



MODELS
V2039E
ANSI



SPARE PARTS MANUAL

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Updated : 01-2005

MA0201-03
English



DISTRIBUTOR STAMP

A large, empty rectangular box with a black border, intended for a distributor stamp.

MACHINE SERIAL NUMBER :

V2039E N° _____



Edition 01-2005
MA0201-03

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 serial number plate mounted on the platform.
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.

V2039E

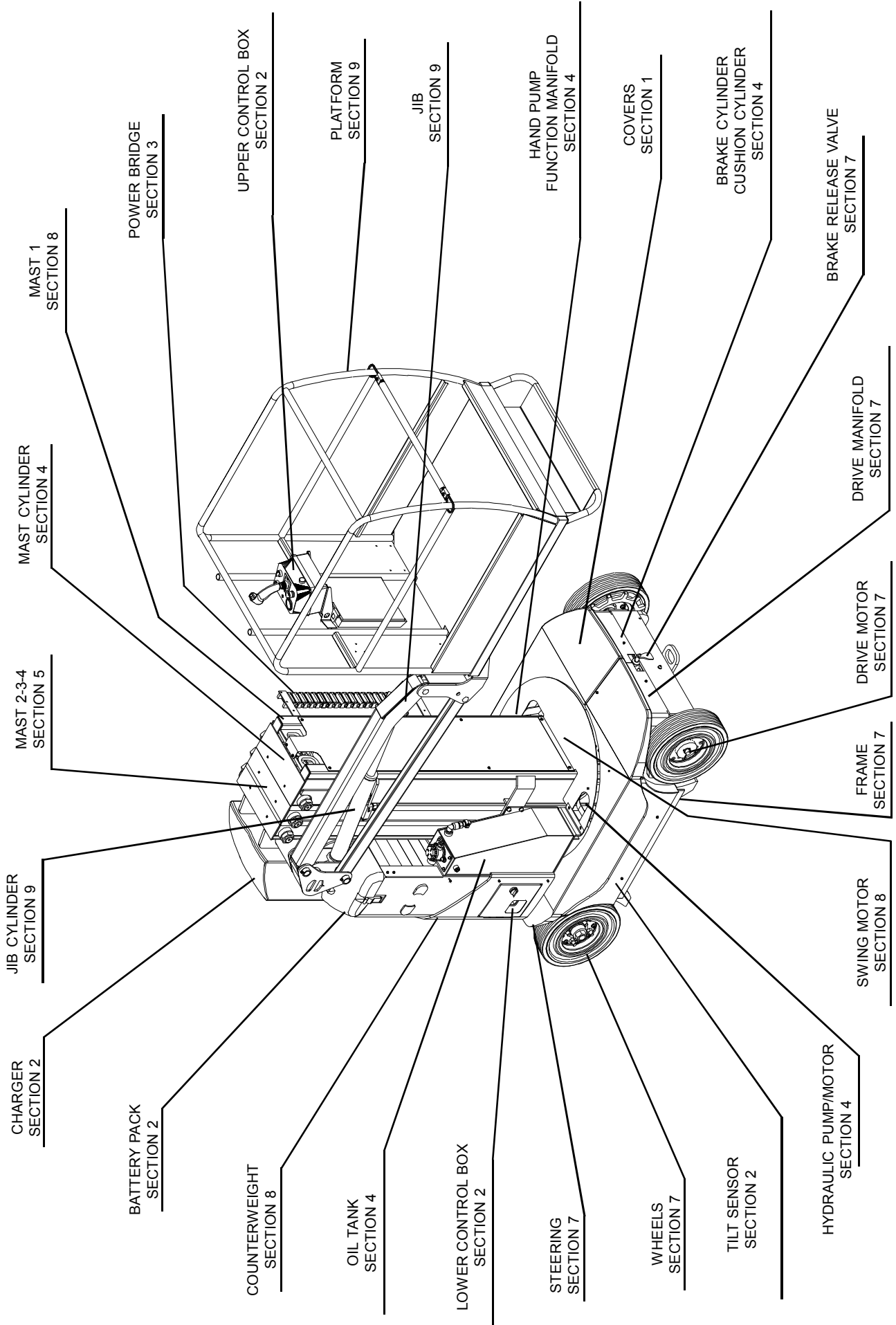


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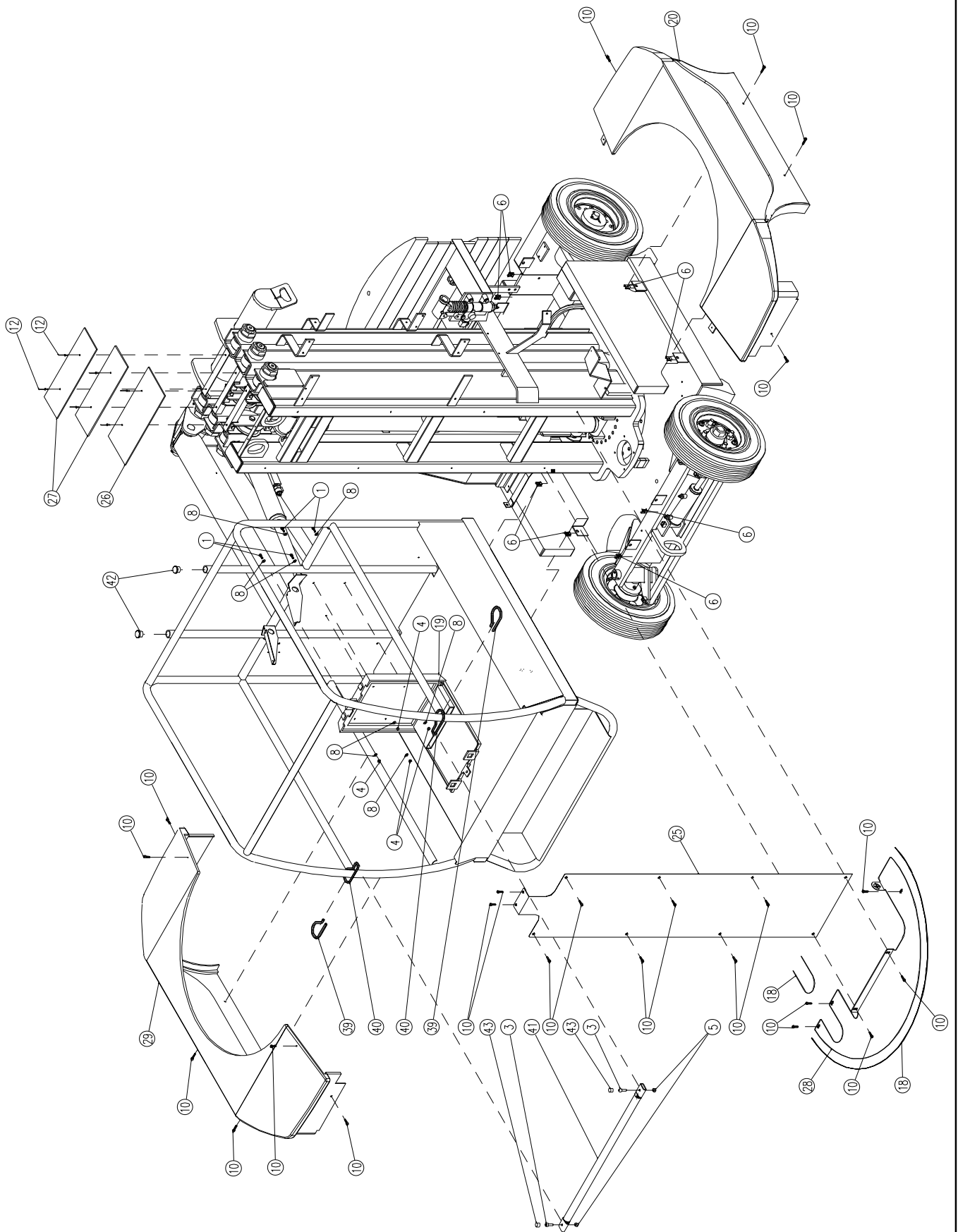
SPARE PARTS

SECTION 1

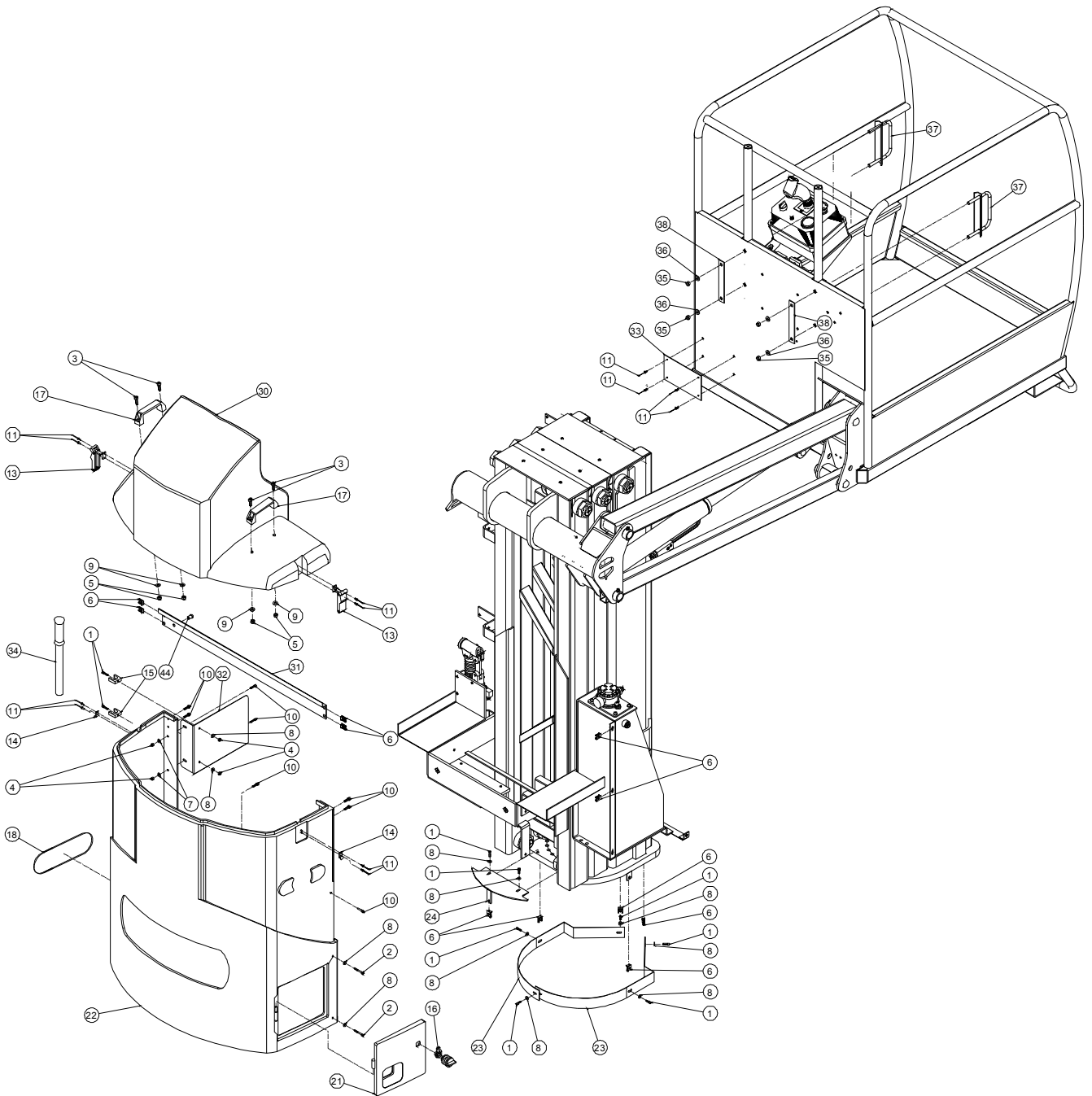
COVERS INSTALL



COVERS INSTALL



COVERS INSTALL



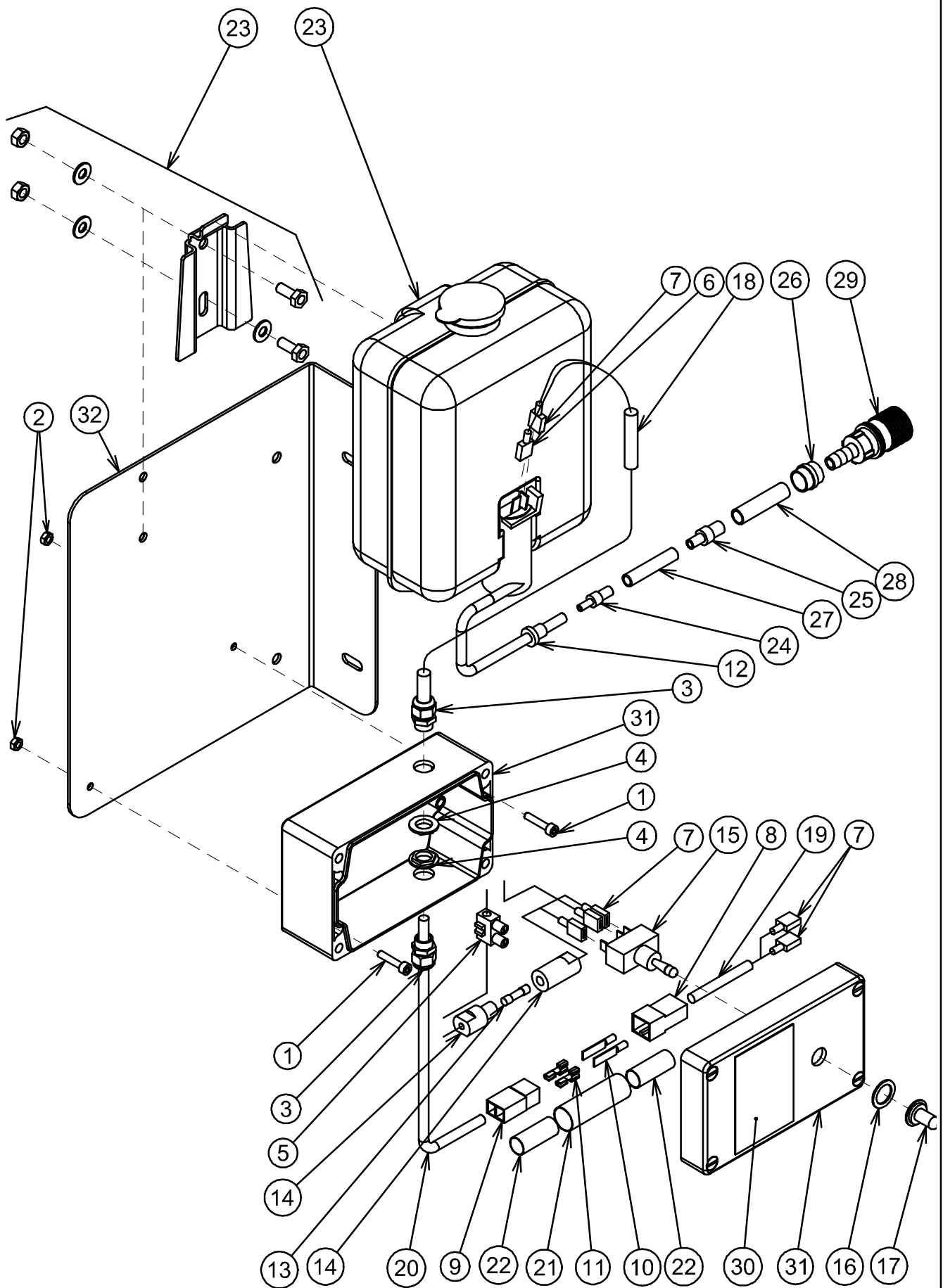
DATE : 13/04/00

COVERS INSTALLMONTAGE N°/
ASSY NO : SP0421 REV : A

1/2

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	000015		M06x16 8.8 SOCKET HEAD MACH SCREW		13
2	000017		M06x40 8.8 SOCKET HEAD MACH SCREW		2
3	000053		M08x25 8.8 SOCKET HEAD MACH SCREW		6
4	110003		M06 GR. 8.8 LOCK NUT	A	8
5	110004		M08 GR. 8.8 LOCK NUT		6
6	110026		M06 CAGE HEX NUT		20
7	120004		0.6x25x1.2 WASHER	A	2
8	120009		dD 06x14 LOCK WASHER		19
9	120010		dD 08x18 LOCK WASHER		4
10	130021		M06x20 8.8 ROUND HEAD MACH SCREW	A	31
11	180005		Ø4x16 POP RIVET		12
12	180009		Ø 5x16 LARGE HEAD POP RIVET		6
13	190018		C 7-10 RUBBER LATCH		2
14	190019		C 7-10 LATCH LOCKING TAB		2
15	190027		Ø22 CLIP		2
16	190037		HASP		1
17	400001		HANDLE		2
18	400007		EDGE GUARD (quantity indicated in meter)		1
19	7348000653		MANUAL BOX		1
20	SD0408		RIGHT COVER		1
21	SD0355		RIGHT DOOR		1
22	SD0513		FRONT COVER		1
23	ST1380		TURNTABLE BEARING COVER		2
24	ST1382		COVER		1
25	ST1401		MAST 1 COVER		1
26	ST1403		MAST 3 COVER		1
27	ST1404		MAST 1 & 2 COVER		2
28	ST1657		TOP COVER		1
29	ST1702		LEFT COVER		1
30	ST2480		TOP OPEN COVER	A	1
31	ST1513		JONCTION PLATE		1
32		SECTION 1-1	WATER TANK SUPPORT	A	1
33		APPENDIX D	MANUFACTURER'S NAME PLATE		1
34		SECTION 4-3	PUMP HANDLE		1
35	110005		M10 GR. 8.8 LOCK NUT		4
36	120011		dD 10x22 LOCK WASHER		4
37	ST0567		LANYARD ATTACHMENT		2

CENTRALISED FILLING DEVICE



ISSUE DATE : 12/04/00

ISSUE REL : **CENTRALISED FILLING DEVICE**

ASSY NO : OP380 REV :

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION	REV	QTY REQ.
1	000020		M04x20 8.8 SOCKET HEAD MACH SCREW		2
2	110001		M04 GR. 8.8 LOCK NUT		2
3	210001		GLAND N°7		2
4	210008		GLAND N°7 NUT		2
5	250018		TERMINAL BLOCK		1
6	250026		RED FEMALE TERMINAL 6.3		1
7	250027		BLUE FEMALE TERMINAL 6.3mm		6
8	250032		2 PINS FEMALE CONNECTOR		1
9	250033		2 PINS MALE CONNECTOR		1
10	250034		MALE TERMINAL 6.3mm		2
11	250035		FEMALE TERMINAL 6.3mm		2
12	250051		CHANNEL D11.5		1
13	260006		5x20 3.15A FUSE		1
14	260007		FUSE HOLDER		1
15	260133		SWITCH		1
16	260134		SWITCH SEAL		1
17	260135		SWITCH BOOT		1
18	270010		WIRE 2x1mm ² (quantity indicated in meter)		0.28
19	270010		WIRE 2x1mm ² (quantity indicated in meter)		0.60
20	270010		WIRE 2x1mm ² (quantity indicated in meter)		0.23
21	280006		Black THERMO SHEATH 19 (qty in meter)		0.08
22	280021		Black THERMO SHEATH 12.7(qty in meter)		2x0.03
23	400058		DISTILLED WATER RESERVOIR KIT		1
24	400059		4/6 REDUCTION		1
25	400065		6/8 REDUCTION		1
26	950037		Ø10 PLASTIC NUT		1
27	950039		Ø6 PIPE (quantity indicated in meter)		0.10
28	950040		Ø10 PIPE (quantity indicated in meter)		0.10
29	950043		FEMALE CONNECTOR		1
30		APPENDIX D	DECAL		1
31	SD0507		ELECTRICAL BOX		1
32	ST2009		ELECTRICAL BOX SUPPORT		1

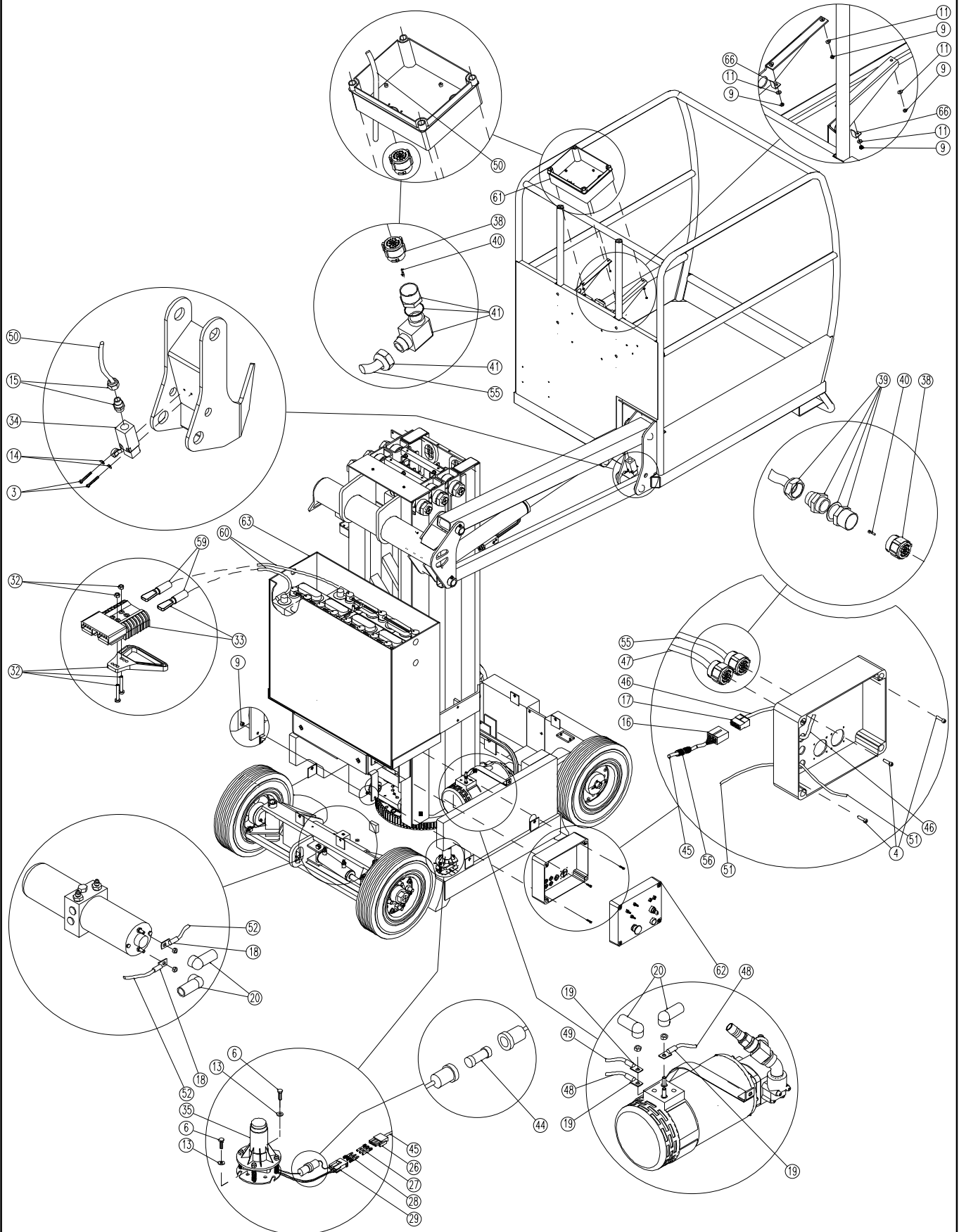
SPARE PARTS

SECTION 2

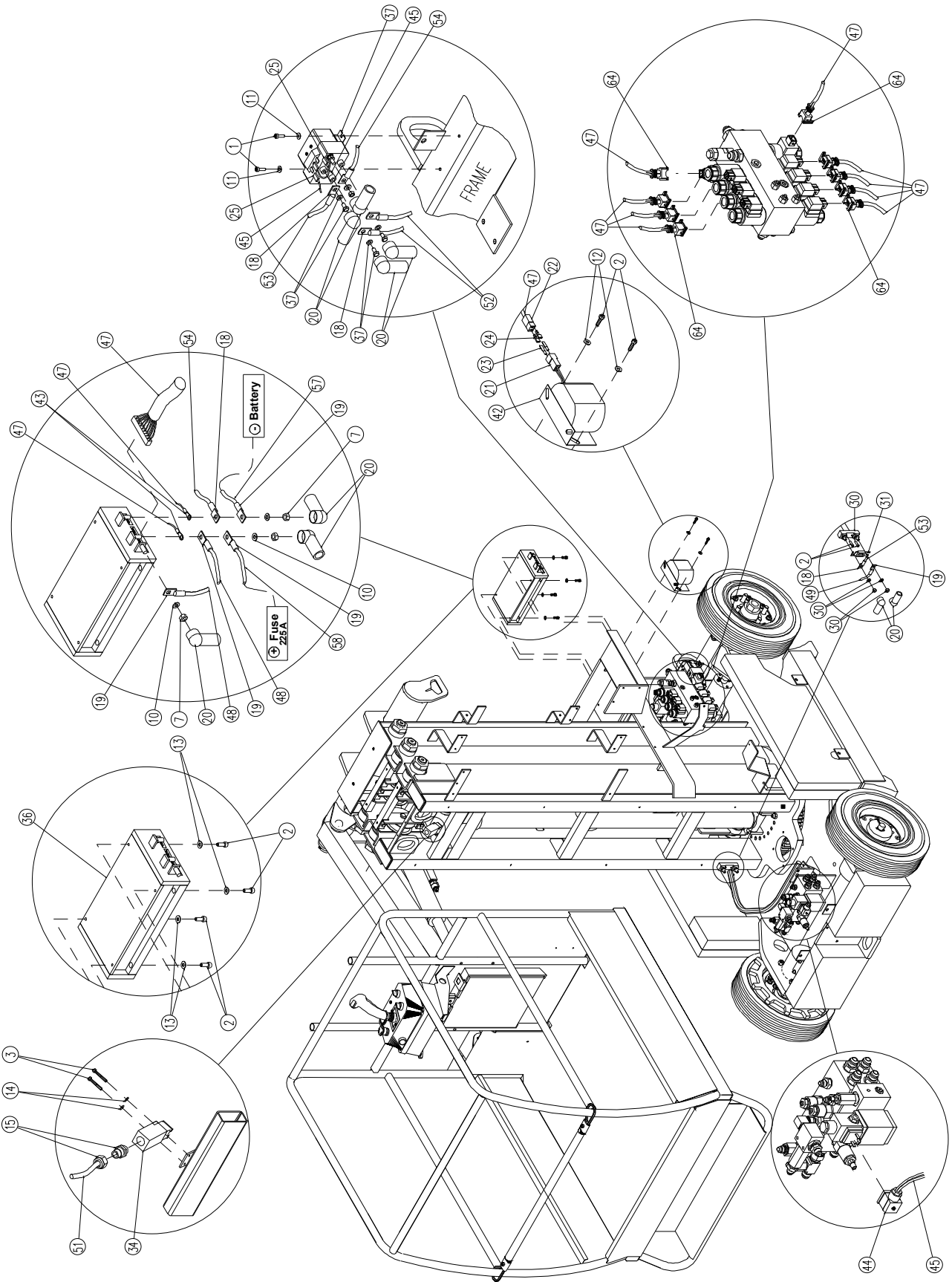
ELECTRICAL INSTALL



ELECTRICAL INSTALL



ELECTRICAL INSTALL



DATE : 13/04/00

ELECTRICAL INSTALL

MONTAGE N°/

ASSY NO : SP0377 REV : A

1/2

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	000003		M05x16 8.8 SOCKET HEAD MACH SCREW		2
2	000005		M06x20 8.8 SOCKET HEAD MACH SCREW		8
3	000007		M04x30 8.8 SOCKET HEAD CAPSCREW		4
4	000010		M05x20 8.8 SOCKET HEAD MACH SCREW		3
5			NOT REQUIRED	A	
6	100005		M06x20 8.8 HEX HEAD MACHINE SCREW		2
7	110016		M08 GR. 8.8 HEX NUT		3
8			NOT REQUIRED	A	
9	110002		M05 GR. 8.8 LOCK NUT	A	5
10	120021		HELICAL SPRING LOCK WASHER Ø8		3
11	120002		M05 WASHER	A	6
12	120004		0.6x25x1.2 WASHER		2
13	120009		dD 06x14 LOCK WASHER		6
14	120024		M04 LOCK WASHER	A	4
15	210019		GLAND N°13		2
16	250006		6 PINS MALE CONNECTOR		1
17	250008		6 PINS FEMALE CONNECTOR		1
18	250025		TERMINAL Ø8 - 25 mm ²		8
19	250030		35 mm ² x Ø8 EYE TERMINAL		7
20	250031		BOOT		13
21	250032		2 PINS FEMALE CONNECTOR		1
22	250033		2 PINS MALE CONNECTOR		1
23	250034		MALE TERMINAL 6.3mm		2
24	250035		FEMALE TERMINAL 6.3mm		2
25	250027		BLUE FEMALE TERMINAL 6.3mm		2
26	210028		3 PINS MALE CONNECTOR		1
27	210026		MALE TERMINAL	A	3
28	210025		FEMALE TERMINAL	A	3
29	210027		3 PINS FEMALE CONNECTOR		1
30	260077		POWER FUSE HOLDER		1
31	950110		63A FUSE		1
32	250101		QUICK CONNECTOR HANDLE KIT		1
33	250102		QUICK CONNECTOR		1
34	260030		2NC SWITCH		2
35	7025000797		5° TILT SENSOR		1
36	260108		ELECTRONIC CONTROLLER		1
37	260165		RELAY		1

DATE : 13/04/00

ELECTRICAL INSTALL

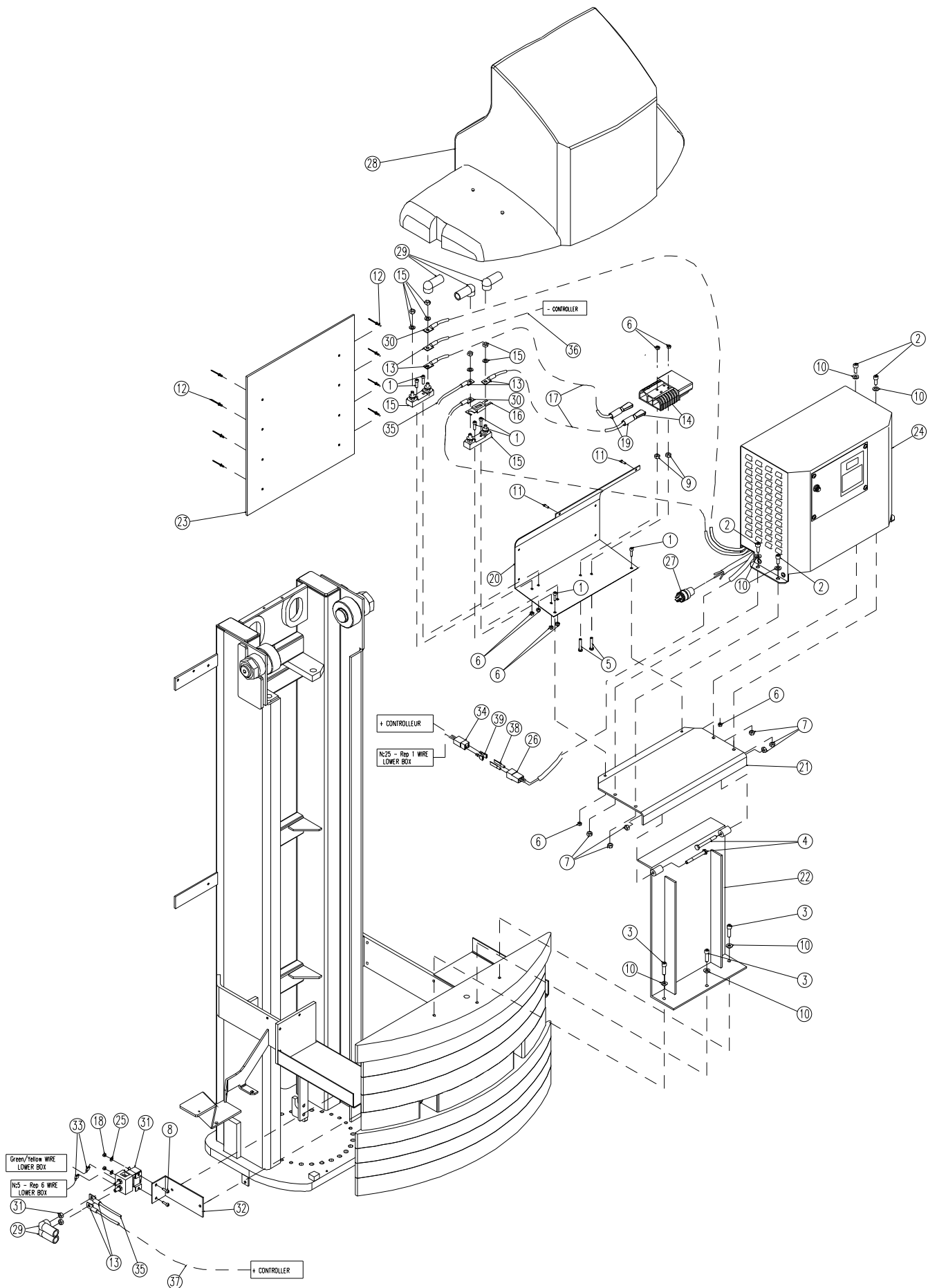
MONTAGE N°/

ASSY NO : SP0377 REV : A

2/2

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
38	260128		26 PINS CONNECTOR	A	3
39	260129		CONNECTOR GLAND	A	2
40	260130		FEMALE CONTACT	A	81
41	210020		90° CONNECTOR GLAND		1
42	7025000801		MOTION ALARM		1
43	250084		INSULATED EYE TERMINAL Ø8		2
44	7482000008		1A FUSE (included in item 7025000797)		1
45	270005		WIRE 7x1mm ² (quantity indicated in meter)		7
46	270012		WIRE 7x1mm ² (quantity indicated in meter)		0.65
47	270014		WIRE 27x1mm ² (quantity indicated in meter)		2
48	270021		WIRE 35mm ² (quantity indicated in meter)		2x1.2
49	270021		WIRE 35mm ² (quantity indicated in meter)		0.4
50	270029		WIRE 5x1mm ² (quantity indicated in meter)		1.8
51	270011		WIRE 5x1mm ² (quantity indicated in meter)		4
52	270037		WIRE 16mm ² (quantity indicated in meter)		2x0.3
53	270037		WIRE 16mm ² (quantity indicated in meter)	A	3.8
54	270037		WIRE 16mm ² (quantity indicated in meter)		5.2
55	270046		WIRE 27x1mm ² (quantity indicated in meter)	A	12.5
56	280012		SHEATH (quantity indicated in meter)		2
57	270021		WIRE 35mm ² (quantity indicated in meter)		1.3
58	270021		WIRE 35mm ² (quantity indicated in meter)		0.2
59	910031		TERMINAL (Qty:2)		1
60	270021		WIRE 35mm ² (quantity indicated in meter)		2x1.2
61		SP0488	UPPER CONTROL BOX ASSEMBLY	A	1
62		SP0489	LOWER CONTROL BOX ASSEMBLY	A	1
63		APPENDIX C	BATTERY		1
64		SECTION 4	CONNECTOR		9
65			NOT REQUIRED	A	2
66	ST2062		BRACKET	A	2

CHARGER INSTALL



DATE : 15/12/98

CHARGER INSTALL

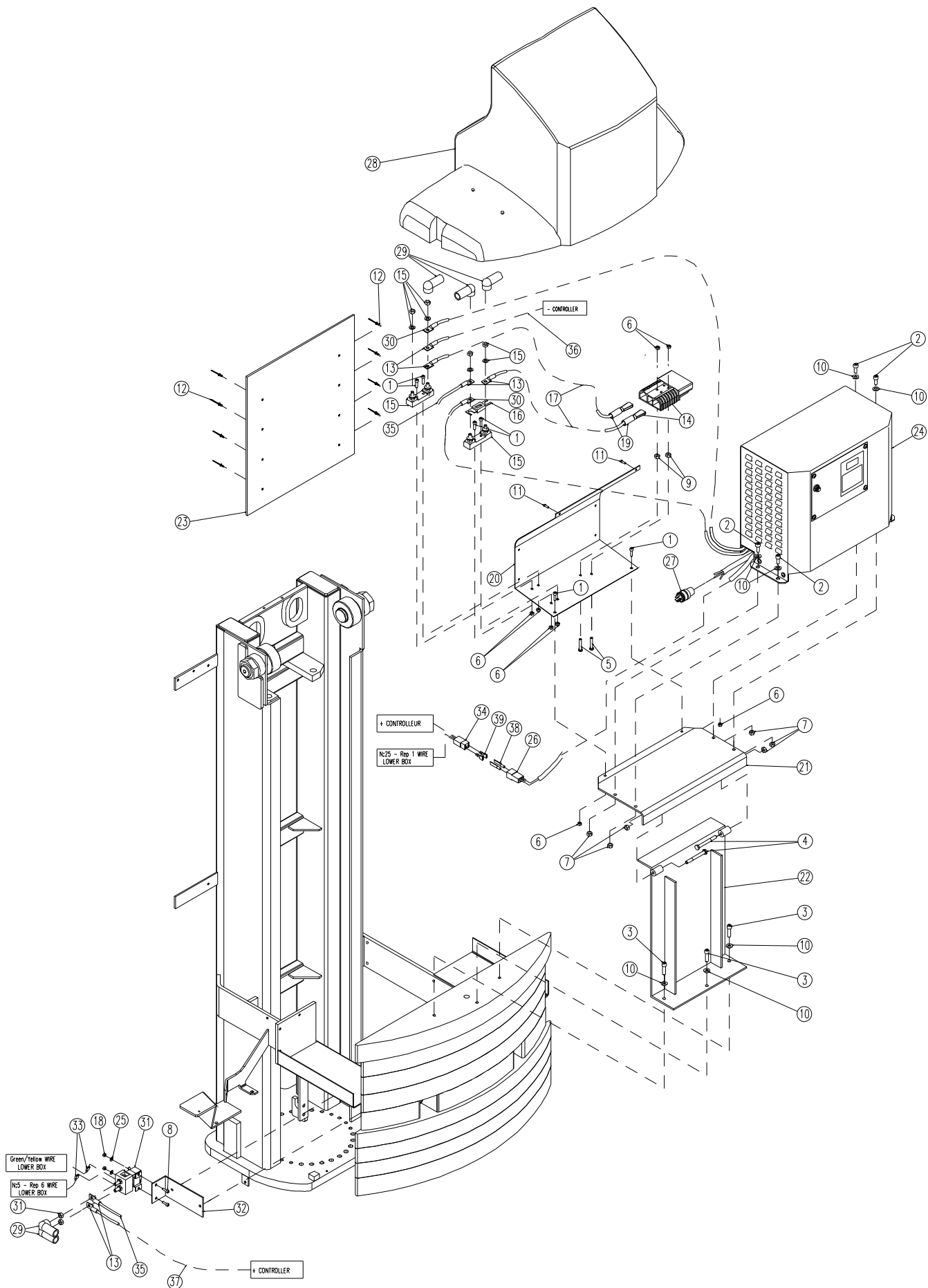
MONTAGE N°/

ASSY NO : RM0047 REV :

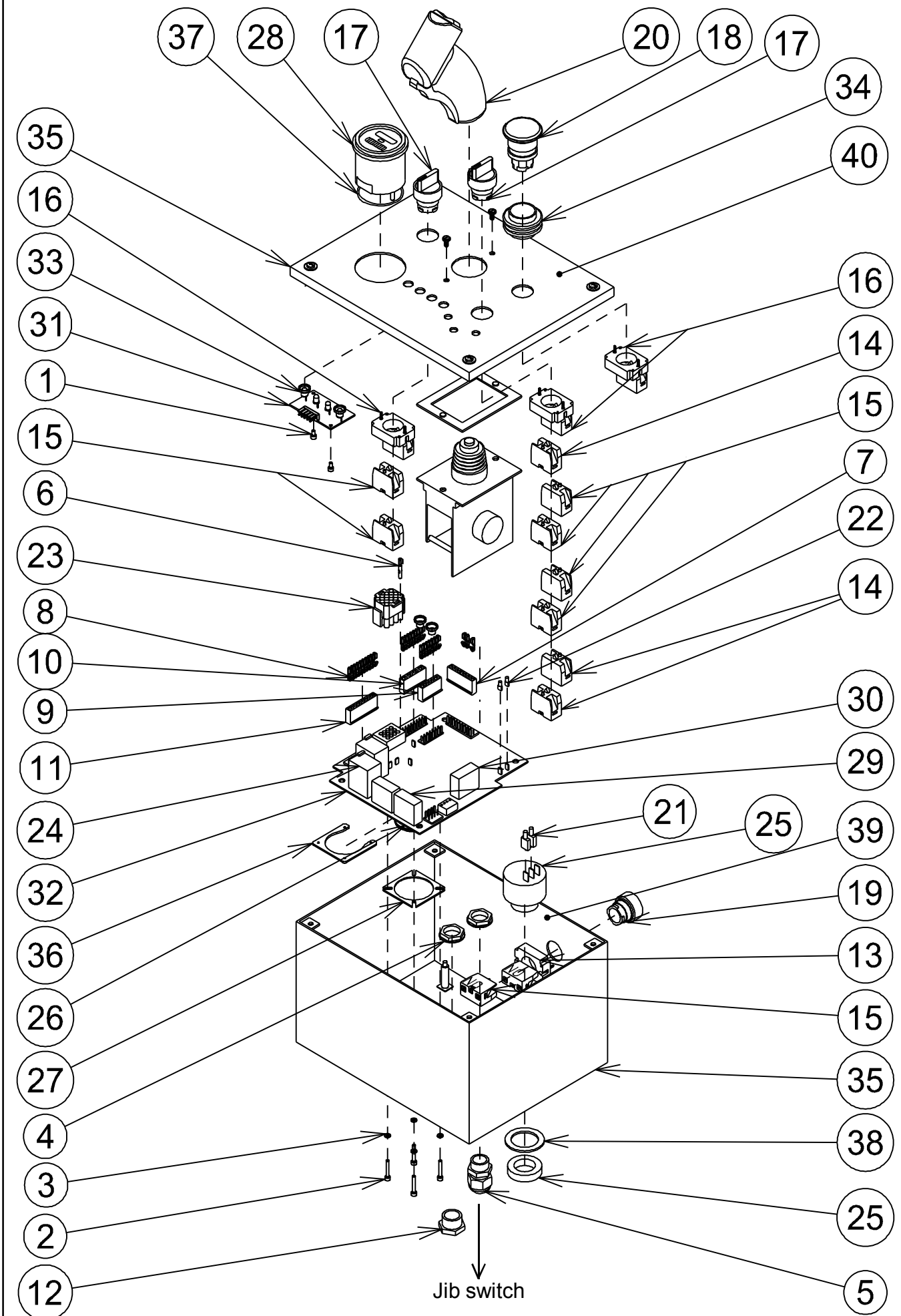
1/2

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	000005		M06x20 8.8 SOCKET HEAD MACH SCREW		6
2	000006		M08x20 8.8 SOCKET HEAD MACH SCREW		4
3	000044		M08x30 8.8 SOCKET HEAD MACH SCREW		3
4	100017		M08x70 8.8 HEX HEAD MACHINE SCREW		2
5	100004		M06x45 8.8 HEX HEAD MACHINE SCREW		2
6	110003		M06 GR. 8.8 LOCK NUT		8
7	110004		M08 GR. 8.8 LOCK NUT		6
8	000003		M05x16 8.8 SOCKET HEAD MACH SCREW		2
9	110016		M08 GR. 8.8 HEX NUT		2
10	120010		dD 08x18 LOCK WASHER		7
11	130007		Ø4.8x13 LG SHEET METAL SCREW		2
12	180009		Ø 5x16 LARGE HEAD POP RIVET		8
13	250030		35 mm ² x Ø8 EYE TERMINAL		6
14	250102		QUICK CONNECTOR		1
15	260077		POWER FUSE HOLDER		2
16	260115		225 A FUSE		1
17	270021		WIRE 35mm ² (quantity indicated in meter)		2
18	110002		M05 GR. 8.8 LOCK NUT		2
19	910031		TERMINAL (Qty:2)		1
20	ST1498		PROTECTION		1
21	ST1499		CHARGER SUPPORT		1
22	ST1500		CHARGER SUPPORT PLATE		1
23	ST1501		PROTECTION RUBBER		1
24		APPENDIX C	CHARGER		1
25	120002		M05 WASHER		2
26	250032		2 PINS FEMALE CONNECTOR		1
27	7364002824		US 125 VAC MALE CONNECTOR		1
28		SECTION 1	TOP OPEN COVER		1
29	250031		BOOT		5
30	250025		TERMINAL Ø8 - 25 mm ²		2
31	SE1003		POWER RELAY		1
32	ST1550		RELAY SUPPORT		1
33	250027		BLUE FEMALE TERMINAL 6.3mm		2
34	250033		2 PINS MALE CONNECTOR		1
35	270021		WIRE 35mm ² (quantity indicated in meter)		1
36	270021	SECTION 2	WIRE 35mm ² (quantity indicated in meter)		1
37	270021	SECTION 2	WIRE 35mm ² (quantity indicated in meter)		1

CHARGER INSTALL



UPPER CONTROL BOX ASSEMBLY



ISSUE DATE : 23/05/00

UPPER CONTROL BOX ASSEMBLY

ISSUE REL :

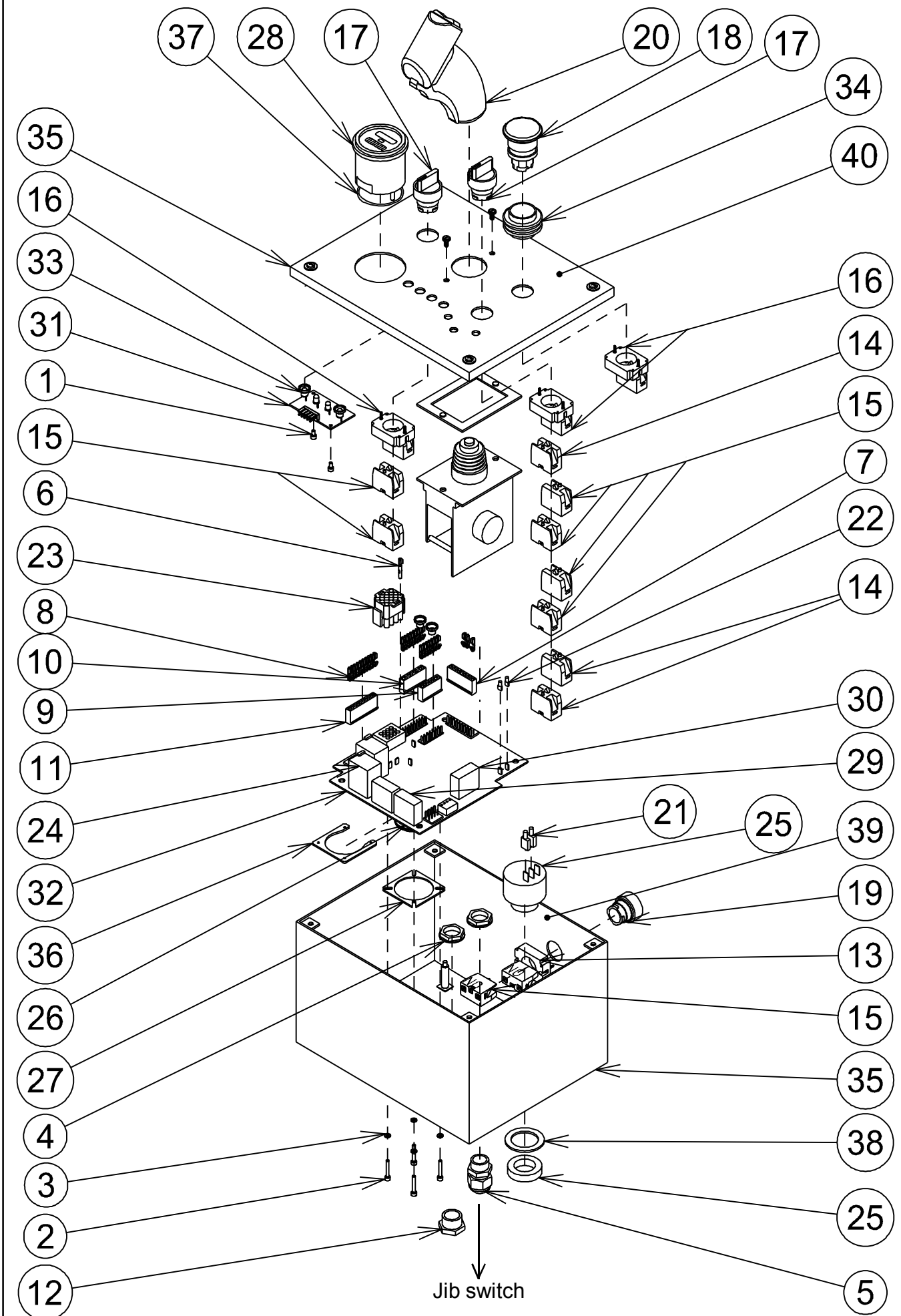
**ASSEMBLAGE BOITIER
ELECTRIQUE HAUT**

ASSY NO : SP0488 REV : A

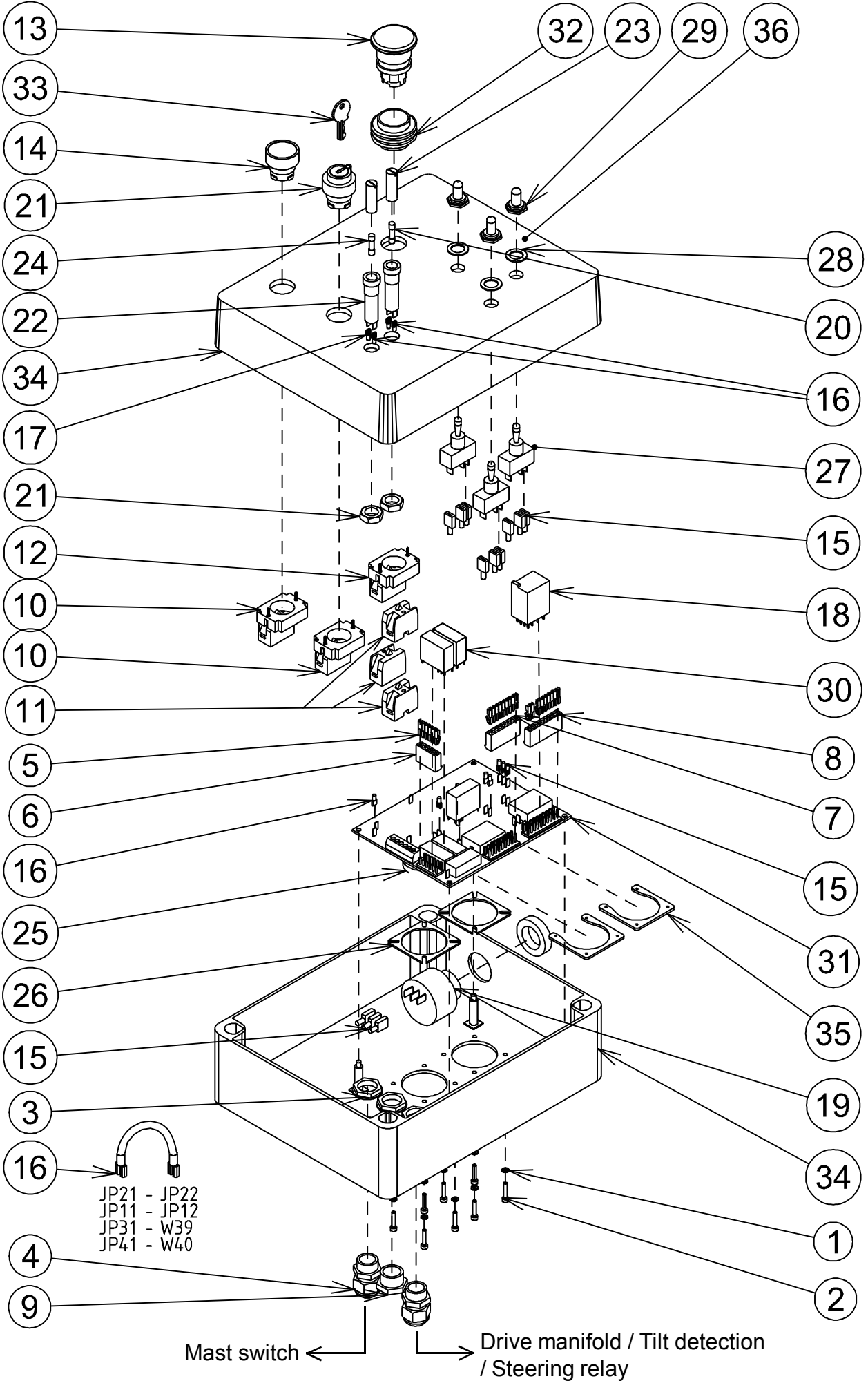
1/2

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION	REV	QTY REQ.
1	000065		M03x06 8.8 SOCKET HEAD MACH SCREW		2
2	000068		M03x18 8.8 SOCKET HEAD MACH SCREW		4
3	120023		M03 LOCK WASHER		4
4	210011		GLAND N°13 NUT		1
5	210019		GLAND N°13		2
6	210033		SOCKET CONTACT "MATE-N-LOK"		12
7	210048		9 POS. MOLEX KK 3.96 CAP HOUSING		1
8	210038		SOCKET CONTACT MOLEX		26
9	210047		7 POS. MOLEX KK 3.96 CAP HOUSING		1
10	210037		8 POS. MOLEX KK 3.96 CAP HOUSING		1
11	210049		10 POS. MOLEX KK 3.96 CAP HOUSING		1
12	210051		SHUTTER		1
13	240004		CONTACT BLOCK HOLDER NO		1
14	240005		NC CONTACT BLOCK		3
15	240006		NO CONTACT BLOCK		7
16	240013		NC CONTACT BLOCK HOLDER		3
17	240014		3 POSITIONS SELECTOR		2
18	240025		KNOB (EMERGENCY STOP SWITCH)		1
19	240026		PUSH BUTTON		1
20	940035		JOYSTICK	A	1
21	250027		BLUE RECEPTACLE TER. 6.3 - 1.5-2.5mm ²		2
22	250060		RECEPTACLE TERMINAL 4.8 - 0.25-1 mm ²		5
23	250162		12 POSITIONS "MNL" PLUG HOUSING		1
24	260042		4RT RELAY		2
25	260045		BUZZER 24 V		1
26	260126		26 POSITIONS CHASSIS PLUG HOUSING		1
27	260127		26 POSITIONS CHASSIS PLUG GASCKET		1
28	260142		24V HOURMETRE BATTERY INDICATOR		1
29	260193		1RT RELAY		2
30	260194		2RT RELAY		1
31	260195		Ø5 LED REFLECTOR		2
32	290006		ELECTRONIC BOARD		1
33	290007		LEDS CIRCUIT		1
34	900051		RUBBER BOOT		1
35	ST1891		ELECTRICAL BOX		1
36	ST1934		CONNECTOR PLATE		1
37	260209		CHARGE INDICATOR RING		1

UPPER CONTROL BOX ASSEMBLY



LOWER CONTROL BOX ASSEMBLY



ISSUE DATE : 24/05/00

ISSUE REL : **LOWER CONTROL BOX ASSEMBLY**

ASSY NO : SP0489 REV : A

1/1

DET NO.	PART NUMBER	SEE VIEW	DESCRIPTION	REV	QTY REQ.
1	120023		M03 LOCK WASHER		8
2	130038		M3x16 SLOTTED PAN HEAD MAC. SCREW		8
3	210011		GLAND N°13 NUT		3
4	210019		GLAND N°13		2
5	210038		FEMALE TERMINAL MOLEX		24
6	210046		6 PINS MOLEX CONNECTOR		1
7	210048		9 PINS MOLEX CONNECTOR		1
8	210049		10 PINS MOLEX CONNECTOR		1
9	210051		PLUG		1
10	240004		SWITCH BASE NO		2
11	240006		NO SWITCH		3
12	240013		NC SWITCH BASE		1
13	240025		KNOB (EMERGENCY STOP SWITCH)		1
14	240035		PUSH BUTTON SWITCH		1
15	250027		BLUE FEMALE TERMINAL 6.3mm		12
16	250060		INSULATED TERMINAL 4.8 mm 0.25-1 mm ²		14
17	250061		INSULATED TERMINAL 4.8 mm 1.5-2 mm ²		1
18	260042		4RT RELAY		1
19	260045		BUZZER 24 V		1
20	260074		5A QUICK ACTING FUSE		1
21	240023		3 POSITIONS SELECTOR SWITCH	A	1
22	260083		FUSE HOLDER		2
23	260084		FUSE HEAD		2
24	260104		500mA QUICK ACTING FUSE		1
25	260126		CONNECTOR		2
26	260127		CONNECTOR SEAL		2
27	260133		SWITCH		3
28	260134		SWITCH SEAL		3
29	260135		SWITCH BOOT		3
30	260193		1RT RELAY		2
31	290014		ELECTRONIC BOARD		1
32	900051		RUBBER BOOT		1
33	910003		KEY N°421		1
34	SD0470		ELECTRICAL BOX		1
35	ST1934		CONNECTOR PLATE		2
36	AU1332		LOWER CONTROL BOX DECAL	A	1

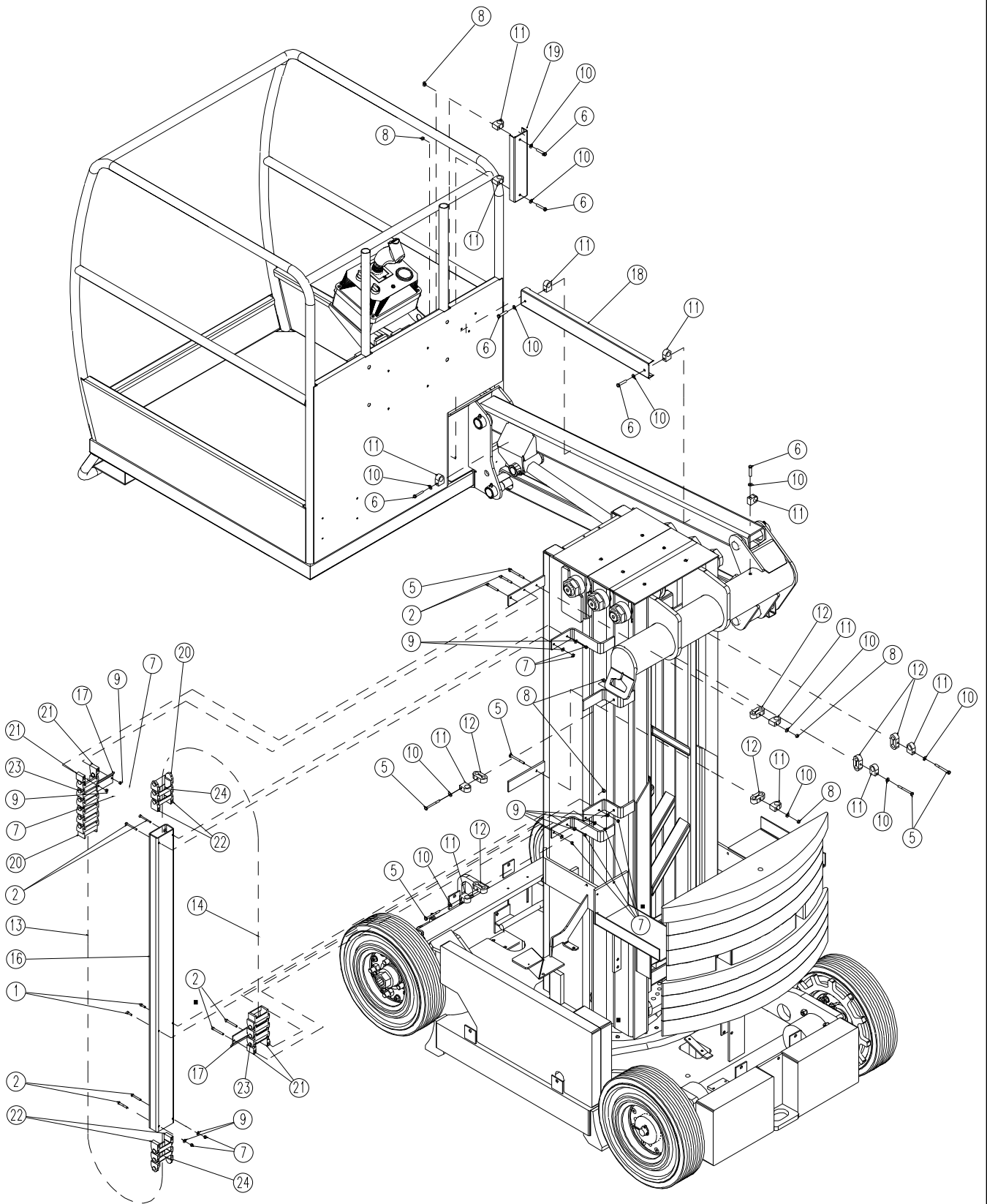
SPARE PARTS

SECTION 3

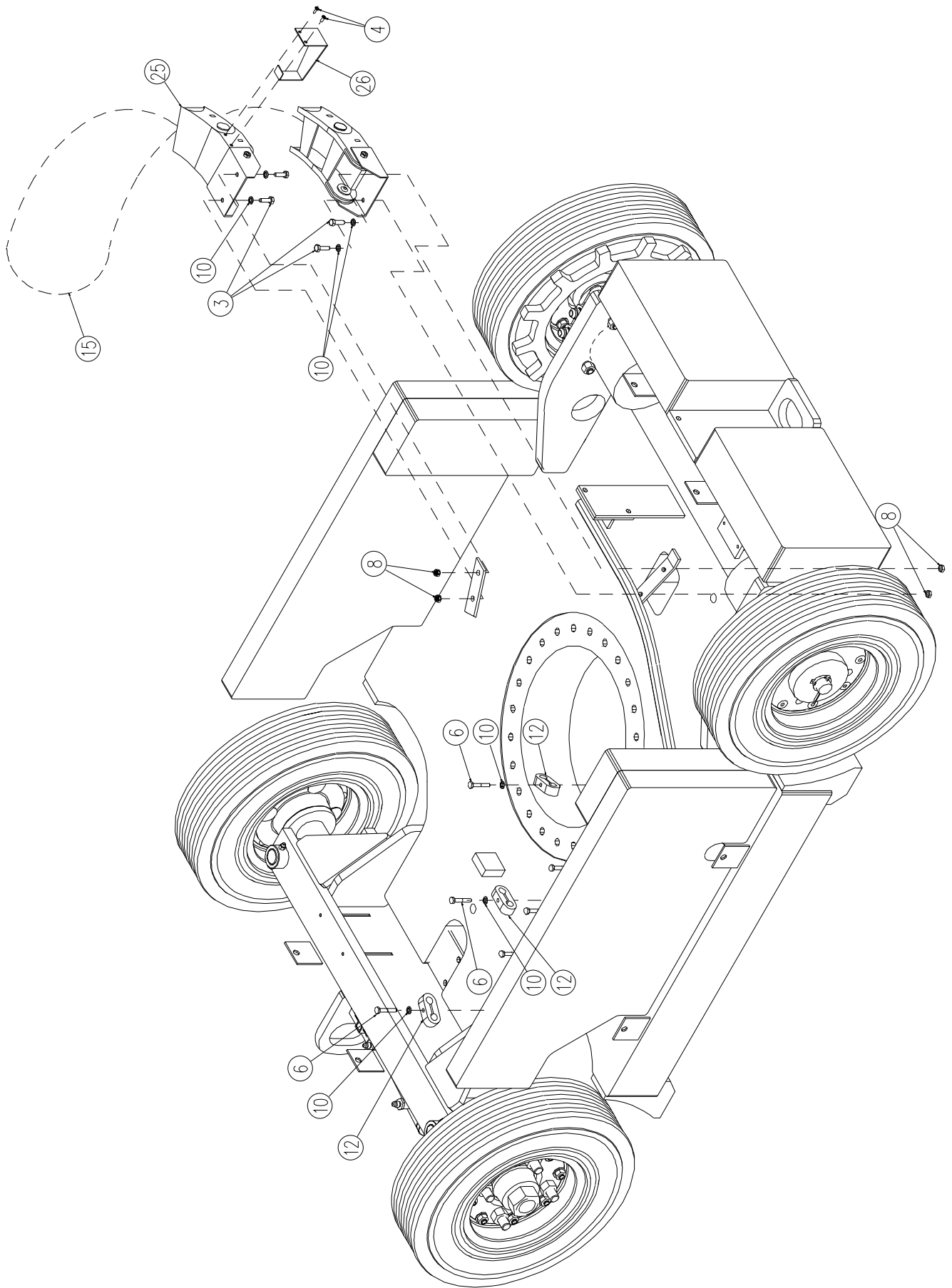
CHANNEL AND POWER BRIDGE INSTALL



CHANNEL AND POWER BRIDGE INSTALL



CHANNEL AND POWER BRIDGE INSTALL



DATE : 02/12/98

CHANNEL AND POWER BRIDGE INSTALL

MONTAGE N°/
ASSY NO : SP0352 REV :

1/1

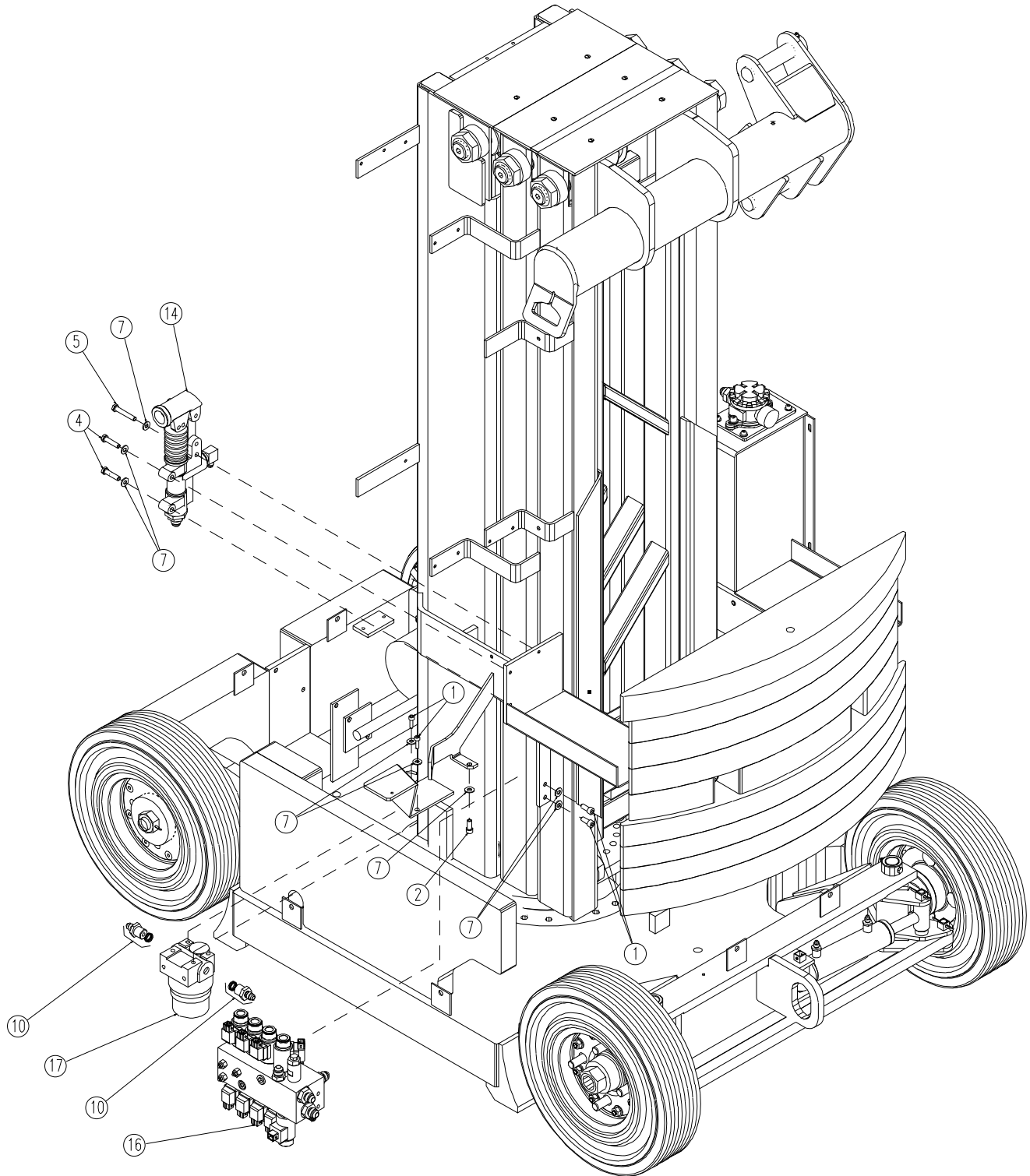
DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	000003		M05x16 8.8 SOCKET HEAD MACH SCREW		2
2	000051		M05x45 8.8 SOCKET HEAD CAPSCREW		8
3	100005		M06x20 8.8 HEX HEAD MACHINE SCREW		4
4	130007		Ø4.8x13 LG SHEET METAL SCREW		2
5	100048		M06x60 8.8 HEX HEAD CAPSCREW		6
6	100051		M06x35 8.8 HEX HEAD MACHINE SCREW		9
7	110002		M05 GR. 8.8 LOCK NUT		10
8	110003		M06 GR. 8.8 LOCK NUT		10
9	120002		M05 WASHER		10
10	120009		dD 06x14 LOCK WASHER		19
11	400045		SIMPLE CLAMP Ø16 mm		12
12	400046		PAIR 1/2 SHELLS D12 mm		9
13	ST1326		POWER BRIDGE		1
14	ST1327		POWER BRIDGE		1
15	ST1328		SWING POWER BRIDGE		1
16	ST1377		POWER BRIDGE TUBE		1
17	ST1497		CLAMPING PLATE		2
18	ST1522		JIB HOSE GUARD		1
19	ST1622		PLATFORM HOSE CHANNEL		1
20	920042		POWER BRIDGE LINK		x
21	920043		MALE ATTACHMENT LINK PAIR		2
22	920044		FEMALE ATTACHMENT LINK PAIR		2
23	920045		POWER BRIDGE PIN		x
24	920046		POWER BRIDGE COVER		x
25	920002		SWING POWER BRIDGE LINK		x
26	ST1609		FLANGE POWER BRIDGE		1

SPARE PARTS

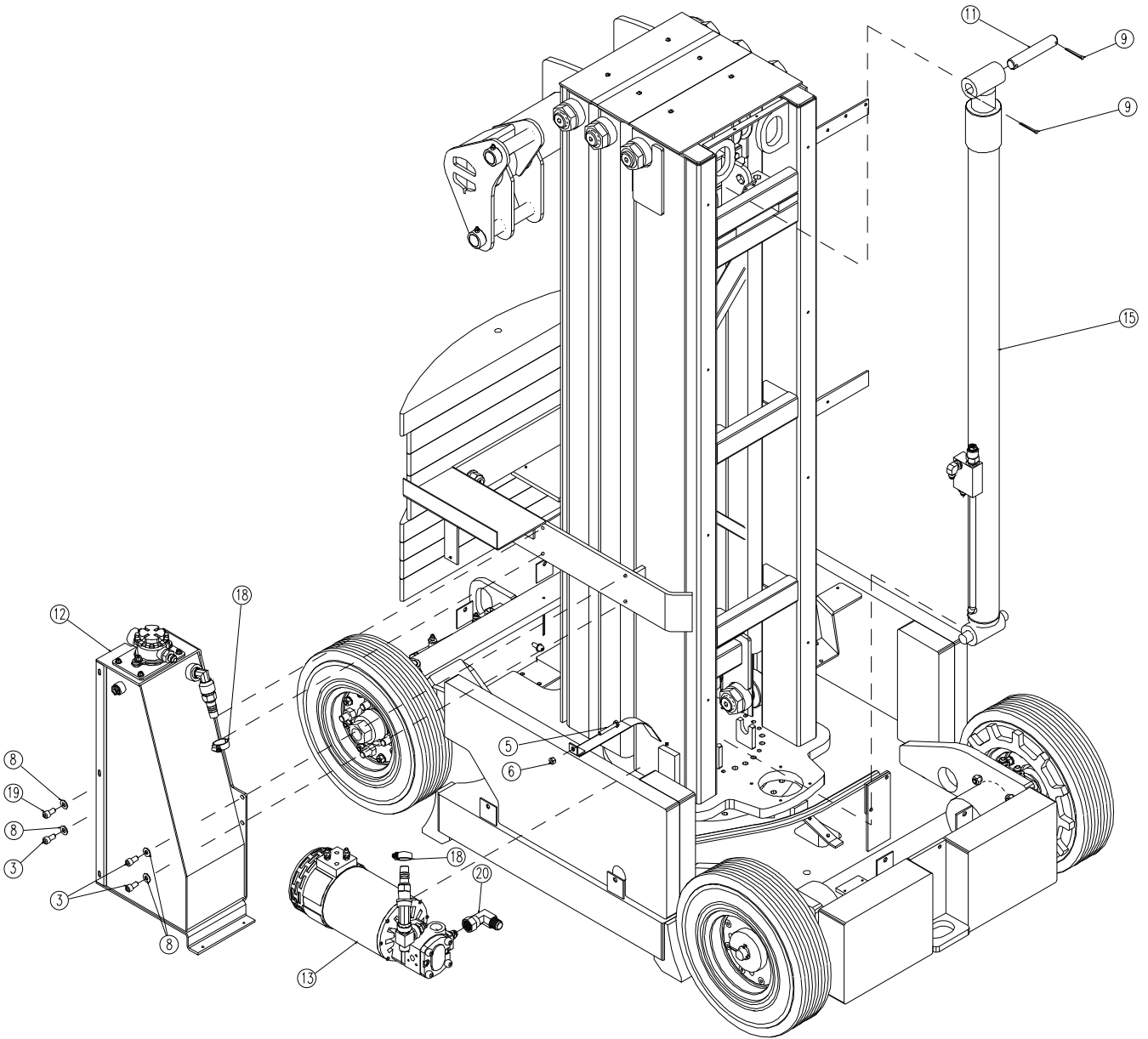
SECTION 4

HYDRAULIC INSTALL

HYDRAULIC INSTALL



HYDRAULIC INSTALL



DATE : 23/11/98

HYDRAULIC INSTALL

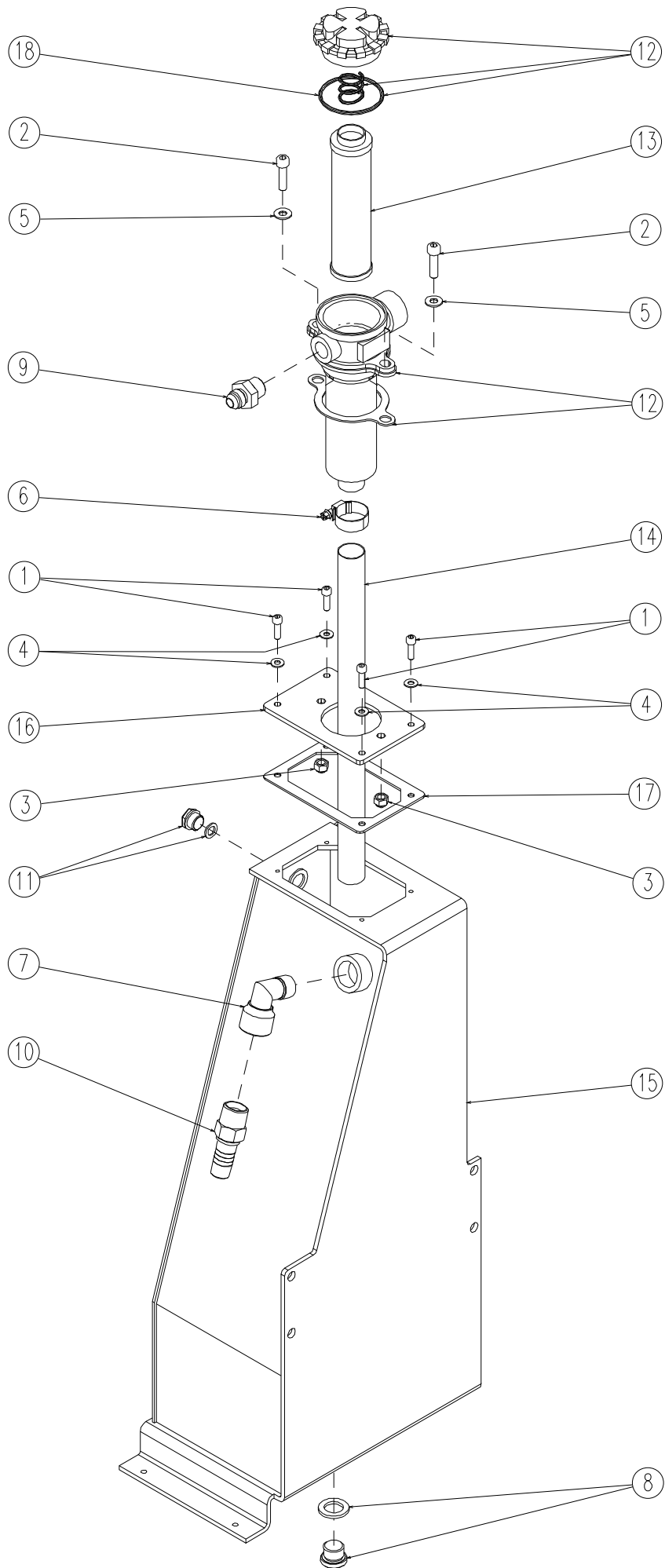
MONTAGE N°/

ASSY NO : SP0353 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	000006		M08x20 8.8 SOCKET HEAD MACH SCREW		4
2	000018		M08x16 8.8 SOCKET HEAD MACH SCREW		1
3	000028		M10x20 8.8 SOCKET HEAD MACH SCREW		3
4	100050		M08x35 8.8 HEX HEAD CAPSCREW		2
5	100063		M08x50 8.8 HEX HEAD CAPSCREW		2
6	110004		M08 GR. 8.8 LOCK NUT		1
7	120010		dD 08x18 LOCK WASHER		8
8	120011		dD 10x22 LOCK WASHER		4
9	140019		Ø4x40 COTTER PIN		2
10	300007		FITTING MALE 18x150-MALE JIC 3/4		2
11	US0358		MAST CYLINDER PIN		1
12	SP0276	SP0276	HYDRAULIC RESERVOIR ASSEMBLY		1
13	SP0277	SP0277	POWER UNIT ASSEMBLY		1
14	SP0278	SP0278	HAND PUMP ASSEMBLY		1
15	SP0350	SP0350	MAST CYLINDER ASSEMBLY		1
16	SP0280	SP0280	VALVE ASSEMBLY		1
17	310064	310064	PRESSURE FILTER		1
18	190003		CLAMP		2
19	000069		M10x16 8.8 SOCKET HEAD MACH SCREW		1
20	300008		90° ELBOW MALE - FEMALE JIC 3/4		1

HYDRAULIC RESERVOIR ASSEMBLY



DATE : 21/04/98

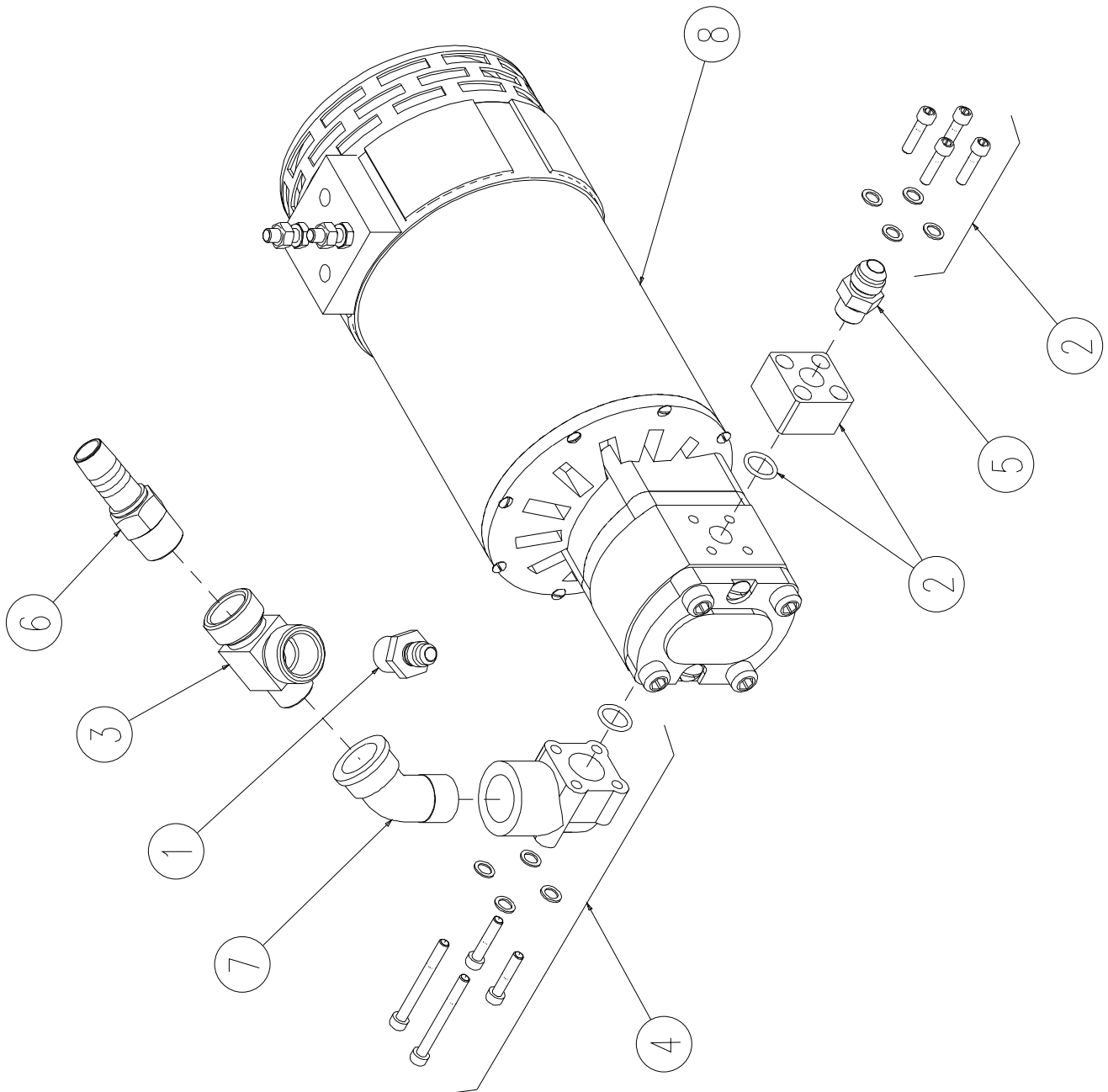
HYDRAULIC RESERVOIR ASSEMBLY

MONTAGE N°/
ASSY NO : SP0276 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	000005		M06x20 8.8 SOCKET HEAD MACH SCREW		4
2	000044		M08x30 8.8 SOCKET HEAD MACH SCREW		2
3	110004		M08 GR. 8.8 LOCK NUT		2
4	120009		dD 06x14 LOCK WASHER		4
5	120010		dD 08x18 LOCK WASHER		2
6	190041		CLAMP		1
7	300002		90° ELBOW Male BSPT3/4-Female BSPP3/4		1
8	300060		PLUG BSPP 1/2		1
9	300063		FITTING MALE BSPP1/2 MALE JIC3/4		1
10	300078		FITTING Male BSPP3/4-Male Ø19 GROOVE		1
11	310004		OIL LEVEL INDICATOR BSPP 3/8		1
12	310065		RETURN FILTER (including 930127&930129)		1
13	930127		OIL FILTER CARTRIDGE		1
14	DF0564		RETURN TUBE Ø25.4		1
15	ST1379		HYDRAULIC RESERVOIR		1
16	ST1405		HYDRAULIC RESERVOIR COVER		1
17	ST1525		COVER SEAL		1
18	930129		SEAL		1

HYDRAULIC PUMP/MOTOR ASSEMBLY



DATE : 21/04/98

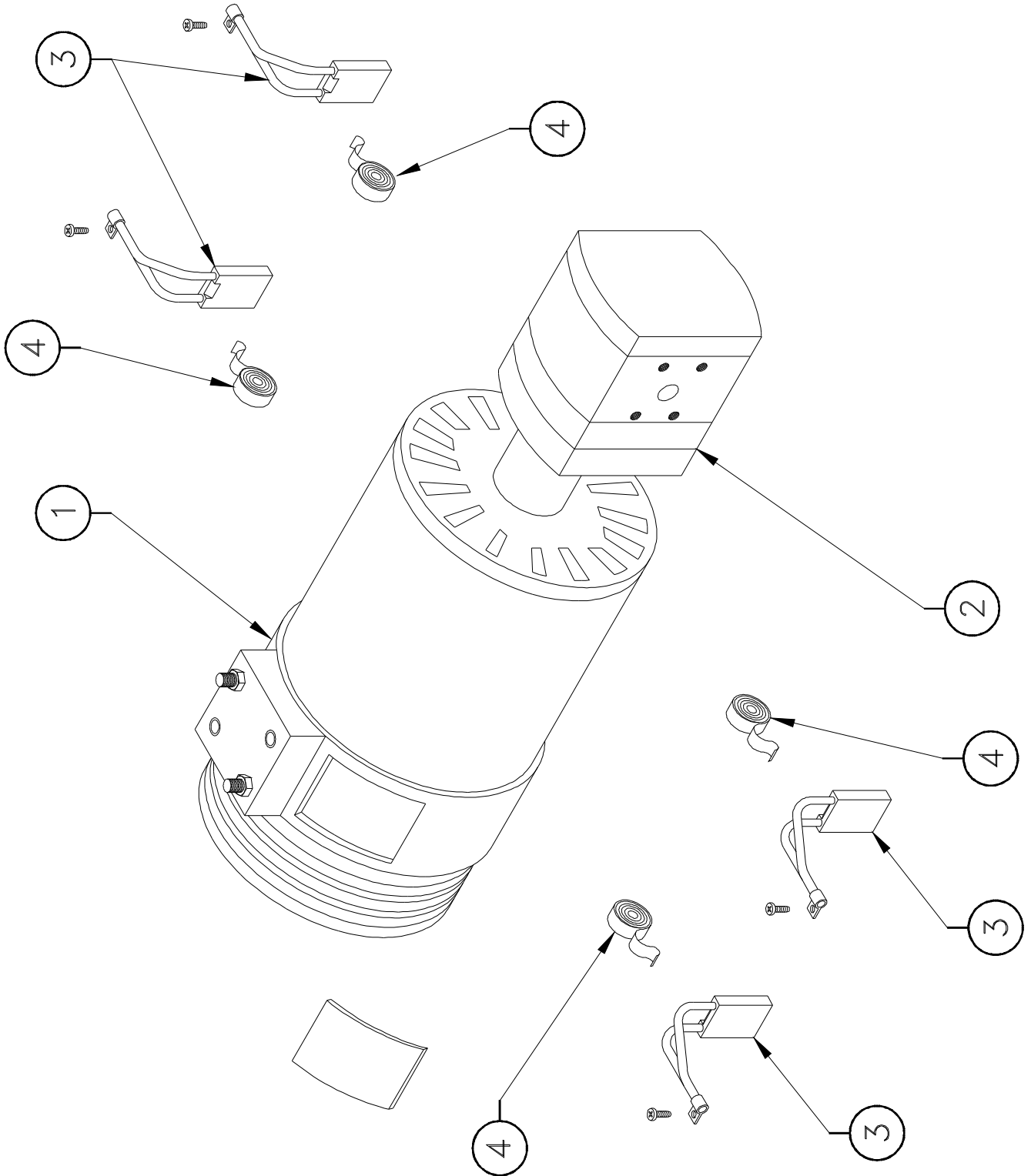
HYDRAULIC PUMP/MOTOR ASSEMBLY

MONTAGE N°/
ASSY NO : SP0277 REV :

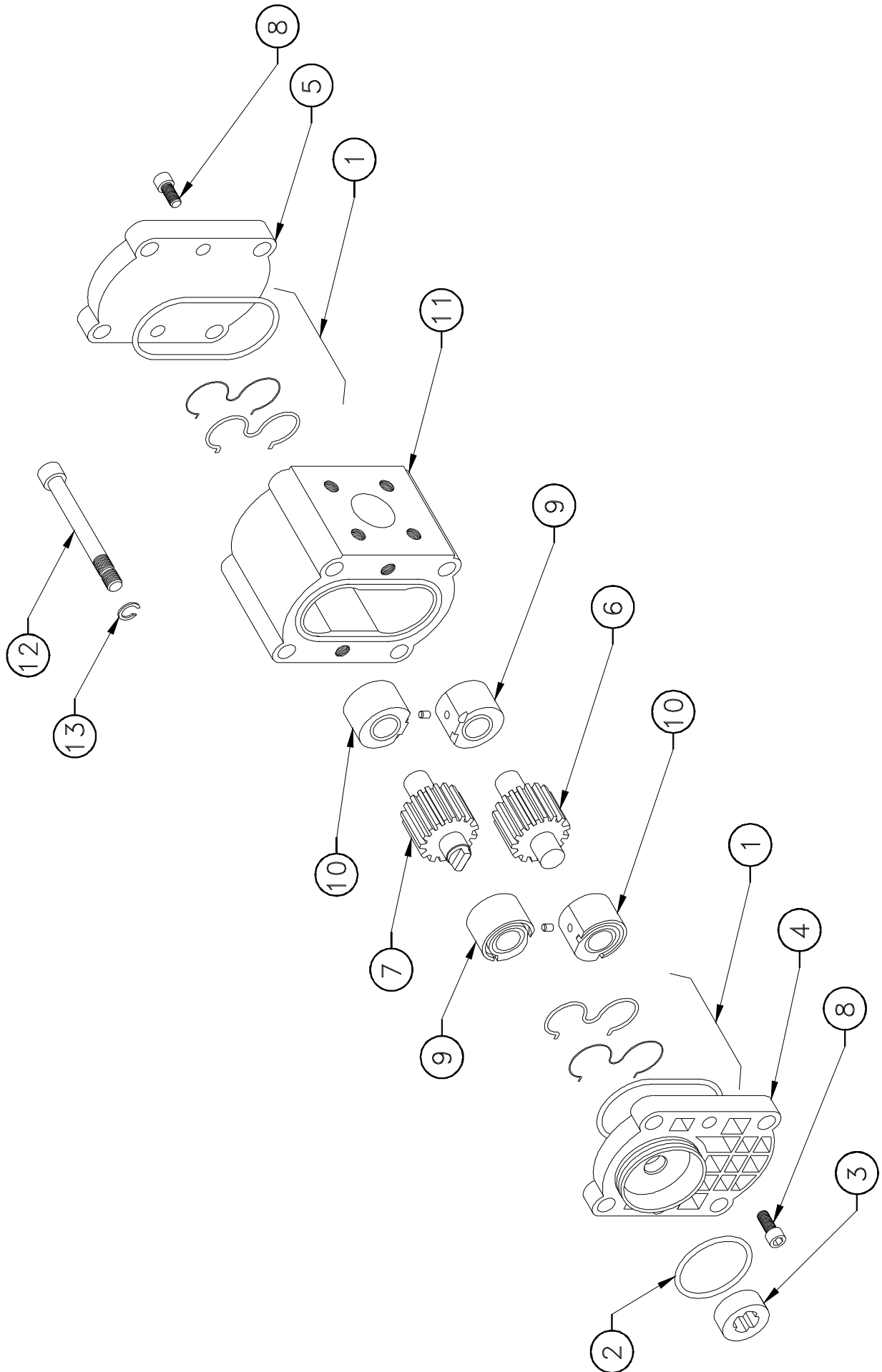
1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	300011		FITTING MALE BSPT 3/4- MALE JIC 3/4		1
2	300014		PUMP FLANGE Ø35 BSPP 3/8		1
3	300045		Tee Female BSPP3/4-Male BSPT3/4 Lateral		1
4	300046		PUMP FLANGE Ø40 BSPP 3/4		1
5	300057		FITTING MALE BSPP 3/8 - MALE JIC 3/4		1
6	300078		FITTING Male BSPP3/4-Male Ø19 GROOVE		1
7	300100		135° ELBOW Male BSPT3/4-Fem BSPP3/4		1
8	520014	520014	POWER UNIT		1

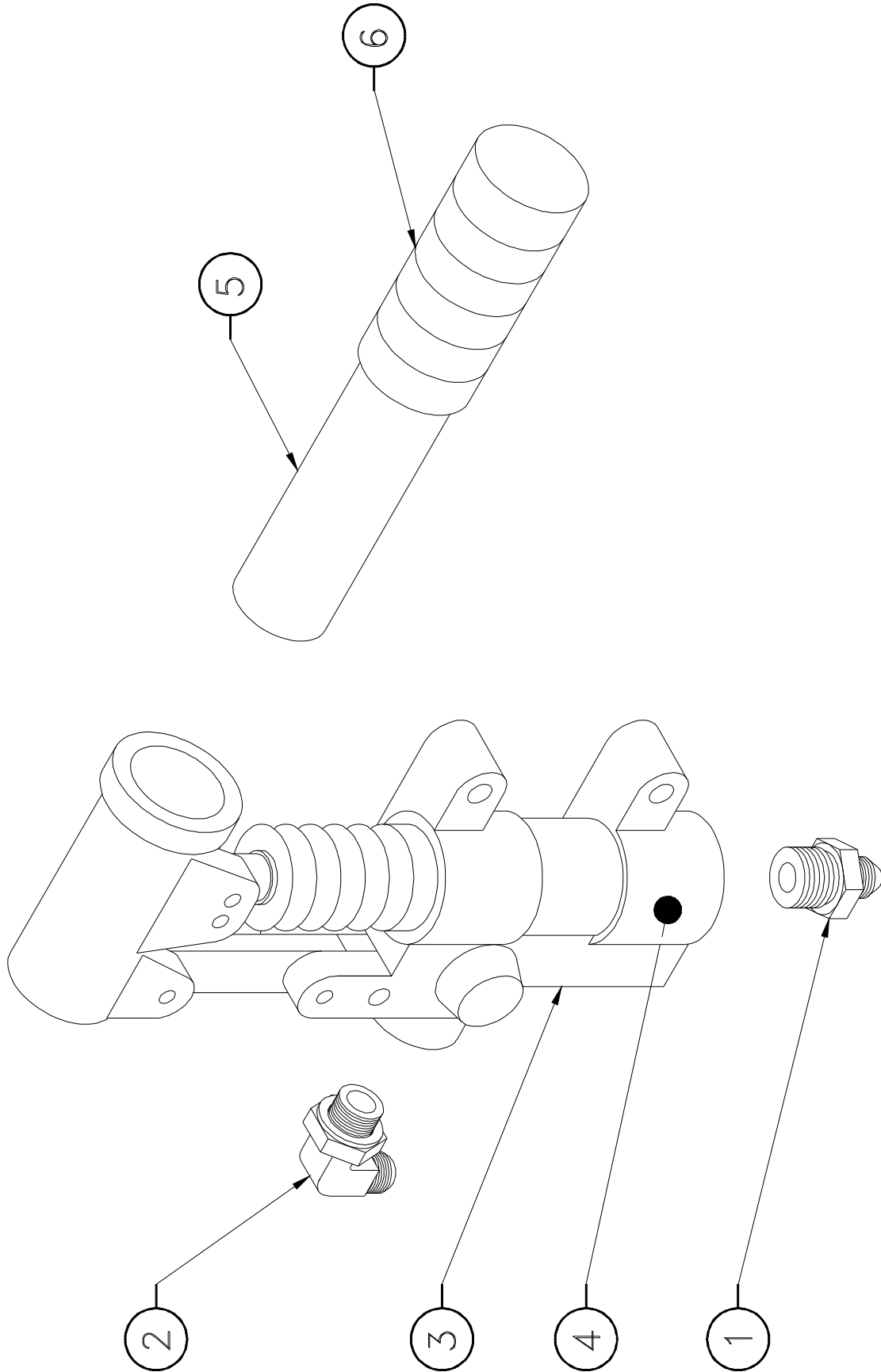
PUMP/MOTOR



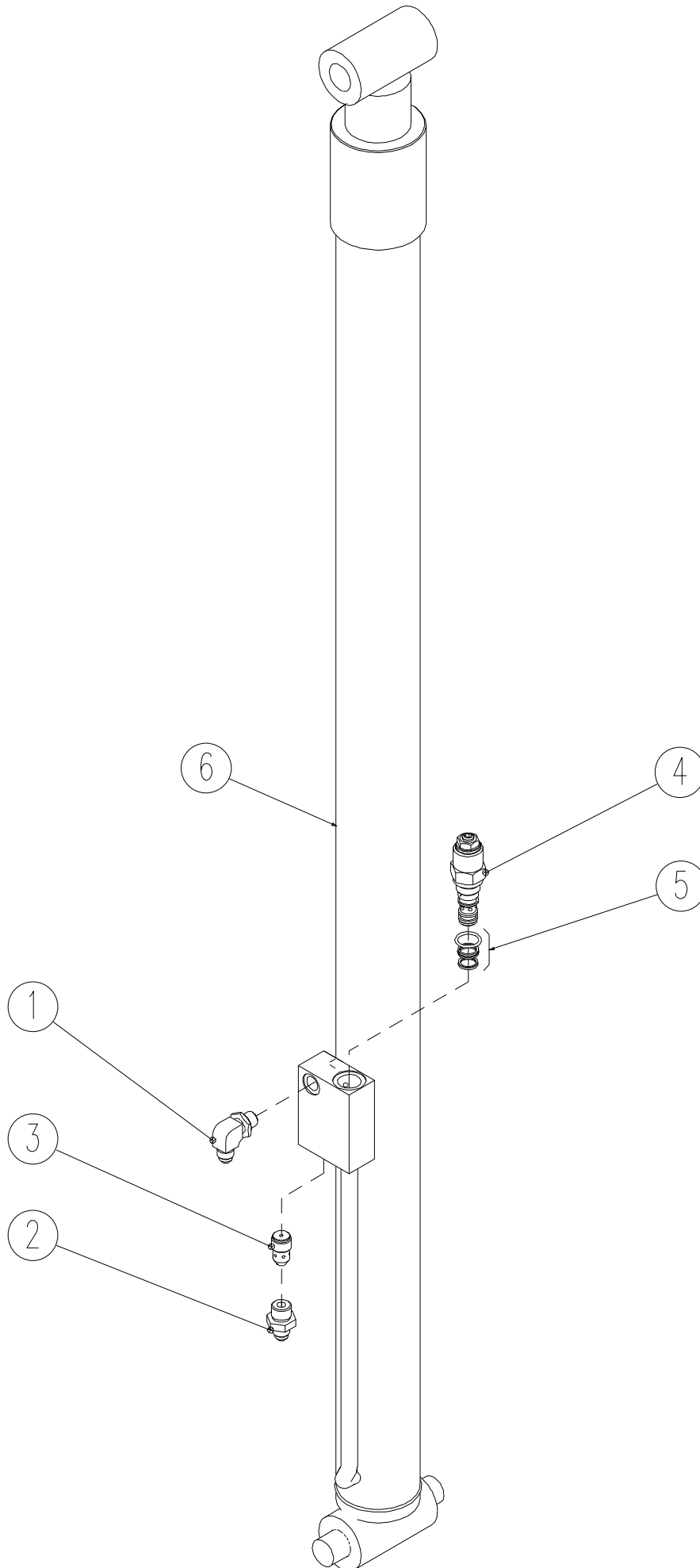
5.5 cm³/rev PUMP



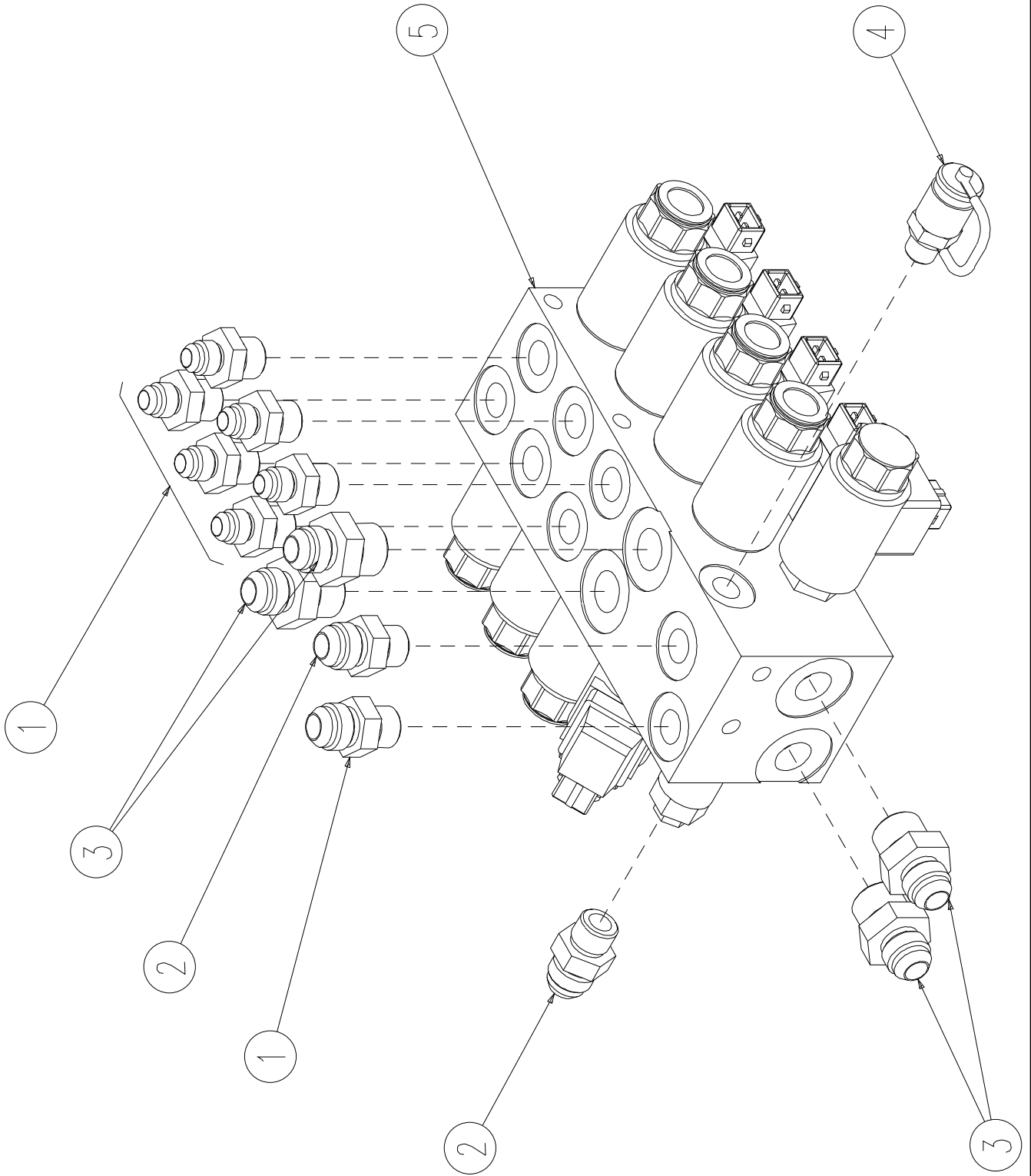
HAND PUMP ASSEMBLY



MAST CYLINDER ASSEMBLY



FUNCTION MANIFOLD ASSEMBLY



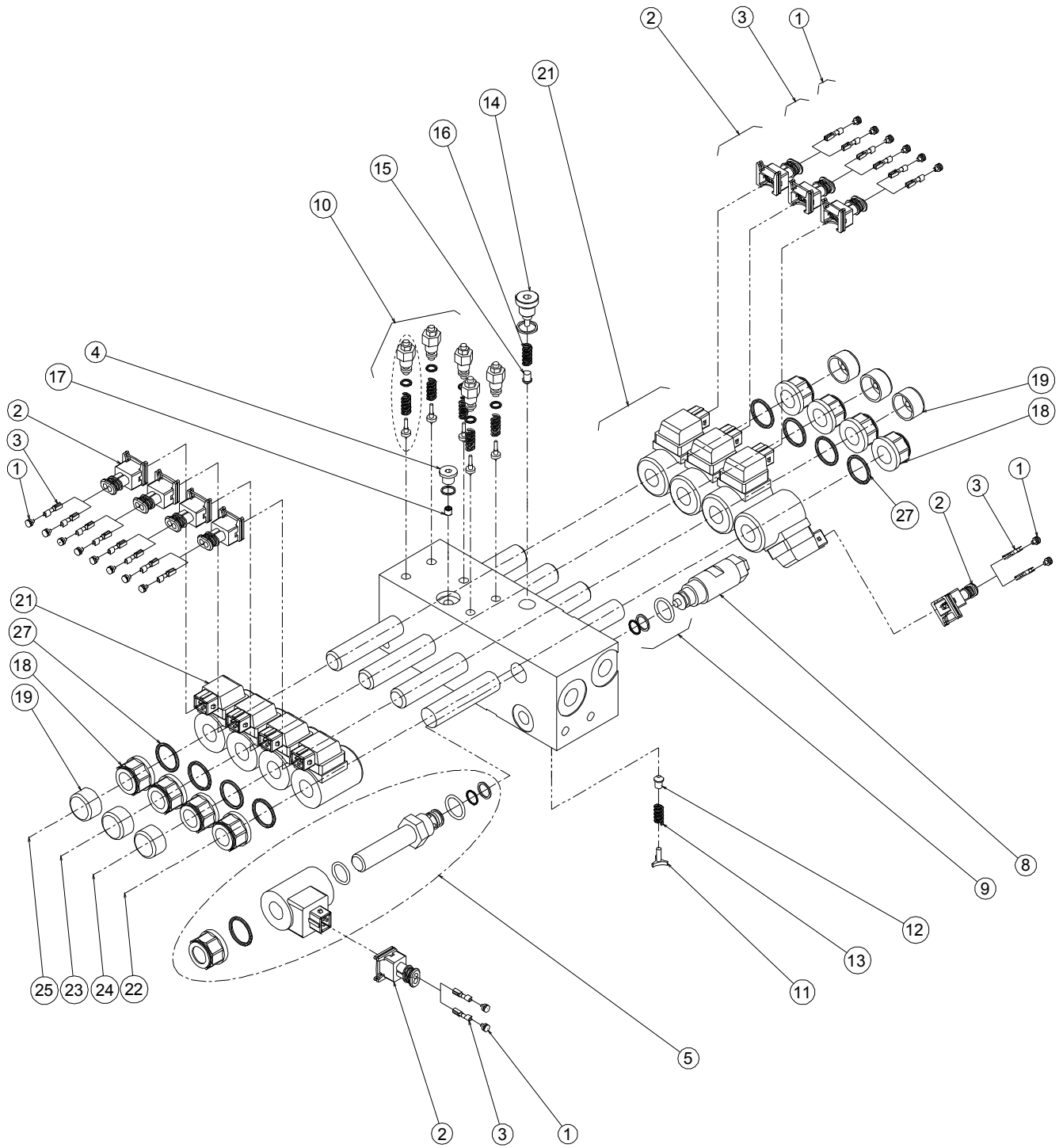
DATE : 14/11/01

VALVE ASSEMBLY

MONTAGE N°/
 ASSY NO : SP0280 REV : B

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	300040		FITTING MALE BSPP3/8 MALE JIC9/16	A	7
2	300057		FITTING MALE BSPP 3/8 - MALE JIC 3/4	A	2
3	300063		FITTING MALE BSPP1/2 MALE JIC3/4		4
4	300101		PRESSURE TEST PLUG BSPP1/4		1
5	520060	520060	FUNCTION VALVE	B	1

MANIFOLD



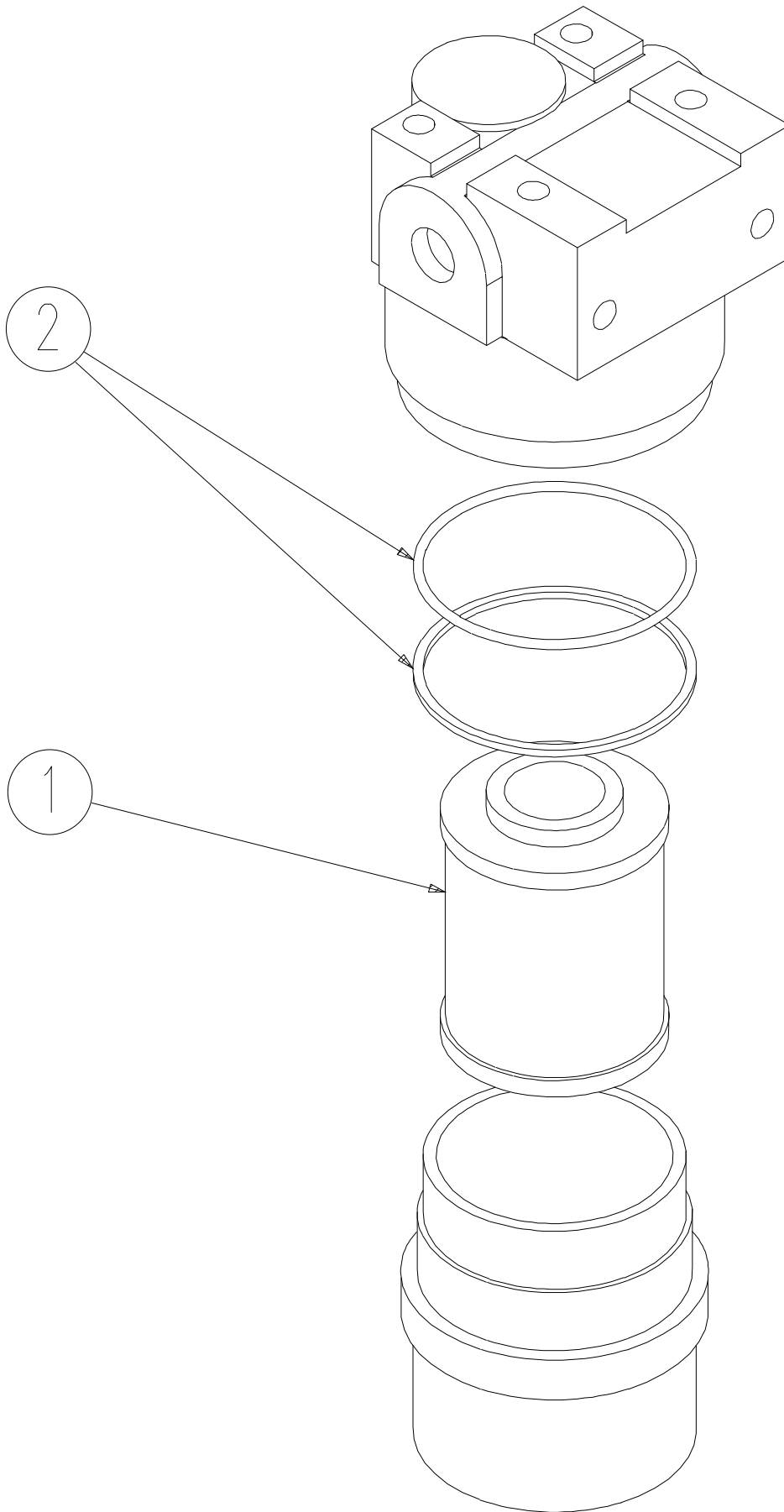
DATE : 23/03/01

FUNCTIONS VALVEMONTAGE N°/
ASSY NO : 520060 REV : A

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	260132		WIRE SEAL		18
2	260136		AMP TIMER CAP HOUSING		9
3	260137		RECEPTACLE CONTACT		18
4	920017		PLUG BSPP 1/8		1
5	952081		CARTRIDGE		1
6			NOT REQUIRED	A	
7			NOT REQUIRED	A	
8	950089		PRESSURE RELIEF VALVE		1
9	950090		SEAL KIT		1
10	950091		PRESSURE RELIEF VALVE 0 - 250 BAR		5
11	950092		SPRING GUIDE		1
12	950093		CHECK VALVE		1
13	950094		SPRING		1
14	950095		GUIDE PLUG		1
14			O RING 11.4 x 2.1 FPM 70 SHORE		1
15	950096		CHECK VALVE		1
16	950097		SPRING		1
17	950098		JET Ø 1		1
18	950112		M18x1.5 NUT		8
19	950113		CAP		6
20			NOT REQUIRED	A	
21	950115		24 VDC COIL		8
22	952041		COMPLETE SPOOL KIT	A	1
23	952042		COMPLETE SPOOL KIT	A	1
24	952043		COMPLETE SPOOL KIT	A	1
25	952044		COMPLETE SPOOL KIT	A	1
26			NOT REQUIRED	A	

PRESSURE FILTER



DATE : 24/05/00

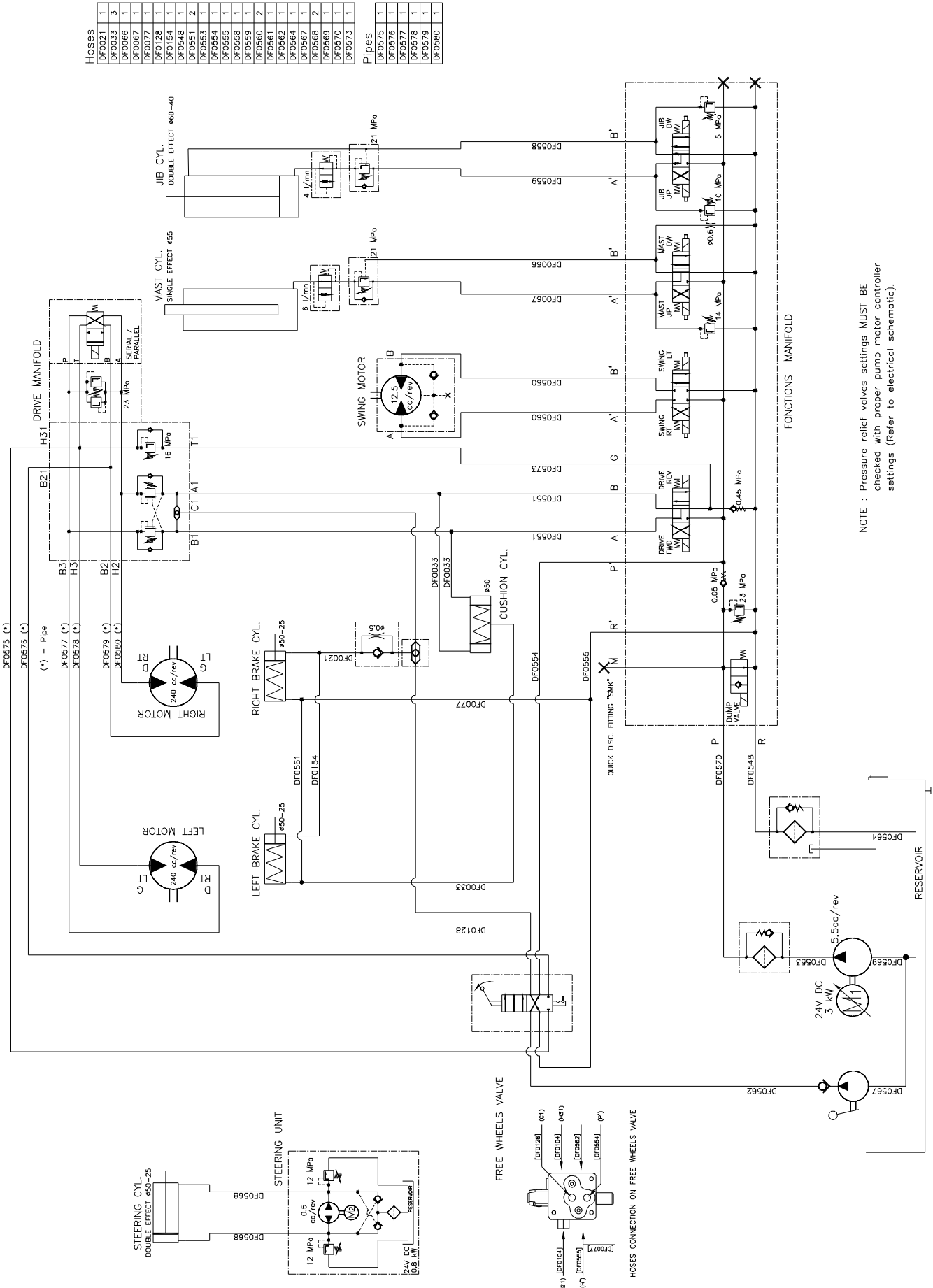
HYDRAULIC HOSES

MONTAGE N°/
 ASSY NO : SP0343 REV : A

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	DF0021		HOSE 1/4-PARKER 491-0070cm-JIC Fem Swivel 9/16-JIC Fem Swivel 9/16		1
2	DF0033		HOSE 1/4-PARKER 491-0040cm-JIC Fem Swivel 9/16-90°-JIC Fem Swivel 9/16-90°-0°		3
3	DF0066		HOSE 1/4-PARKER 491-0120cm-JIC Fem Swivel 9/16-JIC Fem Swivel 9/16-90°		1
4	DF0067		HOSE 5/16-PARKER 491-0110cm-JIC Fem Swivel 9/16-JIC Fem Swivel 9/16-90°		1
5	DF0077		HOSE 1/4-PARKER 491-0025cm-JIC Fem Swivel 9/16-JIC Fem Swivel 9/16		1
6			NOT REQUIRED	A	
7	DF0128		HOSE 1/4-PARKER 491-0040cm-JIC Fem Swivel 9/16-JIC Fem Swivel 9/16-90°		1
8	DF0154		HOSE 1/4-PARKER 491-0070cm-JIC Fem Swivel 9/16-JIC Fem Swivel 9/16-90°		1
9	DF0548		HOSE 1/2-PARKER 491-0220cm-JIC Fem Swivel 3/4-90°-JIC Fem Swivel 3/4-90°-180°		1
10			NOT REQUIRED	A	
11			NOT REQUIRED	A	
12	DF0551		HOSE 1/2-PARKER 491-0350cm-JIC Fem Swivel 3/4-JIC Fem Swivel 3/4-90°		2
13	DF0553		HOSE 1/2-PARKER 491-0055cm-JIC Fem Swivel 3/4-JIC Fem Swivel 3/4-90°		1
14	DF0554		HOSE 3/8-PARKER 491-0320cm-JIC Fem Swivel 3/4-JIC Fem Swivel 3/4-90°		1
15	DF0555		HOSE 3/8-PARKER 491-0390cm-JIC Fem Swivel 3/4-JIC Fem Swivel 3/4-90°		1
16	DF0557		HOSE 5/16-PARKER 491-0340cm-JIC Fem Swivel 3/4-JIC Fem Swivel 3/4-90°		1
17	DF0558		HOSE 1/4-PARKER 491-0780cm-JIC Fem Swivel 9/16-JIC Fem Swivel 9/16-90°		1
18	DF0559		HOSE 5/16-PARKER 491-0780cm-JIC Fem Swivel 9/16-JIC Fem Swivel 9/16-90°		1
19	DF0560		HOSE 1/4-PARKER 491-0110cm-JIC Fem Swivel 9/16-90°-JIC Fem Swivel 9/16-90°-0°		2
20	DF0561		HOSE 1/4-PARKER 491-0032cm-JIC Fem Swivel 9/16-JIC Fem Swivel 9/16		1
21	DF0562		HOSE 1/4-PARKER 491-0360cm-JIC Fem Swivel 9/16-JIC Fem Swivel 9/16		1
22	DF0567		HOSE 3/8-PARKER 491-0130cm-JIC Fem Swivel 3/4-JIC Fem Swivel 3/4-90°		1
23	DF0568		HOSE 1/4-PARKER 491-0035cm-JIC Fem Swivel 7/16-90°-JIC Fem Swivel 7/16-90°-0°		2
24	DF0569		HOSE Ø19-Ø30-Parker 491-0060cm		1
25	DF0570		HOSE 1/2-PARKER 491-0062cm-JIC Fem Swivel 3/4-JIC Fem Swivel 3/4-90°		1
26	DF0575		PIPE Ø10 x Ø08 FEMALE SWIVEL NUTS 9/16 JIC 74°	A	1
27	DF0576		PIPE Ø10 x Ø08 FEMALE SWIVEL NUTS 9/16 JIC 74°	A	1
28	DF0577		PIPE Ø12 x Ø09 FEMALE SWIVEL NUTS 3/4 JIC 74°	A	1
29	DF0578		PIPE Ø12 x Ø09 FEMALE SWIVEL NUTS 3/4 JIC 74°	A	1
30	DF0579		PIPE Ø12 x Ø09 FEMALE SWIVEL NUTS 3/4 JIC 74°	A	1
31	DF0580		PIPE Ø12 x Ø09 FEMALE SWIVEL NUTS 3/4 JIC 74°	A	1

HYDRAULIC SCHEMATIC



Hoses		Pipes	
DF0021	1	DF0575	1
DF0033	3	DF0576	1
DF0066	1	DF0577	1
DF0067	1	DF0578	1
DF0077	1	DF0579	1
DF0128	1	DF0570	1
DF0154	1	DF0573	1
DF0548	1		
DF0551	2		
DF0553	1		
DF0554	1		
DF0555	1		
DF0558	1		
DF0559	1		
DF0560	2		
DF0561	1		
DF0562	1		
DF0564	1		
DF0567	1		
DF0568	2		
DF0569	1		
DF0570	1		
DF0573	1		

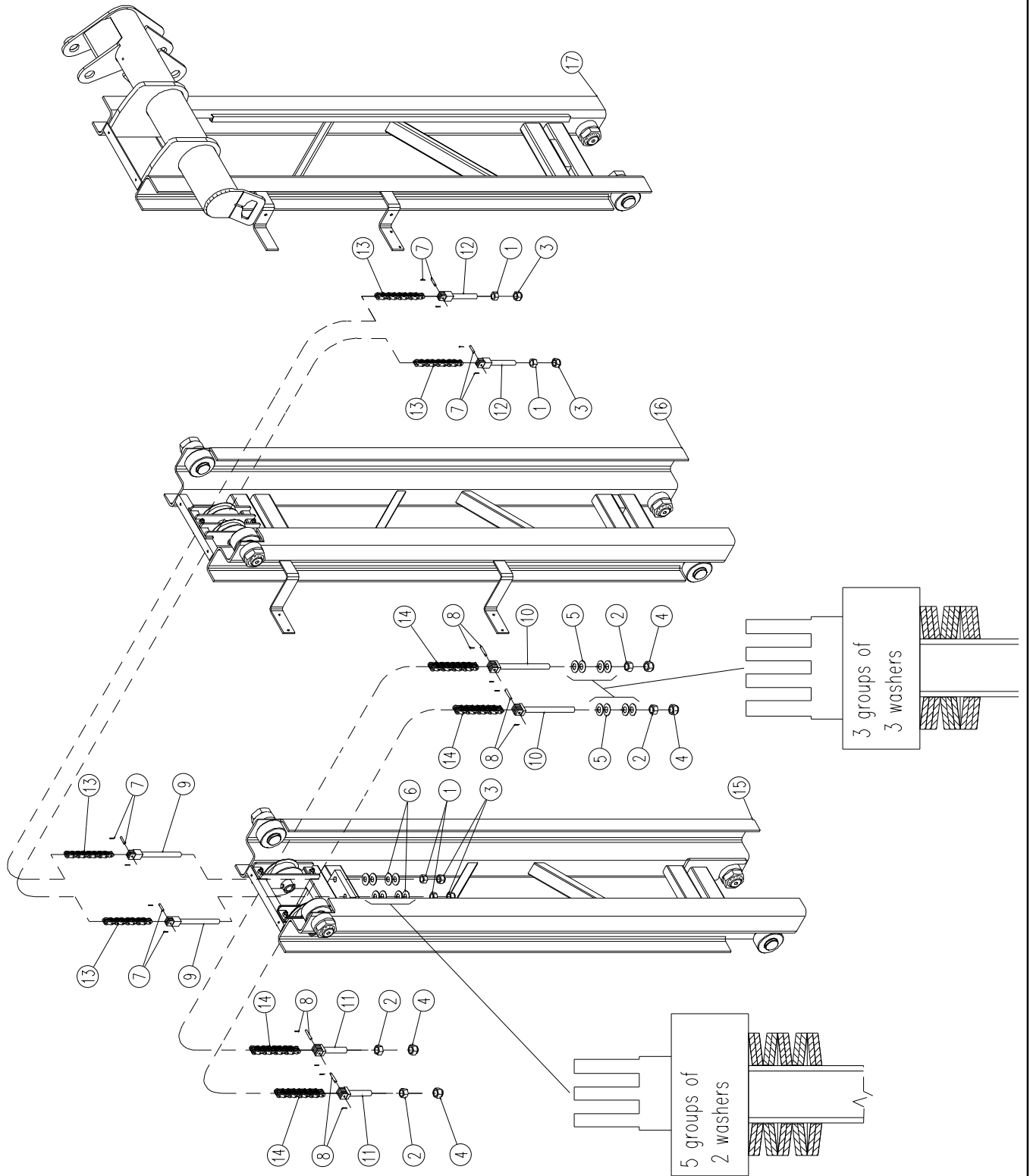
NOTE : Pressure relief valves MUST BE checked with proper pump motor controller settings (Refer to electrical schematic).

SPARE PARTS

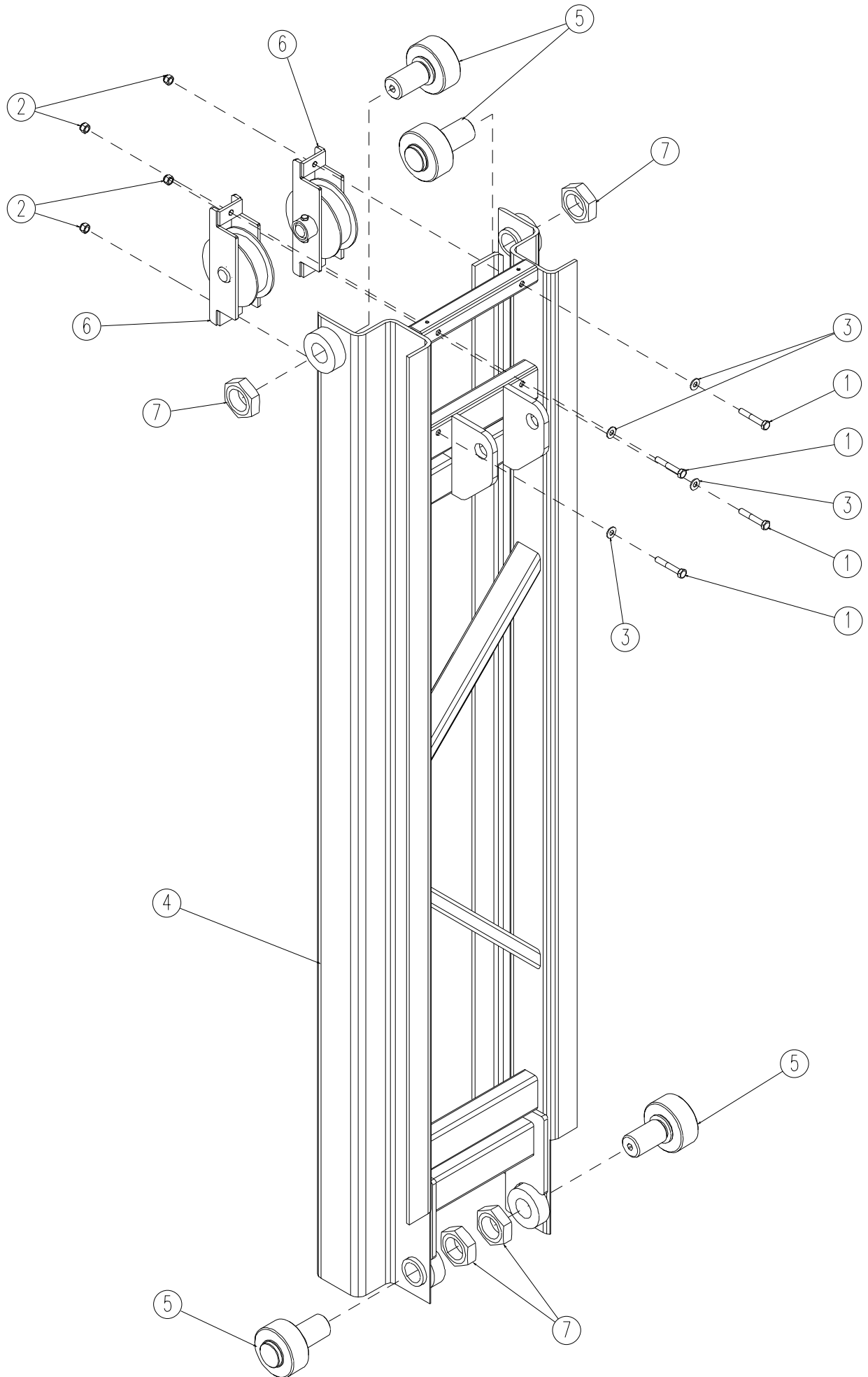
SECTION 5

MAST INSTALL

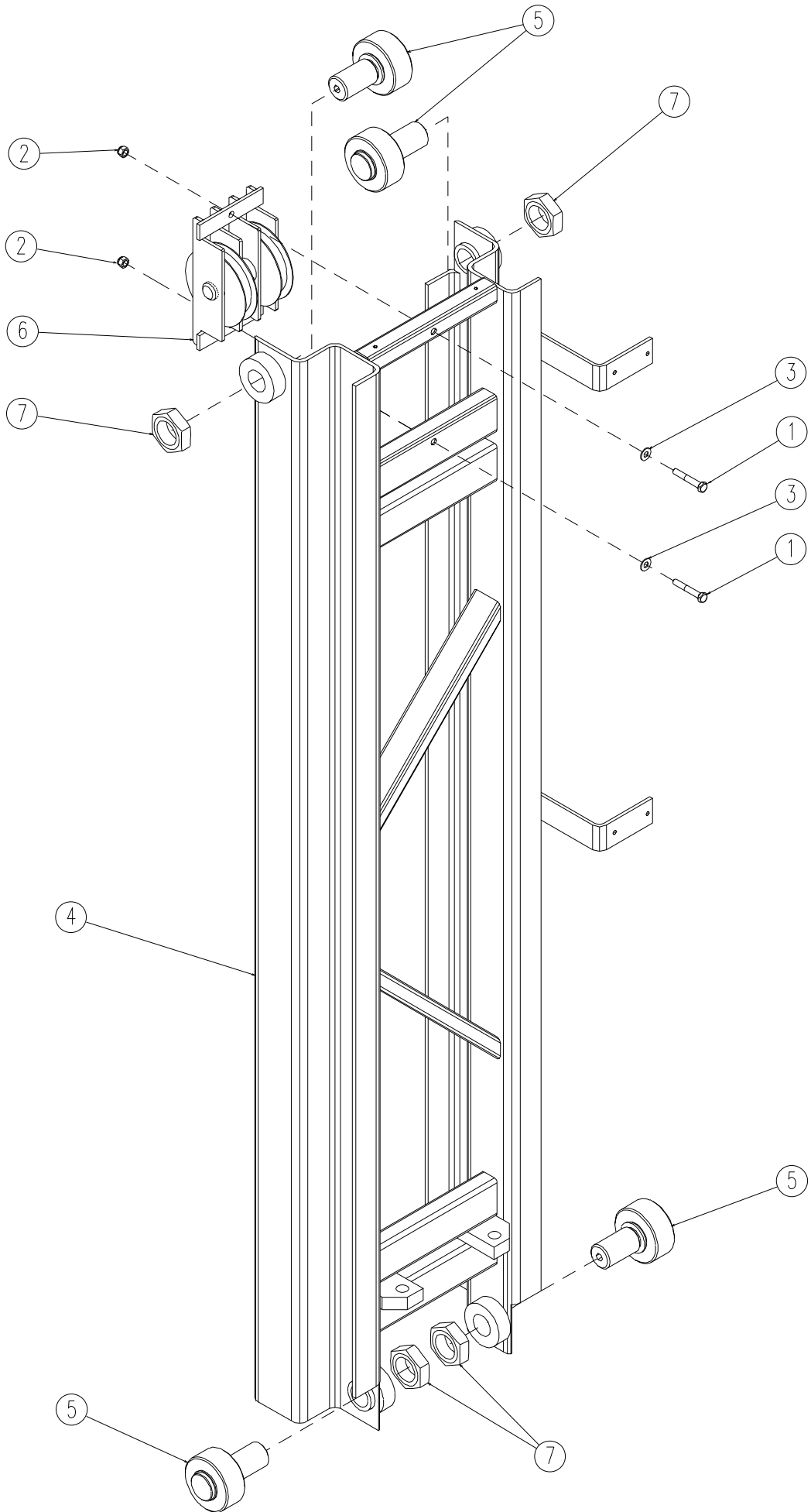
MAST INSTALL



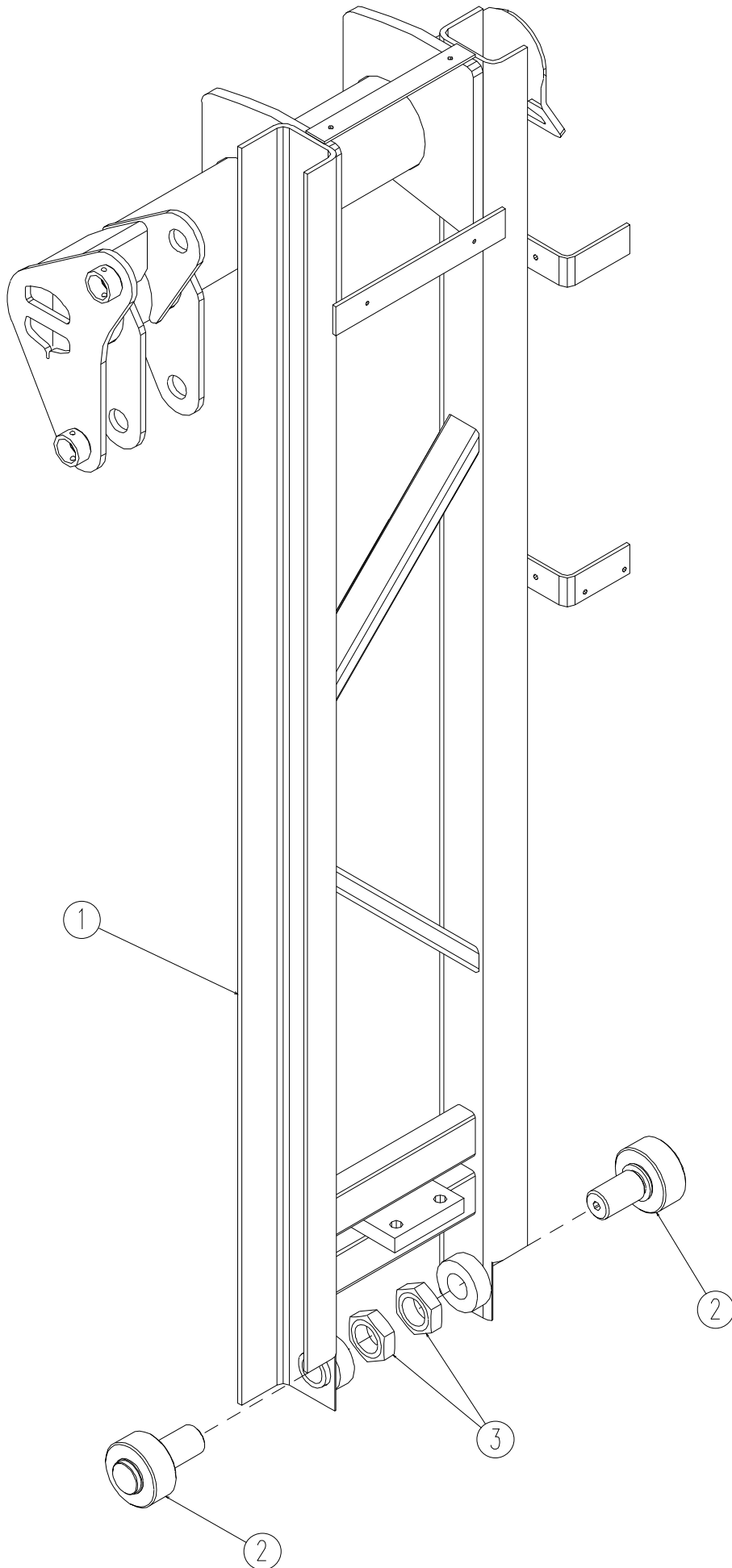
MAST 2 ASSEMBLY



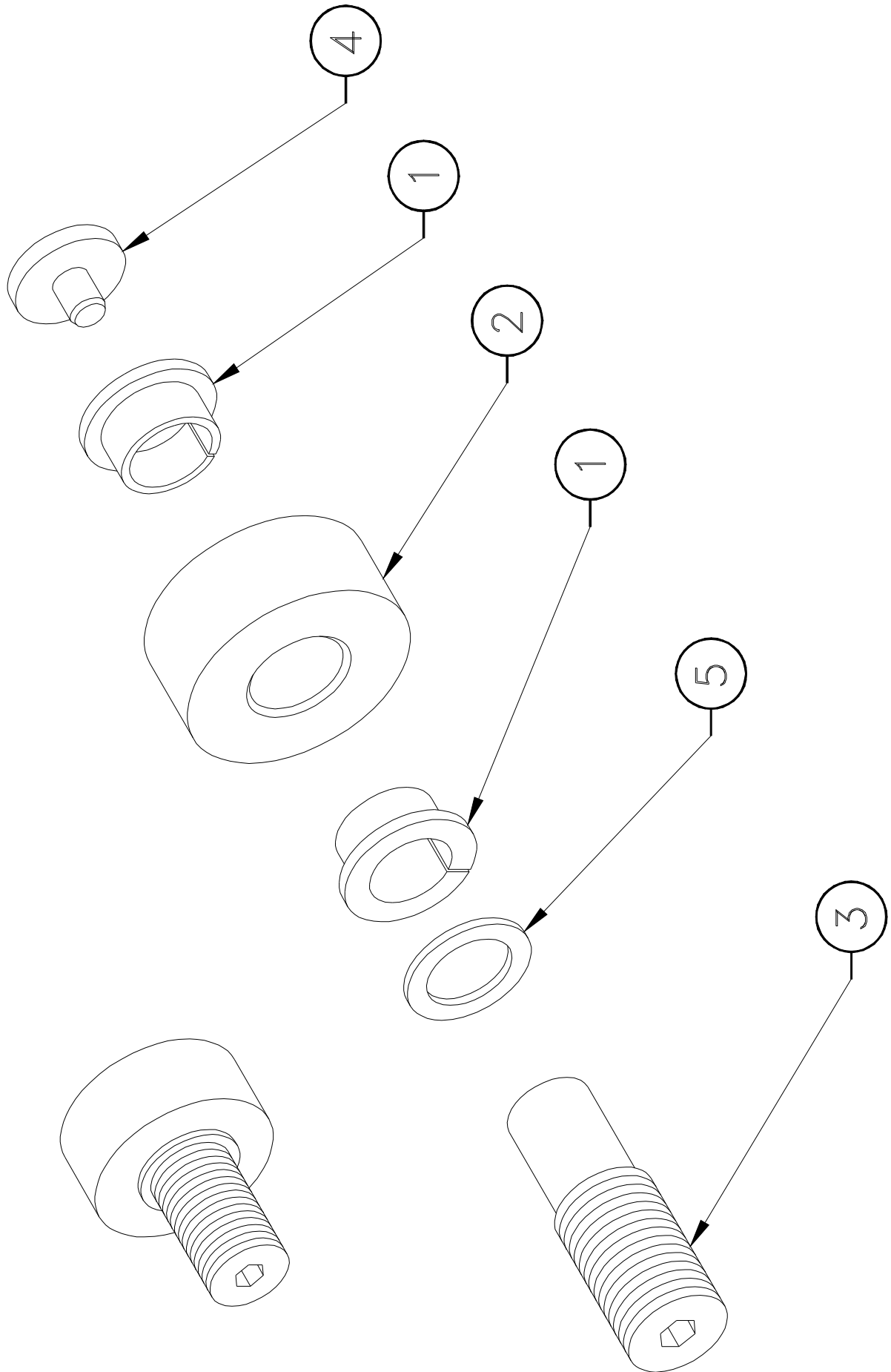
MAST 3 ASSEMBLY



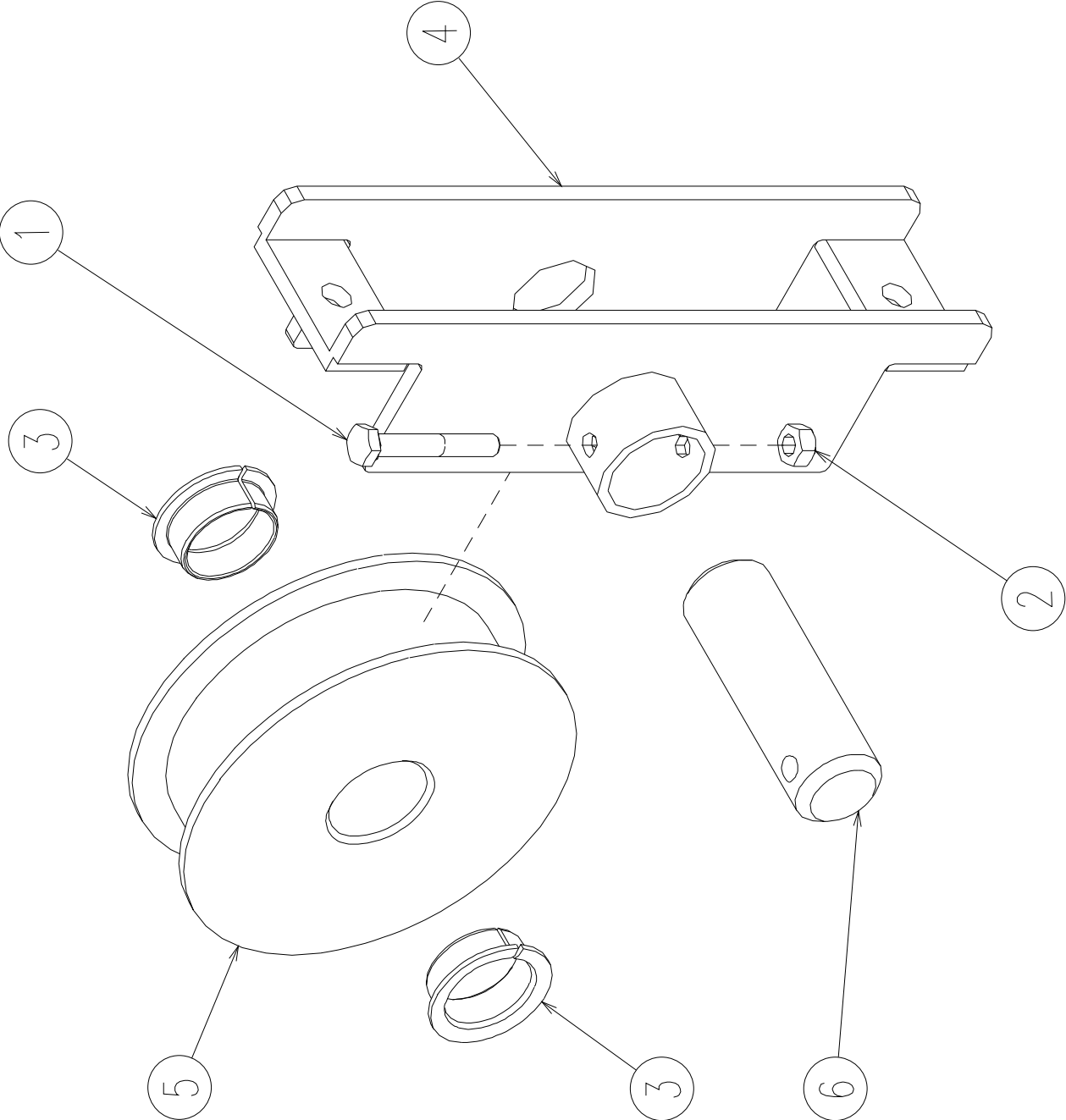
MAST 4 ASSEMBLY



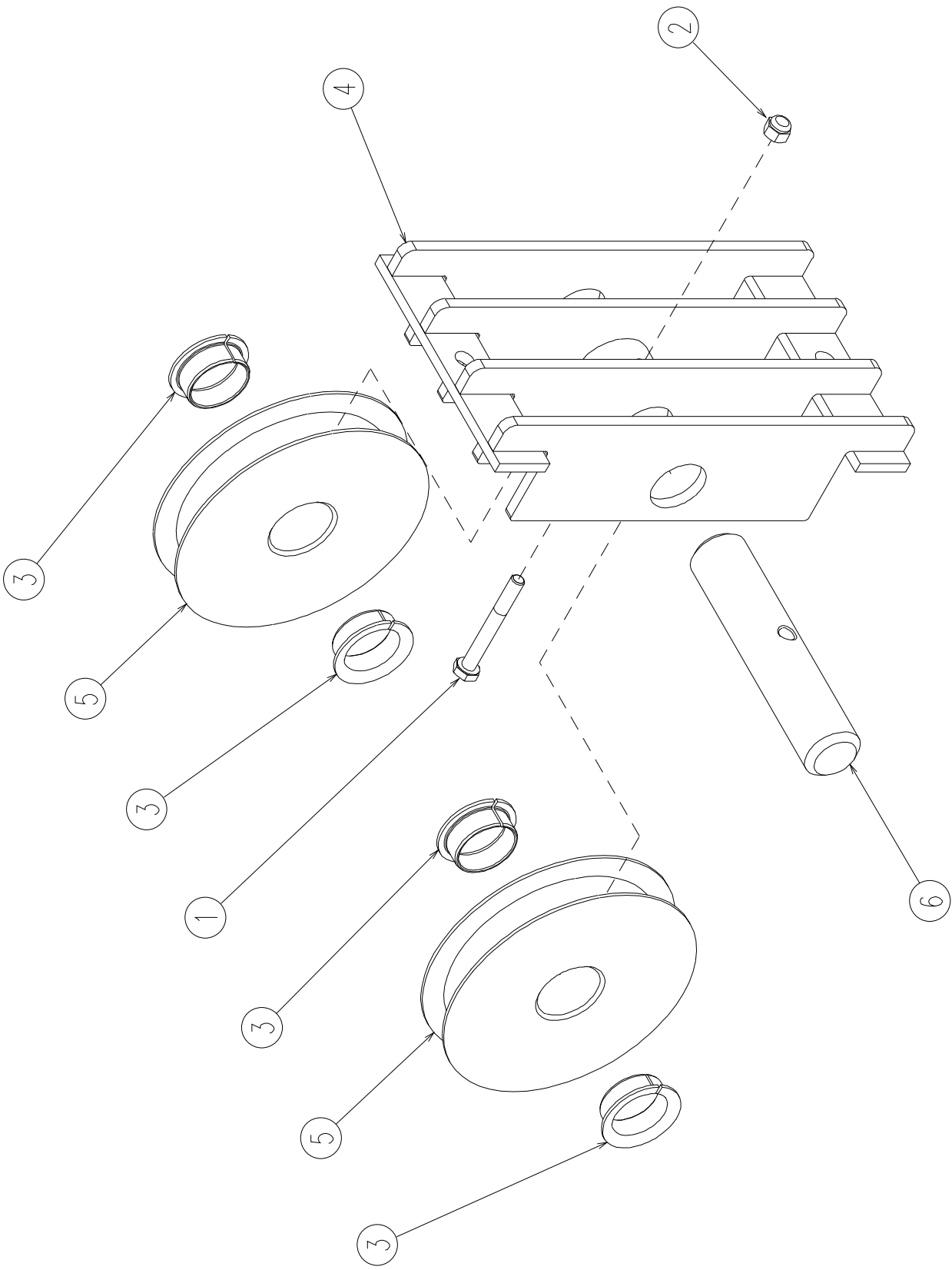
ROLLER ASSEMBLY



PULLEY ASSEMBLY



PULLEY ASSEMBLY



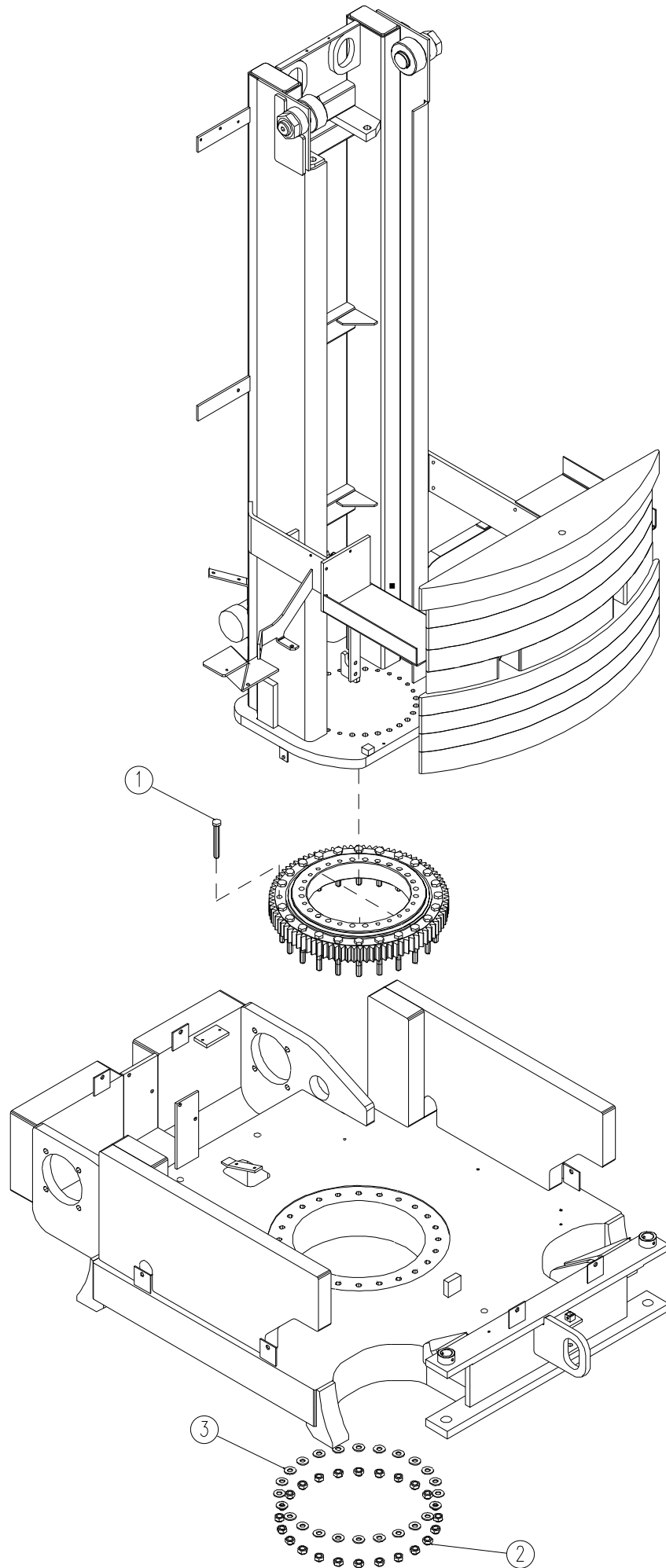
SPARE PARTS

SECTION 6

TURNTABLE INSTALL



TURNTABLE INSTALL

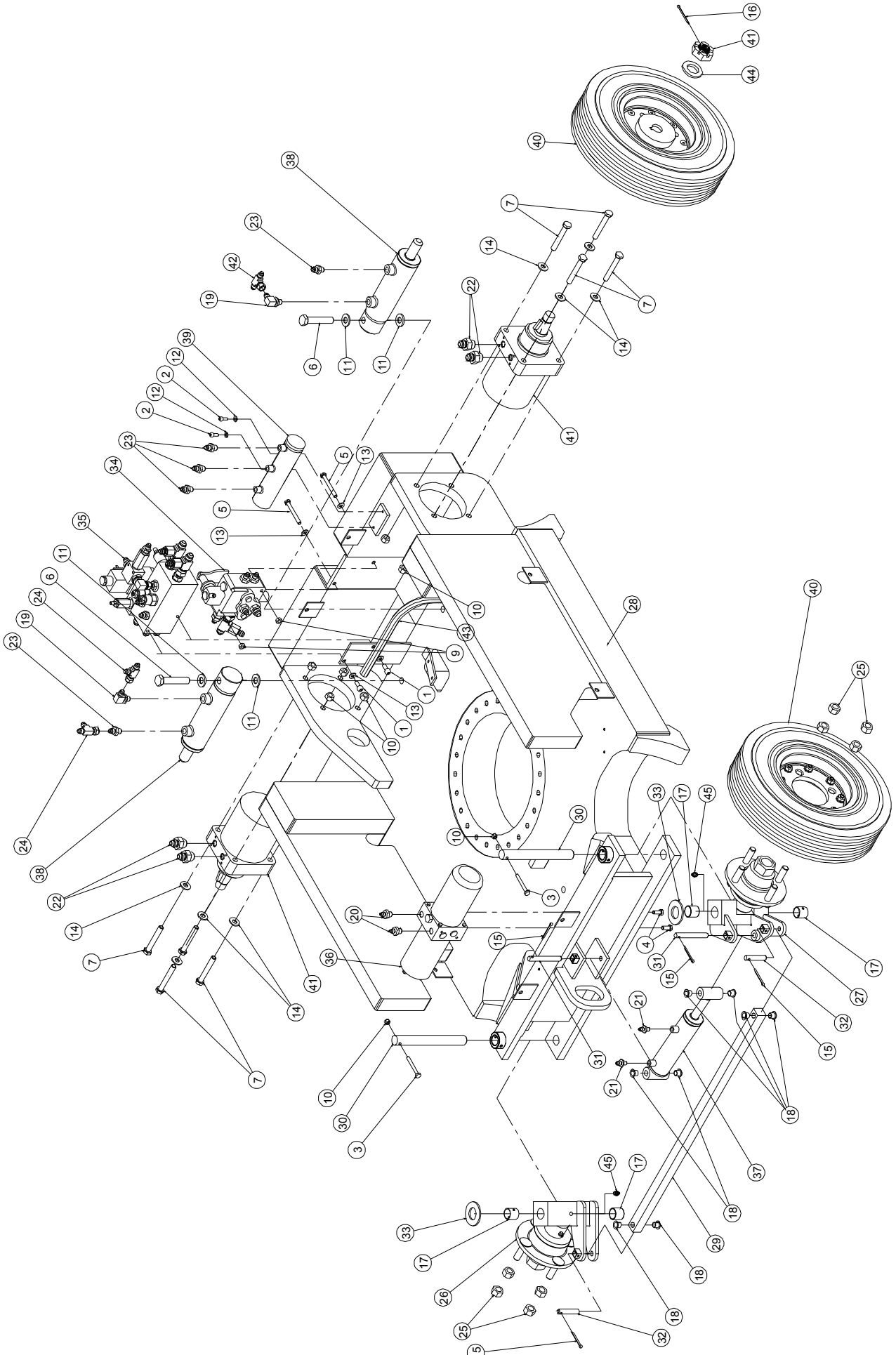


SPARE PARTS

SECTION 7

FRAME INSTALL

FRAME INSTALL



DATE : 19/01/05

FRAME INSTALL

MONTAGE N°/

ASSY NO : SP0355 REV : B

1/2

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	000053		M08x25 8.8 SOCKET HEAD MACH SCREW		2
2	000015		M06x16 8.8 SOCKET HEAD MACH SCREW		2
3	100040		M08x55 8.8 HEX HEAD CAPSCREW	B	2
4	100019		M08x20 8.8 HEX HEAD MACHINE SCREW		2
5	100025		M08x70 8.8 HEX HEAD CAPSCREW		2
6	100043		M16x80 8.8 HEX HEAD CAPSCREW		2
7	100052		M12x80 8.8 HEX HEAD CAPSCREW		8
8			NOT REQUIRED	B	
9	110004		M08 GR. 8.8 LOCK NUT	B	4
10	110014		M12 GR. 8.8 LOCK NUT		8
11	120001		M16 WASHER		4
12	120009		dD 06x14 LOCK WASHER		2
13	120010		dD 08x18 LOCK WASHER		4
14	120015		dD 12x27 LOCK WASHER		8
15	140019		Ø4x40 COTTER PIN		4
16	140019		Ø4x40 COTTER PIN		2
17	150002		BUSHING Ø25 H25 DX		4
18	150038		FLANGE BUSHING Ø12 H12 DU		8
19	300001		90° ELBOW MALE BSPP 1/4-MALE JIC 9/16		2
20	300017		FITTING MALE BSPP 1/4-MALE JIC 7/16		2
21	300020		FITTING MALE BSPP 1/8-MALE JIC 7/16		2
22	300023		FITTING MALE UNF 7/8-MALE JIC 3/4		4
23	300025		FITTING MALE BSPP1/4-MALE JIC9/16		5
24	300037		RUN TEE JIC 9/16 SWIVEL NUT		2
25	920026		M16x150 HEX NUT		8
26	DL0384		RIGHT STEERING SPINDLE		1
27	DL0385		LEFT STEERING SPINDLE		1
28	DL0410		FRAME		1
29	ST1307		TIE ROD		1
30	US0481		STEERING SPINDLE PIN	B	2
31	US0336		STEERING CYLINDER PIN		2
32	US0337		TIE ROD PIN		2
33	US0134		THRUST WASHER		2
34	SP0291	SP0291	RELEASE VALVE ASSEMBLY		1
35	SP0292	SP0292	DRIVE VALVE ASSEMBLY		1
36	520054	520054	R2K STEERING POWER UNIT		1
37		APPENDIX A	STEER CYLINDER		1

ISSUE DATE : 20/09/04

RELEASE VALVE ASSEMBLY

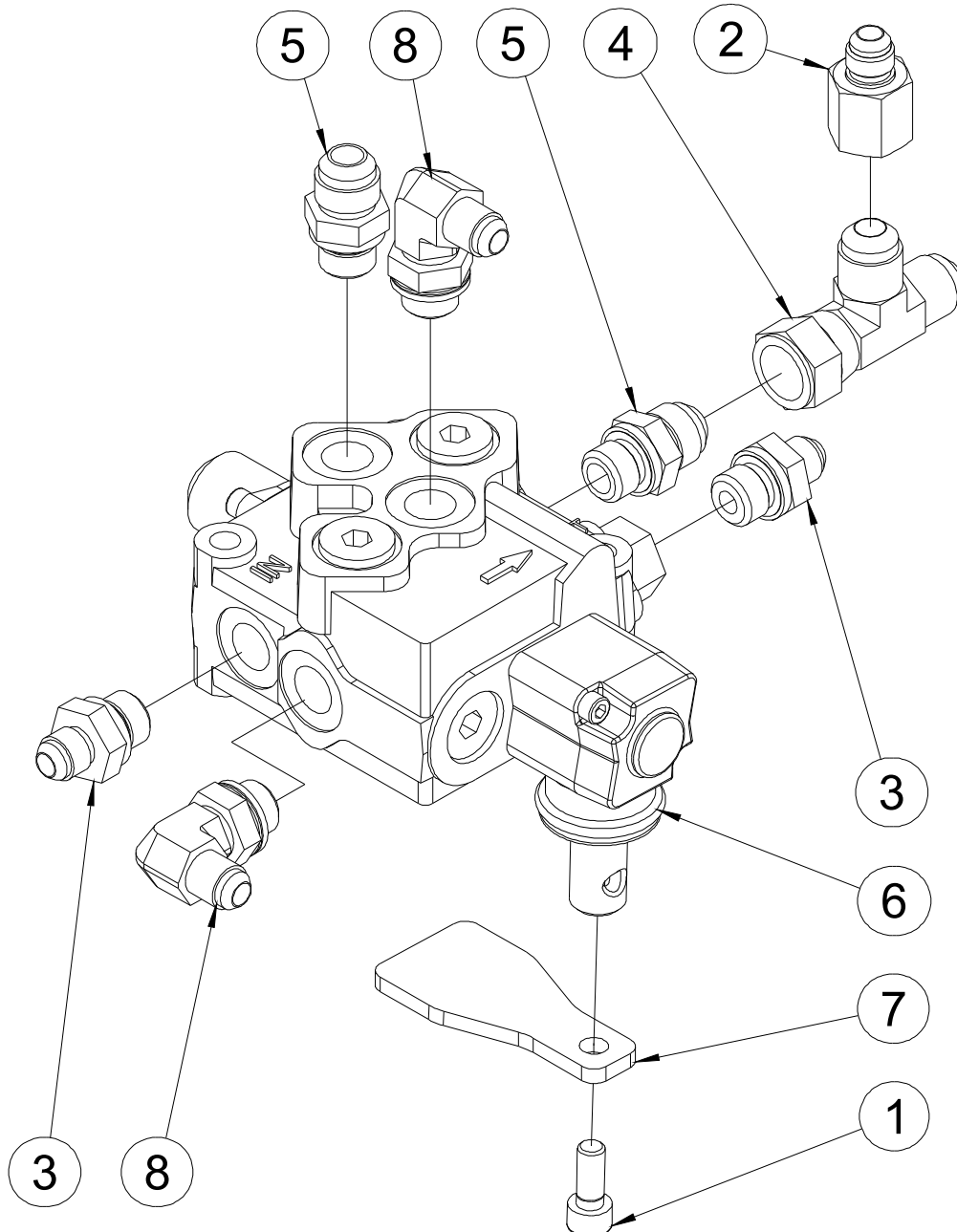
ISSUE REL :

ASSEMBLY N° :
N° ENSEMBLE : SP0291 REV : B

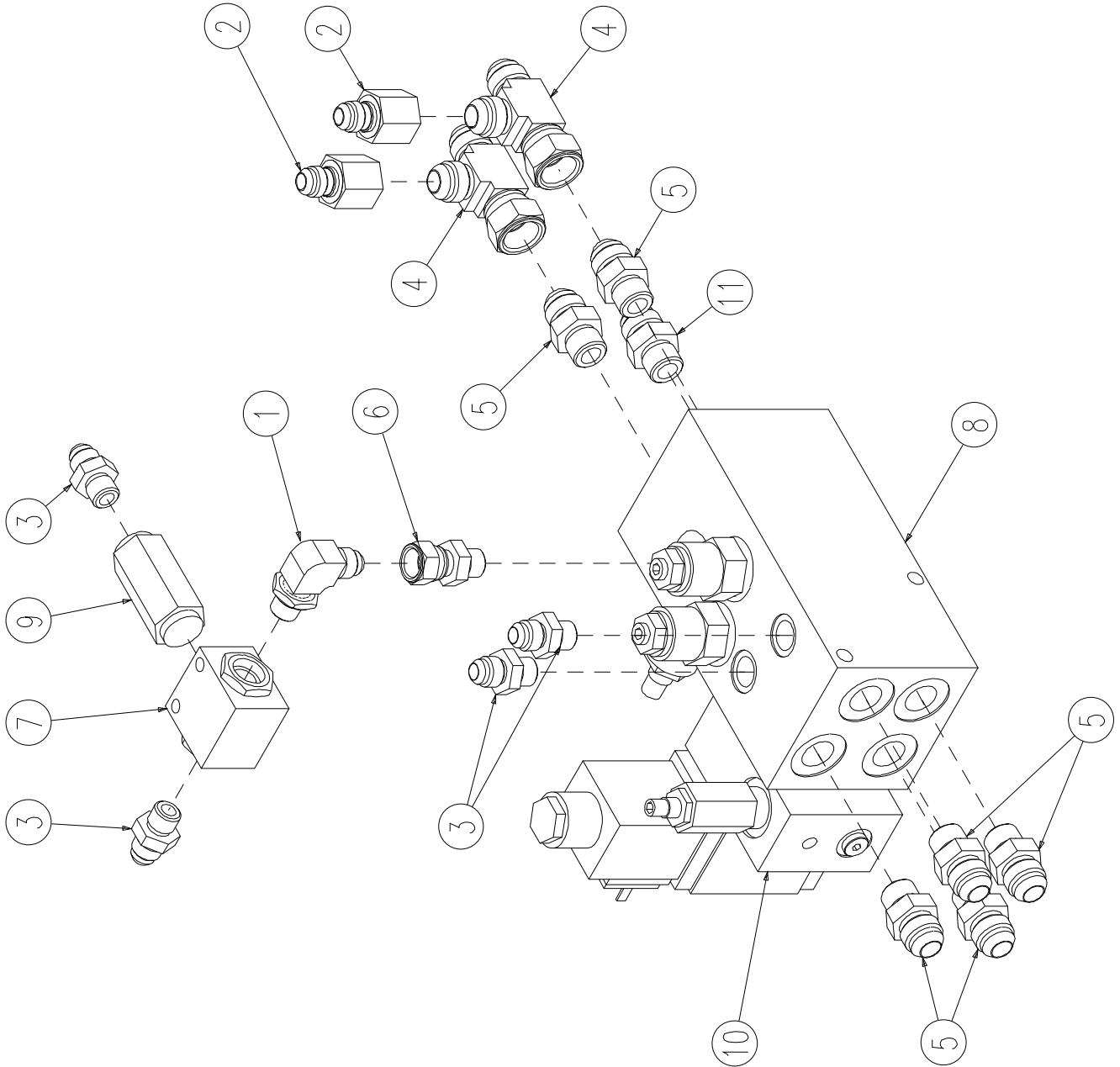
ASS. DISTRIBUTEUR DE DEBRAYAGE

1/1

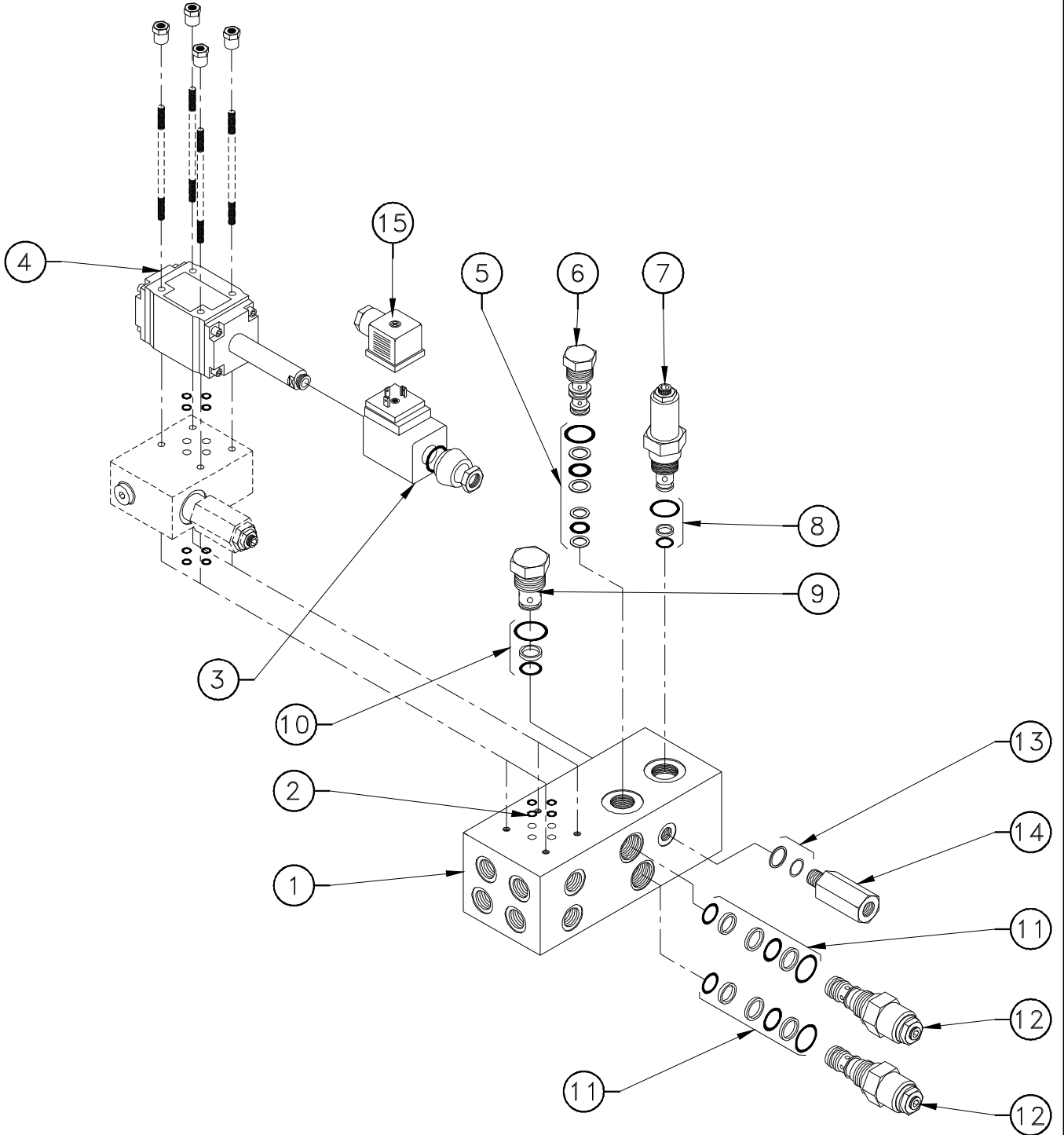
DET REP	PART NUMBER REF.	SEE VIEW VOIR VUE	DESCRIPTION		R E V	QTY QTE
1	000006		M08x20 8.8 SOCKET HEAD MACH SCREW	VIS CHC M08x20 8.8 BI FT		1
2	300024		ADAPTER FEMALE JIC3/4-MALE JIC9/16	REDUCT. FEMELLE JIC3/4-MALE JIC9/16		1
3	300040		FITTING MALE BSPP3/8 MALE JIC9/16	RACCORD MALE BSPP3/8 MALE JIC9/16	A	2
4	300056		RUN TEE JIC 3/4 SWIVEL NUT	TE Male JIC3/4-Fem JIC3/4 TOUR. LAT.		1
5	300057		FITTING MALE BSPP 3/8 - MALE JIC 3/4	RACCORD MALE BSPP 3/8 - MALE JIC 3/4		2
6	320062		RELEASE VALVE	DISTRIBUTEUR DE DEBRAYAGE	B	1
7	ST1524		HAND LEVER	PALETTE		1
8	300061		90° ELBOW MALE BSPP 3/8-MALE JIC 9/16	COUDE 90° MALE BSPP3/8-MALE JIC9/16	A	2



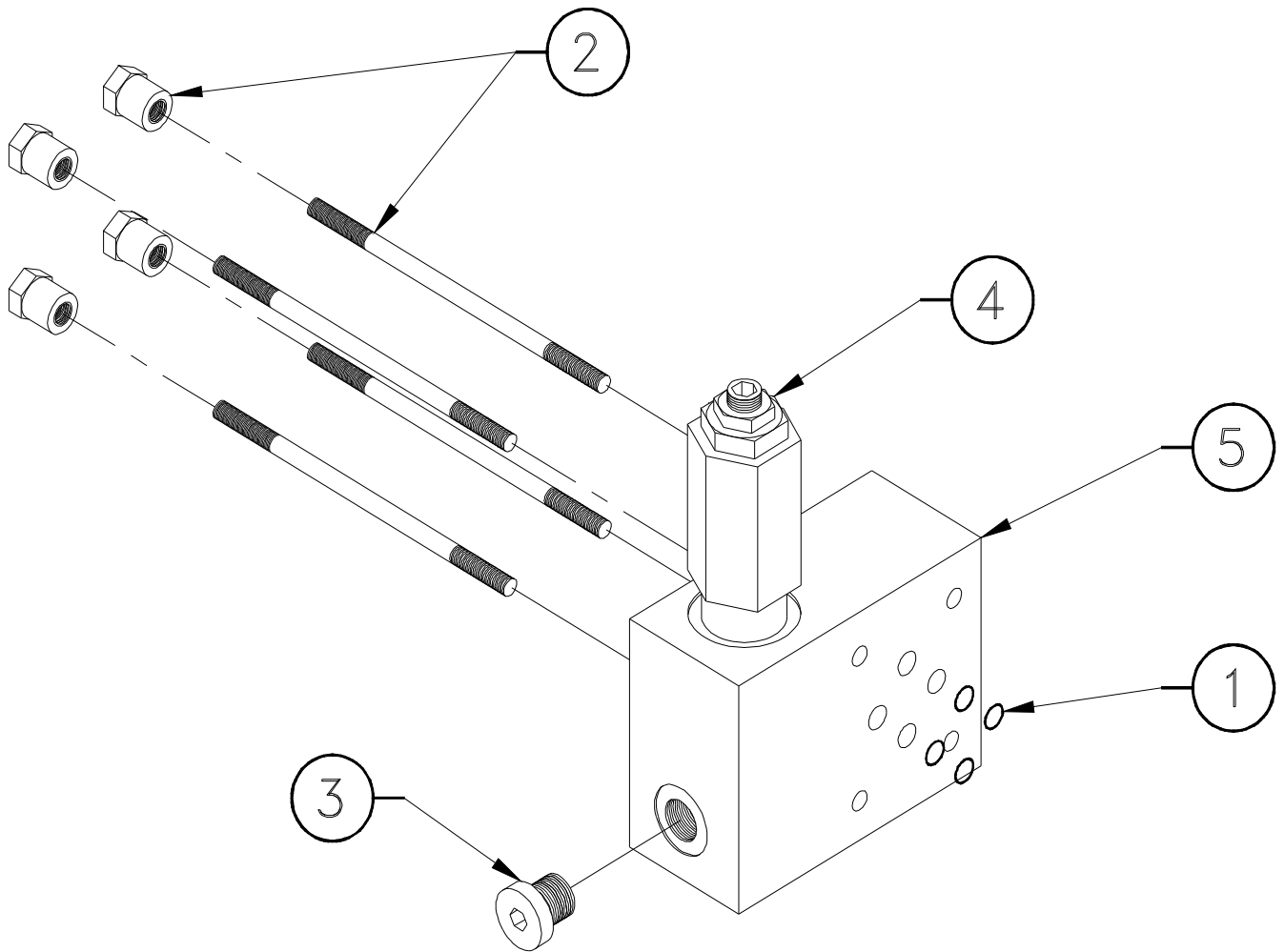
DRIVE MANIFOLD ASSEMBLY



DRIVE MANIFOLD



"CROSS-OVER" VALVE



DATE : 20/01/98

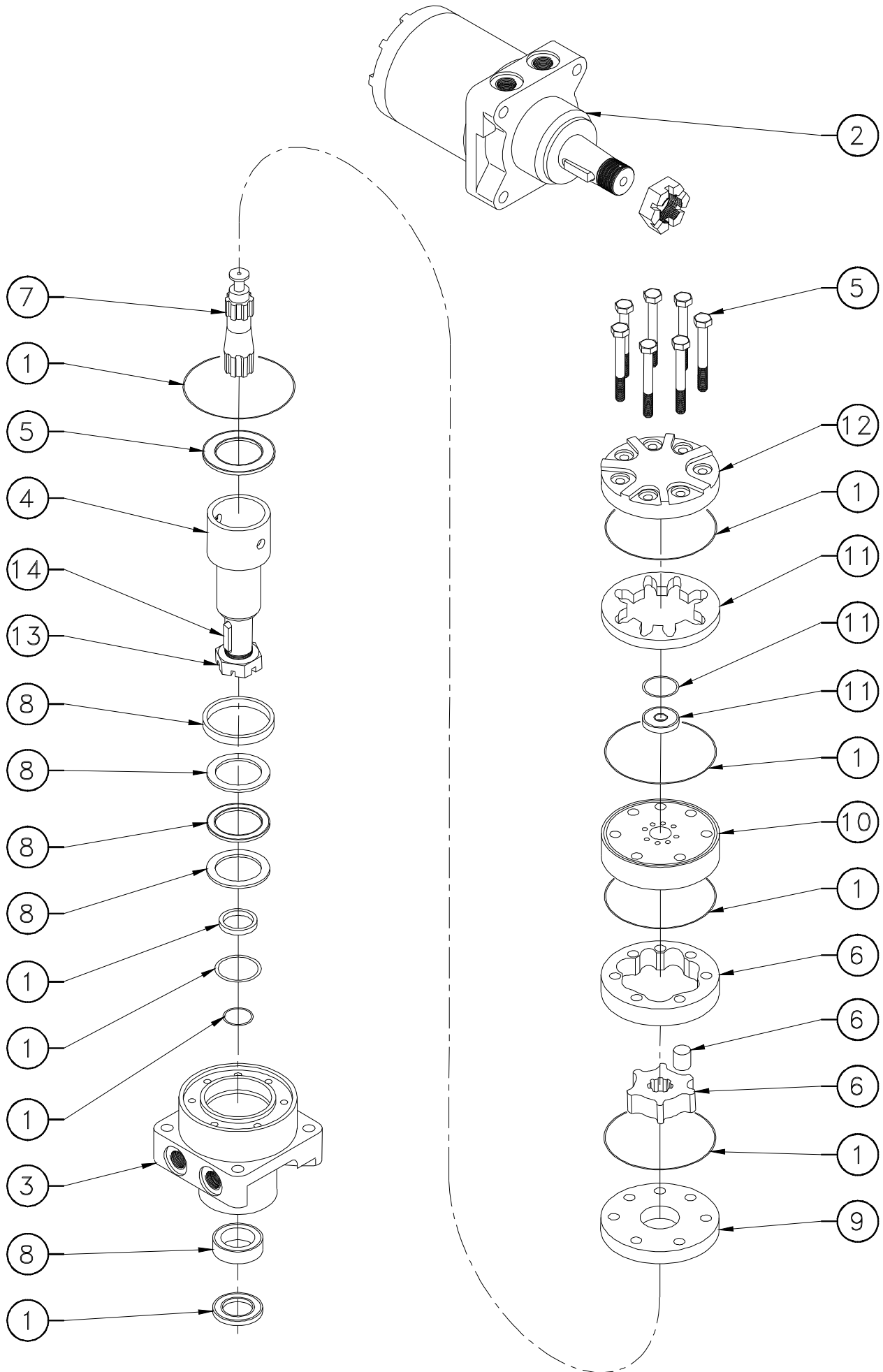
"CROSS-OVER" VALVE

MONTAGE N°/

ASSY NO : 520055 REV :

DET NO.	REF./PART NUMBER	VOIR/SEE VIEW	DESCRIPTION	RE V	Qté/Qty Req.
1	900071		SEAL KIT		1
2	920016		BEAM KIT (Qty :4)		1
3	920017		PLUG BSPP 1/8		1
4	920018		PRESSURE RELIEF VALVE		1
5	920019		MANIFOLD		1

HYDRAULIC MOTOR MB 240



DATE : 22/01/98

**HYDRAULIC MOTOR
MB 240**

MONTAGE N°/ ASSY NO : 320024 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	900022		SEAL KIT		1
2	320024		HYDRAULIC MOTOR MB 240		1
3	932006		HOUSING		1
4	932007		COUPLING SHAFT		1
5	932008		SPECIAL SCREW		1
6	932009		ROTOR SET		1
7	932010		DRIVE LINK		1
8	932011		BEARING KIT		1
9	932012		WEAR PLATE		1
10	932013		MANIFOLD		1
11	932014		COMMUTATOR ASSEMBLY		1
12	932015		END COVER		1
13	920040		CASTLE NUT		1
14	920039		KEY		1

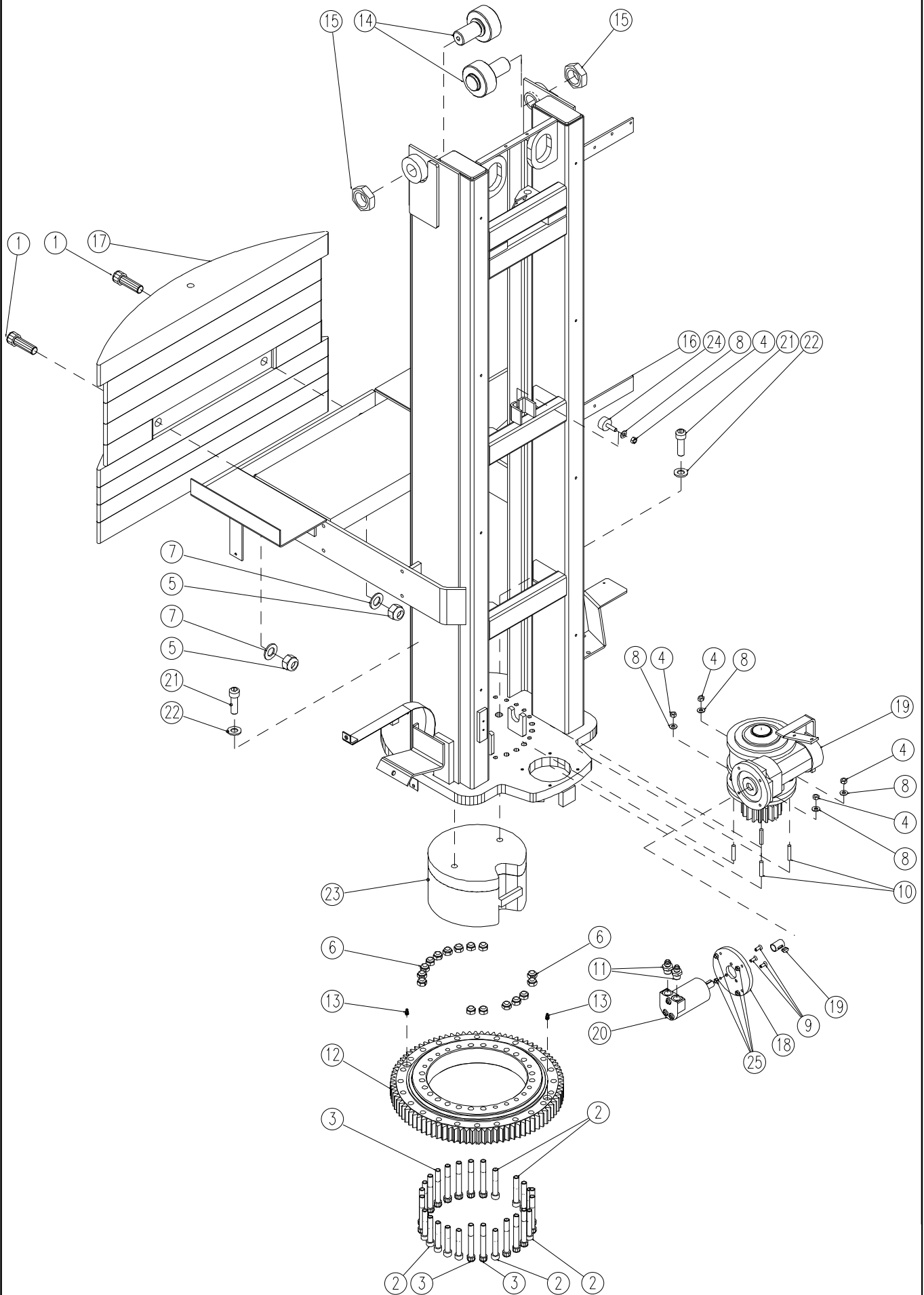
SPARE PARTS

SECTION 8

MAST 1 ASSEMBLY



MAST 1 ASSEMBLY



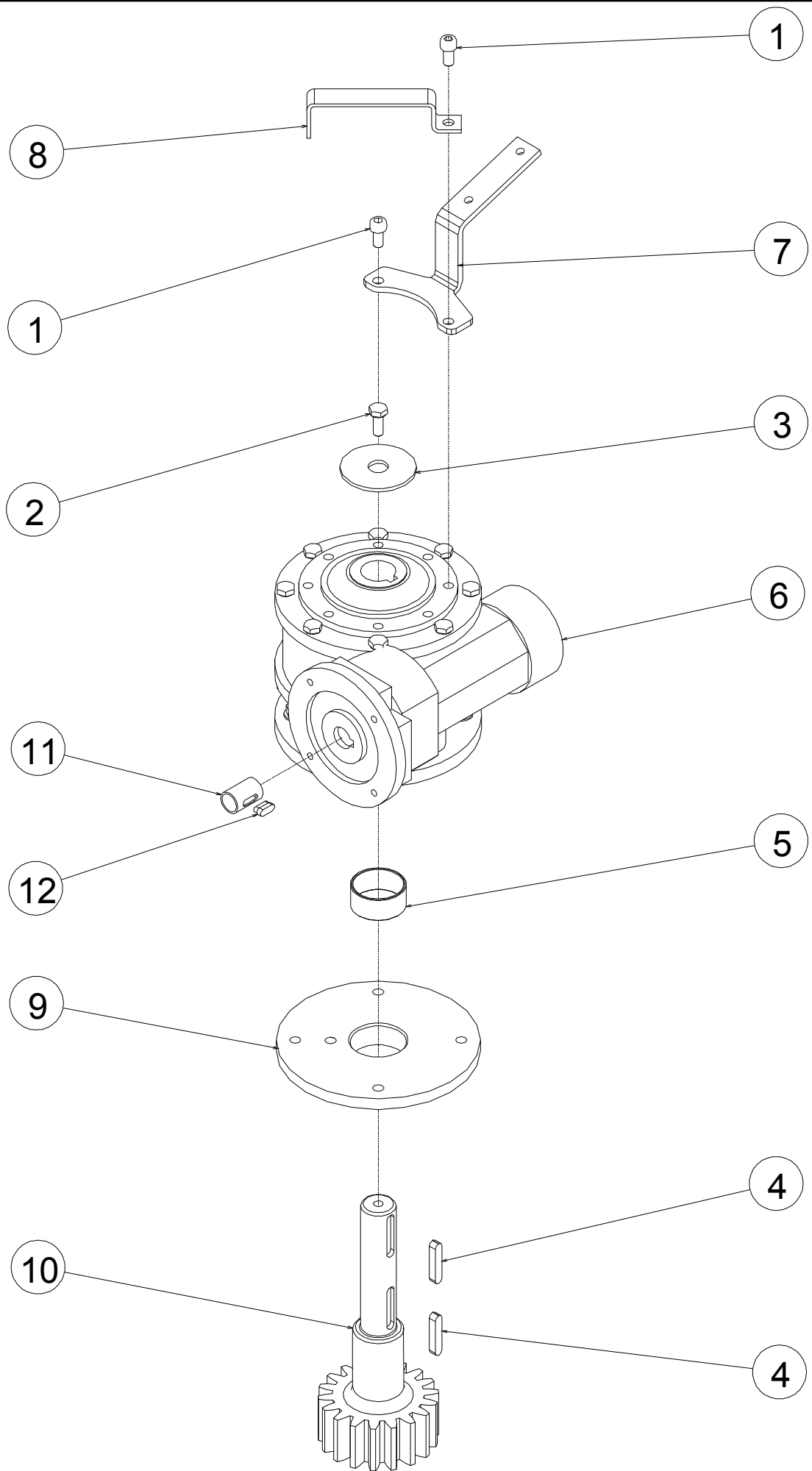
DATE : 24/05/00

MAST 1 ASSEMBLYMONTAGE N°/
ASSY NO : SP0349 REV : B

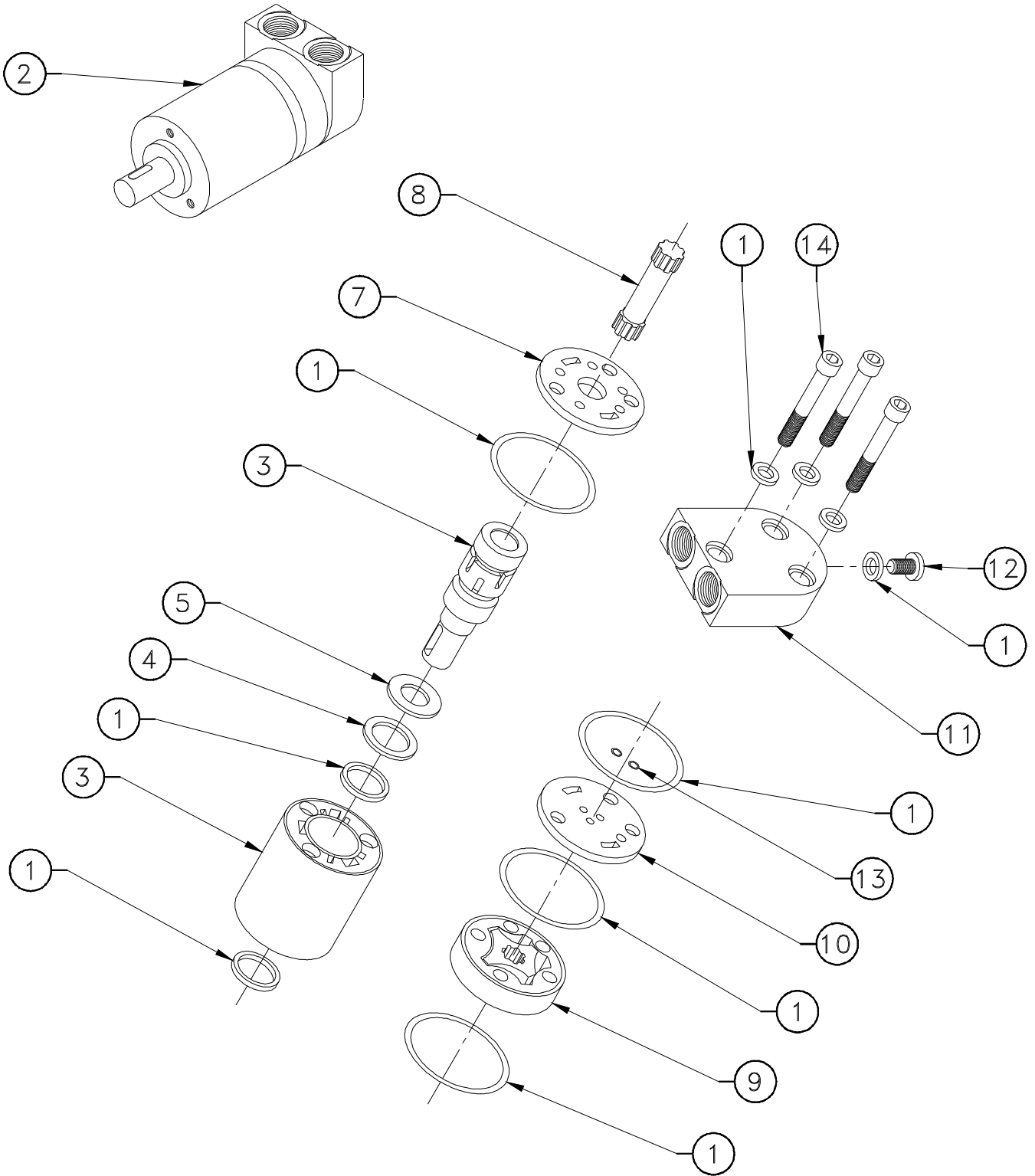
1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	000047		M20x60 8.8 SOCK. HEAD MACH. SCREW		2
2	000060		M12x70 10.9 Black SOC HEAD CAPSCREW		11
3	000061		M12x90 10.9 Black SOC HEAD CAPSCREW		16
4	110004		M08 GR. 8.8 LOCK NUT	A	5
5	110006		M20 GR. 8.8 LOCK NUT		2
6	110017		M12 GR. 10.9 LOCK NUT		16
7	120003		M20 WASHER		2
8	120010		dD 08x18 LOCK WASHER	A	5
9	130003		M06x16 10.9 COUNTERSUNK HEAD M. S.		3
10	130034		M12x35 8.8 STUD BLACK		4
11	300040		FITTING MALE BSPP3/8 MALE JIC9/16		2
12	500021		SWING RING		1
13	950116		GREASE FITTING		2
14	SE0001	SE0001	ROLLER ASSEMBLY		2
15	US0026		M36 GR. 8.8 HEX NUT		2
16	DL0434		MAST 1 WELDMENT		1
17	DL0403		COUNTERWEIGHT		1
18	US0044		MOTOR ADAPTOR FLANGE		1
19	SP0417	SP0417	SWING DRIVE ASSEMBLY		1
20	320049	320049	SWING MOTOR		1
21	000023		M16x50 8.8 SOCKET HEAD CAPSCREW		2
22	120008		dD 16x32 LOCK WASHER		2
23	DL0435		TURNTABLE COUNTER WEIGHT		1
24	400015		ELASTIC STOP	A	1
25	110015		M06 GR. 8.8 HEX NUT	B	4

SWING DRIVE ASSEMBLY



SWING MOTOR OMM12.5



DATE : 19/05/98

SWING MOTOR OMM12,5

MONTAGE N°/
ASSY NO : 320049 REV :

1/1

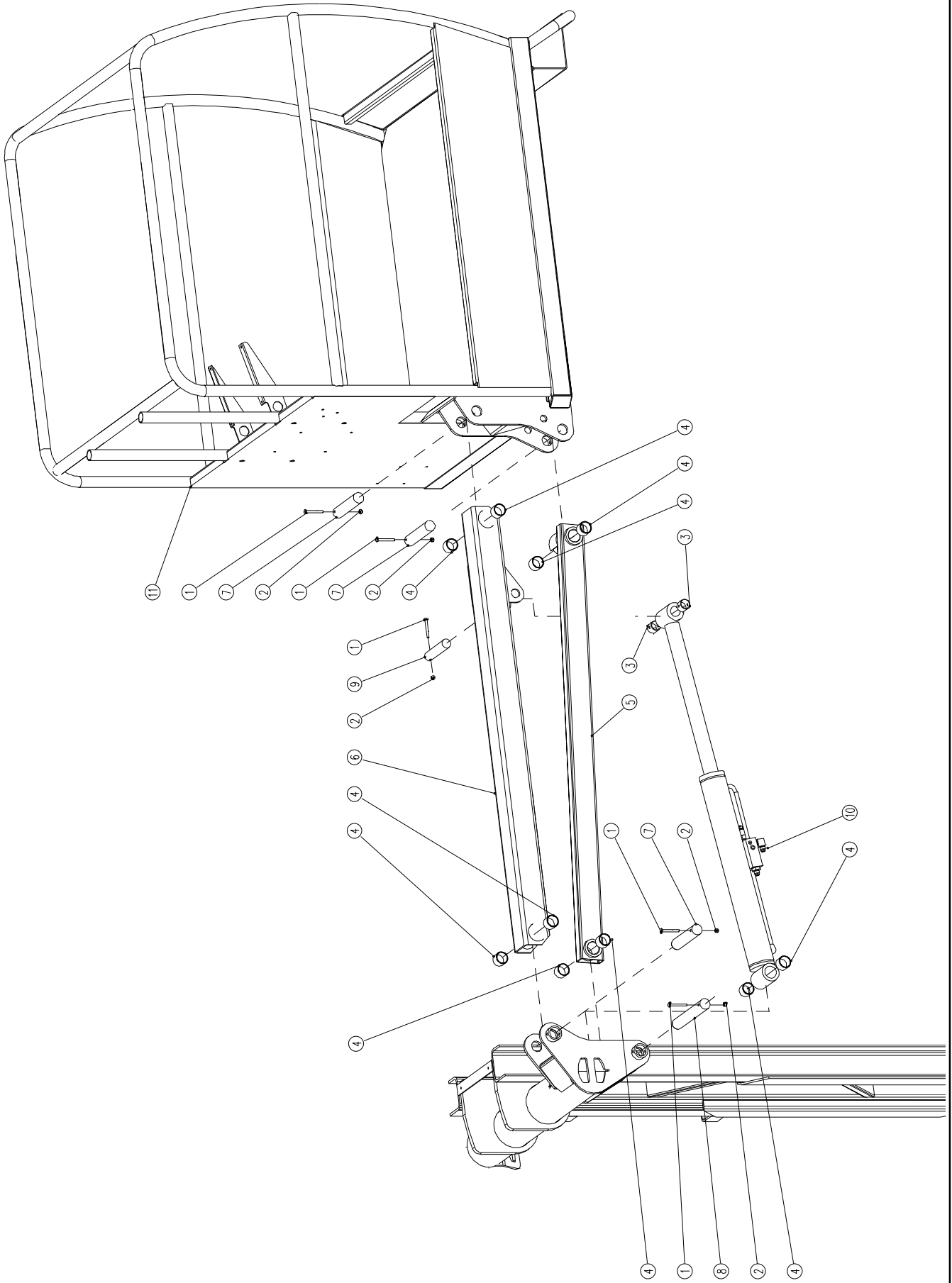
DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	900043		SEAL KIT		1
2	320049		SWING MOTOR OMM12,5		1
3			HOUSING + OUTPUT SHAFT		1
4			BEARING RACE		1
5			AXIAL NEEDLE BEARING		1
6			NOT REQUIRED		
7			DISTRIBUTOR PLATE		1
8			CARDAN SHAFT		1
9			GEARWHEEL SET		1
10			INTERMEDIAIRE PLATE		1
11			END COVER		1
12			DRAIN PLUG		1
13			CHECK VALVE BALL		1
14			M08-55 8,8 SOCK. HEAD CAPSCREW		1

SPARE PARTS

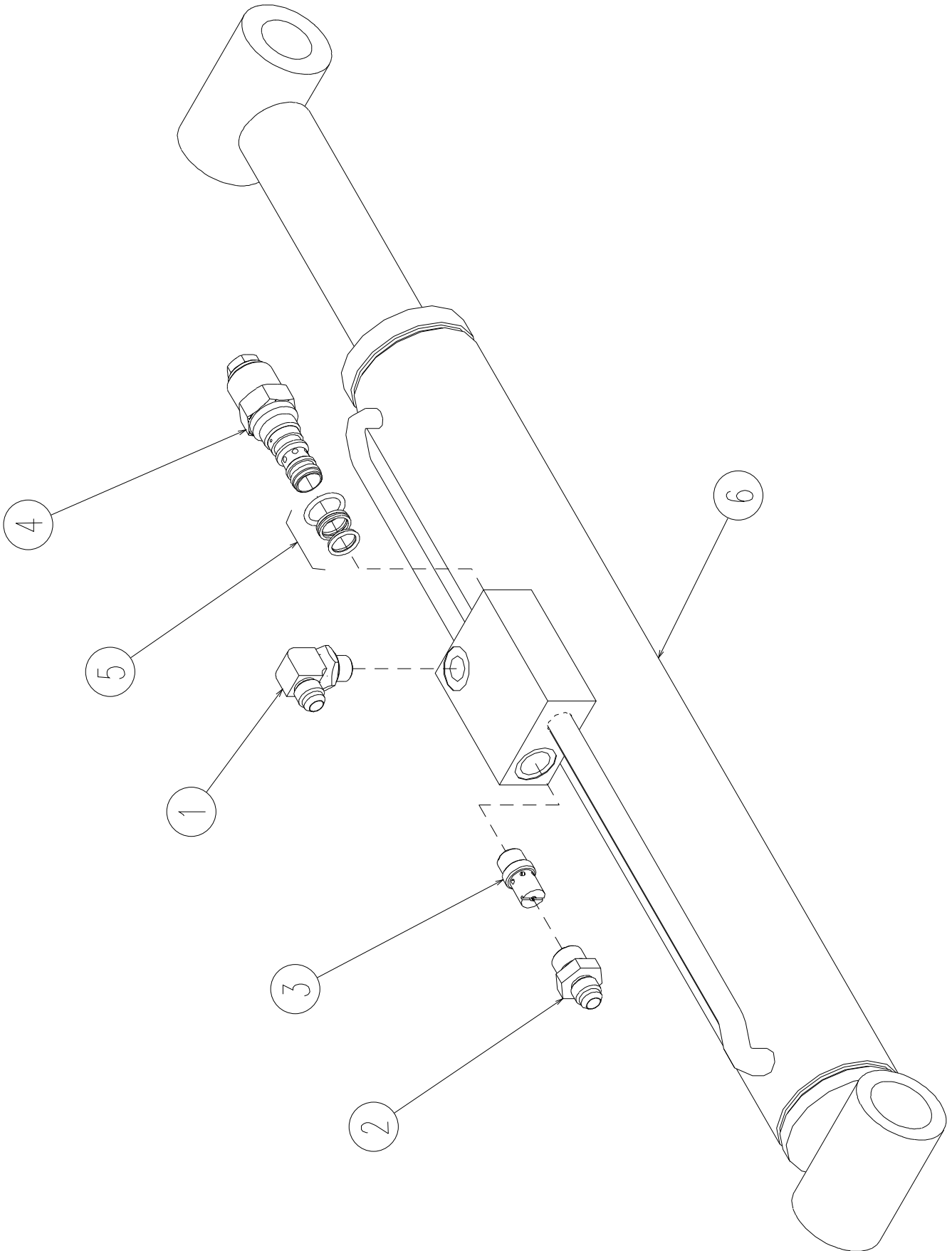
SECTION 9

JIB AND PLATFORM INSTALL

JIB AND PLATFORM INSTALL



JIB CYLINDER ASSEMBLY



SPARE PARTS

APPENDIX

A- CYLINDERS

B- TIRE AND WHEEL INSTALL

C- BATTERY AND CHARGER INSTALL

D- DECALS INSTALL



SPARE PARTS

SECTION A

CYLINDERS

DATE : 18/04/00

STEER CYLINDER

MONTAGE N°/

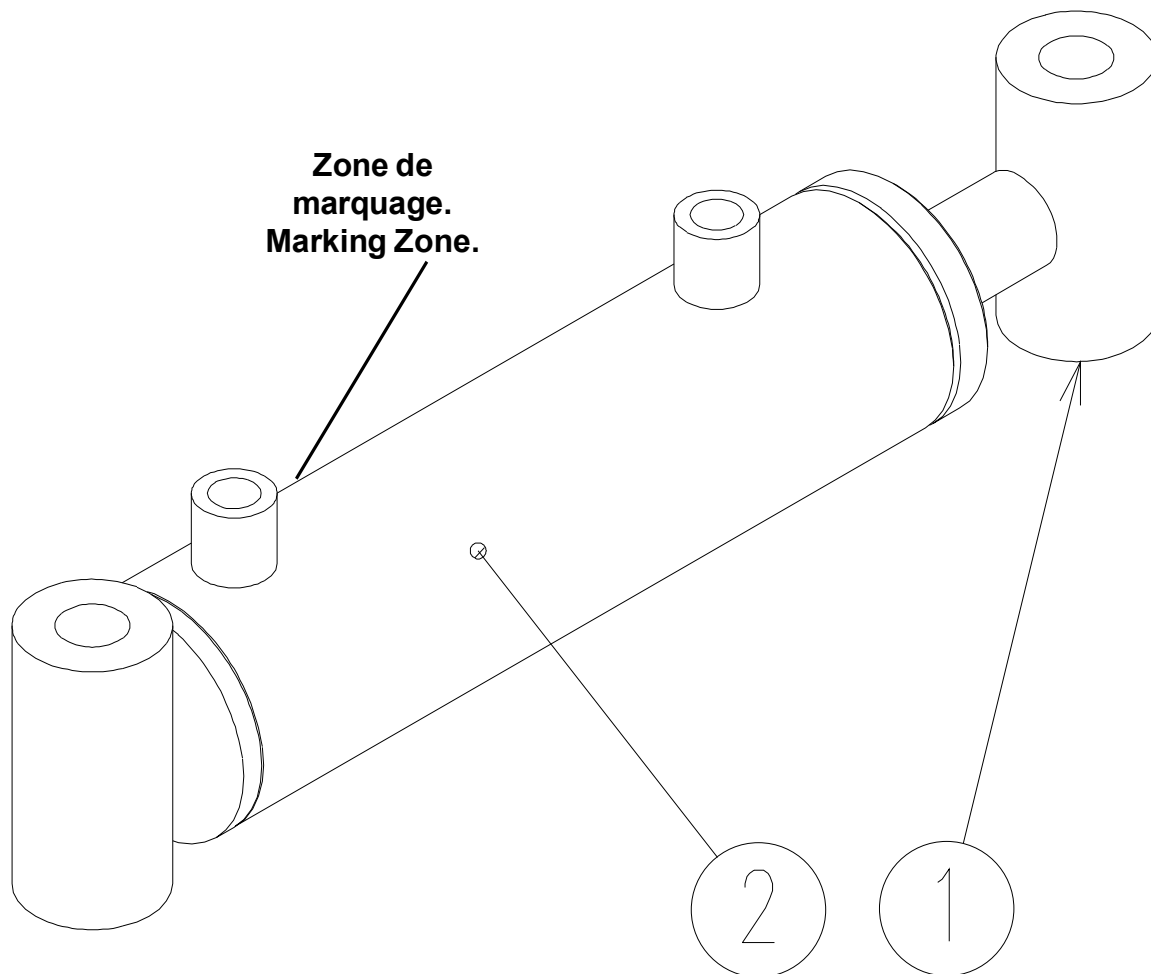
ASSY NO : ST1399 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	ST1399		STEER CYLINDER		1
2	960075		SEAL KIT		1

To order see part number on marking zone.

Ex : V99/15



DATE : 24/05/00

JIB CYLINDER

MONTAGE N°/

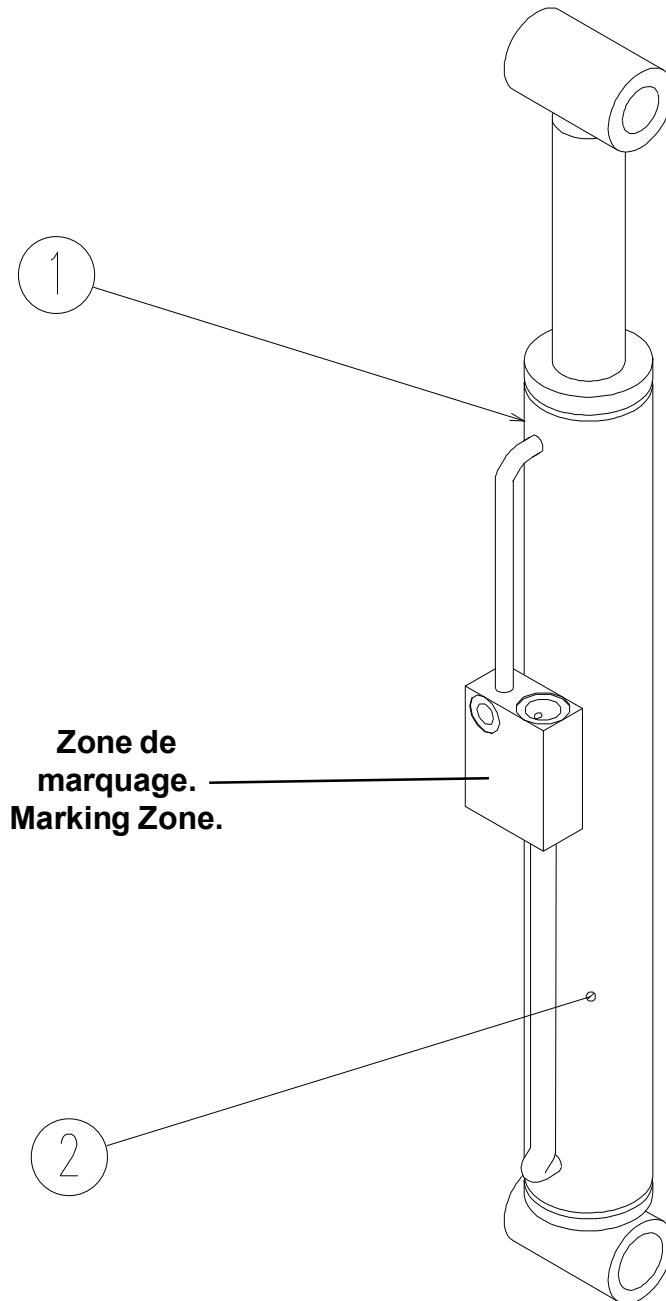
ASSY NO : ST2006 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	RE V	Qté/ Qty Req.
1	ST2006		JIB CYLINDER		1
2	960084		SEAL KIT		1

To order see part number on marking zone.

Ex : V99/15



DATE : 24/05/00

MAST CYLINDER

MONTAGE N°/

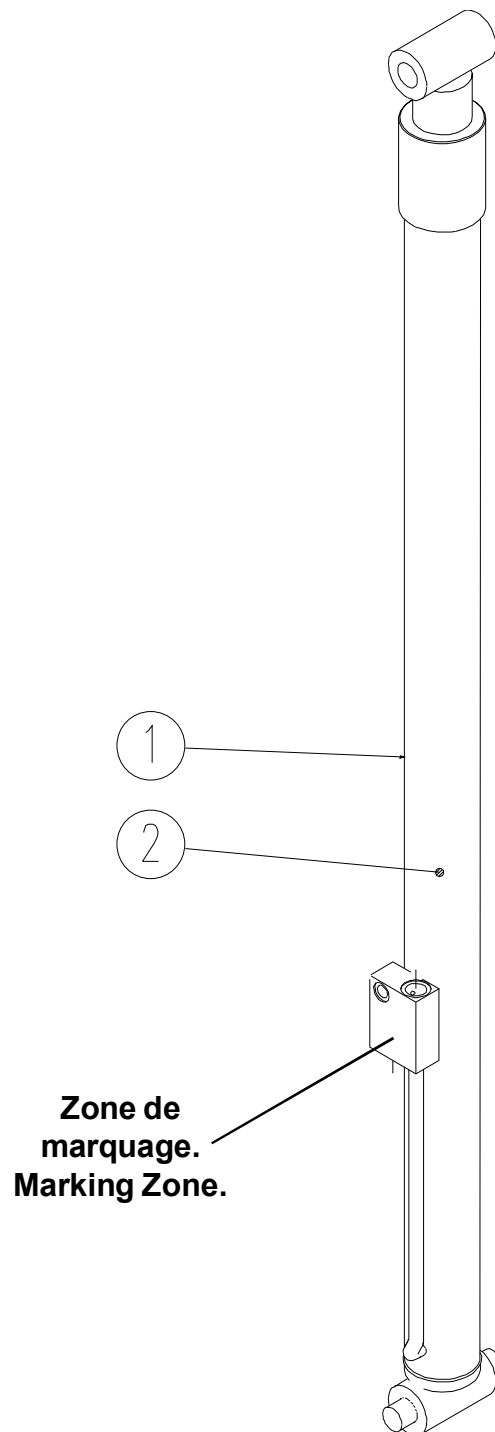
ASSY NO : ST2005 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	ST2005		MAST CYLINDER		1
2	960083		SEAL KIT		1

To order see part number on marking zone.

Ex : V99/15



DATE : 24/05/00

BRAKE CYLINDER

MONTAGE N°/

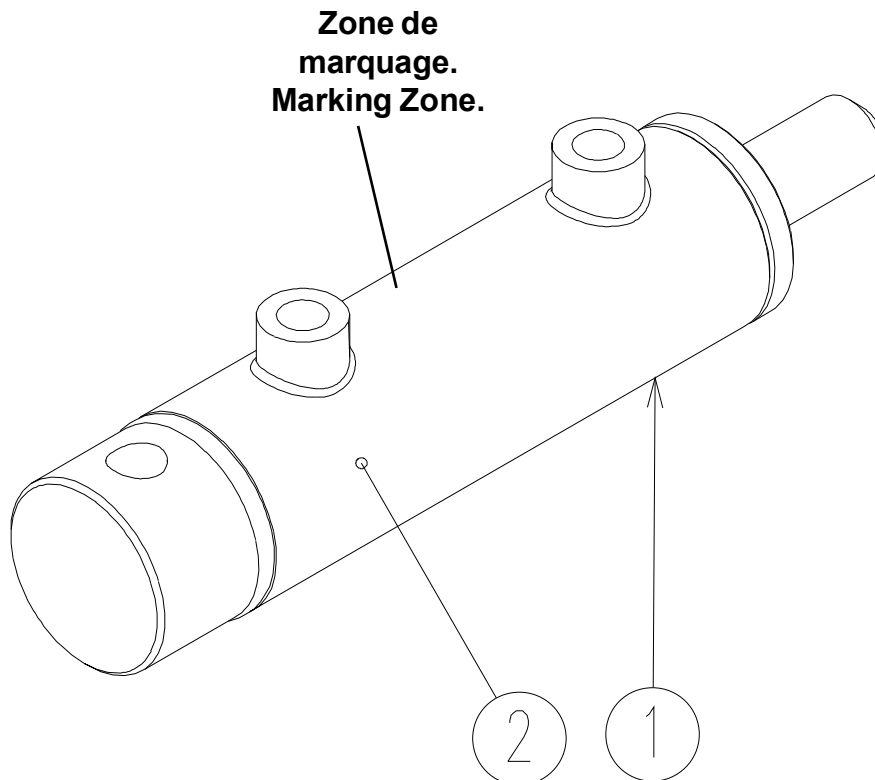
ASSY NO : ST2008 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	ST2008		BRAKE CYLINDER		1
2	960079		SEAL KIT		1

To order see part number on marking zone.

Ex : V99/15



DATE : 24/05/00

CUSHION CYLINDER

MONTAGE N°/

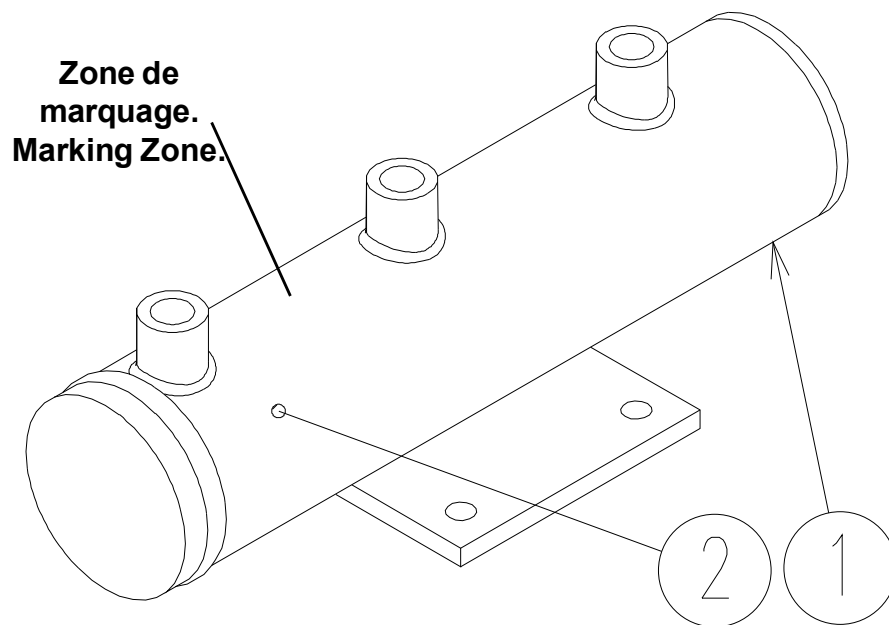
ASSY NO : SD0346 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	REVISION	Qté/ Qty Req.
1	SD0346		CUSHION CYLINDER		1
2	960074		SEAL KIT		1

To order see part number on marking zone.

Ex : V99/15



SPARE PARTS

SECTION B

TIRE AND WHEEL INSTALL

DATE : 27/05/98

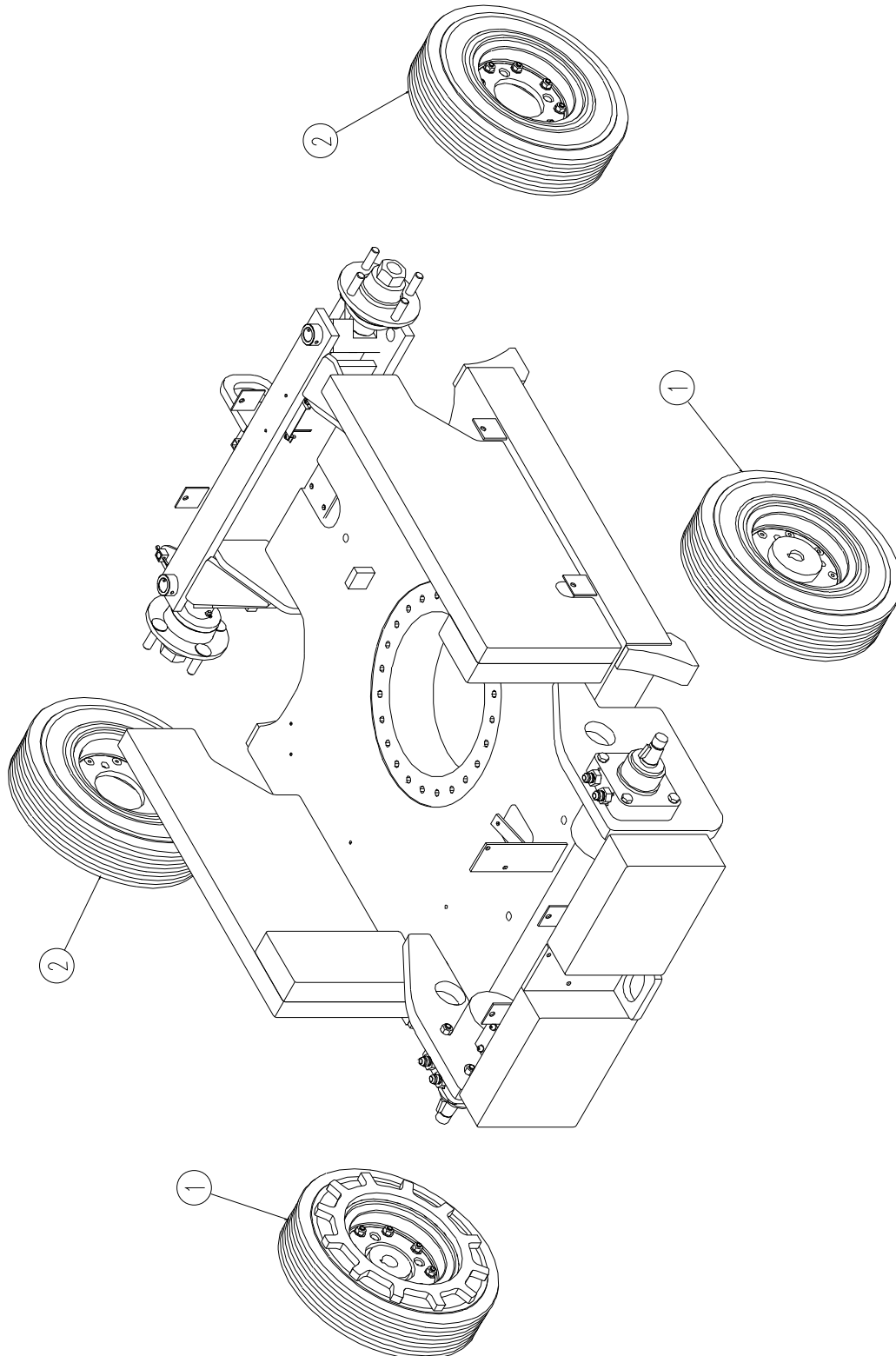
BLACK TYRE & WHEEL

MONTAGE N°/

ASSY NO : SP0297 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	REV	Qté/ Qty Req.
1	DL0396		BLACK DRIVE & BRAKE WHEEL		2
2	500016		BLACK WHEEL		2



DATE : 27/05/98

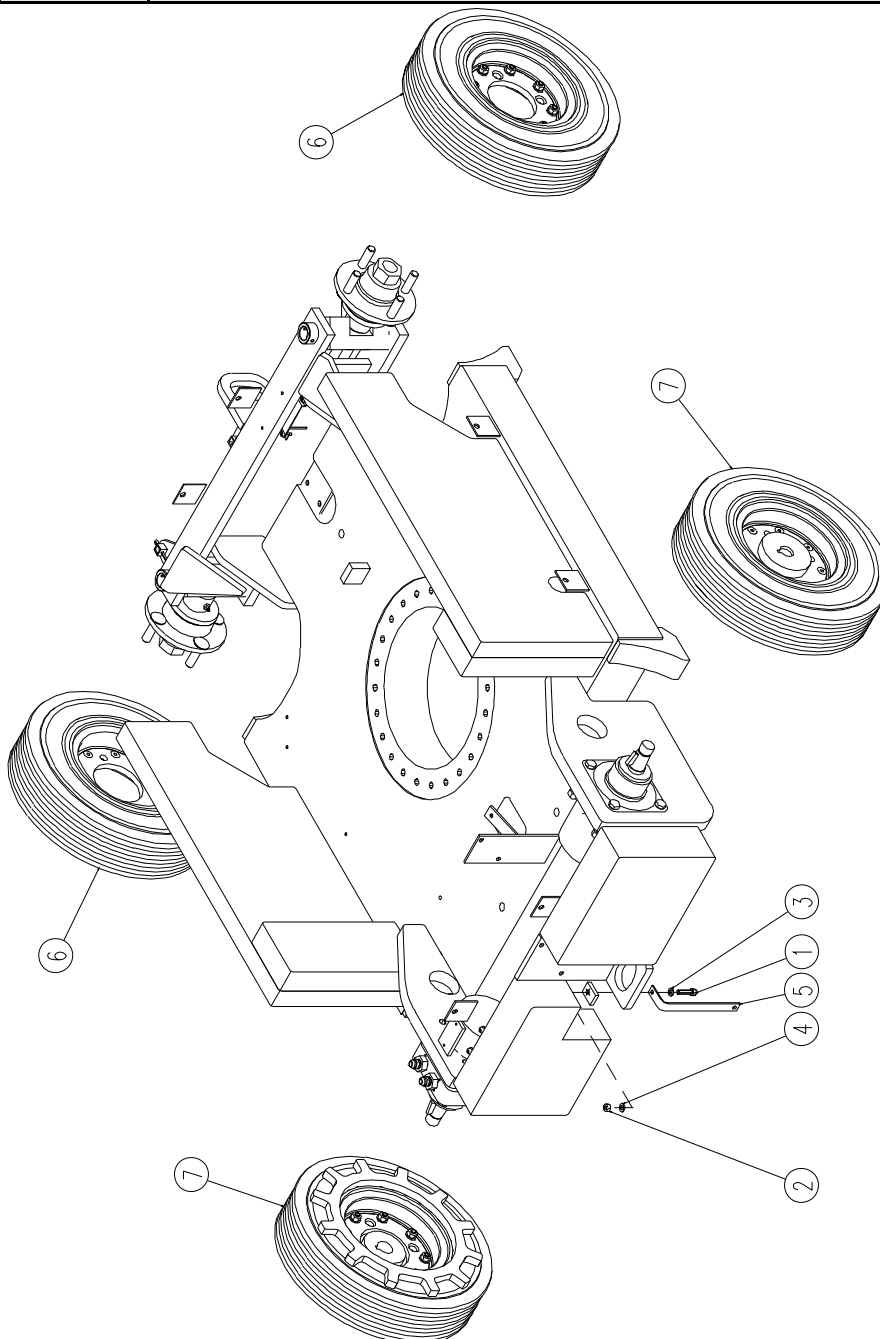
TYRE & WHEEL NON MARKING

MONTAGE N°/

ASSY NO : SP0298 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/SEE VIEW	DESCRIPTION	REV	Qté/Qty Req.
1	000043		M08x40 8.8 SOCKET HEAD MACH SCREW		1
2	110004		M08 GR. 8.8 LOCK NUT		1
3	120010		dD 08x18 LOCK WASHER		1
4	120021		HELICAL SPRING LOCK WASHER Ø8		1
5	SD0404		STRATIC STRAP		1
6	500017		WHEEL		2
7	DL0395		DRIVE & BRAKE WHEEL		2

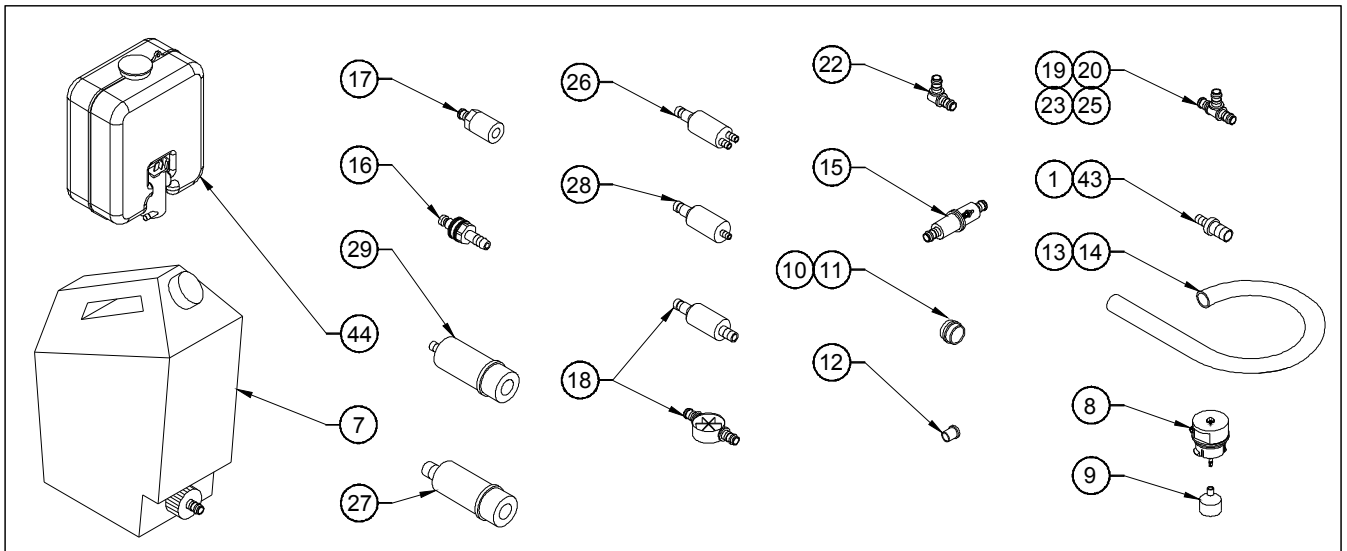


SPARE PARTS
MANUEL DE PIECES DETACHEES

**FULMEN/EXIDE BATTERY
AND CHARGER INSTALL**



FULMEN/EXIDE BATTERY COMPONENTS COMPOSANTS DE BATTERIES FULMEN/EXIDE



L	Part Number / Repère
95	3
110	4
1300	5
2000	6

Dry battery cell Éléments de batteries secs	
Marking zone Zone de marquage	Part Number Repère
EMV4	30
EDV3	31
EFV4	32
EMX4	33
EDX3	34
BGX7	35
EMX2	36
EMV2	37
PZS240	38
PZV240	39
EFX4	40
ETG4	41
BGV7	42
ETG6	45

ISSUE DATE : 21/05/02

FULMEN / EXIDE BATTERY COMPONENTS

ISSUE REL :

 ASSEMBLY N° :
 N° ENSEMBLE : RM0060 REV :

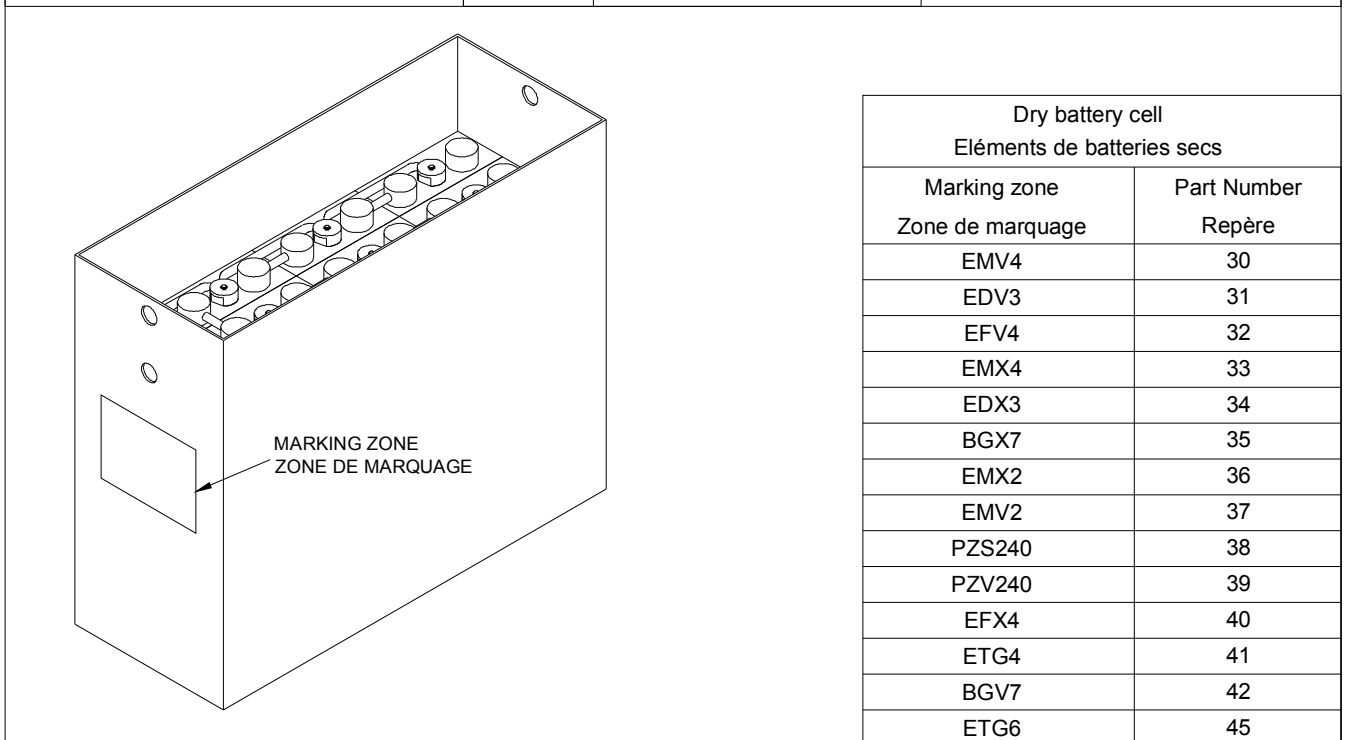
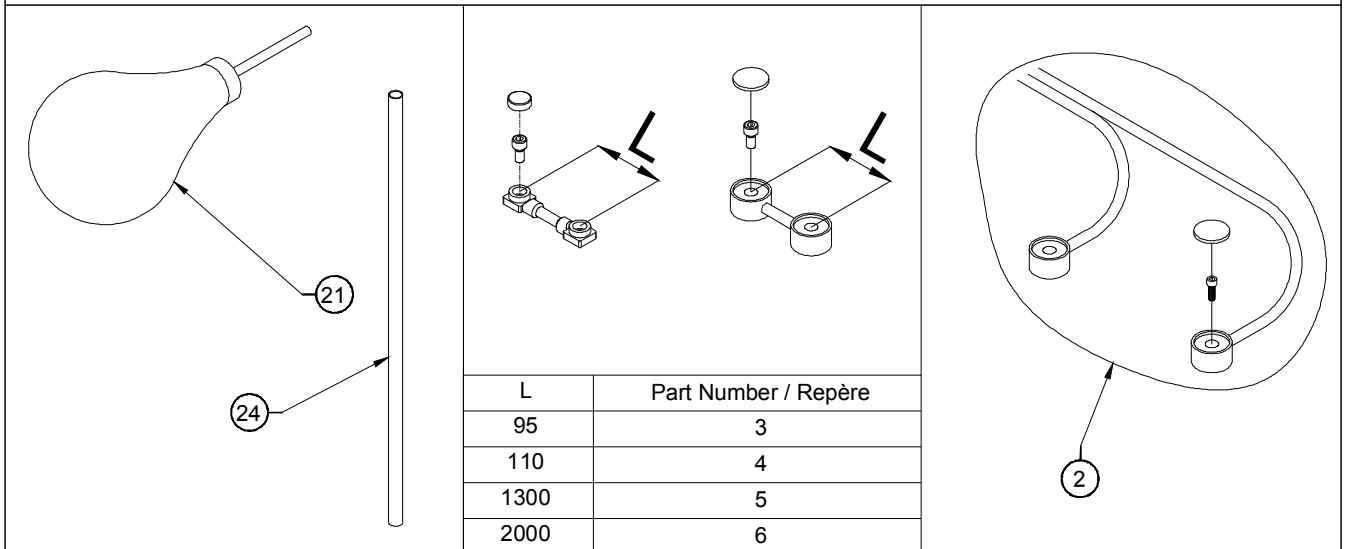
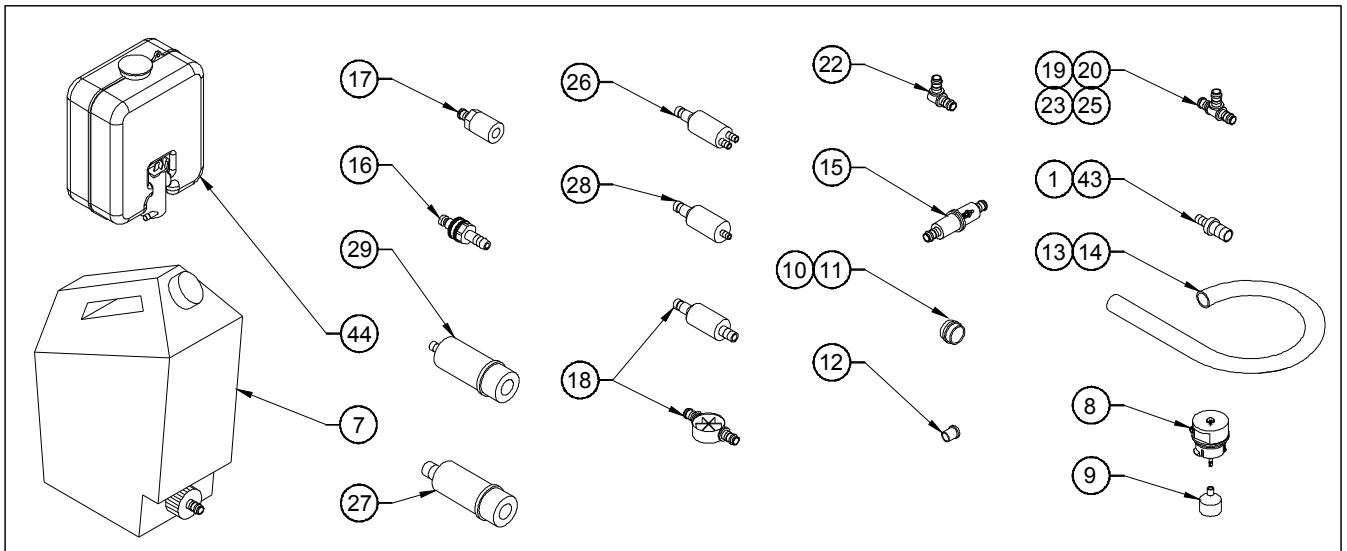
COMPOSANTS BATTERIE FUMEN/EXIDE

1/2

DET REP	PART NUMBER REF.	SEE VIEW VOIR VUE	DESCRIPTION		R E V	QTY QTE
1	400059		4/6 REDUCTION	REDUCTION 4/6		
2	910017		CONNECTOR KIT	KIT CONNEXION BATTERIES		
3	910029		E95 CONNECTOR KIT	KIT CONNECTEUR E95		
4	910030		E110 CONNECTOR KIT	KIT CONNECTEUR E110		
5	910044		E1300 CONNECTOR KIT	KIT CONNECTEUR E1300		
6	910045		E2000 CONNECTOR KIT	KIT CONNECTEUR E2000		
7	950015		DISTILLED WATER RESERVOIR	RESERVOIR D'EAU		
8	950033		BATTERY CELL LEVEL CAP	BOUCHON NIVEAU D'ELEMNT BATTERIE		
9	950035		FLOAT	FLOTTEUR		
10	950036		Ø6 PLASTIC NUT	BAGUE DE SERRAGE Ø6		
11	950037		Ø10 PLASTIC NUT	BAGUE DE SERRAGE Ø10		
12	950038		TERMINAL CAP	OBTURATEUR TERMINAL		
13	950039		Ø6 PIPE (quantity indicated in meter)	TUYAU Ø 6 (quantité indiquée en mètre)		
14	950040		Ø10 PIPE (quantity indicated in meter)	TUYAU Ø10 (quantité indiquée en mètre)		
15	950041		FILTER	FILTRE		
16	950042		MALE CONNECTOR	CONNECTEUR MALE		
17	950043		FEMALE CONNECTOR	CONNECTEUR FEMELLE		
18	950044		FILTER/FLOW INDICATOR Ø10	FILTRE INDICATEUR DE DEBIT Ø10		
19	950045		RUN TEE 10/10/10	TE 10/10/10		
20	950046		RUN TEE 10/06/10	TE 10/06/10		
21	950047		BATTERY BULB	POIRE BATTERIE		
22	950051		90° ELBOW 06/06	COUDE 06/06		
23	950052		RUN TEE 06/06/06	TE 06/06/06		
24	950058		PIPE	TUBE		
25	950059		RUN TEE 06/10/06	TE 06/10/06		
26	950148		FILTER/FLOW INDICATOR 2xØ6	FILTRE INDICATEUR DE DEBIT 2xØ6		
27	950163		FILTER FEMALE CONNECTOR Ø10	CONNECTEUR FEMELLE FILTRE Ø10		
28	950164		FILTER/FLOW INDICATOR Ø6	FILTRE INDICATEUR DE DEBIT Ø6		
29	950165		FILTER FEMALE CONNECTOR Ø6	CONNECTEUR FEMELLE FILTRE Ø6		
30	910018		SCREWED BATTERY CELL 560Ah FULMEN	ELEMENT VISSE 560Ah FULMEN		
31	950034		SCREWED BATTERY CELL 270Ah FULMEN	ELEMENT VISSE 270Ah FULMEN		
32	950056		SCREWED BATTERY CELL 448Ah FULMEN	ELEMENT VISSE 448Ah FULMEN		
33	950069		WELDED BATTERY CELL 560Ah FULMEN	ELEMENT SOUDE 560Ah FULMEN		
34	950070		WELDED BATTERY CELL 270Ah FULMEN	ELEMENT SOUDE 270Ah FULMEN		
35	950161		WELDED BATTERY CELL 693Ah FULMEN	ELEMENT SOUDE 693Ah FULMEN		
36	950166		WELDED BATTERY CELL 280Ah FULMEN	ELEMENT SOUDE 280Ah FULMEN		
37	950177		SCREWED BATTERY CELL 280Ah FULMEN	ELEMENT VISSE 280Ah FULMEN		

FULMEN/EXIDE BATTERY COMPONENTS

COMPOSANTS DE BATTERIES FULMEN/EXIDE



ISSUE DATE : 21/05/02

FULMEN / EXIDE BATTERY COMPONENTS

ISSUE REL :

ASSEMBLY N° : RM0060
N° ENSEMBLE : REV :

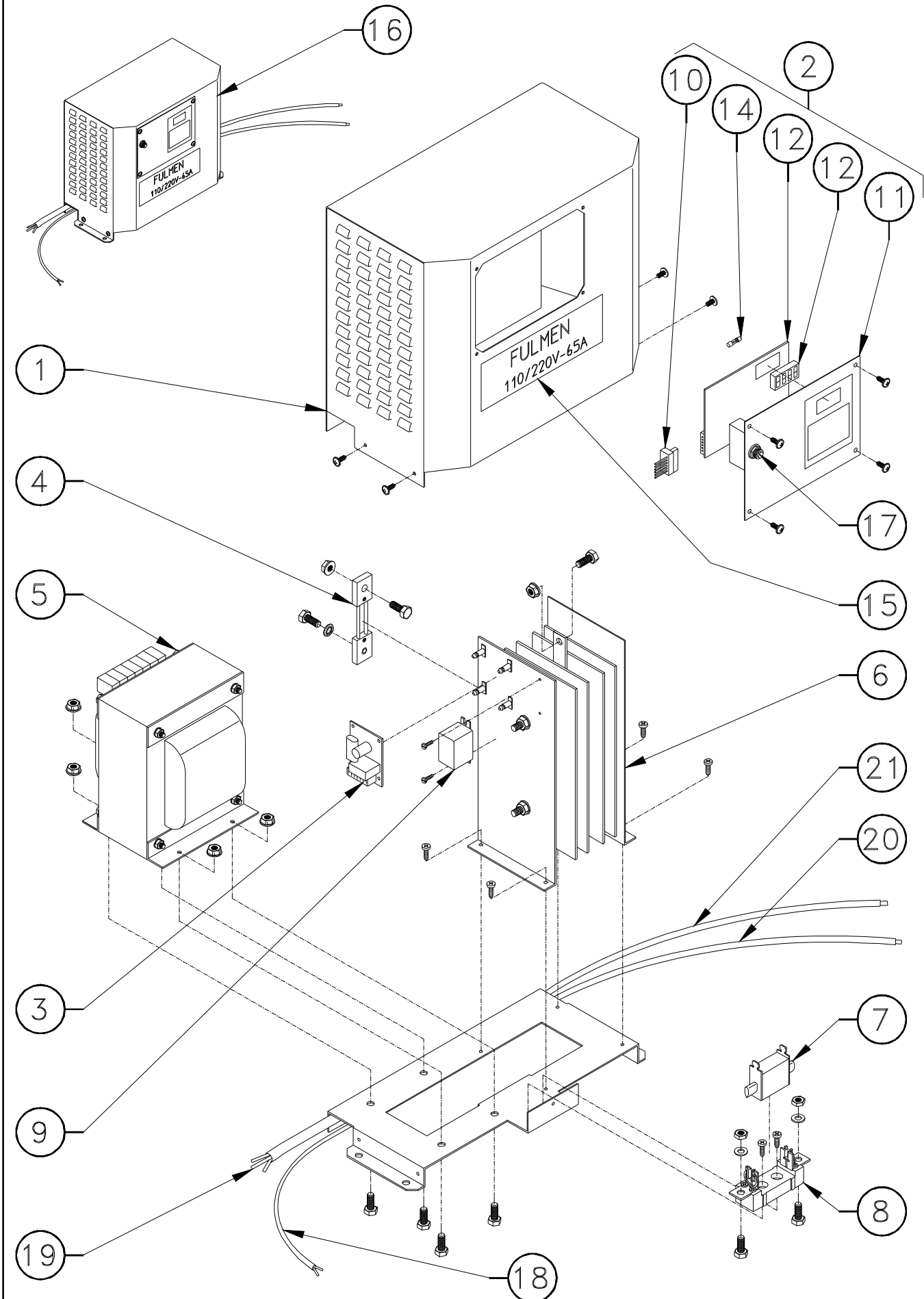
COMPOSANTS BATTERIE FUMEN/EXIDE

2/2

DET REP	PART NUMBER REF.	SEE VIEW VOIR VUE	DESCRIPTION		R E V	QTY QTE
38	950168		WELDED BATTERY CELL 240Ah FULMEN	ELEMENT SOUDE 240Ah FULMEN		
39	950169		SCREWED BATTERY CELL 240Ah FULMEN	ELEMENT VISSE 240Ah FULMEN		
40	950178		WELDED BATTERY CELL 448Ah FULMEN	ELEMENT SOUDE 448Ah FULMEN		
41	950188		GELL BATTERY CELL 480Ah FULMEN	ELEMENT GEL 480Ah FULMEN		
42	950189		WELDED BATTERY CELL 693Ah FULMEN	ELEMENT SOUDE 693Ah FULMEN		
43	400065		6/10 REDUCTION	REDUCTION 6/10		
44	400058		DISTILLED WATER CAN KIT	KIT BIDON D'EAU DISTILLEE		
45	950206		GELL BATTERY CELL 720Ah OLDHAM	ELEMENT GEL 720Ah OLDHAM		

FULMEN CHARGER 110/220V 65A

CHARGEUR 110/220V 65A FULMEN



DATE : 18/10/97

FULMEN CHARGER 110/220V 65A

MONTAGE N°/
ASSY NO : 510010 REV : B

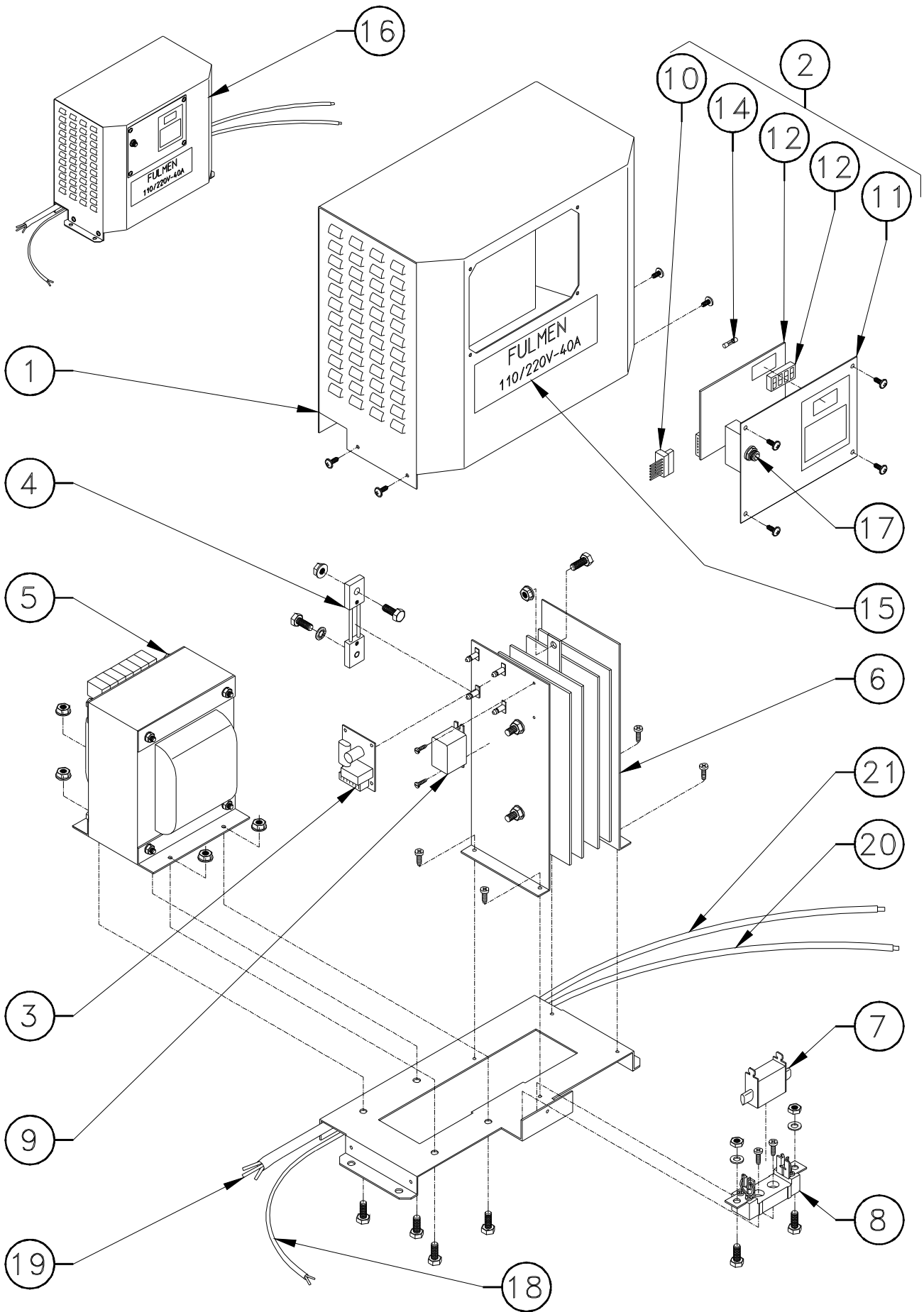
CHARGEUR 110/220V 65A FULMEN

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION		R E V	Qté/ Qty Req.
1	950016		CHARGER COVER	CAPOT CHARGEUR		1
2	950017		CONTROL PANEL	PANNEAU DE CONTROLE		1
3	950162		SECURITY CARD	CARTE DE SECURITE	B	1
4	950019		THERMAL PROTECTOR	PROTECTION THERMIQUE		1
5	950020		TRANSFORMER	TRANSFORMATEUR		1
6	950021		DIODE BRIDGE	PONT DE DIODE		1
7	950022		FUSE	FUSIBLE		1
8	950023		FUSE HOLDER	PORTE FUSIBLE		1
9	950024		RELAY	RELAIS		1
10	950025		CARD CONNECTOR	CONNECTION CARTE		1
11	950048		CONTROL PANEL PLATE	PANNEAU DE CONTROLE NU		1
12	950026		ELECTRONIC CARD WITH DISPLAY	CARTE ELEC. AVEC AFFICHEUR		1
13			NOT REQUIRED	PLUS UTILISE	A	
14	950050		ELECTRONIC CARD FUSE	FUSIBLE DE PROTECTION CARTE		1
15	950053		24V 40A DECAL	AUTOCOLLANT 24V 40A		1
16	510010		FULMEN CHARGER 110/220V 65A	CHARGEUR 110/220V 65A FULMEN		1
17	950064		CIRCUIT BREAKER	COUPE CIRCUIT		1
18	270010		WIRE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)	B	1
19	270024		WIRE 3x2.5mm ² (qty indicated in meters)	CABLE 3x2.5mm ² (qté indiquée en mètre)	B	1.70
20	270020		NEGATIF WIRE 25mm ² (qty in meter)	CABLE NEGATIF 25mm ² (qté en mètre)	B	0.8
21	270020		POSITIF WIRE 25mm ² (qty in meter)	CABLE POSITIF 25mm ² (qté en mètre)	B	1.1

FULMEN CHARGER 110/220V 40A

CHARGEUR 110/220V 40A FULMEN



DATE : 18/10/97

FULMEN CHARGER 110/220V 40A

MONTAGE N°/
 ASSY NO : 510011 REV : B

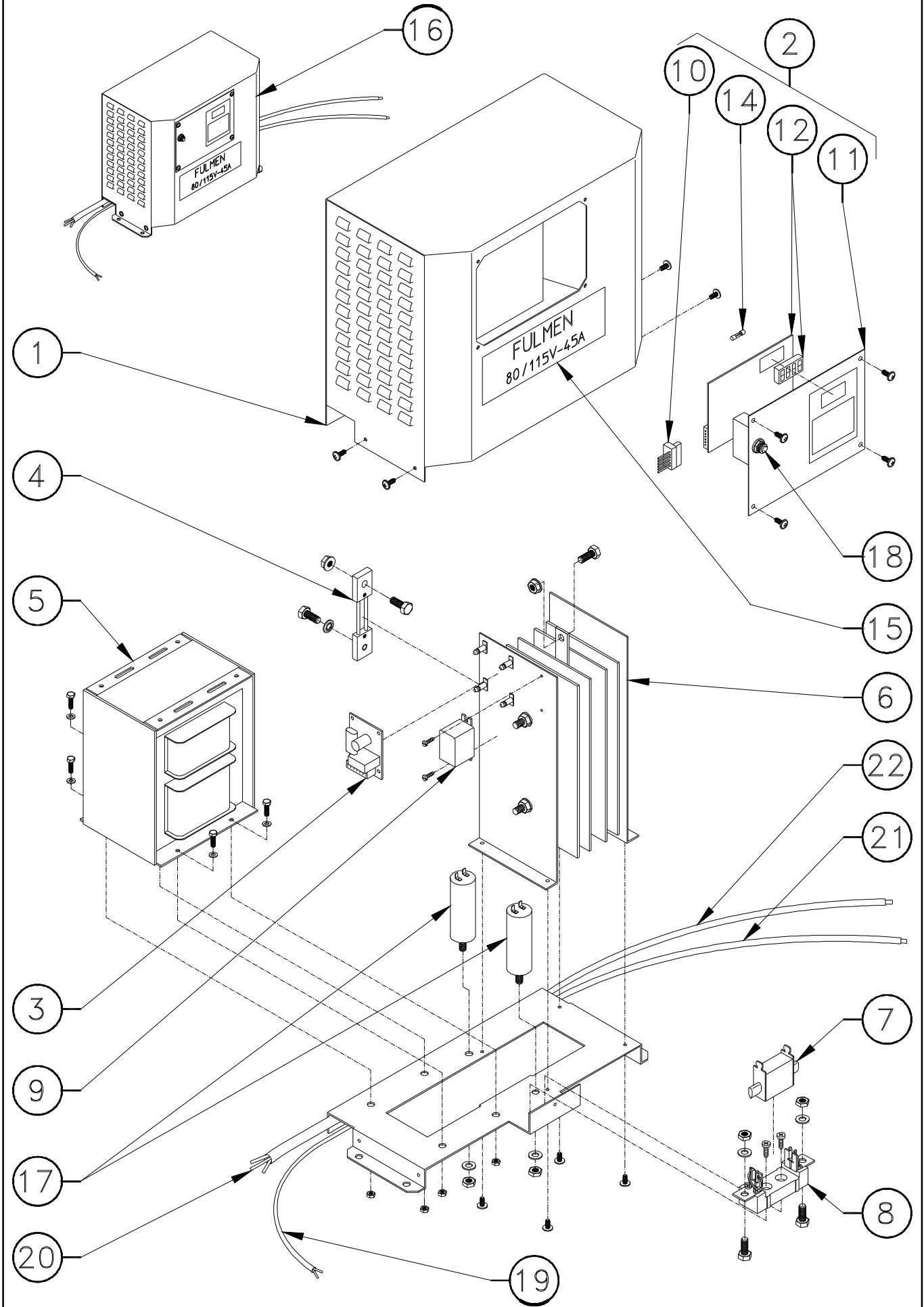
CHARGEUR 110/220V 40A FULMEN

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION		REVIEW	Qté/ Qty Req.
1	950016		CHARGER COVER	CAPOT CHARGEUR		1
2	950017		CONTROL PANEL	PANNEAU DE CONTROLE		1
3	950162		SECURITY CARD	CARTE DE SECURITE	B	1
4	950019		THERMAL PROTECTOR	PROTECTION THERMIQUE		1
5	950027		TRANSFORMER	TRANSFORMATEUR		1
6	950028		DIODE BRIDGE	PONT DE DIODE		1
7	950029		FUSE	FUSIBLE		1
8	950030		FUSE HOLDER	PORTE FUSIBLE		1
9	950024		RELAY	RELAIS		1
10	950025		CARD CONNECTOR	CONNECTION CARTE		1
11	950048		CONTROL PANEL PLATE	PANNEAU DE CONTROLE NU		1
12	950026		ELECTRONIC CARD WITH DISPLAY	CARTE ELEC. AVEC AFFICHEUR		1
13			NOT REQUIRED	PLUS UTILISE	A	
14	950050		ELECTRONIC CARD FUSE	FUSIBLE DE PROTECTION CARTE		1
15	950054		24V 40A DECAL	AUTOCOLLANT 24V 40A		1
16	510011		FULMEN CHARGER 110/220V 40A	CHARGEUR 110/220V 40A FULMEN		1
17	950064		CIRCUIT BREAKER	COUPE CIRCUIT		1
18	270010		WIRE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)	B	1
19	270024		WIRE 3x2.5mm ² (qty indicated in meters)	CABLE 3x2.5mm ² (qté indiquée en mètre)	B	1.70
20	270020		NEGATIF WIRE 25mm ² (qty in meter)	CABLE NEGATIF 25mm ² (qté en mètre)	B	0.8
21	270020		POSITIF WIRE 25mm ² (qty in meter)	CABLE POSITIF 25mm ² (qté en mètre)	B	1.1

FULMEN CHARGER 80/115V 45A

CHARGEUR 80/115V 45A FULMEN



DATE : 19/06/00

FULMEN CHARGER 80/115V 45AMONTAGE N°/
ASSY NO : 510014 REV : C**CHARGEUR 80/115V 45A FULMEN**

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION		R E V	Qté/ Qty Req.
1	950016		CHARGER COVER	CAPOT CHARGEUR		1
2	950017		CONTROL PANEL	PANNEAU DE CONTROLE		1
3	950018		"F16" SECURITY CARD	CARTE DE SECURITE "F16"	C	1
	950162		"F30" SECURITY CARD	CARTE DE SECURITE "F30"		
4	950019		THERMAL PROTECTOR	PROTECTION THERMIQUE		1
5	950062		TRANSFORMER	TRANSFORMATEUR	A	1
6	950021		DIODE BRIDGE	PONT DE DIODE		1
7	950061		FUSE	FUSIBLE	A	1
8	950023		FUSE HOLDER	PORTE FUSIBLE		1
9	950024		RELAY	RELAIS		1
10	950025		CARD CONNECTOR	CONNECTION CARTE		1
11	950048		CONTROL PANEL PLATE	PANNEAU DE CONTROLE NU	C	1
12	950026		ELECTRONIC CARD WITH DISPLAY	CARTE ELEC. AVEC AFFICHEUR		1
13			NOT REQUIRED	PLUS UTILISE	B	
14	950050		ELECTRONIC CARD FUSE	FUSIBLE DE PROTECTION CARTE	A	1
15			24V 45A DECAL	AUTOCOLLANT 24V 45A	A	1
16	510014		FULMEN CHARGER 110/220V 45A	CHARGEUR 110/220V 45A FULMEN	A	1
17	950063		CAPACITOR	CONDENSATEUR	A	2
18	950064		CIRCUIT BREAKER	COUPE CIRCUIT	A	1
19	270010		WIRE 2x1mm ² (quantity indicated in meter)	CABLE 2x1mm ² (qté indiquée en mètre)	C	1
20	270024		WIRE 3x2.5mm ² (qty indicated in meters)	CABLE 3x2.5mm ² (qté indiquée en mètre)	C	1.7
21	270020		NEGATIF WIRE 25mm ² (qty in meter)	CABLE NEGATIF 25mm ² (qté en mètre)	C	0.8
22	270020		POSITIF WIRE 25mm ² (qty in meter)	CABLE POSITIF 25mm ² (qté en mètre)	C	1.1

SPARE PARTS

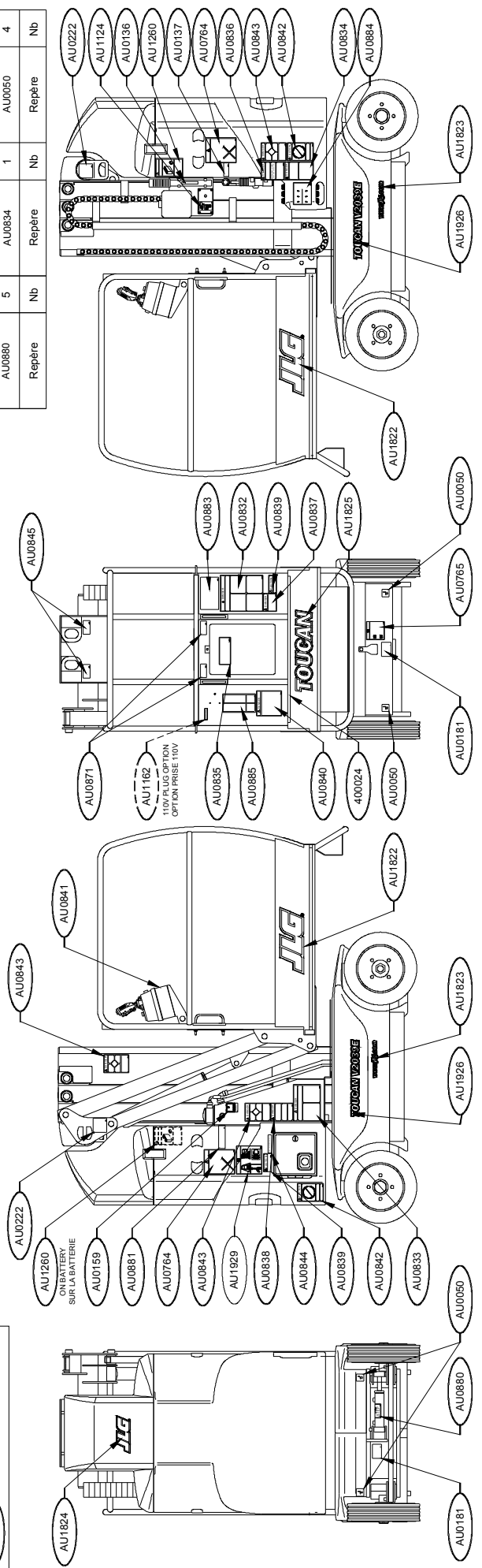
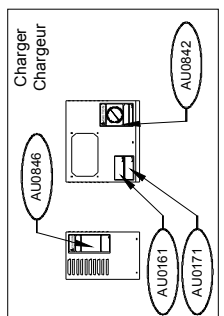
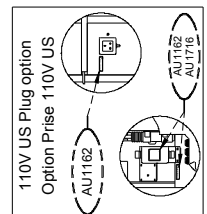
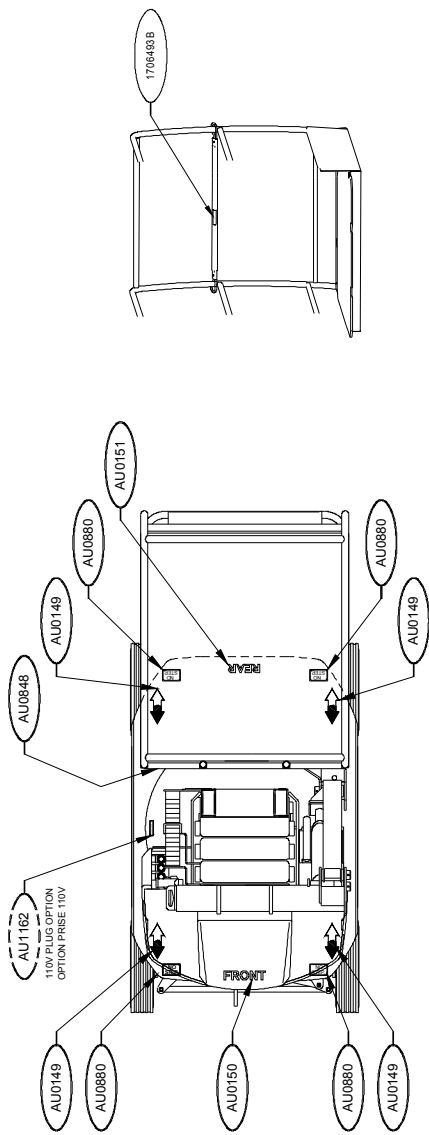
SECTION D

DECALS INSTALL

MANUFACTURER'S NAME PLATE	
US	AU1903

DECALS INSTALL

400024	0,84m	AU0871	2	AU0833	1
1706493B	1	AU0848	1	AU0832	1
AU1929	1	AU0846	1	AU0765	1
AU1926	2	AU0845	2	AU0764	2
AU1825	1	AU0844	1	AU0222	2
AU1824	1	AU0843	3	AU0181	2
AU1823	2	AU0842	3	AU0171	1
AU1822	2	AU0841	1	AU0161	1
AU1260	2	AU0840	1	AU0159	1
AU1124	1	AU0839	2	AU0151	1
AU0885	1	AU0838	1	AU0150	1
AU0884	1	AU0837	1	AU0149	4
AU0883	1	AU0836	1	AU0137	1
AU0881	1	AU0835	1	AU0136	1
AU0880	5	AU0834	1	AU0050	4
Repère	Nb	Repère	Nb	Repère	Nb



SPARE PARTS

OPTIONS



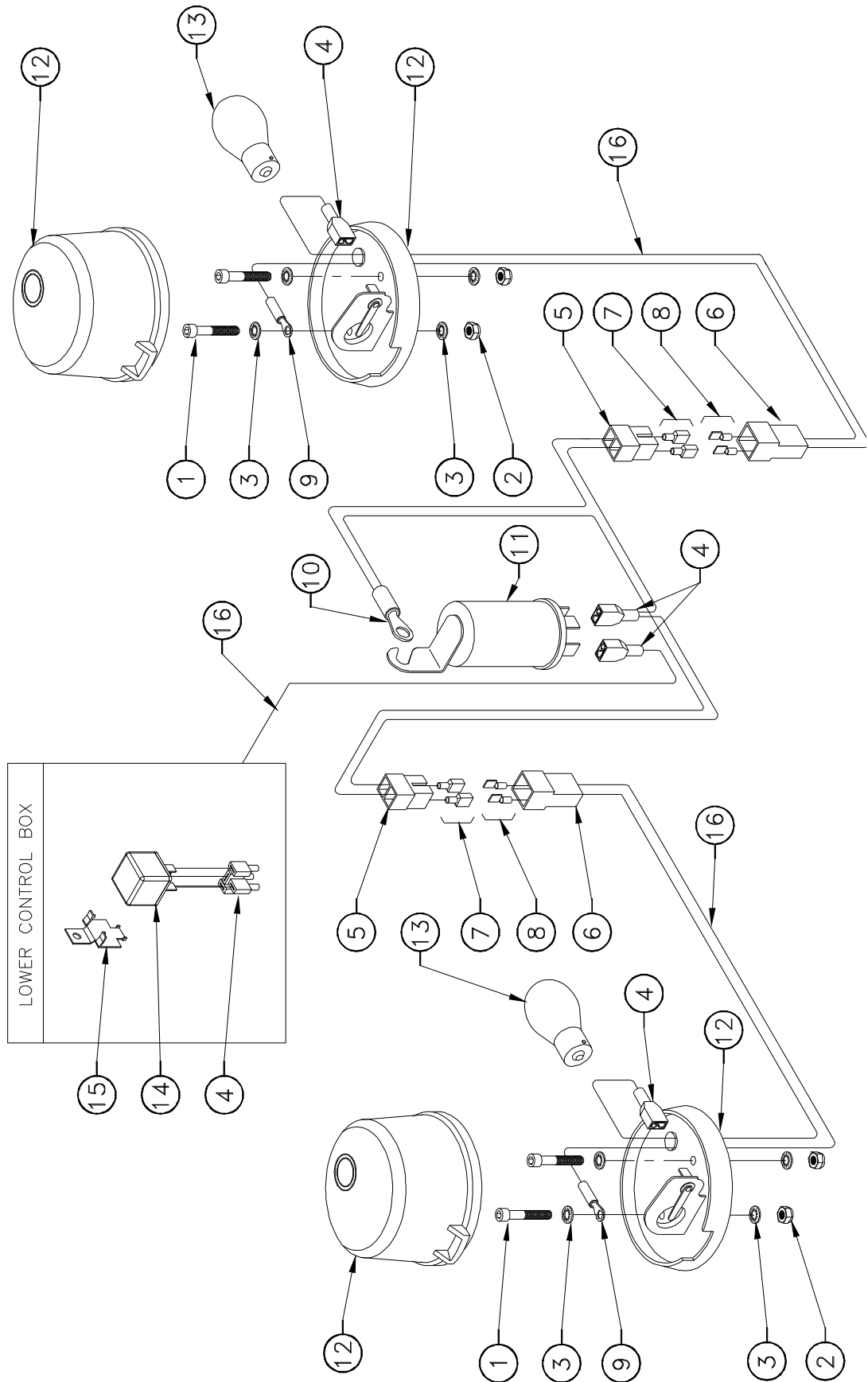
OPTIONS

SPARE PARTS

OPTION

FLASHING LIGHT INSTALL

FLASHING LIGHT INSTALL



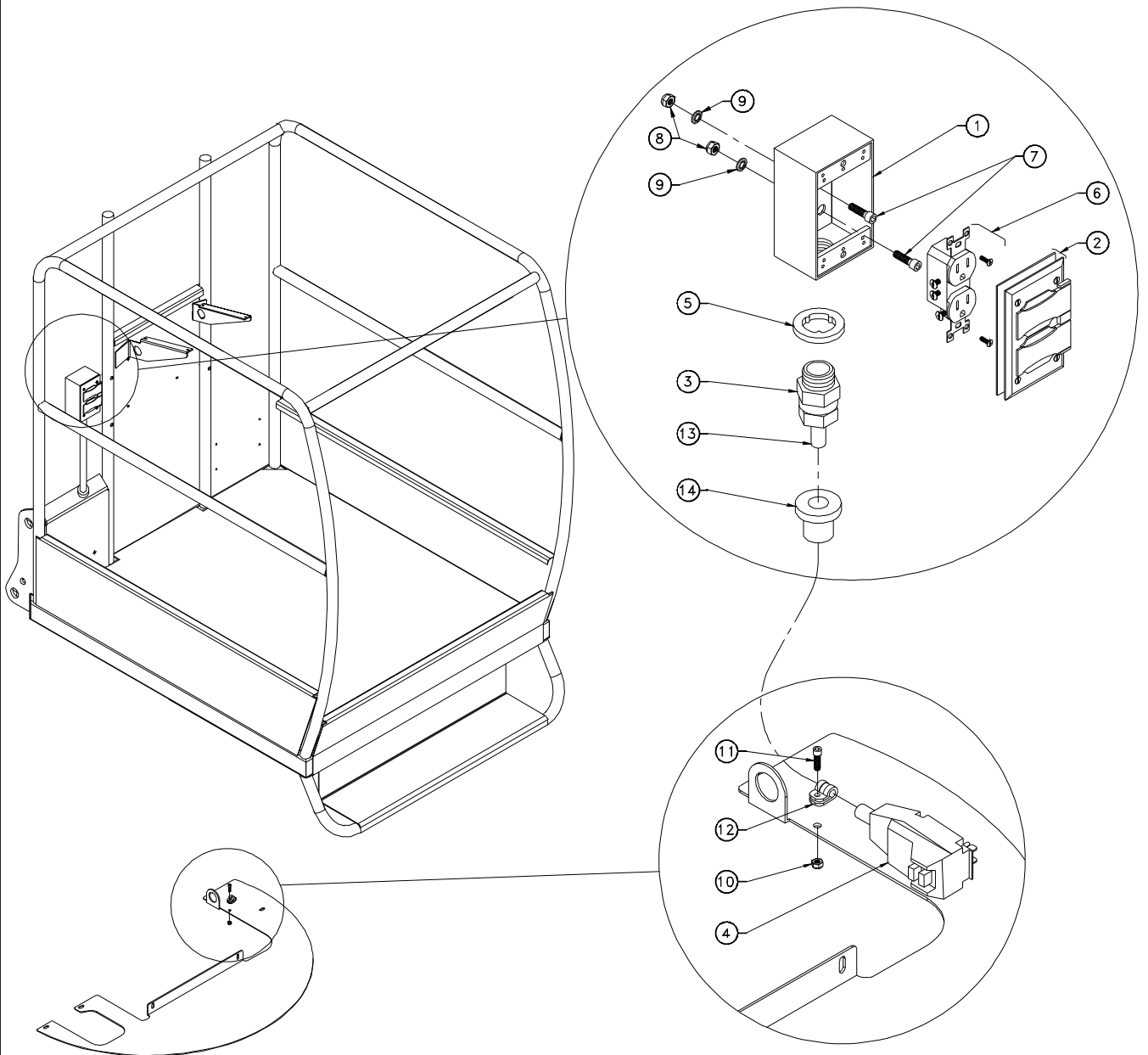
SPARE PARTS

OPTION

110 VAC INSTALL PLATFORM



110 VAC INSTALL PLATFORM



DATE : 28/01/99

110 VAC INSTALL PLATFORM

MONTAGE N°/

ASSY NO : OPS0342 REV :

1/1

DET NO.	REF./PART NUMBER	VOIR/ SEE VIEW	DESCRIPTION	R E V	Qté/ Qty Req.
1	7176002318		ELECTRICAL BOX		1
2	7258001402		COVER PLATE		1
3	7364001818		STRAIN RELIEF CONNECTOR		1
4	7364002568		110 VAC G-F-C-I PLUG		1
5	7794000708		O-RING		1
6	7872000364		RECEPTACLE		1
7	000015		M06x16 8.8 SOCKET HEAD MACH SCREW		2
8	110003		M06 GR. 8.8 LOCK NUT		2
9	120009		dD 06x14 LOCK WASHER		2
10	110002		M05 GR. 8.8 LOCK NUT		1
11	000003		M05x16 8.8 SOCKET HEAD MACH SCREW		1
12	400034		COLLAR		1
13	270024		WIRE 3x2.5mm ² (qty indicated in meters)		10
14	250051		CHANNEL D11.5		1

CROSS REFERENCE CHART

	Pages	Next assembly
310064	4-6	SP0353
320024	7-3	SP0355
320049	8-2	SP0349
520014	4-2-1	SP0354
520030	7-2-1	SP0292
520055	7-2-2	SP0292
520060	4-5-2	SP0280
900058	4-2-1-1	520014
FL0129-01	4-7	SP0353
OP380	1-1	SP0421
RM0046	6	SP0347
RM0047	2-1	SP0377
SE0001	5-3-1	SP0282
SP0276	4-1	SP0353
SP0278	4-3	SP0353
SP0280	4-5	SP0353
SP0282	5-1	SP0347
SP0283	5-2	SP0347
SP0284	5-3	SP0347
SP0285	5-3-2	SP0282
SP0286	5-3-3	SP0283
SP0291	7-1	SP0355
SP0292	7-2	SP0355
SP0343	4-7	SP0353
SP0347	5	SP0353
SP0348	9	SP0349
SP0349	8	SP0355
SP0350	4-4	SP0353
SP0352	3	SP0377
SP0353	4	SP0352
SP0354	4-2	SP0353
SP0355	7	RM0046
SP0357	9-1	SP0348
SP0377	2	SP0421
SP0417	8-1	SP0349
SP0421	1	
SP0488	2-2	SP0377
SP0489	2-3	SP0377