

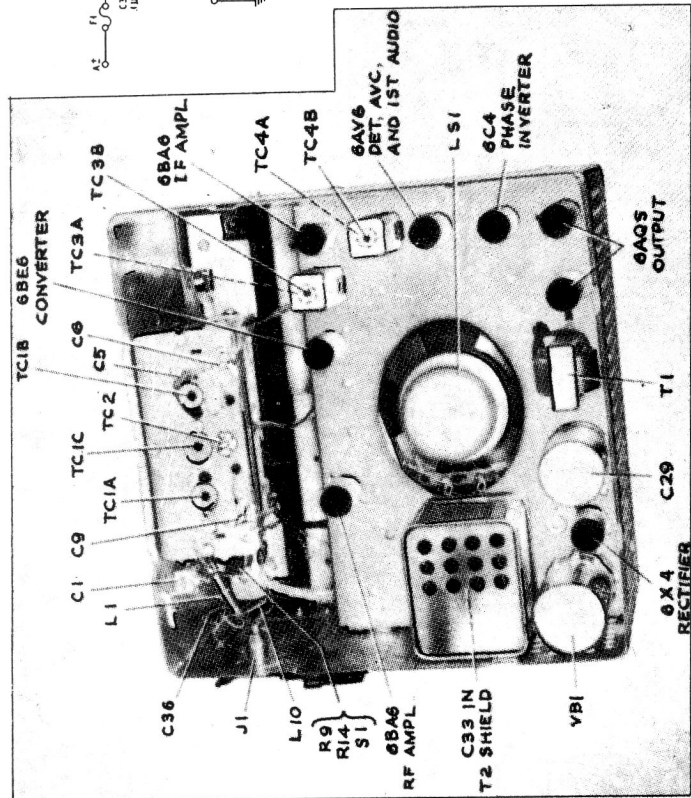
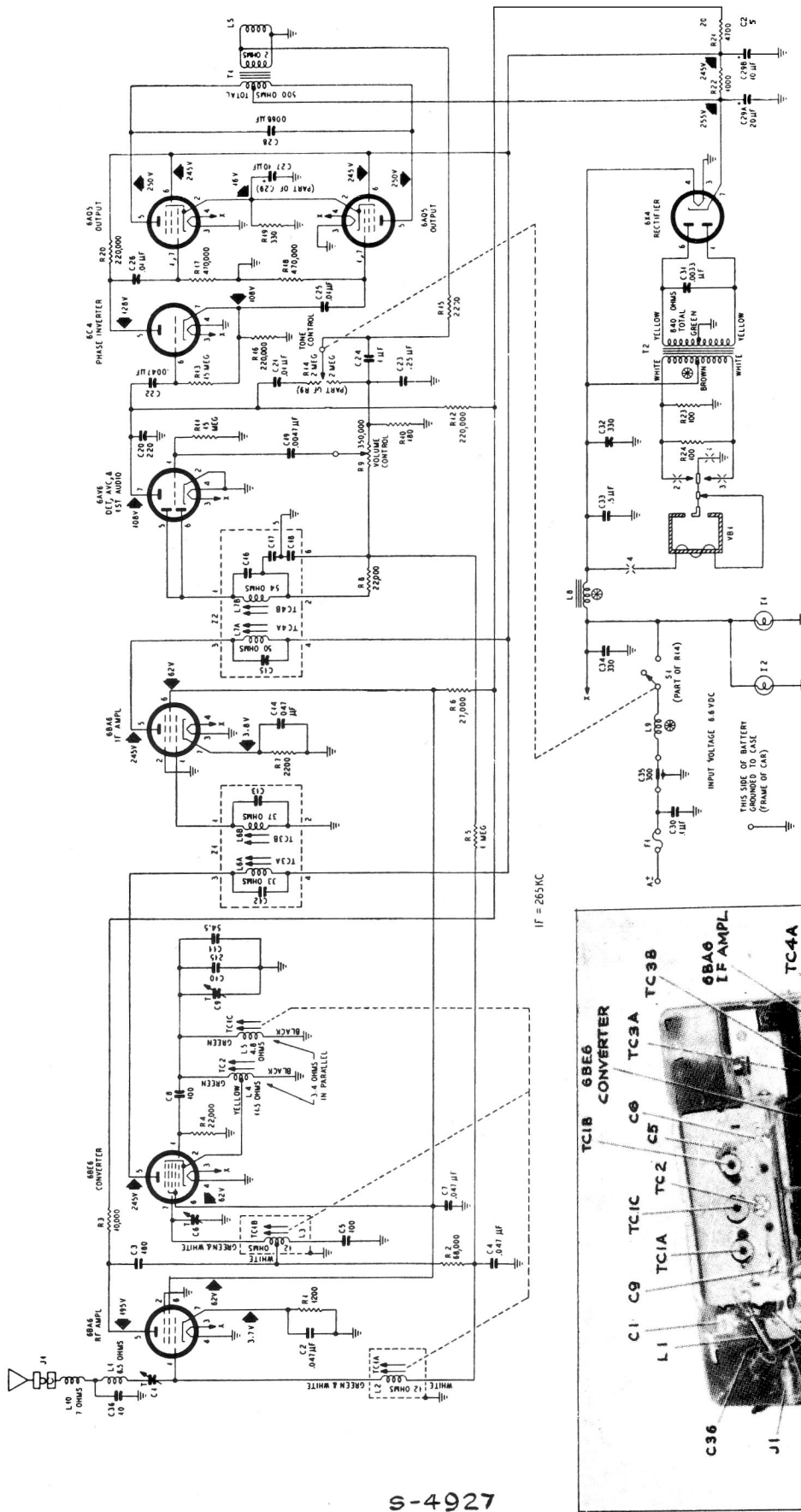


Figure 2. Rear View, Showing Trimmer Locations

TP-9055

540-1600 kc.

5 watts

Seven: six for station select
1 manual tuning

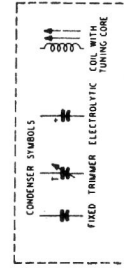
7.2 amperes at 6.6 volts, d.c.

265 kc.

6BA6 (2), 6BE6, 6AV6, 6C4,

6AQ5 (2), 6X4

⊗ SOCKET OR PLUG CONNECTION
⊙ LESS THAN ONE OHM
ALL RESISTOR VALUES IN OHMS AND ALL CONDENSER VALUES IN μF, UNLESS MARKED OTHERWISE



ALIGNMENT PROCEDURE

OUTPUT METER—Connect across voice coil.

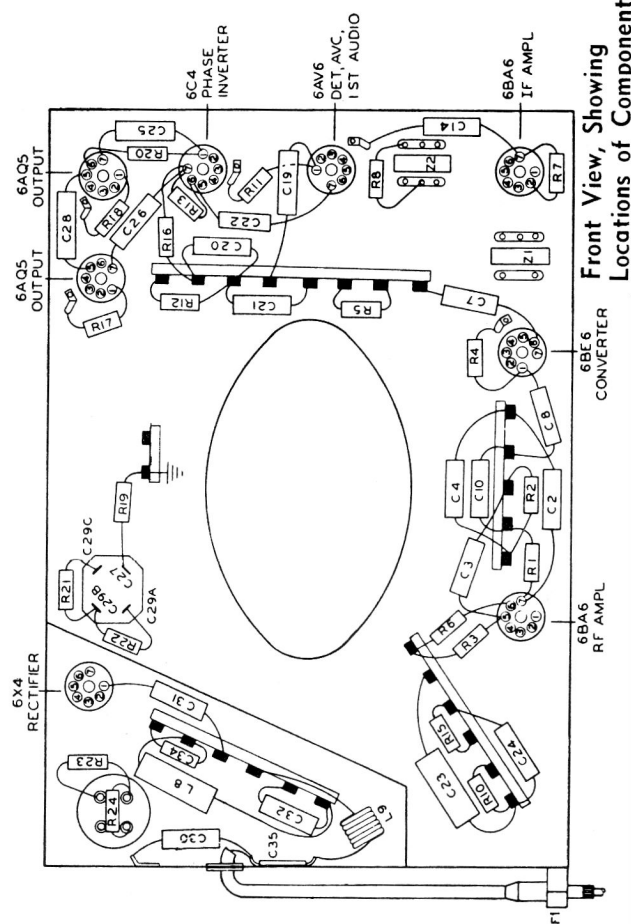
SIGNAL GENERATOR—Connect ground lead to chassis; connect output lead as indicated in chart. Use modulated output.

RADIO CONTROLS—Set volume control to maximum, and tone control to center of rotation. Depress push button for manual tuning, and set tuning control as indicated in chart.

OUTPUT LEVEL—During alignment, signal generator must be attenuated to hold output-meter indication below 1.5 volts.

PUSH BUTTONS—Each station-selector push button can be tuned to any station throughout the broadcast band. Depress push buttons, then turn knurled portion of push-button knob for the desired station. If radio is not in car, connect signal generator through dummy aerial (described below) to aerial jack J1; set generator, in turn, to frequency of each station desired; and adjust each push button for maximum speaker output. Make final push-button adjustments on stations after radio is installed in car.

DUMMY AERIAL—Connect signal-generator output lead through a 40-mmf. condenser to J1, the aerial receptacle; connect a 40-mmf. condenser from J1 to ground.



Front View, Showing Locations of Components

STEP	SIGNAL GENERATOR		DIAL SETTING	SPECIAL INSTRUCTIONS	ADJUST TRIMMER
	CONNECTION TO RADIO	DIAL SETTING			
1	Through .05-mf. condenser to converter grid (pin 7 of 6BE6).	265 kc.	Maximum clockwise	Adjust cores, in order given, for maximum output. TC4A and TC3A are reached through holes in bottom of i-f transformers.	TC4B—2nd i-f sec. TC4A—2nd i-f pri. TC3B—1st i-f sec. TC3A—1st i-f pri.
2	Through dummy aerial	1605 kc.	Maximum clockwise	Adjust trimmers, in order given, for maximum output.	C9—osc. trimmer C6—r-f trimmer C1—aerial trimmer
Use step 3 only if either a coil or core is replaced.					
3	Through dummy aerial	1400 kc.	1400 kc.	Adjust cores, in order given, for maximum output. Use non-metallic padding stick. Cores are accessible from rear, through coil form. CAUTION: Cement must be removed from core support before adjusting.	TC1C—osc. tuning core TC1B—r-f tuning core TC1A—aerial tuning core
4	Through dummy aerial	580 kc.	580 kc.	Adjust core for maximum output while rocking tuning control.	TC2—osc. shunt tuning core
5	Through dummy aerial	1400 kc.	1400 kc.	Readjust trimmers C6 and C1 for maximum output.	C6—r-f trimmer C1—aerial trimmer
6			Tune to a weak station near 1400 kc.	Readjust trimmer C1, with radio installed in car and aerial fully extended.	C1—aerial trimmer