Admiral MODELS 3J14 and 3J16 (3J1 CHASSIS)

TUBE AND COMPONENT REPLACEMENT

TO REPLACE TUBES: Disconnect the AC line plug from the wall outlet. Remove the hold down screws on either side of the record changer platform. Carefully lift the record changer from the cabinet. For convenience, the record changer motor plug and audio input plug may be disconnected from the chassis, and the record changer set aside.

The audio amplifier uses the following tubes: one 12AU6 (first audio), one 35Z5GT (rectifier) and one 50L6GT (audio output). See "Tube Locations".

After servicing tubes, reconnect the record changer motor plug and audio output plug, replace both hold down screws and tighten securely.

TO REMOVE THE CHASSIS from the cabinet, follow the procedure outlined under, "To Replace Tubes", then proceed as follows:

Remove the five speaker compartment cover mounting screws and lift the cover from the cabinet.

Remove the three nuts that hold the chassis to the cabinet. Remove the nuts that hold the speaker to the cabinet. The output transformer leads are soldered to the speaker; speaker and chassis must be removed as a unit.

SERVICE NOTE: The "REJ-ON-OFF" pointer (S1) on the record changer is used to turn both amplifier and record changer motor on and off. To turn the amplifier on with the record changer disconnected, a short, temporary jumper wire must be connected from common ground (4) to the single lead from the AC line cord (3) on socket "M6". See schematic.

Amplifier voltage readings may also be taken by connecting the record changer motor plug (M5) to the socket (M6) on the chassis. Unclamp the TONE ARM from the tone arm rest and slide the "REJ-ON-OFF" pointer to the "ON" position. Set volume control for minimum and tone control at the center of its range.