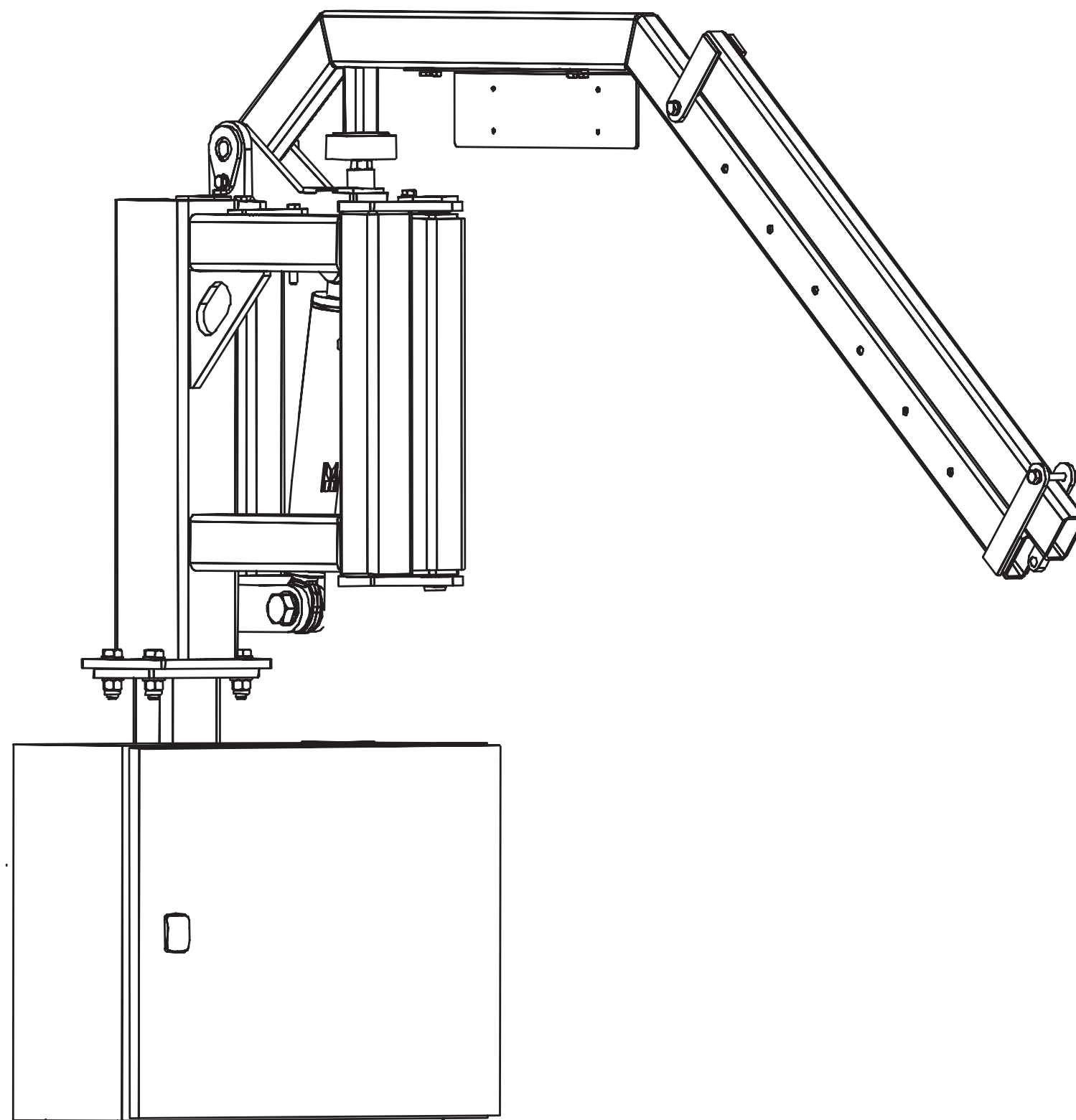


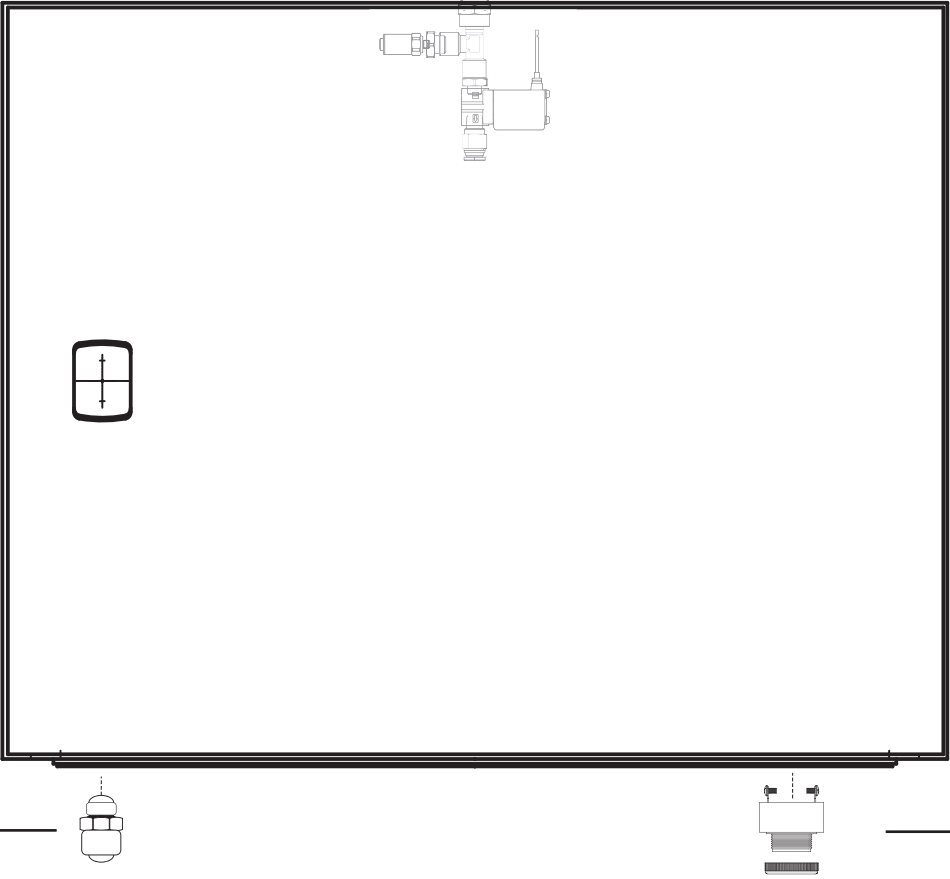
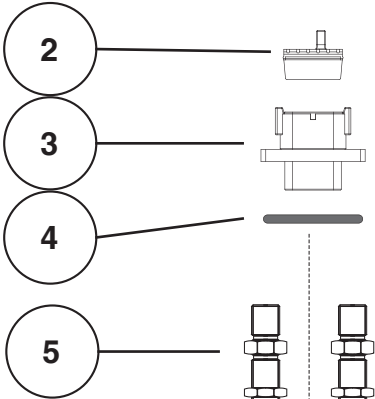
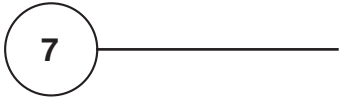
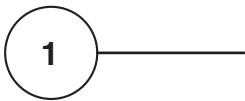
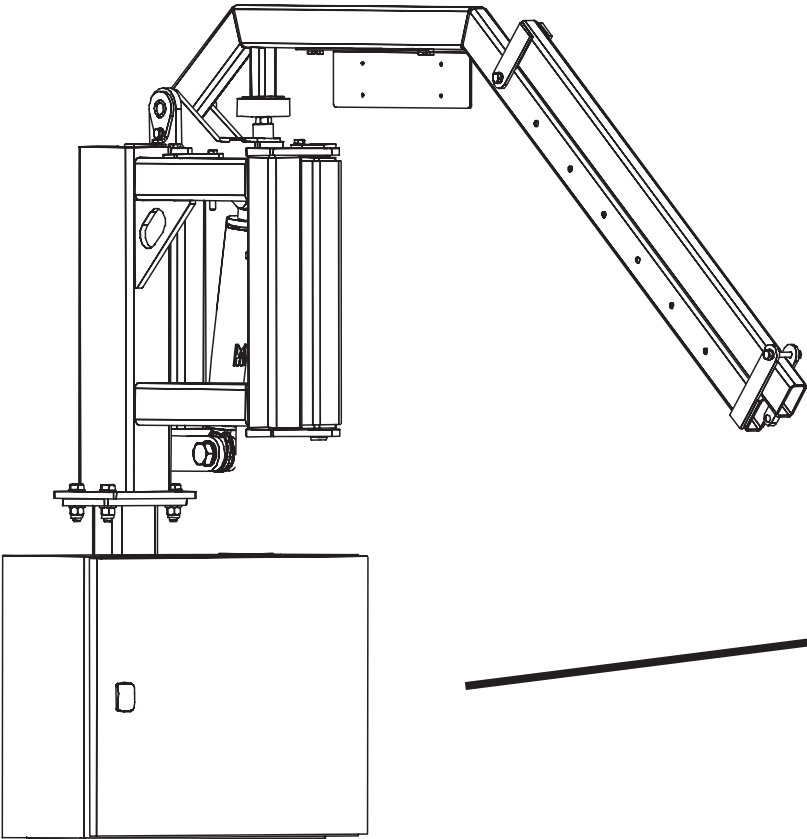


GM11

Glass-Cranes

CONTROL BOX.....	2
INTERFACE CONTROLS	5
HYDRAULIC HOSES.....	7
VACUUM HOSING, VALVES AND FITTINGS.....	8
BATTERY CHARGERS	9
BATTERY PACK.....	10
ELECTRIC SCHEMATIC.....	11
HYDRAULIC SCHEMATIC.....	12

ITEM	PART NR	DESCRIPTION	QTY
1	365514	STEEL ENCLOSURE - 400X500X210MM	1
2	255430	WEDGE LOCK	1
3	255428	RECEPT, FLANGE, 12WAY - DTM	1
3A	194286	PIN CONTACT SIZE 20	12
4	255432	GASKET	1
5	255426	BULKHEAD FITTING BSP 1/4 - 1/4	2
7	494888	BULKHEAD FITTING - AIR LINE	1
8	130218	ALARM - INTERMITTENT	1

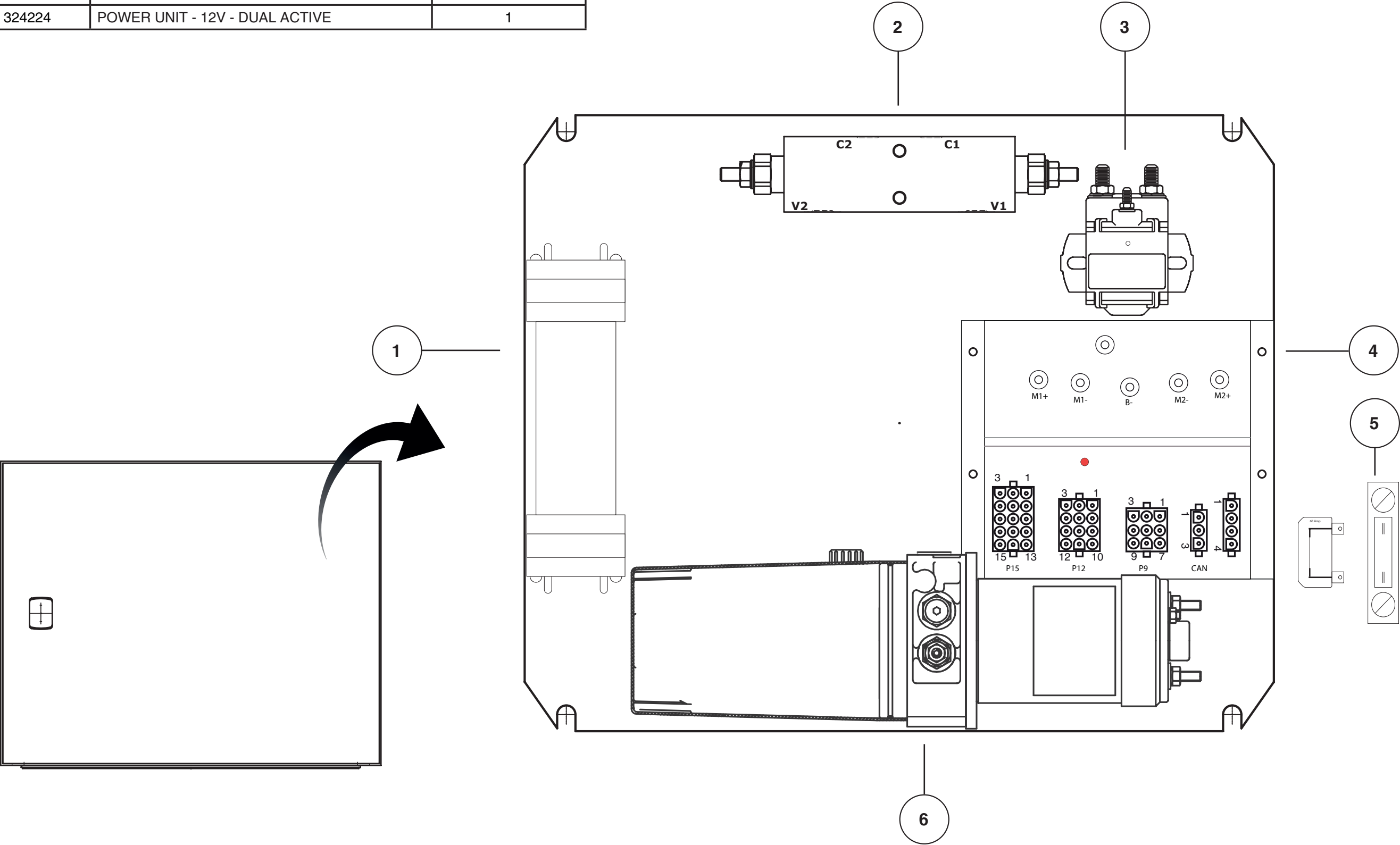


CONTROL BOX

ITEM	PART NR	DESCRIPTION	QTY
1	305430	DUAL VACUUM / PRESSURE PUMP 12VDC	1
2	324226	MANIFOLD - DUAL OVERCENTER VALVE	1
3	176116	LINE CONTACTOR 24VDC	1
4	255424	TS100 - DUAL DC MOTOR CONTROLLER + I/O	1
5A	442012	FUSE HOLDER	1
5B	?	FUSE	1
6	324224	POWER UNIT - 12V - DUAL ACTIVE	1

CONTROL BOX INNER

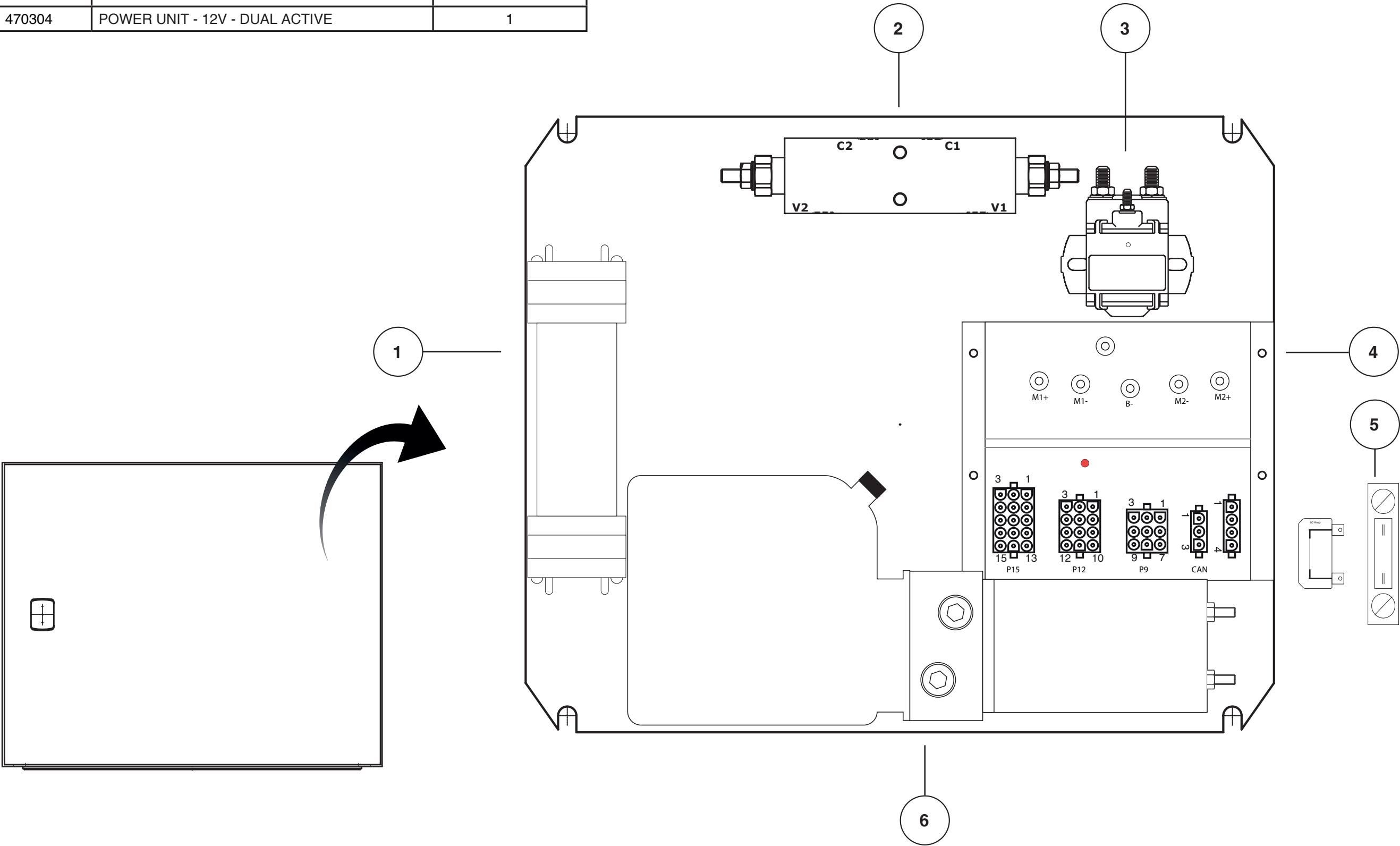
EARLY PRODUCTION VERSION



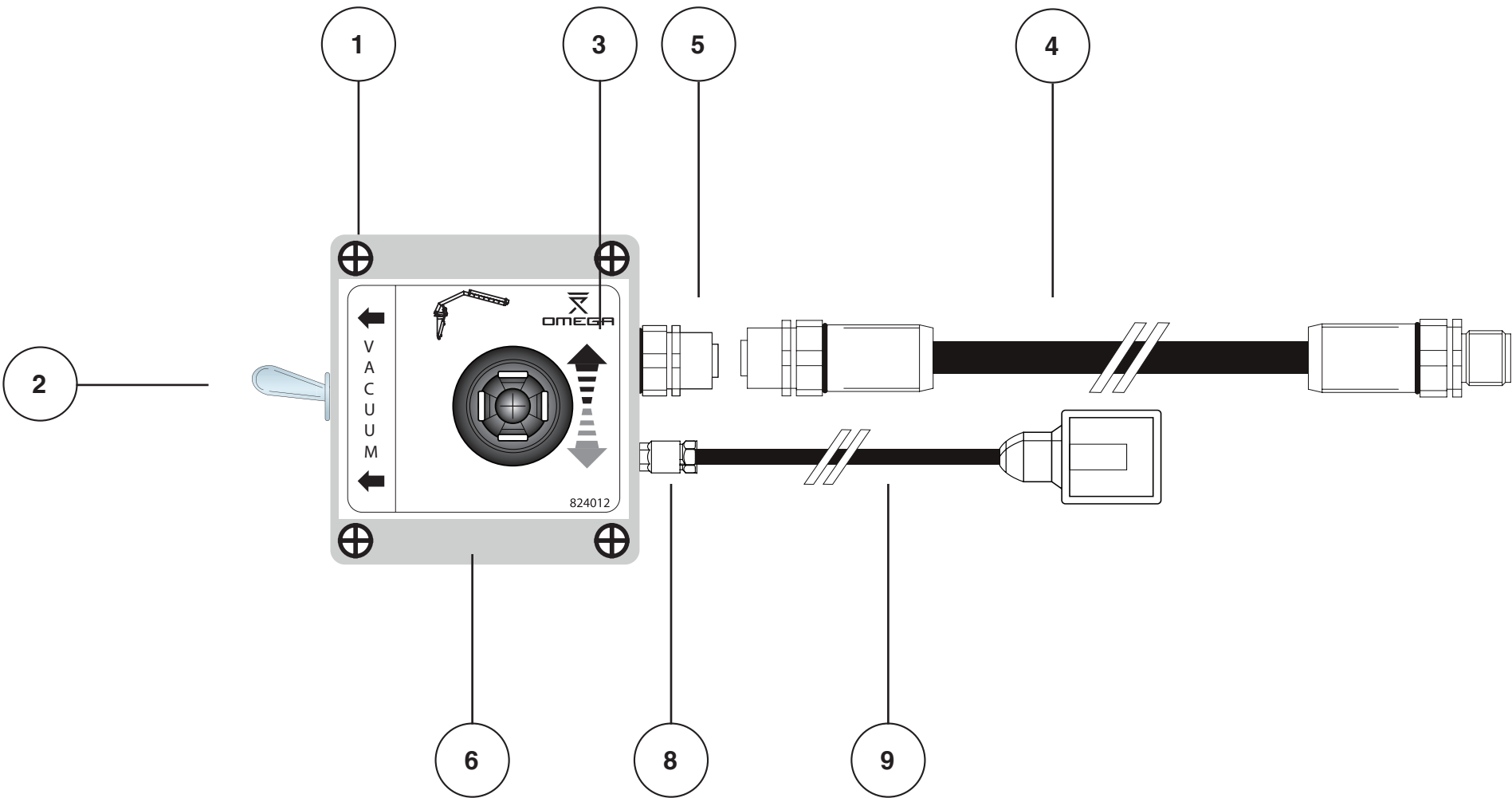
ITEM	PART NR	DESCRIPTION	QTY
1	305430	DUAL VACUUM / PRESSURE PUMP 12VDC	1
2	324226	MANIFOLD - DUAL OVERCENTER VALVE	1
3	176116	LINE CONTACTOR 24VDC	1
4	255424	TS100 - DUAL DC MOTOR CONTROLLER + I/O	1
5A	442012	FUSE HOLDER	1
5B	?	FUSE	1
6	470304	POWER UNIT - 12V - DUAL ACTIVE	1

CONTROL BOX INNER

CURRENT PRODUCTION

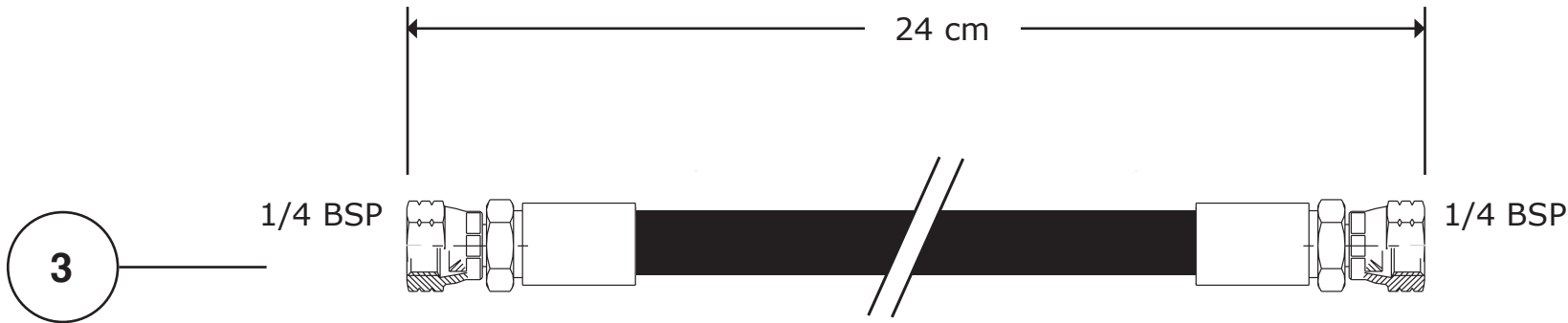
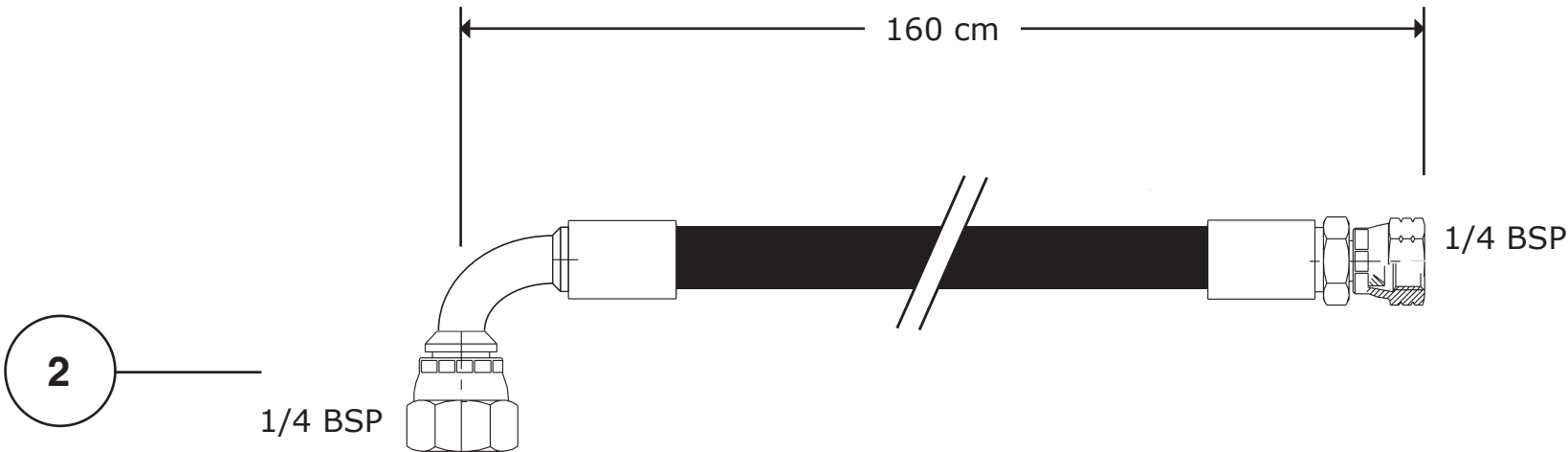
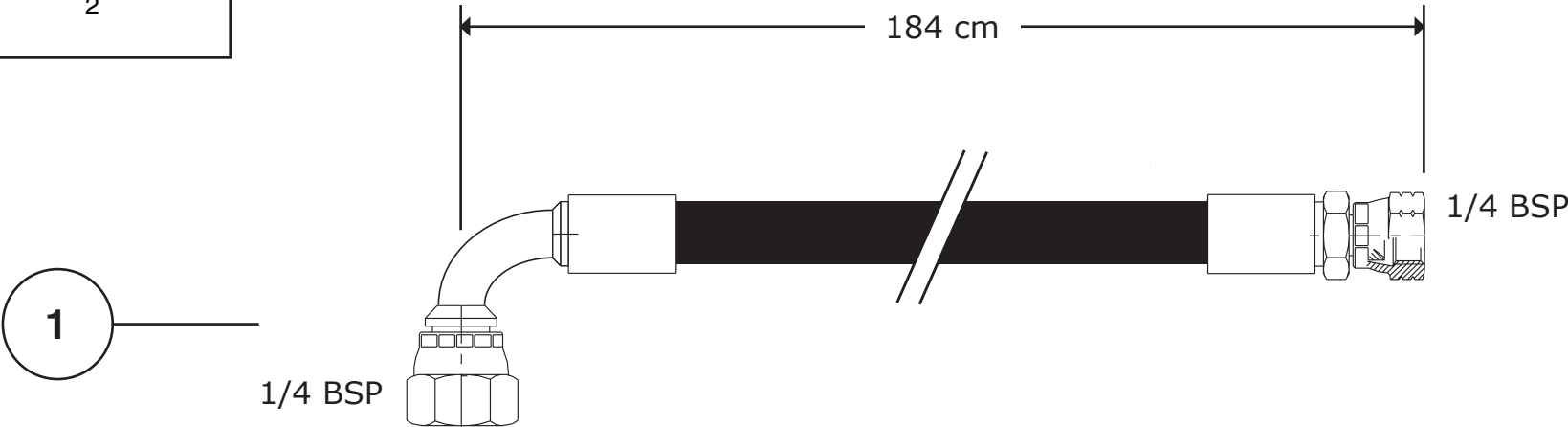


ITEM	PART NR	DESCRIPTION	QTY
1	329014	ENCLOSURE	1
2A	120064	TOGGLE SWITCH 2 POS - SPRING RETURN	1
2B	120102	BOOT TOGGLE SWITCH	1
3	824012	DECAL	1
4	329016	CABLE ASSY -M12 CONNECTOR MALE FEMALE - 8 CORE - 3 M	1
5A	329018	CONNECTOR M12 SPEEDCON - 8 POL - PANEL MOUNT	1
5B	329004	NUT M16	1
6	328948	JOYSTICK CONTROLLER	1
8		CABLE ENTRY + NUT	1
8	416410	VALVE PLUG WITH LED + CABLE ASSEMBLY	1



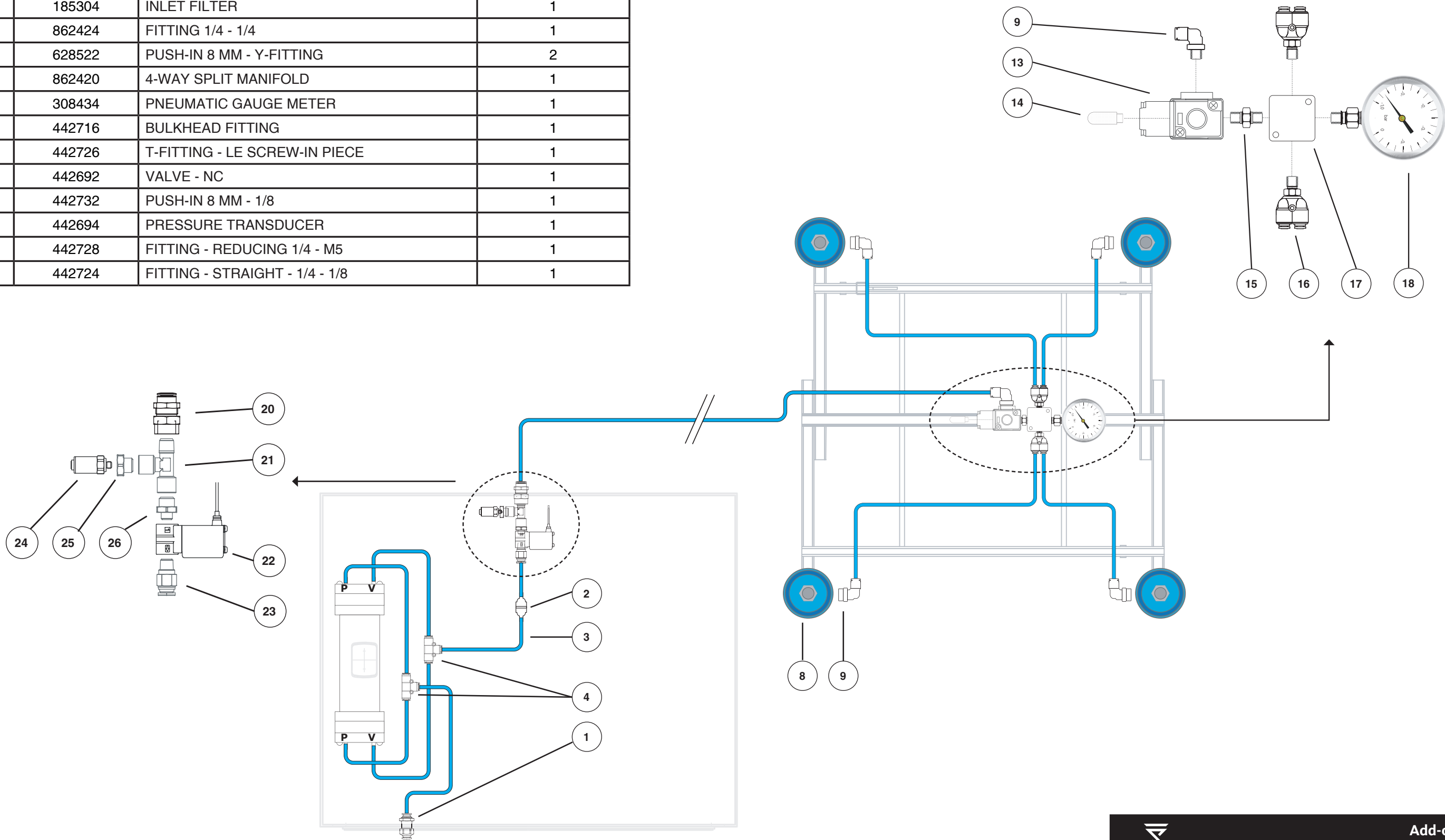
ITEM	PART NR	DESCRIPTION	QTY
1	255378	HOSE ASSEMBLY - BSP STRAIGHT 1/4 - BSP FITTING 90DEG KNEE 1/4, 184CM	1
2	255382	HOSE ASSEMBLY - BSP STRAIGHT 1/4 - BSP FITTING 90DEG KNEE 1/4, 160CM	1
3	255384	HOSE ASSEMBLY - BSP FITTING STRAIGHT 1/4 - BSP FITTING STRAIGHT 1/4 - 24CM	2

HYDRAULIC HOSES



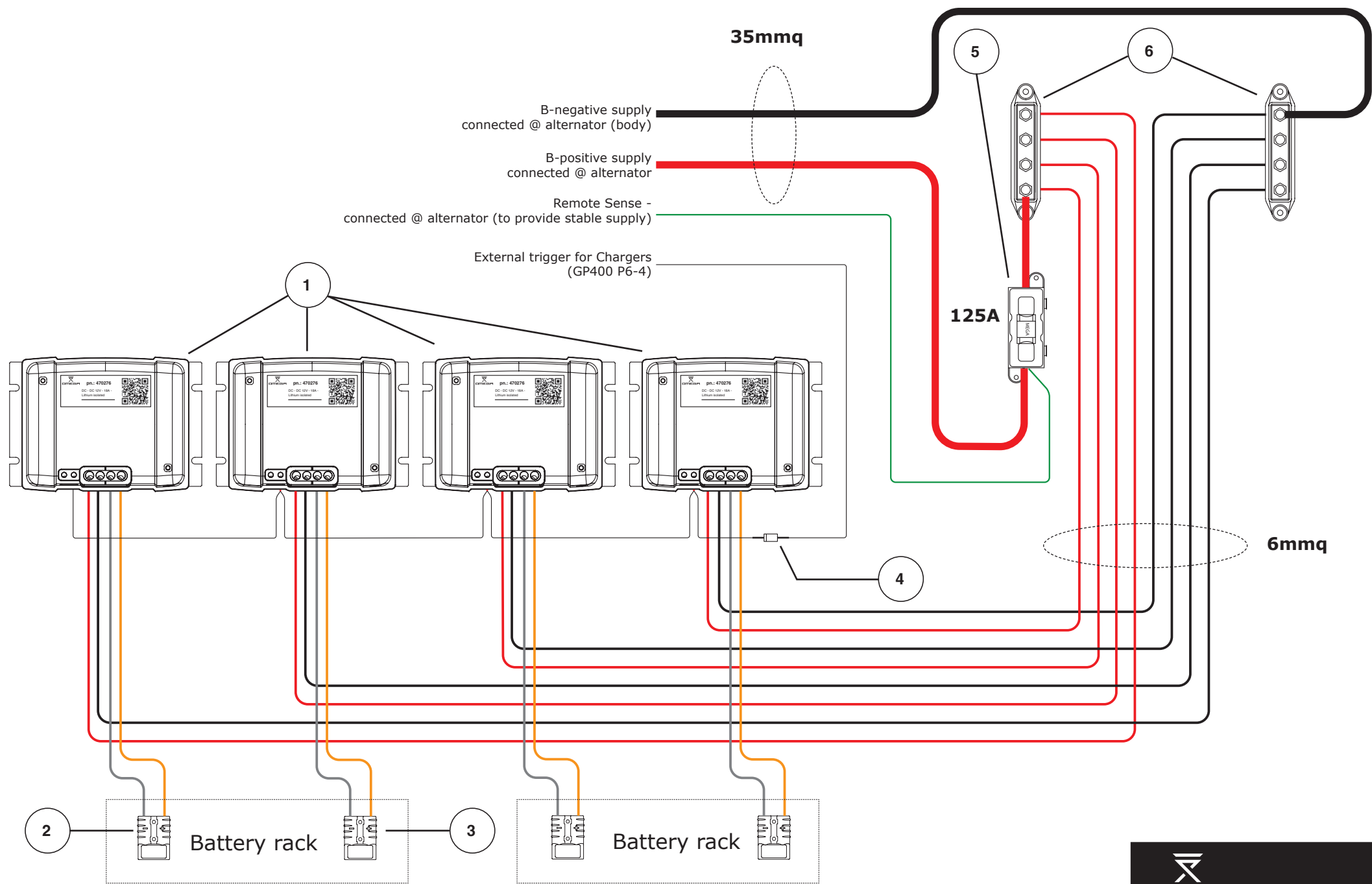
ITEM	PART NR	DESCRIPTION	QTY
1	494888	BULKHEAD FITTING - AIR LINE	1
2	??	INLINE SUCTION FILTER	1
3	??	AIR LINE HOSE 8MM	??MTR
4	255450	PUSH-IN 8 MM T-FITTING	2
8	128514	SUCTION PAD	4
9	255628	PUSH-IN 8 MM - OUTER 1/4 - KNEE FITTING	5
13	255720	VALVE ASSEMBLY 3/2 - 24VDC	1
14	185304	INLET FILTER	1
15	862424	FITTING 1/4 - 1/4	1
16	628522	PUSH-IN 8 MM - Y-FITTING	2
17	862420	4-WAY SPLIT MANIFOLD	1
18	308434	PNEUMATIC GAUGE METER	1
20	442716	BULKHEAD FITTING	1
21	442726	T-FITTING - LE SCREW-IN PIECE	1
22	442692	VALVE - NC	1
23	442732	PUSH-IN 8 MM - 1/8	1
24	442694	PRESSURE TRANSDUCER	1
25	442728	FITTING - REDUCING 1/4 - M5	1
26	442724	FITTING - STRAIGHT - 1/4 - 1/8	1

VACUUM HOSING, VALVES AND FITTINGS



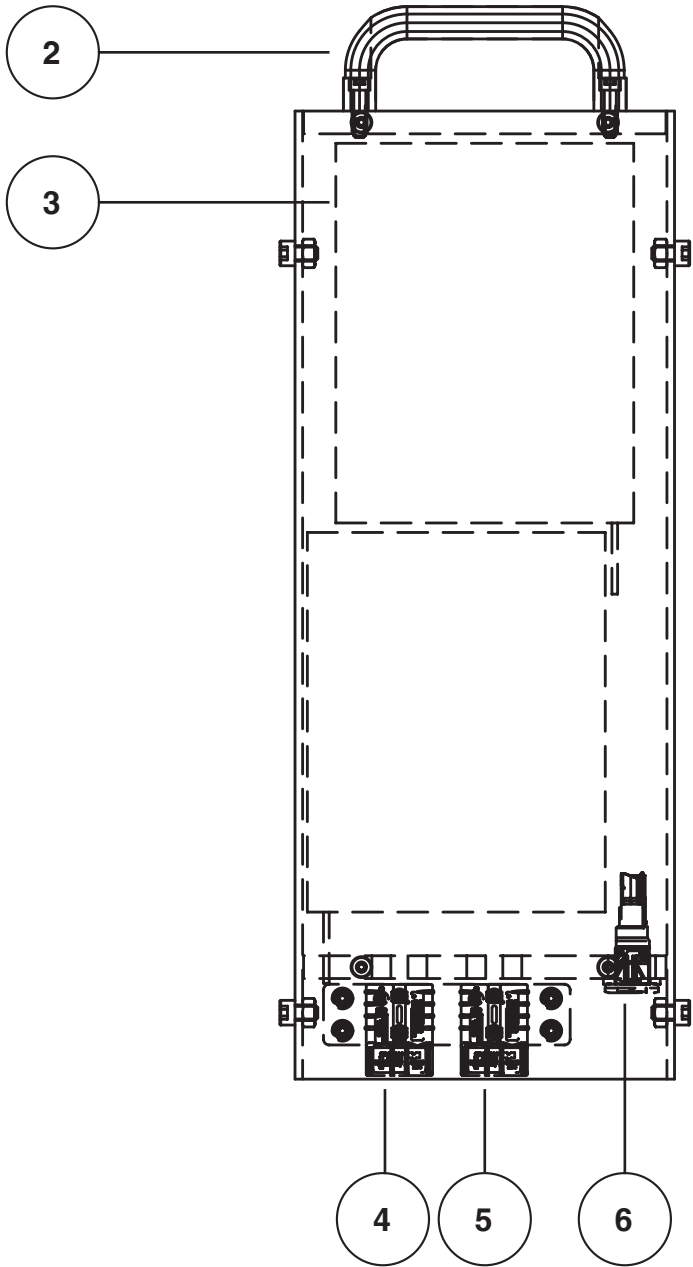
ITEM	PART NR	DESCRIPTION	QTY
1	470276	DC-DC BATTERY CHARGER REGULATOR	4
2	514814	CONNECTOR 50A - GREY	2
3	365518	CONNECTOR 50A - BLACK	2
4	308144	DIODE 3A	1
5A	304108	FUSE HOLDER	1
5B	612370	FUSE 125A	1
6	370138	DISTRIBUTION TERMINAL	2

BATTERY CHARGERS

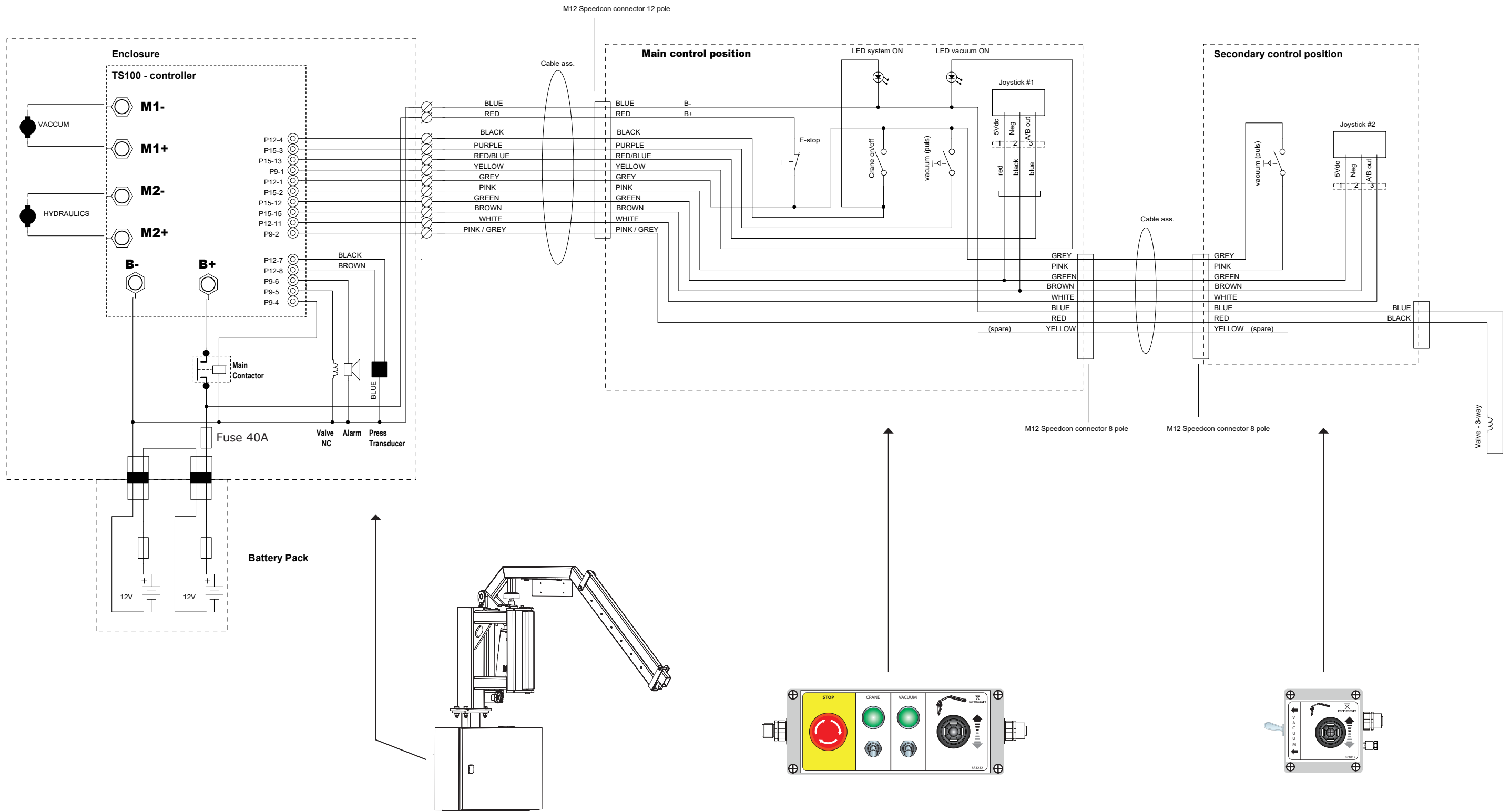


ITEM	PART NR	DESCRIPTION	QTY
1	148600	DC POWER BOX - LIFEPO4 - 12/24VDC - 1KW	***
2	185302	HANDLE BLACK	1
3	---	LIFEPO4 BATTERY (NOT SOLD SEPARATELY)	2
4	514814	CONNECTOR 50A - GREY	1
5	365518	CONNECTOR 50A - BLACK	1
6A	365520	FUSE HOLDER	2
6B	185108	FUSE 40A - SLOW	2
7	560204	DECAL - INSTRUCTIONS - CAUTION	1

BATTERY PACK



ELECTRIC SCHEMATIC



HYDRAULIC SCHEMATIC

