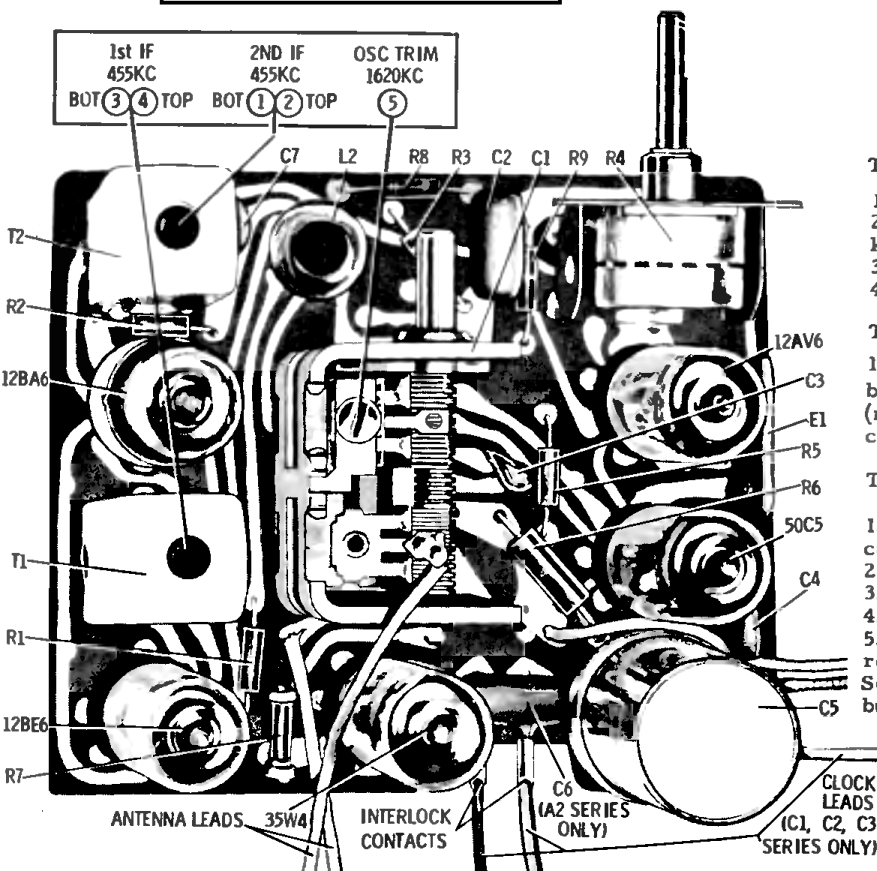


MOTOROLA

MODELS	CHASSIS
A2G, N, P, W	HS-745
C1N, W	HS-749
C2B, P, W	HS-749
C3G, S, W	HS-750
C3G-1, S-1, W-1	HS-750



ALIGNMENT POINTS AND PARTS LOCATIONS

TO REMOVE CHASSIS FROM CABINET

1. Remove back - 2 screws hold it in place.
2. Pull off volume and tuning knobs (place string under knob).
3. Remove screw from cabinet front and remove chassis.
4. To free chassis, unsolder appropriate leads.

TO REMOVE CLOCK CRYSTAL (Models C1, C2, C3 Series)

1. Pull off clock knob (or knobs). Insert a screwdriver between the cabinet and bottom edge of the clock crystal (near 6 o'clock on clock face) to release catch, then lift out crystal.

TO REMOVE CLOCK FROM CABINET (Models C1, C2, C3)

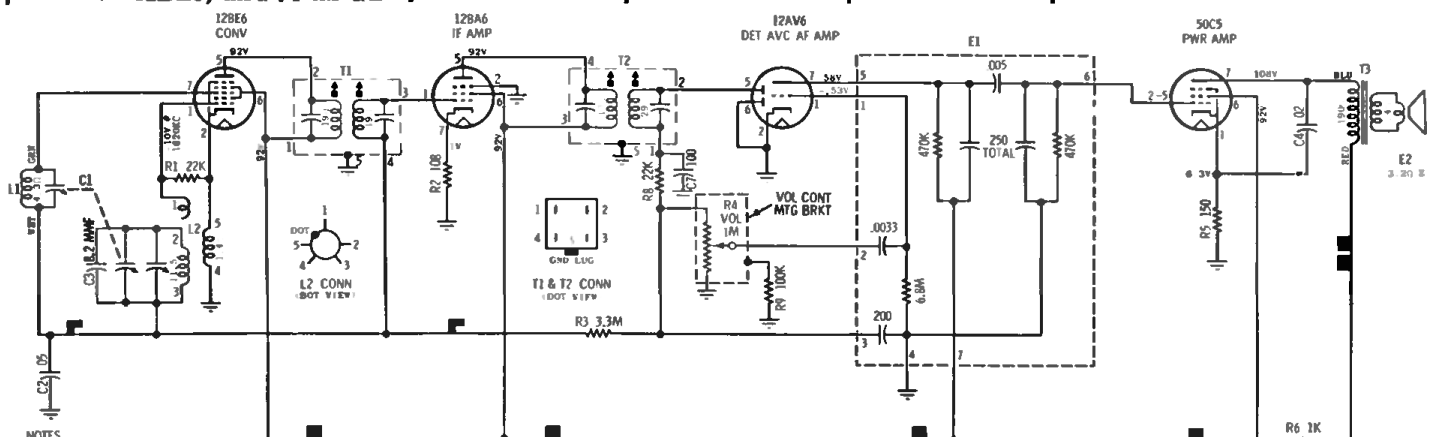
1. Remove 2 cabinet back mounting screws and remove cabinet back.
2. Unsolder 3 chassis leads connected to clock.
3. From rear, remove 4 clock mounting spring clips.
4. Pull off Lazalarm button from cabinet (Model C3 only).
5. Remove clock crystal (see "To Remove Clock Crystal"); remove clock from front of cabinet. NOTE: On Model C3 Series, install clock into cabinet before replacing Lazalarm button.

Models C4B, P, S, Chassis HS-752, is practically the same electrically, but includes dimmer and appliance outlet.

ALIGNMENT

Use an isolation transformer between the power line and the receiver. If not available, connect low side of generator to B through a .1 mf capacitor. Connect a low range output meter across speaker voice coil and set volume control to maximum. Attenuate generator output to maintain .40 volts on output meter to prevent overloading.

STEP	GENERATOR CONNECTION	GENERATOR FREQUENCY (400 cycle mod)	GANG SETTING	ADJUST	REMARKS
IF ALIGNMENT					
1.	Grid of conv (pin 7, 12BE6) thru .1 mf & B-	455 Kc	Fully open	1, 2, 3 & 4	Adjust for maximum.
RF ALIGNMENT					
2.	Grid of conv (pin 7, 12BE6) thru .1 mf & B-	1620 Kc	Fully open	5	Adjust for maximum



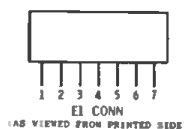
NOTES
CAPACITORS - Decimal values in MF all others in MMF unless otherwise specified.

VOLTAGES - Measured from point indicated to B- with a VTVM, $\pm 10\%$, no signal input, with 120V 60% AC in TUNING RANGE - 535 KC to 1620 KC, IF - 455 KC.

B- = B-

PLATED CHASSIS BOARD WIRING LEGEND

■ = B+ ■ = AVC ■ = FILAMENT



120V 60% AC ONLY (C1, C2, C3)

120V AC-DC (A2)

INTERLOCK

ON-OFF SWITCH (ON VOL CONT - MODEL A2 ONLY)

A2, C1, C2 SERIES ONLY

E3 CLOCK (MODELS C1, C2, C3)

C3 SERIES ONLY

COLD 275H1 NOT 48C

MODEL C1, C2