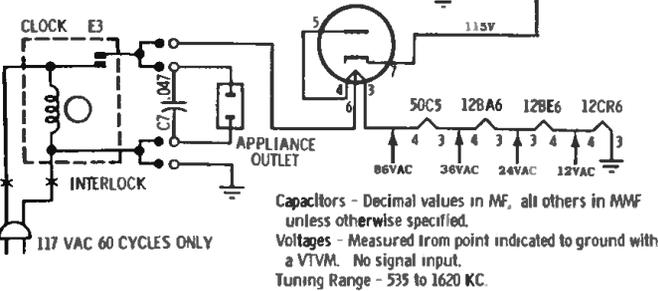
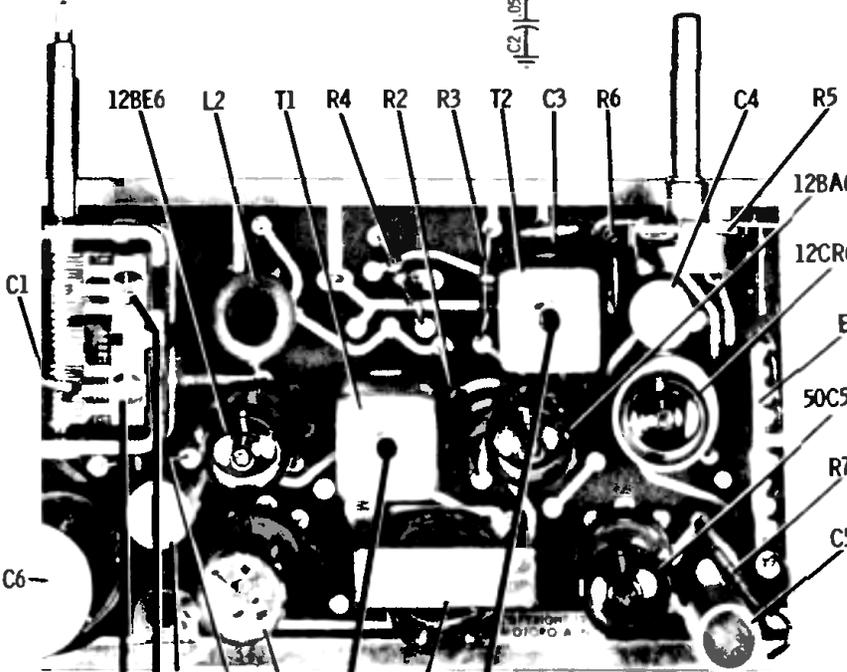
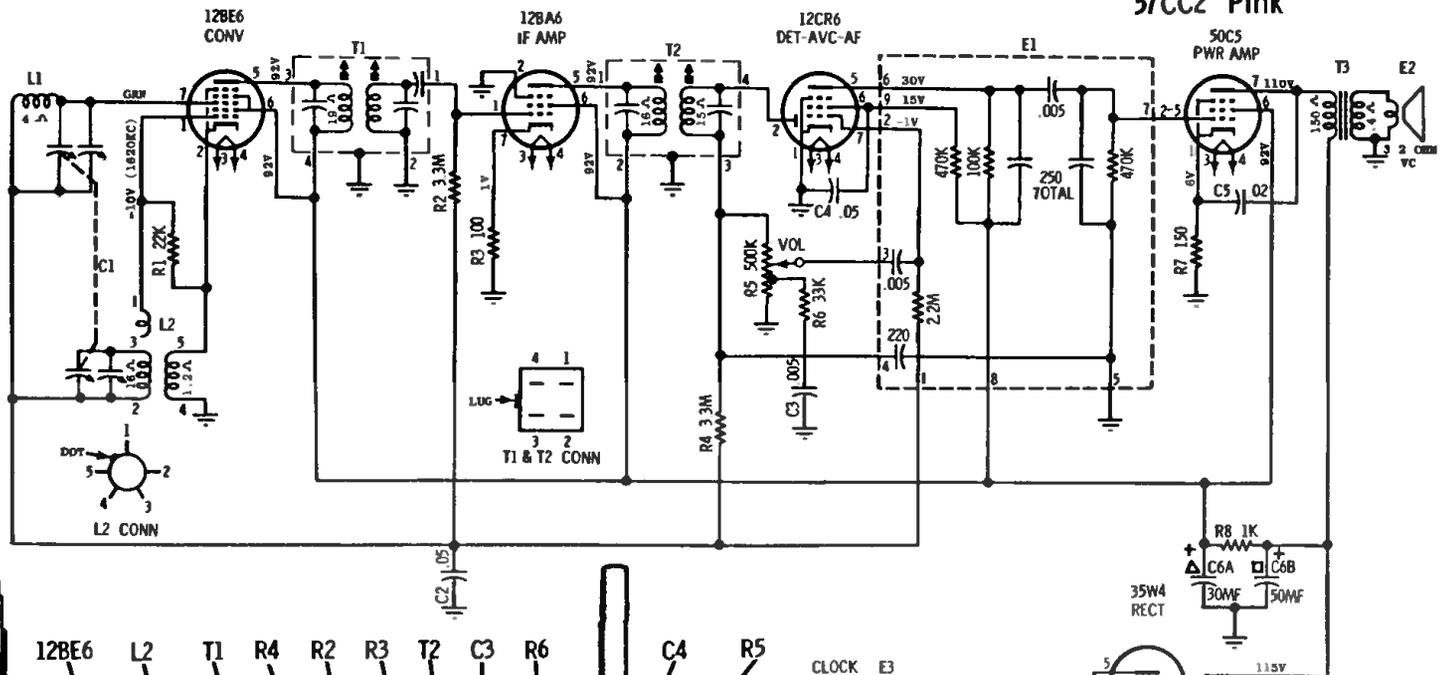


# MOTOROLA

CHASSIS  
HS-531

MODELS  
57CC1 Turquoise  
57CC2 Pink



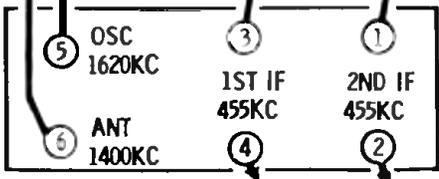
Capacitors - Decimal values in MF, all others in MMF unless otherwise specified.  
Voltages - Measured from point indicated to ground with a VTVM. No signal input.  
Tuning Range - 535 to 1620 KC.

### To Remove Chassis from Cabinet

1. Remove two screws which hold the cabinet back in place and remove the cabinet back.
2. From front of cabinet, pull off two control knobs as a pointer.
3. From under pointer, remove one chassis screw.
4. From rear of cabinet, remove one chassis screw from volume control ear.
5. Pull off the chassis AC leads to the AC connector terminal strip.

### To Remove Clock from Cabinet

1. Remove two screws which hold the cabinet back in place and remove the cabinet back.
2. Pull three knobs off front of clock.
3. From rear of cabinet, remove four screws which hold clock in place and remove clock.



ADJUST FROM BELOW

## ALIGNMENT

Use an isolation transformer between the power line and the receiver. Connect low side of generator to B- (outer chassis edges) through a .1 mf capacitor. Temporarily connect the speaker and AC leads. Connect a low range output meter across the 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
<b>IF ALIGNMENT</b>					
1.	Grid of conv (pin 7, 12BE6) thru .1 mf & B-	455 Kc	Fully open	1, 2, 3 & 4	Adjust for maximum.
<b>RF ALIGNMENT</b>					
2.	Grid of conv (pin 7, 12BE6) thru .1 mf & B-	1620 Kc	Fully open	5	Adjust for maximum.
3.	Radiation loop*	1400 Kc	Tune for max	6	Adjust for maximum.

\*Connect generator output across 5" diameter, 5-turn loop and couple inductively to receiver loop. Keep loops at least 12" apart.