

ILLUSTRATED PART BREAK DOWN 1200TS SERIES

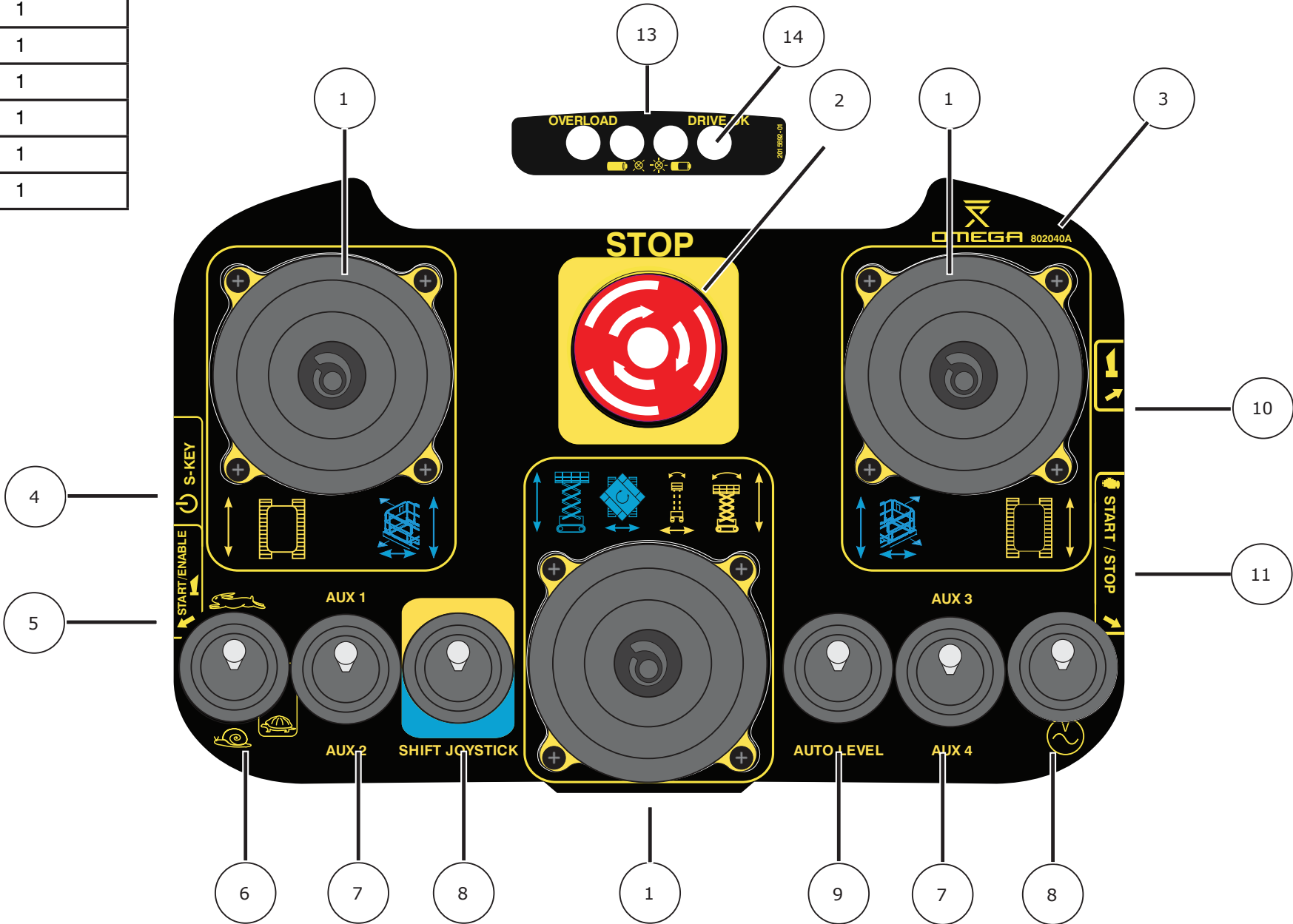
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ITEM	PART NR	DESCRIPTION	QTY
1	428002	JOYSTICK CONTROLLER	3
2	428046	EMERGENCY STOP	1
3	802040	DECAL - OVERLAY	1
4	122482	KEY SWITCH - HOUSING	1
-	PLEASE CALL	KEY ONLY	1
5	428054	PUSH BUTTON GREEN	1
6	510610	TOGGLE SWITCH - 3 POS - ALL FIXED - KIT	1
7	130014	TOGGLE SWITCH - 3 POS - SPRING RETURN CENTER - KIT	2
8	130402	TOGGLE SWITCH - 2 POS - FIXED - KIT	2
9	510682	TOGGLE SWITCH - 2 POS - SPRING RETURN - KIT	1
10	428048	PUSH BUTTON BLACK	1
10A	510684	BRACKET FOR PUSH BUTTON	1
11	428048	PUSH BUTTON BLACK	1
12	510688	CONNECTOR PANEL MOUNT	1
13	622114	DECAL LED STRIP	1
14	622098	LED STRIP - 4 LEDS	1

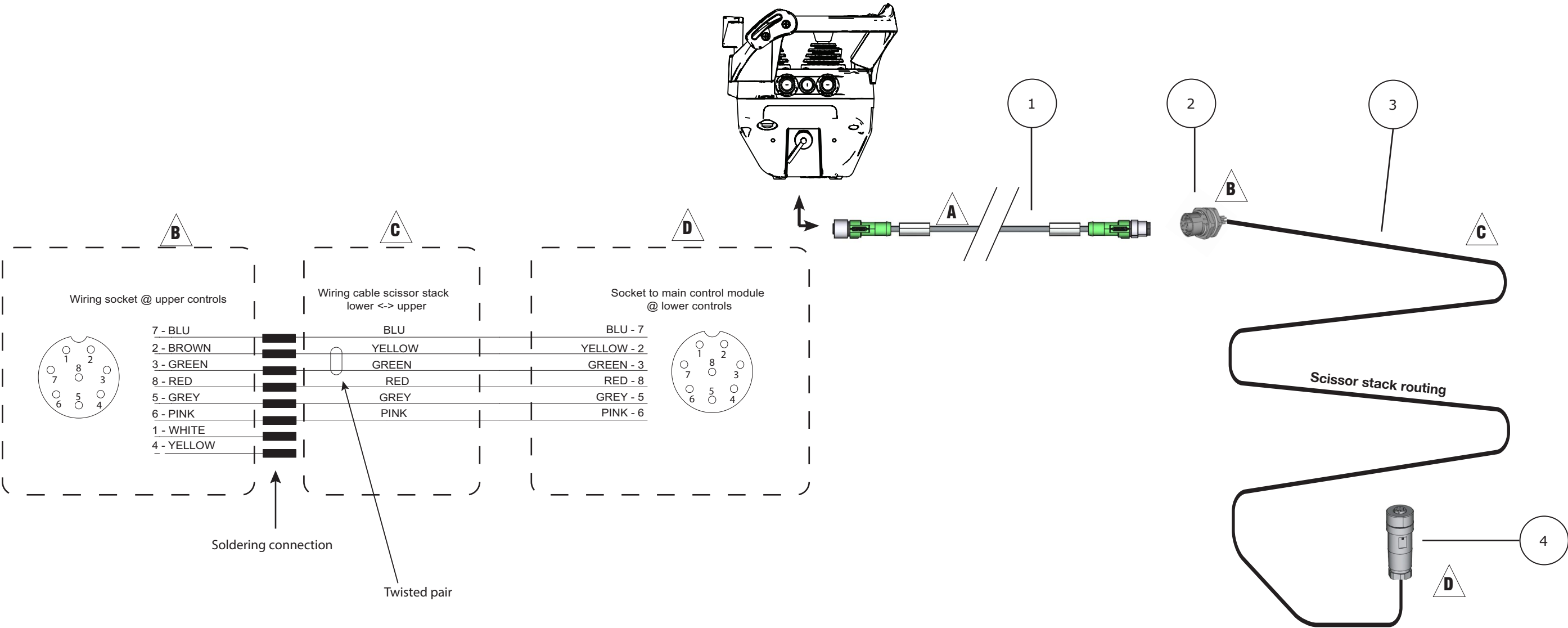
RADIOGRAPHIC REMOTE CONTROL



ITEM	PART NR	DESCRIPTION	QTY
1	510698	CABLE WITH CONNECTORS - 5 MTR	1
2	512008	SOCKET - PANEL MOUNT	1
3	465004	CABLE TWISTED PAIR - 4X2X0,5	15 MTR
4	512012	PLUG	1

SUPPLY CABLE FOR RADIOGRAPHIC CONTROL (OPTIONAL)

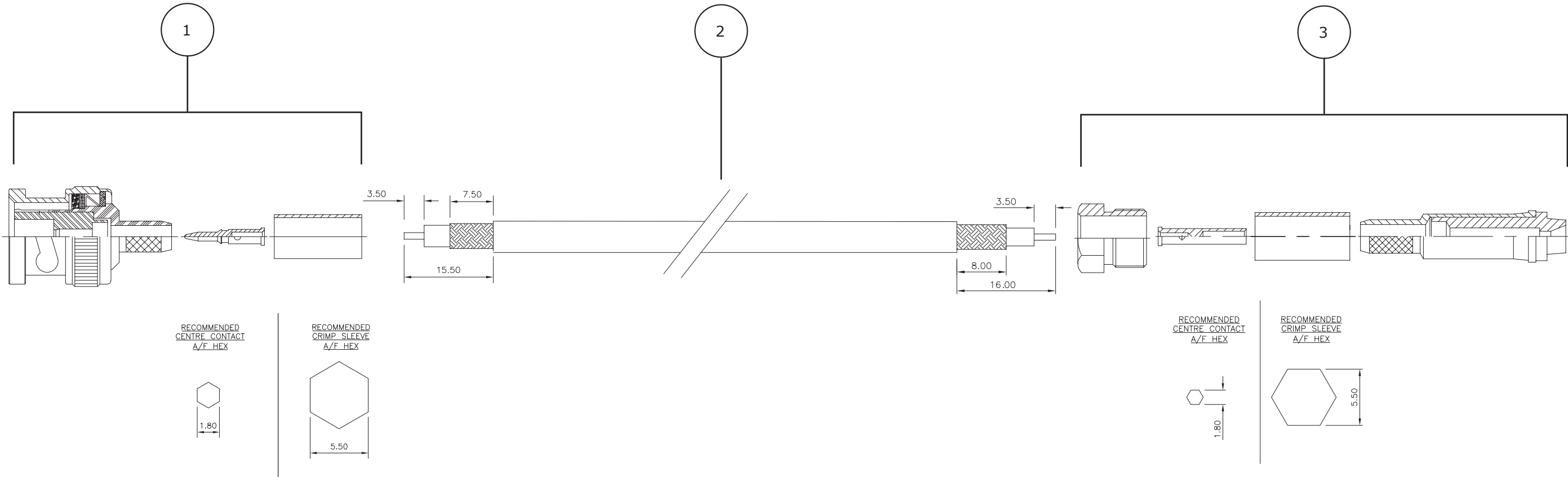
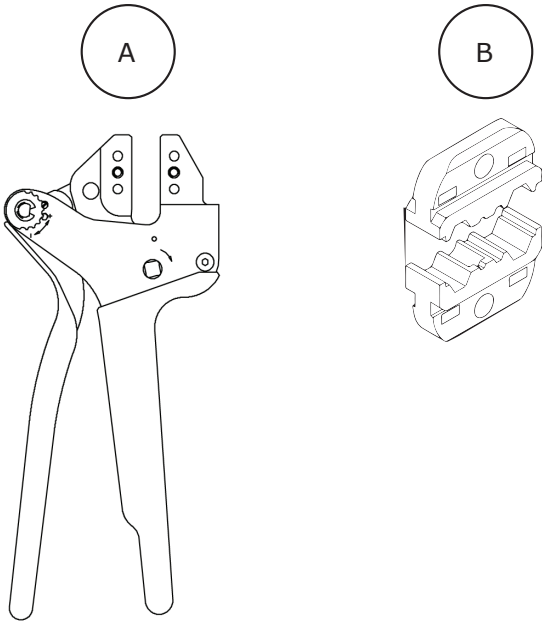
- A = control cable for fixed AUTEC controller
- B = plug at enclosure module, mounted below platform.
- C = Shielded twisted pair cable - 8 core (4x2) 0,5 mm2 each



ITEM	PART NR	DESCRIPTION	QTY
1	624350	BNC COAXIAL CONNECTOR 50OHM	1
2	420336	COAXIAL CABLE 50OHM - PER MTR	___ MTR
3	624362	COAXIAL CONNECTORS FME STRAIGHT	1

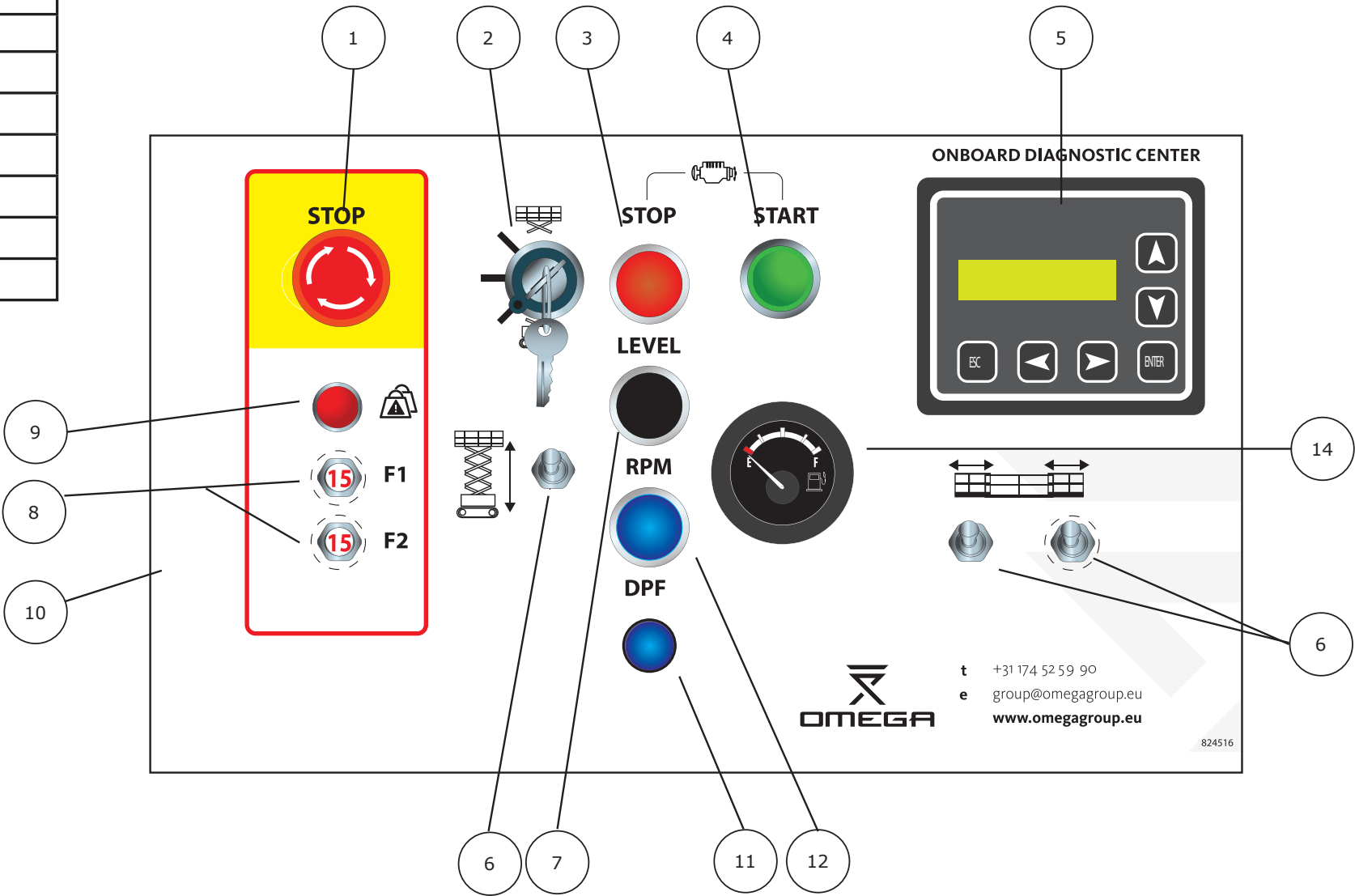
TOOLING			
ITEM	PART NR	DESCRIPTION	QTY
A	624364	CRIMP HAND TOOL	1
B	624366	HEX DIE - FOR HAND TOOL (INSERTS)	1

AUTEC ANTENNA CABLE ASSY

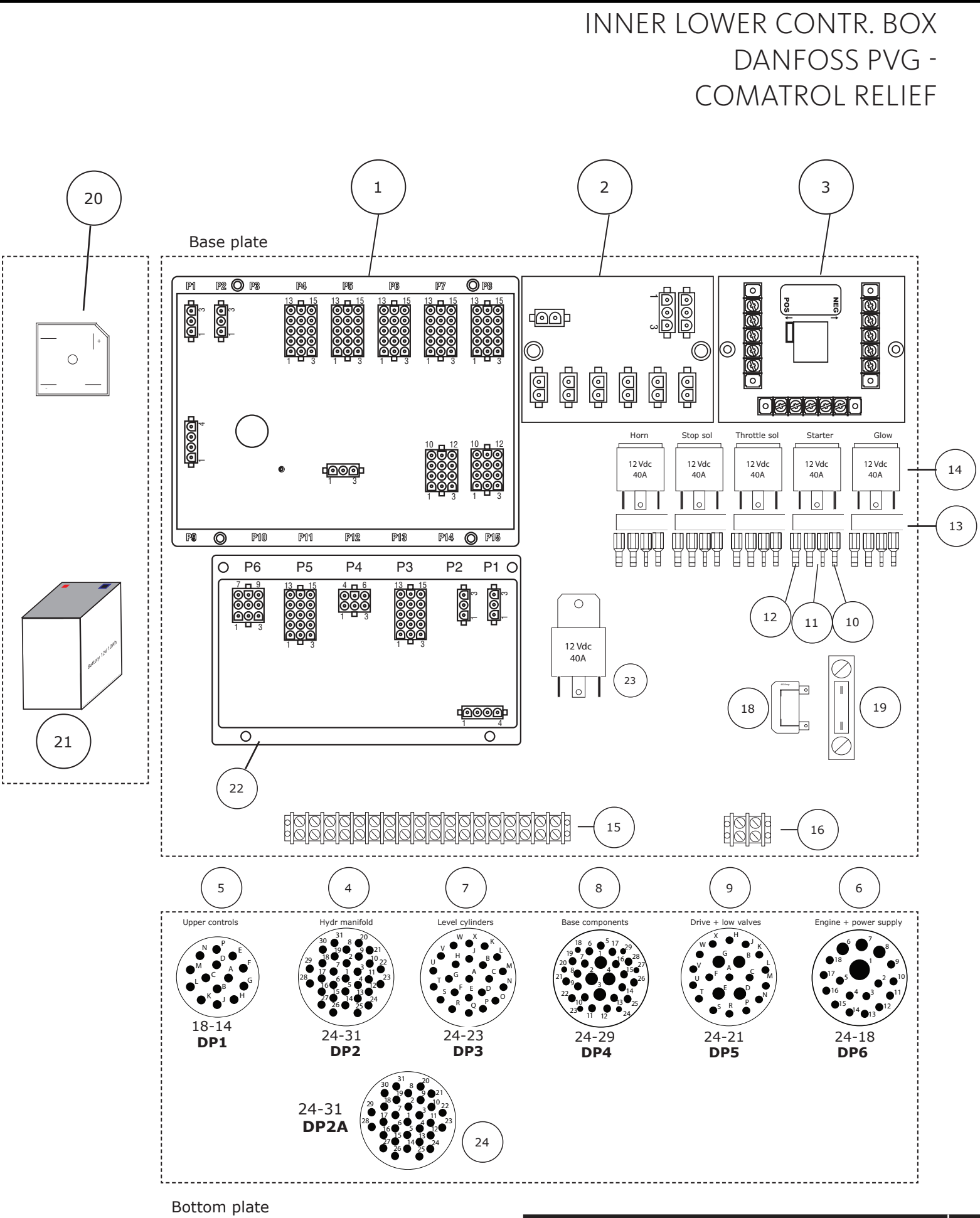


ITEM	PART NR	DESCRIPTION	QTY
1A	130336	EMER. STOP - TWIST TO RELAESE	1
1B	130332	CONTACT BLOCK NC	1
1C	130338	BASE RING	
2A	130334	KEY SWITCH 3 POS	1
2B	120224	CONTACT BLOCK NO	2
2C	130338	BASE RING	1
3A	416122	PUSH BUTTON RED	1
4	416120	PUSH BUTTON GREEN	1
5	192412	ON BOARD DIAGNOSTICS CENTER	1
6	120050	TOGGLE SWITCH - 3 POS	3
7	416124	PUSH BUTTON BLACK	1
2B,3B, 7B	120224	CONTACT BLOCK NO	3
2C,3C,7C	130338	BASE RING	3
8	455621	CIRCUIT BREAKER 15A	2
9	628578	LED RED	1
10	824516	DECAL LOWER CONTROLS	1
11	403234	LED BLUE - DPF WARNING	1
12A	620578	BUSH BUTTON BLUE - WITH SIGNALLING	1
12B	620702	LIGHT ELEMENT	1
12C	610222	CONTACT BLOCK NO	1
12D	132124	BASE RING	1
14	628582	TANK METER (DIESEL TANK)	1

LOWER CONTROL BOX DPF ENGINE



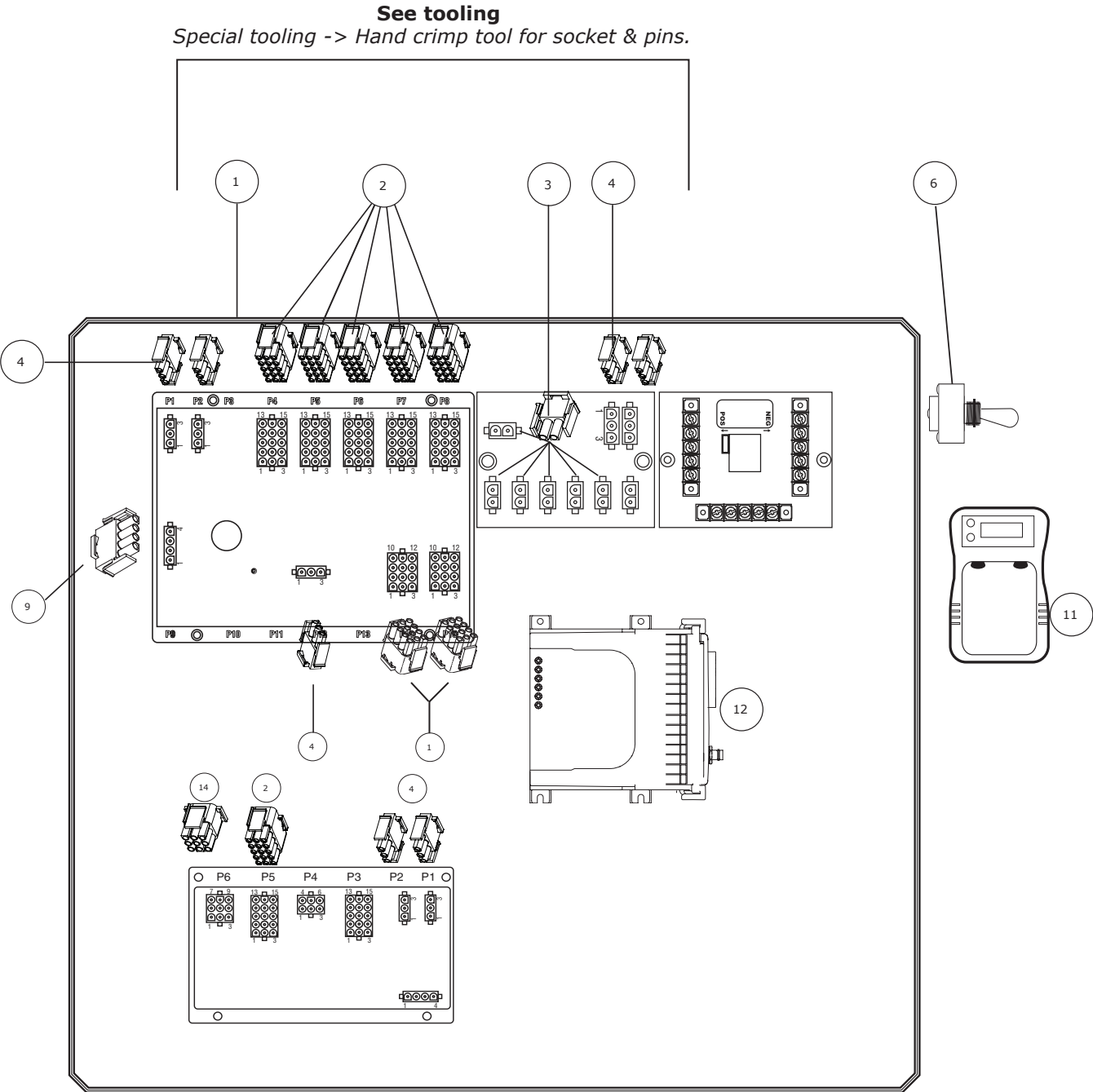
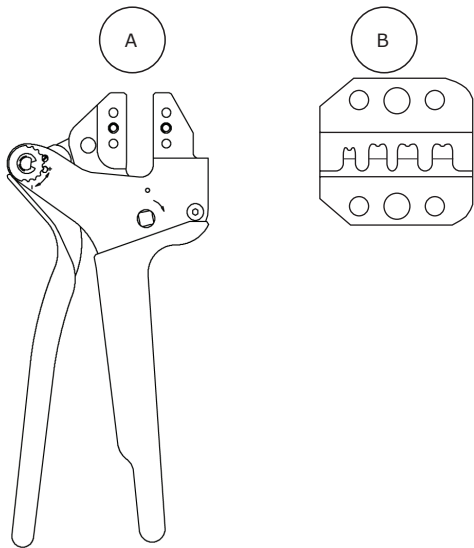
ITEM	PART NR	DESCRIPTION	QTY
1	440692	CONTROL MODULE GP400	1
2	192414	VCCM CONTROL MODULE	1
3	318598	TERMINAL BLOCK MODULE	1
4	194122	CONNECTOR HOUSING - 31 WAY	1
5	468376	CONNECTOR HOUSING - 14 WAY	1
6	215084	CONNECTOR HOUSING - 18 WAY	1
7	460140	CONNECTOR HOUSING - 23 WAY	1
8	194112	CONNECTOR HOUSING - 29 WAY	1
9	468394	CONNECTOR HOUSING - 21 WAY	1
-	194114	LOCKING NUT - SIZE 24	6
-	194116	LOCKING WASHER - SIZE 24	6
-	194156	LOCKING NUT - SIZE 18	1
	194124	LOCKING WASHER - SIZE 18	1
	194286	PIN SIZE 20	20
	194118	PIN SIZE 16	80
	126842	PIN SIZE 12	8
10	416112	TERMINAL CONNECTOR - 1,5 MMQ	4
11	416116	TERMINAL CONNECTOR 0,5 MMQ	4
12	416118	TERMINAL CONNECTOR 4,0 MMQ	8
13	416114	SOCKET RELAY	4
14	435716	RELAY AUTOMOTIVE	4
15	415304	TERMINAL STRIP 18 WAY	1
15B	614012	TERMINAL JUMPER 8 WAY	3
16	360174	TERMINAL STRIP 2 WAY	1
17	614012	TERMINAL BRIDGE	5
18		FUSE 60 AMP (FOR GLOW)	1
19	442012	FUSE HOLDER	1
20	821312	BRIDGE RECTIFIER	1
21	487036	BY-PASS BATTERY 12 V 10AH	1
22	192448	GP450 CONTROL MODULE	1
23	610174	RELAY 12V SEALED	1
24	244008	CONNECTOR HOUSING - 31 WAY P	1
24A	612210	PIN CONTACT SIZE 16	20



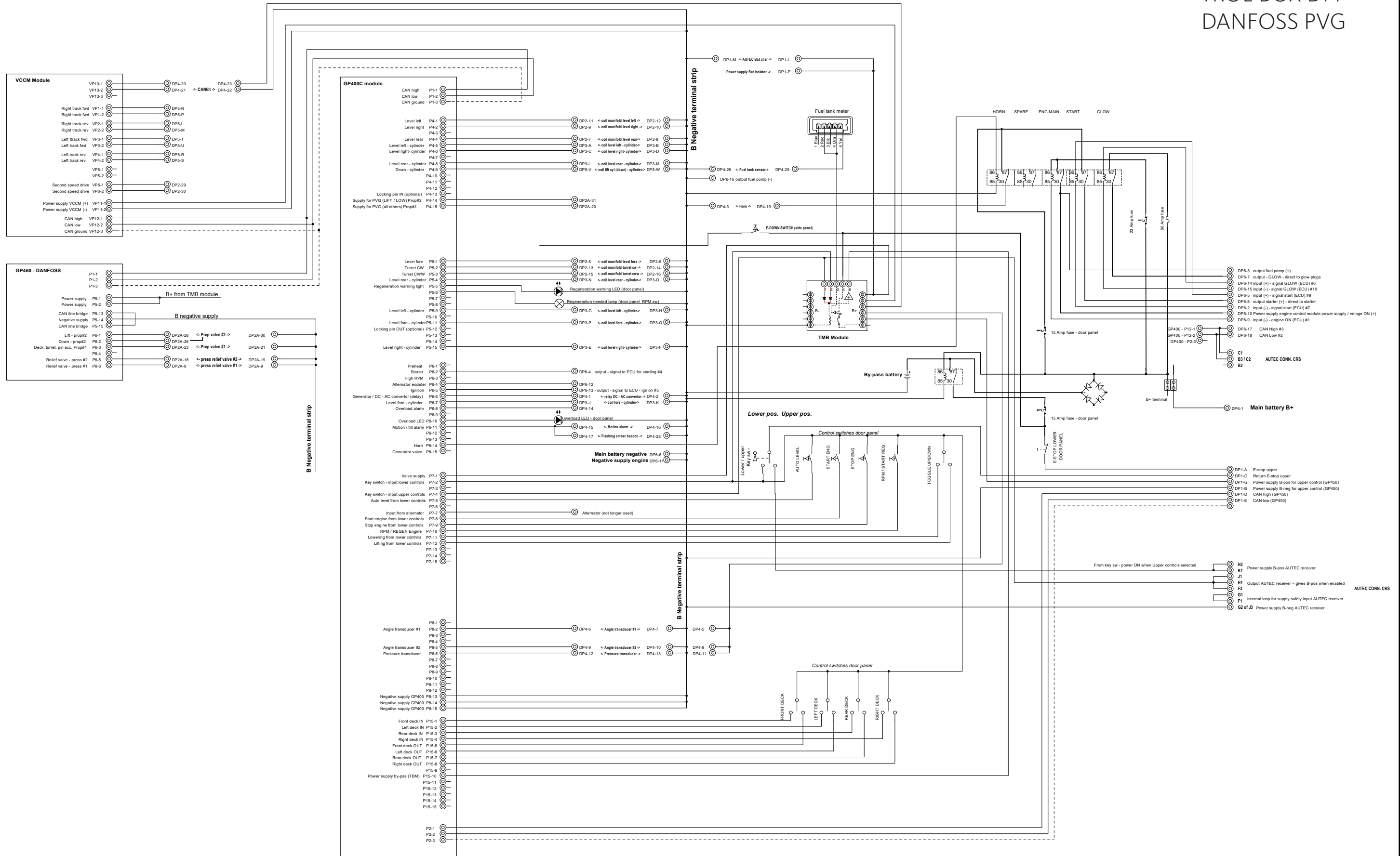
ITEM	PART NR	DESCRIPTION	QTY
1	194046	BOX ENCLOSER	1
2	144534	PLUG HOUSING 15WAY	6
3	144532	PLUG HOUSING 2 WAY	6
4	743202	PLUG HOUSING 3 WAY	7
6	120064	TOGGLE SWITCH 2 POS - SPRING RETURN	1
9	623218	PLUG HOUSING 4 WAY	2
10A	192812	RECEPTACLE HOUSING - PANEL	1
10B	194156	NUT SIZE 18	1
10C	194124	LOCK WASHER	1
10D	194290	CAP PLUG	1
10E	452423	SOCKET CONTACT	200
11	612330	CHARGER AUTEC	1
12	REF	AUTEC CRS RECEIVING UNIT	1
13	793423	PLUG HOUSING 12 WAY	1
14	233134	PLUG HOUSING 9 WAY	1

TOOLING

ITEM	PART NR	DESCRIPTION	QTY
A	116488	CRIMP HAND TOOL	1
B	684254	HEX DIE - FOR HAND TOOL (INSERTS)	1

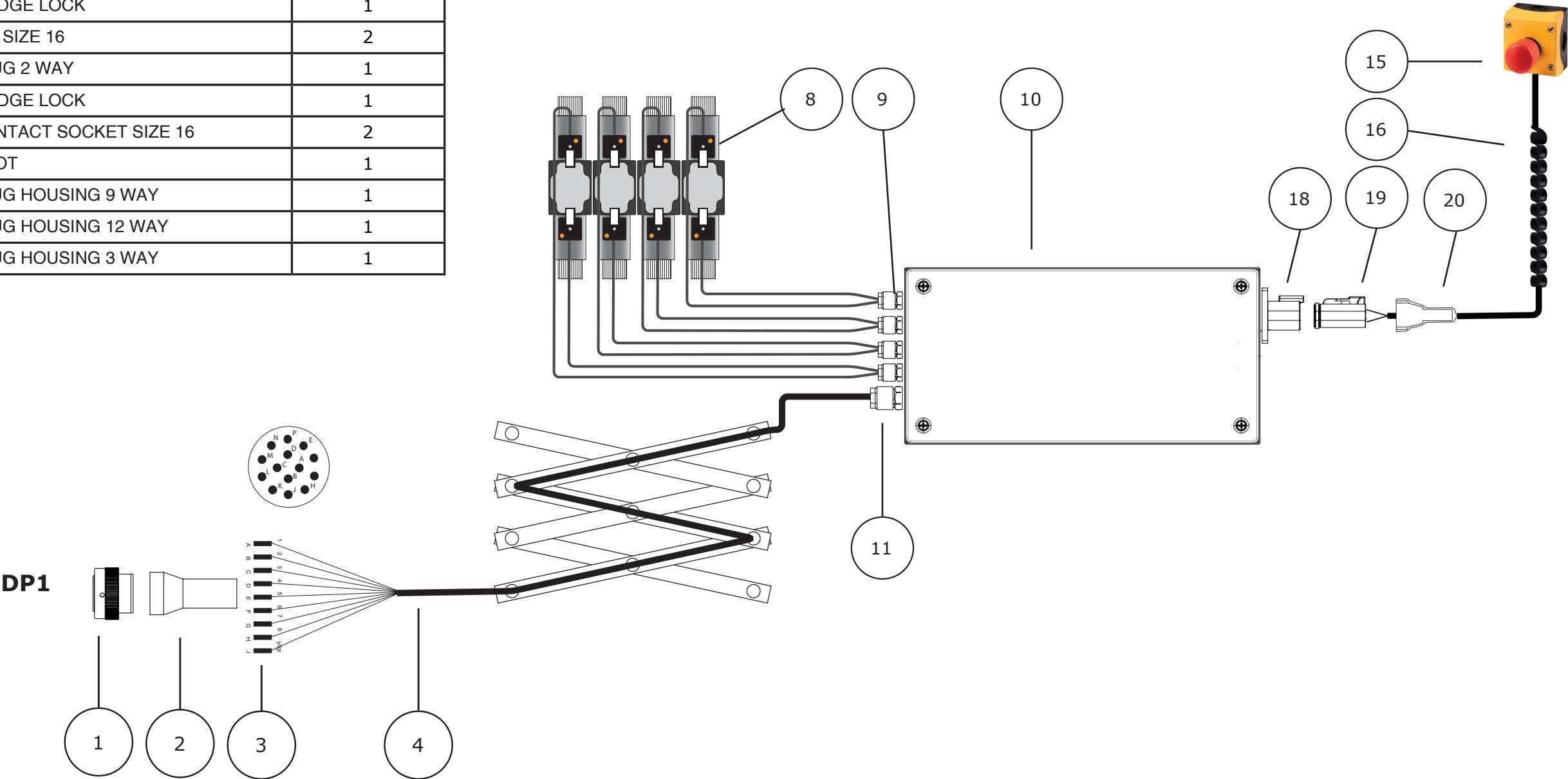


WIRING SCHEMATIC LOWER CON- TROL BOX DPF DANFOSS PVG



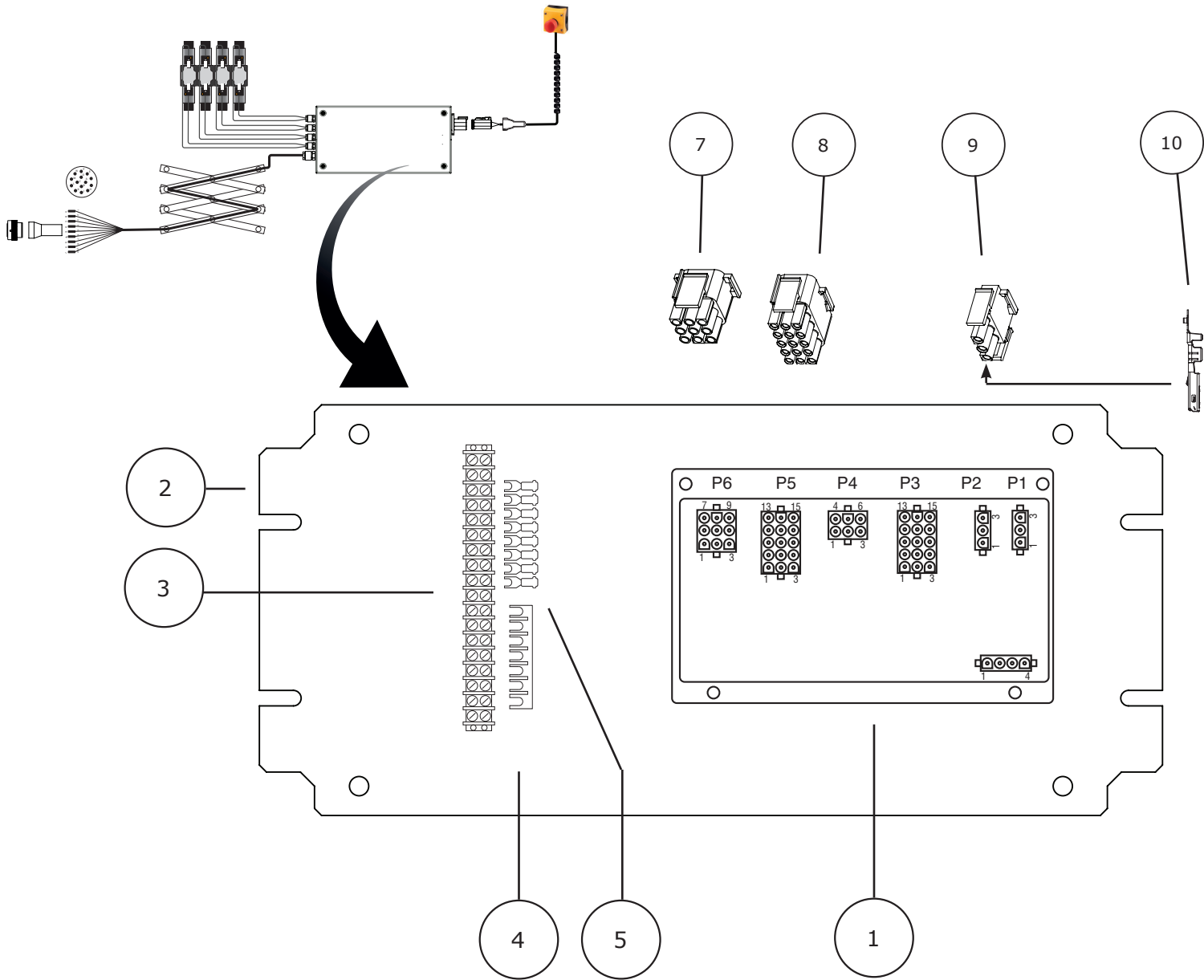
ITEM	PART NR	DESCRIPTION	QTY
1	194188	CONNECTOR PLUG 14WAY	1
2	194130	BOOT	1
3	612210	CONTACT SOCKET SIZE 16	9
4	194042	FLEX CABLE - 9CORE	26MTR
8	320428	VALVE PLUG WITH LED - 6 MTR	2 OR 4
9A	350020	CABLE ENTRY M20	2 OR 4
9B	350120	NUT FOR CABLE ENTRY M20	2 OR 4
10	494002	ENCLOSURE	1
11A	350025	CABLE ENTRY M25	1
11B	350125	NUT FOR CABLE ENTRY M25	1
15	610260	E-STOP ASSEMBLY	1
16	440298	SPIRAL CABLE	1
18A	468704	RECETACLE WITH FLANGE	1
18B	126908	WEDGE LOCK	1
18C	194118	PIN SIZE 16	2
19A	126904	PLUG 2 WAY	1
19B	126910	WEDGE LOCK	1
19C	612210	CONTACT SOCKET SIZE 16	2
20	614046	BOOT	1
24	233134	PLUG HOUSING 9 WAY	1
25	793423	PLUG HOUSING 12 WAY	1
26	743202	PLUG HOUSING 3 WAY	1

CONTROL MODULE UPPER

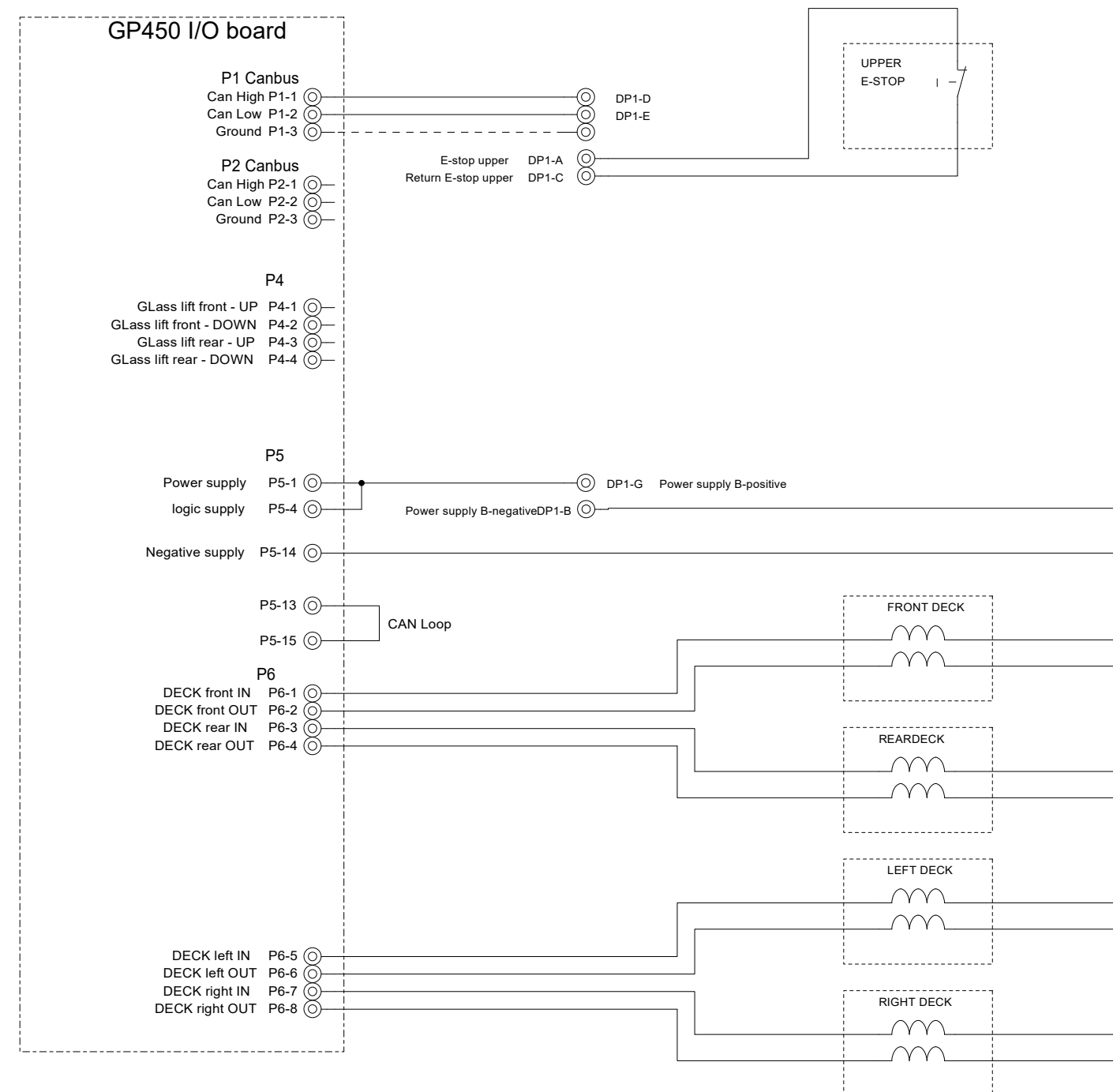


ITEM	PART NR	DESCRIPTION	QTY
1	192450	CONTROL MODULE	1
1	494004	BASE PLATE	1
3	415304	TERMINAL STRIP 18 WAY	1
4	614012	TERMINAL JUMPER	1
5	435696	TERMIINAL SPADE RED	18
7	233134	PLUG HOUSING 9 WAY	1
8	793423	PLUG HOUSING 12 WAY	1
9	743202	PLUG HOUSING 3 WAY	1
10	452423	SOCKET CONTACTS	20

CONTROL MODULE UPPER - INNER

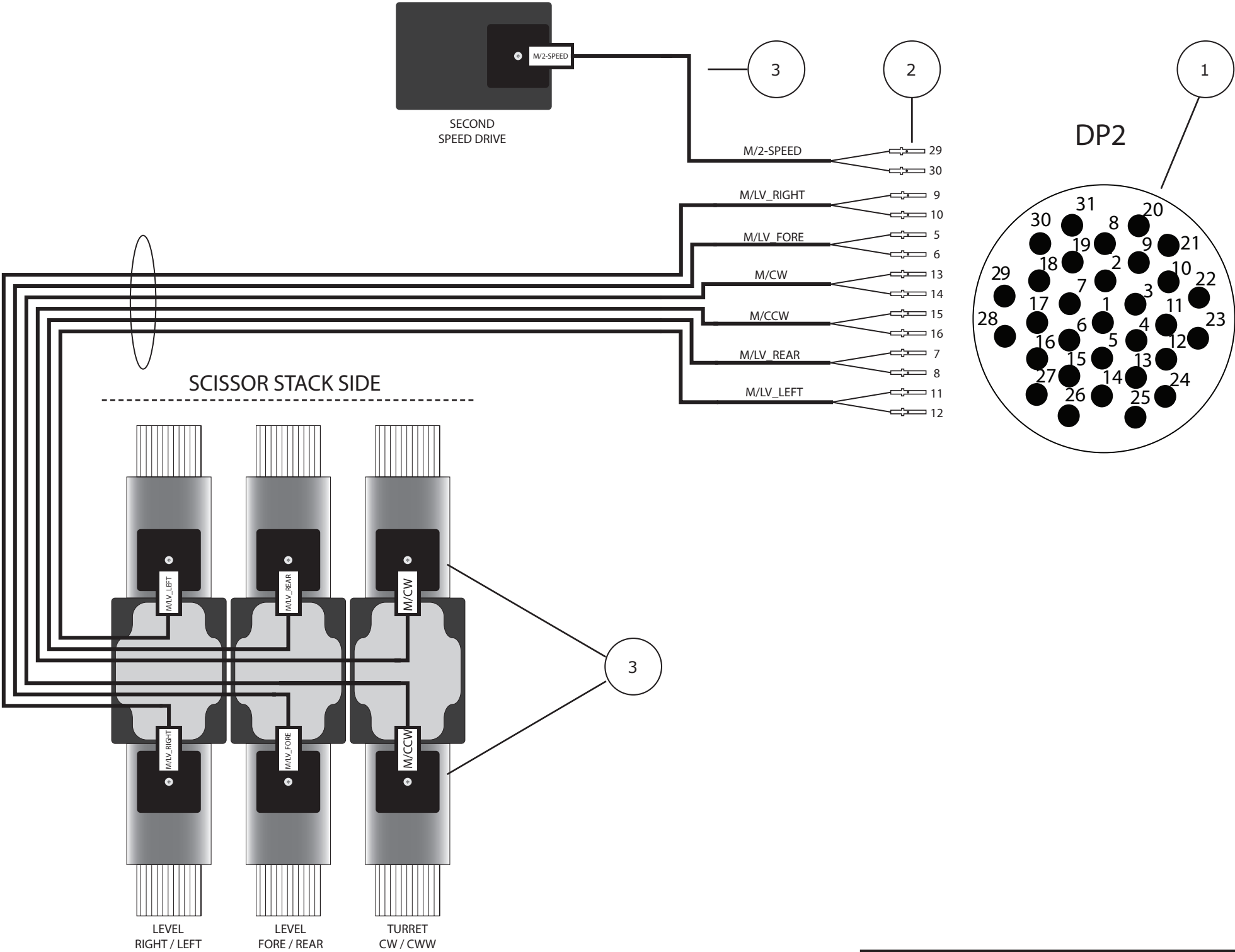


CONTROL MODULE UPPER - SCHEMATIC

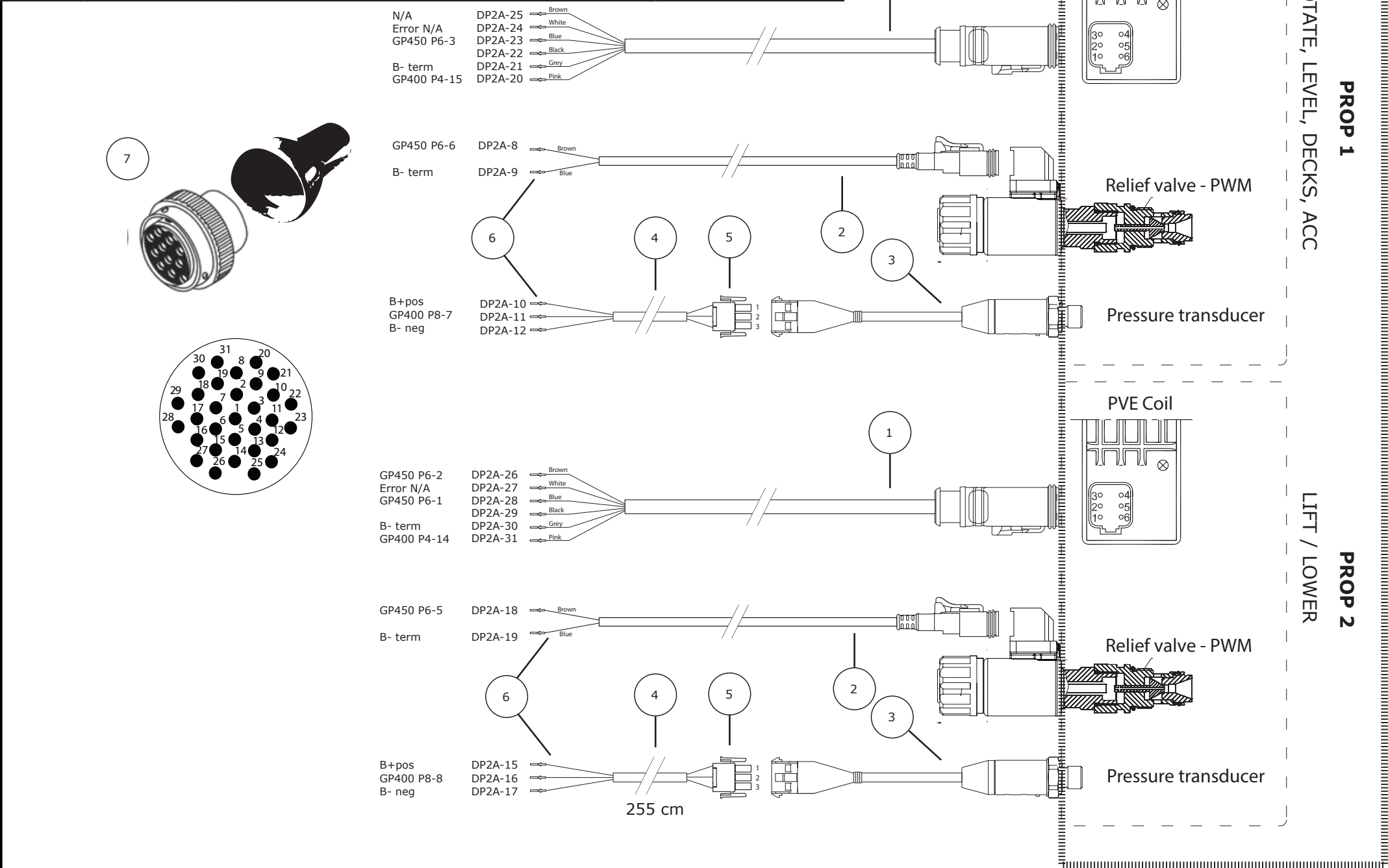


ITEM	PART NR	DESCRIPTION	QTY
1	118014	PLUG CONNECTOR 31 WAY	1
2	306714	SOCKET - SIZE 16 - 2 MMQ	14
3	320428	VALVE PLUG WITH LED -CABLE 3X1 MMQ - 6 MTR	7
5	320506	NAME PLATE FOR VALVE CONNECTOR	7
6A	320504	CABLE SLEEVE	7
6B	320508	NAME PLATE FOR CABLE SLEEVE	7

DP2 - HYDRAULIC MANIFOLD



ITEM	PART NR	DESCRIPTION	QTY
1	435782	CABLE ASSY WITH PLUG DT6-06S	2
2	435780	CABLE ASSEMBLY 3 MTR - WITH CONNECTOR DT06-2S	2
3	146031	PRESSURE TRANSDUCER	2
4		CABLE FLEX 3X1MMQ	2MTR
5	743202	PLUG HOUSING 3 WAY	2
6	194118	SOCKET CONTACT	6
7	244012	CONNECTOR 31 WAY	1
7A	612208	CABLE SLEEVE	1



PROP 1

PVE:
1 = PWM A NOT USED
2 = ERROR 10%-80% BAT VOL -> ALL FUNCTIONS
3 = PWM B
4 = N/A
5 = B NEGATIVE SWITCHED
6 = B POSITIVE

PRESSURE PWM CONTROL VALVE:
1 = 0 - 12VDC 0 V = 0 BAR / 12V = 250 BAR
2 = B NEGATIVE

PRESSURE TRANSDUCER:
1 = B POSITIVE 12V AT POWER UP
2 = 0,5 - 4,5V 0,5V = 0 BAR / 4,5 BAR = 250 BAR
3 = B NEGATIVE

PROP 2

PVE:
1 = PWM A 10%-80% BAT VOL -> LOWERING
2 = ERROR 10%-80% BAT VOL -> LIFTING
3 = PWM B
4 = N/A
5 = B NEGATIVE SWITCHED
6 = B POSITIVE

PRESSURE PWM CONTROL VALVE:
1 = 0 - 12VDC 0 V = 0 BAR / 12V = 250 BAR
2 = B NEGATIVE

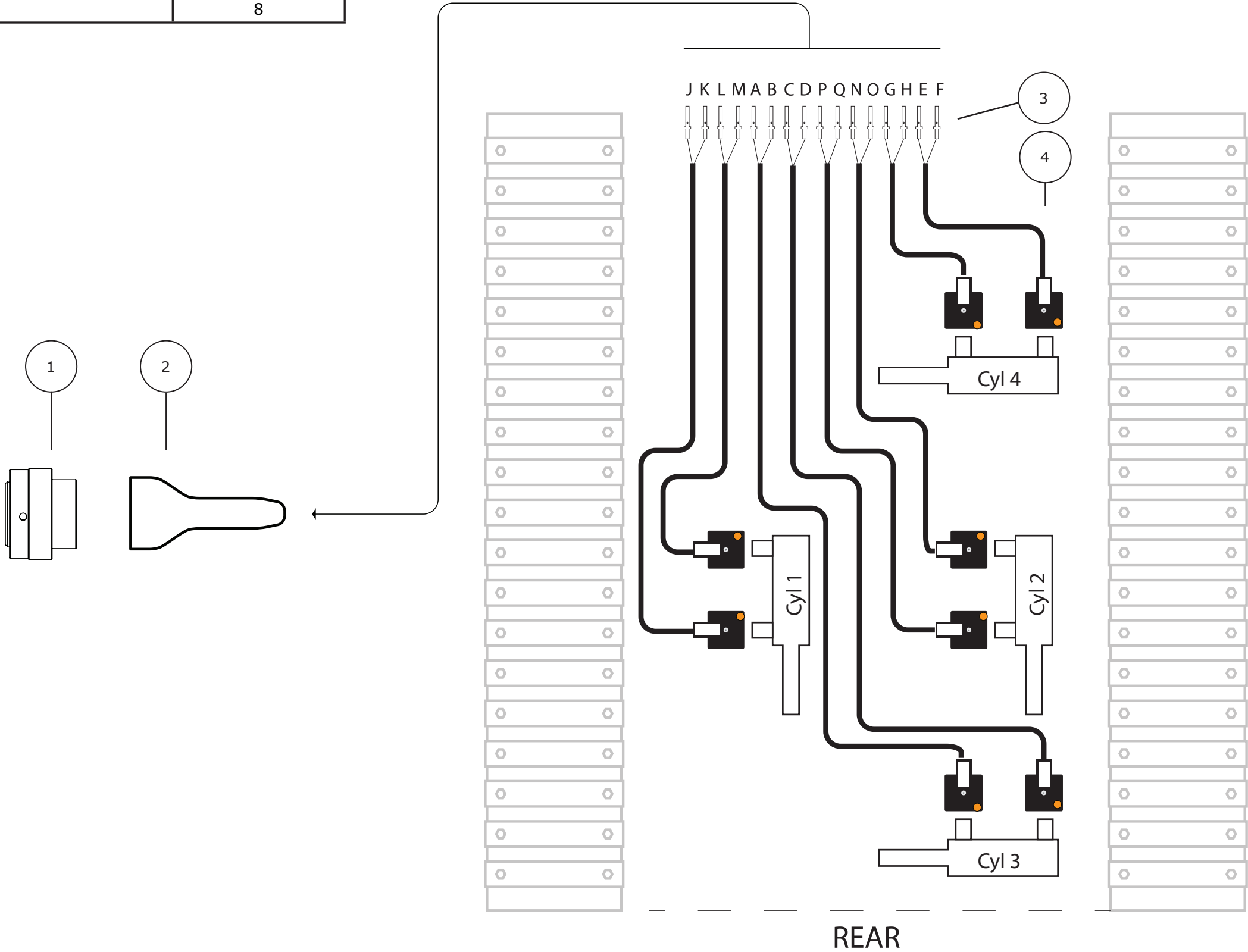
PRESSURE TRANSDUCER:
1 = B POSITIVE 12V AT POWER UP
2 = 0,5 - 4,5V 0,5V = 0 BAR / 4,5 BAR = 250 BAR
3 = B NEGATIVE

DT6-6S WIRE CONFIG:

Brown	1
White	2
Blue	3
Black	4
Grey	5
Pink	6

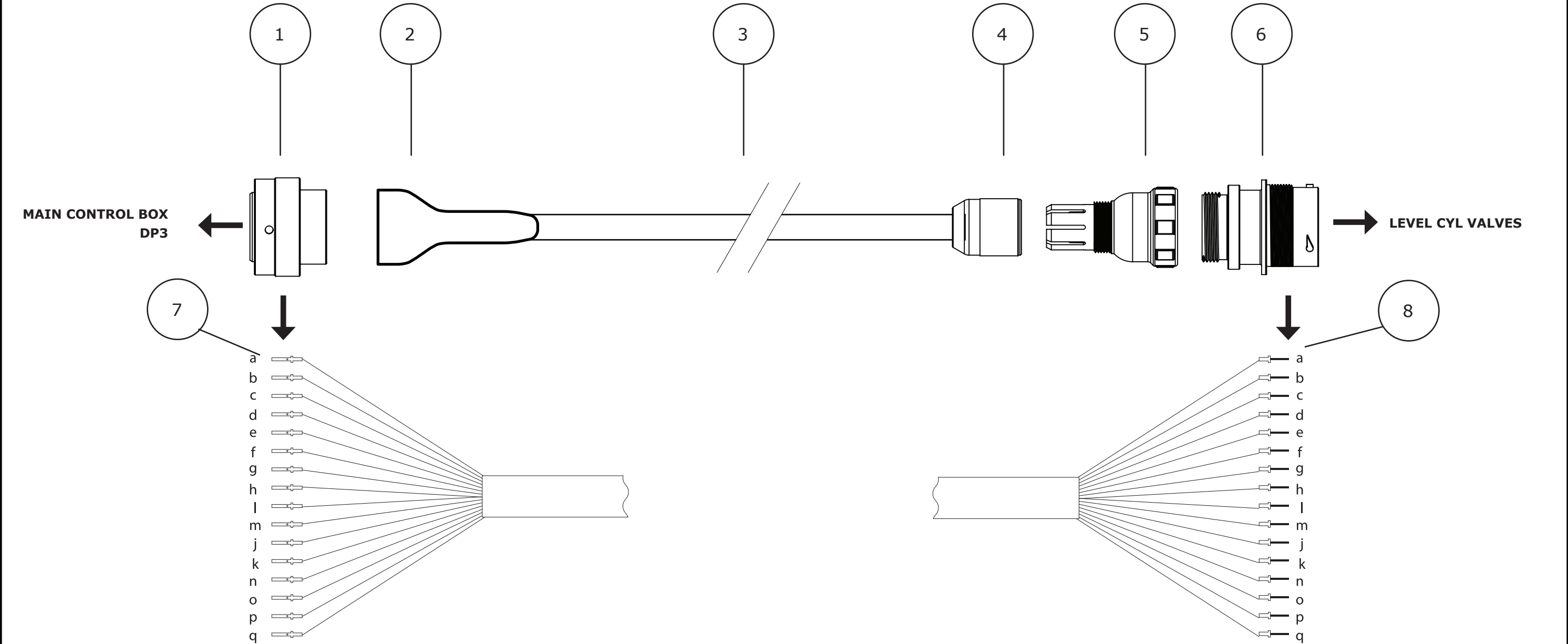
ITEM	PART NR	DESCRIPTION	QTY
1	468368	PLUG CONNECTOR 23 WAY	1
2	612208	BOOT	1
3	306714	SOCKET CONTACT SIZE 16	16
4	320428	VALVE PLUG WITH LED	8

CABLE ASSEMBLY -
- LEVEL CYL



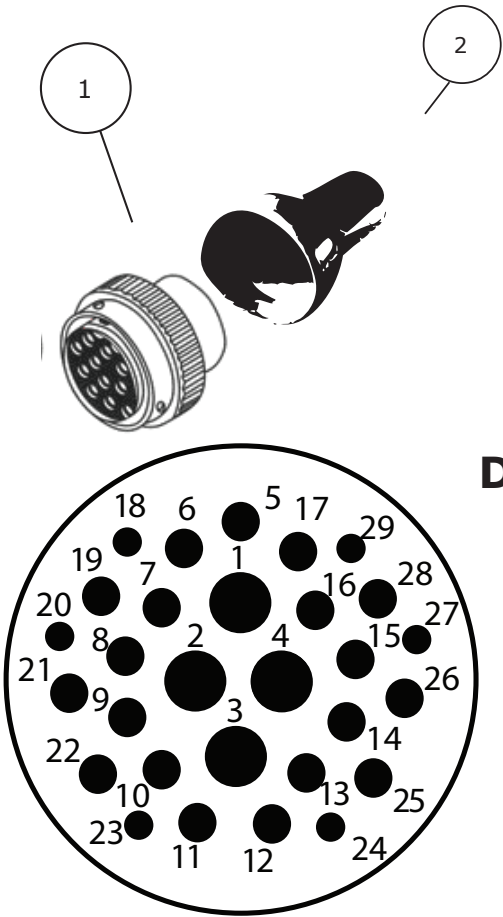
ITEM	PART NR	DESCRIPTION	QTY
1	468368	PLUG CONNECTOR 23 WAY	1
2	612208	BOOT	1
3	475710	CABLE FLEX 16 CORE	XXX MTR
4	446146	BACKSHELL COMPRESSOR	1
5	446144	BACKSHELL	1
6	446142	CONNECTOR 23WAY - INLINE	1
7	306714	SOCKET CONTACT SIZE 16	16
8	194118	PIN CONTACT SIZE 16	16

CABLE ASSEMBLY -
LOWER CONTROL BOX <-> LEVEL CYL

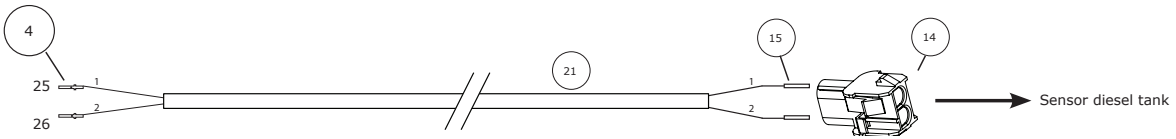
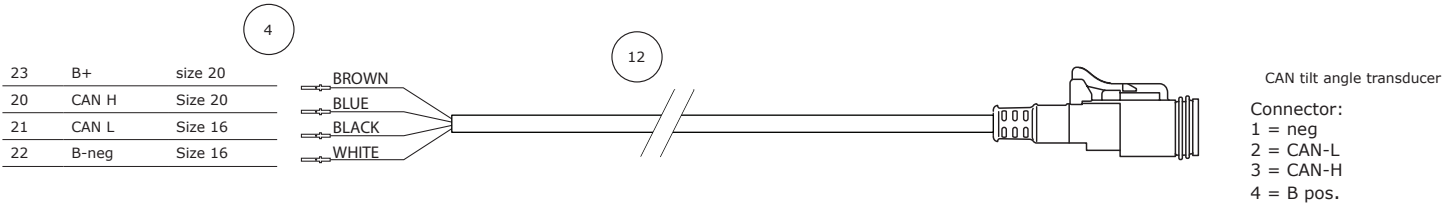
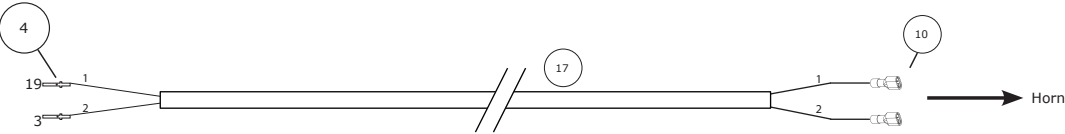
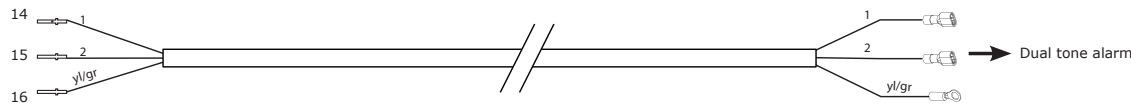
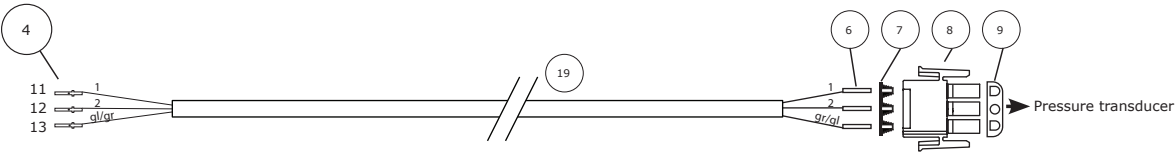
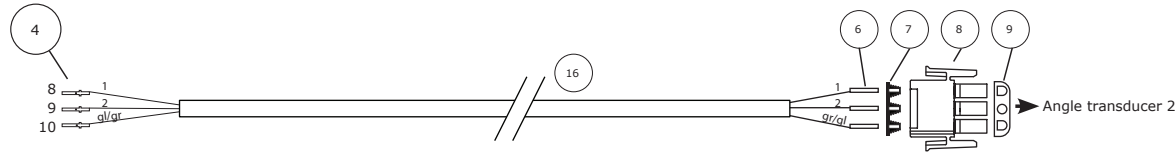
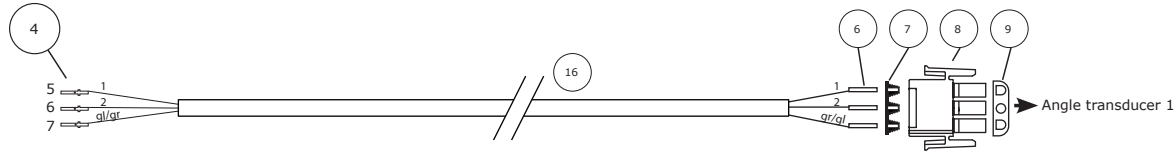


ITEM	PART NR	DESCRIPTION	QTY
1	612206	PLUG CONNECTOR 29 WAY	1
2	612208	BOOT FOR PLUG (OPTIONAL)	1
4	612210	SOCKET - SIZE 16 - 1 MMQ	8
5	126806	RING TERMINAL M5	3
6	452423	CRIMP SOCKET	9
7	126012	WIRE SEAL	2
8	743202	PLUG HOUSING 3 WAY	2
9	126014	INTERFACE SEAL	2
10	126800	FASTON TERMINAL	2
11	194004	PLUG HOUSING 2 WAY	2
12	435784	CABLE ASSEMBLY DT06-4S	1
13	126848	SOCKET SIZE 12	3
14	144532	PLUG HOUSING 2 WAY	1
15	452423	CRIMP SOCKET	2

DP4 - BASE COMPONENTS

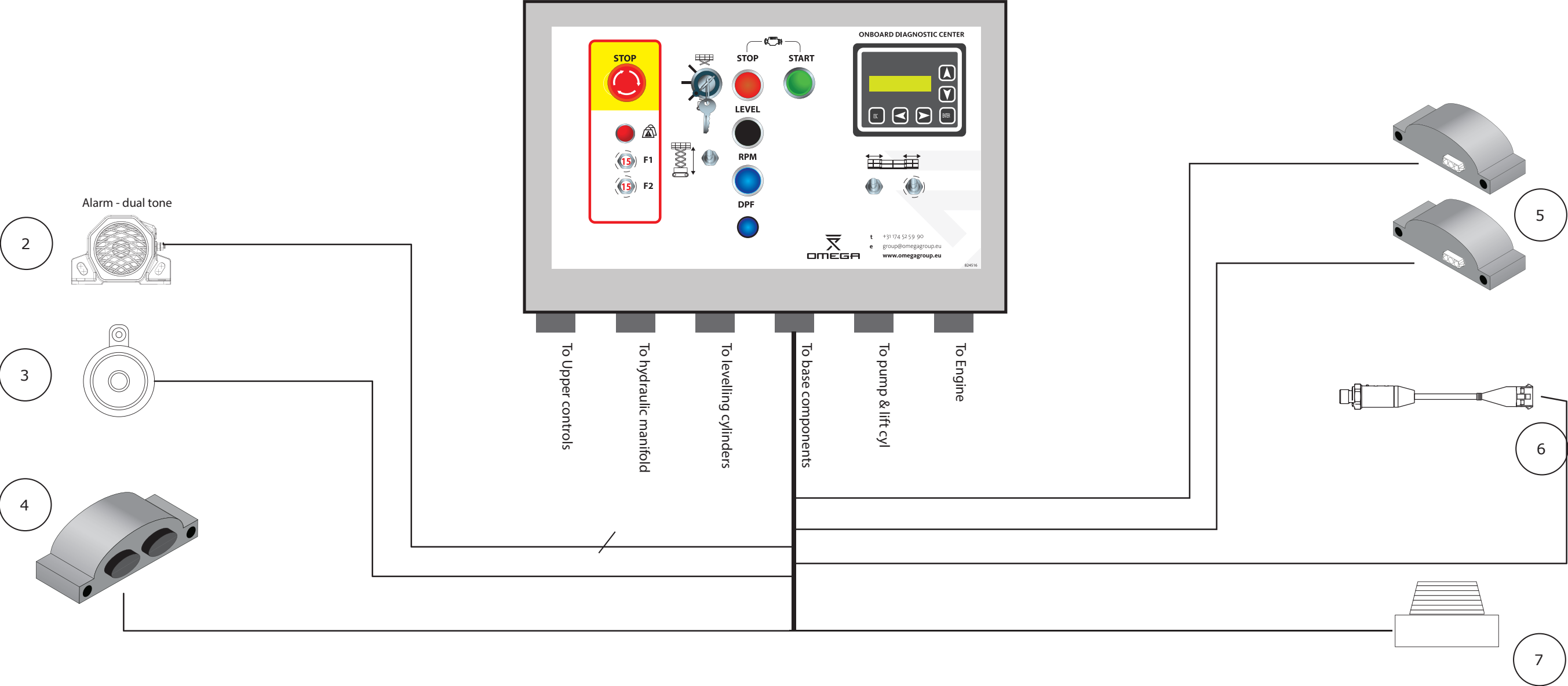


DP4



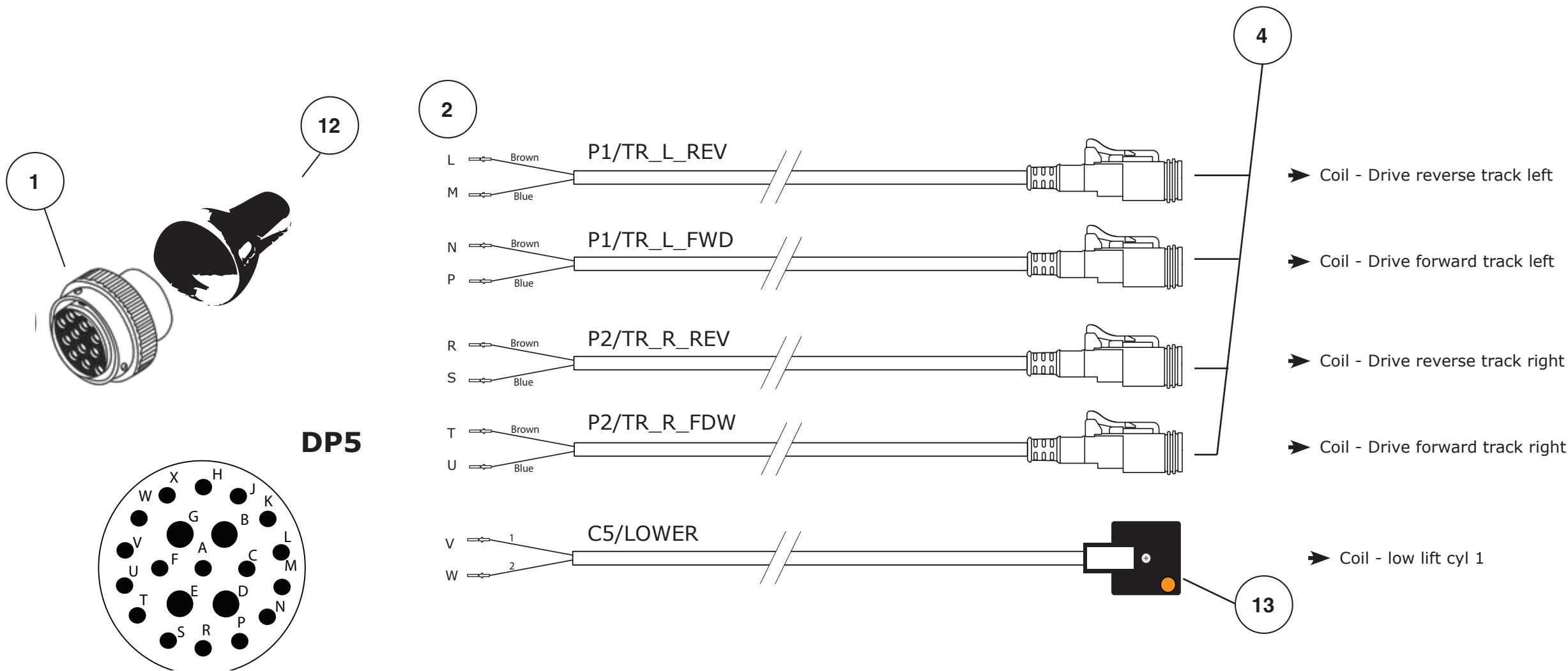
ITEM	PART NR	DESCRIPTION	QTY
2	120402	ALARM DUAL TONE	1
3	610178	HORN - 12 V	1
4	208116	CAN TILT	1
5	604665	ANGLE TRANSDUCER	2
6	146031	PRESSURE TRANSDUCER	1
7	174198	FLASHING AMBER BEACON	2

COMPONENT OVERVIEW



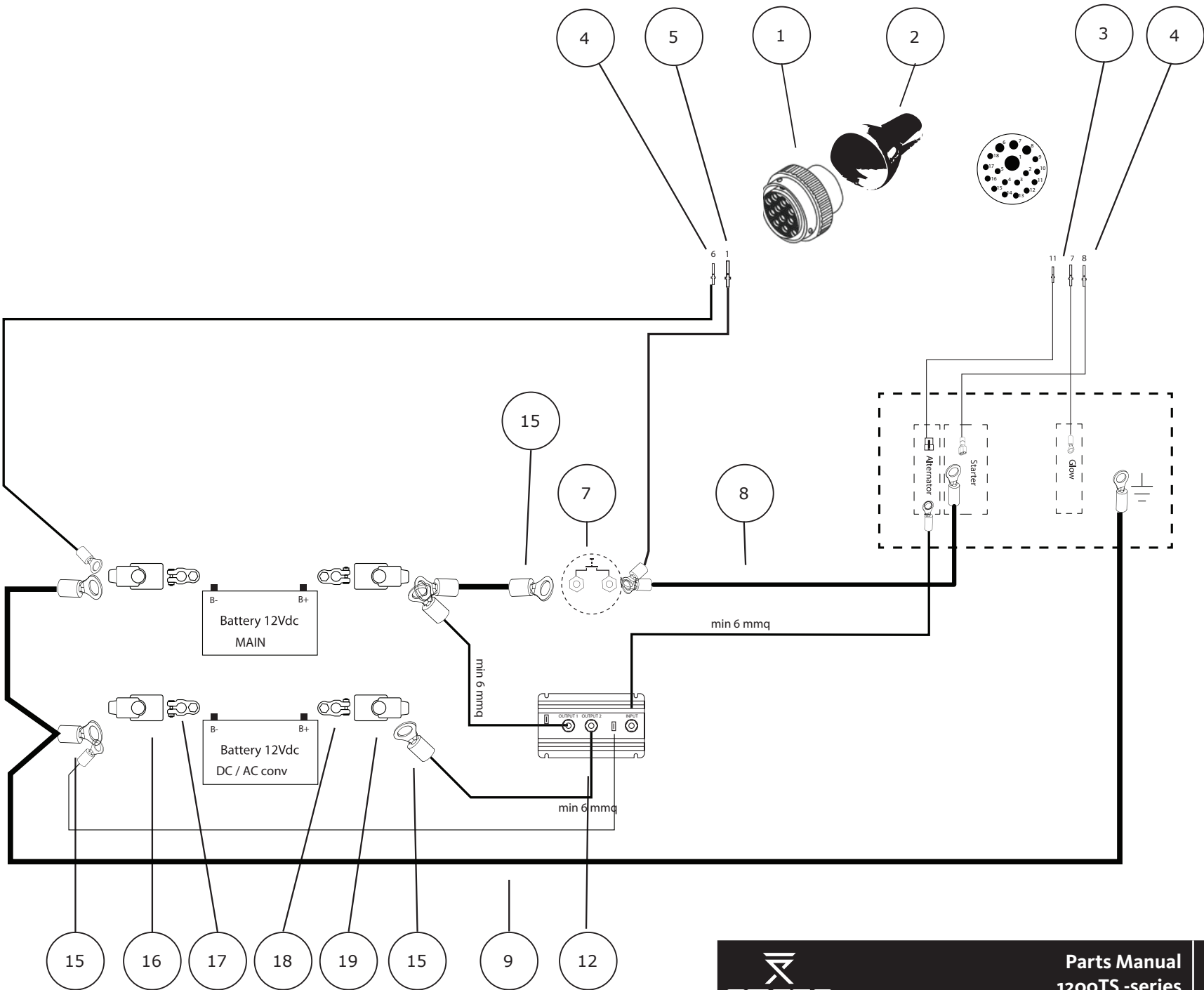
ITEM	PART NR	DESCRIPTION	QTY
1	460144	PLUG CONNECTOR 21 WAY	1
2	306714	SOCKET - SIZE 16 - 2 MMQ	11
4	435780	CABLE ASSEMBLY 3 MTR - W/ CON DT06-2S	4
12	612208	CABLE SLEEVE	1
13	320428	VALVE PLUG WITH LED -CABLE 3X1 MMQ - 6 MTR	1

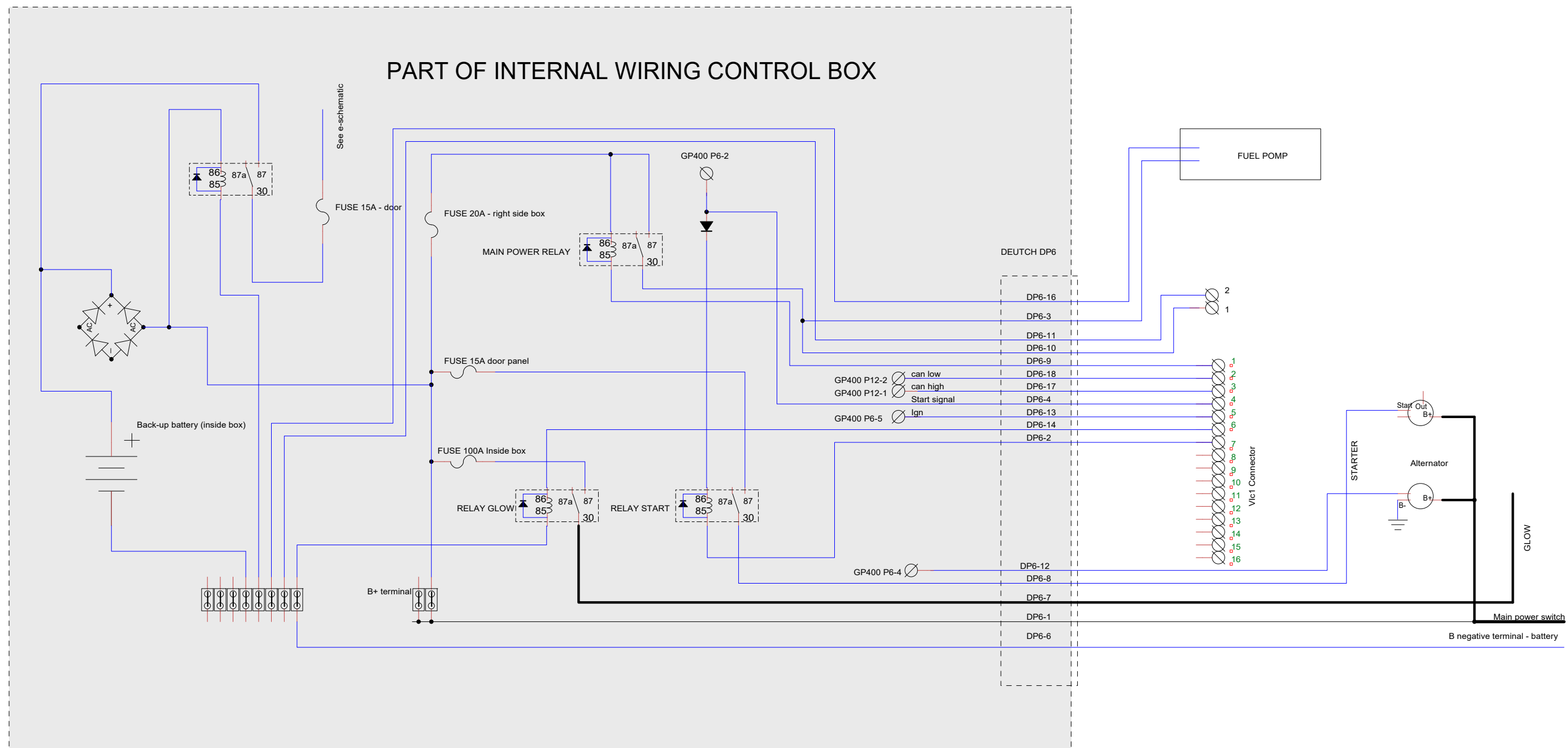
DP5 - DRIVE PUMP // LOWER VALVE CYL



ITEM	PART NR	DESCRIPTION	QTY
1	215016	CONNECTOR, PLUG 18 POLE	1
2	612208	BOOT FOR PLUG	1
3	306714	SOCKET - SIZE 16 - 2 MMQ	13
4	126848	SOCKET - SIZE 12 - 3 MMQ	3
5	194132	SOCKET - SIZE 8 - 5 MMQ	1
7	612236	MAIN POWER SWITCH (BAT DISCONNECT)	1
8	215022	BATTERY CABLE RED - 50MMQ	10M
9	114904	BATTERY CABLE BLACK - 50MMQ	10M
10	124474	BATTERY 12 V -95AH	2
12	624414	MULTI-BATTERY ISOLATOR	1
15	124570	CABLE SHOE 50 MMQ - M10	14
16	516338	BATTERY TERM COVER BLACK	2
17	124468	BATTERY CLAMP NEG	2
18	124470	BATTERY CLAMP POSITIVE	2
19	516340	BATTERY TERM COVER RED	2

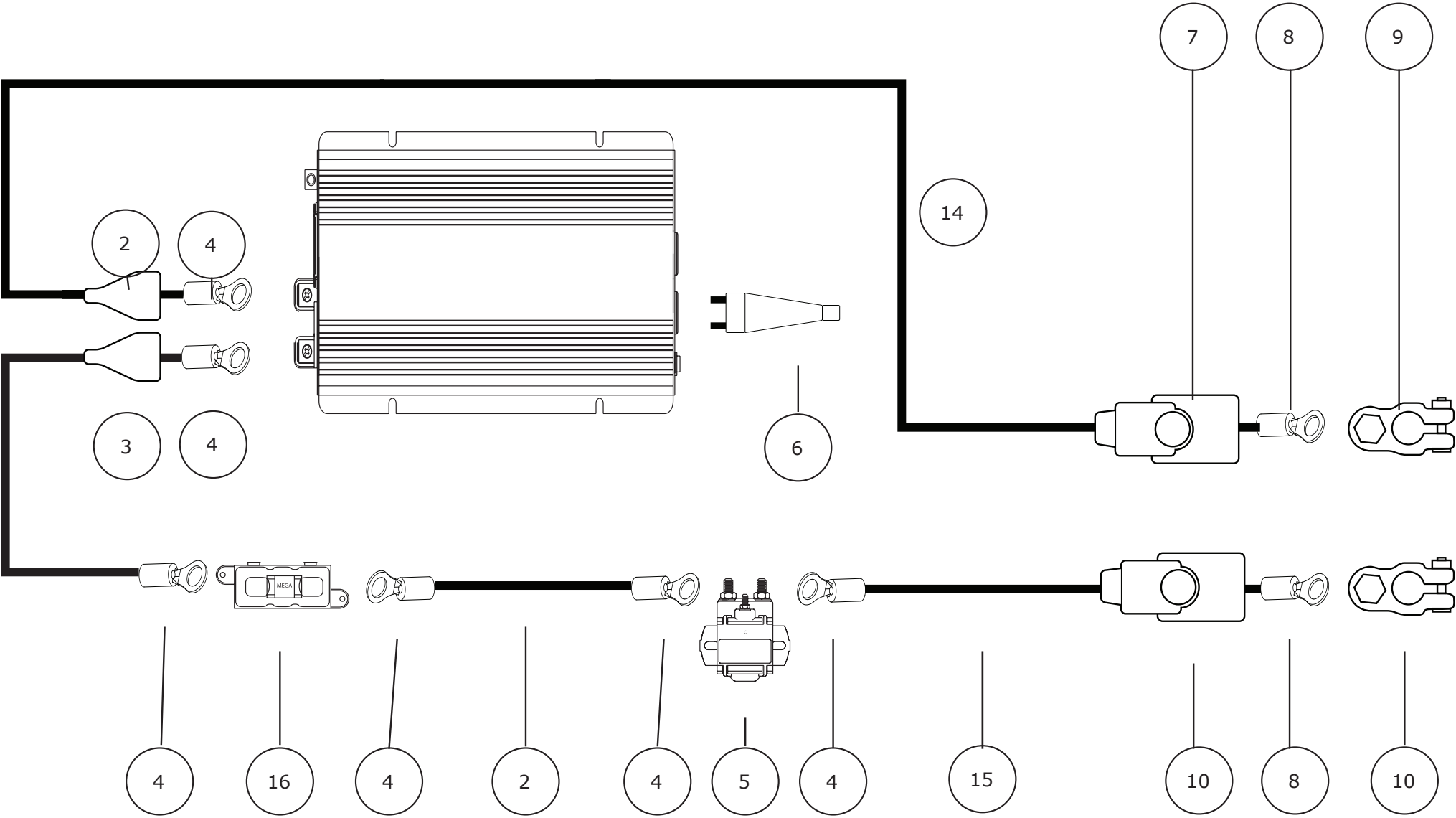
DP6 ENGINE - ISOLATOR - BATTERIES





ITEM	PART NR	DESCRIPTION	QTY
2	130374	BATTERY TERM COVER BLACK	1
3	130412	BATTERY TERM COVER RED	1
4	124568	CABLE SHOE 50 MMQ - M8	8
5	470102	LINE CONTACTOR 12V	1
6	134128	AC PLUG	1
7	516338	BATTERY TERM COVER BLACK	1
8	124570	CABLE SHOE 50 MMQ - M10	2
9	124468	BATTERY CLAMP NEG	1
10	516340	BATTERY TERM COVER RED	1
11	124470	BATTERY CLAMP POS	1
14	114904	BATTERY CABLE BLACK	10 MTR
15	215022	BATTERY CABLE RED	10 MTR
16		FUSE HOLDER	1
16A		FUSE	1

DC -> AC INVERTOR



ITEM	PART NR	DESCRIPTION	QTY
1	127130	DUAL AC OUTLET - VERTICAL	4
2	127128	DUAL AC OUTLET - HORIZONTAL	1
3	632130	AC DISTRIBUTOR - T-FROM - 3WAY	1
4	623238	CABLE REEL - 8 MTR CABLE - 3X 1,5MMQ	2
5	632122	AC DISTRIBUTOR - H-FORM - 4WAY	1
6	192252	FLEX CABLE - 3X2,5MMQ	25M
7	134128	AC PLUG MALE	1

