

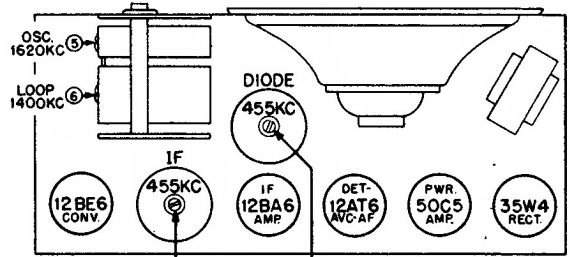
Motorola HOME Radio

MODELS
59R11
59R12I
59R13M
59R14E

ALIGNMENT CHASSIS HS-167 59R15G 59R16Y 59R13M 59R14E

If AC power is used, use an isolation transformer between power line and receiver. If isolation transformer is not available, connect low side of signal generator to B- through .1 mf capacitor.

Connect low range output meter across speaker voice coil and set volume control at maximum. For greatest accuracy, keep output of receiver at approximately .05 watt (.05 watt = .40 volt on output meter) throughout alignment by reducing signal generator output as stages are brought into alignment. Use a small fibre screwdriver for aligning IF & diode transformers.



④ (TOP) PRI. ② (TOP) PRI.
③ (BOT) SEC ① (BOT) SEC.

TUBE & TRIMMER LOCATION

STEP	DUMMY ANTENNA	GENERATOR CONNECTION	GENERATOR FREQUENCY	POINTER SET TO	ADJUST	REMARKS
IF ALIGNMENT						
1.	.1 mf	Rear stator of tuning cap	455 Kc	Gang opened	1, 2, 3 & 4	Adjust for maximum.
RF ALIGNMENT						
2.	"	"	1620 Kc	"	5	Adjust for maximum.
3.	None	Radiation loop*	1400 Kc	Tune for maximum	6	Adjust for maximum.

* Connect generator output to 5" diameter, 3 turn loop & couple to receiver loop. Keep loops at least 12" apart.

