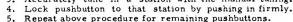
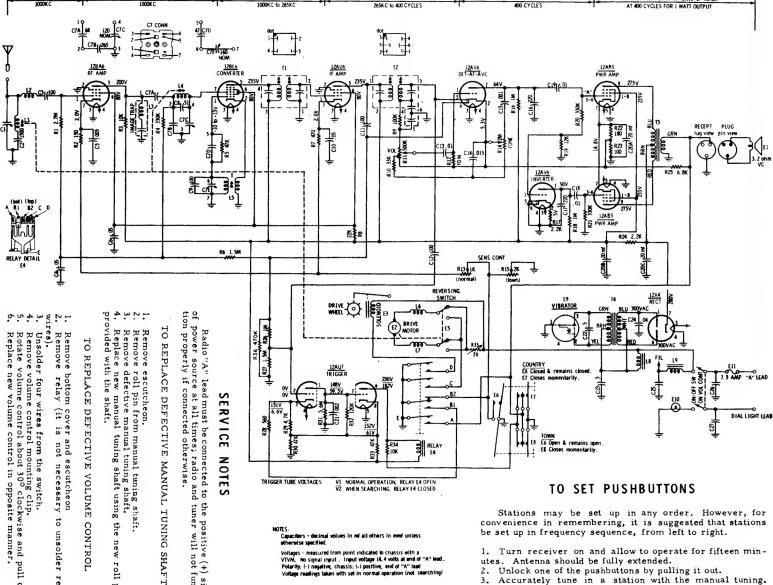
Stations may be set up in any order. However, for convenience in remembering, it is suggested that stations

be set up in frequency sequence, from left to right. 1. Turn receiver on and allow to operate for fifteen min-

- utes. Antenna should be fully extended.
- 2. Unlock one of the pushbuttons by pulling it out.
- 3. Accurately tune in a station with the manual tuning.





Voltages - measured from point indicated to chassis with a VTVM. No signal input. Input voltage IA.4 volts at end of "A" lead.

Voltage readings taken with set in normal operation (not searching)

Polarity: (-) negative, chassis; (-) positive, and of "A" lead

16X

36. 2X

2.9 VOLTS AT POINT "A" GRID OF 12ABS

5.75X

the switch.

ó

unsolder relay

using the

new

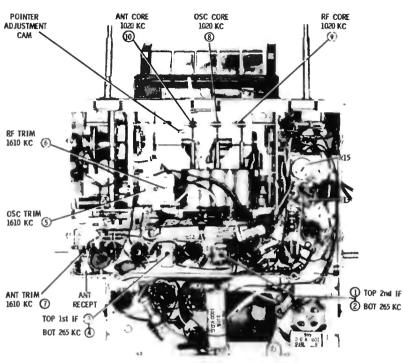
pin

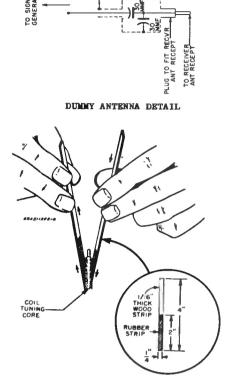
CONTROL

the positive (+) side tuner will not func-

mounting clip.
bout 30° clockwise and pull out.

MOTOROLA Auto Radio 69MF, Ford FDR-18806-F Alignment Information





CORE ALIGNMENT TOOL DETAIL

ALIGNMENT ADJUSTMENT LOCATION DETAIL

ALIGNMENT

Connect a VTVM from the AVC line to ground. Set volume to minimum and tone to treble. Attenuate signal generator to maintain VTVM reading between 1.5 and 2 volts.

STEP	GENERATOR CONNECTION	GENERATOR FREQUENCY	TUNER SET TO	ADJUST	REMARKS
IF AL	IGNMENT 12BE6 grid (pin 7) thru . 1 mf & chassis	265 Kc	Hi end stop	2, 3, 4,	Adjust for maximum.
2.	11	265 Kc	Hi end stop	1	Adjust for dip.
RF ALIGNMENT - NOTE: Back tuning cores completely out of coals before proceeding.					
3.	Ant recept thru dummy. See Fig.	1610 Kc	Hi end stop	5, 6, 7	Adjust for maximum.
4.	"	1020 Kc	49/64" from hi end stop	8, 9, 10	Adjust for maximum
5. Repeat steps 3 & 4 until no further increase, then cement cores in place.					
SENSITIVITY CONTROLS - NOTE: Connect an output meter across speaker voice coil.					
6.	Ant recept thru dummy. See Fig.	1000 Kc at 5 microvolts	Tune for max	R 13	Adjust for 1.79 volts (1 watt output)
7.	" ADV	1000 Kc at 100 microvolts	Tune for max	R15	Turn set off. Depress and release TOWN button (left side). Turn set on. Open contact B2 by inserting insulation (paper) between contacts on relay E4 and adjust for 1.79 volts output.
8.	RIMMER ADJ	-	Weak station around 1400 Kc	7	Adjust for maximum with radio in car. Antenna should be fully extended.
POINT	ER CALIBRATION				

Tune radio to 1000 Kc signal and adjust the pointer adjusting cam (see Alignmert photo) until the pointer lines up with the calibration mark on the dial background.