

- h. Turn marker generator to variable position and set marker dial to produce marker pips at 205.25 MC for video carrier and 209.75 MC for sound carrier.
 - i. Adjust C2, C3, and C4 (Figure 15) to give a flat top response curve with maximum gain. Check video and sound markers which should fall in on the flat top of the response curve.
 - j. Check all channels changing TVG-2 Sweep and Marker to the channel being checked. Markers should fall in automatically on the flat top of the response curve for all channels.
7. Oscillator Alignment of Typical Front End Tuner (Standard Coil Tuner TV103)
- a. Connect TVG-2 RF Output high side to one Ant. terminal of tuner and the low side to ground.
 - b. Set TVG-2 Marker dial to 209.75 MC
 - c. Set Tuner to channel 12 fine tuning to middle of range.
 - d. Connect VTVM to output of discriminator (Point 2 on Figure 10) and ground.
 - e. Adjust C5 (Figure 15) for a zero reading on VTVM between a positive and negative peak.
 - f. Check all other channels for a zero reading on VTVM at sound carrier frequencies making adjustments through the front of tuner for each individual channel if necessary.
8. The foregoing information is a typical example and should not be used as a basis for all TV receivers. Refer to Manufacturer's Instructions for each individual receiver.
- a. Alignment of Band Pass or overcoupled IF system.

In this type of system symmetrical response curves are used and a complete set of curves is necessary (which may be obtained from the set manufacturer or from such sources as "Riders" or "Howard Sams" publications). The alignment procedure must be followed exactly as outlined in their instructions.

REPLACEMENT PARTS LIST

Ref. Symbol	Jackson Stock No.	Name and Description		
C1	3-26	CAPACITOR:	TRIMMER	5-20 mmf.
C2	3-25	CAPACITOR:	TRIMMER	1-3.5 mmf.
C3	3-28	CAPACITOR:	TRIMMER	2.5-6 mmf.
C4	3-30A	CAPACITOR:	VARIABLE	41.7 mmf. 2 sec.
C5	26-79	CAPACITOR:	CERAMIC	510 mmf.
C6	26-87	CAPACITOR:	CERAMIC	30 mmf.
C7	26-121	CAPACITOR:	CERAMIC	2.2 mmf.
C8	26-80	CAPACITOR:	CERAMIC	4000 mmf.
C9	26-68	CAPACITOR:	ELECTROLYTIC	25 mf., 25v
C10	26-80	CAPACITOR:	CERAMIC	4000 mmf.
C11	26-179	CAPACITOR:	METALLIZED	.5 mf., 200v
C12	26-80	CAPACITOR:	CERAMIC	4000 mmf.
C13	26-88	CAPACITOR:	CERAMIC	5 mmf.
C14	3-24	CAPACITOR:	TRIMMER	3-12 mmf.
C15	3-24	CAPACITOR:	TRIMMER	3-12 mmf.