

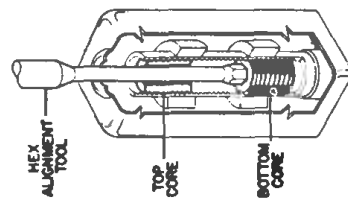
MOTOROLA

MODEL FMC 62

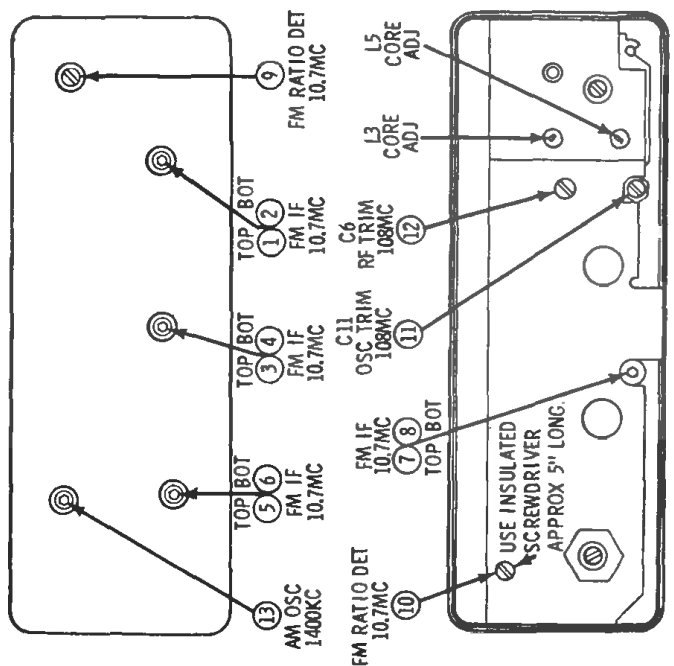
CIRCUIT DESCRIPTION

Model FMC62 is an Universal FM tuner for underdash installations in all cars with 12 volt negative ground electrical systems and previously installed AM radios. The tuner receives FM signals, converts them to 1400 Kc AM which is, in turn, fed to the AM radio via the antenna input.

The tuner is a super-heterodyne FM receiver containing seven tubes with one RF, two IF, two limiters, a ratio detector and a 1400 Kc oscillator stage. After detection, the demodulated FM signal is applied to the 1400 Kc oscillator. The resultant AM signal is fed to the AM radio through its antenna input. An on-off switch on the tuner also controls the antenna switching. When the tuner is turned on, the antenna is automatically disconnected from the AM radio and connected to the FM tuner.



**IF ALIGNMENT
DETAIL**



FMC62 ALIGNMENT LOCATION POINTS