

DF MAIN CONTROL ASSY

AWX7607, AWX7605 and AWX7560 are constructed the same except for the following:

Mark	Symbol and Description	Part No.			Remarks
		AWX7560	AWX7607	AWX7605	
	IC103 IC104 IC251 Q905 D251, D252	TC9164AF NJM4558MD Not used DTA124EK Not used	Not used Not used NJM4558MD Not used 1SS355	Not used Not used NJM4558MD Not used 1S355	
	D253 C101- C112 C119, C120 C133, C134 C135, C136	Not used Not used Not used CKSRYB103K50 CEAT1R0M50	UDZS5.1B CCSQCH221J50 CKSRYB331K50 Not used Not used	UDZS5.1B CCSQCH221J50 CKSRYB331K50 Not used Not used	
	C145, C146, C169, C170, C181, C182 C157, C158 C191- C193 C252 C253- C256	Not used Not used CCSRCH101J50 Not used Not used	CCSRCH101J50 CCSQCH101J50 Not used CEAT470M25 CKSRYB103K50	CCSRCH101J50 CCSQCH101J50 Not used CEAT470M25 CKSRYB103K50	
	C291 C911 L101- L104 R111, R112 R115, R116	CEJA101M16 CKSRYB103K50 Not used RS1/10S0R0J RS1/10S331J	CEJQ101M16 Not used LCTA181J3225 RS1/10S101J RS1/10S122J	CEJQ101M16 Not used LCTA181J3225 RS1/10S101J RS1/10S122J	
	R129, R130, R139, R140 R203, R204 R131, R132 R133, R134 R135, R136, R934, R944- R946	RS1/10S104J RS1/10S104J RS1/16S474J RS1/16S471J RS1/16S102J	Not used Not used Not used Not used Not used	Not used Not used Not used Not used Not used	
	R990, R991 R211- R215, R252, R253 R251 R254 R255	RS1/10S102J Not used Not used Not used Not used	Not used RS1/16S104J RS1/16S474J RS1/16S102J RS1/16S393J	Not used RS1/16S104J RS1/16S474J RS1/16S102J RS1/16S393J	
	R921, R923 R922 R933 CN103 9P PLUG CN906 4P FFC CONNECTOR	Not used RS1/16S103J RS1/16S473J AKP7057 52045-0445	RS1/16S103J Not used Not used Not used Not used	RS1/16S103J RS1/16S103J Not used Not used Not used	

LF SP / PS ASSY

AWX7598 and AWX7571 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7571	AWX7598	
△	D3001, D3002 D3052, D3054, D3056, D3058, D3059 D3201 C3101- C3105 C3106- C3110	D5SBA20 Not used Not used CFTYA104J50 Not used	LN6SB60-4003 1SS133 MTZJ5.1B CFTYA224J50 CFTYA224J50	
	C3111- C3117 C3119 R3111 R3133, R3134 Heat Sink	CQHA102J2A Not used Not used Not used ANH1021	CKCYB332K2H CKPUYB221K50 RD1/4PU4R7J RS1LMF471J Not used	
	CN3002 6P PLUG CN3101 8P SPEAKER TERMINAL CN3102 6P SPEAKER TERMINAL	Not used AKE7058 AKE7060	KM200TA6 AKE7059 AKE7061	

VSX-D859TX, VSX-D859TXG

NF REGULATOR ASSY

AWX7806 and AWX7562 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7562	AWX7806	
△	D5009	D3SBA20(B)	LN4SB60-4003	

QF PRIMARY ASSY

AWX7608, AWX7596 and AWX7563 are constructed the same except for the following:

Mark	Symbol and Description	Part No.			Remarks
		AWX7563	AWX7608	AWX7596	
	C6011- C6013 R6001 R6003 T6001 J0032 J6001 6004 6001 H6003- H6006	Not used RCN1080 RD1/2VM101J ATT7043 Not used Not used AKP7136 Not used Not used	CCCSL101K2H Not used Not used ATT7041 D20PYY0330E DB640EB0 AKP7135 51048-0300 AKP7001	CCCSL101K2H Not used RD1/2VM101J ATT7040 D20PYY0330E Not used AKP7135 51048-0300 Not used	

S DISPLAY ASSY

AWX7606 and AWX7574 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7574	AWX7606	
	IC7051 Q7053 Q7054 D7054- D7057 C7053 R7056 R7057 R7058, R7061 CN7007 4P FFC CONNECTOR	TC7W53FU FMA1A DTC124EK 1SS355 CKSQYB153K50 RS1/10S223J RS1/10S392J RS1/10S103J 52045-0445	Not used Not used Not used Not used Not used Not used Not used Not used Not used	

YF DSP ASSY

AWX7595 and AWX7651 are constructed the same except for the following :

Mark	Symbol and Description	Part No.		Remarks
		AWX7561	AWX7595	
	IC9041 IC9071 IC9091 Q9001, Q9002, Q9004 - Q9006, Q9031 Q9003, Q9032 Q9007 D9001 D9002 F9001 L9003 L9001, L9071 L9091 JA9151 JA9152 C9001, C9014, C9054, C9056, C9070	Not used Not used Not used Not used Not used Not used Not used Not used Not used Not used Not used AKB7131 Not used Not used	NJM4558MD PM4007A LH52256CN-70LL 2SC3082K (NP) 2PD601A (QR) 2PB709A (QR) KV1851 1SS355 ATF7001 ATH7001 ATL7002 QTL1013 Not used AKB7132 CKSRYB103K50	

Mark	Symbol and Description	Part No.		Remarks
		AWX7561	AWX7595	
	C9020	Not used	CKSQYB103K50	
	C9002, C9003, C9006, C9010, C9011, C9017	Not used	CKSRYF104Z25	
	C9018, C9031, C9051, C9052, C9055, C9092	Not used	CKSRYF104Z25	
	C9072–C9075, C9078–C9081	Not used	CKSRYF104Z25	
	C9004, C9005, C9008, C9009, C9012, C9013	Not used	CKSQYF104Z25	
	C9015, C9020, C9032, C9043, C9058	Not used	CKSQYF104Z25	
	C9007	Not used	CCSRCH750J50	
	C9016	Not used	CEJQ470M25	
	C9019	Not used	CKSRYB473K16	
	C9033	Not used	CCSRCH101J50	
	C9041, C9042	Not used	CKSRYF105Z10	
	C9053	Not used	CEJQNP4R7M25	
	C9057	Not used	CCSRCH270J50	
	C9071	Not used	CEJQ101M10	
	C9076, C9077, C9082, C9083, C9084, C9085	Not used	CCSRCH471J50	
	C9093, C9087	Not used	CCSRCH471J50	
	C9086	Not used	CCSQCH471J50	
	C9091	Not used	CEJQ470M16	
	C9095	Not used	CCSQCH221J50	
	C9096	Not used	CEAT100M50	
	C9102, C9108, C9151, C9152, C9162	CEJA470M16	CEJQ101M16	
	C9111	CEJAR47M50	CEJQR47M50	
	C9117, C9120, C9562,	CEJA470M16	CEJQ470M16	
	C9123, C9125	CEJA1R0M50	CEJQ1R0M50	
	C9127	CEJA2R2M50	CEJQ2R2M50	
	C9203–C9207, C9603, C9604, C9615, C9616	CEJA4R7M50	CEJQ4R7M50	
	C9627, C9628, C9761, C9762, C9811, C9813	CEJA4R7M50	CEJQ4R7M50	
	C9501, C9516, C9551, C9740, C9801, C9802	CEJA101M10	CEJQ101M10	
	C9523, C9526, C9643, C9644, C9770	CEJA100M25	CEJQ100M25	
	C9529	CEJA2R2M50	CEJQ2R2M50	
	C9713, C9714, C9727, C9728, C9739, C9753	CEJA330M10	CEJQ330M10	
	C9754, C9765–C9769	CEJA330M10	CEJQ330M10	
	C9803, C9805	CEJA470M25	CEJQ470M25	
	C9812, C9814	CEJA101M10	CEJQ101M10	
	R9001	Not used	RS1/16S750J	
	R9002, R9010, R9011, R9018, R9038, R9054	Not used	RS1/16S103J	
	R9071, R9072, R9053	Not used	RS1/16S103J	
	R9003, R9019	Not used	RS1/16S512J	
	R9004, R9015, R9016, R9020	Not used	RS1/16S202J	
	R9005, R9006, R9014, R9021, R9022, R9025	Not used	RS1/16S102J	
	R9073	Not used	RS1/16S102J	
	R9007, R9023, R9033	Not used	RS1/16S220J	
	R9008, R9027, R9030	Not used	RS1/16S302J	
	R9009, R9074	Not used	RS1/16S221J	
	R9013, R9017, R9034	Not used	RS1/16S152J	
	R9024, R9026	Not used	RS1/16S332J	
	R9028, R9029	Not used	RS1/16S561J	
	R9031, R9032	Not used	RS1/16S333J	
	R9035	Not used	RS1/16S223J	
	R9037, R9039	Not used	RS1/16S274J	
	R9041	Not used	RS1/16S472J	
	R9042, R9044, R9062	Not used	RS1/16S392S	
	R9043	Not used	RS1/16S273J	
	R9046	Not used	RS1/16S104J	
	R9047	Not used	RS1/16S432J	
	R9051	Not used	RS1/16S393J	

Mark	Symbol and Description	Part No.		Remarks
		AWX7561	AWX7595	
A	R9052	Not used	RS1/16S243J	
	R9055	Not used	RS1/16S121J	
	R9056	Not used	RS1/16S683J	
	R9057- R9059	Not used	RS1/16S473J	
	R9061	Not used	RS1/16S471J	
	R9075, R9076	Not used	RS1/16S101J	
	R9095, R9096	Not used	RS1/16S0R0J	
	R9106	RS1/16S331J	RS1/16S101J	
	R9153	RS1/10S0R0J	RS1/10S104J	
	R9590	RS1/16S0R0J	RS1/16S331J	
	R9761	RS1/16S102J	Not used	
	X9001 CRYSTAL RESONATOR (18.432MHz)	Not used	ASS7009	

PCB PARTS LIST

Mark	No.	Description	Part No.
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QA P-SW ASSY (AWX7593)

SWITCHES AND RELAYS

S6801	ASG1035
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CAPACITORS

C6801, C6802	CGCYX103K25
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OTHERS

CN6801 3P JUMPER CONNECTOR	52151-0310
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QB VOL-SEL ASSY (AWX7609)/BXJ1

SWITCHES AND RELAYS

S6701	AKX1033
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Mark	No.	Description	Part No.
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Z FAN DRIVER ASSY (AWX7599)

SEMICONDUCTORS

IC3501	AEK7010
Q3501	KRA103M
Q3502	KRC103M
Q3503	2SC4793
D3504	MTZJ12C
D3503	MTZJ27D
D3501, D3502	S5688G

CAPACITORS

C3501	CEAT471M35
C3502	CEAT1R0M50
C3503	CKCYF103Z50
C3504	CEANP471M25
C3505	CEAT100M50

RESISTORS

Other Resistors	RD1/4PU□□□□
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OTHERS

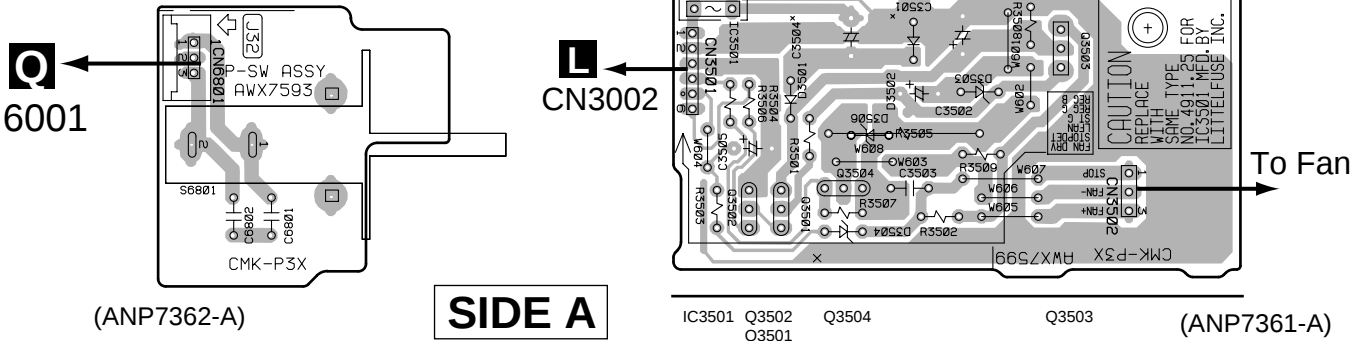
CN3502 3P PLUG	KM250MA3L
CN3501 6P SOCKET	KP200TA6L

2. PCB CONNECTION DIAGRAM

2.1 P- SW and FAN DRIVER ASSYS

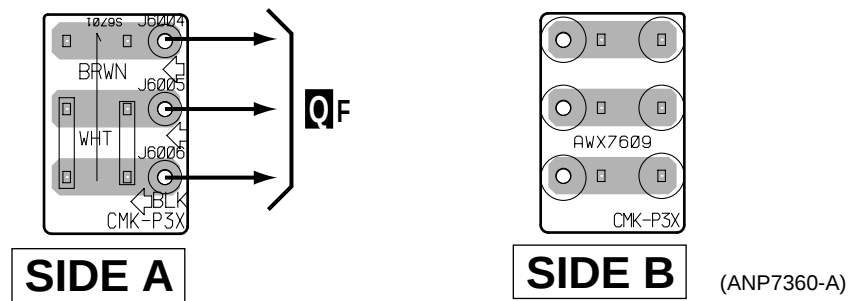
QA P-SW ASSY

Z FAN DRIVER ASSY



2.2 TRANS 2-1, TRANS 2-2, VOL-SEL and TRANS 1 ASSYS

QB VOL-SEL ASSY (VSX-D859TX/BXJI Only)



● Line Voltage Selection

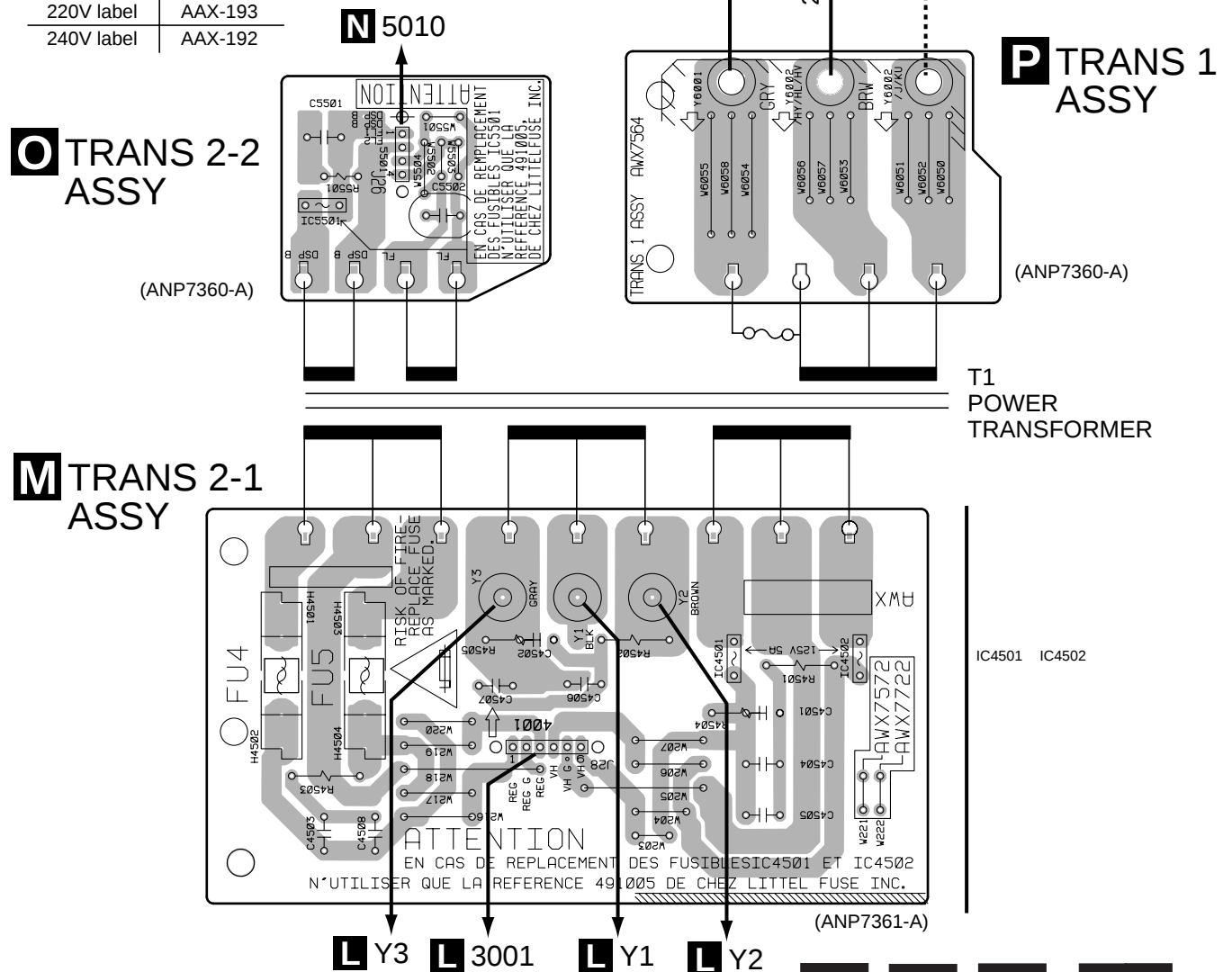
Line Voltage can be changed by the following modification:

1. Disconnect the AC power cord.
2. Remove the cover.
3. Change the connection wire from TRANS 1 ASSY (Terminal No. Y6002) to AMP ASSY (Terminal No. Y6002) as follows.

Voltage	Terminal No. of TRANS 1 ASSY
220-230V	Y6002/HY/HL/HV
240V	Y6002/J/KU

4. Stick a line voltage label on the rear panel.

Description	Part No.
220V label	AAX-193
240V label	AAX-192



3. SCHEMATIC DIAGRAM

3.1 FM/AM TUNER UNIT

AF FM/AM TUNER UNIT (AXQ7232)

