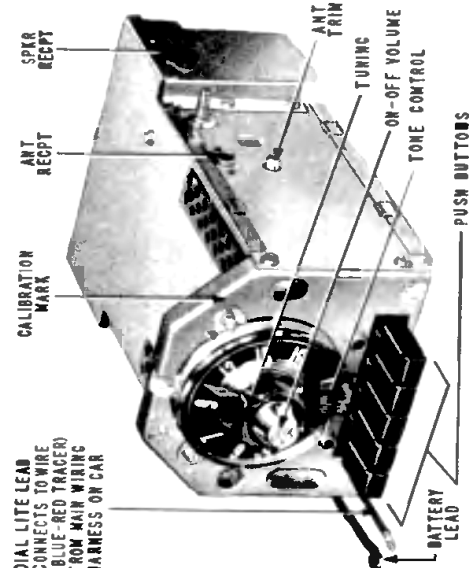


CAPACITORS INDICATED IN MMF, UNLESS OTHERWISE SPECIFIED  
VOLTAGE READINGS SHOWN WERE MEASURED FROM POINT INDICATED TO CHASSIS WITH A VTVM  
ZERO SIGNAL INPUT  
INPUT VOLTAGE WAS 72V DC, MEASURED AT FUSE RECEPTACLE

1. Turn receiver on and allow it to operate for fifteen minutes.
2. Unlock pushbuttons by pulling them out.
3. Accurately tune in a desired station.
4. Lock one of the pushbuttons to this station by pushing it firmly in.
5. Repeat steps 3 & 4 until all five pushbuttons are set.



## ALIGNMENT

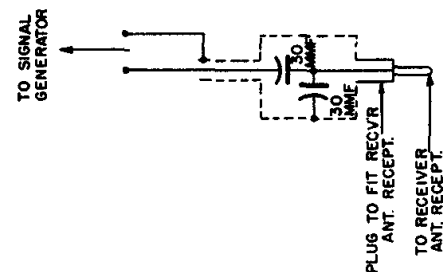
Connect output meter across speaker voice coil. Set tone control to high & volume to maximum. Attenuate generator to maintain 1.79 volts (1 watt) on output meter to prevent overloading receiver. \*Field alignment of tuner is not recommended unless it has been tampered with or has had components replaced.

STEP	DUMMY ANTENNA	GENERATOR CONNECTION	GENERATOR FREQUENCY	TUNER SET TO	ADJUST. (in order shown)	REMARKS
IF ALIGNMENT						
1.	.1 mf	Pin 7 -6BE6	265 Kc	Hi end stop	1, 2, 3 & 4	Peak for maximum.
*RF ALIGNMENT - Note: For step 2 back tuner cores 1-3/8" out of coils to eliminate their effect on trimmer adjustments.						
2.	See Fig.	Ant.recept	1605 Kc	Hi end stop	5, 6 & 7	Peak for maximum.
3.	See Fig.	Ant recept	1200 Kc	9/32" from hi end stop	8, 9 & 10	Peak for maximum using core alignment tools shown in Figure.
4.	See Fig.	Ant recept	1605 Kc	Hi end stop	5, 6 & 7	Peak for maximum.
5.	Repeat steps 3 & 4 until no further increase; then cement cores in place.					
SENSITIVITY CONTROL						
6.	See Fig.	Ant recept	600 Kc & 5 microvolts output	Tune for max	Sensitivity control	Adj for 1.79 volt output (1 watt)
ANTENNA TRIMMER ADJ						
7.	-	-	-	Weak station around 1400 Kc	7	With receiver in car peak ant trim for max volume. Ant should be fully extended.

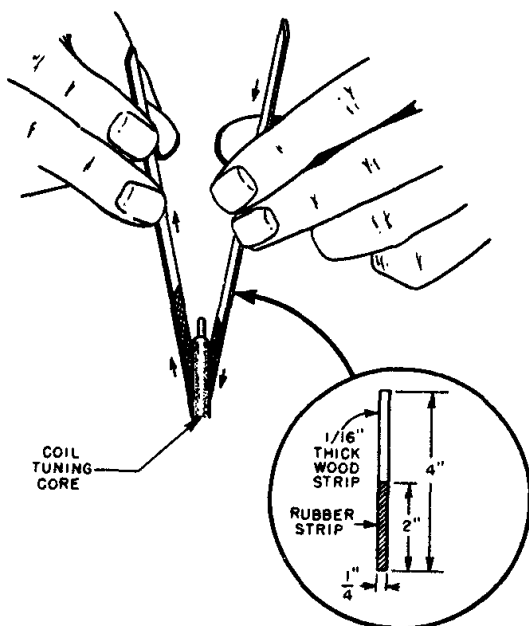
### TO CALIBRATE POINTER

A. Remove dial scale and tune receiver to 1400 Kc signal.

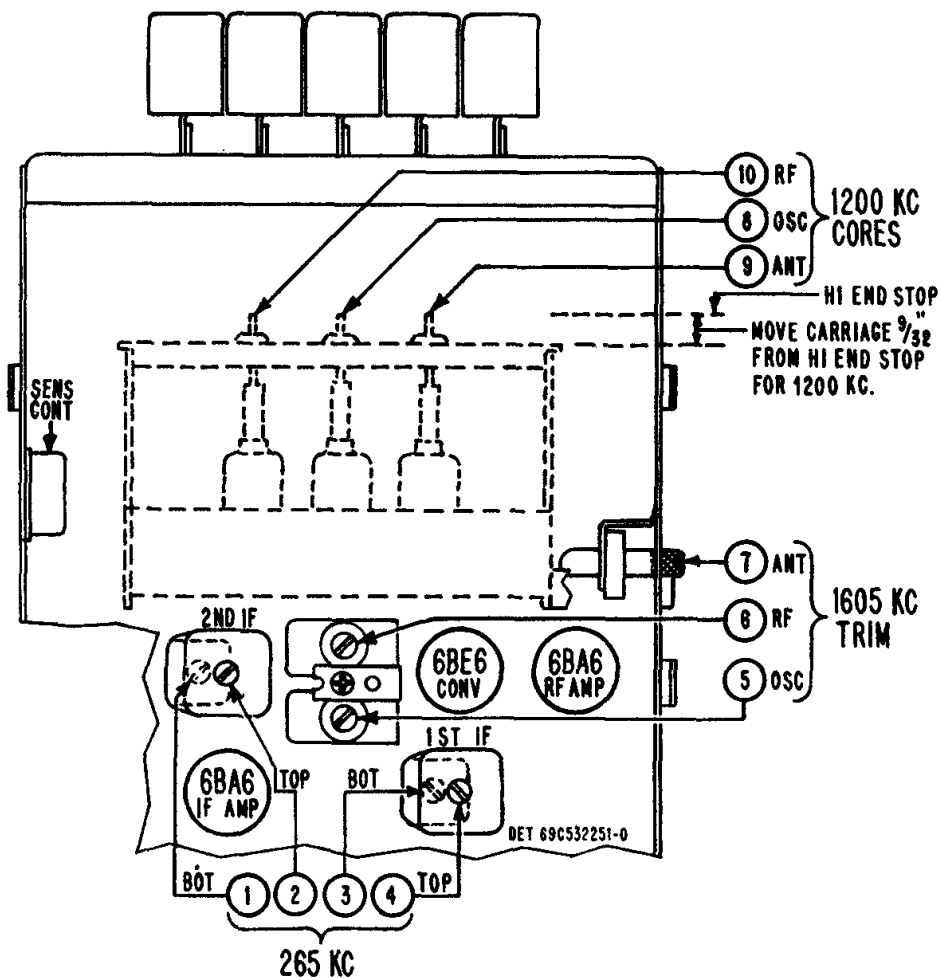
B. To rotate pointer pull pointer off shaft, set to coincide with calibration mark on front housing (see cover photo) and push back onto shaft. CAUTION: Do not twist pointer while on shaft; this may result in a broken pointer or dial cord.



DUMMY ANTENNA DETAIL



CORE ALIGNMENT TOOL DETAIL



ALIGNMENT ADJUSTMENT LOCATIONS DETAIL