



- NOTES:**
1. ALL CAPACITANCE VALUES LESS THAN 1 ARE IN MFD, AND VALUES GREATER THAN 1 ARE IN MMFD, WHILE ALL RESISTANCE VALUES ARE IN OHMS 1/2 WATT, UNLESS OTHERWISE SPECIFIED.
 2. DC VOLTAGES MEASURED FROM B- USING VTVM.
 3. AMPLOK CONNECTORS VIEWED FROM CONTACT END
 4. REAR SECTIONS OF ALL CONTROLS ARE RIGHT CHANNEL.
 5. ASTERISK (*) MEANS THIS COLOR USED ON EARLY PRODUCTION UNITS ONLY.

SERVICING CONSIDERATIONS

Phasing

Stereo sound systems require that the speaker systems be properly phased. Incorrect phasing causes unrealistic blending of the sound from the two speaker systems.

Correct phasing of all audio transformers, in accordance with color coding shown in schematic is essential. Each speaker is coded with a dot on one terminal. The striped speaker leads must go to the speaker terminals marked with a color dot.

To check phasing, place a monaural recording on the record changer and set the amplifier to reproduce a stereo recording. Set the loudness and balance controls for equal volume from each unit (balanced). If the speakers are properly phased, the sound will seem to come from a point between the two speaker systems. If the speakers are not properly phased, the sound will seem to be coming from the sides, or alternately from one side and then from the other. Usually less bass will be heard with incorrect phasing. Reversing the leads to one of the speaker systems or to one pair (left or right) of cartridge terminals, will phase the units correctly and correct these conditions.

POWER CORD POLARITY

To remove the possibility of hum due to incorrect power plug polarity, try reversing this plug while the Bass and Loudness controls are set at maximum. Leave the plug in the minimum hum position. Always check the AC power plug polarity first when servicing a hum problem.

CHASSIS REMOVAL

1. Remove control knobs.
2. Disconnect Amp-Lok type plug from record changer.
3. Remove phono plugs from record changer noting color of cables and their respective jacks.
4. Disconnect speaker leads noting connections with regard to lead color and speaker phasing dots.
5. Remove two nuts securing left speaker baffle and remove baffle.
6. Remove four nuts securing chassis and remove chassis. NOTE: Be sure during chassis installation that phono cables to changer and leads to speakers are properly phased (refer to schematic diagram for speaker lead color coding).

Cartridge terminal wiring

