

MOTOROLA Auto Radio

ALIGNMENT CHART

Model 403

STEP	DUMMY ANTENNA	GENERATOR CONNECTION	GENERATOR FREQUENCY	TUNER SET TO	ADJUST	REMARKS
IF ALIGNMENT						
1.	.1 mf	6BE6 grid (pin #7)	455 Kc	High frequency end of dial (cores out)	1, 2, 3 & 4	Peak for maximum in order indicated
RF ALIGNMENT						
2.	See Fig. 3	Antenna receptacle through dummy	1605 Kc	"	5	Peak for maximum.
3.	"	"	1400 Kc	Tune for max.	6 & 7	"
TUNER ALIGNMENT						
NOTE: The tuner cores have been correctly aligned at the factory. Field alignment of the tuner is not recommended unless components have been replaced or tampered with. Construct two core alignment tools as shown in Figure 4. Refer to Figure 4 for proper use of tools, and proceed to align as follows:						
4.	See Fig. 3	Antenna receptacle through dummy	1610 Kc	High frequency end of dial; cores should project 1-1/32" from end of coil form - screw out if necessary	5, 6 & 7	Peak for maximum in order indicated.
5.	"	"	1400 Kc	1400 Kc-per Figure 2	8, 9 & 10	"
6. With receiver installed in car, the antenna fully extended and dial set to approximately 1400 Kc, adjust antenna trimmer (7) for maximum signal of a weak station or noise between stations.						

