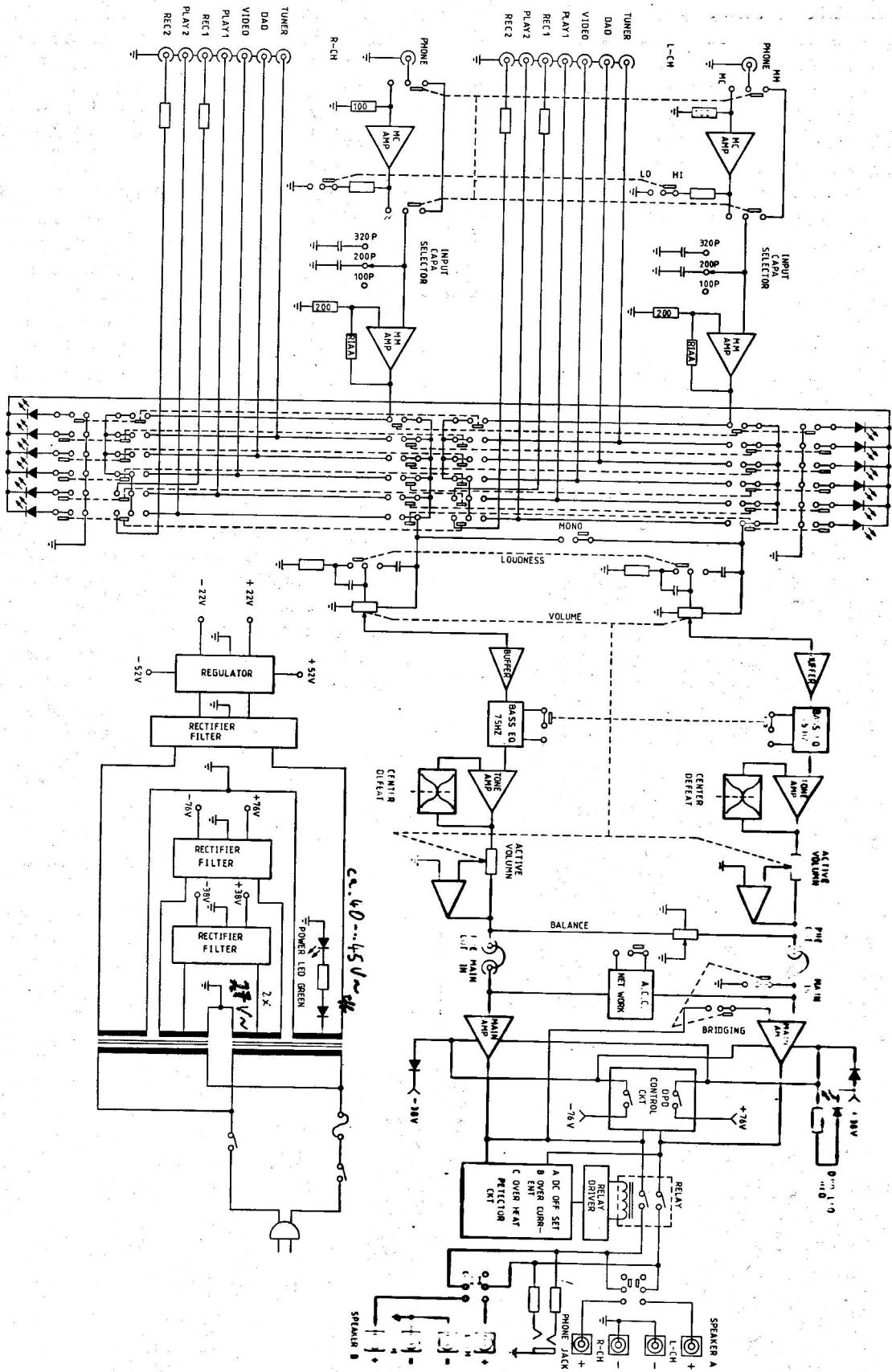
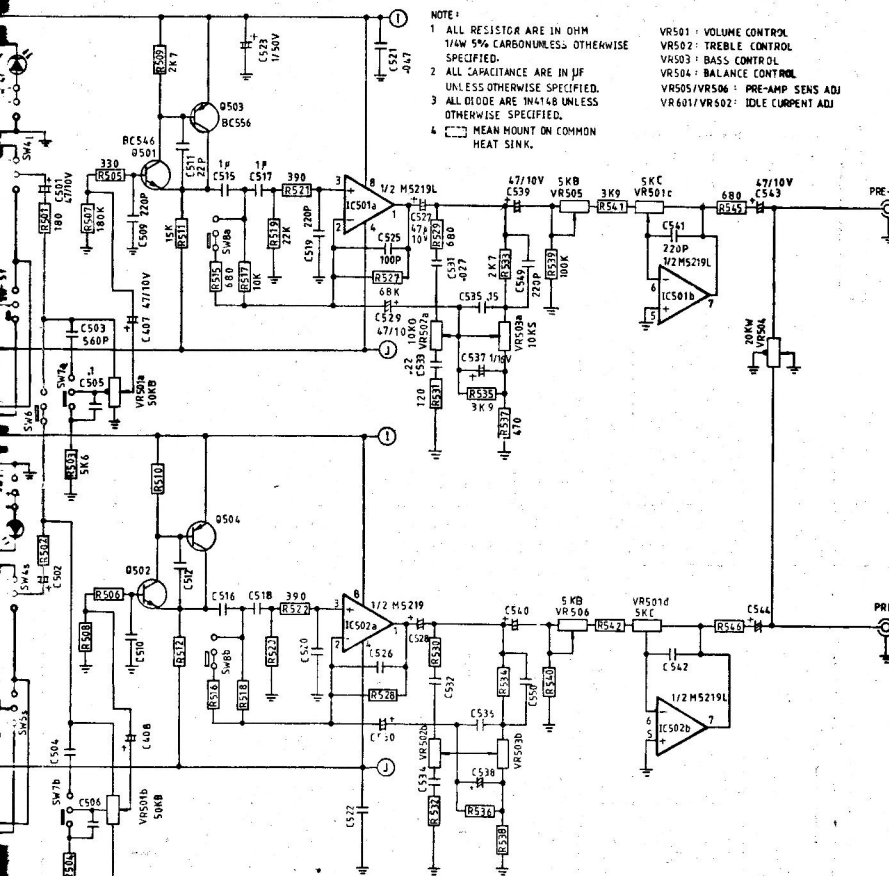


# BLOCK DIAGRAM



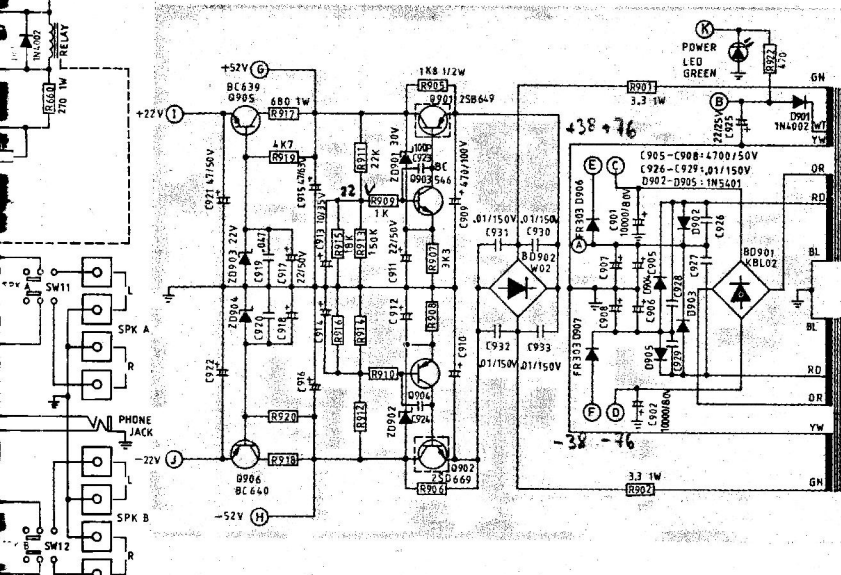
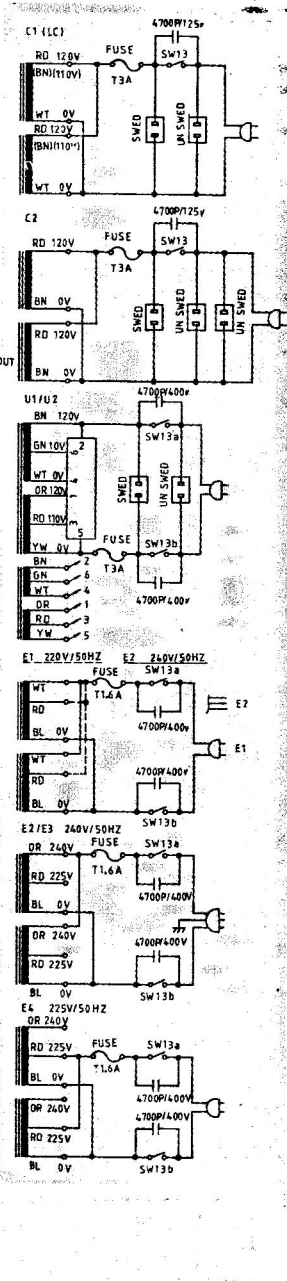
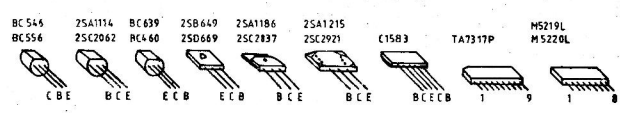




NOTE:  
 1 ALL RESISTOR ARE IN OHM  
 1/4W 5% CARBON/LESS OTHERWISE  
 SPECIFIED.  
 2 ALL CAPACITANCE ARE IN UF  
 UNLESS OTHERWISE SPECIFIED.  
 3 ALL DIODE ARE 1N4148 UNLESS  
 OTHERWISE SPECIFIED.  
 4 HEAN MOUNT ON COMMON  
 HEAT SINK.

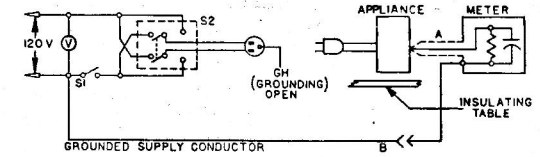
VR501 - VOLUME CONTROL  
 VR502 - TREBLE CONTROL  
 VR503 - BASS CONTROL  
 VR504 - BALANCE CONTROL  
 VR505/VR506 - PRE-AMP SENS ADJ  
 VR601/VR602 - IDLE CURRENT ADJ

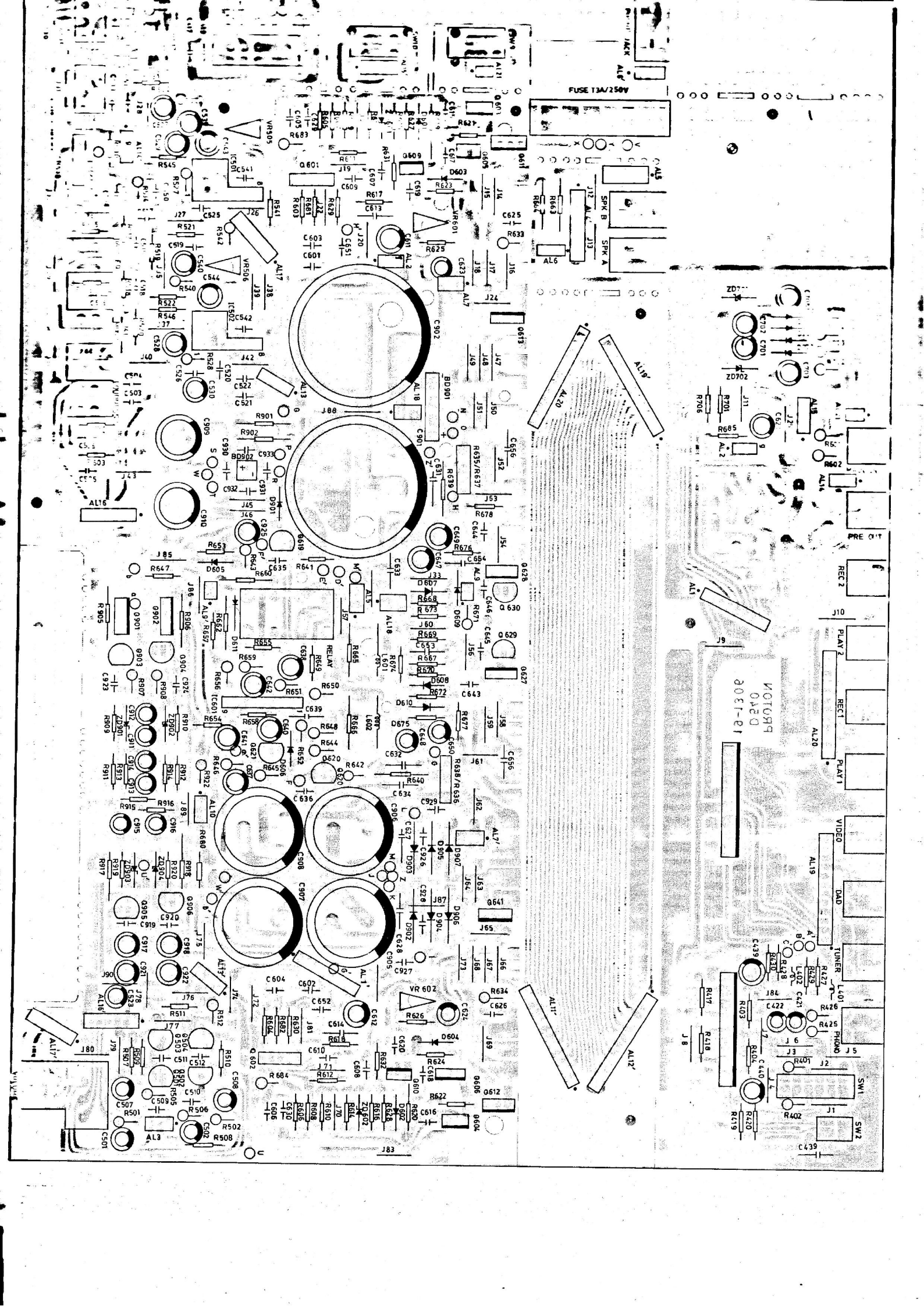
SW1 - MC/MM SELECTOR  
 SW2 - MC HI/LO SELECTOR  
 SW3 - INPUT CAPACITANCE SELECTOR  
 SW4 - INPUT SOURCE SELECTOR  
 SW5 - RECORD SOURCE SELECTOR  
 SW6 - MONO/STEREO SELECTOR  
 SW7 - LOUDNESS  
 SW8 - BASS EQ  
 SW9 - A.T.C.  
 SW10 - BRIDGING  
 SW11 - SPK A  
 SW12 - SPK B  
 SW13 - POWER

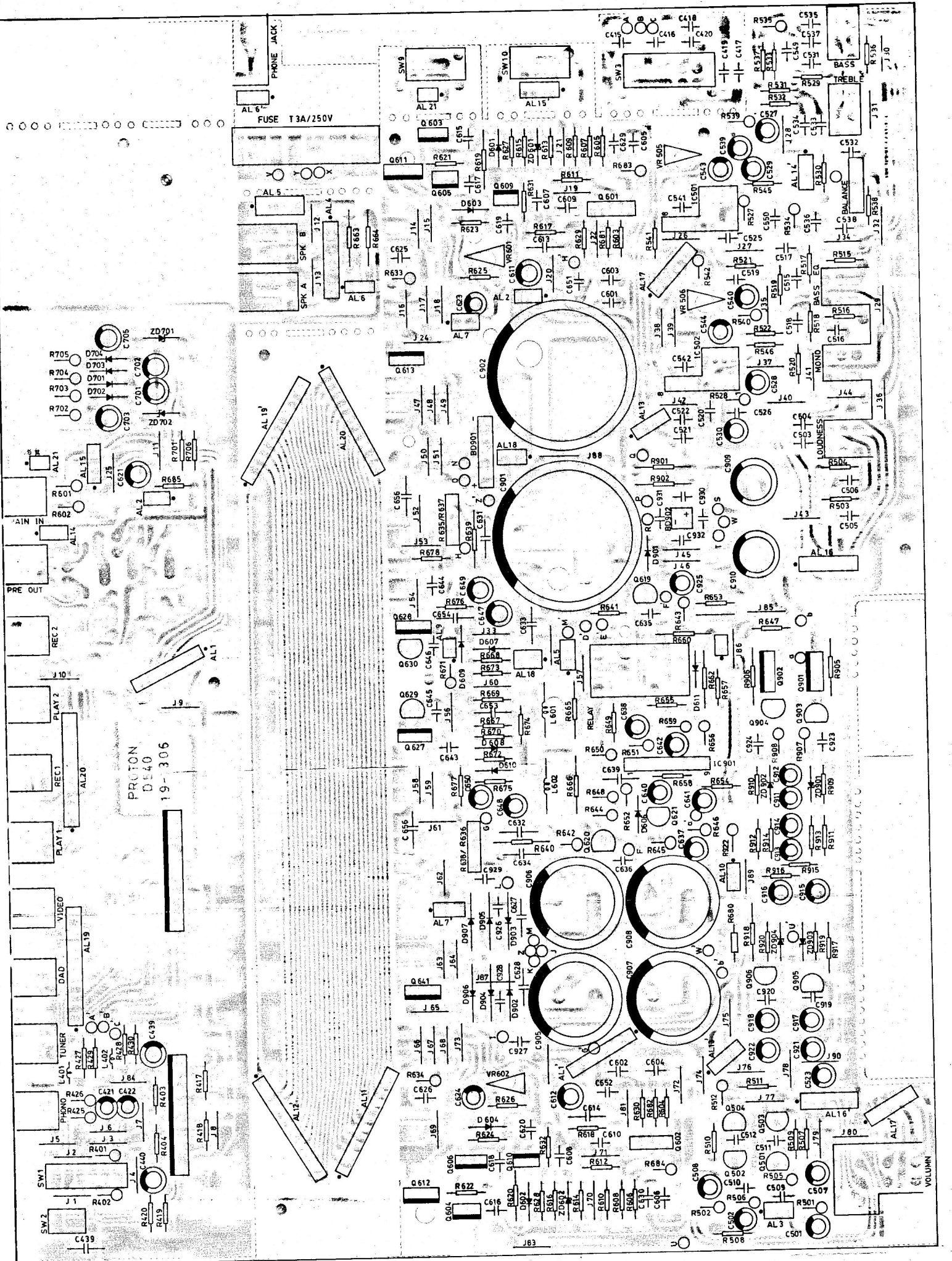


SERVICE SAFETY INFORMATION

- \*The components that are identified by shading on the schematic diagram and by shading/mark  $\Delta$  on the parts list are used to prevent shock, fire hazard and excessive X-radiation.
- \*All of these critical components must be replaced only with the same type identical to those in the schematic diagram and parts list.
- \*Make appropriate leakage current or resistance measurements to determine that exposed parts are properly insulated from the supply circuit, the leakage current at any accessible part shall be less than 0.5mA, and the measurement circuit is to be as shown below.







PROTON  
DE40  
19-306

VOLUME