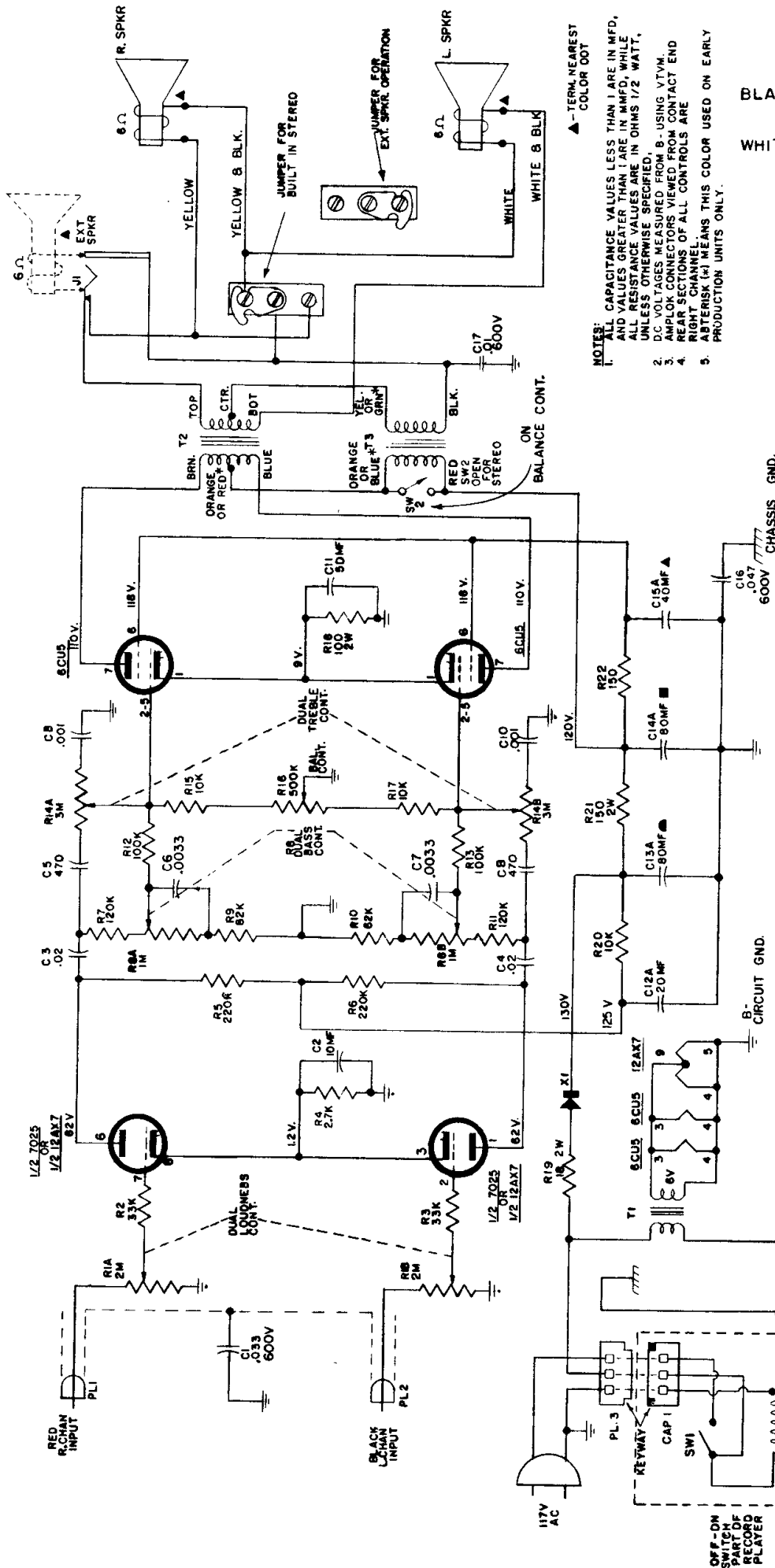
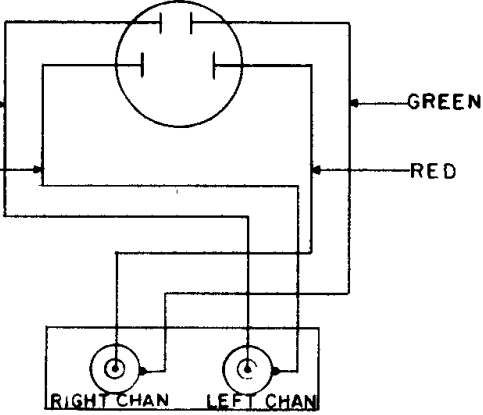


# WESTINGHOUSE Chassis V-2507-1

Models H-60ACS1, H-60ACS2, H-60ACS3, H-F1000, H-F1001, H-F1002, H-F1003



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 RIGHT CHANNEL.  
4. ABBREVIATION (H) MEANS THIS COLOR USED ON EARLY PRODUCTION UNITS ONLY.  
5. ABBREVIATION (H) MEANS THIS COLOR USED ON EARLY PRODUCTION UNITS ONLY.



Cartridge terminal wiring

## 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).

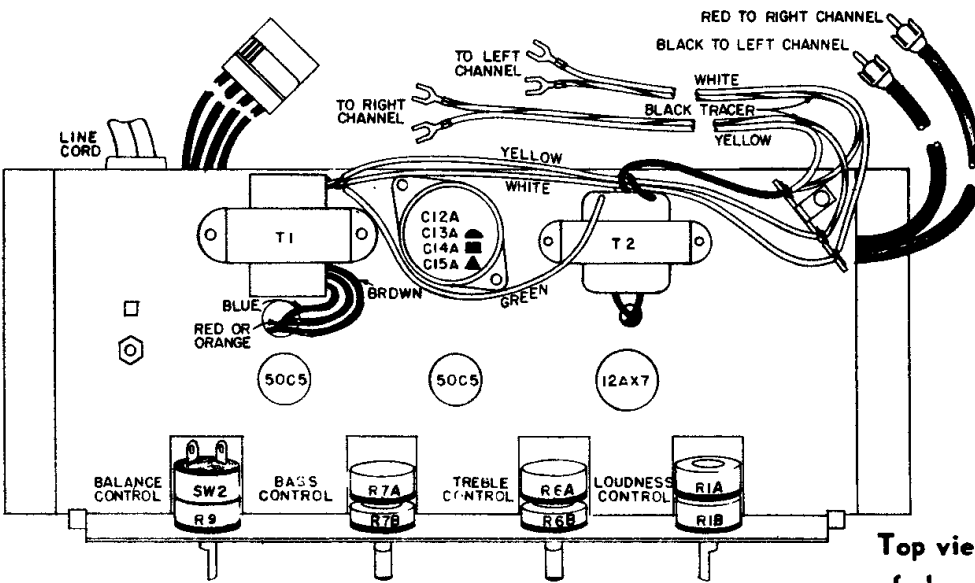


# MODELS

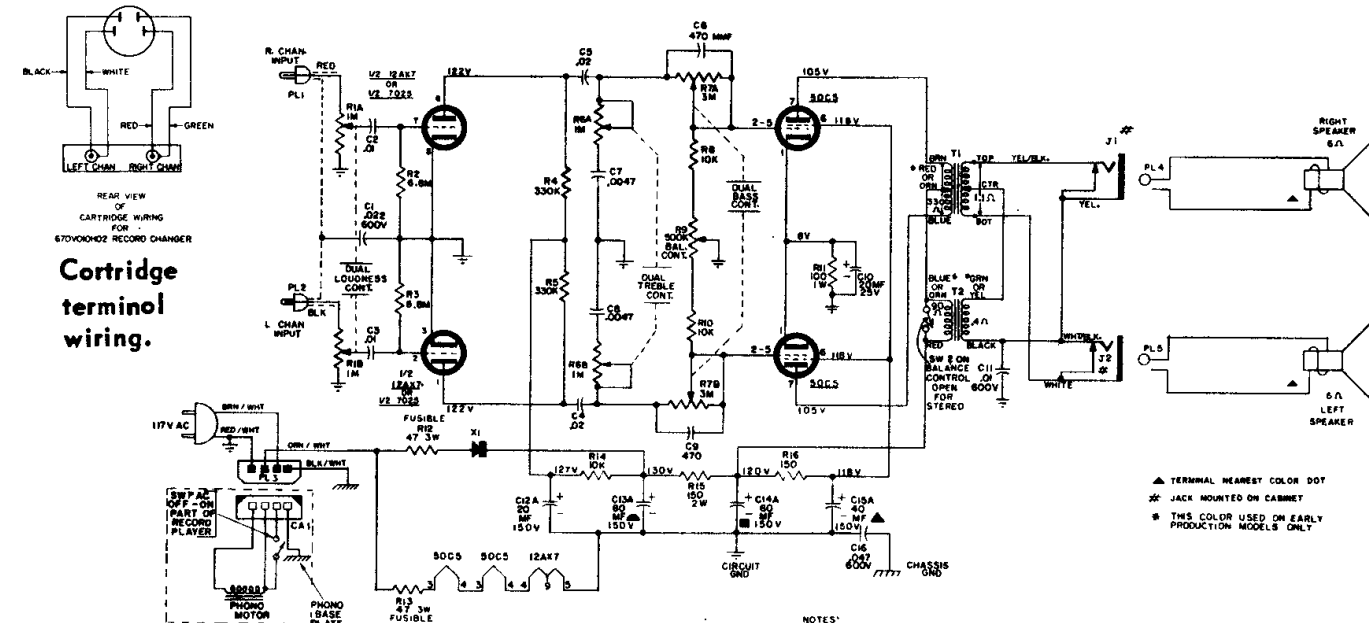
**H-56ACS2** Charcoal Gray

<b>H-56ACS1</b>	<i>Saddle Tan</i>
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## CHASSIS V-2507-2



**Top view  
of chassis,**



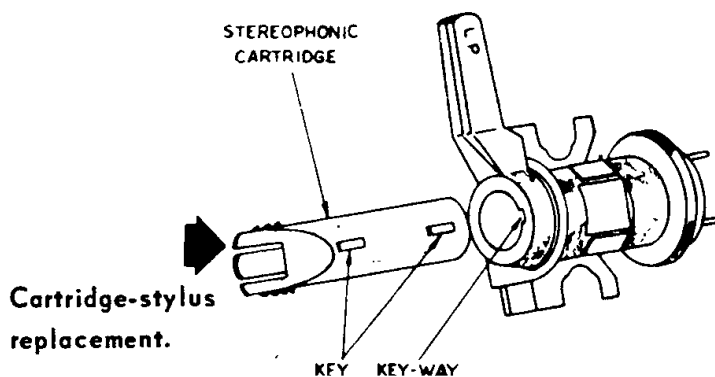
NOTES:  
1. DC VOLTAGES MEASURED FROM CIRCUIT GROUND USING A VTVM, LOUDNESS CONTROL AT MINIMUM.  
2. ALL CAPACITANCE VALUES ARE IN MFD, AND ALL RESISTANCE VALUES IN OHM, 1/2 WATT, UNLESS OTHERWISE SPECIFIED.

## CHASSIS REMOVAL

1. Remove control knobs. Remove the perforated tube-service cover which is attached to the cabinet by 2 phillips screws.
2. Remove the 4 phillips screws holding the motorboard. Lift the motorboard.
3. Note the color and location of the two coax cables connecting to the record changer. Disconnect the amp-lok plug and the two coax cable plugs from the record changer.
4. Remove the 4 speed nuts holding the chassis to the cabinet front. Remove screws holding the two External Speaker sockets.

## PHASING

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.

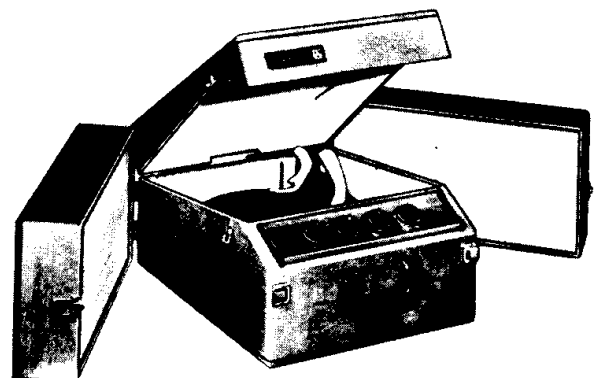


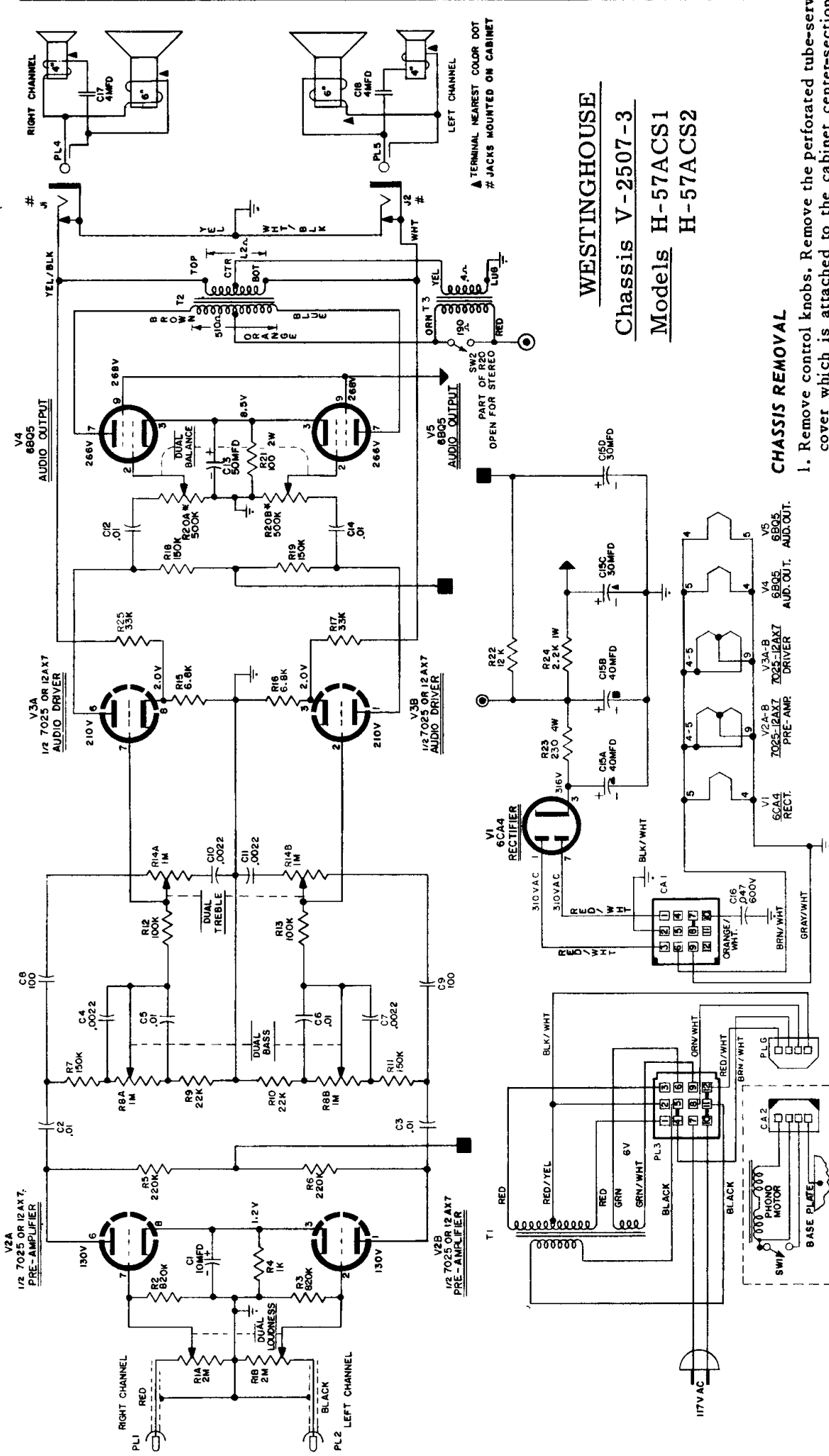
## CARTRIDGE AND STYLUS REPLACEMENT

The cartridge and styli are constructed as an integrated plug-in unit. To replace cartridge, lift tone arm and grasp cartridge on notched sides. Pull cartridge out of holder and insert new cartridge. The cartridge should be oriented so that the key, in the cartridge, fits into the key-way slot in the holder.

### 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.

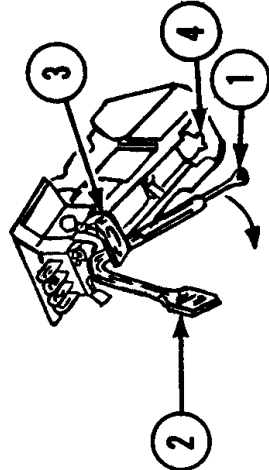




WESTINGHOUSE  
Chassis V-2507-3  
Models H-57ACS1  
H-57ACS2

CHASSIS REMOVAL

1. Remove control knobs. Remove the perforated tube-service cover which is attached to the cabinet center-section by 2 phillips screws.
2. Remove the 4 phillips screws holding the motorboard. Lift the motorboard.
3. Note the color and location of the 2 coax cables connecting to the record changer. Disconnect these 2 coax cables.
4. Disconnect the amp-loc cap connection from the power transformer and the amp-loc plug connection from the record changer. Remove the record changer.
5. Remove the 4 nuts holding the chassis to the cabinet. Tag the wires connecting to the 2 External Speaker Sockets, then unsolder these wires.
6. Remove the 4 nuts holding the power transformer. Remove the chassis and the power transformer.



STYLUS REPLACEMENT

- NOTES:
1. ALL CAPACITANCE VALUES LESS THAN ONE (1) ARE IN MFD, VALUES GREATER THAN ONE (1) ARE IN  $\mu$ F. ALL RESISTANCE VALUES ARE IN OHMS 1/2 WATT UNLESS OTHERWISE SPECIFIED.
  2. D.C. VOLTAGES MEASURED FROM POINTS INDICATED TO CHASSIS GROUND — NO SIGNAL.
  3. REAR SECTIONS OF ALL CONTROLS ARE THE RIGHT CHANNEL.
  4. \* INDICATES A SPECIAL CONTROL WITH OPPOSING TAPERS ON FRONT & REAR SECTIONS.
  5. ALL AMPLOK CONNECTORS VIEWED FROM CONTACT END.
- To remove stylus (item #1), move lever handle (#2) until it is pointing down. Gently pull spring clip (#3) slightly open with finger. Grasp stylus by lever handle and slip it out from under clip. To replace stylus, slip heel of stylus under clip. Gently pull clip slightly open with finger. Slip stylus under clip making certain that stylus shaft rests in center of coupler (#4).