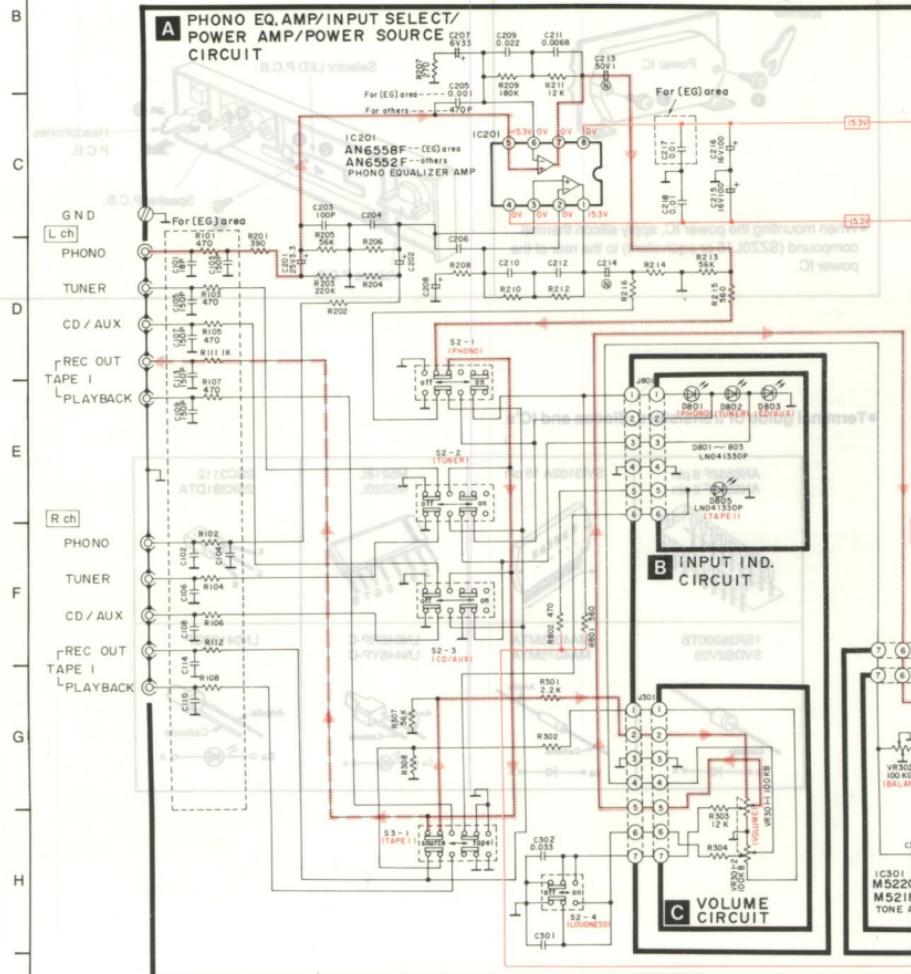


A	How to remove the PCB.	Part No.	How to remove the PCB.	Part No.	How to remove the PCB.
	1. Remove anti theft screw (①). 2. Remove anti theft PCB, aluminum switch, aluminum PCB, plastic PCB, thin aluminum PCB, in this order to the bottom.		3. Remove anti theft PCB. 4. Remove anti theft PCB, aluminum switch, aluminum PCB, plastic PCB, thin aluminum PCB, in this order to the bottom.		5. Remove anti theft PCB.
	① Remove anti theft screw (①). ② Remove anti theft PCB, aluminum switch, aluminum PCB, plastic PCB, thin aluminum PCB, in this order to the bottom.		③ Remove anti theft PCB. ④ Remove anti theft PCB, aluminum switch, aluminum PCB, plastic PCB, thin aluminum PCB, in this order to the bottom.		⑤ Remove anti theft PCB.



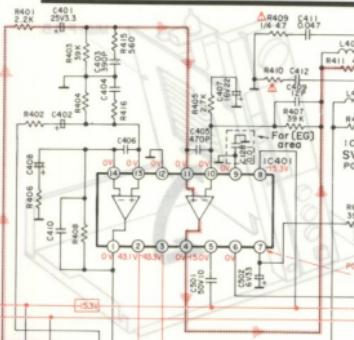
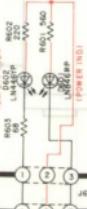
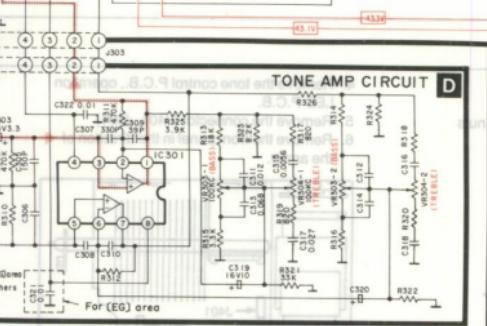
How to remove the left main P.C.B.

Ref. No. 1

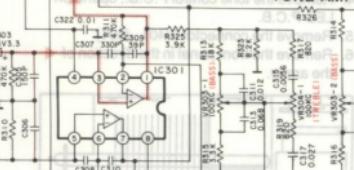
Procedure

1. Remove left P.C.B.

5. Remove left power switch and power cord.
6. Remove left speaker.
7. Remove left P.C.B.

**E LED CIRCUIT**0602 2SK381
LED DRIVE0601 1N4007
24V0602 2N2222
0.7V0603 2SC3312
LED DRIVE**TONE AMP CIRCUIT D**

For (EG) area



For (EG) area

301 5220L-(EG-area)
5218L-(others)

TONE AMP

F SPEAKER SW.

SPEAKERS

54-1 (MAIN)

54-2 (REMOTE)

54-3 (SUB)

54-4 (TONE)

54-5 (BALANCE)

54-6 (VOLUME)

54-7 (BASS)

54-8 (TREBLE)

54-9 (MID)

54-10 (FADER)

54-11 (TONE)

54-12 (BALANCE)

54-13 (VOLUME)

54-14 (BASS)

54-15 (TREBLE)

54-16 (MID)

54-17 (FADER)

54-18 (TONE)

54-19 (BALANCE)

54-20 (VOLUME)

54-21 (BASS)

54-22 (TREBLE)

54-23 (MID)

54-24 (FADER)

54-25 (TONE)

54-26 (BALANCE)

54-27 (VOLUME)

54-28 (BASS)

54-29 (TREBLE)

54-30 (MID)

54-31 (FADER)

54-32 (TONE)

54-33 (BALANCE)

54-34 (VOLUME)

54-35 (BASS)

54-36 (TREBLE)

54-37 (MID)

54-38 (FADER)

54-39 (TONE)

54-40 (BALANCE)

54-41 (VOLUME)

54-42 (BASS)

54-43 (TREBLE)

54-44 (MID)

54-45 (FADER)

54-46 (TONE)

54-47 (BALANCE)

54-48 (VOLUME)

54-49 (BASS)

54-50 (TREBLE)

54-51 (MID)

54-52 (FADER)

54-53 (TONE)

54-54 (BALANCE)

54-55 (VOLUME)

54-56 (BASS)

54-57 (TREBLE)

54-58 (MID)

54-59 (FADER)

54-60 (TONE)

54-61 (BALANCE)

54-62 (VOLUME)

54-63 (BASS)

54-64 (TREBLE)

54-65 (MID)

54-66 (FADER)

54-67 (TONE)

54-68 (BALANCE)

54-69 (VOLUME)

54-70 (BASS)

54-71 (TREBLE)

54-72 (MID)

54-73 (FADER)

54-74 (TONE)

54-75 (BALANCE)

54-76 (VOLUME)

54-77 (BASS)

54-78 (TREBLE)

54-79 (MID)

54-80 (FADER)

54-81 (TONE)

54-82 (BALANCE)

54-83 (VOLUME)

54-84 (BASS)

54-85 (TREBLE)

54-86 (MID)

54-87 (FADER)

54-88 (TONE)

54-89 (BALANCE)

54-90 (VOLUME)

54-91 (BASS)

54-92 (TREBLE)

54-93 (MID)

54-94 (FADER)

54-95 (TONE)

54-96 (BALANCE)

54-97 (VOLUME)

54-98 (BASS)

54-99 (TREBLE)

54-100 (MID)

54-101 (FADER)

54-102 (TONE)

54-103 (BALANCE)

54-104 (VOLUME)

54-105 (BASS)

54-106 (TREBLE)

54-107 (MID)

54-108 (FADER)

54-109 (TONE)

54-110 (BALANCE)

54-111 (VOLUME)

54-112 (BASS)

54-113 (TREBLE)

54-114 (MID)

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54-137 (TONE)

54-138 (BALANCE)

54-139 (VOLUME)

54-140 (BASS)

54-141 (TREBLE)

54-142 (MID)

54-143 (FADER)

54-144 (TONE)

54-145 (BALANCE)

54-146 (VOLUME)

54-147 (BASS)

54-148 (TREBLE)

54-149 (MID)

54-150 (FADER)

54-151 (TONE)

54-152 (BALANCE)

54-153 (VOLUME)

54-154 (BASS)

54-155 (TREBLE)

54-156 (MID)

54-157 (FADER)

54-158 (TONE)

54-159 (BALANCE)

54-160 (VOLUME)

54-161 (BASS)

54-162 (TREBLE)

54-163 (MID)

54-164 (FADER)

54-165 (TONE)

54-166 (BALANCE)

54-167 (VOLUME)

54-168 (BASS)

54-169 (TREBLE)

54-170 (MID)

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54-172 (TONE)

54-173 (BALANCE)

54-174 (VOLUME)

54-175 (BASS)

54-176 (TREBLE)

54-177 (MID)

54-178 (FADER)

54-179 (TONE)

54-180 (BALANCE)

54-181 (VOLUME)

54-182 (BASS)

54-183 (TREBLE)

54-184 (MID)

54-185 (FADER)

54-186 (TONE)

54-187 (BALANCE)

54-188 (VOLUME)

54-189 (BASS)

54-190 (TREBLE)

54-191 (MID)

54-192 (FADER)

54-193 (TONE)

54-194 (BALANCE)

54-195 (VOLUME)

54-196 (BASS)

54-197 (TREBLE)

54-198 (MID)

54-199 (FADER)

54-200 (TONE)

54-201 (BALANCE)

54-202 (VOLUME)

54-203 (BASS)

54-204 (TREBLE)

54-205 (MID)

54-206 (FADER)

54-207 (TONE)

54-208 (BALANCE)

54-209 (VOLUME)

54-210 (BASS)

54-211 (TREBLE)

54-212 (MID)

54-213 (FADER)

54-214 (TONE)

54-215 (BALANCE)

54-216 (VOLUME)

54-217 (BASS)

54-218 (TREBLE)

54-219 (MID)

54-220 (FADER)

54-221 (TONE)

54-222 (BALANCE)

54-223 (VOLUME)

54-224 (BASS)

54-225 (TREBLE)

54-226 (MID)

54-227 (FADER)

54-228 (TONE)

54-229 (BALANCE)

54-230 (VOLUME)

54-231 (BASS)

54-232 (TREBLE)

54-233 (MID)

54-234 (FADER)

54-235 (TONE)

54-236 (BALANCE)

54-237 (VOLUME)

54-238 (BASS)

54-239 (TREBLE)

54-240 (MID)

54-241 (FADER)

54-242 (TONE)

54-243 (BALANCE)

54-244 (VOLUME)

54-245 (BASS)

54-246 (TREBLE)

54-247 (MID)

54-248 (FADER)

54-249 (TONE)

54-250 (BALANCE)

54-251 (VOLUME)

54-252 (BASS)

54-253 (TREBLE)

54-254 (MID)

54-255 (FADER)

54-256 (TONE)

54-257 (BALANCE)

54-258 (VOLUME)

54-259 (BASS)

54-260 (TREBLE)

54-261 (MID)

54-262 (FADER)

54-263 (TONE)

54-264 (BALANCE)

54-265 (VOLUME)

54-266 (BASS)

54-267 (TREBLE)

54-268 (MID)

54-269 (FADER)

54-270 (TONE)

54-271 (BALANCE)

54-272 (VOLUME)

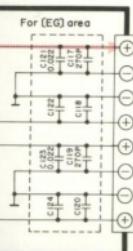
54-273 (BASS)

■ SCHEMATIC DIAGRAM

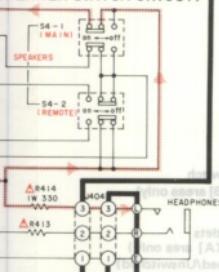
(This schematic diagram may be modified at any time with the development of new technology.)

Notes:

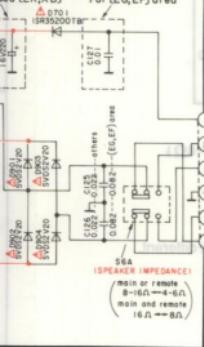
1. S1: Power switch in "on" position.
2. S2-1~S2-3: Input selector switch in "phono" position.
S2-1: phone S2-2: tuner
S2-3: CD/AUX
3. S2-4: Loudness switch in "off" position.
4. S3-1: Tape monitor switch in "source" position.
5. S4-1: Main speaker switch in "on" position.
6. S4-2: Remote speaker switch "off" position.
7. S6A: Impedance selector switch in "8~16Ω" position.
8. S6B: Voltage selector in "240 V" position.
(For [XA] and [XB] areas only)
9. Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
10. Phono signal line (Lch)
Rec out signal line (Lch)
Positive and negative voltage lines
11. Important safety notice:
Components identified by **△** mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.



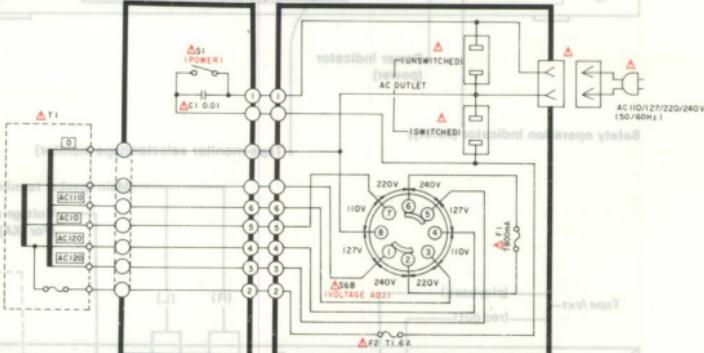
SPEAKER SWITCH CIRCUIT



For (EG,EF) area



Power Source For (XA,XB) area



G POWER SWITCH CIRCUIT

AC 240V (EK, KL area)
AC 220V (Continental Europe)
150/60Hz