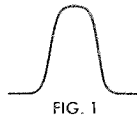


ALIGNMENT INSTRUCTIONS

Check for specified source voltage.
Connect low sides of generator and indicator to ground unless specified otherwise.
Use only enough generator output to provide a usable indication.

Suggested Alignment Tools: GC ELECTRONICS:
IFT5, IFT6 9440
TC1 through TC6, IFT1, IFT4 5000, 8277, 9089



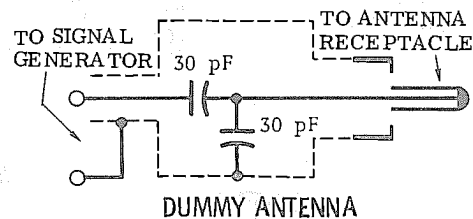
PUSH-BUTTON ADJUSTMENT

1. Pull button out.
2. Tune manually to desired station.
3. Press button in firmly.
4. Repeat for remaining buttons.

AM ALIGNMENT—SELECTOR IN AM POSITION

Connect output meter across speaker voice coil.

GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	ADJUST	REMARKS
High side thru .1uF to Antenna	455 kHz 400-Hz mod.	High freq end stop	IFT5 IFT6	Adjust for maximum.
Thru dummy antenna to antenna input.	1615kHz	"	TC6, TC5, TC4	"
Tuner alignment is not necessary unless associated components have been disturbed. If necessary, back tuning cores L10, L11, L12 out of coils but not out of forms. Repeat step 2.				
Thru dummy antenna to antenna input.	1000 kHz	1000 kHz	L10, L11 L12	Adjust for maximum. Repeat alignment until no further improvement is noted.
With radio installed in car and antenna extended to desired height, tune in a weak station near 1400kHz and adjust TC4 for maximum output. Antenna adjustment TC4 is located through left side panel.				



FM IF ALIGNMENT USING AM SIGNAL GENERATOR—SELECTOR IN FM POSITION

High side of generator thru .001uF to antenna.				
GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
10.7MHz Unmodulated	Point of non-interference	DC probe of VTVM to TP3	(1) IFT4 (Pri.) KFT1	Adjust for maximum.
"	"	DC probe of VTVM to TP4	IFT4 (Sec.)	Adjust for zero reading. A positive or negative reading will be obtained on either side of correct setting.

FM RF ALIGNMENT—SELECTOR IN FM POSITION

GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
108MHz Unmodulated	108MHz	DC probe of VTVM to TP3	TC3 TC2 TC1	Adjust for maximum.
88MHz Unmodulated	88MHz	"	L9 L8 L7	Adjust for maximum. Repeat FM RF steps until no further improvement is noted.

(1) Before adjusting, vary generator frequency slightly. Maximum output indicates exact IF.

