

# Pioneer

## Service Manual

ORDER NO.  
**RRV4353**

AV RECEIVER

# SC-LX86

## SC-LX76

**THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).**

Model	Type	Power Requirement	The voltage can be converted by the following method.
SC-LX86	FXJ	AC 110 V	-----
SC-LX86	DLPWXJ	AC 220 V to 230 V / 240 V	With the voltage selector
SC-LX86	AXJ5	AC 220 V	-----
SC-LX76	FXJ	AC 110 V	-----
SC-LX76	DLPWXJ	AC 220 V to 230 V / 240 V	With the voltage selector
SC-LX76	AXJ5	AC 220 V	-----

**This service manual should be used together with the following manual(s).**

Model No.	Order No.	Remarks
SC-68/UXJCB	RRV4325	

**For SPECIFICATIONS and PANEL FACILITIES, refer to the operating instructions.**

# 1. CONTRAST OF MISCELLANEOUS PARTS

NOTES: ● Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

● The  $\Delta$  mark found on some component parts indicates the importance of the safety factor of the part.

Therefore, when replacing, be sure to use parts of identical designation.

● Screws adjacent to  $\nabla$  mark on product are used for disassembly.

● For the applying amount of lubricants or glue, follow the instructions in this manual.

(In the case of no amount instructions, apply as you think it appropriate.)

● Nos. indicate the pages and Nos. in the service manual for the base model.

● When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560 $\Omega$   $\rightarrow$  56 x 10<sup>1</sup>  $\rightarrow$  561 ..... RD1/4PU5 6 1 J  
 47k $\Omega$   $\rightarrow$  47 x 10<sup>3</sup>  $\rightarrow$  473 ..... RD1/4PU4 7 3 J  
 0.5 $\Omega$   $\rightarrow$  R50 ..... RN2HR 5 0 K  
 1 $\Omega$   $\rightarrow$  1R0 ..... RS1P 1 R 0 K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62k $\Omega$   $\rightarrow$  562 x 10<sup>1</sup>  $\rightarrow$  5621 ..... RN1/4PC 5 6 2 1 F

## CONTRAST TABLE

### SC-LX86/FXJ, /DLPWXJ, /AXJ5

SC-68/UXJCB, SC-LX86/FXJ, SC-LX86/DLPWXJ and SC-LX86/AXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-68 /UXJCB	SC-LX86 /FXJ	SC-LX86 /DLPWXJ	SC-LX86 /AXJ5	Remarks
<b>PCB ASSEMBLIES</b>							
NSP		1..INTERFACE REG ASSY	AWR7150	AWR7168	AWR7168	AWR7168	
	P79-3	2..IR REG ASSY	AWX1173	AWX1324	AWX1324	AWX1324	
	P79-4	2..B DIODE ASSY	AWX1174	AWX1321	AWX1321	AWX1321	
	P83-4	2..INTERFACE ASSY	AWX1172	AWX1313	AWX1313	AWX1313	
NSP	P83-5	2..A REG BRIDGE ASSY	AWX1178	AWX1312	AWX1312	AWX1312	
		1..REG BRIDGE ASSY	AWR7151	AWR7152	AWR7152	AWR7152	
	P79-5	2..DISPLAY BRIDGE ASSY	AWX1182	AWX1319	AWX1319	AWX1319	
	P81-9	2..MULTI CH IN ASSY	AWX1184	AWX1191	AWX1191	AWX1191	
NSP	P81-11	2..CONNECT ASSY	AWX1187	AWX1325	AWX1325	AWX1325	
	P83-7	2..REG ASSY	AWX1180	AWX1315	AWX1315	AWX1315	
	P83-9	2..FB-CONNECT ASSY	AWX1186	AWX1320	AWX1320	AWX1320	
	NSP		1..PRIM DISPLAY ASSY	AWM8300	AWM8304	AWM8303	AWM8305
P81-1		2..PRIMARY ASSY	AWX1142	AWX1146	AWX1145	AWX1147	
P85-1		2..DISPLAY ASSY	AWX1133	AWX1206	AWX1206	AWX1206	
P85-4		2..MIC HP ASSY	AWX1149	AWX1299	AWX1299	AWX1299	
NSP		1..AUDIO COMPOSITE ASSY	AWR7141	AWR7161	AWR7161	AWR7161	
	P81-2	2..AUDIO ASSY	AWX1119	AWX1274	AWX1274	AWX1274	
	P81-3	2..COMPOSITE ASSY	AWX1125	AWX1317	AWX1317	AWX1317	
	P81-12	1..USB DAC ASSY	AWX1097	AWX1257	AWX1257	AWX1257	
NSP	P81-13	1..DAC HIGH ASSY	AWX1104	AWX1253	AWX1253	AWX1253	
	P81-14	1..COMPONENT ASSY	AWX1106	AWX1288	AWX1288	AWX1288	
	P81-15	1..DIGITAL MAIN ASSY	AWX9904	AWX1279	AWX1261	AWX1261	
NSP		1..D AMP ASSY	AWH7052	AWH7055	AWH7055	AWH7055	
	P83-1	2..D AMP ASSY	AWX1214	AWX1217	AWX1217	AWX1217	
NSP		1..IR BUFFER ASSY	AWM8307	AWM8314	AWM8314	AWM8314	
	P83-2	2..IR BUFFER ASSY	AWX1170	AWX1323	AWX1323	AWX1323	
NSP		1..FRONT HDMI USB ASSY	AWX1111	AWX1291	AWX1291	AWX1291	
	P85-6						
<b>PACKING SECTION</b>							
$\Delta$	P77-4	AC Power Cord	ADG7118	ADG7120	ADG7119	ADG7122	
	P77-8	Quick Start Guide	ARH7131	ARH7133	ARH7134	ARH7135	

Mark	No.	Symbol and Description	SC-68 /UXJCB	SC-LX86 /FXJ	SC-LX86 /DLPWXJ	SC-LX86 /AXJ5	Remarks
NSP	P77-9	Caution Sheet SP	ARM7083	ARM7083	ARM7083	ARM7104	A
	P77-10	Caution Card	ARM7134	ARM7136	ARM7137	ARM7138	
	P77-11	Operating Instructions (CD-ROM)	ARU7029	ARI7019	ARU7031	ARI7020	
NSP		Operating Instructions (En)	ARB7487	Not used	ARB7489	Not used	B
NSP		Operating Instructions (Frca)	ARC8100	Not used	Not used	Not used	
NSP		Operating Instructions (Zhtw)	Not used	ARC8098	Not used	Not used	
NSP		Operating Instructions (Es)	Not used	Not used	ARC8109	Not used	
NSP		Operating Instructions (Zhcn)	Not used	Not used	Not used	ARC8099	
NSP	P77-12	Warranty Card	ARY7007	Not used	Not used	ARY7118	
NSP	P77-18	Packing Case	AHD8767	AHD8769	AHD8770	AHD8771	B
		Caution 220-230V	Not used	Not used	ARR7023	Not used	
		Caution Card SD SB	Not used	Not used	ARM7063	Not used	
NSP		Ccc S Label	Not used	Not used	Not used	DRW2310	B
NSP		Label/CPA	Not used	Not used	AAX8228	Not used	
<b>EXTERIOR SECTION</b>							
⚠	P79-9	Power Transformer	ATS7447	ATS7450	ATS7448	ATS7448	C
⚠	P79-10	Fuse (FU13, FU14 :1A)	REK1142	Not used	Not used	Not used	
⚠	P79-10	Fuse (FU13, FU14 :T800mA)	Not used	AEK7072	AEK7072	AEK7072	
⚠	P79-11	Fuse (FU11, FU12, FU15 : 1.25A)	REK1143	Not used	Not used	Not used	
⚠	P79-11	Fuse (FU11, FU12, FU15 : T1A)	Not used	AEK7073	AEK7073	AEK7073	
⚠	P79-12	Fuse (FU10 : 6A)	REK1151	Not used	Not used	Not used	
⚠	P79-12	Fuse (FU10 : T5A)	Not used	AEK1061	AEK1061	AEK1061	C
	P79-20	Insulator	AMR7198	DXA1904	DXA1904	DXA1904	
<b>REAR SECTION</b>							
⚠	P81-18	Fuse (FU4 : 2A)	REK1139	REK1139	Not used	Not used	D
⚠	P81-18	Fuse (FU4 : 4A)	Not used	Not used	REK1104	REK1104	
⚠	P81-19	Fuse (FU1 : 10A)	REK1154	Not used	Not used	Not used	
⚠	P81-19	Fuse (FU1 : 10A)	Not used	DEK1045	Not used	Not used	
⚠	P81-19	Fuse (FU1 : T5A)	Not used	Not used	AEK1061	AEK1061	
	P81-22	Rear Panel	ANC8643	ANC8645	ANC8646	ANC8647	
<b>CHASSIS SECTION</b>							
⚠	P83-12	Fuse (FU21, FU22, FU31, FU32 : 1.25A)	REK1143	Not used	Not used	Not used	D
⚠	P83-12	Fuse (FU21, FU22 : T800mA)	Not used	AEK7072	AEK7072	AEK7072	
⚠	P83-12	Fuse (FU31, FU32 : T1A)	Not used	AEK7073	AEK7073	AEK7073	
<b>FRONT SECTION</b>							
NSP	P85-19	Door Panel	ANB7562	ANB7563	ANB7563	ANB7563	D
	P85-23	Filter	AAK8443	AAK8459	AAK8459	AAK8459	
	P85-24	Display Panel	AAK8567	AAK8568	AAK8568	AAK8568	
	P85-28	Panel Base	AMB8041	AMB8042	AMB8042	AMB8042	
	P85-29	Panel	ANB7582	ANB7583	ANB7583	ANB7583	
	P85-30	PIONEER Badge	VAM1159	VAM1158	VAM1158	VAM1158	

Notes : For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES".

**SC-LX76/FXJ, /DLPWXJ, /AXJ5**

SC-68/UXJCB, SC-LX76/FXJ, SC-LX76/DLPWXJ and SC-LX76/AXJ5 are constructed the same except for the following:

Mark	No.	Symbol and Description	SC-68 /UXJCB	SC-LX76 /FXJ	SC-LX76 /DLPWXJ	SC-LX76 /AXJ5	Remarks	
		<b>PCB ASSEMBLIES</b>						
A	NSP	1..INTERFACE REG ASSY	AWR7150	AWR7169	AWR7169	AWR7169		
	P79-3	2..IR REG ASSY	AWX1173	AWX1304	AWX1304	AWX1304		
	P79-4	2..B DIODE ASSY	AWX1174	AWX1321	AWX1321	AWX1321		
	P81-8	2..PRIMARY SHIELD ASSY	Not used	AWX1175	AWX1175	AWX1175		
	P83-4	2..INTERFACE ASSY	AWX1172	AWX1313	AWX1313	AWX1313		
	P83-5	2..A REG BRIDGE ASSY	AWX1178	AWX1312	AWX1312	AWX1312		
B	NSP	1..REG BRIDGE ASSY	AWR7151	AWR7173	AWR7173	AWR7173		
	P79-5	2..DISPLAY BRIDGE ASSY	AWX1182	AWX1319	AWX1319	AWX1319		
	P81-9	2..MULTI CH IN ASSY	AWX1184	Not used	Not used	Not used		
	P81-10	2..MCH BRIDGE ASSY	AWX1185	Not used	Not used	Not used		
	P81-11	2..CONNECT ASSY	AWX1187	AWX1314	AWX1314	AWX1314		
	P83-7	2..REG ASSY	AWX1180	AWX1315	AWX1315	AWX1315		
	P83-9	2..FB-CONNECT ASSY	AWX1186	AWX1320	AWX1320	AWX1320		
C	NSP	1..PRIM DISPLAY ASSY	AWM8300	AWM8304	AWM8303	AWM8305		
	P81-1	2..PRIMARY ASSY	AWX1142	AWX1146	AWX1145	AWX1147		
	P85-1	2..DISPLAY ASSY	AWX1133	AWX1206	AWX1206	AWX1206		
	P85-4	2..MIC HP ASSY	AWX1149	AWX1299	AWX1299	AWX1299		
		P81-2	1..AUDIO COMPOSITE ASSY	AWR7141	AWR7162	AWR7162	AWR7162	
		P81-3	2..AUDIO ASSY	AWX1119	AWX1275	AWX1275	AWX1275	
		P81-3	2..COMPOSITE ASSY	AWX1125	AWX1318	AWX1318	AWX1318	
		P81-12	1..USB DAC ASSY	AWX1097	Not used	Not used	Not used	
		P81-13	1..DAC HIGH ASSY	AWX1104	AWX1254	AWX1254	AWX1254	
		P81-14	1..COMPONENT ASSY	AWX1106	AWX1108	AWX1108	AWX1108	
	P81-15	1..DIGITAL MAIN ASSY	AWX9904	AWX1280	AWX1265	AWX1265		
D	NSP	1..D AMP ASSY	AWH7052	AWH7059	AWH7059	AWH7059		
	P83-1	2..D AMP ASSY	AWX1214	AWX1221	AWX1221	AWX1221		
	P85-6	1..FRONT HDMI USB ASSY	AWX1111	AWX1291	AWX1291	AWX1291		
		<b>PACKING SECTION</b>						
	⚠	P77-4 AC Power Cord	ADG7118	ADG7120	ADG7119	ADG7122		
		P77-7 MCACC Setup Microphone	APM7009	APM7010	APM7010	APM7010		
		P77-8 Quick Start Guide	ARH7131	ARH7133	ARH7134	ARH7135		
		P77-9 Caution Sheet SP	ARM7083	ARM7083	ARM7083	ARM7104		
	NSP	P77-10 Caution Card	ARM7134	ARM7136	ARM7137	ARM7138		
		P77-11 Operating Instructions (CD-ROM)	ARU7029	ARI7019	ARU7031	ARI7020		
	NSP	Operating Instructions (En)	ARB7487	Not used	ARB7489	Not used		
	NSP	Operating Instructions (Frca)	ARC8100	Not used	Not used	Not used		
	NSP	Operating Instructions (Zhtw)	Not used	ARC8098	Not used	Not used		
	NSP	Operating Instructions (Es)	Not used	Not used	ARC8109	Not used		
	NSP	Operating Instructions (Zhcn)	Not used	Not used	Not used	ARC8099		
		P77-12 Warranty Card	ARY7007	Not used	Not used	ARY7118		
		P77-18 Packing Case	AHD8767	AHD8775	AHD8776	AHD8777		
		Caution 220-230V	Not used	Not used	ARR7023	Not used		
		Caution Card SD SB	Not used	Not used	ARM7063	Not used		
	NSP	Ccc S Label	Not used	Not used	Not used	DRW2310		
	NSP	Label/CPA	Not used	Not used	AAX8229	Not used		
		<b>EXTERIOR SECTION</b>						
	⚠	P79-9 Power Transformer	ATS7447	ATS7441	ATS7439	ATS7439		
	⚠	P79-10 Fuse (FU13, FU14 :1A)	REK1142	Not used	Not used	Not used		
	⚠	P79-10 Fuse (FU13, FU14 :T800mA)	Not used	AEK7072	AEK7072	AEK7072		

Mark	No.	Symbol and Description	SC-68 /UXJCB	SC-LX76 /FXJ	SC-LX76 /DLPWXJ	SC-LX76 /AXJ5	Remarks
⚠	P79-11	Fuse (FU11, FU12, FU15 : 1.25A)	REK1143	Not used	Not used	Not used	A
⚠	P79-11	Fuse (FU11, FU12, FU15 : T1A)	Not used	AEK7073	AEK7073	AEK7073	
⚠	P79-12	Fuse (FU10 : 6A)	REK1151	Not used	Not used	Not used	
⚠	P79-12	Fuse (FU10 : T5A)	Not used	AEK1061	AEK1061	AEK1061	
	P79-20	Insulator	AMR7198	DXA1904	DXA1904	DXA1904	
		<b>REAR SECTION</b>					
⚠	P81-18	Fuse (FU4 : 2A)	REK1139	REK1139	Not used	Not used	
⚠	P81-18	Fuse (FU4 : 4A)	Not used	Not used	REK1104	REK1104	
⚠	P81-19	Fuse (FU1 : 10A)	REK1154	Not used	Not used	Not used	
⚠	P81-19	Fuse (FU1 : 10A)	Not used	DEK1045	Not used	Not used	
⚠	P81-19	Fuse (FU1 : T5A)	Not used	Not used	AEK1061	AEK1061	
	P81-22	Rear Panel	ANC8643	ANC8651	ANC8652	ANC8653	B
	P81-24	D MAIN Shield 85	ANK7162	Not used	Not used	Not used	
	P81-27	Nylon Rivet	AEC7406	Not used	Not used	Not used	
	P81-28	Locking Spacer	AEC7643	Not used	Not used	Not used	
		<b>CHASSIS SECTION</b>					
⚠	P83-12	Fuse (FU21, FU22, FU31, FU32 : 1.25A)	REK1143	Not used	Not used	Not used	■
⚠	P83-12	Fuse (FU21, FU22 : T800mA)	Not used	AEK7072	AEK7072	AEK7072	
⚠	P83-12	Fuse (FU31, FU32 : T1A)	Not used	AEK7073	AEK7073	AEK7073	
		<b>FRONT SECTION</b>					
	P85-19	Door Panel	ANB7562	ANB7563	ANB7563	ANB7563	C
	P85-23	Filter	AAK8443	AAK8459	AAK8459	AAK8459	
	P85-24	Display Panel	AAK8567	AAK8568	AAK8568	AAK8568	
NSP	P85-28	Panel Base	AMB8041	AMB8042	AMB8042	AMB8042	
	P85-29	Panel	ANB7582	ANB7586	ANB7586	ANB7586	
	P85-30	PIONEER Badge	VAM1159	VAM1158	VAM1158	VAM1158	

Notes : For PCB ASSEMBLIES, Refer to "CONTRAST OF PCB ASSEMBLIES".

**CONTRAST OF PCB ASSEMBLIES****A F AUDIO ASSY**

A AWX1119, AWX1274 and AWX1275 are constructed the same except for the following:

Mark	Symbol and Description	AWX1119	AWX1274	AWX1275	Remarks
	IC2661, IC6701, IC6702 D2701, D2702 CN2510 18P SOCKET JA2503 2P PIN JACK JA3201 RCA JACK	NJM4565MD 1SS302 AKP7123 AKB7234 AKB7241	UPC4570G2-A Not used AKP7123 AKB7234 AKB7241	UPC4570G2-A Not used Not used AKB7233 AKB7245	
	JA2501, JA2504, JA3101 RCA JACK JA2502, JA2505, JA3202, JA3206 RCA JACK JA6701 RCA JACK JA3102 RCA JACK R2688	AKB7242 AKB7243 AKB7244 AKB7250 RS1/8SQ152J	AKB7242 AKB7243 AKB7244 AKB7250 RS1/8SQ132J	AKB7246 AKB7247 AKB7249 AKB7248 RS1/8SQ132J	
	R2862, R2864, R6738 R3017 R3901, R3902 R3907, R3917-R3919 R3915	RS1/10SR473J Not used RS1/10SR0R0J RS1/10SR0R0J RS1/10SR332J	RS1/10SR563J RS1/10SR224J RS1/10SR2R2J RS1/10SR100J Not used	RS1/10SR563J RS1/10SR224J RS1/10SR2R2J RS1/10SR100J Not used	
	R3951-R3958 R3976 C3021 C3901 C3908, C3911, C3912, C3916	Not used RS1/10SR0R0J CKSRYB103K50 CCSRCH270J50 CCSRCH100D50	Not used RS1/10SR100J Not used Not used Not used	RS1/10SR473J RS1/10SR100J Not used Not used Not used	
	C2707, C2708, C2751-C2758 C2760, C3952-C3954 C3001, C3002 C3025, C3026	CEAK100M50 CEAK100M50 CEAK2R2M50 CEAK100M50	CEAK220M50 CEAK220M50 ACH7379 ACH7380	CEAK220M50 CEAK220M50 ACH7379 ACH7380	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

**B F DAC HIGH ASSY**

D AWX1104, AWX1253 and AWX1254 are constructed the same except for the following:

Mark	Symbol and Description	AWX1104	AWX1253	AWX1254	Remarks
	IC2401, IC2402 IC2003, IC2005-IC2007, IC2018 IC2451 JA2008 RCA JACK R2136	NJM4565MD RNB4580F RNB4580F AKB7235 Not used	UPC4570G2-A UPC4570G2-A UPC4570G2-A AKB7235 RS1/10SR224J	UPC4570G2-A UPC4570G2-A UPC4570G2-A AKB7173 RS1/10SR224J	
	R2231, R2232 R2212, R2215, R2242, R2245 R2302 R2084, R2088, R2380, R2381 R2020	Not used RS1/10SR101J RS1/10SR101J RS1/16SS0R0J RS1/16SS0R0J	RS1/8SQ393J RS1/10SR221J RS1/10SR221J RS1/16SS100J RS1/16SS470J	RS1/8SQ393J RS1/10SR221J RS1/10SR221J RS1/16SS100J RS1/16SS470J	
	R2023, R2024, R2025, R2027 R2053 R2240 C2058 C2193	RS1/16SS101J RS1/16SS101J RS1/16SS470J CKSQYB225K10 CKSQYB225K10	RS1/16SS121J RS1/16SS121J RS1/16SS100J CCG1222 CKSQYB225K16	RS1/16SS121J RS1/16SS121J RS1/16SS100J CCG1222 CKSQYB225K16	
	C2401, C2402 C2403, C2404 C2482 C2082, C2083, C2098, C2099 C2116, C2117, C2239, C2247	CKSRYB104K16 DCH1201 CKSRYB103K50 CEAK100M50 CEAK100M50	Not used DCH1263 Not used CEAK220M50 CEAK220M50	Not used DCH1263 Not used CEAK220M50 CEAK220M50	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

## C F FRONT HDMI USB ASSY

AWX1111 and AWX1291 are constructed the same except for the following:

Mark	Symbol and Description	AWX1111	AWX1291	Remarks+-
	C8044, C8045	ACG1128	CCG1236	

## E F MULTI CH IN ASSY

AWX1184 and AWX1191 are constructed the same except for the following:

Mark	Symbol and Description	AWX1184	AWX1191	Remarks
	C7761-C7764, C7767-C7770	Not used	CCSRCH101J50	
	C7773-C7776, C7779-C7782	Not used	CCSRCH101J50	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

## F F USB DAC ASSY

AWX1097 and AWX1257 are constructed the same except for the following:

Mark	Symbol and Description	AWX1097	AWX1257	Remarks
	L5509	BTX1040	ATL7010	
	R5510-R5512, R5673	RS1/16SS0R0J	RS1/16SS100J	
	R5504, R5506-R5508	RS1/16SS0R0J	RS1/16SS2R2J	
	R5619	RS1/16SS680J	RS1/16SS750J	
	C5580, C5581	CCSSCH471J50	CCSSCH331J50	
	C5572, C5575	CKSQYB475K16	CCG1222	
	C5521, C5677, C5678	CKSSYB104K16	CKSSYB103K25	
	C5649	DCH1201	DCH1263	
	C5567	DCH1246	CKSSYB103K25	

## G F DIGITAL MAIN ASSY

AWX9904, AWX1279, AWX1261, AWX1280 and AWX1265 are constructed the same except for the following:

Mark	Symbol and Description	AWX9904	AWX1279	AWX1261	AWX1280	AWX1265	Remarks
	L9403, L9405 CHIP BEADS	ATL7010	Not used	Not used	ATL7010	ATL7010	
	L9407, L9408 RESISTOR	Not used	RS1/8SQ0R0J	RS1/8SQ0R0J	Not used	Not used	
	CN9801 B TO B 17PIN JACK	AKN7070	AKN7070	AKN7070	Not used	Not used	
	R423, R424, R428	Not used	RS1/8SQ105J	RS1/8SQ105J	RS1/8SQ105J	RS1/8SQ105J	
	R1593	RS1/16SS0R0J	RS1/16SS0R0J	RS1/16SS0R0J	Not used	Not used	
	R649, R683, R684, R726	RS1/16SS0R0J	RS1/16SS100J	RS1/16SS100J	RS1/16SS100J	RS1/16SS100J	
	R943, R1084	RS1/16SS0R0J	RS1/16SS100J	RS1/16SS100J	RS1/16SS100J	RS1/16SS100J	
	R1570	RS1/16SS0R0J	RS1/16SS220J	RS1/16SS220J	RS1/16SS220J	RS1/16SS220J	
	R9801	RS1/16SS100J	RS1/16SS100J	RS1/16SS100J	RS1/16SS0R0J	Not used	
	R9803-R9809	RS1/16SS100J	RS1/16SS100J	RS1/16SS100J	Not used	Not used	
	R832	RS1/16SS100J	RS1/16SS101J	RS1/16SS101J	RS1/16SS101J	RS1/16SS101J	
	R1695, R9655	RS1/16SS100J	RS1/16SS120J	RS1/16SS120J	RS1/16SS100J	RS1/16SS100J	
	R1526, R1568, R9851, R9852	RS1/16SS100J	RS1/16SS120J	RS1/16SS120J	RS1/16SS120J	RS1/16SS120J	
	R9854	RS1/16SS100J	RS1/16SS120J	RS1/16SS120J	RS1/16SS120J	RS1/16SS120J	
	R1670	RS1/16SS100J	RS1/16SS220J	RS1/16SS220J	RS1/16SS220J	RS1/16SS220J	
	R1807	RS1/16SS470J	VTL1127	RS1/16SS470J	VTL1127	RS1/16SS470J	
	R1571	RS1/16SS0R0J	RS1/16SS101J	RS1/16SS0R0J	RS1/16SS101J	RS1/16SS0R0J	
	R9013	RS1/16SS330J	RS1/16SS151J	RS1/16SS330J	RS1/16SS151J	RS1/16SS330J	
	R9133	RS1/16SS330J	RS1/16SS0R0J	RS1/16SS330J	RS1/16SS0R0J	RS1/16SS330J	
	R9721	RS1/16SS2R2J	RS1/16SS151J	RS1/16SS2R2J	RS1/16SS151J	RS1/16SS2R2J	
	R9723	RS1/16SS330J	RS1/16SS2R2J	RS1/16SS330J	RS1/16SS2R2J	RS1/16SS330J	
	C9298-C9300	ACG1150	CCG1236	CCG1236	CCG1236	CCG1236	
	C996, C1672, C9583	ACH7306	ACH7306	ACH7306	Not used	Not used	
	C9801	CCSSCH100D50	CCSSCH100D50	CCSSCH100D50	CCSSCH470J50	Not used	
	C9807	CCSSCH100D50	CCSSCH100D50	CCSSCH100D50	Not used	Not used	
	C9050, C9759	CCSSCH100D50	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	

Mark	Symbol and Description	AWX9904	AWX1279	AWX1261	AWX1280	AWX1265	Remarks
A	C404, C9432	CCSSCH100D50	Not used	Not used	Not used	Not used	
	C720, C721	CCSSCH101J50	CCSSCH331J50	CCSSCH331J50	CCSSCH331J50	CCSSCH331J50	
	C9255	CCSSCH102J50	CCSSCH331J50	CCSSCH331J50	CCSSCH331J50	CCSSCH331J50	
	C9627, C9631, C9636	CCSSCH331J50	Not used	Not used	Not used	Not used	
B	C1355	CEVW101M16	CEVW101M16	CEVW101M16	CEVW221M4	CEVW221M4	
	C1113	CEVW101M16	CEVW101M16	CEVW101M16	Not used	Not used	
	C601	CEVW101M16	VCH1234	VCH1234	VCH1234	VCH1234	
	C1836, C1847	CEVW470M6R3	CEVW470M6R3	CEVW470M6R3	Not used	Not used	
	C1934, C9584	CFHXSQ103J16	CFHXSQ103J16	CFHXSQ103J16	Not used	Not used	
	C420-C422, C424, C425	CKSQYB105K25	VCG1072	VCG1072	VCG1072	VCG1072	
	C1607, C1627, C1686	CKSRYB103K50	Not used	Not used	Not used	Not used	
	C664, C680, C954, C1272	CKSSYB104K16	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	
	C1761, C1783, C9043, C9045	CKSSYB104K16	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	
	C9123, C9221, C9237, C9490	CKSSYB104K16	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	
	C9665, C9683, C9729, C9749	CKSSYB104K16	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	
	C9779	CKSSYB104K16	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	CKSSYB103K25	
C	C915, C1048, C1060, C1063	DCH1201	DCH1263	DCH1263	DCH1263	DCH1263	
	C1065, C1074, C1089-C1091	DCH1201	DCH1263	DCH1263	DCH1263	DCH1263	
	C1205, C1211, C1230, C1352	DCH1201	DCH1263	DCH1263	DCH1263	DCH1263	
	C1605, C1650, C1713, C1719	DCH1201	DCH1263	DCH1263	DCH1263	DCH1263	
	C1723, C1737, C1740, C1747	DCH1201	DCH1263	DCH1263	DCH1263	DCH1263	
	C1750, C9168, C9226, C9228	DCH1201	DCH1263	DCH1263	DCH1263	DCH1263	
	C9230, C9233, C9236, C9239	DCH1201	DCH1263	DCH1263	DCH1263	DCH1263	
	C9613, C9625, C9629, C9634	DCH1201	DCH1263	DCH1263	DCH1263	DCH1263	
	C9643, C9646, C9649, C9653	DCH1201	DCH1263	DCH1263	DCH1263	DCH1263	
	C9656	DCH1201	DCH1263	DCH1263	DCH1263	DCH1263	
	C609, C655, C1728	DCH1201	Not used	Not used	Not used	Not used	
	C183	Not used	ACH7306	ACH7306	ACH7306	ACH7306	
D	C1606, C1624, C1704	Not used	CKSQYB103K50	CKSQYB103K50	CKSQYB103K50	CKSQYB103K50	
	C995	VCH1277	VCH1277	VCH1277	CEVW221M4	CEVW221M4	
	C449, C450, C1907, C1963	ACG1128	CCG1236	CCG1236	CCG1236	CCG1236	
	C1964, C1971, C9406, C9407	ACG1128	CCG1236	CCG1236	CCG1236	CCG1236	
	C9412, C9417, C9418, C9425	ACG1128	CCG1236	CCG1236	CCG1236	CCG1236	
	C1729, C9436	CEVW221M4	VCH1234	VCH1234	VCH1234	VCH1234	
	C9577, C9578	Not used	ACH7375	ACH7375	Not used	Not used	
	C602, C1031	VCH1234	VCH1234	VCH1234	CEVW101M16	CEVW101M16	
	C1727	DCH1246	Not used	Not used	Not used	Not used	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

## H F INTERFACE ASSY

AWX1172 and AWX1313 are constructed the same except for the following:

Mark	Symbol and Description	AWX1172	AWX1313	Remarks
E	R7083	RS1/10SR0R0J	RS1/10SR2R2J	
	C7110	CCSRCH100D50	Not used	
	C7109	Not used	CEAK101M16	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

## I F COMPONENT ASSY

AWX1106, AWX1288 and AWX1108 are constructed the same except for the following:

Mark	Symbol and Description	AWX1106	AWX1288	AWX1108	Remarks
F	JA8302, JA8304 3P PIN JACK AU	AKB7228	AKB7228	AKB7227	
	JA8305 3P PIN JACK AU	AKB7228	AKB7228	Not used	
	JA8301 6P PIN JACK AU	AKB7225	AKB7225	AKB7224	
	R8391, R8392, R8610,	Not used	RS1/10SR0R0J	RS1/10SR0R0J	
	R8626-R8634	Not used	RS1/10SR0R0J	RS1/10SR0R0J	



Mark	Symbol and Description	AWX1106	AWX1288	AWX1108	Remarks
	R8372, R8404, R8619 R8327-R8330, R8351, R8352 R8358, R8373, R8520, R8521 R8350 R8361-R8364	RS1/10SR0R0J RS1/10SR0R0J RS1/10SR0R0J RS1/10SR0R0J RS1/10SR100J	RS1/10SR100J RS1/10SR2R2J RS1/10SR2R2J RS1/10SR3R3J RS1/10SR120J	RS1/10SR100J RS1/10SR2R2J RS1/10SR2R2J RS1/10SR3R3J RS1/10SR120J	
	R8604-R8607, R8618 R8317, R8319, R8321 R8316, R8318, R8320 R8418 C8335, C8619	RS1/10SR101J RS1/10SR3R9J RS1/10SR68R0F RS1/8SQ561J CCSRCH100D50	RS1/10SR121J RS1/10SR3R9J RS1/10SR68R0F RS1/8SQ471J Not used	RS1/10SR121J Not used Not used RS1/8SQ471J Not used	
	C8421, C8422 C8378 C8303, C8319, C8320, C8513 C8403, C8408, C8410, C8413 C8415	CCSRCH102J50 CCSRCH102J50 CCSRCH102J50 CCSRCH102J50 CCSRCH102J50	CCSRCH331J50 CCSRCH471J50 CKSRYB103K50 Not used Not used	CCSRCH331J50 CCSRCH471J50 CKSRYB103K50 Not used Not used	
	C8394 C8608 C8340 C8607 C8305-C8307, C8309, C8313	CCSRCH470J50 CCSRCH471J50 CKSQYB105K25 CKSRYB103K50 DCH1201	Not used Not used VCG1072 Not used DCH1263	Not used Not used VCG1072 Not used DCH1263	
	C8315, C8317, C8322, C8324 C8326, C8341-C8346, C8404 C8405, C8409, C8414 C8618	DCH1201 DCH1201 DCH1201 Not used	DCH1263 DCH1263 DCH1263 CCSRCH331J50	DCH1263 DCH1263 DCH1263 CCSRCH331J50	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

## J F COMPOSITE ASSY

AWX1125, AWX1317 and AWX1318 are constructed the same except for the following:

Mark	Symbol and Description	AWX1125	AWX1317	AWX1318	Remarks
	JA3604, JA3605 1P PIN JACK JA3601-JA3603 2P PIN JACK R3616 C3614, C3617 C3615, C3616	AKB7232 AKB7230 RS1/10SR68R0D CCSRCH102J50 CKSRYB104K50	AKB7232 AKB7230 RS1/10SR68R0D CCSRCH331J50 CKSRYB103K50	AKB7231 AKB7229 RS1/10SR68R0F CCSRCH331J50 CKSRYB103K50	

## K F MIC HP ASSY

AWX1149 and AWX1299 are constructed the same except for the following:

Mark	Symbol and Description	AWX1149	AWX1299	Remarks
	IC3471 R3474, R3478 C3480 C3460	NJM4565MD RS1/10SR101J DCH1201 DCH1165	UPC4570G2-A RS1/10SR121J DCH1263 CCG1236	

## L F DISPLAY ASSY

AWX1133 and AWX1206 are constructed the same except for the following:

Mark	Symbol and Description	AWX1133	AWX1206	Remarks
	D3004 D3005 R3043, R3087 R3029, R3050, R3112, R3131 R3132  C3212 C3307	1SS301 1SS300 RS1/10SR0R0J RS1/10SR101J RS1/10SR101J  CCSRCH331J50 CKSRYB104K50	Not used Not used RS1/10SR100J RS1/10SR121J RS1/10SR121J  Not used CKSRYB103K50	

## P F IR BUFFER ASSY

AWX1170 and AWX1323 are constructed the same except for the following:

Mark	Symbol and Description	AWX1170	AWX1323	Remarks
	R6808, R6809, R6828, R6829 R6848, R6849, R6868, R6869 R6888, R6889, R6908, R6909 R6928, R6929, R7458, R7459 R7478, R7479	RS1/10SR1R0J RS1/10SR1R0J RS1/10SR1R0J RS1/10SR1R0J RS1/10SR1R0J	RS1/10SR0R0J RS1/10SR0R0J RS1/10SR0R0J RS1/10SR0R0J RS1/10SR0R0J	
	R6804, R6805, R6824, R6825 R6844, R6845, R7454, R7455 R7474, R7475	RS1/10SR752J RS1/10SR752J RS1/10SR752J	RS1/10SR822J RS1/10SR822J RS1/10SR822J	

## S F D AMP ASSY

AWX1214, AWX1217 and AWX1221 are constructed the same except for the following:

Mark	Symbol and Description	AWX1214	AWX1217	AWX1221	Remarks
	IC4204, IC4404, IC4604, IC4704 IC4804 JA4301, JA4501, JA4901, JA5101 SP TERMINAL 4-P JA4101 SP TERMINAL 6-P R5191	NJM12904V NJM12904V AKE7149  AKE7150 RS1/10SR0R0J	NJM2732V NJM2732V AKE7147  AKE7148 Not used	NJM2732V NJM2732V AKE7143  AKE7144 Not used	
	R5194 R5198 R5162 R5190 R4182, R4282, R4382, R4482	Not used Not used RS1/10SR0R0J RS1/10SR0R0J RS1/10SR100J	RS1/10SR0R0J Not used RS1/10SR100J RS1/10SR101J RS1/10SR120J	Not used RS1/10SR0R0J RS1/10SR100J RS1/10SR101J RS1/10SR100J	
	R4582, R4682, R4782, R4882 R4982 R4097, R5033 R4275, R4475, R4675, R4775 R4875, R5189	RS1/10SR100J RS1/10SR100J RS1/10SR100J RS1/10SR101J RS1/10SR101J	RS1/10SR120J RS1/10SR120J RS1/10SR120J RS1/10SR121J RS1/10SR121J	RS1/10SR100J RS1/10SR100J RS1/10SR120J RS1/10SR121J RS1/10SR121J	
	R4180, R4280, R4380, R4480 R4580, R4680, R4780, R4880 R4980 C4016, C4017 C4077	RS1/10SR103J RS1/10SR103J RS1/10SR103J CCSRCH101J50 CCSRCH100D50	RS1/10SR912J RS1/10SR912J RS1/10SR912J CCSRCH331J50 CKSRYP103K50	RS1/10SR912J RS1/10SR912J RS1/10SR912J CCSRCH331J50 CKSRYP103K50	
	C4086	CKSRYP104K50	CKSRYP103K50	CKSRYP103K50	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

## T F PRIMARY ASSY

AWX1142, AWX1146, AWX1145 and AWX1147 are constructed the same except for the following:

Mark	Symbol and Description	AWX1142	AWX1146	AWX1145	AWX1147	Remarks
⚠	L1 LINE FILTER	ATF7046	ATF7046	ATF7050	ATF7050	
⚠	S81 VOLTAGE SELECTOR	Not used	Not used	AKX7020	Not used	
⚠	CN81 CONNECTOR	B2P3-VH	Not used	Not used	Not used	
⚠	CN82 CONNECTOR(VH)	Not used	B3P5-VH	B3P5-VH	B3P5-VH	
⚠	JA71 AC INLET ASSY	ADX7513	ADX7513	ADX7513	ADX7464	
	KN2 SCREW PLATE	VNE1948	VNE1948	Not used	VNE1948	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

## V F REG ASSY

AWX1180 and AWX1315 are constructed the same except for the following:

Mark	Symbol and Description	AWX1180	AWX1315	Remarks
	C7640, C7641	CKSRYP104K50	Not used	

## WF IR REG ASSY

AWX1173, AWX1324 and AWX1304 are constructed the same except for the following:

Mark	Symbol and Description	AWX1173	AWX1324	AWX1304	Remarks
	R7274 R7275, R7276 R7277, R7278 C7247 C7243, C7273, C7274	RS1/4SA271J RS1/8SQ333J RS1/8SQ223J CCSRCH470J50 CKSRYB103K50	RS1/4SA471J RS1/8SQ823J RS1/8SQ473J Not used Not used	RS1/4SA471J RS1/8SQ333J RS1/8SQ223J Not used Not used	

## XF B DIODE ASSY

AWX1174 and AWX1321 are constructed the same except for the following:

Mark	Symbol and Description	AWX1174	AWX1321	Remarks
	R7405, R7406 R7400	RS1/4SA105J RS1/4SA913J	Not used RS1/4SA104J	

## YF CONNECT ASSY

AWX1187, AWX1325 and AWX1314 are constructed the same except for the following:

Mark	Symbol and Description	AWX1187	AWX1325	AWX1314	Remarks
	R7804, R7805 R7813 R7818, R7892	RS1/8SQ105J RS1/10SR100J RS1/10SR100J	Not used RS1/10SR120J RS1/10SR120J	Not used RS1/10SR120J RS1/10SR100J	

## ZF FB-CONNECT ASSY

AWX1186 and AWX1320 are constructed the same except for the following:

Mark	Symbol and Description	AWX1186	AWX1320	Remarks
	C7699, C7702	CKSRYB103K50	Not used	

## AF DISPLAY BRIDGE ASSY

AWX1182 and AWX1319 are constructed the same except for the following:

Mark	Symbol and Description	AWX1182	AWX1319	Remarks
	C7940	Not used	CCSRCH331J50	

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

## AF A REG BRIDGE ASSY

AWX1178 and AWX1312 are constructed the same except for the following:

Mark	Symbol and Description	AWX1178	AWX1312	Remarks
	R5776	RS1/10SR103J	RS1/10SR682J	