Admiral

CHASSIS 5L2
MODELS 5L21, 5L22, 5L23

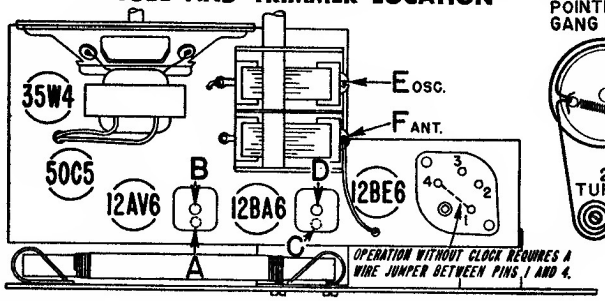
ALIGNMENT PROCEDURE

- Connect a wire jumper between contacts 1 and 4 on clock socket (M2) as shown in illustration below.
- Turn receiver volume control full on (fully clockwise).
- Use an isolation transformer if available, otherwise connect a .1 mfd. condenser in series with low side of signal generator and connect to chassis.
  Caution: Do not connect a ground wire directly to chassis.
- Connect output meter across speaker voice coil.
- Use lowest output setting of signal generator capable of producing adequate output meter indication and proceed in the following sequence.
- Repeat adjustments to insure good results.

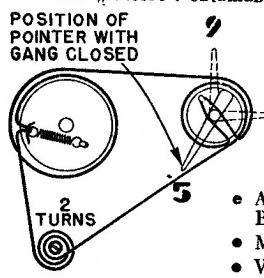
Step	Dummy Antenna in Series with Signal Generator	Connection of Signal Generator (High Side)	Signal Generator Frequency	Receiver Gang Setting	Trimmer Description	Trimmer Designation	Type of Adjustment
1	250 mmfd. condenser	Antenna stator of tuning condenser	455 KC	Gang fully open	2nd IF 1st IF	*A, B *C, D	Maximum output
2	250 mmfd. condenser	Antenna stator of tuning condenser	1620 KC	Gang fully open	Oscillator	E	Maximum output
Mount and set dial pointer to horizontal position with tuning condenser tuned to 1400 KC generator signal; see illustration below.							
3	Loop of several turns of wire, or place generator lead close to receiver loop for adequate signal pickup.	No actual connection (signal by radiation)	1400 KC	Tune in generator signal	Antenna	F	Maximum output

*Adjustments A and C made from the underside of the chassis. If IF transformers have hollow core slugs, these adjustments may all be made from the top of the chassis, if you use alignment tool #98A30-7 obtainable from your Admiral distributor.

TUBE AND TRIMMER LOCATION



POSITION OF POINTER WITH GANG CLOSED

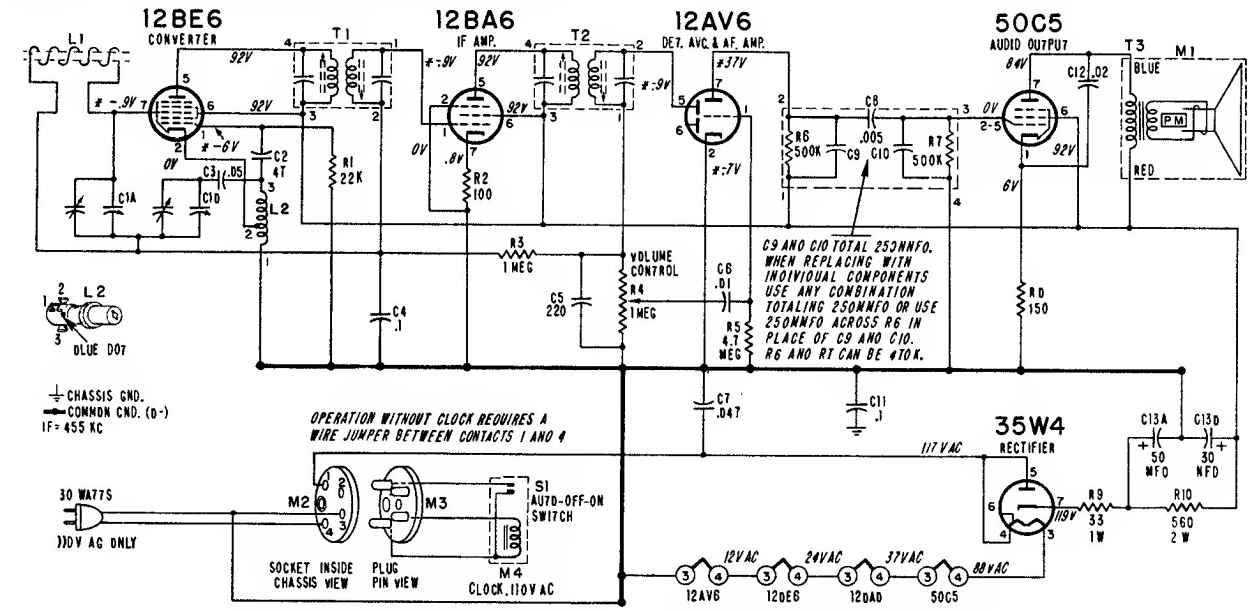


DIAL STRINGING

VOLTAGE DATA

Voltages shown on schematic diagram

- All readings made between tube socket terminals and B minus (negative lead of electrolytic condenser C13).
- Measured on 117 Volt 60 Cycle AC line.
- Volume control minimum; dial turned to low frequency end.
- Voltages measured with Vacuum Tube Voltmeter.



*These readings will be either lower or practically zero if taken with a 1000 ohm-per-volt meter.