

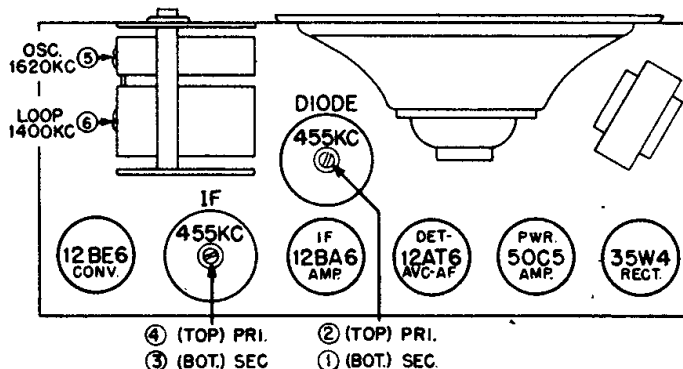
MODELS
59R11
59R12I
59R13M
59R14E

CHASSIS HS-167

59R15G
59R16Y

59R13M
59R14E

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.



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.

L-1 LOOP

12BE6 CONVERTER

12BA6 1-F AMP.

12AT6 DET.-A.V.C.-A-F

50C5 P.W.R. AMP.

T-3 OUTPUT TRANS.

LS-1 SPEAKER

35W4 RECT.

NOTE

ALL RESISTORS INDICATES IN OHMS
K = ONE THOUSAND (1000) OHMS.
M = MILLI (1000) OHMS.

VOLTAGE READINGS SHOWN WERE MEASURED FROM POINT INDICATED TO CHASSIS, WITH A VTVM. NO SIGNAL WAS TUNED IN. INPUT VOLTAGE WAS 117 V.A.C. VOLTAGE TOLERANCE $\pm 10\%$.

NOTE

ALL RESISTORS INDICATES IN OHMS
K = ONE THOUSAND (1000) OHMS.
M = MILLI (1000) OHMS.

117 V. AC-DC

S-1 ON-OFF SWITCH (10W VOL. CONT.)

HEATER CIRCUIT

50C5 12BA6 12BE6 12AT6

1-F = 455 KC

FREQUENCY RANGE 535 KC - 1620 KC