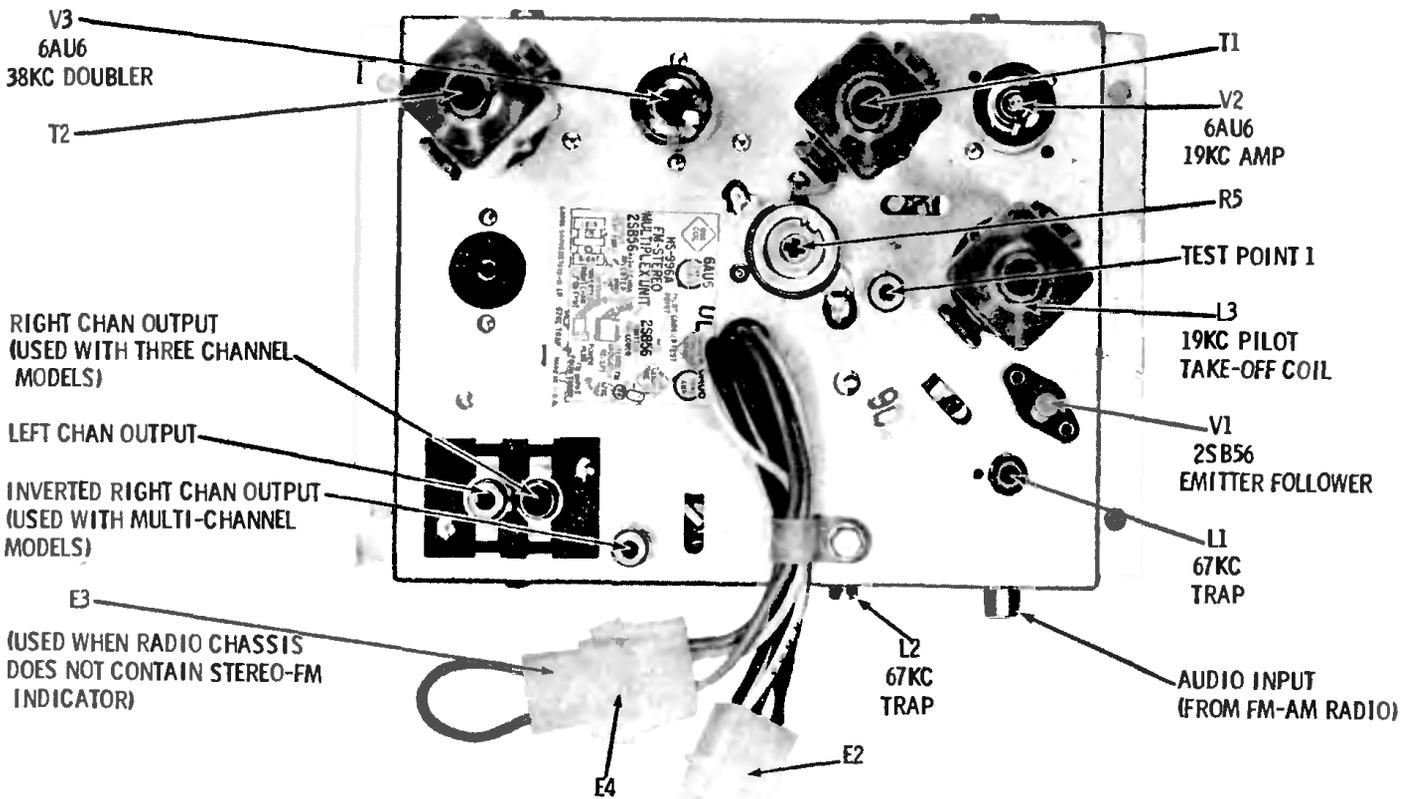
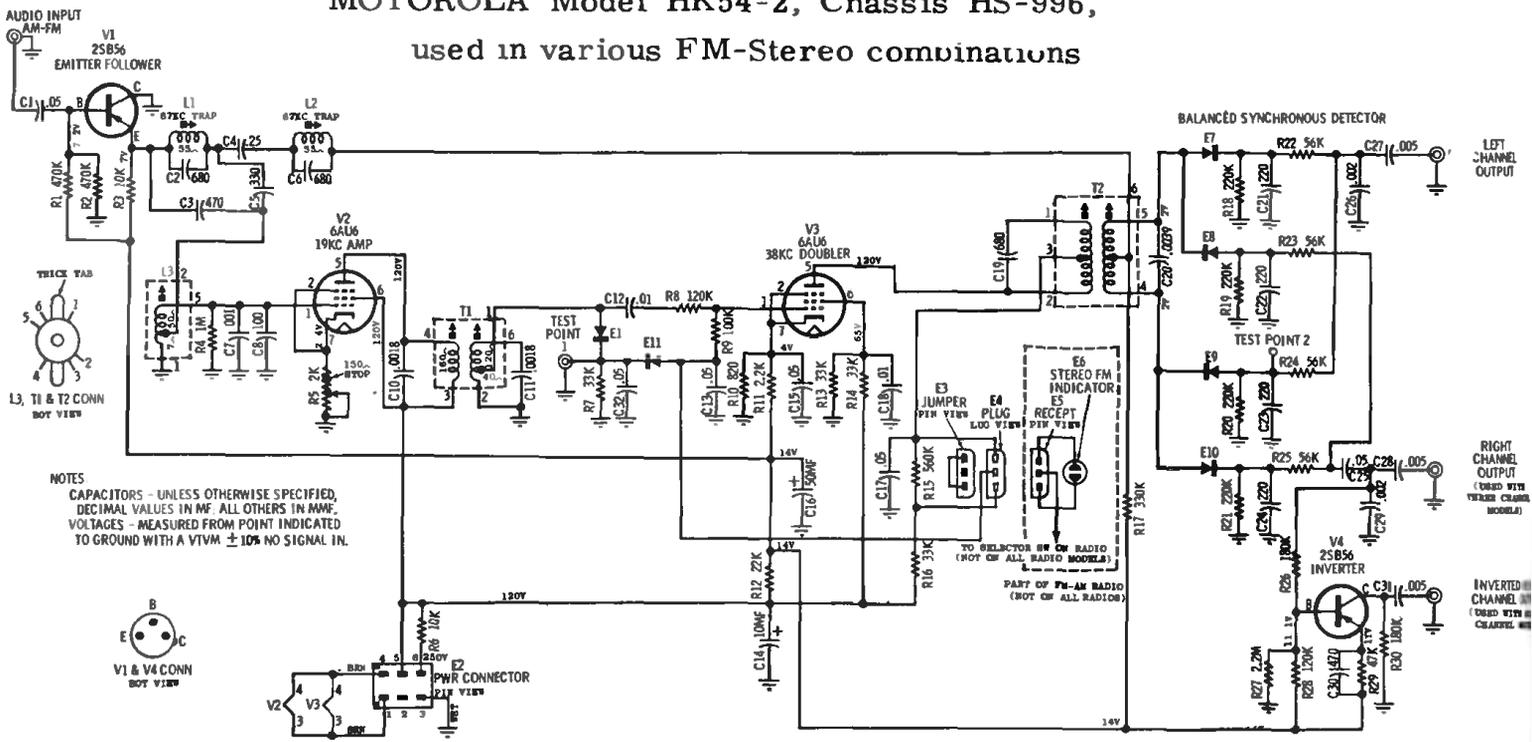


# MOTOROLA Model HK54-2, Chassis HS-996, used in various FM-Stereo combinations



## METHOD ALIGNMENT OF HK-54-2 USING AN FM-STEREO STATION AIR SIGNAL

NOTE: Storecast traps cannot be aligned using an air signal. A generator must be used for trap alignment.

### 19Kc Pilot Carrier Channel Alignment And 38Kc Frequency Doubler Adjustment

With stereo radio tuned to a good stereo-FM broadcast and output of radio applied to audio input jack of HK-54-2, proceed as follows:

1. Connect positive lead of VTVM to Test Point 1; negative lead to ground.
2. Adjust L-3 and primary and secondary of T-1 for maximum indication on VTVM.
3. Move VTVM to Test Point 2 and adjust T-2 primary and secondary for maximum meter indication.
4. Move VTVM to Test Point 1 and while monitoring this voltage, care-

fully adjust L-3 for maximum separation in left and right speakers on program material. This maximum separation point should be very near peak meter indications.

### Adjustment of Sensitivity Control, R 5

The control should be set so that the stereo monitor lights on stereo signals but does not light on noise in between stations.