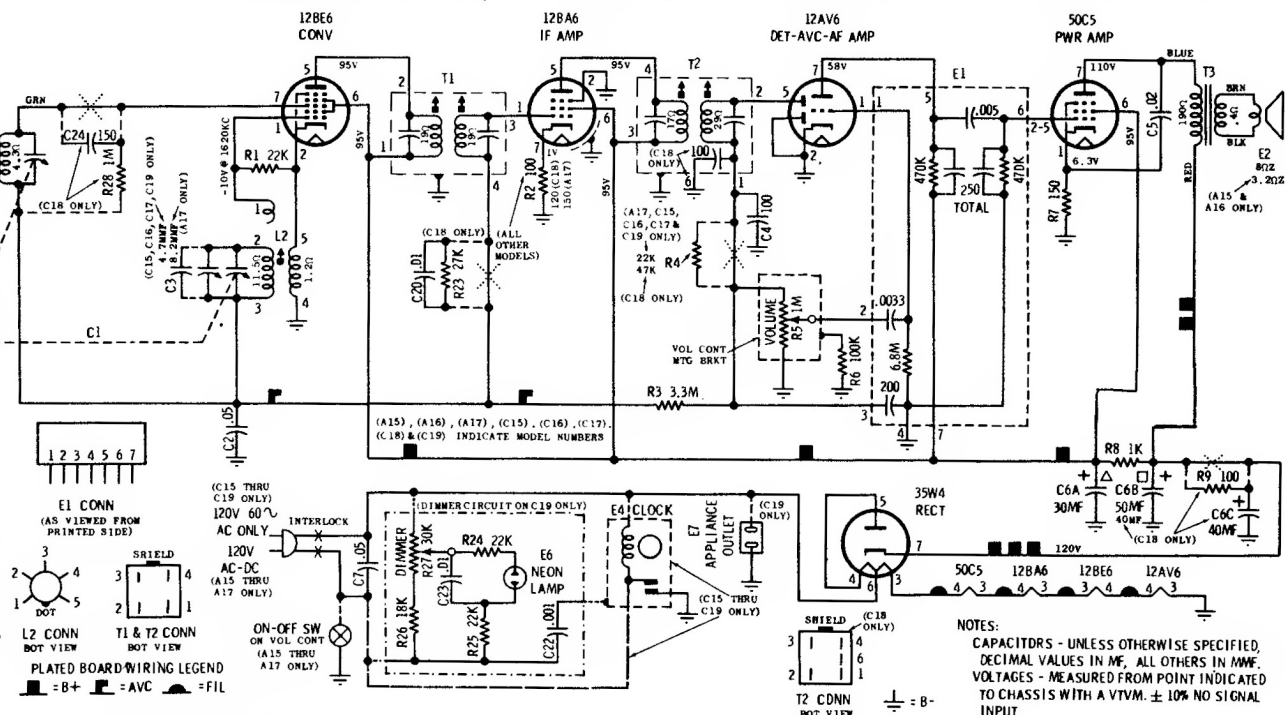


MOTOROLA

Models: A15, A16, - A17, - C15, C16, C17, - C18, - C19
Chassis: HS-744, - HS-922, - HS-939, - HS-813, - HS-938



CHASSIS REMOVAL

MODEL A15, A16

1. Remove cabinet back - 2 screws hold it in place.
2. Remove chassis mtg. screw at base of chassis.
3. Pull off volume knob ONLY (Do not pull captivated tuning knob).
4. From front, unscrew palnut under volume control knob.
5. Unsolder appropriate leads to slide chassis out of tuning knob & cabinet.

MODEL A17, C15, C16, C17

1. Remove cabinet back - 2 screws hold it in place.
2. Pull off volume & tuning knobs.
3. From rear, remove chassis mtg. screw located on volume control mounting bracket.
4. Unsolder appropriate leads to slide chassis from cabinet.

MODEL C18

1. Remove cabinet back - 2 screws hold it in place.
2. Pull off volume & tuning knobs.
3. From front, unscrew palnut under volume control knob.
4. Unsolder antenna leads.
5. Remove 3 chassis mtg. screws.
6. Unsolder appropriate leads to slide chassis from cabinet.

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 max. Attenuate generator output to maintain 50 milliwatts on output meter to prevent overloading. (50 milliwatts is 40 volts across 3.2 ohm output (A15-A16) or .64 volts across 8 ohm output (A17, C15 to C19)).

STEP	GENERATOR CONNECTION	GENERATOR FREQ. (400 cycle mod)	GANG SETTING	ADJUST	REMARKS
A15 to A17 C15 to C19					
IF ALIGNMENT					
1	Grid of conv (Pin 7 12BE6) thru .1 mf & B-	455 Kc	Fully opened	1, 2, 3 & 4	Adjust for max.
RF ALIGNMENT					
2	"	1620 Kc	Fully opened	5	Adjust for max.

