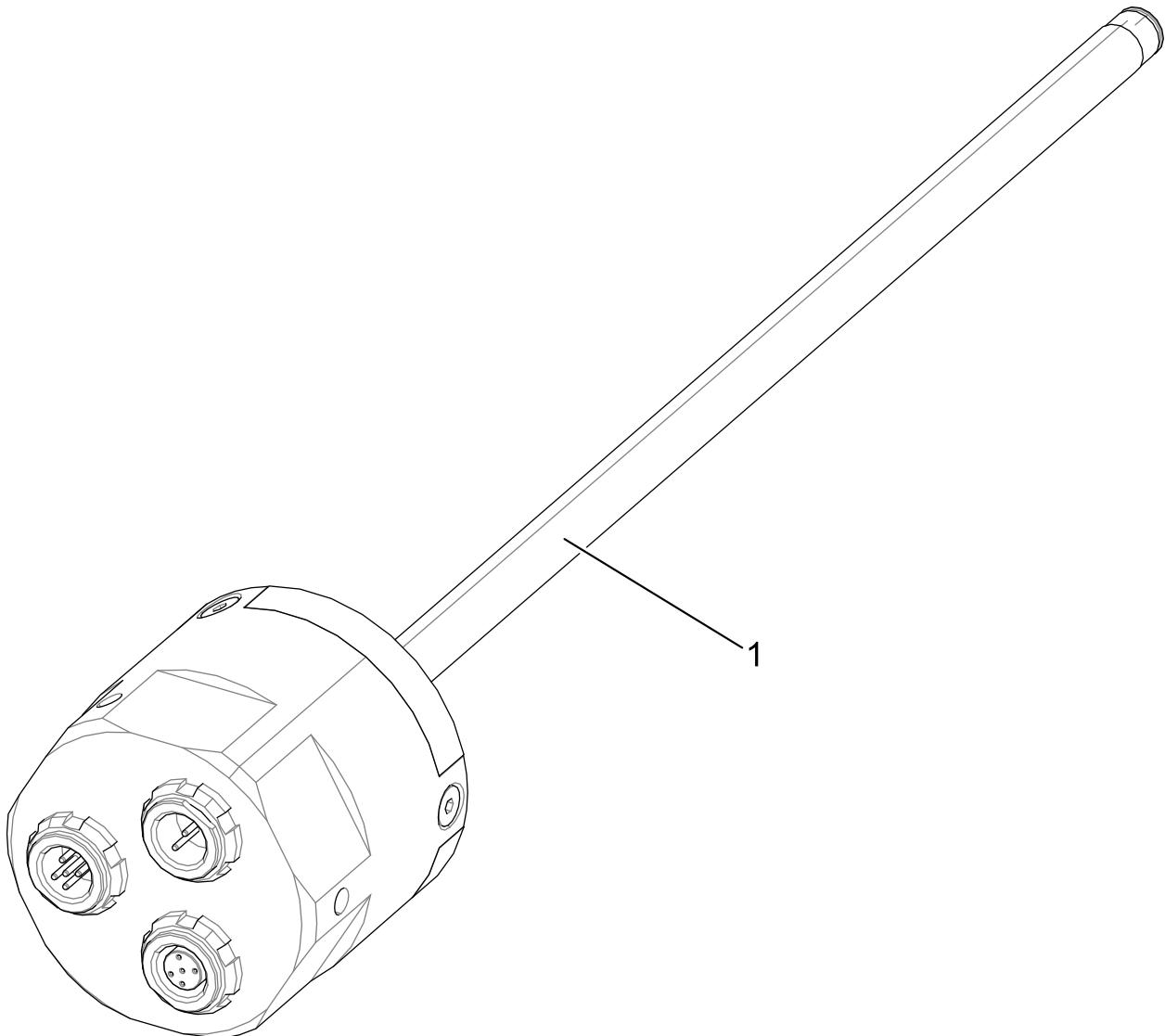
2.48 ACTUATOR ASSEMBLY DIA160, 29120326



IPV08655

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	29120158	HY CYL 160/110 x 760		
2	1	131370	NON-RETURN VALVE, Ø6-1/4" BSPP		
3	1	29059711	LINK BEARING HEAD COMPLETE		
4	1	29120287	ROD END FLANGE S355J2 DIA180mm		
5	2	29062643	SHIM FOR PITCH BEARING HEAD		
6	1	29083358	ACTUATOR GASKET RING		
7	8	157030	WASHER ISO 7416 M30 HV 300 tZn		
8	8	154344	NUT HEX M30 10 flZnLnc		
9	12	153208	SCREW HEX ISO 4017 M10x20 8.8U tZn		
10	12	155814	WASHER ISO 7089 M10 HV 200 tZn		
11	4	159183	DOWEL PIN Ø 8X28, M6		
12	1	131544	CON ISO8434-1 SDS S25XG1E		
13	2	781937	DAMPER FOR PITCH CYLINDER		
14	4	29062641	STUD BOLT M30x395 10.9 flZnLnc		

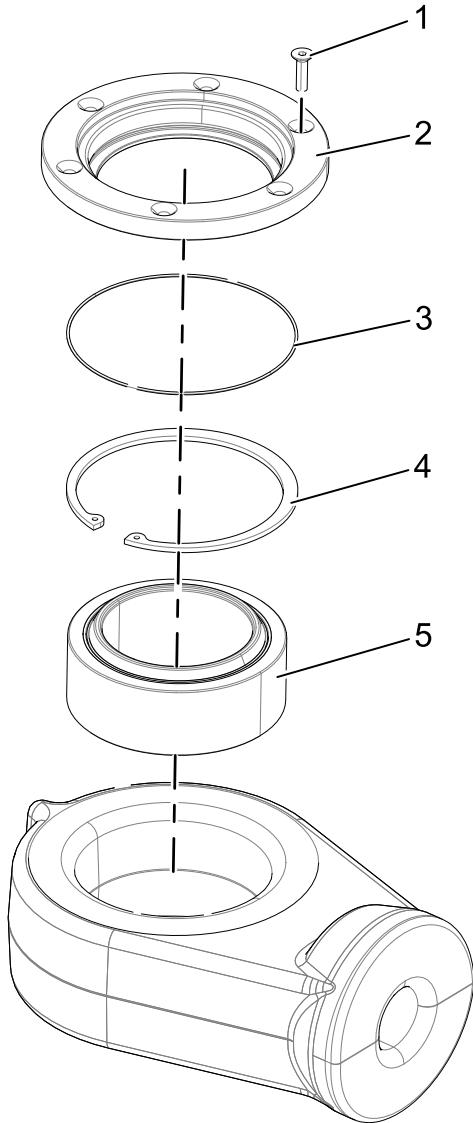
2.49 HYDR SENSOR POSITION L=800, 29011735



IPV05066

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	29011735	HYDR SENSOR POSITION L=800		
NS	1	29019565	HYDR SENSOR POS BALLUFF L=800		
NS	1	29019568	HYDR SENSOR POS MTS L=800		

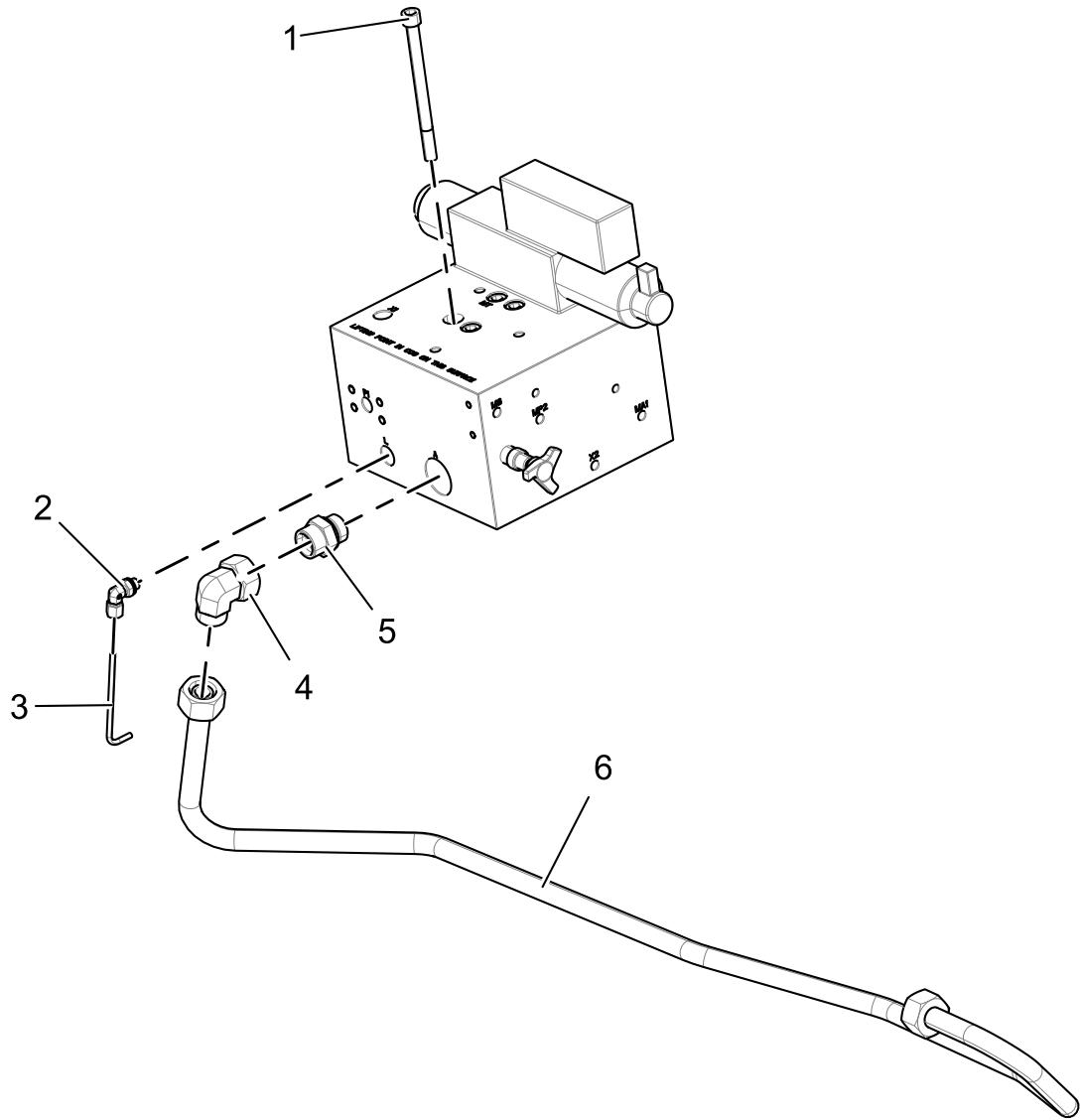
2.50 LINK BEARING HEAD COMPLETE, 29059711



IPV06549

Pos	Qty	Material No.	Description	Codes	Remarks
1	6	150941	SCREW SKT FH ISO 10642 M8x30 A4-70		
2	1	29006532	DISTANCE RING FOR BEARING		
3	1	108084	O-RING 165X2,0 - NBR70		
4	1	60030562	LOCKING RING DIN 472 160 X 4		
5	1	S085446	LINK BEARING GE110		

2.51 PITCH MANIFOLD DIA160 CYLINDER, 29120327



IPV08656

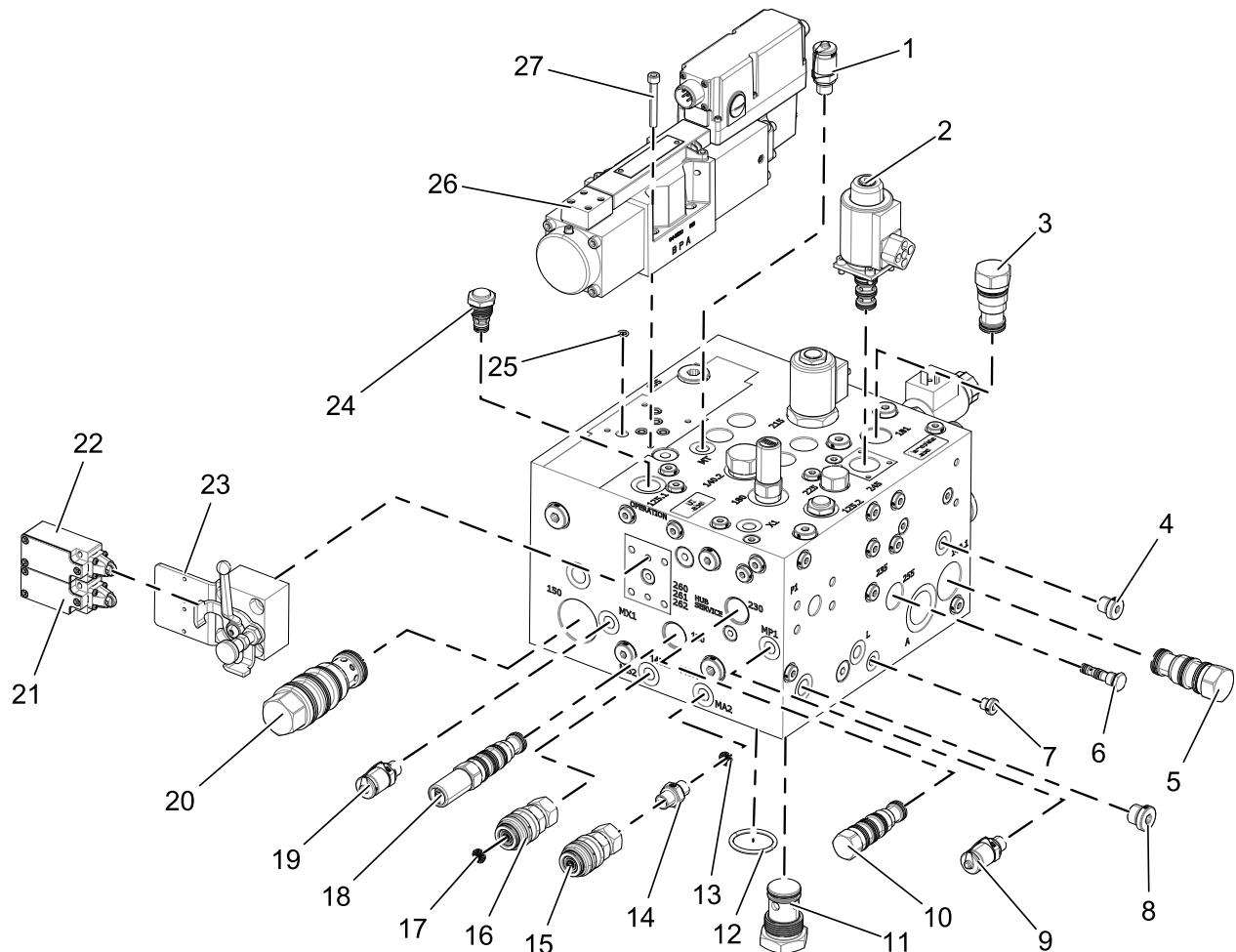
Pos	Qty	Material No.	Description	Codes	Remarks
1	4	152416	SCREW SKT ISO 4762 M14x180 10.9 flZnLnc		
2	1	132201	CON ISO8434-1 SDELN S6XG1/4E		
3	1	29059710	DRAIN PIPE FOR CYLINDER	-WP2	
4	1	131545	CON ISO8434-1 SWOE S25		
5	1	131544	CON ISO8434-1 SDS S25XG1E		
6	1	29120343	PIPE FOR PITCH CYLINDER 2MW		

2.52 MANIFOLD FOR HYDR PITCH, 29120157

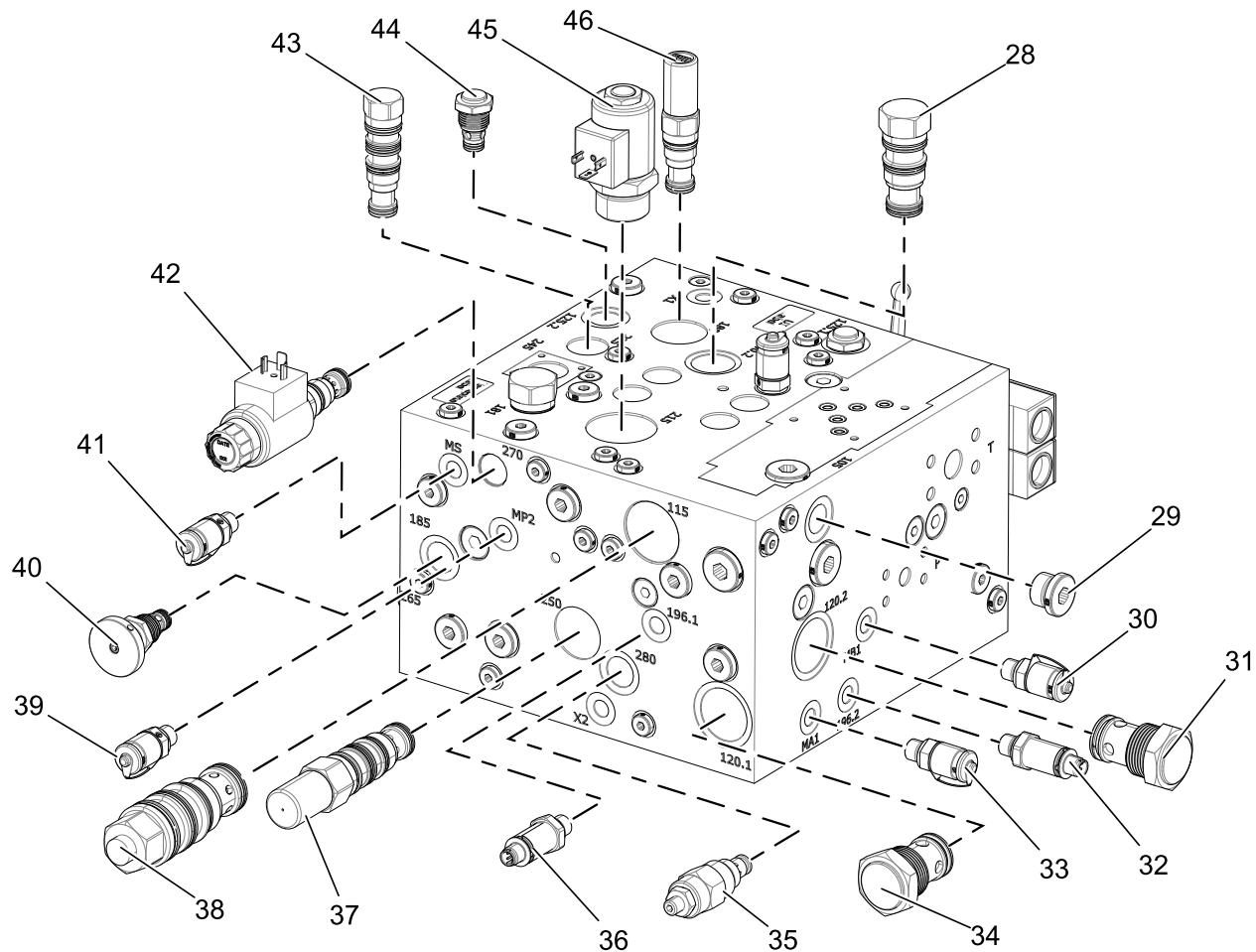
No IPV

Pos	Qty	Material No.	Description	Codes	Remarks
NS	1	29121782	PITCH MANIFOLD HYD HINE		
NS	1	29121788	PITCH MANIFOLD HYD BOSCH		

2.53 PITCH MANIFOLD HYD HINE, 29121782



IPV08658 Sheet 1



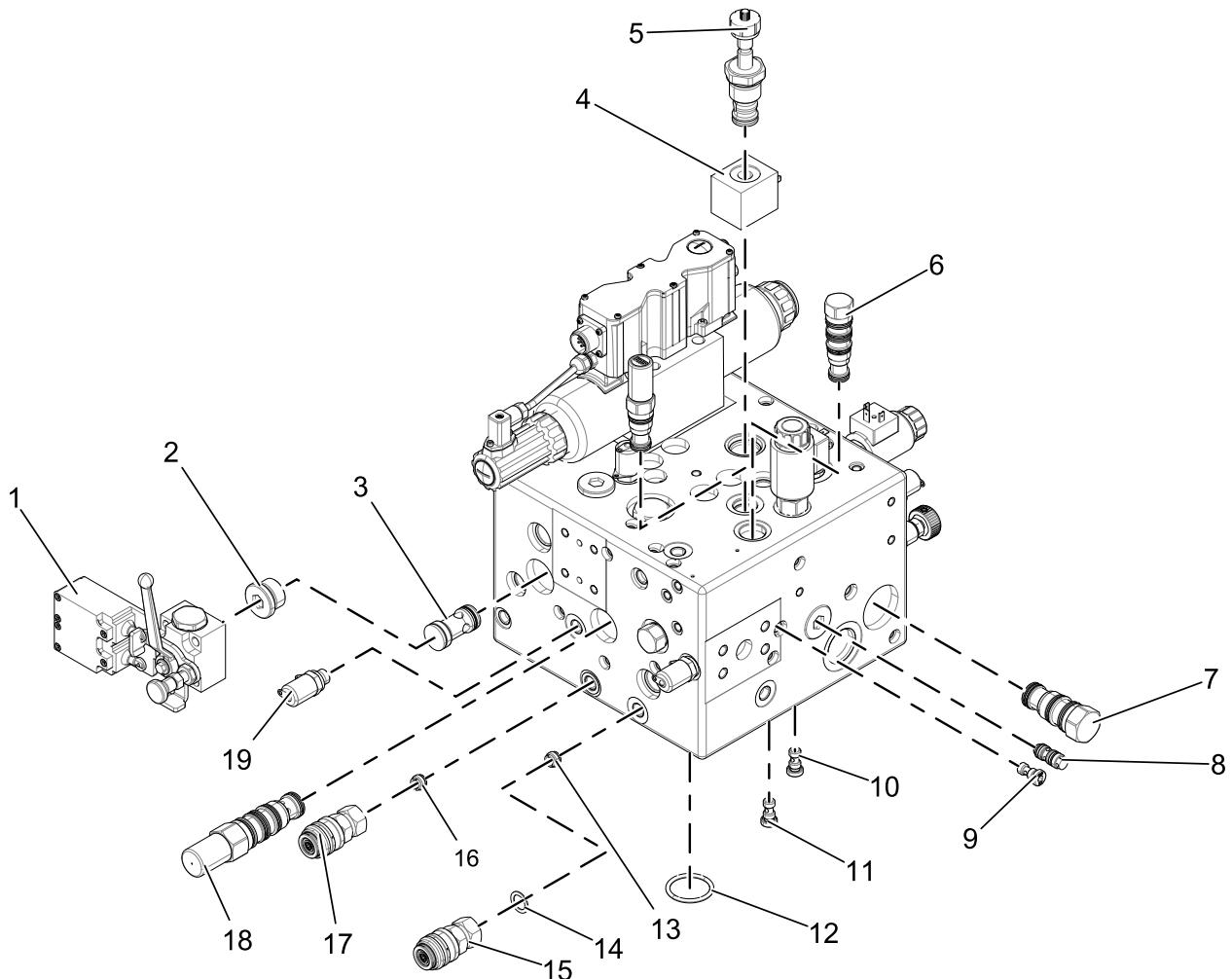
IPV08658 Sheet 2

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	109114	METER CONN.ERMETO EMA 3-R-1/4"	MT	
2	1	131325	SOLENOIDVALVE 3/2 W1DCA8 24VDC	245	
3	1	29122410	VALVE PRESS COMP FLOW 25.5 LPM	181	
4	14	60120548	PLUG VSTI R1/4in-ED-ZI/NI		
5	1	60098953	CHECK-VALVE PILOT:COFA-XCN	140.1	
6	1	29053419	SHUTTLE VALVE DSV2-4-B-0-00	255	
7	47	60120543	PLUG VSTI R 1/8" ED-ZI/NI		
8	13	100608	BLANKING PLUG 3/8"-ED-ZI/NI		
9	1	109114	METER CONN.ERMETO EMA 3-R-1/4"	MP1	
10	1	10205761	LOGIC ELEMENT DKDS-XHN	230	
11	1	29015005	CHECK VALVE CV11-16 P-0-5	120.3	
12	3	108144	O-RING 37,69X3,53 NBR SHORE 90		
13	1	193426	FILTER STRAINER AND DISC 100MY	145.1	
14	2	106173	NIPPLE HEX. 1/4" - 1/4" 01BP04		
15	1	105111	QUICK CONNECTION COUPLING	MA2	

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Pos	Qty	Material No.	Description	Codes	Remarks
16	1	105111	QUICK CONNECTION COUPLING	MB2	
17	1	193426	FILTER STRAINER AND DISC 100MY	145.2	
18	1	193424	LOGIC ELEMENT DODP-CBN	130	
19	1	109114	METER CONN.ERMETO EMA 3-R-1/4"	MX1	
20	1	105639	HYDR LOGIC VALVE DKHS-XHN	150	
21	1	10208730	POSITION SWITCH INCL M12 PLUG	262	
22	1	10208730	POSITION SWITCH INCL M12 PLUG	261	
23	1	29053420	BALL VALVE DN6	260	
24	1	29015006	CHECK VALVE CV3-8-P-0-004	125.1	
25	5	112092	O-RING POLYURETHANE KIT CETOP		
26	1	193422	HYDR. VAL PROP CETOP5 CAN OPEN	105	
27	4	112093	CYL SCREW M6X45 12.9 ZN-FL		
28	1	29063311	HY VALVE FLOW 6.8 LPM T-13A	180	
29	1	60098953	CHECK-VALVE PILOT:COFA-XCN	140.2	
30	7	60120537	PLUG VSTI R 1/2" ED-ZI/NI		
31	1	109114	METER CONN.ERMETO EMA 3-R-1/4"	MB1	
32	1	29015005	CHECK VALVE CV11-16 P-0-5	120.2	
33	1	109279	PRESSURE TRANSMITTER	196.2	
34	1	109114	METER CONN.ERMETO EMA 3-R-1/4"	MA1	
35	1	29015005	CHECK VALVE CV11-16 P-0-5	120.1	
36	1	29107023	RELIEF VALVE 1DR2P40S SP300BAR	280	
37	1	109279	PRESSURE TRANSMITTER	196.1	
38	1	105758	HYDR VAL COUNTER BALANCE	250	
39	1	108352	CVGV-XCN KONTRAVENTIL	115	
40	1	109114	METER CONN.ERMETO EMA 3-R-1/4"	MP2	
41	1	131114	VALVE NEEDLE NV1-8-K-0	185	
42	1	109114	METER CONN.ERMETO EMA 3-R-1/4"	MS	
43	1	29053422	2-WAY SOL. VALVE DLDA-XCN224	270	
44	1	10205761	LOGIC ELEMENT DKDS-XHN		
45	1	29015006	CHECK VALVE CV3-8-P-0-004	125.2	
46	1	29053414	SLNOIDVALVE 2/2 NC 1316C24DGH	215	

2.54 PITCH MANIFOLD HYD BOSCH, 29121788

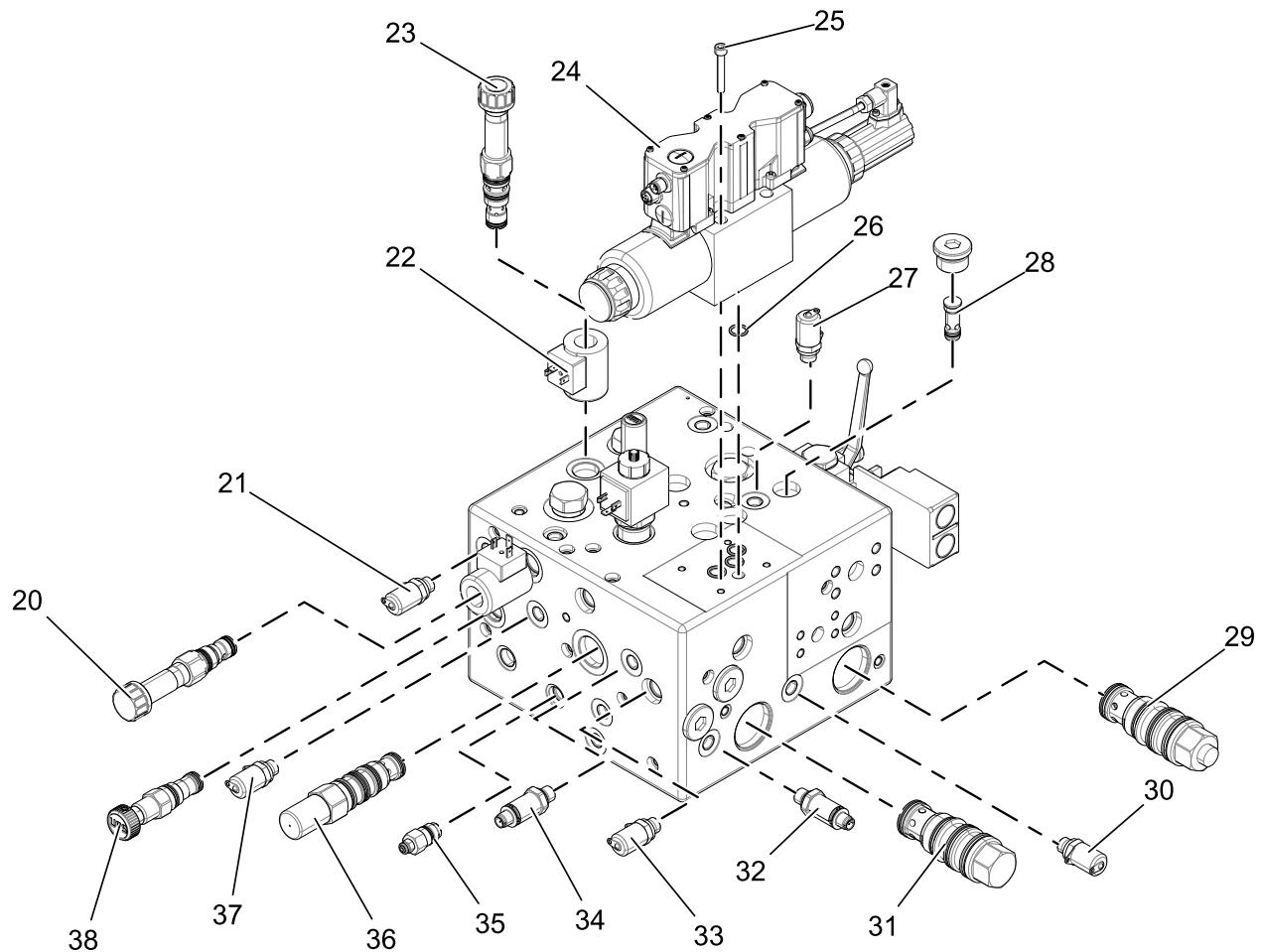


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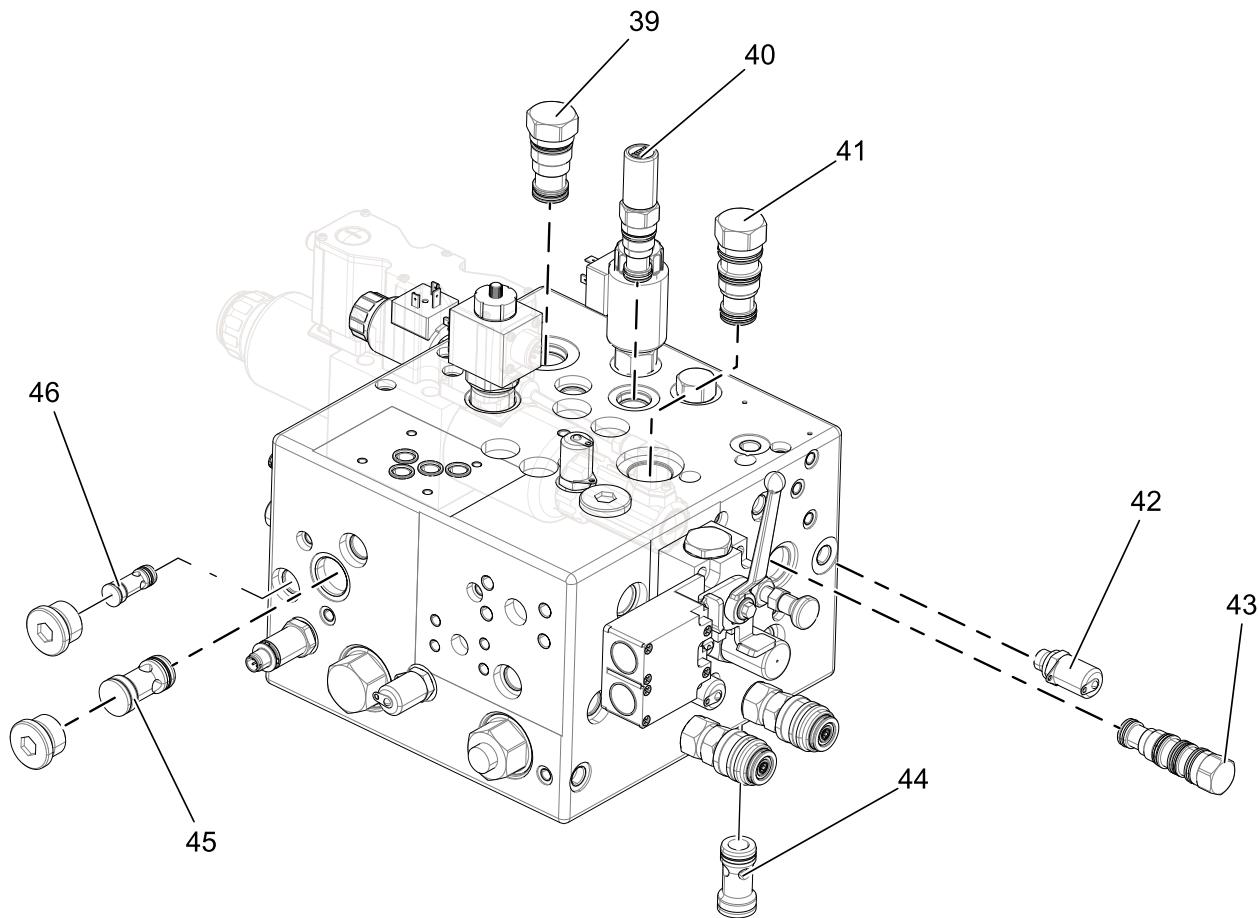


IPV08659 Sheet 2

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IPV08659 Sheet 3

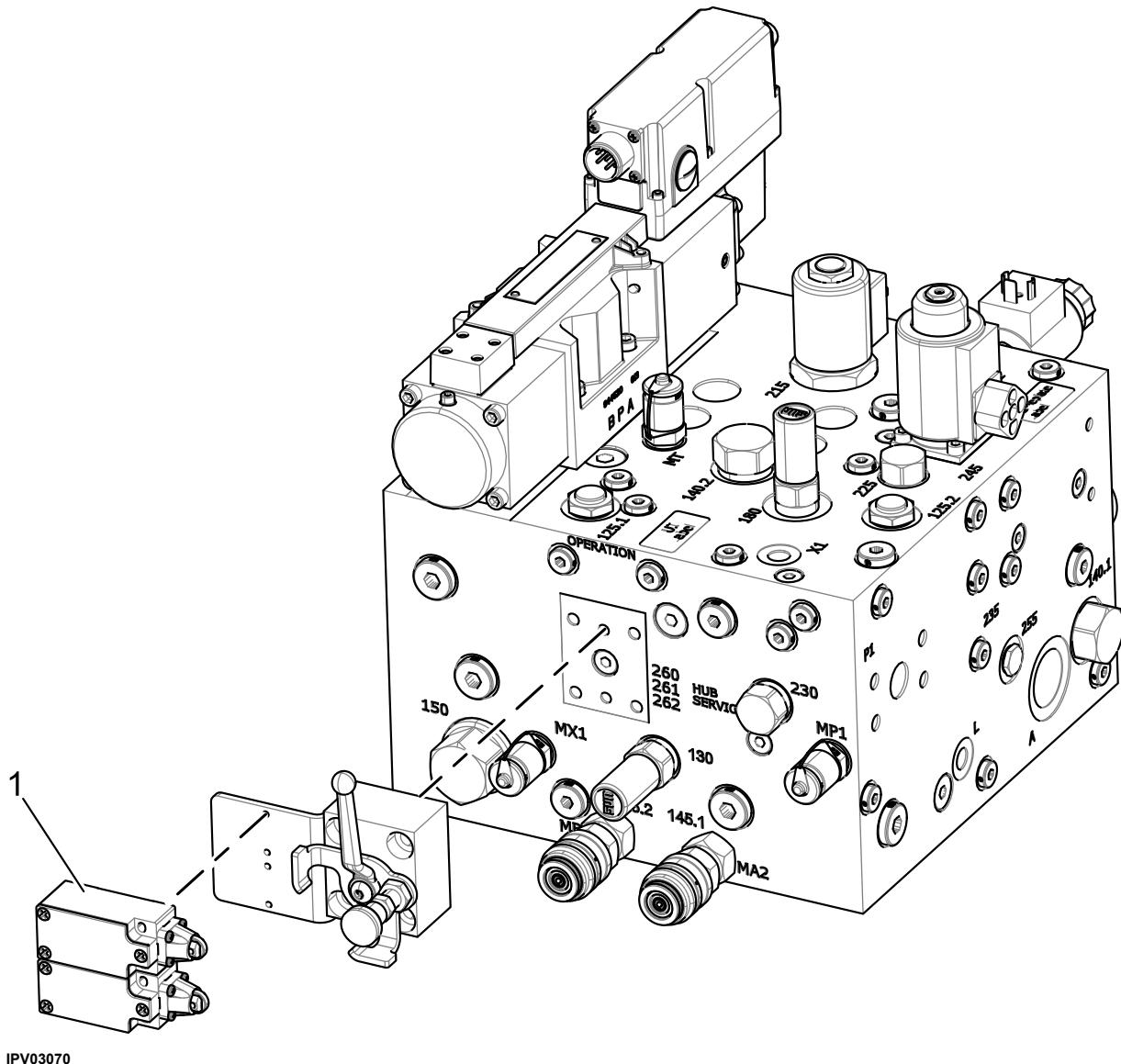
Pos	Qty	Material No.	Description	Codes	Remarks
1	1	105774	HYDR BALL VALVE INCL SWITCH	260	
2	6	60120468	PLUG VSTI R 3/4" ED-A3C		
3	1	105622	VALVE CHECK HYDR	120.1	
4	1	108393	SOLENOID VALVE		
5	1	108392	PILOT OPER ELEC SEAT VALVE	215	
6	1	10205761	LOGIC ELEMENT DKDS-XHN	225	
7	1	60098953	VALVE CHECK PILOT:COFA-XCN	140.2	
8	1	105773	HYDR VAL SHUTTLE	255	
9	1	108773	ORIFICE Ø0,8-M10X1-ST	235	
10	1	108773	ORIFICE Ø0,8-M10X1-ST	265	
11	1	108773	ORIFICE Ø0,8-M10X1-ST	240	
12	1	108144	O-RING 37,69X3,53 NBR SHORE 90		
13	1	109744	FILTER FOR PITCH BLOCK 3MW	147.1	
14	2	105109	HYDR BOND SEAL 1/4"BSP M12		
15	1	105111	QUICK CONNECTION COUPLING	MA2	

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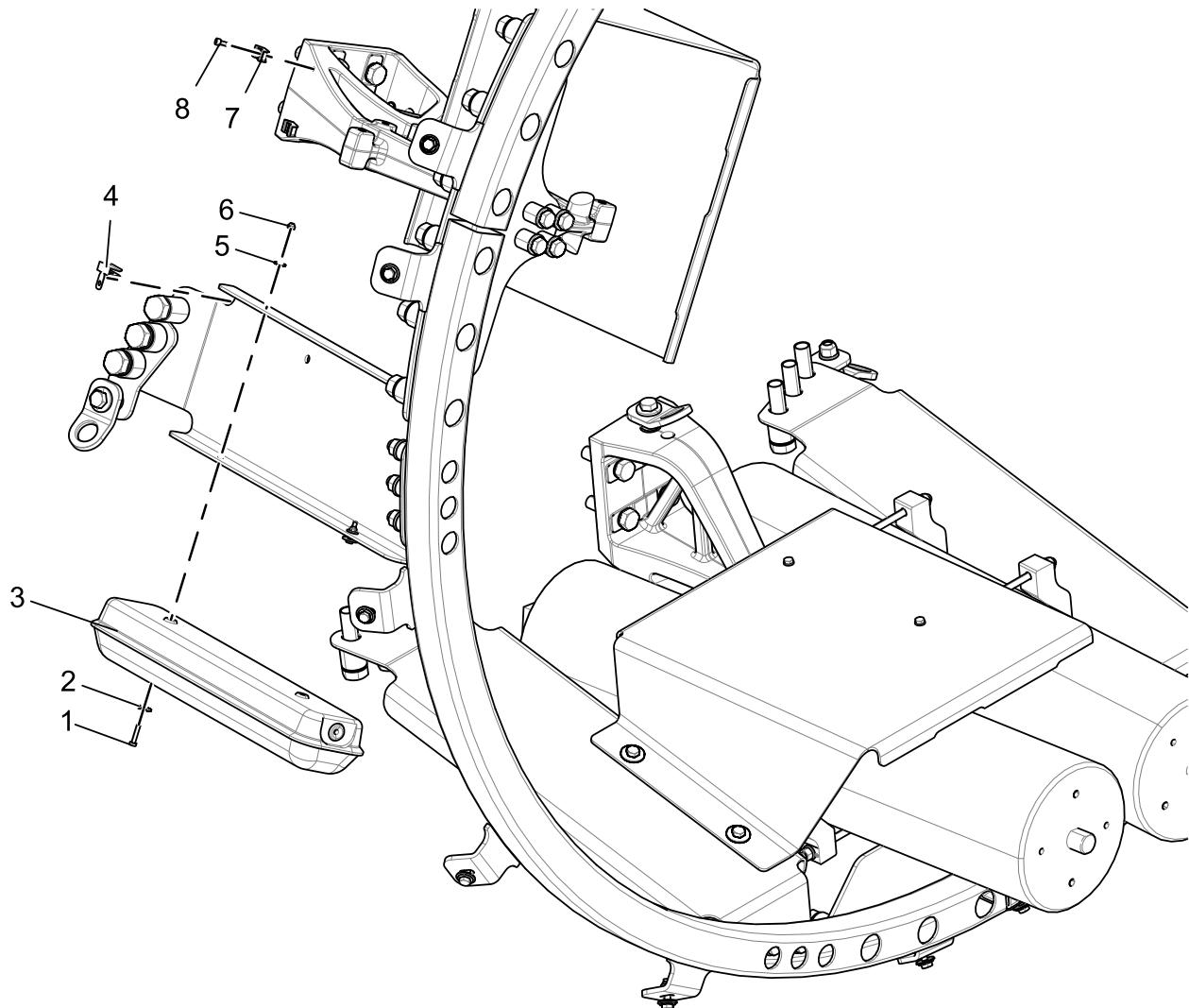
Pos	Qty	Material No.	Description	Codes	Remarks
16	1	109744	FILTER FOR PITCH BLOCK 3MW	147.2	
17	1	105111	QUICK CONNECTION COUPLING	MB2	
18	1	108342	HYDR VAL COUNTER BALANCE	130	
19	1	108365	NIPPLE MINIMESH G1/4" HYDR FTG	MX1	
20	1	29010704	HY VALVE SOLENOID 2-2 55LPM	270	
21	1	108365	NIPPLE MINIMESH G1/4" HYDR FTG	MS	
22	2	60106201	COIL GZ37-4 24VDC 19W		
23	1	108774	SOLENOID VALVE KSDER1CB/HNOV	245	
24	1	108388	PROPORTIONAL VALVE	105	
25	4	60120592	M6 X 40 SCREW, 12.9		
26	1	108244	O-RING 13,00X1,60X2,00 FKM80		
27	1	108365	NIPPLE MINIMESH G1/4" HYDR FTG	MT	
28	1	105625	VALVE CHECK HYDR M-SR	125.1	
29	1	108352	CHECK VALVE CVGV-XCN	115	
30	1	108365	NIPPLE MINIMESH G1/4" HYDR FTG	MB1	
31	1	105639	HYDR LOGIC VALVE DKHS-XHN	150	
32	1	109279	PRESSURE TRANSMITTER	196.2	
33	1	108365	NIPPLE MINIMESH G1/4" HYDR FTG	MA1	
34	1	109279	PRESSURE TRANSMITTER	196.1	
35	1	29056466	HY VALVE RELIEF 1,5LPM 300 BAR	280	
36	1	105758	HYDR VAL COUNTER BALANCE	250	
37	1	108365	NIPPLE MINIMESH G1/4" HYDR FTG	MP2	
38	1	29048147	THROTTLE VALVE B409-I8J-G01	185	
39	1	29122410	VALVE PRESS COMP FLOW 25.5 LPM	181	
40	1	29063311	HY VALVE FLOW 6.8 LPM T-13A	180	
41	1	60098953	VALVE CHECK PILOT:COFA-XCN	140.1	
42	1	108365	NIPPLE MINIMESH G1/4" HYDR FTG	MP1	
43	2	10205761	LOGIC ELEMENT DKDS-XHN	230	
44	1	105622	VALVE CHECK HYDR	120.3	
45	1	105622	VALVE CHECK HYDR	120.2	
46	1	105625	VALVE CHECK HYDR M-SR	125.1	

2.55 HYDR BALL VALVE INCL SWITCH, 105774



Pos	Qty	Material No.	Description	Codes	Remarks
1	6	10208730	POSITION SWITCH INCL M12 PLUG		

2.56 SPINNER STRUC ASSY CE 25.26L, 29120584

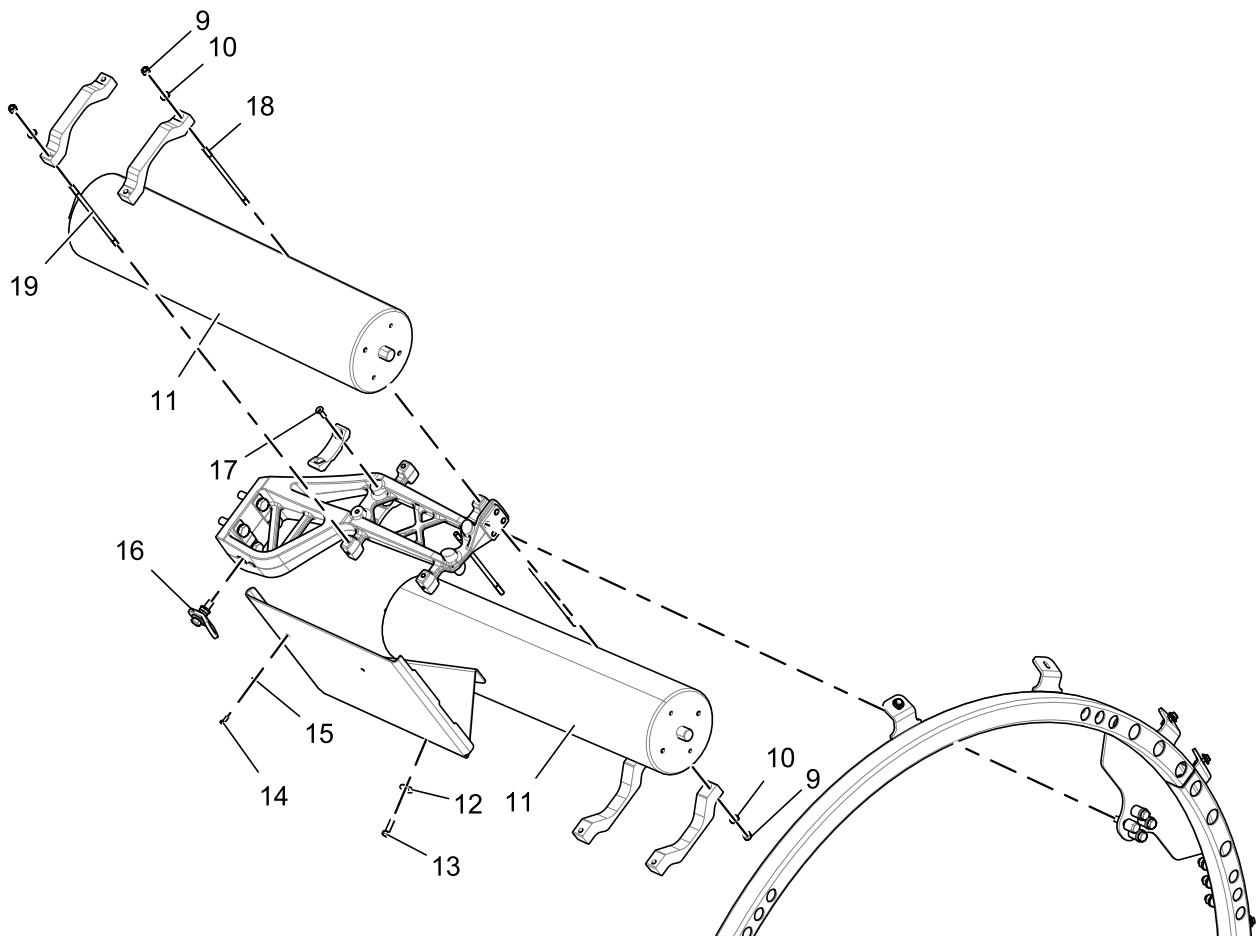


IPV08660 Sheet 1

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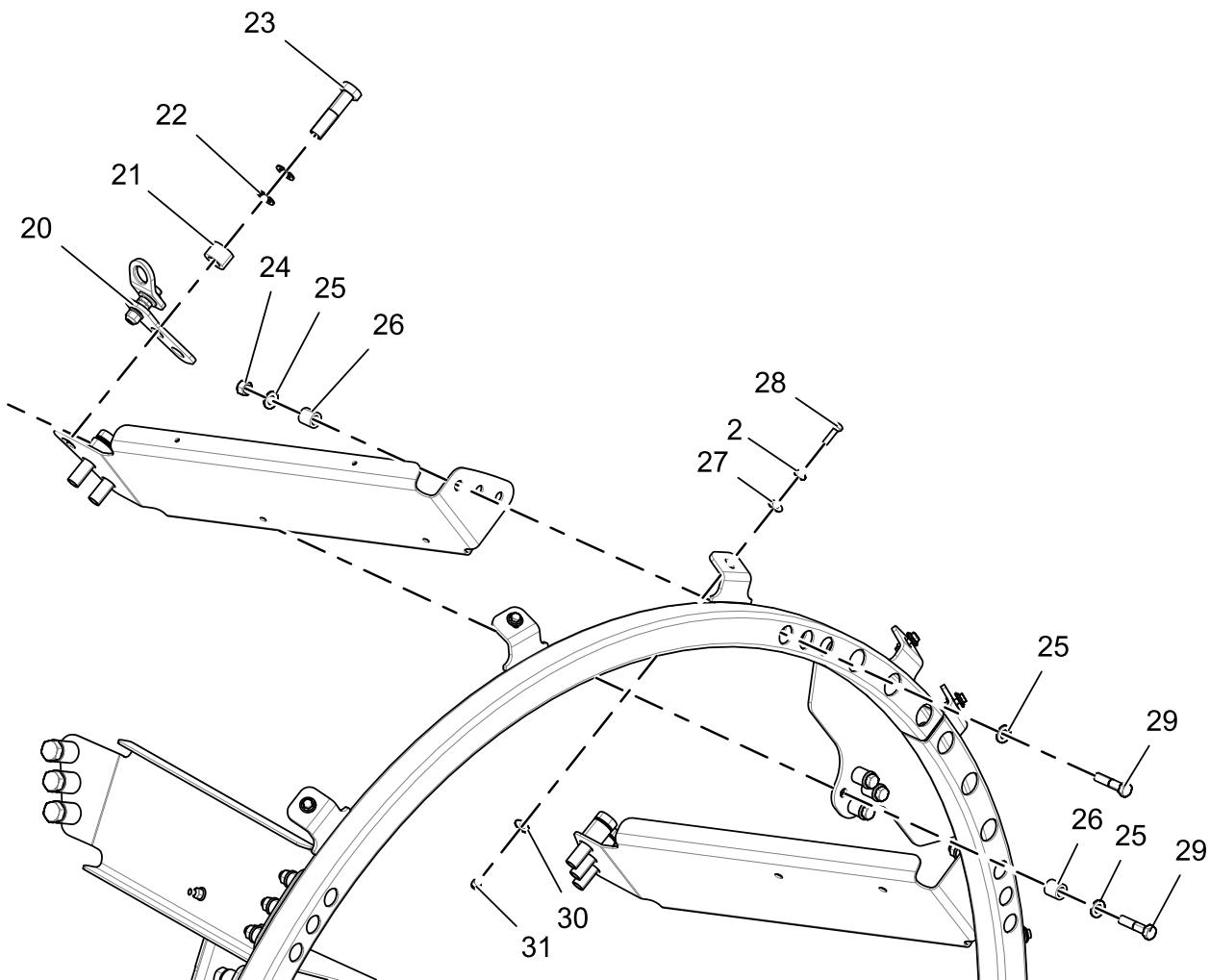
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IPV08660 Sheet 3

Pos	Qty	Material No.	Description	Codes	Remarks
1	2	155401	SCREW HEX ISO 4017 M6x30 A4-70		
2	2	158394	WASHER ISO 7093 M8 A4-70		
3	1	195400	LUMINARY 2X18W W EMERG LIGHT		
4	1	29032552	CABLE HOLD CLIP TYPE 3-8MM		
5	2	155900	WASHER ISO 7093 M6 A4-70		
6	2	158044	NUT HEX LOCK M6 A4-70		
7	2	115544	ANCHOR FOR CABLE TIE STRIP		
8	2	151466	SCREW SKT ISO 4762 M6X12 A4-70		
9	16	157352	NUT HEX M12 8 TZN		
10	16	155759	WASHER ISO 7089 M12 HV 200 TZN		
11	4	29120604	ACCUMULATOR HYD 25.26L CE		
12	4	156818	WASHER ISO 7093 M12 A4-70		
13	4	153294	SCREW HEX M12x40 A4-70		
14	4	155372	SCREW HEX ISO 4017 M8x20 A4-70		

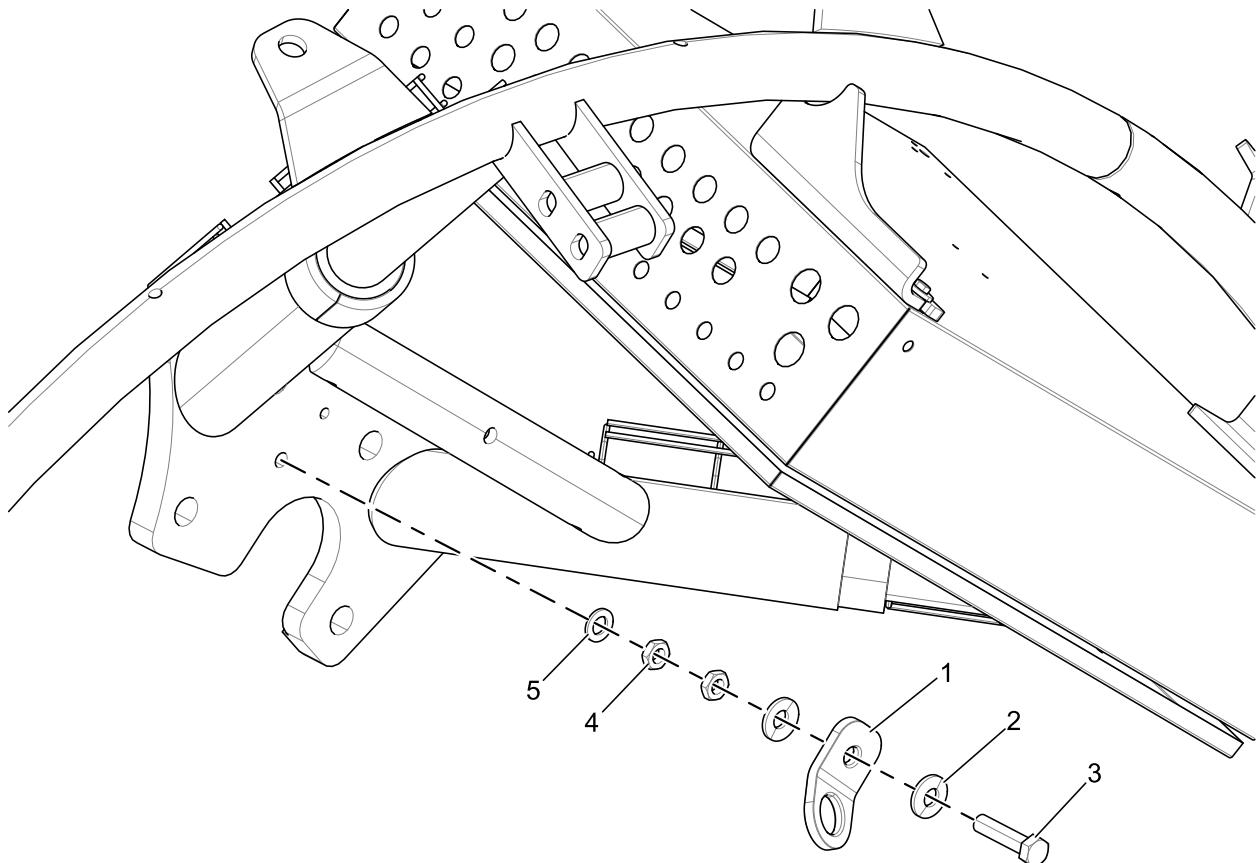
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Pos	Qty	Material No.	Description	Codes	Remarks
15	4	156280	WASHER ISO 7089 M8 A4-70		
16	3	10204652	ANCHORAGE ASSEMBLY		
17	8	150950	SCREW SKT FH M10x35 A4-70		
18	8	29059842	STUD M12X285-8.8 TZN		
19	8	29120582	STUD M12X300 8.8 TZN		
20	3	29100724	ANCHORAGE SUB ASSEMBLY		
21	3	10213106	DISTANCE BUSHING		
22	6	134009	WEDGE LOCK WASHER M24FLZNC-600		
23	3	152994	BOLT HEX M24x100 8.8U tZn		
24	18	157997	NUT HEX M16 10 tZn		
25	36	157016	WASHER ISO 7416 M16 HV 300 TZN		
26	18	29081837	BUSHING Ø30XØ18X30		
27	15	155369	SEALING DISC M10		
28	15	155428	SCR HEX ISO 4017 M10x40 A4-70		
29	18	155145	BOLT HEX M16x70 10.9U tZn		
30	15	158395	WASHER ISO 7093 M10 A4-70		
31	15	157715	NUT HEX LOCK M10 A4-70		



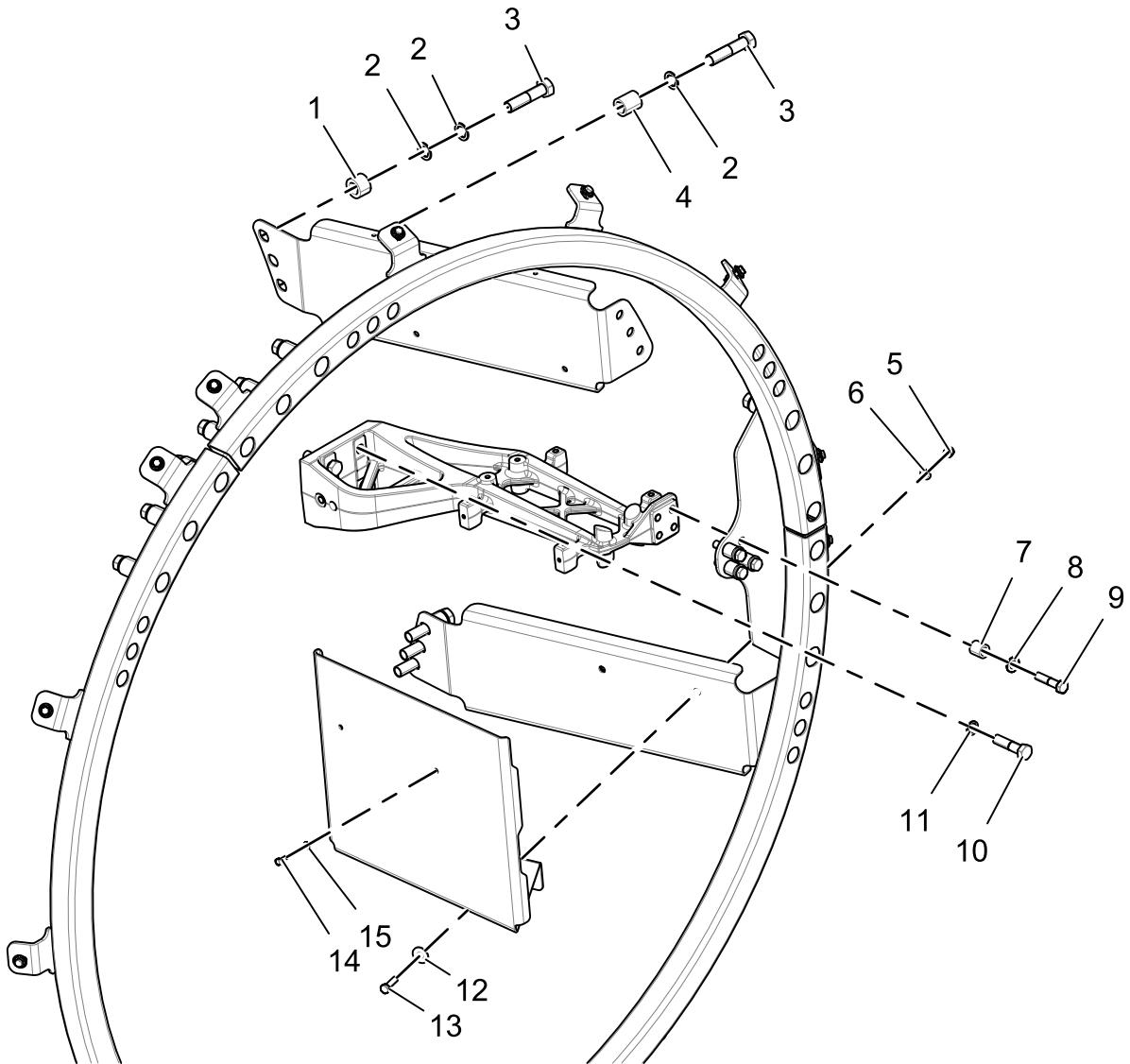
2.57 ANCHORAGE ASSEMBLY, 10204652



IPV07577

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	155465	SCREW ISO4017 M16x65 A4-70		
2	2	29005783	WASHER DIN 6796 M16 A4		
3	1	29080914	ANCHORAGE PLATE		
4	2	157469	NUT HEX ISO 4035 M16 A4-70		
5	1	156281	WASHER ISO 7089 M16 A4-70		

2.58 ACCUMULATOR SUPPORT ASSY 87.6, 29120603



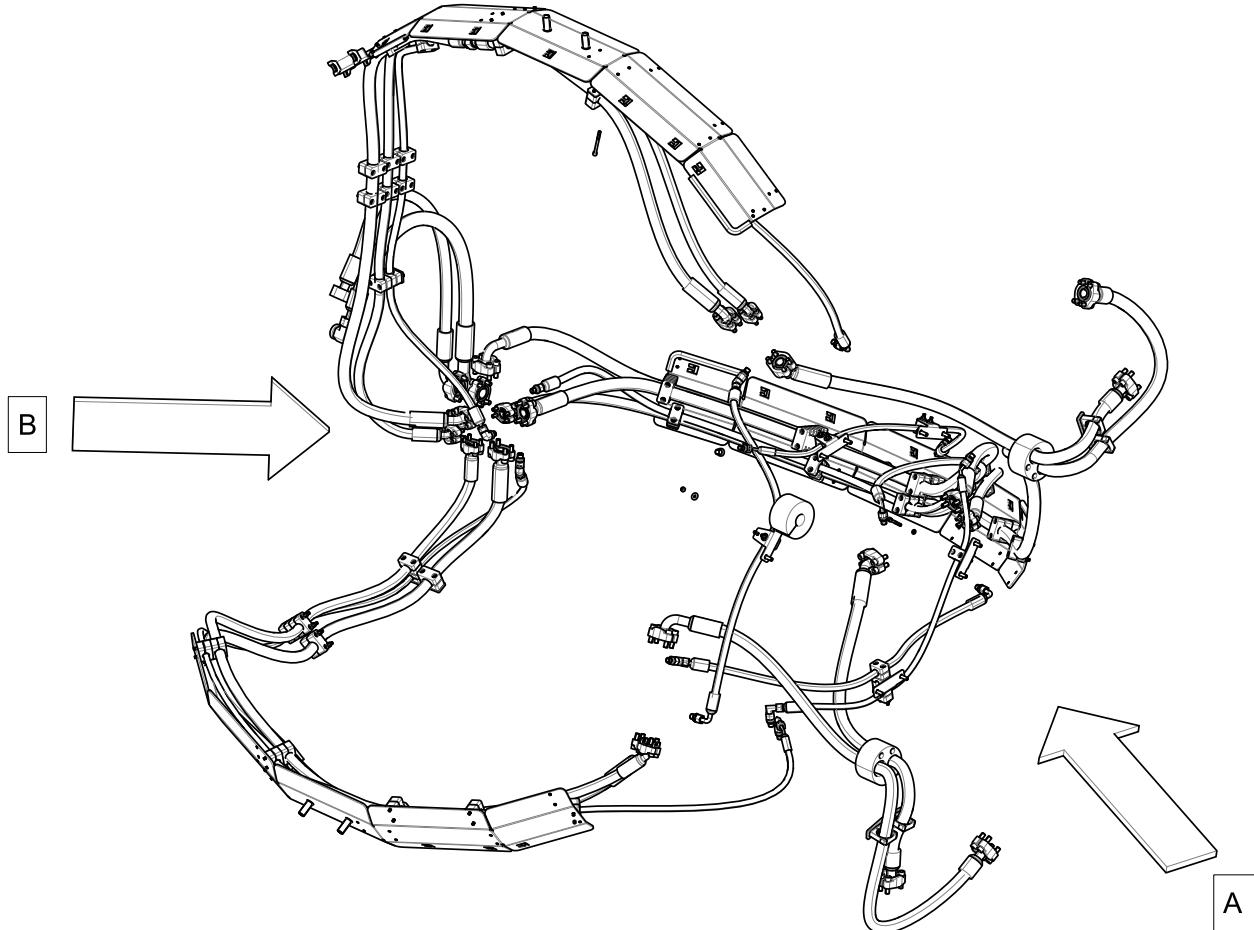
IPV08661

Pos	Qty	Material No.	Description	Codes	Remarks
1	2	10213106	DISTANCE BUSHING		
2	8	134009	WEDGE LOCK WASHER M24FLZNC-600		
3	6	152994	BOLT HEX ISO 4014 M24x100 8.8U tZn		
4	4	29105596	BUSHING ø40X26 45MM		
5	2	157783	NUT HEX LOCK ISO 7040 M12 A4-70		
6	2	156279	WASHER ISO 7089 M12 A4-70		
7	4	29081837	BUSHING ø30xø18x30		
8	4	157016	WASHER ISO 7416 M16 HV 300 tZn		
9	4	155145	BOLT ISO4014 M16x70 10.9U tZn		
10	4	153452	BOLT ISO4014 M20x80 10.9U TZN		

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Pos	Qty	Material No.	Description	Codes	Remarks
11	4	134012	WEDGE LOCK WASHER M20FLZNC-600		
12	2	156818	WASHER ISO 7093 M12 A4-70		
13	2	153294	SCREW HEX ISO 4017 M12x40 A4-70		
14	2	155372	SCREW HEX ISO 4017 M8x20 A4-70		
15	2	156280	WASHER ISO 7089 M8 A4-70		

2.59 HYD HOSE CONNECTION ASSEMBLY, 29123528



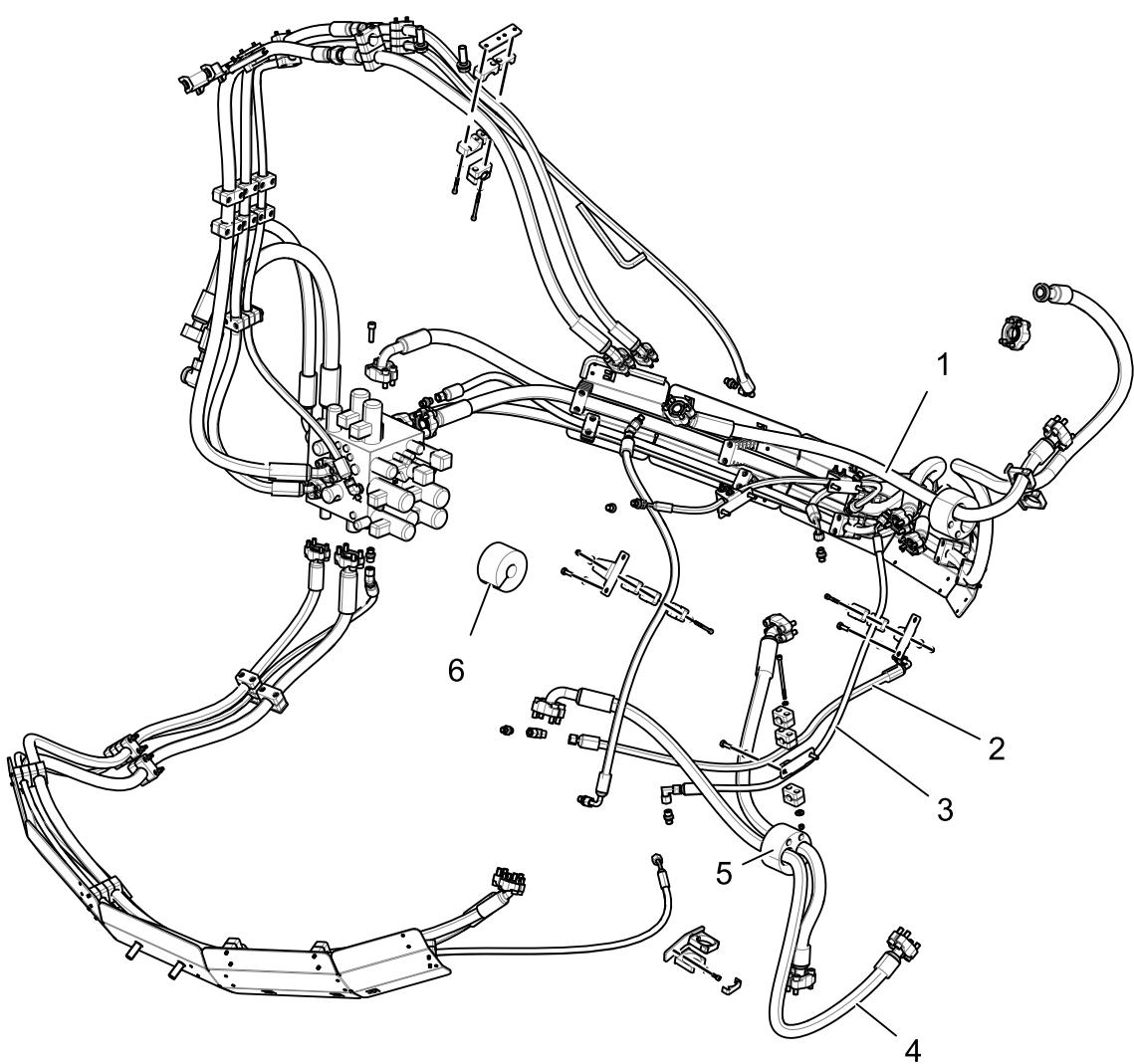
IPV08662 Sheet1

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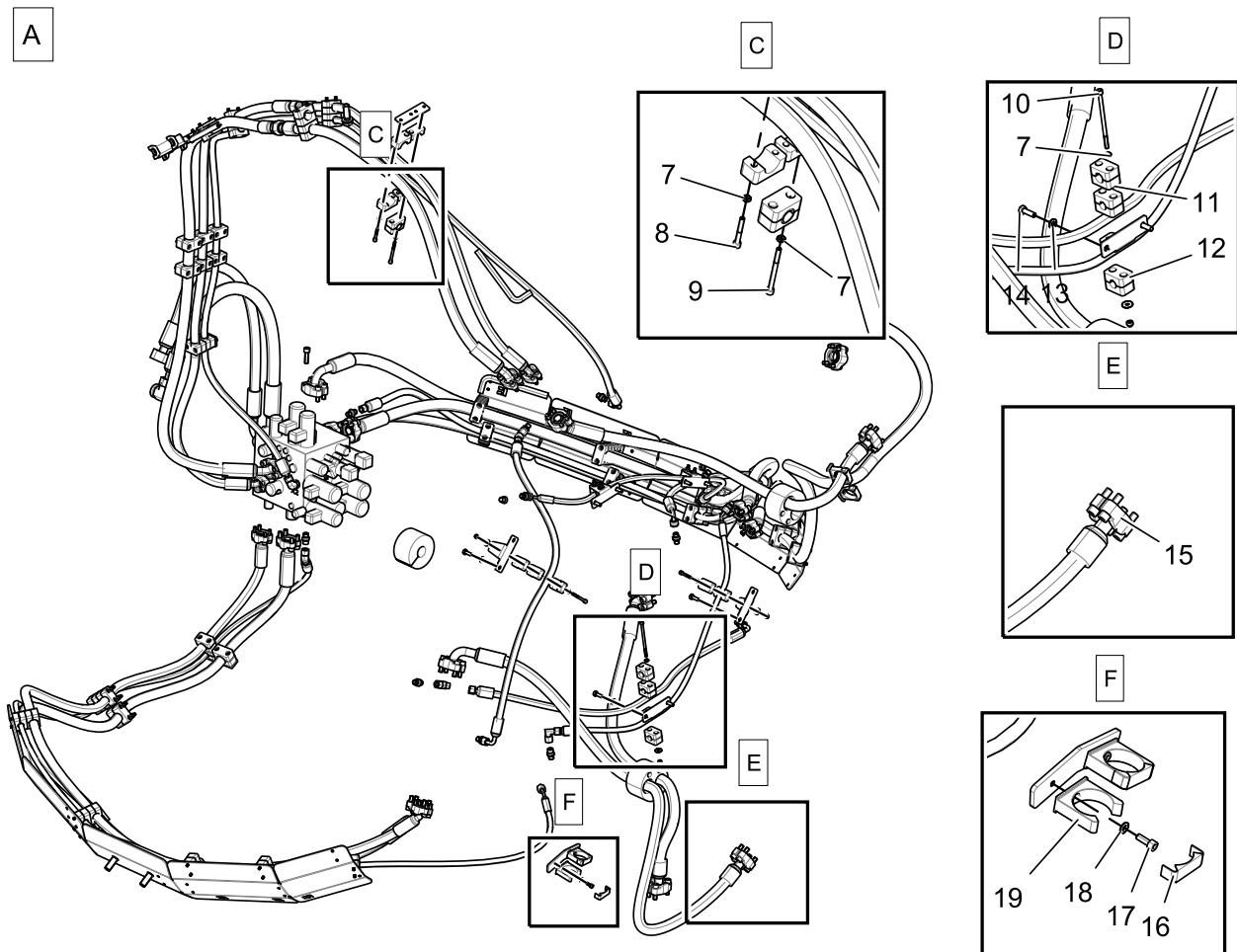
IPV08662 Sheet2

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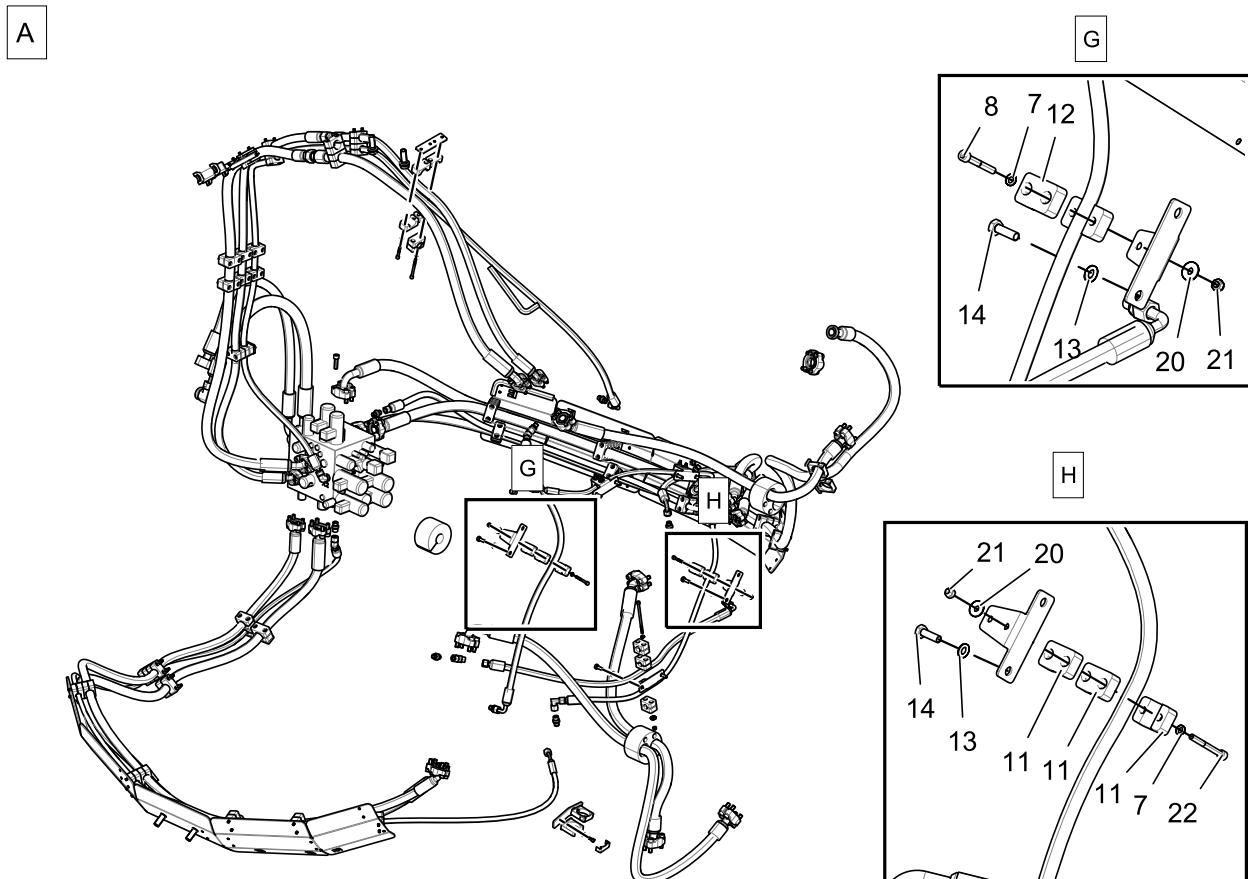
IPV08662 Sheet3

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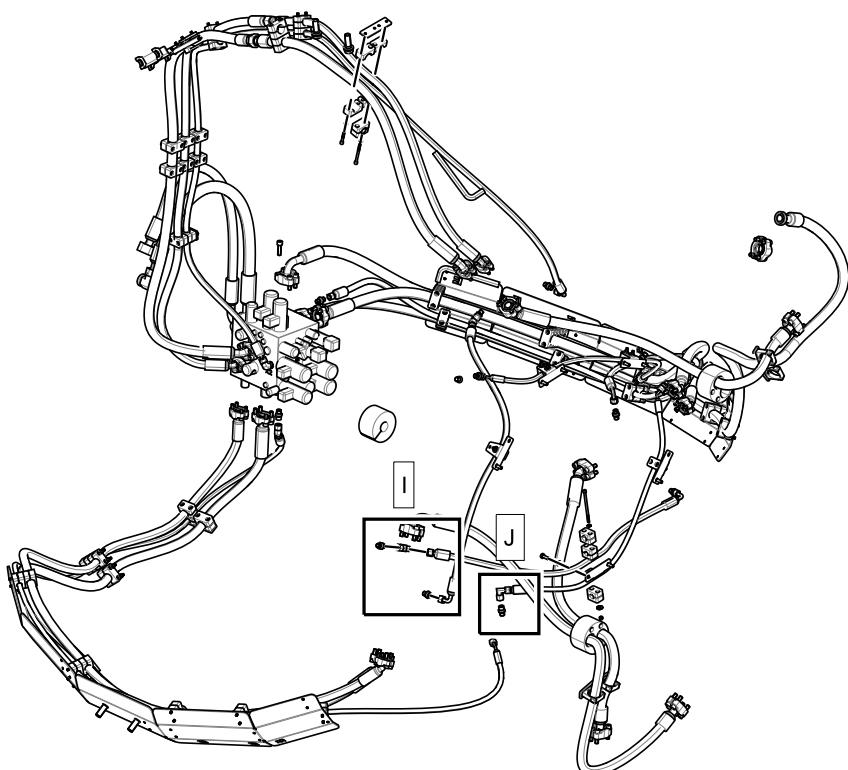
IPV08662 Sheet4

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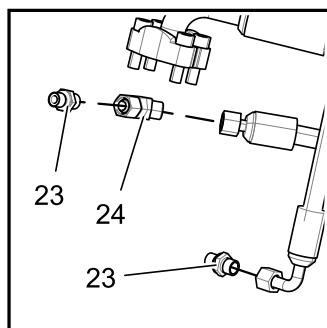
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Document number: 0083-9277. Version: 00. Class: Restricted. Type: T09. Date: 2019-05-28

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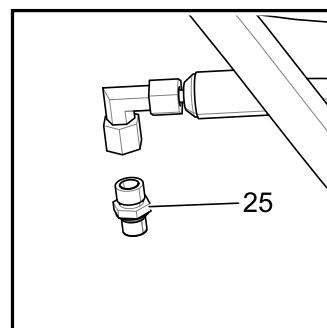
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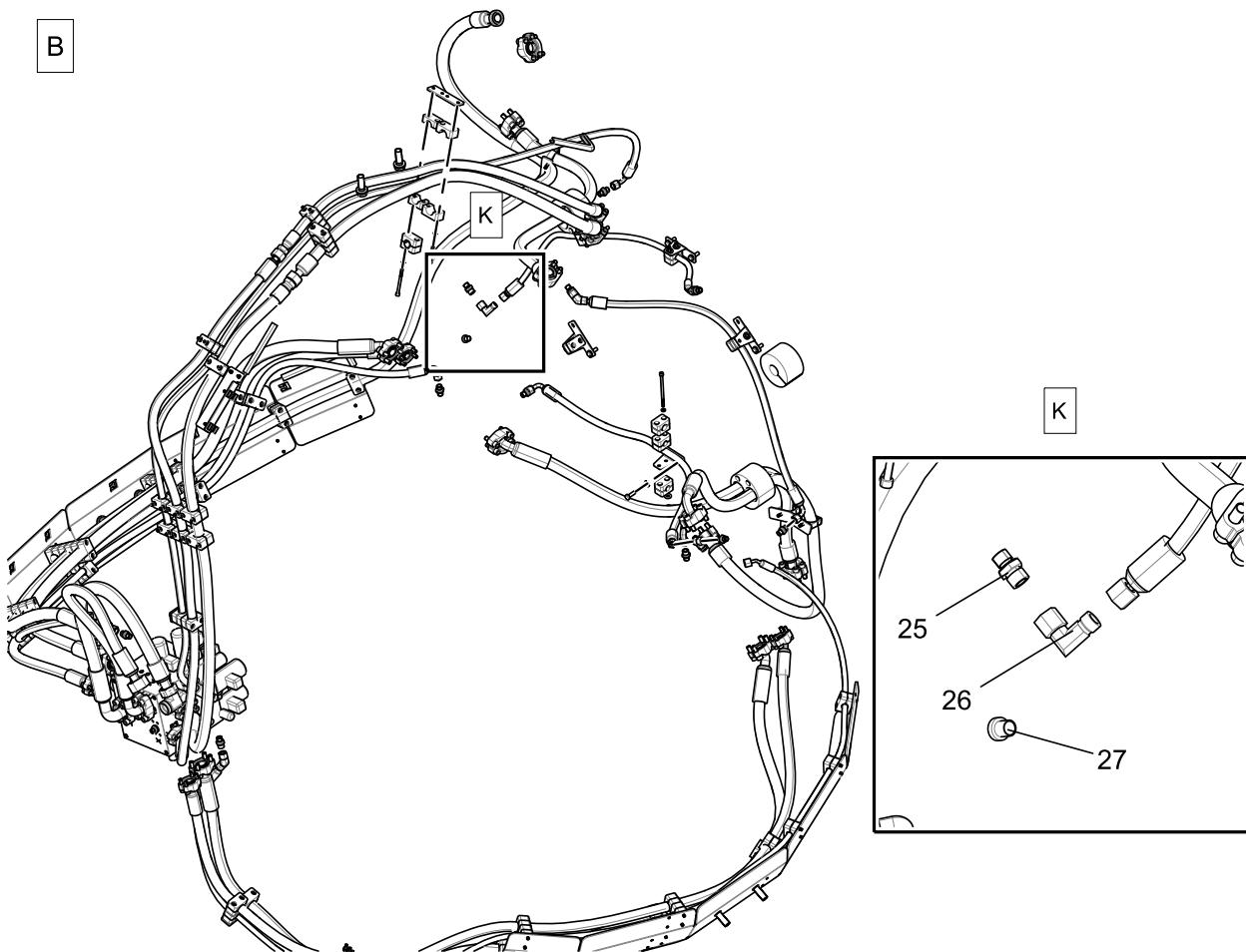
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IPV08662 Sheet5

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IPV08662 Sheet6

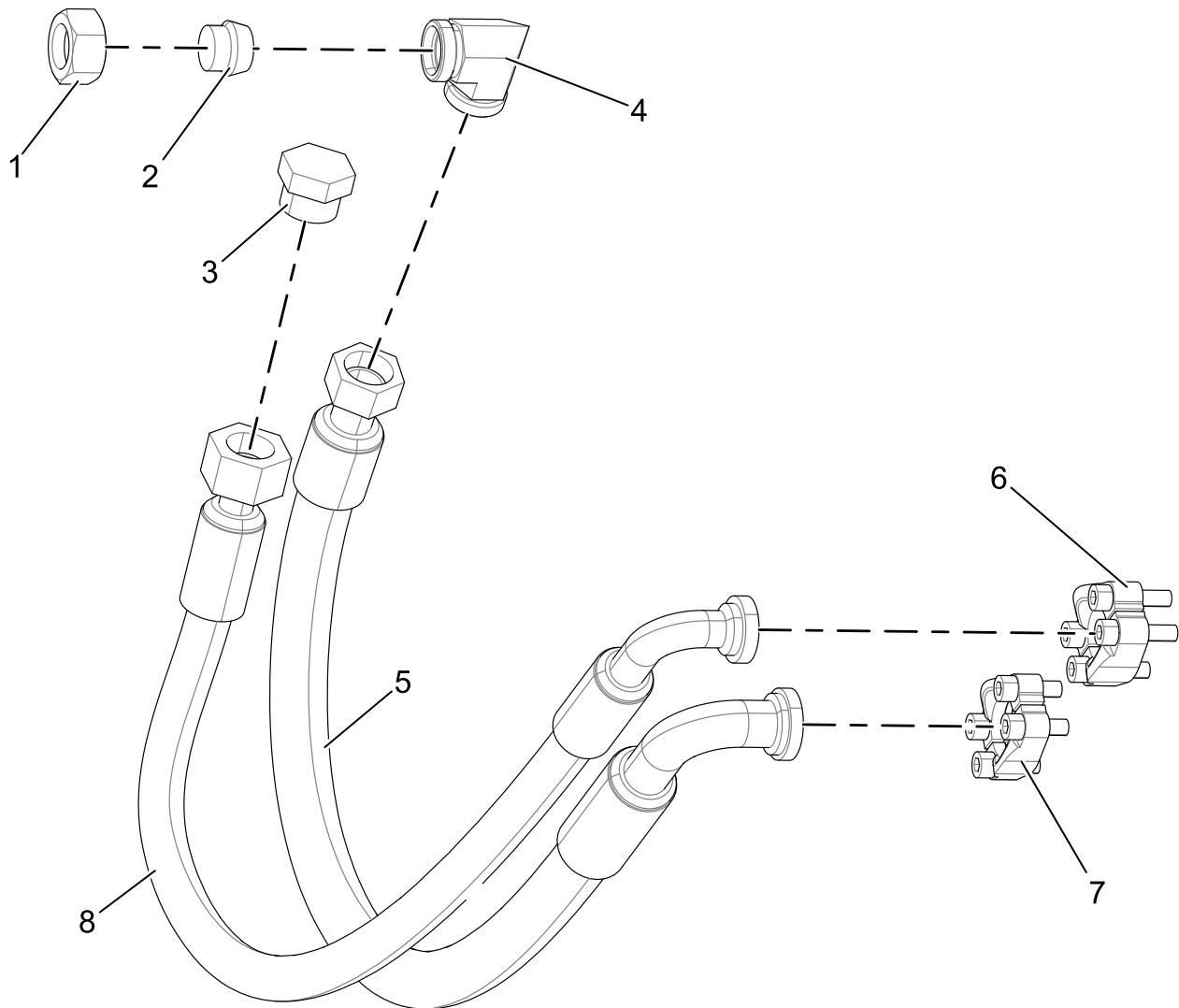
Pos	Qty	Material No.	Description	Codes	Remarks
1	2	29081904	HYDR HOSE PM ACCU PR		Meter
2	2	29081902	HYDR HOSE PM PM PILOT		Meter
3	2	29100661	HYDR HOSE BL BL PR		
4	1	29081903	HYDR HOSE PM B ACCU PR		
5	2	29013868	HUB HOSE DUCT		
6	1	76401421	CABLE RUBBER SEALING		
7	10	155817	WASHER ISO 7092 M6 HV 140 A2F		Meter
8	6	151468	SCREW SKT ISO 4762 M6x45 A4-70		Meter
9	12	151204	SCREW SKT M6x75 A4-70		
10	2	155469	SCREW SKT M6x110 A4-70		
11	3	109006x	HOLDER SET FOR PIPE ø18 C3 18		
12	5	108925	Ø15 PIPE CLAMP DIN 3015-1		
13	10	156280	WASHER ISO 7089 M8 A4-70		
14	10	155374	BOLT HEX ISO 4017 M8x25 A4-70		
15	7	131296	CLAMP ISO6162-2 FCS 1x19 ASM		

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Pos	Qty	Material No.	Description	Codes	Remarks
16	4	193694	LID FOR TUBE HOLDER 42,5		
17	4	150925	SCREW SKT ISO 4762 M6x16 A4-70		
18	4	156276	WASHER ISO 7089 M6 A4-70		
19	4	193784	CLAMP 42.5MM BLACK		
20	10	155900	WASHER ISO 7093 M6 A4-70		
21	10	158044	NUT HEX LOCK ISO 7040 M6 A4-70		
22	2	151472	SCREW SKT ISO 4762 M6x60 A4-70		
23	4	132125	CON ISO8434-1 SDS L10XG1/4E		
24	2	29089733	CON ISO8434-1 SWOE45 L 10 F		
25	5	132152	CON ISO8434-1 SDS S8XG1/4E		
26	3	132169	CON ISO8434-1 SWOE S 8 F		
27	1	132445	BLANKING PLUG W. PACK.RING 1/4		

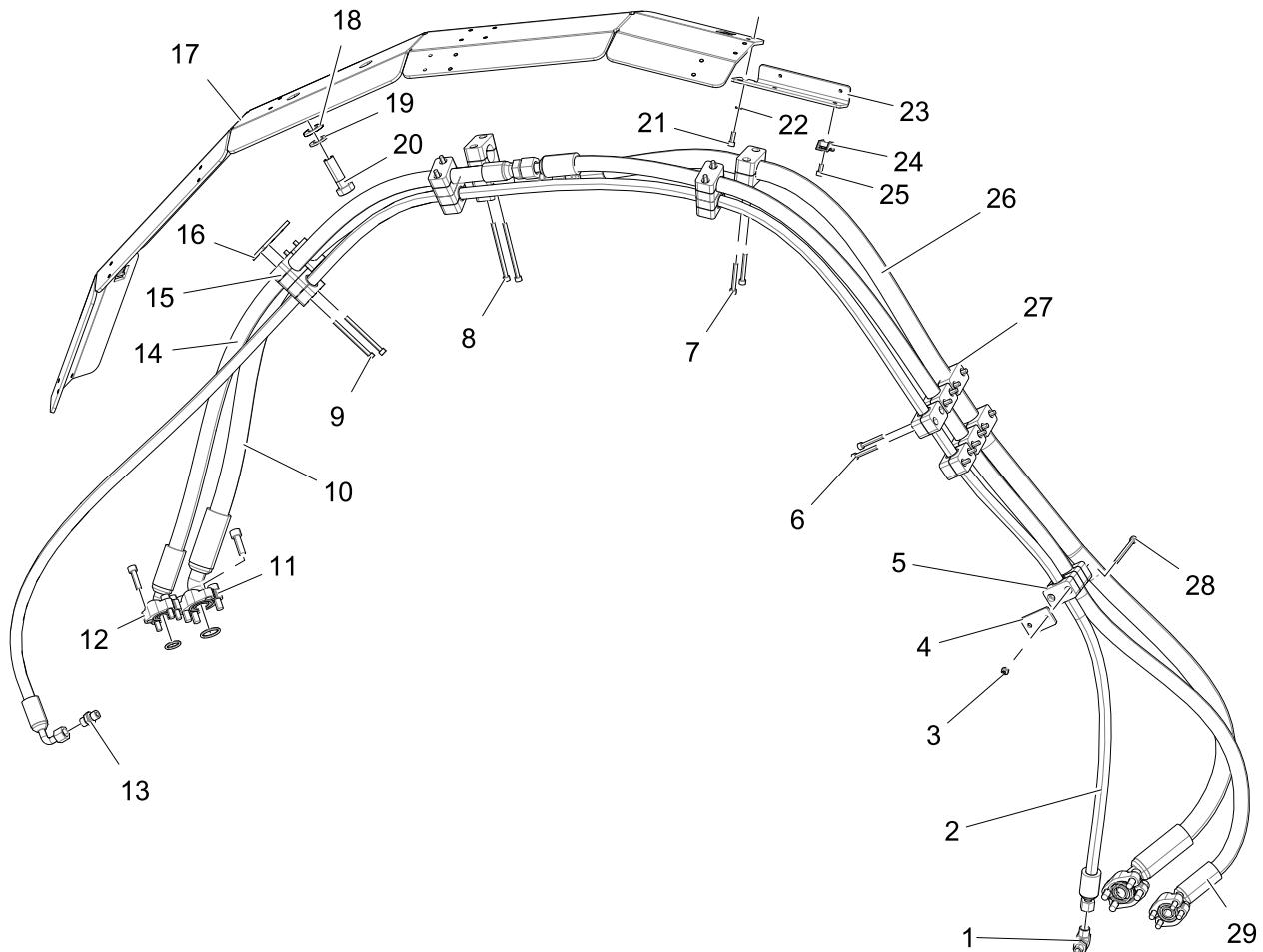
2.60 HOSES HUB ASSEMBLY OF RTM, 29023118



IPV05055

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	130295	CON ISO8434-1 N L28		
2	1	146335	BLINDPLUG Ø28 STO28		
3	1	S090106	CON ISO 8431-1 PL S 25		
4	1	29002927	FTG ELB L28XD24 ISO 8434/1		
5	1	29023130	HYDR HOSE RTM DIST MF TANKLINE		
6	1	131296	CLAMP ISO6162-2 FCS 1X19 ASM		
7	1	131269	CLAMP ISO6162-1 FCS 1X25 ASM		
8	1	29023119	HYDR HOSE RTM DM PRESSURE LINE		
NS	1	29020646	CON ISO8434-1 PL L6		
NS	1	29050207	CON ISO8434-1 SDS L6xG1/4E		

2.61 HUB HOSES BLADE C, 29081906



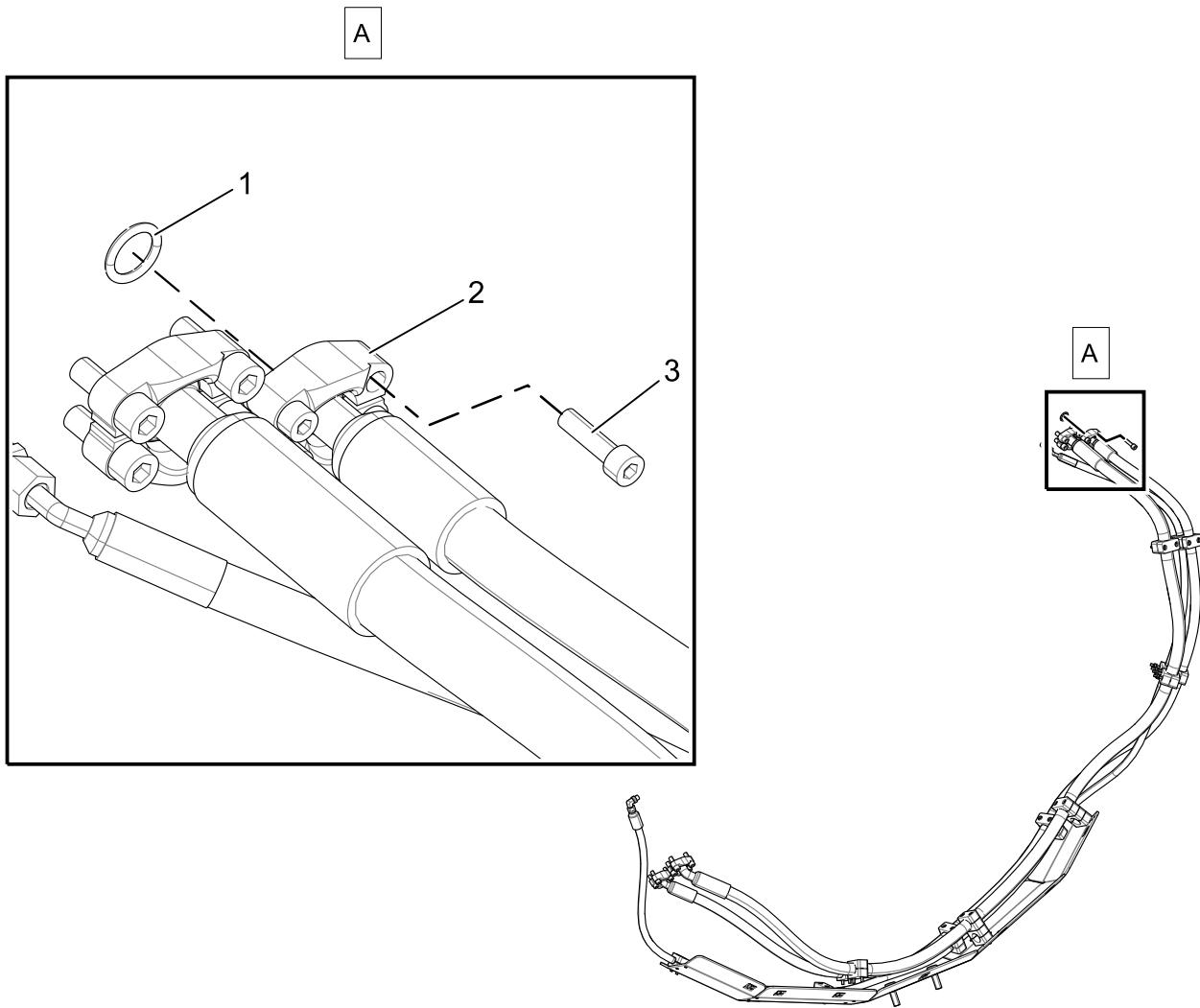
IPV06840

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	29001190	HYDR FTG ADJ LN SDE-L10XG1/4		
2	1	29081909	HYDR HOSE DM PM C PILOT		
3	2	158044	NUT HEX LOCK ISO 7040 M6 A4-70		
4	1	76401945	FIXATING BRACKET FOR HOSES		
5	6	108888	HOLDER FOR PIPE CB4 + BG Ø18		
6	8	151467	SCREW SKT M6x40 A4-70		
7	8	151468	SCREW SKT ISO 4762 M6x45 A4-70		
8	2	151263	SCREW ISO4762 M6x90 8.8 A2F		
9	6	151204	SCREW SKT ISO 4762 M6x75 A4-70		
10	1	29081908	HYDR HOSE DM PM C TK		
11	2	131268	CLAMP ISO6162-1 FCS 1X19 ASM		
12	2	131295	CLAMP ISO6162-2 FCS 1X13 ASM		
13	1	132125	HYDR FTG ISO8434-1SDS-L10xG1/4		
14	1	29081907	HYDR HOSE DM PM C PR		

RESTRICTED

Pos	Qty	Material No.	Description	Codes	Remarks
15	6	108939X	PIPE CLAMP SET DIN3015-1 ø23		
16	1	761273	FIXATING BRACKET FOR HOSES		
17	1	29013216	HUB HOSE CARRIER		
18	2	157016	WASHER ISO 7416 M16 HV 300 tZn		
19	2	150156	WASHER ISO 7089 M16 HV 200 tZn		
20	2	151284	HEX.SOC.H.SCR M16x50 8.8 tZn		
21	2	150925	SCREW SKT ISO 4762 M6x16 A4-70		
22	28	155817	WASHER ISO 7092 M6 HV 140 A2F		
23	1	29025597	BRACKET FOR HOSE CARRIER		
24	4	115544	ANCHOR FOR CABLE TIE STRIP		
25	4	151466	SCREW SKT ISO 4762 M6x12 A4-70		
26	1	29081911	HYDR HOSE DM PM C1 TK		
27	6	108918X	HOLDER SET F PIPE ø28 5.28 C5		
28	2	151054	SCREW SKT ISO 4762 M6x80 A4 70		
29	1	29081910	HYDR HOSE DM PM C1 PR		

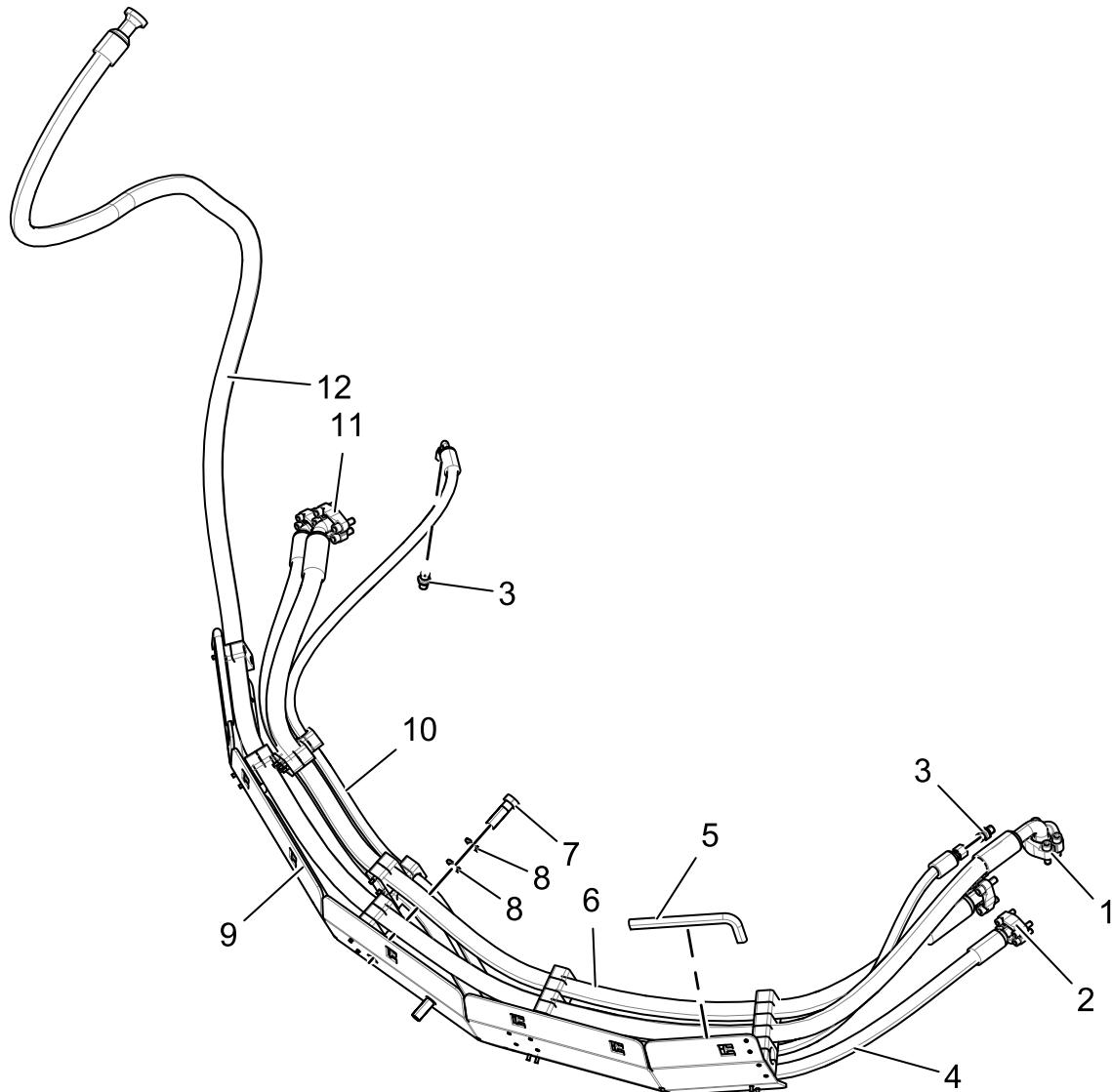
2.62 HYDR FTG ISO6162-2 FCS1X13, 131295



IPV03366

Pos	Qty	Material No.	Description	Codes	Remarks
1	2	108171	O-RING Ø18.64x3.53 NBR SH90		
2	4	29034829	CLAMP ISO6162-2 FCS 1x13		
3	8	29017935	SCREW ISO4762 M8x30 flZnLnc		

2.63 HOSES HYD HUB BLADE A, 29123479



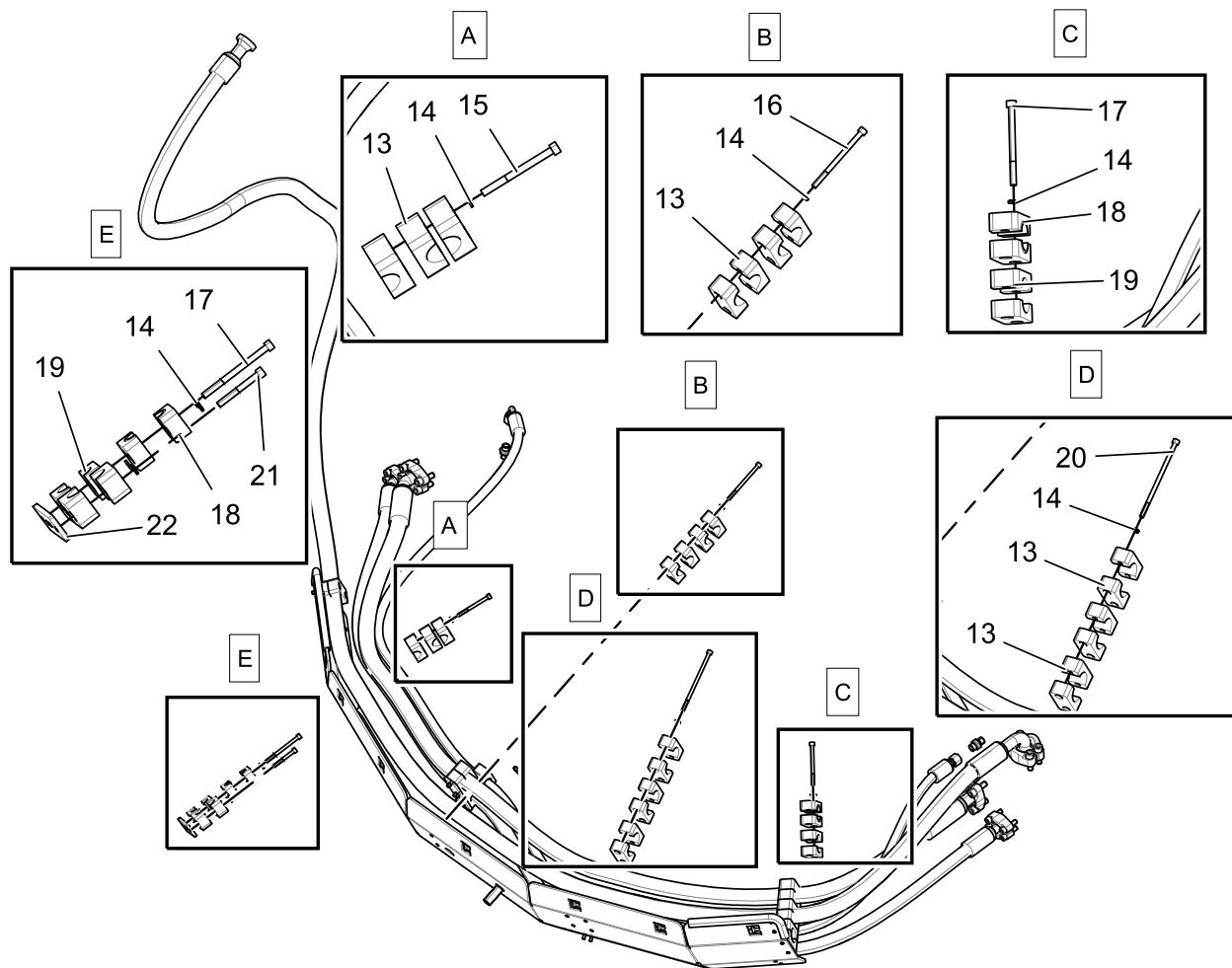
IPV08663 Sheet 1

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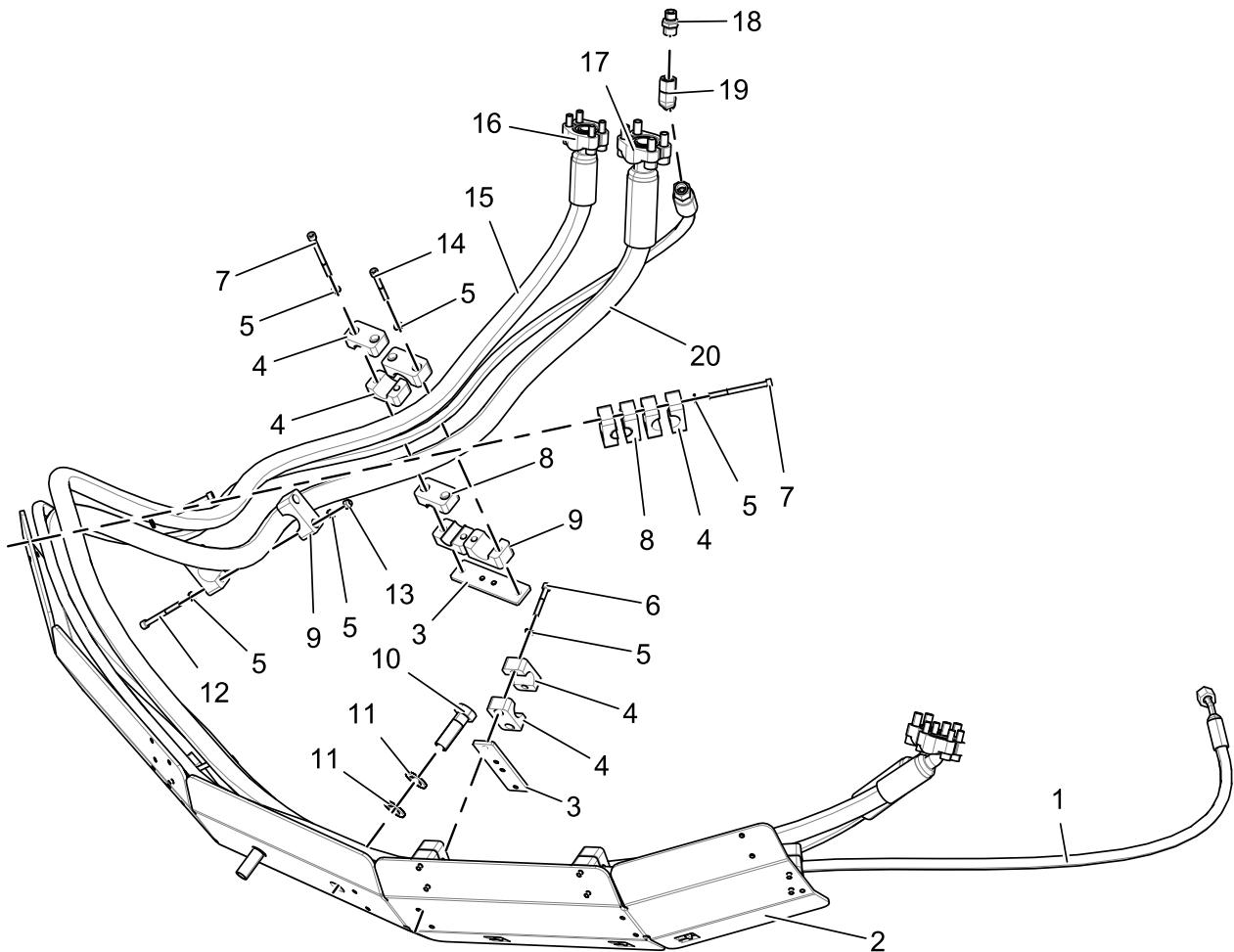
IPV08663 Sheet 2

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Pos	Qty	Material No.	Description	Codes	Remarks
1	1	131296	CLAMP ISO6162-2 FCS 1x19 ASM		
2	2	131295	CLAMP ISO6162-2 FCS 1X13 ASM		
3	2	132125	CON ISO8434-1 SDS L10XG1/4E		
4	1	29081914	HYDR HOSE DM PM A PR		
5	2	117069	EDGE 8MM RUBBER PROTECTION		Meter
6	1	29081915	HYDR HOSE DM PM A TK		
7	2	151284	HEX.SOC.H.SCR M16x50 8.8 tZn		
8	4	150156	WASHER ISO 7089 M16 HV 200 tZn		
9	1	29013216	HUB HOSE CARRIER		
10	1	29081913	HYDR HOSE DM PM A PILOT		
11	2	131268	CLAMP ISO6162-1 FCS 1X19 ASM		
12	1	29123529	HOSE HYD DM ACCU PR		
13	13	108918x	HOLDER SET F PIPE Ø28 5.28 C5		
14	22	155817	WASHER ISO 7092 M6 HV 140 A2F		
15	2	151047	SCREW SKT ISO 4762 M6x70 A4-70		
16	2	151264	SCREW SKT ISO 4762 M6x90 A4-70		
17	8	151054	SCREW SKT ISO 4762 M6x80 A4 70		
18	4	108888	HOLDER FOR PIPE CB4 + BG Ø18		
19	4	108939x	PIPE CLAMP SET DIN3015-1 Ø23		
20	4	100517	SCREW SKT ISO 4762 M6x130 8.8 FZB		
21	6	151471	SCREW SKT ISO 4762 M6x50 A4-70		
22	2	761273	FIXATING BRACKET FOR HOSES		

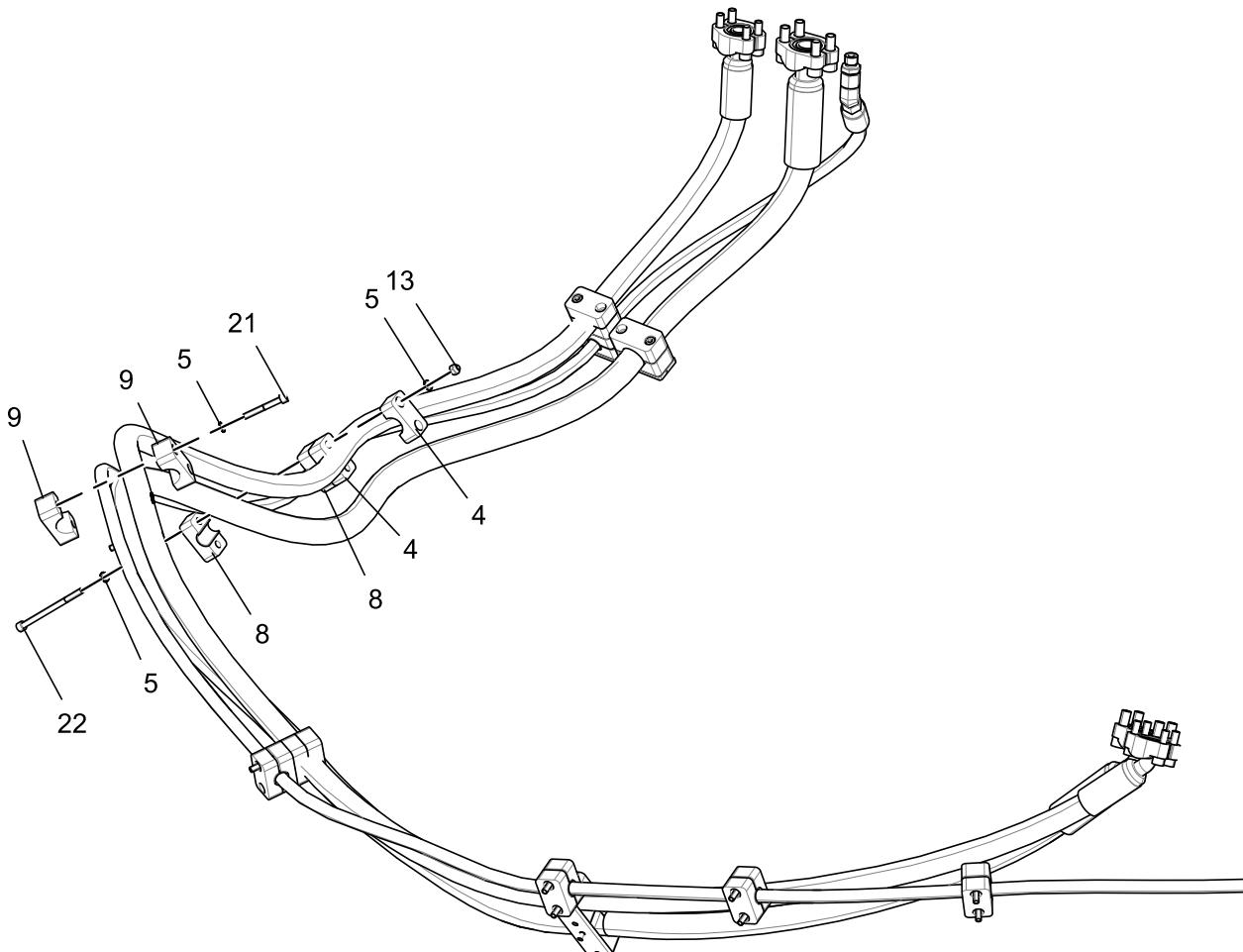


2.64 HUB HYD HOSES BLADE B, 29123527



IPV08664 Sheet 1

RESTRICTED



IPV08664 Sheet 1

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	29123620	HOSE HYD DM BL A		
2	1	29013216	HUB HOSE CARRIER		
3	2	761273	FIXATING BRACKET FOR HOSES		
4	5	108939x	PIPE CLAMP SET DIN3015-1 ø23		
5	30	155817	WASHER ISO 7092 M6 HV 140 A2F		
6	8	151467	SCREW SKT M6x40 A4-70		
7	6	151204	SCREW SKT ISO 4762 M6x75 A4-70		
8	7	108938x	HOLDER SET FOR PIPE CB4+BG ø15		
9	6	108918x	HOLDER SET F PIPE ø28 5.28 C5		
10	2	151284	HEX.SOC.H.SCR M16x50 8.8 tZn		
11	4	150156	WASHER ISO 7089 M16 HV 200 tZn		
12	2	151472	SCREW SKT ISO 4762 M6x60 A4-70		
13	4	158044	NUT HEX LOCK ISO 7040 M6 A4-70		
14	4	151471	SCREW SKT ISO 4762 M6x50 A4-70		
15	1	29081900	HYDR HOSE DM PM B PR		

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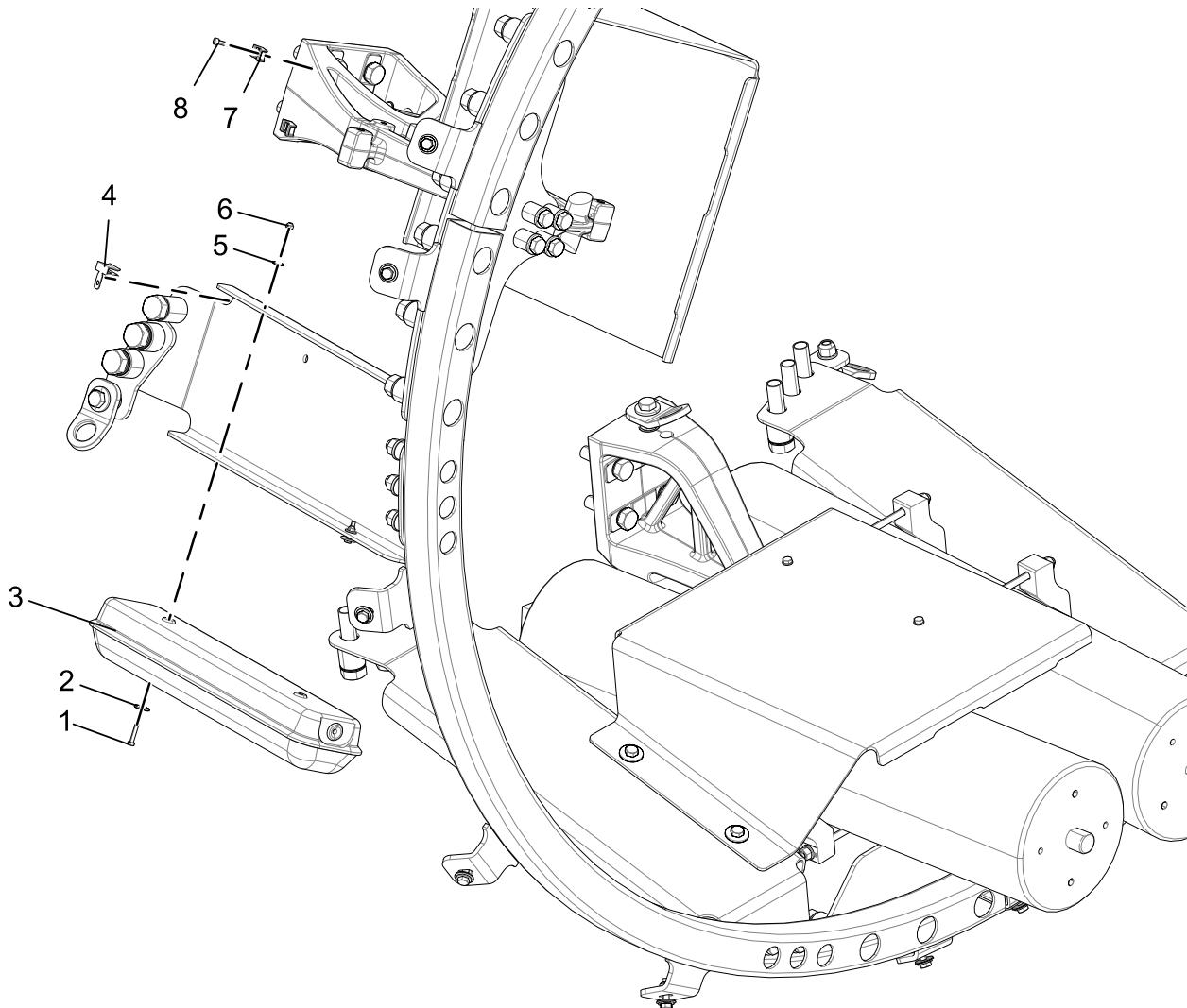
Pos	Qty	Material No.	Description	Codes	Remarks
16	2	131295	CLAMP ISO6162-2 FCS 1X13 ASM		
17	2	131268	CLAMP ISO6162-1 FCS 1X19 ASM		
18	1	132152	CON ISO8434-1 SDS S8XG1/4E		
19	1	29109078	HYDR FTG ISO8434-1 SWOE 45 S8		
20	1	29081901	HYDR HOSE DM PM B TK		
21	2	151468	SCREW SKT ISO 4762 M6x45 A4-70		
22	4	151264	SCREW SKT ISO 4762 M6x90 A4-70		

2.65 CONSUMER GOODS Mk10 HUB, 29025446

No IPV

Pos	Qty	Material No.	Description	Codes	Remarks
NS	264	115517	CABLE TIE 292x4.8mm PLT3S-C0		

3 SPINNER STRUC ASSY ASME 25.26L, 29120583

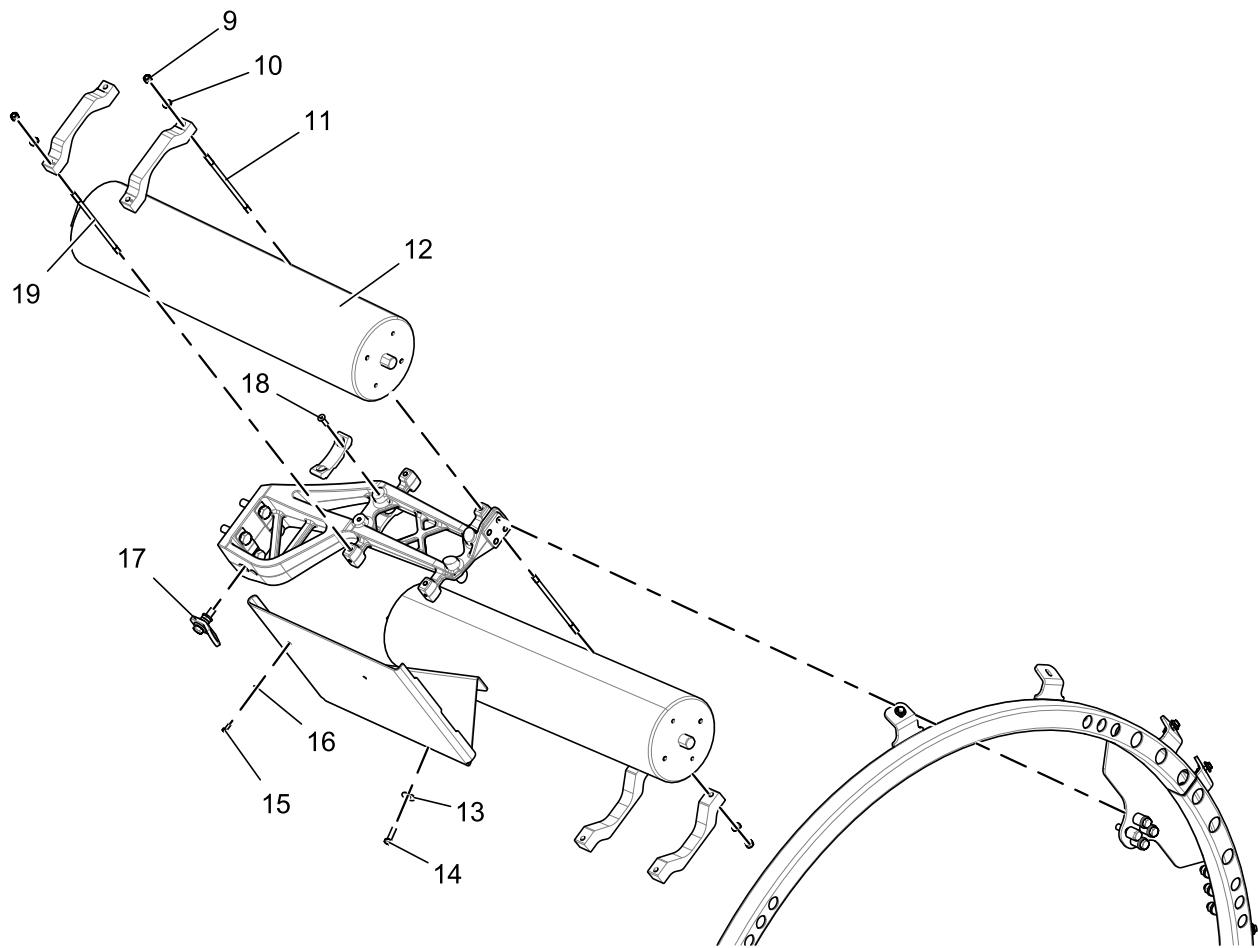


IPV08666 Sheet 1

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Document number: 0083-9277. Version: 00. Class: Restricted. Type: T09. Date: 2019-05-28

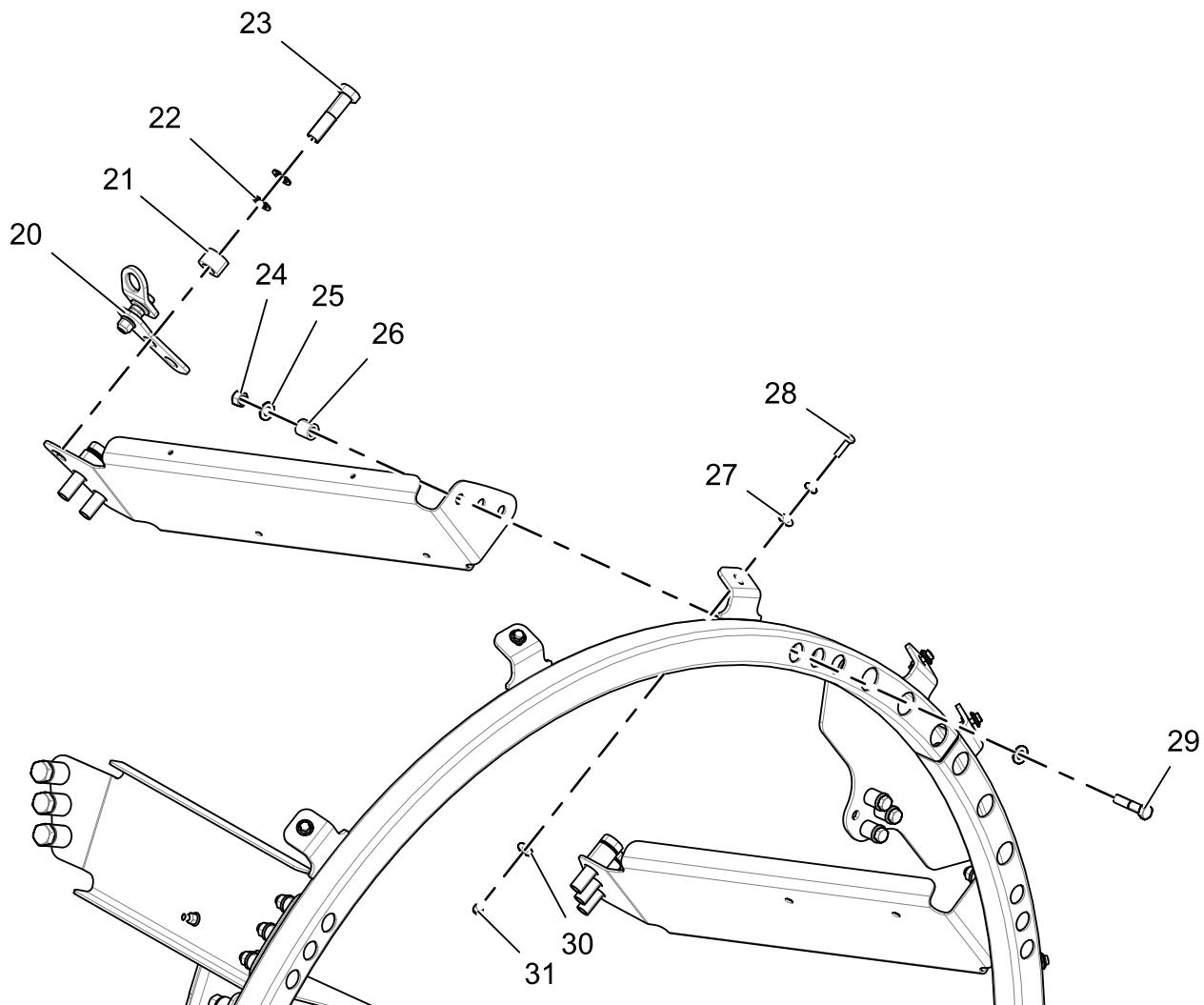
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IPV08666 Sheet 3

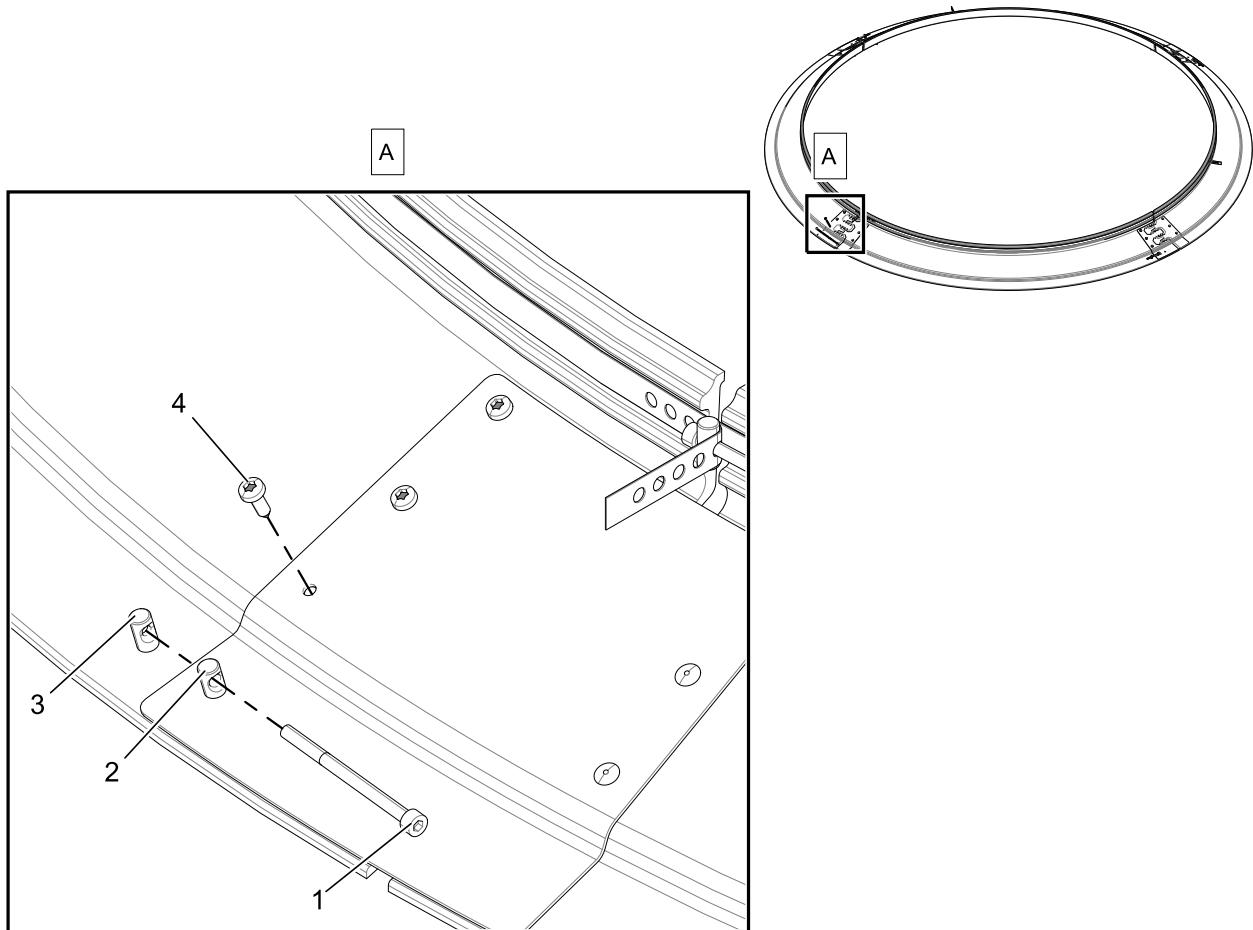
Pos	Qty	Material No.	Description	Codes	Remarks
1	2	155401	SCREW HEX ISO 4017 M6x30 A4-70		
2	2	158394	WASHER ISO 7093 M8 A4-70		
3	1	195400	LUMINARY 2X18W W EMERG LIGHT		
4	1	29032552	CABLE HOLD CLIP TYPE 3-8MM		
5	2	155900	WASHER ISO 7093 M6 A4-70		
6	2	158044	NUT HEX LOCK M6 A4-70		
7	2	115544	ANCHOR FOR CABLE TIE STRIP		
8	2	151466	SCREW SKT ISO 4762 M6X12 A4-70		
9	16	157352	NUT HEX M12 8 TZN		
10	16	155759	WASHER ISO 7089 M12 HV 200 TZN		
11	8	29059842	STUD M12X285-8.8 TZN		
12	4	29120286	ACCUMULATOR HYD 25.26L ASME		
13	4	156818	WASHER ISO 7093 M12 A4-70		

The Vestas logo, featuring the word "Vestas" in a bold, blue, sans-serif font with a registered trademark symbol.

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Pos	Qty	Material No.	Description	Codes	Remarks
14	4	153294	SCREW HEX M12x40 A4-70		
15	4	155372	SCREW HEX ISO 4017 M8x20 A4-70		
16	4	156280	WASHER ISO 7089 M8 A4-70		
17	3	10204652	ANCHORAGE ASSEMBLY		
18	8	150950	SCREW SKT FH M10x35 A4-70		
19	8	29120582	STUD M12X300 8.8 TZN		
20	3	29100724	ANCHORAGE SUB ASSEMBLY		
21	3	10213106	DISTANCE BUSHING		
22	6	134009	WEDGE LOCK WASHER M24FLZNC-600		
23	3	152994	BOLT HEX M24x100 8.8U tZn		
24	18	157997	NUT HEX M16 10 tZn		
25	36	157016	WASHER ISO 7416 M16 HV 300 TZN		
26	18	29081837	BUSHING Ø30XØ18X30		
27	15	155369	SEALING DISC M10		
28	15	155428	SCR HEX ISO 4017 M10x40 A4-70		
29	18	155145	BOLT HEX M16x70 10.9U tZn		
30	15	158395	WASHER ISO 7093 M10 A4-70		
31	15	157715	NUT HEX LOCK M10 A4-70		

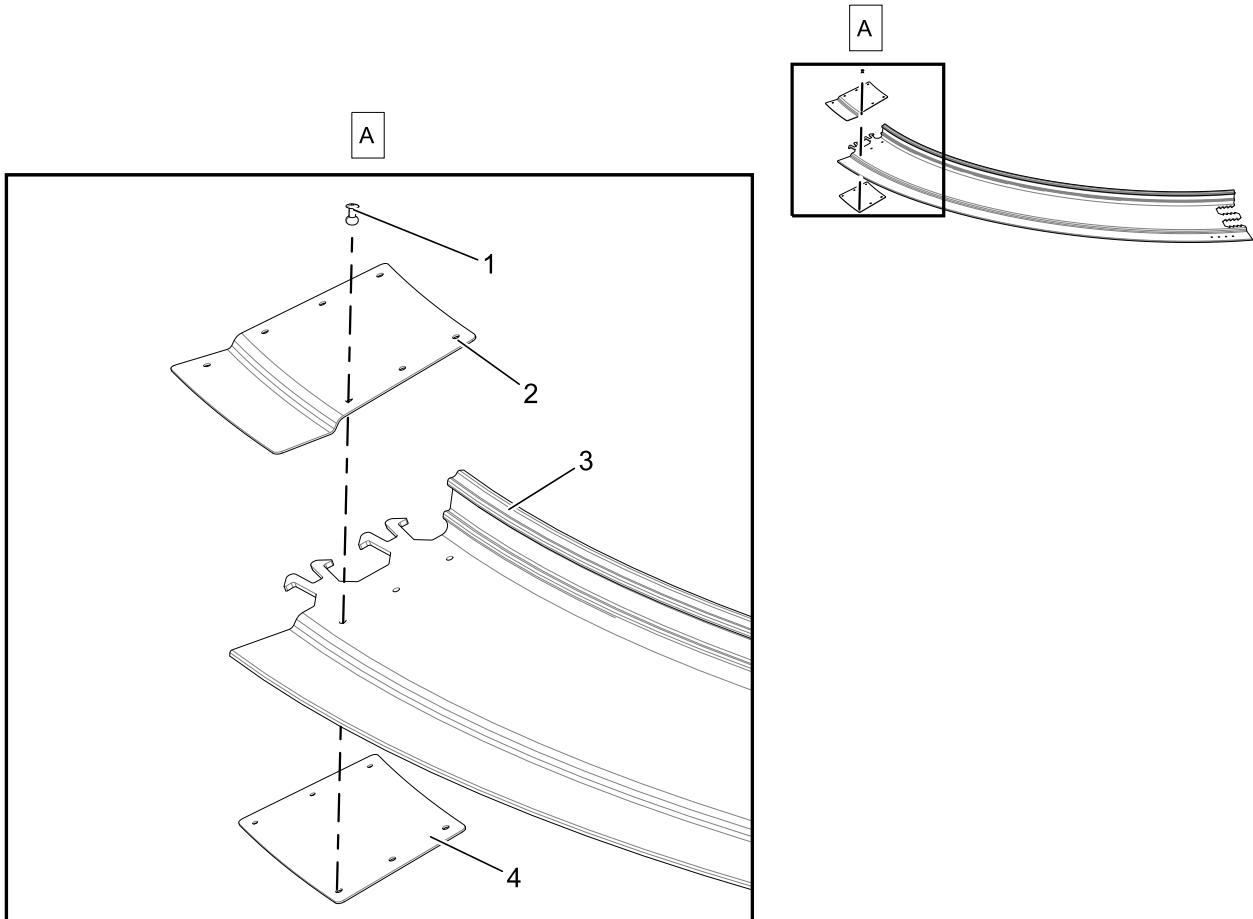
4 SITE PART BLADE R. COVER, 29110316



IPV08574

Pos	Qty	Material No.	Description	Codes	Remarks
1	4	150987	SCREW SKT M5x70 A4-70		EA
2	4	761453	TIGHTEN ROLL		EA
3	4	761454	TIGHTEN ROLL TREAD		EA
4	12	158722	SCR.PH.TAP.C T25 4,8,X16 A4-70		EA

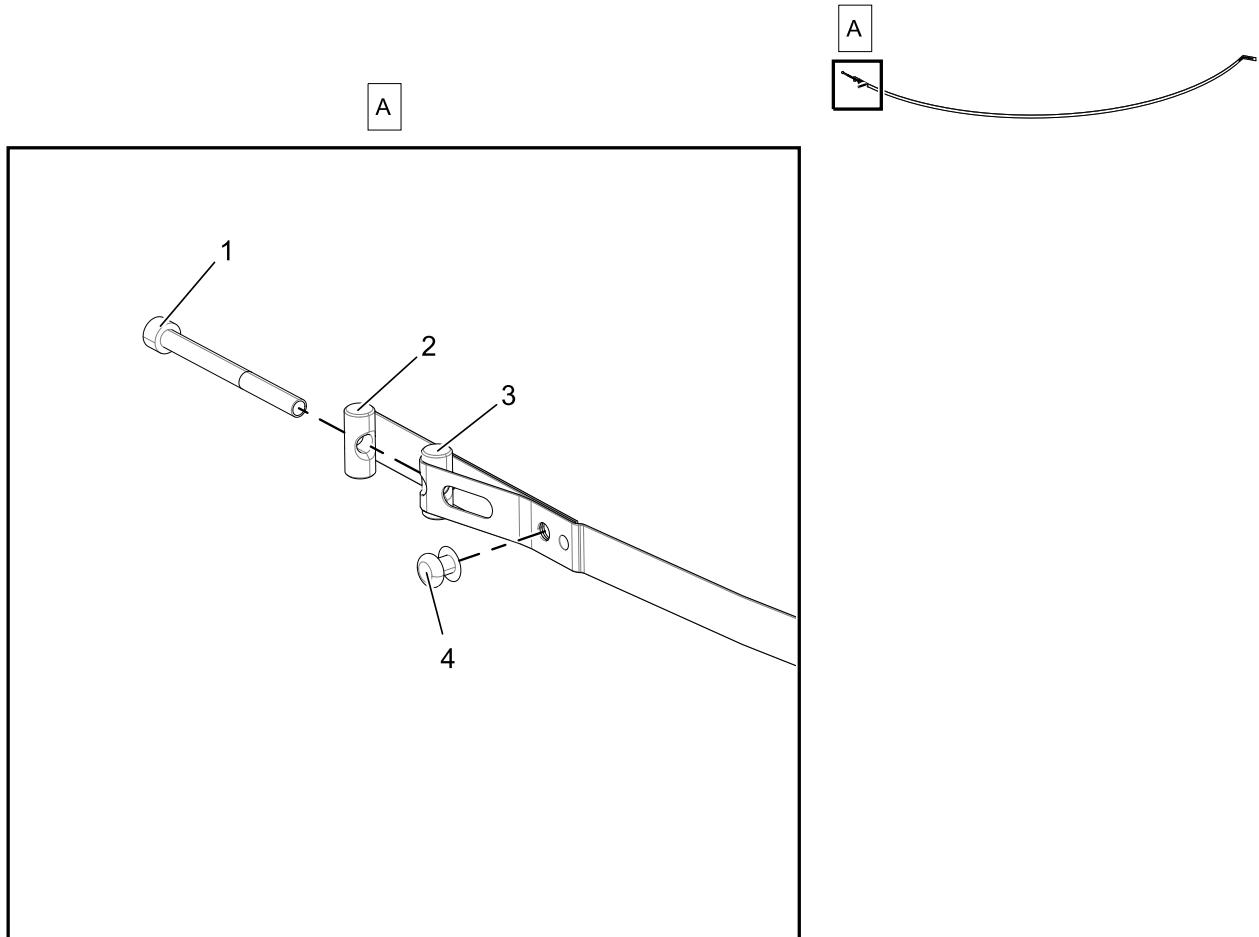
4.1 BLADE R COVER R7035 V116/V120, 29113082



IPV08575

Pos	Qty	Material No.	Description	Codes	Remarks
1	3	29120740	BLIND RIVET ø4.8x14 - A4/A4		
2	1	29111234	TOP LOCK PLATE V116/V120		
3	1	29110329	PROF F BLADE R COVER V116/V120		
4	1	29111235	BOTTOM LOCK PLATE V116/V120		

4.2 CLIP F BLADE R COVER V116/V120, 29120944



IPV08576

Pos	Qty	Material No.	Description	Codes	Remarks
1	1	150986	SCREW SKT M5x55 A4-70		
2	1	761429	BUSHING WITHOUT TREAD		
3	1	29120945	BUSHING STEEL WITH M5 THREAD		
4	1	159684	RIVIT BL DIN7337A ø4.8x8 A4/A4		