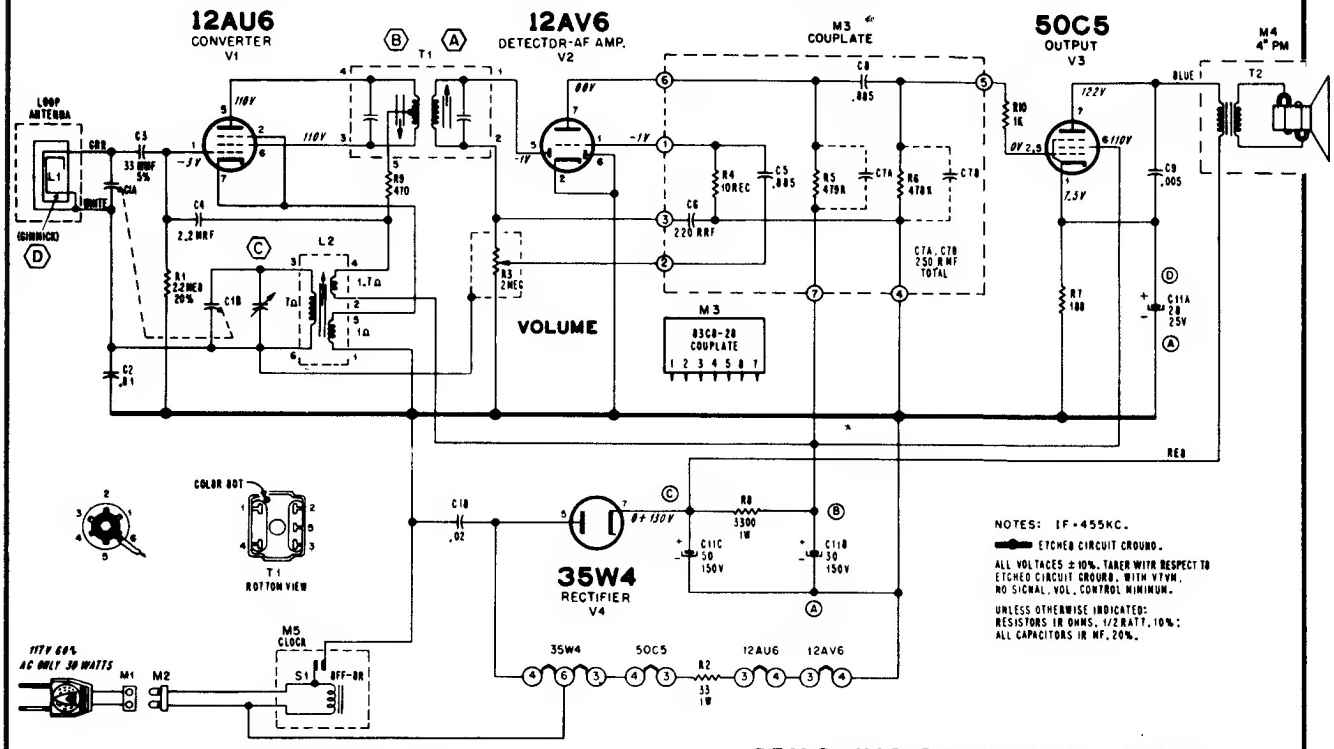
ADMIRAL

CHASSIS 4R3
MODELS Y3133 • Y3137



VOLTAGE PRECAUTION

The etched circuit common ground of this receiver is connected directly to one side of the power line. To prevent damage to etched wiring, do not place chassis directly on a metal bench, or other metal objects.

When taking voltage or resistance measurements, use test prods with needle points.

REMOVING CHASSIS FROM CABINET

Unplug and remove back. Remove the knobs from the front of the cabinet. Remove the screw outside from under the Tuning knob and the screws inside that hold the Volume control bracket to the cabinet. Remove etched circuit board support at rear of chassis. Chassis will now slide out.

ALIGNMENT PROCEDURE

a. Use an isolation transformer or connect a .1 mf. capacitor in series with low side of signal generator.
CAUTION: DO NOT CONNECT AN EARTH GROUND WIRE DIRECTLY TO CHASSIS.

b. Set Volume control full on.

c. Connect output meter across output secondary. Disconnect speaker, use 3.2 ohm load.

d. Use lowest setting of signal generator capable of producing adequate indication on lowest scale of output meter.

e. By using alignment tool (Part No. 98A30-7) both IF transformer slugs can be aligned

f. Repeat adjustments to insure good results.

Step	Connection of Signal Generator	Signal Gen. Frequency	Receiver Gang Setting	Adjustment Description	Adjustment
1.	Through a .1 mf capacitor to pin 1 of the 12AU6 (Converter) tube.	455 KC	Gang fully open	IF Primary IF Secondary	Ⓐ and Ⓑ for maximum output
2	Same as "STEP 1".	1620 KC	Gang fully open	Oscillator Trimmer	Ⓒ for maximum output
3	Radiated Signal. Loop of several turns of wire, or place generator lead close to receiver loop for adequate signal pickup.	1400 KC	Tune in generator signal	Antenna Loop Gimmick	Ⓓ for maximum output (Rock gang for optimum results)