



MODELS TOUCAN 910

CE



**SPARE PARTS MANUAL
MANUEL DE PIÈCES DÉTACHÉES**

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MA0184-04
English/Français



DISTRIBUTOR STAMP / CACHET DISTRIBUTEUR

MACHINE SERIAL NUMBER :
NUMERO DE SERIE MACHINE :

TOUCAN 910 N° _____



Edition 10-2004
MA0184-04

SPARE PARTS

TO ORDER PARTS

IT IS ESSENTIAL TO SUPPLY THE FOLLOWING INFORMATION ON PARTS ORDERS SO THAT YOUR ORDER CAN BE PROPERLY EXPEDITED.

1. Give model and serial number of your machine. This information is found on the Manufacturer's name plate mounted on the platform front plate.
2. Give complete information on the parts requested including the part number, description, and quantity.
3. Give the specific major unit for which the item is required, such as : frame, mast, cylinder, platform, control box, etc.
4. Give complete "ship-to" address and specify the exact method of shipment wanted.
5. Specify the urgency of the parts order by designating the priority (emergency or stock).

NOTE

When placing telephone order, please record with whom you spoke and date, so that follow-up telephone conversations are processed without confusion.

PIECES DETACHEES

POUR PASSER COMMANDE

AFIN QUE VOTRE COMMANDE SOIT CORRECTEMENT TRAITEE, IL EST NECESSAIRE DE FOURNIR LES INFORMATIONS SUIVANTES SUR LE BON DE COMMANDE.

1. Noter le modèle et le numéro de série de votre machine. Ces informations se trouvent sur la plaque constructeur qui est fixée sur la tôle avant du panier.
2. Noter entièrement les renseignements sur les articles en commande : référence de la pièce, description et quantité.
3. Indiquer l'unité principale pour laquelle la pièce est commandée : châssis, mât, vérin, plate-forme, boîtier de commande, etc...
4. Noter l'adresse complète du destinataire et indiquer le mode d'expédition souhaité.
5. Spécifier l'urgence des pièces commandées en indiquant leur priorité (urgence ou stock).

NOTE

Si vous passez une commande téléphonique, noter le nom de votre interlocuteur et la date afin que le suivi de votre entretien se fasse sans confusion.

TOUCAN 910

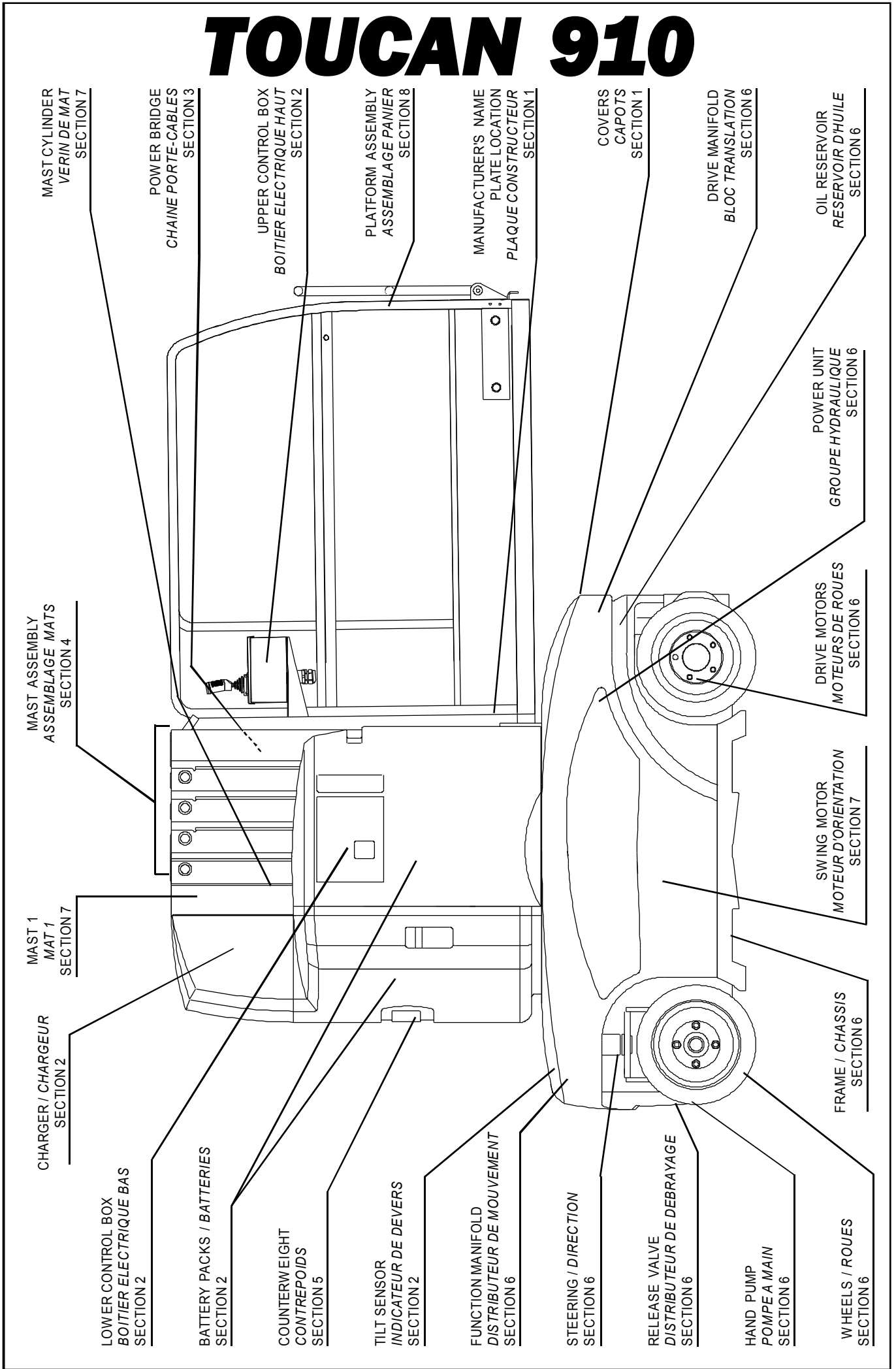


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SPARE PARTS

PIECES DETACHEES

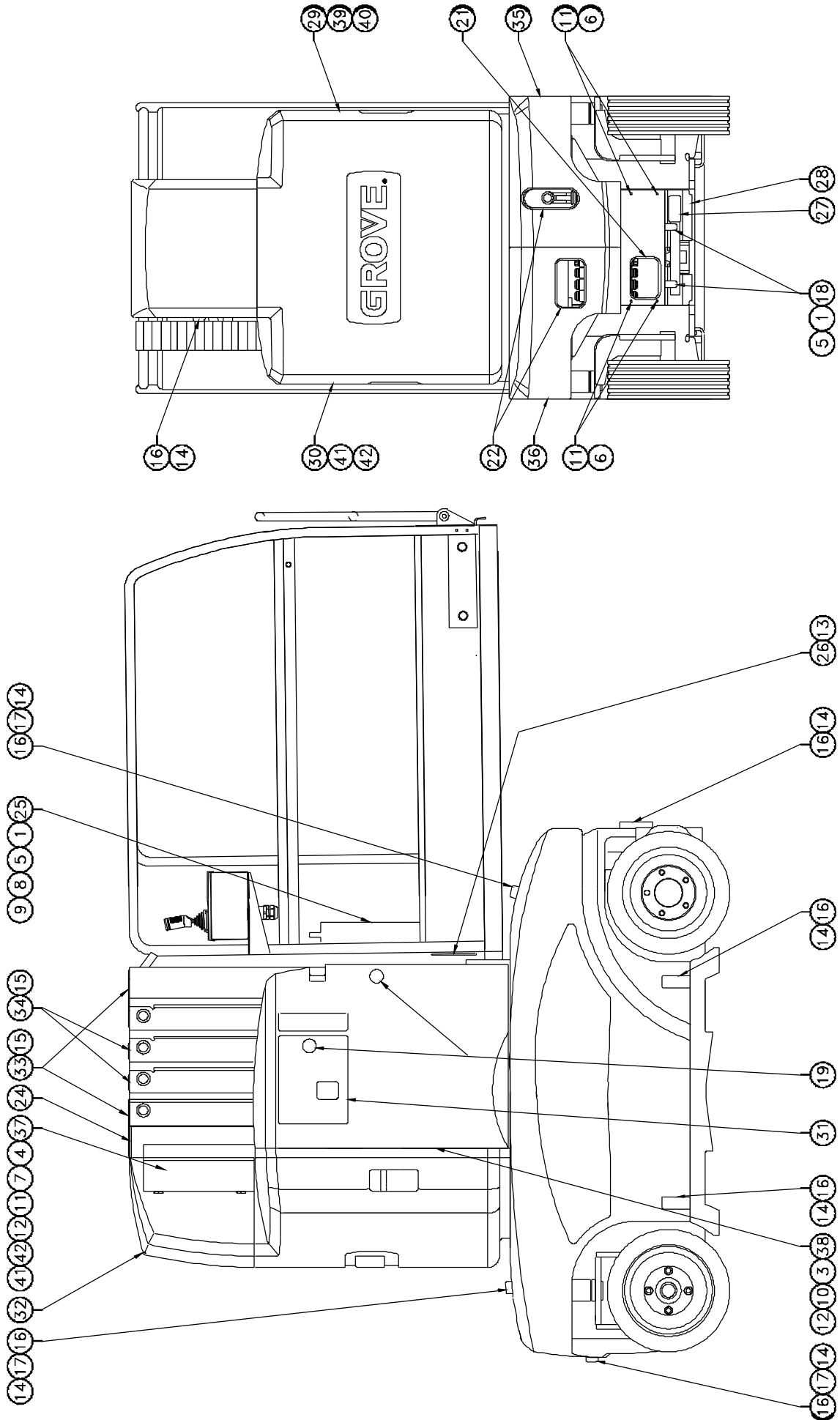
SECTION 1

COVERS INSTALL

INSTALLATION DES CAPOTS



COVERS INSTALL INSTALLATION CAPOTS



ISSUE DATE : 05/10/04

COVERS INSTALL

ISSUE REL :

INSTALLATION CAPOTS

ASSY NO : SP0509 REV : A

1/2

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	000015		M06x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x16 8.8 BI FT		6
2			NOT REQUIRED	NON REQUIS		
3	100016		M12x40 8.8 HEX HEAD MACHINE SCREW	VIS H M12x40 8.8 BI FT		4
4	110002		M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		8
5	110003		M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		6
6	110026		M06 CAGE HEX NUT	ECROU CAGE M06		4
7	120002		M05 WASHER	RONDELLE M05 BI		8
8	120004		dD 06x25 WASHER	RONDELLE dD 06x25x1.2 BI		4
9	120009		dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		4
10	120038		dD 12x40 WASHER	RONDELLE dD 12x40 BI		4
11	130021		M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		6
12	130047		M5x16 8.8 COUNTERSUNK HEAD M SCR	VIS FHC M5x16 8.8 BI FT		16
13	180001		Ø4.8x16 POP RIVET	RIVET POP Ø4.8x16		4
14	180011		Ø4x14 EXPENDED POP RIVET	RIVET POP ECLATE Ø4x14		26
15	180009		Ø5x16 LARGE HEAD POP RIVET	RIVET POP TETE LARGE Ø5x16		8
16	190018		C 7-10 RUBBER LATCH	GRENOUILLE C 7-10		10
17	190019		C 7-10 LATCH LOCKING TAB	RECEPTACLE C 7-10		3
18	190027		Ø22 CLIP	CLIP Ø22		2
19	190037		ROTARY LATCH	LOQUET		3
20			NOT REQUIRED	NON REQUIS		
21	400007		EDGE GUARD (quantity indicated in meter)	PROFIL A ARMATURE (quantité en mètres)		0.40
22	400032		EDGE GUARD (quantity indicated in meter)	PROFIL A ARMATURE (quantité en mètre)		0.95
23			NOT REQUIRED	NON REQUIS		
24	400057		CAP	EMBOU NOIR		2
25	7348000653		MANUAL BOX	BOITE PORTE DOCUMENTS		1
26		APPENDIX D	MANUFACTURER'S NAME PLATE	PLAQUE CONSTRUCTEUR	A	1
27	DL0113		HAND PUMP HANDLE	MANCHE DE POMPE A MAIN		1
28	SD0443		FRONT COVER	CARTER AVANT		1
29	SD0520		LEFT SIDE COVER	CAPOT GAUCHE		1
30	SD0519		RIGHT SIDE COVER	CAPOT DROIT		1
31	SD0478		LOWER CONTROL BOX COVER DOOR	PORTE CAPOT BOITIER ELECTRIQUE BAS		1
32	SD0479		TOP COVER	CAPOT HAUT		1
33	ST1798		MAST TOP COVER	COUVRE MAT		2
34	ST1799		MAST TOP COVER	COUVRE MAT		2
35	ST1928		LEFT LOWER COVER	CAPOT BAS GAUCHE		1
36	ST1929		RIGHT LOWER COVER	CAPOT BAS DROIT		1
37	ST1941		MAST 1 COVER PLATE	TOLE CAPOT MAT 1		1

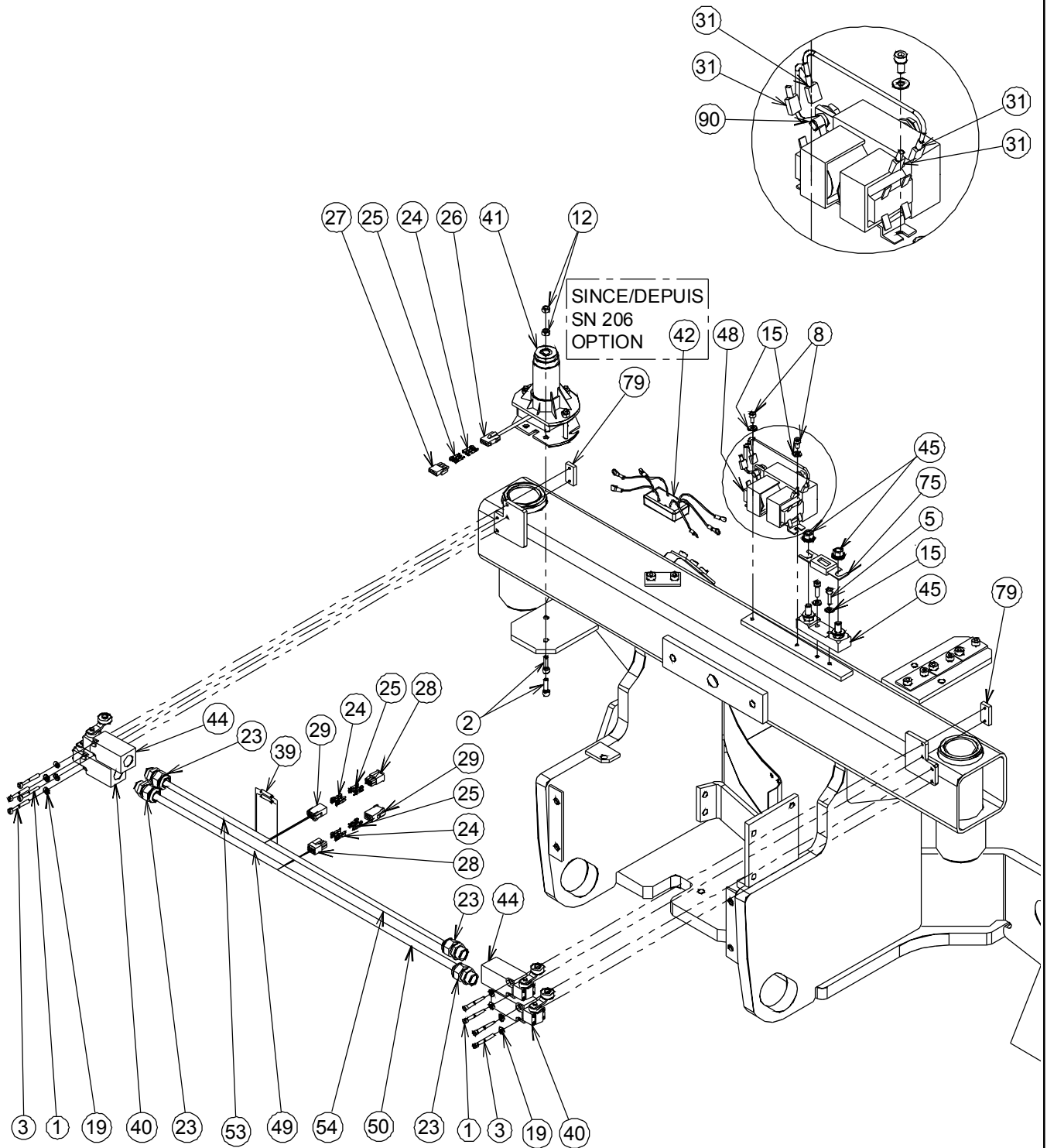
SPARE PARTS
PIECES DETACHEES

SECTION 2

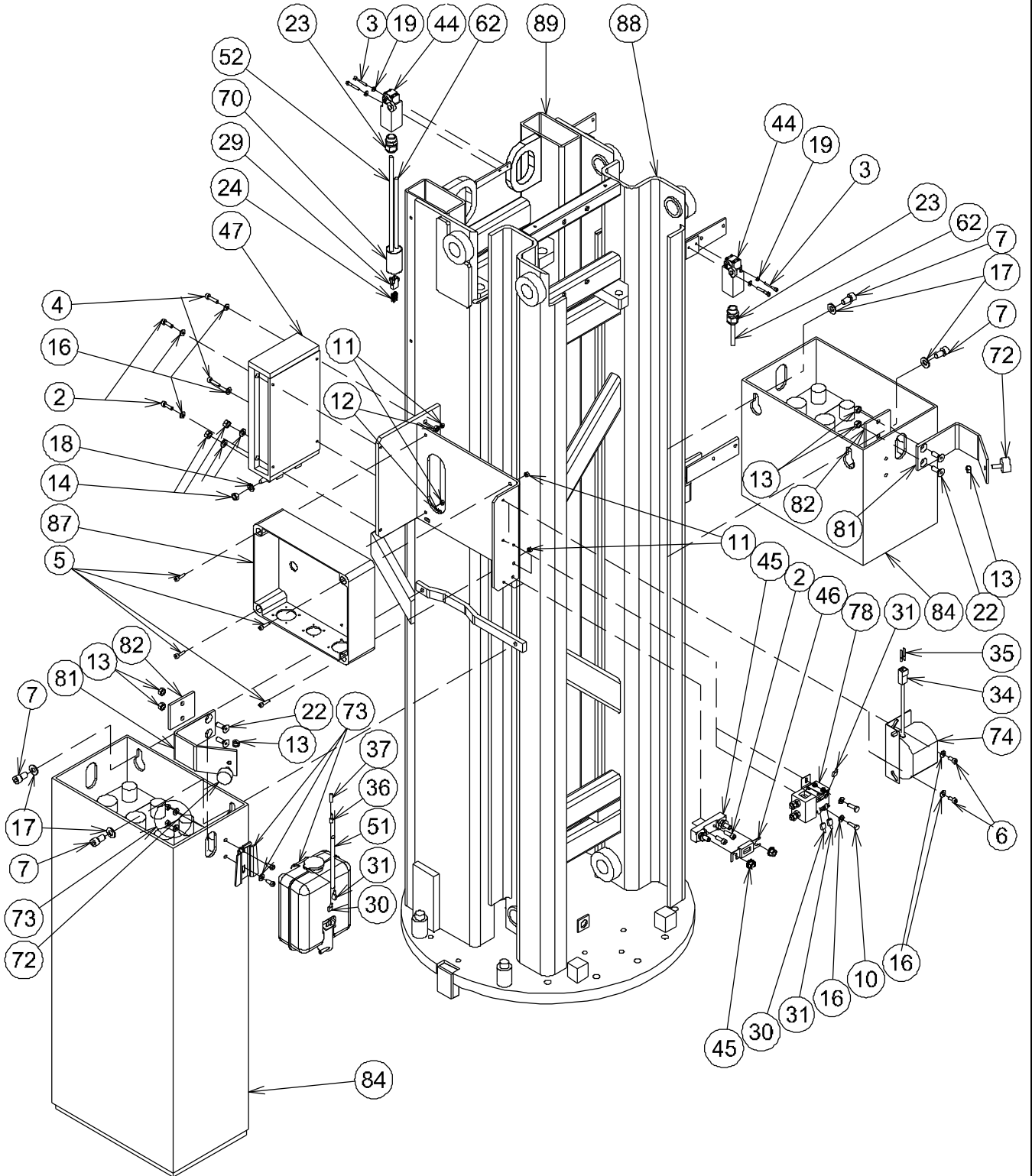
ELECTRICAL INSTALL
INSTALLATION ELECTRIQUE



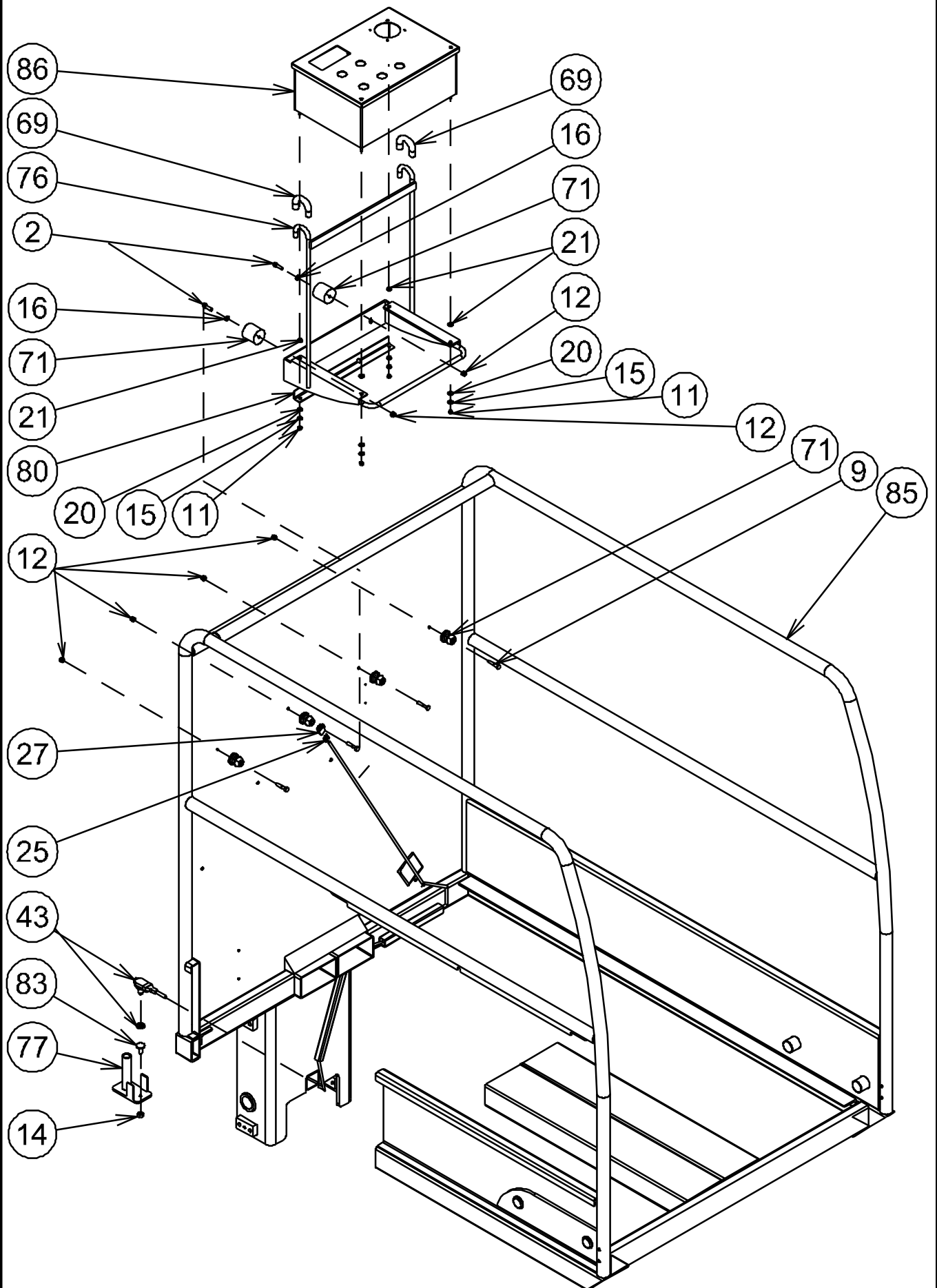
ELECTRICAL INSTALL INSTALLATION ELECTRIQUE



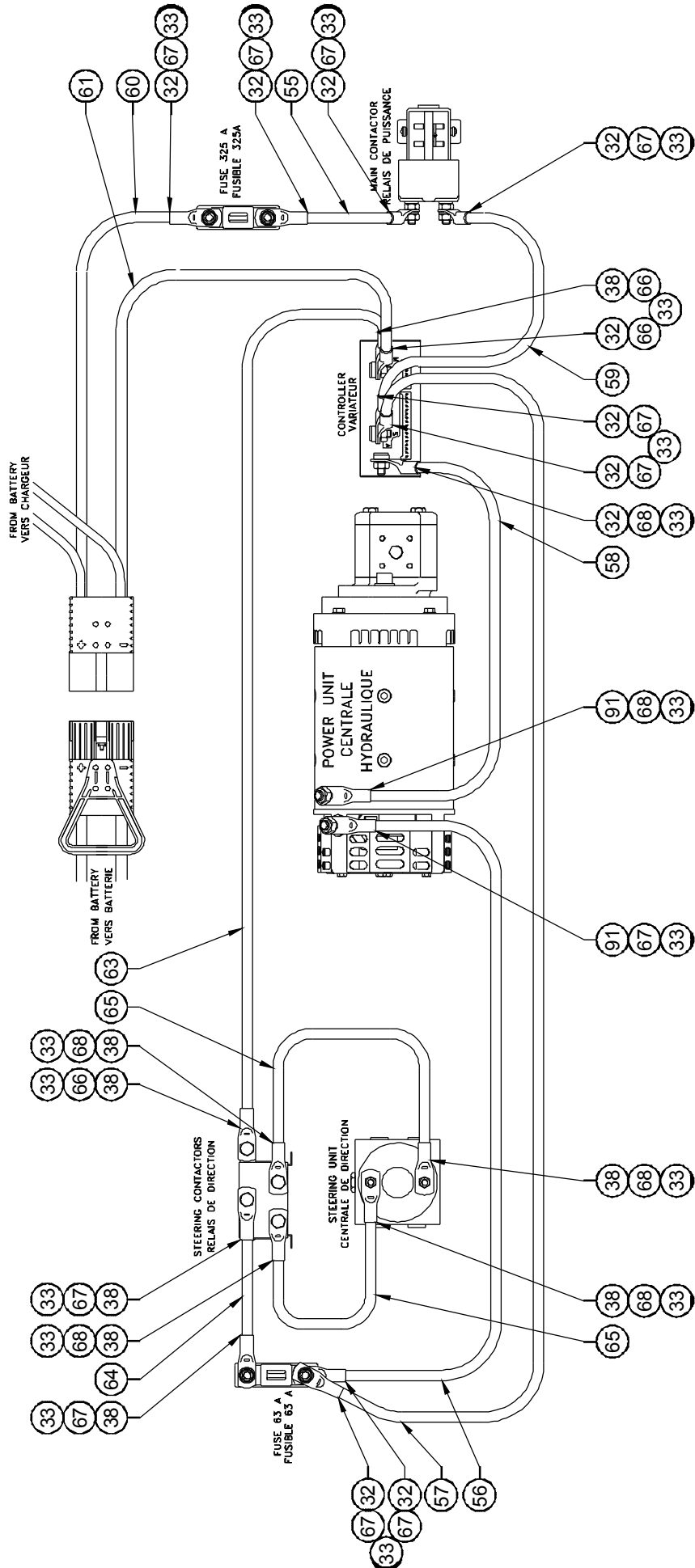
ELECTRICAL INSTALL INSTALLATION ELECTRIQUE



ELECTRICAL INSTALL INSTALLATION ELECTRIQUE



ELECTRICAL INSTALL INSTALLATION ELECTRIQUE



ISSUE DATE : 11/02/04

ELECTRICAL INSTALL

ISSUE REL :

INSTALLATION ELECTRIQUE

ASSY NO : SP0501 REV : B

1/3

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	000004		M04x35 8.8 SOCK. HEAD MACH. SCREW	VIS CHC M04x35 8.8 BI FT		4
2	000005		M06x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x20 8.8 BI FT		8
3	000007		M04x30 8.8 SOCKET HEAD CAPSCREW	VIS CHC M04x30 8.8 BI FP		8
4	000008		M06x25 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x25 8.8 BI FT		2
5	000010		M05x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x20 8.8 BI FT		6
6	000014		M06x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x12 8.8 BI FT		2
7	000028		M10x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M10x20 8.8 BI FT		4
8	000067		M05x12 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x12 8.8 BI FT		2
9	100012		M06x25 8.8 HEX HEAD MACHINE SCREW	VIS H M06x25 8.8 BI FT		4
10	100027		M06x12 8.8 HEX HEAD MACHINE SCREW	VIS H M06x12 8.8 BI FT		2
11	110002		M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		8
12	110003		M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		12
13	110004		M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		6
14	110016		M08 GR. 8.8 HEX NUT	ECROU H M08 8.8 BI		4
15	120002		M05 WASHER	RONDELLE M05 BI		8
16	120009		dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		10
17	120011		dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		4
18	120021		HELICAL SPRING LOCK WASHER Ø8	RONDELLE GROWER Ø8 BI		3
19	120024		M04 LOCK WASHER	RONDELLE CONTACT M04 BI		12
20	120034		M05 PLASTIC WASHER	RONDELLE PLASTIQUE M05		4
21	120035		PLASTIC FLANGE WASHER	RONDELLE PLASTIQUE EPAULEE		4
22	130025		M08x25 10.9 COUNTERSUNK HEAD M. S.	VIS FHC M08x25 10.9 BI FT		4
23	210019		GLAND N°13	PRESSE ETOUPE N°13		6
24	210025		SOCKET CONTACT "MINI MATE-N-LOK"	CONTACT FEMELLE "MINI MATE-N-LOK"		17
25	210026		PIN CONTACT "MINI MATE-N-LOK"	CONTACT MALE "MINI MATE-N-LOK"		14
26	210027		3 POSITIONS "MINI MNL" CAP HOUSING	CONNECTEUR FEMELLE 3 CTS "MINI MNL"		1
27	210028		3 POSITIONS "MINI MNL" PLUG HOUSING	CONNECTEUR MALE 3 CTS "MINI MNL"		2
28	210039		6 POSITIONS "MINI MNL" PLUG HOUSING	CONNECTEUR MALE 6 CTS "MINI MNL"		2
29	210040		6 POSITIONS "MINI MNL" CAP HOUSING	CONNECTEUR FEMELLE 6 CTS "MINI MNL"		3
30	250026		RED RECEPTACLE TERM. 6.3 - 0.5-1.2mm	COSSE FEMELLE 6.3 ROUGE - 0.5-1.2mm ²		2
31	250027		BLUE RECEPTACLE TER. 6.3 - 1.5-2.5mm ²	COSSE FEM. 6.3 BLEUE 6.3 - 1.5-2.5mm ²	A	7
32	250030		Ø8 EYELET CRIMP TERMINAL 35 mm ²	COSSE A ŒIL Ø 8 - 35 mm ²	B	10
33	250031		TERMINAL CAP	CAPUCHON D'ETANCHEITE		17
34	250032		2 POSITIONS CAP HOUSING	CONNECTEUR FEMELLE 2 BROCHES		1
35	250034		BLADE TERMINAL 6.3mm	COSSE PLATE MALE 6.3mm		2
36	250065		PIN TERMINAL Ø4	COSSE MALE Ø4		1
37	250070		INSULATED SOCKET TERMINAL Ø4	COSSE CYLINDRIQUE FEM. ISOLEE Ø4		1

ISSUE DATE : 11/02/04

ELECTRICAL INSTALL

ISSUE REL :

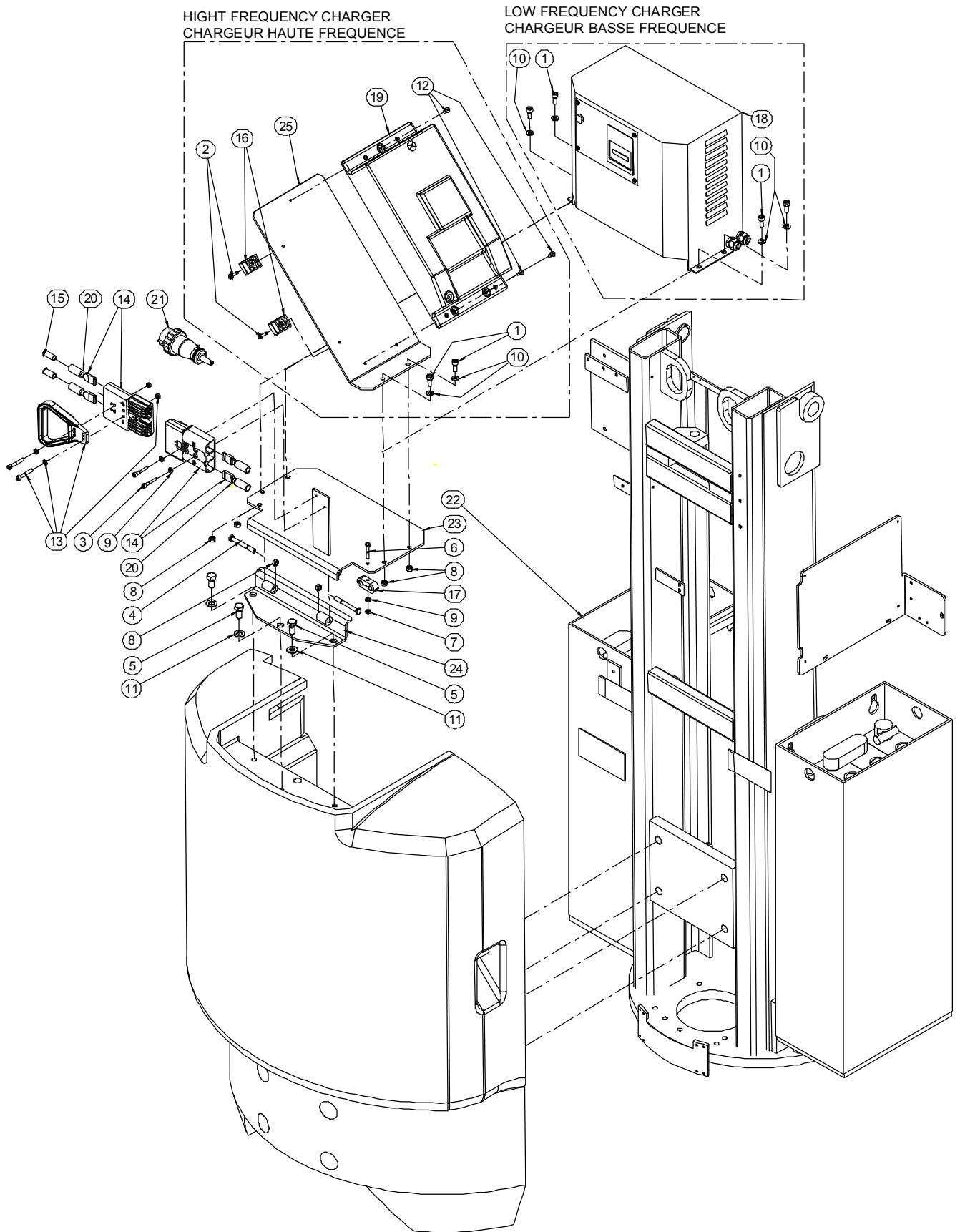
INSTALLATION ELECTRIQUE

ASSY NO : SP0501 REV : B

2/3

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
38	250164		Ø8 EYELET CRIMP TERMINAL 16mm ²	COSSE A ŒIL Ø8 - 16mm ²		8
39	250168		SPLICE TERMINAL 1.5-2.5	EPISSURE DE CABLE 1.5-2.5		2
40	260001		NO/NC SWITCH	CAPTEUR NO/NF		2
41	260270		2° TILT SENSOR	DETECTEUR DE DEVERS 2°	B	1
42	290059		ELECTRONIC RELAY	RELAIS ELECTRONIQUE	B	1
43	260015		OVERLOAD SENSOR	DETECTEUR DE SURCHARGE		1
44	260030		2NC SWITCH	CAPTEUR 2NF		4
45	260077		POWER FUSE HOLDER	PORTE FUSIBLE DE PUISSANCE		2
46	260079		325A FUSE	FUSIBLE 325A		1
47	260147		ELECTRONIC CONTROLLER	VARIATEUR ELECTRONIQUE		1
48	260288		RELAY	RELAIS	B	1
49	270010		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		0.45
50	270010		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		0.75
51	270010		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		1.4
52	270011		CABLE 5x1mm ² (quantity indicated in meter)	CABLE 5x1mm ² (qté indiquée en mètre)		3
53	270011		CABLE 5x1mm ² (quantity indicated in meter)	CABLE 5x1mm ² (qté indiquée en mètre)		0.45
54	270011		CABLE 5x1mm ² (quantity indicated in meter)	CABLE 5x1mm ² (qté indiquée en mètre)		0.75
55	270021		WIRE 35mm ² (quantity indicated in meter)	CABLE 35mm ² (qté indiquée en mètre)		0.2
56	270021		WIRE 35mm ² (quantity indicated in meter)	CABLE 35mm ² (qté indiquée en mètre)		2.7
57	270021		WIRE 35mm ² (quantity indicated in meter)	CABLE 35mm ² (qté indiquée en mètre)		4.35
58	270021		WIRE 35mm ² (quantity indicated in meter)	CABLE 35mm ² (qté indiquée en mètre)		6.1
59	270021		WIRE 35mm ² (quantity indicated in meter)	CABLE 35mm ² (qté indiquée en mètre)		0.9
60	270021		WIRE 35mm ² (quantity indicated in meter)	CABLE 35mm ² (qté indiquée en mètre)		1.6
61	270021		WIRE 35mm ² (quantity indicated in meter)	CABLE 35mm ² (qté indiquée en mètre)		1.1
62	270031		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		7
63	270037		WIRE 16mm ² (quantity indicated in meter)	CABLE 16mm ² (qté indiquée en mètre)		4
64	270037		WIRE 16mm ² (quantity indicated in meter)	CABLE 16mm ² (qté indiquée en mètre)		0.1
65	270037		WIRE 16mm ² (quantity indicated in meter)	CABLE 16mm ² (qté indiquée en mètre)		2x0.45
66	280001		Blue Heat Shrink Sleeve 12.7 (qty in meter)	GAINES THERMO 12.7 Bleue (qté en mètre)		3x0.05
67	280002		Red Heat Shrink Sleeve 12.7 (qty in meter)	GAINES THERMO 12.7 Rouge (qté en mètre)		11x0.05
68	280004		Black Heat Shrink Sleeve 12.7 (qty in meter)	GAINES THERMO 12.7 Noire (qté en mètre)		6x0.05
69	280004		Black Heat Shrink Sleeve 12.7 (qty in meter)	GAINES THERMO 12.7 Noire (qté en mètre)		2x0.1
70	280006		Black Heat Shrink Sleeve 19 (qty in meter)	GAINES THERMO NOIRE 19 (Qté en mètre)		0.06
71	400008		COVER FIXATION CLIP	PLOT DE FIXATION CAPOT		4
72	400015		ELASTIC STOP	BUTEE ELASTIQUE		2
73	400058		DISTILLED WATER CAN KIT	KIT BIDON D'EAU DISTILLEE		1
74	7025000801		MOTION ALARM (=260275)	ALARME DE MOUVEMENT (=260275)		1

CHARGER INSTALL INSTALLATION CHARGEUR



ISSUE DATE : 21/05/02

CHARGER CONNECTOR

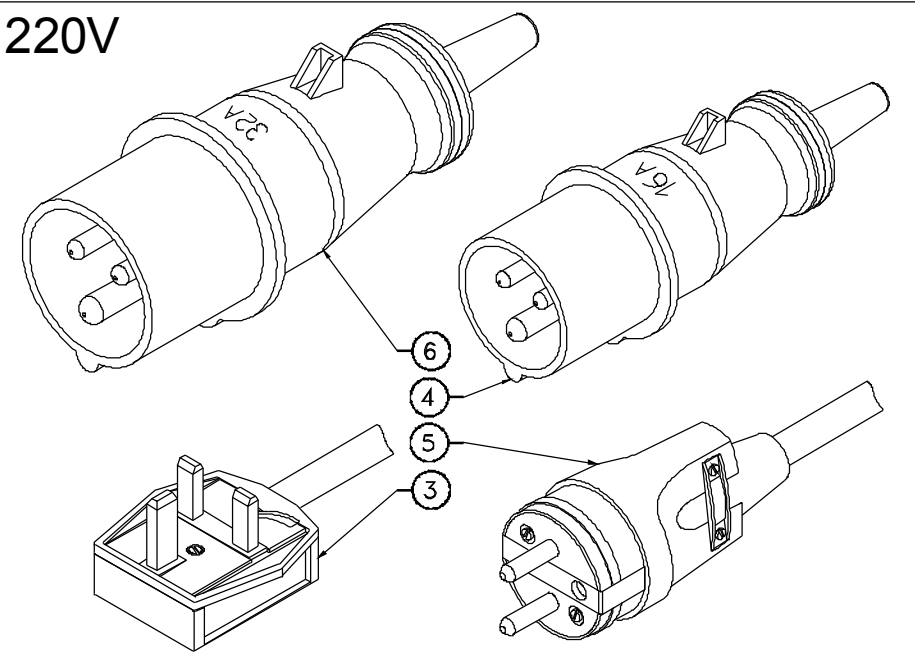
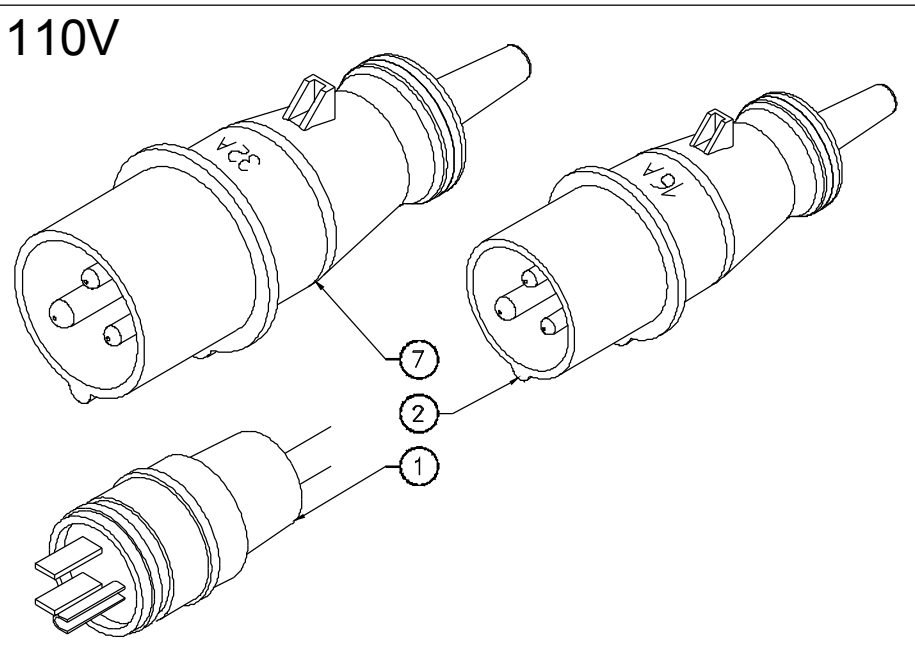
ISSUE REL :

ASSEMBLY N° : RM0059 REV :
 N° ENSEMBLE :

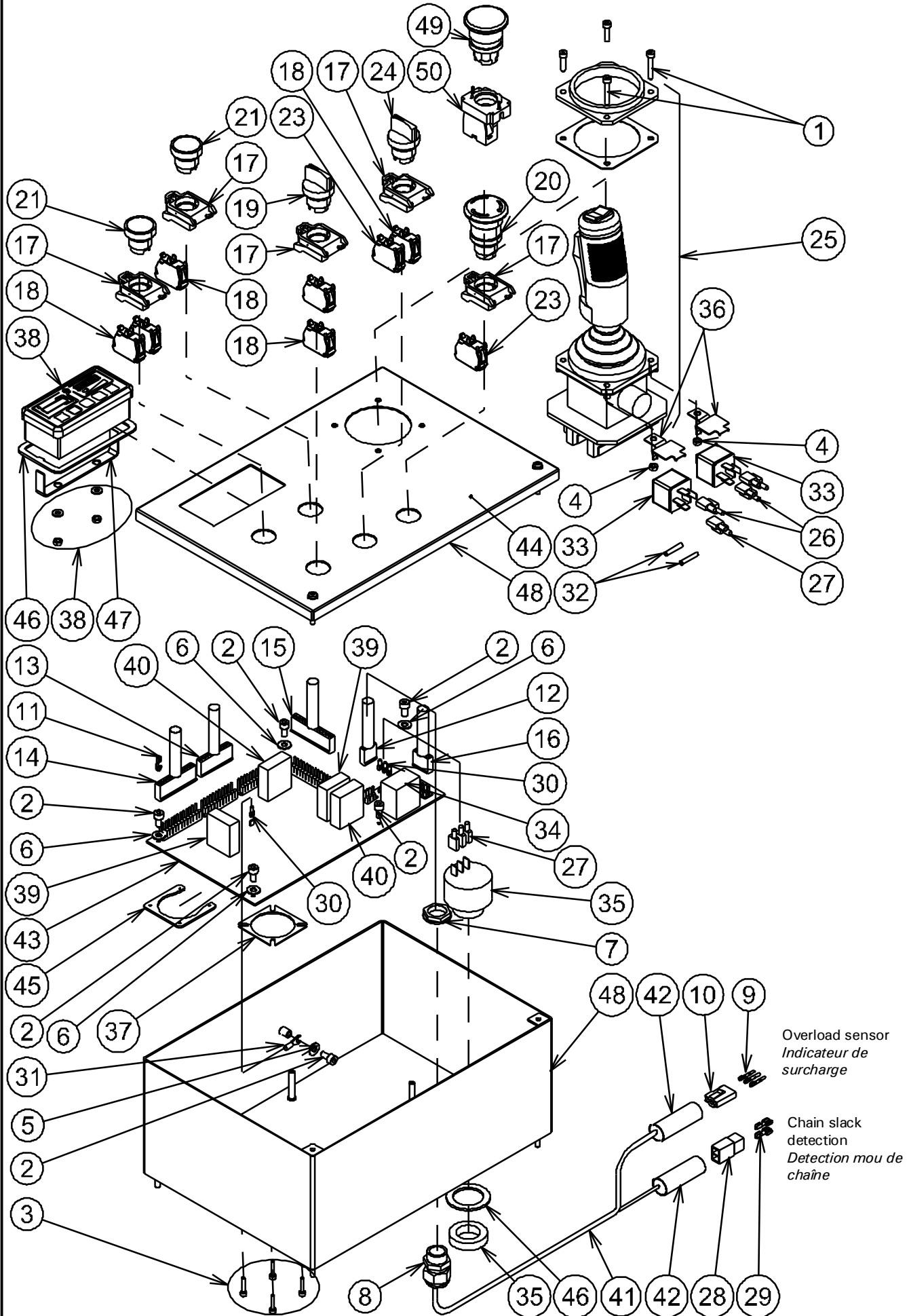
PRISE CHARGEUR

1/1

DET REP	PART NUMBER REF.	SEE VIEW VOIR VUE	DESCRIPTION		R E V	QTY QTE
1	7364002824		US 125 VAC MALE CONNECTOR (=260276)	PRISE US 125VAC (=260276)		1
2	260213		Yellow CONNECTOR 110VAC/16A CEI, IP44	PRISE MALE Jaune 110VAC/16A CEI, IP44		1
3	250117		UK 220 VAC MALE CONNECTOR	PRISE MALE 220VAC ROYAUME UNI		1
4	260231		BLUE CONNECTOR 220VAC/16A CEI, IP44	PRISE MALE BLEUE 220VAC/16A CEI, IP44		1
5	260214		FRENCH AND GERMAN 220V CONNECTOR	PRISE 220V FRANCAISE ET ALLEMANDE		1
6	260263		BLUE CONNECTOR 220VAC/32A CEI, IP44	PRISE MALE BLEUE 220VAC/32A CEI, IP44		1
7	260266		Yellow CONNECTOR 110VAC/32A CEI, IP44	PRISE MALE Jaune 110VAC/32A CEI, IP44		1



UPPER CONTROL BOX ASSEMBLY ASSEMBLAGE BOITIER ELECTRIQUE HAUT



ISSUE DATE : 20/07/01

UPPER CONTROL BOX ASSEMBLY

ISSUE REL :

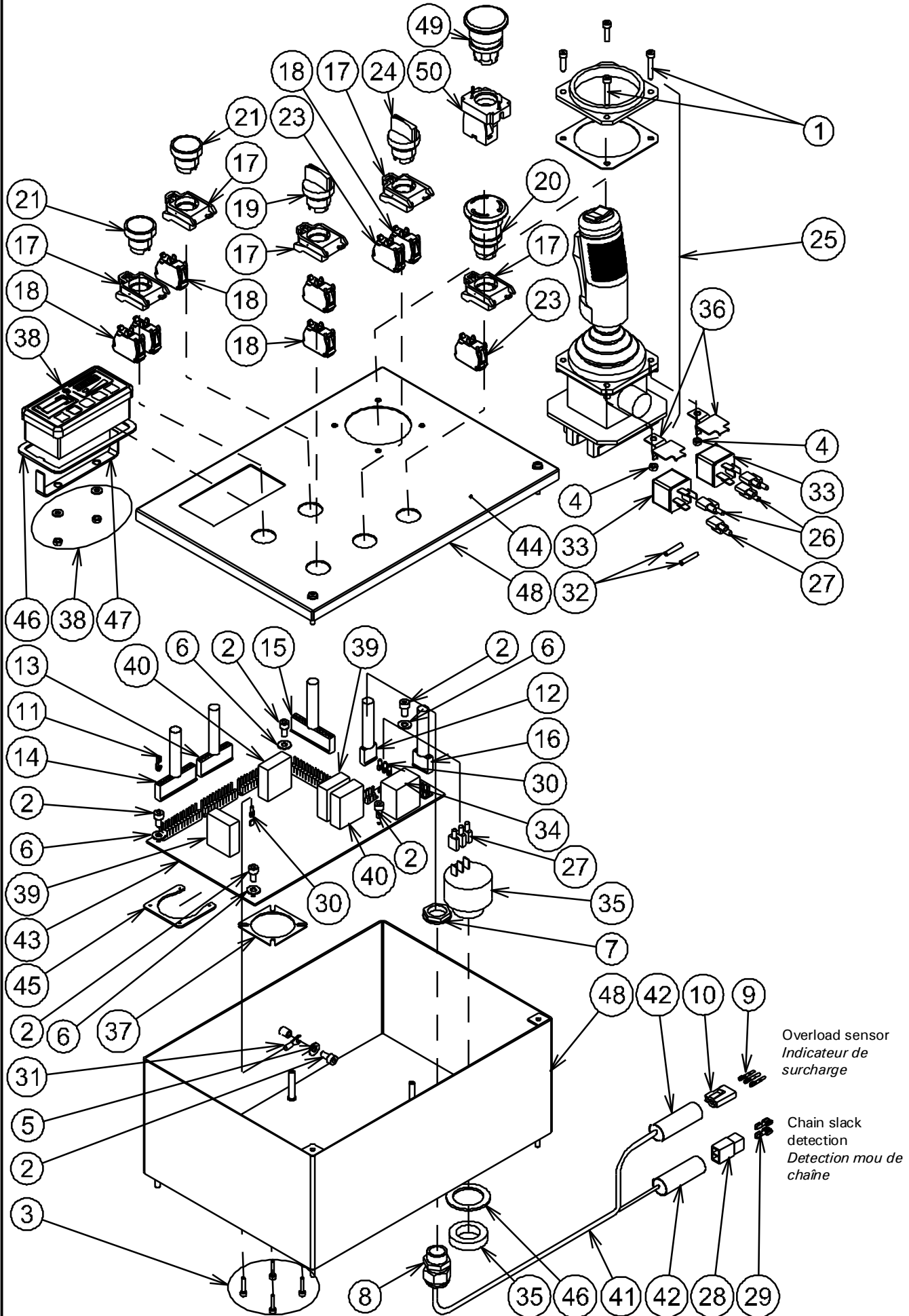
ASSEMBLAGE BOITIER ELEC. HAUT

ASSY NO : SP0498 REV : A

1/2

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	000020		M04x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M04x20 8.8 BI FT		2
2	000065		M03x06 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x06 8.8 FT		6
3	000091		M03x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x16 8.8 BI FT	A	4
4	110021		M04 GR. 8.8 HEX NUT	ECROU H M04 8.8 BI		2
5	120002		M05 WASHER	RONDELLE M05 BI		1
6	120023		M03 LOCK WASHER	RONDELLE CONTACT M03 BI		4
7	210011		GLAND N°13 NUT	ECROU DE PRESSE ETOUPE N°13		1
8	210019		GLAND N°13	PRESSE ETOUPE N°13		1
9	210025		SOCKET CONTACT "MINI MATE-N-LOK"	CONTACT FEMELLE "MINI MATE-N-LOK"		3
10	210027		3 POSITIONS "MINI MNL" CAP HOUSING	CONNECTEUR FEMELLE 3 CTS "MINI MNL"		1
11	210038		SOCKET CONTACT MOLEX	COSSE FEMELLE MOLEX	A	x
12	929032		T910 CABLE ASSEMBLY CR12	FAISCEAU ELECTRIQUE CR12 T910	A	1
13	929016		CABLE ASSEMBLY CR16 T1010	FAISCEAU ELECTRIQUE CR16 T1010	A	1
14	929014		CABLE ASSEMBLY CR14 T1010	FAISCEAU ELECTRIQUE CR14 T1010	A	1
15	929017		CABLE ASSEMBLY CR13 T1010	FAISCEAU ELECTRIQUE CR13 T1010	A	1
16	929033		CABLE ASSEMBLY CR17	FAISCEAU ELECTRIQUE CR17	A	1
17	240076		CONTACT BLOCK HOLDER	EMBASE CONTACT	A	5
18	240058		NO CONTACT BLOCK	CONTACT NO	A	6
19	240059		2 POSITIONS SELECTOR	SELECTEUR 2 POSITIONS	A	1
20	240060		TURN TO RELEASE KNOB	BOUTON D'ARRET D'URGENCE 1/4 TOUR	A	1
21	240061		PUSH BUTTON	BOUTON POUSSOIR	A	2
22			NOT REQUIRED	NON REQUIS	A	
23	240057		NC CONTACT BLOCK	CONTACT NF	A	2
24	240064		3 POSITIONS SELECTOR	SELECTEUR 3 POSITIONS	A	1
25	240051		JOYSTICK	MANIPULATEUR		1
26	250026		RED RECEPTACLE TERM. 6.3 - 0.5-1.2mm ²	COSSE FEMELLE 6.3 ROUGE - 0.5-1.2mm ²		6
27	250027		BLUE RECEPTACLE TER. 6.3 - 1.5-2.5mm ²	COSSE FEM. 6.3 BLEUE 6.3 - 1.5-2.5mm ²		5
28	250033		2 POSITIONS PLUG HOUSING	CONNECTEUR MALE 2 BROCHES		1
29	250035		RECEPTACLE TERMINAL 6.3mm	COSSE PLATE FEMELLE 6.3mm		2
30	250060		RECEPTACLE TERMINAL 4.8 - 0.25-1 mm ²	COSSE ISOLEE 4.8 mm 0.25-1 mm ²		4
31	250085		M04 FORK TERMINAL 0.5-1mm ²	COSSE FOURCHE M04 - 0.5-1mm ²		1
32	250168		SPLICE TERMINAL 1.5-2.5	EPISSURE DE CABLE 1.5-2.5		2
33	260019		1RT 24V RELAY	RELAIS 24 V 1RT		2
34	260042		4RT RELAY	RELAIS 4RT		1
35	260045		BUZZER 24 V	BUZZER 24 V		1
36	260049		RELAY HOLDER	SUPPORT RELAIS		2
37	260127		26 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 26 CONTACTS		1

UPPER CONTROL BOX ASSEMBLY ASSEMBLAGE BOITIER ELECTRIQUE HAUT



ISSUE DATE : 20/07/01

UPPER CONTROL BOX ASSEMBLY

ISSUE REL :

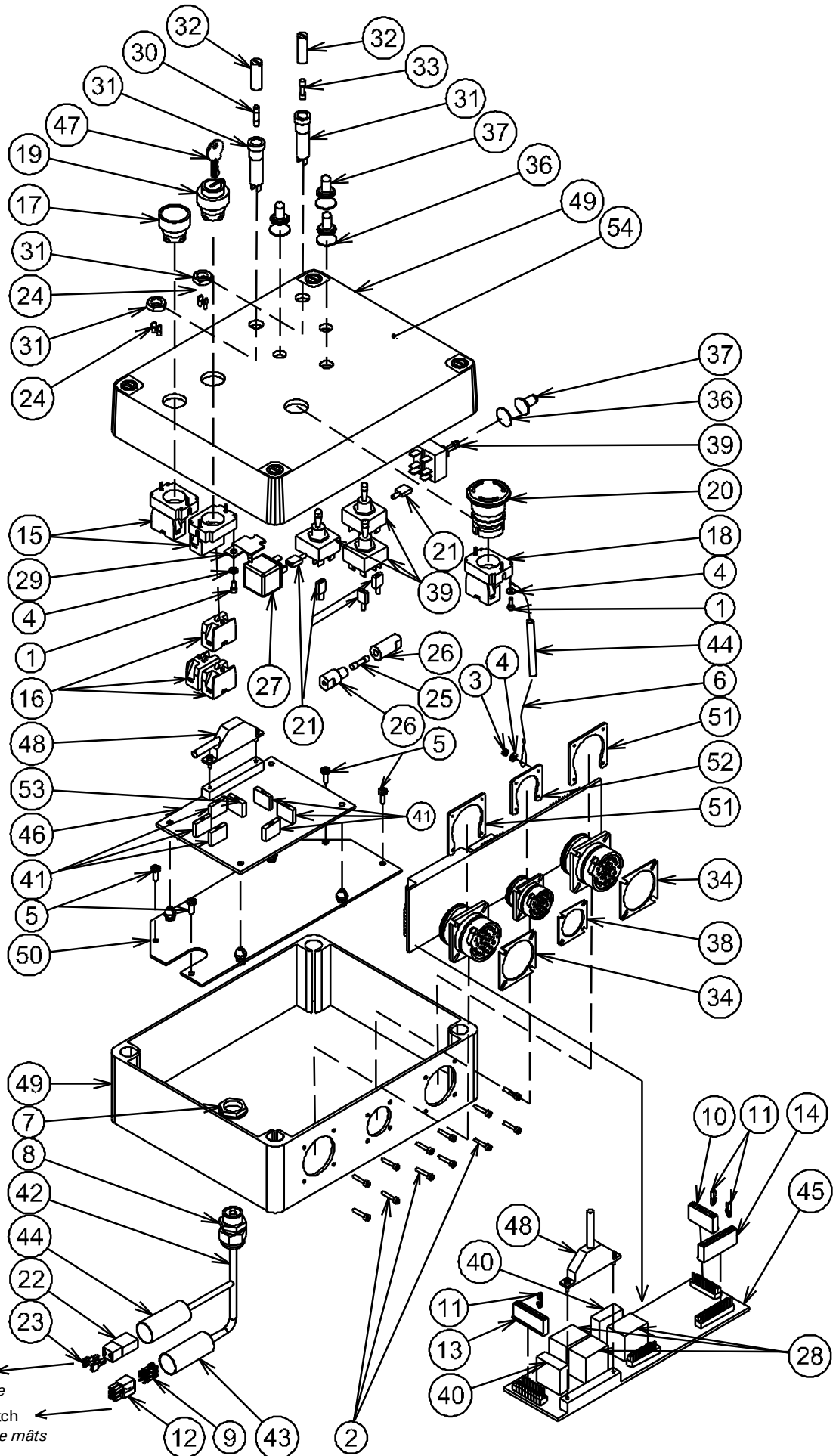
ASSEMBLAGE BOITIER ELEC. HAUT

ASSY NO : SP0498 REV : A

2/2

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
38	260181		BATTERIE DISCHARGE INDICATOR	INDICATEUR DE DECHARGE BATTERIE		1
39	260193		1RT RELAY	RELAIS 1RT		2
40	260194		2RT RELAY	RELAIS 2RT		2
41	270011		CABLE 5x1mm ² (quantity indicated in meter)	CABLE 5x1mm ² (qté indiquée en mètre)		1.4
42	280006		Black Heat Shrink Sleeve 19 (qty in meter)	GAINE THERMO NOIRE 19 (Qté en mètre)		2x0.05
43	290015		ELECTRONIC BOARD	CARTE ELECTRONIQUE		1
44	AU1889		UPPER CONTROL BOX DECAL	AUTOCOLLANT BOITIER HAUT	A	1
45	ST1934		CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		1
46	ST2059		SEAL KIT	POCHETTE DE JOINTS		1
47	ST2060		BRACKET	EQUERRE DE FIXATION		1
48	ST2113		ELECTRICAL BOX	BOITIER ELECTRIQUE		1
49	240008		KNOB (EMERGENCY STOP SWITCH)	ARRET D'URGENCE	A	1
50	240013		NC CONTACT BLOCK HOLDER	EMBASE CONTACT NC	A	1

LOWER CONTROL BOX ASSEMBLY ASSEMBLAGE BOITIER ELECTRIQUE BAS



ISSUE DATE : 23/07/01

LOWER CONTROL BOX ASSEMBLY

ISSUE REL :

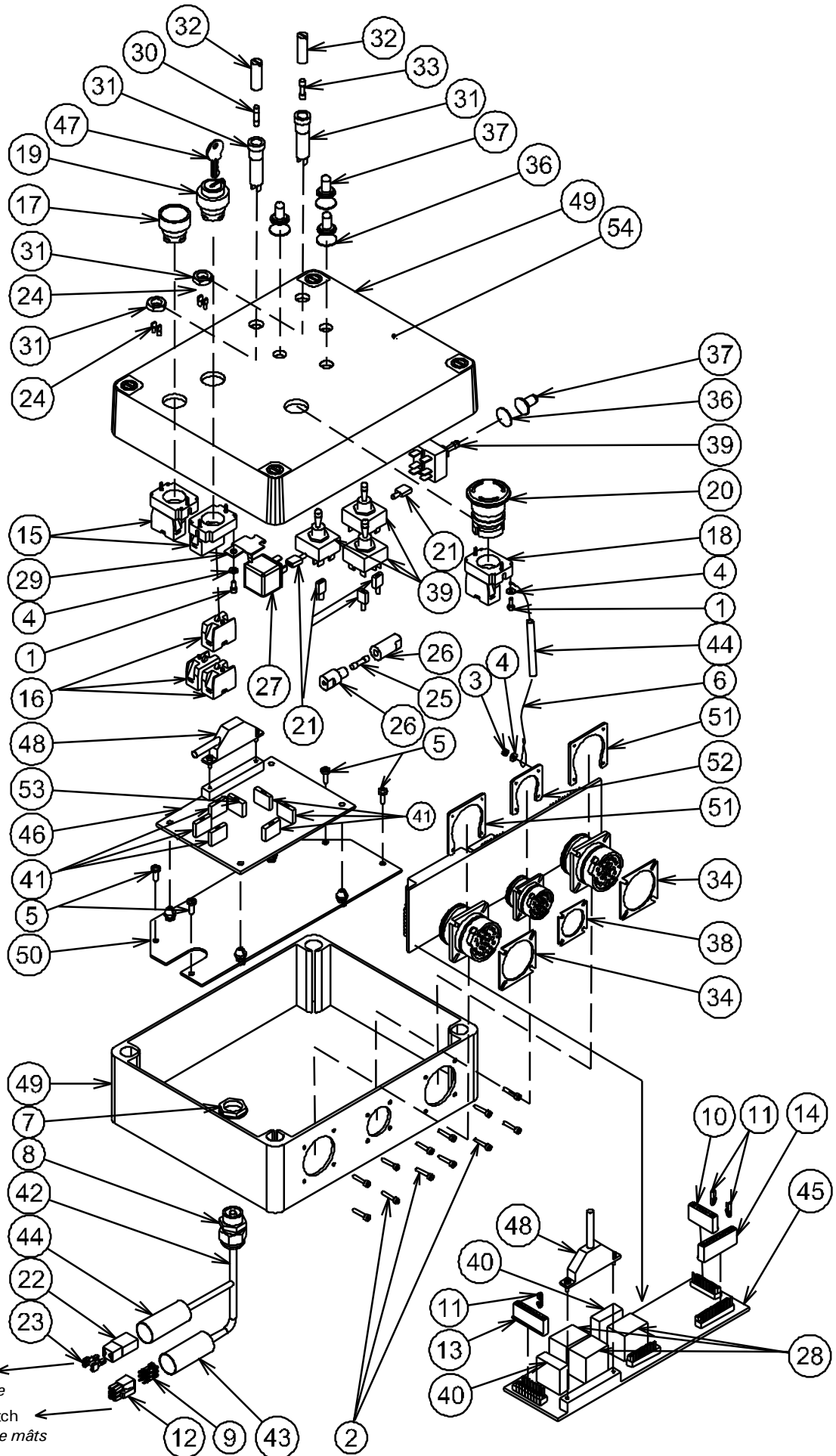
ASSEMBLAGE BOITIER ELEC. BAS

ASSY NO : SP0479 REV : B

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	000065		M03x06 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x06 8.8 FT		2
2	000091		M03x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M03x16 8.8 BI FT	B	12
3	110024		M03 GR. 8.8 LOCK NUT	ECROU FREIN M03 8.8 BI		1
4	120023		M03 LOCK WASHER	RONDELLE CONTACT M03 BI		3
5	130041		SHEET METAL SCREW	VIS AUTOTARAUDEUSE		4
6	190047		LINKAGE WIRE	CABLE D'ATTACHE		1
7	210011		GLAND N°13 NUT	ECROU DE PRESSE ETOUPE N°13		1
8	210019		GLAND N°13	PRESSE ETOUPE N°13		1
9	210026		PIN CONTACT "MINI MATE-N-LOK"	CONTACT MALE "MINI MATE-N-LOK"		6
10	929021		CABLE ASSEMBLY CR6 T1010	FAISCEAU ELECTRIQUE CR6 T1010	B	1
11	210038		SOCKET CONTACT MOLEX	COSSE FEMELLE MOLEX	B	x
12	210039		6 POSITIONS "MINI MNL" PLUG HOUSING	CONNECTEUR MALE 6 CTS "MINI MNL"		1
13	929023		CABLE ASSEMBLY CR8 T1010	FAISCEAU ELECTRIQUE CR8 T1010	B	1
14	929022		CABLE ASSEMBLY CR7 T1010	FAISCEAU ELECTRIQUE CR7 T1010	B	1
15	240004		CONTACT BLOCK HOLDER NO	EMBASE CONTACT NO		2
16	240006		NO CONTACT BLOCK	CONTACT NO		3
17	240010		PUSH BUTTON	BOUTON POUSSOIR		1
18	240013		NC CONTACT BLOCK HOLDER	EMBASE CONTACT NC		1
19	240023		3 POSITIONS SELECTOR	SELECTEUR 3 POSITIONS		1
20	240038		KNOB (EMERGENCY STOP SWITCH)	BOUTON D'ARRET D'URGENCE		1
21	250027		BLUE RECEPTACLE TER. 6.3 - 1.5-2.5mm ²	COSSE FEM. 6.3 BLEUE 6.3 - 1.5-2.5mm ²		23
22	250033		2 POSITIONS PLUG HOUSING	CONNECTEUR MALE 2 BROCHES		1
23	250035		RECEPTACLE TERMINAL 6.3mm	COSSE PLATE FEMELLE 6.3mm		2
24	250060		RECEPTACLE TERMINAL 4.8 - 0.25-1 mm ²	COSSE ISOLEE 4.8 mm 0.25-1 mm ²		4
25	260006		5x20 3.15A FUSE	FUSIBLE 5x20 3.15A		1
26	260007		FUSE HOLDER	PORTE FUSIBLE		1
27	926001		RELAY + RESISTOR	RELAIS + RESISTANCE		1
28	260042		4RT RELAY	RELAIS 4RT		3
29	260049		RELAY HOLDER	SUPPORT RELAIS		1
30	260074		5A QUICK ACTING FUSE	FUSIBLE RAPIDE 5A		1
31	260083		FUSE HOLDER	CORPS PORTE FUSIBLE		2
32	260084		FUSE HEAD	TETE PORTE FUSIBLE		2
33	260104		500mA QUICK ACTING FUSE	FUSIBLE RAPIDE 500mA		1
34	260127		26 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 26 CONTACTS		2
35			NOT REQUIRED	NON REQUIS	A	
36	260134		TOGGLE SWITCH GASKET	JOINT D'INVERSEUR		4
37	260135		TOGGLE SWITCH COVER	PROTECTION D'INTERRUPTEUR		4

LOWER CONTROL BOX ASSEMBLY ASSEMBLAGE BOITIER ELECTRIQUE BAS



ISSUE DATE : 23/07/01

LOWER CONTROL BOX ASSEMBLY

ISSUE REL :

ASSEMBLAGE BOITIER ELEC. BAS

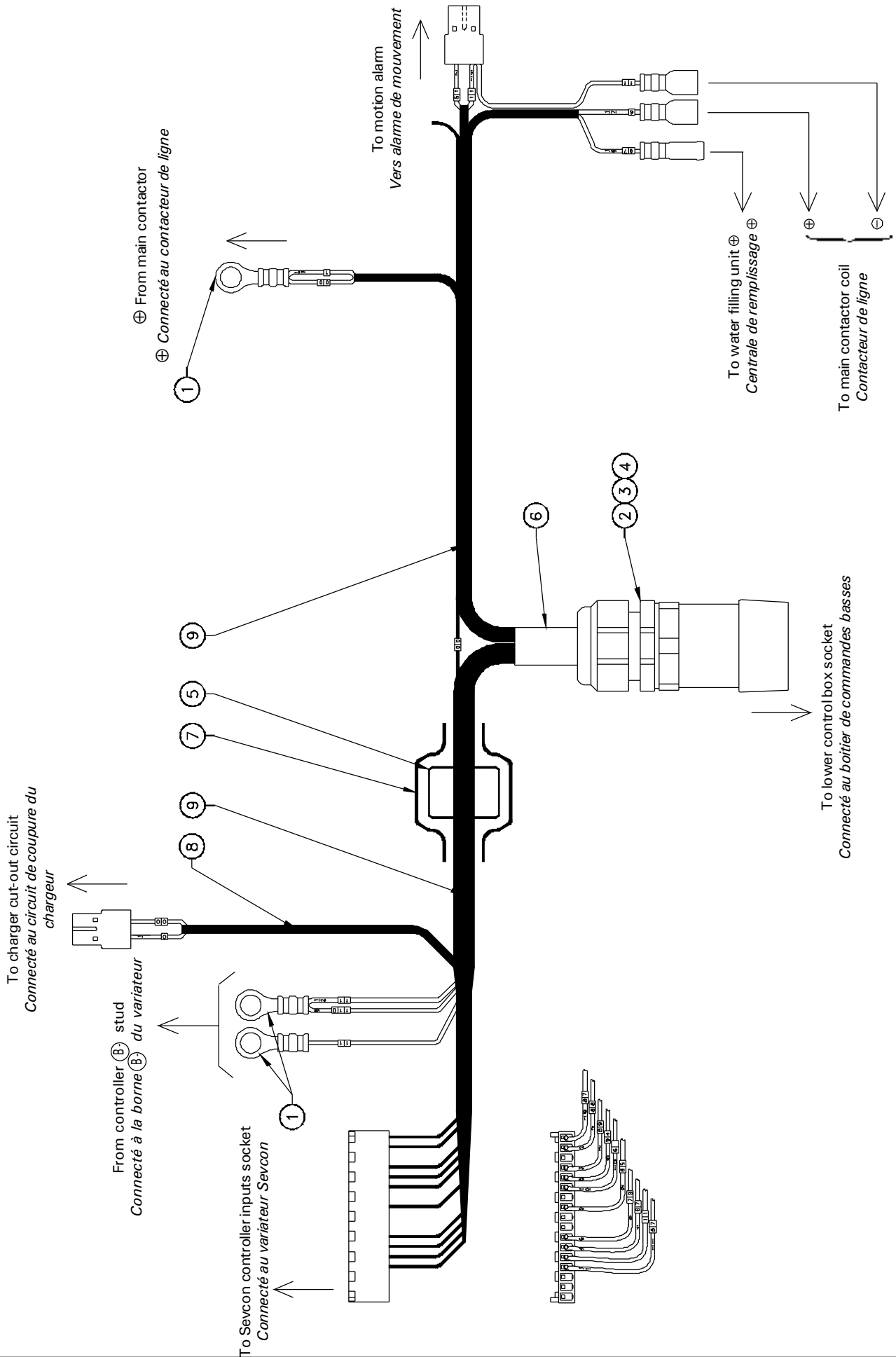
ASSY NO : SP0479 REV : B

2/2

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		R E V	QTY REQ.
38	260167		18 POSITIONS CHASSIS PLUG GASCKET	JOINT CONNECTEUR 18 CONTACTS		1
39	260180		DOUBLE POLE TOGGLE SWITCH	INVERSEUR BIPOLAIRE	A	4
40	260193		1RT RELAY	RELAIS 1RT		2
41	260200		1A QUICK ACTING FUSE	FUSIBLE RAPIDE 1A	A	6
42	270040		CABLE 8x1mm ² (quantity indicated in meter)	CABLE 8x1mm ² (qté indiquée en mètre)		0.6
43	280006		Black Heat Shrink Sleeve 19 (qty in meter)	GAINE THERMO NOIRE 19 (Qté en mètre)		0.10
44	280011		Heat Shrink Sleeve 6 (quantity in meter)	GAINE THERMO 6 (qté indiquée en mètre)		0.13
45	290009		CONNECTORS BOARD	CARTE CONNECTEURS		1
46	290010		DELAY TIMER BOARD	CARTE TEMPORISATION		1
47	910003		KEY N°421	CLE N°421		1
48	929020		CABLE ASSEMBLY CR5 T1010	FAISCEAU ELECTRIQUE CR5 T1010		1
49	SD0480		DRILLED ELECTRICAL BOX	BOITIER ELECTRIQUE PERCE		1
50	ST1933		BOARD HOLDER	SUPPORT CARTE		1
51	ST1934		CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		2
52	ST1935		CONNECTOR PLATE	CONTRE PLAQUE CONNECTEUR		1
53	260232		2A QUICK ACTING FUSE	FUSIBLE RAPIDE 2A	A	1
54	AU1348		LOWER CONTROL BOX DECAL	AUTOCOLLANT BOITIER BAS	A	1

POWER SUPPLY HARNESS ASSEMBLY

FAISCEAU ALIMENTATION



ISSUE DATE : 30/11/99

**POWER SUPPLY HARNESS
ASSEMBLY**

ISSUE REL :

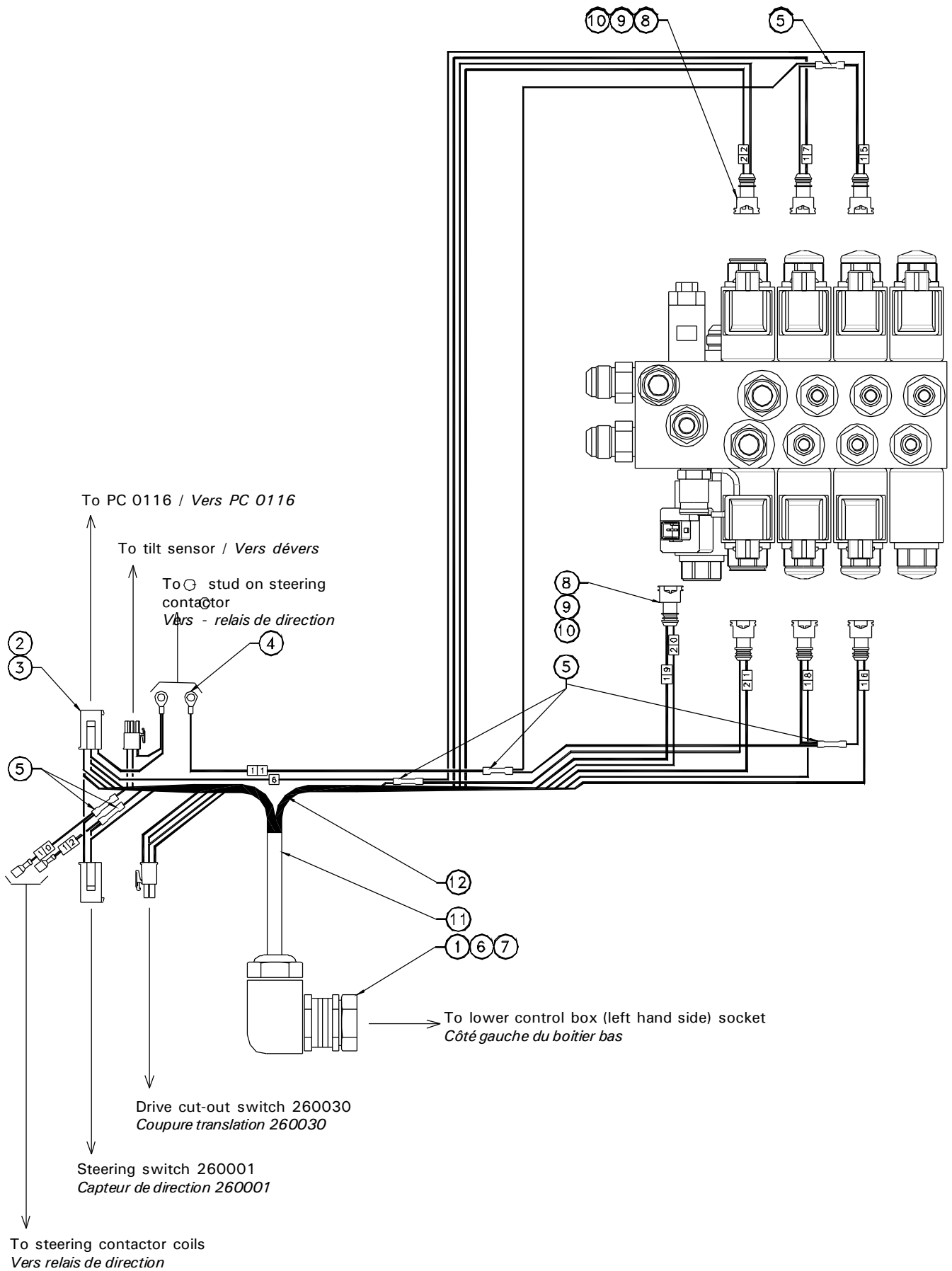
FAISCEAU ALIMENTATION

ASSY NO : PC 0114 REV :

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		R E V	QTY REQ.
1	250084		INSULATED EYE TERMINAL Ø8	COSSE A ŒIL ISOLEE Ø8		3
2	260130		FEMALE CONTACT	CONTACT A SERTIR FEMELLE		18
3	260168		FEMALE CONNECTOR	CONNECTEUR FEMELLE		1
4	260169		FITTING N° 21	RACCORD N°21		1
5	260192		FERRITE	FERRITE		1
6	270013		WIRE 19x1mm ² (Quantity indicated in meter)	CABLE 19x1mm ² (qté indiquée en mètre)		0.65
7	280003		Black THERMO SHEATH 38/12(qty in meter)	GAINES THERMO NOIRE 38/12(qté en mètre)		0.07
8	400030		SHEATH GUARD Ø6 (Qty in meter)	GAINES DE PROTECTION Ø6 (Qté en mètre)		0.25
9	400031		SHEATH GUARD Ø12 (Qty in meter)	GAINES DE PROTECTION Ø12(Qté en mètre)		0.70

LOWER CONTROL BOX CHASSIS HARNESS ASSEMBLY FAISCEAU PRINCIPAL CHASSIS



ISSUE DATE : 19/09/00

**LOWER CONTROL BOX CHASSIS
HARNES ASSEMBLY**

ISSUE REL :

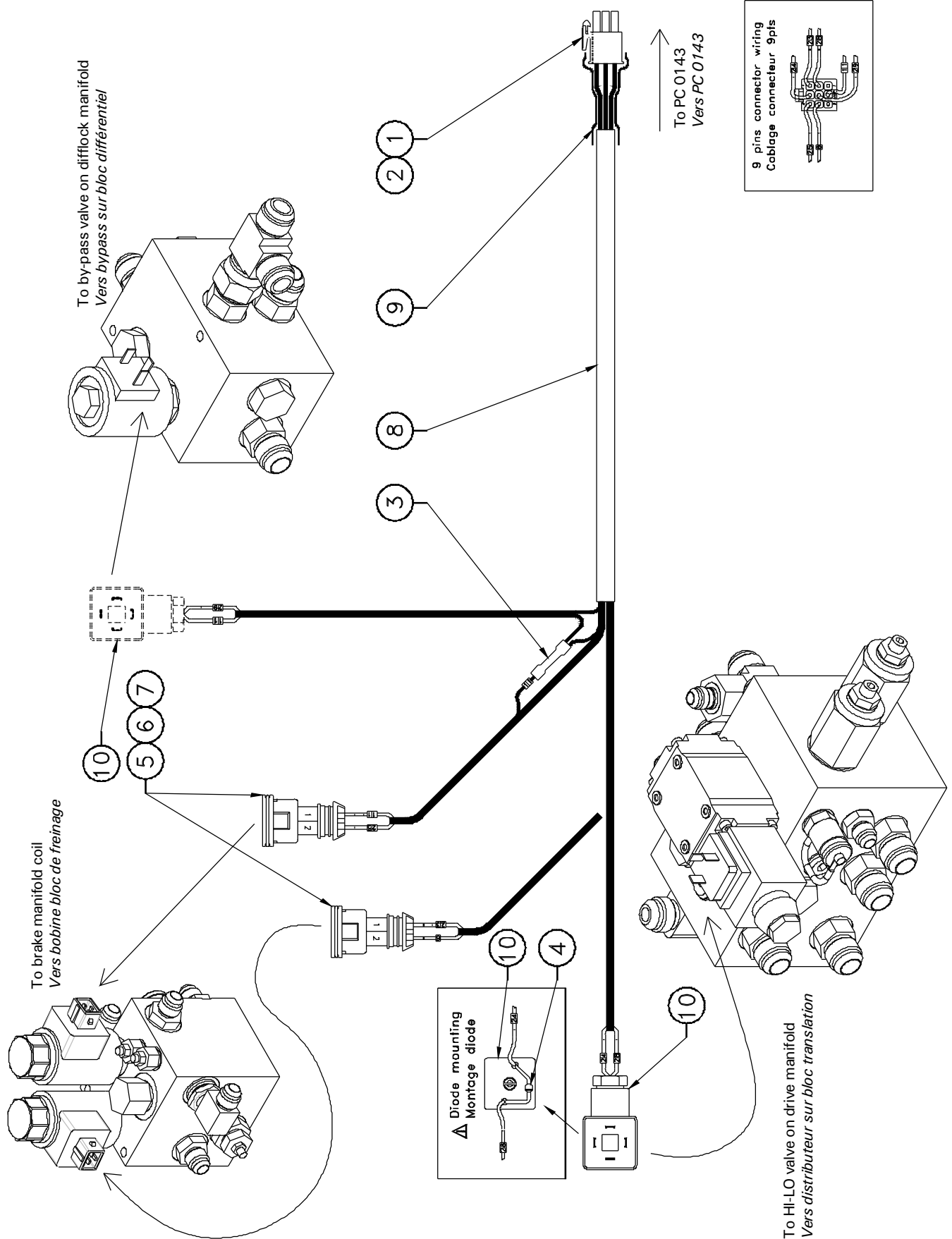
FAISCEAU PRINCIPAL CHASSIS

ASSY NO : PC 0143 REV :

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	210020		90° CONNECTOR GLAND	PRESSE ETOUPE CONNECTEUR COUDE		1
2	210026		MALE TERMINAL	COSSE MALE		7
3	210042		FEMALE CONNECTOR	CONNECTEUR FEMELLE		1
4	250084		INSULATED EYE TERMINAL Ø8	COSSE A ŒIL ISOLEE Ø8		2
5	250168		UNION TERMINAL	EPISSURE DE CABLES		6
6	260128		26 PINS CONNECTOR	CONNECTEUR 26 CONTACTS		1
7	260130		FEMALE CONTACT	CONTACT A SERTIR FEMELLE		26
8	260132		SEAL CONNECTOR	JOINT DE CONNECTEUR		14
9	260136		AMP TIMER CONNECTOR	CONNECTEUR AMP TIMER		7
10	260137		CONTACT	CONTACT		14
11	270046		WIRE 27x1mm² (quantity indicated in meter)	CABLE 27x1mm² (qté indiquée en mètre)		4.5
12	400031		SHEATH GUARD Ø12 (Qty in meter)	GAINÉ DE PROTECTION Ø12 (Qté en mètre)		0.5

CHASSIS HARNESS ASSEMBLY FAISCEAU AUXILIAIRE



ISSUE DATE : 30/11/99

CHASSIS HARNESS ASSEMBLY

ISSUE REL :

FAISCEAU AUXILIAIRE

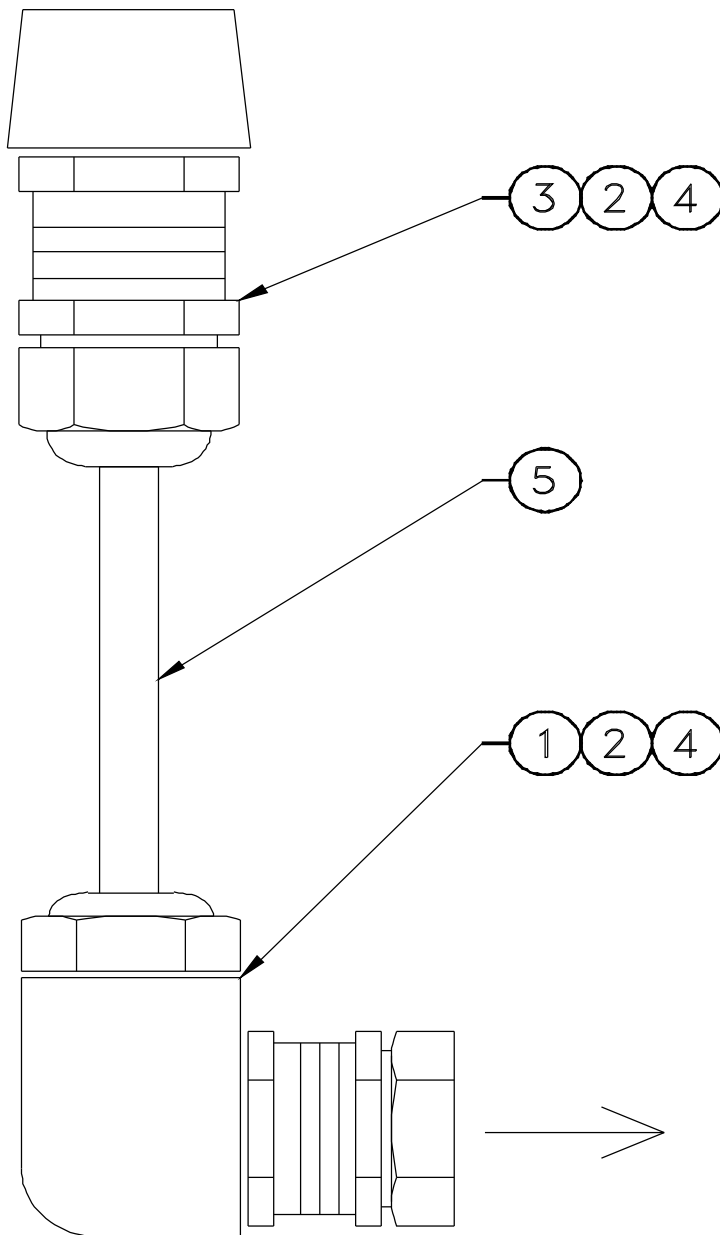
ASSY NO : PC 0116 REV :

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		R E V	QTY REQ.
1	210025		FEMALE TERMINAL	COSSE FEMELLE		7
2	210041		MALE CONNECTOR	CONNECTEUR MALE		1
3	250168		UNION TERMINAL	EPISSURE DE CABLES		1
4	260010		DIODE	DIODE		1
5	260132		SEAL CONNECTOR	JOINT DE CONNECTEUR		4
6	260136		AMP TIMER CONNECTOR	CONNECTEUR AMP TIMER		2
7	260137		CONTACT	CONTACT		4
8	270012		WIRE 7x1mm ² (quantity indicated in meter)	CABLE 7x1mm ² (qté indiquée en mètre)		2
9	280006		Black THERMO SHEATH 19 (qty in meter)	GAINES THERMO NOIRE 19 (Qté en mètre)		0.55
10	900087		HIRSHMAN CONNECTOR	CONNECTEUR HIRSHMAN		2

LCB - UCB HARNESS ASSEMBLY FAISCEAU INTERFACE

To upper control box
Vers boîtier haut



To lower control box (right hand side)
socket
Vers boîtier bas (côté droit)

ISSUE DATE : 19/09/00

LCB - UCB HARNESS ASSEMBLY

ISSUE REL :

FAISCEAU INTERFACE

ASSY NO : PC 0172 REV :

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		R E V	QTY REQ.
1	210020		90° CONNECTOR GLAND	PRESSE ETOUPE CONNECTEUR COUDE		1
2	260128		26 PINS CONNECTOR	CONNECTEUR 26 CONTACTS		2
3	260129		CONNECTOR GLAND	PRESSE ETOUPE CONNECTEUR		1
4	260130		FEMALE CONTACT	CONTACT A SERTIR FEMELLE		52
5	270046		WIRE 27x1mm² (quantity indicated in meter)	CABLE 27x1mm² (qté indiquée en mètre)		13.5

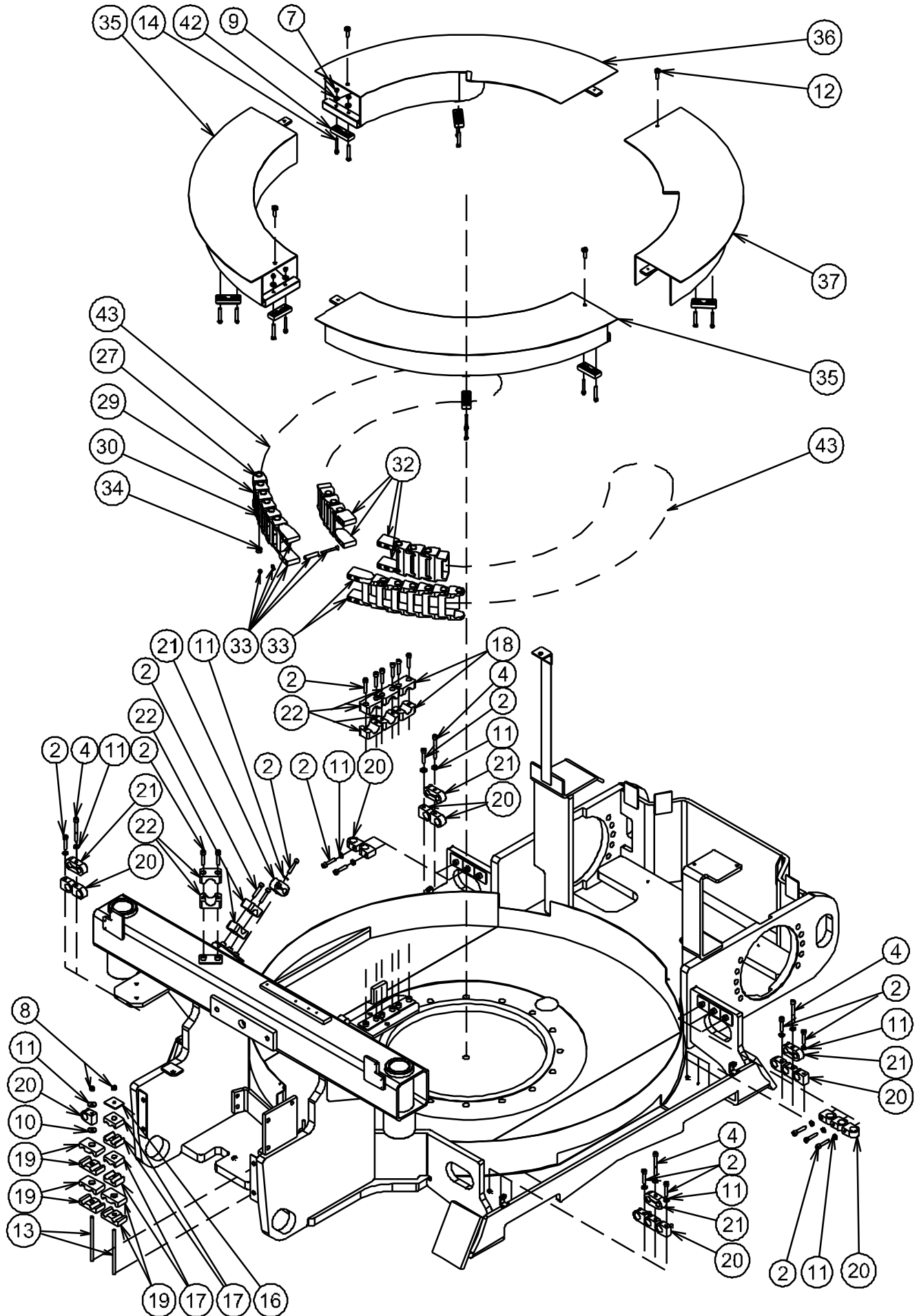
SPARE PARTS
PIECES DETACHEES

SECTION 3

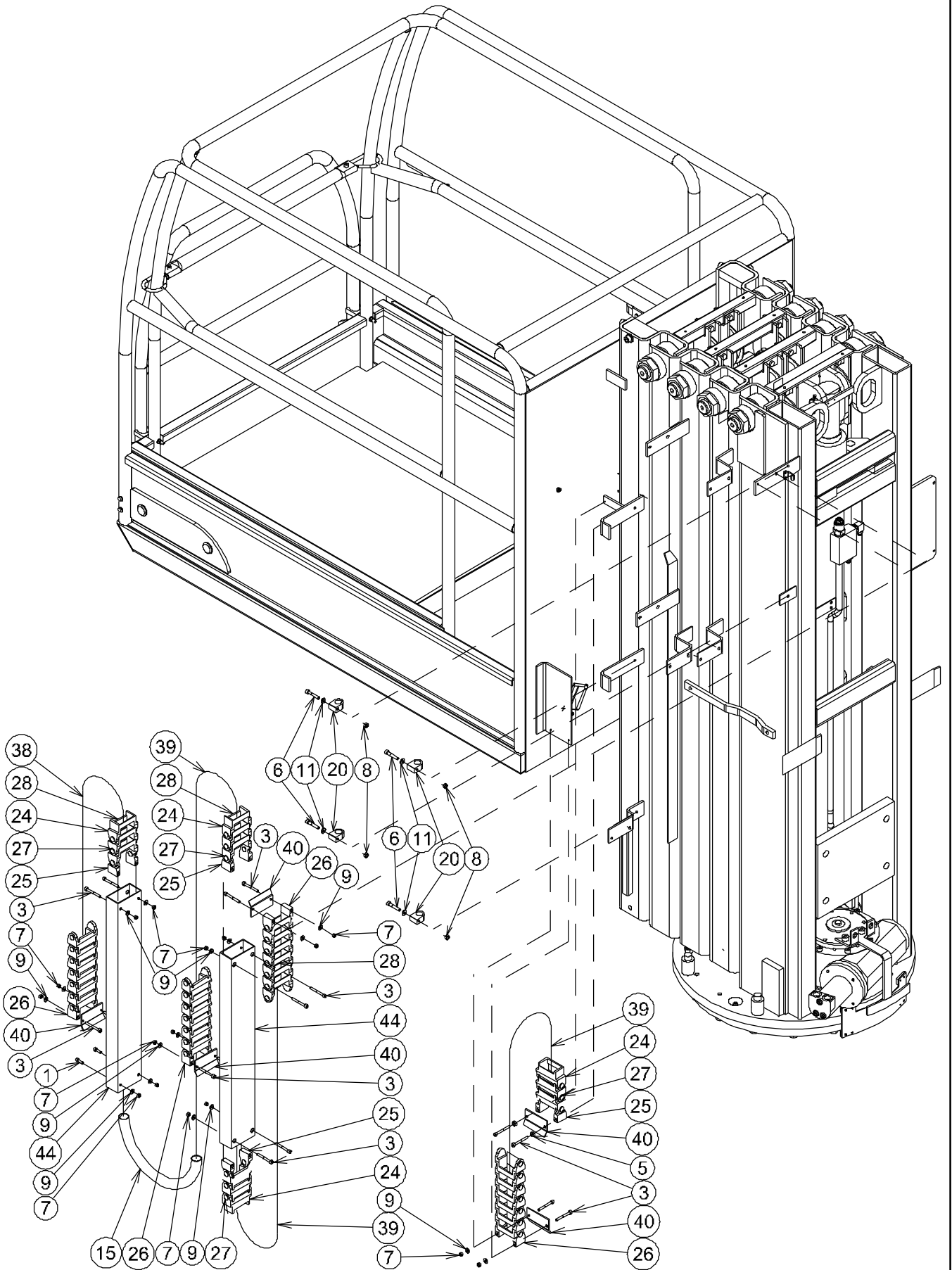
POWER BRIDGE INSTALL
INSTALLATION CHAINE PORTE-CABLES



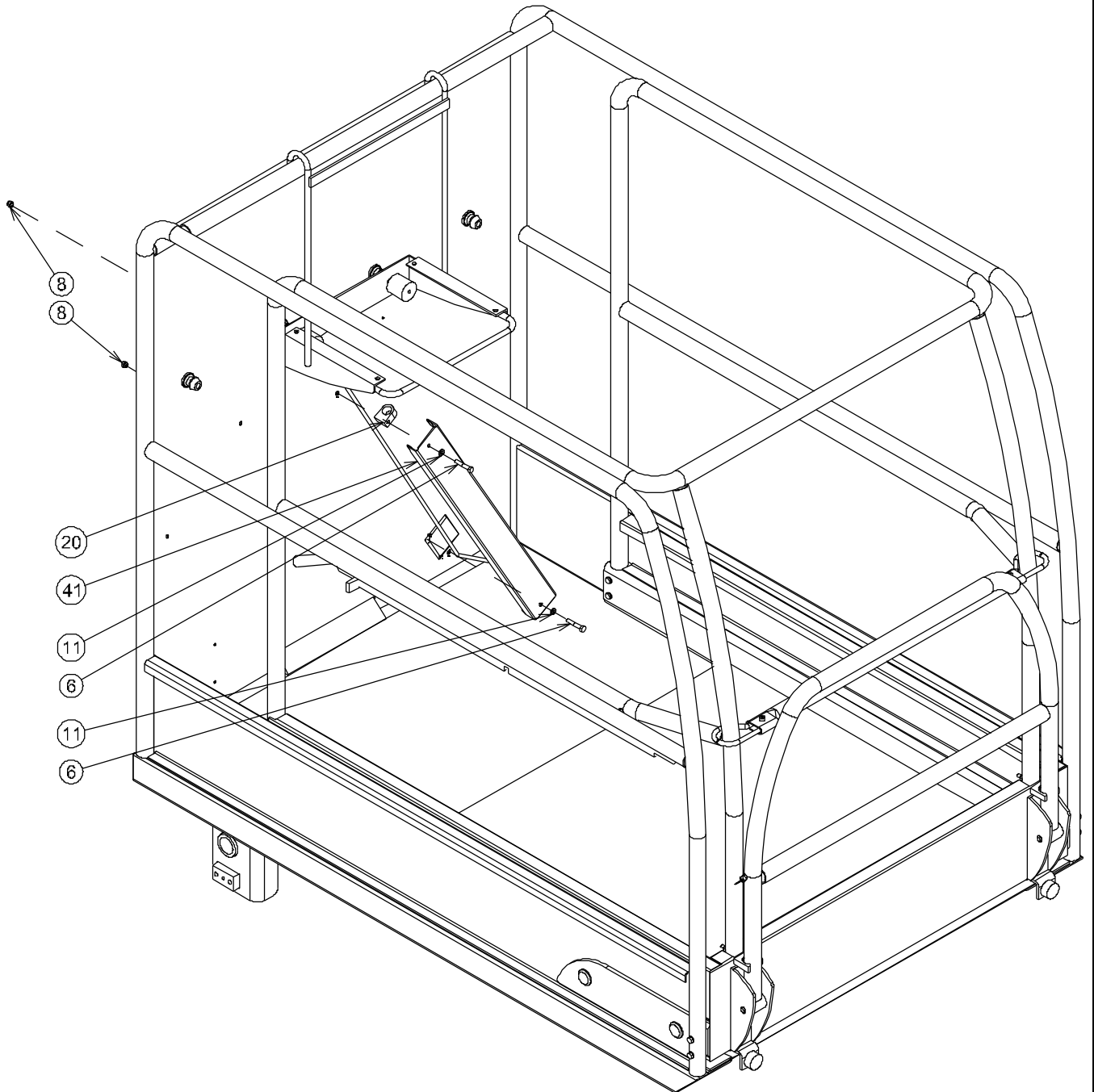
POWER BRIDGE INSTALL INSTALLATION CHAÎNE PORTE-CABLES



POWER BRIDGE INSTALL INSTALLATION CHAÎNE PORTE-CABLES



POWER BRIDGE INSTALL INSTALLATION CHAINE PORTE-CABLES



ISSUE DATE : 05/10/00

POWER BRIDGE INSTALL

ISSUE REL :

**INSTALLATION CHAINES
PORTE CABLES**

ASSY NO : SP0505 REV :

1/2

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	000003		M05x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M05x16 8.8 BI FT		2
2	000016		M06x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x30 8.8 BI FT		22
3	000051		M05x45 8.8 SOCKET HEAD CAPSCREW	VIS CHC M05x45 8.8 BI FP		16
4	000073		M06x55 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x55 8.8 BI FP		4
5	110015		M06 GR. 8.8 HEX NUT	ECROU H M06 8.8 BI		2
6	100051		M06x35 8.8 HEX HEAD MACHINE SCREW	VIS H M06x35 8.8 BI FT		6
7	110002		M05 GR. 8.8 LOCK NUT	ECROU FREIN M5 8.8 BI		30
8	110003		M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		8
9	120002		M05 WASHER	RONDELLE M05 BI		30
10	120004		0.6x25x1.2 WASHER	RONDELLE 0.6x25x1.2 BI		1
11	120009		dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		23
12	130021		M06x20 8.8 ROUND HEAD MACH SCREW	VIS BOMBEE ULF M06x20 8.8 BI FT		4
13	130043		M06x120 GR. 8.8 STUD	GOIJON M06x120 8.8		2
14	130044		M05x35 GR. 4.8 CYLINDRIC HEAD	VIS TC M05x35 4.8		14
15	400010		SHEATH (quantity indicated in meter)	GAINE (quantité en mètres)		2.6
16	400012		PAIR 1/2 SHELLS PLATE	BRIDE PAIRE DEMI COQUILLE		1
17	400018		PAIR 1/2 SHELLS D12.7	PAIRE DEMI COQUILLE D12.7		2
18	400028		PAIR 1/2 SHELLS D21	PAIRE DEMI COQUILLE D21		1
19	400033		PAIR 1/2 SHELLS D12.7	PAIRE DEMI COQUILLE D12.7		3
20	400045		SIMPLE CLAMP Ø16 mm	COLLIER SIMPLE Ø16 mm		21
21	400046		PAIR 1/2 SHELLS D12 mm	PAIRE DEMI COQUILLE D12 mm		5
22	400056		PAIR 1/2 SHELLS D23	PAIRE DEMI COQUILLE D23		4
23			NOT REQUIRED	NON REQUIS		
24	920042		POWER BRIDGE LINK	MAILLON CHAINE PORTE CABLE		x
25	920043		MALE ATTACHMENT LINK PAIR	PAIRE D'ATTACHE MALE		x
26	920044		FEMALE ATTACHMENT LINK PAIR	PAIRE D'ATTACHE FEMELLE		x
27	920045		POWER BRIDGE PIN	AXE CHAINE PORTE CABLE		x
28	920046		POWER BRIDGE COVER	CAPOT CHAINE PORTE CABLE		x
29	920054		SWING POWER BRIDGE LINK	MAILLON CHAINE PORTE CBL CIRCUL.		x
30	920055		SWING POWER BRIDGE COVER	CAPOT CHAINE PORTE CBL CIRCULAIRE		x
31			NOT REQUIRED	NON REQUIS		
32	920057		SWING P B MALE ATTACHMENT KIT	KIT ATTACHE MALE C P CBL CIRCULAIRE		x
33	920058		SWING P B FEMALE ATTACHMENT KIT	KIT ATTACHE FEMELLE C P CBL CIRCUL.		x
34	920056		SWING POWER BRIDGE PIN	AXE CHAINE PORTE CABLE CIRCULAIRE		x
35	DL0484		SWING POWER BRIDGE GUIDE	GUIDE CHAINE CIRCULAIRE		2
36	DL0485		SWING POWER BRIDGE GUIDE	GUIDE CHAINE CIRCULAIRE		1
37	DL0486		SWING POWER BRIDGE GUIDE	GUIDE CHAINE CIRCULAIRE		1

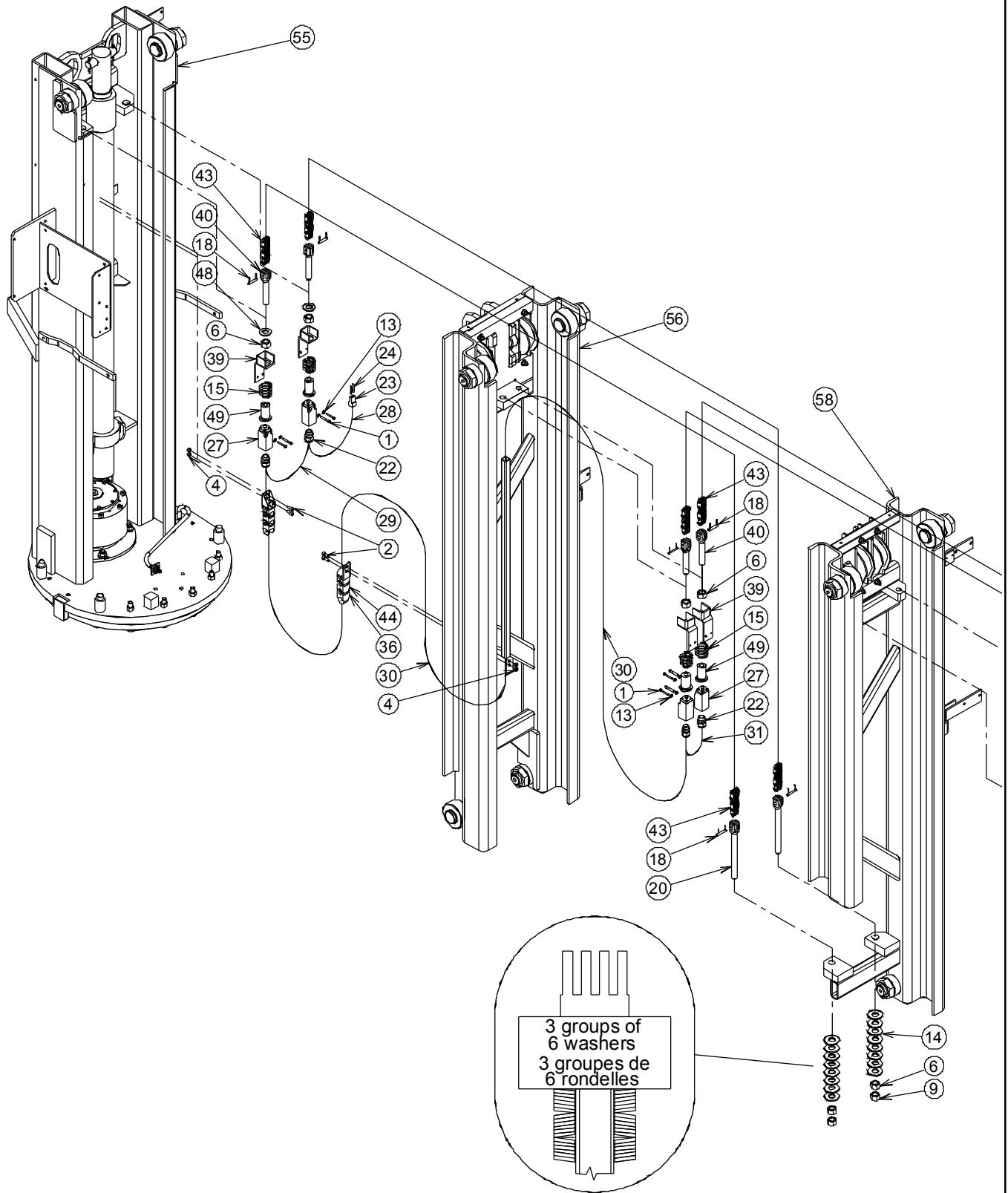
***SPARE PARTS
PIECES DETACHEES***

SECTION 4

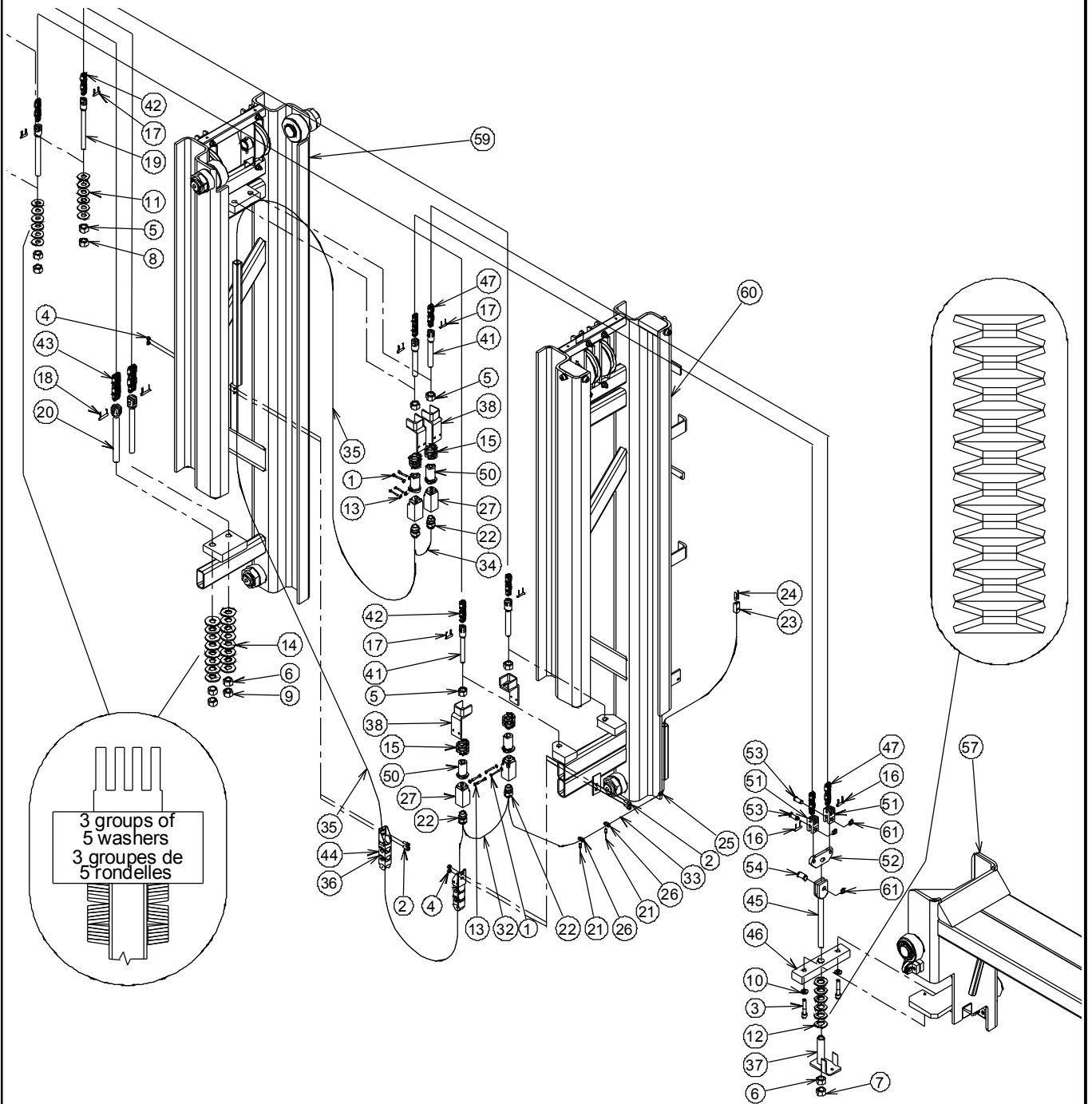
**MASTS ASSEMBLY
ASSEMBLAGE MATS**



MASTS ASSEMBLY ASSEMBLAGE MATS



MASTS ASSEMBLY ASSEMBLAGE MATS



ISSUE DATE : 27/09/00

MASTS INSTALL

ISSUE REL :

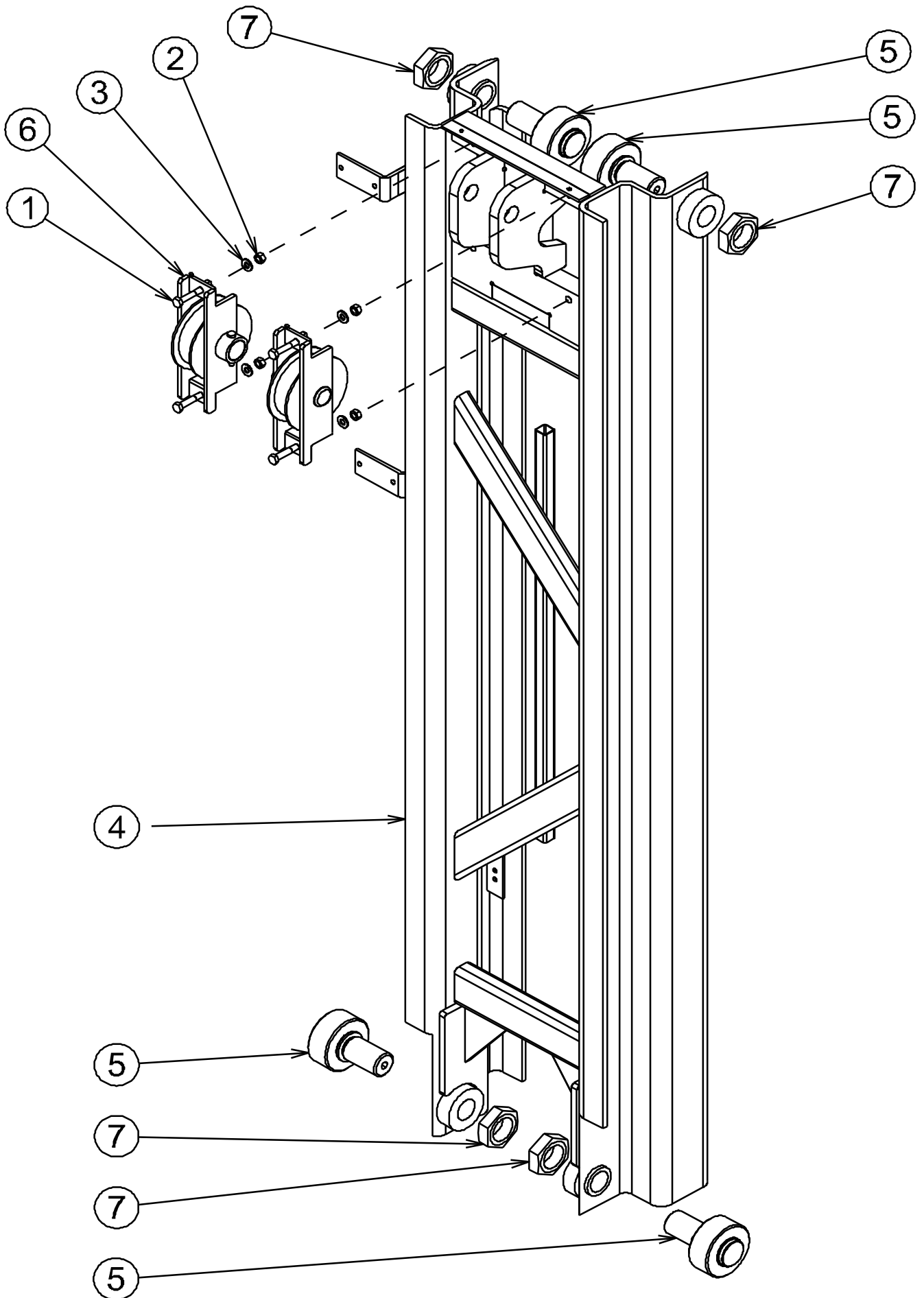
INSTALLATION MATS

ASSY NO : SP0503 REV :

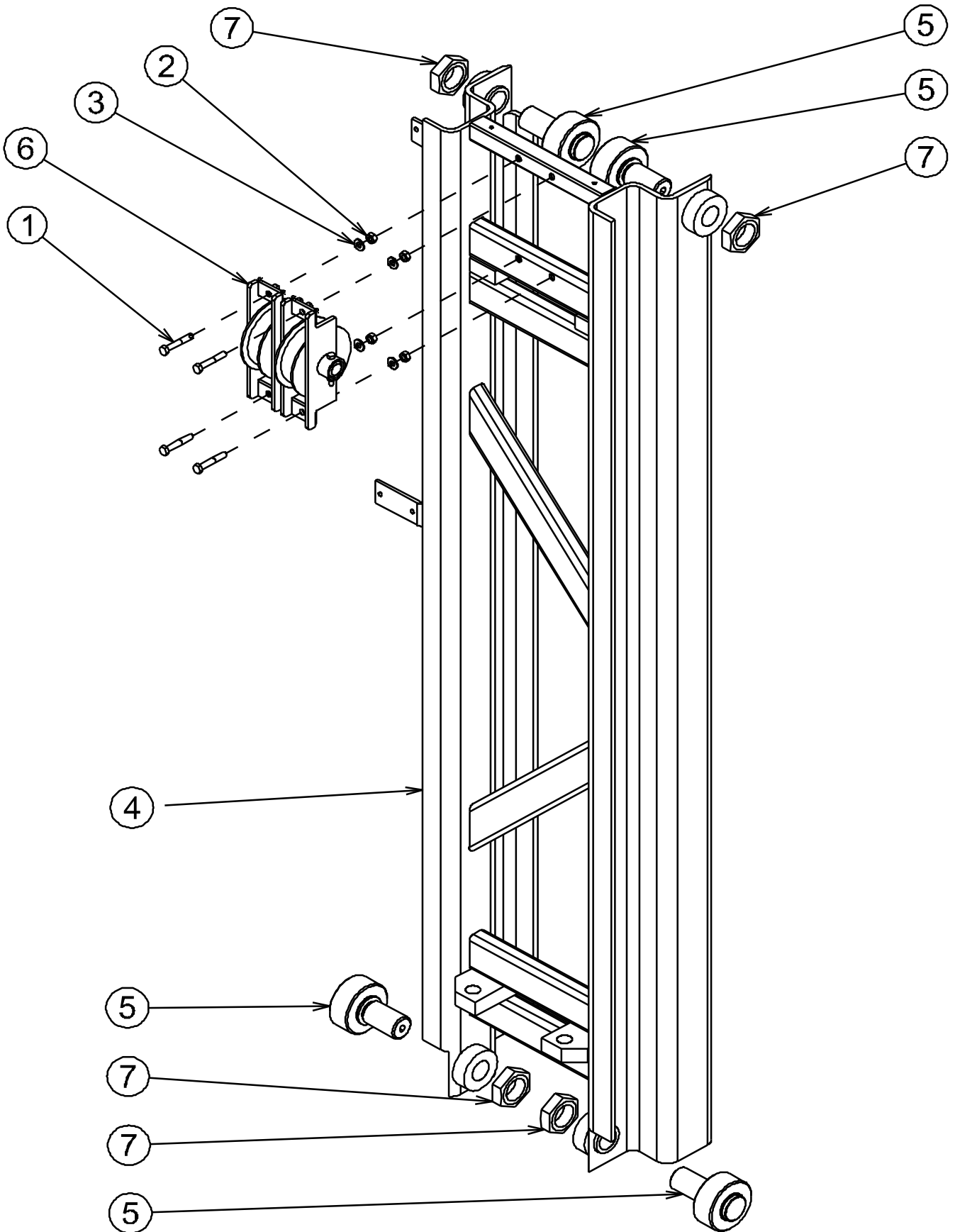
1/2

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	000007		M04x30 8.8 SOCKET HEAD CAPSCREW	VIS CHC M04x30 8.8 BI FP		16
2	000015		M06x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x16 8.8 BI FT		8
3	000035		M10x50 12.9 SOCKET HEAD CAPSCREW	VIS CHC M10x50 12.9 BR FT		2
4	110003		M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		8
5	110009		M14 GR. 8.8 HEX NUT	ECROU H M14 8.8 BI		6
6	110010		M16 GR. 8.8 HEX NUT	ECROU H M16 8.8 BI		9
7	110011		M16 GR. 10.9 LOCK NUT	ECROU FREIN M16 10.9 BI		1
8	110019		M14 GR. 8.8 LOCK NUT	ECROU FREIN H M14 8.8 BI		2
9	110020		M16 GR. 8.8 LOCK NUT	ECROU FREIN M16		4
10	120011		dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		2
11	120017		SPRING WASHER Ø34x14.3x1.5	RONDELLE RESSORT Ø34x14.3x1.5 BI		30
12	120018		SPRING WASHER Ø40x20.4x2	RONDELLE RESSORT 40x20.4x2 BI		20
13	120024		M04 LOCK WASHER	RONDELLE CONTACT M04 BI		16
14	120036		SPRING WASHER Ø40x16.3x2 BLACK	RONDELLE RESSORT Ø40x16.3x2 BR		66
15	160010		C 360 450 320 SPRING	RESSORT C 360 450 320		8
16	170004		CLEVIS PIN	AXE DE CHAPE		2
17	170007		M14 CLEVIS PIN	AXE DE CHAPE M14		6
18	170008		M16 CLEVIS PIN	AXE DE CHAPE M16		8
19	170009		M14x150 LG. CHAIN ANCHOR	CHAPE DE CHAINE M14x150		2
20	170010		CHAIN ANCHOR M16x160 LG	CHAPE DE CHAINE M16x160		4
21	180002		Ø4x10 POP RIVET	RIVET POP Ø4x10		2
22	210062		GLAND N°13 Ø5 IP65	PRESSE ETOUPE N°13 Ø5 IP65		8
23	250032		2 POSITIONS CAP HOUSING	CONNECTEUR FEMELLE 2 BROCHES		2
24	250034		BLADE TERMINAL 6.3mm	COSSE PLATE MALE 6.3mm		4
25	250051		CHANNEL D11.5	PASSE FIL D11.5		1
26	250059		WIRE COLLAR BASE	EMBASE COLLIER		2
27	260016		SWITCH	CAPTEUR		8
28	270031		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		2.75
29	270031		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		0.5
30	270031		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		3
31	270031		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		0.25
32	270031		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		0.5
33	270031		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		4.5
34	270031		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		0.25
35	270031		CABLE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)		2
36	920052		POWER BRIDGE LINK	MAILLON CHAINE PORTE-CABLE		x
37	DL0556		OVERLOAD BRACKET	PATTE SURCHARGE		1

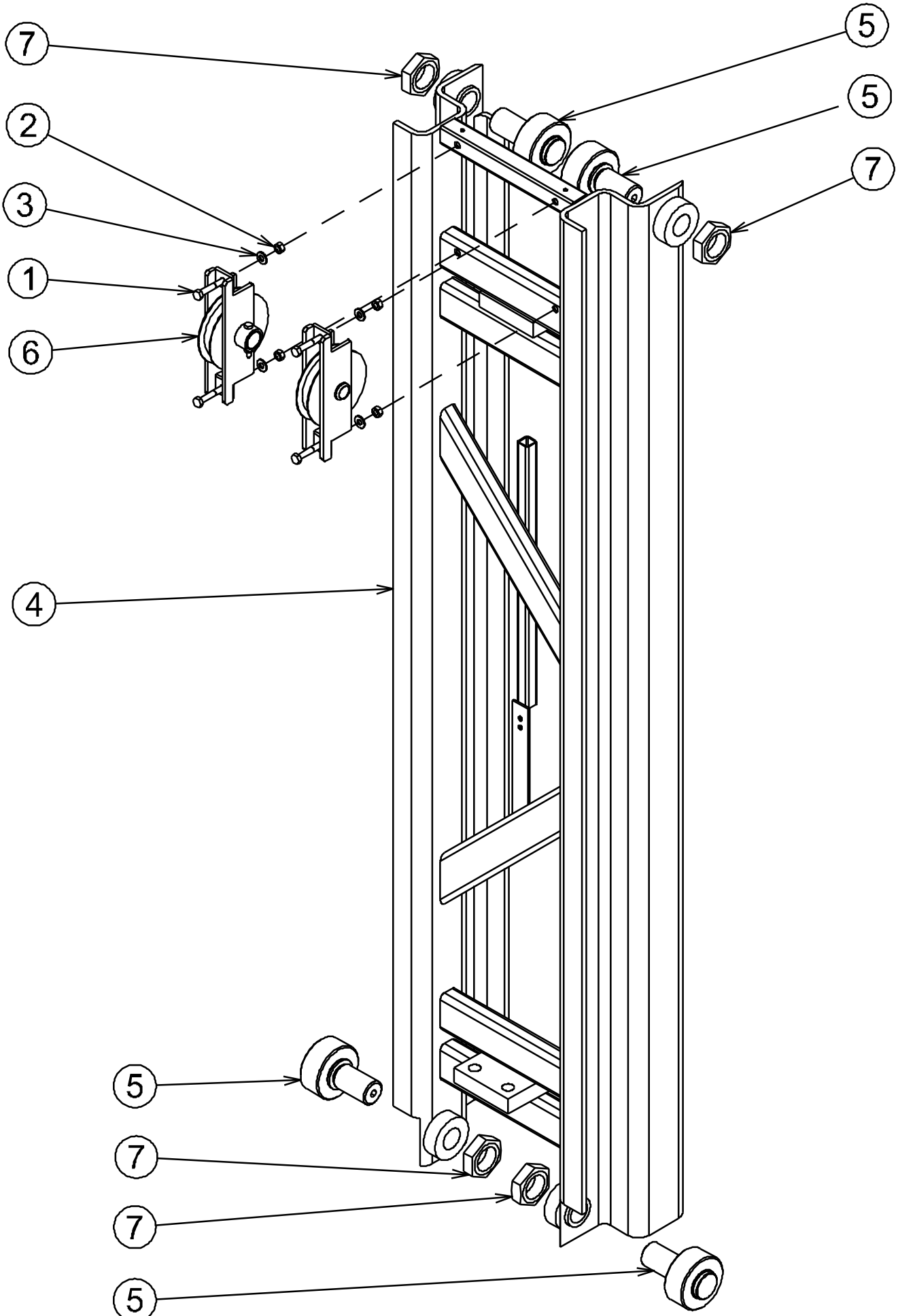
US - CE MAST 2 ASSEMBLY ASSEMBLAGE MAT 2 US - CE



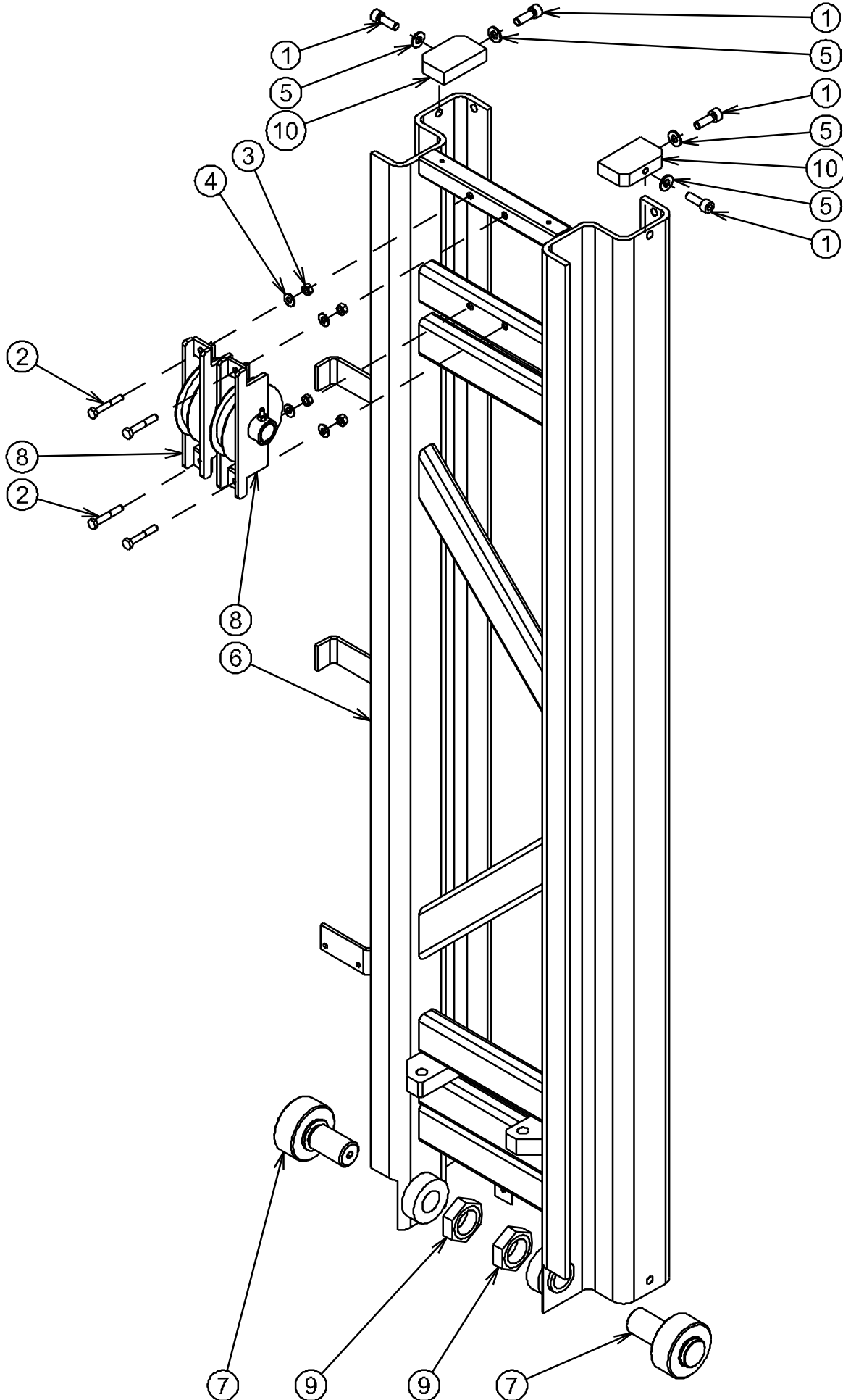
MAST 3 ASSEMBLY ASSEMBLAGE MAT 3



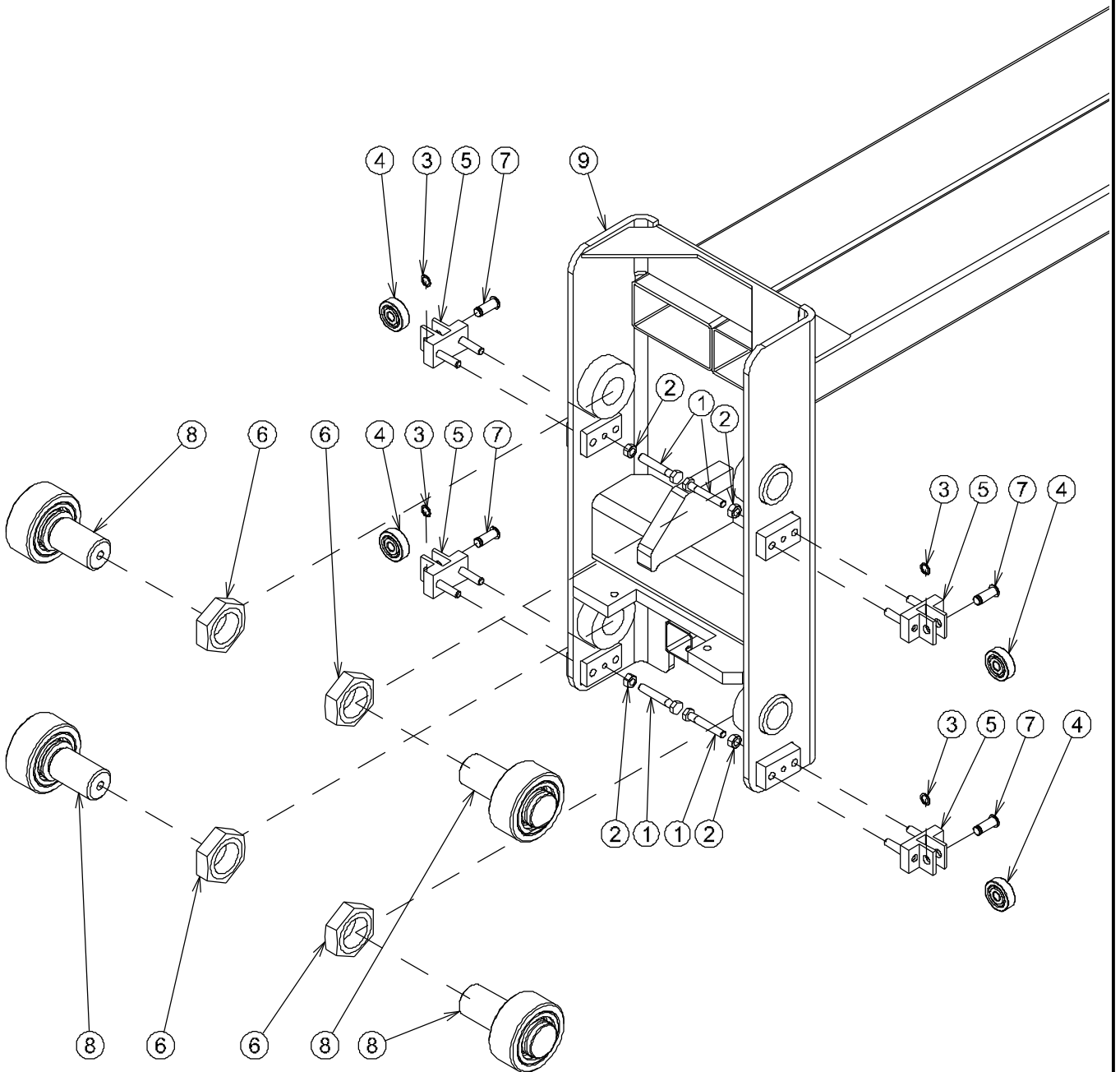
MAST 4 ASSEMBLY ASSEMBLAGE MAT 4



MAST 5 ASSEMBLY ASSEMBLAGE MAT 5



PLATFORM RAISING ASSEMBLY ASSEMBLAGE DU LEVAGE PANIER



ISSUE DATE : 22/01/01

ROLLER ASSEMBLY

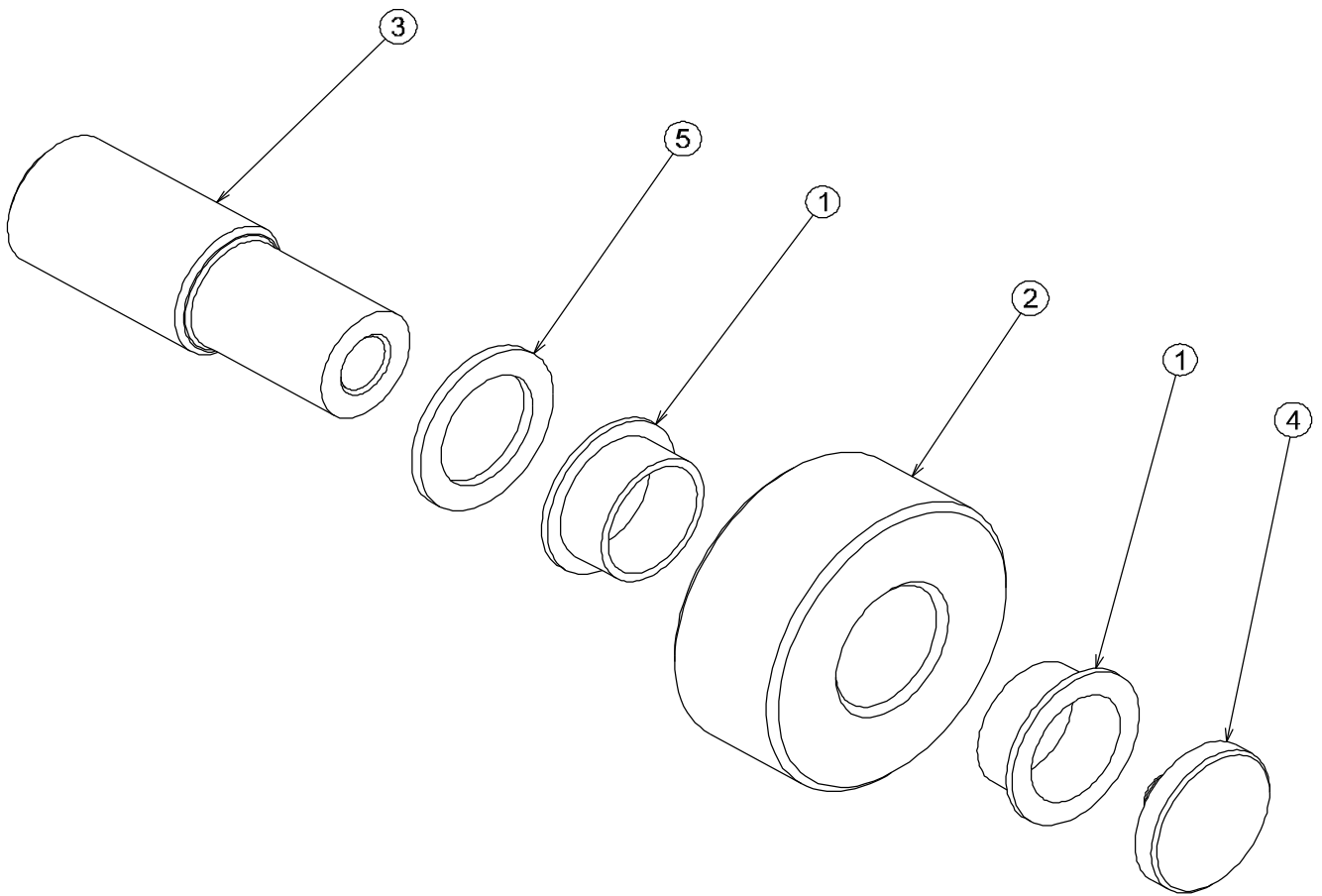
ISSUE REL :

ASSEMBLAGE GALET DE GUIDAGE

ASSY NO : SE0495 REV :

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	150007		FLANGE BUSHING Ø30 H16 DU	BAGUE EPAULEE Ø30 H16 DU		2
2	US0016		ROLLER	GALET		1
3	US0423		ROLLER PIN	AXE DE GALET		1
4	US0018		PIN STOP (Bronze spacer)	BUTEE D'AXE		1
5	US0025		WASHER	RONDELLE AXE DE GALET		1



ISSUE DATE : 22/07/00

ROLLER WITH BEARING ASSEMBLY

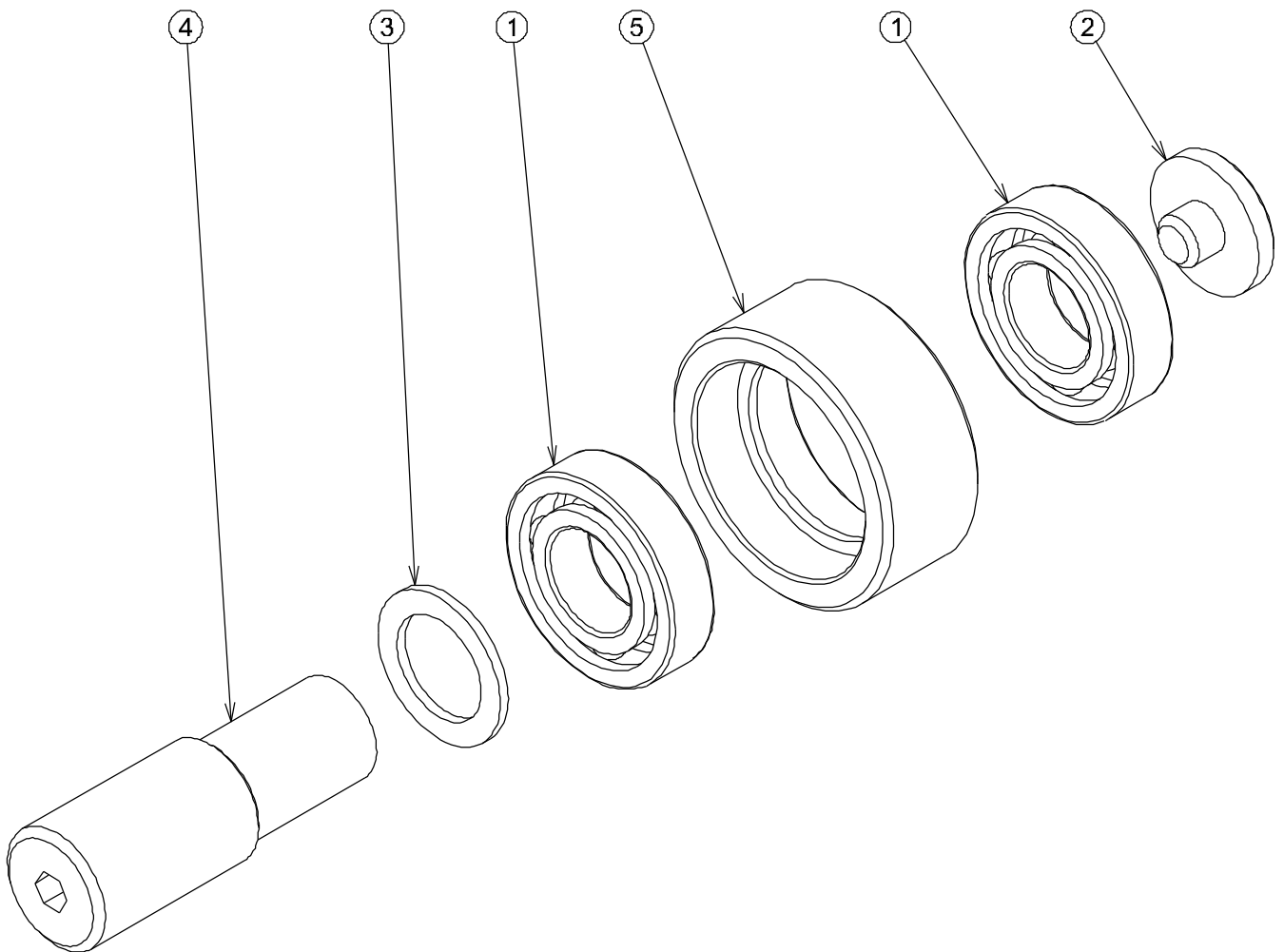
ISSUE REL :

ASSY NO : SP0541 REV :

ASSEMBLAGE GALET SUR ROULEMENT

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	150043		BEARING 6206 2RS	ROULEMENT 6206 2RS		2
2	US0018		PIN STOP (Bronze spacer)	BUTEE D'AXE		1
3	US0025		WASHER	RONDELLE AXE DE GALET		1
4	US0423		ROLLER PIN	AXE DE GALET		1
5	US0401		ROLLER	GALET		1



ISSUE DATE : 30-10-02

PULLEY ASSEMBLY

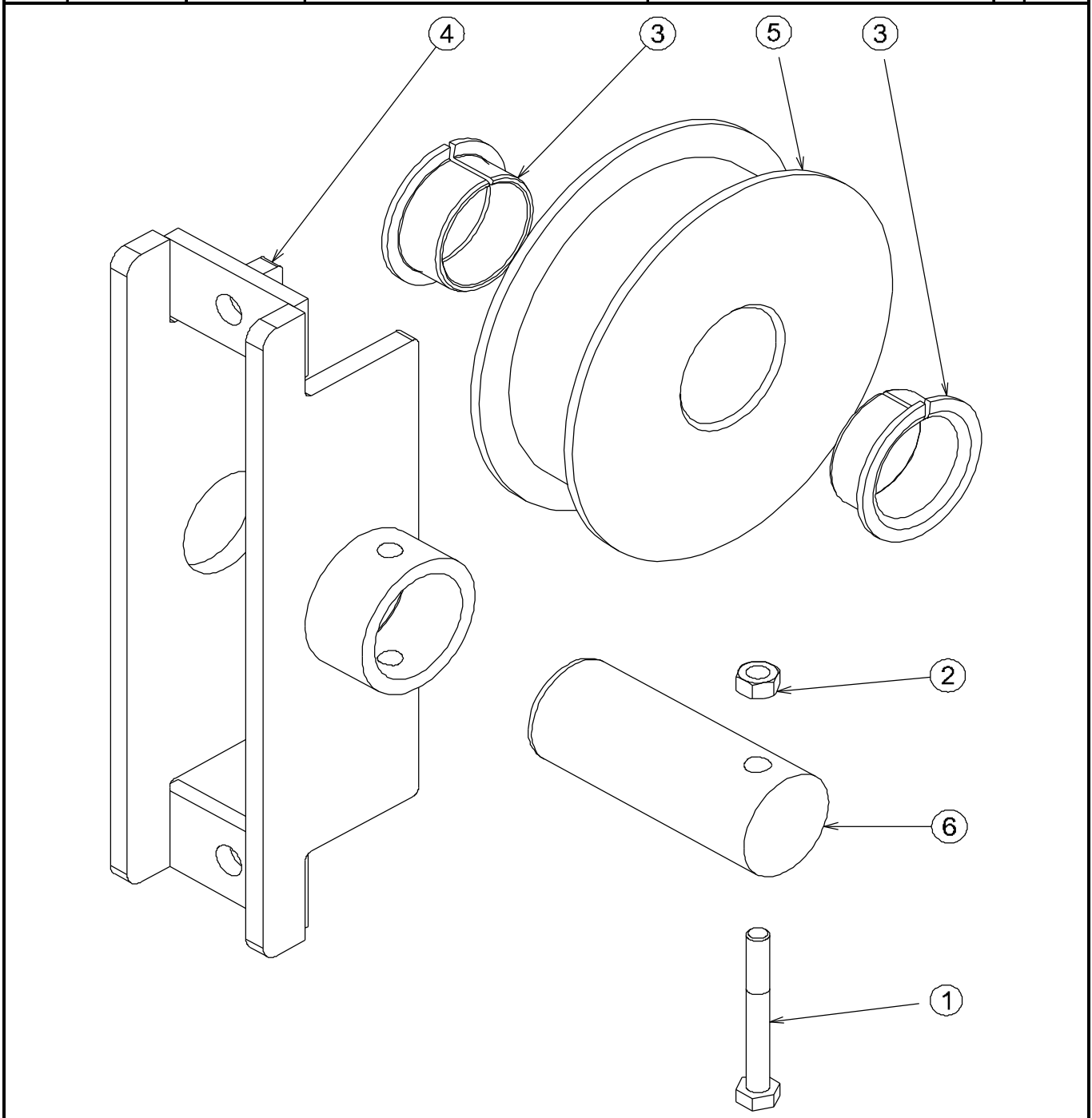
ISSUE REL :

ASSEMBLAGE SUPPORT POULIE

ASSY NO : SP0447 REV : A

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	100013		M06x50 8.8 HEX HEAD CAPSCREW	VIS H M06x50 8.8 BI FP		1
2	110003		M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		1
3	150007		FLANGE BUSHING Ø30 H16 DU	BAGUE EPAULEE Ø30 H16 DU		2
4	SD0452		PULLEY MOUNT	SUPPORT POULIE		1
5	US0479		PULLEY	POULIE	A	1
6	US0375		PULLEY PIN	AXE DE SUPPORT POULIE		1



ISSUE DATE : 30-10-02

PULLEY ASSEMBLY

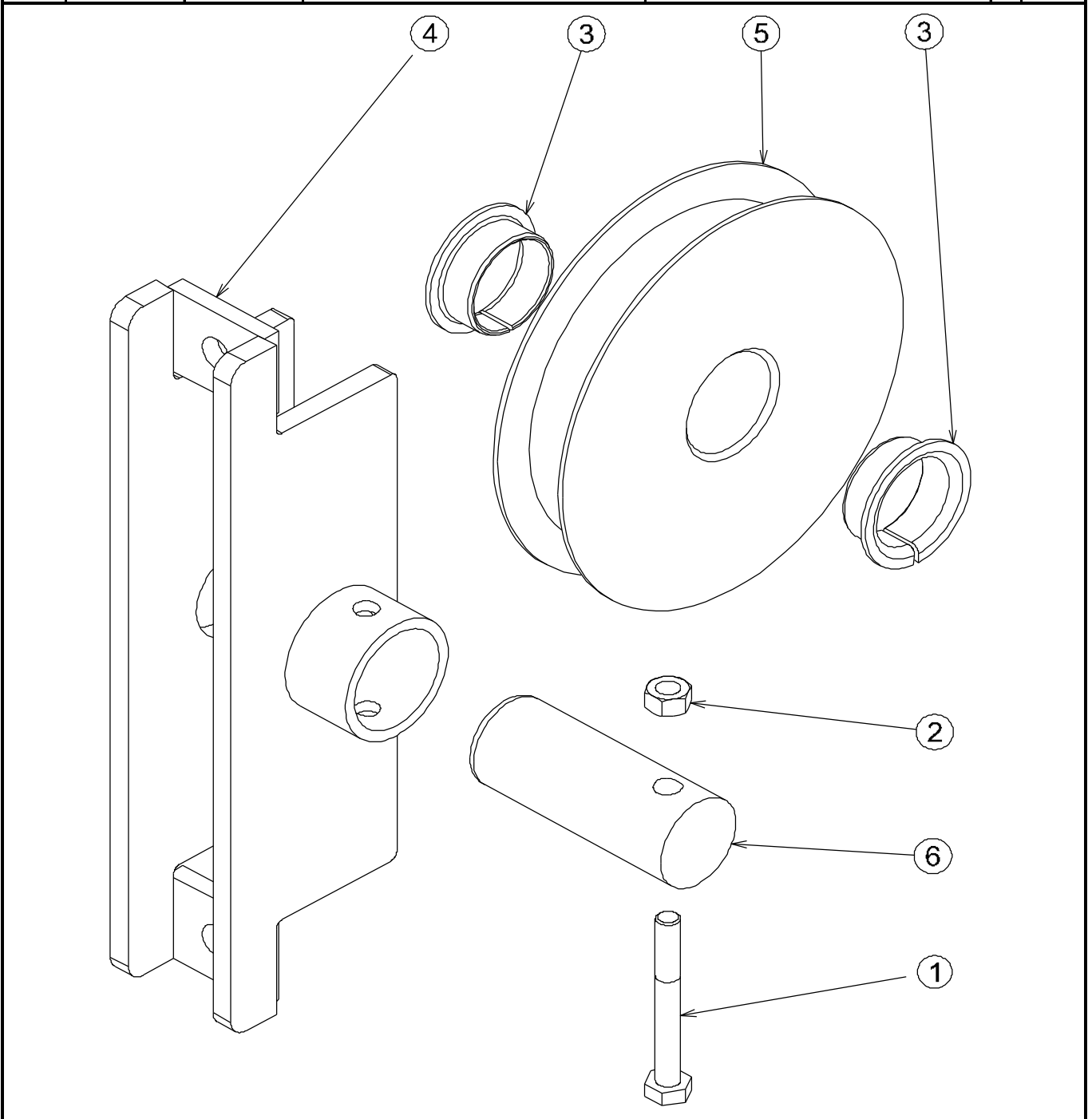
ISSUE REL :

ASSEMBLAGE SUPPORT POULIE

ASSY NO : SP0449 REV : B

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	100013		M06x50 8.8 HEX HEAD CAPSCREW	VIS H M06x50 8.8 BI FP		1
2	110003		M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		1
3	150011		FLANGE BUSHING Ø25 H11.5 DU	BAGUE EPAULEE Ø25 H11.5 DU	A	2
4	SD0453		PULLEY MOUNT	SUPPORT POULIE		1
5	US0475		LITTLE PULLEY	PETITE POULIE	B	1
6	US0377		PULLEY PIN	AXE DE SUPPORT POULIE		1



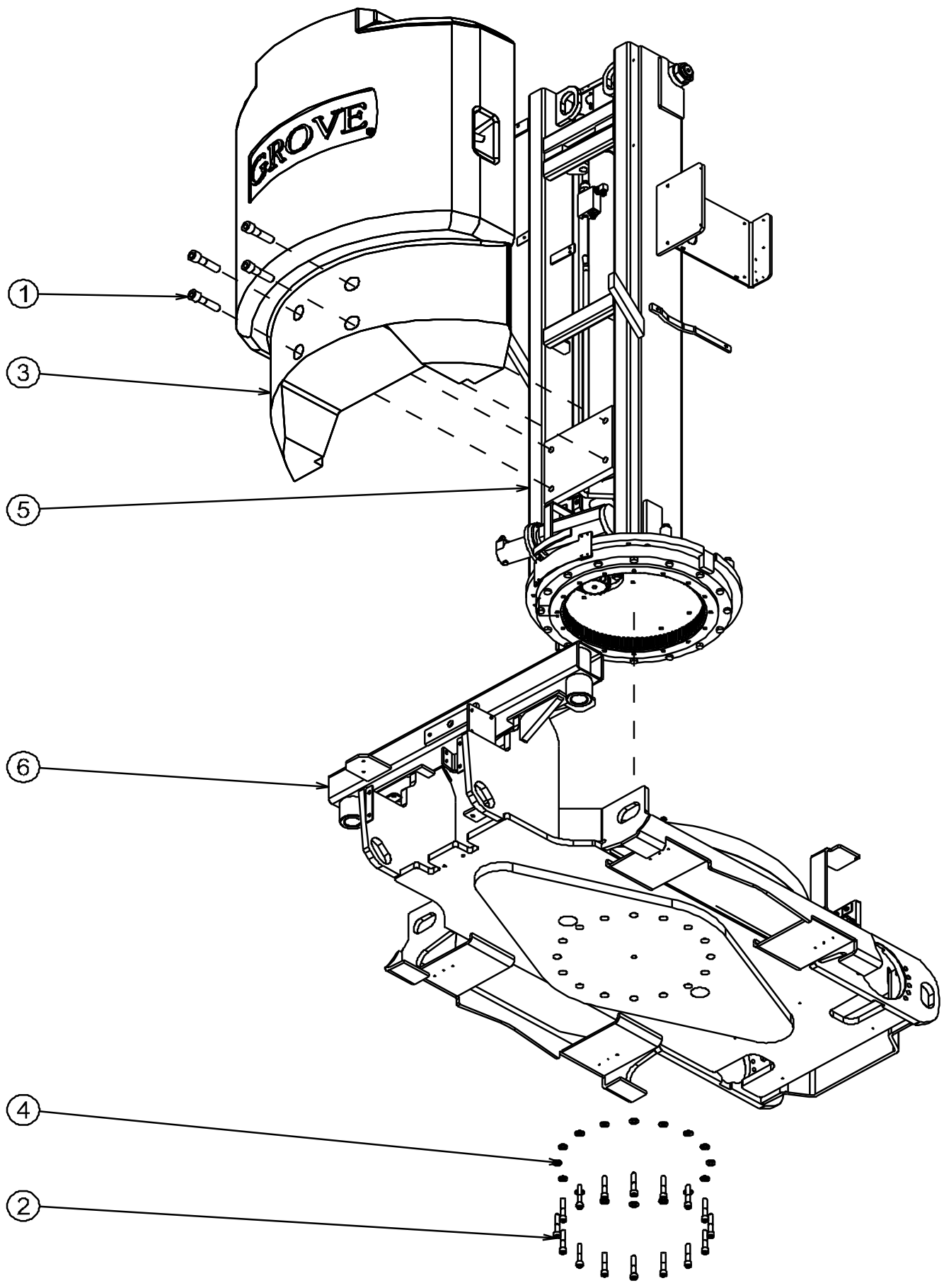
SPARE PARTS ***PIECES DETACHEES***

SECTION 5

**COUNTERWEIGHT / MAST 1 / FRAME INSTALL
INSTALLATION CONTREPOIDS / MAT 1 / CHASSIS**



COUNTERWEIGHT / MAST 1 / FRAME ASSEMBLY ASSEMBLAGE CONTREPOIDS / MAT 1 / CHASSIS



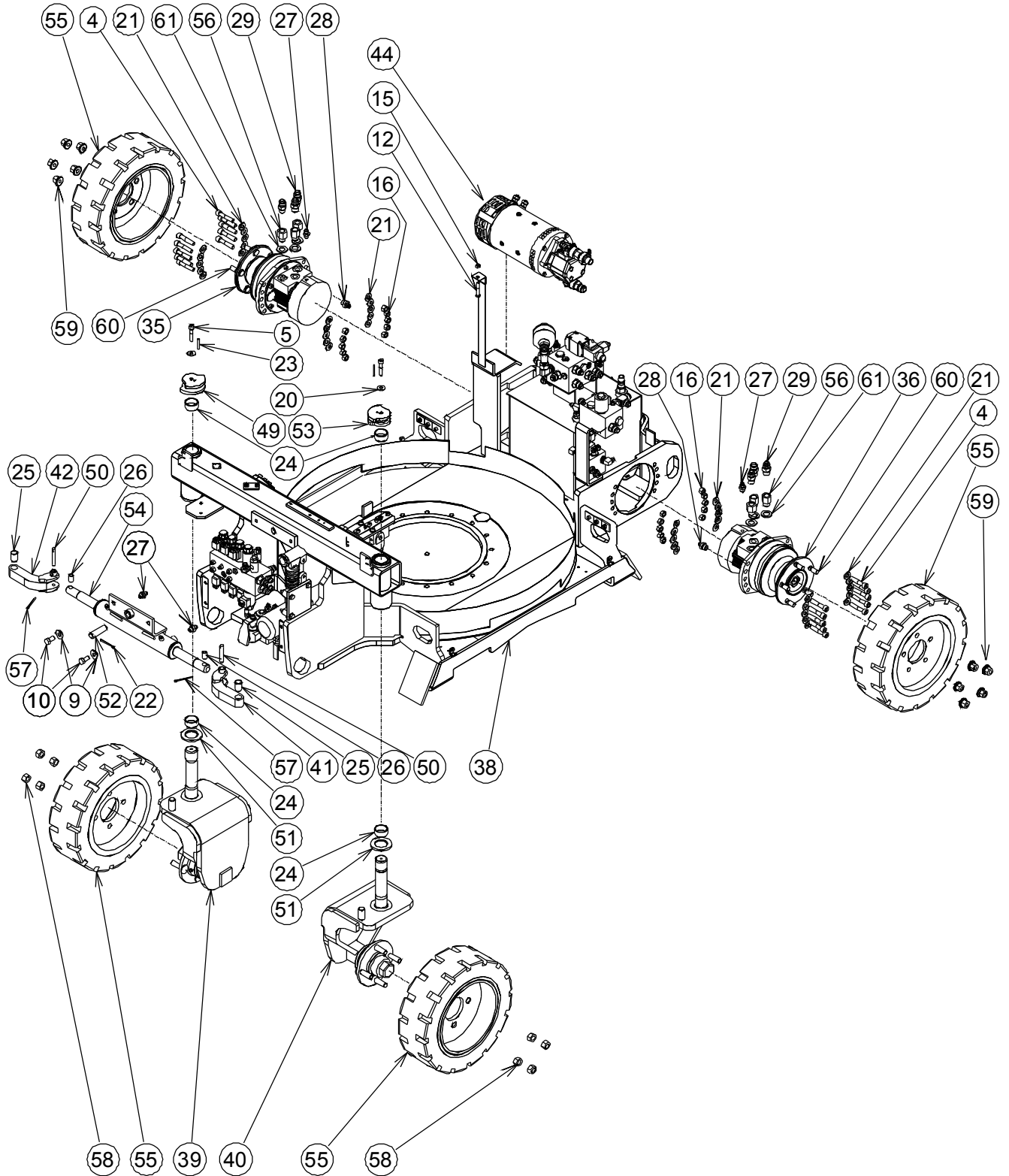
SPARE PARTS
PIECES DETACHEES

SECTION 6

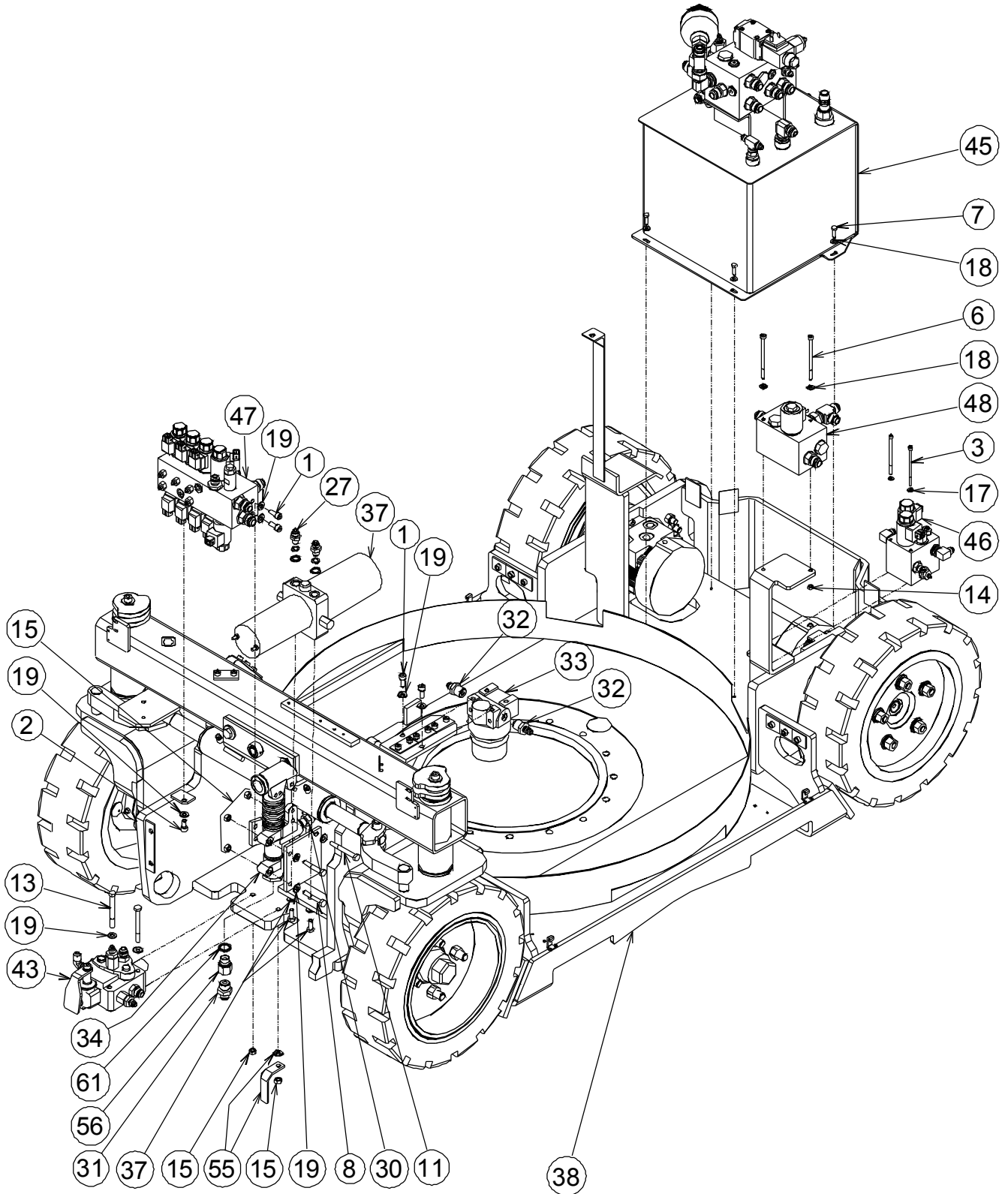
FRAME INSTALL
INSTALLATION CHASSIS



FRAME INSTALL INSTALLATION CHASSIS



FRAME INSTALL INSTALLATION CHASSIS



ISSUE DATE : 05/04/04

FRAME INSTALL

ISSUE REL :

INSTALLATION CHASSIS

ASSY NO : SP0511 REV : B

1/2

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	000006		M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT		4
2	000018		M08x16 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x16 8.8 BI FT		1
3	000072		M05x90 8.8 SOCKET HEAD CAPSCREW	VIS CHC M05x90 8.8 BI FP		2
4	000074		M12x60 10.9 SOCKET HEAD CAPSCREW	VIS CHC M12x60 10.9 BI FP		20
5	000075		M10x50 8.8 SOCKET HEAD CAPSCREW	VIS CHC M10x50 8.8 BI FP		2
6	000079		M06x100 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x100 8.8 BI FP		2
7	100005		M06x20 8.8 HEX HEAD MACHINE SCREW	VIS H M06x20 8.8 BI FT		4
8	100007		M08x50 8.8 HEX HEAD CAPSCREW	VIS H M08x50 8.8 BI FP		2
9	120015		dD 12x27 LOCK WASHER	RONDELLE CONTACT dD 12x27 BI	B	2
10	100021		M12x25 8.8 HEX HEAD MACHINE SCREW	VIS H M12x25 8.8 BI FT		2
11	100025		M08x70 8.8 HEX HEAD CAPSCREW	VIS H M08x70 8.8 BI FP		1
12	100050		M08x35 8.8 HEX HEAD CAPSCREW	VIS H M08x35 8.8 BI FP	A	1
13	100041		M08x80 8.8 HEX HEAD MACHINE SCREW	VIS H M08x80 8.8 BI FT		2
14	110003		M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		2
15	110004		M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		6
16	110033		M12 10.9 LOCK NUT	ECROU FREIN M12 10.9 BI		20
17	120002		M05 WASHER	RONDELLE M05 BI		2
18	120009		dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		6
19	120010		dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI	B	10
20	120011		dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		2
21	120051		dDh 12x20x2 WASHER	RONDELLE dDh 12x20x2 BI	B	42
22	140009		Ø4.5x50 COTTER PIN	GOUPILLE FENDUE Ø4.5x50		1
23	140021		Ø5x50 LOCK PIN	GOUPILLE ELASTIQUE Ø5x50		2
24	150009		BUSHING D40 H20	BAGUE D40 H20		4
25	150012		Ø20 H30 BUSHING	BAGUE Ø 20 H30		2
26	150015		BUSHING Ø12 H25 DU	BAGUE Ø12 H25 DU		2
27	300025		FITTING MALE BSPP1/4-MALE JIC9/16	RACCORD MALE BSPP1/4-MALE JIC9/16		6
28	300040		FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		2
29	300049		FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		6
30	300057		FITTING MALE BSPP 3/8 - MALE JIC 3/4	RACCORD MALE BSPP 3/8 - MALE JIC 3/4		1
31	300063		FITTING MALE BSPP1/2 MALE JIC3/4	RACCORD MALE BSPP1/2 MALE JIC3/4		1
32	300110		FITTING MALE M18x150-MALE JIC7/8	RACCORD MALE M18x150-MALE JIC3/4		2
33	310064	310064	COMPLETE PRESSURE FILTER	FILTRE DE PRESSION COMPLET		1
34	320007		HAND PUMP	POMPE A MAIN		1
35	320051		RIGHT DRIVE MOTOR MSE02 332/133	MOTEUR ROUE DROITE MSE02 332/133		1
36	320052		LEFT DRIVE MOTOR MSE02 332/133	MOTEUR ROUE GAUCHE MSE02 332/133		1
37		APPENDIX E	STEERING UNIT INSTALL	INSTALLATION CENTRALE DE DIRECTION	B	1

ISSUE DATE : 05/04/04

FRAME INSTALL

ISSUE REL :

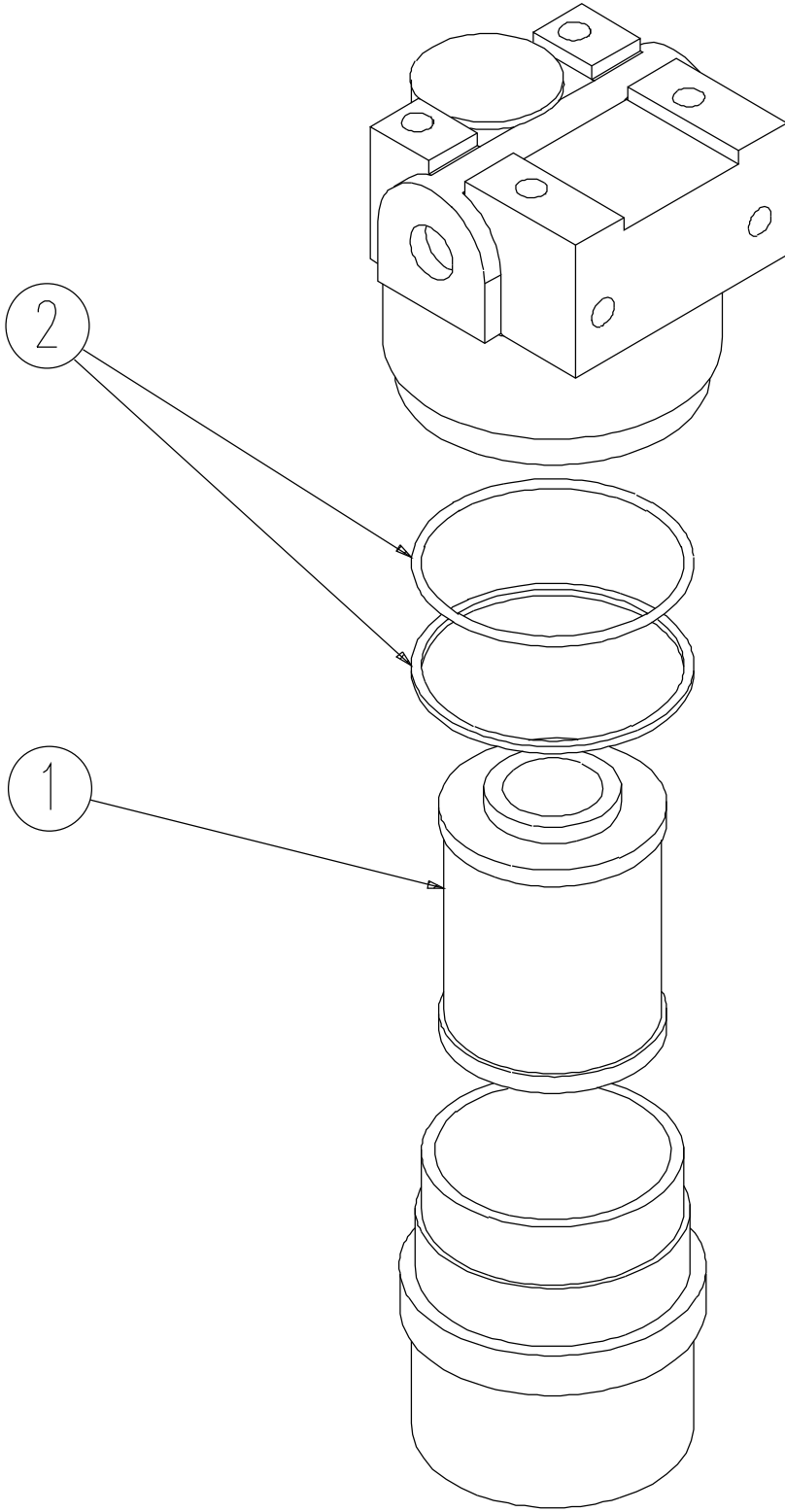
INSTALLATION CHASSIS

ASSY NO : SP0511 REV : B

2/2

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
38	DL0527		FRAME WELDMENT	STUCTURE DU CHASSIS		1
39	DL0477		RIGHT STEER KNUCKLE WELDMENT	EQUERRE DE DIRECTION DROITE		1
40	DL0478		LEFT STEER KNUCKLE WELDMENT	EQUERRE DE DIRECTION GAUCHE		1
41	SD0032		RIGHT STEERING ARM	BIELETTE DROITE DE DIRECTION		1
42	SD0035		LEFT STEERING ARM	BIELETTE GAUCHE DE DIRECTION		1
43		SP0439	RELEASE VALVE ASSEMBLY	ASSEMBL. DISTRIBUTEUR DEBRAYAGE		1
44		SP0825	POWER UNIT ASSEMBLY	ASSEMBLAGE CENTRALE	A	1
45		SP0441	RESERVOIR ASSEMBLY	ASSEMBLAGE RESERVOIR		1
46		SP0442	BRAKE MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC FREINAGE		1
47		SP0510	FUNCTIONS VALVE ASSEMBLY	ASSEMB. DISTRIBUTEUR MOUVEMENTS		1
48		SP0475	DIFFLOCK MANIFOLD ASSEMBLY	ASSEMBLAGE BLOC DIFFERENTIEL		1
49	SD0484		RIGHT STEER CAM	CAME DE DIRECTION DROITE		1
50	US0013		STEER CYLINDER PIN	AXE VERIN DE DIRECTION		2
51	US0108		THRUST WASHER	RONDELLE D'USURE		2
52	US0464		STEERING CYLINDER PIN	AXE VERIN DE DIRECTION	A	1
53	SD0499		LEFT STEER CAM	CAME DE DIRECTION GAUCHE		1
54		APPENDIX A	CYLINDERS	VERINS		
55		APPENDIX B	WHEELS INSTALL	INSTALLATION DES ROUES		
56	300133		FITTING MALE/FEMALE BSPP1/2	RACCORD MALE/FEMELLE BSPP1/2	B	7
57	140001		COTTER PIN Ø4.5x40	GOUPILLE FENDUE Ø4.5x40		2
58	920026		M16x150 HEX NUT	ECROU H M16x150		8
59	932017		5 NUTS KIT (included in motor item)	JEU DE 5 ECROUS (inclus dans ref moteur)		2
60	932018		5 STUDS KIT (included in motor item)	JEU DE 5 GOUJONS (inclus dans ref moteur)		2
61	300134		SEAL	JOINT	B	7

PRESSURE FILTER FILTRE PRESSION



ISSUE DATE : 16/09/04

RELEASE VALVE ASSEMBLY

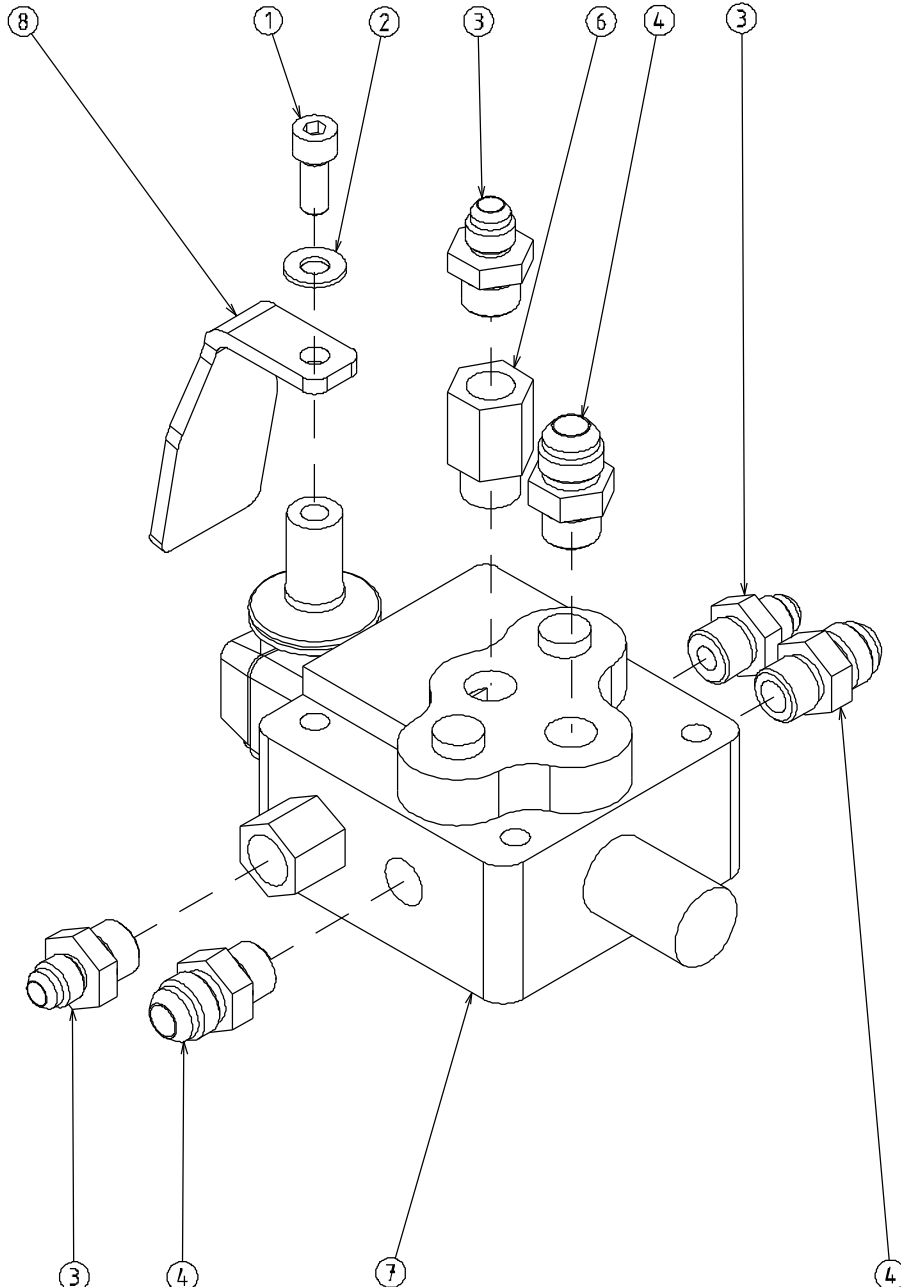
ISSUE REL :

ASSY NO : SP0439 REV : B

ASSEMBL. DISTRIBUTEUR DEBRAYAGE

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	000006		M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT		1
2	120010		dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		1
3	300040		FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		3
4	300057		FITTING MALE BSPP 3/8 - MALE JIC 3/4	RACCORD MALE BSPP 3/8 - MALE JIC 3/4		3
5			NOT REQUIRED	NON REQUIS	A	
6	310068		Ø3.2 JET	GICLEUR Ø3.2		1
7	320062		RELEASE VALVE	DISTRIBUTEUR DE DEBRAYAGE	B	1
8	SD0446		HAND LEVER	LEVIER		1



ISSUE DATE : 06/11/03

POWER UNIT ASSEMBLY

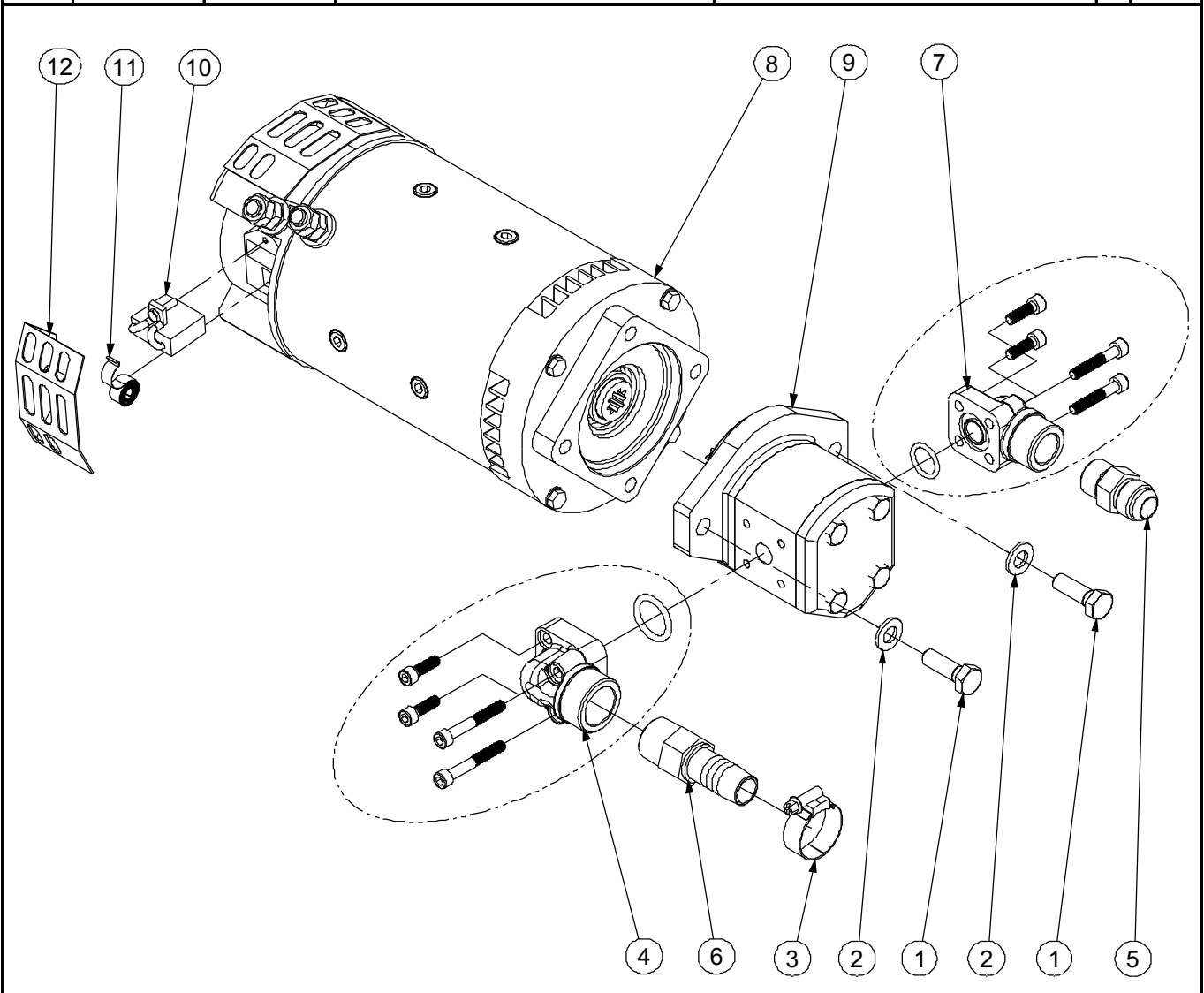
ISSUE REL :

ASSEMBLAGE CENTRALE

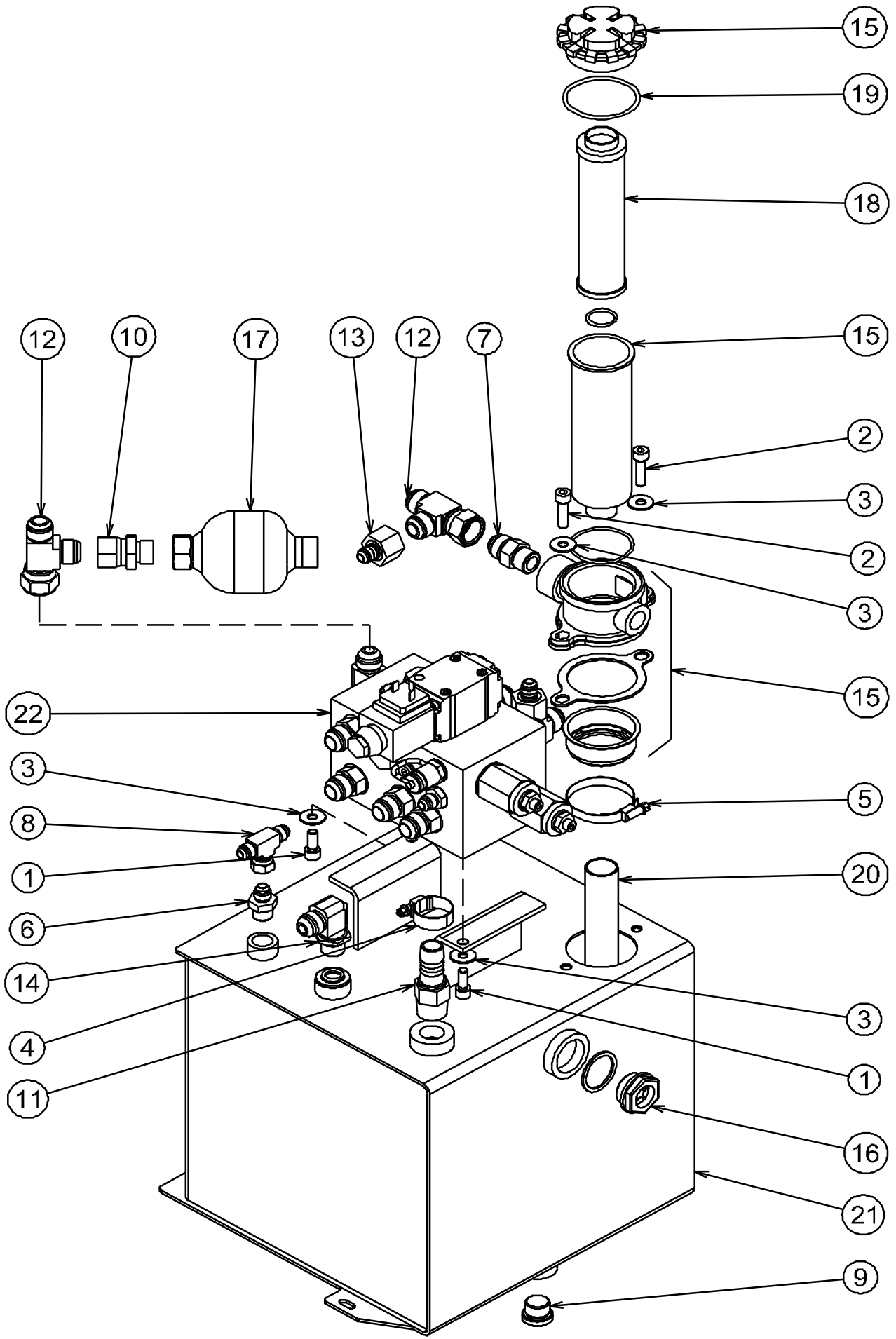
ASSEMBLY N° : SP0825 REV :
 N° ENSEMBLE :

1/1

DET REP	PART NUMBER REF.	SEE VIEW VOIR VUE	DESCRIPTION		R E V	QTY QTE
1	100009		M10x30 8.8 HEX HEAD MACHINE SCREW	VIS H M10x30 8.8 BI FT		2
2	120011		dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		2
3	190003		CLAMP	COLLIER		1
4	300046		PUMP FLANGE Ø40 BSPP 3/4	BRIDE POMPE Ø40 BSPP 3/4		1
5	300049		FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		1
6	300078		FITTING Male BSPP3/4-Male Ø19 GROOVE	RACCORD Male BSPP3/4-Ø19 CANNELE		1
7	300109		PUMP FLANGE Ø35 BSPP 1/2	BRIDE POMPE Ø35 BSPP 1/2		1
8	510070		POWER UNIT MOTOR	MOTEUR POUR CENTRALE		1
9	520093		5.2cc/rev PUMP	POMPE 5.2cm³/t		1
10	951015		BRUSH	BALAIS		4
11	951016		SPRING BRUSH	RESSORT DE BALAIS		4
12	951017		BRUSH COVER	CAPOT BALAIS		4



RESERVOIR ASSEMBLY ASSEMBLAGE RESERVOIR



ISSUE DATE : 14/03/00

RESERVOIR ASSEMBLY

ISSUE REL :

ASSEMBLAGE RESERVOIR

ASSY NO : SP0441 REV : A

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	000006		M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT		2
2	000044		M08x30 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x30 8.8 BI FT		2
3	120010		dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		4
4	190003		CLAMP	COLLIER		1
5	190041		CLAMP	COLLIER		1
6	300040		FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16		1
7	300049		FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		1
8	300055		BRANCH TEE MALE JIC 9/16 SWIVEL NUT	TE Male JIC9/16 TOURNANT CENTRAL	A	1
9	300060		PLUG BSPP 1/2	BOUCHON BSPP 1/2		1
10	300071		FITTING Male BSPP1/2-Fem SWIVEL JIC7/8	RACCORD M BSPP1/2-F JIC7/8 Ecrou Tour		1
11	300078		FITTING Male BSPP3/4-Male Ø19 GROOVE	RACCORD Male BSPP3/4-Ø19 CANNELE		1
12	300082		BRANCH TEE JIC7/8 LAT SWIVEL NUT	TE JIC 7/8 ECROU TOURNANT LATERAL	A	2
13	300083		REDUCTION	REDUCTION		1
14	300120		90° ELBOW MALE BSPP1/2-MALE JIC 3/4	COUDE MALE BSPP1/2-MALE JIC 3/4		1
15	310065		RETURN FILTER (including 930127&930129)	FILTRE RETOUR (inclus 930127&930129)		1
16	310067		OIL LEVEL INDICATOR	VOYANT DE NIVEAU		1
17	500031		ACCUMULATOR	ACCUMULATEUR		1
18	930127		OIL FILTER CARTRIDGE	CARTOUCHE DE FILTRE		1
19	930129		SEAL	JOINT		1
20	DF0614		Ø25.4x100 HOSE	DURITE Ø25.4x100		1
21	ST1776		RESERVOIR	RESERVOIR		1
22		SP0474	DRIVE MOTORS DISTRIB MANIFOLD ASS	ASS. BLOC DISTRIB MOTEURS DE ROUES	A	1

ISSUE DATE : 14/03/00

DRIVE MOTORS DISTRIB MANIFOLD ASSY

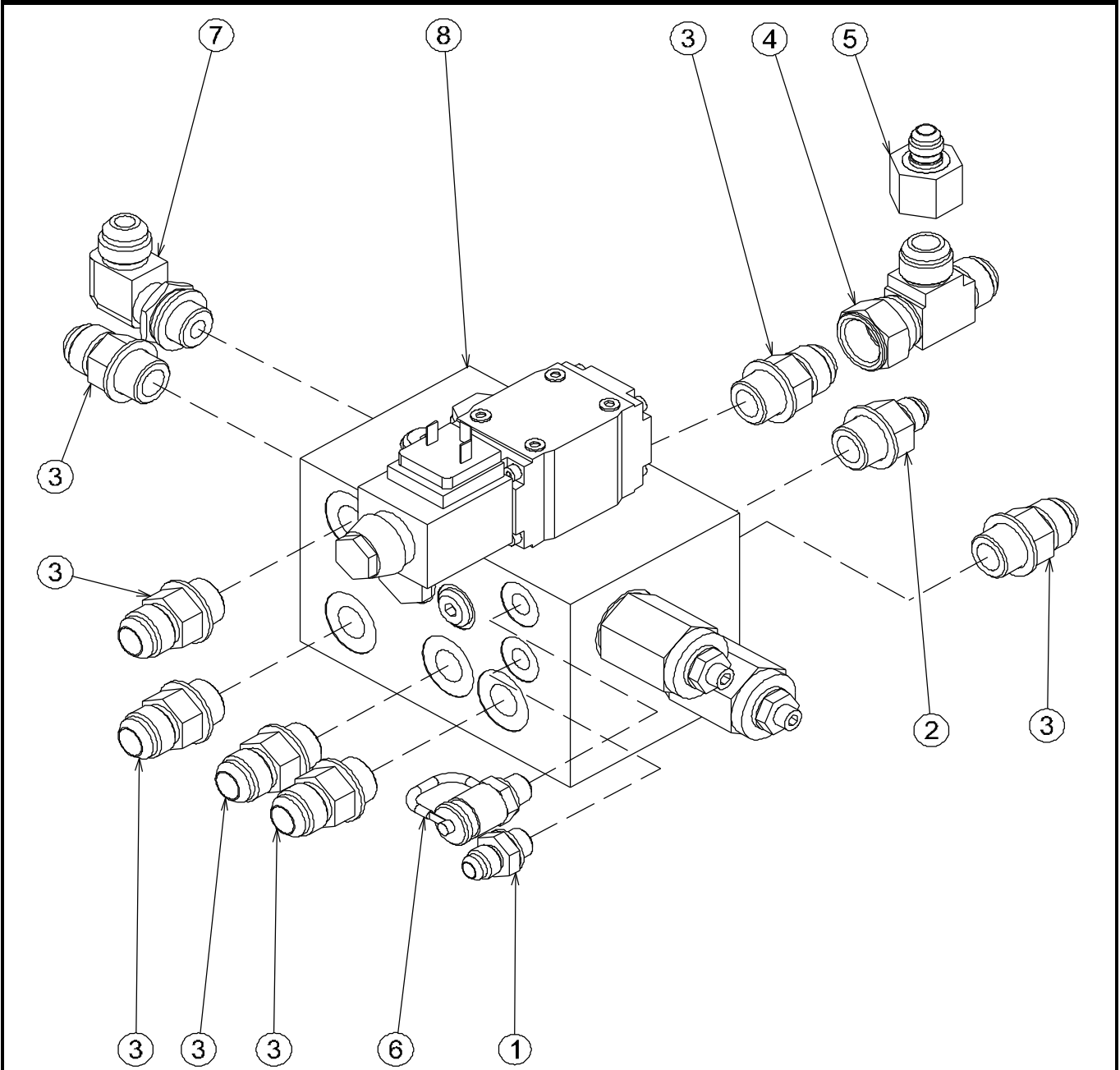
ISSUE REL :

ASSY NO : SP0474 REV :

ASS. BLOC DISTRIB MOTEURS DE ROUES

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	300025		FITTING MALE BSPP1/4-MALE JIC9/16	RACCORD MALE BSPP1/4-MALE JIC9/16		1
2	300044		FITTING MALE BSPP1/2-MALE JIC9/16	RACCORD MALE BSPP1/2-MALE JIC9/16		1
3	300049		FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		7
4	300082		BRANCH TEE JIC7/8 LAT SWIVEL NUT	TE JIC 7/8 ECROU TOURNANT LATERAL		1
5	300083		REDUCTION	REDUCTION		1
6	300101		PRESSURE TEST PLUG BSPP1/4	PRISE DE PRESSION BSPP1/4		1
7	300106		90° ELBOW MALE BSPP1/2 MALE JIC7/8	COUDE MALE BSPP1/2 MALE JIC7/8		1
8	520061	520061	DRIVE MOTORS DISTRIBUTION MANIFOLD	BLOC DISTRIBUTION MOTEURS DE ROUES		1



ISSUE DATE : 19/09/00

DRIVE MOTORS DISTRIBUTION MANIFOLD

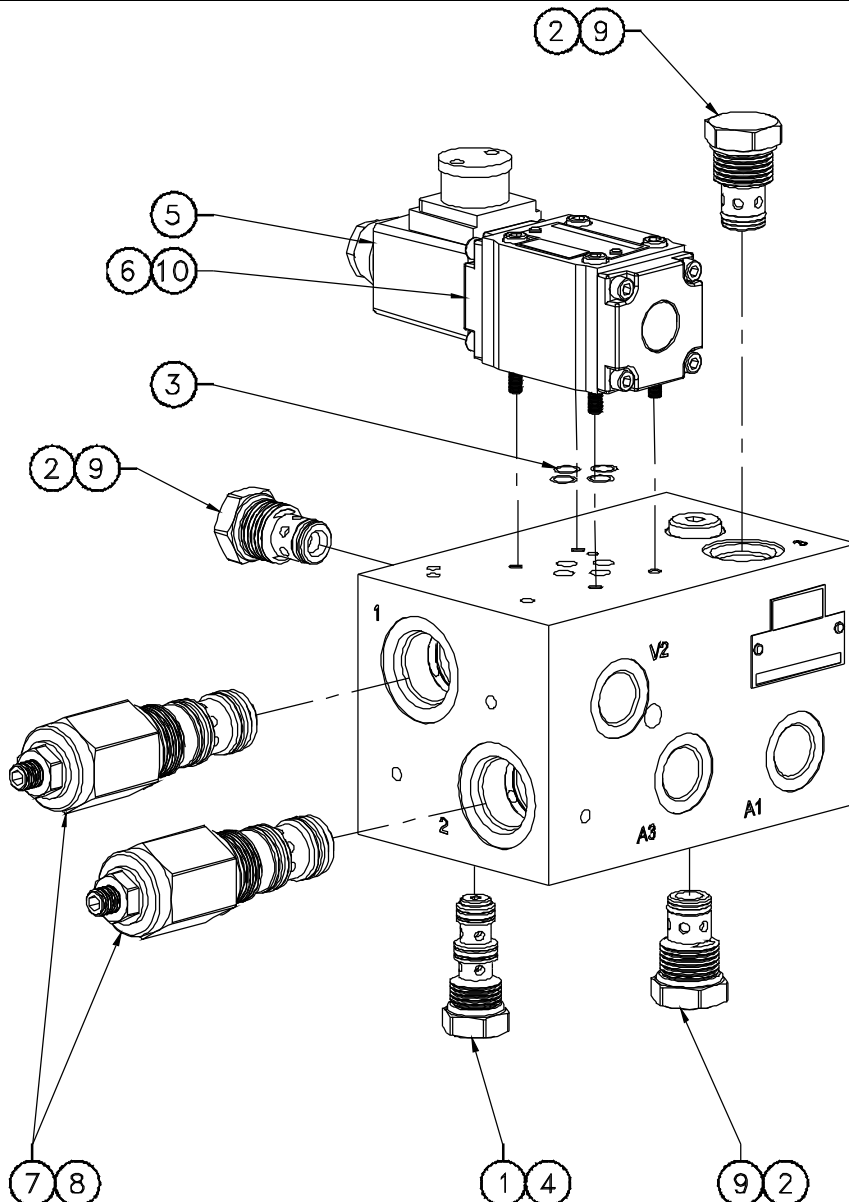
ISSUE REL :

ASSY NO : 520061 REV : A

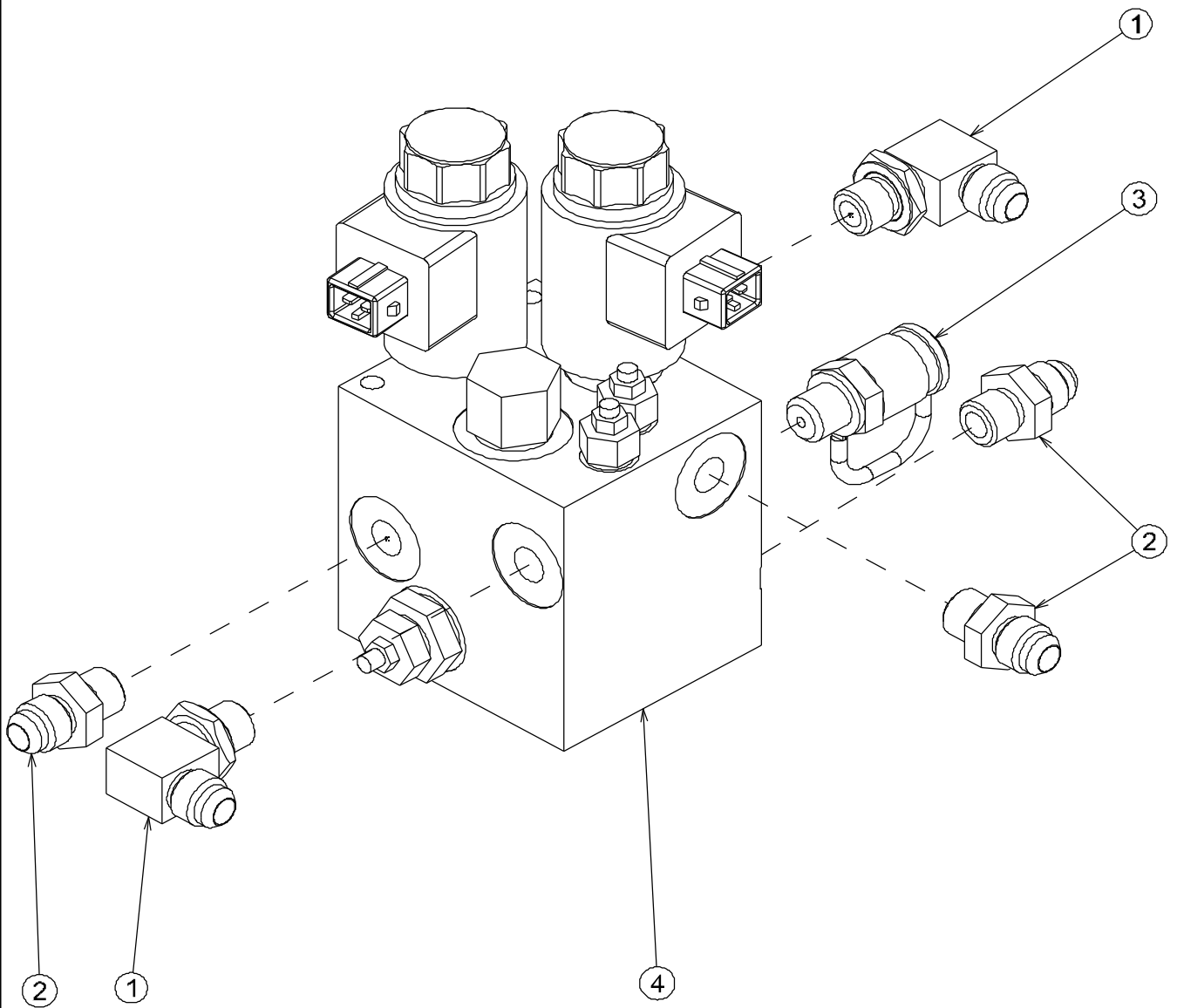
BLOC DISTRIBUTION MOTEURS DE ROUES

1/1

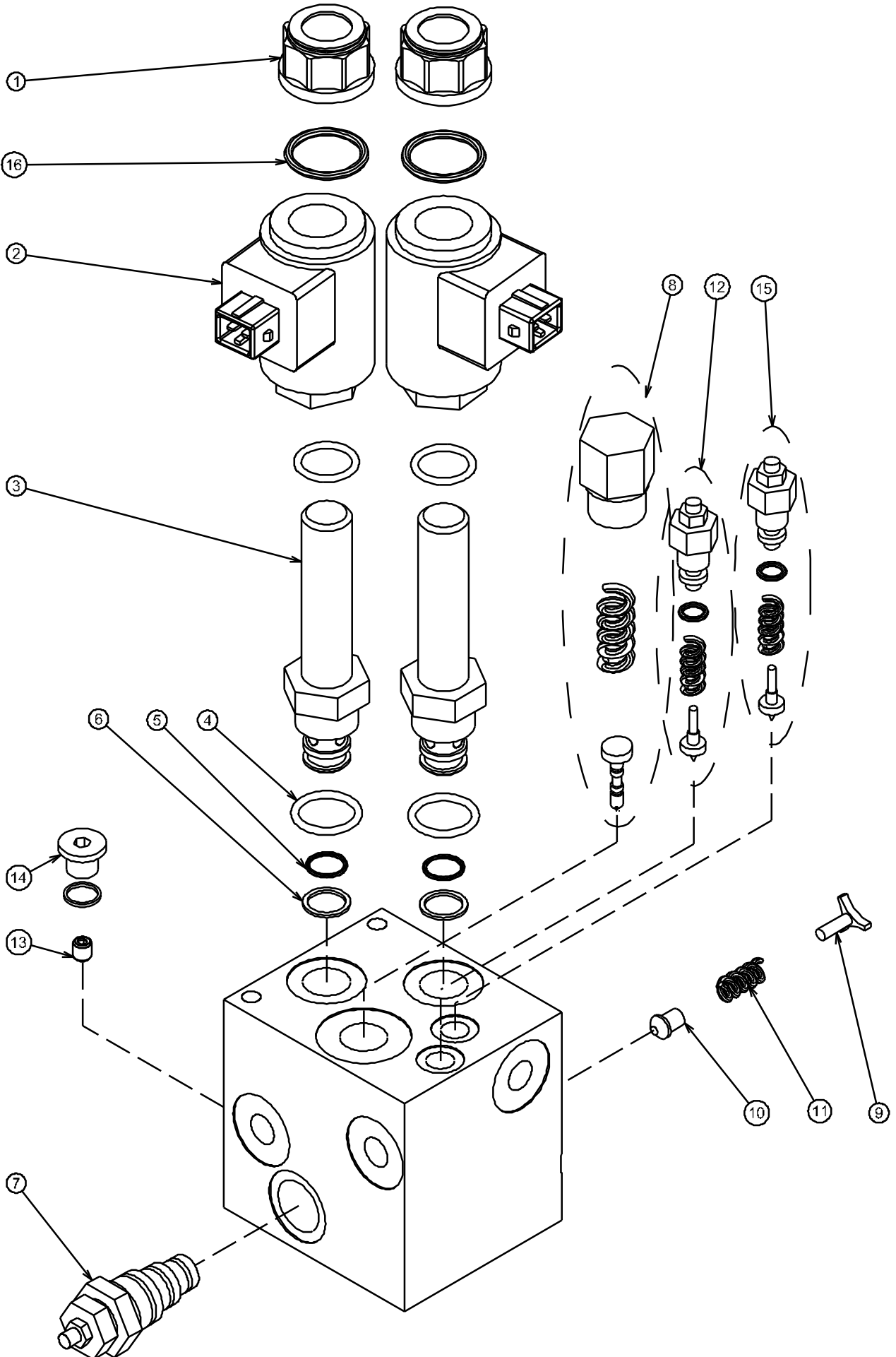
DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	900068		SHUTTLE VALVE	SELECTEUR DE CIRCUIT		1
2	900070		SEAL KIT	KIT DE JOINTS		3
3	900071		SEAL KIT	KIT DE JOINTS		1
4	900072		SEAL KIT	KIT DE JOINTS		1
5	952038		18V COIL	BOBINE 18V	A	1
6	920020		SEAL KIT	KIT DE JOINTS		1
7	952009		COUNTER BALANCE VALVE	VALVE D'EQUILIBRAGE		2
8	952010		COUNTER BALANCE VALVE SEAL KIT	JEU DE JOINT VALVE D'EQUILIBRAGE		2
9	952011		CHECK VALVE 0.5 BAR	CLAPET ANTI RETOUR 0.5 BAR		3
10	952012		VALVE	DISTRIBUTEUR		1



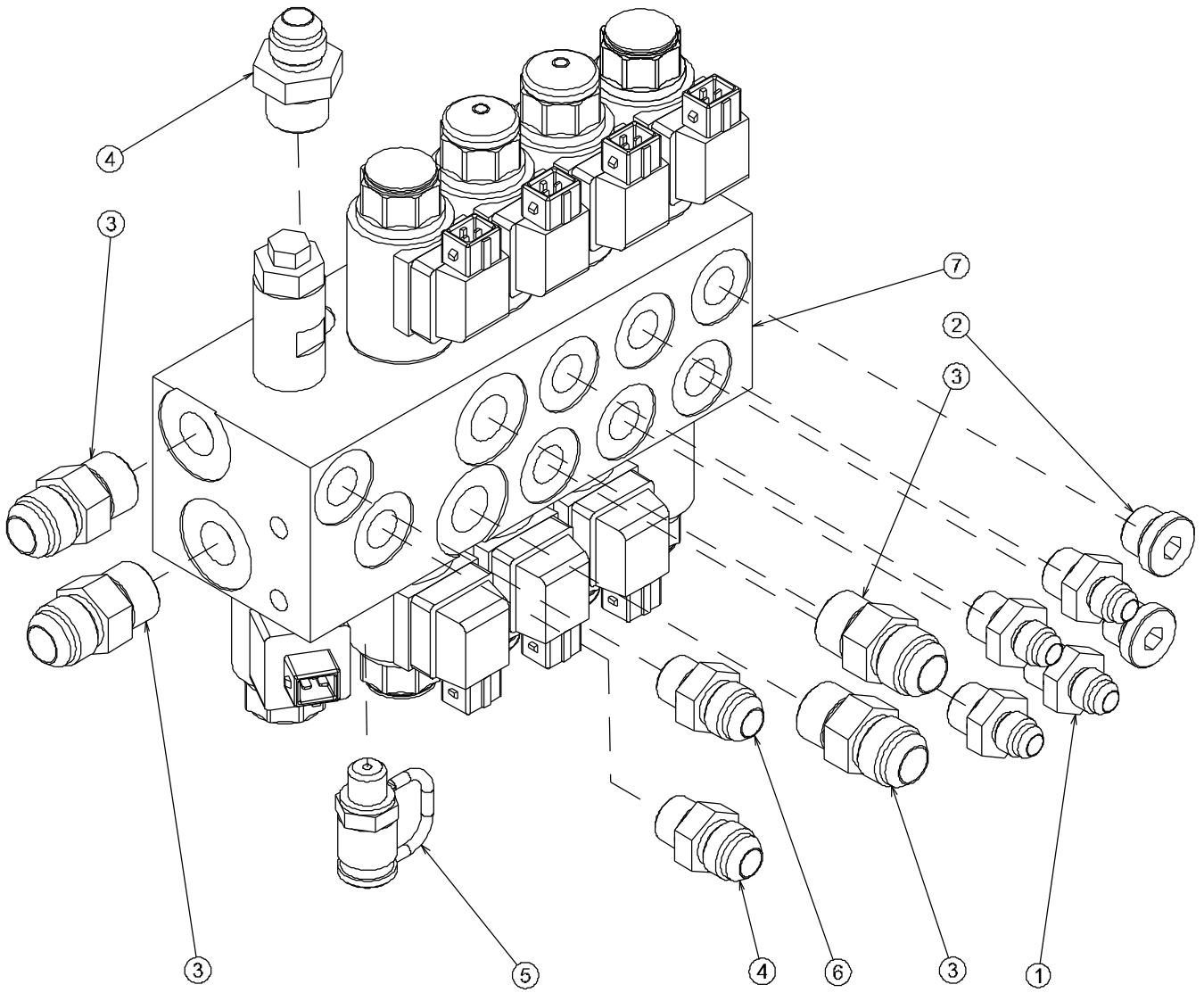
BRAKES MANIFOLD ASSEMBLY ASSEMBLAGE BLOC DE FREINAGE



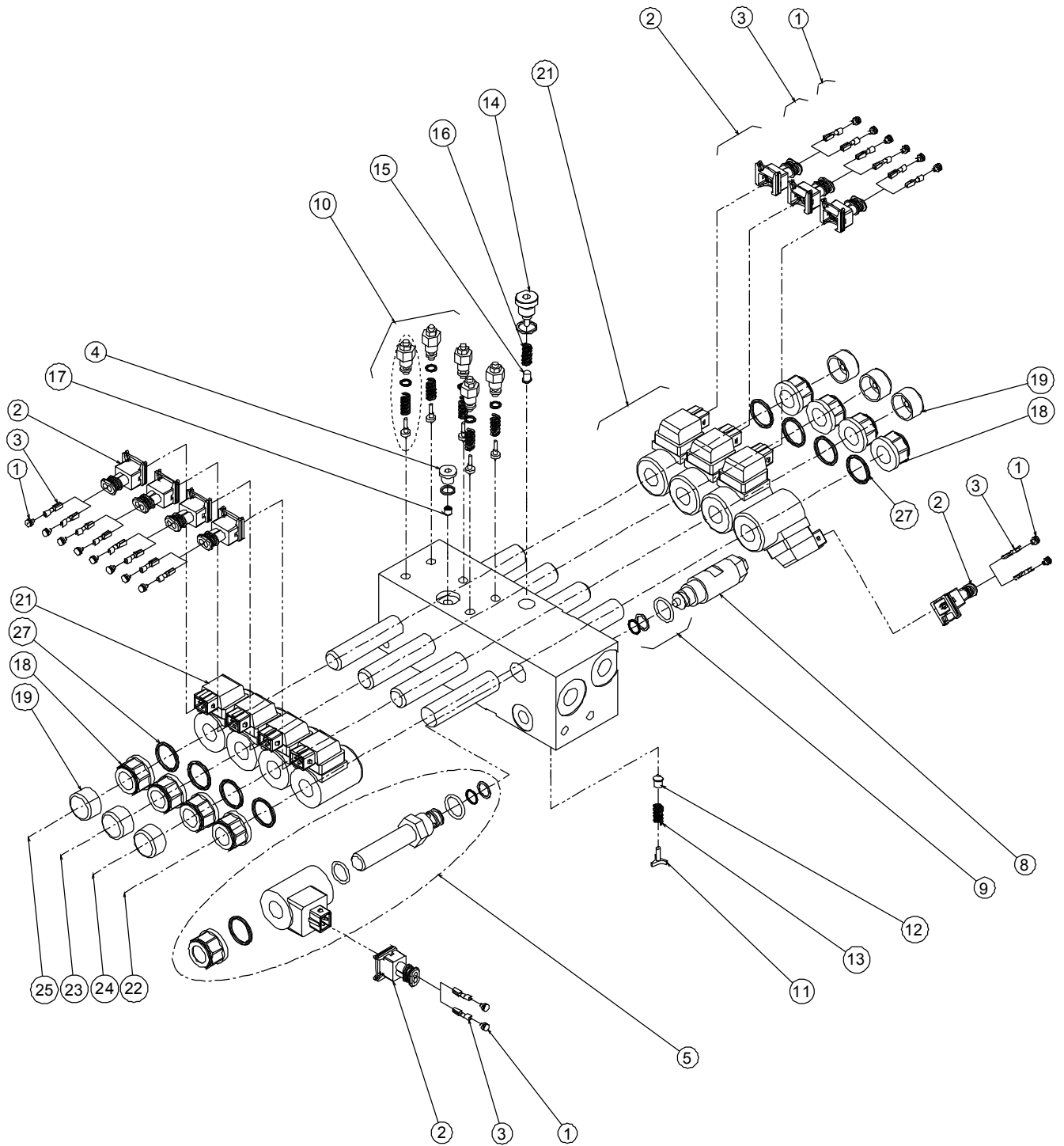
BRAKES MANIFOLD BLOC DE FREINAGE



FUNCTION VALVE ASSEMBLY ASSEMBLAGE DISTRIBUTEUR DE MOUVEMENTS



FUNCTION VALVE DISTRIBUTEUR DE MOUVEMENTS



ISSUE DATE : 14/03/00

DIFFLOCK MANIFOLD ASSEMBLY

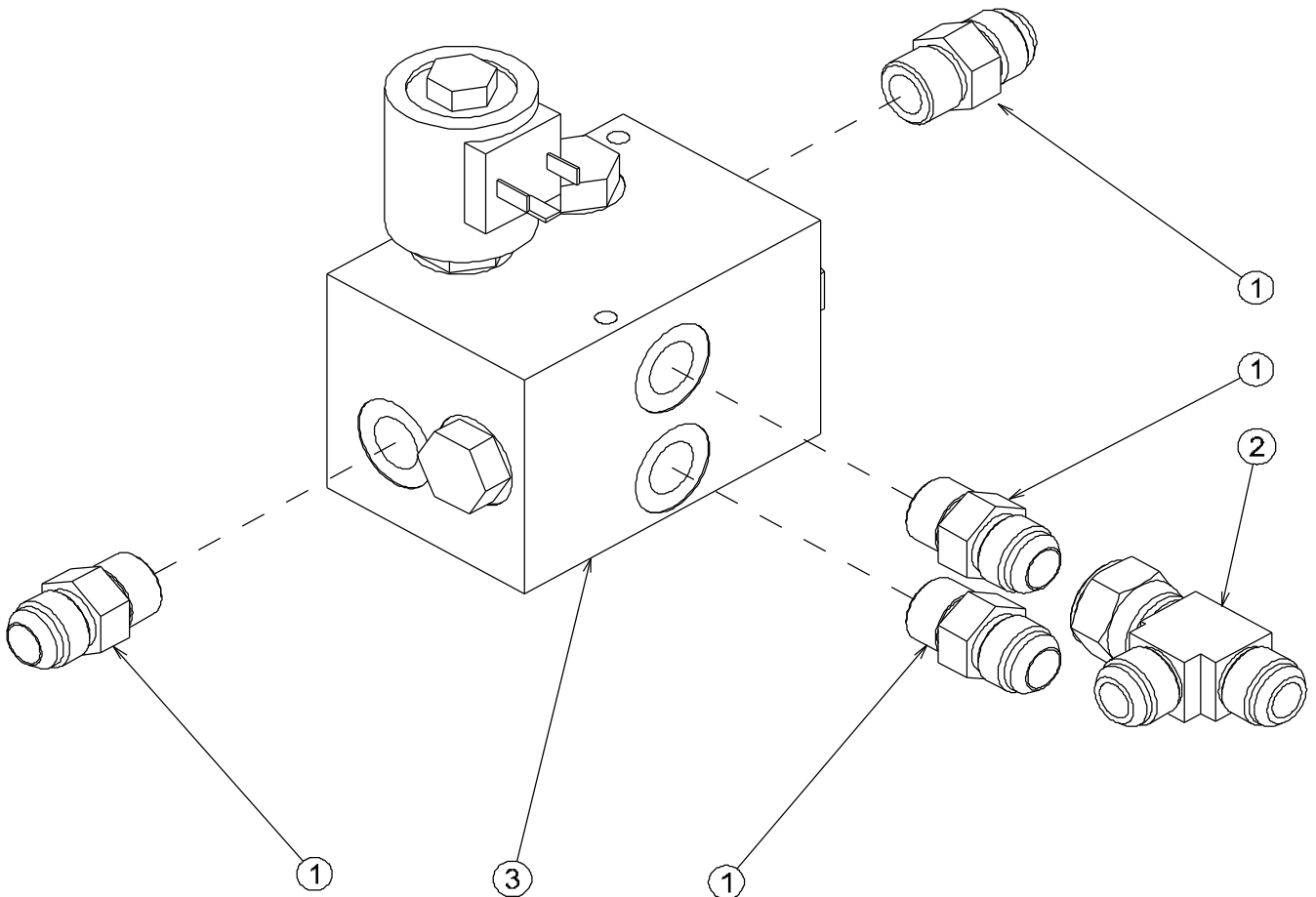
ISSUE REL :

ASSEMBLAGE BLOC DIFFERENTIEL

ASSY NO : SP0475 REV :

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	300049		FITTING MALE BSPP1/2 MALE JIC7/8	RACCORD MALE BSPP1/2 MALE JIC7/8		4
2	300082		BRANCH TEE JIC7/8 LAT SWIVEL NUT	TE JIC 7/8 ECROU TOURNANT LATERAL		1
3	520062	520062	DIFFLOCK MANIFOLD	BLOC DIFFERENTIEL		1



ISSUE DATE : 14/02/00

DIFFLOCK MANIFOLD

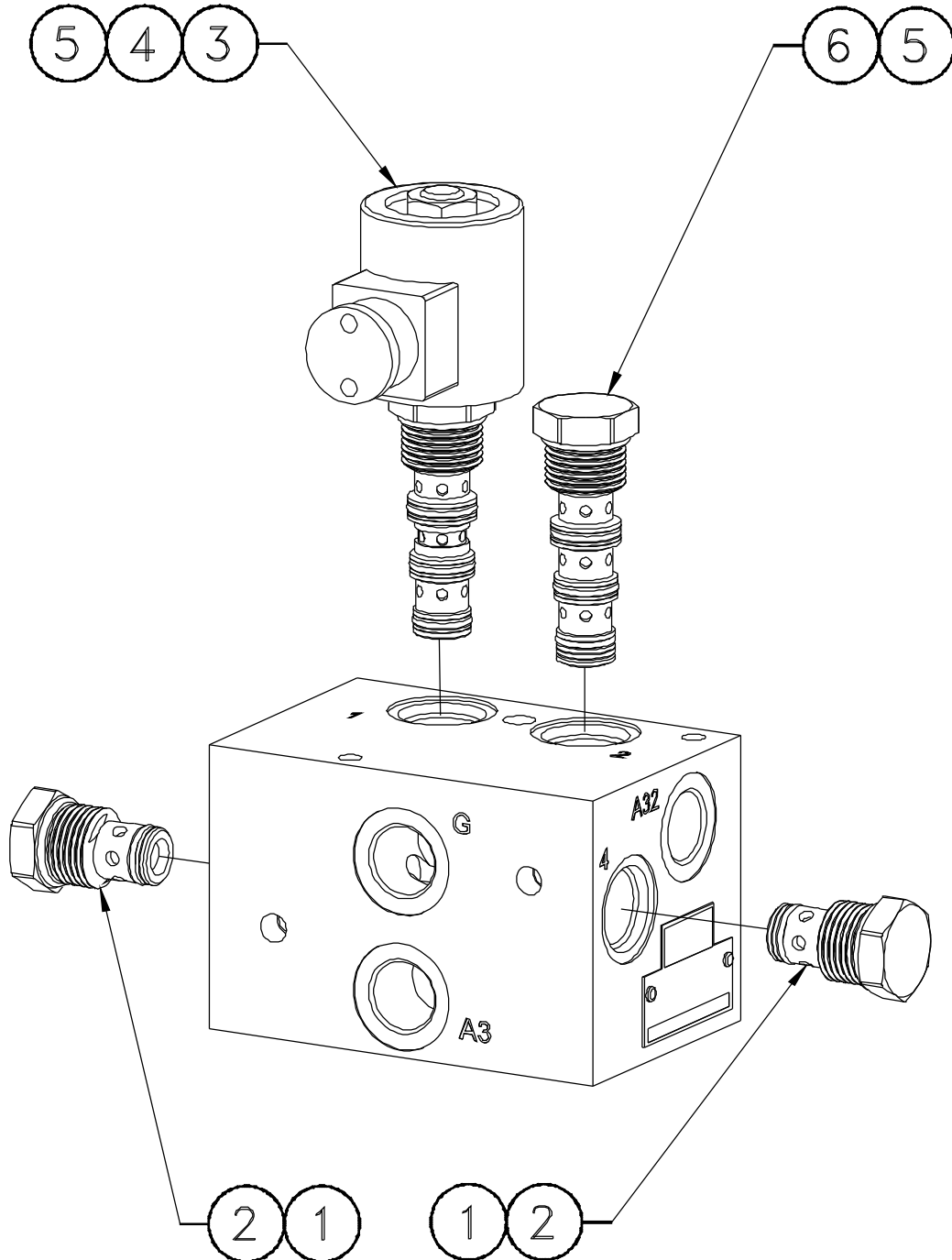
ISSUE REL :

BLOC DIFFERENTIEL

ASSY NO : 520062 REV :

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	900070		SEAL KIT	KIT DE JOINTS		2
2	952011		CHECK VALVE 0.5 BAR	CLAPET ANTI RETOUR 0.5 BAR		2
3	952013		BYPASS VALVE	ELECTROVALVE BYPASS		1
4	952014		COIL	BOBINE		1
5	952015		SEAL KIT	JEU DE JOINTS		2
6	952016		FLOW DIVIDER	DIVISEUR DE DEBIT		1



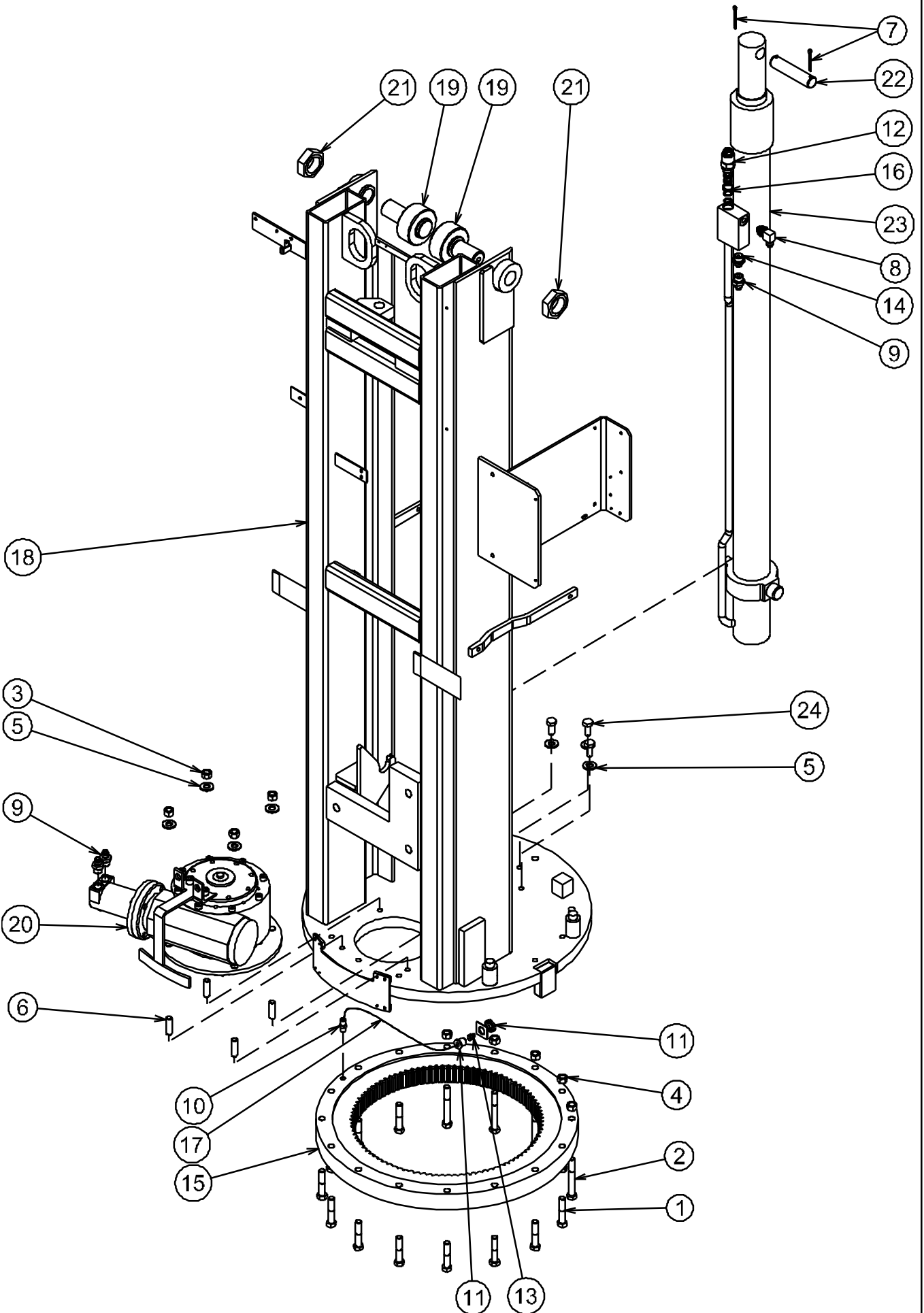
SPARE PARTS
PIECES DETACHEES

SECTION 7

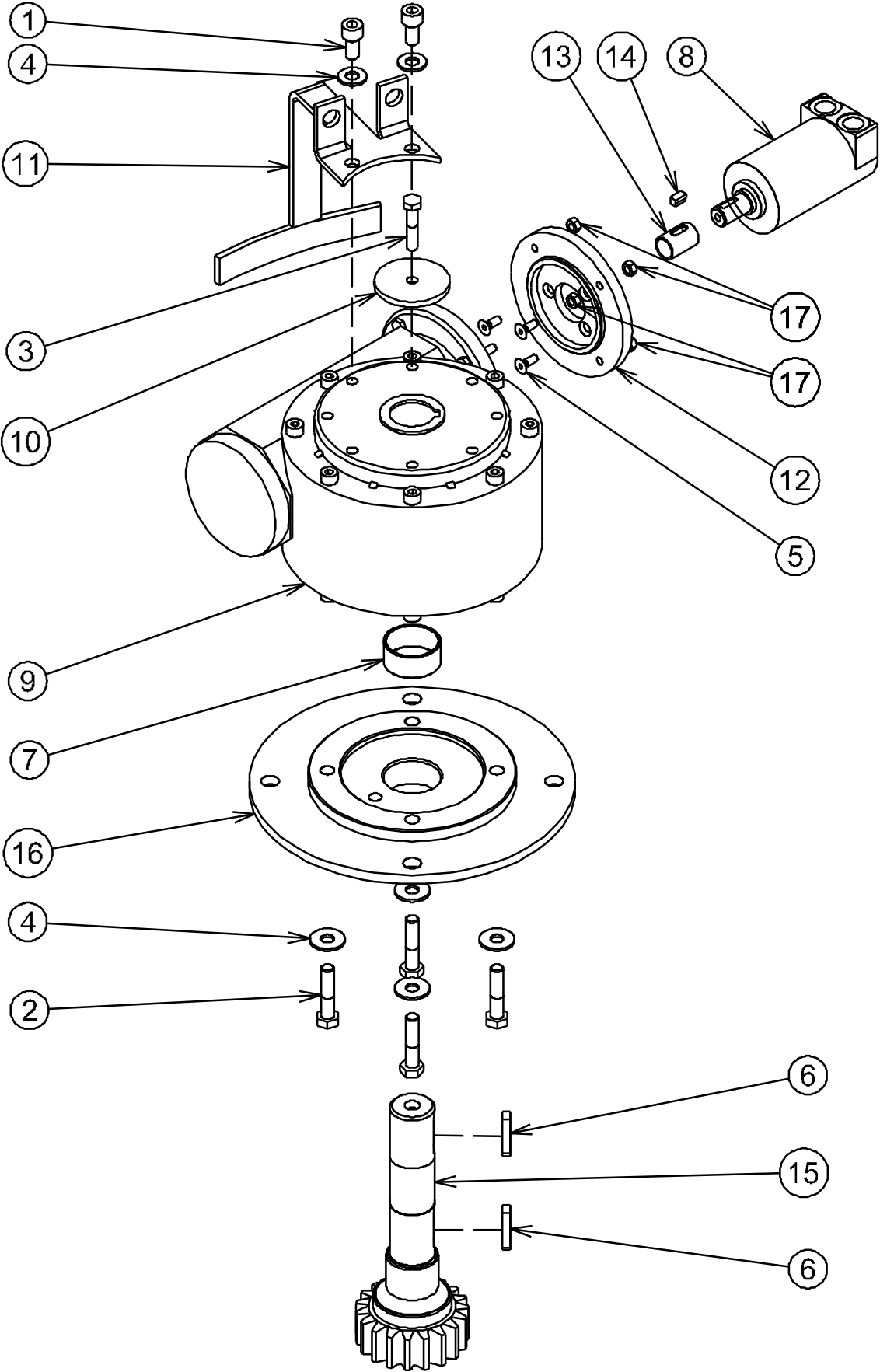
MAST 1 ASSEMBLY
ASSEMBLAGE MAT 1



MAST 1 ASSEMBLY ASSEMBLAGE MAT 1

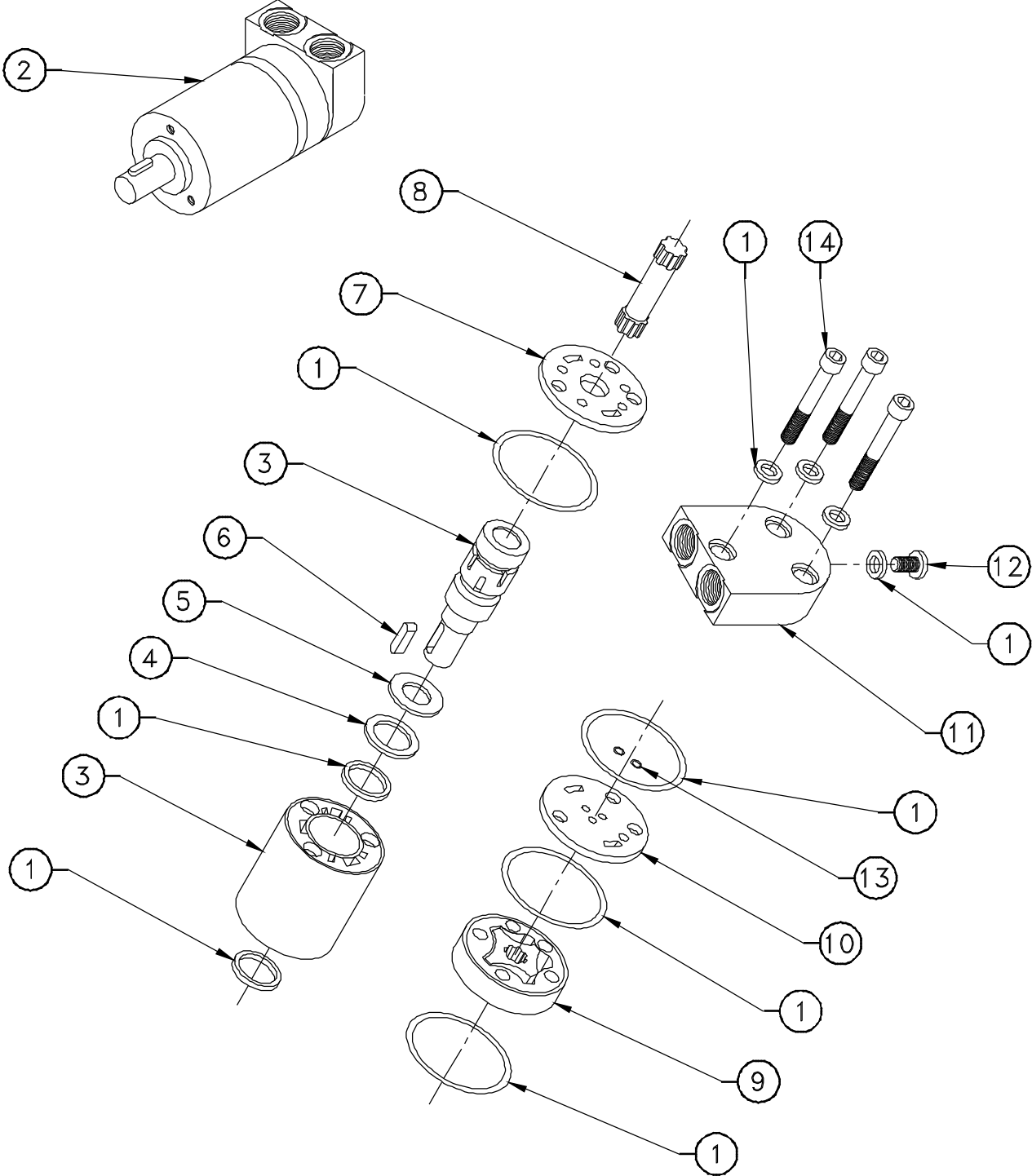


SWINGING GEAR BOX ASSEMBLY ASSEMBLAGE MOTO-REDUCTEUR



SWING MOTOR OMM32 ASSEMBLY

ASSEMBLAGE MOTEUR D'ORIENTATION OMM32



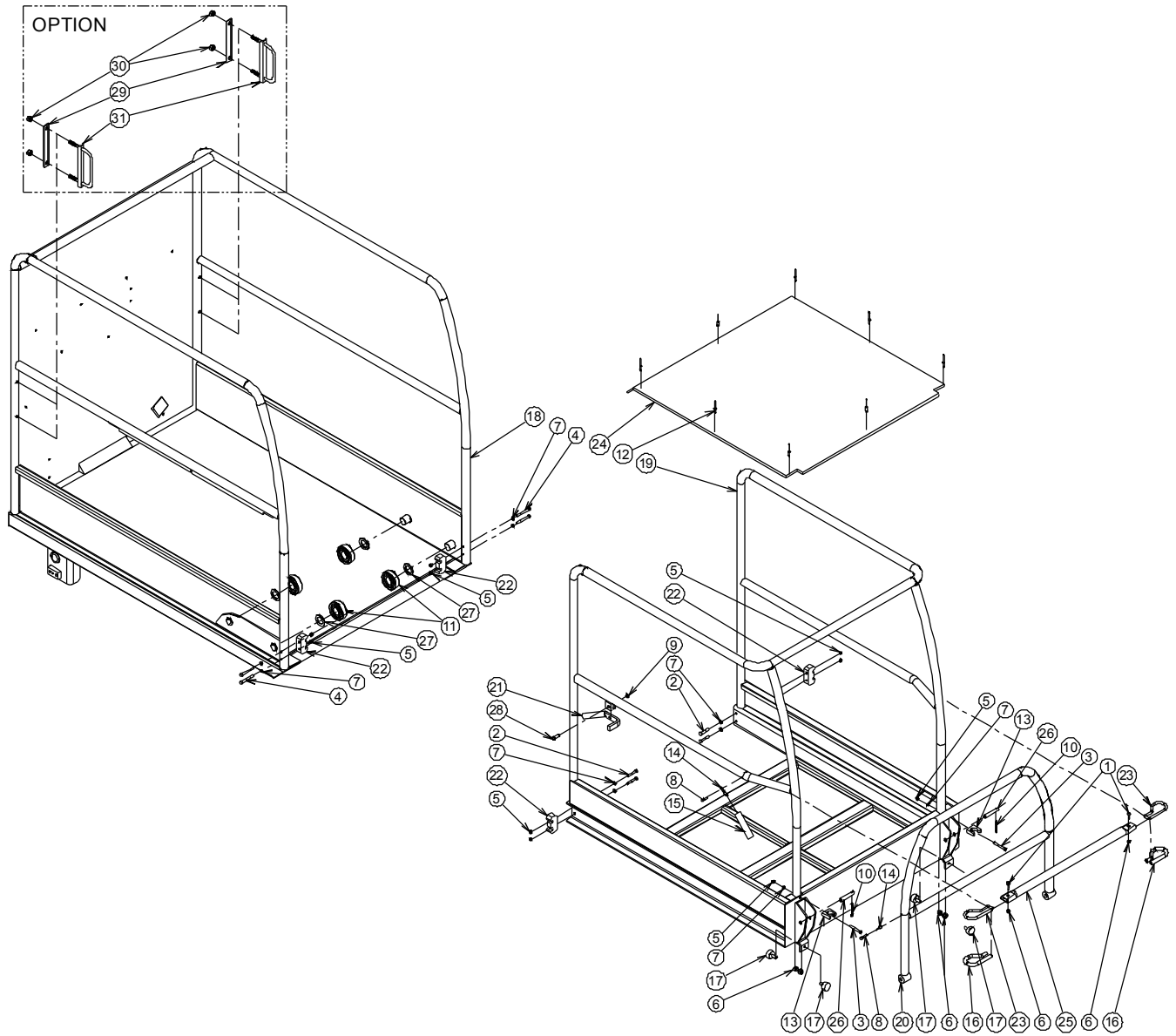
SPARE PARTS
PIECES DETACHEES

SECTION 8

EXTENSIBLE PLATFORM INSTALL
ASSEMBLAGE PANIER EXTENSIBLE



EXTENSIBLE PLATFORM ASSEMBLY ASSEMBLAGE PANIER EXTENSIBLE



ISSUE DATE : 02/10/00

EXTENSIBLE PLATFORM ASSEMBLY

ISSUE REL :

ASSEMBLAGE PANIER EXTENSIBLE

ASSY NO : SP0504 REV :

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	000006		M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT		2
2	000017		M06x40 8.8 SOCKET HEAD MACH SCREW	VIS CHC M06x40 8.8 BI FT		4
3	000026		M06x50 8.8 SOCKET HEAD CAPSCREW	VIS CHC M06x50 8.8 BI FP		2
4	100048		M06x60 8.8 HEX HEAD CAPSCREW	VIS H M06x60 8.8 BI FP		4
5	110003		M06 GR. 8.8 LOCK NUT	ECROU FREIN M6 8.8 BI		10
6	110004		M08 GR. 8.8 LOCK NUT	ECROU FREIN M8 8.8 BI		6
7	120009		dD 06x14 LOCK WASHER	RONDELLE CONTACT dD 06x14 BI		10
8	130009		SHEET METAL SCREW Ø6.5x16	VIS A TOLE Ø6.5x16		2
9	130028		RETAINING RING Ø9	CIRCLIPS EXTERIEUR Ø9		1
10	140001		COTTER PIN Ø4.5x40	GOUPILLE FENDUE Ø4.5x40		2
11	150018		BEARING 6306 2RSR	ROULEMENT 6306 2RSR		4
12	180001		Ø4.8x16 POP RIVET	RIVET POP Ø4.8x16		6
13	190028		Ø28 CLIP	CLIP Ø28		2
14	220011		CHAIN (quantity of links)	CHAINETTE (quantité de maillons)		34
15	280004		Black Heat Shrink Sleeve 12.7(qty in meter)	GAINE THERMO 12.7 Noire (qté en mètre)		0.8
16	280023		PROTECTION SLEEVE (quantity in meter)	GAINE DE PROTECTION (qté en mètre)		2x0.18
17	400015		ELASTIC STOP	BUTEE ELASTIQUE		4
18	DL0541		PLATFORM WELDMENT	STRUCTURE PANIER		1
19	DL0542		T910 EXTENSION	DEPORT T910		1
20	DL0544		STEP	MARCHE PIEDS		1
21	DL0545		LATCH	VERROU		1
22	ST0496		EXTENSION STOP	BUTEE DE DEPORT		4
23	ST0736		SLIDING GATE LOOP	ANNEAU PORTILLON		2
24	ST2095		EXTENSION FLOOR	PLANCHER DEPORT		1
25	ST2100		FLAP	PORTILLON		1
26	US0013		STEER CYLINDER PIN	AXE VERIN DE DIRECTION		2
27	US0025		WASHER	RONDELLE AXE DE GALET		4
28	US0284		CHAIN ANCHOR PIN	AXE DE CHAPE DE CHAINE		1
29	108FP023		LANYARD ATTACHMENT PLATE	PLAT DE CROCHET		1
30	110005		M10 GR. 8.8 LOCK NUT	ECROU FREIN M10 8.8 BI		2
31	ST0567		LANYARD ATTACHMENT	CROCHET DE SECURITE		1

CROSS REFERENCE CHART

	Pages	Main assembly Assemblage supérieur
520090	6-5-1	SP0442
310064	6-1	SP0551
320006	7-1-1	SP0538
520060	6-6-1	SP0510
520061	6-4-1-1	SP0474
520062	6-7-1	SP0475
PC0114	2-4	SP0501
PC0116	2-6	SP0501
PC0143	2-5	SP0501
PC0172	2-7	SP0501
RM0059	2-1-1	SP0469
SE0495	4-5-1	SP0450-542-543-544-514
SP0439	6-2	SP0511
SP0441	6-4	SP0511
SP0442	6-5	SP0511
SP0447	4-5-3	SP0450-542
SP0449	4-5-4	SP0543-544
SP0450	4-1	SP0503
SP0459	5	
SP0469	2-1	SP0501
SP0474	6-4-1	SP0441
SP0475	6-7	SP0511
SP0479	2-3	SP0501
SP0498	2-2	SP0501
SP0501	2	
SP0502	4-5	SP0503
SP0503	4	
SP0504	8	
SP0505	3	
SP0509	1	
SP0510	6-6	SP0511
SP0511	6	SP0459
SP0514	7	SP0459
SP0538	7-1	SP0514
SP0541	4-5-2	SP0502
SP0542	4-2	SP0503
SP0543	4-3	SP0503
SP0544	4-4	SP0503
SP0825	6-3	SP0511

SPARE PARTS
MANUEL DE PIECES DETACHEES

APPENDIX
ANNEXES

A- CYLINDERS
VERINS

B- TIRE AND WHEEL INSTALL
INSTALLATION DES ROUES

C- BATTERY AND CHARGER INSTALL
INSTALLATION BATTERIES ET CHARGEUR

D- DECALS INSTALL
INSTALLATION AUTOCOLLANTS

E- STEERING UNIT INSTALL
INSTALLATION CENTRALE DE DIRECTION

SPARE PARTS
MANUEL DE PIECES DETACHEES

SECTION A

CYLINDERS
VERINS

DATE : 16/06/00

MASTS CYLINDERS

MONTAGE N°/

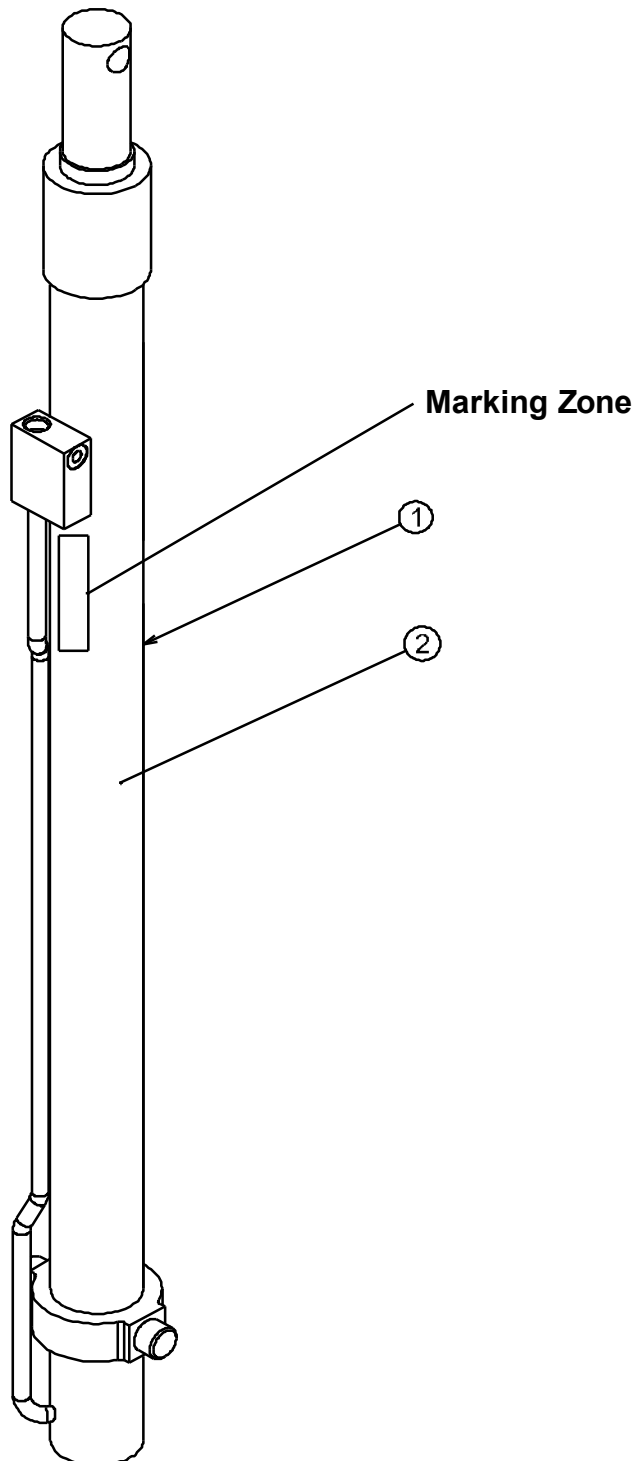
VERINS DE MATS

ASSY NO : RM0056 REV :

1/1

**To order check mark on marking zone and indicate machine serial number.
Pour commander vérifier la marque sur la zone de marquage et indiquer le numéro de série de la machine.**

MARK MARQUE	DET. NO. 1	CYLINDERS PART NUMBER REFERENCE VERINS	DET. NO. 2	SEALS KIT ITEM REFERENCE KIT DE JOINTS	REV
V99/15 ST1874		ST1874		910041	
V99/15 ST1959		ST1959			



A

RM0056

A

DATE : 19/09/00

STEER CYLINDERS

MONTAGE N°/

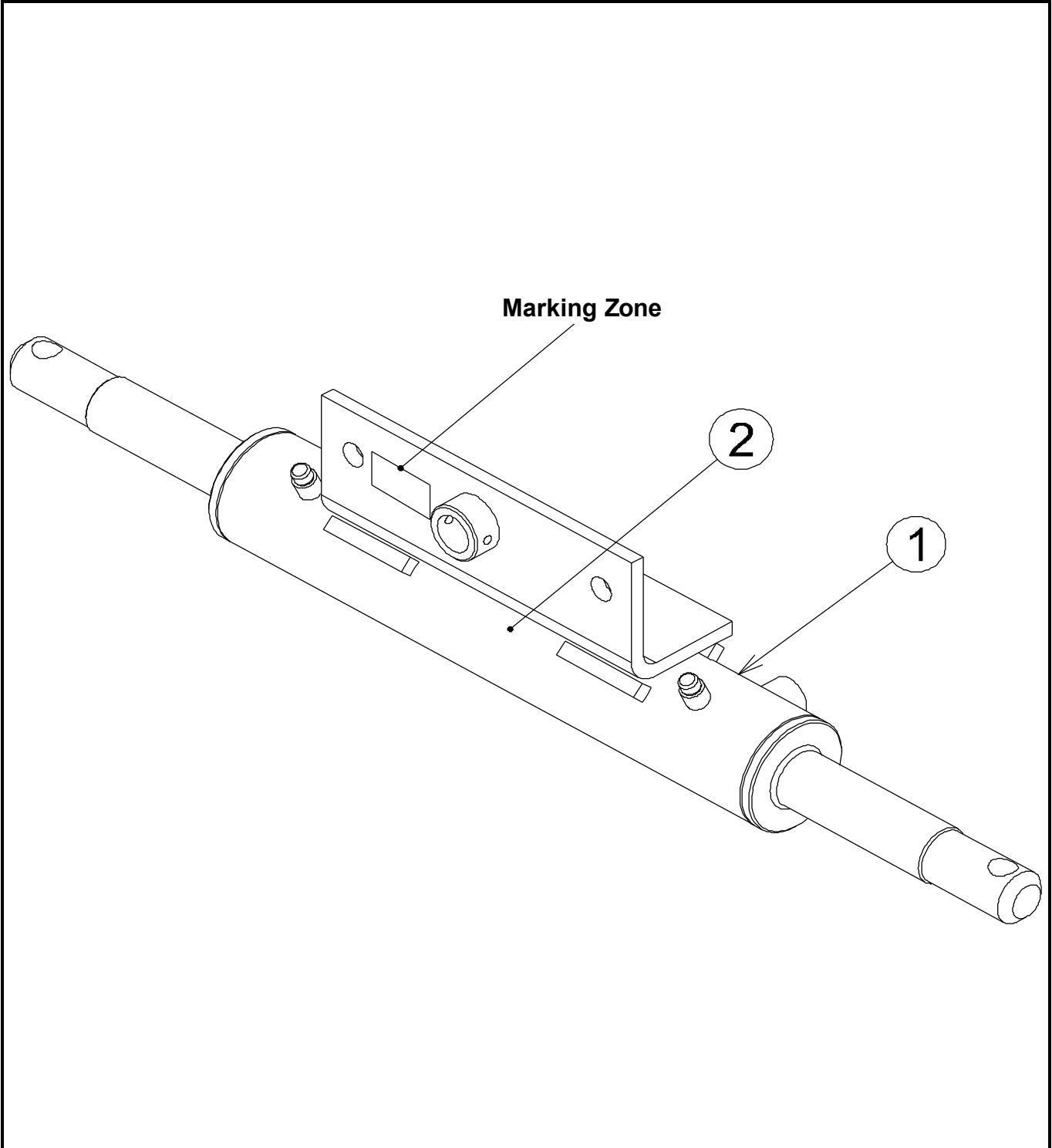
VERINS DE DIRECTION

ASSY NO : RM0058 REV : A

1/1

**To order check mark on marking zone and indicate machine serial number.
Pour commander vérifier la marque sur la zone de marquage et indiquer le numéro de série de la machine.**

MARK MARQUE	DET. NO. 1	CYLINDERS PART NUMBER REFERENCE VERINS	DET. NO. 2	SEALS KIT ITEM REFERENCE KIT DE JOINTS	REV
V99/15 ST2144		ST2144		910043	A
V99/15 ST1961		ST1961			



A

RM0058

A

SPARE PARTS
MANUEL DE PIECES DETACHEES

SECTION B

TIRE AND WHEEL INSTALL
INSTALLATION DES ROUES

ISSUE DATE : 15/02/00

BLACK WHEEL INSTALL

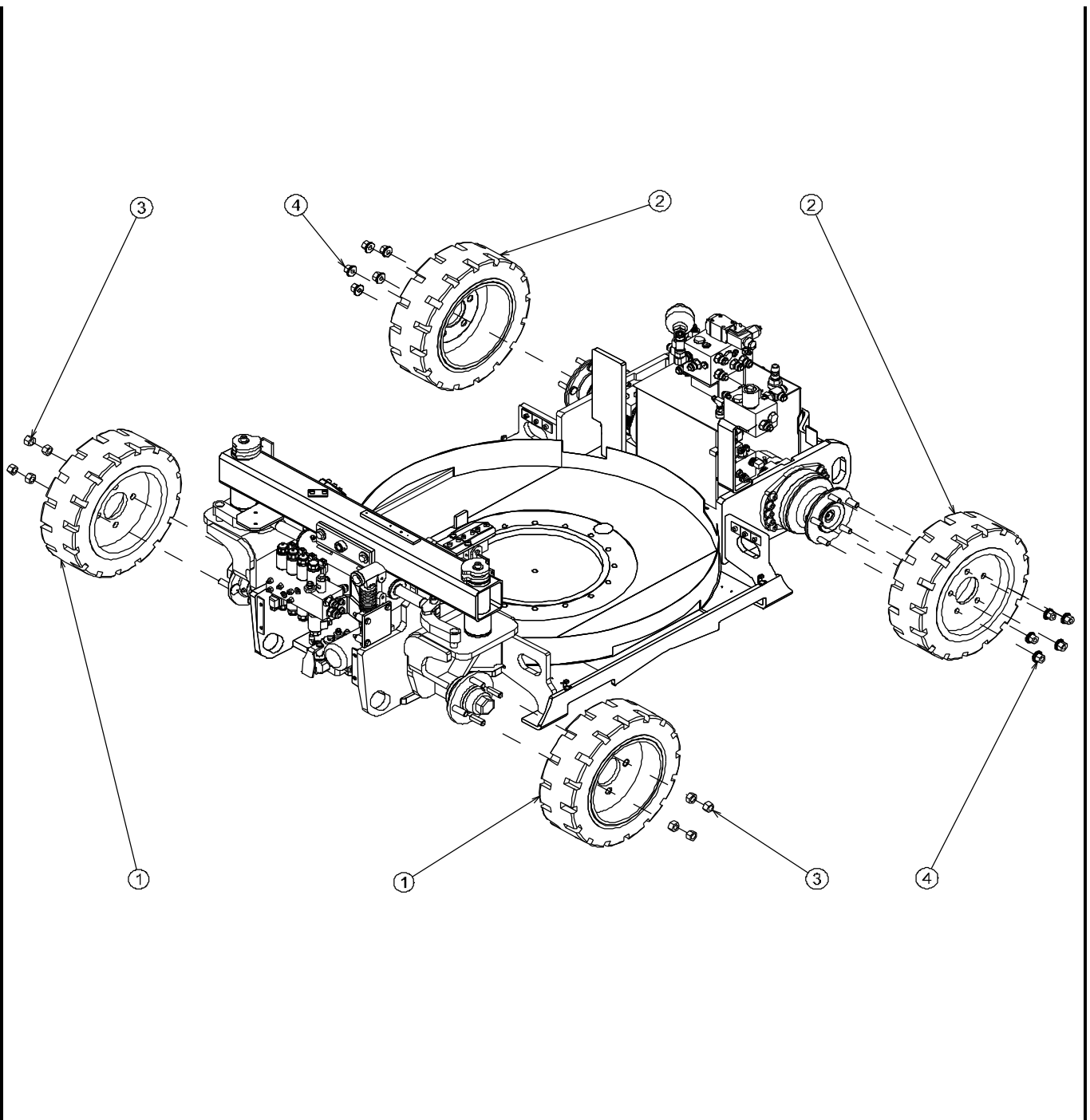
ISSUE REL :

INSTALLATION ROUES NOIRES

ASSY NO : SP0476 REV : A

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	ST0650		STEERING WHEELS	ROUES DIDECTRICES		2
2	ST1752		"T1010 & T910" DRIVING WHEELS	ROUES MOTRICES "T1010 & T910"		2
	ST1995		"T1010 I" DRIVING WHEELS	ROUES MOTRICES "T1010 I"	A	
3		SECTION 6	STEERING KNUCKLE NUT	ECROU D'EQUERRE DE DIRECTION		8
4		SECTION 6	DRIVE MOTOR NUT	ECROU MOTEUR		10



B

SP0476

B

ISSUE DATE : 15/02/00

NON MARKING WHEEL INSTALL

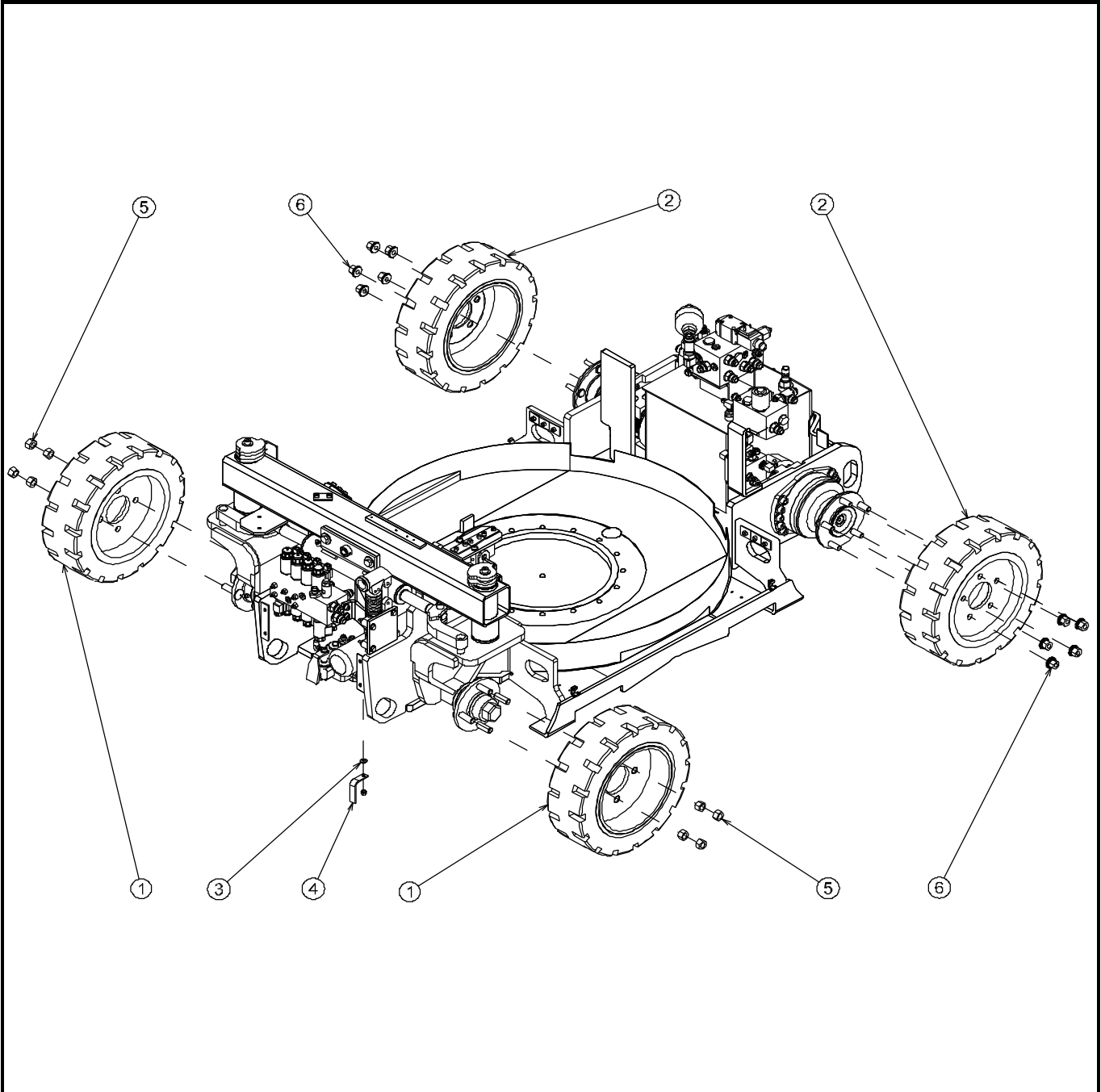
ISSUE REL :

INSTALLATION ROUES NON MARQUANTES

ASSY NO : SP0477 REV : A

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION		REV	QTY REQ.
1	ST0701		STEERING WHEELS	ROUES DIDECTRICES		2
2	ST1751		"T1010 & T910" DRIVING WHEELS	ROUES MOTRICES "T1010 & T910"	A	2
	ST1750		"T1010 I" DRIVING WHEELS	ROUES MOTRICES "T1010 I"		
3	120021		M08 LOCK WASHER	RONDELLE GROWER M08		1
4	130022		STATIC STRAP	TRESSE DE MASSE		1
5		SECTION 6	STEERING KNUCKLE NUT	ECROU D'EQUERRE DE DIRECTION		8
6		SECTION 6	DRIVE MOTOR NUT	ECROU MOTEUR		10

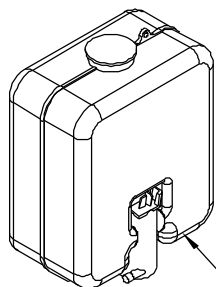


SPARE PARTS
MANUEL DE PIECES DETACHEES

SECTION C

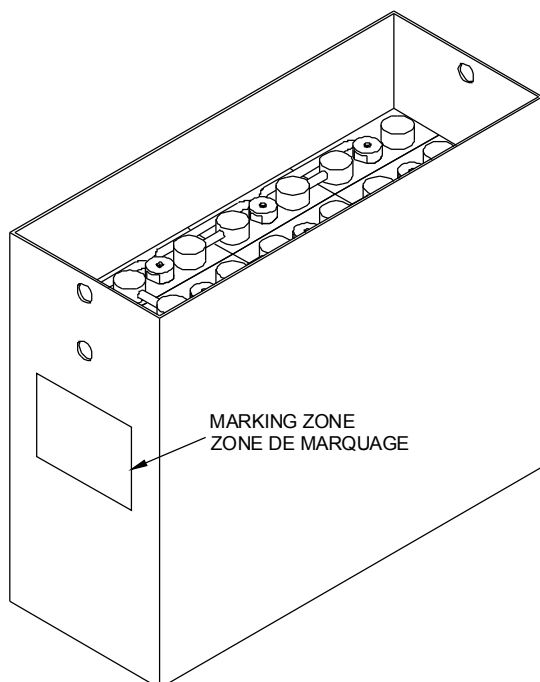
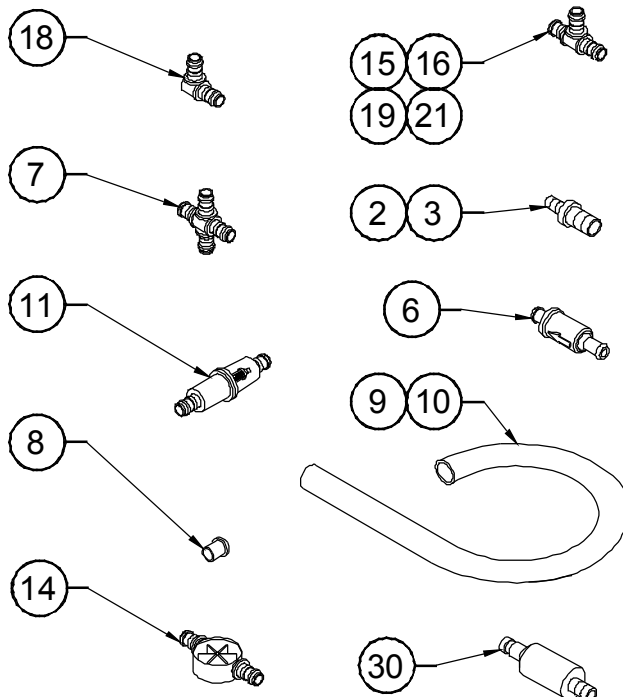
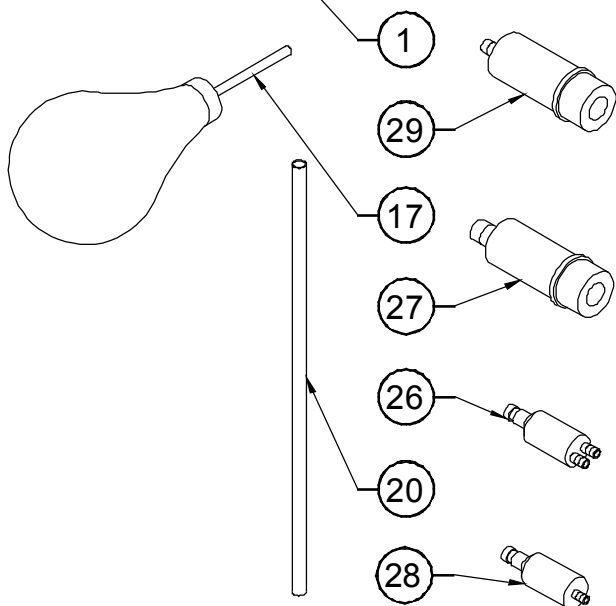
CHARGER AND BATTERY INSTALL
INSTALLATION CHARGEUR ET BATTERIE

BATTERY COMPONENTS COMPOSANTS BATTERIE



OLDHAM	FULMEN SGTE
25	13
24	12

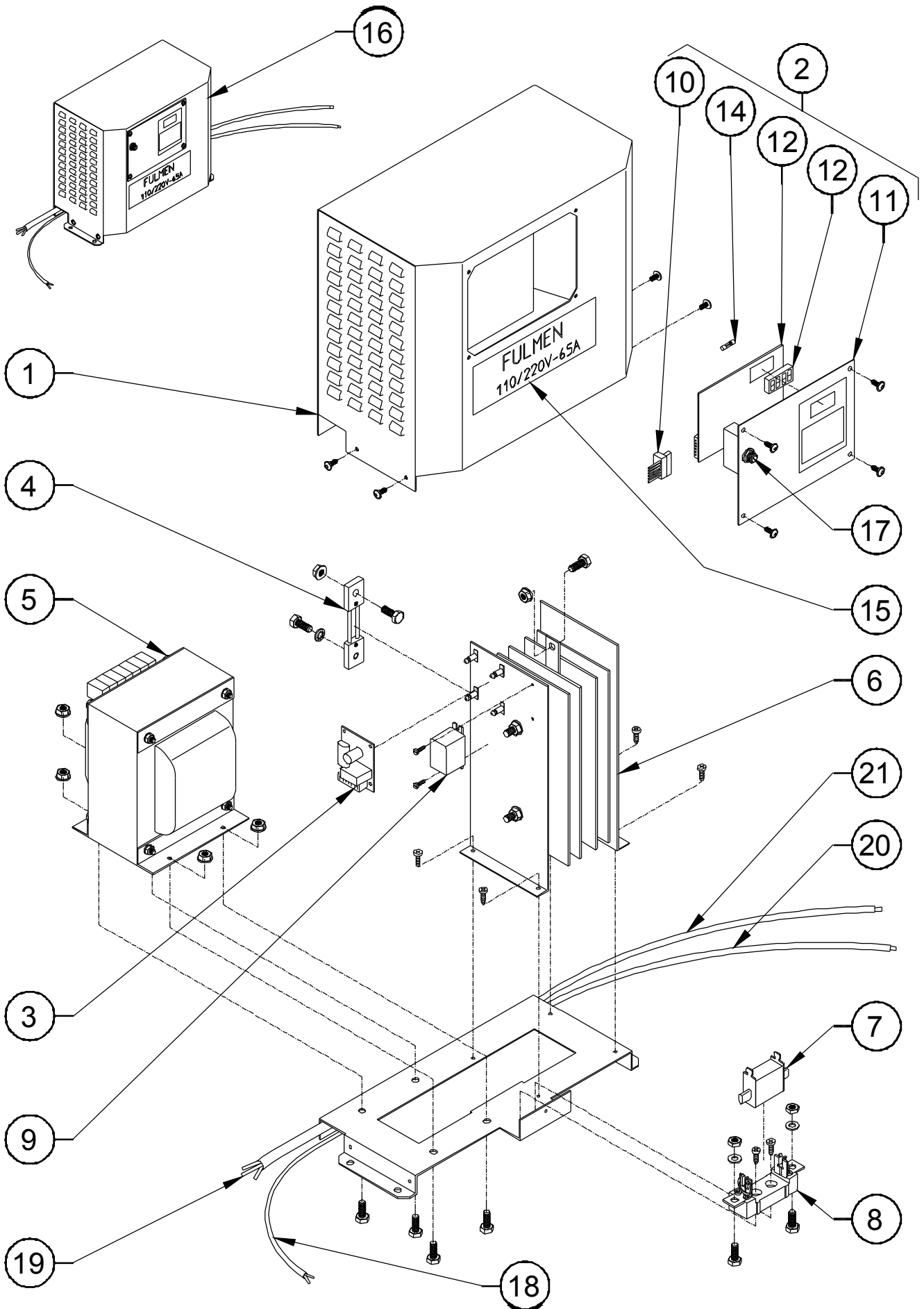
SGTE	FULMEN OLDHAM
22	4
23	5



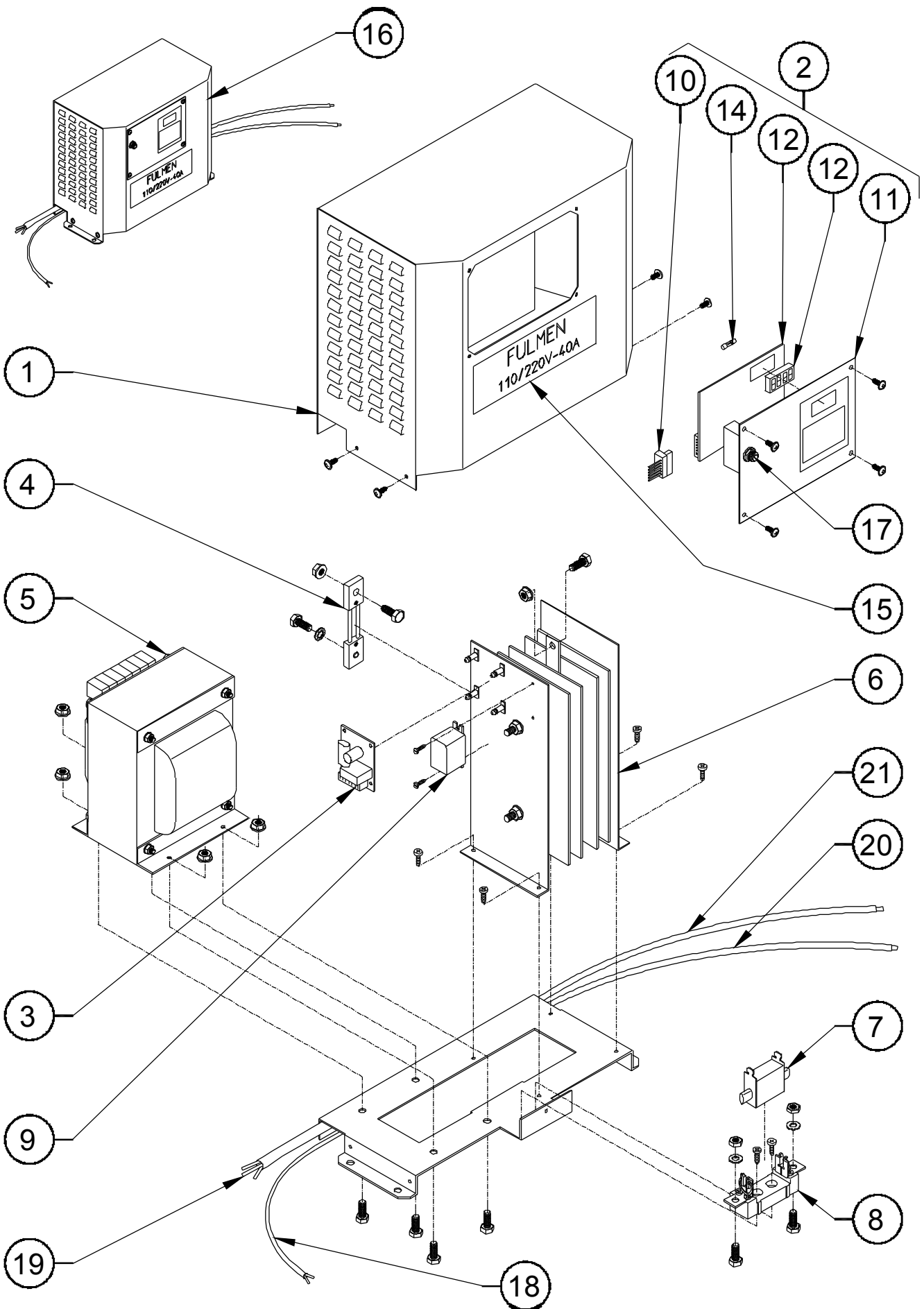
To order a battery cell (dry cell), indicate the P/N inscribed on the marking zone.

Pour commander un élément de batterie (élément sec), spécifier la référence relevée sur la zone de marquage.

FULMEN CHARGER 110/220V 65A CHARGEUR 110/220V 65A FULMEN



FULMEN CHARGER 110/220V 40A CHARGEUR 110/220V 40A FULMEN



DATE : 22/05/01

OLDHAM CHARGER 110/220V 70A

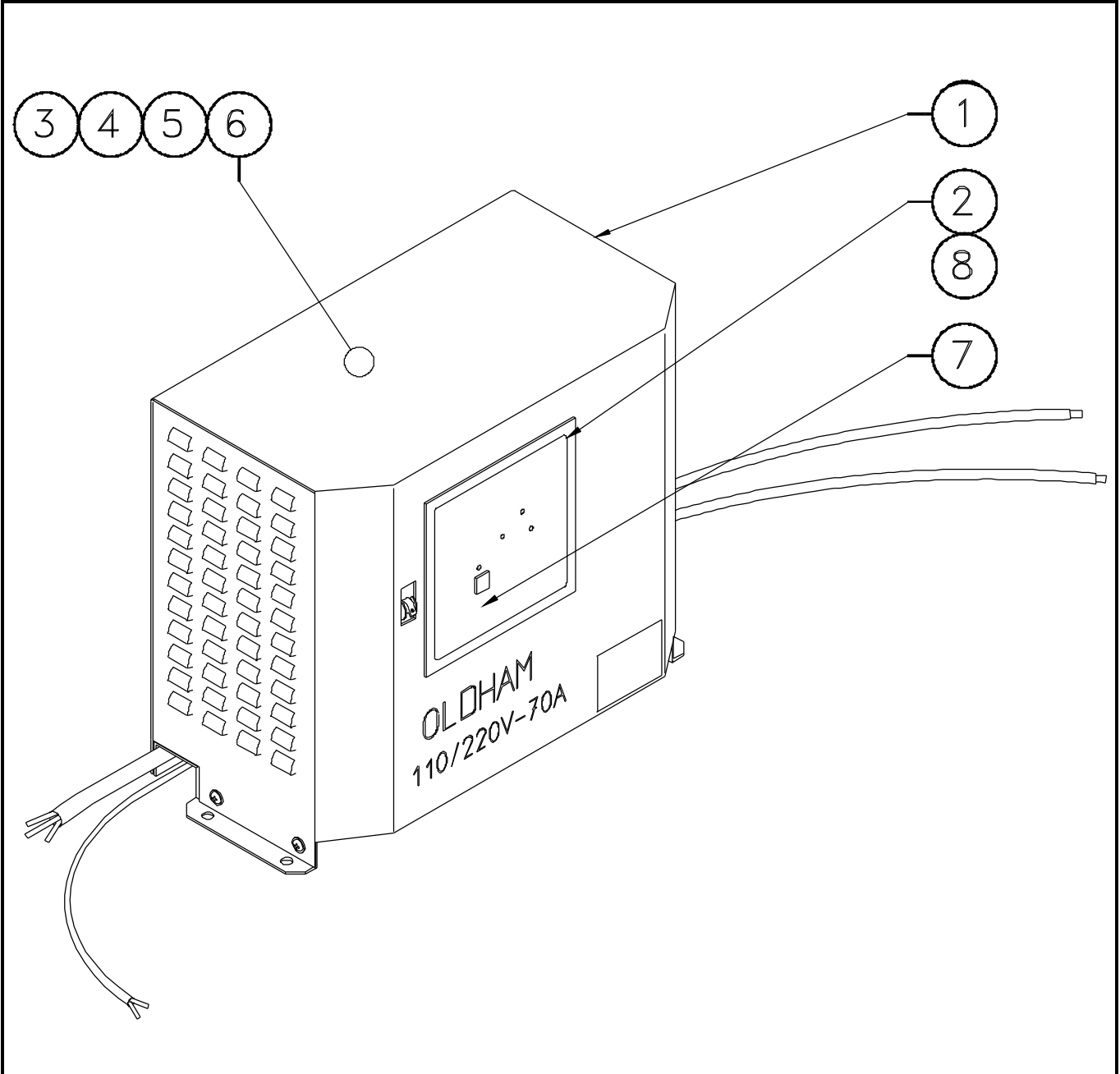
MONTAGE N°/

ASSY NO : 510034 REV :

CHARGEUR 110/220V 70A OLDHAM

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION		RE V	Qté/ Qty Req.
1	510034		OLDHAM CHARGER 110/220V 70A	CHARGEUR 110/220V 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"		



DATE : 18/03/04

OLDHAM CHARGER 110/220V 70A

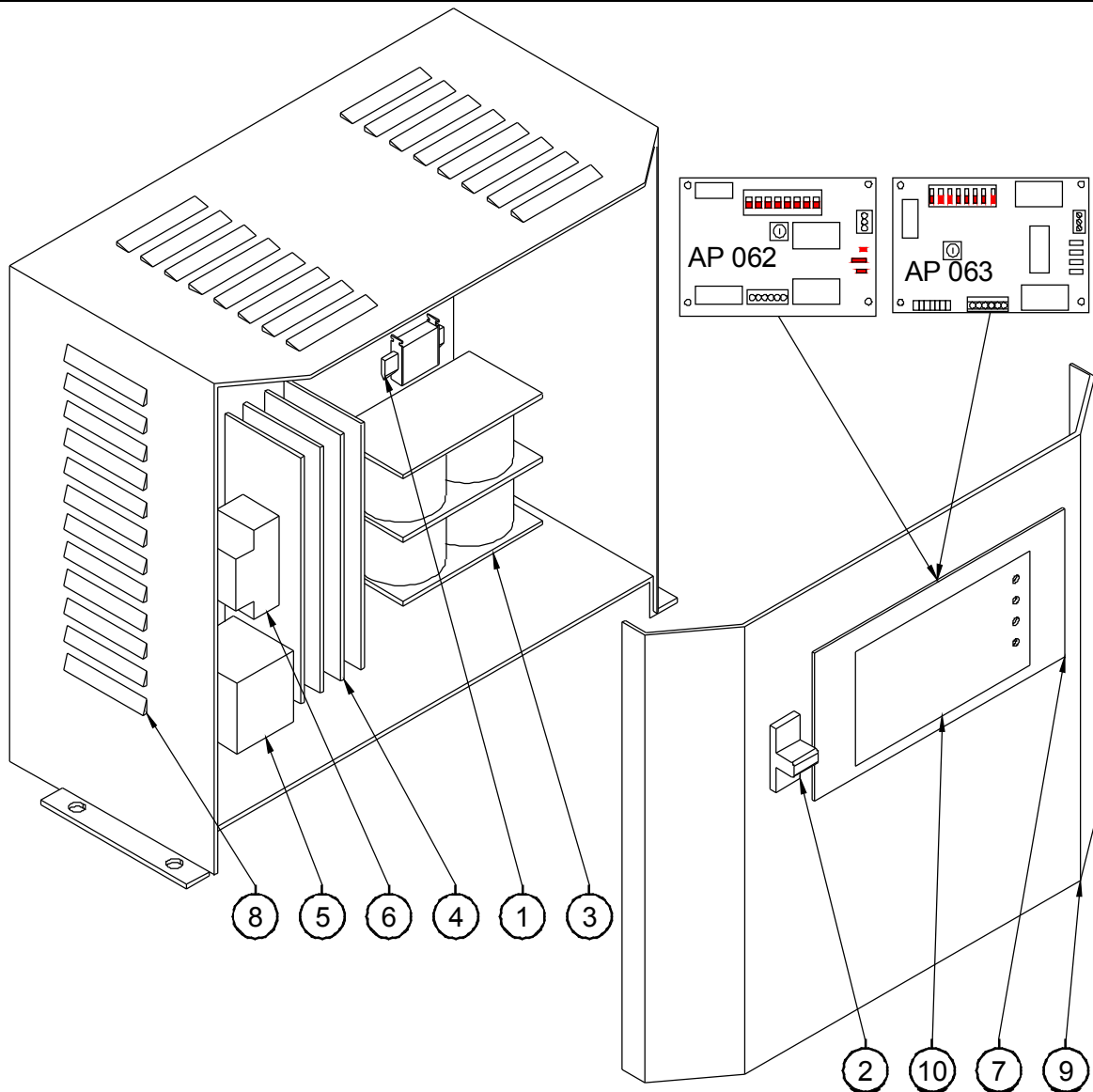
MONTAGE N°/

ASSY NO : 510078 REV :

CHARGEUR 110/220V 70A OLDHAM

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION		RE V	Qté/ Qty Req.
1	951019		NH00/80A gl FUSE	FUSIBLE NH00/80A gl		1
2	951021		32A CIRCUIT BREAKER	COUPE CIRCUIT 32A		1
3	951023		24/70V - 110/230V TRANSFORMER	TRANSFORMATEUR 24/70V - 110/230V		1
4	951025		DIODE BRIDGE PMS-70C 140x250	PONT DE DIODE PMS-70C 140x250		1
5	951026		30VA AUXILIARY TRANSFORMER	TRANSFORMATEUR AUXILIAIRE 30VA		1
6	951027		240VAC CONTACTOR	CONTACTEUR 24VAC		1
7	951028		AP 062 ELECTRONIC BOARD	CARTE ELECTRONIQUE AP 062		1
7	951032		AP 063 ELECTRONIC BOARD	CARTE ELECTRONIQUE AP 063		1
8	951029		REAR COVER	CHASSIS ARRIERE		1
9	951030		FRONT COVER	CHASSIS AVANT		1
10	951031		DECAL	AUTOCOLLANT		1



510078

ISSUE DATE : 27/05/02

80A "F7BTGR" ZIVAN CHARGER (GEL)

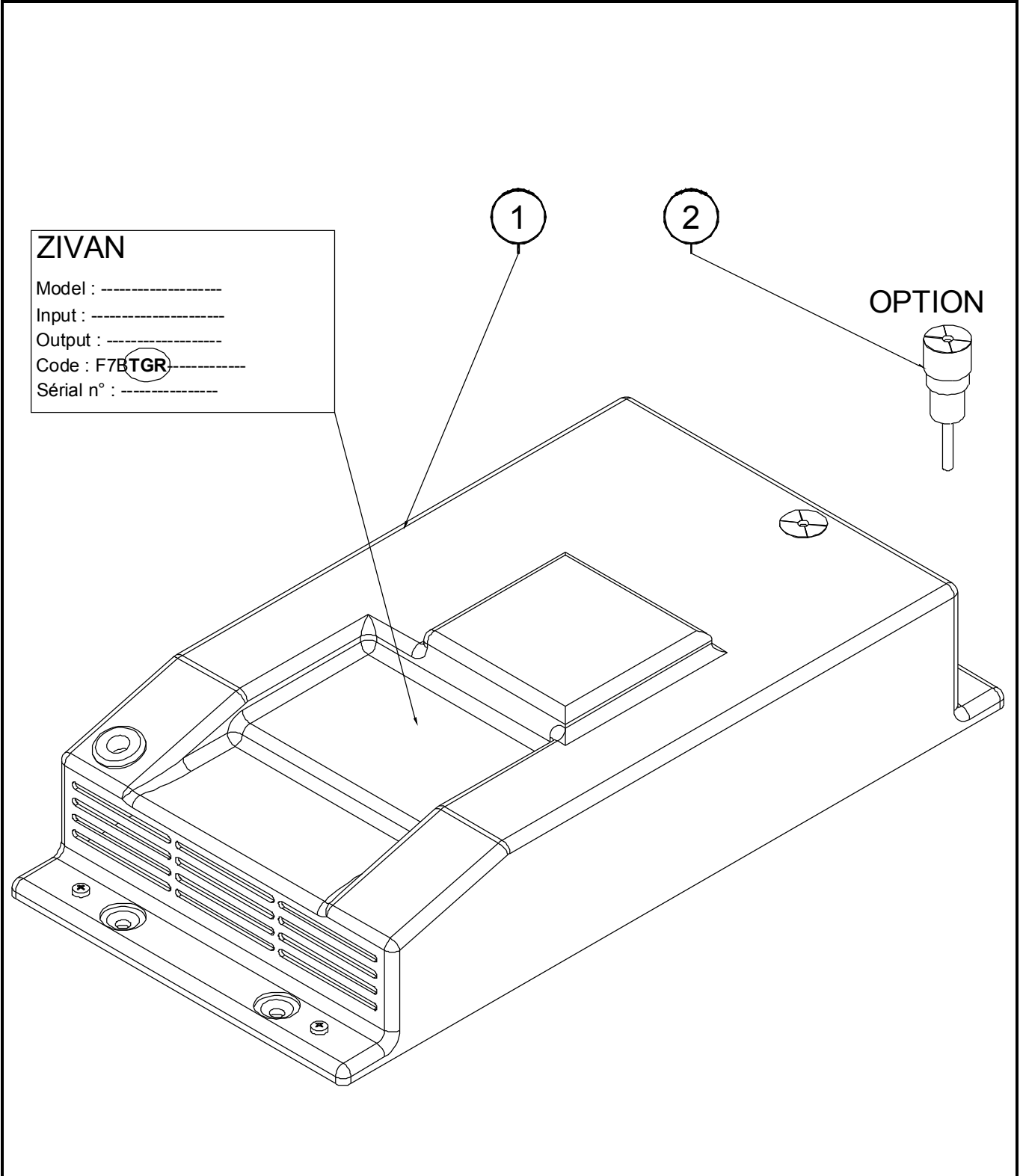
ISSUE REL :

ASSEMBLY N° : 510065 REV :
 N° ENSEMBLE :

CHARGEUR ZIVAN 80A "F7BTGR" (GEL)

1/1

DET REP	PART NUMBER REF.	SEE VIEW VOIR VUE	DESCRIPTION		R E V	QTY QTE
1	510065		80A "F7BTGR" ZIVAN CHARGER (GEL)	CHARGEUR ZIVAN 80A "F7BTGR" (GEL)		1
2	510060		EXTERNAL INDICATOR	INDICATEUR EXTERNE		x



ZIVAN

Model : -----
 Input : -----
 Output : -----
 Code : **F7BTGR** -----
 Sériel n° : -----

OPTION

ISSUE DATE : 27/05/02

80A "F7BSTR" ZIVAN CHARGER

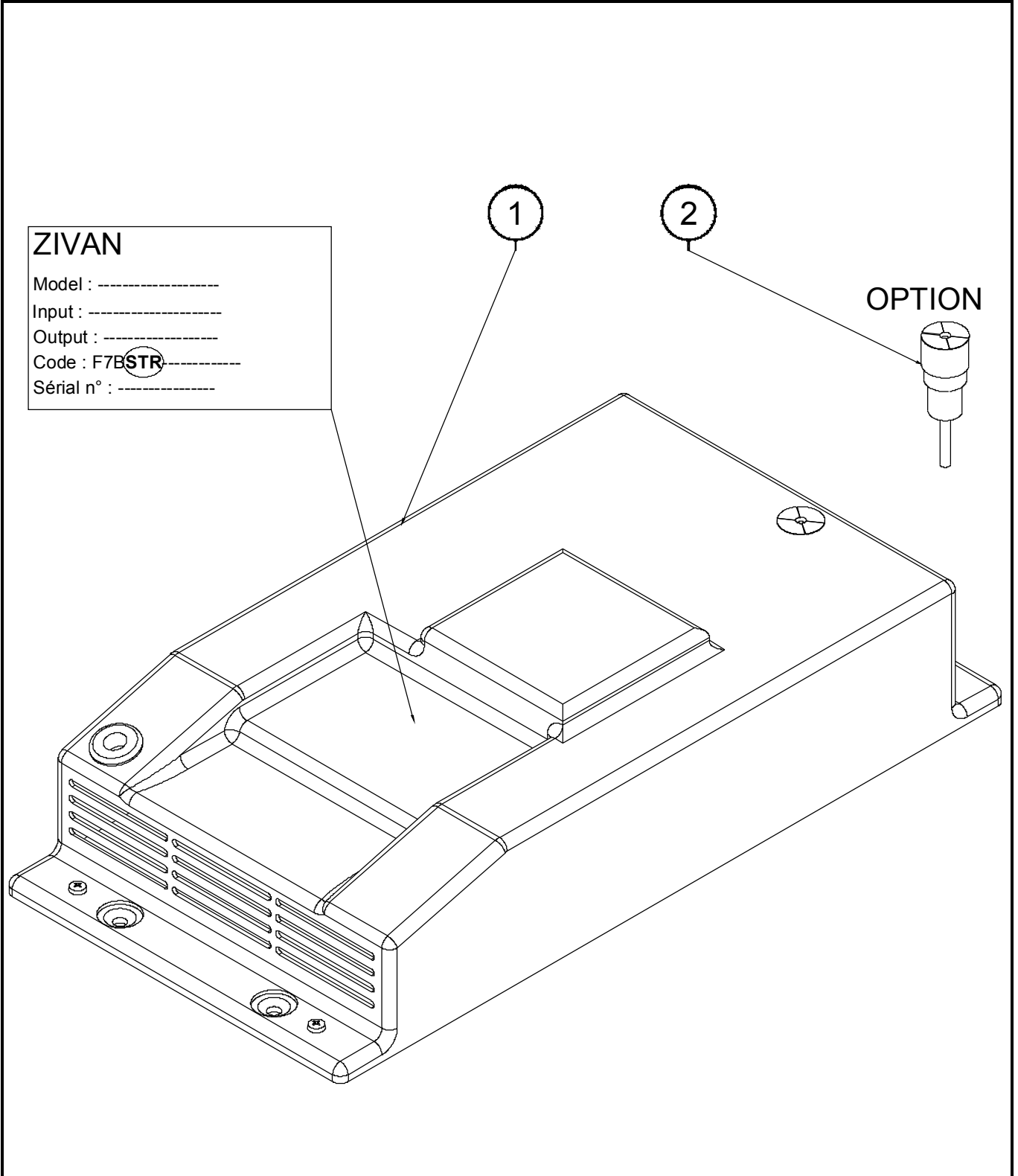
ISSUE REL :

ASSEMBLY N° : 510067 REV :
N° ENSEMBLE :

CHARGEUR ZIVAN 80A "F7BSTR"

1/1

DET REP	PART NUMBER REF.	SEE VIEW VOIR VUE	DESCRIPTION		R E V	QTY QTE
1	510067		80A "F7BSTR" ZIVAN CHARGER	CHARGEUR ZIVAN 80A "F7BSTR"		1
2	510060		EXTERNAL INDICATOR	INDICATEUR EXTERNE		x



SPARE PARTS
MANUEL DE PIECES DETACHEES

SECTION D

DECALS INSTALL
INSTALLATION AUTOCOLLANTS

**"Toucan 910" CE DECALS INSTALL
INSTALLATION AUTOCOLLANT CE "Toucan910"**

		LOAD / CHARGE	INSTRUCTIONS / CONSIGNES (QtY / Qté:2)
Belgium / Belgique	F	AU1259	AU1110
	NL	AU1363	AU1143
		PA0728	
Dutch / Hollande	NL	AU1363	AU1143
		PA0681	
France	F	AU1259	AU1110
		PA0646	
Germany/Allemagne Austria/Autriche	D	AU1380	AU1118
	A	PA0695	
Norvège/Norway	N	AU1588	AU1129
		PA0837	
Portugal	P	AU1524	AU1217
		PA0793	
Spain / Espagne	E	AU1571	AU1120
		PA0813	
Switzerland / Suisse	F	AU1259	AU1110
	D	AU1380	AU1118
United Kingdhom / Royaume Uni	GB	AU1379	AU1099
		PA0694	

PAXxxx = COMPLETE KIT / JEU COMPLET

MANUFACTURER' S NAME PLATE PLAQUE CONSTRUCTEUR	AU1846
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SPARE PARTS
MANUEL DE PIECES DETACHEES

SECTION E

STEERING UNIT INSTALL
INSTALLATION CENTRALE DIRECTION

ISSUE DATE : 19/02/04

R2K STEERING UNIT INSTALL

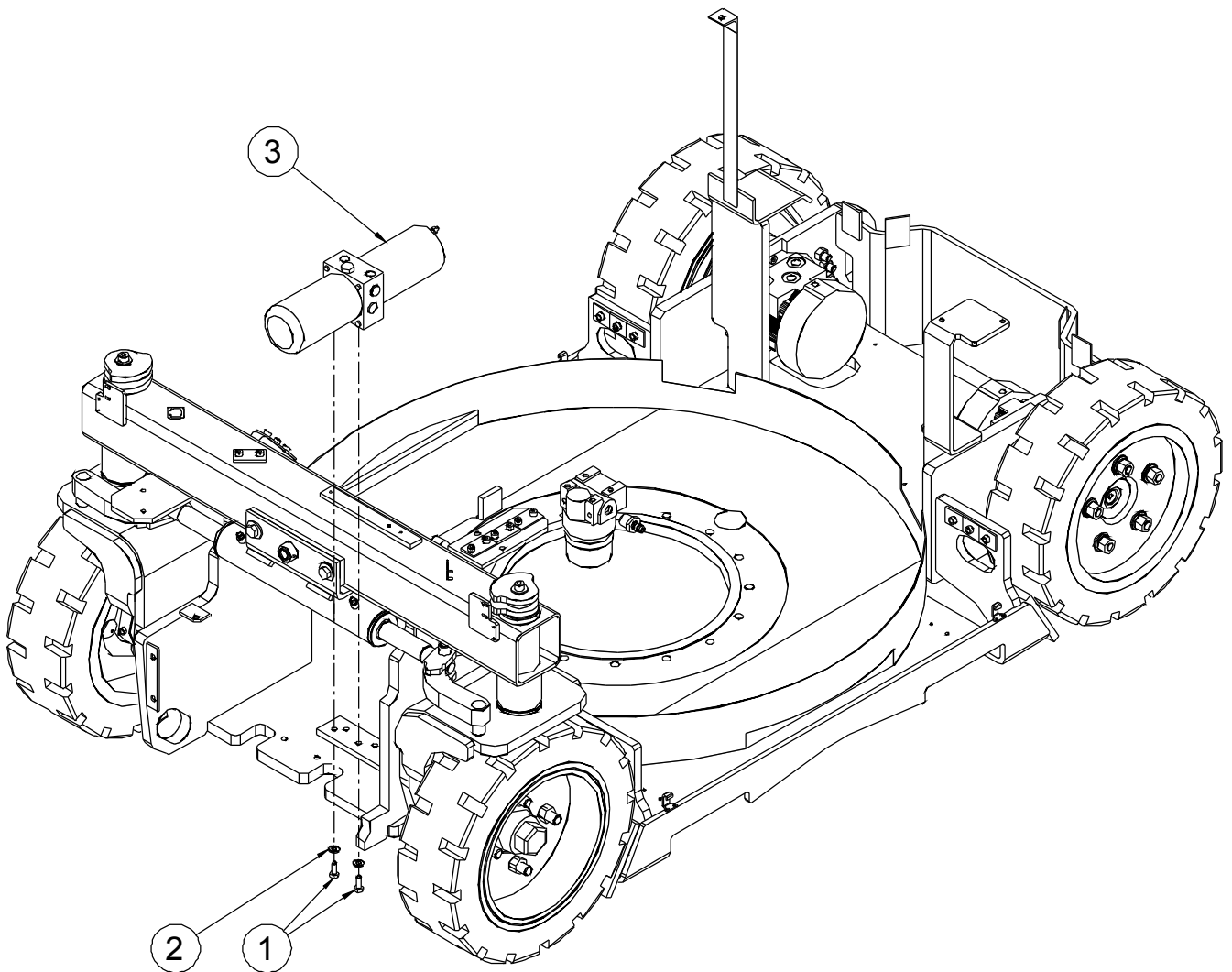
ISSUE REL :

ASSEMBLY N° : SP0863 REV :
N° ENSEMBLE :

INSTALLATION CENTRALE DIRECTION R2K

1/1

DET REP	PART NUMBER REF.	SEE VIEW VOIR VUE	DESCRIPTION		R E V	QTY QTE
1	100019		M08x20 8.8 HEX HEAD MACHINE SCREW	VIS H M08x20 8.8 BI FT		2
2	120010		dD 08x18 LOCK WASHER	RONDELLE CONTACT dD 08x18 BI		2
3	520054		R2K STEERING POWER UNIT	CENTRALE DE DIRECTION R2K		1



ISSUE DATE : 19/02/04

MW2Y STEERING UNIT INSTALL

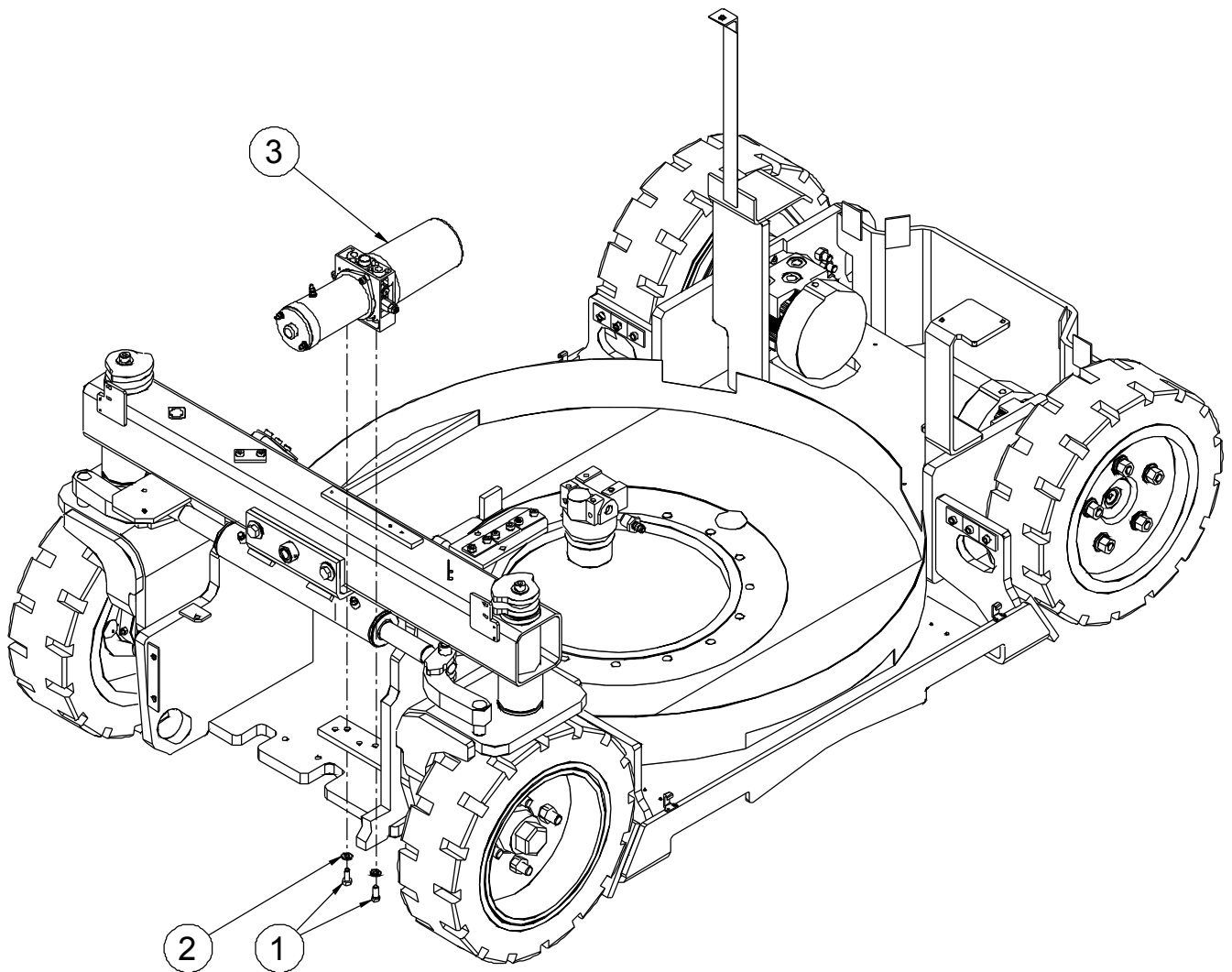
ISSUE REL :

ASSEMBLY N° : SP0864 REV :
N° ENSEMBLE :

INSTALLAT° CENTRALE DIRECTION MW2Y

1/1

DET REP	PART NUMBER REF.	SEE VIEW VOIR VUE	DESCRIPTION		R E V	QTY QTE
1	100152		M10x25 8.8 HEX HEAD MACHINE SCREW	VIS H M10x25 8.8 BI FT		2
2	120011		dD 10x22 LOCK WASHER	RONDELLE CONTACT dD 10x22 BI		2
3	520103		MW2Y STEERING POWER UNIT	CENTRALE DE DIRECTION MW2Y		1



SPARE PARTS
MANUEL DE PIECES DETACHEES

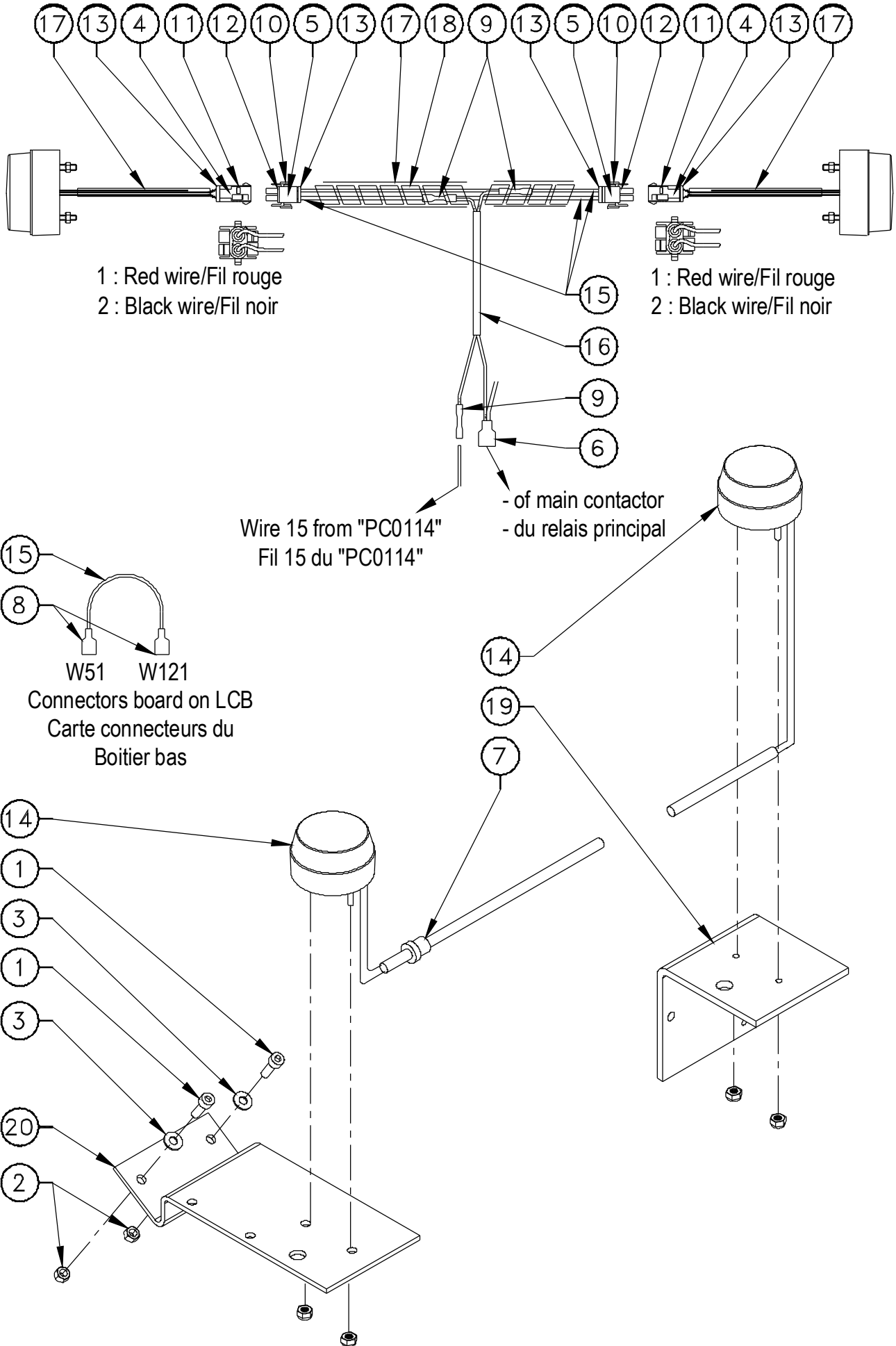
OPTIONS

SPARE PARTS
MANUEL DE PIÈCES DÉTACHÉES

OPTION

FLASHING LIGHTS INSTALL
INSTALLATION LAMPES À ÉCLATS

FLASHING LIGHTS INSTALL INSTALLATION LAMPES A ECLATS



1 : Red wire/Fil rouge
2 : Black wire/Fil noir

1 : Red wire/Fil rouge
2 : Black wire/Fil noir

Wire 15 from "PC0114"
Fil 15 du "PC0114"

- of main contactor
- du relais principal

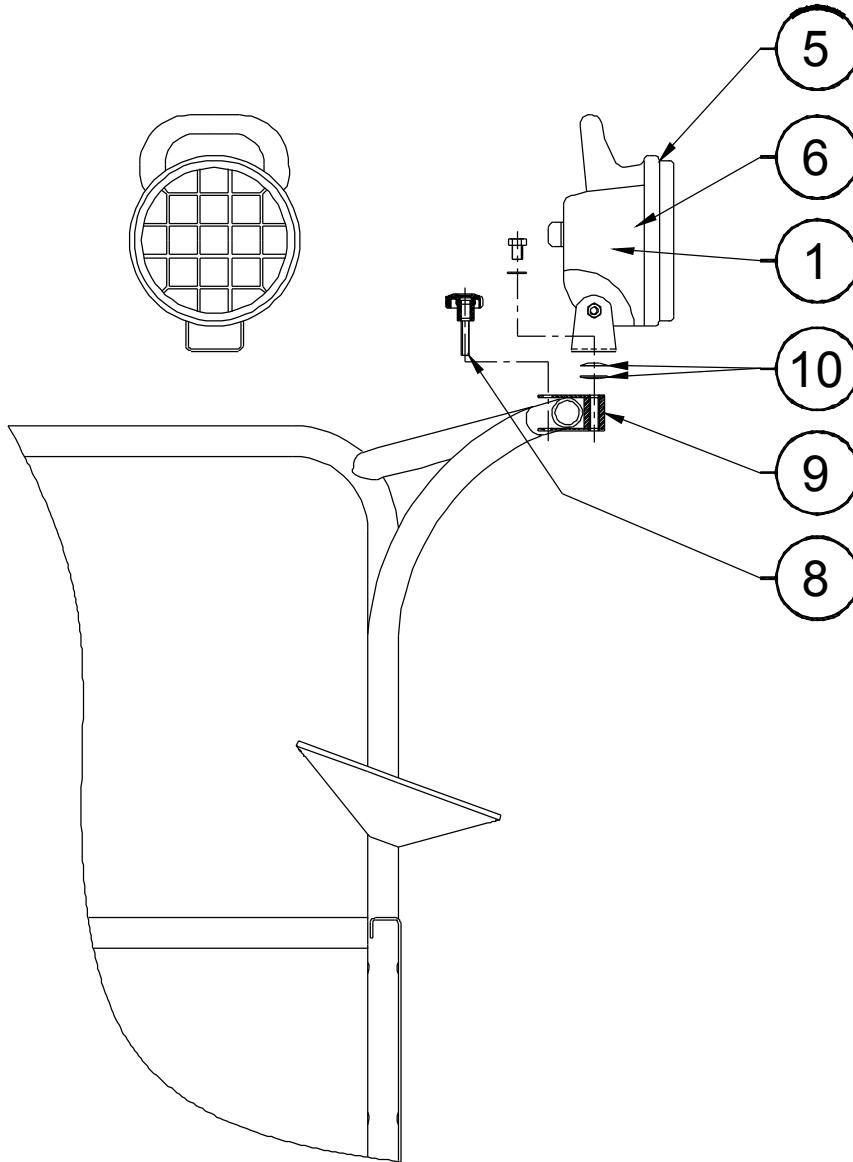
W51 W121
Connectors board on LCB
Carte connecteurs du
Boitier bas

SPARE PARTS
MANUEL DE PIECES DETACHEES

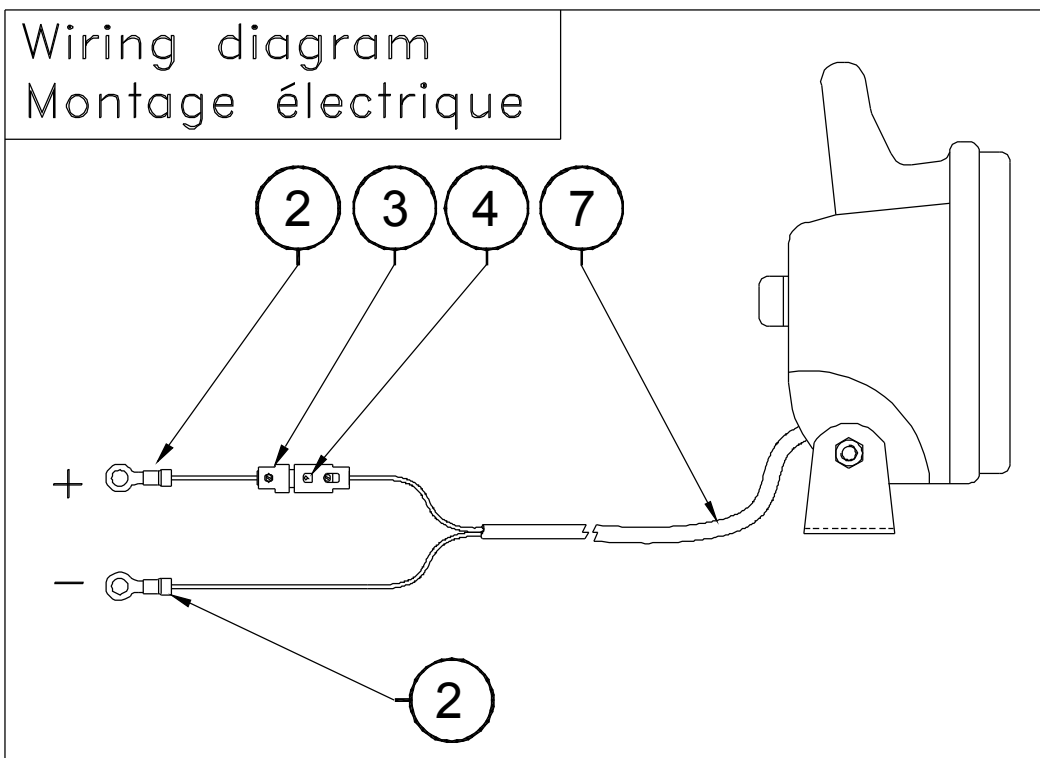
OPTION

24V 70W LIGHT INSTALL
MONTAGE PHARE 24V 70W

24V 70W LIGHT INSTALL MONTAGE PHARE 24V 70W



Wiring diagram
Montage électrique



SPARE PARTS
MANUEL DE PIECES DETACHEES

OPTION

220 VAC INSTALL
INSTALLATION PRISE 220V

220 VAC INSTALL INSTALLATION PRISE 220V

