



Illustrated Parts Manual Manuel de pièces détachées

***MODEL / MODELE
TOUCAN 1210***



CE

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COVERS INSTALL /
INSTALLATION CAPOTS**

SECTION 1 COVERS INSTALL / INSTALLATION CAPOTS

FIGURE 1-1. COVERS INSTALL / INSTALLATION CAPOTS

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			COVERS INSTALL	INSTALLATION CAPOTS		SP1219
1	000003	3	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
2	000015	2	M06x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x16 8.8 BI FT		
3	100016	4	M12x40 8.8 HEX HEAD MACHINE SCREW	VIS H M12x40 8.8 BI FT		
4	110002	6	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
5	110003	2	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
6	110026	4	M06 CAGE HEX NUT	ECROU CAGE M06		
7	120002	3	M05 WASHER	RONDELLE M05 BI		
8	120004	2	dD 06x25 WASHER	RONDELLE dD 06x25x1.2 BI		
9	120015	4	dD 12x27 LOCK WASHER	RONDELLE CONTACT dD 12x27 BI		
10	130021	6	M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		
11	130047	12	M5x16 8.8 COUNTERSUNK HEAD M SCR	VIS FHC M05x16 8.8 BI FT		
12	180003	1	Ø5x10 POP RIVET	RIVET POP Ø5x10		
13	180009	10	Ø5x16 LARGE HEAD POP RIVET	RIVET POP TETE LARGE Ø5x16		
14	180011	28	Ø4x14 EXPENDABLE POP RIVET	RIVET POP ECLATE Ø4x14		
15	180012	3	Ø4.8x14.5 EXPENDABLE POP RIVET	RIVET POP ECLATE Ø4.8x14.5		
16	190018	10	C 7-10 RUBBER LATCH	GRENOUILLERE C 7-10		
17	190019	4	C 7-10 LATCH LOCKING TAB	RECEPTACLE C 7-10		
18	190027	2	Ø22 CLIP	CLIP Ø22		
19	190032	3	FEMALE HINGE	PAUMELLE FEMELLE		
20	190033	3	MALE HINGE	PAUMELLE MALE		
21	190034	3	FEMALE HINGE	PAUMELLE FEMELLE		
22	190035	3	MALE HINGE	PAUMELLE MALE		
23	190037	1	ROTARY LATCH	LOQUET		
24	190053	1	C 7-20 RUBBER LATCH	GRENOUILLERE C 7-20		
25	190072	1	COMPRESSION LATCH	LOQUET A COMPRESSION		
26	310078	1	HAND PUMP HANDLE	MANCHE DE POMPE A MAIN		
27	400034	1	COLLAR	COLLIER		
28	400057	2	CAP	EMBOUT NOIR		
29	ST2383	1	FRONT PLATE	CARTER AVANT		
30	ST2393	1	HINGE SUPPORT PLATE	TOLE SUPPORT CHARNIERE		
31	ST2396	2	HINGE SUPPORT CROSSBAR	ENTRETOISE SUPPORT CHARNIERE		
32	ST2424	3	MAST TOP COVER	COUVRE MAT		
33	ST2425	1	MAST TOP COVER	COUVRE MAT		
34	ST2426	1	MAST TOP COVER	COUVRE MAT		
35	ST2490	1	LEFT SIDE LOWER COVER	COQUE BASSE GAUCHE		
36	ST2491	1	RIGHT SIDE LOWER COVER	COQUE BASSE DROITE		
37	ST2492	1	TOP COVER	CAPOT HAUT		
38	ST2493	1	LEFT SIDE COVER	CAPOT LATERAL GAUCHE		
39	ST2494	1	RIGHT SIDE COVER	CAPOT LATERAL DROIT		
40	ST2495	1	HATCH	TRAPPE		

SECTION 1 COVERS INSTALL / INSTALLATION CAPOTS

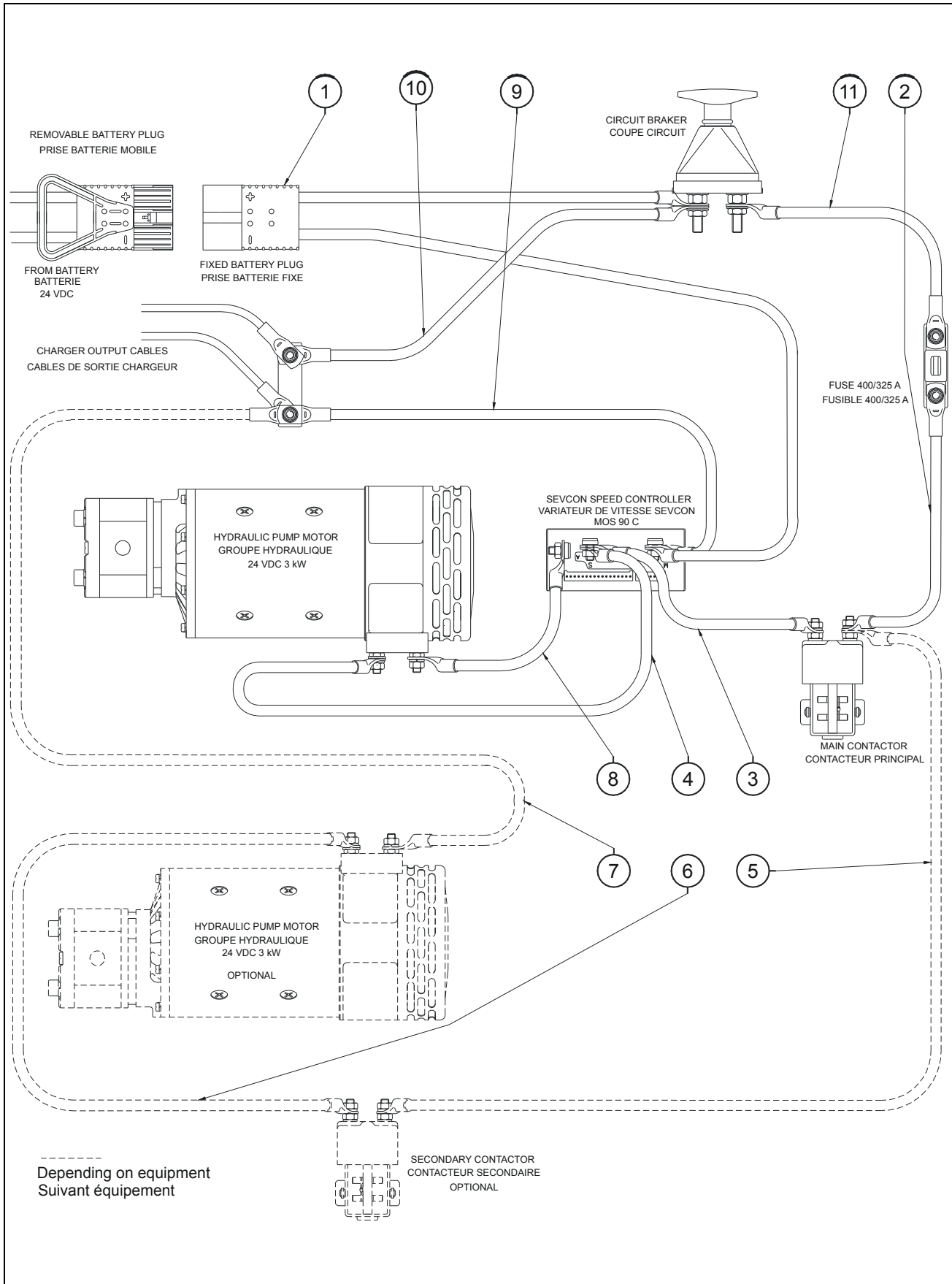
FIGURE 1-1. COVERS INSTALL / INSTALLATION CAPOTS (CONTINUED)

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
41	ST2527	1	FLASHING LIGHT PLATE	BRIDE FEU CLIGNOTANT		SECTION 2
42		2	HARNESS ASSEMBLY-FLASHING LIGHTS	FAISCEAU FEUX A ECLATS		
43	ST2473	1	PLATE,CAP PROTECTION	PLAQUE BOUCHON		

SECTION 2
ELECTRICAL INSTALL /
INSTALLATION ELECTRIQUE

SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-1. S/N PRIOR/AVANT #374 POWER CIRCUIT / CIRCUIT DE PUISSANCE



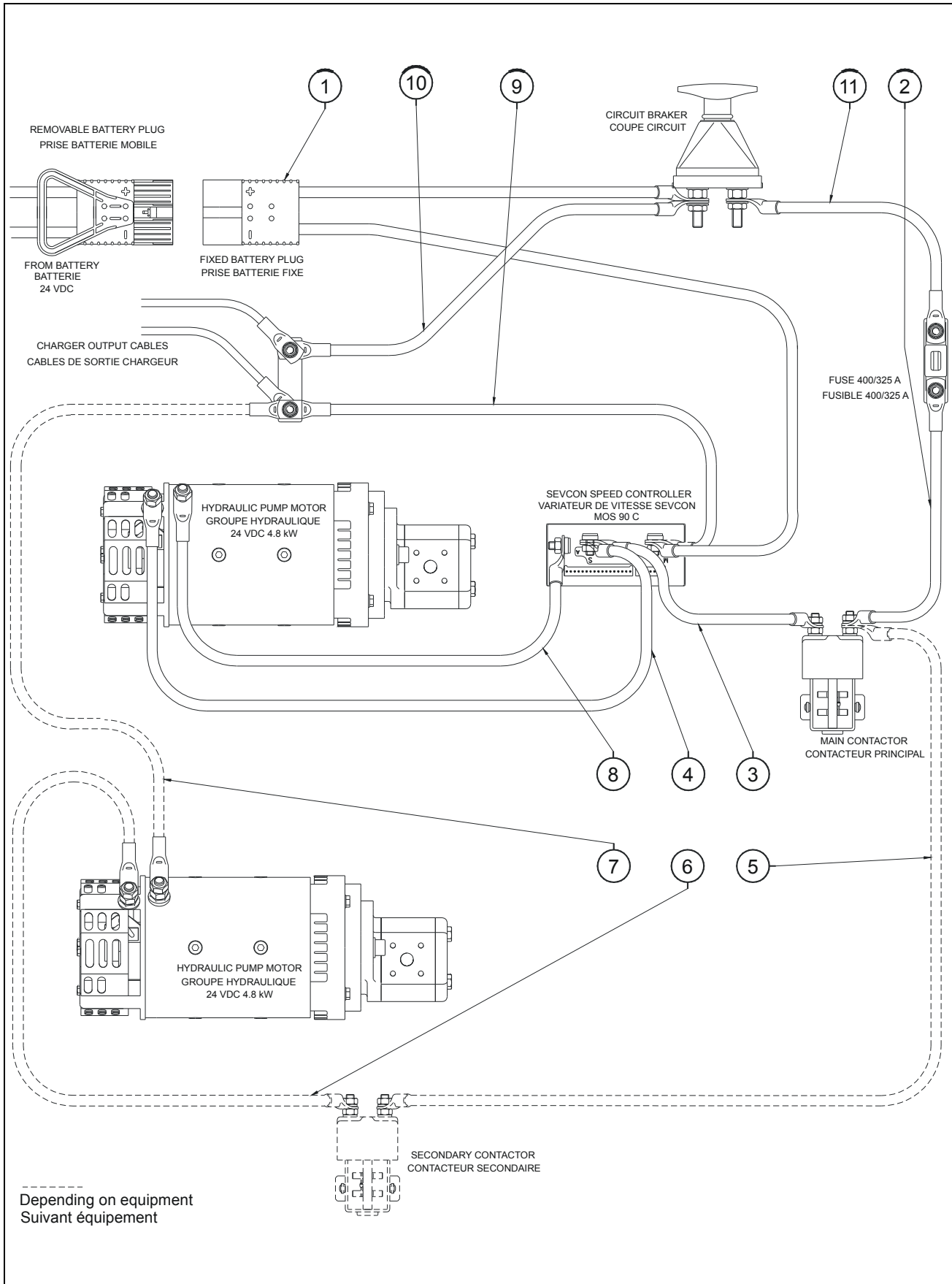
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-1. S/N PRIOR/AVANT #374 POWER CIRCUIT / CIRCUIT DE PUISSANCE

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			S/N PRIOR #374 POWER CIRCUIT	CIRCUIT DE PUISSANCE AVANT N°374	A	PC0231
1	PC0223	1	HARNESS ASSEMBLY-POWER SUPPLY	FAISCEAU ALIMENTATION		
2	PC0224	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
3	PC0225	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
4	PC0226	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
5	PC0227	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
6	PC0228	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
7	PC0229	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
8	PC0230	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
9	PC0232	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
10	PC0233	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
11	PC0255	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		

SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-2. S/N SINCE/DEPUIS #374 POWER CIRCUIT / CIRCUIT DE PUISSANCE



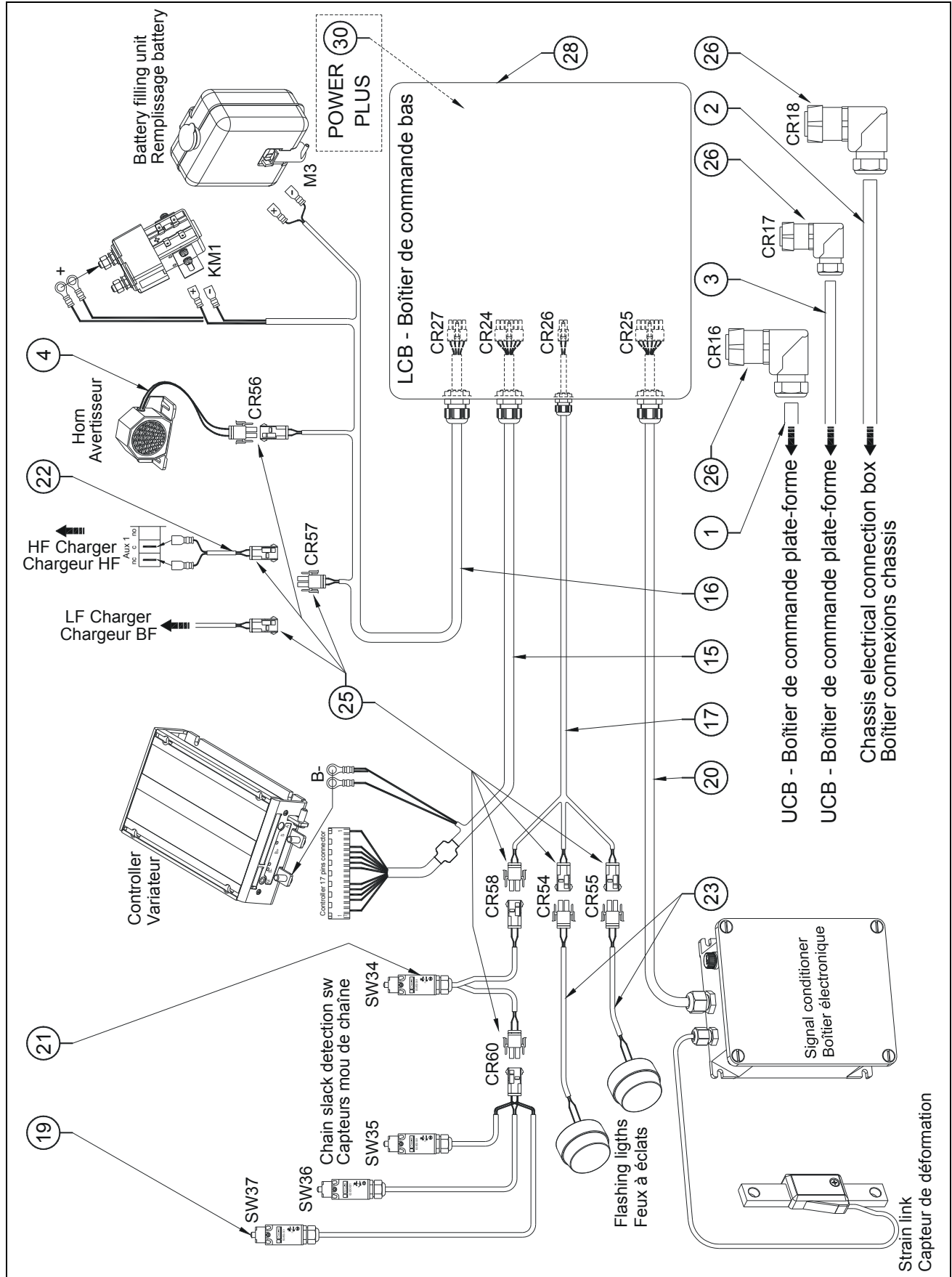
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-2. S/N SINCE/DEPUIS #374 POWER CIRCUIT / CIRCUIT DE PUISSANCE

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			S/N SINCE #374 POWER CIRCUIT	CIRCUIT DE PUISSANCE AVANT N° #374	A	PC0338
1	PC0223	1	HARNESS ASSEMBLY-POWER SUPPLY	FAISCEAU ALIMENTATION		
2	PC0224	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
3	PC0225	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
4	PC0340	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
5	PC0227	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
6	PC0342	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
7	PC0341	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
8	PC0339	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
9	PC0232	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
10	PC0233	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		
11	PC0255	1	CABLE ASSEMBLY	CABLE ELECTRIQUE		

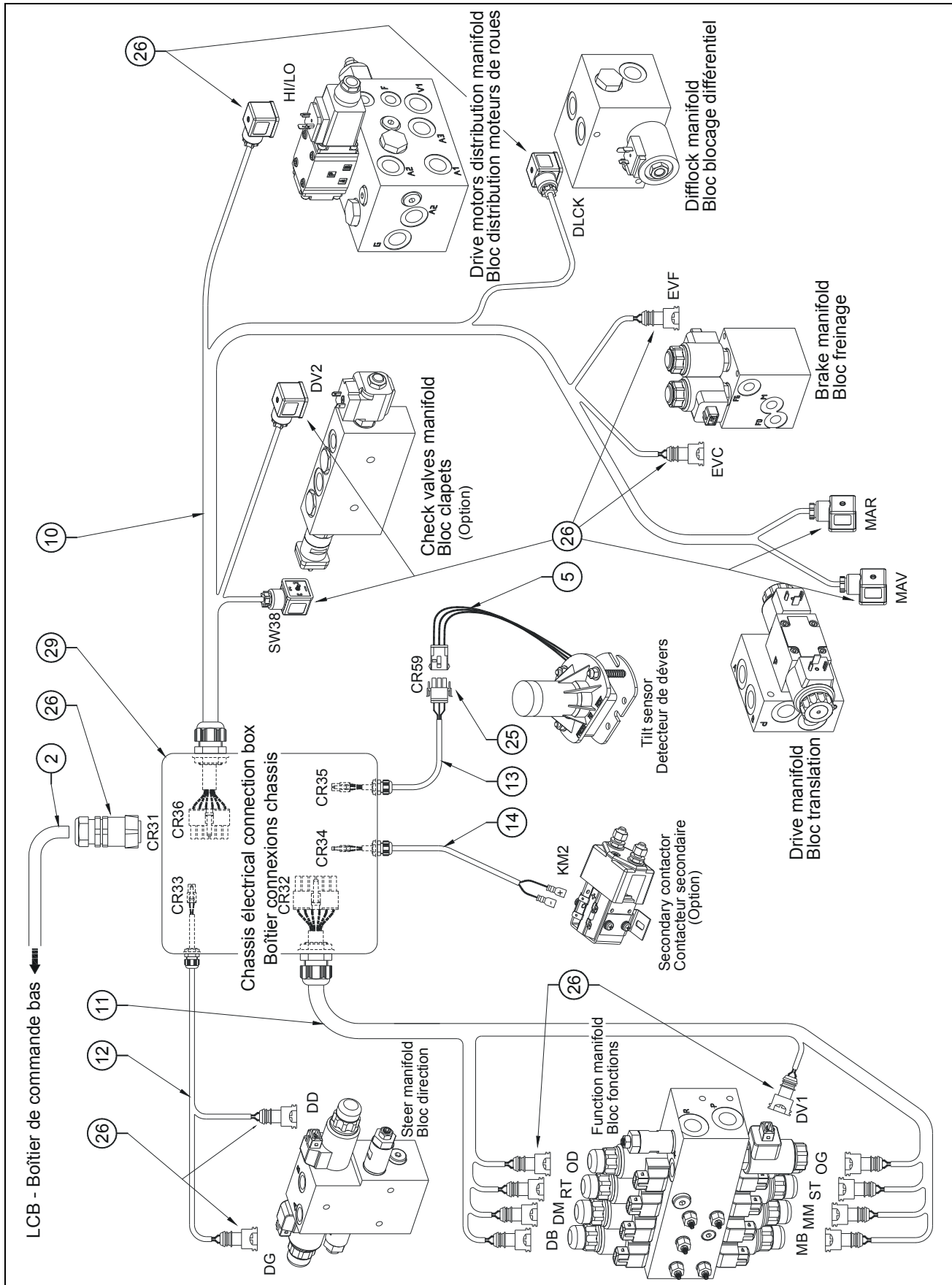
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-3. S/N PRIOR/AVANT #482 CONTROL CIRCUIT / CIRCUIT DE COMMANDE



SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-3. S/N PRIOR/AVANT #482 CONTROL CIRCUIT / CIRCUIT DE COMMANDE



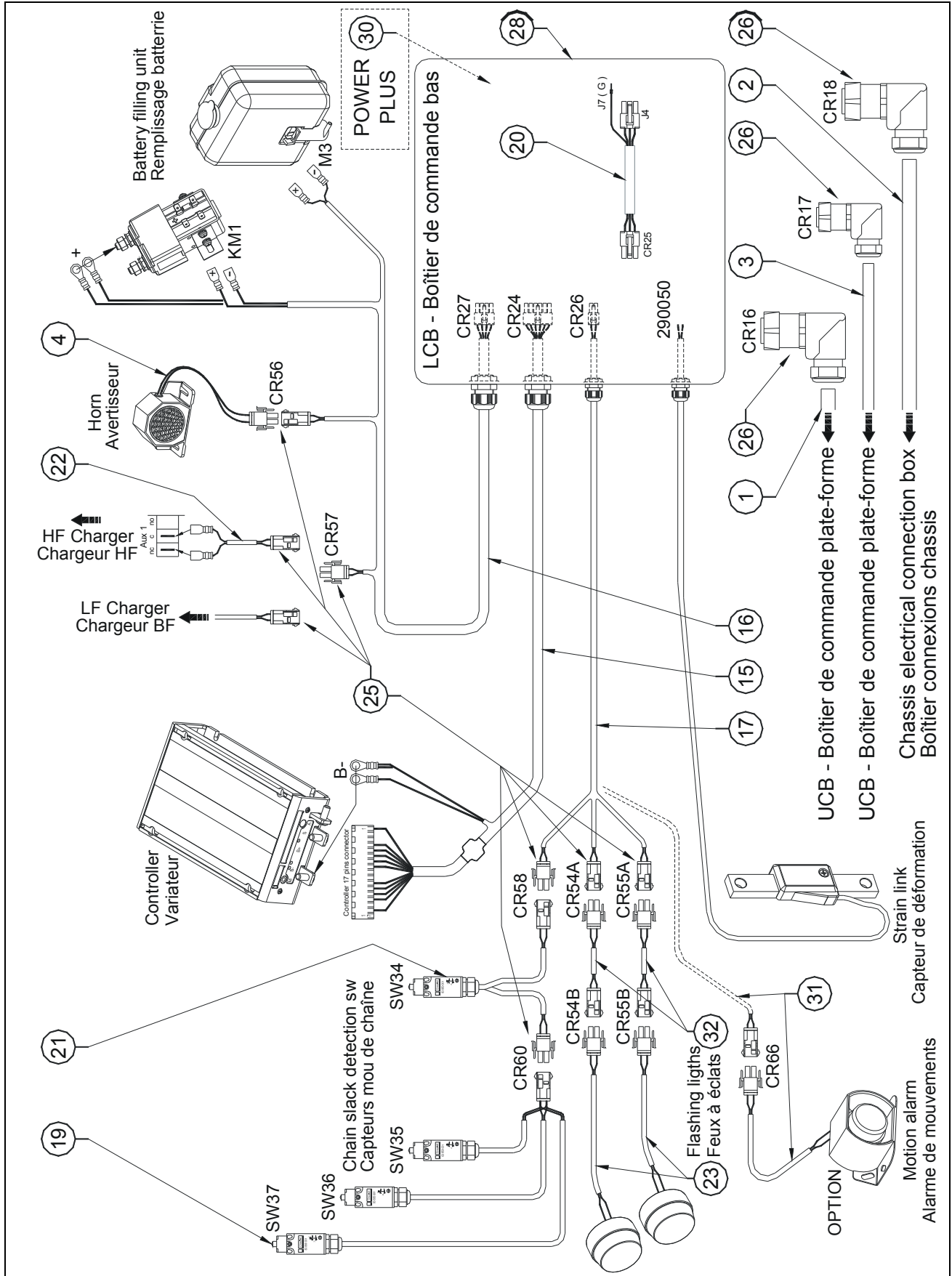
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-3. S/N PRIOR/AVANT #482 CONTROL CIRCUIT / CIRCUIT DE COMMANDE

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			S/N PRIOR #482 CONTROL CIRCUIT	CIRCUIT DE COMMANDE AVANT N°482	C	SP0721
1	270046	17	CABLE 27x1mm ² (quantity indicated in meter)	CABLE 27x1mm ² (qté indiquée en mètre)		
2	270046	6	CABLE 27x1mm ² (quantity indicated in meter)	CABLE 27x1mm ² (qté indiquée en mètre)		
3	270055	17	CABLE 18x1mm ² (qty indicated in meter)	CABLE 18x1mm ² (qté indiquée en mètre)		
4	PC0201	1	HARNESS ASSEMBLY-HORN	CABLAGE AVERTISSEUR SONORE		
5	PC0203	1	HARNESS ASSEMBLY-TILT SENSOR	CABLAGE DETECTEUR DE DEVERS		
6	PC0237	1	HARNESS ASSY-JIB / MAST LIMIT SWITCH	FAISCEAU CAPTEURS DE MAT / BRAS		
7	PC0238	1	HARNESS ASSEMBLY-JIB LIMIT SWITCH	FAISCEAU CAPTEUR DE BRAS		
8	PC0239	1	HARNESS ASSY-PLATFORM ROTATION	FAISCEAU ROTATION PLATE-FORME		
9	PC0240	1	HARNESS ASSEMBLY-MAST 6	FAISCEAU MAT 6		
10	PC0241	1	HARNESS ASSEMBLY-DRIVE FUNCTIONS	FAISCEAU TRANSLATION		
11	PC0242	1	HARNESS ASSY-FUNCTION MANIFOLD	FAISCEAU BLOC FONCTIONS		
12	PC0243	1	HARNESS ASSY-STEERING MANIFOLD	FAISCEAU DIRECTION		
13	PC0244	1	HARNESS ASSEMBLY-TILT SENSOR	FAISCEAU DETECTEUR DE DEVERS		
14	PC0245	1	HARNESS ASSY-SECONDARY CONTACTOR	FAISCEAU CONTACTEUR SECONDAIRE		
15	PC0247	1	HARNESS ASSEMBLY-CONTROLLER	FAISCEAU VARIATEUR		
16	PC0248	1	HARNESS ASSEMBLY-POWER SUPPLY	FAISCEAU ALIMENTATION		
17	PC0249	1	HARNESS ASSEMBLY-CHAIN SLACK	FAISCEAU MOU DE CHAINE		
18	PC0252	1	HARNESS ASSY-TELESCOPE LIMIT SW	FAISCEAU CAPTEUR TELESCOPE		
19	PC0253	1	HARNESS ASSEMBLY-CHAIN SLACK	FAISCEAU MOU DE CHAINE		
20	PC0254	1	HARNESS ASSEMBLY-STRAIN LINK	FAISCEAU CAPTEUR DE DEFORMATION		
21	PC0256	1	HARNESS ASSEMBLY-CHAIN SLACK	FAISCEAU MOU DE CHAINE		
22	PC0257	1	HARNESS ASSEMBLY-HF CHARGER	FAISCEAU CHARGESUR HF		
23	PC0258	1	HARNESS ASSEMBLY-FLASHING LIGHTS	FAISCEAUX FEUX A ECLATS		
24	PC0259	1	HARNESS ASSEMBLY-FOOT SWITCH	FAISCEAU PEDALE		
25	RM0090	x	MATE-N-LOK CONNECTORS	CONNECTEURS MATE-N-LOK		
26	RM0091	x	CONNECTORS ON HARNESS ASSEMBLIES	CONNECTEURS SUR FAISCEAUX		
27		1	S/N PRIOR #299 UPPER CONTROL BOX ASSY	ASSEMBLAGE BOITIER HAUT AVANT N°299		SP1229
27	SE0576	1	S/N SINCE #299 UPPER CONTROL BOX ASSY	ASSEMBLAGE BOITIER HAUT DEPUIS N°299		SE0576
28		1	T1210 LOWER CONTROL BOX ASSEMBLY	ASSEMBLAGE BOITIER BAS T1210		SP1230
29	SE0547	1	S/N PRIOR #400 CHASSIS CONNECTION BOX	BOITIER CONNEXIONS CHASSIS AVANT N°400		SE0547
29	SE0630	1	S/N SINCE #400 CHASSIS CONNECTION BOX	BOITIER CONNEXIONS CHASSIS DEPUIS N°400		SE0630
30		1	POWER PLUS CONTROL COMPONENTS	COMPOSANTS COMMANDE POWER PLUS	C	SP0934

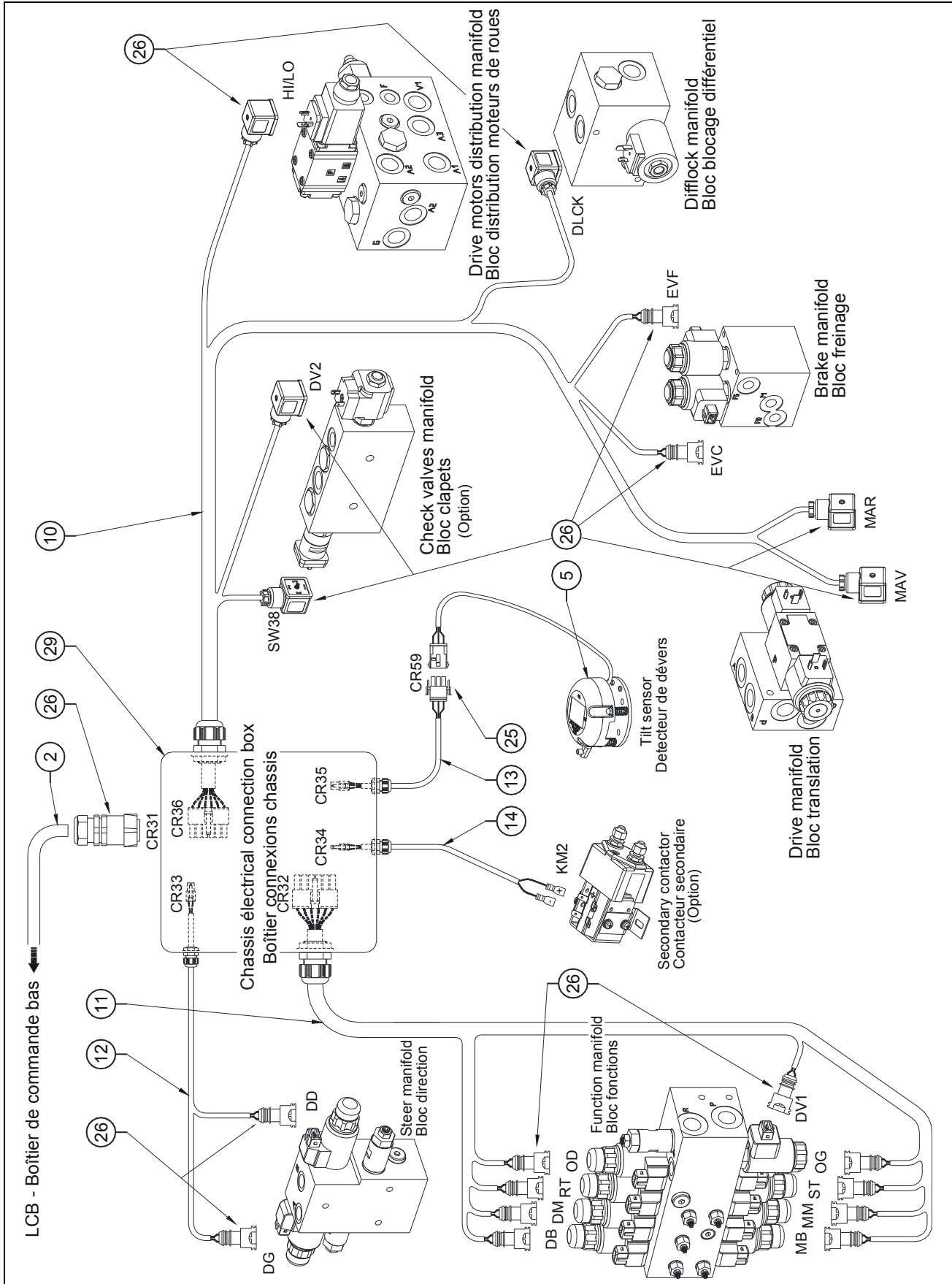
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4. S/N SINCE/DEPUIS #482 CONTROL CIRCUIT / CIRCUIT DE COMMANDE



SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4. S/N SINCE/DEPUIS #482 CONTROL CIRCUIT / CIRCUIT DE COMMANDE



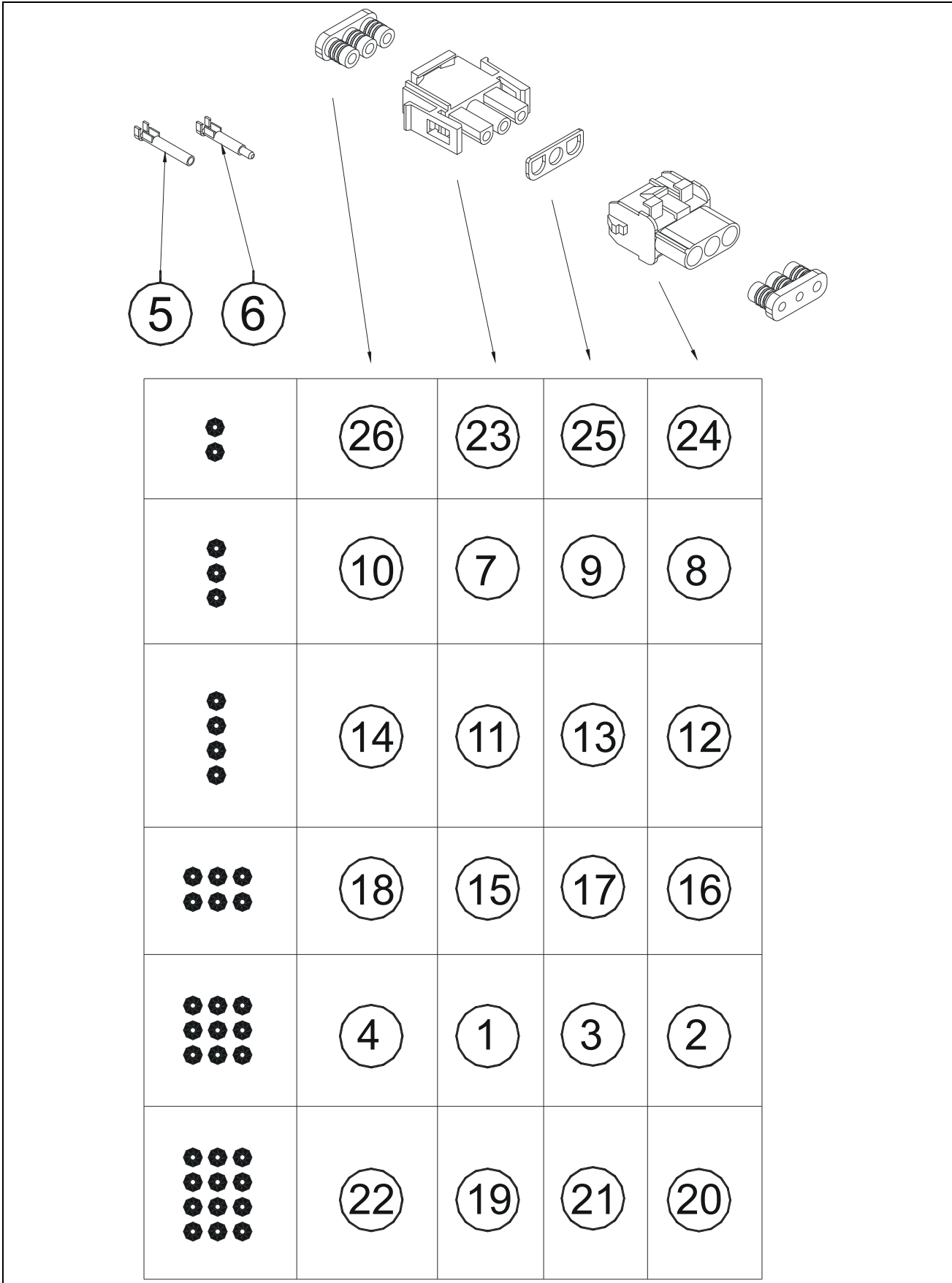
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4. S/N SINCE/DEPUIS #482 CONTROL CIRCUIT / CIRCUIT DE COMMANDE

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			S/N SINCE #482 CONTROL CIRCUIT	CIRCUIT DE COMMANDE DEPUIS N°482	D	SP0721
1	270046	17	CABLE 27x1mm ² (quantity indicated in meter)	CABLE 27x1mm ² (qté indiquée en mètre)		
2	270046	6	CABLE 27x1mm ² (quantity indicated in meter)	CABLE 27x1mm ² (qté indiquée en mètre)		
3	270055	17	CABLE 18x1mm ² (qty indicated in meter)	CABLE 18x1mm ² (qté indiquée en mètre)		
4	PC0201	1	HARNESS ASSEMBLY-HORN	CABLAGE AVERTISSEUR SONORE		
5	260319	1	TILT SENSOR	DETECTEUR DE DEVERS	D	
6	PC0237	1	HARNESS ASSY-JIB / MAST LIMIT SWITCH	FAISCEAU CAPTEURS DE MAT / BRAS		
7	PC0238	1	HARNESS ASSEMBLY-JIB LIMIT SWITCH	FAISCEAU CAPTEUR DE BRAS		
8	PC0239	1	HARNESS ASSY-PLATFORM ROTATION	FAISCEAU ROTATION PLATE-FORME		
9	PC0240	1	HARNESS ASSEMBLY-MAST 6	FAISCEAU MAT 6		
10	PC0241	1	HARNESS ASSEMBLY-DRIVE FUNCTIONS	FAISCEAU TRANSLATION		
11	PC0242	1	HARNESS ASSY-FUNCTION MANIFOLD	FAISCEAU BLOC FONCTIONS		
12	PC0243	1	HARNESS ASSY-STEERING MANIFOLD	FAISCEAU DIRECTION		
13	PC0244	1	HARNESS ASSEMBLY-TILT SENSOR	FAISCEAU DETECTEUR DE DEVERS		
14	PC0245	1	HARNESS ASSY-SECONDARY CONTACTOR	FAISCEAU CONTACTEUR SECONDAIRE		
15	PC0247	1	HARNESS ASSEMBLY-CONTROLLER	FAISCEAU VARIATEUR		
16	PC0248	1	HARNESS ASSEMBLY-POWER SUPPLY	FAISCEAU ALIMENTATION		
17	PC0249	1	HARNESS ASSEMBLY-CHAIN SLACK	FAISCEAU MOU DE CHAINE		
18	PC0252	1	HARNESS ASSY-TELESCOPE LIMIT SW	FAISCEAU CAPTEUR TELESCOPE		
19	PC0253	1	HARNESS ASSEMBLY-CHAIN SLACK	FAISCEAU MOU DE CHAINE		
20	PC0405	1	HARNESS ASSEMBLY-STRAIN LINK	FAISCEAU CAPTEUR DE DEFORMATION	A	
21	PC0256	1	HARNESS ASSEMBLY-CHAIN SLACK	FAISCEAU MOU DE CHAINE		
22	PC0257	1	HARNESS ASSEMBLY-HF CHARGER	FAISCEAU CHARGESUR HF		
23	PC0318	2	HARNESS ASSEMBLY-FLASHING LIGHTS	FAISCEAU FEUX A ECLATS	B	
24	PC0259	1	HARNESS ASSEMBLY-FOOT SWITCH	FAISCEAU PEDALE		
25	RM0090	x	MATE-N-LOK CONNECTORS	CONNECTEURS MATE-N-LOK		
26	RM0091	x	CONNECTORS ON HARNESS ASSEMBLIES	CONNECTEURS SUR FAISCEAUX		
27	SE0576	1	T1210 UPPER CONTROL BOX ASSEMBLY	ASSEMBLAGE BOITIER HAUT T1210	D	SE0576
28	SE0688	1	T1210 LOWER CONTROL BOX ASSEMBLY	ASSEMBLAGE BOITIER BAS T1210	D	SE0688
29	SE0630	1	CHASSIS ELECTRICAL CONNECTION BOX	ASSEMB. BOITIER CONNEXIONS CHASSIS	D	SE0630
30		1	POWER PLUS CONTROL COMPONENTS	COMPOSANTS COMMANDE POWER PLUS	C	SP0934
31		1	MOTION ALARM OPTION	OPTION ALARME DE MOUVEMENT	A	OPTION
32	PC0430	2	FLASHING LIGHT EXTENSION	RALLONGE FAISCEAU FEUX A ECLATS	B	

**SECTION 2 ELECTRICAL INSTALL /
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FIGURE 2-4-1. MATE-N-LOK CONNECTORS / CONNECTEURS MATE-N-LOK



SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-1. MATE-N-LOK CONNECTORS / CONNECTEURS MATE-N-LOK

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION	REV	INFORMATION
			MATE-N-LOK CONNECTORS		RM0090
1	210029		9 POSITIONS PLUG HOUSING "MNL"		
2	210030		9 POSITIONS CAP HOUSING "MNL"		
3	210031		9 POSITIONS INTERFACE SEAL		
4	210032		9 POSITIONS WIRE SEAL		
5	210033		SOCKET CONTACT "MATE-N-LOK"		
6	210034		PIN CONTACT "MATE-N-LOK"		
7	250140		3 POSITIONS "MNL" PLUG HOUSING		
8	250141		3 POSITIONS "MNL" CAP HOUSING		
9	250143		3 POSITIONS INTERFACE SEAL		
10	250144		3 POSITIONS WIRE SEAL		
11	250145		4 POSITIONS "MNL" PLUG HOUSING		
12	250146		4 POSITIONS "MNL" CAP HOUSING		
13	250148		4 POSITIONS INTERFACE SEAL		
14	250149		4 POSITIONS WIRE SEAL		
15	250150		6 POSITIONS "MNL" PLUG HOUSING		
16	250151		6 POSITIONS "MNL" CAP HOUSING		
17	250153		6 POSITIONS INTERFACE SEAL		
18	250154		6 POSITIONS WIRE SEAL		
19	250155		12 POSITIONS "MNL" PLUG HOUSING		
20	250156		12 POSITIONS "MNL" CAP HOUSING		
21	250158		12 POSITIONS INTERFACE SEAL		
22	250159		12 POSITIONS WIRE SEAL		
23	250193		2 POSITIONS "MNL" PLUG HOUSING		
24	250194		2 POSITIONS "MNL" CAP HOUSING		
25	250195		2 POSITIONS INTERFACE SEAL		
26	250196		2 POSITIONS WIRE SEAL		
			CONNECTEURS MATE-N-LOK		
			CONNECTEUR MALE 9 COSSES "MNL"		
			CONNECTEUR FEMELLE 9 COSSES "MNL"		
			JOINT INTERFACE CONNECTEUR 9 CTS		
			JOINT ARRIERE CONNECTEUR 9 CTS		
			CONTACT FEMELLE "MATE-N-LOK"		
			CONTACT MALE "MATE-N-LOK"		
			CONNECTEUR MALE 3 CONTACTS "MNL"		
			CONNECTEUR FEMELLE 3 CTS "MNL"		
			JOINT INTERFACE CONNECTEUR 3 CTS		
			JOINT ARRIERE CONNECTEUR 3 CTS		
			CONNECTEUR MALE 4 CONTACTS "MNL"		
			CONNECTEUR FEMELLE 4 CTS "MNL"		
			JOINT INTERFACE CONNECTEUR 4 CTS		
			JOINT ARRIERE CONNECTEUR 4 CTS		
			CONNECTEUR MALE 6 CONTACTS "MNL"		
			CONNECTEUR FEMELLE 6 CTS "MNL"		
			JOINT INTERFACE CONNECTEUR 6 CTS		
			JOINT ARRIERE CONNECTEUR 6 CTS		
			CONNECTEUR MALE 12 CONTACTS "MNL"		
			CONNECTEUR FEMELLE 12 CTS "MNL"		
			JOINT INTERFACE CONNECTEUR 12 CTS		
			JOINT ARRIERE CONNECTEUR 12 CTS		
			CONNECTEUR MALE 2 CONTACTS "MNL"		
			CONNECTEUR FEMELLE 2 CTS "MNL"		
			JOINT INTERFACE CONNECTEUR 2 CTS		
			JOINT ARRIERE CONNECTEUR 2 CTS		

SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-2. CONNECTORS ON HARNESS ASSY / CONNECTEURS SUR FAISCEAUX

Number of pins Nombre de contacts	PART NUMBER / REP			
	MOLEX		FCI	
	Male	Fem		
2	3			
4	4	27		
6	5			GLAND / PE
8	6			180° 90°
9			12	22
10	7	28		
12	8			
14	9			
16	10			
18	24		13	21 23
22	25			
24	11			
26			14	20 19

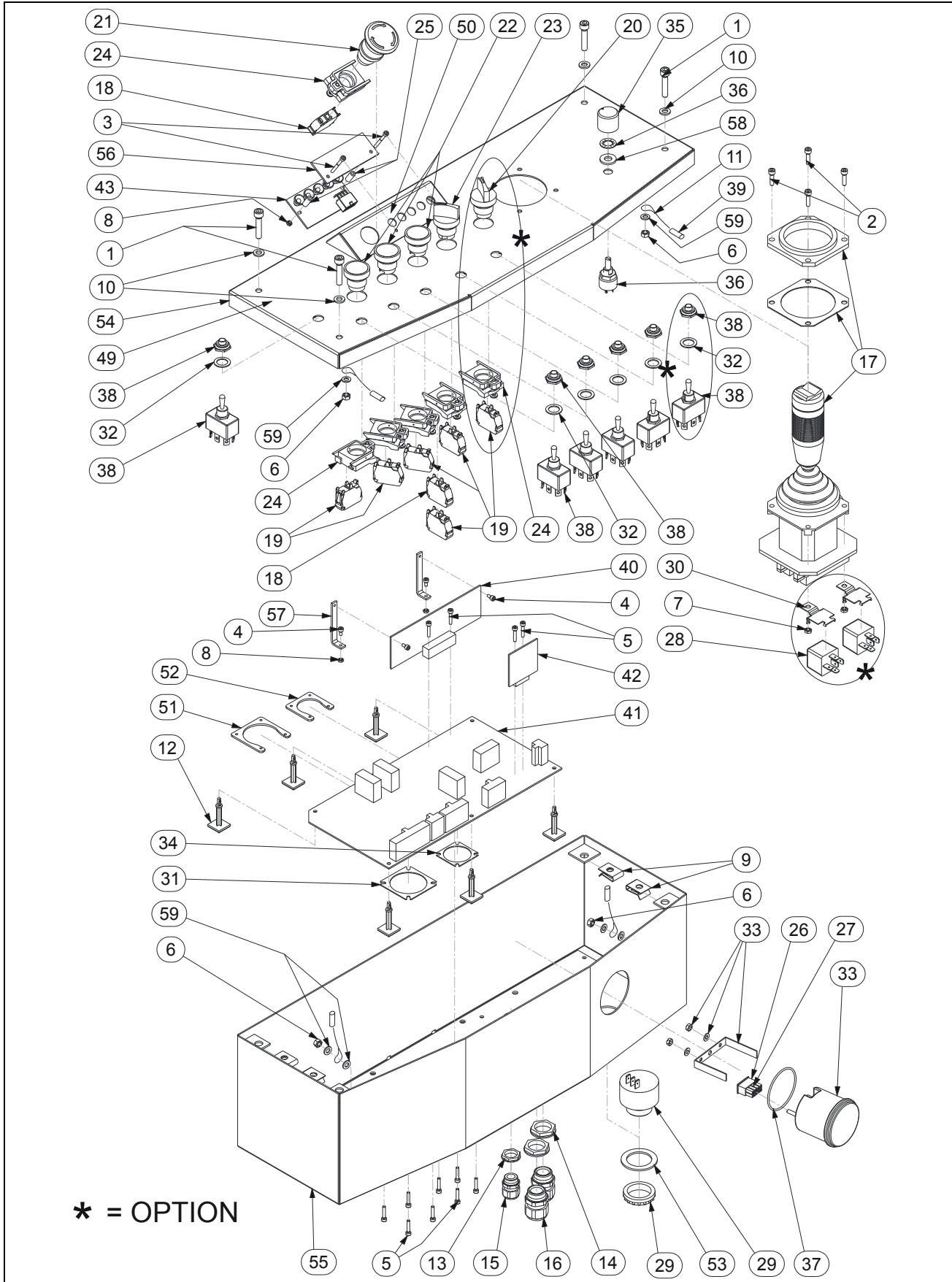
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-2. CONNECTORS ON HARNESS ASSY / CONNECTEURS SUR FAISCEAUX

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			CONNECTORS ON HARNESS ASSEMBLIES	CONNECTEURS SUR FAISCEAUX		RM0091
1	250190		SOCKET CONTACT "MOLEX MINI-FIT"	CONTACT FEMELLE "MOLEX MINI-FIT"		
2	260130		SOCKET CONTACT	CONTACT A SERTIR FEMELLE		
3	250206		2 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 2 CTS		
4	250199		4 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 4 CTS		
5	250200		6 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 6 CTS		
6	250189		8 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 8 CTS		
7	250201		10 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 10 CTS		
8	250202		12 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 12 CTS		
9	250203		14 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 14 CTS		
10	250204		16 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 16 CTS		
11	250205		24 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 24 CTS		
12	260177		9 POSITIONS SOCKET HOUSING	CONNECTEUR 9 CONTACTS		
13	260168		18 POSITIONS SOCKET HOUSING	CONNECTEUR 18 CONTACTS		
14	260128		26 POSITIONS SOCKET HOUSING	CONNECTEUR 26 CONTACTS		
15	260132		WIRE SEAL	JOINT DE CONNECTEUR		
16	260136		AMP TIMER CAP HOUSING	CONNECTEUR AMP TIMER		
17	260137		RECEPTACLE CONTACT	CONTACT		
18	900086		GREY CONNECTOR DIN43650-A	CONNECTEUR GRIS DIN43650-A		
18	900087		BLACK CONNECTOR DIN43650-A	CONNECTEUR NOIR DIN43650-A		
19	210020		90° CABLE GLAND N°29	PRESSE ETOUPE COUDE N°29		
20	260129		CABLE GLAND N°29	PRESSE ETOUPE N°29		
21	260169		CABLE GLAND N°21	PRESSE ETOUPE N°21		
22	260179		CABLE GLAND N°16	PRESSE ETOUPE N°16		
23	260221		90° CABLE GLAND N°21	PRESSE ETOUPE COUDE N°21		
24	250216		18 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 18 CTS		
25	250217		22 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 22 CTS		
26	250220		PIN CONTACT "MOLEX MINI-FIT"	CONTACT MALE "MOLEX MINI-FIT"		
27	250221		4 POS. "MOLEX MINI-FIT" SOCKET HOUSING	CONNECTEUR FEM. "MOLEX MINI-FIT" 4 CTS		
28	250222		10 POS. "MOLEX MINI-FIT" SOCKET HOUSING	CONNECTEUR FEM. "MOLEX MINI-FIT" 10 CTS		

SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-3. S/N PRIOR/AVANT #299 UCB ASSY / ASSEMBLAGE BOITIER HAUT



SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-3. S/N PRIOR/AVANT #299 UCB ASSY / ASSEMBLAGE BOITIER HAUT

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			S/N PRIOR #299 UPPER CONTROL BOX ASSY	ASSEMBLAGE BOITIER HAUT AVANT N°299		SP1229
1	000016	4	M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT		
2	000020	2	M04x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M04x20 8.8 BI FT		
3	000052	2	M03x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x30 8.8 BR FT		
4	000065	4	M03x06 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x06 8.8 FT		
5	000068	12	M03x18 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x18 8.8 BI FT		
6	110013	4	M05 GR. 8.8 HEX NUT	ECROU H M05 8.8 BI		
7	110021	2	M04 GR. 8.8 HEX NUT	ECROU H M04 8.8 BI		
8	110024	4	M03 GR. 8.8 LOCK NUT	ECROU FREIN M03 8.8 BI		
9	110026	4	M06 CAGE HEX NUT	ECROU CAGE M06		
10	120009	4	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		
11	190047	2	LINKAGE WIRE	CABLE D'ATTACHE		
12	190055	6	ADHESIVE BRACKET SUPPORT	ENTRETOISE SUPPORT CARTE		
13	210009	1	GLAND N°9 NUT	ECROU DE PRESSE ETOUPE N°9		
14	210011	2	GLAND N°13 NUT	ECROU DE PRESSE ETOUPE N°13		
15	210017	1	GLAND N°9	PRESSE ETOUPE N°9		
16	210019	2	GLAND N°13	PRESSE ETOUPE N°13		
17	240044	1	JOYSTICK	MANIPULATEUR		240044
18	240057	2	NC CONTACT BLOCK	CONTACT NF		
19	240058	6	NO CONTACT BLOCK	CONTACT NO		
20	240059	1	2 POSITIONS SELECTOR	SELECTEUR 2 POSITIONS		
21	240060	1	TURN TO RELEASE KNOB	BOUTON D'ARRET D'URGENCE 1/4 TOUR		
22	240061	3	PUSH BUTTON	BOUTON POUSSOIR		
23	240064	1	3 POSITIONS SELECTOR	SELECTEUR 3 POSITIONS		
24	240076	6	CONTACT BLOCK HOLDER	EMBASE CONTACT		
25	250184	2	Ø 3x 14 PLASTIC SPACER	ENTRETOISE PVC Ø 3 lg 14		
26	250189	1	8 POS. "MOLEX MINI-FIT" PLUG HOUSING	CONNECTEUR "MOLEX MINI-FIT" 8 CTS		
27	250190	8	SOCKET CONTACT "MOLEX MINI-FIT"	CONTACT FEMELLE "MOLEX MINI-FIT"		
28	260019	2	1RT 24V RELAY	RELAIS 24 V 1RT		
29	260045	1	BUZZER 24 V	BUZZER 24 V		
30	260049	2	RELAY HOLDER	SUPPORT RELAIS		
31	260127	1	26 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 26 CONTACTS		
32	260134	6	TOGGLE SWITCH GASKET	JOINT D'INVERSEUR		
33	260142	1	24V HOURMETRE BATTERY INDICATOR	INDICATEUR DE DECHARGE HORAMETRE		
34	260167	1	18 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 18 CONTACTS		
35	260201	1	POTENTIOMETER KNOB	BOUTON POTENTIOMETRE		
36	260202	1	POTENTIOMETER	POTENTIOMETRE		
37	260209	1	CHARGE INDICATOR RING	JOINT INDICATEUR DE DECHARGE		
38	260261	6	DOUBLE POLE TOGGLE SWITCH	INVERSEUR BIPOLAIRE		
39	280011	2x0.15	Heat Shrink Sleeve 6 (quantity in meter)	GAINE THERMO 6 (qté indiquée en mètre)		
40	290026	1	ENABLE BOARD	CARTE VALIDATION		

SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-3. S/N PRIOR/AVANT #299 UCB ASSY / ASSEMBLAGE BOITIER HAUT (CONTINUED)

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
41	290029	1	UCB MAIN BOARD	CARTE MERE BOITIER HAUT		
42	290031	1	JIB SPEED CONTROL BOARD	MODULE DE CONTRÔLE VITESSE BRAS		
43	290033	1	5 LED ELECTRONIC BOARD	CARTE ELECTRONIQUE 5 LED		
49	AU1510	1	UPPER CONTROL BOX DECAL	AUTOCOLLANT BOITIER HAUT		
50	AU1511	1	5 LED LEGEND DECAL	AUTOCOLLANT DE LEGENDE DES 5 LEDS		
51	ST1934	1	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
52	ST1935	1	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
53	ST2063	1	BUZZER SEAL	JOINT BUZZER		
54	ST2501	1	UPPER CONTROL BOX LID	COUVERCLE BOITIER HAUT		
55	ST2502	1	UPPER CONTROL BOX BOTTOM	FOND BOITIER HAUT		
56	ST2503	1	LED PROTECTOR SCREEN	ECRAN DE PROTECTION DES LEDS		
57	ST2505	2	ENABLE BOARD BRACKET	EQUERRE CARTE VALIDATION		
58	ST2564	1	POTENTIOMETER GASKET	JOINT POTENTIOMETRE		
59	120002	6	M05 WASHER	RONDELLE M05 BI		

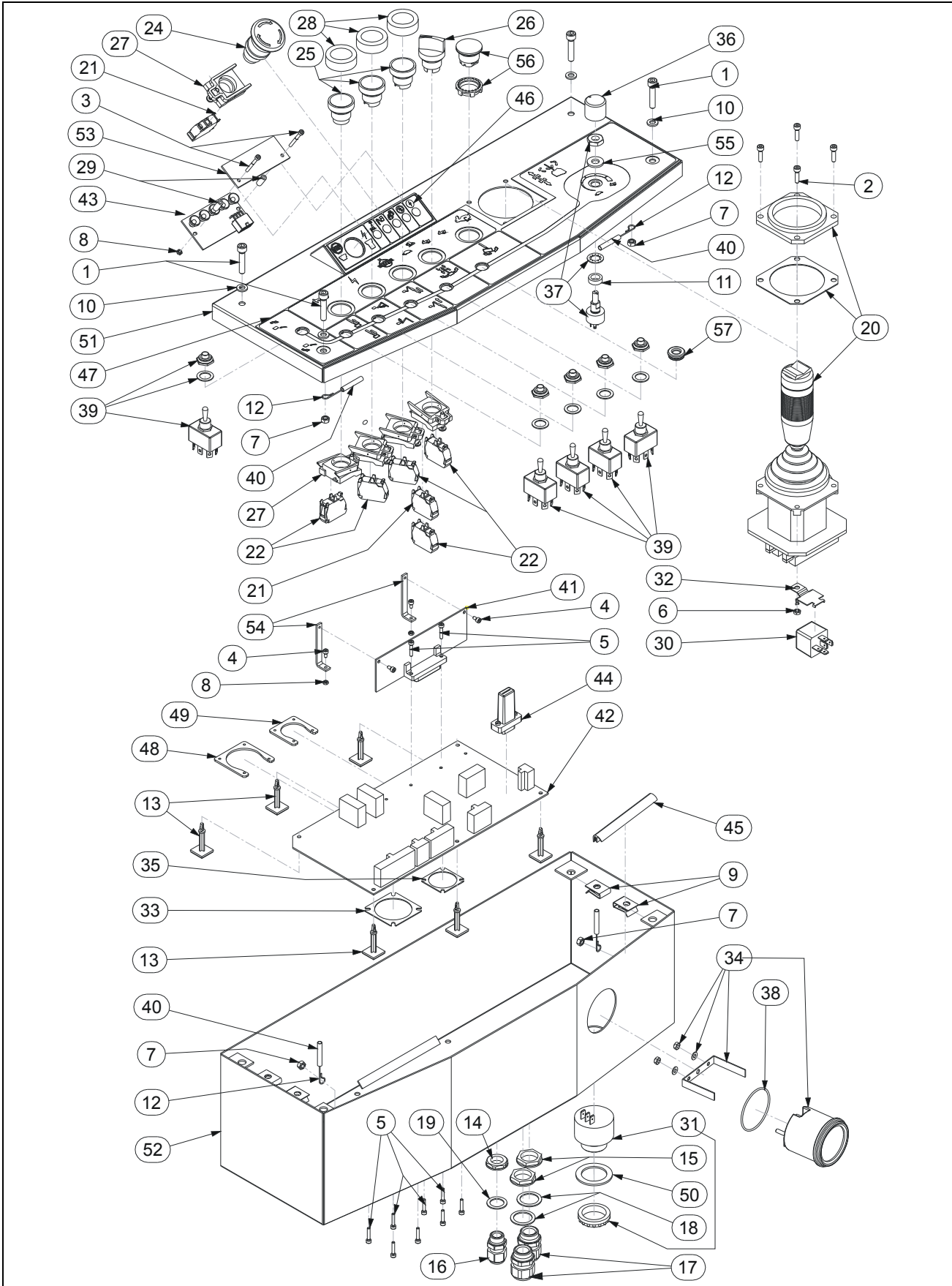
**SECTION 2 ELECTRICAL INSTALL /
INSTALLATION ELECTRIQUE**

FIGURE 2-4-3. S/N PRIOR/AVANT #299 UCB ASSY / ASSEMBLAGE BOITIER HAUT (CONTINUED)

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-4. S/N SINCE/DEPUIS #299 UCB ASSY / ASSEMBLAGE BOITIER HAUT



SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-4. S/N SINCE/DEPUIS #299 UCB ASSY / ASSEMBLAGE BOITIER HAUT

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0576		S/N SINCE #299 UPPER CONTROL BOX ASSY	ASSEMBLAGE BOITIER HAUT DEPUIS N°299	B	SE0576
1	000016	4	M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT		
2	000020	1	M04x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M04x20 8.8 BI FT		
3	000052	2	M03x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x30 8.8 BR FT		
4	000065	4	M03x06 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x06 8.8 FT		
5	000091	10	M03x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x16 8.8 BI FT		
6	110001	1	M04 GR. 8.8 LOCK NUT	ECROU FREIN M4 8.8 BI		
7	110002	4	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
8	110024	4	M03 GR. 8.8 LOCK NUT	ECROU FREIN M03 8.8 BI		
9	110026	4	M06 CAGE HEX NUT	ECROU CAGE M06		
10	120009	4	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		
11	120045	1	dDh 10x15x5 PA WASHER	RONDELLE dDh 10x15x5 PA		
12	190047	2	LINKAGE WIRE	CABLE D'ATTACHE		
13	190055	6	ADHESIVE BRACKET SUPPORT	ENTRETOISE SUPPORT CARTE		
14	210009	1	GLAND N°9 NUT	ECROU DE PRESSE ETOUPE N°9		
15	210011	2	GLAND N°13 NUT	ECROU DE PRESSE ETOUPE N°13		
16	210017	1	GLAND N°9	PRESSE ETOUPE N°9		
17	210019	2	GLAND N°13	PRESSE ETOUPE N°13		
18	210057	2	N°13 GLAND SEAL	JOINT DE PRESSE ETOUPE N°13		
19	210063	1	N°9 GLAND SEAL	JOINT DE PRESSE ETOUPE N°9		
20	240044	1	PRIOR 2011 - JOYSTICK	AVANT 2011 - MANIPULATEUR		240044
20	240095	1	SINCE 2011 - JOYSTICK	DEPUIS 2011 - MANIPULATEUR	B	240095
21	240057	2	NC CONTACT BLOCK	CONTACT NF		
22	240058	5	NO CONTACT BLOCK	CONTACT NO		
23			NOT REQUIRED	NON REQUIS		
24	240060	1	TURN TO RELEASE KNOB	BOUTON D'ARRET D'URGENCE 1/4 TOUR		
25	240061	3	PUSH BUTTON	BOUTON POUSSOIR		
26	240064	1	3 POSITIONS SELECTOR	SELECTEUR 3 POSITIONS		
27	240076	5	CONTACT BLOCK HOLDER	EMBASE CONTACT		
28	240082	3	PUSH BUTTON CAP	CAPUCHON D'ETANCHEITE		
29	250184	2	Ø 3x 14 PLASTIC SPACER	ENTRETOISE PVC Ø 3 lg 14		
30	260019	1	1RT 24V RELAY	RELAIS 24 V 1RT		
31	260045	1	BUZZER 24 V	BUZZER 24 V		
32	260049	1	RELAY HOLDER	SUPPORT RELAIS		
33	260127	1	26 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 26 CONTACTS		
34	260142	1	24V HOURMETRE BATTERY INDICATOR	INDICATEUR DE DECHARGE HORAMETRE		
35	260167	1	18 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 18 CONTACTS		
36	260201	1	POTENTIOMETER KNOB	BOUTON POTENTIOMETRE		
37	260202	1	POTENTIOMETER	POTENTIOMETRE		
38	260209	1	CHARGE INDICATOR RING	JOINT INDICATEUR DE DECHARGE		
39	260261	5	DOUBLE POLE TOGGLE SWITCH	INVERSEUR BIPOLAIRE		

SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-4. S/N SINCE/DEPUIS #299 UCB ASSY / ASSEMBLAGE BOITIER HAUT (CONTINUED)

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
40	280011	2x0.15	Heat Shrink Sleeve 6 (quantity in meter)	GAINÉ THERMO 6 (qté indiquée en mètre)		
41	290026	1	ENABLE BOARD	CARTE VALIDATION		
42	290036	1	UCB MAIN BOARD	CARTE MERE BOITIER HAUT		
43	290033	1	5 LED ELECTRONIC BOARD	CARTE ELECTRONIQUE 5 LED		
44	290037	1	DONGLE	CONNECTEUR SHUNT		
45	400085	1.5	BOX SEAL (quantity indicated in meter)	JOINT BOITIER (quantité indiquée en mètre)		
46	AU1511	1	5 LED LEGEND DECAL	AUTOCOLLANT DE LEGENDE DES 5 LEDS		
47	AU1870	1	UPPER CONTROL BOX DECAL	AUTOCOLLANT BOITIER HAUT		
48	ST1934	1	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
49	ST1935	1	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
50	ST2063	1	BUZZER SEAL	JOINT BUZZER		
51	ST2501	1	UPPER CONTROL BOX LID	COUVERCLE BOITIER HAUT		
52	ST2502	1	UPPER CONTROL BOX BOTTOM	FOND BOITIER HAUT		
53	ST2503	1	LED PROTECTOR SCREAN	ECRAN DE PROTECTION DES LEDS		
54	ST2505	2	ENABLE BOARD BRACKET	EQUERRE CARTE VALIDATION		
55	ST2564	1	POTENTIOMETER GASKET	JOINT POTENTIOMETRE		
56	210052	1	SHUTTER D=22	OBTURATEUR D=22		
57	210064	1	SHUTTER	OBTURATEUR		

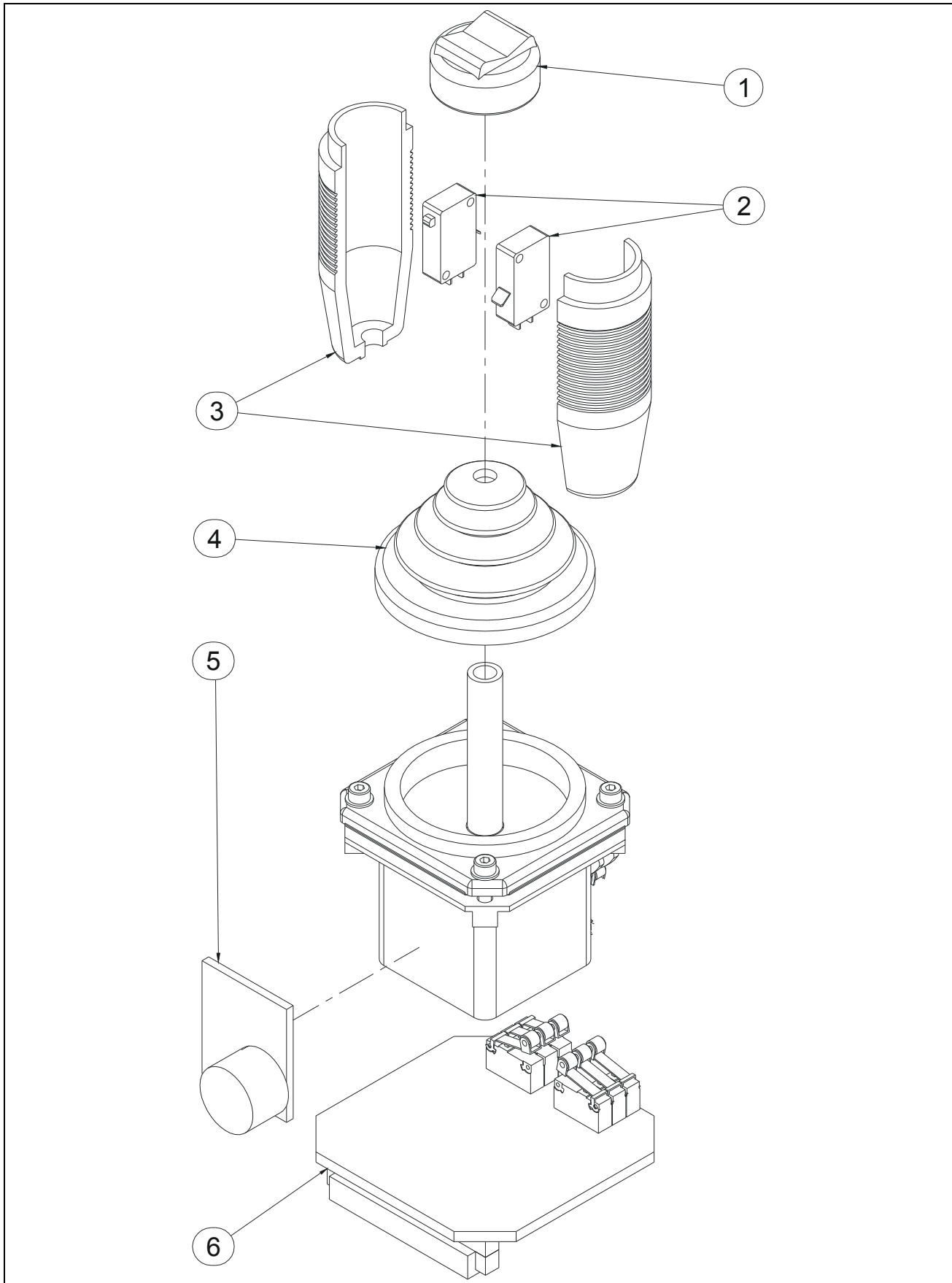
**SECTION 2 ELECTRICAL INSTALL /
INSTALLATION ELECTRIQUE**

FIGURE 2-4-4. S/N SINCE/DEPUIS #299 UCB ASSY / ASSEMBLAGE BOITIER HAUT (CONTINUED)

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

**SECTION 2 ELECTRICAL INSTALL /
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FIGURE 2-4-4-1. JOYSTICK COMPONENTS / COMPOSANTS MANIPULATEUR



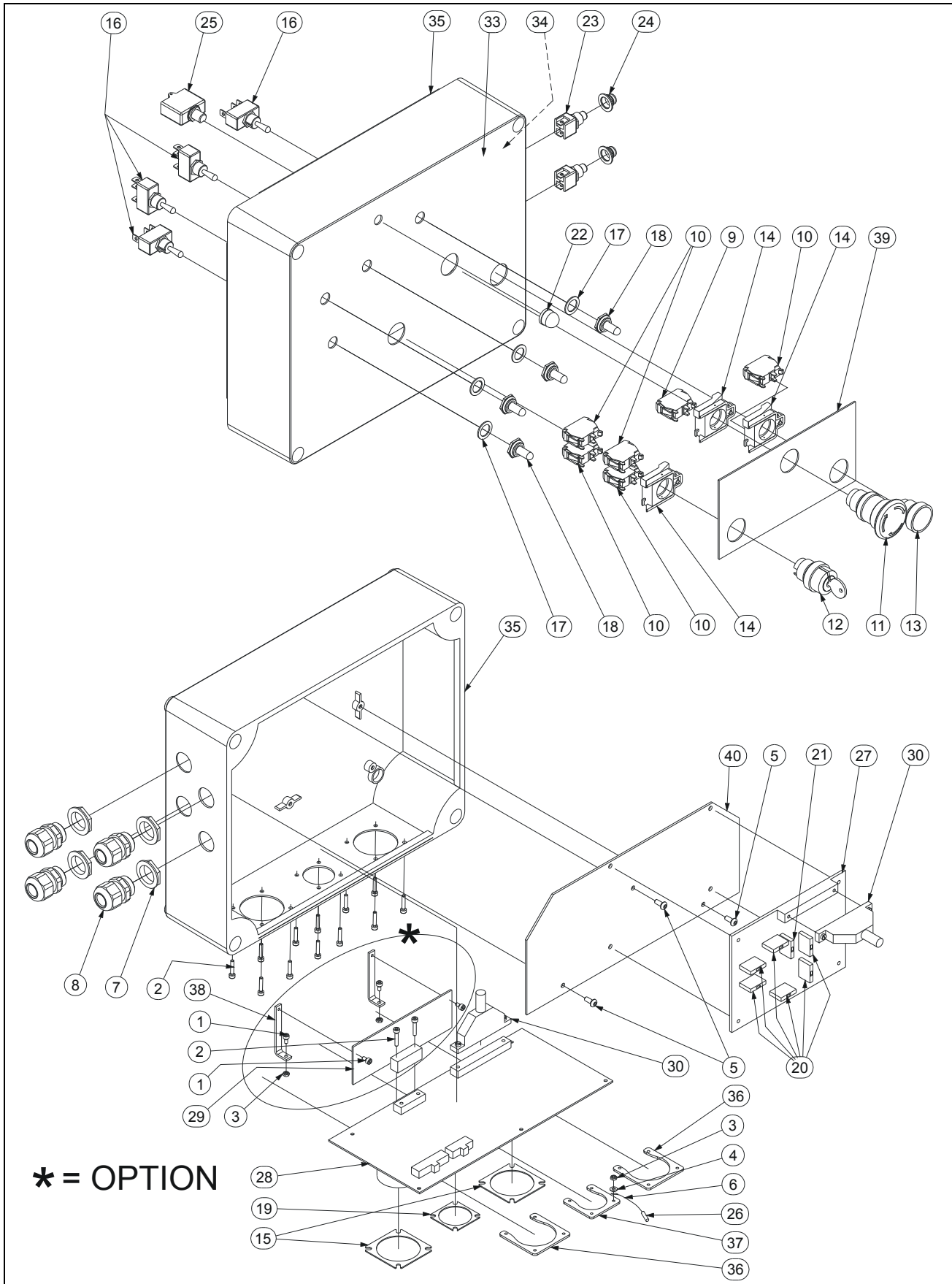
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-4-1. JOYSTICK COMPONENTS / COMPOSANTS MANIPULATEUR

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION	REV	INFORMATION
	240044		PRIOR 2011- JOYSTICK		240044
	240095		SINCE 2011- JOYSTICK		240095
1	924003	1	ROCKER CAP		
2	924001	2	MICRO-SWITCH		
3	924004	2	HALF HANDLE		
4	924005	1	BELLOWS		
5	924006	1	POTENTIOMETER		
6	924016	1	SINCE 2011 - CIRCUIT BOARD		

SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-5. S/N PRIOR/AVANT #299 LCB ASSY / ASSEMBLAGE BOITIER BAS



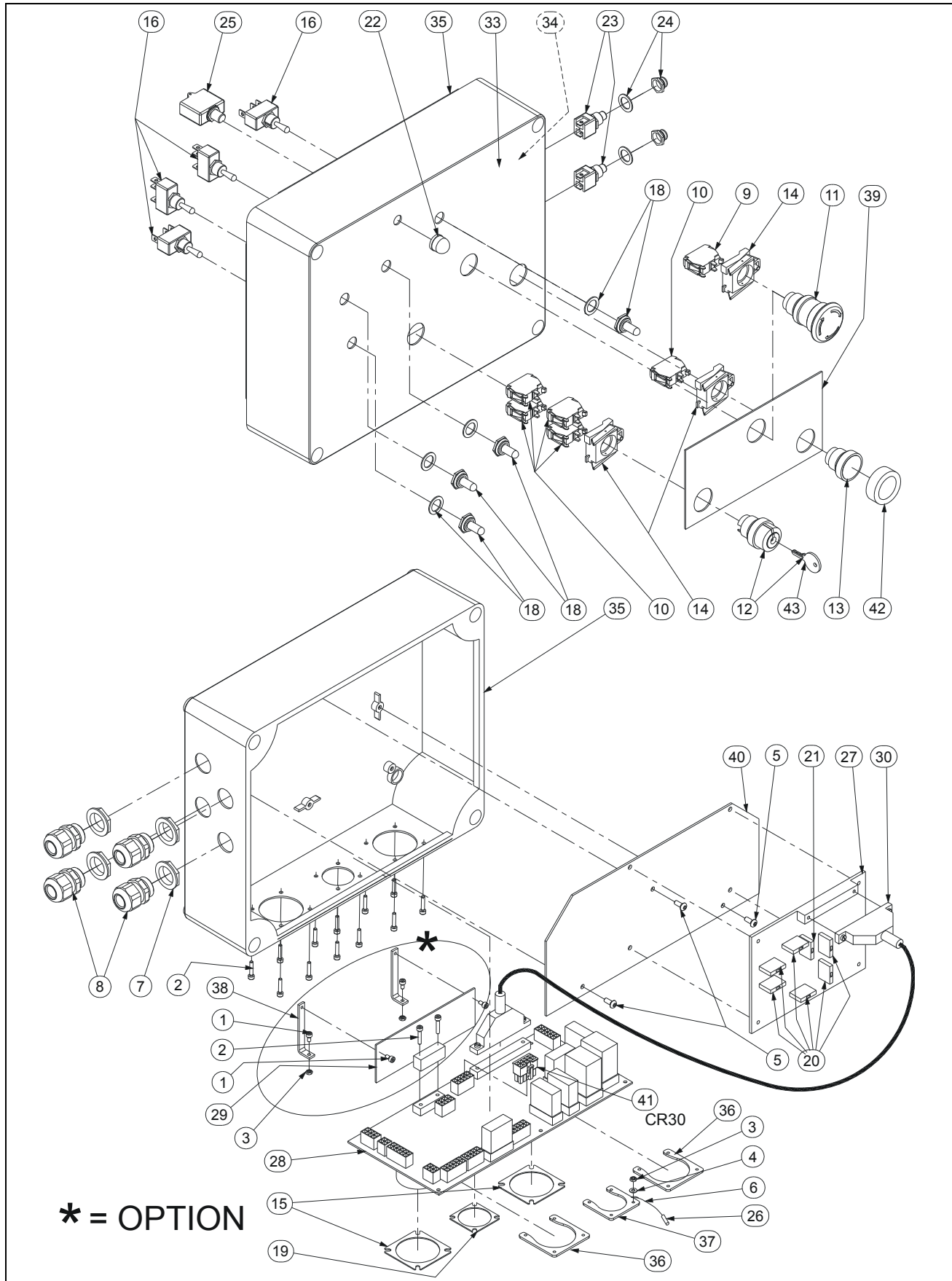
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-5. S/N PRIOR/AVANT #299 LCB ASSY / ASSEMBLAGE BOITIER BAS

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			S/N PRIOR #299 LCB ASSY	ASSEMBLAGE BOITIER BAS AVANT N°299		SP1230
1	000065	4	M03x06 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x06 8.8 FT		
2	000068	14	M03x18 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x18 8.8 BI FT		
3	110024	3	M03 GR. 8.8 LOCK NUT	ECROU FREIN M03 8.8 BI		
4	120023	1	M03 LOCK WASHER	RONDELLE CONTACT M03 BI		
5	130041	3	SHEET METAL SCREW	VIS AUTOTARAUEUSE		
6	190047	1	LINKAGE WIRE	CABLE D'ATTACHE		
7	210011	4	GLAND N°13 NUT	ECROU DE PRESSE ETOUPE N°13		
8	210019	4	GLAND N°13	PRESSE ETOUPE N°13		
9	240057	1	NC CONTACT BLOCK	CONTACT NF		
10	240058	5	NO CONTACT BLOCK	CONTACT NO		
11	240060	1	TURN TO RELEASE KNOB	BOUTON D'ARRET D'URGENCE 1/4 TOUR		
12	240066	1	3 POSITIONS KEY SELECTOR	SELECTEUR A CLE 3 POSITIONS		
13	240072	1	GREEN PUSCH BUTTON	BOUTON POUSSOIR VERT		
14	240076	3	CONTACT BLOCK HOLDER	EMBASE CONTACT		
15	260127	2	26 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 26 CONTACTS		
16	260133	4	SINGLE POLE TOGGLE SWITCH	INVERSEUR UNIPOLAIRE		
17	260134	4	TOGGLE SWITCH GASKET	JOINT D'INVERSEUR		
18	260135	4	TOGGLE SWITCH COVER	PROTECTION D'INTERRUPTEUR		
19	260167	1	18 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 18 CONTACTS		
20	260200	6	1A QUICK ACTING FUSE	FUSIBLE RAPIDE 1A		
21	260232	1	2A QUICK ACTING FUSE	FUSIBLE RAPIDE 2A		
22	260243	1	CIRCUIT BREAKER BOOT	CAPUCHON DISJONCTEUR		
23	260259	2	PUSH BUTTON MOM NO	BOUTON POUSSOIR MOMENTANE NO		
24	260260	2	PUSH BUTTON SEAL CAP	CAPUCHON ETANCHEITE B. P.		
25	260265	1	CIRCUIT BREAKER 7A	DISJONCTEUR 7A		
26	280011	0.15	Heat Shrink Sleeve 6 (quantity in meter)	GAINES THERMO 6 (qté indiquée en mètre)		
27	290010	1	DELAY TIMER BOARD	CARTE TEMPORISATION		
28	290030	1	LOWER CONTROL BOX MAIN BOARD	CARTE MERE BOITIER BAS		
29	290032	1	"POWER PLUS" CONTROL BOARD	CARTE DE CONTRÔLE "POWER PLUS"		
30	929020	1	CABLE ASSEMBLY CR5 T1010	FAISCEAU ELECTRIQUE CR5 T1010		
33	AU1515	1	LOWER CONTROL BOX DECAL	AUTOCOLLANT BOITIER BAS		
34	AU1525	1	FILLING DECAL	AUTOCOLLANT REMPLISSAGE		
35	SD0609	1	DRILLED ELECTRICAL BOX	BOITIER ELECTRIQUE PERCE		
36	ST1934	2	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
37	ST1935	1	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
38	ST2505	2	ENABLE BOARD BRACKET	EQUERRE CARTE VALIDATION		
39	ST2507	1	LCB LID REINFORCEMENT	RENFORT FACADE		
40	ST2511	1	BOARD HOLDER	SUPPORT CARTE TEMPO		

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FIGURE 2-4-6. S/N FROM/DE #299 TO/A #481 LCB ASSY / ASSEMBLAGE BOITIER BAS



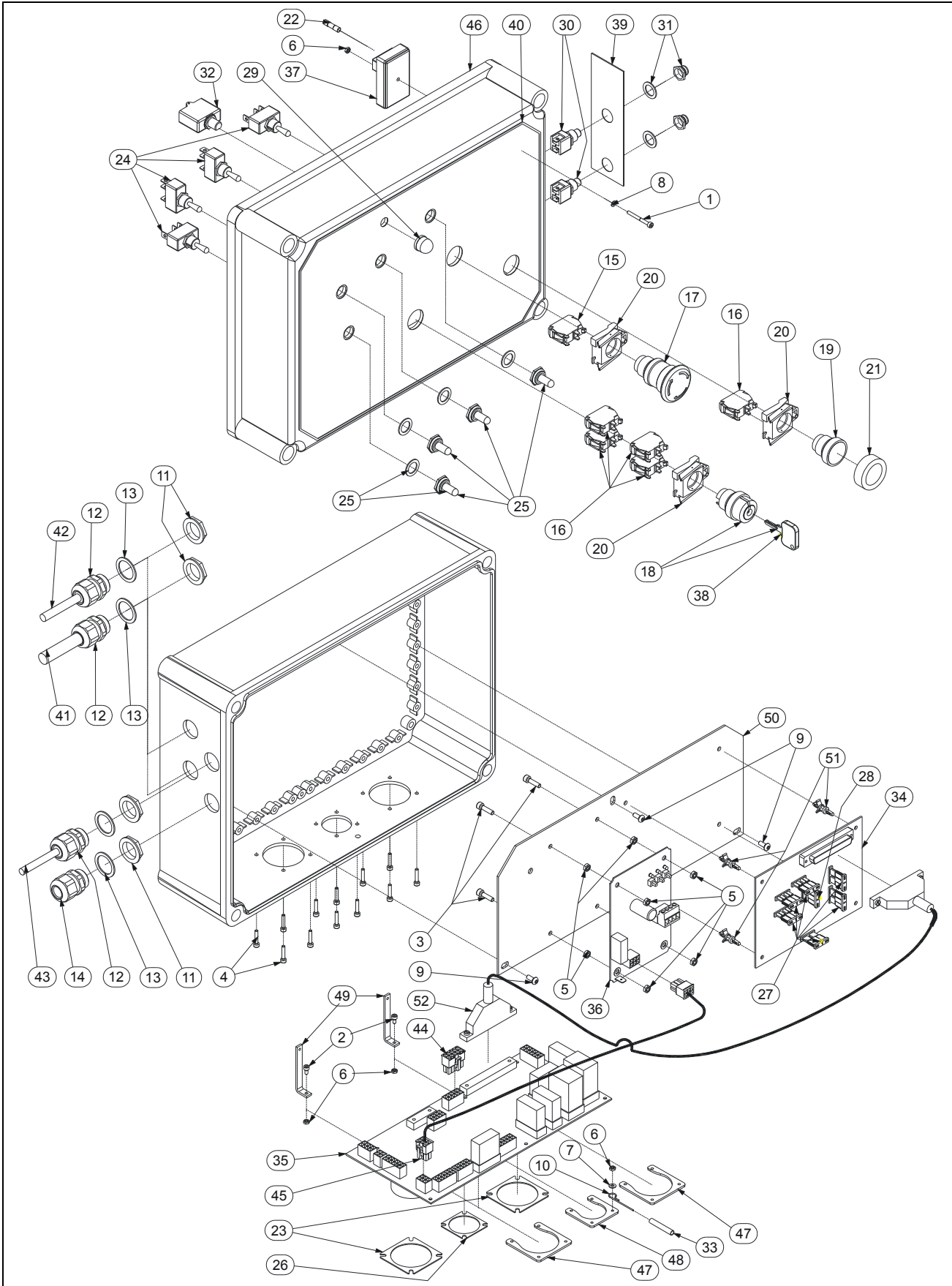
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-6. S/N FROM/DE #299 TO/A #481 LCB ASSY / ASSEMBLAGE BOITIER BAS

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			S/N FROM #299 TO #482 LCB ASSY	ASSEMBLAGE BOITIER BAS DE N°299 A 482	B	SP1230
1	000065	4	M03x06 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x06 8.8 FT		
2	000091	14	M03x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x16 8.8 BI FT	B	
3	110024	3	M03 GR. 8.8 LOCK NUT	ECROU FREIN M03 8.8 BI		
4	120023	1	M03 LOCK WASHER	RONDELLE CONTACT M03 BI		
5	130041	3	SHEET METAL SCREW	VIS AUTOTARAUEUSE		
6	190047	1	LINKAGE WIRE	CABLE D'ATTACHE		
7	210011	4	GLAND N°13 NUT	ECROU DE PRESSE ETOUPE N°13		
8	210019	4	GLAND N°13	PRESSE ETOUPE N°13		
9	240057	1	NC CONTACT BLOCK	CONTACT NF		
10	240058	5	NO CONTACT BLOCK	CONTACT NO		
11	240060	1	TURN TO RELEASE KNOB	BOUTON D'ARRET D'URGENCE 1/4 TOUR		
12	240066	1	3 POSITIONS KEY SELECTOR	SELECTEUR A CLE 3 POSITIONS		
13	240072	1	GREEN PUSCH BUTTON	BOUTON POUSSOIR VERT		
14	240076	3	CONTACT BLOCK HOLDER	EMBASE CONTACT		
15	260127	2	26 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 26 CONTACTS		
16	260133	4	SINGLE POLE TOGGLE SWITCH	INVERSEUR UNIPOLAIRE		
18	260135	4	TOGGLE SWITCH COVER	PROTECTION D'INTERRUPTEUR		
19	260167	1	18 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 18 CONTACTS		
20	260200	6	1A QUICK ACTING FUSE	FUSIBLE RAPIDE 1A		
21	260232	1	2A QUICK ACTING FUSE	FUSIBLE RAPIDE 2A		
22	260243	1	CIRCUIT BREAKER BOOT	CAPUCHON DISJONCTEUR		
23	260259	2	PUSH BUTTON MOM NO	BOUTON POUSSOIR MOMENTANE NO		
24	260260	2	PUSH BUTTON SEAL CAP	CAPUCHON ETANCHEITE B. P.		
25	260265	1	CIRCUIT BREAKER 7A	DISJONCTEUR 7A		
26	280011	0.15	Heat Shrink Sleeve 6 (quantity in meter)	GAINE THERMO 6 (qté indiquée en mètre)		
27	290010	1	DELAY TIMER BOARD	CARTE TEMPORISATION		
28	290038	1	LOWER CONTROL BOX MAIN BOARD	CARTE MERE BOITIER BAS	A	
29	290032	1	"POWER PLUS" CONTROL BOARD	CARTE DE CONTRÔLE "POWER PLUS"		
30	929020	1	CABLE ASSEMBLY CR5 T1010	FAISCEAU ELECTRIQUE CR5 T1010		
33	AU1715	1	LOWER CONTROL BOX DECAL	AUTOCOLLANT BOITIER BAS	B	
34	AU1525	1	FILLING DECAL	AUTOCOLLANT REMPLISSAGE		
35	SD0609	1	DRILLED ELECTRICAL BOX	BOITIER ELECTRIQUE PERCE		
36	ST1934	2	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
37	ST1935	1	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
38	ST2505	2	ENABLE BOARD BRACKET	EQUERRE CARTE VALIDATION		
39	ST2507	1	LCB LID REINFORCEMENT	RENFORT FACADE		
40	ST2511	1	BOARD HOLDER	SUPPORT CARTE TEMPO		
41	PC0272	1	CR30 JUMPER	CAVALIER CR30	A	
42	240082	1	PUSH BUTTON CAP	CAPUCHON D'ETANCHEITE	B	
43	910058	1	KEY N°421E	CLE N°421E	B	

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FIGURE 2-4-7. S/N FROM #482 TO #475+477+586 TO/A 611 LCB ASSY / BOITIER BAS



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FIGURE 2-4-7. S/N FROM #482 TO #475+477+586 TO/A 611 LCB ASSY / BOITIER BAS

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0688		S/N #482 TO 575+577+586 TO 611 LCB ASSY	BOITIER BAS DE N°482 A 575+577+586 A 611		SE0688
1	000052	1	M03x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x30 8.8 BR FT		
2	000065	2	M03x06 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x06 8.8 FT		
3	000085	4	M04x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M04x16 8.8 BI FT		
4	000091	12	M03x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x16 8.8 BI FT		
5	110001	8	M04 GR. 8.8 LOCK NUT	ECROU FREIN M4 8.8 BI		
6	110024	4	M03 GR. 8.8 LOCK NUT	ECROU FREIN M03 8.8 BI		
7	120023	1	M03 LOCK WASHER	RONDELLE CONTACT M03 BI		
8	120040	1	M03 PLASTIC WASHER	RONDELLE PLASTIQUE M03		
9	130041	3	SHEET METAL SCREW	VIS AUTOTARAUEUSE		
10	190047	1	LINKAGE WIRE	CABLE D'ATTACHE		
11	210011	4	GLAND N°13 NUT	ECROU DE PRESSE ETOUPE N°13		
12	210019	3	GLAND N°13	PRESSE ETOUPE N°13		
13	210057	4	N°13 GLAND SEAL	JOINT DE PRESSE ETOUPE N°13		
14	210062	1	GLAND N°13 Ø5 IP65	PRESSE ETOUPE N°13 Ø5 IP65		
15	240057	1	NC CONTACT BLOCK	CONTACT NF		
16	240058	5	NO CONTACT BLOCK	CONTACT NO		
17	240060	1	TURN TO RELEASE KNOB	BOUTON D'ARRET D'URGENCE 1/4 TOUR		
18	240066	1	3 POSITIONS KEY SELECTOR	SELECTEUR A CLE 3 POSITIONS		
19	240072	1	GREEN PUSCH BUTTON	BOUTON POUSSOIR VERT		
20	240076	3	CONTACT BLOCK HOLDER	EMBASE CONTACT		
21	240082	1	PUSH BUTTON CAP	CAPUCHON D'ETANCHEITE		
22	250168	1	SPLICE TERMINAL 1.5-2.5	EPISSURE DE CABLE 1.5-2.5		
23	260127	2	26 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 26 CONTACTS		
24	260133	4	SINGLE POLE TOGGLE SWITCH	INVERSEUR UNIPOLAIRE		
25	260135	4	TOGGLE SWITCH COVER	PROTECTION D'INTERRUPTEUR		
26	260167	1	18 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 18 CONTACTS		
27	260200	6	1A QUICK ACTING FUSE	FUSIBLE RAPIDE 1A		
28	260232	1	2A QUICK ACTING FUSE	FUSIBLE RAPIDE 2A		
29	260243	1	CIRCUIT BREAKER BOOT	CAPUCHON DISJONCTEUR		
30	260259	2	PUSH BUTTON MOM NO	BOUTON POUSSOIR MOMENTANE NO		
31	260260	2	PUSH BUTTON SEAL CAP	CAPUCHON ETANCHEITE B. P.		
32	260265	1	CIRCUIT BREAKER 7A	DISJONCTEUR 7A		
33	280011	0.15	Heat Shrink Sleeve 6 (quantity in meter)	GAINÉ THERMO 6 (qté indiquée en mètre)		
34	290010	1	DELAY TIMER BOARD	CARTE TEMPORISATION		
35	290038	1	LOWER CONTROL BOX MAIN BOARD	CARTE MERE BOITIER BAS		
36	290050	1	LLD300M82 BOARD	CARTE LLD300M82		
37	290058	1	POWER TIMER	TEMPORISATION MACHINE		
38	910058	1	KEY N°421E	CLE N°421E		
39	AU1525	1	FILLING DECAL	AUTOCOLLANT REMPLISSAGE		
40	AU2070	1	LOWER CONTROL BOX DECAL	AUTOCOLLANT BOITIER BAS		

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FIGURE 2-4-7. S/N FROM #482 TO #475+477+586 TO/A 611 LCB ASSY / BOITIER BAS (CONTINUED)

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
41	PC0247	1	HARNESS ASSEMBLY-CONTROLLER	FAISCEAU VARIATEUR		
42	PC0248	1	HARNESS ASSEMBLY-POWER SUPPLY	FAISCEAU ALIMENTATION		
43	PC0249	1	HARNESS ASSEMBLY-CHAIN SLACK	FAISCEAU MOU DE CHAINE		
44	PC0272	1	CR30 JUMPER	CAVALIER CR30		
45	PC0405	1	HARNESS ASSEMBLY-STRAIN LINK	FAISCEAU CAPTEUR DE DEFORMATION		
46	SD0682	1	DRILLED ELECTRICAL BOX	BOITIER ELECTRIQUE PERCE		
47	ST1934	2	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
48	ST1935	1	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
49	ST2505	2	ENABLE BOARD BRACKET	EQUERRE CARTE VALIDATION		
50	ST2887	1	BOARDS HOLDER	SUPPORT CARTES		
51	190054	4	BRACKET SUPPORT	ENTRETOISE SUPPORT CARTE		
52	929020	1	CABLE ASSEMBLY CR5 T1010	FAISCEAU ELECTRIQUE CR5 T1010		

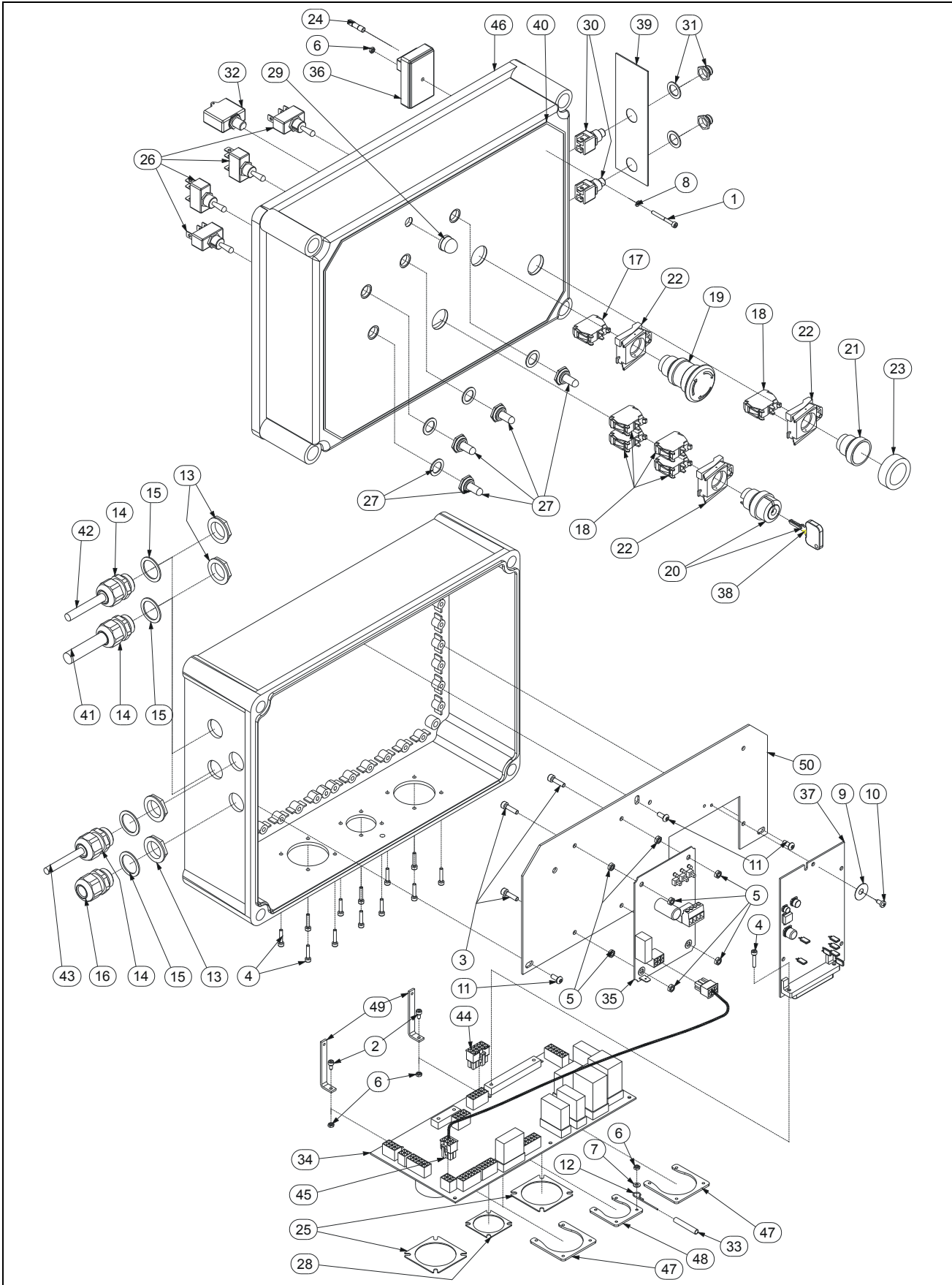
**SECTION 2 ELECTRICAL INSTALL /
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FIGURE 2-4-7. S/N FROM #482 TO #475+477+586 TO/A 611 LCB ASSY / BOITIER BAS (CONTINUED)

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

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FIGURE 2-4-8. S/N #576+578 TO/A 585 & SINCE #612 LCB ASSY / BOITIER BAS



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FIGURE 2-4-8. S/N #576+578 TO/A 585 & SINCE #612 LCB ASSY / BOITIER BAS

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0688		S/N #576+578 TO 585+ SINCE #612 LCB ASSY	BOITIER BAS N°576+578 A 585+DEPUIS N°612	A	SE0688
1	000052	1	M03x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x30 8.8 BR FT		
2	000065	2	M03x06 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x06 8.8 FT		
3	000085	4	M04x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M04x16 8.8 BI FT		
4	000091	13	M03x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x16 8.8 BI FT		
5	110001	8	M04 GR. 8.8 LOCK NUT	ECROU FREIN M4 8.8 BI		
6	110024	4	M03 GR. 8.8 LOCK NUT	ECROU FREIN M03 8.8 BI		
7	120023	1	M03 LOCK WASHER	RONDELLE CONTACT M03 BI		
8	120040	1	M03 PLASTIC WASHER	RONDELLE PLASTIQUE M03		
9	120049	1	SPRING WASHER Ø18x6.2x0.4 BLACK	RONDELLE RESSORT Ø18x6.2x0.4 BR		
10	130039	1	Ø3.5x9.5 TTC SCREW	VIS TOLE Ø3.5x9.5 ZI		
11	130041	3	SHEET METAL SCREW	VIS AUTOTARAUEUSE		
12	190047	1	LINKAGE WIRE	CABLE D'ATTACHE		
13	210011	4	GLAND N°13 NUT	ECROU DE PRESSE ETOUPE N°13		
14	210019	3	GLAND N°13	PRESSE ETOUPE N°13		
15	210057	4	N°13 GLAND SEAL	JOINT DE PRESSE ETOUPE N°13		
16	210062	1	GLAND N°13 Ø5 IP65	PRESSE ETOUPE N°13 Ø5 IP65		
17	240057	1	NC CONTACT BLOCK	CONTACT NF		
18	240058	5	NO CONTACT BLOCK	CONTACT NO		
19	240060	1	TURN TO RELEASE KNOB	BOUTON D'ARRET D'URGENCE 1/4 TOUR		
20	240066	1	3 POSITIONS KEY SELECTOR	SELECTEUR A CLE 3 POSITIONS		
21	240072	1	GREEN PUSCH BUTTON	BOUTON POUSSOIR VERT		
22	240076	3	CONTACT BLOCK HOLDER	EMBASE CONTACT		
23	240082	1	PUSH BUTTON CAP	CAPUCHON D'ETANCHEITE		
24	250168	1	SPLICE TERMINAL 1.5-2.5	EPISSURE DE CABLE 1.5-2.5		
25	260127	2	26 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 26 CONTACTS		
26	260133	4	SINGLE POLE TOGGLE SWITCH	INVERSEUR UNIPOLAIRE		
27	260135	4	TOGGLE SWITCH COVER	PROTECTION D'INTERRUPTEUR		
28	260167	1	18 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 18 CONTACTS		
29	260243	1	CIRCUIT BREAKER BOOT	CAPUCHON DISJONCTEUR		
30	260259	2	PUSH BUTTON MOM NO	BOUTON POUSSOIR MOMENTANE NO		
31	260260	2	PUSH BUTTON SEAL CAP	CAPUCHON ETANCHEITE B. P.		
32	260265	1	CIRCUIT BREAKER 7A	DISJONCTEUR 7A		
33	280011	0.15	Heat Shrink Sleeve 6 (quantity in meter)	GAINÉ THERMO 6 (qté indiquée en mètre)		
34	290038	1	LOWER CONTROL BOX MAIN BOARD	CARTE MERE BOITIER BAS		
35	290050	1	LLD300M82 BOARD	CARTE LLD300M82		
36	290058	1	POWER TIMER	TEMPORISATION MACHINE		
37	290060	1	DELAY TIMER BOARD	CARTE TEMPORISATION	A	A
38	910058	1	KEY N°421E	CLE N°421E		
39	AU1525	1	FILLING DECAL	AUTOCOLLANT REMPLISSAGE		
40	AU2070	1	LOWER CONTROL BOX DECAL	AUTOCOLLANT BOITIER BAS		

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FIGURE 2-4-8. S/N #576+578 TO/A 585 & SINCE #612 LCB ASSY / BOITIER BAS (CONTINUED)

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
41	PC0247	1	HARNESS ASSEMBLY-CONTROLLER	FAISCEAU VARIATEUR		
42	PC0248	1	HARNESS ASSEMBLY-POWER SUPPLY	FAISCEAU ALIMENTATION		
43	PC0249	1	HARNESS ASSEMBLY-CHAIN SLACK	FAISCEAU MOU DE CHAINE		
44	PC0272	1	CR30 JUMPER	CAVALIER CR30		
45	PC0405	1	HARNESS ASSEMBLY-STRAIN LINK	FAISCEAU CAPTEUR DE DEFORMATION		
46	SD0682	1	DRILLED ELECTRICAL BOX	BOITIER ELECTRIQUE PERCE		
47	ST1934	2	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
48	ST1935	1	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
49	ST2505	2	ENABLE BOARD BRACKET	EQUERRE CARTE VALIDATION		
50	ST2887	1	BOARDS HOLDER	SUPPORT CARTES		

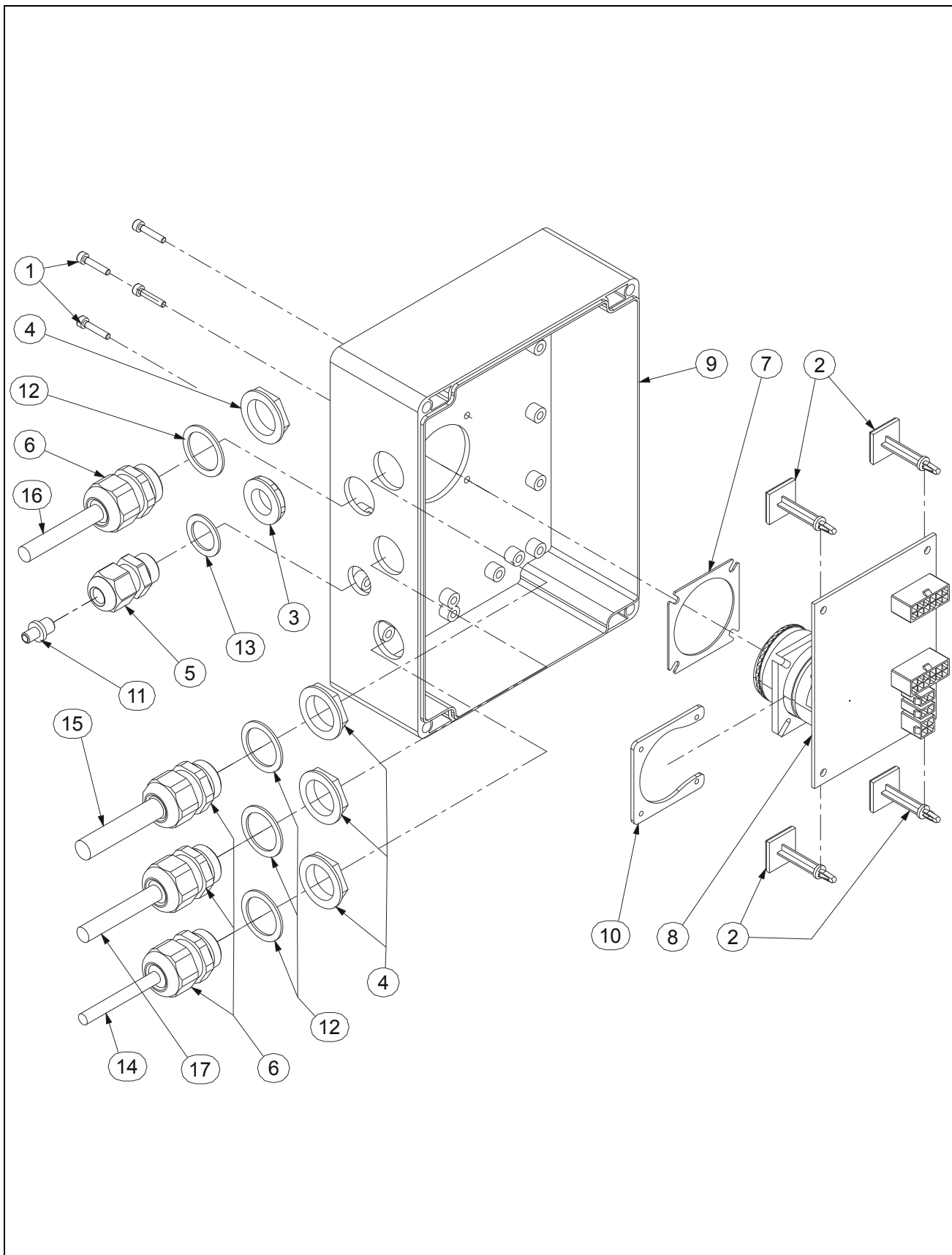
**SECTION 2 ELECTRICAL INSTALL /
INSTALLATION ELECTRIQUE**

FIGURE 2-4-8. S/N #576+578 TO/A 585 & SINCE #612 LCB ASSY / BOITIER BAS (CONTINUED)

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

FIGURE 2-4-9. CHASSIS ELECTRICAL CONNECTION BOX /
ASSEMBLAGE BOITIER CONNEXION CHASSIS



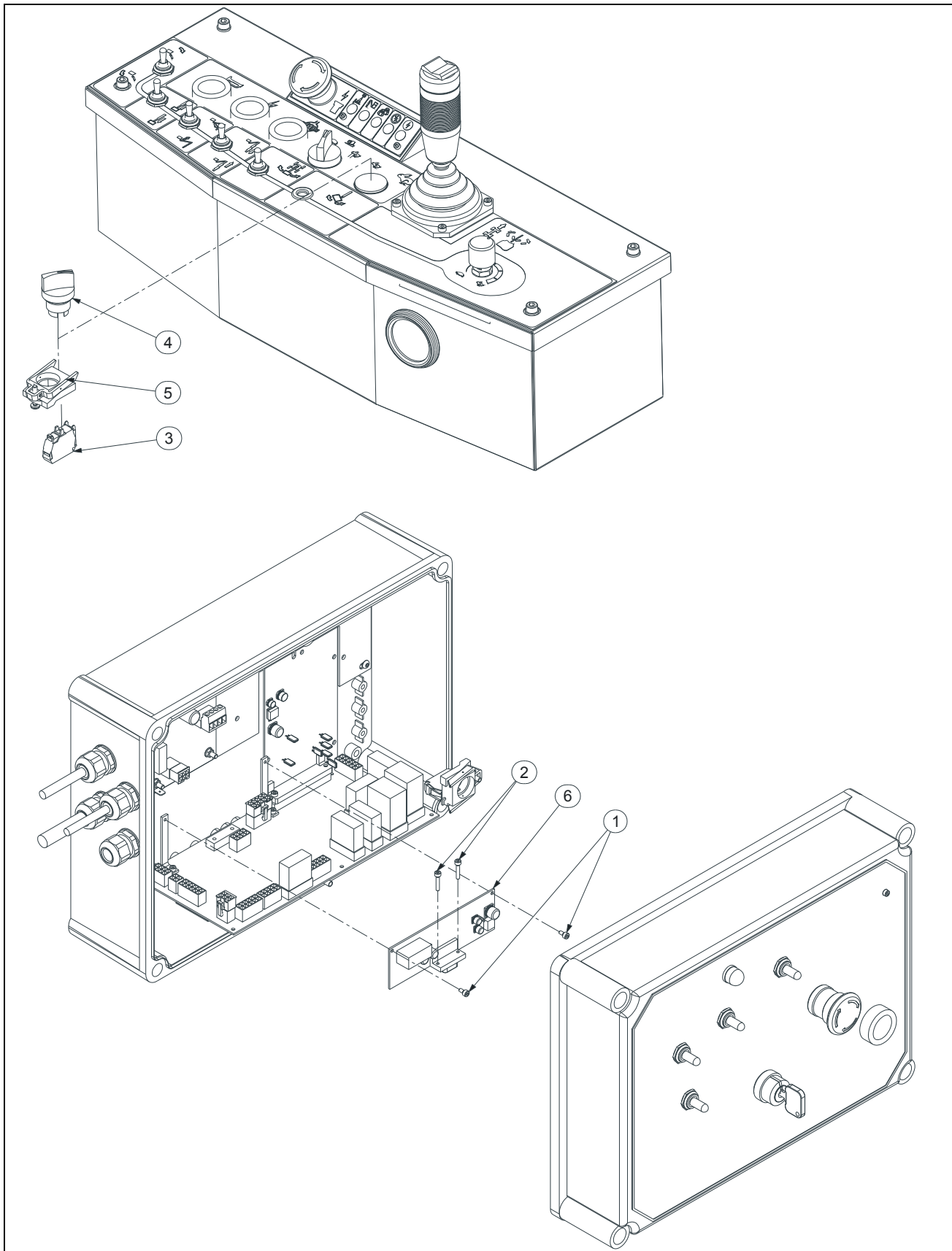
SECTION 2 ELECTRICAL INSTALL / INSTALLATION ELECTRIQUE

**FIGURE 2-4-9. CHASSIS ELECTRICAL CONNECTION BOX / ASSEMBLAGE BOITIER CONNEXION
CHASSIS**

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0547		S/N PRIOR #400 CHASSIS ELECTRICAL CONNECTION BOX	ASSEMB. BOITIER CONNEXIONS CHAS- SIS AVANT N°400		SE0547
	SE0630		S/N SINCE #400 CHASSIS ELECTRICAL CONNECTION BOX	ASSEMB. BOITIER CONNEXIONS CHASSIS DEPUIS N°400	A	SE0630
1	000091	4	M03x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x16 8.8 BI FT		
2	190055	4	ADHESIVE BRACKET SUPPORT	ENTRETOISE SUPPORT CARTE		
3	210009	1	GLAND N°9 NUT	ECROU DE PRESSE ETOUPE N°9		
4	210011	4	GLAND N°13 NUT	ECROU DE PRESSE ETOUPE N°13		
5	210017	1	GLAND N°9	PRESSE ETOUPE N°9		
6	210019	4	GLAND N°13	PRESSE ETOUPE N°13		
7	260127	1	26 POSITIONS CHASSIS PLUG GASKET	JOINT CONNECTEUR 26 CONTACTS		
8	290034	1	CONNECTION BOARD	CARTE DE DERIVATION		
9	SD0608	1	S/N PRIOR #400 DRILLED ELECTRICAL BOX	BOITIER ELECTRIQUE PERCE AVANT N°400		
9	SD0642	1	S/N SINCE #400 DRILLED ELECTRICAL BOX	BOITIER ELECTRIQUE PERCE DEPUIS N°400	A	
10	ST1934	1	CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		
11	210060	1	N°9 GLAND CAP	BOUCHON DE PRESSE ETOUPE N°9		
12	210057	4	N°13 GLAND SEAL	JOINT DE PRESSE ETOUPE N°13		
13	210063	1	N°9 GLAND SEAL	JOINT DE PRESSE ETOUPE N°9		
14	PC0241	1	HARNESS ASSEMBLY-DRIVE FUNCTIONS	FAISCEAU TRANSLATION		
15	PC0242	1	HARNESS ASSY-FUNCTION MANIFOLD	FAISCEAU BLOC FONCTIONS		
16	PC0243	1	HARNESS ASSY-STEERING MANIFOLD	FAISCEAU DIRECTION		
17	PC0244	1	HARNESS ASSEMBLY-TILT SENSOR	FAISCEAU DETECTEUR DE DEVERS		

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FIGURE 2-4-10. POWER PLUS CONTROL COMPONENTS /
COMPOSANTS COMMANDE POWER PLUS



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FIGURE 2-4-10. POWER PLUS CONTROL COMPONENTS / COMPOSANTS COMMANDE POWER PLUS

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION	REV	INFORMATION
			POWER PLUS CONTROL COMPONENTS		COMPOSANTS COMMANDE POWER PLUS
					SP0934
1	000065	2	M03x06 8.8 SOCKET HEAD MACH SCREW		VIS CHC M03x06 8.8 FT
2	000091	2	M03x16 8.8 SOCKET HEAD MACH SCREW		VIS CHC M03x16 8.8 BI FT
3	240058	1	NO CONTACT BLOCK		CONTACT NO
4	240059	1	2 POSITIONS SELECTOR		SELECTEUR 2 POSITIONS
5	240076	1	CONTACT BLOCK HOLDER		EMBASE CONTACT
6	290032	1	"POWER PLUS" CONTROL BOARD		CARTE DE CONTRÔLE "POWER PLUS"

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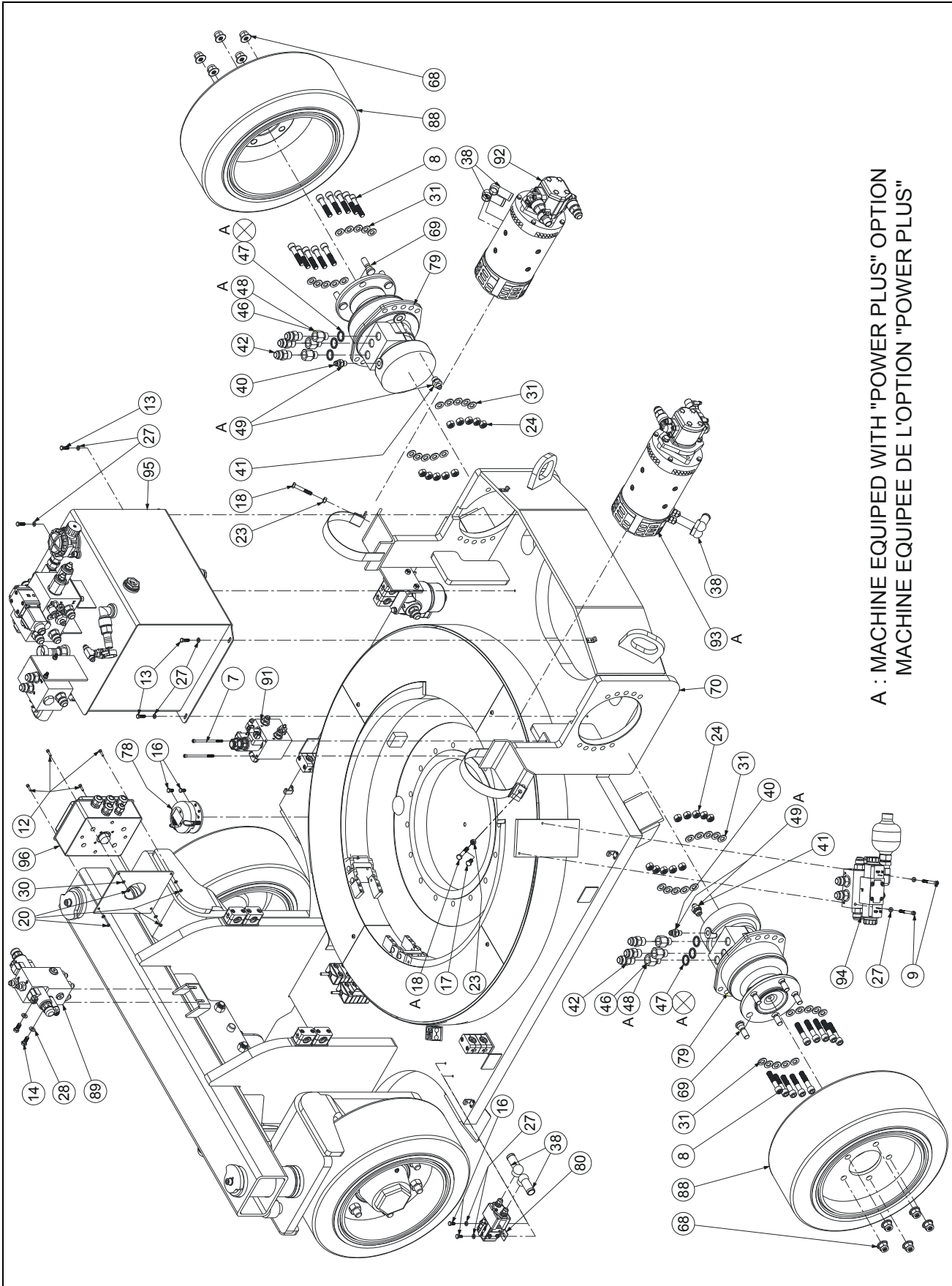
FIGURE 2-4-10. POWER PLUS CONTROL COMPONENTS / COMPOSANTS COMMANDE POWER PLUS

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 3
CHASSIS ASSEMBLY /
ASSEMBLAGE CHASSIS

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

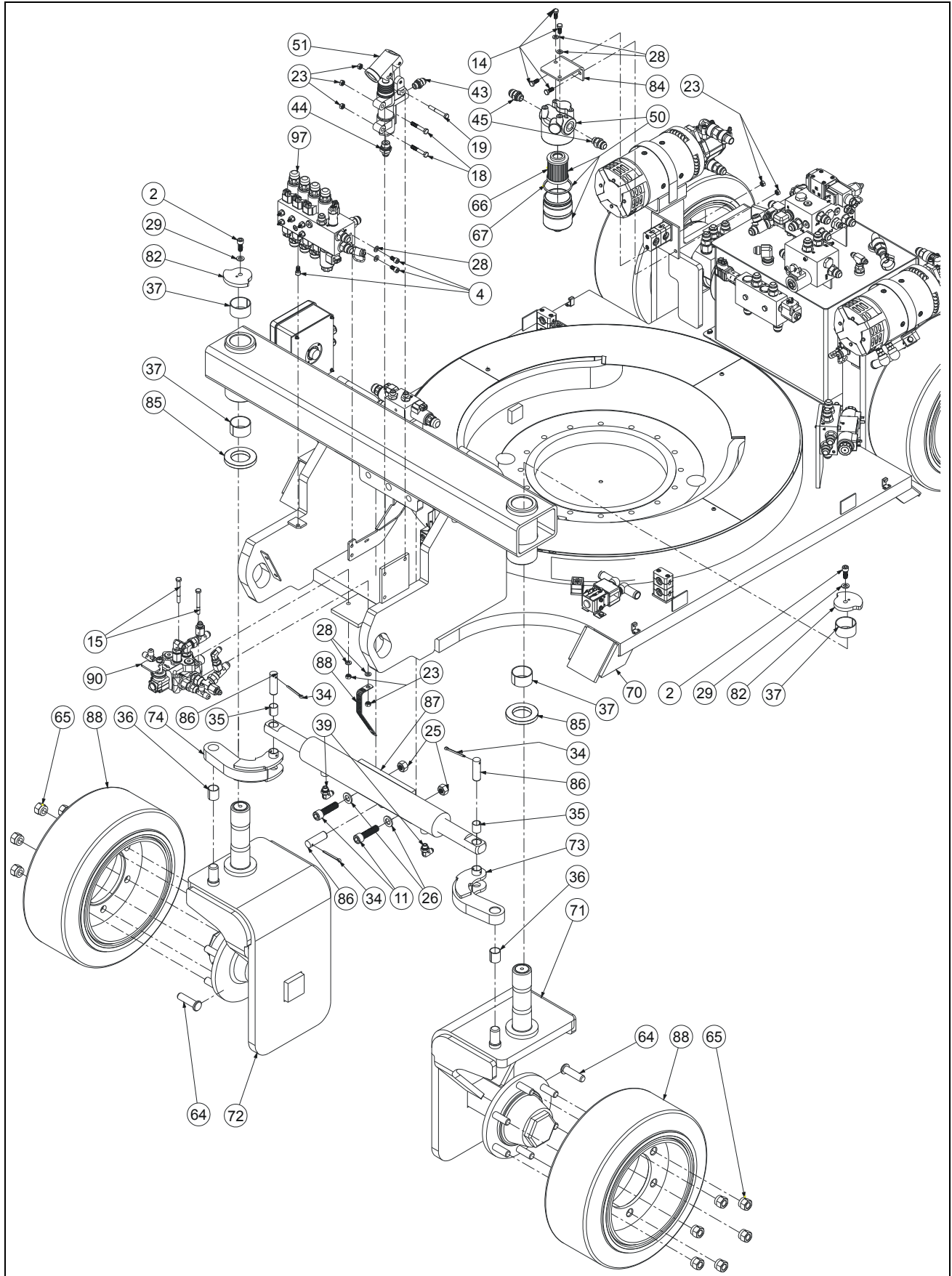
FIGURE 3-1. CHASSIS INSTALL / INSTALLATION CHASSIS



A : MACHINE EQUIPEE WITH "POWER PLUS" OPTION
MACHINE EQUIPEE DE L'OPTION "POWER PLUS"

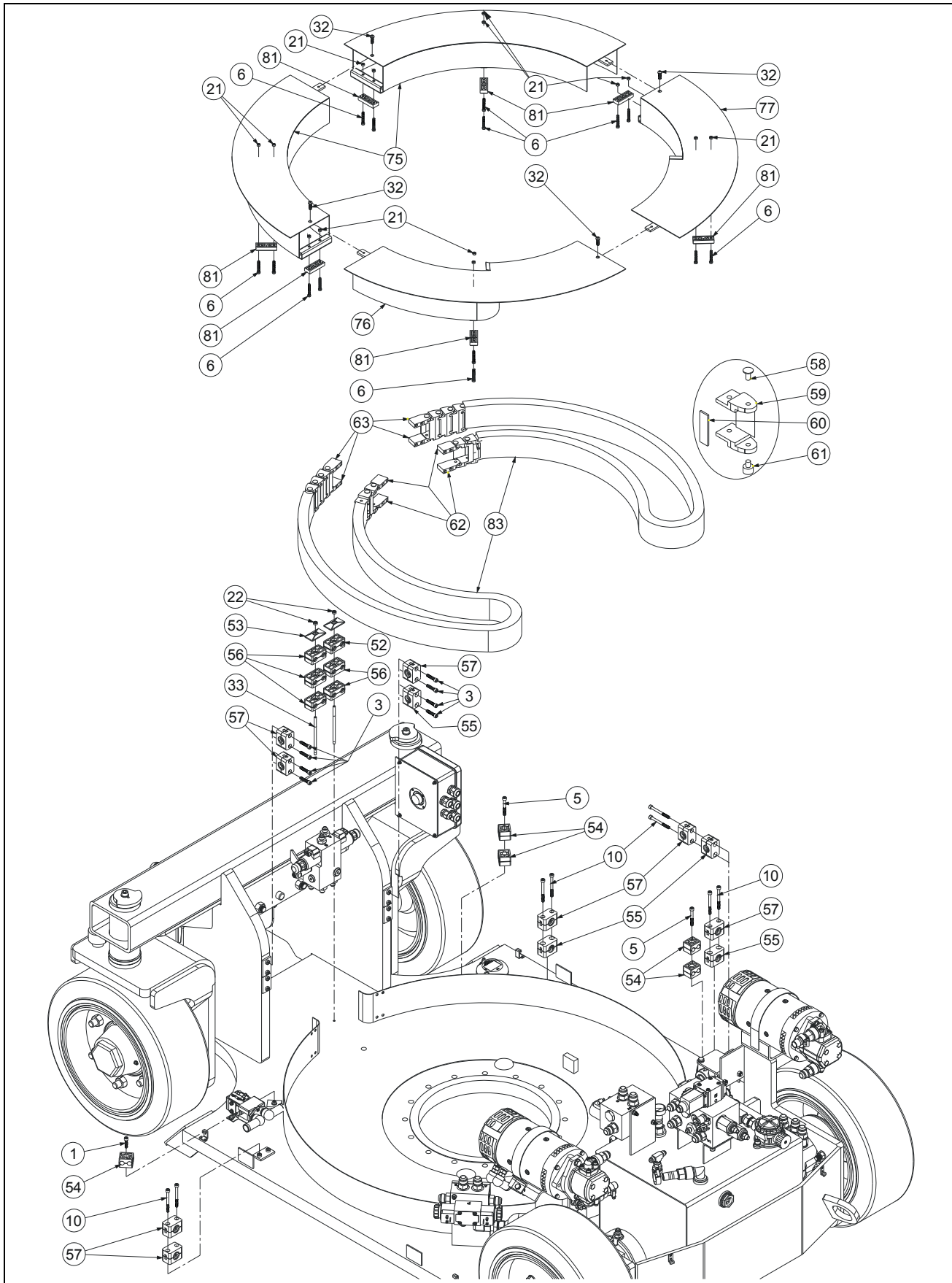
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1. CHASSIS INSTALL / INSTALLATION CHASSIS



SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1. CHASSIS INSTALL / INSTALLATION CHASSIS



SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1. CHASSIS INSTALL / INSTALLATION CHASSIS

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			FRAME INSTALL	INSTALLATION CHASSIS	E	SP1212
1	000008	1	M06x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x25 8.8 BI FT		
2	000013	2	M10x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M10x25 8.8 BI FT		
3	000016	8	M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT		
4	000018	3	M08x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x16 8.8 BI FT		
5	000026	2	M06x50 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x50 8.8 BI FP		
6	000030	14	M05x35 8.8 SOCKET HEAD CAPSCREW	VIS CHC M05x35 8.8 ZI FP		
7	000072	2	M05x90 8.8 SOCKET HEAD CAPSCREW	VIS CHC M05x90 8.8 BI FP		
8	000074	20	M12x60 10.9 SOCKET HEAD CAPSCREW	VIS CHC M12x60 10.9 BI FP		
9	000076	2	M06x60 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x60 8.8 BI FP		
10	000083	8	M06x65 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x65 8.8 BI FP		
11	000084	2	M16x60 8.8 SOCKET HEAD CAPSCREW	VIS CHC M16x60 8.8 BI FP		
12	000085	4	M04x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M04x16 8.8 BI FT		
13	100005	4	M06x20 8.8 HEX HEAD MACHINE SCREW	VIS H M06x20 8.8 BI FT		
14	100019	6	M08x20 8.8 HEX HEAD MACHINE SCREW	VIS H M08x20 8.8 BI FT		
15	100025	2	M08x70 8.8 HEX HEAD CAPSCREW	VIS H M08x70 8.8 BI FP		
16	100027	4	M06x12 8.8 HEX HEAD MACHINE SCREW	VIS H M06x12 8.8 BI FT		
17	100054	1	M08x16 8.8 HEX HEAD MACHINE SCREW	VIS H M08x16 8.8 BI FT		
18	100093	4	M08x45 8.8 HEX HEAD MACHINE SCREW	VIS H M08x45 8.8 BI FT		
19	100140	1	M08x60 8.8 HEX HEAD CAPSCREW	VIS H M08x60 8.8 BI FP		
20	110001	4	M04 GR. 8.8 LOCK NUT	ECROU FREIN M4 8.8 BI		
21	110002	14	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
22	110003	2	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
23	110004	9	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
24	110017	20	M12 GR. 10.9 LOCK NUT	ECROU FREIN H M12 10.9 BI		
25	110020	2	M16 GR. 8.8 LOCK NUT	ECROU FREIN M16		
26	120001	2	M16 WASHER	RONDELLE M16 BI		
27	120009	8	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		
28	120010	8	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
29	120011	2	dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		
30	120024	4	M04 LOCK WASHER	RONDELLE CONTACT M04 BI		
31	120051	40	dDh 12x20x2 WASHER	RONDELLE dDh 12x20x2 BI		
32	130021	4	M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		
33	130043	2	M06x120 GR. 8.8 STUD	GOUJON M06x120 8.8		
34	140009	3	Ø4.5x50 COTTER PIN	GOUPILLE FENDUE Ø4.5x50		
35	150022	2	BUSHING Ø20 H25 DX	BAGUE Ø20 H25 DX		
36	150023	2	BUSHING Ø25 H30 DX	BAGUE Ø25 H30 DX		
37	150037	4	BUSHING Ø50 H30 DX	BAGUE Ø50 H30 DX		
38	250031	6	TERMINAL CAP	CAPUCHON D'ETANCHEITE		
39	300001	2	90° ELBOW MALE BSPP 1/4-MALE JIC 9/16	COUDE 90° Male BSPP 1/4 -Male JIC 9/16		
40	300025	2	FITTING MALE BSPP1/4-MALE JIC9/16	RACCORD MALE BSPP1/4-MALE JIC9/16		

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1. CHASSIS INSTALL / INSTALLATION CHASSIS (CONTINUED)

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
41	300040	2	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
42	300049	6	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
43	300057	1	FITTING MALE BSPP 3/8 - MALE JIC 3/4	RACCORD MALE BSPP 3/8 - MALE JIC 3/4		
44	300063	1	FITTING MALE BSPP1/2 MALE JIC3/4	RACCORD MALE BSPP1/2 MALE JIC3/4		
45	300110	2	FITTING MALE M18x150-MALE JIC7/8	RACCORD MALE M18x150-MALE JIC3/4		
46	300133	6	FITTING MALE/FEMALE BSPP1/2	RACCORD MALE/FEMELLE BSPP1/2		
47	300134	6	RING BS 25.58x21.54x2.34	BAGUE BS 25.58x21.54x2.34		
48	300148	6	FITTING MALE 7/8"-14UNF-FEM BSP 1/2"	RACCORD MALE 7/8"-14UNF-FEM BSP 1/2"		
49	300149	4	FITTING MALE 9/16"-14UNF-MALE 9/16" JIC	RACCORD MALE 9/16"-14UNF-M 9/16" JIC		
50	310064	1	COMPLETE PRESSURE FILTER	FILTRE DE PRESSION COMPLET		
51	320066	1	HAND PUMP	POMPE A MAIN		
52	400011	1	PAIR 1/2 SHELL Ø15-15	PAIRE DEMI COQUILLE Ø15-15		
53	400014	2	PLATE FOR DOUBLE CLAMP T2	PLAQUE SUPPORT COLLIER DOUBLE T2		
54	400018	5	PAIR 1/2 SHELL Ø12-12	PAIRE DEMI COQUILLE Ø12-12		
55	400028	4	PAIR 1/2 SHELL D21	PAIRE DEMI COQUILLE D21		
56	400033	5	PAIR 1/2 SHELL D12.7	PAIRE DEMI COQUILLE D12.7		
57	400056	8	PAIR 1/2 SHELL D23	PAIRE DEMI COQUILLE D23		
58	920045	x	PG305 POWER BRIDGE PIN	AXE CHAINE PORTE-CABLE PG305		
59	920054	x	SLEWING POWER BRIDGE LINK	MAILLON CHAINE PORTE CBL CIRCUL.		
60	920055	x	SLEWING POWER BRIDGE COVER	CAPOT CHAINE PORTE CBL CIRCULAIRE		
61	920056	x	SLEWING POWER BRIDGE PIN	AXE CHAINE PORTE CABLES CIRCULAIRE		
62	920057	1	SLEWING P B MALE ATTACHMENT KIT	KIT ATTACHE MALE C P CBL CIRCULAIRE		
63	920058	1	SLEWING P B FEMALE ATTACHMENT KIT	KIT ATTACHE FEMELLE C P CBL CIRCUL.		
64	920061	x	STUD 18x150 50/40	GOUJON D18x150 50/40		
65	920065	12	M18x150 NUT	ECROU H M18x150		
66	930130	1	FILTER CARTRIDGE	CARTOUCHE DE FILTRE		
67	930131	1	O RING AND BACKUP RING	JOINT TORIQUE ET BANDE ANTI-EXTRU-SION		
68	932017	2	5 NUTS KIT (INCLUDED IN MOTOR)	JEU DE 5 ECROUS (inclus dans moteur)		
69	932018	2	5 STUDS KIT (INCLUDED IN MOTOR)	JEU DE 5 GOUJONS (inclus dans moteur)		
70	DL0613	1	FRAME WELDMENT	STRUCTURE DU CHASSIS		
71	DL0614	1	LEFT STEERING KNUCKLE WELDMENT	EQUERRE DE DIRECTION GAUCHE		
72	DL0615	1	RIGHT STEERING KNUCKLE WELDMENT	EQUERRE DE DIRECTION DROITE		
73	DL0616	1	LEFT STEERING ARM	BIELLETTE GAUCHE DE DIRECTION		
74	DL0617	1	RIGHT STEERING ARM	BIELLETTE DROITE DE DIRECTION		
75	DL0621	2	SLEWING POWER BRIDGE GUIDE	GUIDE CHAINE CIRCULAIRE		
76	DL0622	1	SLEWING POWER BRIDGE GUIDE	GUIDE CHAINE CIRCULAIRE		
77	DL0623	1	SLEWING POWER BRIDGE GUIDE	GUIDE CHAINE CIRCULAIRE		
78	260319	1	2° TILT SENSOR	DETECTEUR DE DEVERS 2°	E	
79		1	DRIVING MOTORS	MOTEURS DE ROUE		RM0083

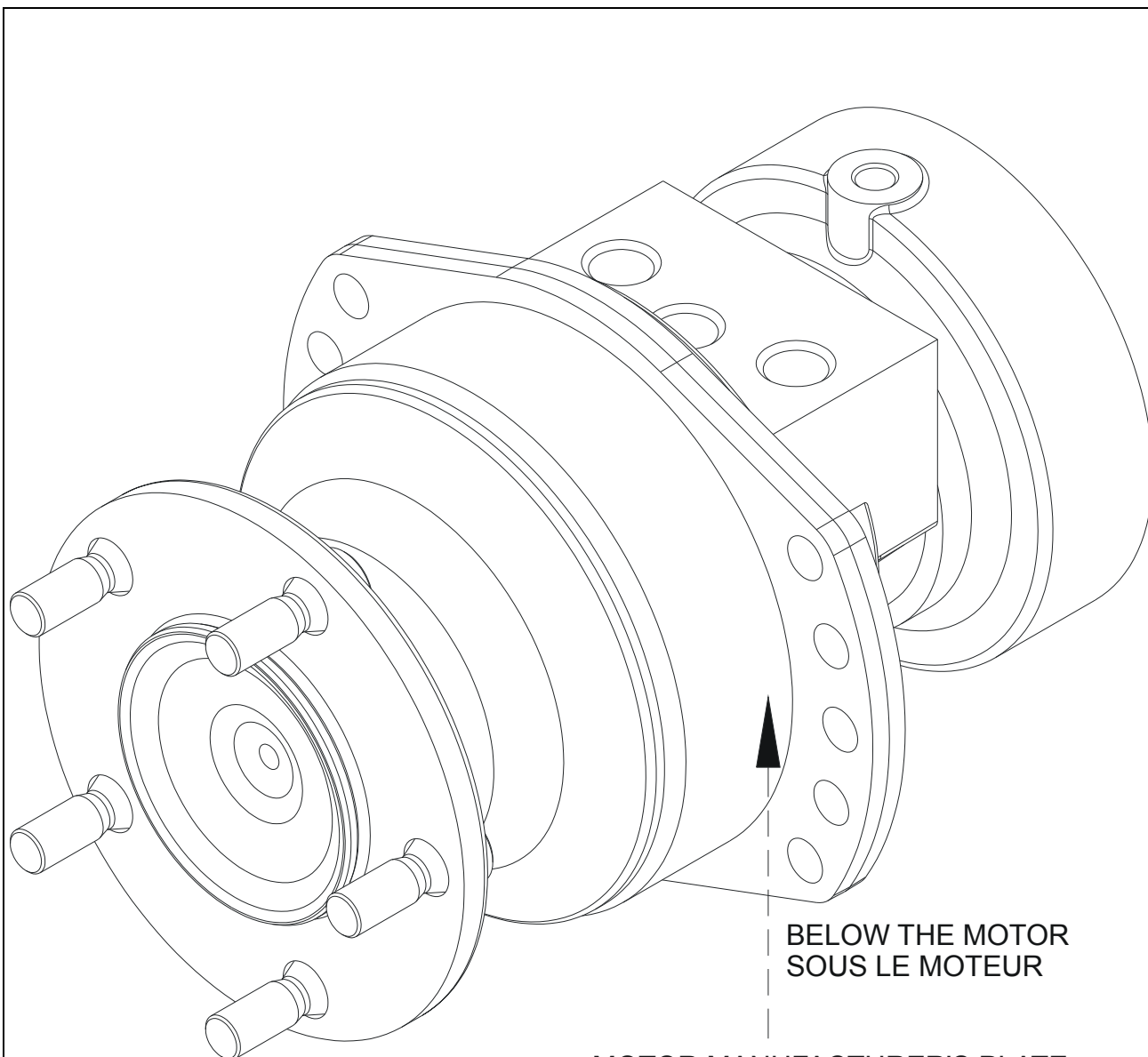
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1. CHASSIS INSTALL / INSTALLATION CHASSIS (CONTINUED)

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
80	SE1003	1	POWER RELAY	RELAIS DE PUISSANCE		
81	ST1777	7	SLIDING BLOC	PATIN DE FROTTEMENT		
82	ST1877	2	STEERING CAM	CAME DE DIRECTION		
83	ST2446	2	POWER BRIDGE	CHAINE PORTE CABLES		
84	ST2734	1	FILTER BRACKET	EQUERRE FILTRE		
85	US0126	2	THRUST WASHER	RONDELLE D'USURE		
86	US0464	3	STEERING CYLINDER PIN	AXE VERIN DE DIRECTION		
87		1	STEERING CYLINDER	VERIN DE DIRECTION		APPENDIX A
88		1	WHEEL ASSEMBLY	ASSEMBLAGE ROUES		APPENDIX B
89	SE0527	1	STEERING MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC DIRECTION		SE0527
90		1	S/N PRIOR #645 - RELEASE VALVE ASSEMBLY	ASSEMBLAGE DISTRIBUTEUR DEBRAYAGE AVANT N°#645	E	SP1301
90	SE0741	1	S/N SINCE #645 - RELEASE VALVE ASSEMBLY	ASSEMBLAGE DISTRIBUTEUR DEBRAYAGE DEPUIS N°#645	E	SE0741
91	SE0748	1	BRAKE MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC FREINAGE		SE0748
92		1	S/N PRIOR #374 - 8cc/rev POWER UNIT ASSEMBLY	ASSEMBLAGE CENTRALE 8cm ³ /tr AVANT N°#374	E	SP0722
92		1	S/N SINCE #374 - 5.2cc POWER UNIT ASSEMBLY	ASSEMBLAGE CENTRALE 5.2 cm ³ /tr DEPUIS N°#374	E	SP0826
93		1	S/N PRIOR #374 - 5.5cc/rev POWER UNIT ASSEMBLY	ASSEMBLAGE CENTRALE 5.5cm ³ /tr AVANT N°#374	E	SP0723
93		1	S/N SINCE #374 - 3.5cc POWER UNIT ASSEMBLY	ASSEMBLAGE CENTRALE 3.5 cm ³ /tr DEPUIS N°#374	E	SP0827
94		1	DRIVE MANIFOLD INSTALL	INSTALLATION BLOC TRANSLATION		SP1206
95		1	RESERVOIR ASSEMBLY	ASSEMBLAGE RESERVOIR		SP1213
96	SE0547	1	S/N PRIOR #400 CHASSIS CONNECTION BOX	BOITIER CONNEXIONS CHASSIS AVANT N°400	E	SE0547
96	SE0630	1	S/N SINCE #400 CHASSIS CONNECTION BOX	BOITIER CONNEXIONS CHASSIS DEPUIS N°400	E	SE0630
97	SE0525	1	S/N PRIOR #299 FUNCTIONS MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC FONCTIONS AVANT N°#299	E	SE0525
97	SE0570	1	S/N SINCE #299 FUNCTIONS MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC FONCTIONS DEPUIS N°#299	E	SE0570

**SECTION 3 CHASSIS ASSEMBLY /
ASSEMBLAGE CHASSIS**

FIGURE 3-1-1. DRIVING MOTORS / MOTEURS DE ROUE



BELOW THE MOTOR
SOUS LE MOTEUR

MOTOR MANUFACTURER'S PLATE
PLAQUE CONSTRUCTEUR MOTEUR

T1210 & T812

T1210 & T1310

MARKING / MARQUAGE	DET / N°
MSE02-A-FE3-F03-1120-DJ-00 MSE02-A-FE3-F03-1120-Y3DJ	1
MSE02-A-JE3-F03-1120-DJ-00 MSE02-A-JE3-F03-1120-Y3DJ	2
MSE02-2-DE3-F03-1120-DJ-00	3
MSE02-2-GE3-F03-1120-DJ-00	4
MSE03-2-DEA-F03-1120-DHJ0	5
MSE03-2-GEA-F03-1120-DHJ0	6

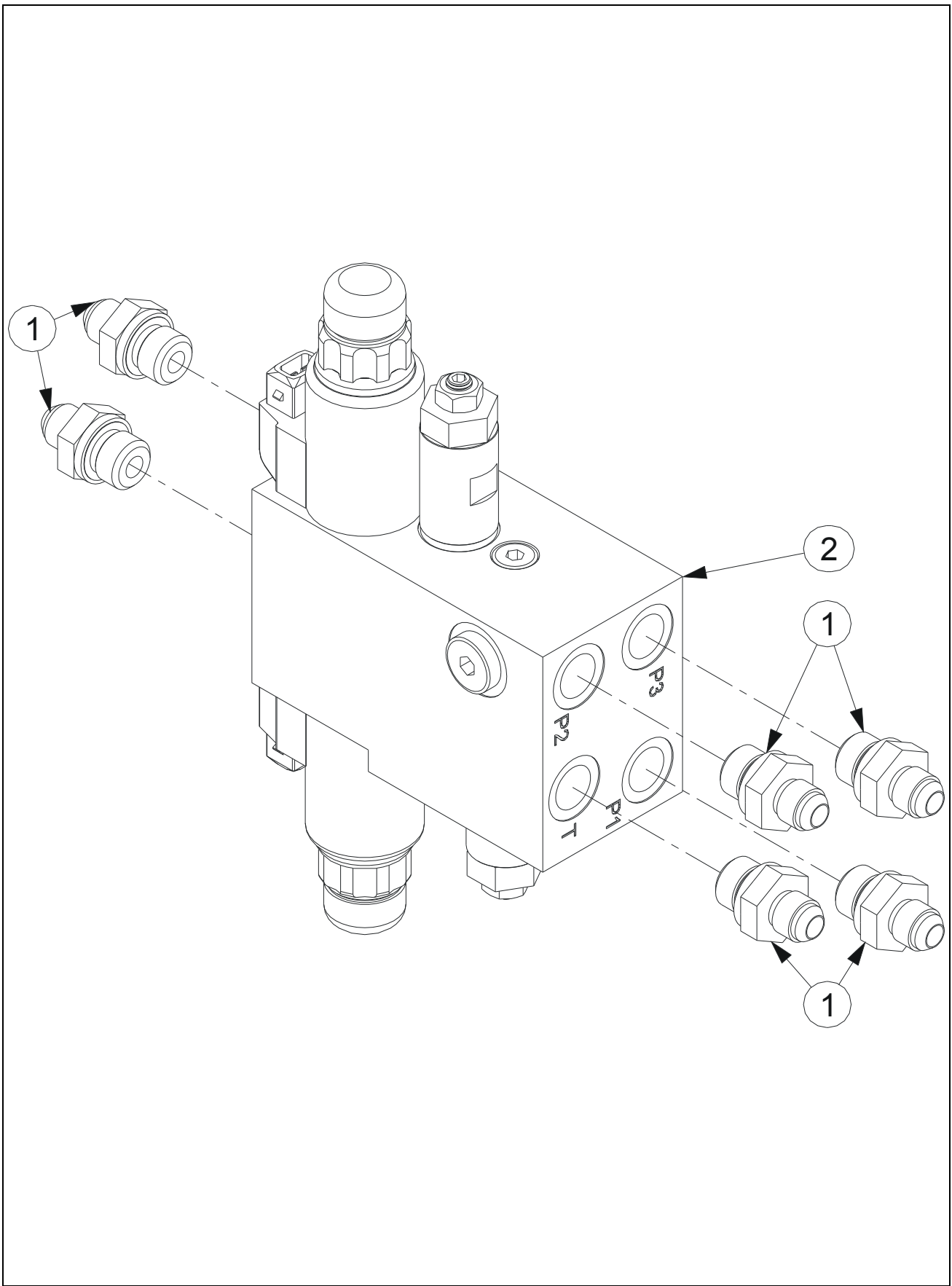
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-1. DRIVING MOTORS / MOTEURS DE ROUE

DET REP	PART NUMBER REF.	QTY	DESCRIPTION	REV	INFORMATION
			DRIVING MOTORS		RM0083
1	320068	1	RIGHT DRIVE MOTOR MSE02 332/133		
2	320069	1	LEFT DRIVE MOTOR MSE02 332/133		
3	320056	1	RIGHT DRIVE MOTOR MSE02 398/199		
4	320057	1	LEFT DRIVE MOTOR MSE02 398/199		
5	320058	1	RIGHT DRIVE MOTOR MSE03 500/250		
6	320059	1	LEFT DRIVE MOTOR MSE03 500/250		
			MOTEURS DE ROUE		
			MOTEUR ROUE DROITE MSE02 332/133		
			MOTEUR ROUE GAUCHE MSE02 332/133		
			MOTEUR ROUE DROITE MSE02 398/199		
			MOTEUR ROUE GAUCHE MSE02 398/199		
			MOTEUR ROUE DROITE MSE03 500/250		
			MOTEUR ROUE GAUCHE MSE03 500/250		

**SECTION 3 CHASSIS ASSEMBLY /
ASSEMBLAGE CHASSIS**

FIGURE 3-1-2. STEERING MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC DIRECTION



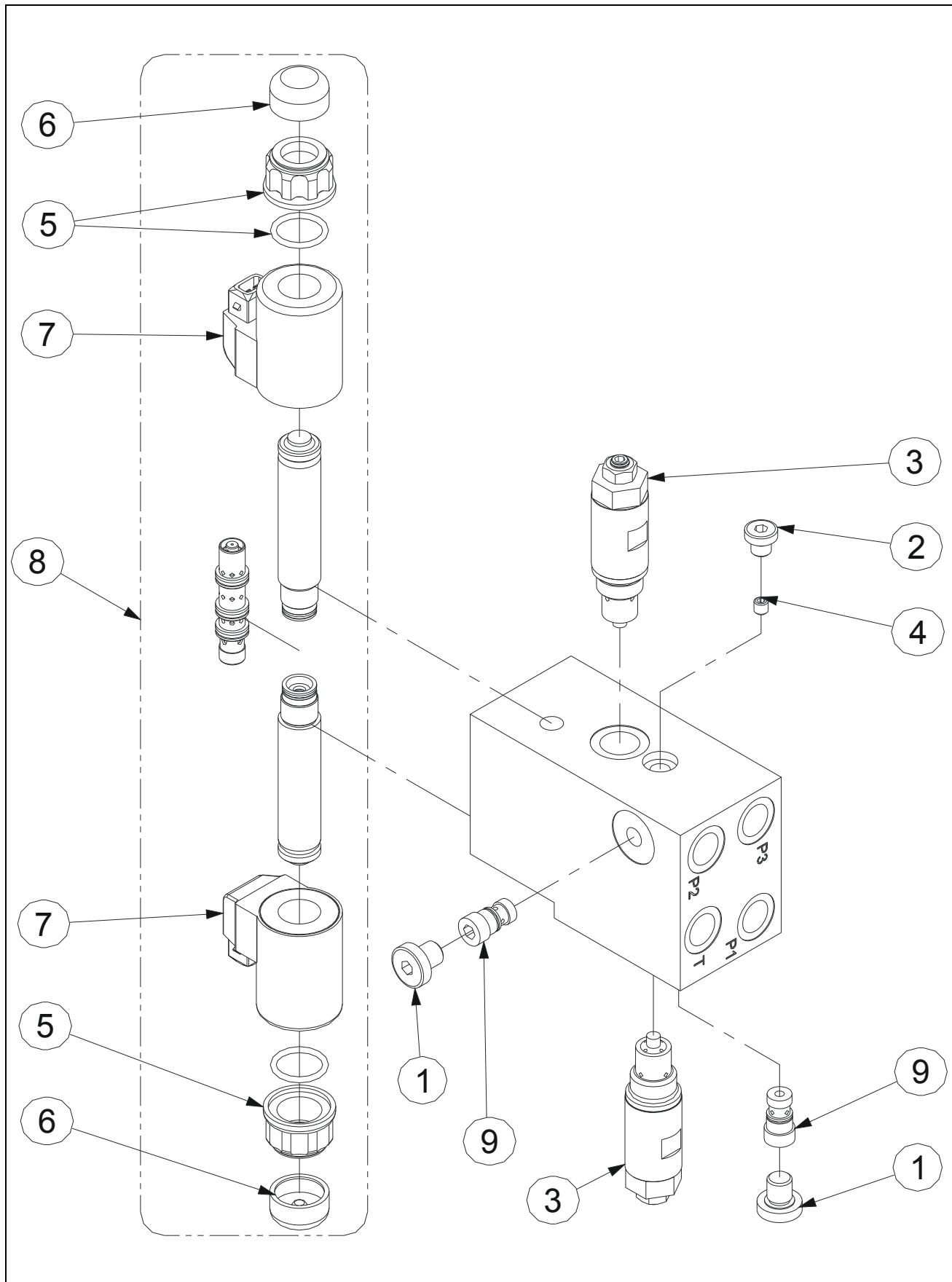
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-2. STEERING MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC DIRECTION

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0527		STEERING MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC DIRECTION		SE0527
1	300040	6	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
2	520081	1	STEERING MANIFOLD	BLOC DE DIRECTION		520081

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-2-1. STEERING MANIFOLD / BLOC DE DIRECTION



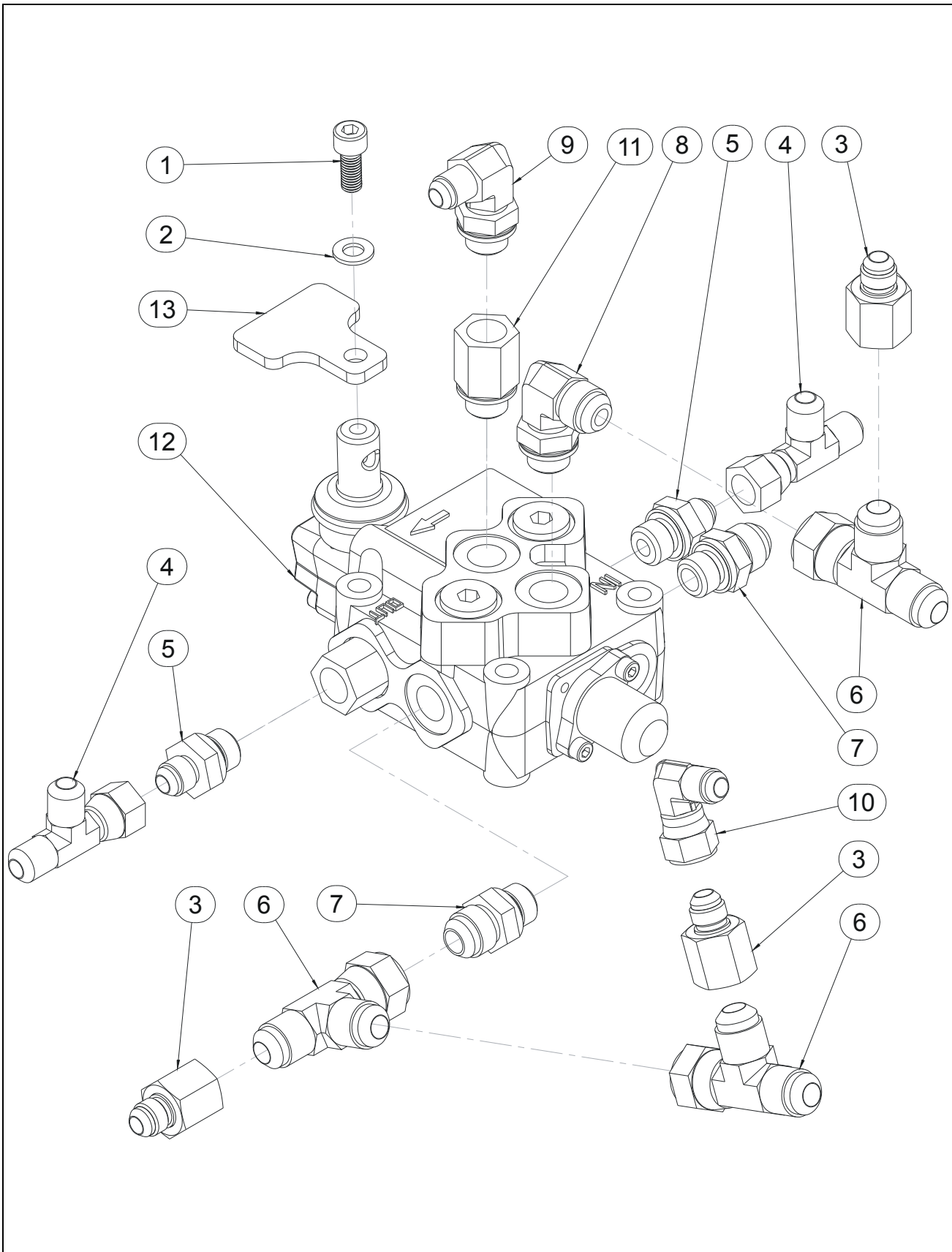
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-2-1. STEERING MANIFOLD / BLOC DE DIRECTION

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	520081		STEERING MANIFOLD	BLOC DE DIRECTION		520081
1	300034	2	CAP MALE BSPP 1/4"	BOUCHON MALE BSPP 1/4"		
2	300163	1	PLUG BSPP 1/8	BOUCHON BSPP 1/8		
3	950089	2	PRESSURE RELIEF VALVE DB04E 250V	LIMITEUR DE PRESSION DB4E 250V		
4	950098	1	JET M06 Ø 1	GICLEUR M06 Ø 1		
5	950112	2	M18x1.5 NUT	ECROU M18x1.5		
6	950113	2	CAP	COIFFE		
7	952031	2	24 VDC COIL	BOBINE 24V		
8	952043	1	COMPLETE SPOOL KIT	KIT TIROIR COMPLET		
9	952067	2	SHUTTLE VALVE WVE-R1/4-010	SELECTEUR DE CIRCUIT WVE-R1/4-010		

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-3. S/N PRIOR/AVANT #645 RELEASE VALVE ASSEMBLY / ASSEMBLAGE DISTRIBUTEUR DE DEBRAYAGE



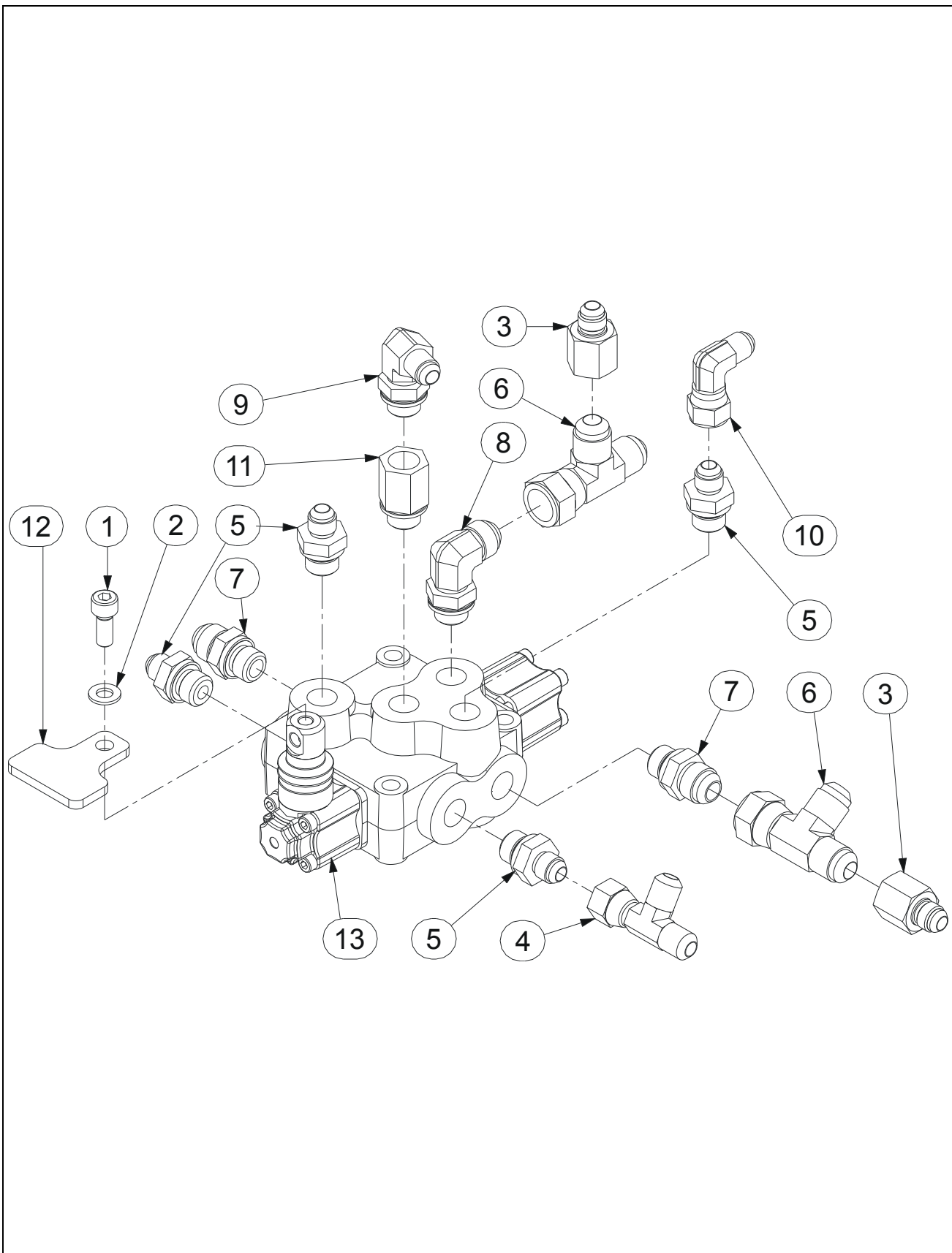
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-3. S/N PRIOR/AVANT #645 RELEASE VALVE ASSEMBLY / ASSEMBLAGE DISTRIBUTEUR DE DEBRAYAGE

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			RELEASE VALVE ASSEMBLY	ASSEMBLAGE DISTRIBUTEUR DEBRAYAGE	B	SP1301
1	000006	1	M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT		
2	120010	1	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
3	300024	3	ADAPTER FEMALE JIC3/4-MALE JIC9/16	REDUCT. FEMELLE JIC3/4-MALE JIC9/16		
4	300037	2	RUN TEE JIC 9/16 SWIVEL NUT	TE MALE JIC9/16-FEMELLE JIC9/16 TOUR.		
5	300040	2	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
6	300056	3	RUN TEE JIC 3/4 SWIVEL NUT	TE Male JIC3/4-Fem JIC3/4 TOUR. LAT.		
7	300057	2	FITTING MALE BSPP 3/8 - MALE JIC 3/4	RACCORD MALE BSPP 3/8 - MALE JIC 3/4		
8	300058	1	90° ELBOW MALE BSPP 3/8 - MALE JIC 3/4	COUDE MALE BSPP 3/8 - MALE JIC 3/4		
9	300061	1	90° ELBOW MALE BSPP 3/8-MALE JIC 9/16	COUDE 90° MALE BSPP3/8-MALE JIC9/16		
10	300067	1	90° ELBOW M JIC9/16 F JIC9/16 SWIVEL	COUDE Male JIC9/16 Fem JIC9/16 Tour-nant		
11	310068	1	Ø3.2 JET	GICLEUR Ø3.2		
12	320065	1	RELEASE VALVE	DISTRIBUTEUR DE DEBRAYAGE	B	
13	ST2616	1	HAND LEVER	LEVIER		

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-4. S/N SINCE/DEPUIS #645 RELEASE VALVE ASSEMBLY / ASSEMBLAGE DISTRIBUTEUR DE DEBRAYAGE



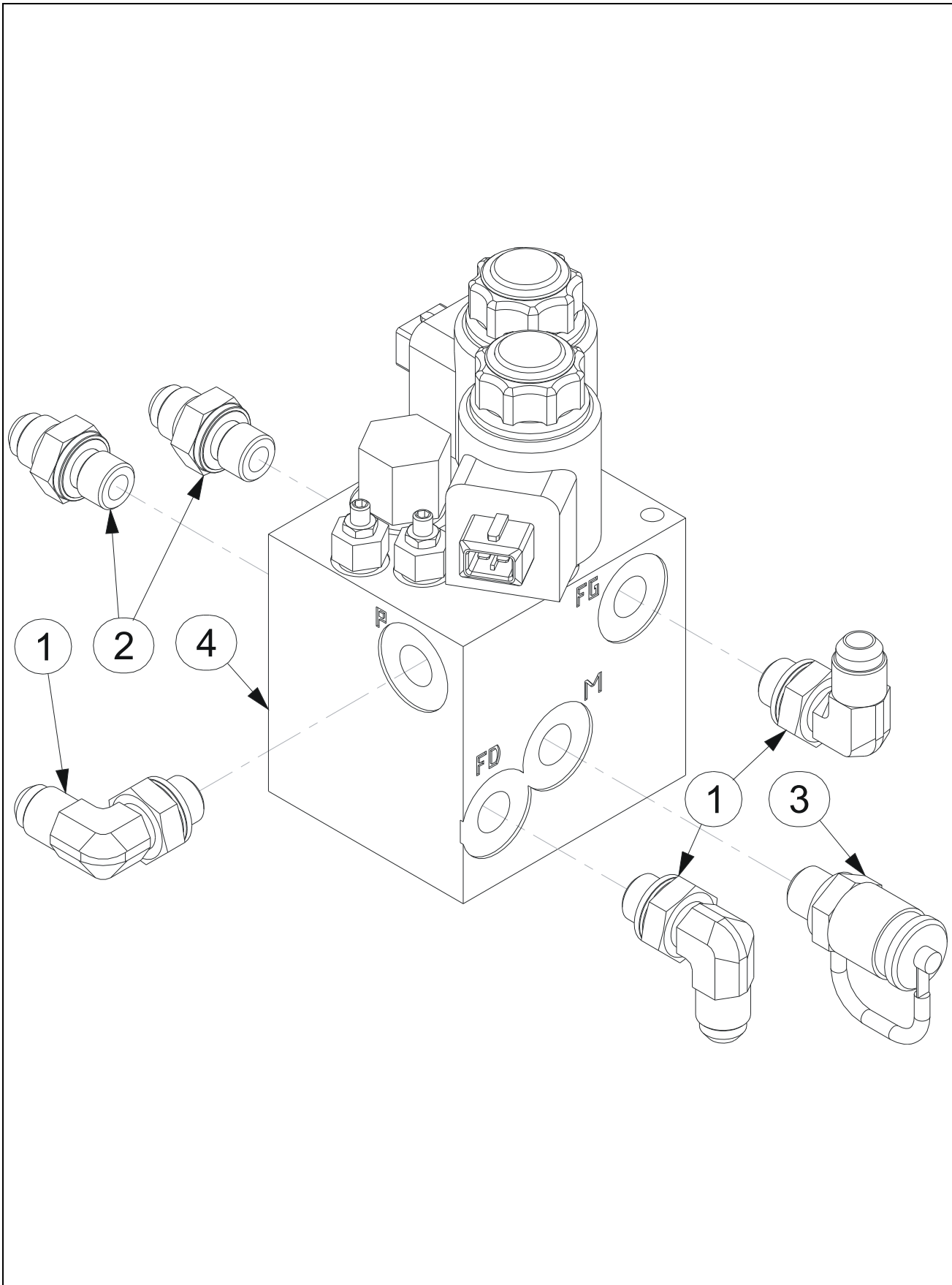
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-4. S/N SINCE/DEPUIS #645 RELEASE VALVE ASSEMBLY / ASSEMBLAGE DISTRIBUTEUR DE DEBRAYAGE

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0741		RELEASE VALVE ASSEMBLY	ASSEMBLAGE DISTRIBUTEUR DEBRAYAGE		SE0741
1	000006	1	M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT		
2	120010	1	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
3	300024	2	ADAPTER FEMALE JIC3/4-MALE JIC9/16	REDUCT. FEMELLE JIC3/4-MALE JIC9/16		
4	300037	1	RUN TEE JIC 9/16 SWIVEL NUT	TE MALE JIC9/16-FEMELLE JIC9/16 TOUR.		
5	300040	4	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
6	300056	2	RUN TEE JIC 3/4 SWIVEL NUT	TE Male JIC3/4-Fem JIC3/4 TOUR. LAT.		
7	300057	2	FITTING MALE BSPP 3/8 - MALE JIC 3/4	RACCORD MALE BSPP 3/8 - MALE JIC 3/4		
8	300058	1	90° ELBOW MALE BSPP 3/8 - MALE JIC 3/4	COUDE MALE BSPP 3/8 - MALE JIC 3/4		
9	300061	1	90° ELBOW MALE BSPP 3/8-MALE JIC 9/16	COUDE 90° MALE BSPP3/8-MALE JIC9/16		
10	300067	1	90° ELBOW M JIC9/16 F JIC9/16 SWIVEL	COUDE Male JIC9/16 Fem JIC9/16 Tour-nant		
11	310068	1	Ø3.2 JET	GICLEUR Ø3.2		
12	ST2616	1	HAND LEVER	LEVIER		
13	320065	1	RELEASE VALVE	DISTRIBUTEUR DE DEBRAYAGE		

**SECTION 3 CHASSIS ASSEMBLY /
ASSEMBLAGE CHASSIS**

FIGURE 3-1-5. BRAKE MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC DE FREINAGE



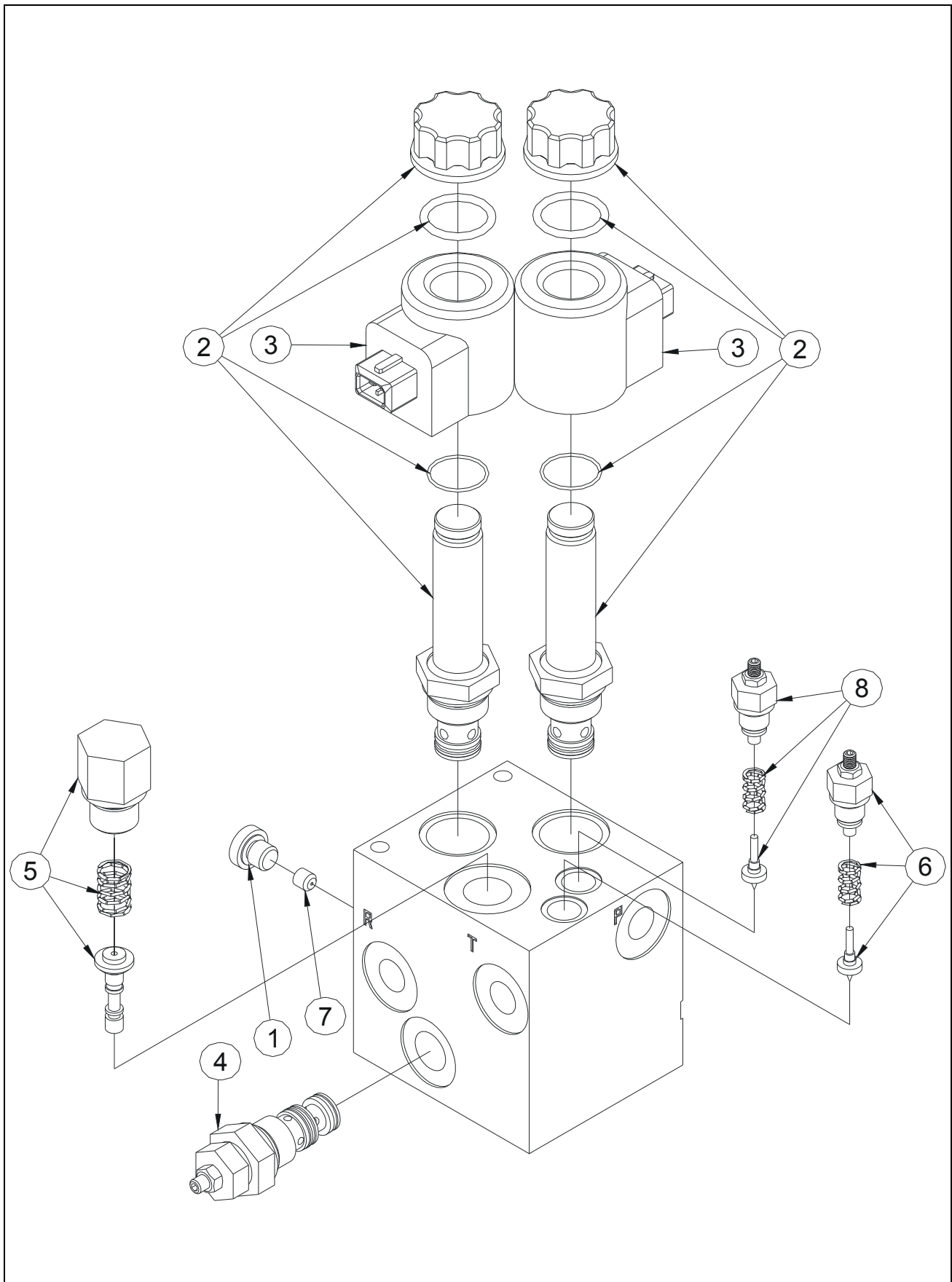
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-5. BRAKE MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC DE FREINAGE

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0748		BRAKE MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC FREINAGE		SE0748
1	300001	3	90° ELBOW MALE BSPP 1/4-MALE JIC 9/ 16	COUDE 90° Male BSPP 1/4 -Male JIC 9/16		
2	300025	2	FITTING MALE BSPP1/4-MALE JIC9/16	RACCORD MALE BSPP1/4-MALE JIC9/16		
3	300101	1	PRESSURE TEST PLUG BSPP1/4	PRISE DE PRESSION BSPP1/4		
4	520090	1	BRAKE MANIFOLD	BLOC FREINAGE		520090

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-5-1.BRAKE MANIFOLD / BLOC DE FREINAGE



SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-5-1. BRAKE MANIFOLD / BLOC DE FREINAGE

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	520090		BRAKE MANIFOLD	BLOC FREINAGE	A	520090
1	300163	1	PLUG BSPP 1/8	BOUCHON BSPP 1/8		
2	952017	2	2/2 CONTROL VALVE WITH CHECK VALVE	DISTRIBUTEUR A CLAPET 2/2		
3	952018	2	24 VDC COIL	BOBINE 24V		
4	952019	1	HYDRAULICALLY PILOTED VALVE	VALVE A PILOTAGE HYDRAULIQUE		
5	952020	1	PRESSURE REDUCER KIT	KIT REDUCTEUR DE PRESSION		
6	952024	1	PRESSURE RELIEF VALVE 0-50 BAR	REGULATEUR DE PRESSION 0-50 BAR		
7	952025	1	M6 Ø 0.5 JET	GICLEUR M6 Ø 0.5		
8	952028	1	PRESSURE RELIEF VALVE 0 - 250 BAR	LIMITEUR DE PRESSION 0 - 250 BAR		

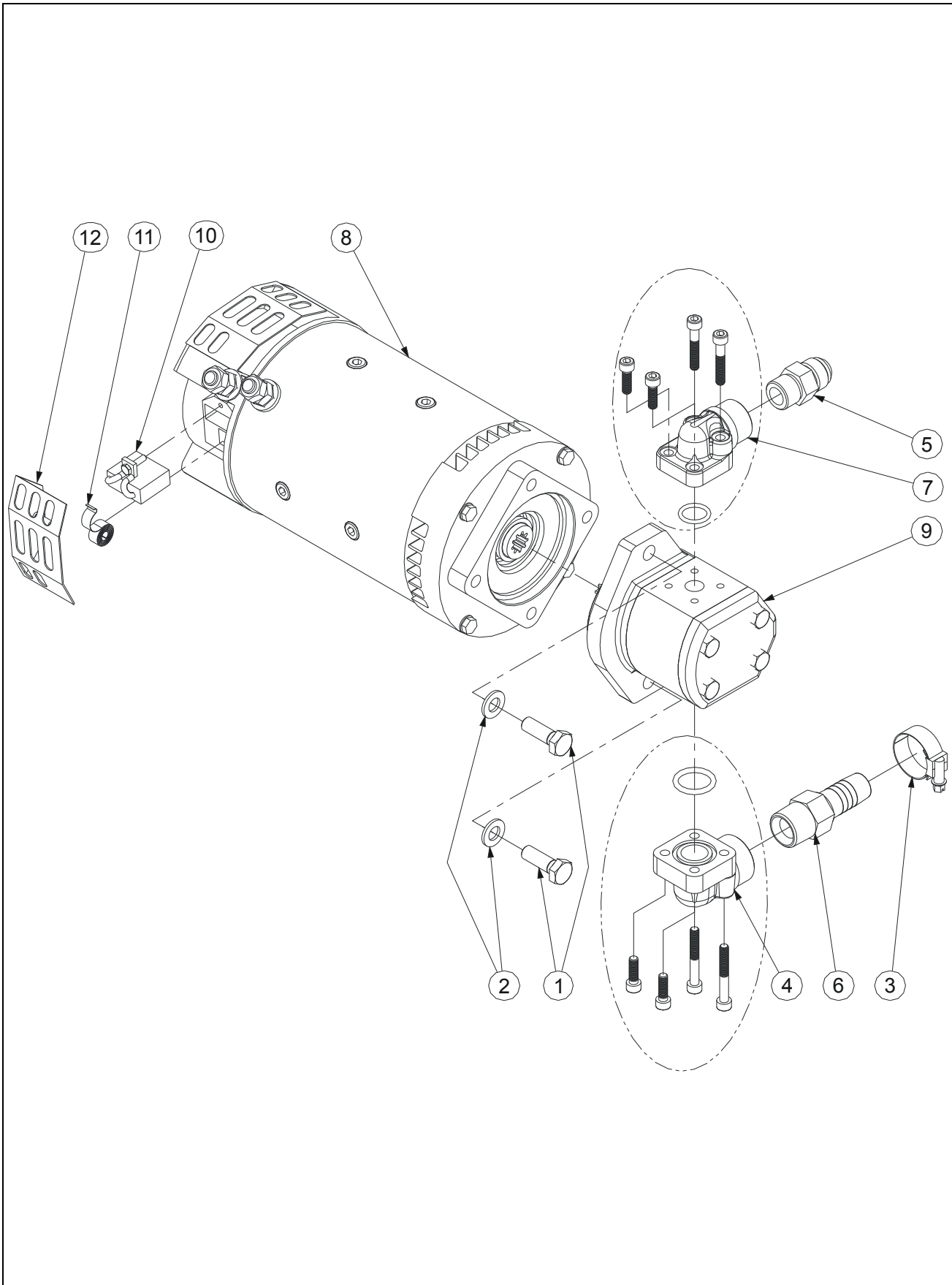
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-6. 8CC POWER UNIT ASSEMBLY / ASSEMBLAGE CENTRALE 8CM³/TR

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			8cc/rev POWER UNIT ASSEMBLY	ASSEMBLAGE CENTRALE 8cm³/tr	A	SP0722
1	190073	1	CLAMP Ø25-40	COLLIER Ø25-40		
2	300046	1	PUMP FLANGE Ø40 BSPP 3/4	BRIDE POMPE Ø40 BSPP 3/4		
3	300049	1	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
4	300078	1	FITTING Male BSPP3/4-Male Ø19 GROOVE	RACCORD Male BSPP3/4-Ø19 CANNELE		
5	300109	1	PUMP FLANGE Ø35 BSPP 1/2	BRIDE POMPE Ø35 BSPP 1/2		
6	520013	1	8cc/rev POWER UNIT	CENTRALE 8cm ³ /tr		
7	940013	1	DC MOTOR	MOTEUR A COURANT CONTINU	A	
8	900060	1	8 cc/rev PUMP	POMPE 8 cm ³ /tr	A	
9	900005	1	BRUSH KIT (QUANTITY : 4)	JEU DE 4 BALAIS	A	
10	940032	1	SPRING KIT (QUANTITY : 4)	JEU DE 4 RESSORTS	A	
11	940010	1	COUPLING	ACCOUPLLEMENT DE POMPE	A	
12	900045	1	O-RING	JOINT TORIQUE CENTRAL POMPE	A	
13	900021	1	SEAL KIT	KIT DE JOINTS	A	

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FIGURE 3-1-7. 5.2cc POWER UNIT ASSEMBLY / ASSEMBLAGE CENTRALE 5.2cm³/tr



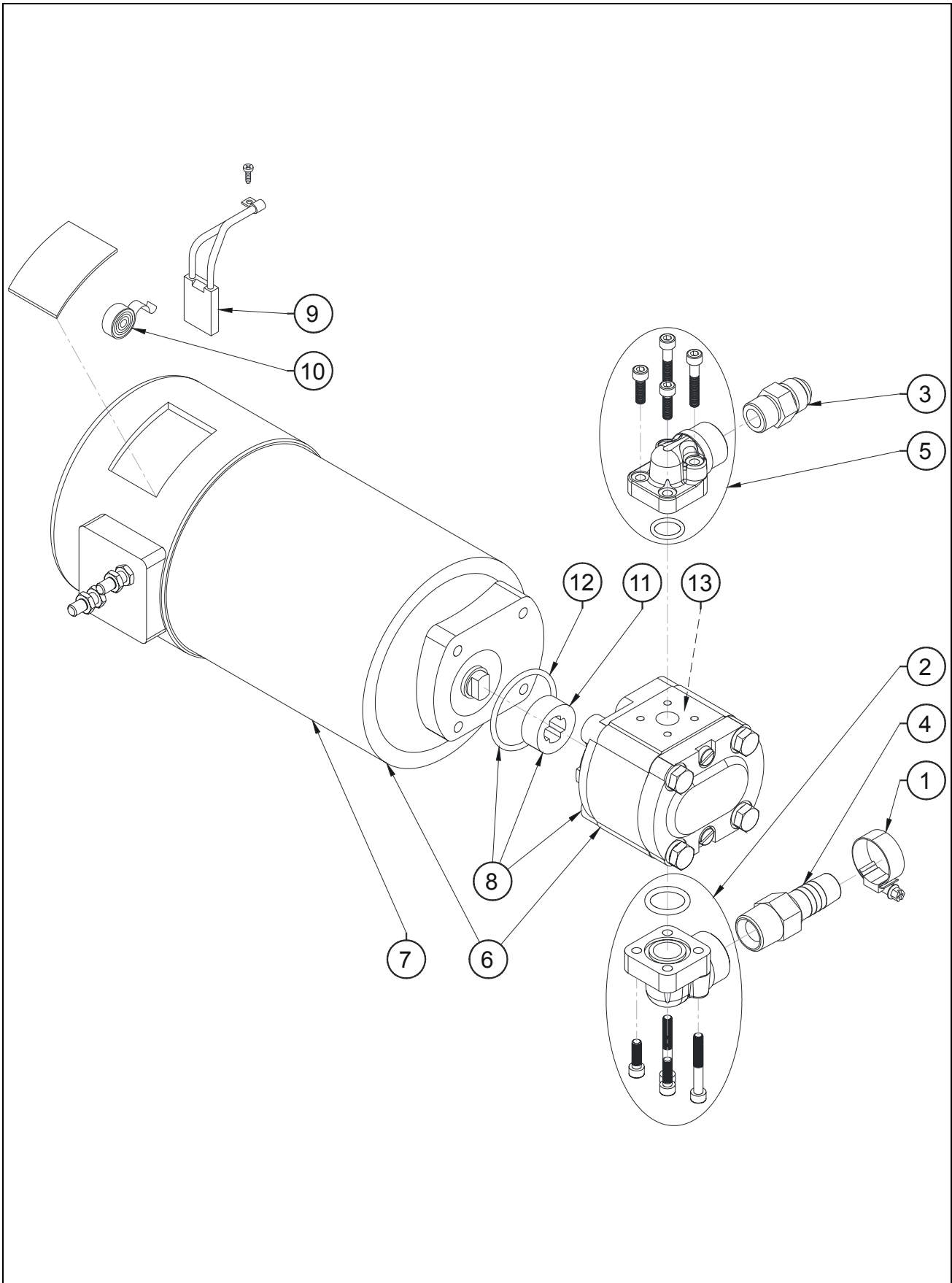
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-7. 5.2CC POWER UNIT ASSEMBLY / ASSEMBLAGE CENTRALE 5.2CM³/TR

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			5.2CC POWER UNIT ASSEMBLY	ASSEMBLAGE CENTRALE 5.2 CM³/TR		SP0826
1	100009	2	M10x30 8.8 HEX HEAD MACHINE SCREW	VIS H M10x30 8.8 BI FT		
2	120011	2	dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		
3	190073	1	CLAMP Ø25-40	COLLIER Ø25-40		
4	300046	1	PUMP FLANGE Ø40 BSPP 3/4	BRIDE POMPE Ø40 BSPP 3/4		
5	300049	1	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
6	300078	1	FITTING Male BSPP3/4-Male Ø19 GROOVE	RACCORD Male BSPP3/4-Ø19 CANNELE		
7	300109	1	PUMP FLANGE Ø35 BSPP 1/2	BRIDE POMPE Ø35 BSPP 1/2		
8	510070	1	POWER UNIT MOTOR	MOTEUR POUR CENTRALE		
9	520093	1	5.2cc/rev PUMP	POMPE 5.2cm ³ /tr		
10	951015	4	BRUSH	BALAIS		
11	951016	4	SPRING BRUSH	RESSORT DE BALAIS		
12	951017	4	BRUSH COVER	CAPOT BALAIS		

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-8. 5.5cc POWER UNIT ASSEMBLY / ASSEMBLAGE CENTRALE 5.5cm³/tr



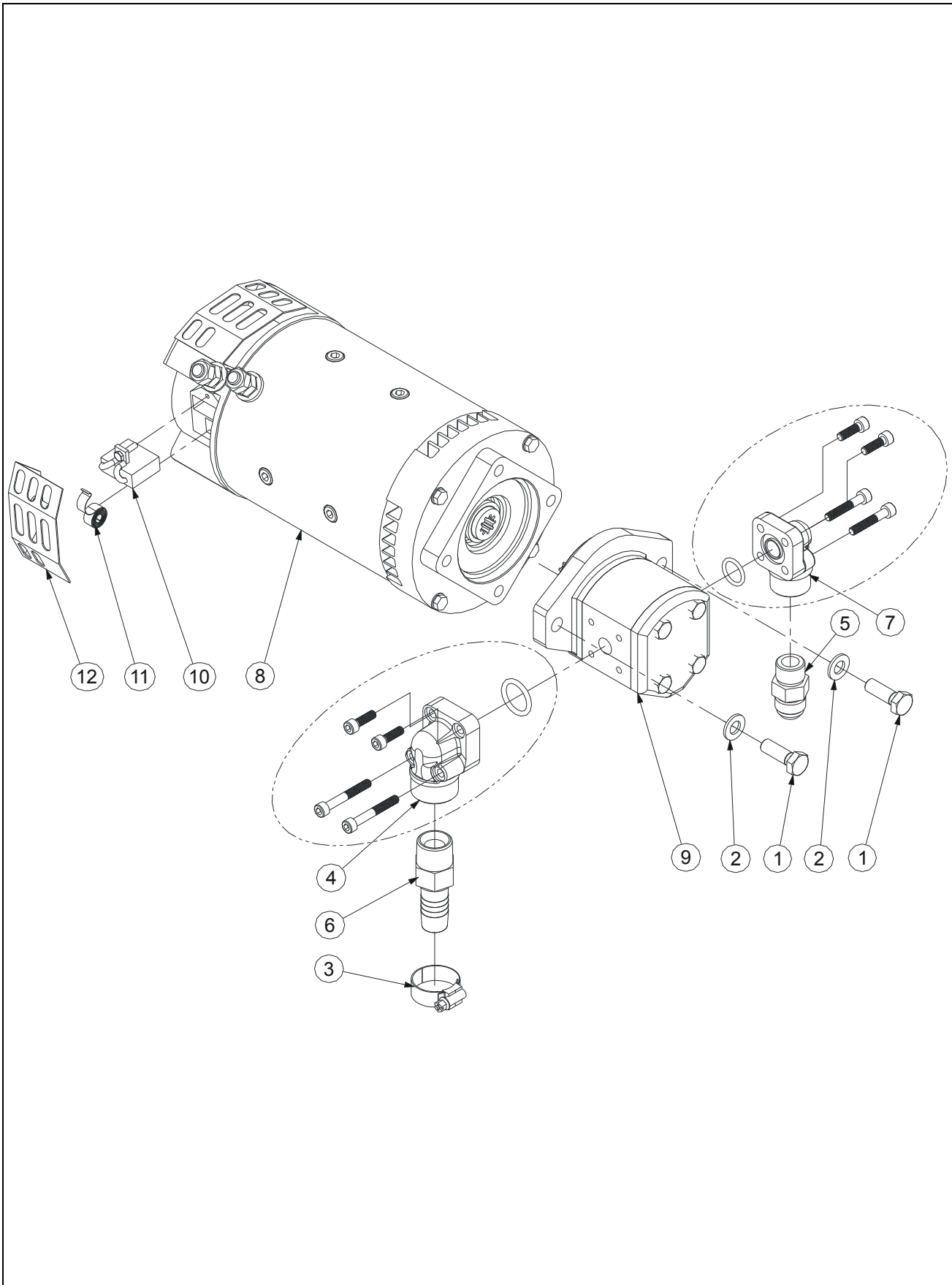
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-8. 5.5CC POWER UNIT ASSEMBLY / ASSEMBLAGE CENTRALE 5.5CM³/TR

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			5.5cc/rev POWER UNIT ASSEMBLY	ASSEMBLAGE CENTRALE 5.5cm³/tr	A	SP0723
1	190073	1	CLAMP Ø25-40	COLLIER Ø25-40		
2	300046	1	PUMP FLANGE Ø40 BSPP 3/4	BRIDE POMPE Ø40 BSPP 3/4		
3	300049	1	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
4	300078	1	FITTING Male BSPP3/4-Male Ø19 GROOVE	RACCORD Male BSPP3/4-Ø19 CANNELE		
5	300109	1	PUMP FLANGE Ø35 BSPP 1/2	BRIDE POMPE Ø35 BSPP 1/2		
6	520014	1	5.5cc/rev POWER UNIT	CENTRALE 5.5cm ³ /tr		
7	940013	1	DC MOTOR	MOTEUR A COURANT CONTINU	A	
8	900058	1	5.5 cc/rev PUMP	POMPE 5.5 cm ³ /tr	A	
9	900005	1	BRUSH KIT (QUANTITY : 4)	JEU DE 4 BALAIS	A	
10	940032	1	SPRING KIT (QUANTITY : 4)	JEU DE 4 RESSORTS	A	
11	940010	1	COUPLING	ACCOUPEMENT DE POMPE	A	
12	900045	1	O-RING	JOINT TORIQUE CENTRAL POMPE	A	
13	900021	1	SEAL KIT	KIT DE JOINTS	A	

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-9. 3.5cc POWER UNIT ASSEMBLY / ASSEMBLAGE CENTRALE 3.5cm³/tr



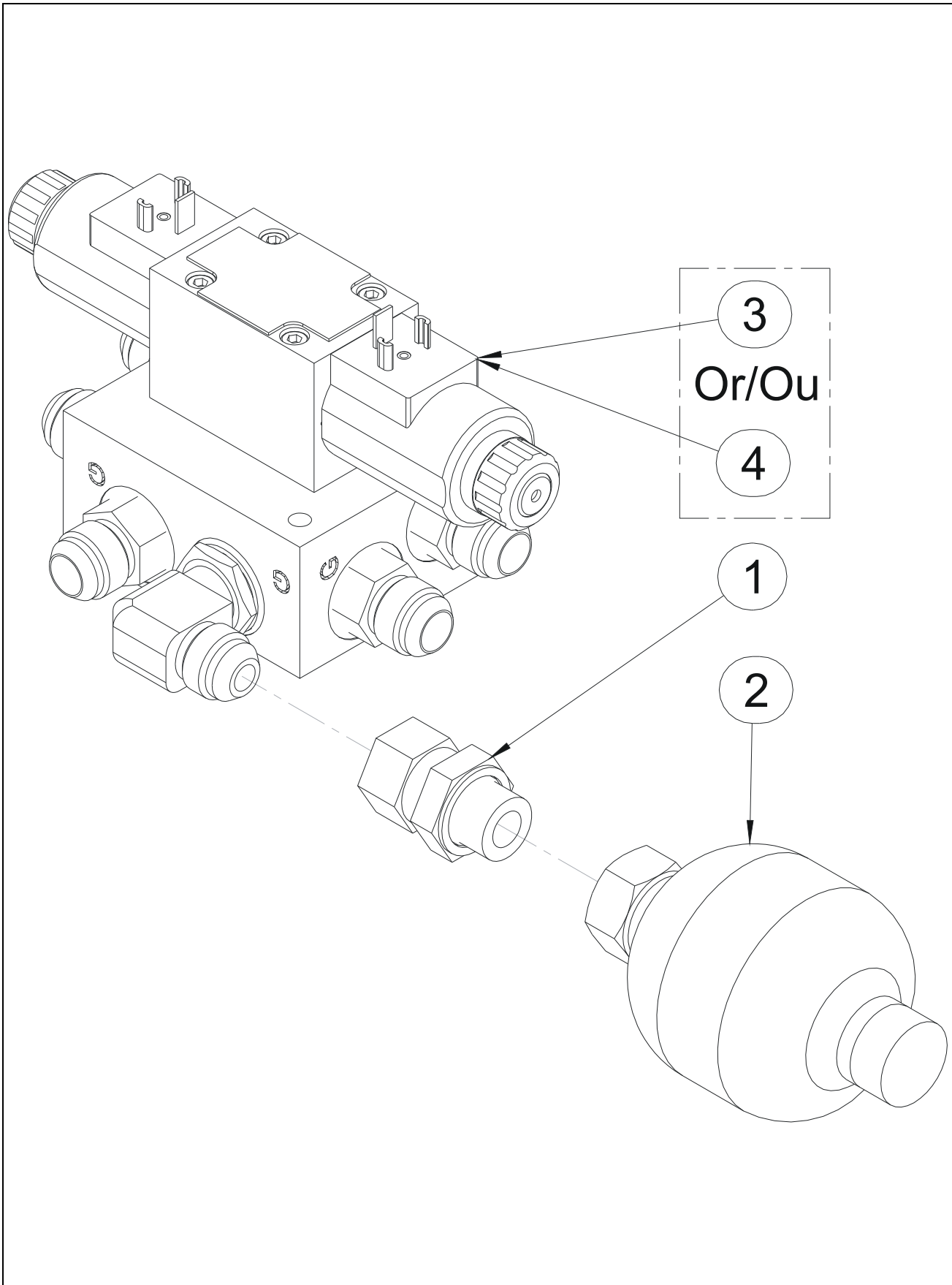
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-9. 3.5CC POWER UNIT ASSEMBLY / ASSEMBLAGE CENTRALE 3.5CM³/TR

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			3.5CC POWER UNIT ASSEMBLY	ASSEMBLAGE CENTRALE 3.5 CM³/TR		SP0827
1	100009	2	M10x30 8.8 HEX HEAD MACHINE SCREW	VIS H M10x30 8.8 BI FT		
2	120011	2	dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		
3	190073	1	CLAMP Ø25-40	COLLIER Ø25-40		
4	300046	1	PUMP FLANGE Ø40 BSPP 3/4	BRIDE POMPE Ø40 BSPP 3/4		
5	300049	1	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
6	300078	1	FITTING Male BSPP3/4-Male Ø19 GROOVE	RACCORD Male BSPP3/4-Ø19 CANNELE		
7	300109	1	PUMP FLANGE Ø35 BSPP 1/2	BRIDE POMPE Ø35 BSPP 1/2		
8	510070	1	POWER UNIT MOTOR	MOTEUR POUR CENTRALE		
9	520092	1	3.5cc/rev PUMP	POMPE 3.5cm ³ /tr		
10	951015	4	BRUSH	BALAIS		
11	951016	4	SPRING BRUSH	RESSORT DE BALAIS		
12	951017	4	BRUSH COVER	CAPOT BALAIS		

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FIGURE 3-1-10. DRIVE MANIFOLD INSTALL / INSTALLATION BLOC TRANSLATION



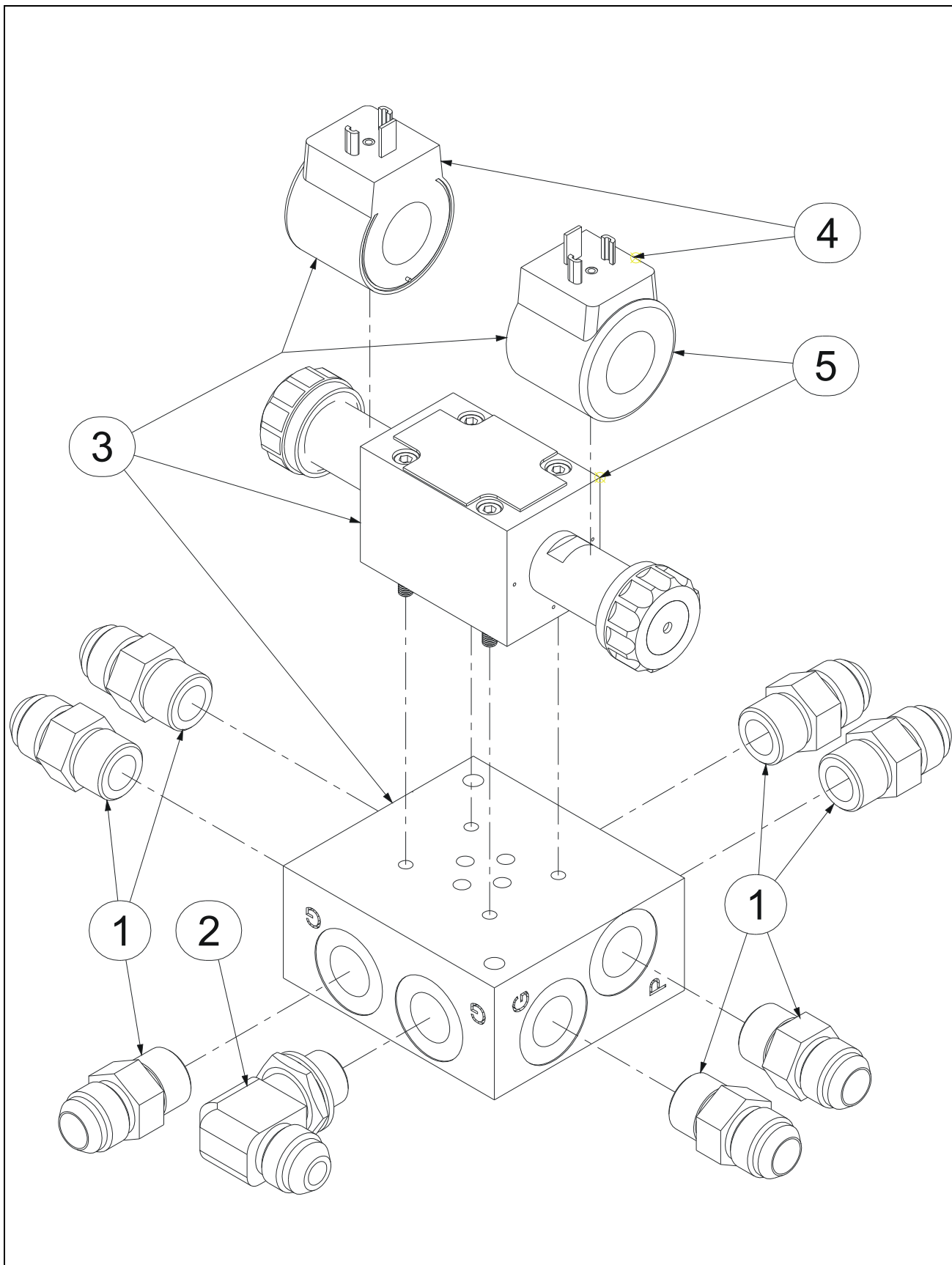
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-10. DRIVE MANIFOLD INSTALL / INSTALLATION BLOC TRANSLATION

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION	REV	INFORMATION
			DRIVE MANIFOLD INSTALL		
					INSTALLATION BLOC TRANSLATION
1	300071	1	FITTING Male BSPP1/2-Fem SWIVEL JIC7/ 8		SP1206
					RACCORD M BSPP1/2-F JIC7/8 Ecrou Tour
2	500031	1	ACCUMULATOR		ACCUMULATEUR
3	SE0524	1	DRIVE MANIFOLD ASSEMBLY		ASSEMBLAGE BLOC TRANSLATION SE0524
4	SE0791	1	DRIVE MANIFOLD ASSEMBLY		ASSEMBLAGE BLOC TRANSLATION SE0791

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ASSEMBLAGE CHASSIS**

**FIGURE 3-1-10-1.DRIVE MANIFOLD ASSEMBLY /
ASSEMBLAGE BLOC TRANSLATION**



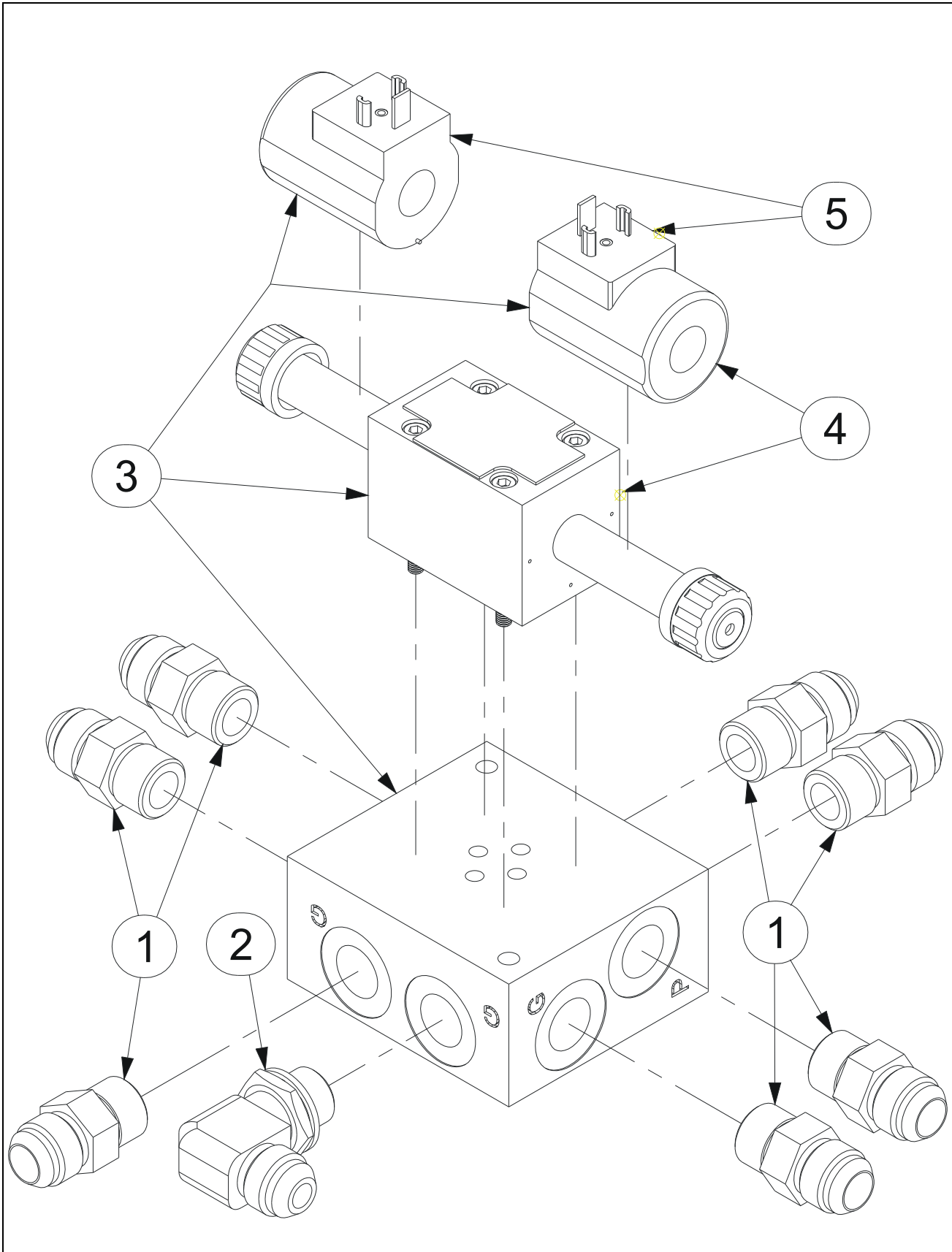
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-10-1. DRIVE MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC TRANSLATION

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0524		DRIVE MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC TRANSLATION		SE0524
1	300049	7	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
2	300106	1	90° ELBOW MALE BSPP1/2 MALE JIC7/8	COUDE MALE BSPP1/2 MALE JIC7/8		
3	520080	1	DRIVE MANIFOLD	BLOC DE TRANSLATION		
4	952068	2	24VDC COIL	BOBINE 24VDC		
5	952069	1	4/2 VALVE	DISTRIBUTEUR 4/2		

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ASSEMBLAGE CHASSIS**

**FIGURE 3-1-10-2.DRIVE MANIFOLD ASSEMBLY /
ASSEMBLAGE BLOC TRANSLATION**



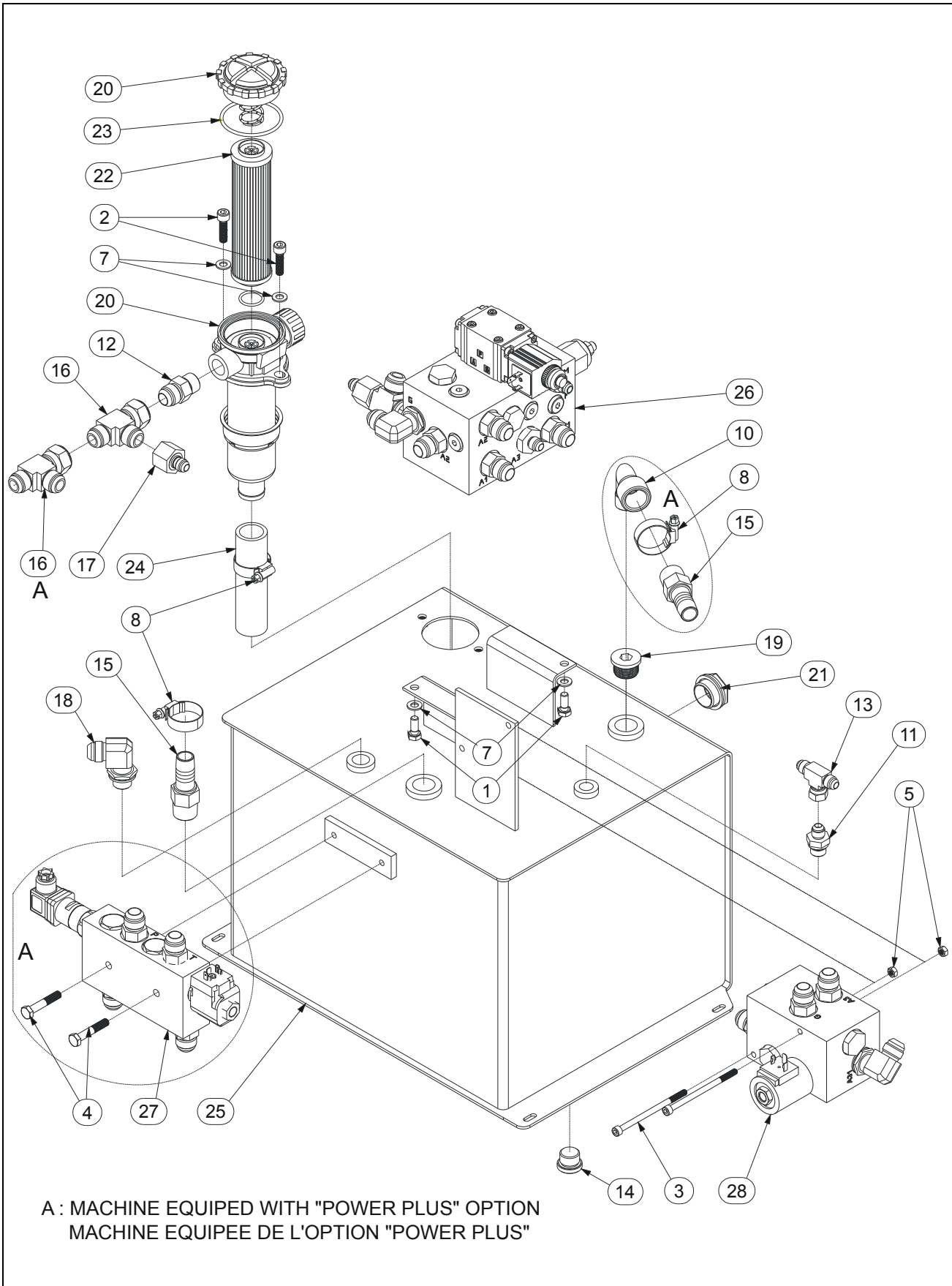
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FIGURE 3-1-10-2. DRIVE MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC TRANSLATION

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0791		DRIVE MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC TRANSLATION		SE0791
1	300049	7	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
2	300106	1	90° ELBOW MALE BSPP1/2 MALE JIC7/8	COUDE MALE BSPP1/2 MALE JIC7/8		
3	520113	1	DRIVE MANIFOLD	BLOC DE TRANSLATION		
4	952092	1	4/2 VALVE	DISTRIBUTEUR 4/2		
5	952093	2	24VDC COIL	BOBINE 24VDC		

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FIGURE 3-1-11. RESERVOIR ASSEMBLY / ASSEMBLAGE RESERVOIR



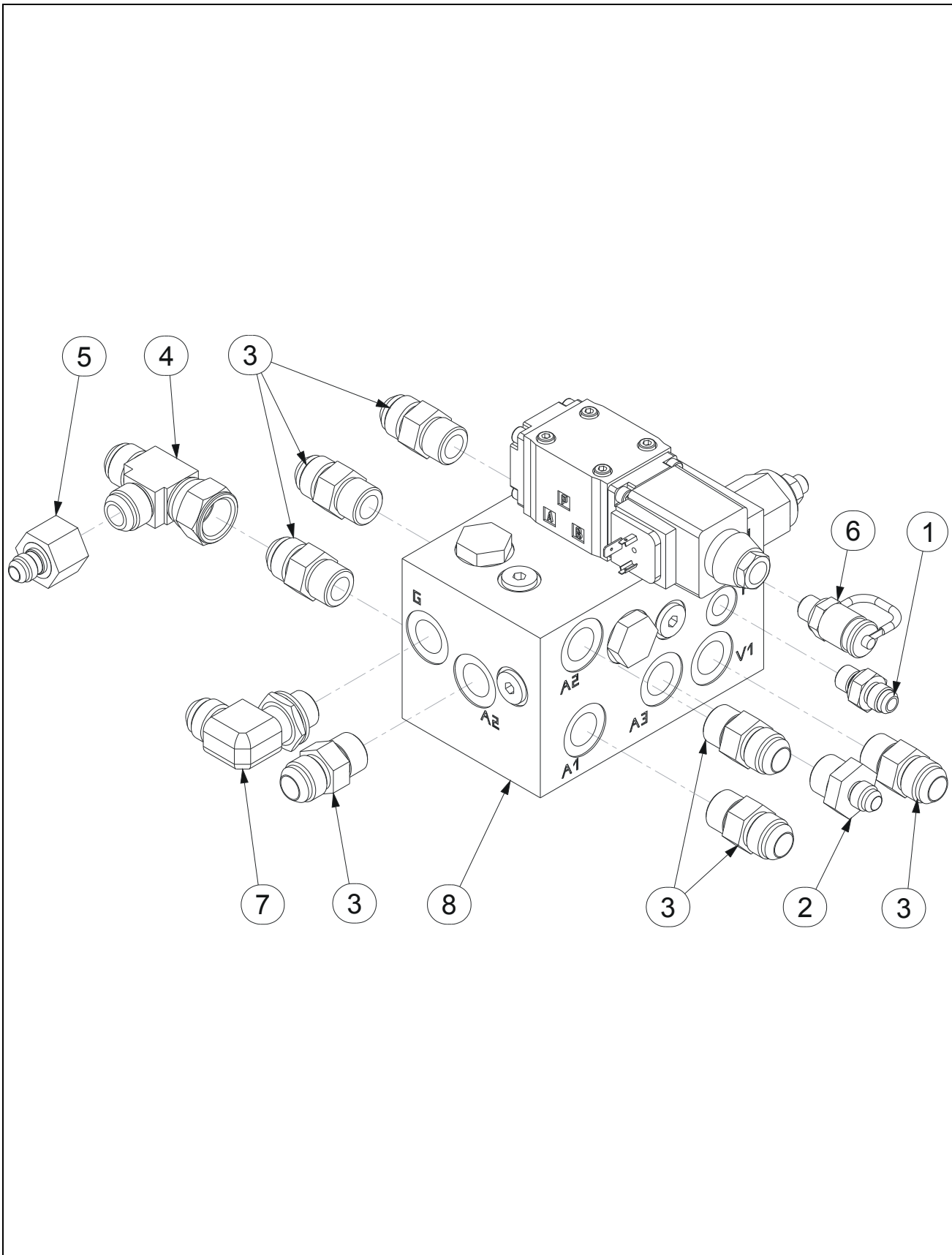
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-11. RESERVOIR ASSEMBLY / ASSEMBLAGE RESERVOIR

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			RESERVOIR ASSEMBLY	ASSEMBLAGE RESERVOIR	B	SP1213
1	100019	2	M08x20 8.8 HEX HEAD MACHINE SCREW	VIS H M08x20 8.8 BI FT	A	
2	000044	2	M08x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x30 8.8 BI FT		
3	000079	2	M06x100 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x100 8.8 BI FP		
4	100093	2	M08x45 8.8 HEX HEAD MACHINE SCREW	VIS H M08x45 8.8 BI FT		
5	110003	2	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
6			NOT REQUIRED	NON REQUIS	A	
7	120010	4	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
8	190073	3	CLAMP Ø25-40	COLLIER Ø25-40	B	
9			NOT REQUIRED	NON REQUIS	B	
10	300002	1	90° ELBOW Male BSPT3/4-Female BSPP3/4	COUDE 90° Male BSPT3/4-Femel BSPP3/4		
11	300040	1	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
12	300049	1	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
13	300055	1	BRANCH TEE MALE JIC 9/16 SWIVEL NUT	TE Male JIC9/16 TOURNANT CENTRAL		
14	300060	1	CAP BSPP 1/2	BOUCHON BSPP 1/2		
15	300078	2	FITTING Male BSPP3/4-Male Ø19 GROOVE	RACCORD Male BSPP3/4-Ø19 CANNELE		
16	300082	2	BRANCH TEE JIC7/8 LAT SWIVEL NUT	TE JIC 7/8 ECROU TOURNANT LATERAL		
17	300083	1	REDUCTION	REDUCTION		
18	300120	1	90° ELBOW MALE BSPP1/2-MALE JIC 3/4	COUDE MALE BSPP1/2-MALE JIC 3/4		
19	300137	1	CAP BSPP 3/4	BOUCHON BSPP 3/4		
20	310065	1	PRIOR NOV 2010 - RETURN FILTER (including 930127&930129)	AVANT NOV 2010 - FILTRE RETOUR (inclus 930127&930129)	B	
20	310104	1	SINCE NOV 2010 - RETURN FILTER (including 930127&930129)	DEPUIS NOV 2010 - FILTRE RETOUR (inclus 930127&930129)	B	
21	310067	1	OIL LEVEL INDICATOR	VOYANT DE NIVEAU		
22	930127	1	OIL FILTER CARTRIDGE	CARTOUCHE DE FILTRE		
23	930129	1	SEAL	JOINT		
24	DF0715	1	PRIOR NOV 2010 - Ø25.4x125 HOSE	AVANT NOV 2010 - DURITE Ø25.4x125	B	
24	310108	1	SINCE NOV 2010 - Ø25x125 TUBE	DEPUIS NOV 2010 - TUBE Ø25x125	B	
25	ST2430	1	HYDRAULIC RESERVOIR	RESERVOIR HYDRAULIQUE		
26	SE0554	1	S/N PRIOR #645 DRV MOTORS DISTRIBUTION MANIFOLD ASSY	ASS. BLOC DISTRIBUTION MOTEURS ROUES AVANT N° 645	B	SE0554
26	SE0742	1	S/N SINCE #645 DRV MOTORS DISTRIBUTION MANIFOLD ASSY	ASS. BLOC DISTRIBUTION MOTEURS ROUES DEPUIS N° 645	A	SE0742
27	SE0750	1	CHECK VALVE MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC CLAPET	A	SE0750
28	SE0751	1	S/N PRIOR #645 DIFFLOCK MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC DIFFERENTIEL AVANT N° 645	B	SE0751
28	SE0753	1	S/N SINCE #645 DIFFLOCK MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC DIFFERENTIEL DEPUIS N° 645	A	SE0753

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FIGURE 3-1-11-1.S/N PRIOR/AVANT #645 DRIVE MOTORS DISTRIBUTION MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC DISTRIBUTION MOTEURS DE ROUES



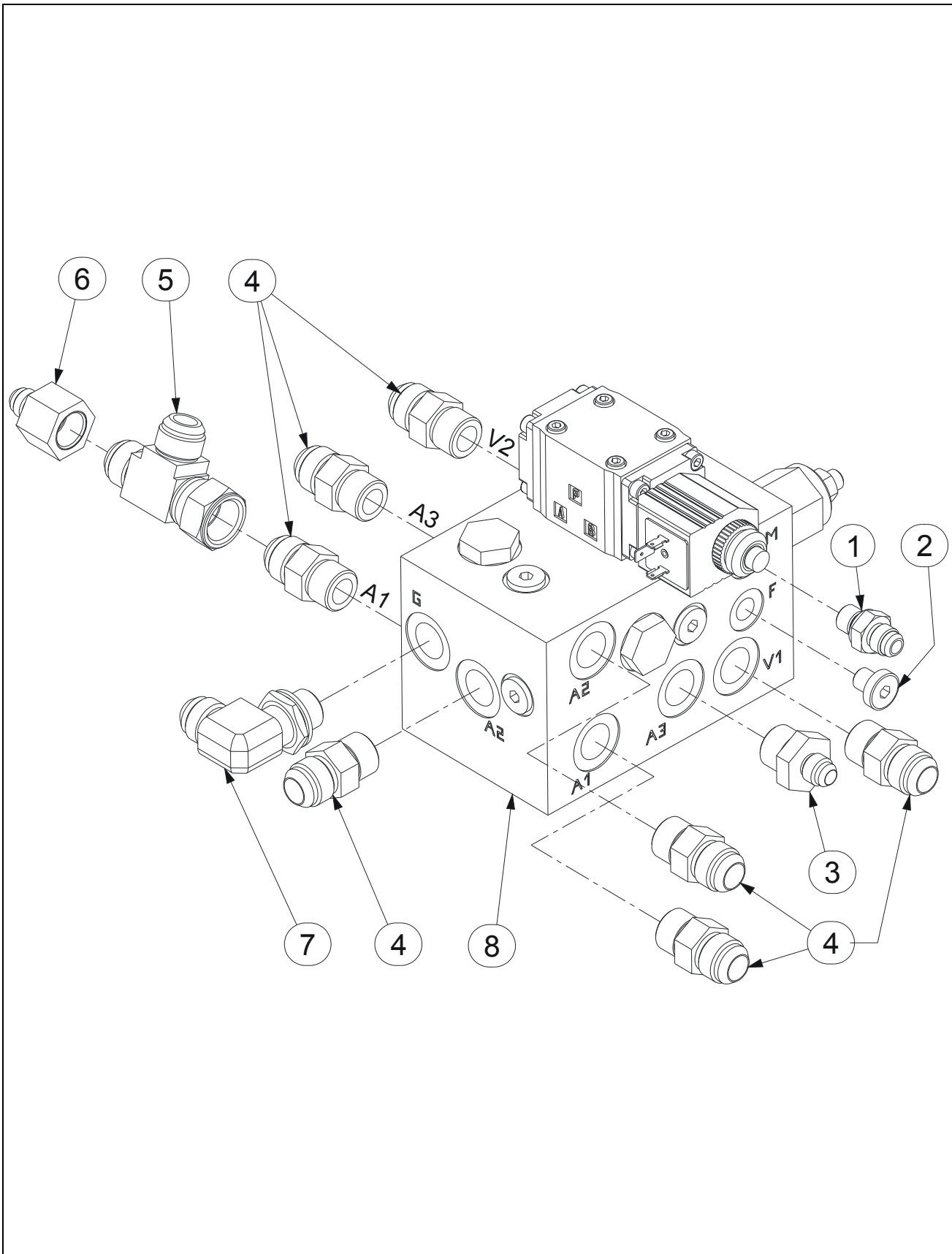
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**FIGURE 3-1-11-1. S/N PRIOR/AVANT #645 DRIVE MOTORS DISTRIBUTION MANIFOLD ASSEMBLY /
ASSEMBLAGE BLOC DISTRIBUTION MOTEURS DE ROUES**

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0554		DRIVE MOTORS DISTRIB MANIFOLD ASSY	ASS. BLOC DISTRIB MOTEURS DE ROUES		SE0554
1	300025	1	FITTING MALE BSPP1/4-MALE JIC9/16	RACCORD MALE BSPP1/4-MALE JIC9/16		
2	300044	1	FITTING MALE BSPP1/2-MALE JIC9/16	RACCORD MALE BSPP1/2-MALE JIC9/16		
3	300049	7	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
4	300082	1	BRANCH TEE JIC7/8 LAT SWIVEL NUT	TE JIC 7/8 ECROU TOURNANT LATERAL		
5	300083	1	REDUCTION	REDUCTION		
6	300101	1	PRESSURE TEST PLUG BSPP1/4	PRISE DE PRESSION BSPP1/4		
7	300106	1	90° ELBOW MALE BSPP1/2 MALE JIC7/8	COUDE MALE BSPP1/2 MALE JIC7/8		
8	520061	1	DRIVE MOTORS DISTRIB. MANIFOLD	BLOC DISTRIBUTION MOTEURS DE ROUES		520061

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FIGURE 3-1-11-2.S/N SINCE/DEPUIS #645 DRIVE MOTORS DISTRIBUTION MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC DISTRIBUTION MOTEURS DE ROUES



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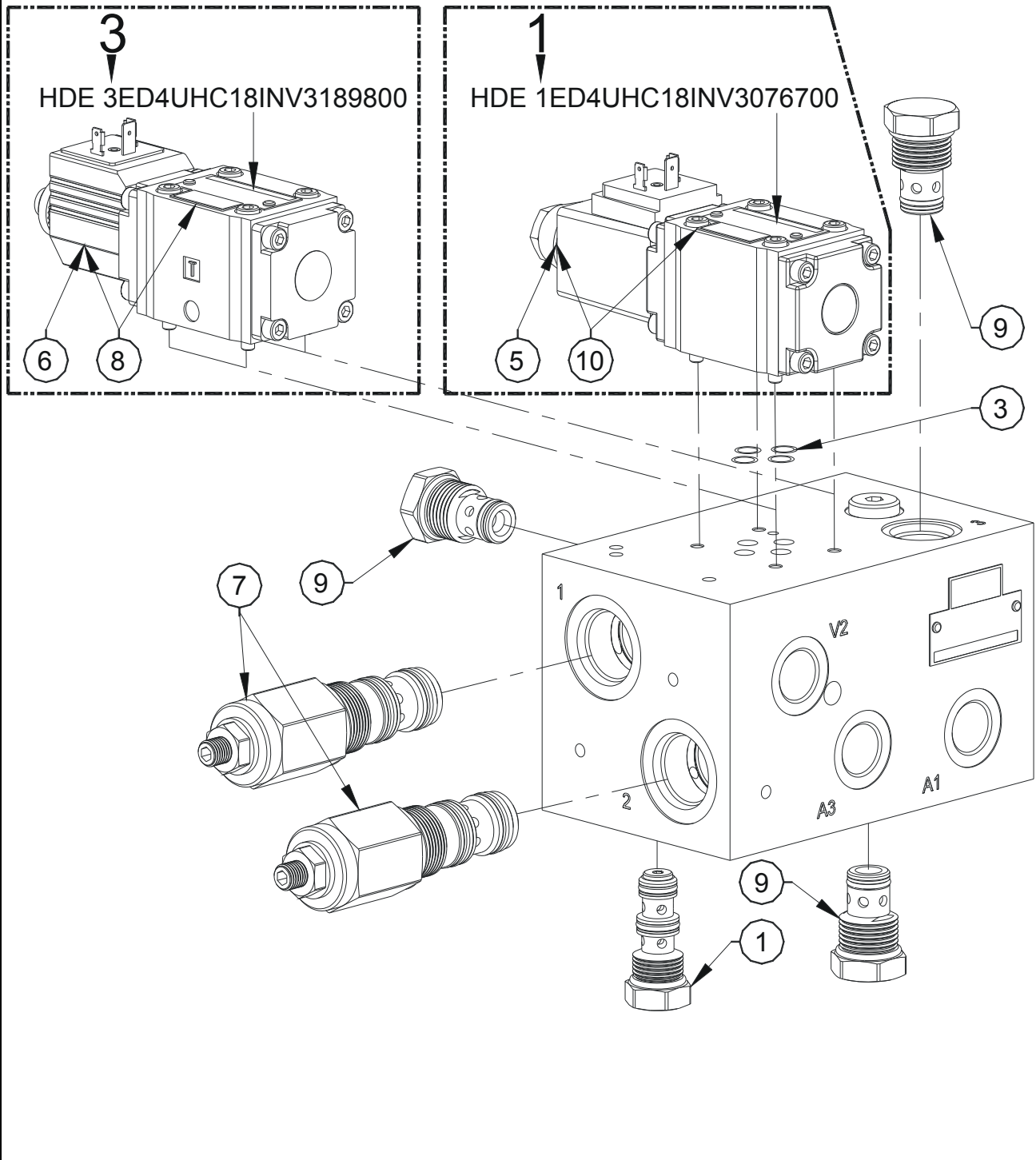
**FIGURE 3-1-11-2. S/N SINCE/DEPUIS #645 DRIVE MOTORS DISTRIBUTION MANIFOLD ASSEMBLY /
ASSEMBLAGE BLOC DISTRIBUTION MOTEURS DE ROUES**

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0742		DRV MOTORS DISTRIBUTION MANIFOLD ASSY	ASS. BLOC DISTRIBUTION MOTEURS ROUES		SE0742
1	300025	1	FITTING MALE BSPP1/4-MALE JIC9/16	RACCORD MALE BSPP1/4-MALE JIC9/16		
2	300034	1	CAP MALE BSPP 1/4"	BOUCHON MALE BSPP 1/4"		
3	300044	1	FITTING MALE BSPP1/2-MALE JIC9/16	RACCORD MALE BSPP1/2-MALE JIC9/16		
4	300049	7	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
5	300082	1	BRANCH TEE JIC7/8 LAT SWIVEL NUT	TE JIC 7/8 ECROU TOURNANT LATERAL		
6	300083	1	REDUCTION	REDUCTION		
7	300106	1	90° ELBOW MALE BSPP1/2 MALE JIC7/8	COUDE MALE BSPP1/2 MALE JIC7/8		
8	520061	1	DRIVE MOTORS DISTRIB. MANIFOLD	BLOC DISTRIBUTION MOTEURS DE ROUES		520061

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FIGURE 3-1-11-2-1.DRIVE MOTORS DISTRIBUTION MANIFOLD / BLOC DISTRIBUTION MOTEURS DE ROUES

Coil ⑤ fit only with ⑩ / Bobine ⑤ seulement sur ⑩ / Coil ⑥ fit only with ⑧ / Bobine ⑥ seulement sur ⑧ / ⑧ & ⑩ are interchangeable. / ⑧ & ⑩ sont interchangeables.



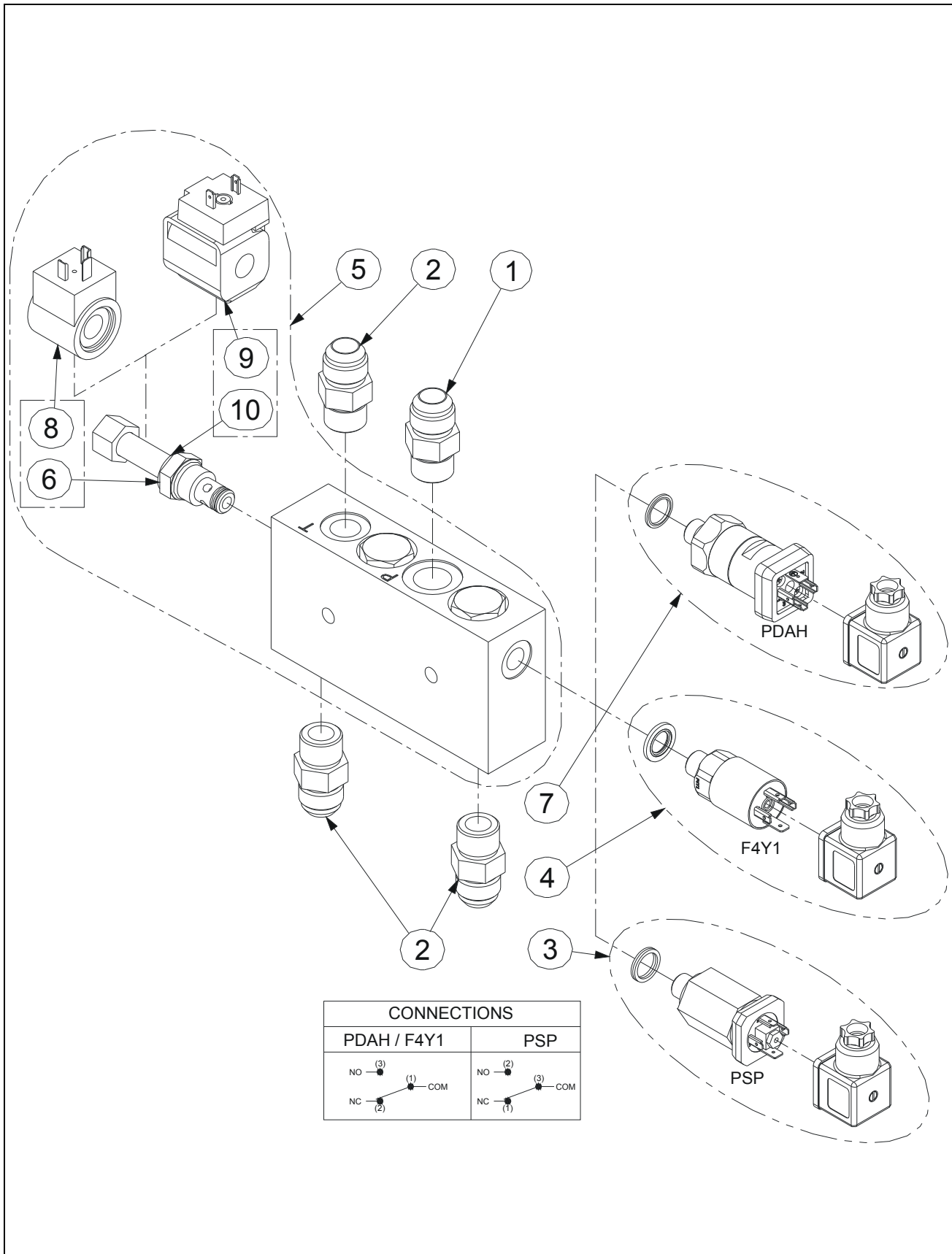
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-11-2-1. DRIVE MOTORS DISTRIBUTION MANIFOLD / BLOC DISTRIBUTION MOTEURS DE ROUES

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	520061		DRIVE MOTORS DISTRIB. MANIFOLD	BLOC DISTRIBUTION MOTEURS DE ROUES	B	520061
1	900068	1	SHUTTLE VALVE	SELECTEUR DE CIRCUIT		
2			NOT REQUIRED	NON REQUIS	B	
3	900071	1	SEAL KIT	KIT DE JOINTS		
4			NOT REQUIRED	NON REQUIS	B	
5	952038	1	18V COIL	BOBINE 18V	A	
6	952090		18V COIL	BOBINE 18V	B	
7	952009	2	COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		
8	952089		VALVE (INCLUDES ITEM 900071&952090)	DISTRIBUTEUR (INCLUS 900071&952090)	B	
9	952011	3	CHECK VALVE 0.5 BAR	CLAPET ANTI RETOUR 0.5 BAR		
10	952012	1	VALVE (INCLUDES ITEM 900071&952038)	DISTRIBUTEUR (INCLUS 900071&952038)		

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FIGURE 3-1-11-3.CHECK VALVE MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC CLAPET



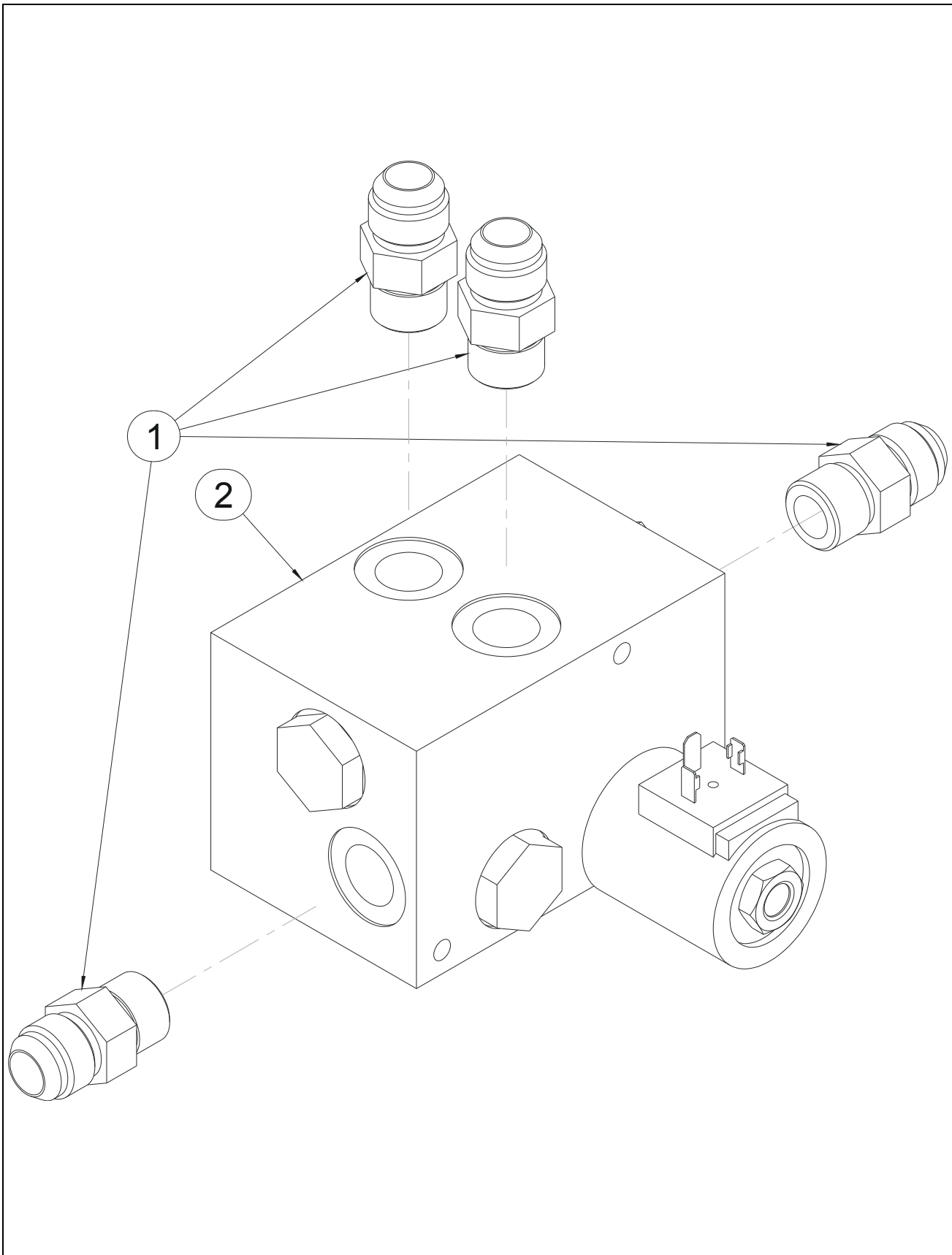
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-11-3. CHECK VALVE MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC CLAPET

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0750		CHECK VALVE MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC CLAPET		SE0750
1	300049	1	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
2	300111	3	FITTING MALE BSPP3/8 MALE JIC7/8	RACCORD MALE BSPP3/8 MALE JIC7/8		
3	310083	1	PRESSURE SWITCH "PSP" MODEL	PRESOSTAT MODELE "PSP"		
4	310097	1	PRESSURE SWITCH "F4Y1" MODEL	PRESOSTAT MODELE "F4Y1"		
5	520021	1	CHECK VALVE	BLOC CLAPET		
6	900056	1	CARTRIDGE VALVE	ELECTROCLAPET		
7	900107	1	PRESSURE SWITCH "PDAH" MODEL	PRESOSTAT MODELE "PDAH"		
8	910001	1	LOW SPEED DISABLE COIL	BOBINE COUPURE PETITE VITESSE		
9	910005	1	24 VDC COIL	BOBINE ELECTROCLAPET 24 VDC		
10	900080	1	CARTRIDGE VALVE	ELECTROCLAPET		

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ASSEMBLAGE CHASSIS**

**FIGURE 3-1-11-4.S/N PRIOR/AVANT #645 DIFFLOCK MANIFOLD ASSEMBLY /
ASSEMBLAGE BLOC DIFFERENTIEL**



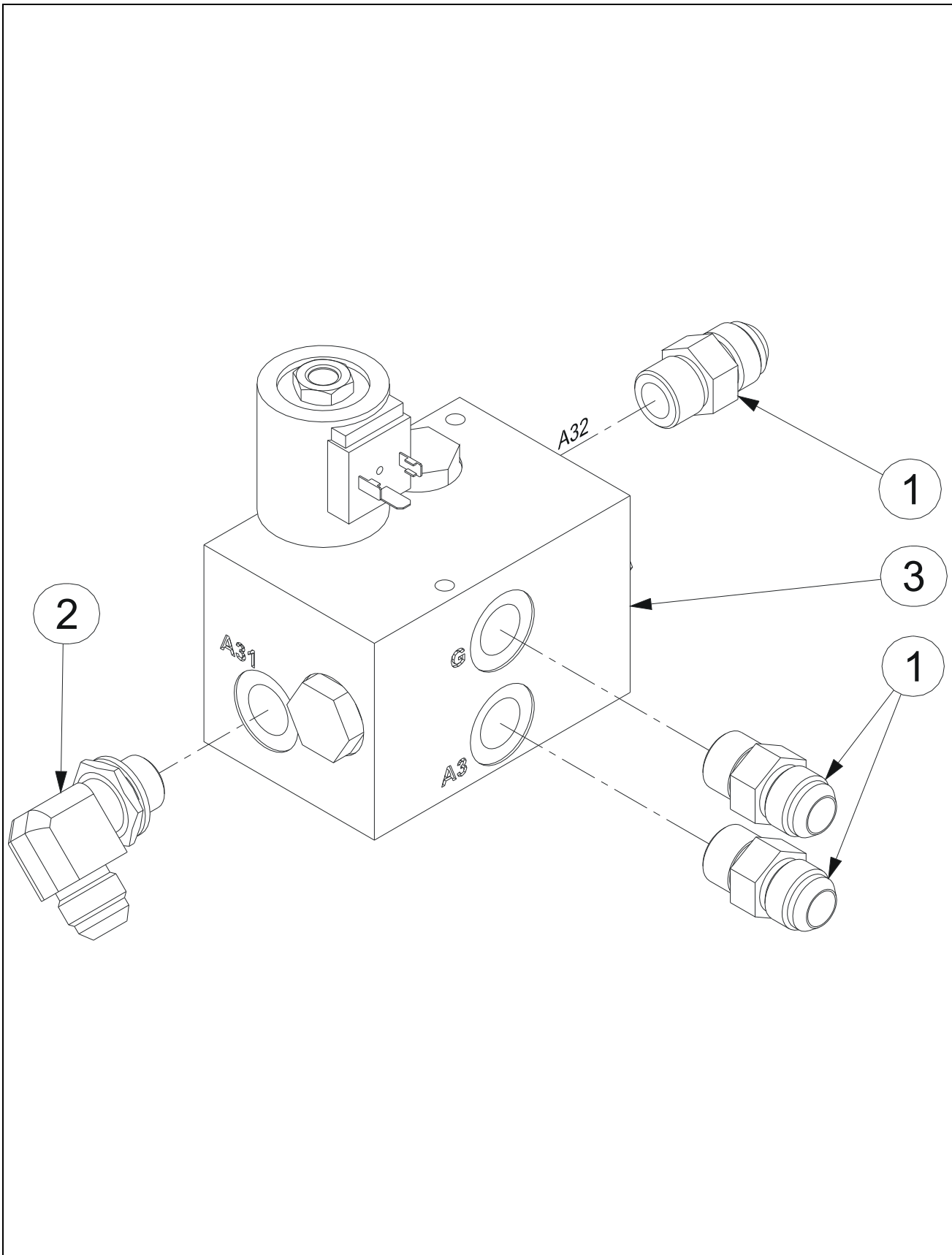
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-11-4. S/N PRIOR/AVANT #645 DIFFLOCK MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC DIFFERENTIEL

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0751		DIFFLOCK MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC DIFFERENTIEL		SE0751
1	300049	4	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
2	520062	1	DIFFLOCK MANIFOLD	BLOC DIFFERENTIEL		520062

**SECTION 3 CHASSIS ASSEMBLY /
ASSEMBLAGE CHASSIS**

**FIGURE 3-1-11-5.S/N SINCE/DEPUIS #645 DIFFLOCK MANIFOLD ASSEMBLY /
ASSEMBLAGE BLOC DIFFERENTIEL**



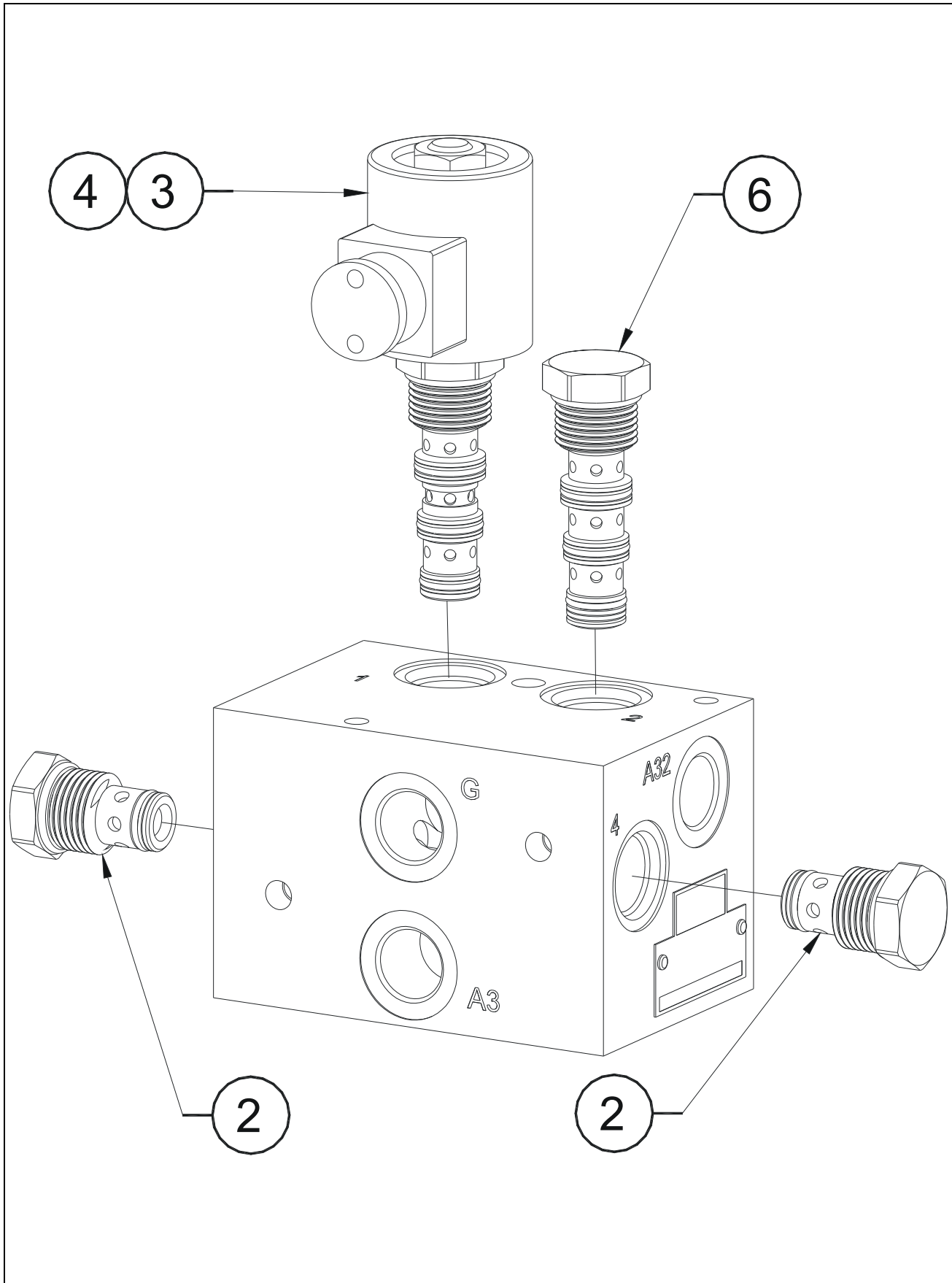
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-11-5. S/N SINCE/DEPUIS #645 DIFFLOCK MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC DIFFERENTIEL

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0753		DIFFLOCK MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC DIFFERENTIEL		SE0753
1	300049	3	FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		
2	300106	1	90° ELBOW MALE BSPP1/2 MALE JIC7/8	COUDE MALE BSPP1/2 MALE JIC7/8		
3	520062	1	DIFFLOCK MANIFOLD	BLOC DIFFERENTIEL		520062

**SECTION 3 CHASSIS ASSEMBLY /
ASSEMBLAGE CHASSIS**

FIGURE 3-1-11-5-1.DIFFLOCK MANIFOLD / BLOC DIFFERENTIEL



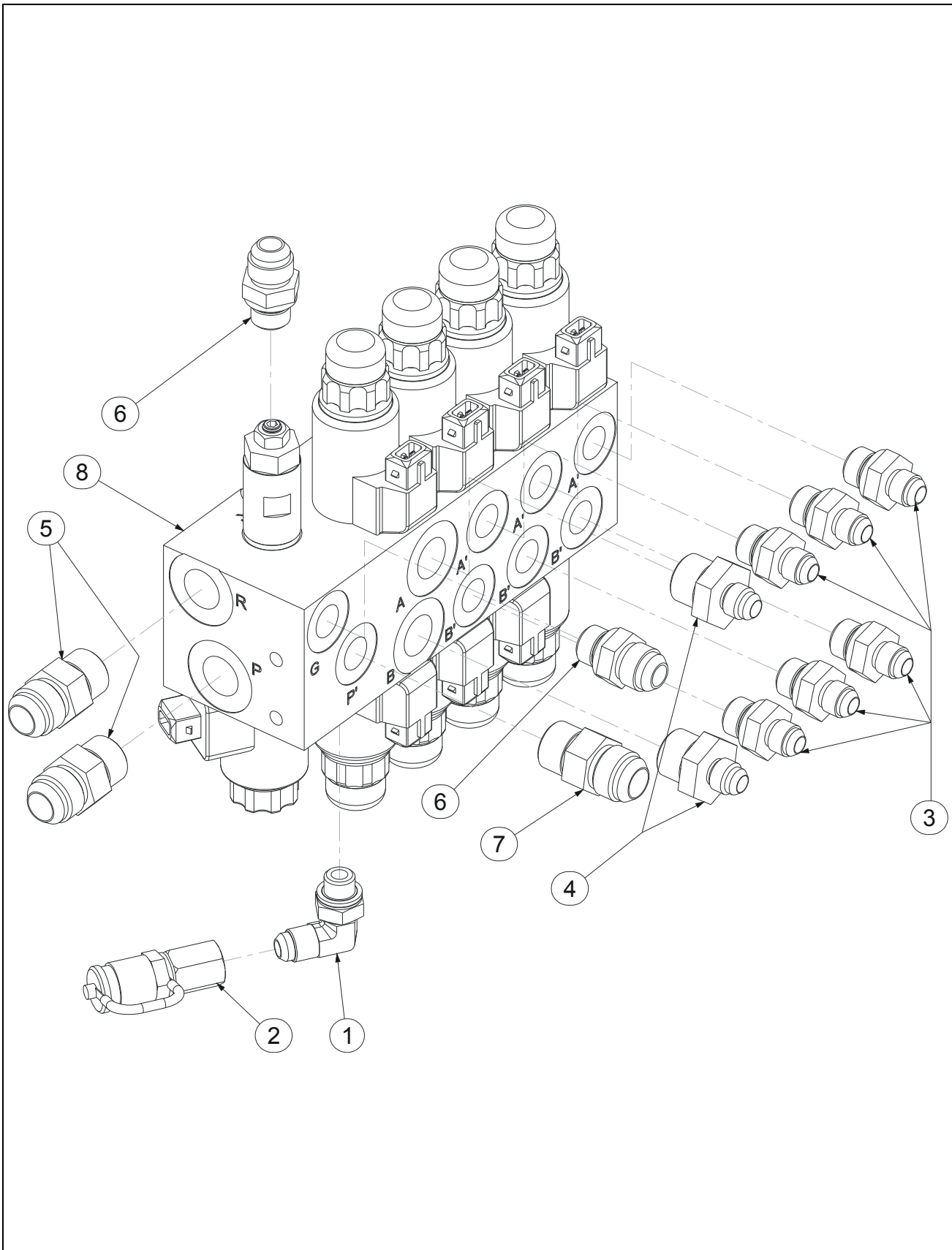
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-11-5-1. DIFFLOCK MANIFOLD / BLOC DIFFERENTIEL

DET REP	PART NUMBER REF.	QTY	DESCRIPTION	REV	INFORMATION
	520062		DIFFLOCK MANIFOLD		520062
1			NOT REQUIRED	A	
2	952011	2	CHECK VALVE 0.5 BAR	A	
3	952013	1	BYPASS VALVE (INCLUDES ITEM 952014)		
4	952014	1	COIL		
5			NOT REQUIRED	A	
6	952016	1	FLOW DIVIDER		

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-12. FUNCTIONS MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC FONCTIONS



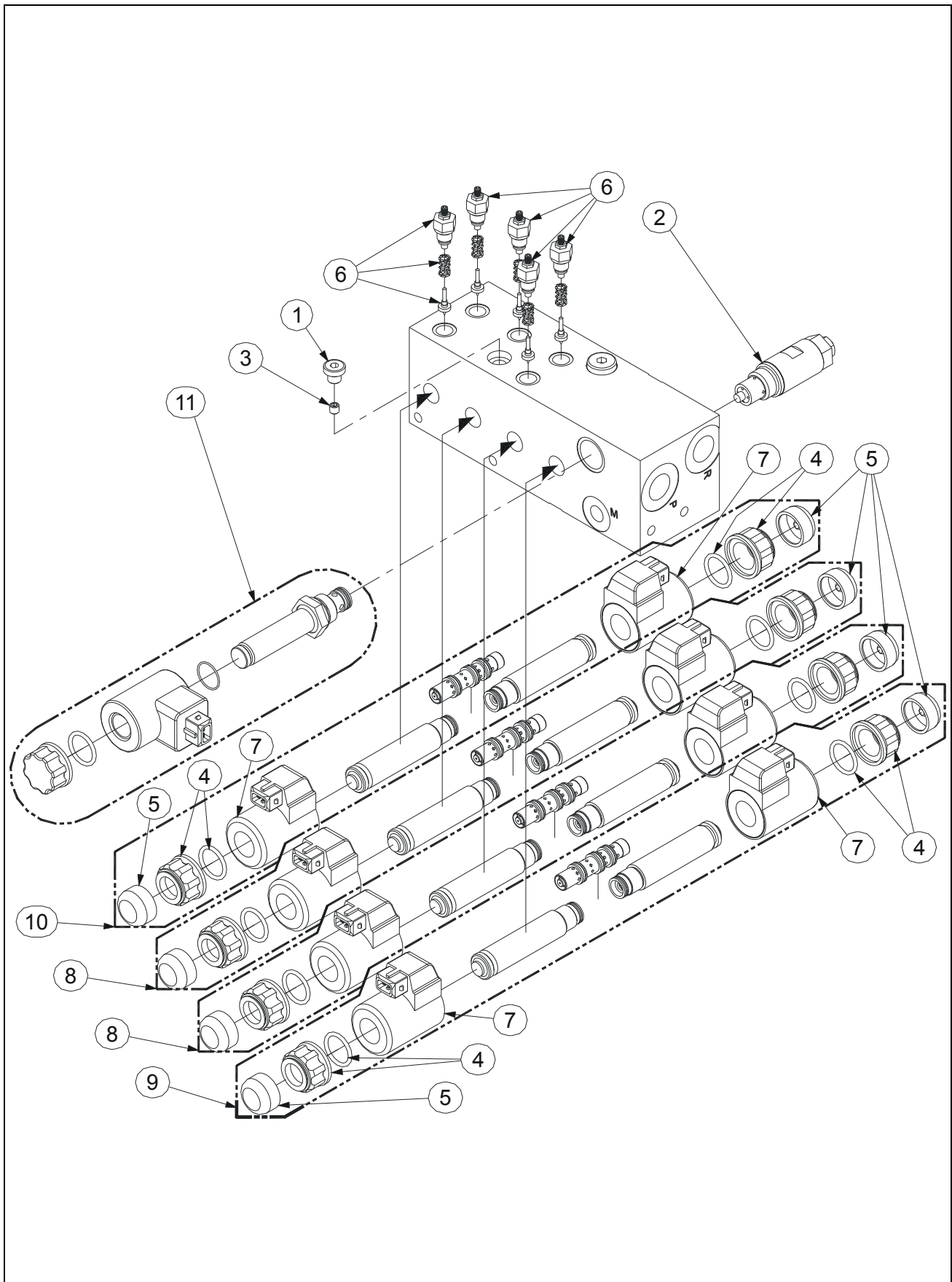
SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-12. FUNCTIONS MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC FONCTIONS

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION	REV	INFORMATION
	SE0525		S/N PRIOR #299 FUNCTIONS MANIFOLD ASSEMBLY		SE0525
	SE0570		S/N SINCE #299 FUNCTIONS MANIFOLD ASSEMBLY		SE0570
1	300001	1	90° ELBOW MALE BSPP 1/4-MALE JIC 9/16		
				COUDE 90° Male BSPP 1/4 -Male JIC 9/16	
2	300004	1	PRESSURE TEST PLUG JIC9/16 SMK		
				PRISE DE PRESSION JIC 9/16 SMK	
3	300040	6	FITTING MALE BSPP3/8 MALE JIC9/16		
				RACCORD MALE BSPP3/8 MALE JIC9/16	
4	300044	2	FITTING MALE BSPP1/2-MALE JIC9/16		
				RACCORD MALE BSPP1/2-MALE JIC9/16	
5	300049	2	FITTING MALE BSPP1/2 MALE JIC7/8		
				RACCORD MALE BSPP1/2 MALE JIC7/8	
6	300057	2	FITTING MALE BSPP 3/8 - MALE JIC 3/4		
				RACCORD MALE BSPP 3/8 - MALE JIC 3/4	
7	300111	1	FITTING MALE BSPP3/8 MALE JIC7/8		
				RACCORD MALE BSPP3/8 MALE JIC7/8	
8	520082	1	S/N PRIOR #299 FUNCTIONS MANIFOLD		520082
				BLOC FONCTIONS AVANT N°299	
8	520091	1	S/N DEPUIS #299 FUNCTIONS MANIFOLD		520091
				BLOC FONCTIONS DEPUIS N°299	

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-12-1.FUNCTIONS MANIFOLD / BLOC FONCTIONS



SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

FIGURE 3-1-12-1. FUNCTIONS MANIFOLD / BLOC FONCTIONS

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	520082		S/N PRIOR #299 FUNCTIONS MANIFOLD	BLOC FONCTIONS AVANT N°299	A	520082
	520091		S/N SINCE #299 FUNCTIONS MANIFOLD	BLOC FONCTIONS DEPUIS N°299	A	520091
1	300163	1	PLUG BSPP 1/8	BOUCHON BSPP 1/8		
2	950089	1	PRESSURE RELIEF VALVE DB04E 250V	LIMITEUR DE PRESSION DB4E 250V		
3	950098	1	JET M06 Ø 1	GICLEUR M06 Ø 1		
4	950112	8	M18x1.5 NUT	ECROU M18x1.5		
5	950113	8	CAP	COIFFE		
6	952028	5	PRESSURE RELIEF VALVE 0 - 250 BAR	LIMITEUR DE PRESSION 0 - 250 BAR		
7	952031	8	24 VDC COIL	BOBINE 24V		
8	952042	2	COMPLETE SPOOL KIT	KIT TIROIR COMPLET		
9	952043	1	COMPLETE SPOOL KIT	KIT TIROIR COMPLET		
10	952044	1	S/N PRIOR #299 COMPLETE SPOOL KIT	KIT TIROIR COMPLET AVANT N°299		
10	952076	1	S/N SINCE #299 COMPLETE SPOOL KIT	KIT TIROIR COMPLET DEPUIS N°299		
11	952081	1	2/2 SOLENOID VALVE	DISTRIBUTEUR A TIROIR 2/2		

SECTION 3 CHASSIS ASSEMBLY / ASSEMBLAGE CHASSIS

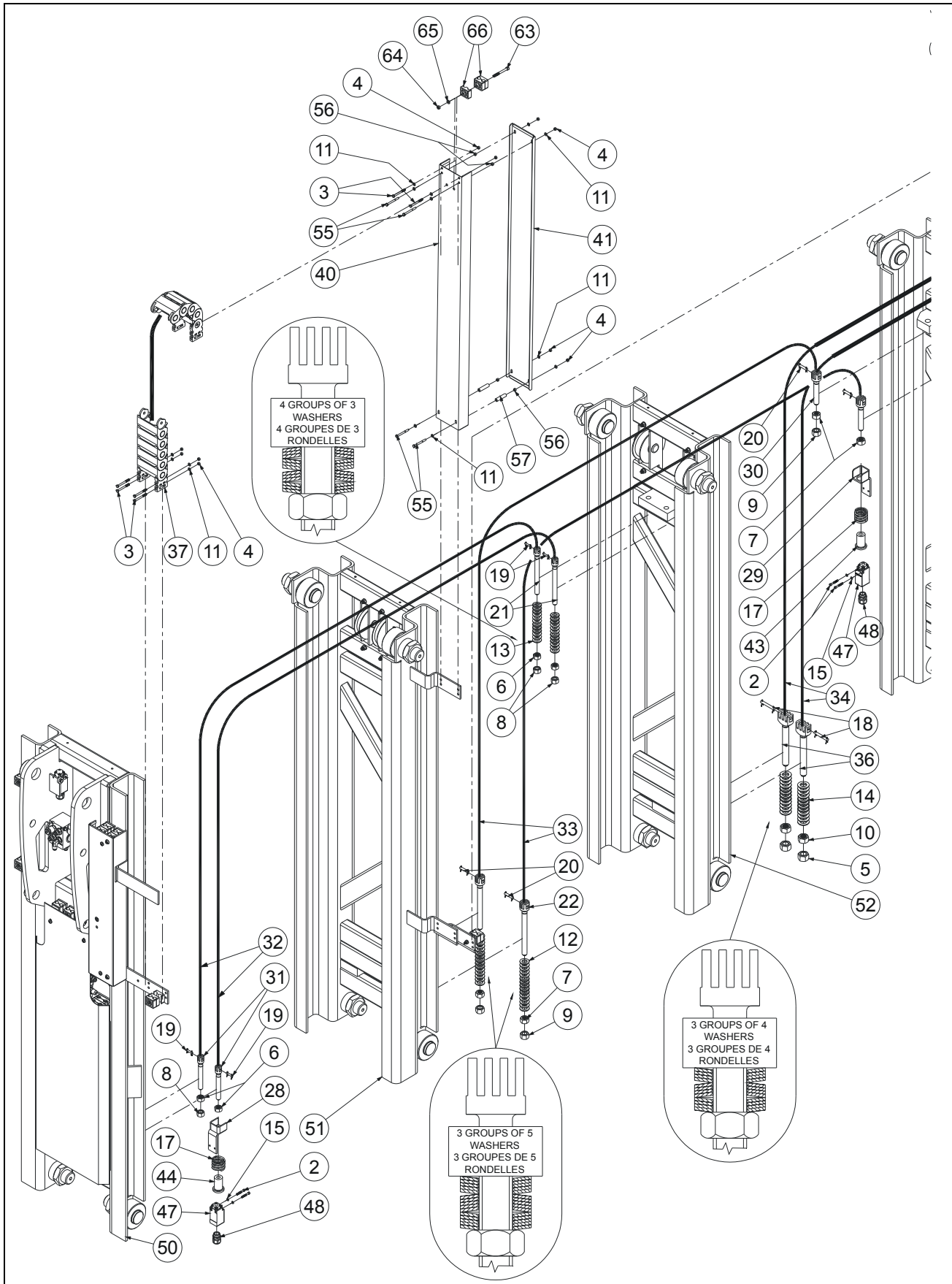
FIGURE 3-1-12-1. FUNCTIONS MANIFOLD / BLOC FONCTIONS (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

**SECTION 4
MASTS INSTALL /
INSTALLATION MATS**

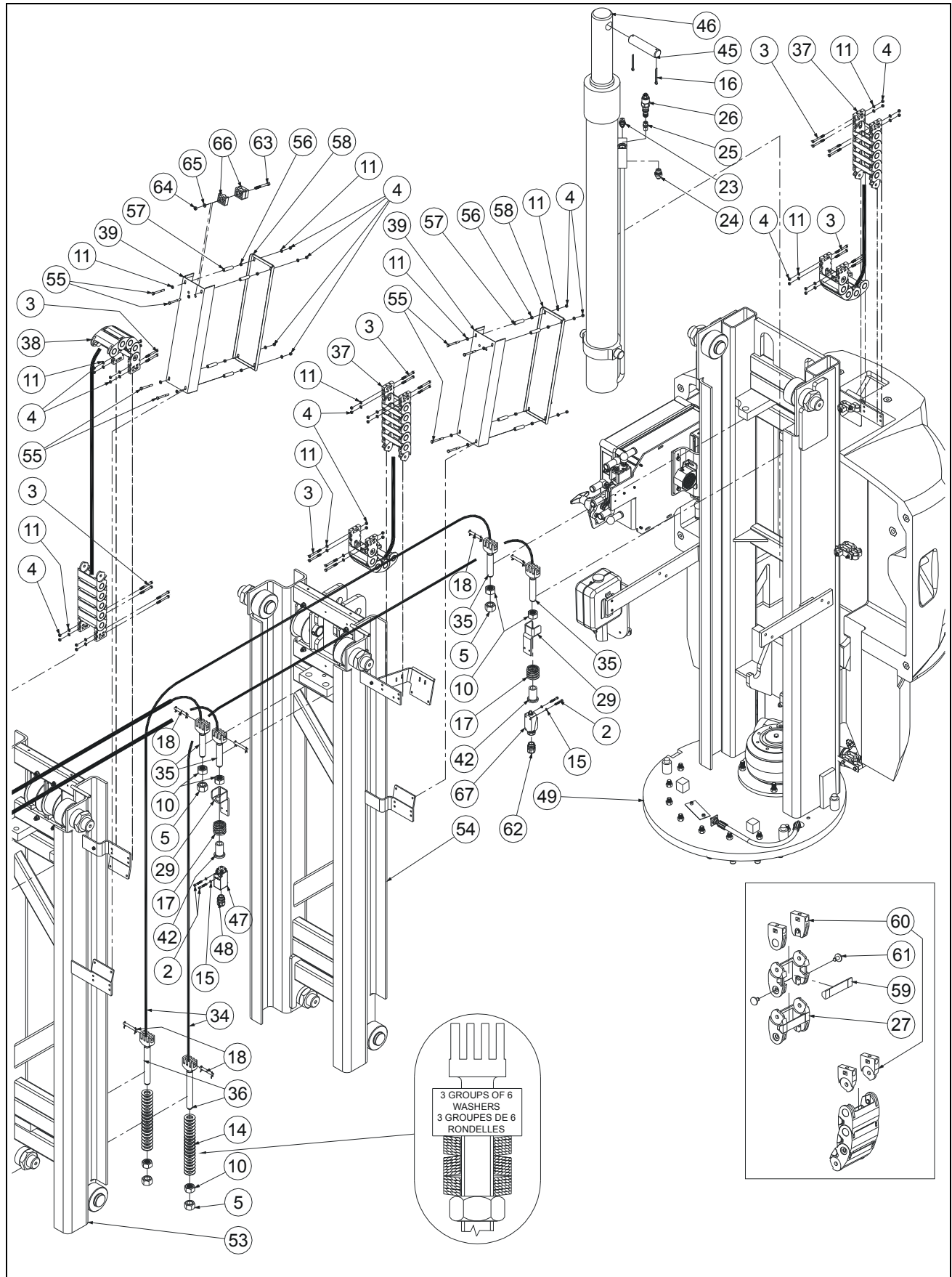
SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1. MASTS ASSEMBLY / ASSEMBLAGE MATS



SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1. MASTS ASSEMBLY / ASSEMBLAGE MATS



SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1. MASTS ASSEMBLY / ASSEMBLAGE MATS

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			MAST INSTALL	INSTALLATION DU MAT	B	SP1200
2	000007	8	M04x30 8.8 SOCKET HEAD CAPSCREW	VIS CHC M04x30 8.8 BI FP		
3	100145	30	M05x50 8.8 HEX HEAD MACHINE SCREW	VIS H M05x50 8.8 BI FT	A	
4	110002	42	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
5	110006	6	M20 GR. 8.8 LOCK NUT	ECROU FREIN M20 8.8 BI		
6	110009	4	M14 GR. 8.8 HEX NUT	ECROU H M14 8.8 BI		
7	110010	4	M16 GR. 8.8 HEX NUT	ECROU H M16 8.8 BI		
8	110019	3	M14 GR. 8.8 LOCK NUT	ECROU FREIN H M14 8.8 BI		
9	110020	3	M16 GR. 8.8 LOCK NUT	ECROU FREIN M16		
10	110025	8	M20 GR. 8.8 HEX NUT	ECROU H M20 8.8 BI		
11	120002	54	M05 WASHER	RONDELLE M05 BI	A	
12	120006	30	Ø34x16.3x1.5 SPRING WASHER	RONDELLE RESSORT Ø34x16.3x1.5 BR		
13	120017	24	SPRING WASHER Ø34x14.3x1.5	RONDELLE RESSORT Ø34x14.3x1.5 BR		
14	120018	60	SPRING WASHER Ø40x20.4x2	RONDELLE RESSORT 40x20.4x2 BR		
15	120024	8	M04 LOCK WASHER	RONDELLE CONTACT M04 BI		
16	140009	2	Ø4.5x50 COTTER PIN	GOUPILLE FENDUE Ø4.5x50		
17	160010	4	C 360 450 320 SPRING	RESSORT C 360 450 320		
18	170002	8	M20 CLEVIS PIN	AXE DE CHAPE M20		
19	170007	4	M14 CLEVIS PIN	AXE DE CHAPE M14		
20	170008	4	M16 CLEVIS PIN	AXE DE CHAPE M16		
21	170009	2	M14x150 CHAIN ANCHOR	CHAPE DE CHAINE M14x150		
22	170010	2	CHAIN ANCHOR M16x160	CHAPE DE CHAINE M16x160		
23	300001	1	90° ELBOW MALE BSPP 1/4-MALE JIC 9/16	COUDE 90° Male BSPP 1/4 -Male JIC 9/16		
24	300040	1	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
25	310037	1	FLOW REGULATOR VALVE 9L/mn	REGULATEUR DE DEBIT 9L/mn		
26	310055	1	COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		
27	920025	x	POWER BRIDGE LINK	MAILLON CHAINE PORTE CABLES		
28	SD0345	1	SWITCH HOLDER	SUPPORT CAPTEUR		
29	SD0464	3	SWITCH HOLDER	SUPPORT CAPTEUR		
30	ST0099	2	CHAIN ANCHOR M16x80	CHAPE DE CHAINE M16x80		
31	ST0120	2	CHAIN ANCHOR M14x90	CHAPE DE CHAINE M14x90		
32	ST0178	2	LL 10-44 CHAIN	CHAINE LL 10-44		
33	ST0179	2	LL 12-66 CHAIN	CHAINE LL 12-66		
34	ST0751	4	LH 12-66 CHAIN	CHAINE LH 12-66		
35	ST0752	4	CHAIN ANCHOR M20x80	CHAPE M20x80		
36	ST0828	4	CHAIN ANCHOR M20x135	CHAPE M20x135		
37	ST2447	3	POWER BRIDGE	CHAINE PORTE CABLES		
38	ST2448	1	POWER BRIDGE	CHAINE PORTE CABLES		
39	ST2735	2	HOSE GUARD CHANNEL	GOULOTTE	A	
40	ST2738	1	HOSE GUARD CHANNEL	GOULOTTE	A	
41	ST2737	1	HOSE GUARD COVER	COUVERCLE GOULOTTE	A	

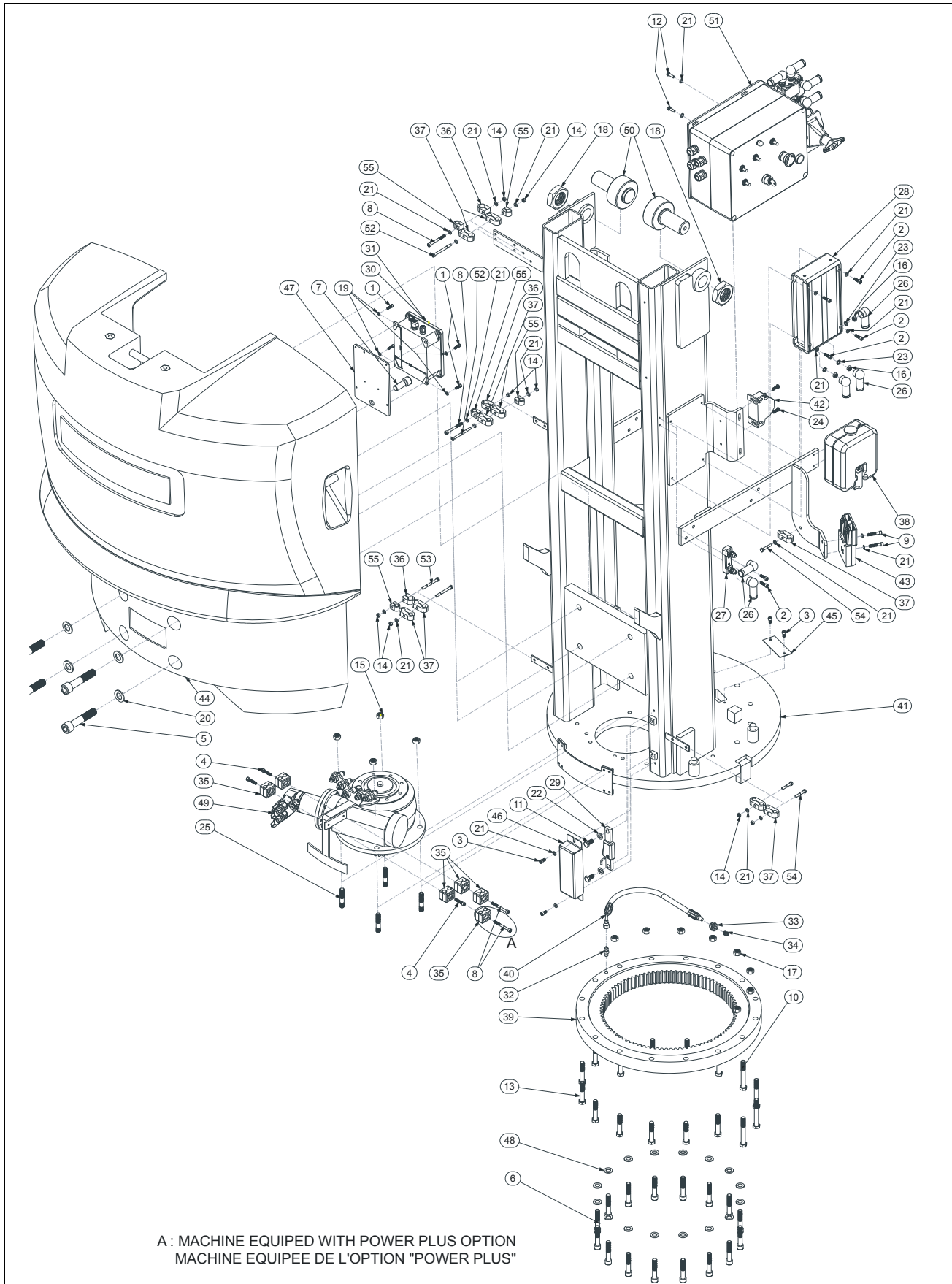
SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1. MASTS ASSEMBLY / ASSEMBLAGE MATS (CONTINUED)

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
42	US0203	2	ACTUATOR M20	ACTIONNEUR M20		
43	US0204	1	ACTUATOR M16	ACTIONNEUR M16		
44	US0208	1	ACTUATOR M14	ACTIONNEUR M14		
45	US0465	1	CYLINDER PIN/MAST	AXE VERIN/MAT		
46		1	MAST CYLINDER	VERIN DE MAT		APPENDIX A
47	260016	3	CROUZET-NO/NC SWITCH PG13	CROUZET-CAPTEUR NO/NF PE13	B	
47	260327	3	TELEMECANIQUE-NO/NC SWITCH PG11	TELEMECANIQUE-CAPTEUR NO/NF PE11	B	
48	210062	3	CROUZET - GLAND N°13 Ø5 IP65	CROUZET - PRESSE ETOUPE N°13 Ø5 IP65	B	
48	210018	3	TELEMECANIQUE-GLAND N°11	TELEMECANIQUE-PRESSE ETOUPE N°11	B	
49		1	MAST 1 ASSEMBLY	ASSEMBLAGE MAT 1		SP1202
50		1	MAST 6 ASSEMBLY	ASSEMBLAGE MAT 6		SP1232
51		1	MAST 5 ASSEMBLY	ASSEMBLAGE MAT 5		SP1233
52		1	MAST 4 ASSEMBLY	ASSEMBLAGE MAT 4		SP1234
53		1	MAST 3 ASSEMBLY	ASSEMBLAGE MAT 3		SP1235
54		1	MAST 2 ASSEMBLY	ASSEMBLAGE MAT 2		SP1236
55	100148	12	M05x60 8.8 HEX HEAD MACHINE SCREW	VIS H M05x60 8.8 BI FT	A	
56	110013	12	M05 GR. 8.8 HEX NUT	ECROU H M05 8.8 BI	A	
57	DT0408	10	SPACER	ENTRETOISE	A	
58	ST2736	2	HOSE GUARD COVER	COUVERCLE GOULOTTE	A	
59	920068	x	SR355A065 POWER BRIDGE CLIP	CLIP CHAINE PORTE-CABLE SR355A065	A	
60	920072	x	SR355 POWER BRIDGE ATTACHMENT KIT	KIT ATTACHES CHAINE PORTE CBL SR355	A	
61	920074	x	PG355 POWER BRIDGE PIN	AXE CHAINE PORTE-CABLE PG355	A	
62	210059	1	GLAND N°13 2xØ5 IP65	PRESSE ETOUPE N°13 2xØ5 IP65	B	
63	000073	2	M06x55 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x55 8.8 BI FP	B	
64	110003	2	M06 GR08 LOCK NUT	ECROU FREIN M6 CL08 BI	B	
65	120009	2	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI	B	
66	400018	3	CLAMP, TWIN D12	COLLIER DOUBLE D12	B	
67	260326	1	NO/NC SWITCH PG13	CAPTEUR NO/NF PE13	B	

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-1. S/N PRIOR/AVANT #482 MAST 1 ASSEMBLY / ASSEMBLAGE MAT 1



SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-1. S/N PRIOR/AVANT #482 MAST 1 ASSEMBLY / ASSEMBLAGE MAT 1

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			MAST 1 ASSEMBLY	ASSEMBLAGE MAT 1	E	SP1202
1	000003	4	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
2	000005	6	M06x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x20 8.8 BI FT	A	
3	000014	4	M06x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x12 8.8 BI FT		
4	000016	3	M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT	A	
5	000038	4	M20x100 8.8 SOCKET HEAD CAPSCREW	VIS CHC M20x100 8.8 BI FP		
6	000041	16	M12x65 10.9 SOCKET HEAD C.SCR black	VIS CHC M12x65 10.9 BR FT		
7	000049	1	M16x40 8.8 SOCKET HEAD MACH SCREW	VIS CHC M16x40 8.8 BI FT		
8	000076	4	M06x60 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x60 8.8 BI FP	A	
9	000077	2	M06x35 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x35 8.8 BI FP		
10	100038	8	M12x90 10.9 HEX HEAD CAPSCREW Black	VIS H M12x90 10.9 BR FP		
11	100045	2	M10x20 8.8 HEX HEAD MACH SCREW Black	VIS H M10x20 8.8 BR FT		
12	100005	2	M06x20 8.8 HEX HEAD MACHINE SCREW	VIS H M06x20 8.8 BI FT	A	
13	100146	8	M12x65 10.9 Black HEX HEAD CAP- SCREW	VIS H M12x65 10.9 BR FP		
14	110003	8	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
15	110014	4	M12 GR. 8.8 LOCK NUT	ECROU FREIN M12 8.8 BI		
16	110016	3	M08 GR. 8.8 HEX NUT	ECROU H M08 8.8 BI		
17	110017	8	M12 GR. 10.9 LOCK NUT	ECROU FREIN H M12 10.9 BI		
18	110036	2	M42x4.5 GR. 4 FLAT HEX NUT	ECROU Hm M42x4.5 GR 4 BI		
19	120002	4	M05 WASHER	RONDELLE M05 BI		
20	120003	4	Ø20x37x3 WASHER	RONDELLE Ø20x37x3 BI		
21	120009	22	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI	A	
22	120011	2	dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		
23	120021	3	HELICAL SPRING LOCK WASHER Ø8	RONDELLE GROWER Ø8 BI		
24	130021	2	M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		
25	130045	4	M12x25 GR. 8.8 STUD Black	GOUJON M12x25 8.8 ZI		
26	250031	5	TERMINAL CAP	CAPUCHON D'ETANCHEITE		
27	260077	1	POWER FUSE HOLDER	PORTE FUSIBLE DE PUISSANCE		
28	260147	1	ELECTRONIC CONTROLLER	VARIATEUR ELECTRONIQUE		
29	260255	1	STRAIN GAUGE	CAPTEUR A DEFORMATION		
30	260256	1	S/N PRIOR #357 LLD 100i BOARD BOX	BOITIER CARTE LLD 100i AVANT N°357	E	
30	260283	1	S/N SINCE #357 LLD300M82 BOARD BOX	BOITIER CARTE LLD300M82 DEPUIS N°357	E	
31	290028	1	S/N PRIOR #357 LLD 100iNEXT BOARD	CARTE LLD 100iNEXT AVANT N°357	E	
31	290050	1	S/N SINCE #357 LLD300M82 BOARD	CARTE LLD300M82 DEPUIS N°357	E	
32	300128	1	FITTING MALE BSPT 1/8-MALE JIC 7/16	RACCORD MALE BSPT 1/8-JIC 7/16		
33	300129	1	FITTING FEEDTHROUGH BSPP 1/8	TRAVERSEE DE CLOISON BSPP 1/8		
34	310057	1	GREASE FITTING 1/8 BSPT	GRAISSEUR BSPT 1/8		
35	400018	6	PAIR 1/2 SHELL Ø12-12	PAIRE DEMI COQUILLE Ø12-12		

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-1. S/N PRIOR/AVANT #482 MAST 1 ASSEMBLY / ASSEMBLAGE MAT 1 (CONTINUED)

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
36	400045	3	SIMPLE CLAMP Ø16 mm	COLLIER SIMPLE Ø16 mm	A	
37	400046	9	PAIR 1/2 SHELL D12 mm	PAIRE DEMI COQUILLE D12 mm		
38	400058	1	DISTILLED WATER CAN KIT	KIT BIDON D'EAU DISTILLEE		
39	500002	1	SLEWING RING	COURONNE D'ORIENTATION		
40	DF0661	1	GREASING EXTENSION	RALLONGE DE GRAISSAGE		
41	DL0618	1	MAST 1	MAT 1		
42	260274	1	HORN	AVERTISSEUR SONORE	E	
43	PC0223	1	HARNESS ASSEMBLY-POWER SUPPLY	FAISCEAU ALIMENTATION		
44	ST2322	1	COUNTERWEIGHT	CONTREPOIDS		
45	ST2477	1	GREASING HATCH	TRAPPE DE GRAISSAGE		
46	ST2485	1	STRAIN GAUGE CAP	COUVERCLE CAPTEUR A DEFORMATION		
47	ST2515	1	LIMITATION BOX PLATE	PLATINE BOITIER LIMITEUR		
48	US0190	16	dDH 13x20x02 HEAT TREATED WASHER	RONDELLE TRAITEE dDH 13x20x02		
49		1	SLEWING DRIVE ASSEMBLY	ASSEMBLAGE REDUCT. D'ORIENTATION		SP1203
50	SE0520	2	ROLLER ASSEMBLY	ASSEMBLAGE GALET	E	
51		1	LCB MOUNTING PLATE ASSEMBLY	ASSEMBLAGE PLATINE BOITIER BAS		SP1218
52	000087	2	M06x80 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x80 8.8 BI FP	A	
53	100020	2	M06x60 8.8 HEX HEAD CAPSCREW	VIS H M06x60 8.8 BI FP	A	
54	100051	3	M06x35 8.8 HEX HEAD MACHINE SCREW	VIS H M06x35 8.8 BI FT	A	
55	400047	5	SIMPLE CLAMP Ø12 mm	COLLIER SIMPLE Ø12 mm	A	

**SECTION 4 MASTS INSTALL /
INSTALLATION MATS**

FIGURE 4-1-1. S/N PRIOR/AVANT #482 MAST 1 ASSEMBLY / ASSEMBLAGE MAT 1 (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-2. S/N SINCE/DEPUIS #482 MAST 1 ASSEMBLY / ASSEMBLAGE MAT 1

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			MAST 1 ASSEMBLY	ASSEMBLAGE MAT 1	F	SP1202
1			NOT REQUIRED	NON REQUIS	C	
2	000005	6	M06x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x20 8.8 BI FT	A	
3	000014	4	M06x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x12 8.8 BI FT		
4	000016	3	M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT	A	
5	000038	4	M20x100 8.8 SOCKET HEAD CAPSCREW	VIS CHC M20x100 8.8 BI FP		
6	000041	16	M12x65 10.9 SOCKET HEAD C.SCR black	VIS CHC M12x65 10.9 BR FP		
7			NOT REQUIRED	NON REQUIS	C	
8	000076	4	M06x60 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x60 8.8 BI FP	A	
9			NOT REQUIRED	NON REQUIS	D	
10	100038	8	M12x90 10.9 HEX HEAD CAPSCREW Black	VIS H M12x90 10.9 BR FP		
11	100009	2	M10x30 8.8 HEX HEAD MACHINE SCREW	VIS H M10x30 8.8 BI FT	B	
12	100005	2	M06x20 8.8 HEX HEAD MACHINE SCREW	VIS H M06x20 8.8 BI FT	A	
13	100146	8	M12x65 10.9 Black HEX HEAD CAP- SCREW	VIS H M12x65 10.9 BR FP		
14	110003	8	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
15			NOT REQUIRED	NON REQUIS	D	
16	110016	3	M08 GR. 8.8 HEX NUT	ECROU H M08 8.8 BI		
17	110017	12	M12 GR. 10.9 LOCK NUT	ECROU FREIN H M12 10.9 BI	D	
18	110036	2	M42x4.5 GR. 4 FLAT HEX NUT	ECROU Hm M42x4.5 GR 4 BI		
19			NOT REQUIRED	NON REQUIS	C	
20	120003	4	Ø20x37x3 WASHER	RONDELLE Ø20x37x3 BI		
21	120009	22	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI	A	
22	120011	2	dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		
23	120021	3	HELICAL SPRING LOCK WASHER Ø8	RONDELLE GROWER Ø8 BI		
24	130021	2	M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		
25	130045	4	M12x25 GR. 8.8 STUD Black	GOUJON M12x25 8.8 ZI		
26	250031	5	TERMINAL CAP	CAPUCHON D'ETANCHEITE		
27	260077	1	POWER FUSE HOLDER	PORTE FUSIBLE DE PUISSANCE		
28	260147	1	ELECTRONIC CONTROLLER	VARIATEUR ELECTRONIQUE		
29	260255	1	STRAIN GAUGE	CAPTEUR A DEFORMATION		
30			NOT REQUIRED	NON REQUIS	C	
31			NOT REQUIRED	NON REQUIS	C	
32	300128	1	FITTING MALE BSPT 1/8-MALE JIC 7/16	RACCORD MALE BSPT 1/8-JIC 7/16		
33	300129	1	FITTING FEEDTHROUGH BSPP 1/8	TRAVERSEE DE CLOISON BSPP 1/8		
34	310057	1	GREASE FITTING 1/8 BSPT	GRAISSEUR BSPT 1/8		
35	400018	6	PAIR 1/2 SHELL Ø12-12	PAIRE DEMI COQUILLE Ø12-12		
36	400045	4	SIMPLE CLAMP Ø16 mm	COLLIER SIMPLE Ø16 mm	D	
37	400046	8	PAIR 1/2 SHELL D12 mm	PAIRE DEMI COQUILLE D12 mm	D	D
38	400058	1	DISTILLED WATER CAN KIT	KIT BIDON D'EAU DISTILLEE		
39	500002	1	SLEWING RING	COURONNE D'ORIENTATION		

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-2. S/N SINCE/DEPUIS #482 MAST 1 ASSEMBLY / ASSEMBLAGE MAT 1 (CONTINUED)

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
40	DF0661	1	GREASING EXTENSION	RALLONGE DE GRAISSAGE		
41	DL0734	1	MAST 1	MAT 1	C	
42	260274	1	HORN	AVERTISSEUR SONORE	E	
43	PC0223	1	HARNESS ASSEMBLY-POWER SUPPLY	FAISCEAU ALIMENTATION		
44	ST2322	1	COUNTERWEIGHT	CONTREPOIDS		
45	ST2477	1	GREASING HATCH	TRAPPE DE GRAISSAGE		
46	ST2485	1	STRAIN GAUGE CAP	COUVERCLE CAPTEUR A DEFORMATION		
47			NOT REQUIRED	NON REQUIS	C	
48	US0190	16	dDH 13x20x02 HEAT TREATED WASHER	RONDELLE TRAITEE dDH 13x20x02		
49		1	SLEWING DRIVE ASSEMBLY	ASSEMBLAGE REDUCT. D'ORIENTATION		SP1203
50	SE0520	2	ROLLER ASSEMBLY	ASSEMBLAGE GALET	D	
51		1	LCB MOUNTING PLATE ASSEMBLY	ASSEMBLAGE PLATINE BOITIER BAS		SP1218
52	000087	2	M06x80 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x80 8.8 BI FP	A	
53	100020	2	M06x60 8.8 HEX HEAD CAPSCREW	VIS H M06x60 8.8 BI FP	A	
54	100051	5	M06x35 8.8 HEX HEAD MACHINE SCREW	VIS H M06x35 8.8 BI FT	D	
55	400047	5	SIMPLE CLAMP Ø12 mm	COLLIER SIMPLE Ø12 mm	A	

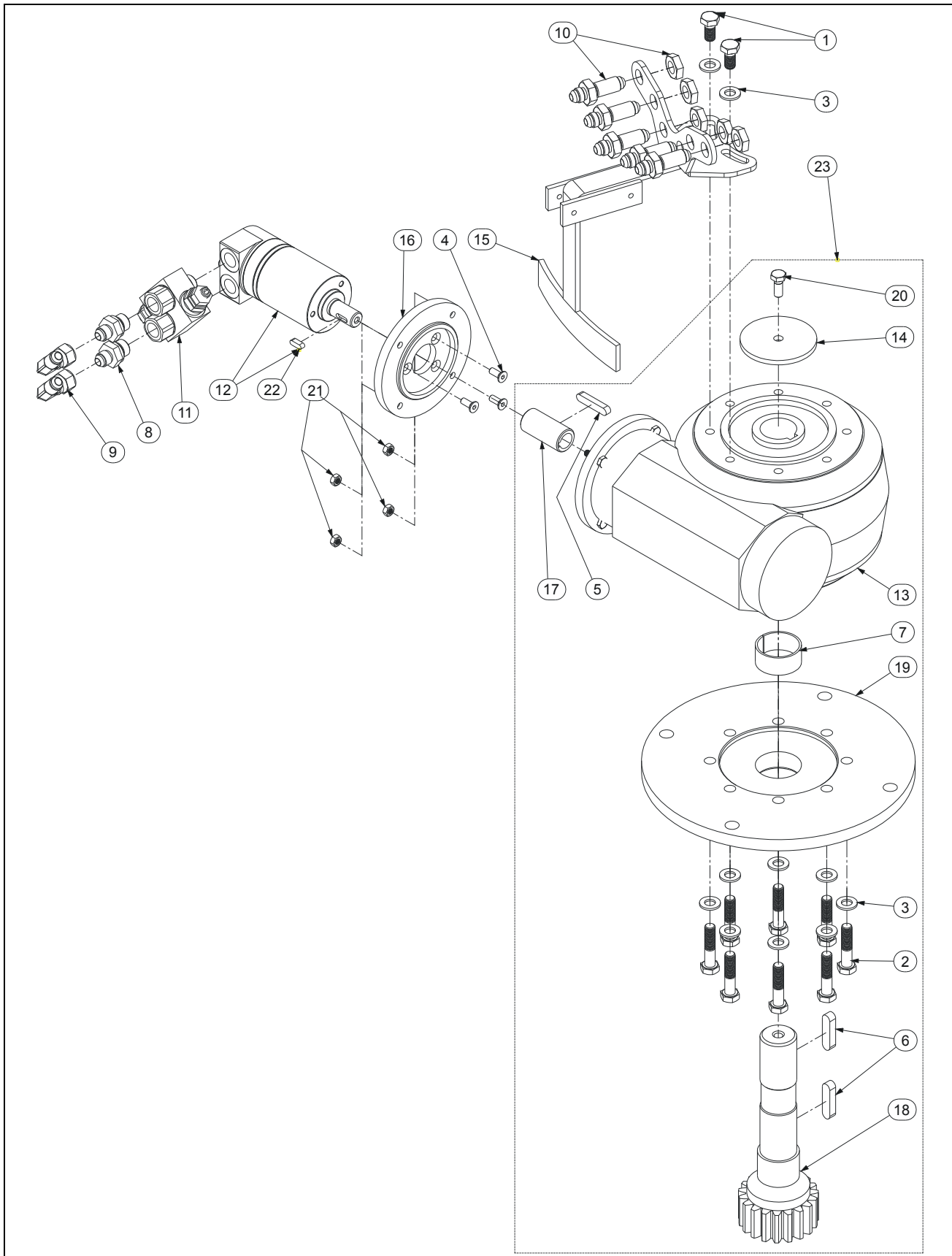
**SECTION 4 MASTS INSTALL /
INSTALLATION MATS**

FIGURE 4-1-2. S/N SINCE/DEPUIS #482 MAST 1 ASSEMBLY / ASSEMBLAGE MAT 1 (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-2-1.SLEWING DRIVE ASSEMBLY / ASSEMBLAGE REDUCTEUR D'ORIENTATION



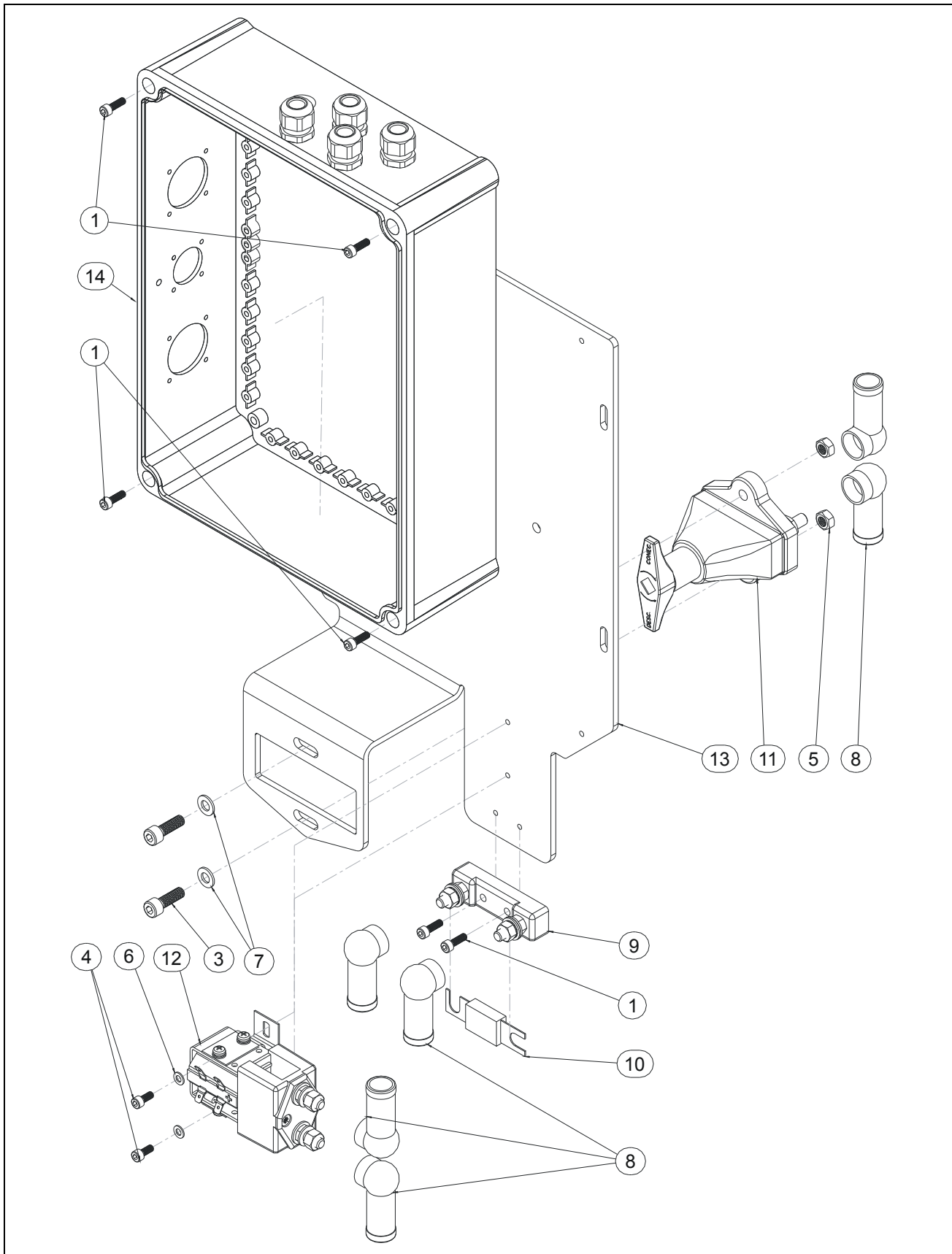
SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-2-1. SLEWING DRIVE ASSEMBLY / ASSEMBLAGE REDUCTEUR D'ORIENTATION

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			SLEWING DRIVE ASSEMBLY	ASSEMBLAGE REDUCT. D'ORIENTATION	B	SP1203
1	100045	2	M10x20 8.8 HEX HEAD MACH SCREW Black	VIS H M10x20 8.8 BR FT	B	
2	100092	8	M10x45 8.8 HEX HEAD MACHINE SCREW	VIS H M10x45 8.8 BI FT		
3	120011	10	dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		
4	130003	3	M06x16 10.9 COUNTERSUNK HEAD M. S.	VIS FHC M06x16 10.9 BI FT		
5	140002	1	A KEY 8x6x40	CLAVETTE FORME A 8x6x40		
6	140003	2	A KEY 10x8x40	CLAVETTE FORME A 10x8x40		
7	150009	1	BUSHING D40 H20	BAGUE D40 H20		
8	300040	2	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
9	300067	2	90° ELBOW M JIC9/16 F JIC9/16 SWIVEL	COUDE Male JIC9/16 Fem JIC9/16 Tour- nant		
10	300089	5	BULKHEAD JIC 9/16	TRVERSE DE CLOISON JIC 9/16		
11	310084	1	DOUBLE RELIEF VALVE MANIFOLD	BLOC LIMITEUR DOUBLE	A	
12	320006	1	SLEWING MOTOR 32cc/rev	MOTEUR D'ORIENTATION 32cm ³ /tr	B	
13	500039	1	GEAR BOX i=56	REDUCTEUR i=56		
14	935001	1	GEAR BOX WASHER	RONDELLE REDUCTEUR		
15	SD0613	1	FITTING FEEDTHROUGH HOLDER	SUPPORT TRAVERSE DE CLOISON		
16	US0044	1	MOTOR ADAPTOR FLANGE	FLASQUE MOTEUR		
17	US0045	1	COUPLING	ACCOUPLMENT		
18	US0383	1	PINION	PIGNON		
19	US0451	1	GEAR BOX ADAPTOR FLANGE	FLASQUE REDUCTEUR		
20	100019	1	M08x20 8.8 HEX HEAD MACHINE SCREW	VIS H M08x20 8.8 BI FT	B	
21	110003	4	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI	B	
22	950006	1	KEY SLEWING MOTOR	CLAVETTE MOTEUR	B	
23	KT0068	1	SWING DRIVE WHITOUT MOTOR	REDUCTEUR SANS MOTEUR	B	

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-2-2.LCB MOUNTING PLATE ASSEMBLY / ASSEMBLAGE PLATINE BOITIER BAS



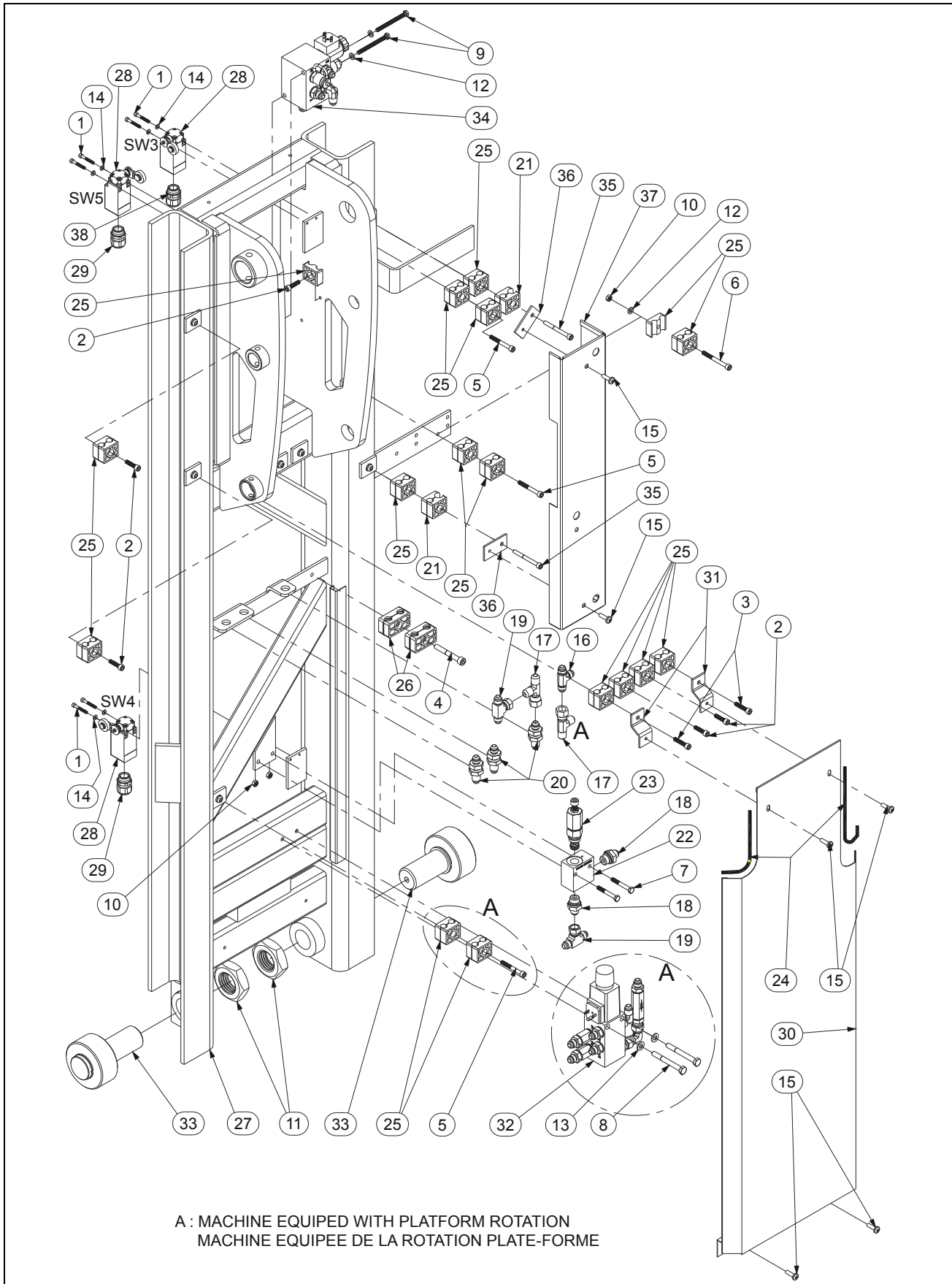
SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-2-2. LCB MOUNTING PLATE ASSEMBLY / ASSEMBLAGE PLATINE BOITIER BAS

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			LCB MOUNTING PLATE ASSEMBLY	ASSEMBLAGE PLATINE BOITIER BAS	C	SP1218
1	000003	6	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
2			NOT REQUIRED	NON REQUIS		
3	000053	2	M08x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x25 8.8 BI FT		
4	000067	2	M05x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x12 8.8 BI FT		
5	110004	2	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
6	120002	2	M05 WASHER	RONDELLE M05 BI	B	
7	120010	2	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
8	250031	6	TERMINAL CAP	CAPUCHON D'ETANCHEITE		
9	260077	1	POWER FUSE HOLDER	PORTE FUSIBLE DE PUISSANCE		
10	260079	1	325A FUSE	FUSIBLE 325A		
11	260230	1	CIRCUIT BREAKER BY 1/4 TURN	COUPE CIRCUIT 1/4 DE TOUR		
12	SE1003	1	POWER RELAY	RELAIS DE PUISSANCE		
13	ST2395	1	S/N PRIOR #482 PLATE	PLATINE AVANT N° 482	C	
13	ST2889	1	S/N SINCE #482 PLATE	PLATINE DEPUIS N° 482	C	
14		1	LOWER CONTROL BOX ASSEMBLY	ASSEMBLAGE BOITIER BAS	C	SECTION 2

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FIGURE 4-1-3. MAST 6 ASSEMBLY / ASSEMBLAGE MAT 6



SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-3. MAST 6 ASSEMBLY / ASSEMBLAGE MAT 6

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			MAST 6 ASSEMBLY	ASSEMBLAGE MAT 6	F	SP1232
1	000007	6	M04x30 8.8 SOCKET HEAD CAPSCREW	VIS CHC M04x30 8.8 BI FP		
2	000008	5	M06x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x25 8.8 BI FT	D	
3	000016	2	M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT	B	
4	000024	1	M08x60 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x60 8.8 BI FT		
5	000026	3	M06x50 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x50 8.8 BI FP	D	
6	000073	1	M06x55 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x55 8.8 BI FP	D	
7	100004	2	M06x45 8.8 HEX HEAD MACHINE SCREW	VIS H M06x45 8.8 BI FT		
8	100025	2	M08x70 8.8 HEX HEAD CAPSCREW	VIS H M08x70 8.8 BI FP		
9	100032	2	M06x70 8.8 HEX HEAD CAPSCREW	VIS H M06x70 8.8 BI FP		
10	110003	3	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
11	110036	2	M42x4.5 GR. 4 FLAT HEX NUT	ECROU Hm M42x4.5 GR 4 BI		
12	120009	3	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI	E	
13	120010	2	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
14	120024	6	M04 LOCK WASHER	RONDELLE CONTACT M04 BI		
15	130021	6	M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT	C	
16	300028	1	TEE JIC 9/16	TE JIC 9/16		
17	300037	2	RUN TEE JIC 9/16 SWIVEL NUT	TE MALE JIC9/16-FEMELLE JIC9/16 TOUR.		
18	300040	2	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
19	300055	2	BRANCH TEE MALE JIC 9/16 SWIVEL NUT	TE Male JIC9/16 TOURNANT CENTRAL	B	
20	300089	3	BULKHEAD JIC 9/16	TRVERSE DE CLOISON JIC 9/16		
21	400092	2	PAIR 1/2 SHELL D12.7 / D15	PAIRE DEMI COQUILLE D12.7 / D15	E	
22	310075	1	DZ VALVE HOUSING	BLOC DE RACCORDEMENT DZ		
23	931003	1	Presstted PRESSURE SEQUENCE VALVE	SOUPAPE DE SEQUENCE PREREGLEE		
24	400007	0.55	EDGE GUARD (quantity indicated in meter)	PROFIL A ARMATURE (quantité en mètres)		
25	400018	16	PAIR 1/2 SHELL Ø12-12	PAIRE DEMI COQUILLE Ø12-12	D	
26	400033	2	PAIR 1/2 SHELL D12.7	PAIRE DEMI COQUILLE D12.7		
27	DL0706	1	S/N PRIOR #636 + #637 TO 644 MAST 6	MAT 6 AVANT N°636 + DE N°637 A 644	F	
27	DL0793	1	S/N SINCE #645 + 636 MAST 6	MAT 6 DEPUIS N°645 + 636	E	
28	260030	3	CROUZET-2NC SWITCH PG13	CROUZET-CAPTEUR 2NF PE13	F	
28	260325	3	TELEMECANIQUE-2NC SWITCH PG11	TELEMECANIQUE-CAPTEUR 2NF PE11	F	
29	210019	2	CROUZET - GLAND N°13	CROUZET - PRESSE ETOUPE N°13	F	
29	210018	2	TELEMECANIQUE - GLAND N°11	TELEMECANIQUE - PRESSE ETOUPE N°11	F	
30	SD0615	1	PROTECTION PLATE	TOLE DE PROTECTION		
31	ST2553	2	PROTECTION PLATE BRACKET	EQUERRE FIXATION TOLE DE PROTECTION		
32	SE0568	1	PLATFORM ROTATION MANIFOLD ASSY	ASSEM. BLOC ROTATION PLATE-FORME	F	SE0568
33	SE0520	2	ROLLER ASSEMBLY	ASSEMBLAGE GALET	E	
34	SE0534	1	S/N PRIOR #636 + #637 TO 644 INCLINATION MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC CORRECTION AVANT N°636 + DE N°637 A 644	F	SE0534

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-3. MAST 6 ASSEMBLY / ASSEMBLAGE MAT 6 (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
34	SE0743	1	S/N SINCE #645 + 636 INCLINATION MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC CORRECTION DEPUIS N°645 + 636	E	SE0743
35	000076	2	M06x60 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x60 8.8 BI FP	D	
36	ST2351	2	CHANNEL FIXATION	FIXATION DE GOULOTTE	C	
37	ST2625	1	CHANNEL	GOULOTTE	B	
38	210062	1	CROUZET - GLAND N°13 Ø5 IP65	CROUZET - PRESSE ETOUPE N°13 Ø5 IP65	F	
38	210018	1	TELEMECANIQUE - GLAND N°11	TELEMECANIQUE - PRESSE ETOUPE N°11	F	

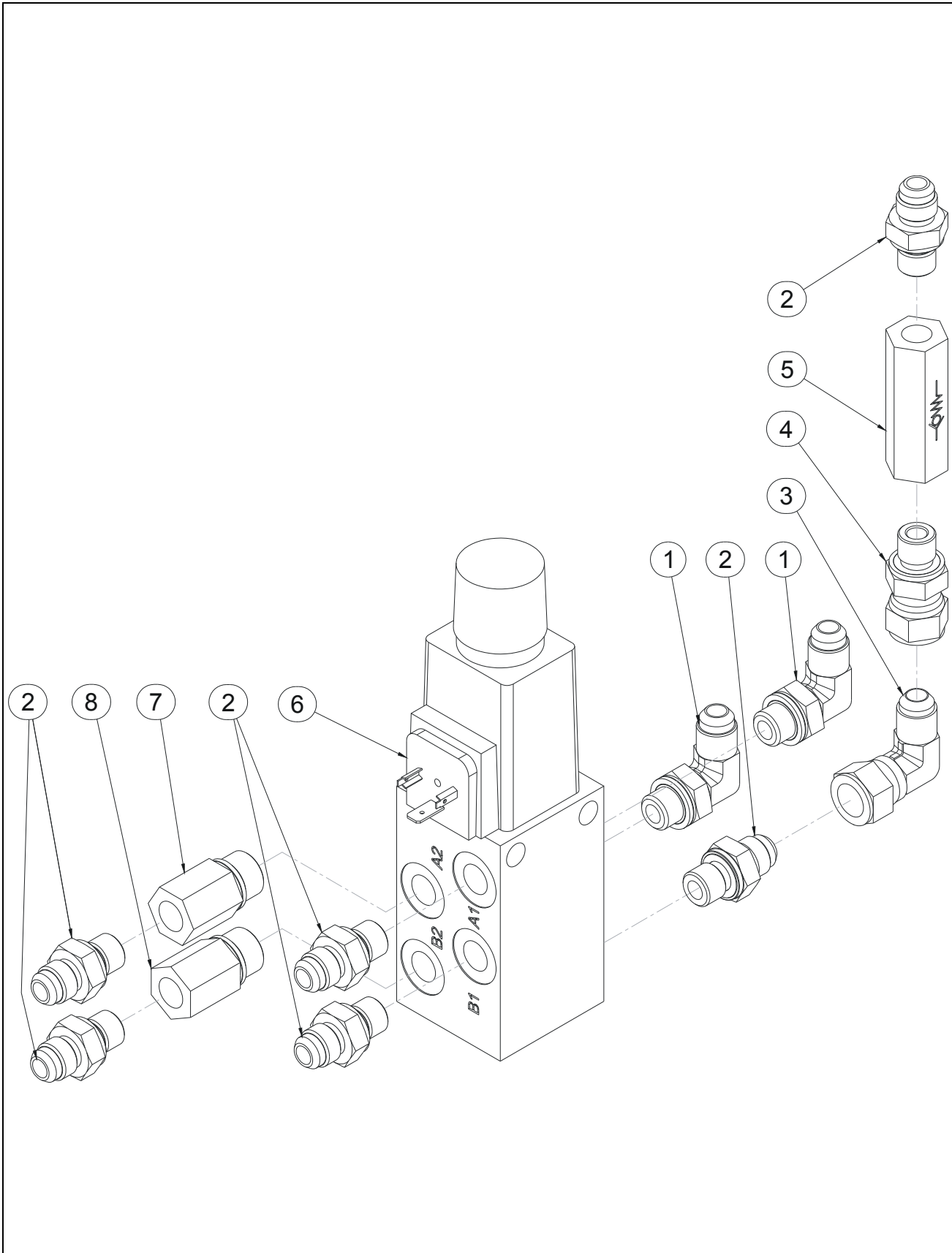
**SECTION 4 MASTS INSTALL /
INSTALLATION MATS**

FIGURE 4-1-3. MAST 6 ASSEMBLY / ASSEMBLAGE MAT 6 (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-3-1.PLATFORM ROTATION MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC ROTATION PLATE-FORME



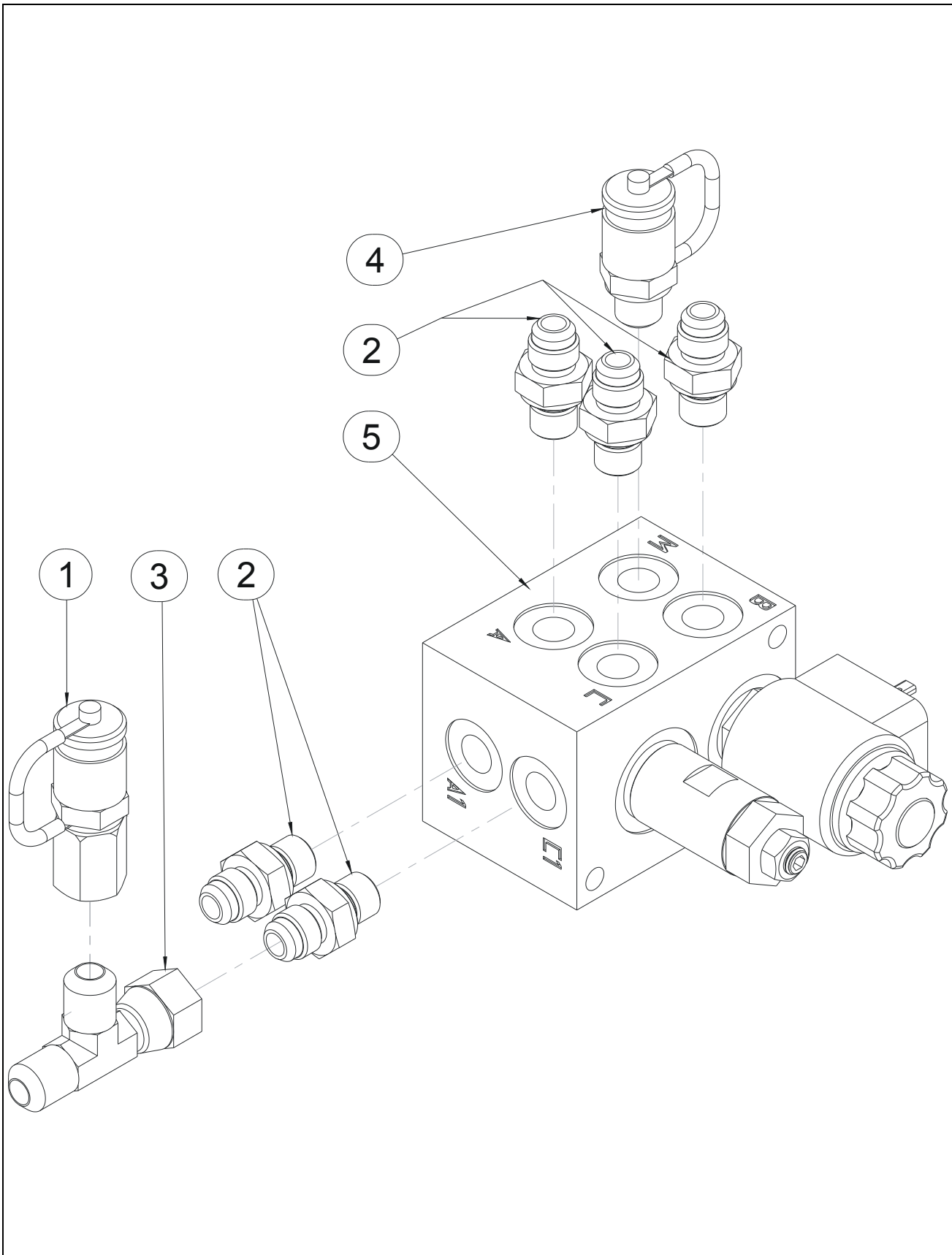
SECTION 4 MASTS INSTALL / INSTALLATION MATS

**FIGURE 4-1-3-1. PLATFORM ROTATION MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC ROTATION
PLATE-FORME**

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0568		PLATFORM ROTATION MANIFOLD ASSY	ASSEM. BLOC ROTATION PLATE-FORME		SE0568
1	300001	2	90° ELBOW MALE BSPP 1/4-MALE JIC 9/16	COUDE 90° Male BSPP 1/4 -Male JIC 9/16		
2	300025	6	FITTING MALE BSPP1/4-MALE JIC9/16	RACCORD MALE BSPP1/4-MALE JIC9/16		
3	300067	1	90° ELBOW M JIC9/16 F JIC9/16 SWIVEL	COUDE Male JIC9/16 Fem JIC9/16 Tour- nant		
4	300073	1	FITTING MALE BSPP 1/4-FEMALE JIC 9/16	RACC. MALE BSPP 1/4 -FEM. JIC 9/16		
5	310060	1	CHECK VALVE	CLAPET ANTI RETOUR		
6	310079	1	PLATFORM ROTATION MANIFOLD	BLOC ROTATION PANIER		
7	310080	1	JET HOLDEUR 1/4" BSPP Ø1	PORTE GICLEUR 1/4" BSPP Ø1		
8	310081	1	JET HOLDEUR 1/4" BSPP Ø0.60	PORTE GICLEUR 1/4" BSPP Ø0.60		

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-3-2.S/N PRIOR/AVANT #636 + #637 TO/A 644 INCLINATION MANIFOLD
ASSEMBLY / ASSEMBLAGE BLOC CORRECTION



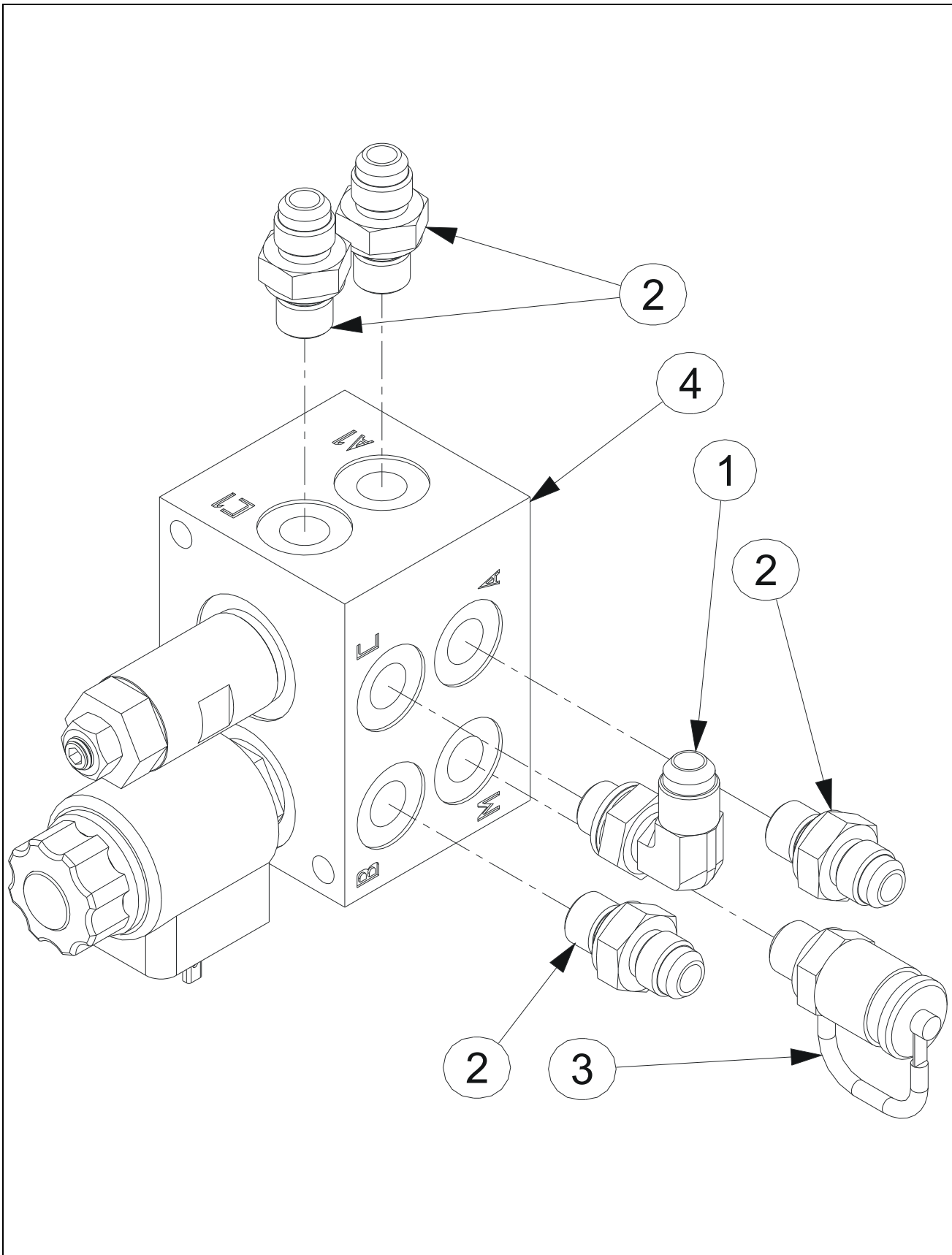
SECTION 4 MASTS INSTALL / INSTALLATION MATS

**FIGURE 4-1-3-2. S/N PRIOR/AVANT #636 + #637 TO/A 644 INCLINATION MANIFOLD ASSEMBLY /
ASSEMBLAGE BLOC CORRECTION**

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0534		INCLINATION MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC CORRECTION		SE0534
1	300004	1	PRESSURE TEST PLUG JIC9/16 SMK	PRISE DE PRESSION JIC 9/16 SMK		
2	300025	5	FITTING MALE BSPP1/4-MALE JIC9/16	RACCORD MALE BSPP1/4-MALE JIC9/16		
3	300037	1	RUN TEE JIC 9/16 SWIVEL NUT	TE MALE JIC9/16-FEMELLE JIC9/16 TOUR.		
4	300101	1	PRESSURE TEST PLUG BSPP1/4	PRISE DE PRESSION BSPP1/4		
5	520086	1	LEVELING MANIFOLD	BLOC CORRECTION		520086

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-3-3.S/N #636 + SINCE/DEPUIS 645 INCLINATION MANIFOLD ASSEMBLY / ASSEMBLAGE BLOC CORRECTION



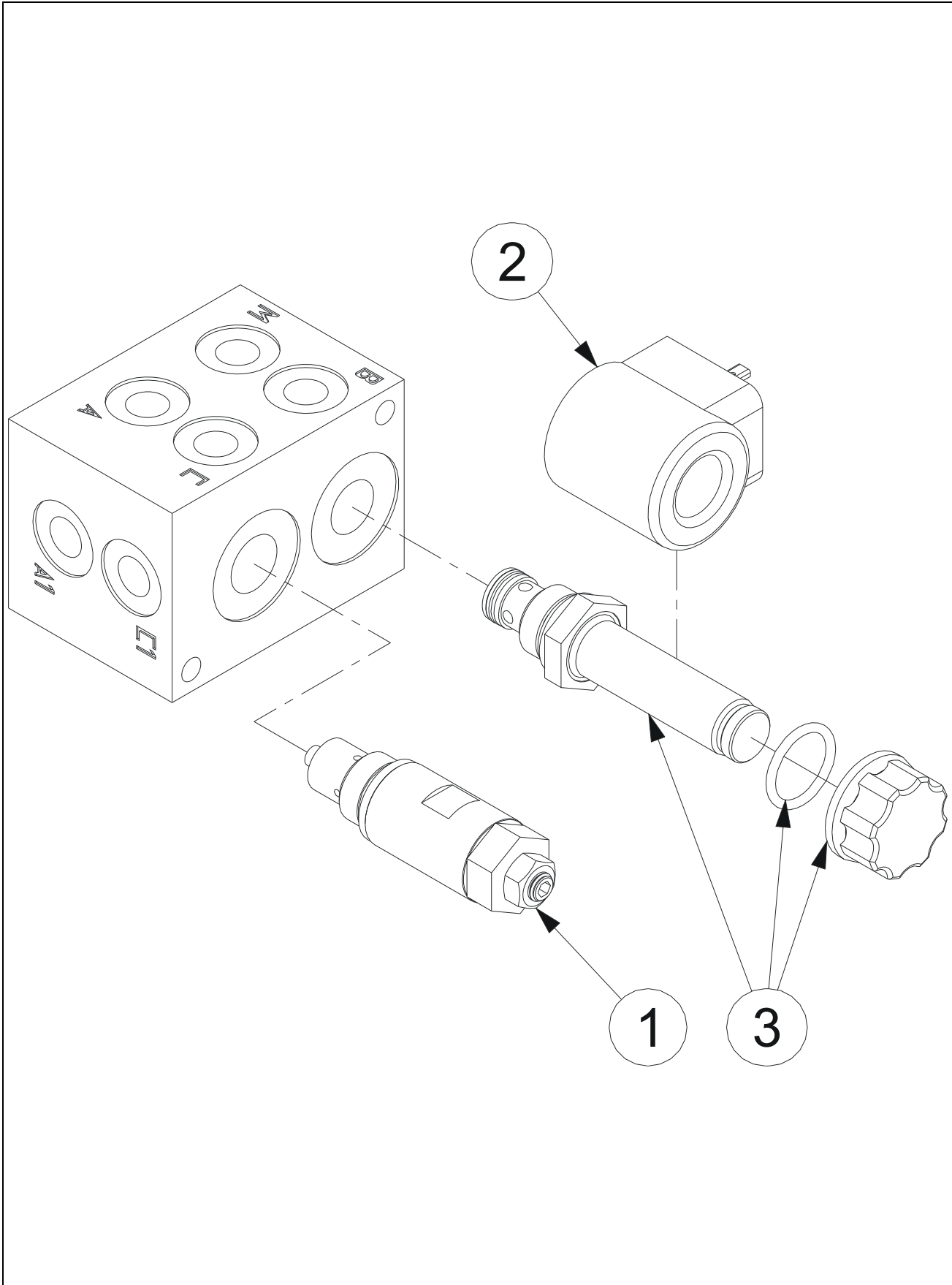
SECTION 4 MASTS INSTALL / INSTALLATION MATS

**FIGURE 4-1-3-3. S/N #636 + SINCE/DEPUIS 645 INCLINATION MANIFOLD ASSEMBLY /
ASSEMBLAGE BLOC CORRECTION**

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	SE0743		INCLINATION MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC CORRECTION		SE0743
1	300001	1	90° ELBOW MALE BSPP 1/4-MALE JIC 9/16	COUDE 90° Male BSPP 1/4 -Male JIC 9/16		
2	300025	4	FITTING MALE BSPP1/4-MALE JIC9/16	RACCORD MALE BSPP1/4-MALE JIC9/16		
3	300101	1	PRESSURE TEST PLUG BSPP1/4	PRISE DE PRESSION BSPP1/4		
4	520086	1	LEVELING MANIFOLD	BLOC CORRECTION		520086

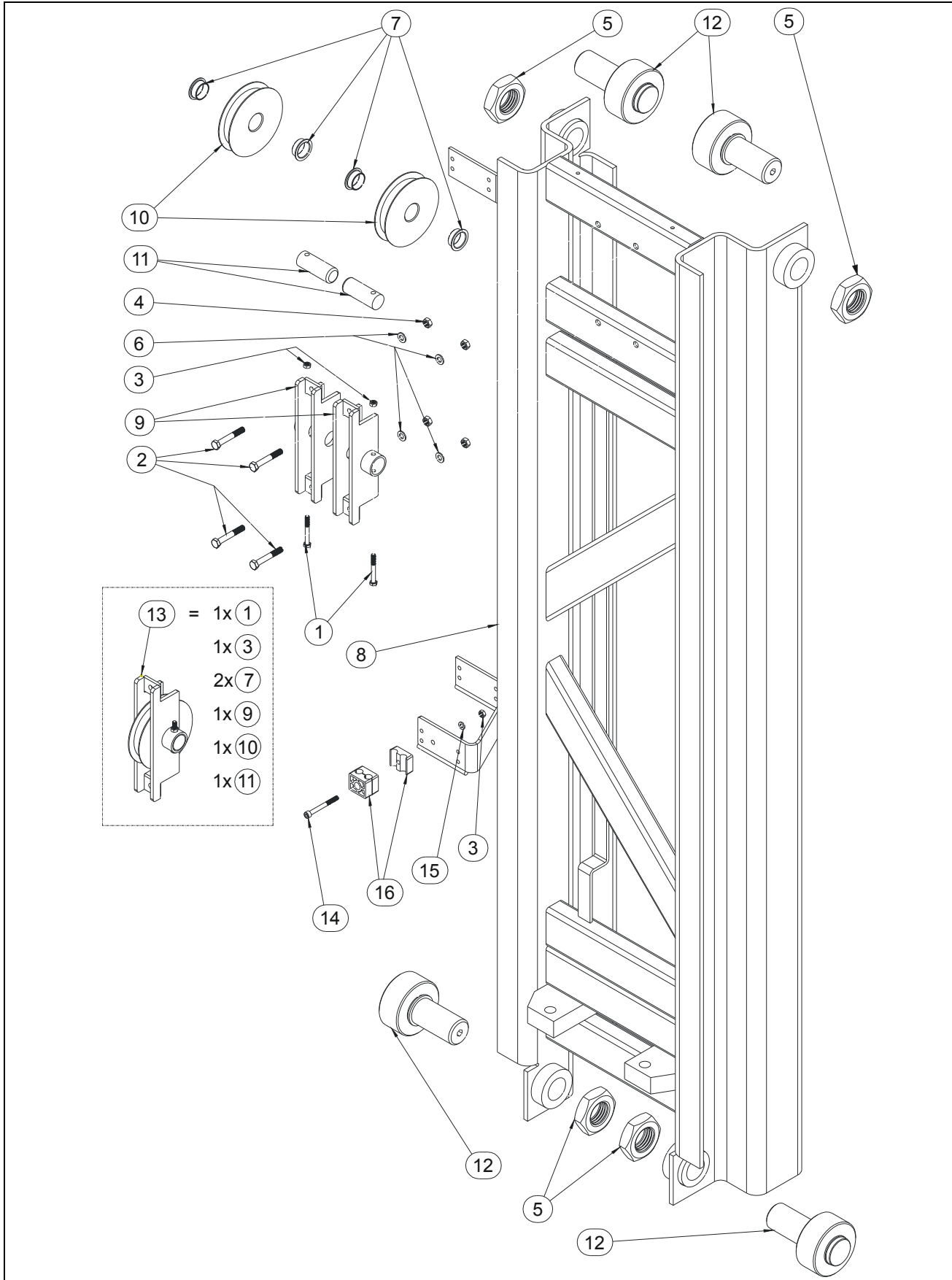
**SECTION 4 MASTS INSTALL /
INSTALLATION MATS**

FIGURE 4-1-3-3-1.LEVELING MANIFOLD / BLOC CORRECTION



SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-4. MAST 5 ASSEMBLY / ASSEMBLAGE MAT 5



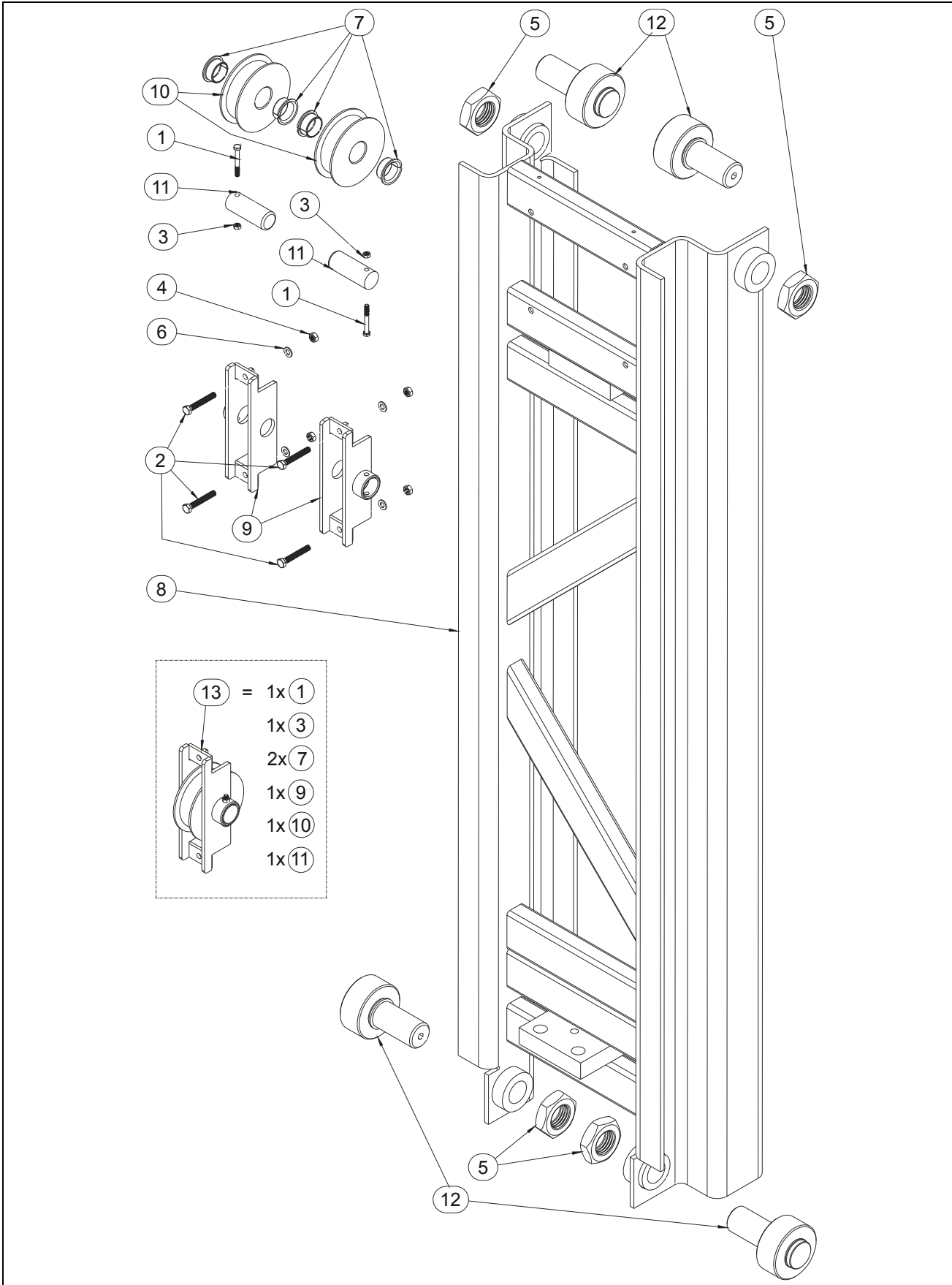
SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-4. MAST 5 ASSEMBLY / ASSEMBLAGE MAT 5

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			MAST 5 ASSEMBLY	ASSEMBLAGE MAT 5	B	SP1233
1	100013	2	M06x50 8.8 HEX HEAD CAPSCREW	VIS H M06x50 8.8 BI FP		
2	100040	4	M08x55 8.8 HEX HEAD CAPSCREW	VIS H M08x55 8.8 BI FP		
3	110003	3	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI	B	
4	110004	4	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
5	110036	4	M42x4.5 GR. 4 FLAT HEX NUT	ECROU Hm M42x4.5 GR 4 BI		
6	120010	4	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
7	150011	4	FLANGE BUSHING Ø25 H11.5 DU	BAGUE EPAULEE Ø25 H11.5 DU		
8	DL0609	1	MAST 5	MAT 5		
9	SD0453	2	PULLEY MOUNT	SUPPORT POULIE		
10	US0475	2	LL10-44 PULLEY	POULIE LL10-44	A	
11	US0377	2	PULLEY PIN	AXE DE SUPPORT POULIE		
12	SE0520	4	ROLLER ASSEMBLY	ASSEMBLAGE GALET	B	
13	SE0730	2	PULLEY ASSEMBLY LL10-44	ASSEMBLAGE SUPPORT POULIE LL10-44		
14	000073	1	M06x55 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x55 8.8 BI FP	B	
15	120009	1	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI	B	
16	400018	2	CLAMP, TWIN D12	COLLIER DOUBLE D12	B	

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FIGURE 4-1-5. MAST 4 ASSEMBLY / ASSEMBLAGE MAT 4



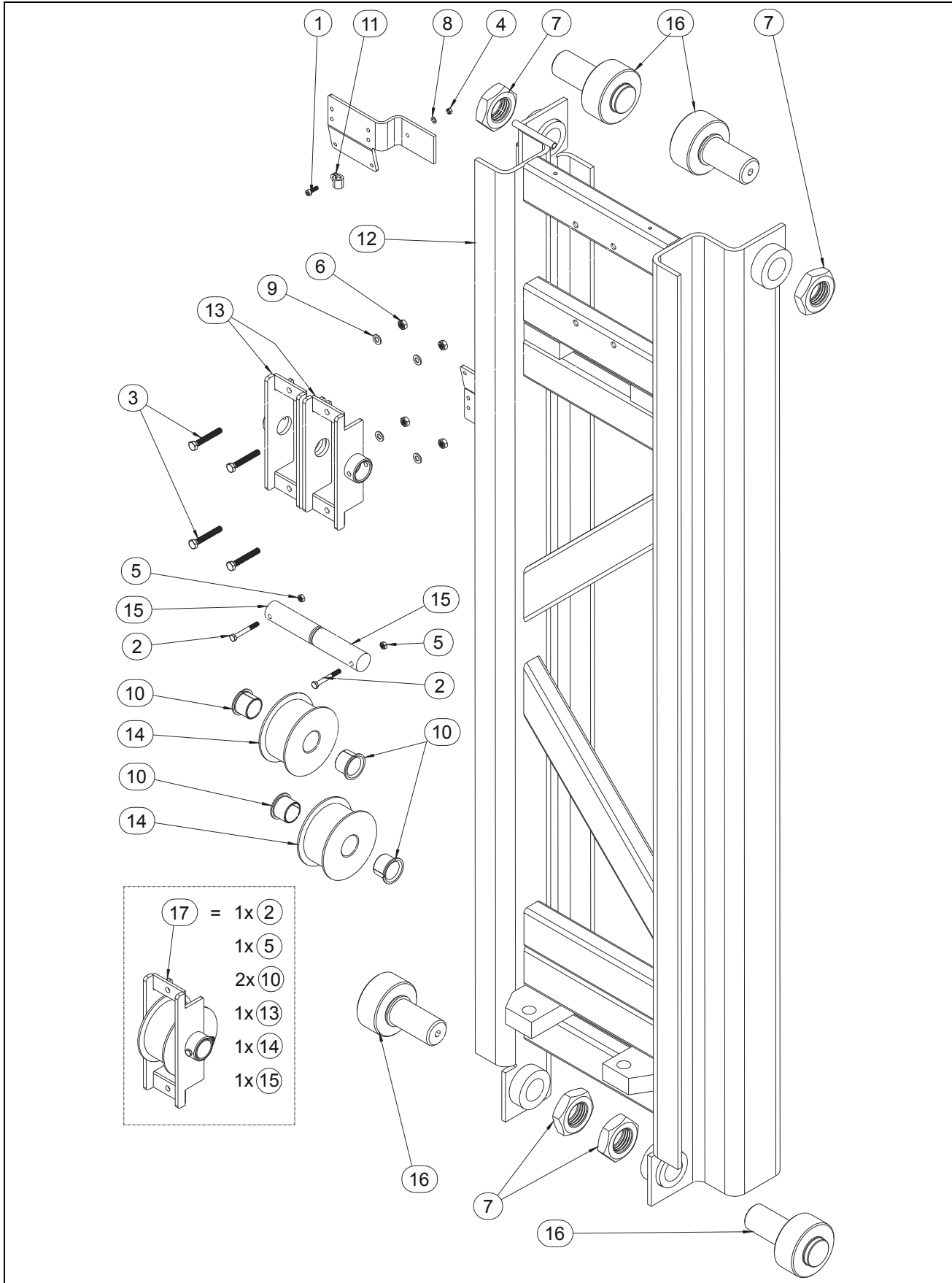
SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-5. MAST 4 ASSEMBLY / ASSEMBLAGE MAT 4

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			MAST 4 ASSEMBLY	ASSEMBLAGE MAT 4	B	SP1234
1	100013	2	M06x50 8.8 HEX HEAD CAPSCREW	VIS H M06x50 8.8 BI FP		
2	100040	4	M08x55 8.8 HEX HEAD CAPSCREW	VIS H M08x55 8.8 BI FP		
3	110003	2	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
4	110004	4	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
5	110036	4	M42x4.5 GR. 4 FLAT HEX NUT	ECROU Hm M42x4.5 GR 4 BI		
6	120010	4	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
7	150007	4	FLANGE BUSHING Ø30 H16 DU	BAGUE EPAULEE Ø30 H16 DU		
8	DL0610	1	MAST 4	MAT 4		
9	SD0452	2	PULLEY MOUNT	SUPPORT POULIE		
10	US0479	2	LL12-66 PULLEY	POULIE LL12-66	A	
11	US0375	2	PULLEY PIN	AXE DE SUPPORT POULIE		
12	SE0520	4	ROLLER ASSEMBLY	ASSEMBLAGE GALET	B	
13	SE0731	2	PULLEY ASSEMBLY LL12-66	ASSEMBLAGE SUPPORT POULIE LL12-66		

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-6. MAST 3 ASSEMBLY / ASSEMBLAGE MAT 3



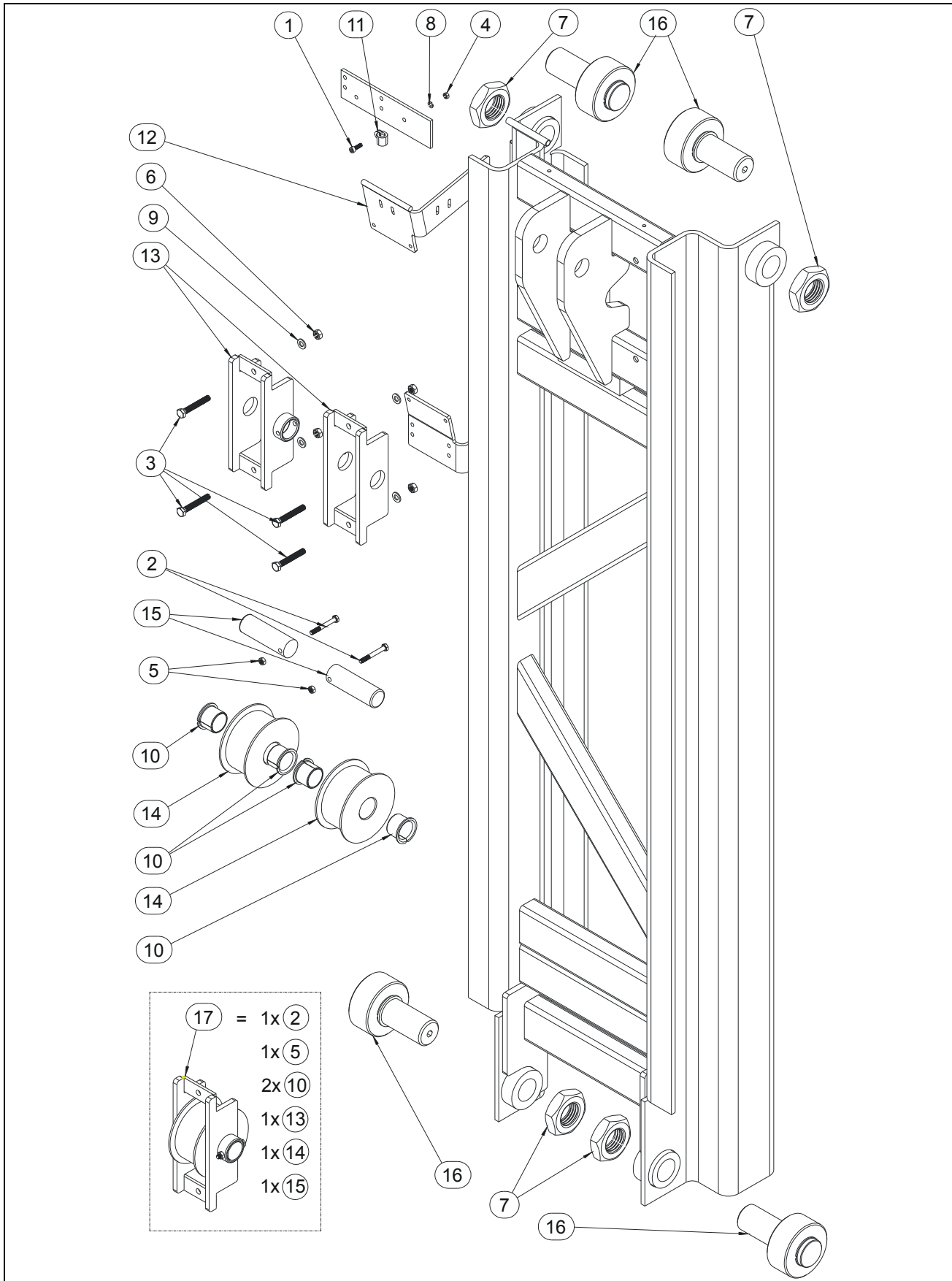
SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-6. MAST 3 ASSEMBLY / ASSEMBLAGE MAT 3

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			MAST 3 ASSEMBLY	ASSEMBLAGE MAT 3	C	SP1235
1	000003	1	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
2	100013	2	M06x50 8.8 HEX HEAD CAP-SCREW	VIS H M06x50 8.8 BI FP		
3	100040	4	M08x55 8.8 HEX HEAD CAP-SCREW	VIS H M08x55 8.8 BI FP		
4	110002	1	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
5	110003	2	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
6	110004	4	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
7	110036	4	M42x4.5 GR. 4 FLAT HEX NUT	ECROU Hm M42x4.5 GR 4 BI		
8	120002	1	M05 WASHER	RONDELLE M05 BI		
9	120010	4	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
10	150006	4	FLANGE BUSHING Ø30 H26 DU	BAGUE EPAULEE Ø30 H26 DU		
11	400034	1	COLLAR	COLLIER		
12	DL0611	1	MAST 3	MAT 3		
13	SD0451	2	Prior December 2011 - PULLEY MOUNT	Avant Décembre 2011 - SUPPORT POULIE		
13	SD0605	2	Since December 2011 - PULLEY MOUNT	Depuis Décembre 2011 - SUPPORT POULIE	C	
14	US0478	2	PULLEY	POULIE	A	
15	US0376	2	Prior December 2011 - PULLEY PIN	Avant Décembre 2011 - AXE DE SUPPORT POULIE		
15	US0460	2	Since December 2011 - PULLEY PIN	Depuis Décembre 2011 - SAXE DE SUPPORT POULIE	C	
16	SE0520	4	ROLLER ASSEMBLY	ASSEMBLAGE GALET	B	
17	SE0733	2	PULLEY ASSEMBLY LH12-66 TH=8mm	ASSEMBLAGE SUPPORT POULIE LH12-66 EP=8mm	C	

SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-7. MAST 2 ASSEMBLY / ASSEMBLAGE MAT 2



SECTION 4 MASTS INSTALL / INSTALLATION MATS

FIGURE 4-1-7. MAST 2 ASSEMBLY / ASSEMBLAGE MAT 2

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			MAST 2 ASSEMBLY	ASSEMBLAGE MAT 2	B	SP1236
1	000003	1	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
2	100013	2	M06x50 8.8 HEX HEAD CAP-SCREW	VIS H M06x50 8.8 BI FP		
3	100040	4	M08x55 8.8 HEX HEAD CAP-SCREW	VIS H M08x55 8.8 BI FP		
4	110002	1	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
5	110003	2	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
6	110004	4	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
7	110036	4	M42x4.5 GR. 4 FLAT HEX NUT	ECROU Hm M42x4.5 GR 4 BI		
8	120002	1	M05 WASHER	RONDELLE M05 BI		
9	120010	4	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
10	150006	4	FLANGE BUSHING Ø30 H26 DU	BAGUE EPAULEE Ø30 H26 DU		
11	400034	1	COLLAR	COLLIER		
12	DL0612	1	MAST 2	MAT 2		
13	SD0605	2	PULLEY MOUNT	SUPPORT POULIE		
14	US0478	2	PULLEY	POULIE	A	
15	US0460	2	PULLEY PIN	AXE DE POULIE		
16	SE0520	4	ROLLER ASSEMBLY	ASSEMBLAGE GALET	B	
17	SE0733	2	PULLEY ASSEMBLY LH12-66 TH=8mm	ASSEMBLAGE SUPPORT POULIE LH12-66 EP=8mm		

SECTION 4 MASTS INSTALL / INSTALLATION MATS

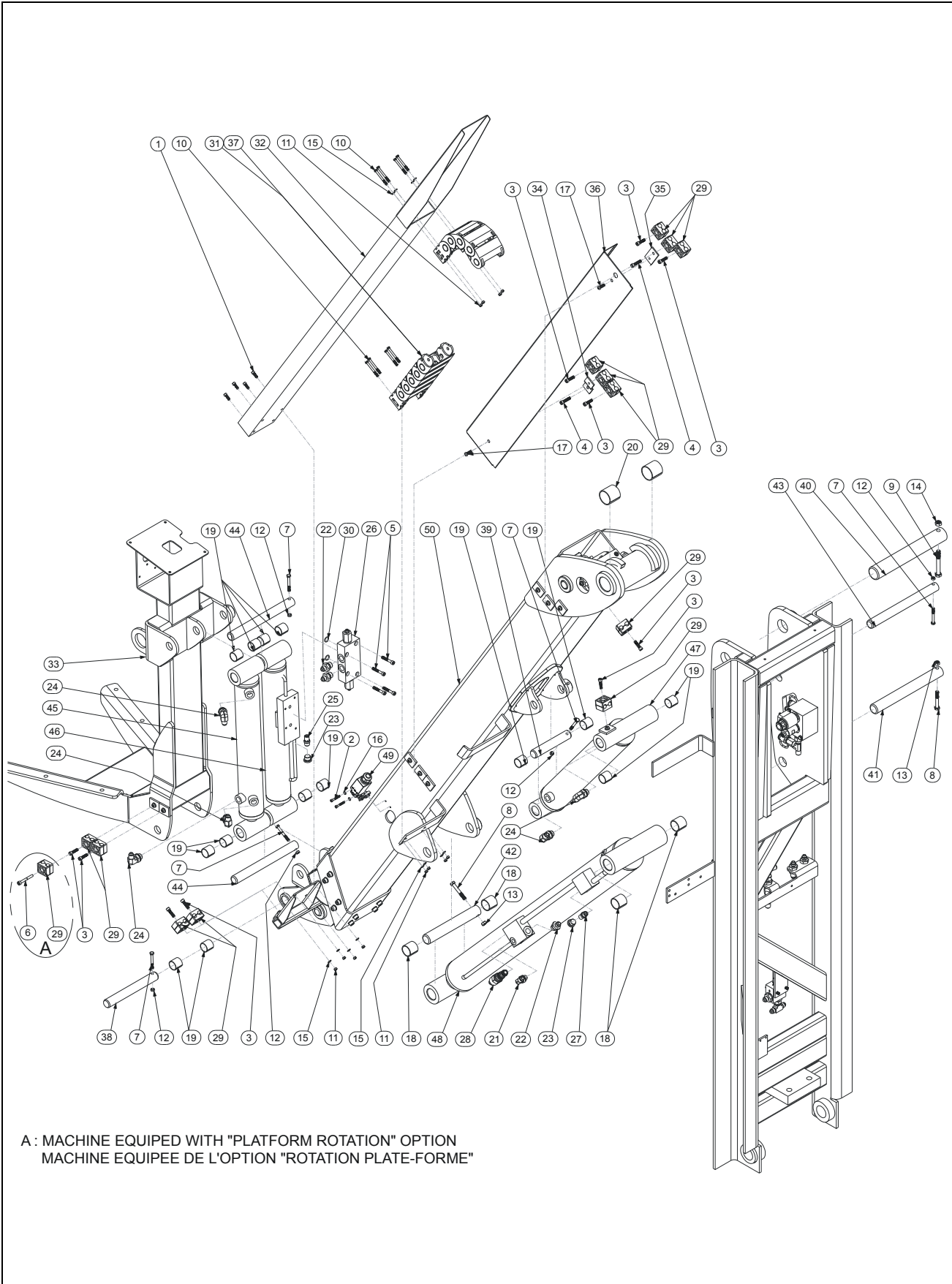
FIGURE 4-1-7. MAST 2 ASSEMBLY / ASSEMBLAGE MAT 2 (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

**SECTION 5
JIB INSTALL /
INSTALLATION BRAS**

SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-1. S/N PRIOR/AVANT #299 JIB INSTALL / INSTALLATION BRAS



SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-1. S/N PRIOR/AVANT #299 JIB INSTALL / INSTALLATION BRAS

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			JIB INSTALL	INSTALLATION BRAS	A	SP1215
1	000003	4	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
2	000007	2	M04x30 8.8 SOCKET HEAD CAPSCREW	VIS CHC M04x30 8.8 BI FP		
3	000008	10	M06x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x25 8.8 BI FT		
4	000016	2	M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT		
5	000017	4	M06x40 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x40 8.8 BI FT		
6	000026	1	M06x50 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x50 8.8 BI FP		
7	100013	5	M06x50 8.8 HEX HEAD CAPSCREW	VIS H M06x50 8.8 BI FP		
8	100007	2	M08x50 8.8 HEX HEAD CAPSCREW	VIS H M08x50 8.8 BI FP	A	
9	100091	1	M10x80 8.8 HEX HEAD CAPSCREW	VIS H M10x80 8.8 BI FP		
10	100145	8	M05x50 8.8 HEX HEAD MACHINE SCREW	VIS H M05x50 8.8 BI FT		
11	110002	12	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
12	110003	5	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
13	110004	2	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
14	110005	1	M10 GR. 8.8 LOCK NUT	ECROU FREIN M10 8.8 BI		
15	120002	12	M05 WASHER	RONDELLE M05 BI		
16	120024	2	M04 LOCK WASHER	RONDELLE CONTACT M04 BI		
17	130021	2	M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		
18	150001	4	BUSHING Ø30 H30 DX	BAGUE Ø30 H30 DX		
19	150002	14	BUSHING Ø25 H25 DX	BAGUE Ø25 H25 DX		
20	150003	2	BUSHING Ø40 H40 DX	BAGUE Ø40 H40 DX		
21	300001	1	90° ELBOW MALE BSPP 1/4-MALE JIC 9/16	COUDE 90° Male BSPP 1/4 -Male JIC 9/16		
22	300040	3	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
23	300047	2	CAP BSPP 3/8	BOUCHON BSPP 3/8		
24	300061	5	90° ELBOW MALE BSPP 3/8-MALE JIC 9/16	COUDE 90° MALE BSPP3/8-MALE JIC9/16		
25	310042	1	FLOW CONTROL VALVE 3L/mn	REGULATEUR DE DEBIT 3L/mn		
26	310045	1	COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		
27	310058	1	PRESSURE FLOW REGULATOR VALVE	REGULATEUR DE DEBIT		
28	310077	1	COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		
29	400018	13	PAIR 1/2 SHELL Ø12-12	PAIRE DEMI COQUILLE Ø12-12		
30	900120	1	SEAL KIT	KIT DE JOINTS		
31	920025	x	POWER BRIDGE LINK	MAILLON CHAINE PORTE CABLES		
32	DL0605	1	TELESCOPE CHANNEL	GOULOTTE TELESCOPE		
33	DL0620	1	S/N PRIOR #256 PLATFORM SUPPORT W/O ROTATION	SUPPORT PANIER SANS ROTATION AVANT N° 256	A	
33	DL0645	1	S/N SINCE #256 PLATFORM SUPPORT W/O ROTATION	SUPPORT PANIER SANS ROTATION DEPUIS #256	A	
34	ST2350	1	CHANNEL FIXATION	FIXATION DE GOULOTTE		
35	ST2351	1	CHANNEL FIXATION	FIXATION DE GOULOTTE		
36	ST2352	1	CHANNEL	GOULOTTE		

SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-1. S/N PRIOR/AVANT #299 JIB INSTALL / INSTALLATION BRAS (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
37	ST2449	1	TELESCOPE POWER BRIDGE	CHAINE PORTE CABLES TELESCOPE		
38	US0218	1	PULLEY PIN	AXE DE POULIE		
39	US0255	1	PULLEY PIN	AXE DE POULIE		
40	US0457	1	JIB PIN	AXE DE BRAS		
41	US0458	1	JIB CYLINDER PIN	AXE DE VERIN DE BRAS		
42	US0459	1	JIB CYLINDER PIN	AXE DE VERIN DE BRAS		
43	US0461	1	MASTER CYLINDER PIN	AXE DE VERIN MAITRE		
44	US0466	2	SLAVE CYLINDER PIN	AXE DE VERIN ESCLAVE		
45		1	ASSISITANCE CYLINDER	VERIN D' ASSISTANCE		APPENDIX A
46		1	SLAVE CYLINDER	VERIN ESCLAVE		APPENDIX A
47		1	MASTER CYLINDER	VERIN MAITRE		APPENDIX A
48		1	JIB CYLINDER	VERIN DE BRAS		APPENDIX A
49	260030	1	2NC SWITCH	CAPTEUR 2NF	E	
49	210019	1	GLAND N°13	PRESSE ETOUPE N°13	E	
50		1	TELESCOPE ASSEMBLY	ASSEMBLAGE TELESCOPE		SP1214

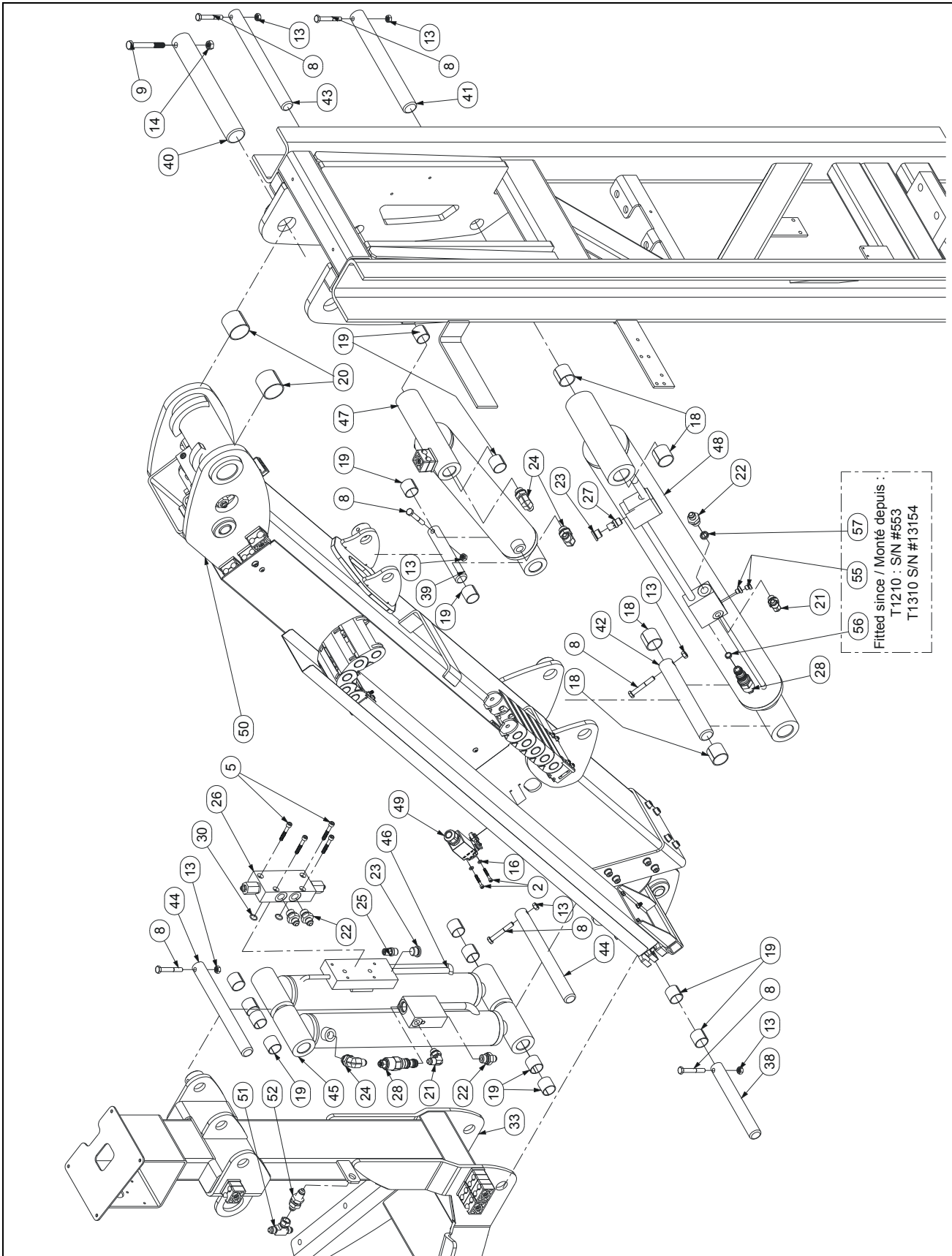
**SECTION 5 JIB INSTALL /
INSTALLATION BRAS**

FIGURE 5-1. S/N PRIOR/AVANT #299 JIB INSTALL / INSTALLATION BRAS (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

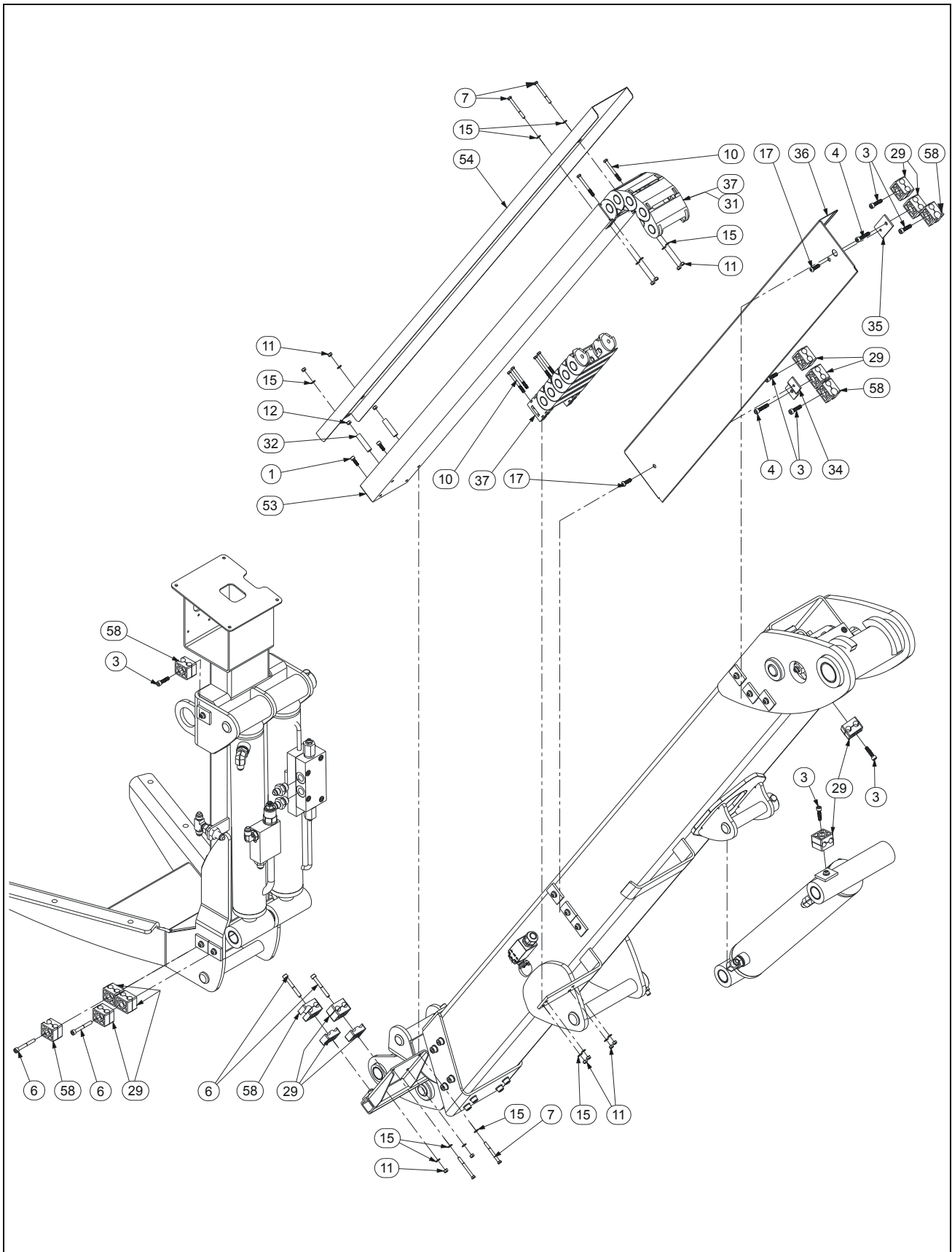
SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-2. S/N FROM/DE #299 TO/A #A300033630 JIB INSTALL / INSTALLATION BRAS



SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-2. S/N FROM/DE #299 TO/A #A300033630 JIB INSTALL /
INSTALLATION BRAS



SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-2. S/N FROM/DE #299 TO/A #A300033630 JIB INSTALL / INSTALLATION BRAS

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			JIB INSTALL	INSTALLATION BRAS	E	SP1215
1	000003	2	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT	D	
2	000007	2	M04x30 8.8 SOCKET HEAD CAPSCREW	VIS CHC M04x30 8.8 BI FP		
3	000008	7	M06x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x25 8.8 BI FT	E	
4	000016	2	M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT		
5	000017	4	M06x40 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x40 8.8 BI FT		
6	000026	4	M06x50 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x50 8.8 BI FP	B	
7	100148	4	M05x60 8.8 HEX HEAD MACHINE SCREW	VIS H M05x60 8.8 BI FT	D	
8	100040	7	M08x55 8.8 HEX HEAD CAPSCREW	VIS H M08x55 8.8 BI FP	C	
9	100091	1	M10x80 8.8 HEX HEAD CAPSCREW	VIS H M10x80 8.8 BI FP		
10	100145	6	M05x50 8.8 HEX HEAD MACHINE SCREW	VIS H M05x50 8.8 BI FT	D	
11	110002	12	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
12	110013	2	M05 GR. 8.8 HEX NUT	ECROU H M05 8.8 BI	E	
13	110004	7	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI	C	
14	110005	1	M10 GR. 8.8 LOCK NUT	ECROU FREIN M10 8.8 BI		
15	120002	16	M05 WASHER	RONDELLE M05 BI	D	
16	120024	2	M04 LOCK WASHER	RONDELLE CONTACT M04 BI		
17	130021	2	M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		
18	150001	4	BUSHING Ø30 H30 DX	BAGUE Ø30 H30 DX		
19	150002	14	BUSHING Ø25 H25 DX	BAGUE Ø25 H25 DX		
20	150003	2	BUSHING Ø40 H40 DX	BAGUE Ø40 H40 DX		
21	300001	2	90° ELBOW MALE BSPP 1/4-MALE JIC 9/16	COUDE 90° Male BSPP 1/4 -Male JIC 9/16		
22	300040	4	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
23	300047	2	CAP BSPP 3/8	BOUCHON BSPP 3/8		
24	300061	3	90° ELBOW MALE BSPP 3/8-MALE JIC 9/16	COUDE 90° MALE BSPP3/8-MALE JIC9/16		
25	310042	1	FLOW CONTROL VALVE 3L/mn	REGULATEUR DE DEBIT 3L/mn		
26	310045	1	COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		
27	310037	1	FLOW REGULATOR VALVE 9L/mn	REGULATEUR DE DEBIT 9L/mn	B	
28	310077	2	COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		
29	400018	11	PAIR 1/2 SHELL Ø12-12	PAIRE DEMI COQUILLE Ø12-12	E	
30	900120	1	SEAL KIT	KIT DE JOINTS		
31	920025	x	POWER BRIDGE LINK	MAILLON CHAINE PORTE CABLES		
32	DT0408	2	SPACER	ENTRETOISE	D	
33	DL0705	1	PLATFORM SUPPORT W/O ROTATION	SUPPORT PANIER SANS ROTATION	C	
34	ST2350	1	CHANNEL FIXATION	FIXATION DE GOULOTTE		
35	ST2351	1	CHANNEL FIXATION	FIXATION DE GOULOTTE		
36	ST2352	1	CHANNEL	GOULOTTE		
37	ST2449	1	TELESCOPE POWER BRIDGE	CHAINE PORTE CABLES TELESCOPE		
38	US0492	1	PIVOT PIN	AXE D'ARTICULATION	C	
39	US0493	1	PIVOT PIN	AXE D'ARTICULATION	C	

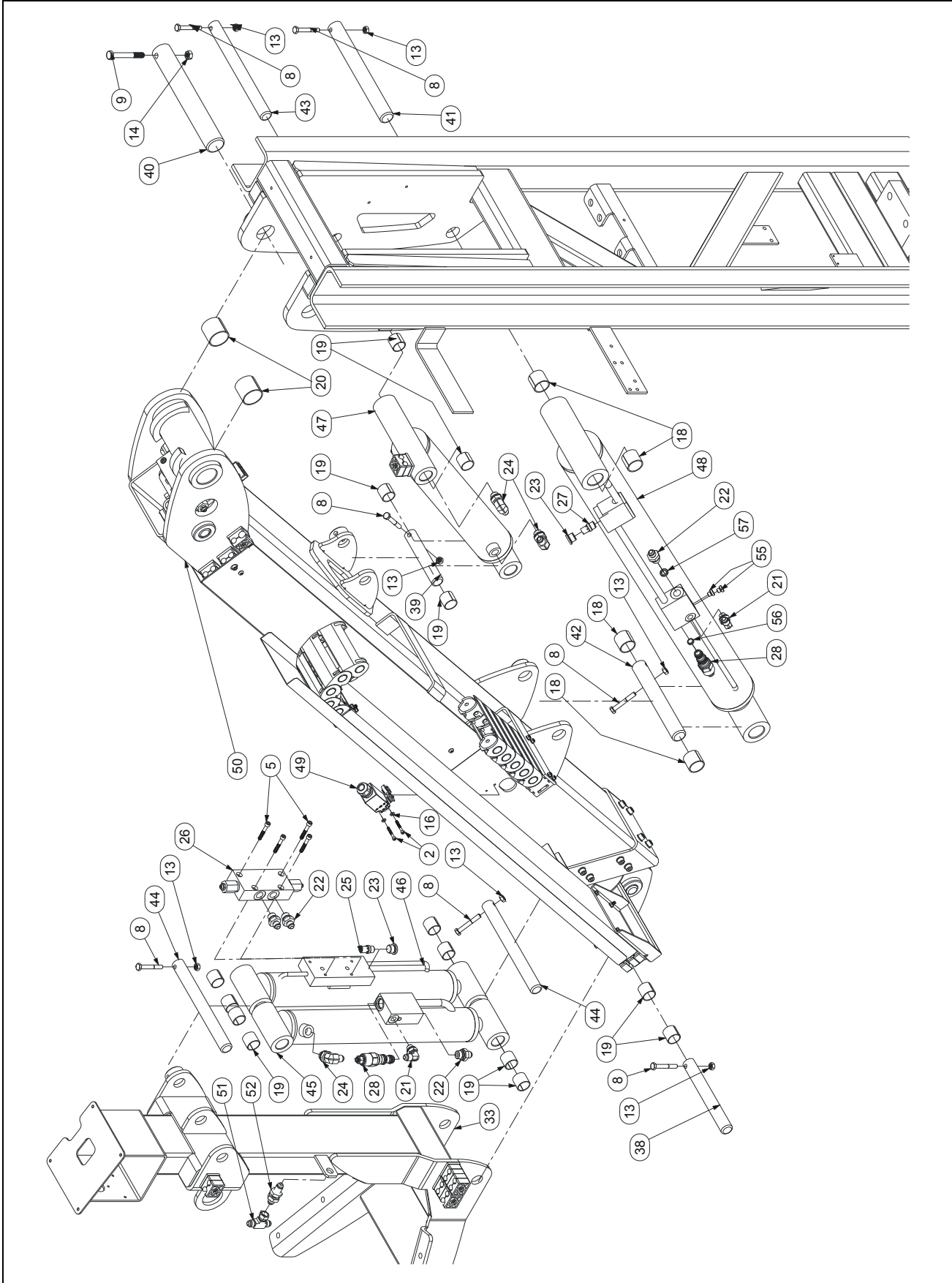
SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-2. S/N FROM/DE #299 TO/A #A300033630 JIB INSTALL / INSTALLATION BRAS

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
40	US0457	1	JIB PIN	AXE DE BRAS		
41	US0458	1	JIB CYLINDER PIN	AXE DE VERIN DE BRAS		
42	US0459	1	JIB CYLINDER PIN	AXE DE VERIN DE BRAS		
43	US0490	1	MASTER CYLINDER PIN	AXE DE VERIN MAITRE	C	
44	US0491	2	SLAVE CYLINDER PIN	AXE DE VERIN ESCLAVE	C	
45		1	ASSISTANCE CYLINDER	VERIN D' ASSISTANCE		APPENDIX A
46		1	SLAVE CYLINDER	VERIN ESCLAVE		APPENDIX A
47		1	MASTER CYLINDER	VERIN MAITRE		APPENDIX A
48		1	JIB CYLINDER	VERIN DE BRAS		APPENDIX A
49	260030	1	2NC SWITCH	CAPTEUR 2NF	E	
49	210019	1	GLAND N°13	PRESSE ETOUPE N°13	E	
50		1	TELESCOPE ASSEMBLY	ASSEMBLAGE TELESCOPE		SP1214
51	300055	1	BRANCH TEE MALE JIC 9/16 SWIVEL NUT	TE Male JIC9/16 TOURNANT CENTRAL	B	
52	300089	1	BULKHEAD JIC 9/16	TRAVERSEE DE CLOISON JIC 9/16	B	
53	ST2739	1	HOSE GUARD CHANNEL	GOULOTTE	D	
54	ST2740	1	HOSE GUARD COVER	COUVERCLE GOULOTTE	D	
55	300163	2	PLUG BSPP 1/8	BOUCHON BSPP 1/8	E	
56	310091	1	SEEVE 1/4 BSPP MESH 0.1mm	TAMIS 1/4 BSPP MAILLE 0.1mm	E	
57	310092	1	SEEVE 3/8 BSPP MESH 0.1mm	TAMIS 3/8 BSPP MAILLE 0.1mm	E	
58	400092	5	PAIR 1/2 SHELL D12.7 / D15	PAIRE DEMI COQUILLE D12.7 / D15	E	

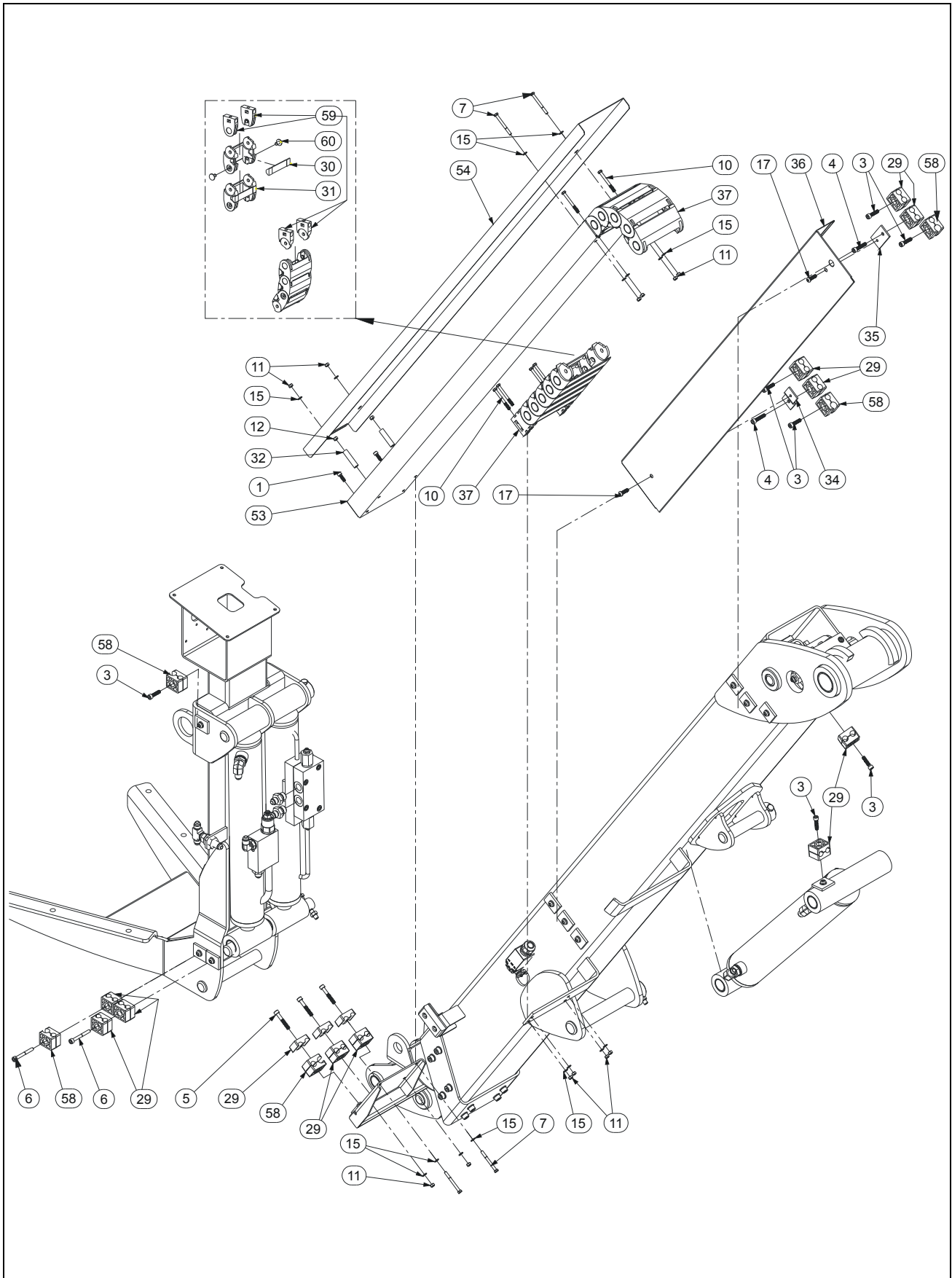
SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-3. S/N SINCE/DEPUIS #A300033631 JIB INSTALL / INSTALLATION BRAS



SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-3. S/N SINCE/DEPUIS #A300033631 JIB INSTALL / INSTALLATION BRAS



SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-3. S/N SINCE/DEPUIS #A300033631 JIB INSTALL / INSTALLATION BRAS

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			JIB INSTALL	INSTALLATION BRAS	F	SP1215
1	000003	2	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT	D	
2	000007	2	M04x30 8.8 SOCKET HEAD CAPSCREW	VIS CHC M04x30 8.8 BI FP		
3	000008	7	M06x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x25 8.8 BI FT	E	
4	000016	2	M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT		
5	000017	7	M06x40 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x40 8.8 BI FT	F	
6	000026	2	M06x50 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x50 8.8 BI FP	F	
7	100148	4	M05x60 8.8 HEX HEAD MACHINE SCREW	VIS H M05x60 8.8 BI FT	D	
8	100040	7	M08x55 8.8 HEX HEAD CAPSCREW	VIS H M08x55 8.8 BI FP	C	
9	100091	1	M10x80 8.8 HEX HEAD CAPSCREW	VIS H M10x80 8.8 BI FP		
10	100145	6	M05x50 8.8 HEX HEAD MACHINE SCREW	VIS H M05x50 8.8 BI FT	D	
11	110002	12	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
12	110013	2	M05 GR. 8.8 HEX NUT	ECROU H M05 8.8 BI	E	
13	110004	7	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI	C	
14	110005	1	M10 GR. 8.8 LOCK NUT	ECROU FREIN M10 8.8 BI		
15	120002	16	M05 WASHER	RONDELLE M05 BI	D	
16	120024	2	M04 LOCK WASHER	RONDELLE CONTACT M04 BI		
17	130021	2	M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		
18	150001	4	BUSHING Ø30 H30 DX	BAGUE Ø30 H30 DX		
19	150002	14	BUSHING Ø25 H25 DX	BAGUE Ø25 H25 DX		
20	150003	2	BUSHING Ø40 H40 DX	BAGUE Ø40 H40 DX		
21	300001	2	90° ELBOW MALE BSPP 1/4-MALE JIC 9/16	COUDE 90° Male BSPP 1/4 -Male JIC 9/16		
22	300040	4	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
23	300047	2	CAP BSPP 3/8	BOUCHON BSPP 3/8		
24	300061	3	90° ELBOW MALE BSPP 3/8-MALE JIC 9/16	COUDE 90° MALE BSPP3/8-MALE JIC9/16		
25	310042	1	FLOW CONTROL VALVE 3L/mn	REGULATEUR DE DEBIT 3L/mn		
26	310093	1	DOUBLE COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE DOUBLE	F	
27	310037	1	FLOW REGULATOR VALVE 9L/mn	REGULATEUR DE DEBIT 9L/mn	B	
28	310077	2	COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		
29	400018	13	PAIR 1/2 SHELL Ø12-12	PAIRE DEMI COQUILLE Ø12-12	E	
30	920071	x	SR355A095 POWER BRIDGE CLIP	CLIP CHAINE PORTE-CABLE SR355A095	F	
31	920070	x	SR355A095 POWER BRIDGE LINK	MAILLON CHAINE PORTE-CBL SR355A095	F	
32	DT0408	2	SPACER	ENTRETOISE	D	
33	DL0705	1	PLATFORM SUPPORT W/O ROTATION	SUPPORT PANIER SANS ROTATION	C	
34	ST2350	1	CHANNEL FIXATION	FIXATION DE GOULOTTE		
35	ST2351	1	CHANNEL FIXATION	FIXATION DE GOULOTTE		
36	ST2352	1	CHANNEL	GOULOTTE		
37	ST2989	1	TELESCOPE POWER BRIDGE	CHAINE PORTE CABLES TELESCOPE	F	F
38	US0492	1	PIVOT PIN	AXE D'ARTICULATION	C	

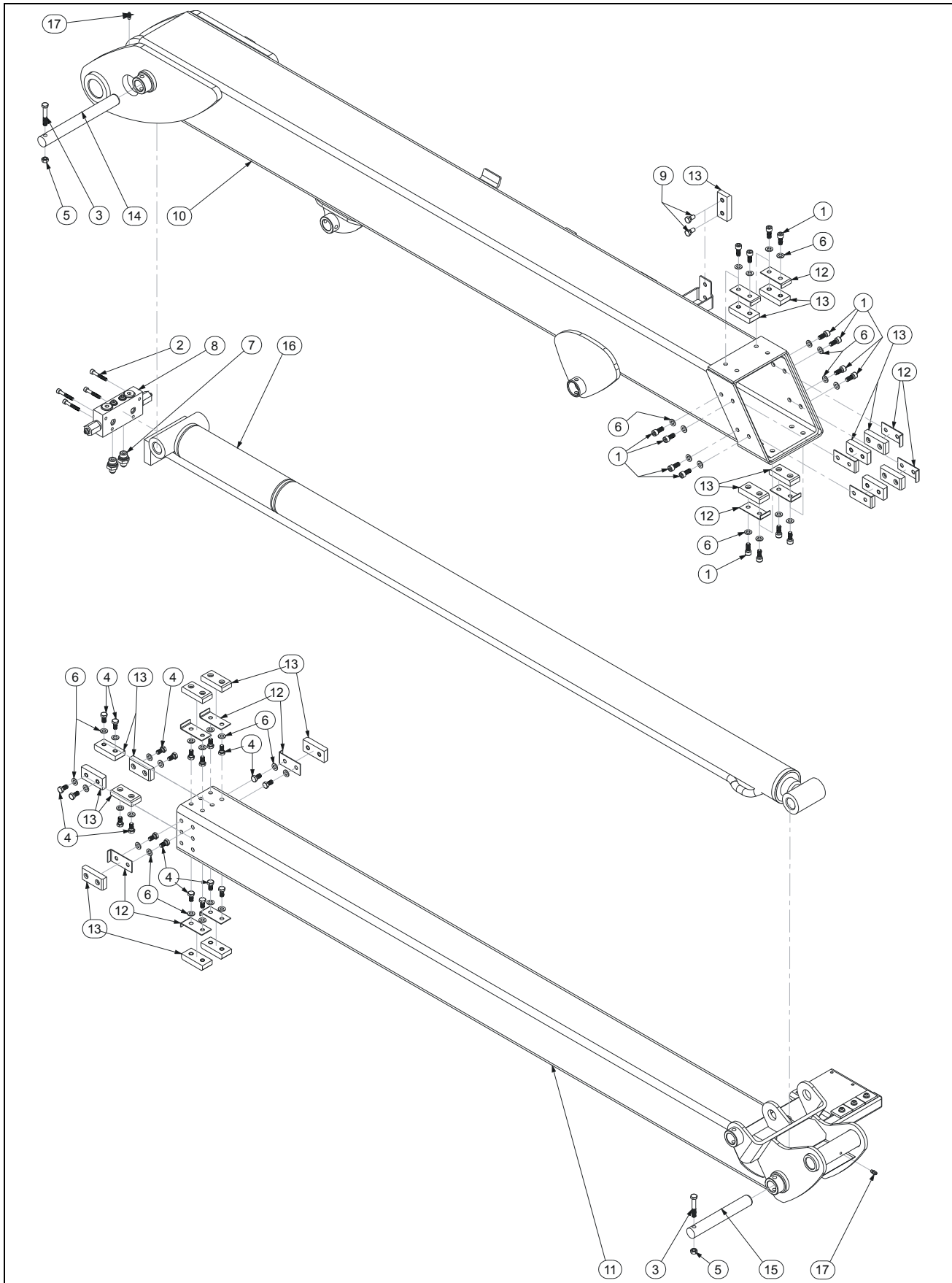
SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-3. S/N SINCE/DEPUIS #A300033631 JIB INSTALL / INSTALLATION BRAS (CONTINUED)

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
39	US0493	1	PIVOT PIN	AXE D'ARTICULATION	C	
40	US0457	1	JIB PIN	AXE DE BRAS		
41	US0458	1	JIB CYLINDER PIN	AXE DE VERIN DE BRAS		
42	US0459	1	JIB CYLINDER PIN	AXE DE VERIN DE BRAS		
43	US0490	1	MASTER CYLINDER PIN	AXE DE VERIN MAITRE	C	
44	US0491	2	SLAVE CYLINDER PIN	AXE DE VERIN ESCLAVE	C	
45		1	ASSISITANCE CYLINDER	VERIN D' ASSISTANCE		APPENDIX A
46		1	SLAVE CYLINDER	VERIN ESCLAVE		APPENDIX A
47		1	MASTER CYLINDER	VERIN MAITRE		APPENDIX A
48		1	JIB CYLINDER	VERIN DE BRAS		APPENDIX A
49	260030	1	CROUZET-2NC SWITCH PG13	CROUZET-CAPTEUR 2NF PE13	E	
49	260325	1	TELEMECANIQUE-2NC SWITCH PG11	TELEMECANIQUE-CAPTEUR 2NF PE11	F	
49	210019	1	CROUZET - GLAND N°13	CROUZET - PRESSE ETOUPE N°13	E	
49	210018	1	TELEMECANIQUE - GLAND N°11	TELEMECANIQUE - PRESSE ETOUPE N°11	F	
50		1	TELESCOPE ASSEMBLY	ASSEMBLAGE TELESCOPE		SP1214
51	300055	1	BRANCH TEE MALE JIC 9/16 SWIVEL NUT	TE Male JIC9/16 TOURNANT CENTRAL	B	
52	300089	1	BULKHEAD JIC 9/16	TRAVERSEE DE CLOISON JIC 9/16	B	
53	ST2990	1	HOSE GUARD CHANNEL	GOULOTTE	F	
54	ST2991	1	HOSE GUARD COVER	COUVERCLE GOULOTTE	F	
55	300163	2	PLUG BSPP 1/8	BOUCHON BSPP 1/8	E	
56	310091	1	SEEVE 1/4 BSPP MESH 0.1mm	TAMIS 1/4 BSPP MAILLE 0.1mm	E	
57	310092	1	SEEVE 3/8 BSPP MESH 0.1mm	TAMIS 3/8 BSPP MAILLE 0.1mm	E	
58	400092	5	PAIR 1/2 SHELL D12.7 / D15	PAIRE DEMI COQUILLE D12.7 / D15	E	
59	920072	x	SR355 POWER BRIDGE ATTACHMENT KIT	KIT ATTACHES CHAINE PORTE CBL SR355	F	
60	920074	x	PG355 POWER BRIDGE PIN	AXE CHAINE PORTE-CABLE PG355	F	

SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-3-1. TELESCOPE ASSEMBLY / ASSEMBLAGE TELESCOPE



SECTION 5 JIB INSTALL / INSTALLATION BRAS

FIGURE 5-3-1. TELESCOPE ASSEMBLY / ASSEMBLAGE TELESCOPE

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			TELESCOPE ASSEMBLY	ASSEMBLAGE TELESCOPE	E	SP1214
1	000006	16	M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT		
2	000017	4	M06x40 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x40 8.8 BI FT		
3	100040	2	M08x55 8.8 HEX HEAD CAPSCREW	VIS H M08x55 8.8 BI FP	C	
4	100054	20	M08x16 8.8 HEX HEAD MACHINE SCREW	VIS H M08x16 8.8 BI FT	D	
5	110004	2	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI	C	
6	120010	36	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI	D	
7	300040	2	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
8	310093	1	DOUBLE COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE DOUBLE	E	
9	100053	2	M08x12 8.8 HEX HEAD MACHINE SCREW	VIS H M08x12 8.8 BI FT	E	
10	DL0771	1	JIB	BRAS	E	
11	DL0603	1	S/N PRIOR #256 TELESCOPE	TELESCOPE AVANT N° 256	E	
11	DL0702	1	S/N FROM#256 TO A300033630 TELESCOPE	TELESCOPE DU N°256 AU N°A300033630	E	
11	DL0772	1	S/N SINCE #A300033631 TELESCOPE	TELESCOPE DEPUIS N° A300033631	E	
12	ST2427	x	SHIM 1mm	CALE 1mm		
12	ST2428	x	SHIM 1.5mm	CALE 1.5mm		
13	ST2429	19	SLIDING BLOCK	PATIN	D	
14	US0494	1	TELESCOPE CYLINDER PIN	AXE VERIN TELESCOPE	C	
15	US0495	1	TELESCOPE CYLINDER PIN	AXE VERIN TELESCOPE	C	
16		1	TELESCOPE CYLINDER	VERIN DE TELESCOPE		APPENDIX A
17	310099	2	GREASE NIPPLE M6	GRAISSEUR COURT M6	E	

SECTION 5 JIB INSTALL / INSTALLATION BRAS

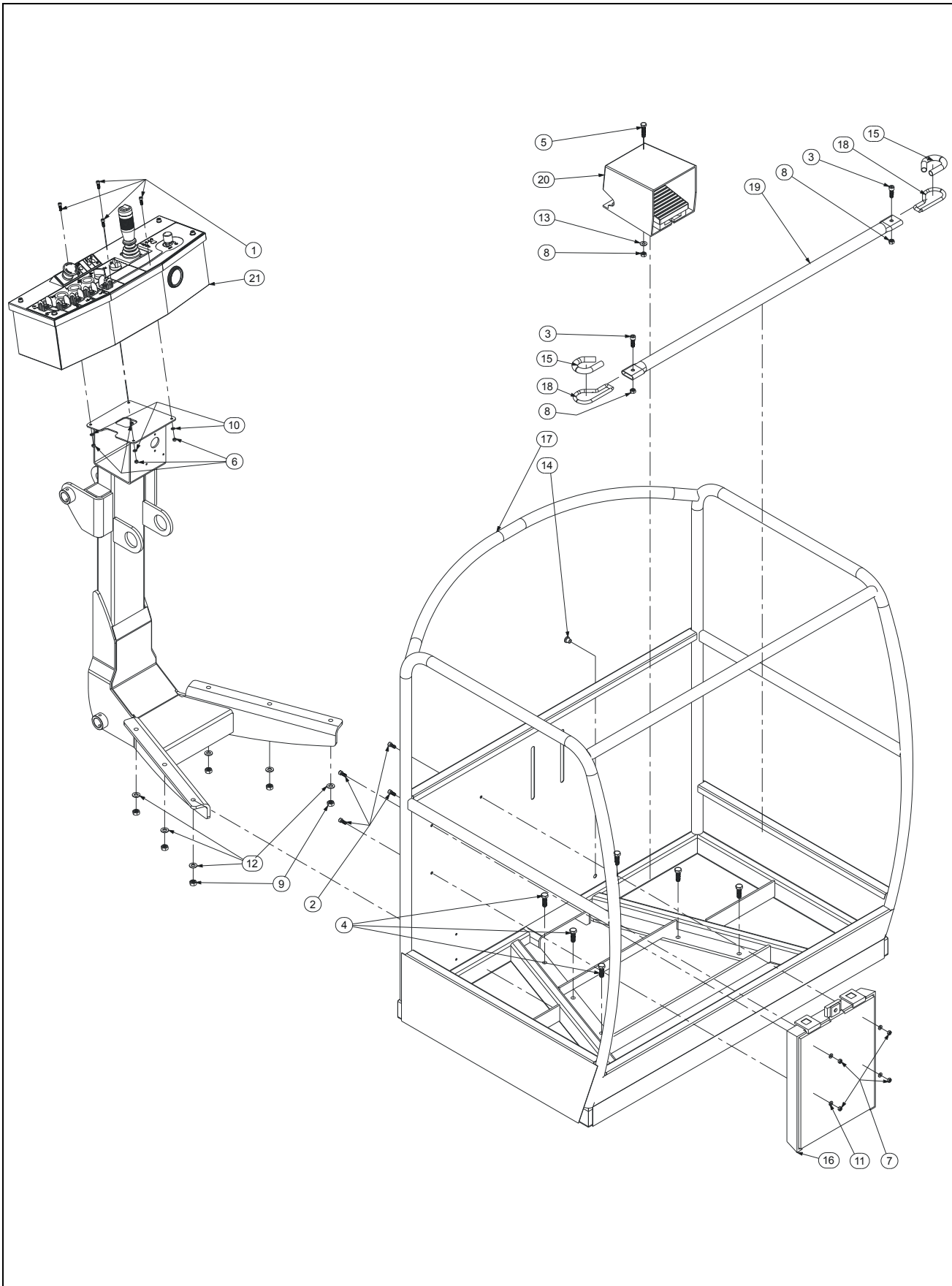
FIGURE 5-3-1. TELESCOPE ASSEMBLY / ASSEMBLAGE TELESCOPE (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 6
PLATFORM INSTALL /
INSTALLATION PLATE-FORME

SECTION 6 PLATFORM INSTALL / INSTALLATION PLATE-FORME

FIGURE 6-1. PLATFORM INSTALL / INSTALLATION PLATE-FORME



SECTION 6 PLATFORM INSTALL / INSTALLATION PLATE-FORME

FIGURE 6-1. PLATFORM INSTALL / INSTALLATION PLATE-FORME

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			PLATFORM INSTALL	INSTALLATION PLATE-FORME	A	SP1220
1	000003	4	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
2	000014	4	M06x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x12 8.8 BI FT	A	
3	000006	2	M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT	A	
4	100009	6	M10x30 8.8 HEX HEAD MACHINE SCREW	VIS H M10x30 8.8 BI FT		
5	100050	1	M08x35 8.8 HEX HEAD CAPSCREW	VIS H M08x35 8.8 BI FP	A	
6	110002	4	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
7	110003	4	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
8	110004	3	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI	A	
9	110005	6	M10 GR. 8.8 LOCK NUT	ECROU FREIN M10 8.8 BI		
10	120002	4	M05 WASHER	RONDELLE M05 BI		
11	120004	4	dD 06x25 WASHER	RONDELLE dD 06x25x1.2 BI		
12	120011	6	dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		
13	120026	1	dD 08x40 WASHER	RONDELLE dD 08x40 BI	A	
14	250051	1	CHANNEL D11.5	PASSE FIL D11.5		
15	280023	2x0.18	PROTECTION SLEEVE (quantity in meter)	GAINÉ DE PROTECTION (qté en mètre)		
16	7348000653	1	MANUAL BOX	BOITE PORTE DOCUMENTS		
17	DL0619	1	PLATFORM	PLATEFORME		
18	ST0736	2	SLIDING GATE LOOP	ANNEAU PORTILLON		
19	ST2407	1	SLIDING GATE	PORTILLON		
20	260103	1	FOOT SWITCH	PEDALE		
20	250047	1	16/13 REDUCTION	REDUCTION 16/13		
20	210062	1	GLAND N°13 Ø5 IP65	PRESSE ETOUPE N°13 Ø5 IP65		
20	910038	1	FOOT SW. CONTACT (included in 260103)	CONTACT PEDALE (inclus dans 260103)		
21		1	UPPER CONTROL BOX ASSEMBLY	ASSEMBLAGE BOITIER HAUT	A	SECTION 2

SECTION 6 PLATFORM INSTALL / INSTALLATION PLATE-FORME

FIGURE 6-1. PLATFORM INSTALL / INSTALLATION PLATE-FORME (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 7 APPENDIX A

FIGURE 7-1. MAST CYLINDER / VERIN DE MAT

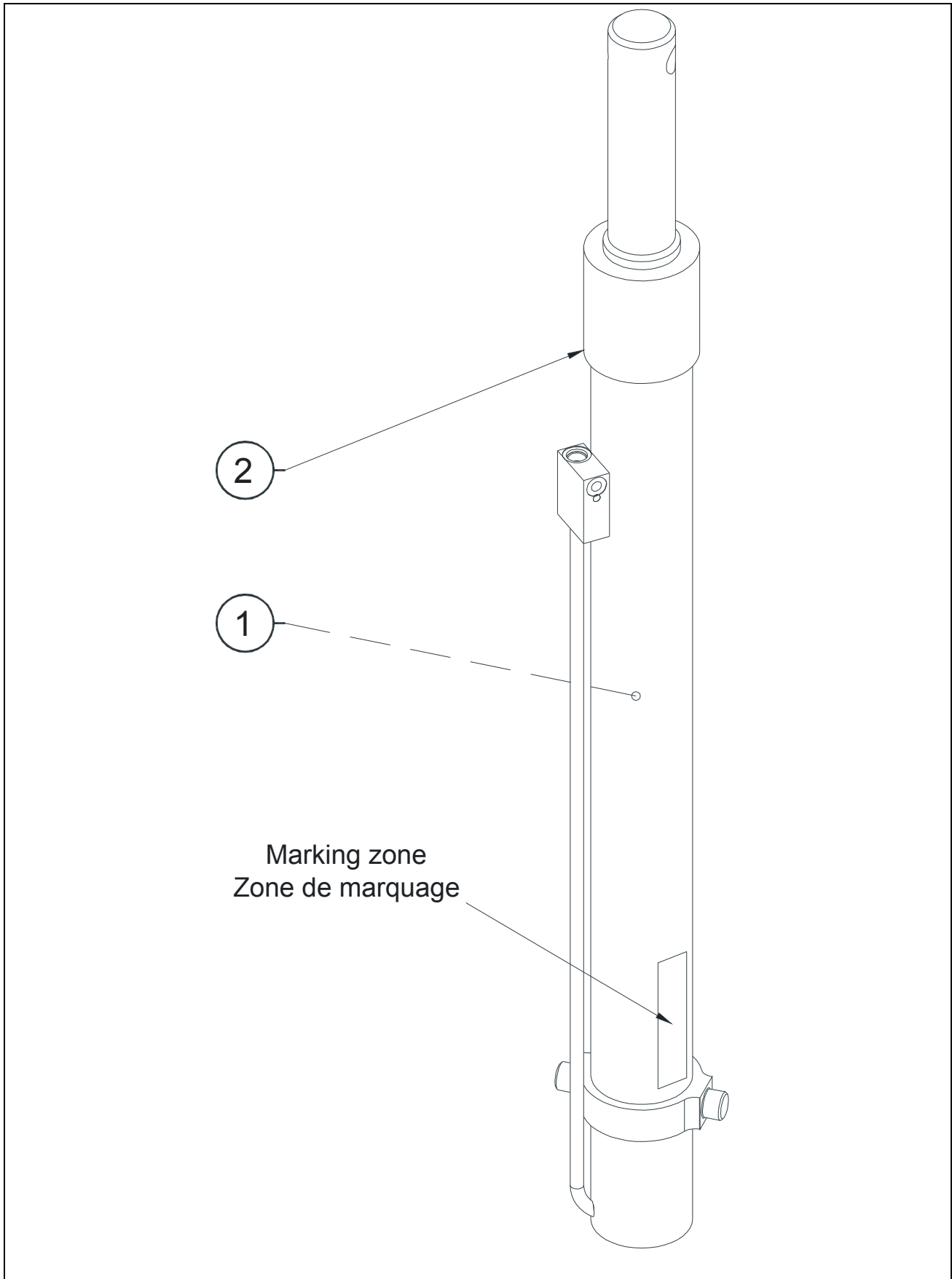


FIGURE 7-1. MAST CYLINDER / VERIN DE MAT

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
1	960086	1	MAST CYLINDER	VERIN DE MAT		RM0075
			SEAL KIT	KIT DE JOINTS		
2	ST2460	1	MAST CYLINDER	VERIN DE MAT		

FIGURE 7-2. MASTER CYLINDER / VERIN MAITRE

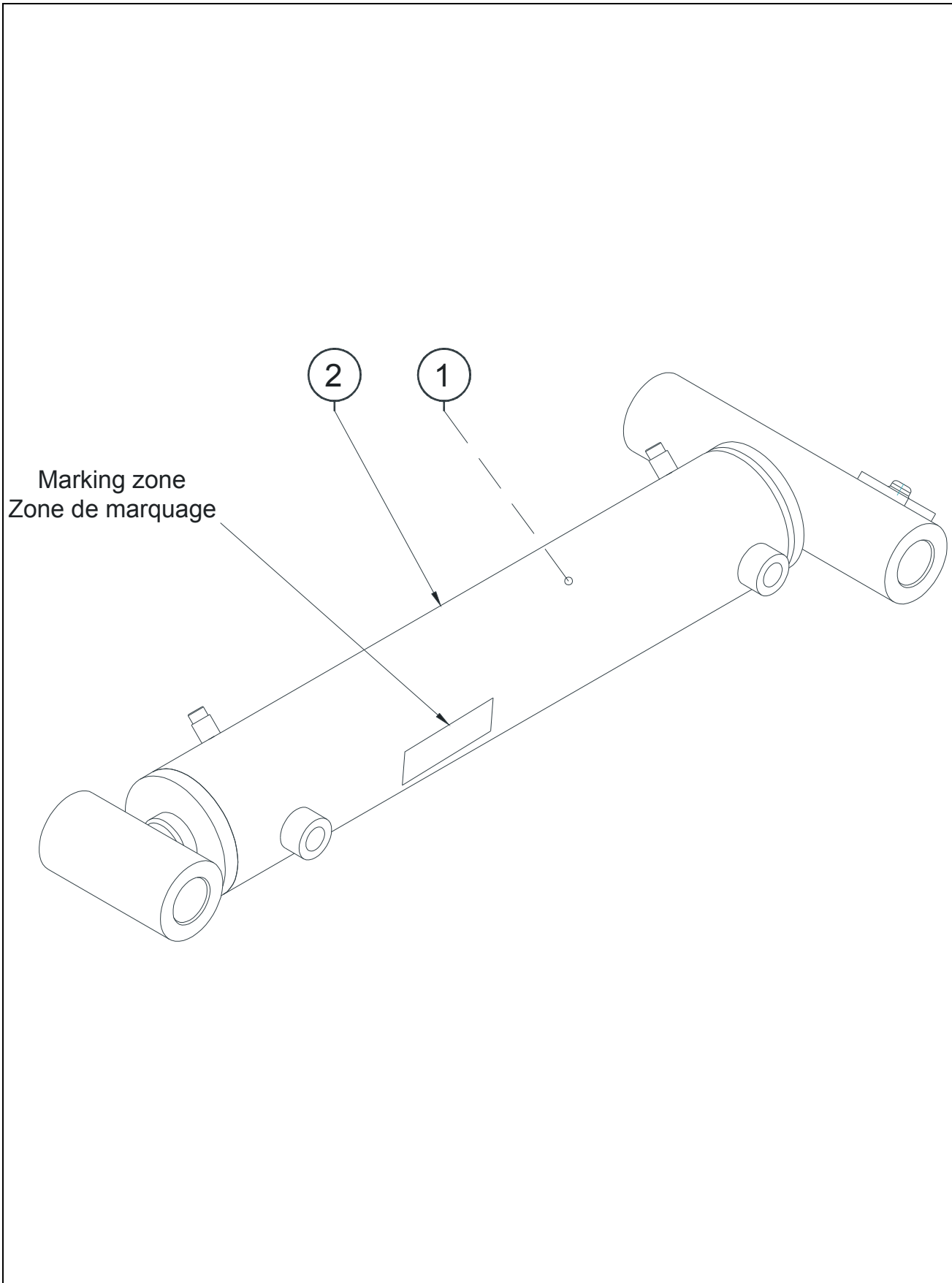


FIGURE 7-2. MASTER CYLINDER / VERIN MAITRE

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
1	960087	1	MASTER CYLINDER SEAL KIT	VERIN MAITRE KIT DE JOINTS		RM0076
2	ST2465	1	MASTER CYLINDER	VERIN MAITRE		

FIGURE 7-3. SLAVE CYLINDER / VERIN ESCLAVE

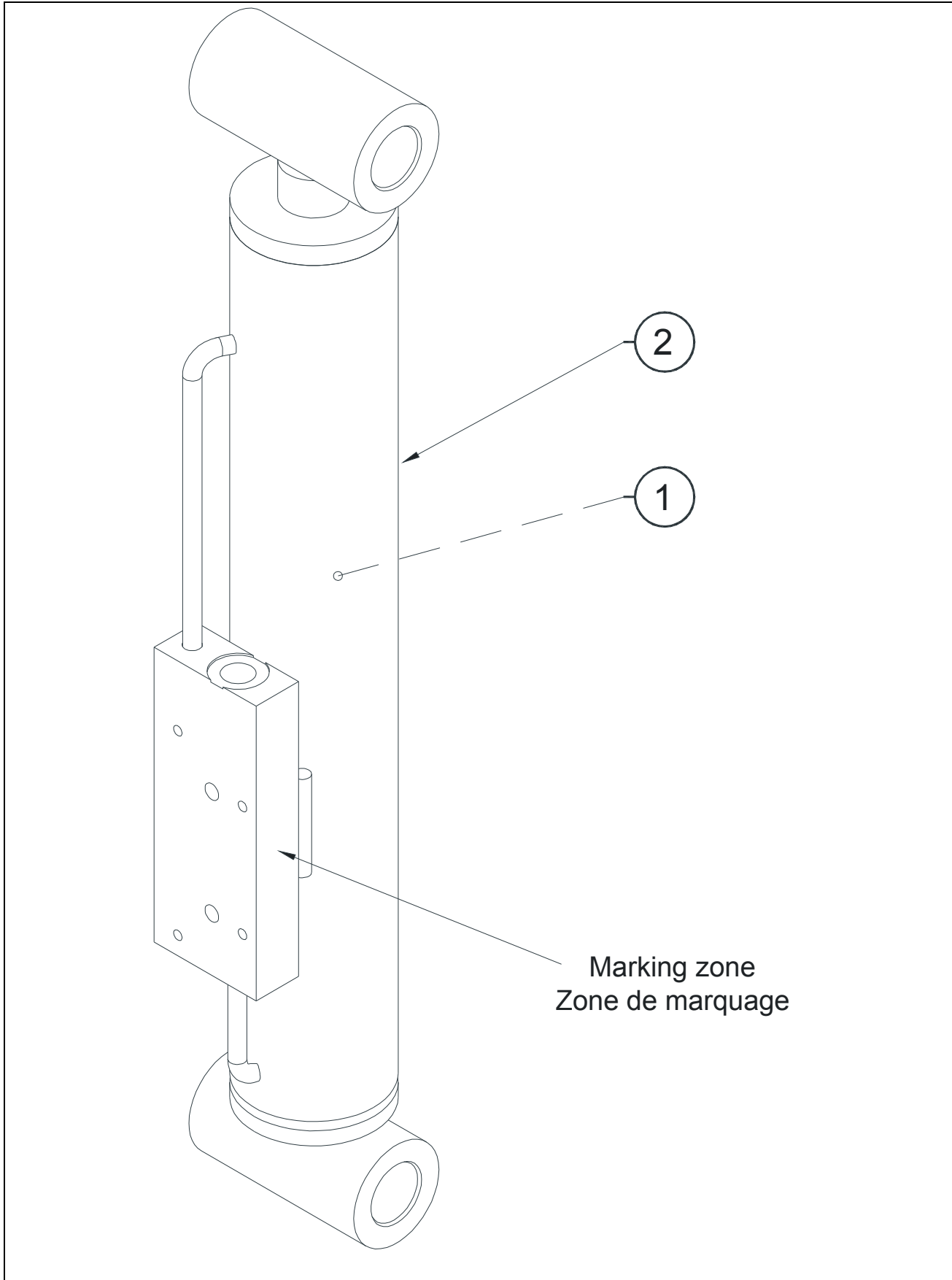


FIGURE 7-3. SLAVE CYLINDER / VERIN ESCLAVE

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			SLAVE CYLINDER	VERIN ESCLAVE		RM0077
1	960088	1	SEAL KIT	KIT DE JOINTS		
2	ST2466	1	S/N PRIOR #256 SLAVE CYLINDER	VERIN ESCLAVE AVANT N° 256		
2	ST2559	1	S/N SINCE #256 SLAVE CYLINDER	VERIN ESCLAVE DEPUIS N° 256		

FIGURE 7-4. S/N PRIOR/AVANT #299 ASSISTANCE CYLINDER / VERIN D'ASSISTANCE

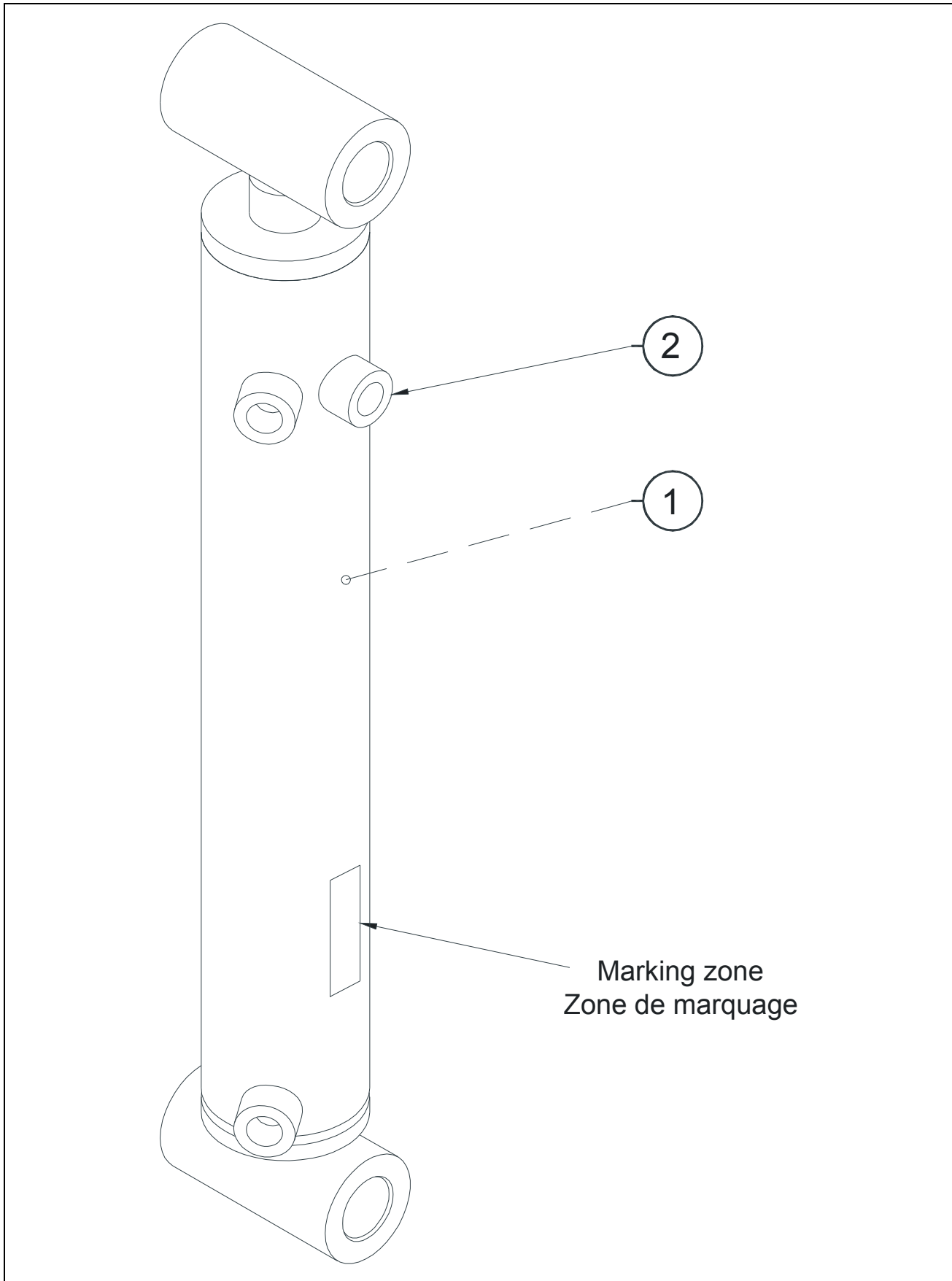


FIGURE 7-4. S/N PRIOR/AVANT #299 ASSISTANCE CYLINDER / VERIN D'ASSISTANCE

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			ASSISTANCE CYLINDER	VERIN D'ASSISTANCE	A	RM0078
1	960088	1	SEAL KIT	KIT DE JOINTS		
2	ST2467	1	S/N PRIOR #256 ASSISTANCE CYLINDER	VERIN D'ASSISTANCE AVANT N° 256	A	
2	ST2560	1	S/N FROM #256 TO #298 ASSISTANCE CYLINDER	VERIN D'ASSISTANCE DU N° 256 AU N° 298	A	

FIGURE 7-5. S/N SINCE/DEPUIS #299 ASSISTANCE CYLINDER /
VERIN D'ASSISTANCE

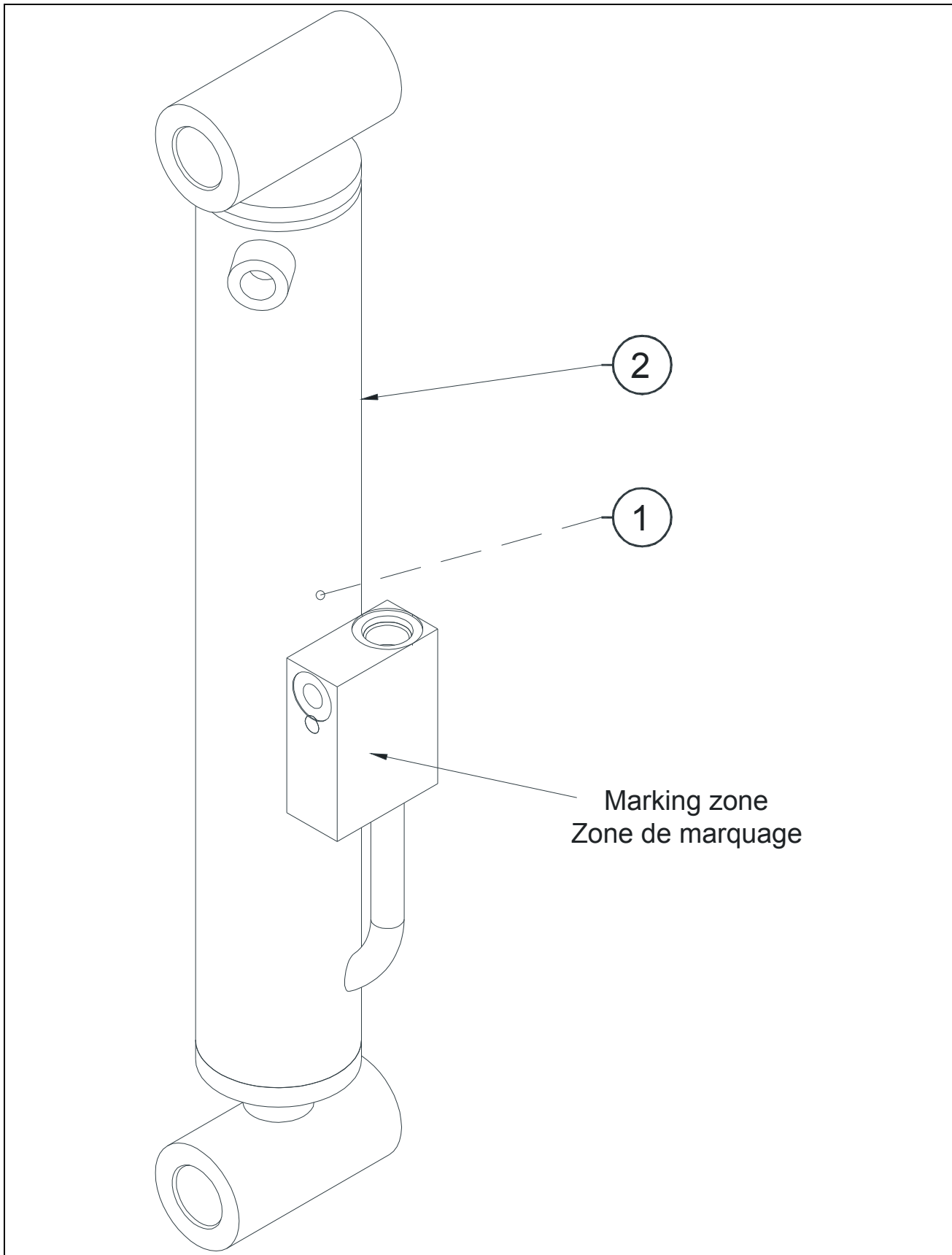


FIGURE 7-5. S/N SINCE/DEPUIS #299 ASSISTANCE CYLINDER / VERIN D'ASSISTANCE

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
1	960088	1	ASSISTANCE CYLINDER SEAL KIT	VERIN D'ASSISTANCE KIT DE JOINTS	B	RM0078
2	ST2567	1	ASSISTANCE CYLINDER	VERIN D'ASSISTANCE	B	

FIGURE 7-6. JIB CYLINDER / VERIN BRAS

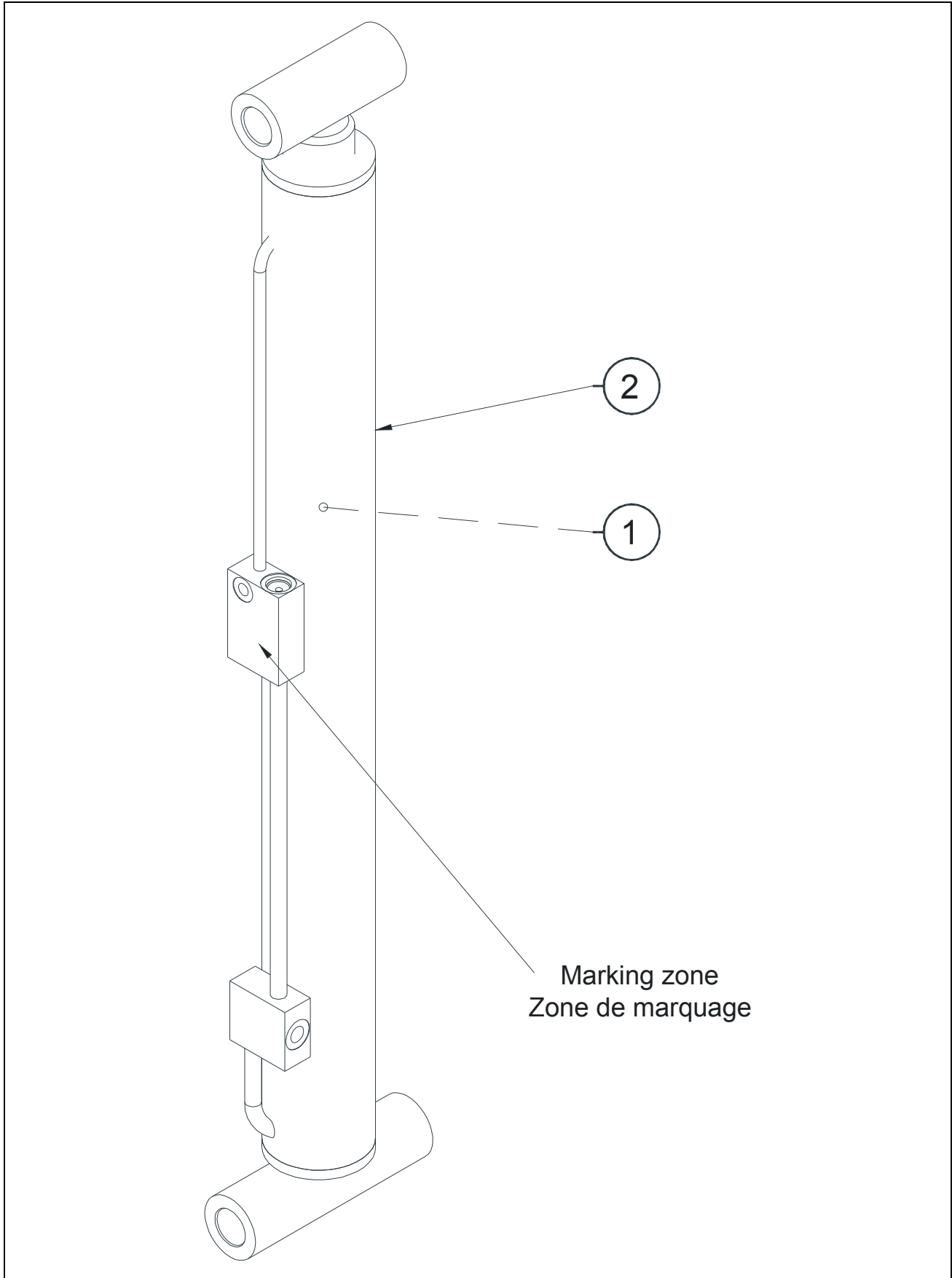


FIGURE 7-6. JIB CYLINDER / VERIN BRAS

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			JIB CYLINDER	VERIN DE BRAS	A	RM0079
1	960089	1	SEAL KIT	KIT DE JOINTS		
2	ST2468	1	S/N PRIOR #553 JIB CYLINDER	VERIN DE BRAS AVANT N° 553	A	
2	ST2924	1	S/N SINCE #553 JIB CYLINDER	VERIN DE BRAS DEPUIS N° 553	A	

FIGURE 7-7. TELESCOPE CYLINDER / VERIN DE TELESCOPE

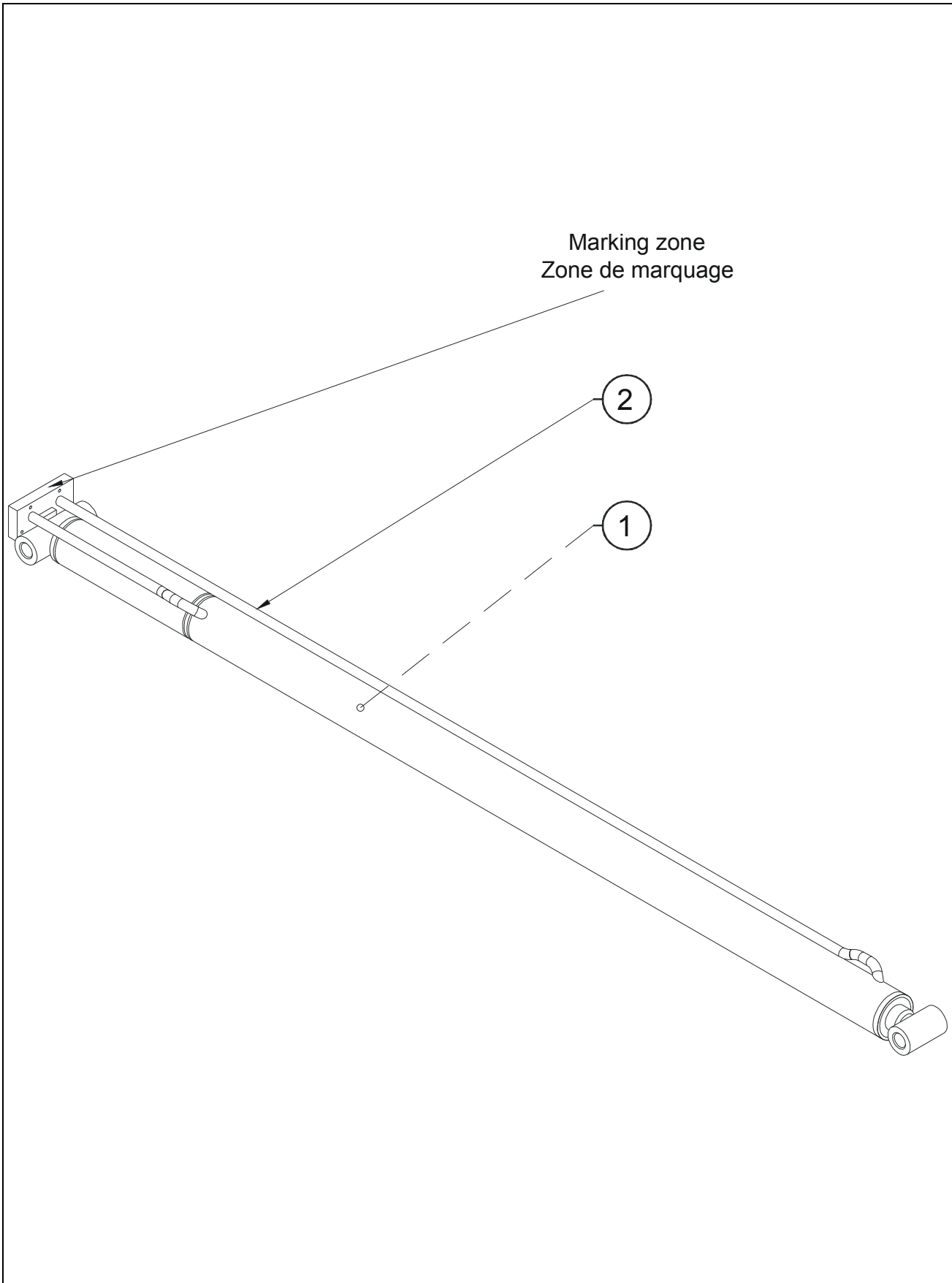


FIGURE 7-7. TELESCOPE CYLINDER / VERIN DE TELESCOPE

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			TELESCOPE CYLINDER	VERIN DE TELESCOPE		RM0080
1	960090	1	SEAL KIT	KIT DE JOINTS		
2	ST2470	1	TELESCOPE CYLINDER	VERIN DE TELESCOPE		

FIGURE 7-8. STEERING CYLINDER / VERIN DE DIRECTION

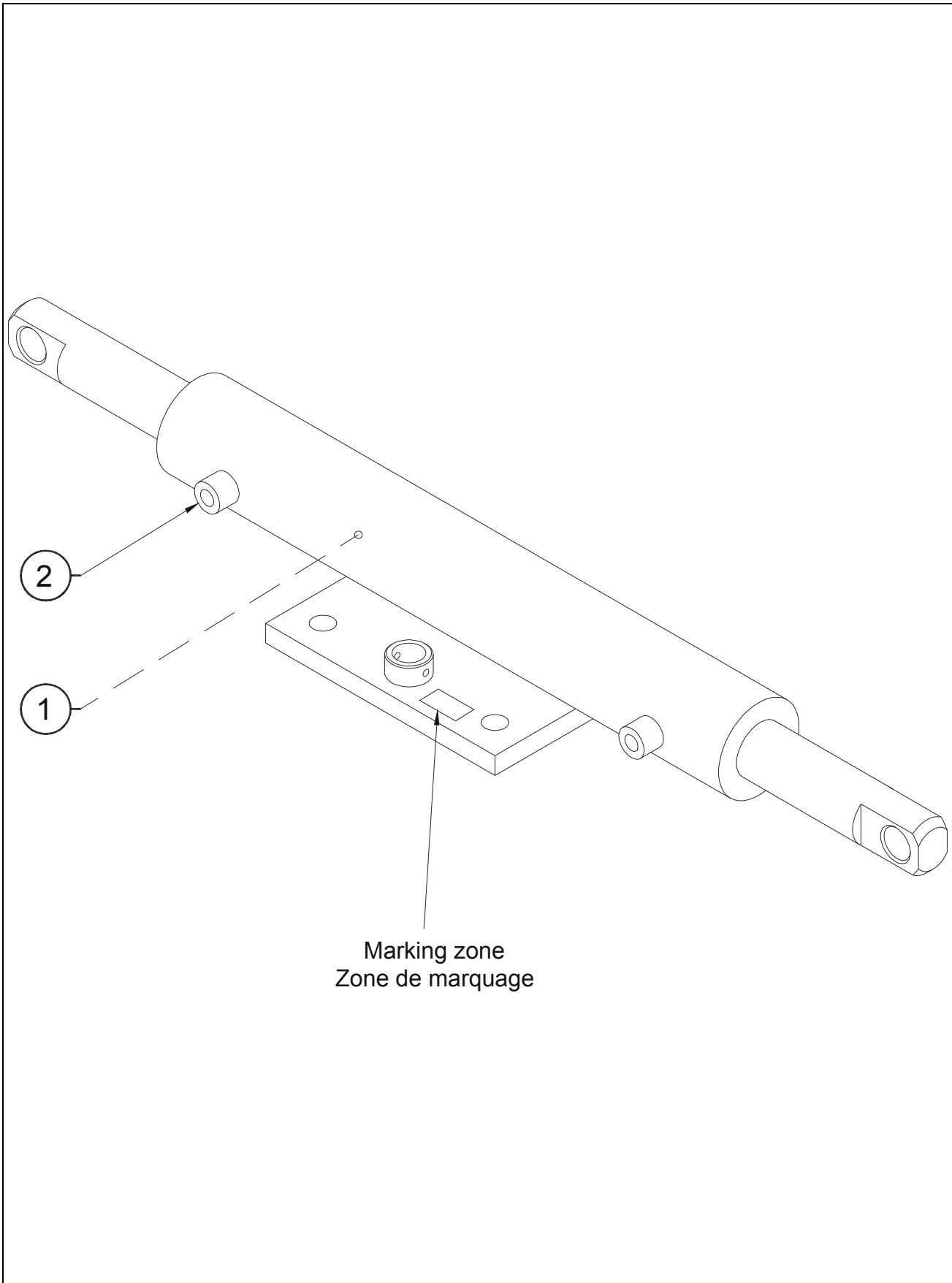


FIGURE 7-8. STEERING CYLINDER / VERIN DE DIRECTION

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			STEERING CYLINDER	VERIN DE DIRECTION		RM0081
1	960091	1	SEAL KIT	KIT DE JOINTS		
2	ST2476	1	STEERING CYLINDER	VERIN DE DIRECTION		

FIGURE 7-9. PLATFORM ROTATION CYLINDER / VERIN DE ROTATION PLATE-FORME

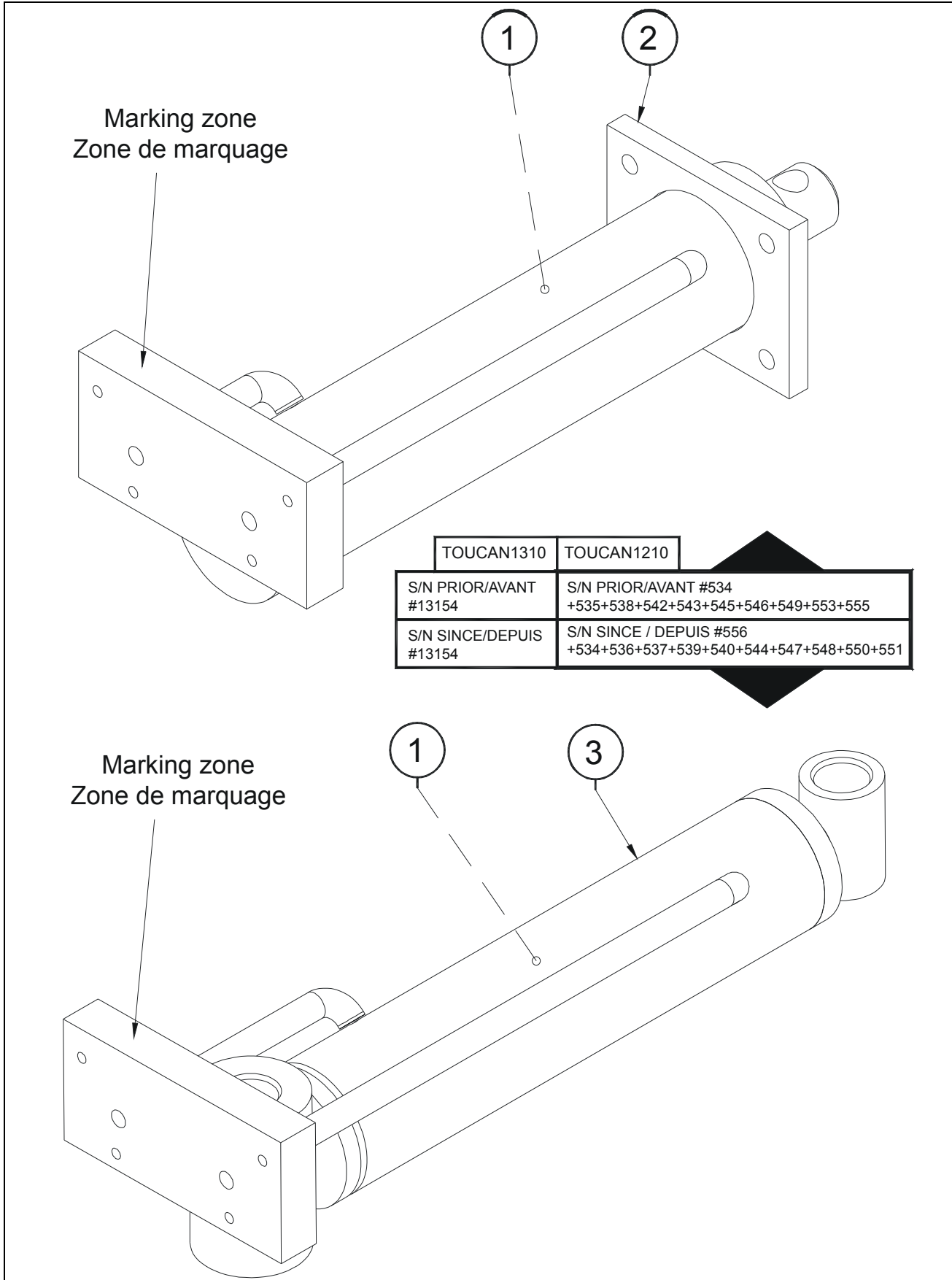


FIGURE 7-9. PLATFORM ROTATION CYLINDER / VERIN DE ROTATION PLATE-FORME

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			PLATFORM ROTATION CYLINDER	VERIN DE ROTATION PANIER	B	RM0082
1	960092	1	SEAL KIT	KIT DE JOINTS		
2	ST2471	1	PLATFORM ROTATION CYLINDER	VERIN DE ROTATION PLATE-FORME	B	
3	ST2956	1	PLATFORM ROTATION CYLINDER	VERIN DE ROTATION PLATE-FORME	B	

SECTION 7 APPENDIX A

FIGURE 7-9. PLATFORM ROTATION CYLINDER / VERIN DE ROTATION PLATE-FORME (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 8
APPENDIX B

FIGURE 8-1. BLACK WHEELS INSTALL / INSTALLATION ROUES NOIRES

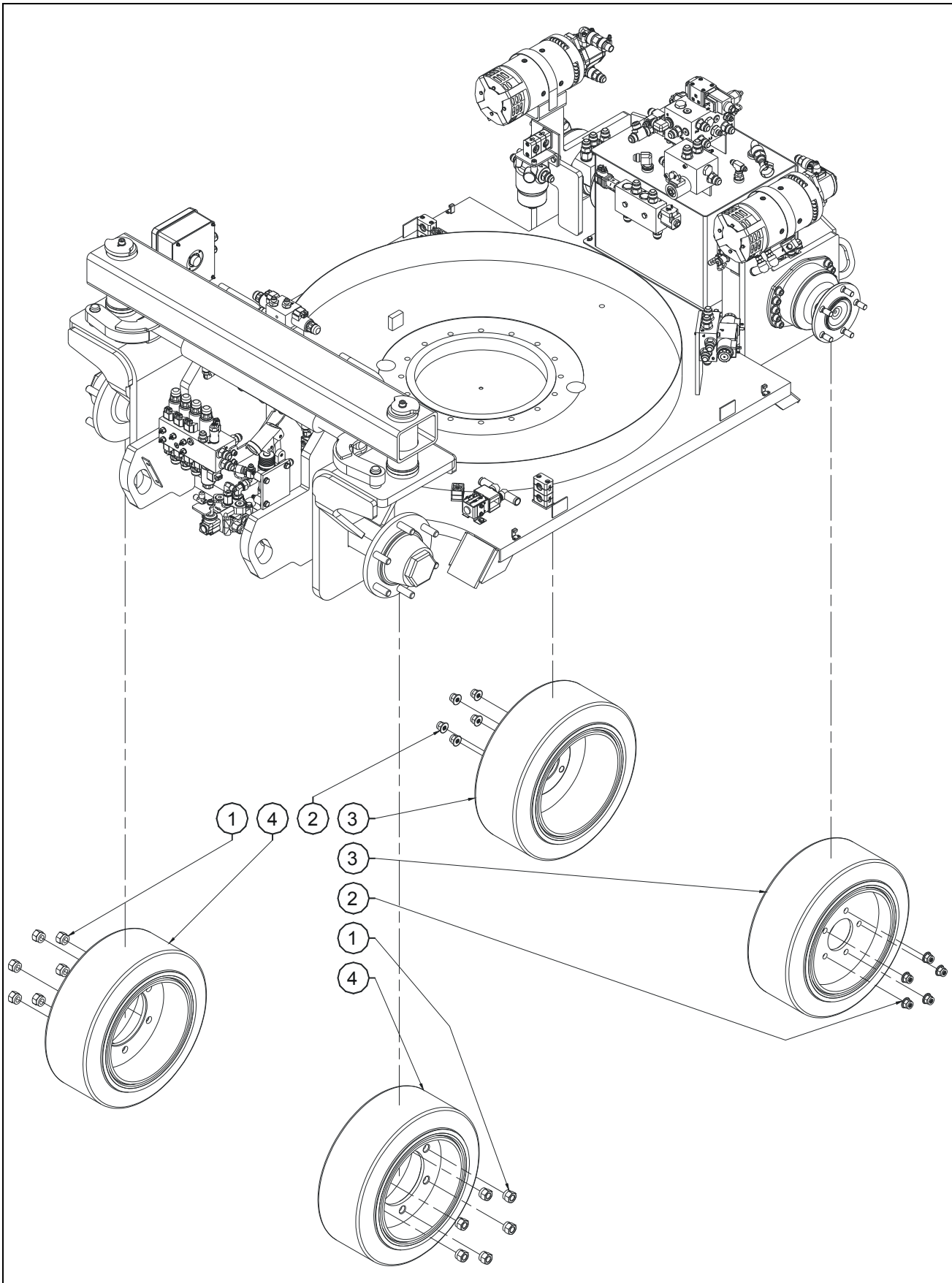


FIGURE 8-1. BLACK WHEELS INSTALL / INSTALLATION ROUES NOIRES

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			BLACK WHEELS INSTALL	INSTALLATION ROUES NOIRES		SP1225
1	920065	12	M18x150 NUT	ECROU H M18x150		
2	932017	2	5 NUTS KIT (INCLUDED IN MOTOR)	JEU DE 5 ECROUS (inclus dans moteur)		
3	ST2455	2	BLACK DRIVING WHEEL	ROUE MOTRICE NOIRE		
4	ST2456	2	BLACK STEERING WHEEL	ROUE DIRECTRICE NOIRE		

FIGURE 8-2. NON MARKING WHEELS INSTALL /
INSTALLATION ROUES NON MARQUANTES

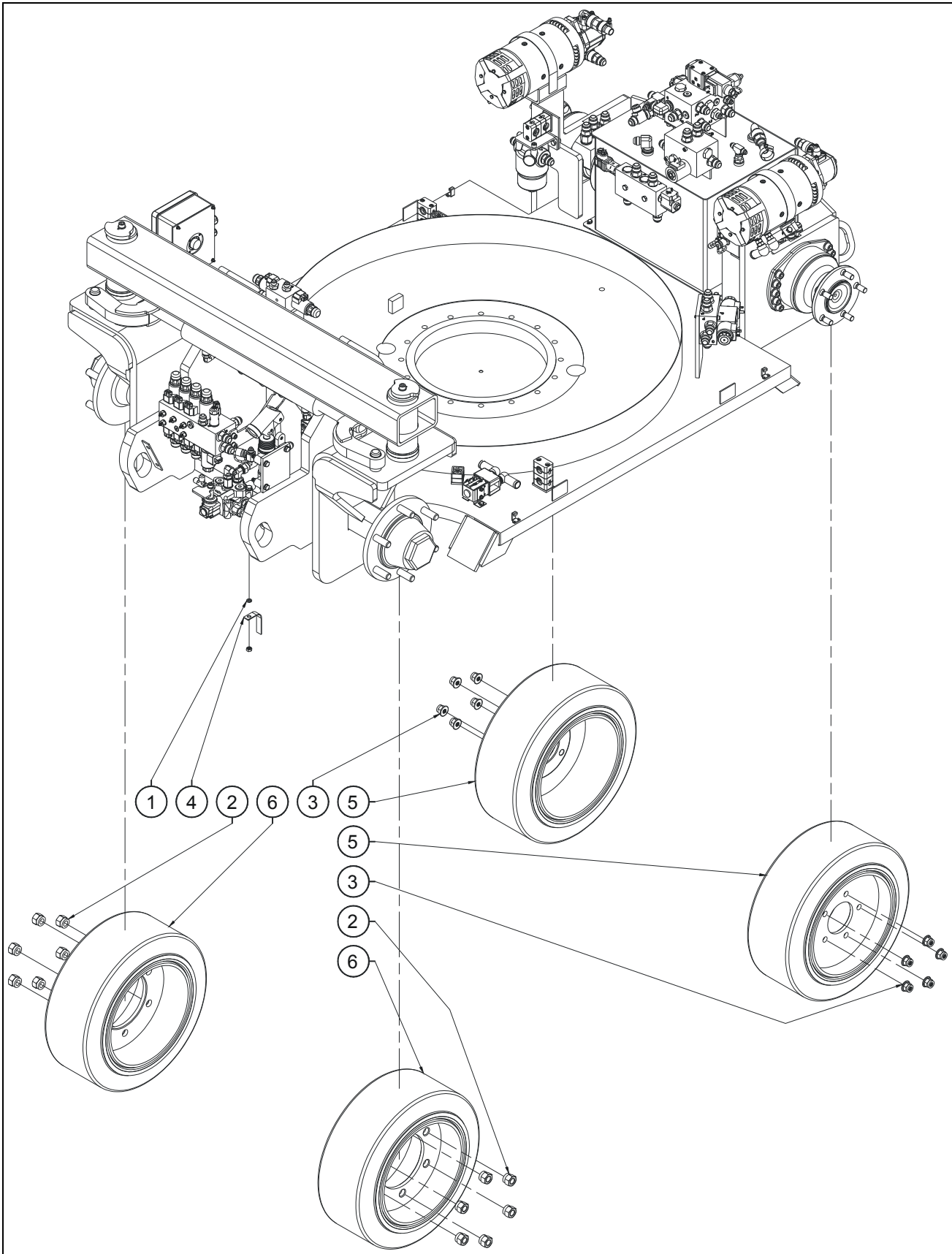


FIGURE 8-2. NON MARKING WHEELS INSTALL / INSTALLATION ROUES NON MARQUANTES

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			NON MARKING WHEELS INSTALL	INSTALLATION ROUES NON MAR- QUANTES	A	SP1226
1	120001	1	M16 WASHER	RONDELLE M16 BI		
2	920065	12	M18x150 NUT	ECROU H M18x150		
3	932017	2	5 NUTS KIT (INCLUDED IN MOTOR)	JEU DE 5 ECROUS (inclus dans moteur)		
4	SD0404	1	STRATIC STRAP	TRESSE DE MASSE		
5	ST2453	2	WHITE NON MARKING DRIVING WHEEL	ROUE MOT. NON MARQUANTE BLANCHE		
5	ST3076	2	GREY NON MARKING DRIVING WHEEL	ROUE MOTRICE NON MARQUANTE GRISE	A	
6	ST2454	2	WHITE NON MARKING STEERING WHEEL	ROUE DIR. NON MARQUANTE BLANCHE		
6	ST3077	2	GREY NON MARKING STEERING WHEEL	ROUE DIRECT. NON MARQUANTE GRISE	A	

SECTION 8 APPENDIX B

FIGURE 8-2. NON MARKING WHEELS INSTALL / INSTALLATION ROUES NON MARQUANTES

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 9
APPENDIX C

FIGURE 9-1. 600Ah BATTERY INSTALL / INSTALLATION BATTERIE 600Ah

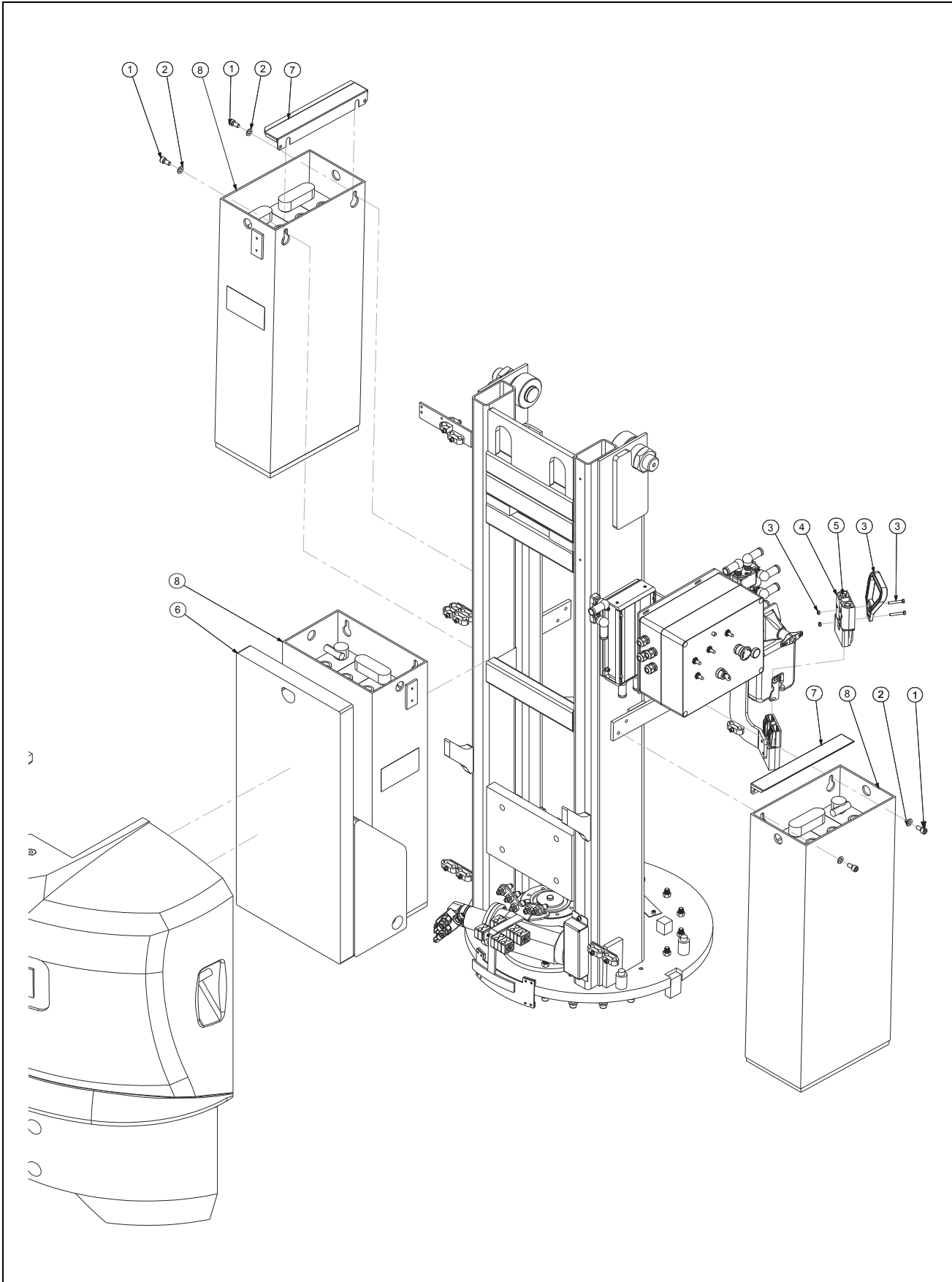


FIGURE 9-1. 600AH BATTERY INSTALL / INSTALLATION BATTERIE 600AH

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			600Ah BATTERY INSTALL	INSTALLATION BATTERIE 600Ah		SP1237
1	000028	4	M10x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M10x20 8.8 BI FT		
2	120011	4	dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		
3	250101	1	QUICK CONNECTOR HANDLE KIT	POIGNEE POUR PRISE RAPIDE		
4	250102	1	QUICK CONNECTOR	CONNECTEUR RAPIDE		
5	910031	2	2 BLADE CONTACTS (included in 250102)	2 COSSES PRISE (inclus dans 250102)		
6	DL0631	1	ADDITIONNAL COUNTERWEIGHT	CONTREPOIDS ADDITIONNEL		
7	ST2510	2	BATTERY COVER	CARTER BATTERIE		
8		x	BATTERY COMPONENTS	COMPOSANTS BATTERIES		APPENDIX E

FIGURE 9-2. 780/900Ah BATTERY INSTALL / INSTALLATION BATTERIE 780/900Ah

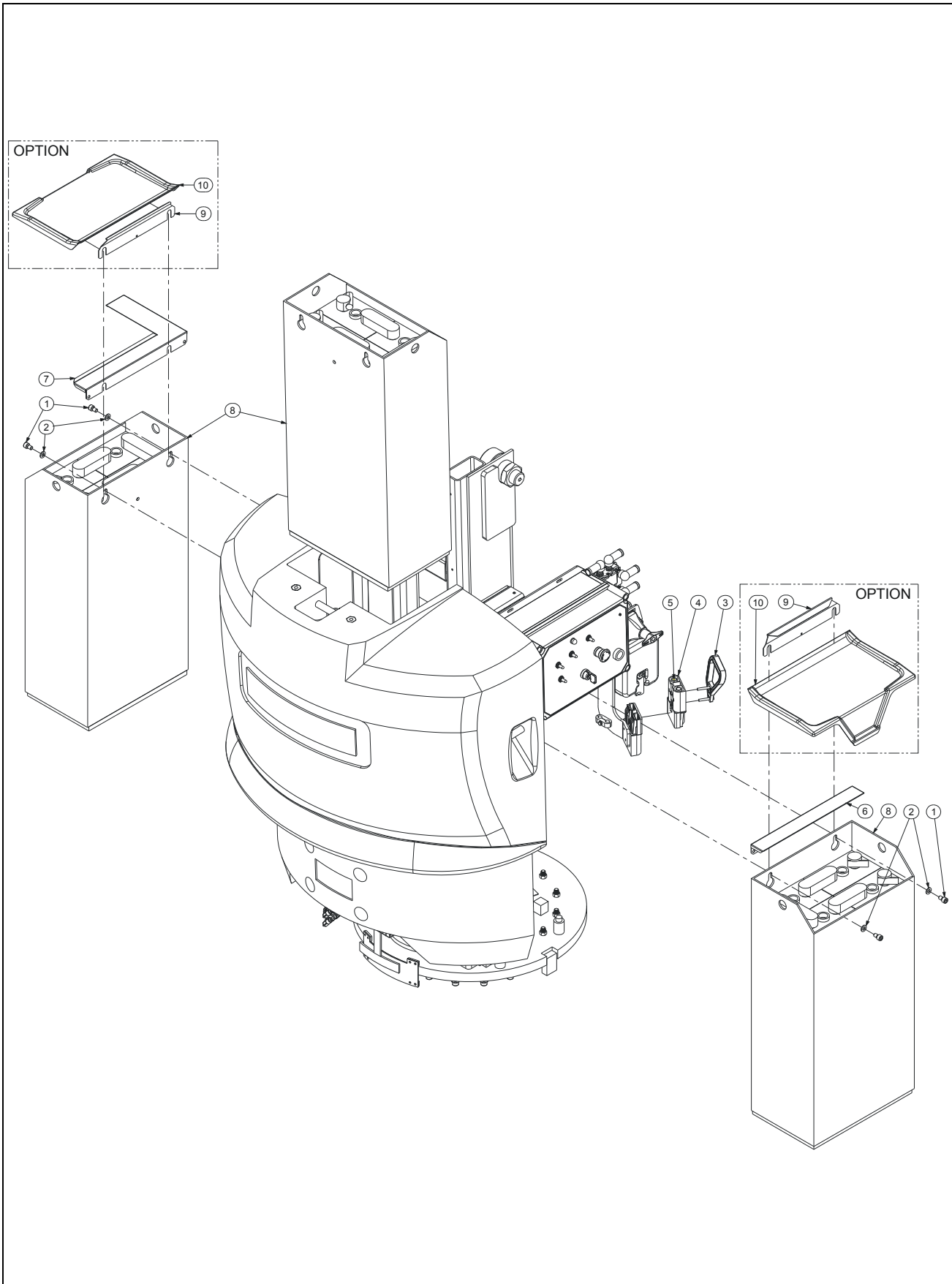


FIGURE 9-2. 780/900AH BATTERY INSTALL / INSTALLATION BATTERIE 780/900AH

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			780 / 900Ah BATTERY INSTALL	INSTALLATION BATTERIE 780 / 900Ah		SP1238
1	000028	4	M10x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M10x20 8.8 BI FT		
2	120011	4	dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		
3	250101	1	QUICK CONNECTOR HANDLE KIT	POIGNEE POUR PRISE RAPIDE		
4	250102	1	QUICK CONNECTOR	CONNECTEUR RAPIDE		
5	910031	2	2 BLADE CONTACTS (included in 250102)	2 COSSES PRISE (inclus dans 250102)		
6	ST2508	1	BATTERY COVER	CARTER BATTERIE		
7	ST2509	1	BATTERY COVER	CARTER BATTERIE		
8		x	BATTERY COMPONANTS	COMPOSANTS BATTERIES		APPENDIX E
9	ST3088	2	KEEPER-BATTERY COVER	TOLE DE MAINTIEN COUVERCLE BATTE- RIE		
10	ST3090	2	COVER-BATTERY CONTAINER 900Ah	COUVERCLE BATTERIE 900Ah		

SECTION 9 APPENDIX C

FIGURE 9-2. 780/900AH BATTERY INSTALL / INSTALLATION BATTERIE 780/900AH (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 10

APPENDIX D

FIGURE 10-1. LOW FREQUENCY CHARGER INSTALL /
INSTALLATION CHARGEUR BASSE FREQUENCE

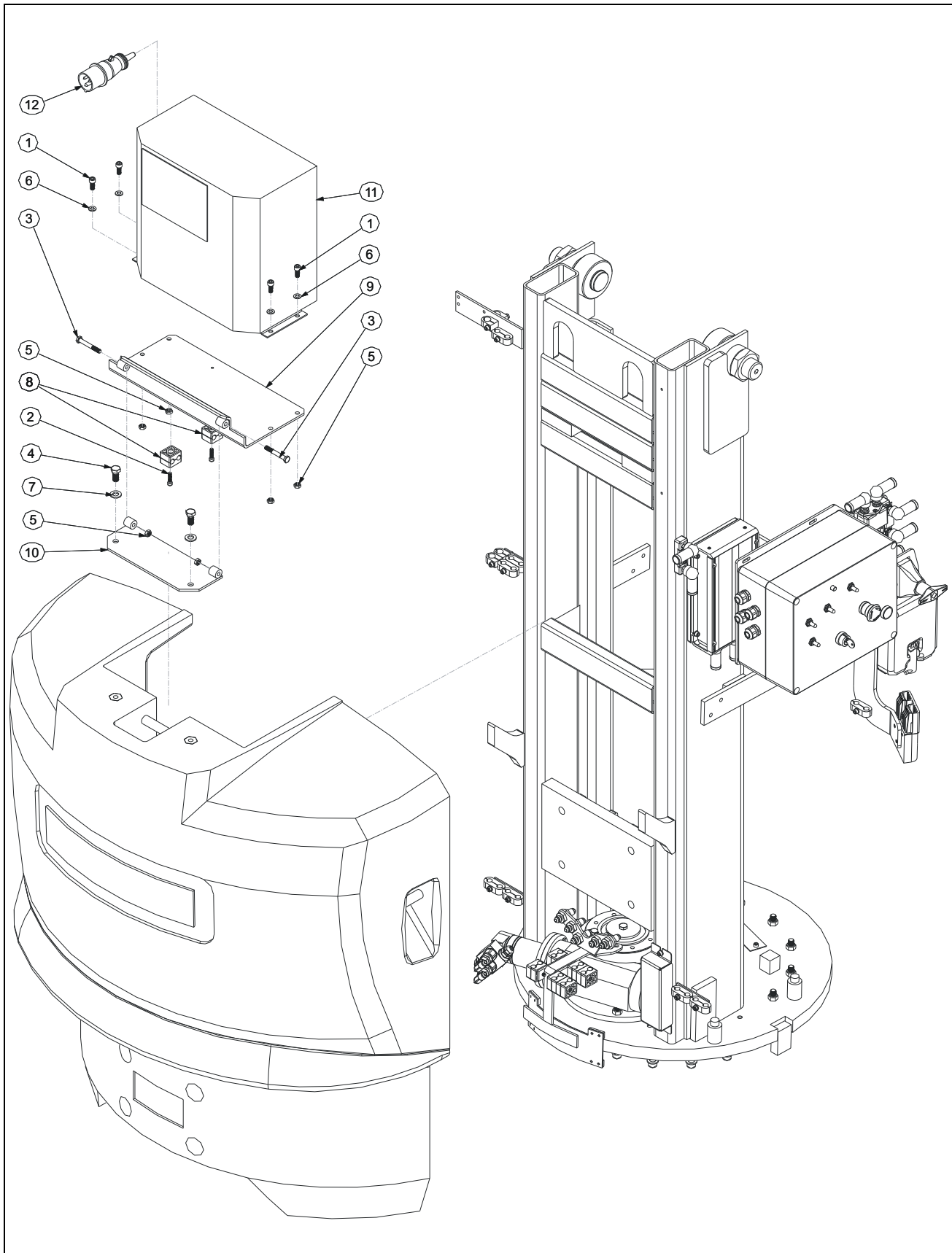


FIGURE 10-1. LOW FREQUENCY CHARGER INSTALL / INSTALLATION CHARGEUR BASSE FREQUENCE

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			LOW FREQUENCY CHARGER INSTALL	INSTALL CHARGEUR BASSE FREQUENCE		SP1227
1	000006	4	M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT		
2	000008	2	M06x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x25 8.8 BI FT		
3	100007	2	M08x50 8.8 HEX HEAD CAPSCREW	VIS H M08x50 8.8 BI FP		
4	100021	2	M12x25 8.8 HEX HEAD MACHINE SCREW	VIS H M12x25 8.8 BI FT		
5	110004	6	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
6	120010	4	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		
7	120015	2	dD 12x27 LOCK WASHER	RONDELLE CONTACT dD 12x27 BI		
8	400018	2	PAIR 1/2 SHELL Ø12-12	PAIRE DEMI COQUILLE Ø12-12		
9	ST2487	1	CHARGER PLATE	PLATINE CHARGEUR		
10	ST2488	1	CHARGER TILTABLE PLATE	PLATINE ARTICULEE CHARGEUR		
11		x	CHARGEUR COMPONANTS	COMPOSANTS CHARGEUR		APPENDIX F
12		1	CHARGER CONNECTOR	PRISE CHARGEUR		RM0059

FIGURE 10-2. 80 HF ZIVAN CHARGER INSTALL /
INSTALLATION CHARGEUR HF 80A ZIVAN

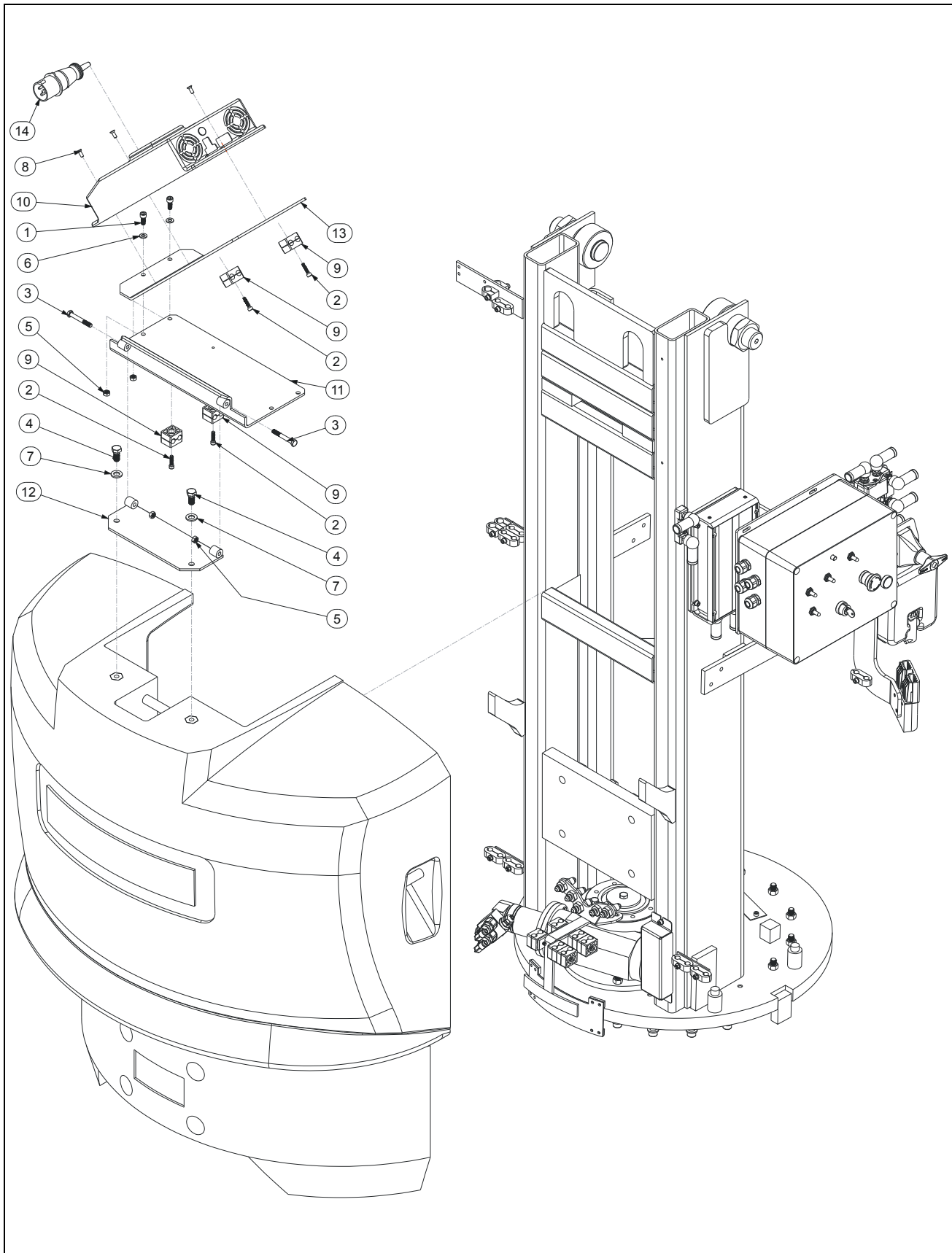


FIGURE 10-2. 80 HF ZIVAN CHARGER INSTALL / INSTALLATION CHARGEUR HF 80A ZIVAN

DET REP	PART NUMBER REF.	QTY	DESCRIPTION	REV	INFORMATION
			80A HF "ZIVAN" CHARGER INSTALL		SP1228
			INSTALLATION CHARGEUR HF 80A "ZIVAN"		
1	000006	2	M08x20 8.8 SOCKET HEAD MACH SCREW		
			VIS CHC M08x20 8.8 BI FT		
2	000008	4	M06x25 8.8 SOCKET HEAD MACH SCREW		
			VIS CHC M06x25 8.8 BI FT		
3	100007	2	M08x50 8.8 HEX HEAD CAPSCREW		
			VIS H M08x50 8.8 BI FP		
4	100021	2	M12x25 8.8 HEX HEAD MACHINE SCREW		
			VIS H M12x25 8.8 BI FT		
5	110004	4	M08 GR. 8.8 LOCK NUT		
			ECROU FREIN M8 8.8 BI		
6	120010	2	dD 08x18 LOCK WASHER		
			RONDELLE CONTACT dD 08x18 BI		
7	120015	2	dD 12x27 LOCK WASHER		
			RONDELLE CONTACT dD 12x27 BI		
8	130047	3	M5x16 8.8 COUNTERSUNK HEAD M SCR		
			VIS FHC M05x16 8.8 BI FT		
9	400018	4	PAIR 1/2 SHELL Ø12-12		
			PAIRE DEMI COQUILLE Ø12-12		
10		1	80A "F7BSTR" ZIVAN CHARGER		APPENDIX F
			CHARGEUR ZIVAN 80A "F7BSTR"		
11	ST2487	1	CHARGER PLATE		
			PLATINE CHARGEUR		
12	ST2488	1	CHARGER TILTABLE PLATE		
			PLATINE ARTICULEE CHARGEUR		
13	ST2489	1	HF CHARGER PLATE		
			PLATINE CHARGEUR HF		
14		1	CHARGER CONNECTOR		RM0059
			PRISE CHARGEUR		

FIGURE 10-3. POWERFINN CHARGER INSTALL /
INSTALLATION CHARGEUR POWERFINN

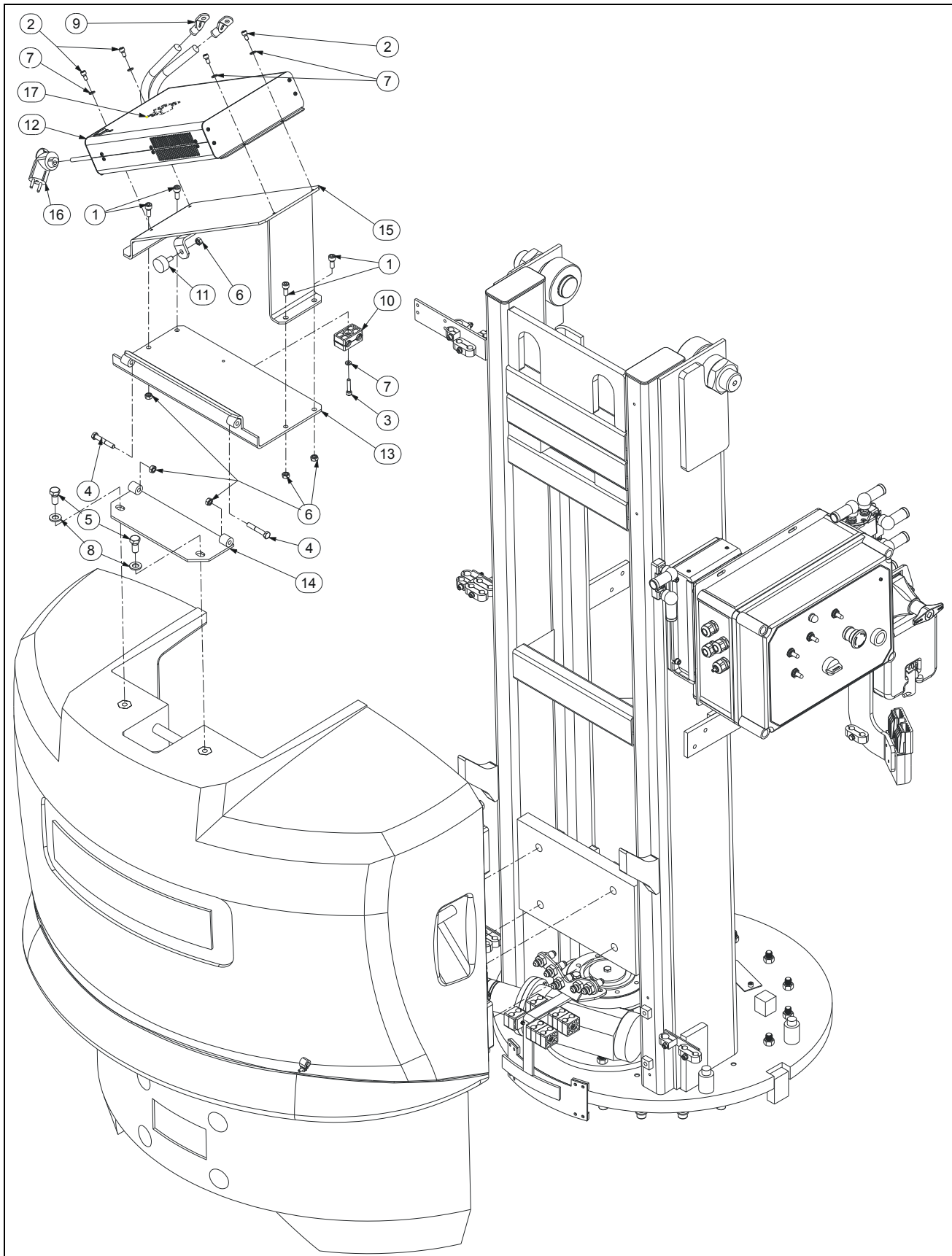
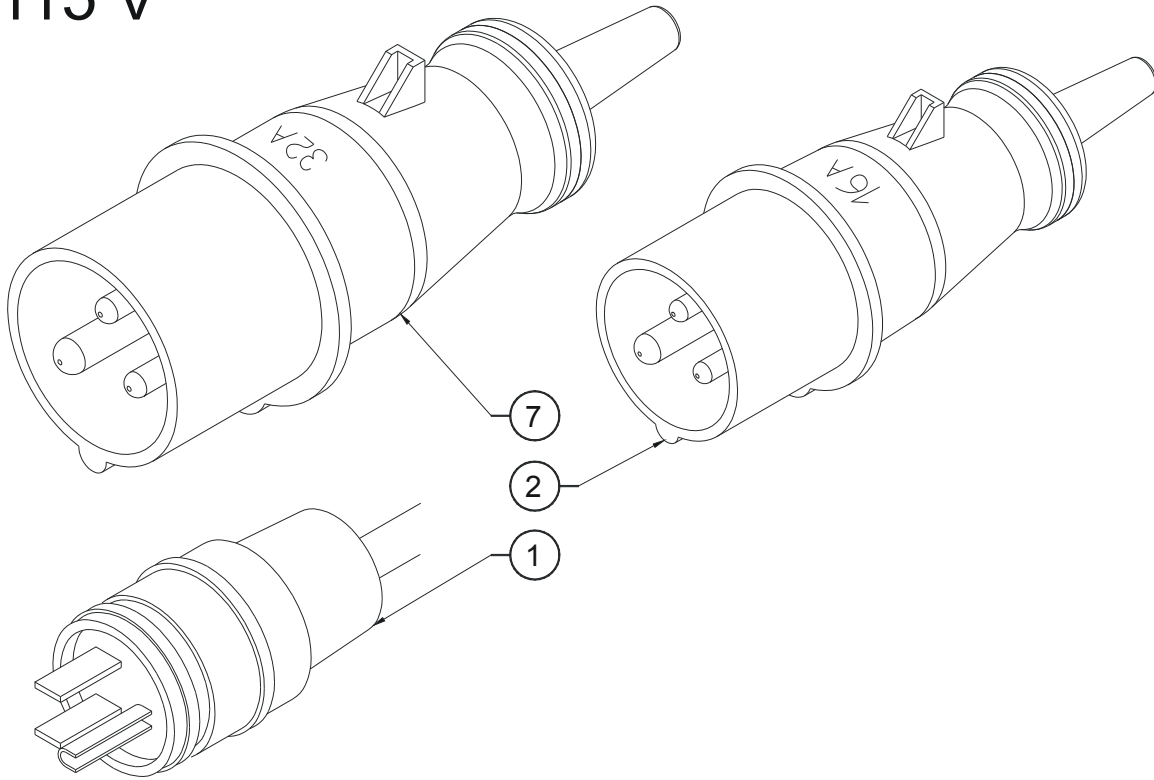


FIGURE 10-3. POWERFINN CHARGER INSTALL / INSTALLATION CHARGEUR POWERFINN

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			POWERFINN CHARGER INSTALL	INSTALLATION CHARGEUR POWERFINN		OPS496
1	000006	4	M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT		
2	000014	4	M06x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x12 8.8 BI FT		
3	000016	1	M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT		
4	100007	2	M08x50 8.8 HEX HEAD CAPSCREW	VIS H M08x50 8.8 BI FP		
5	100021	2	M12x25 8.8 HEX HEAD MACHINE SCREW	VIS H M12x25 8.8 BI FT		
6	110004	7	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
7	120009	5	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		
8	120015	2	dD 12x27 LOCK WASHER	RONDELLE CONTACT dD 12x27 BI		
9	250198	2	Ø 8 EYELET CRIMP TERMINAL 50mm ²	COSSE A CEIL Ø 8 - 50 mm ²		
10	400011	1	PAIR 1/2 SHELL Ø15-15	PAIRE DEMI COQUILLE Ø15-15		
11	400015	1	ELASTIC STOP	BUTEE ELASTIQUE		
12	510084	1	POWERFINN CHARGER	CHARGEUR POWERFINN		
13	ST2487	1	CHARGER PLATE	PLATINE CHARGEUR		
14	ST2488	1	CHARGER TILTABLE PLATE	PLATINE ARTICULEE CHARGEUR		
15	ST3044	1	CHARGER SUPPORT	SUPPORT CHARGEUR		
16		1	CHARGER CONNECTOR	PRISE CHARGEUR		RM0059
17	260317	1	125A FUSE	FUSIBLE 125A		

FIGURE 10-4. CHARGER CONNECTOR / PRISE CHARGEUR

115 V



230 V

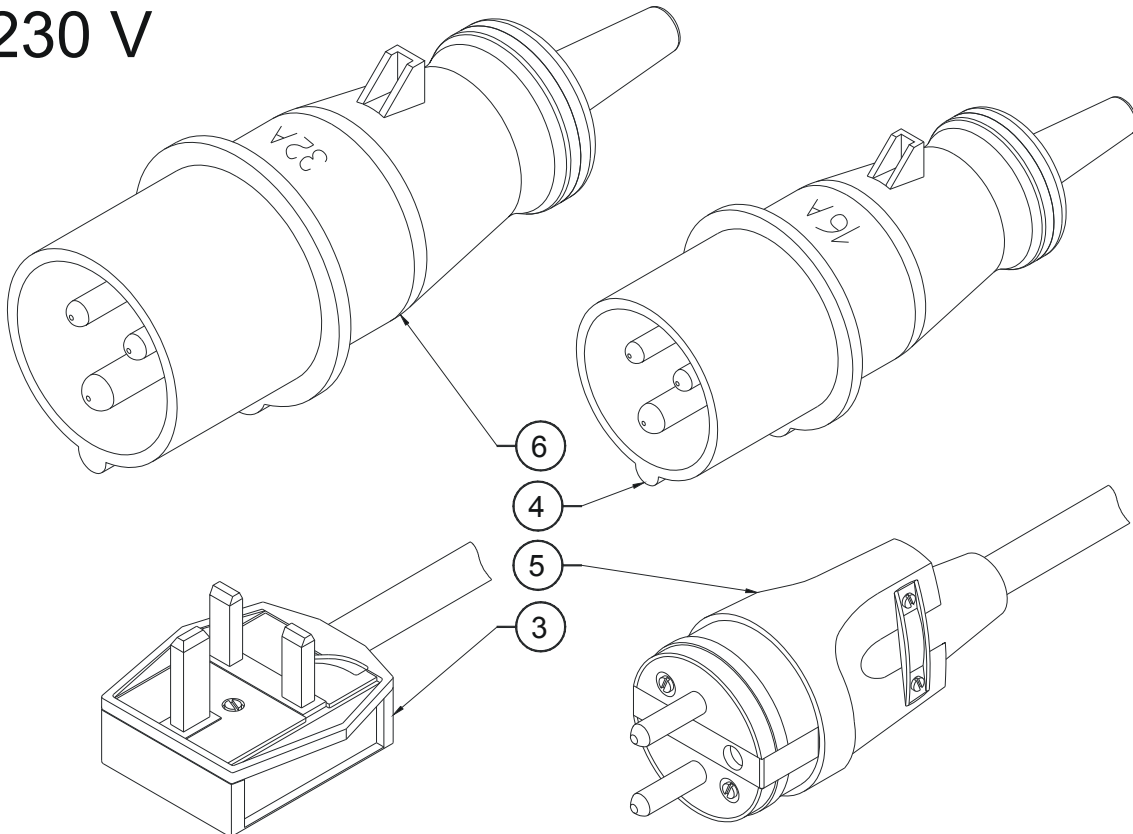


FIGURE 10-4. CHARGER CONNECTOR / PRISE CHARGEUR

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			CHARGER CONNECTOR	PRISE CHARGEUR		RM0059
1	7364002824	1	US 125 VAC MALE CONNECTOR (=260276)	PRISE US 125VAC (=260276)		
2	260213	1	Yellow CONNECTOR 115VAC/16A CEI, IP44	PRISE MALE Jaune 115VAC/16A CEI, IP44		
3	250117	1	UK 230 VAC MALE CONNECTOR	PRISE MALE 230VAC ROYAUME UNI		
4	260231	1	BLUE CONNECTOR 230VAC/16A CEI, IP44	PRISE MALE BLEUE 230VAC/16A CEI, IP44		
5	260214	1	FRENCH AND GERMAN 230V CONNec- TOR	PRISE 230V FRANCAISE ET ALLEMANDE		
6	260263	1	BLUE CONNECTOR 230VAC/32A CEI, IP44	PRISE MALE BLEUE 230VAC/32A CEI, IP44		
7	260266	1	Yellow CONNECTOR 115VAC/32A CEI, IP44	PRISE MALE Jaune 115VAC/32A CEI, IP44		

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FIGURE 10-4. CHARGER CONNECTOR / PRISE CHARGEUR (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 11
APPENDIX E

FIGURE 11-1. BATTERY COMPONENTS / COMPOSANTS BATTERIE

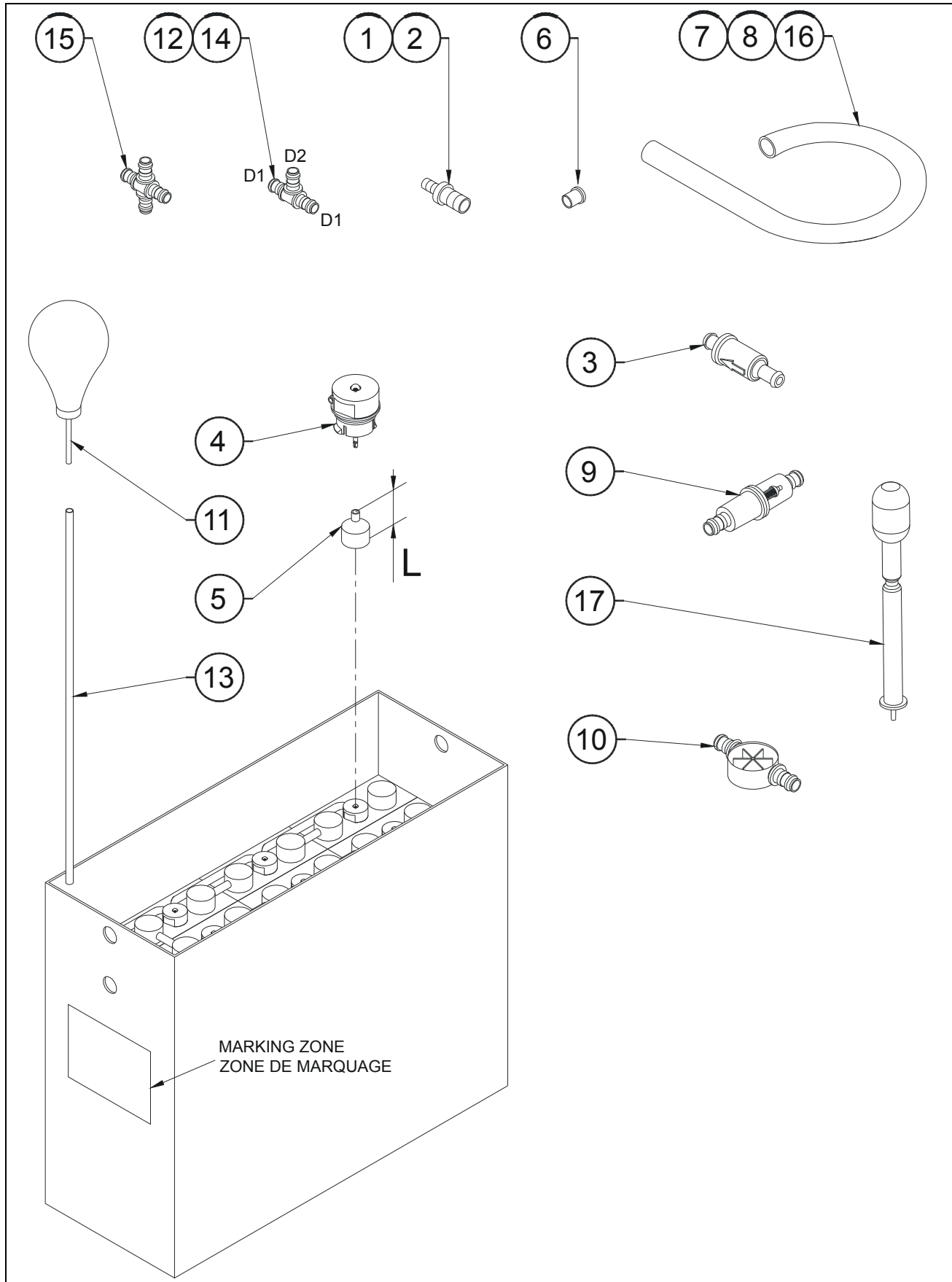


FIGURE 11-1. BATTERY COMPONENTS / COMPOSANTS BATTERIE

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			BATTERY COMPONENTS	COMPOSANTS BATTERIE		PT0249
1	400059	x	4/6 REDUCTION	REDUCTION 4/6		
2	400065	x	6/10 REDUCTION	REDUCTION 6/10		
3	400086	x	CHECK VALVE	CLAPET ANTI-RETOUR		
4	950033	x	BATTERY CELL LEVEL CAP	BOUCHON NIVEAU D'ELEMNT BATTERIE		
5	950222	x	FLOAT L= 14	FLOTTEUR L= 14		
5	950223	x	FLOAT L= 20	FLOTTEUR L= 20		
5	950224	x	FLOAT L= 29	FLOTTEUR L= 29		
5	950225	x	FLOAT L= 34	FLOTTEUR L= 34		
5	950226	x	FLOAT L= 39	FLOTTEUR L= 39		
5	950227	x	FLOAT L= 44	FLOTTEUR L= 44		
5	950228	x	FLOAT L= 49	FLOTTEUR L= 49		
6	950038	x	TERMINAL CAP	OBTURATEUR TERMINAL		
7	950039	x	Ø6 PIPE (quantity indicated in meter)	TUYAU Ø 6 (quantité indiquée en mètre)		
8	950040	x	Ø10 PIPE (quantity indicated in meter)	TUYAU Ø10 (quantité indiquée en mètre)		
9	950041	x	FILTER	FILTRE		
10	950044	x	FLOW INDICATOR Ø10	INDICATEUR DE DEBIT Ø10		
11	950047	x	BATTERY BULB	POIRE BATTERIE		
12	950052	x	RUN TEE 06/06/06	TE 06/06/06		
13	950058	x	PIPE	TUBE		
14	950059	x	RUN TEE D1/D2/D1: 06/10/06	TE D1/D2/D1: 06/10/06		
15	950214	x	CROSS 06	CROIX 06		
16	950215	x	Ø4 PIPE (quantity indicated in meter)	TUYAU Ø 4 (quantité indiquée en mètre)		
17	950216	x	HYDROMETER	PESE ACIDE		

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FIGURE 11-1. BATTERY COMPONENTS / COMPOSANTS BATTERIE (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 12

APPENDIX F

FIGURE 12-1. 80A «F7BSTR» ZIVAN CHARGER / CHARGEUR ZIVAN

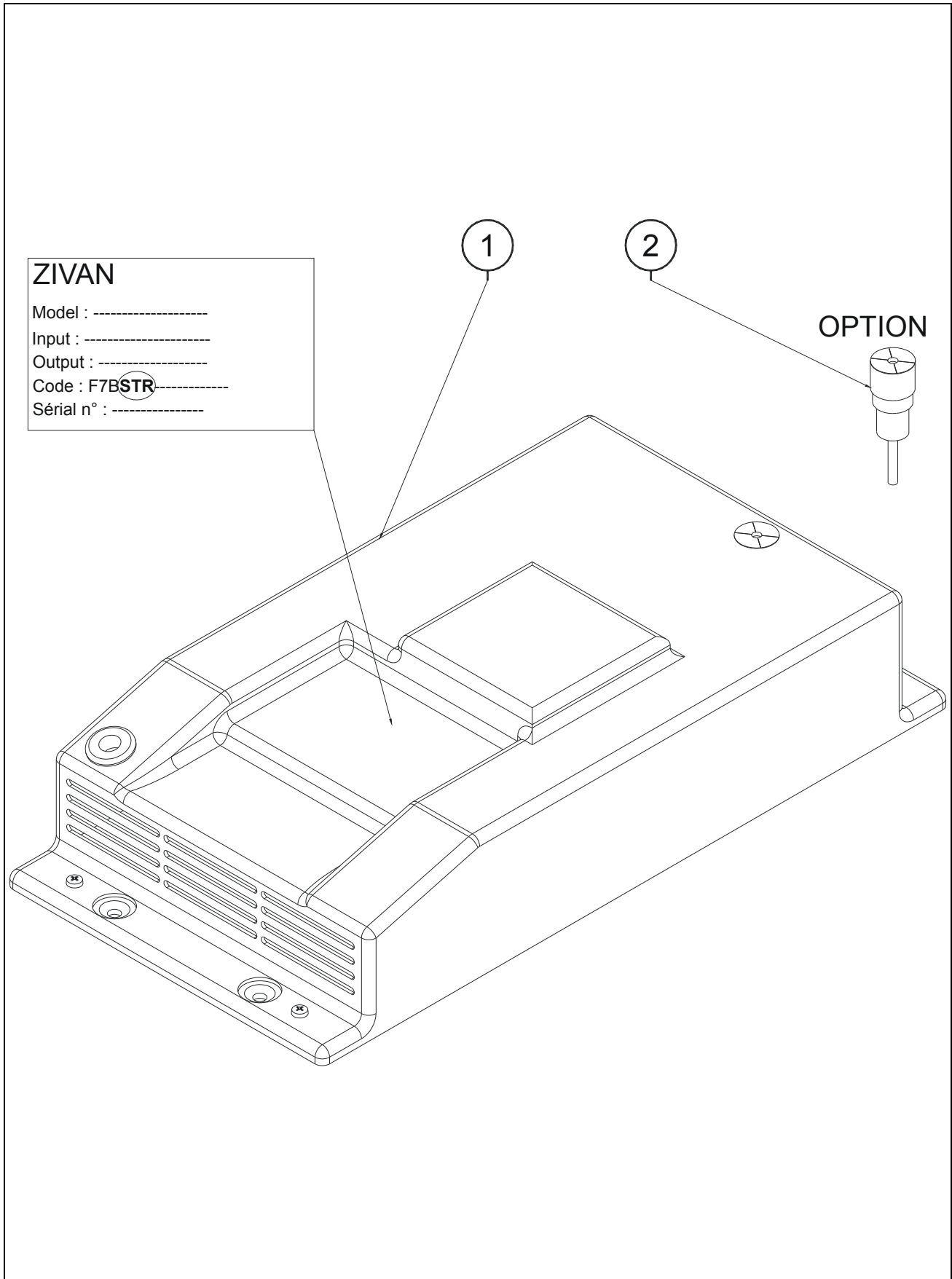


FIGURE 12-1. 80A «F7BSTR» ZIVAN CHARGER / CHARGEUR ZIVAN

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	510067		80A "F7BSTR" ZIVAN CHARGER	CHARGEUR ZIVAN 80A "F7BSTR"		510067
1	510067	1	80A "F7BSTR" ZIVAN CHARGER	CHARGEUR ZIVAN 80A "F7BSTR"		
2	510060	x	EXTERNAL INDICATOR	INDICATEUR EXTERNE		

FIGURE 12-2. 80A «F7BTGR» ZIVAN GEL CHARGER / CHARGEUR GEL

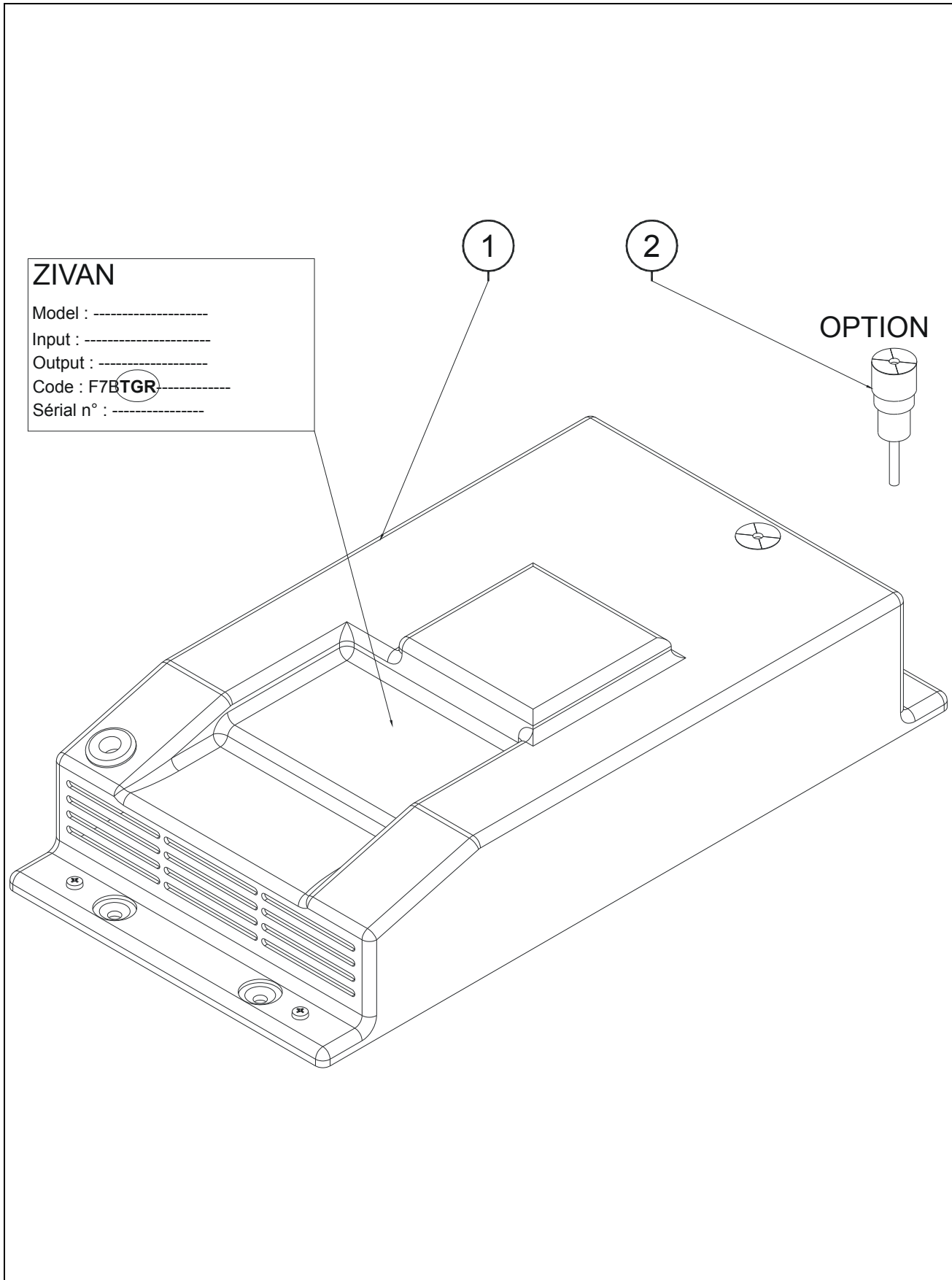


FIGURE 12-2. 80A «F7BTGR» ZIVAN GEL CHARGER / CHARGEUR GEL

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	510065		80A "F7BTGR" ZIVAN CHARGER (GEL)	CHARGEUR ZIVAN 80A "F7BTGR" (GEL)		510065
1	510065	1	80A "F7BTGR" ZIVAN CHARGER (GEL)	CHARGEUR ZIVAN 80A "F7BTGR" (GEL)		
2	510060	x	EXTERNAL INDICATOR	INDICATEUR EXTERNE		

FIGURE 12-3. 115/230V 70A OLDHAM CHARGER / CHARGEUR

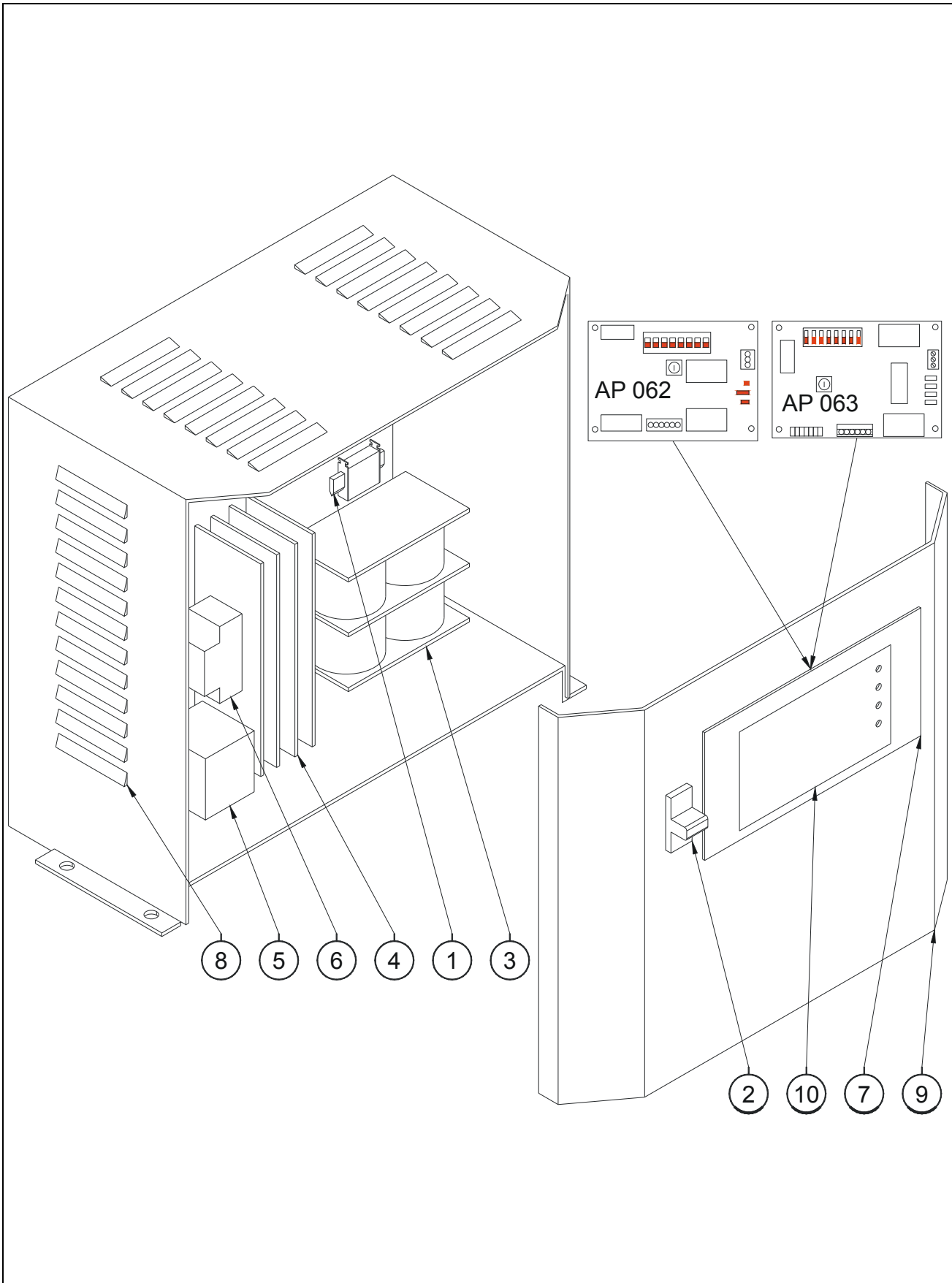


FIGURE 12-3. 115/230V 70A OLDHAM CHARGER / CHARGEUR

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	510078		OLDHAM CHARGER 115/230V 70A	CHARGEUR 115/230V 70A OLDHAM		510078
1	951019	1	NH00/80A gl FUSE	FUSIBLE NH00/80A gl		
2	951021	1	32A CIRCUIT BREAKER	COUPE CIRCUIT 32A		
3	951023	1	24/70V - 115/230V TRANSFORMER	TRANSFORMATEUR 24/70V - 115/230V		
4	951025	1	DIODE BRIDGE PMS-70C 140x250	PONT DE DIODE PMS-70C 140x250		
5	951026	1	30VA AUXILIARY TRANSFORMER	TRANSFORMATEUR AUXILIAIRE 30VA		
6	951027	1	240VAC CONTACTOR	CONTACTEUR 24VAC		
7	951028	1	AP 062 ELECTRONIC BOARD	CARTE ELECTRONIQUE AP 062		
7	951032	1	AP 063 ELECTRONIC BOARD	CARTE ELECTRONIQUE AP 063		
8	951029	1	REAR COVER	CHASSIS ARRIERE		
9	951030	1	FRONT COVER	CHASSIS AVANT		
10	951031	1	DECAL	AUTOCOLLANT		

FIGURE 12-4. 115/230V SELECT 70A OLDHAM CHARGER / CHARGEUR

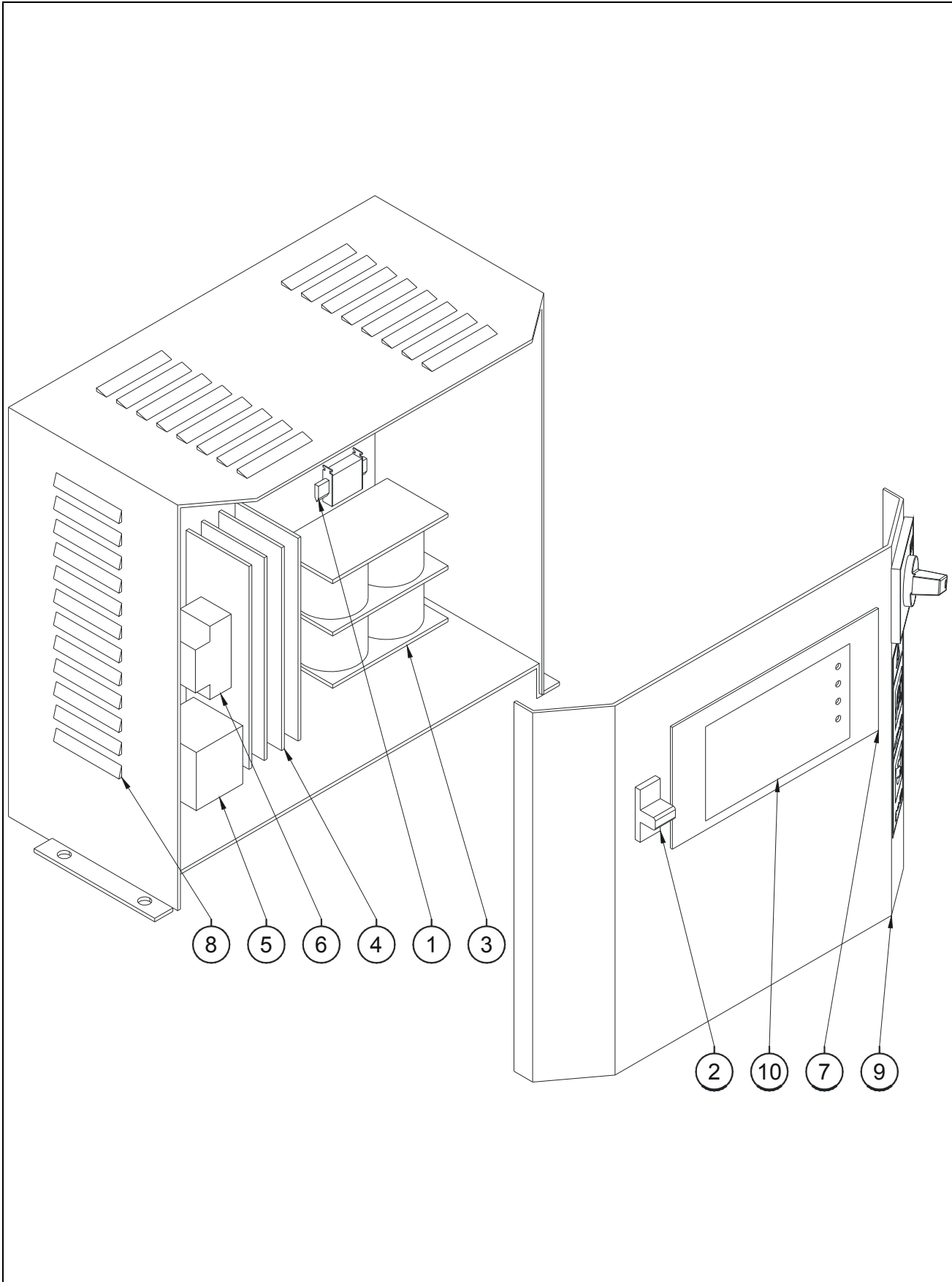


FIGURE 12-4. 115/230V SELECT 70A OLDHAM CHARGER / CHARGEUR

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	510082		OLDHAM CHARGER SELECT 115/230V 70A	CHARGEUR 70A OLDHAM SELECT 115/ 230V		510082
1	951019	1	NH00/80A gl FUSE	FUSIBLE NH00/80A gl		
2	951021	1	32A CIRCUIT BREAKER	COUPE CIRCUIT 32A		
3	951023	1	24/70V - 115/230V TRANSFORMER	TRANSFORMATEUR 24/70V - 115/230V		
4	951025	1	DIODE BRIDGE PMS-70C 140x250	PONT DE DIODE PMS-70C 140x250		
5	951026	1	30VA AUXILIARY TRANSFORMER	TRANSFORMATEUR AUXILIAIRE 30VA		
6	951027	1	240VAC CONTACTOR	CONTACTEUR 24VAC		
7	951032	1	AP 063 ELECTRONIC BOARD	CARTE ELECTRONIQUE AP 063		
8	951029	1	REAR COVER	CHASSIS ARRIERE		
9	951030	1	FRONT COVER	CHASSIS AVANT		
10	951031	1	DECAL	AUTOCOLLANT		

FIGURE 12-5. 115/230V 70A OLDHAM CHARGER / CHARGEUR

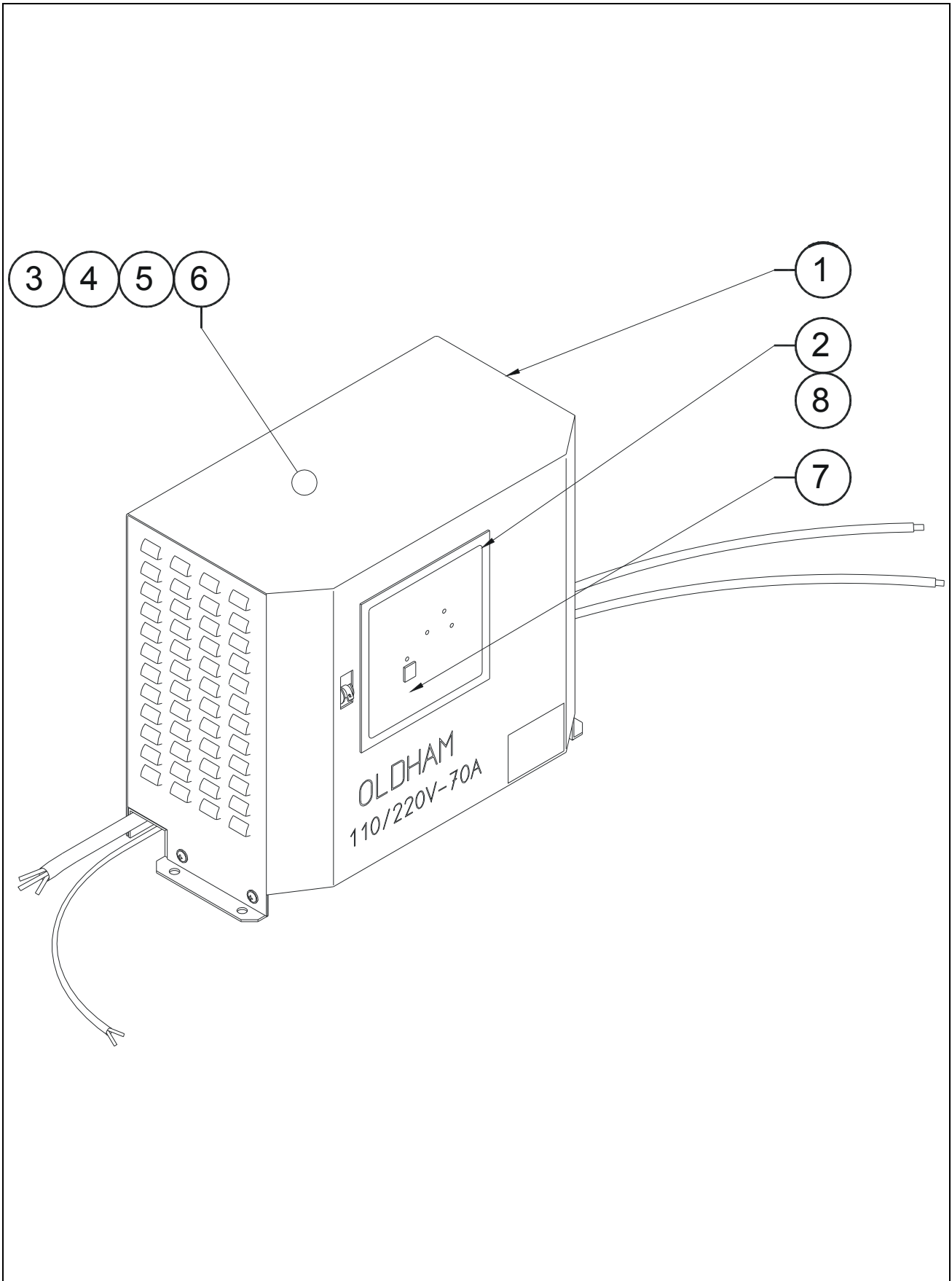


FIGURE 12-5. 115/230V 70A OLDHAM CHARGER / CHARGEUR

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	510034		OLDHAM CHARGER 115/230V 70A	CHARGEUR 115/230V 70A OLDHAM		510034
1	510034		OLDHAM CHARGER 115/230V 70A	CHARGEUR 115/230V 70A OLDHAM		
2	950100		"CP IV" ELECTRONIC BOARD	CARTE ELECTRONIQUE "CP IV"		
3	950103		TRI AC-3 18A M7 CONTACTOR	CONTACTEUR TRI AC-3 18A M7		
4	950104		FUSE HOLDER	SUPPORT FUSIBLE		
5	950105		100A FUSE	FUSIBLE 100A		
6	950107		RELAY "POWER PRESENCE"	RELAIS "PRESENCE SECTEUR"		
7	950111		ON/OFF SWITCH	INTERRUPTEUR MARCHE/ARRET		
8	950144		"HP III" ELECTRONIC BOARD	CARTE ELECTRONIQUE "HP III"		

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FIGURE 12-5. 115/230V 70A OLDHAM CHARGER / CHARGEUR (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

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FIGURE 13-1. STANDARD DECAL KIT / AUTOCOLLANTS STANDARD

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	PA0945		T1210 CE DECALS	AUTOCOLLANTS T1210 CE	A	PA0945
1	1702773	2	BIG JLG DECAL ON BASKET	AU JLG GRANDE TAILLE PANIER		
2	1703177	1	AU JLG	JLG AUTOCOLLANT		
3	1706493	1	DROP BAR DECAL	AU RISQUE DE CHUTE SOUS-LISSE		
4	1706764	2	JLG.COM DECAL	AU JLG.COM		
5	AU0048	1	DECAL, OIL LEVEL F	AU HUILE NIVEAU F		
6	AU0769	1	DECAL DOCUMENT BOX	AU PORTE-DOCUMENTS		
7	AU0871	2	WEAR BODY HARNESS	HARNAIS DE SECURITE		
8	AU1107	2	DECAL CRUSHING T1010	AU ECRASEMENT T1010		
9	AU1416	4	TRANSLATION ARROW DECAL	AU FLECHES DE TRANSLATION		
10	AU1418	4	NO KARCHER DECAL	AU INTERDICTION KARCHER		
11	AU1423	1	FILTER CHANGE DECAL	AU CHANGEMENT DE FILTRE		
12	AU1506	1	DECAL BREAKDOWN	AU POSTE DE DEPANNAGE		
13	AU1509	1	CIRCUIT CUT OUT DECAL	AU COUPE CIRCUIT		
14	AU1512	1	GREASE LUB. POINT DECAL	AU POINT DE GRAISSAGE		
15	AU1514	1	STEERING BREAKDOWN DECAL	AU POSTE DE DEPANNAGE DIRECTION		
16	AU1517	1	EMERGENCY DECAL	AU POSTE DE SECOURS		
17	AU1567	4	DECAL LIFTING/TIE DOWN	AU LEVAGE/ARRIMAGE		
18	AU1591	1	TIE DOWN DECAL	ARRIMAGE - ELINGAGE T1210		
19	AU1593	1	MOTOR RELEASE DECAL	DEBRAYAGE MOTEURS		
20	AU1825	1	FRONT BASKET TOUCAN DECAL	LOGO TOUCAN AVANT PANIER		
21	AU1826	2	TOUCAN 1210 JLG DESIGN	TOUCAN 1210 CHARTE JLG		

FIGURE 13-1-1. COUNTRIES DECAL / AUTOCOLLANTS PAYS

		CHARGE/ LOAD	CONSIGNES/ INSTRUCTIONS (Qté / Qty:2)
Belgium/Belgique	NL	AU1558	AU1559
	F	AU1507	AU1508
Czech/Tcheque	CZ	AU1978	AU1979
		PA1016	
Denmark/Danemark	DK	AU1590	AU1589
		PA0838	
Dutch/Hollande	NL	AU1558	AU1559
		PA0797	
Espagne/Spain	E	AU1565	AU1564
		PA0809	
Finland/Finlande	FIN	AU1551	AU1550
		PA0806	
France	F	AU1507	AU1508
		PA0792	
Germany/Allemagne Austria/Autriche	D	AU1549	AU1548
	A	PA0805	
Italy/Italie	I	AU1547	AU1546
		PA0804	
Norway / Norvège	N	AU2074	AU2075
		PA01070	
Portugal	P	AU1563	AU1562
		PA0808	
Romania / Roumanie	RO	AU2093	AU2092
		PA1080	
Suède/Sweden	S	AU1560	AU1561
		PA0807	
Suisse/Switzerland	F	AU1507	AU1508
	D	AU1549	AU1548
UK / Royaume Uni	GB	AU1527	AU1528
		PA0794	
PAxxxx = COMPLETE KIT / JEU COMPLET			

FIGURE 13-1-1. COUNTRIES DECAL / AUTOCOLLANTS PAYS

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			TOUCAN 1210 COUNTRIES DECAL KIT	AUTOCOLLANTS PAYS T1210		TPA0945
1	AU1507	1	LOADS DECAL T1210 FRANCE	AU CHARGES T1210 FRANCE		
2	AU1508	2	DECAL INSTRUCTIONS T1210 FRANCE	AU CONSIGNES T1210 FRANCE		
3	AU1527	1	DECAL, LOAD T1210 GB	AU CHARGES T1210 GB		
4	AU1528	2	DECAL, INSTRUCTIONS T1210 GB	AU INSTRUCTIONS T1210 GB		
5	AU1546	2	DECAL INSTRUCTIONS T1210 ITALY	AU CONSIGNES T1210 ITALIE		
6	AU1547	1	DECAL LOAD T1210 ITALY	AU CHARGES T1210 ITALIE		
7	AU1548	2	DECAL INSTRUCT. T1210 GERMANY	AU CONSIGNES T1210 ALLEMAGNE		
8	AU1549	1	DECAL LOAD T1210 GERMANY	AU CHARGES T1210 ALLEMAGNE		
9	AU1550	2	DECAL INSTRUCT. T1210 FINLAND	AU CONSIGNES T1210 FINLANDE		
10	AU1551	1	DECAL LOAD T1210 FINLAND	AU CHARGES T1210 FINLANDE		
11	AU1558	1	DECAL LOAD T1210 NETHERLANDS	AU CHARGES T1210 HOLLANDE		
12	AU1559	2	DECAL INSTR. T1210 NETHERLANDS	AU CONSIGNES T1210 HOLLANDE		
13	AU1560	1	DECAL LOAD T1210 SWEDEN	AU CHARGES T1210 SUEDE		
14	AU1561	2	DECAL INSTRUCT T1210 SWEDEN	AU CONSIGNES T1210 SUEDE		
15	AU1562	2	DECAL INSTRUCT. T1210 PORTUGAL	AU CONSIGNES T1210 PORTUGAL		
16	AU1563	1	DECAL LOAD T1210 PORTUGAL	AU CHARGES T1210 PORTUGAL		
17	AU1564	2	DECAL INSTRUCTION T1210 SPAIN	AU CONSIGNES T1210 ESPAGNE		
18	AU1565	1	DECAL LOAD T1210 SPAIN	AU CHARGES T1210 ESPAGNE		
19	AU1589	2	DECAL INSTRUCT. T1210 DENMARK	AU INSTRUCTIONS T1210 DANEMARK		
20	AU1590	1	DECAL LOAD T1210 DENMARK	AU CHARGES T1210 DANEMARK		
21	AU1978	1	INSTRUCTIONS T1210 TCHEQUE	CONSIGNES T1210 TCHEQUE		
22	AU1979	2	LOADS T1210 TCHEQUE	CHARGES T1210 TCHEQUE		
23	AU2074	1	DECAL LOAD T1210 NORWAY	AU CHARGES T1210 NORVEGE		
24	AU2075	2	DECAL INSTRUCTION T1210 NORWAY	AU CONSIGNES T1210 NORVEGE		
25	AU2092	2	INSTRUCTIONS T1210-T1310 ROMANIA	CONSIGNES T1210-T1310 ROUMANIE		
26	AU2093	1	DECAL LOAD T1210 ROMANIA	AU CHARGES T1210 ROUMANIE		
27	PA0792	1	T1210 FRENCH DECALS	AUTOCOLLANTS FRANCE T1210		
28	PA0794	1	T1210 UK DECALS	AUTOCOLLANTS GB T1210		
29	PA0797	1	T1210 DUCH DECALS	AUTOCOLLANTS HOLLANDE T1210		
30	PA0804	1	T1210 ITALY DECALS	AUTOCOLLANTS ITALIE T1210		
31	PA0805	1	T1210 GERMANY DECALS	AUTOCOLLANTS ALLEMAGNE T1210		
32	PA0806	1	T1210 FINLAND DECALS	AUTOCOLLANTS FINLANDE T1210		
33	PA0807	1	T1210 SWEDEN DECALS	AUTOCOLLANTS SUEDE T1210		
34	PA0808	1	T1210 PORTUGUESE DECALS	AUTOCOLLANTS PORTUGAL T1210		
35	PA0809	1	T1210 SPAIN DECALS	AUTOCOLLANTS ESPAGNE T1210		
36	PA0838	1	T1210 DENMARK DECALS	AUTOCOLLANTS DANEMARK T1210		
37	PA1016	1	T1210 CZECH DECALS	AUTOCOLLANTS TCHEQUE T1210		
38	PA1070	1	T1210 NORWAY DECALS	AUTOCOLLANTS NORVEGE T1210		
39	PA1080	1	T1210 ROMANIA DECALS	AUTOCOLLANTS ROUMANIE T1210		

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FIGURE 13-1-1. COUNTRIES DECAL / AUTOCOLLANTS PAYS (CONTINUED)

DET REP	PARTNUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

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SECTION 14 OPTIONS

FIGURE 14-1. 115V PLATFORM SOCKET INSTALL / INSTALLATION PRISE 115V

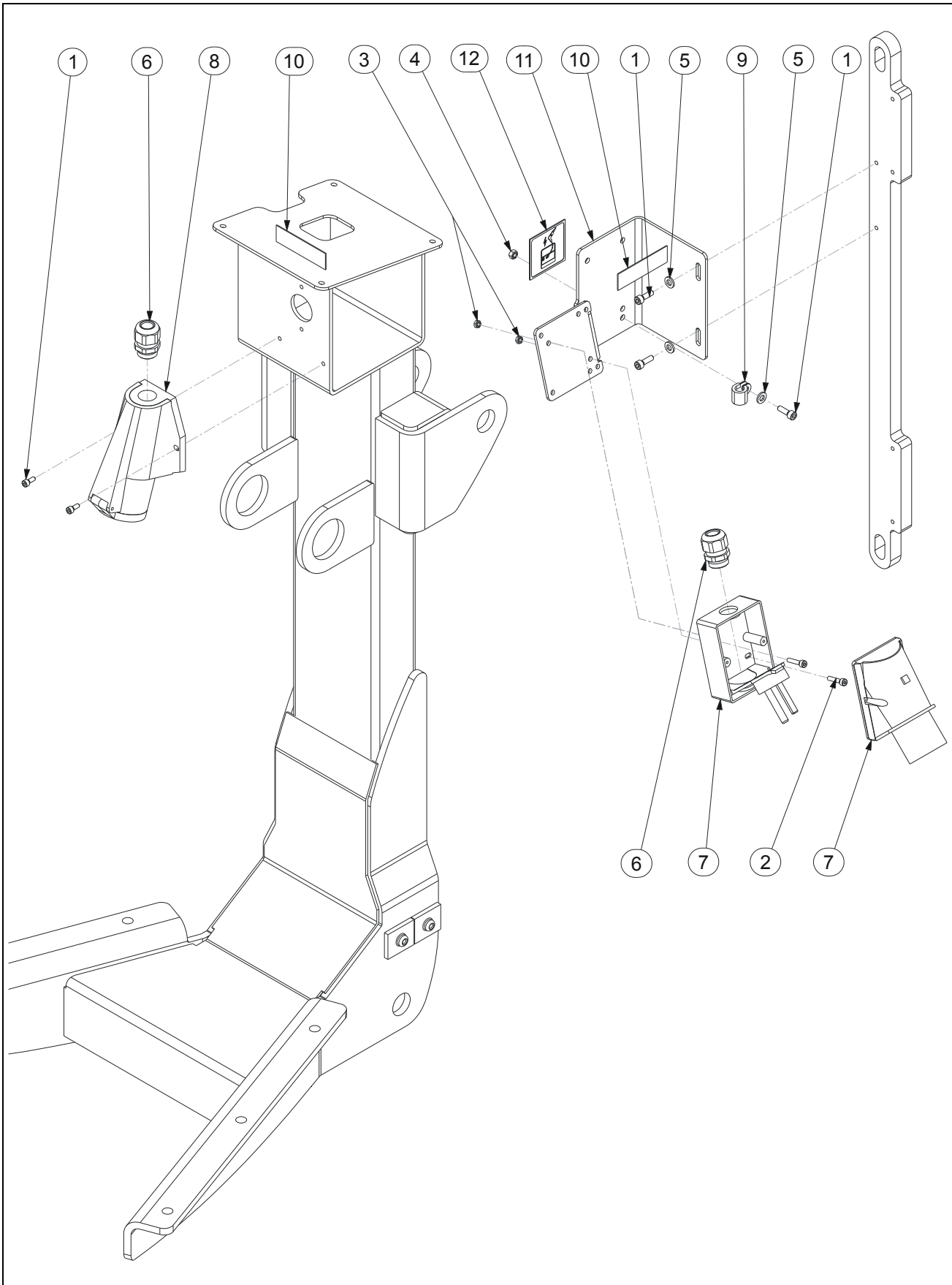


FIGURE 14-1. 115V PLATFORM SOCKET INSTALL / INSTALLATION PRISE 115V

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	OP443		115VAC PLATFORM SOCKET INSTALL	INSTALLAT° PRISE PLATE-FORME 115VAC		OP443
1	000003	5	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
2	000085	2	M04x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M04x16 8.8 BI FT		
3	110001	2	M04 GR. 8.8 LOCK NUT	ECROU FREIN M4 8.8 BI		
4	110002	1	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
5	120002	3	M05 WASHER	RONDELLE M05 BI		
6	210019	2	GLAND N°13	PRESSE ETOUPE N°13		
7	260257	1	115 VAC SURFACE PLUG	PRISE MALE FIXE 115VAC		
8	260258	1	115 VAC SURFACE SOCKET	PRISE FEMELLE FIXE 115VAC		
9	400034	1	COLLAR	COLLIER		
10	AU1162	2	115 VAC DECAL	AUTOCOLLANT 115VAC		
11	SD0598	1	115/230VAC SOCKET SUPPORT	SUPPORT PRISE 230/115VAC		
12	AU1716	1	PLATFORM SOCKET DECAL	AUTOCOLLANT PRISE PANIER		

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FIGURE 14-2. 230V PLATFORM SOCKET INSTALL / INSTALLATION PRISE 230V

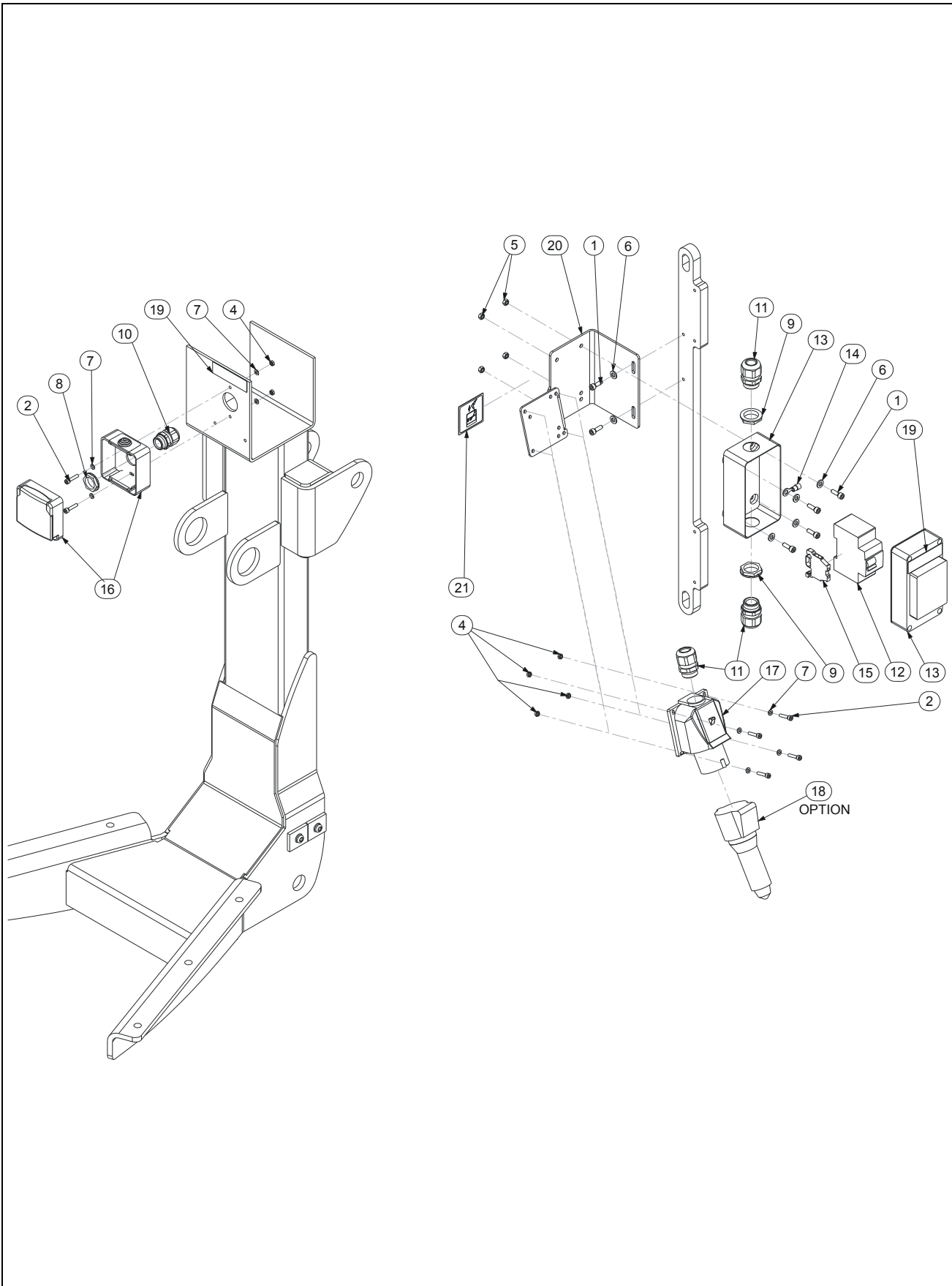


FIGURE 14-2. 230V PLATFORM SOCKET INSTALL / INSTALLATION PRISE 230V

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	OP423		230V FRENCH PLATFORM SOCKET INSTALL	INSTALLAT° PRISE PLATE-FORME 230V FRANCE		OP423
	OP430		230V GERMAN PLATFORM SOCKET INSTALL	INSTALLAT° PRISE PLATE-FORME 230V ALLEMANDE		OP430
1	000003	6	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
2	000020	6	M04x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M04x20 8.8 BI FT		
3			NOT REQUIRED	NON REQUIS		
4	110001	6	M04 GR. 8.8 LOCK NUT	ECROU FREIN M4 8.8 BI		
5	110002	4	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
6	120002	6	M05 WASHER	RONDELLE M05 BI		
7	120024	8	M04 LOCK WASHER	RONDELLE CONTACT M04 BI		
8	210011	1	GLAND N°13 NUT	ECROU DE PRESSE ETOUPE N°13		
9	210012	2	GLAND N°16 NUT	ECROU DE PRESSE ETOUPE N°16		
10	210019	1	GLAND N°13	PRESSE ETOUPE N°13		
11	210021	3	GLAND N°16	PRESSE ETOUPE N°16		
12	240015	1	CUTOUT 30 mA	DISJONCTEUR DIFFERENTIEL 30 mA		
13	240093	1	CUTOUT BOX	BOITIER DISJONCTEUR		
14	250096	1	M06 EYELET TERMINAL 4-6mm ²	COSSE A CEIL ISOLEE M6 - 4-6mm ²		
15	250135	1	TERMINAL BLOCK VICKING	BLOC DE JONCTION VICKING		
16	260029	1	FRENCH 230 VAC SOCKET 2P+T	PRISE FEM. FRANCAISE 230VAC 2P+T		
16	260187	1	GERMAN 230 VAC SOCKET 2P+T	PRISE FEM. ALLEMANDE 230VAC 2P+T		
17	260032	1	230 VAC SURFACE PLUG	PRISE MALE FIXE 230VAC		
18	260033	1	230 VAC FREE SOCKET	PRISE FEMELLE LIBRE 230VAC		
19	AU1163	2	230 VAC DECAL	AUTOCOLLANT 230VAC		
20	SD0598	1	115/230VAC SOCKET SUPPORT	SUPPORT PRISE 230/115VAC		
21	AU1716	1	PLATFORM SOCKET DECAL	AUTOCOLLANT PRISE PANIER		

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FIGURE 14-3. 24V PLATFORM SOCKET INSTALL / INSTALLATION PRISE 24V

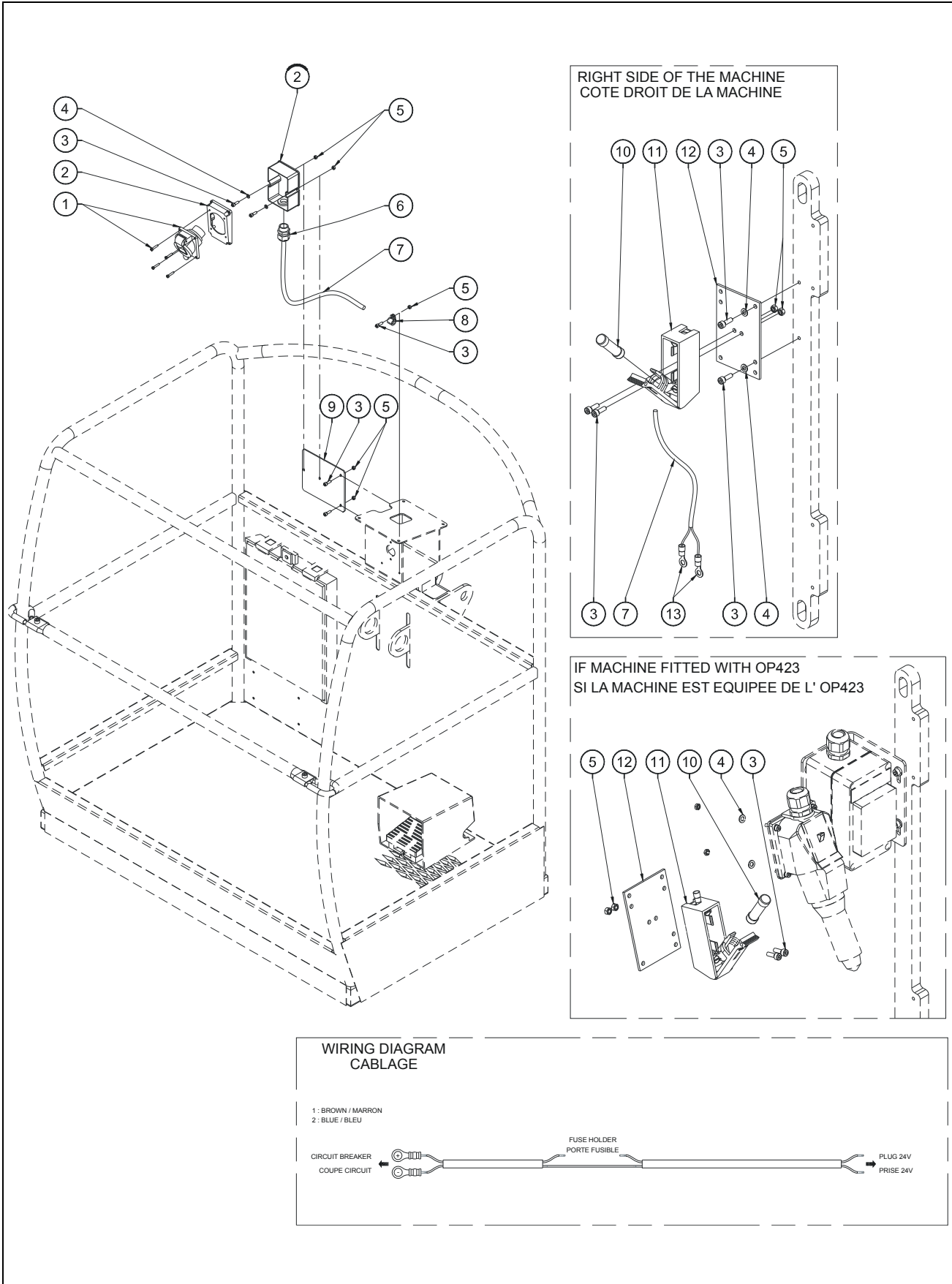


FIGURE 14-3. 24V PLATFORM SOCKET INSTALL / INSTALLATION PRISE 24V

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	OP514		24V PLATFORM SOCKET INSTALL	INSTALLATION PRISE PLATE-FORME 24V		OP514
1	260219	1	24V SURFACE PLUG	PRISE A ENCASTRER 24V		
2	230015	1	SURFACE PLUG BOX 2P+E HYDRA	BOITIER POUR PRISE 2P+T HYDRA		
3	000003	9	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
4	120002	4	M05 WASHER	RONDELLE M05 BI		
5	110002	7	M05 GR08 LOCK NUT	ECROU FREIN M5 CL08 BI		
6	210021	1	GLAND N°16	PRESSE ETOUPE N°16		
7	270059	18	CABLE 3G2.5mm ² Color leads (qty in meters)	CABLE 3G2.5mm ² coloré (qté en mètre)		
8	400034	1	COLLAR	COLLIER		
9	FX158-045	1	SURFACE PLUG PLATE	PLATINE PRISE		
10	260277	1	gG 14X51 FUSE 16A	FUSIBLE gG 14X51 16A		
11	950030	1	FUSE HOLDER	PORTE FUSIBLE		
12	120FP438	1	FUSE HOLDER PLATE	SUPPORT PORTE FUSIBLE		
13	250172	2	M08 EYELET TERMINAL 1-2.5mm ²	COSSE A CEIL ISOLEE M08 - 1-2.5mm ²		

SECTION 14 OPTIONS

FIGURE 14-4. AIR LINE INSTALL / INSTALLATION AIR COMPRIIME

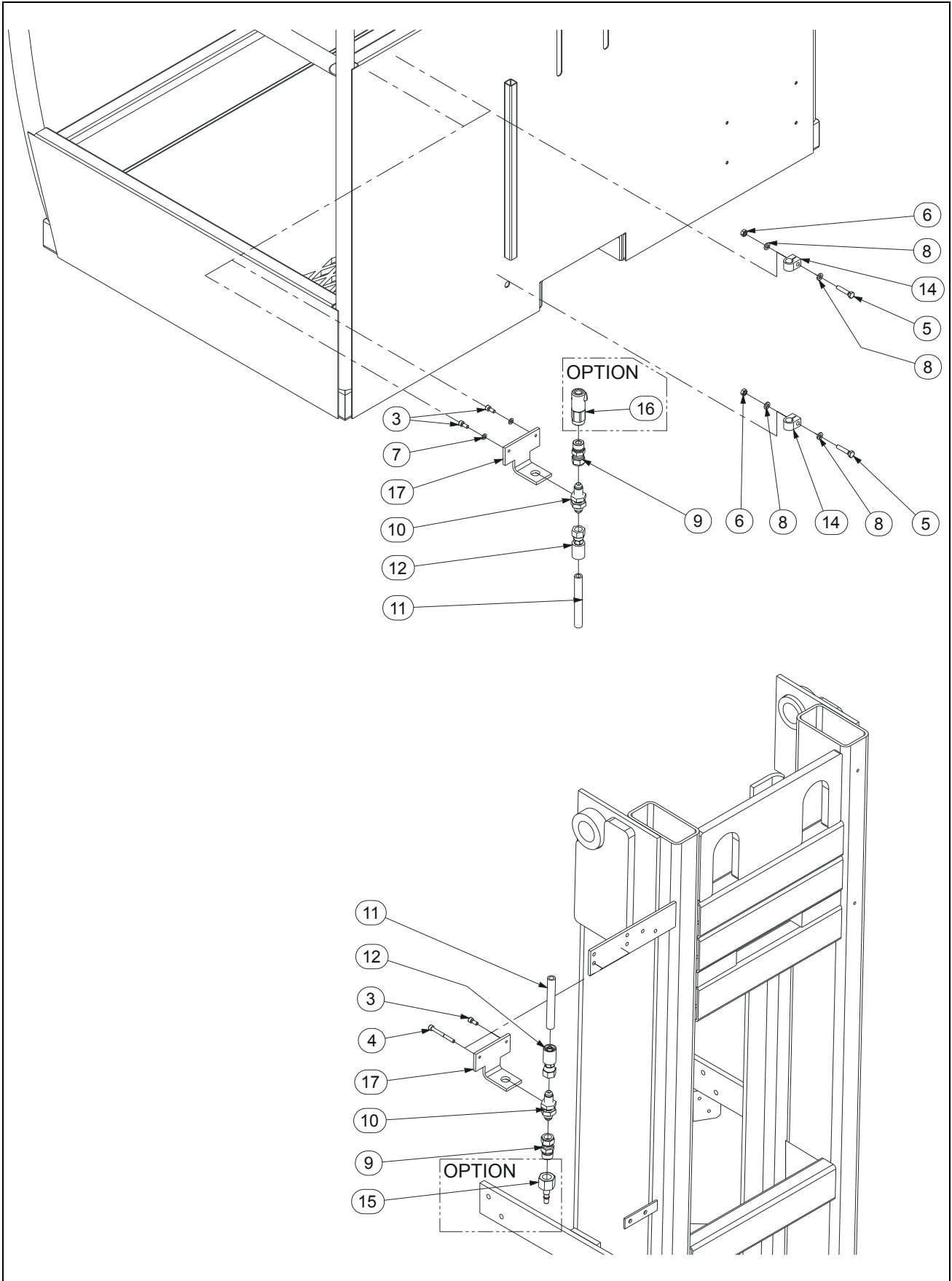


FIGURE 14-4. AIR LINE INSTALL / INSTALLATION AIR COMPRIME

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	OP445		COMPRESSED AIR / WATER IN PLAT- FORM	AIR COMPRIME / EAU EN PLATE-FORME		OP445
1			NOT REQUIRED	NON REQUIS	B	
2			NOT REQUIRED	NON REQUIS	B	
3	000067	3	M05x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x12 8.8 BI FT		
4	000086	1	M05x50 8.8 SOCKET HEAD CAPSCREW	VIS CHC M05x50 8.8 BI FP		
5	100018	2	M06x30 8.8 HEX. HEAD MACHINE SCREW	VIS H M06x30 8.8 BI FT		
6	110003	2	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
7	120002	2	M05 WASHER	RONDELLE M05 BI		
8	120009	4	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		
9	300027	2	FITTI. MALE BSPP3/8-FEM.JIC9/16 SWIVEL	UNION MALE BSPP 3/8 -TOUR. JIC 9/16		
10	300089	1	BULKHEAD JIC 9/16	TRVERSE DE CLOISON JIC 9/16		
11	330046	14	5/16 HOSE (quantity indicated in meter)	FLEXIBLE 5/16 (quantité en mètres)		T1210
11	330046	16	5/16 HOSE (quantity indicated in meter)	FLEXIBLE 5/16 (quantité en mètres)		T1310
12	330051	2	HOSE END CONNECTION	EMBOUT DE FLEXIBLE		
13			NOT REQUIRED	NON REQUIS		
14	400047	2	SIMPLE CLAMP Ø12 mm	COLLIER SIMPLE Ø12 mm		
15	600008	1	FITTING RBE06 FEMALE 3/8" BSPP	EMBOUT RBE06 FEMELLE 3/8" BSPP		
16	600009	1	FITTING FEM RCS06 FEM 3/8" BSPP	RACCORD FEM RCS06 FEM 3/8" BSPP		
17	ST1969	2	BRACKET	EQUERRE		
18	300161	1	45° BULKHEAD JIC 9/16	TRVERSE DE CLOISON 45° JIC 9/16		

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FIGURE 14-5. S/N PRIOR/AVANT #400 PLATFORM WITH SOFT TOUCH FRAME / PLATE-FORME AVEC CADRE SENSIBLE

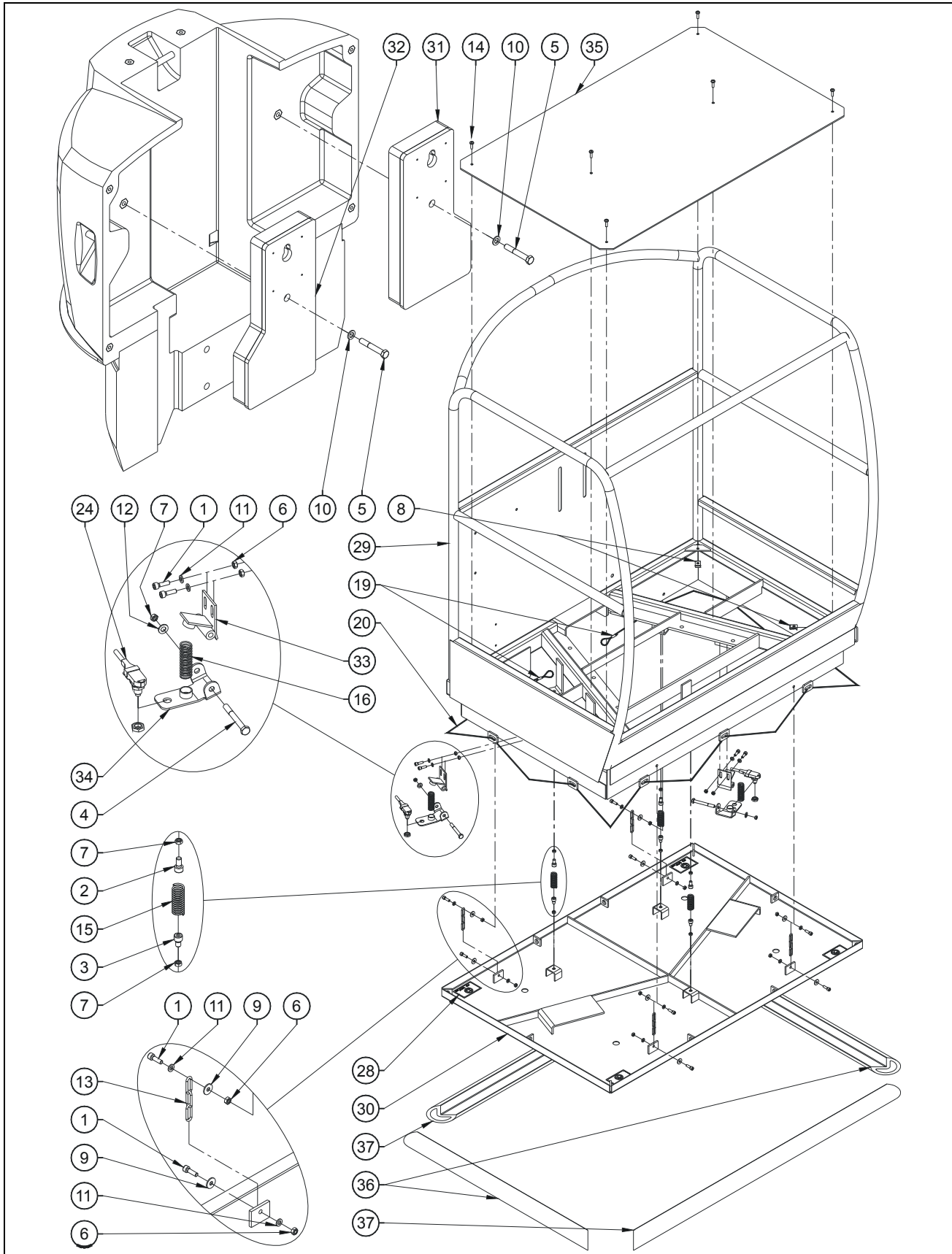
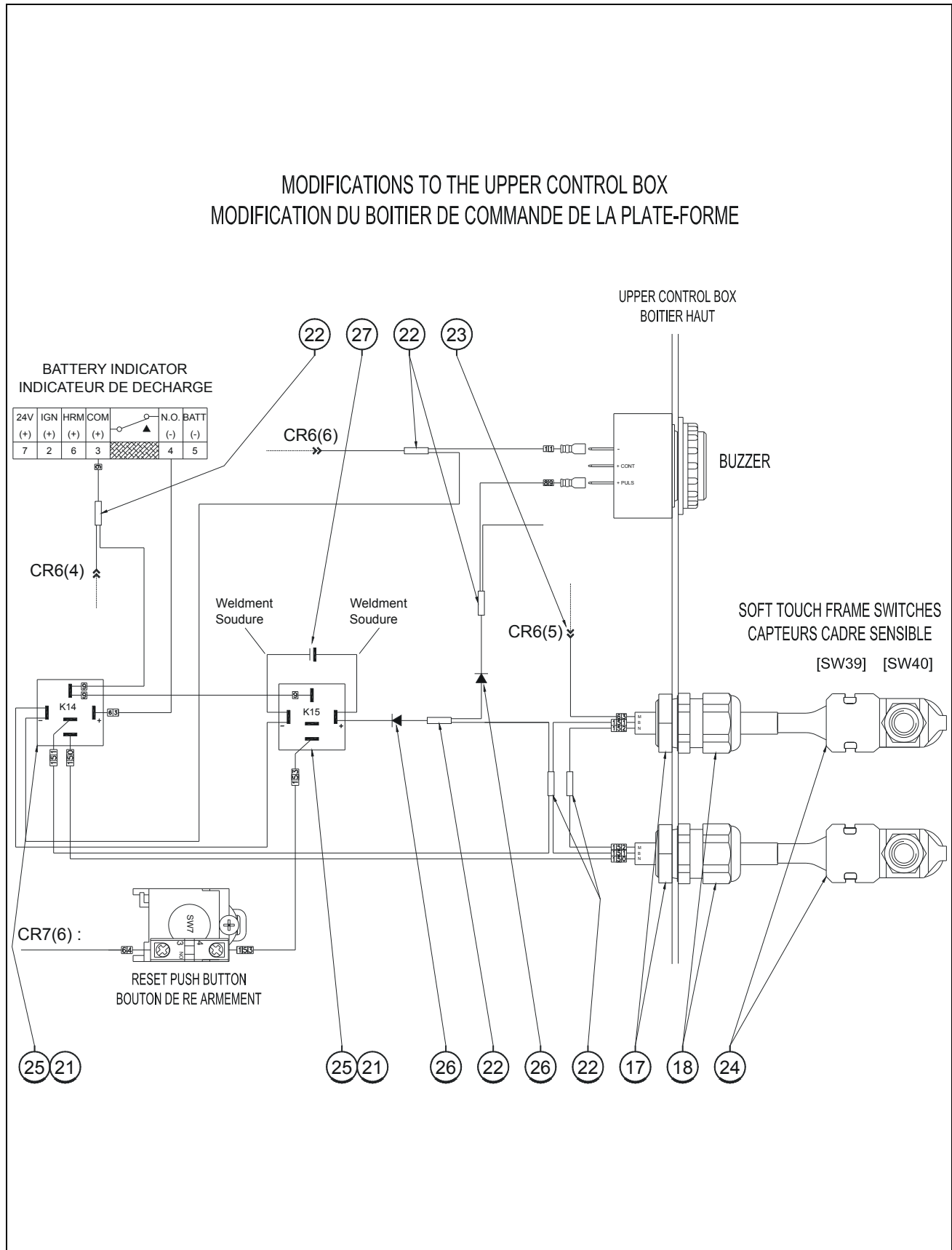


FIGURE 14-5. S/N PRIOR/AVANT #400 PLATFORM WITH SOFT TOUCH FRAME /
PLATE-FORME AVEC CADRE SENSIBLE



SECTION 14 OPTIONS

FIGURE 14-5. S/N PRIOR/AVANT #400 PLATFORM WITH SOFT TOUCH FRAME / PLATE-FORME AVEC CADRE SENSIBLE

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			PLATFORM WITH SOFT TOUCH FRAME	PLATE-FORME AVEC CADRE SENSIBLE	C	OPS447
1	000005	12	M06x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x20 8.8 BI FT		
2	000018	3	M08x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x16 8.8 BI FT		
3	000042	3	M08x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x12 8.8 BI FT		
4	100025	2	M08x70 8.8 HEX HEAD CAPSCREW	VIS H M08x70 8.8 BI FP		
5	100036	2	M16x100 8.8 HEX HEAD CAPSCREW	VIS H M16x100 8.8 BI FP		
6	110003	12	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
7	110004	8	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
8	110026	4	M06 CAGE HEX NUT	ECROU CAGE M06		
9	120004	8	dD 06x25 WASHER	RONDELLE dD 06x25x1.2 BI		
10	120008	2	dD 16x32 LOCK WASHER	RONDELLE CONTACT dD 16x32 BI		
11	120009	12	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		
12	120014	2	M08 WASHER	RONDELLE M08 BI		
13	120FP395	4	CHAIN	CHAINE		
14	130021	6	M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		
15	160026	3	C 170 220 0500 N SPRING	RESSORT C 170 220 0500 N		
16	160027	2	C 150 160 0630 N SPRING	RESSORT C 150 160 0630 N		
17	210009	2	GLAND N°9 NUT	ECROU DE PRESSE ETOUPE N°9		
18	210017	2	GLAND N°9	PRESSE ETOUPE N°9		
19	220009	2	CABLE CLAMP Ø6	SERRE CABLE Ø6		
20	220010	3	BUNGEE Ø8 (quantity indicated in meter)	TENDEUR Ø8 (qté indiquée en mètre)		
21	250027	9	BLUE RECEPTACLE TER. 6.3 - 1.5-2.5mm ²	COSSE FEM. 6.3 BLEUE 6.3 - 1.5-2.5mm ²		
22	250037	6	SPLICE TERMINAL 1-2.5mm ²	EPISSURE DE CABLE 1-2.5mm ²		
23	250190	1	SOCKET CONTACT "MOLEX MINI-FIT"	CONTACT FEMELLE "MOLEX MINI-FIT"		
24	260015	2	OVERLOAD SENSOR	DETECTEUR DE SURCHARGE		
25	260019	2	1RT 24V RELAY	RELAIS 24 V 1RT		
26	260093	2	1A DIODE	DIODE 1A		
27	260149	1	CAPACITOR	CONDENSATEUR		
28	AU0880	4	NO STEP DECAL	AUTOCOLLANT "NO STEP"		
29	DL0647	1	PLATFORM WITH SOFT TOUCH FRAME	PLATE-FORME AVEC CADRE SENSIBLE		
30	DL0648	1	SOFT TOUCH FRAME	CADRE SENSIBLE		
31	DL0649	1	ADDITIONNAL RIGHT COUNTERWEIGHT	CONTREPOIDS ADDITIONNEL DROIT		
32	DL0650	1	ADDITIONNAL LEFT COUNTERWEIGHT	CONTREPOIDS ADDITIONNEL GAUCHE		
33	DL0662	2	SETTING PLATE	PLATINE DE REGLAGE		
34	DL0663	2	SWITCH HOLDER	SUPPORT CAPTEUR		
35	ST2568	1	PLATFORM FLOOR	PLANCHET PLATE-FORME		
36	ST2577	2	BUMPER PROFILE	PROFIL ANTI-CHOC		
37	ST2578	2	BUMPER PROFILE	PROFIL ANTI-CHOC		

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FIGURE 14-5. S/N PRIOR/AVANT #400 PLATFORM WITH SOFT TOUCH FRAME / PLATE-FORME AVEC CADRE SENSIBLE (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

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FIGURE 14-6. S/N SINCE/DEPUIS #400 PLATFORM WITH SOFT TOUCH FRAME / PLATE-FORME AVEC CADRE SENSIBLE

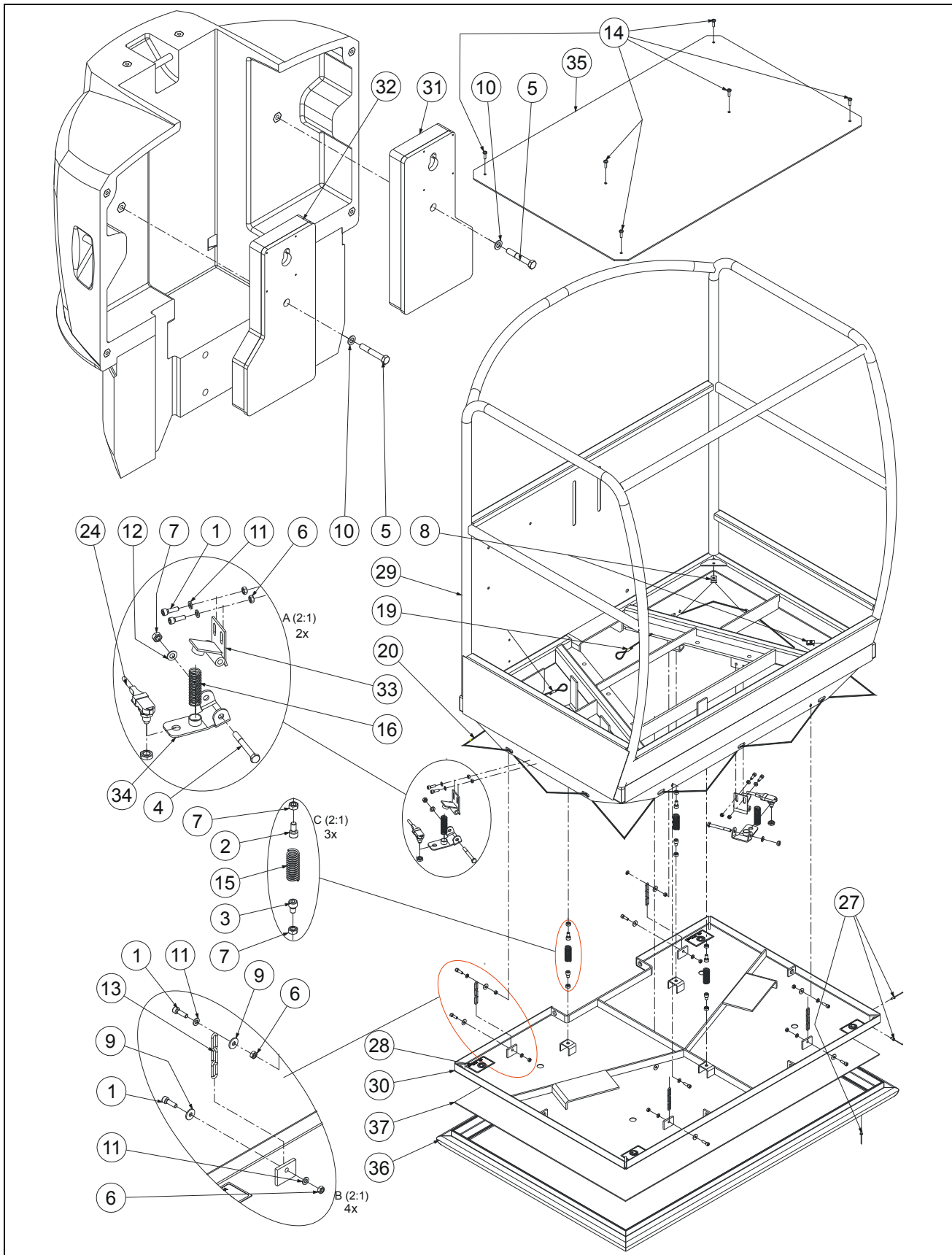
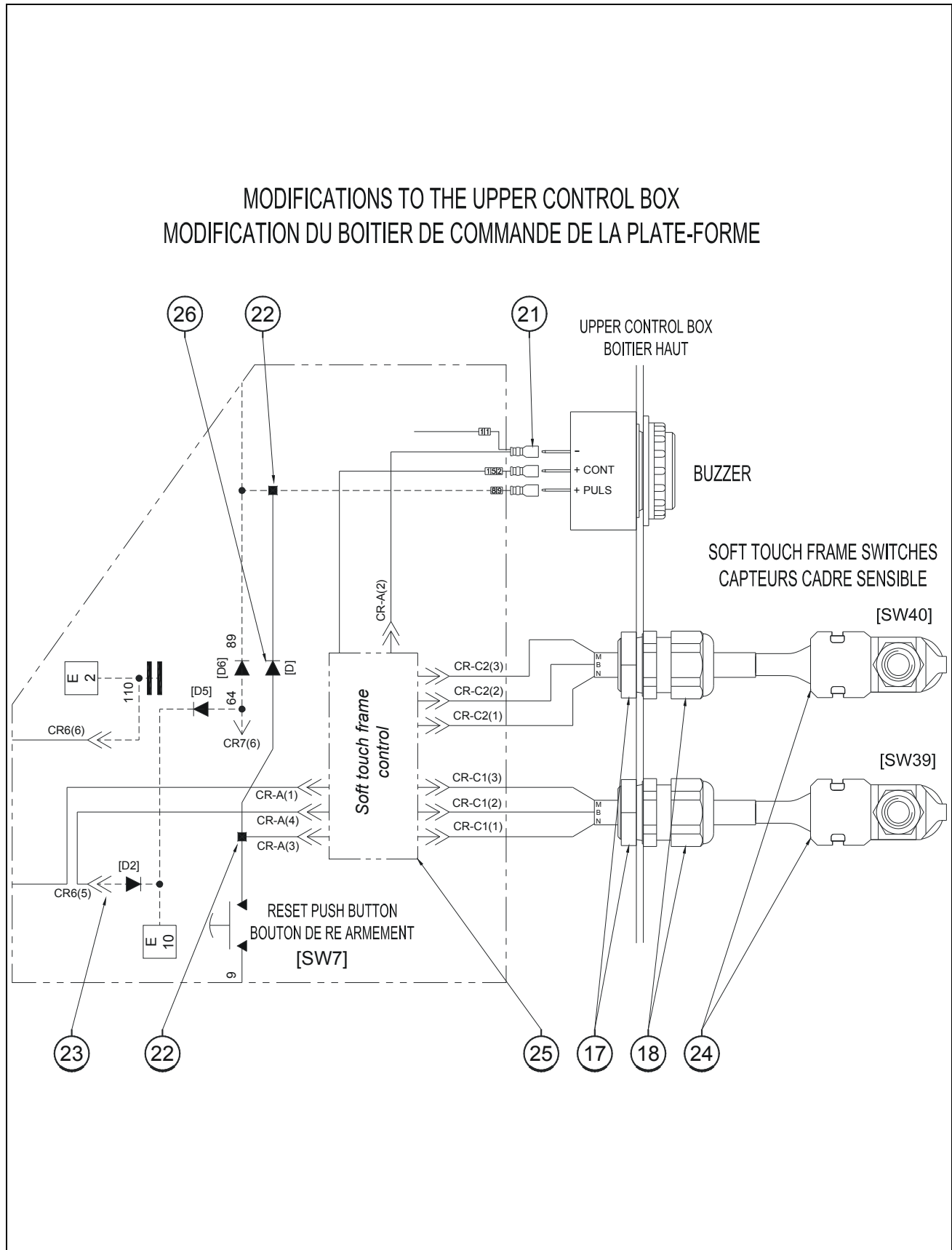


FIGURE 14-6. S/N SINCE/DEPUIS #400 PLATFORM WITH SOFT TOUCH FRAME /
 PLATE-FORME AVEC CADRE SENSIBLE



SECTION 14 OPTIONS

FIGURE 14-6. S/N SINCE/DEPUIS #400 PLATFORM WITH SOFT TOUCH FRAME / PLATE-FORME AVEC CADRE SENSIBLE

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			PLATFORM WITH SOFT TOUCH FRAME	PLATE-FORME AVEC CADRE SENSIBLE	D	OPS447
1	000005	12	M06x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x20 8.8 BI FT		
2	000018	3	M08x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x16 8.8 BI FT		
3	000042	3	M08x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x12 8.8 BI FT		
4	100025	2	M08x70 8.8 HEX HEAD CAPSCREW	VIS H M08x70 8.8 BI FP		
5	100036	2	M16x100 8.8 HEX HEAD CAPSCREW	VIS H M16x100 8.8 BI FP		
6	110003	12	M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		
7	110004	8	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
8	110026	4	M06 CAGE HEX NUT	ECROU CAGE M06		
9	120004	8	dD 06x25 WASHER	RONDELLE dD 06x25x1.2 BI		
10	120008	2	dD 16x32 LOCK WASHER	RONDELLE CONTACT dD 16x32 BI		
11	120009	12	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		
12	120014	2	M08 WASHER	RONDELLE M08 BI		
13	120FP395	4	CHAIN	CHAINE		
14	130021	6	M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		
15	160026	3	C 170 220 0500 N SPRING	RESSORT C 170 220 0500 N		
16	160027	2	C 150 160 0630 N SPRING	RESSORT C 150 160 0630 N		
17	210009	2	GLAND N°9 NUT	ECROU DE PRESSE ETOUPE N°9		
18	210017	2	GLAND N°9	PRESSE ETOUPE N°9		
19	220009	2	CABLE CLAMP Ø6	SERRE CABLE Ø6		
20	220010	3	BUNGEE Ø8 (quantity indicated in meter)	TENDEUR Ø8 (qté indiquée en mètre)		
21	250027	1	BLUE RECEPTACLE TER. 6.3 - 1.5-2.5mm ²	COSSE FEM. 6.3 BLEUE 6.3 - 1.5-2.5mm ²	B	
22	250168	2	SPLICE TERMINAL 1.5-2.5	EPISSURE DE CABLE 1.5-2.5	A	
23	250190	1	SOCKET CONTACT "MOLEX MINI-FIT"	CONTACT FEMELLE "MOLEX MINI-FIT"		
24	260015	2	OVERLOAD SENSOR	DETECTEUR DE SURCHARGE		
25	290052	1	SOFT TOUCH FRAME BOARD	CARTE CADRE SENSIBLE	B	
26	260092	1	3A DIODE	DIODE 3A	B	
27	180002	27	Ø4x10 POP RIVET	RIVET POP Ø4x10	D	
28	AU0880	4	NO STEP DECAL	AUTOCOLLANT "NO STEP"		
29	DL0647	1	PLATFORM WITH SOFT TOUCH FRAME	PLATE-FORME AVEC CADRE SENSIBLE		
30	DL0648	1	SOFT TOUCH FRAME	CADRE SENSIBLE		
31	DL0649	1	ADDITIONNAL RIGHT COUNTERWEIGHT	CONTREPOIDS ADDITIONNEL DROIT		
32	DL0650	1	ADDITIONNAL LEFT COUNTERWEIGHT	CONTREPOIDS ADDITIONNEL GAUCHE		
33	DL0662	2	SETTING PLATE	PLATINE DE REGLAGE		
34	DL0663	2	SWITCH HOLDER	SUPPORT CAPTEUR		
35	ST2568	1	PLATFORM FLOOR	PLANCHET PLATE-FORME		
36	ST3106	1	BUMPER PROFILE KIT	JEU DE PROFIL ANTI-CHOC	D	
37	ST3107	1	BUMPER PLATE	PLAQUE DE PROTECTION	D	D

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FIGURE 14-6. S/N SINCE/DEPUIS #400 PLATFORM WITH SOFT TOUCH FRAME / PLATE-FORME AVEC CADRE SENSIBLE (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

FIGURE 14-7. MOTION ALARM / ALARME DE MOUVEMENTS

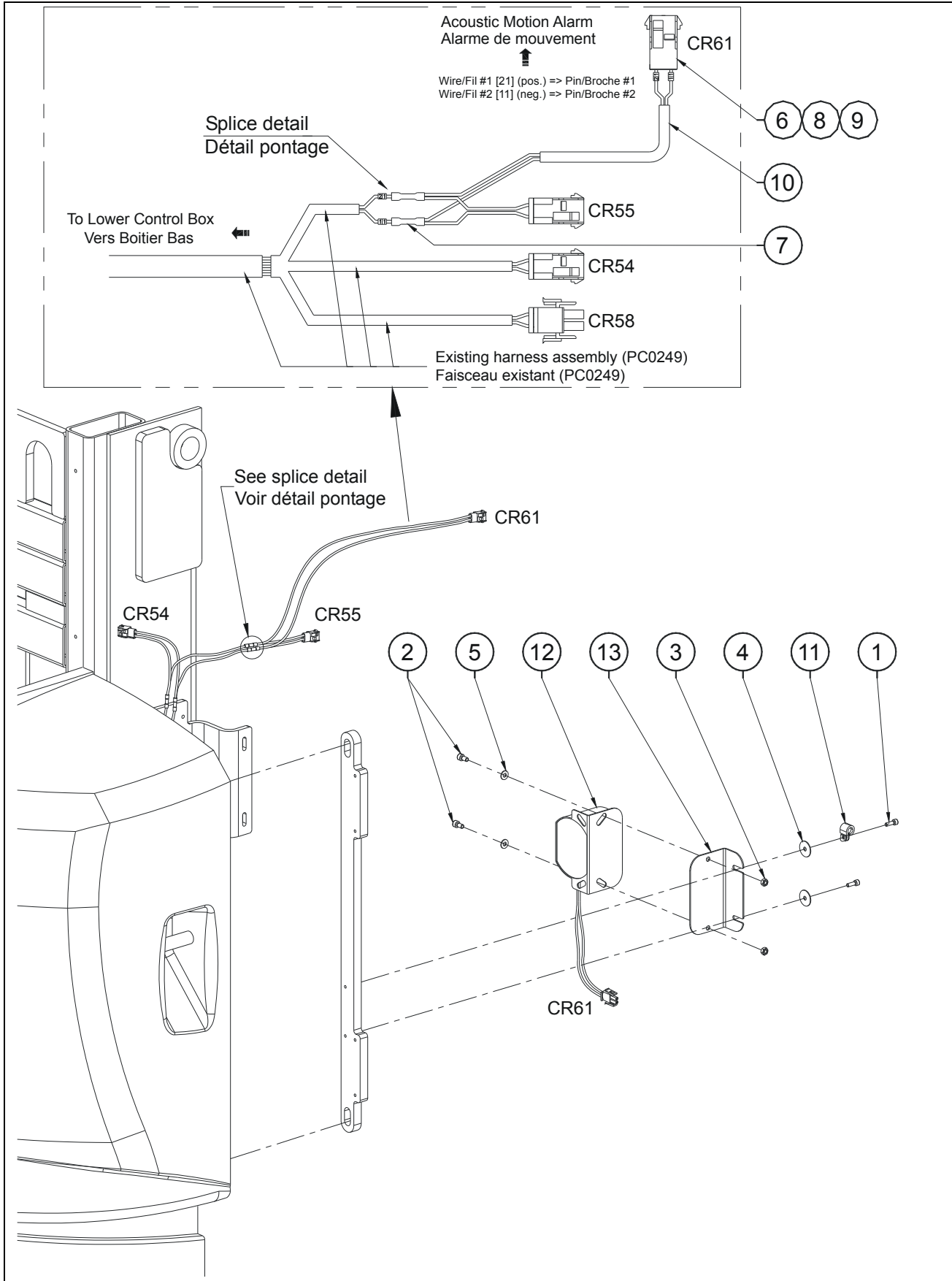


FIGURE 14-7. MOTION ALARM / ALARME DE MOUVEMENTS

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
	OP513		ACOUSTIC MOTION ALARM INSTALL	INSTALLATION ALARME SONORE		OP513
1	000003	2	M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		
2	000014	2	M06x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x12 8.8 BI FT		
3	110003	2	M06 GR08 LOCK NUT	ECROU FREIN M6 CL08 BI		
4	120004	2	dD 06x25 WASHER	RONDELLE dD 06x25x1.2 BI		
5	120009	2	dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		
6	210033	2	SOCKET CONTACT "MATE-N-LOK"	CONTACT FEMELLE "MATE-N-LOK"		
7	250168	2	SPLICE TERMINAL 1.5-2.5	EPISSURE DE CABLE 1.5-2.5		
8	250194	1	2 POSITIONS "MNL" CAP HOUSING	CONNECTEUR FEMELLE 2 CTS "MNL"		
9	250196	1	2 POSITIONS WIRE SEAL	JOINT ARRIERE CONNECTEUR 2 CTS		
10	270031	0.4	CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		
11	400034	1	COLLAR	COLLIER		
12	PC0204	1	HARNESS ASSEMBLY-MOTION ALARM	CABLAGE ALARME DE MOUVEMENT		
13	ST3022	1	MOTION ALARM BRACKET	EQUERRE ALARME DE MOUVEMENTS		

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FIGURE 14-8. WORKING LIGHT INSTALL / INSTALLATION PHARE DE TRAVAIL

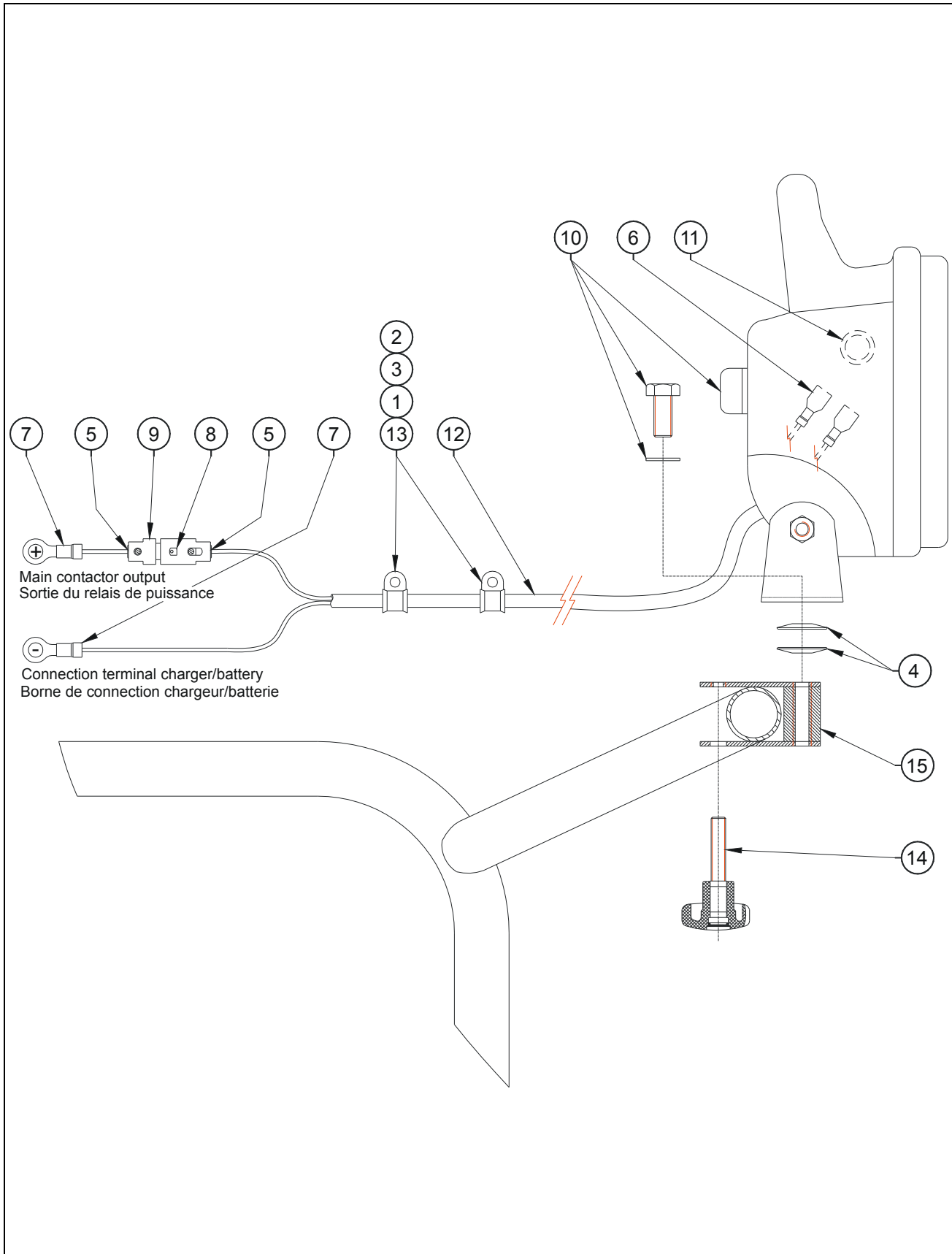


FIGURE 14-8. WORKING LIGHT INSTALL / INSTALLATION PHARE DE TRAVAIL

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			24V 70W PLATFORM LIGHT INSTALL	INSTALLAT PHARE DE TRAVAIL 24V 70W		OPS444
1	000067	2	M05x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x12 8.8 BI FT		
2	110002	2	M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		
3	120002	2	M05 WASHER	RONDELLE M05 BI		
4	120043	2	SPRING WASHER Ø28x10.2x1 BLACK	RONDELLE RESSORT Ø28x10.2x1 BR		
5	250019	2	FERRULE TERMINAL 2.5mm ²	EMBOUT 2.5mm ²		
6	250027	2	BLUE RECEPTACLE TER. 6.3 - 1.5- 2.5mm ²	COSSE FEM. 6.3 BLEUE 6.3 - 1.5-2.5mm ²		
7	250172	2	M10 EYELET TERMINAL 1-2.5mm ²	COSSE A CEIL ISOLEE M10 - 1-2.5mm ²		
8	260006	1	5x20 3.15A FUSE	FUSIBLE 5x20 3.15A		
9	260007	1	FUSE HOLDER	PORTE FUSIBLE		
10	260144	1	24V 70W LIGHT	PHARE 24V 70W		
11	260146	1	BULB H3 / 70W	AMPOULE H3 / 70W		
12	270059	19	CABLE 3G2.5mm ² Color leads (qty in meters)	CABLE 3G2.5mm ² coloré (qté en mètre)		T1210
12	270059	21	CABLE 3G2.5mm ² Color leads (qty in meters)	CABLE 3G2.5mm ² coloré (qté en mètre)		T1310
13	400034	2	COLLAR	COLLIER		
14	400049	1	STARKNOB	BOUTON ETOILE		
15	DL0416	1	LIGHT BRACKET	SUPPORT PHARE		

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FIGURE 14-9. S/N SEE VIEW - PLATFORM ROTATION / ROTATION PLATE-FORME

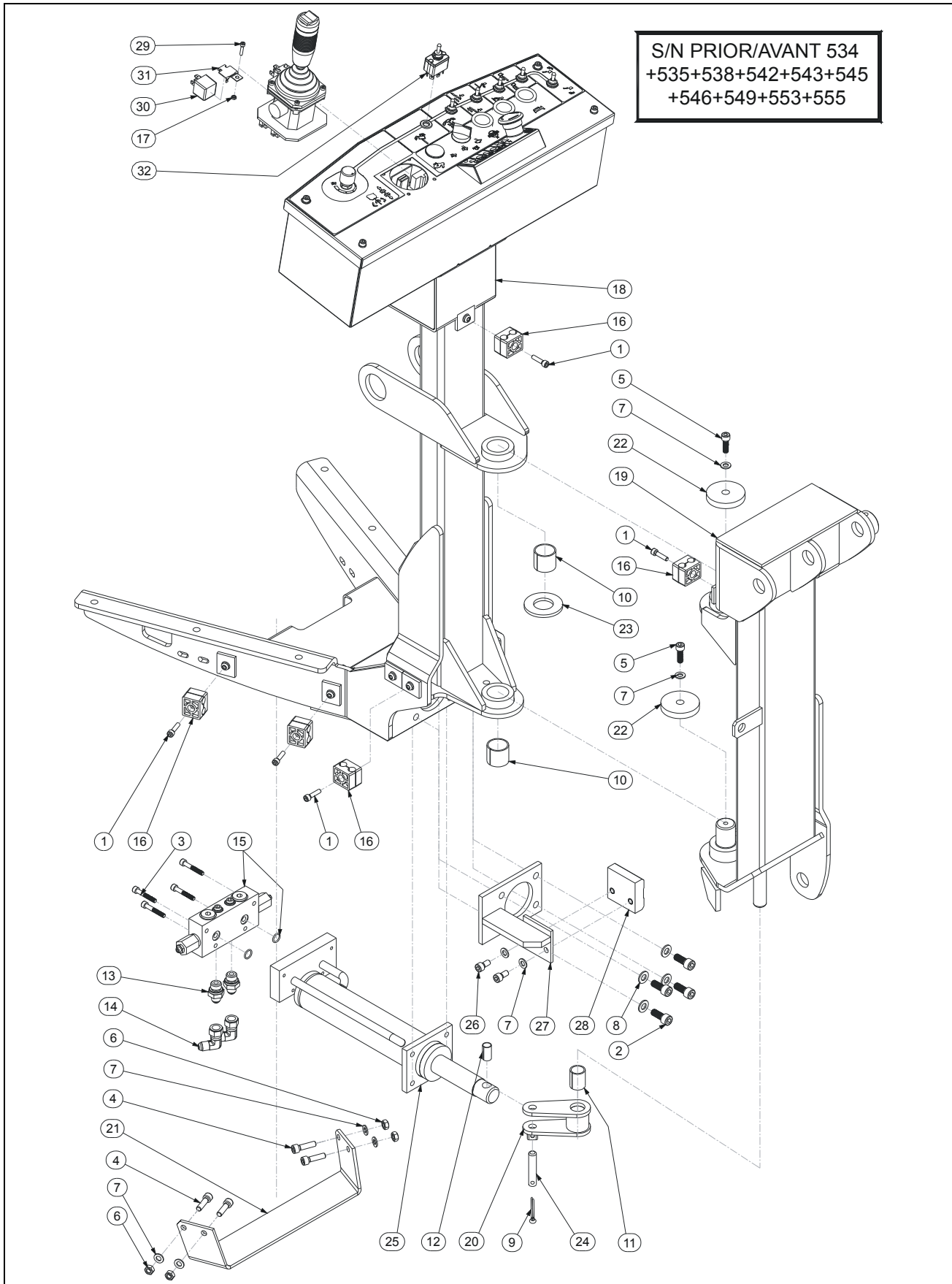
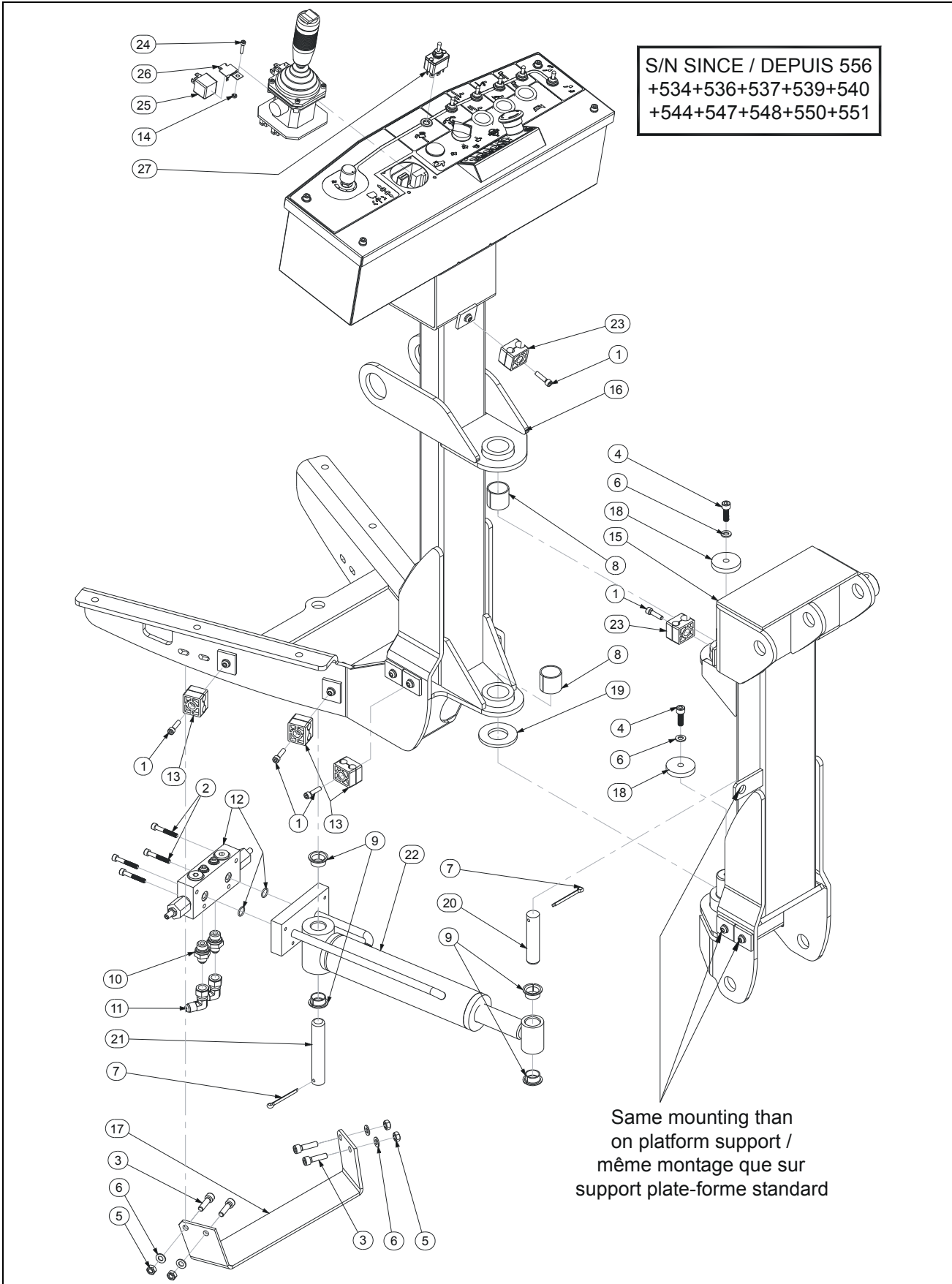


FIGURE 14-9. S/N SEE VIEW - PLATFORM ROTATION / ROTATION PLATE-FORME

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			PLATFORM ROTATION OPTION	OPTION ROTATION PLATE-FORME	E	SP1223
1	000008	5	M06x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x25 8.8 BI FT	B	
2	000019	4	M10x35 8.8 SOCKET HEAD MACH SCREW	VIS CHC M10x35 8.8 BI FT	A	
3	000017	4	M06x40 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x40 8.8 BI FT		
4	000044	4	M08x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x30 8.8 BI FT		
5	000053	2	M08x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x25 8.8 BI FT		
6	110004	4	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
7	120010	8	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI	A	
8	120011	4	dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		
9	140009	1	Ø4.5x50 COTTER PIN	GOUPILLE FENDUE Ø4.5x50		
10	150001	2	BUSHING Ø30 H30 DX	BAGUE Ø30 H30 DX		
11	150010	1	BUSHING Ø20 H30 DX	BAGUE Ø20 H30 DX		
12	150015	1	BUSHING Ø12 H25 DU	BAGUE Ø12 H25 DU		
13	300040	2	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
14	300067	2	90° ELBOW M JIC9/16 F JIC9/16 SWIVEL	COUDE Male JIC9/16 Fem JIC9/16 Tour- nant		
15	310045	1	COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		
16	400018	5	PAIR 1/2 SHELL Ø12-12	PAIRE DEMI COQUILLE Ø12-12	B	
17	110021	1	M04 GR. 8.8 HEX NUT	ECROU H M04 8.8 BI	E	
18	DL0624	1	PLATFORM SUPPORT WITH ROTATION	SUPPORT PLATE-FORME ROTATIF		
19	DL0625	1	S/N PRIOR #256 CORRECTION COLUMN	COLONNE DE CORRECTION AVANT N° 256	C	
19	DL0704	1	S/N SINCE #256 CORRECTION COLUMN	COLONNE DE CORRECTION DEPUIS N° 256	C	
20	DL0626	1	CONNECTING ROD	BIELLETTE		
21	ST2557	1	PROTECTION PLATE BRACKET	ETRIER DE PROTECTION		
22	US0469	2	WASHER	RONDELLE DE BUTEE		
23	US0134	1	THRUST WASHER	RONDELLE D'APPUI		
24	US0337	1	TIE ROD PIN	AXE BIELLETTE DE DIRECTION		
25		1	PLATFORM ROTATION CYLINDER	VERIN DE ROTATION PLATE-FORME		APPENDIX A
26	000018	2	M08x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x16 8.8 BI FT	A	
27	ST2574	1	REINFORCEMENT	RENFORT	A	
28	US0321	1	SLIDE BLOCK (4 sizes: see Service Manual)	PATIN (4 épaisseurs: voir Manuel de Service)	A	
29	000020	1	M04x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M04x20 8.8 BI FT	E	
30	260019	1	1RT 24V RELAY	RELAIS 24 V 1RT	E	
31	260049	1	RELAY HOLDER	SUPPORT RELAIS	E	
32	260261	1	DOUBLE POLE TOGGLE SWITCH	INVERSEUR BIPOLAIRE	E	

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FIGURE 14-10. S/N SEE VIEW - PLATFORM ROTATION / ROTATION PLATE-FORME



SECTION 14 OPTIONS

FIGURE 14-10. S/N SEE VIEW - PLATFORM ROTATION / ROTATION PLATE-FORME

DET REP	PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
			PLATFORM ROTATION OPTION	OPTION ROTATION PLATE-FORME	F	SP1223
1	000008	5	M06x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x25 8.8 BI FT	B	
2	000017	4	M06x40 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x40 8.8 BI FT		
3	000044	4	M08x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x30 8.8 BI FT		
4	000053	2	M08x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x25 8.8 BI FT		
5	110004	4	M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		
6	120010	6	dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI	D	
7	140009	2	Ø4.5x50 COTTER PIN	GOUPILLE FENDUE Ø4.5x50	D	
8	150001	2	BUSHING Ø30 H30 DX	BAGUE Ø30 H30 DX		
9	150004	4	FLANGE BUSHING Ø20 H11.5 DU	BAGUE EPAULEE Ø20 H11.5 DU	D	
10	300040	2	FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		
11	300067	2	90° ELBOW M JIC9/16 F JIC9/16 SWIVEL	COUDE Male JIC9/16 Fem JIC9/16 Tour-nant		
12	310093	1	DOUBLE COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE DOUBLE	D	
13	400018	3	PAIR 1/2 SHELL Ø12-12	PAIRE DEMI COQUILLE Ø12-12	D	
14	110021	1	M04 GR. 8.8 HEX NUT	ECROU H M04 8.8 BI	F	
15	DL0758	1	CORRECTION COLUMN	COLONNE DE CORRECTION	D	
16	DL0759	1	PLATFORM SUPPORT WITH ROTATION	SUPPORT PLATE-FORME ROTATIF	D	
17	ST2557	1	PROTECTION PLATE BRACKET	ETRIER DE PROTECTION		
18	US0469	2	WASHER	RONDELLE DE BUTEE		
19	US0134	1	THRUST WASHER	RONDELLE D'APPUI		
20	US0510	1	Ø20-90 PIN	AXE Ø20-90	D	
21	US0511	1	Ø20-115 PIN	AXE Ø20-115	D	
22		1	PLATFORM ROTATION CYLINDER	VERIN DE ROTATION PLATE-FORME	D	APPENDIX A
23	400092	2	PAIR 1/2 SHELL D12.7 / D15	PAIRE DEMI COQUILLE D12.7 / D15	D	
24	000020	1	M04x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M04x20 8.8 BI FT	F	
25	260019	1	1RT 24V RELAY	RELAIS 24 V 1RT	F	
26	260049	1	RELAY HOLDER	SUPPORT RELAIS	F	
27	260261	1	DOUBLE POLE TOGGLE SWITCH	INVERSEUR BIPOLAIRE	F	

SECTION 14 OPTIONS

FIGURE 14-10. S/N SEE VIEW - PLATFORM ROTATION / ROTATION PLATE-FORME (CONTINUED)

DET REP	PART_NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION

SECTION 15
RECOMMENDED PART LIST /
LISTE DE PIECES RECOMMANDEES

SECTION 15 RECOMMENDED PART LIST / LISTE DE PIÈCES RECOMMANDÉES

The following list will service one Machine with emergency repair parts which can be installed in the field. Parts from the list should be replaced when inventory is depleted to keep service parts stock supplied. For further information, contact your JLG Industries Parts Department.

La liste suivante indique (pour une Machine) les pièces de réparation d'urgence qui peuvent être installées sur le terrain. La quantité de pièces de cette liste doit être tenue en stock minimum. Pour de plus amples informations, contactez votre SAV JLG Industries.

PART NUMBER REF.	QTY	DESCRIPTION		REV	INFORMATION
240095	1	JOYSTICK	MANIPULATEUR		SECT° 2-4-1-1
240057	1	NC CONTACT BLOCK	CONTACT NF		SECTION 2-4-3
240058	1	NO CONTACT BLOCK	CONTACT NO		SECTION 2-4-3
240060	1	TURN TO RELEASE KNOB	BOUTON D'ARRET D'URGENCE 1/4 TOUR		SECTION 2-4-3
240061	1	PUSH BUTTON	BOUTON POUSSOIR		SECTION 2-4-3
240064	1	3 POSITIONS SELECTOR	SELECTEUR 3 POSITIONS		SECTION 2-4-3
240066	1	3 POSITIONS KEY SELECTOR	SELECTEUR A CLE 3 POSITIONS		SECTION 2-4-5
260326	1	NO/NC SWITCH PG13	CAPTEUR NO/NF PE13		SECTION 4-1
260327	1	NO/NC SWITCH PG11	CAPTEUR NO/NF PE11		SECTION 4-1
260030	1	PRIOR JUNE 2011 - 2NC SWITCH PG13	AVANT JUIN 2011 - CAPTEUR 2NF PE13		SECTION 4-1-3
260325	1	SINCE JUNE 2011 - 2NC SWITCH PG11	DEPUIS JUIN 2011 - CAPTEUR 2NF PE11		SECTION 4-1-3
260202	1	POTENTIOMETER	POTENTIOMETRE		SECTION 2-4-3
260261	2	DOUBLE POLE TOGGLE SWITCH	INVERSEUR BIPOLAIRE		SECTION 2-4-3
260265	1	CIRCUIT BREAKER 7A	DISJONCTEUR 7A		SECTION 2-4-5
260319	1	TILT SENSOR 2°	DETECTEUR DE DEVERS 2°		SECTION 3-1
290026	1	ENABLE BOARD	CARTE VALIDATION		SECTION 2-4-3
290033	1	5 LED ELECTRONIC BOARD	CARTE ELECTRONIQUE 5 LED		SECTION 2-4-4
290036	1	UCB MAIN BOARD	CARTE MERE BOITIER HAUT		SECTION 2-4-4
290038	1	LOWER CONTROL BOX MAIN BOARD	CARTE MERE BOITIER BAS		SECTION 2-4-6
290010	1	PRIOR #33612 DELAY TIMER BOARD	CARTE TEMPORISATION AVANT N°33612		SECTION 2-4-6
290060	1	SINCE #33612 DELAY TIMER BOARD	CARTE TEMPORISATION DEPUIS N°33612		SECTION 2-4-8
310055	1	COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		SECTION 4-1
310077	1	COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		SECTION 5-1
310093	1	DOUBLE COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE DOUBLE		SECTION 5-3
910058	1	KEY N°421E	CLE N°421E		SECTION 2-4-8
930127	1	OIL FILTER CARTRIDGE	CARTOUCHE DE FILTRE		SECTION 3-1-11
930130	1	FILTER CARTRIDGE	CARTOUCHE DE FILTRE		SECTION 3-1
PART NUMBER IF MACHINE EQUIPED WITH POWER PLUS OPTION :					
290032	1	"POWER PLUS" CONTROL BOARD	CARTE DE CONTRÔLE "POWER PLUS"		SECTION 2-4-6

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