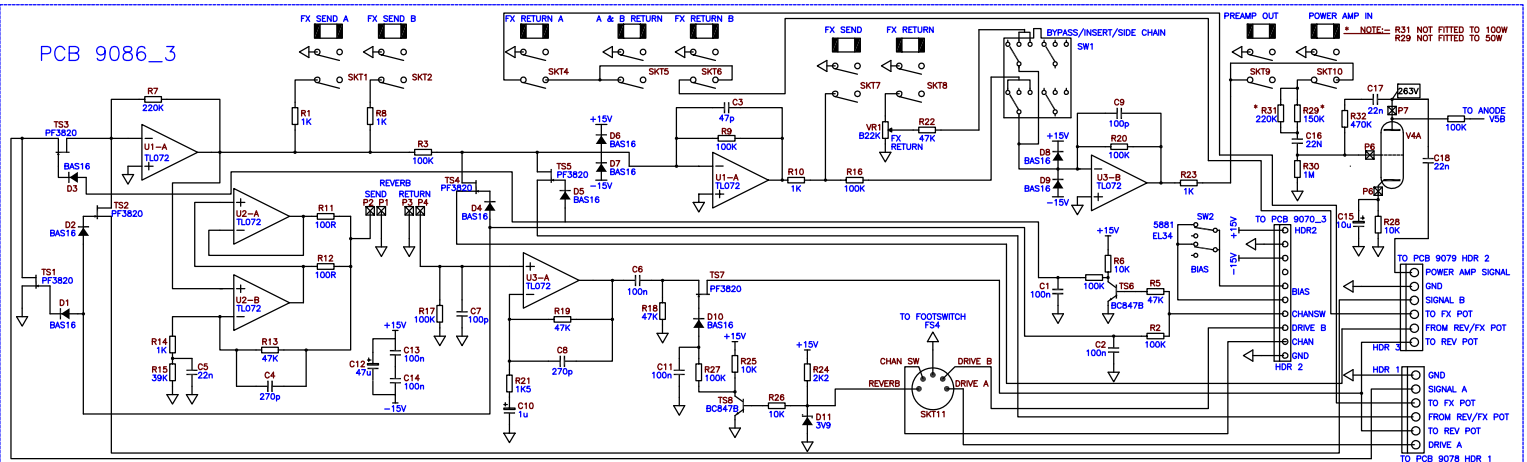
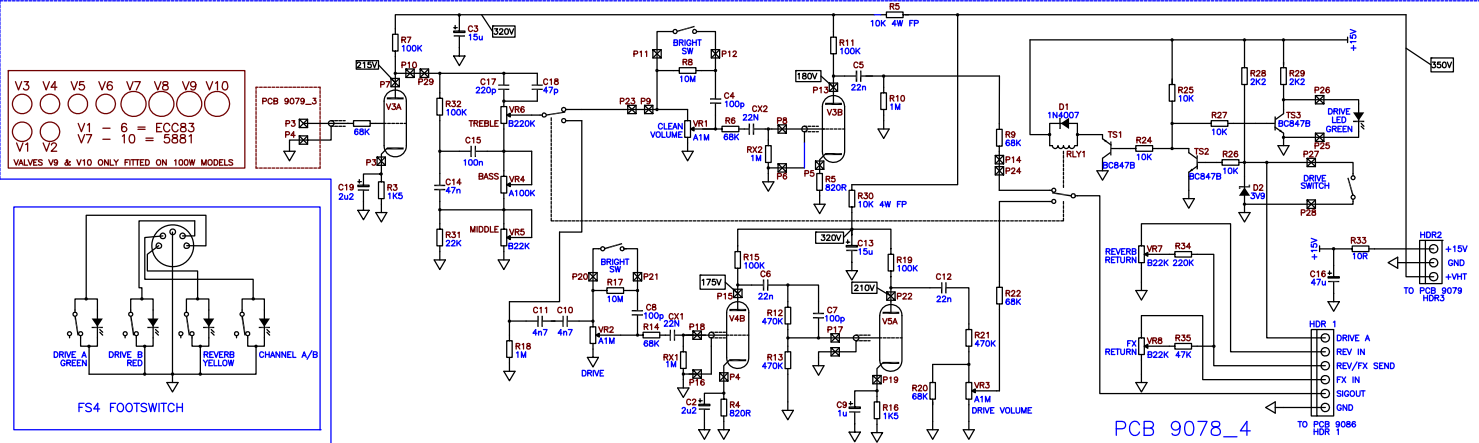
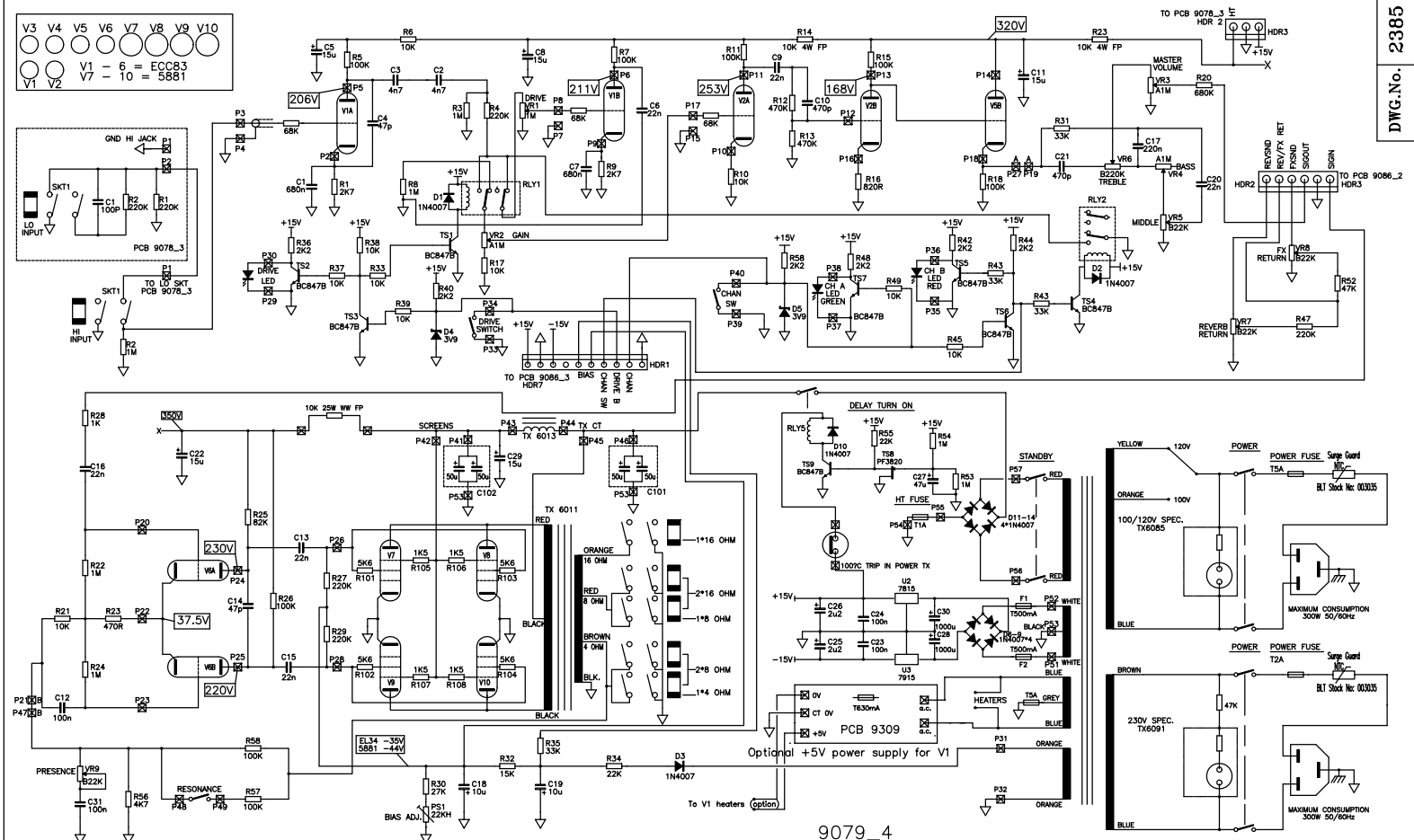


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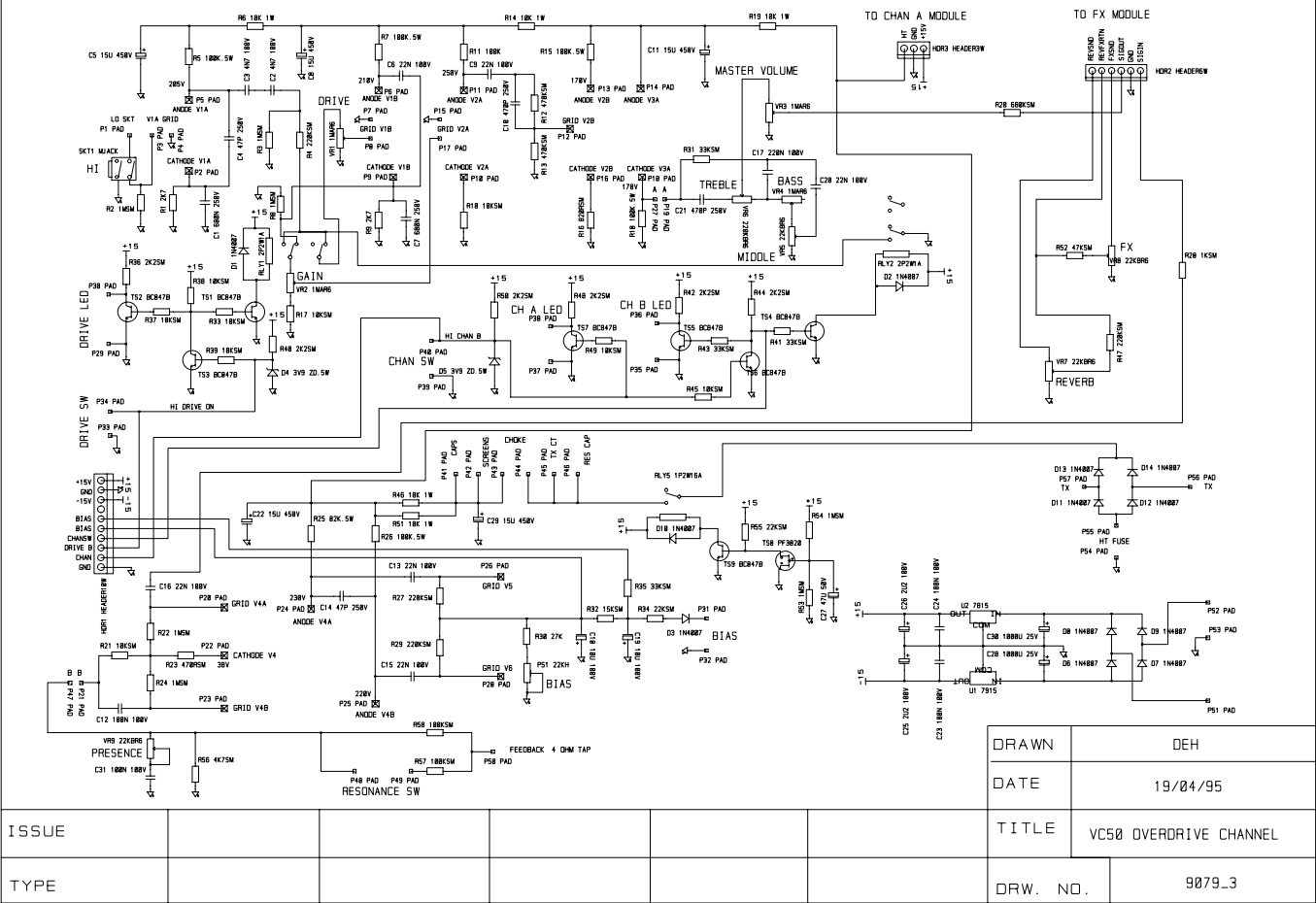
Service Diagrams



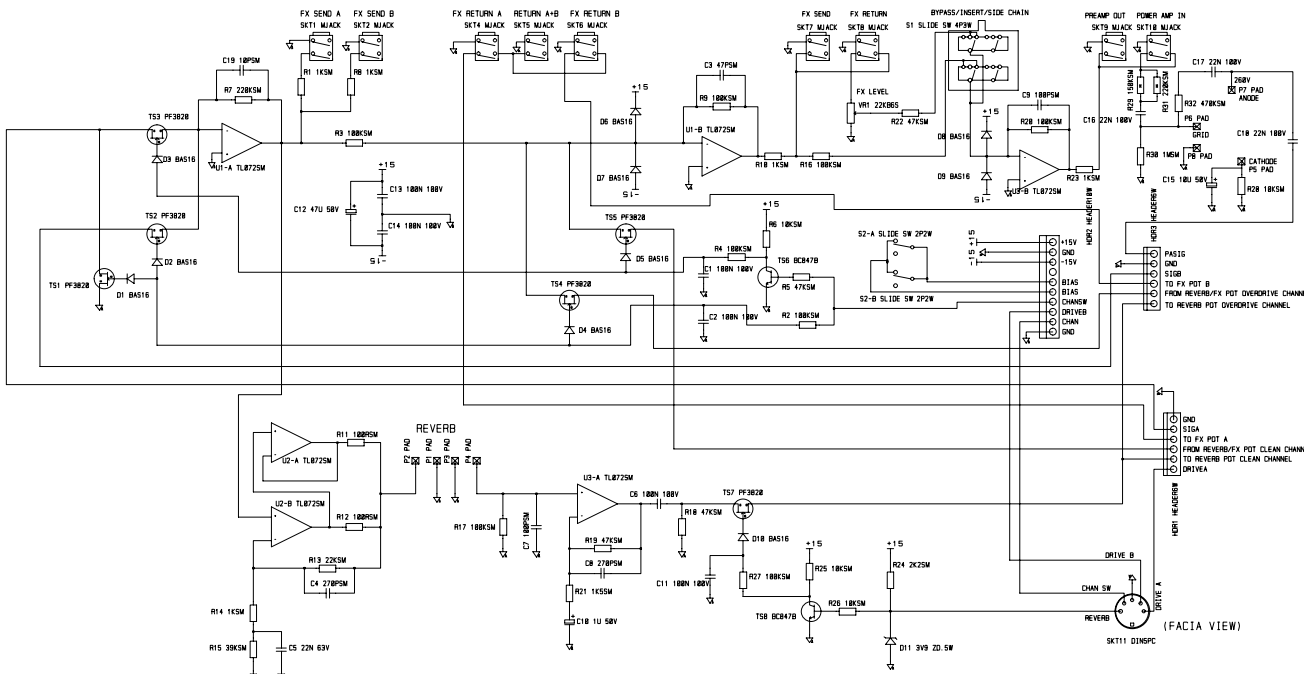
ISSUE	DESCRIPTION	APPD.	DATE	TITLE	DRAWN	TRACED	CHECKED	APPROVED	DATE
4	CHANGE R5 & 30 FROM 10K 1W TO 10K 4W FP	S.L.	14/5/95	LANEY VC50/VC100/VH100R CLEAN & FX CIRCUIT PART No	S.L.				14/5/95
4	Added CX1, CX2, RX1, RX2. See CN0343	R.S.T	21/04/04		DRAWING No.			2386	



ISSUE	DESCRIPTION	APPD.	DATE	TITLE	DRAWN	TRACED	CHECKED	APPROVED	DATE
4	CHANGE R46 & R41 FROM 2 OFF 22K TO A SINGLE 10K 25W FIRE PROOF CHANGE R14 & 23 FROM 10K 1W TO 10K 4W FIRE PROOF ADD 1000C TRIP TO POWER TX ADD F1 62 AS 1000mA ADD 2CHASSIS MOUNT FUSE CARRIERS WITH TSA TO HEATER WINDINGS CHANGE POWER TX FROM 6086 TO 6091 230V Option added for required +5V supply for V1 ,dependent on valve type	S.L.	14/9/95	VH100R OVERDRIVE & OUTPUT DIAGRAM PART No	S.L.				26/4/95
5	SG64 Surge Guard added to primary of mains transformer.	R.J.F	5/10/98		DRAWING No.			2385	
6		RT	21/11/01						

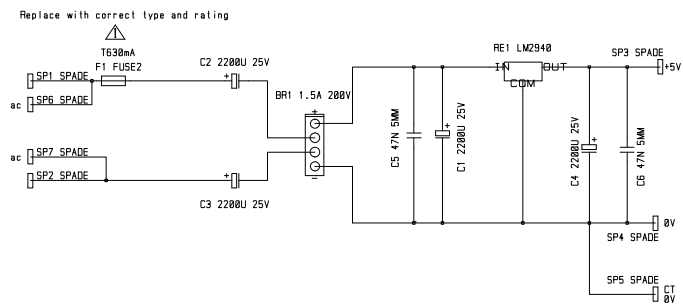


* Note R5B not fitted on 5BW models
R5I not fitted on 1BBW models



DRAWN	DEH
DATE	25/07/95
TITLE	4 CHANNEL VALVE AMP FX MODULE
DRW. NO.	9086_4

ISSUE	C19 ADDED 19/04/95 R13 47K TO 22K 19/04/95				
TYPE					



DRAWN	R. J. F	
DATE	23/09/98	
TITLE	Heater PSU PCB	
DRG. NO.	PCB 9309	

Product	Description	Quantity
VH100RE	VH100R	
-007348	VH100R	1.0000
-001205	68K .5W 1% RESISTOR	4.0000
-001207	100K .5W 1% RESISTOR	1.0000
-001225	5K6 .5W 1% RESISTOR	4.0000
-001721	10K 25W ALUMINIUM	1.0000
-002023	4n7 2000V CERAMIC DISC CAPACITOR	
-002032	100UF 500V (2010)	
-002204	680NF 250V 22.9mm	
-002804	4N7 1000V CERAMIC	
-003009A		
-003031	SURGE GUARD SCK20-10-8A	
-005501		
-005502	1 1/4" FUSE CARRIER	
-005508	TWIN RCA PHONO LEAD	
-005510		
-005511		
-005512		
-005526		
-005530		
-005531		
-005536		
-005540		
-005541		
-005543		
-005545	OCTAL VALVE BASE S8C MAGIC/RS/SPACE	
-005546		
-005548	ECC83 VALVE STANDARD	
-005549	EL34 RETENTION CLAMP	
-005558		
-005560		
-005567		
-005568		
-005570	ECC83 VALVE HIGHGRADE SPECIAL	
-005589		
-005618		
-005625	KNOB P670-90F SPLINE	
-005628	SMALL CHICKEN HEAD KNOB	
-005630	No 6 HEX SPACER 15.88MM RICI	3.0000
-005685	25mm PLASTIC CLAMP	2.0000
-006011	100W AOR OUTPUT TRANSFORMER	1.0000
-006013	AOR CHOKE	1.0000
-008625	VC50/VH100R CLEAN C	1.0000
-001027	10R .25W RESISTOR	1.0000
-001048	10M .25W RESISTOR	2.0000
-001207	100K .5W 1% RESISTOR	4.0000
-001304	820R 5% RESISTOR	2.0000
-001305	2K2 5% RESISTOR	2.0000
-001306	10K 5% RESISTOR	4.0000
-001308	68K 5% RESISTOR SMD1206	3.0000
-001309	1M 5% RESISTOR	2.0000
-001310	100K 5% RESISTOR	1.0000
-001315	47K 5% RESISTOR	1.0000
-001316	22K 5% RESISTOR	1.0000
-001330	220K 5% RESISTOR	3.0000
-001333	680K 5% RESISTOR	2.0000
-001335	1K5 5% RESISTOR	2.0000
-001336	470K 5% RESISTOR CROSTER/RAPID	
-001714	10K 5W CEMENT RESISTOR	
-001920	ZERO OHM RESISTOR	
-002002		
-002004		
-002024		
-002025		
-002400		
-002401		
-002403		
-002417		
-002603	100PF 50V 10% COG STERLING/TREMIVER	4.0000
-002818	47PF 500V CERAMIC	1.0000
-002828	220PF 1000V CERAMIC	1.0000
-003000	1N4007 DIODE	1.0000
-003007	3V9 .5W ZENER DIODE TRANSONICS	
-003012		
-003503	BC847B TRANSISTOR	
-004074		
-004096		
-004097		
-004098		
-005009	SINGLE TERMINAL PIN	
-005014	TO220 WASHER(SILICONE)	
-005036	6 WAY LOCKING HEADER	
-005061	6mm PLASTIC SPLINE	
-005063	3 WAY LOCKING HEADER RAPID	
-005096	MONO JACK SOCKET-GOLD	
-005605		
-009078	VC50 CLEAN CHANNEL	
-009160		
-009161	4mm INT. SHAKEPROOF	
-009163		
-009970		
-008627	VC50/VH100R FX LOOP	
-001300	ORO SHORTING LINK	
-001303		
-001305		
-001306		
-001309		
-001310		
-001315		

Product	Description	Quantity
-001316	22K 5% RESISTOR	1.0000
-001317	39K 5% RESISTOR	1.0000
-001327	1K 5% RESISTOR	5.0000
-001330	220K 5% RESISTOR	2.0000
-001334	150K 5% RESISTOR	1.0000
-001335	1K5 5% RESISTOR	1.0000
-001336	470K 5% RESISTOR	CROSTER/RAPID
-001920	ZERO OHM RESISTOR	
-002004		
-002013	10UF 50V CAPACITOR	
-002025		
-002400		
-002401		
-002420		
-002601		
-002602		
-002603	100PF 50V 10% COG	STERLING/TREMIVER
-002604	270PF 50V 10% COG	
-003007	3V9 .5W ZENER DIODE	TRANSONICS
-003500		
-003503	BC847B TRANSISTOR	
-003506	TMPP3820 TRANSISTOR	
-003508	34072 IC (SMD TL072)	
-004061		
-005002		
-005016	6 WAY LOCKING HEADER	
-005036	10 WAY HEADER NON LOCKING	
-005053	MONO JACK SOCKET-GOLD	
-005096	2 POLE 2 WAY (MX)	
-005610	VC50/VH100R FX LOOP	
-009086		
-009970	4P 3W SLIDE SWITCH	
-530023		
-008629		
-001008	100K .25W RESISTOR	
-001033	27K .25W RESISTOR	
-001047	2K7 .25W RESISTOR	
-001206		
-001207	100K .5W 1% RESISTOR	
-001230		
-001300	ORO SHORTING LINK	
-001304		
-001305		
-001306		
-001309		
-001310		
-001311		
-001312		
-001315		
-001316		
-001319		
-001327		
-001330		
-001331		
-001333		
-001336	470K 5% RESISTOR	CROSTER/RAPID
-001400		
-001401		
-001714	10K 5W CEMENT RESISTOR	
-001920	ZERO OHM RESISTOR	
-002000		
-002002		
-002004		
-002009	1000UF 25V RADIAL	
-002024		
-002200	680NF 250V 22.9mm	
-002204		
-002400		
-002401		
-002417		
-002814	470PF 250V CERAMIC	
-002818	47PF 500V CERAMIC	
-003000		
-003007	3V9 .5W ZENER DIODE	TRANSONICS
-003009		
-003012		
-003503	BC847B TRANSISTOR	
-003506	TMPP3820 TRANSISTOR	
-003901	7815 IC VOLT'REGULATOR	
-003902	7915 IC VOLT'REGULATOR	
-004020		
-004096		
-004097		
-004098		
-005002		
-005008	TV125 FLAT HEATSINK	
-005009	SINGLE TERMINAL PIN	
-005036	6 WAY LOCKING HEADER	
-005053	10 WAY HEADER NON LOCKING	
-005063	3 WAY LOCKING HEADER	RAPID
-005605		
-005608	VC50 OVERDRIVE PCB	
-009079		
-009970		
-008713	SOCKET ASSY (VALVE)	
-10004		
-008744		
-009199	3 WAY IDC CONNECTOR	
-008745	10 WAY VC/VH LOOM	
-009203	10 WAY END CONNECTOR	
-008746	6 WAY SHORT RIBBON	

Product	Description	Quantity
-005578	6 WAY IDC CABLE 0.01	0.5000
-009190	6 WAY END CONNECTOR	2.0000
-008747	6 WAY LONG RIBBON	1.0000
-009190	6 WAY END CONNECTOR	2.0000
-009150	3mm HEX NUT ZINC ONLY	2.0000
-009151	3mm INT SHAKEPROOF	7.0000
-009156	3*25mm PAN POZI	2.0000
-009171	M5 INT SHAKEPROOF WASHER	4.0000
-009173	5*12mm PAN POZI ZINC	1.0000
-009174	2BA NYLOC NUT	5.0000
-009179	2BA * 1/2 PAN POZI	5.0000
-009180	5mm NUTSERT	4.0000
-009181	5mm BRASS HEX NUT	1.0000
-009184	NO6 * 3/8 SELF TAP	6.0000
-009185	5mm PLAIN NATURAL RIVET	28.0000
-009186	6mm PLAIN STEEL RIVET	8.0000
-009187	NO.8 SPIRE FASTENER	4.0000
-009189	5mm CAGE NUT	4.0000
-009219	10mm HEX NUT	1.0000
-009225	10*80mm BOLT	1.0000
-009229	8*3/8 FH POZI	4.0000
-009230	10mm SHAKEPRF WSHR	1.0000
-009233	POP RIVET 4*7	1.0000
-10212	3/16" TABLE 4L WASHER	8.0000
-502111	1K5 6W RESISTOR	4.0000
-530027	DPST EQ MAINS SWITCH	1.0000
-540024	20mm FUSE CARRIER	1.0000
-540037	FLASH SYMBOL WARNING LABEL	1.0000
-540038	EARTH WARNING LABEL	1.0000
-540039	T5A FUSE LABEL	1.0000
-588006	POP RIVET (BLACK)	2.0000
-8P-8491	VH100R REAR CHASSIS	1.0000
-L79019	ZINTFC SHEET (DB)	0.5000
-8M-8491	VH100R Chassis	1.0000
-8PC-8491	VH100R CHASSIS	1.0000
-8SP-8491	VH100R CHASSIS	1.0000
-8P-8523	VH100R FRONT PANEL	1.0000
-L79093	COLD ROLLED STEEL	0.1430
-8M-8523	VH100R Facia	1.0000
-8CP-8523	VH100R FACIA	1.0000
-8SP-8523	VH100R FACIA	1.0000
-8T-6091	VH100R 230V MAINS	1.0000
-008004	HI-POT LABEL	1.0000
-71009	CORE 6037/6038	1.1000
-72007	COPPER WIRE 0.4 DIA	0.0700
-72010	COPPER WIRE 2.0 DIA	0.1057
-72011	COPPER WIRE 0.56 DIA	0.3480
-72012	COPPER WIRE 0.8 DIA	0.5000
-73000	POLYESTER MYLAR 13MM	90.0000
-73006	100MM CABLE TIES	5.0000
-74020	1.5 BLACK SLEEVING	0.4800
-74021	1.5 BROWN SLEEVING	0.3200
-74023	1.5 BLUE SLEEVING	0.3200
-74024	1.5 RED SLEEVING	0.5200
-74026	1.5 WHITE SLEEVING	0.4800
-74027	1.5 ORANGE SLEEVING	0.8000
-74029	3.0 BLUE SLEEVING	0.7100
-74030	3.0 GREY SLEEVING	0.5400
-75004	POTTING COMPOUND	0.2000
-75010	3.5*1.5 AVERY LABEL	1.0000
-74070	10mm BLACK SLEEVING	0.0800
-74075	12mm BLACK SLEEVING	0.0700
-75002/A	120MM X 3MM THICK	1.0000
-10702	SPECIAL MAINS LEAD	1.0000
-10911	VC50/VH100R USER	1.0000
-20319	VH100R CABINET	1.0000
-10007	PHONO/PHONO LEAD	0.5000
-10021	LARGE REVERB	1.0000
-10048	BACK CHROME CORNER	8.0000
-10056	LARGE LANEY BADGE	1.0000
-10059	RUBBER CABINET FOOT	4.0000
-10101	LEATHER STRAP HANDLE	2.0000
-10208	NO.8 X 1 1/4" CSK	11.0000
-10226	STAPLE 71/6	70.0000
-10233	M5*30 FLANGE POZI BK	4.0000
-10235	NO 8x3/8 SELF TAPPER	4.0000
-10240	10 * 1 CSK POZI	4.0000
-10245	No4*1/2 CSK POZI	2.0000
-10246	No10*1/2 FLANGE POZI	4.0000
-10247	No8*1/2 FLANGE POZI	30.0000
-10250	M5*45 FLANGE	4.0000
-10301	18mm CHIPBOARD	0.2500
-10302	25mm X 25mm PAR	1.0000
-10307	WHITE TADPOLE PIPING	1.2000
-10308	GREY FRONTFRET	0.2000
-10309	ALUMINIUM FOIL	0.3000
-10318	BASKETWEAVE	0.8000
-10600	32/18 STAPLE	12.0000
-10623	POLY BAG 24(0) X 48	1.0000
-10629	MASKING TAPE 1.5"	2.0000
-10863	CARTON VH100R 21247	1.0000
-10981	GLUE/PAINT COST 1.25	1.0000
-10984	PACKING COST #1.00	1.0000
-8G-GH100L	REAR GRILL GH100L	1.0000
-L79060	LANEY CR4 PERFORATED	0.0700
-8M-GH100L	Mesh	1.0000
-8ZPG-GH100L	FRONT GRILL GH100L	1.0000
-8P-8502	CABINET VENT PLATE	1.0000
-L79090	COLD ROLLED STEEL/1Mx0.75Mx1.6MM	
-8M-8502	Cabinet Vent plate	
-8CP-8502	CABINET VENT PLATE "LARGE"	

Product	Description	Quantity
FS4E	FS4 FOOTSWITCH	1.0000
003009	5mm RED LED	2.0000
003009A	5mm LED CLIP	4.0000
003012	5mm GREEN LED	1.0000
003026	5mm YELLOW LED	1.0000
009184	NO6 * 3/8 SELF TAP	4.0000
009204	NO 4*1/4 PLASTITE	2.0000
10640	FS4 5MTR DIN LEAD	1.0000
10642	5 PIN DIN SCKET ASSY	1.0000
10645	9x12 3/4" SELF SEAL	1.0000
10677	BLACK FOOTSWITCH MAT	2.0000
10679	PUSH SWITCH	4.0000
8P-8343	FS4 MAINFRAME/LID	1.0000
79021	ZINTEC SHEET/1Mx0.75Mx1.6MM	0.0625
79022	ZINTEC SHEET/1Mx1Mx1.6MM	0.0454
8M-8343 LID	FS4 Lid	1.0000
8M-8343 BASE	FS4 Base	1.0000
8PC-8343	4 WAY F/S LID	1.0000
8PC-8343F	4 WAY F/S FRAME	1.0000
8SP-8343	4 WAY FOOTSWITCH	1.0000