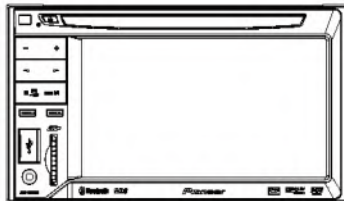


Pioneer

Service Manual



AVH-3200BT/XNEW5

ORDER NO.
CRT4520

DVD RDS AV RECEIVER

AVH-3200BT /XNEW5

AVH-P3200BT /XNUW5

AVH-3200DVD /XNEW5

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

Model No.	Order No.	Mech.Module	Remarks
CX-3250	CRT4300	LS1	DVD Mech. Module : Circuit Descriptions, Mech. Descriptions, Disassembly



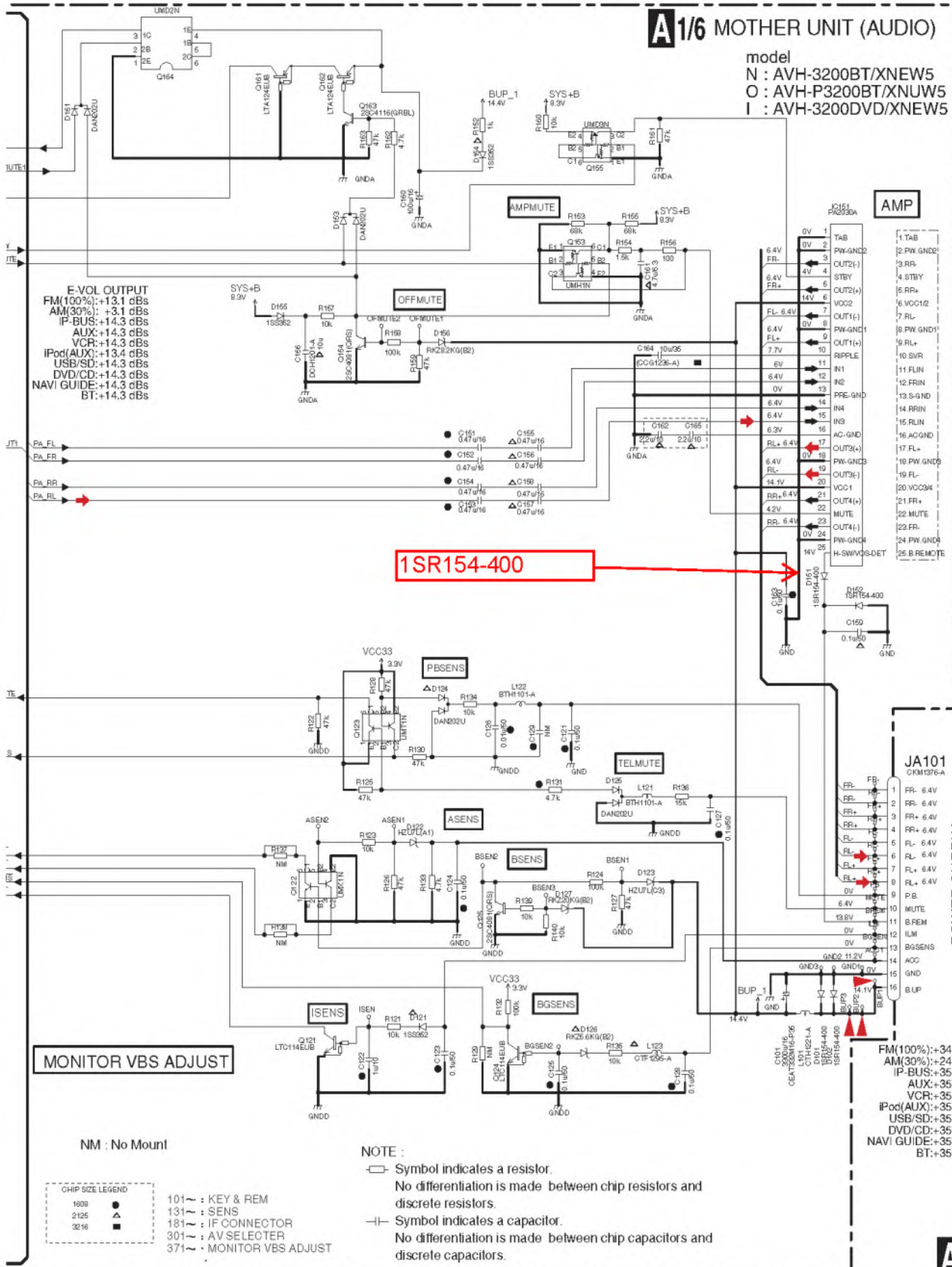
For details, refer to "Important Check Points for Good Servicing".

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A1/6 MOTHER UNIT (AUDIO)

model
N : AVH-3200BT/XNEW5
O : AVH-P3200BT/XNUW5
I : AVH-3200DVD/XNEW5



A1/6

5	6	7	8
<u>Circuit Symbol and No.</u>	<u>Part No.</u>	<u>Circuit Symbol and No.</u>	<u>Part No.</u>
Q 364 (A,83,104) Transistor	UMF23N	D 1622 (B,109,73) Diode	RB551V-30
Q 365 (A,88,100) Transistor	LTA114EUB	D 1741 (B,151,23) Diode	1SR154-400
Q 366 (A,92,100) Transistor	2SD2114K	D 1771 (B,30,51) Diode	1SR154-400
Q 403 (B,155,37) Transistor	UMH1N		
Q 404 (B,150,47) Transistor	UMH1N	D 1781 (B,27,51) Diode(N,O)	1SR154-400
		L 101 (A,31,96) Choke Coil 600 uH	CTH1221
Q 561 (A,135,111) Transistor	RT3C99M	L 121 (B,25,87) Chip Coil	BTH1101
Q 562 (A,144,111) Transistor	RT3C99M	L 122 (B,25,97) Chip Coil	BTH1101
Q 563 (A,153,111) Transistor	RT3C99M	L 123 (B,24,102) Inductor	CTF1295
Q 581 (B,25,105) Transistor(O)	LSA1576UB		
Q 601 (B,126,36) Transistor	LSC4081UB	L 401 (A,151,57) Chip Coil	BTH1100
		L 402 (A,145,78) Chip Coil	BTH1100
Q 751 (B,90,70) Transistor	UMD3N	L 403 (B,167,84) Chip Coil	BTH1104
Q 752 (B,85,71) Transistor	RT3C99M	L 541 (B,33,34) Inductor	CTF1713
Q 941 (B,92,57) Transistor	UMD3N	L 581 (A,30,106) Inductor(O)	CTF1389
Q 942 (B,98,58) Transistor	RT3C99M		
Q 951 (A,97,26) Transistor	UMD22N	L 582 (B,21,106) Inductor(O)	CTF1379
		L 601 (B,123,43) Inductor	CTF1346
Q 981 (B,107,44) Transistor	FMG12	L 602 (B,139,44) Inductor	CTF1346
Q 982 (B,113,35) Transistor	UMF5N	L 603 (B,139,54) Inductor	CTF1346
Q 983 (B,107,35) Transistor	UMF5N	L 604 (B,123,62) Inductor	CTF1346
Q 1001 (B,17,66) Transistor	2SB1184F5		
Q 1002 (A,11,74) Transistor	2SD1664	L 605 (B,120,54) Inductor	CTF1346
		L 801 (A,49,42) Inductor	CTF1743
Q 1501 (A,45,81) FET	HAT2210RJ	L 802 (A,54,23) Inductor	CTF1778
Q 1502 (A,45,64) FET	HAT2210RJ	L 921 (B,68,45) Inductor	CTF1473
Q 1621 (B,104,72) Transistor	LSC4081UB	L 922 (B,66,52) Inductor	CTF1473
Q 1622 (B,110,70) FET	RSF014N03		
Q 1623 (A,120,72) Transistor	LTC143EUB	L 923 (B,55,21) Inductor	CTF1473
		L 981 (B,116,34) Inductor	CTF1473
D 101 (B,39,98) Diode	1SR154-400	L 1501 (A,57,83) Choke Coil 6.8 uH	CTH1434
D 102 (B,39,101) Diode	1SR154-400	L 1502 (A,54,65) Inductor	CTH1253
D 121 (B,47,102) Diode	1SS352	L 1503 (A,48,87) Inductor	CTF1661
D 122 (B,39,88) Diode	HZU7L(A1)		
D 123 (B,38,95) Diode	HZU7L(C3)	L 1504 (A,50,83) Inductor	CTF1661
		L 1505 (A,46,69) Inductor	CTF1661
D 124 (B,21,95) Diode	DAN202U	L 1506 (A,44,58) Inductor	CTF1661
D 125 (B,25,91) Diode	DAN202U	L 1507 (A,25,83) Choke Coil 10 uH	CTH1446
D 126 (B,20,100) Diode	RKZ5.6KG(B2)	L 1621 (A,114,71) Inductor	ATH7061
D 127 (B,38,93) Diode	RKZ20KG(B2)		
D 151 (B,58,101) Diode	1SR154-400	L 1661 (A,162,13) Inductor	CTH1262
		L 1712 (A,84,62) Inductor	CTF1629
D 152 (B,65,101) Diode	1SR154-400	X 601 (A,126,33) Oscillator 3.93 216 MHz	CSS1790
D 153 (A,101,105) Diode	DAN202U	X 801 (A,56,57) Oscillator 25.000 MHz	CSS1791
D 154 (A,80,110) Diode	1SS352	X 802 (A,75,18) Oscillator	CSS1793
D 155 (B,75,99) Diode	1SS352		
D 156 (B,74,106) Diode	RKZ8.2KG(B2)	P 401 (B,169,82) Surge Protector	IMSA-6802-01Y900
		△P521 (A,78,98) Poly Switch	MINISMDC075F/24
D 161 (A,98,95) Diode	DAN202U	△P561 (A,104,111) Poly Switch	MINISMDC075F/24
D 301 (B,92,75) Diode	RKZ2.4KG(B)	△P564 (A,157,104) Poly Switch	MINISMDC075F/24
D 361 (A,78,101) Diode	RKZ3.9KG(B2)	△P1501 (B,26,77) Fuse 6.3 A	CEK1262
D 542 (B,52,15) Diode	DZ2S068C	△P1611 (A,72,60) Fuse 2.5 A	CEK1285
D 561 (A,121,114) Diode	DZ2S068C	△P1651 (A,155,19) Fuse 1.5 A	CEK1282
D 562 (A,114,113) Diode	DZ2S068C	△P1711 (A,71,69) Fuse 1.25 A	CEK1281
D 563 (A,127,114) Diode	DZ2S068C	△P1721 (A,73,55) Fuse 2 A	CEK1284
D 564 (B,106,110) Diode	DZ2S068C	△P1731 (A,144,11) Fuse 1.75 A	CEK1283
D 581 (A,32,106) Diode(O)	DZ2S068C	CN511 (A,87,8) Connector	DKN1385
D 601 (B,127,46) Diode	1SS352	CN521 (A,86,90) Connector	CKS6051
D 602 (B,121,49) Diode	RB751V-40	CN541 (A,54,9) Connector	CKS3861
D 603 (B,117,49) Diode	RB501V-40	CN751 (A,79,69) Connector	CKS3871
D 981 (B,111,44) Diode	1SS352	CN795 (A,25,36) Connector	CKS6184
D 1001 (A,12,67) Diode	1SR154-400	JA101 (A,51,116) Plug	CKM1376
D 1002 (A,11,70) Diode	RKZ18KG(B2)	JA402 (A,165,109) Antenna Jack	CKX1070
D 1501 (B,49,79) Diode	RB551V-30	JA561 (A,115,120) Pin Jack	CKB1085
D 1502 (B,44,59) Diode	RB551V-30	JA562 (A,144,118) Pin Jack	XKB7001
D 1503 (A,34,87) Diode	RB050LA-30	JA581 (A,31,116) Jack(O)	CKN1042
D 1504 (A,34,84) Diode	RB050LA-30	FM/AM Tuner Unit	CWE2097
D 1621 (B,102,70) Diode	HZU13(B1)		