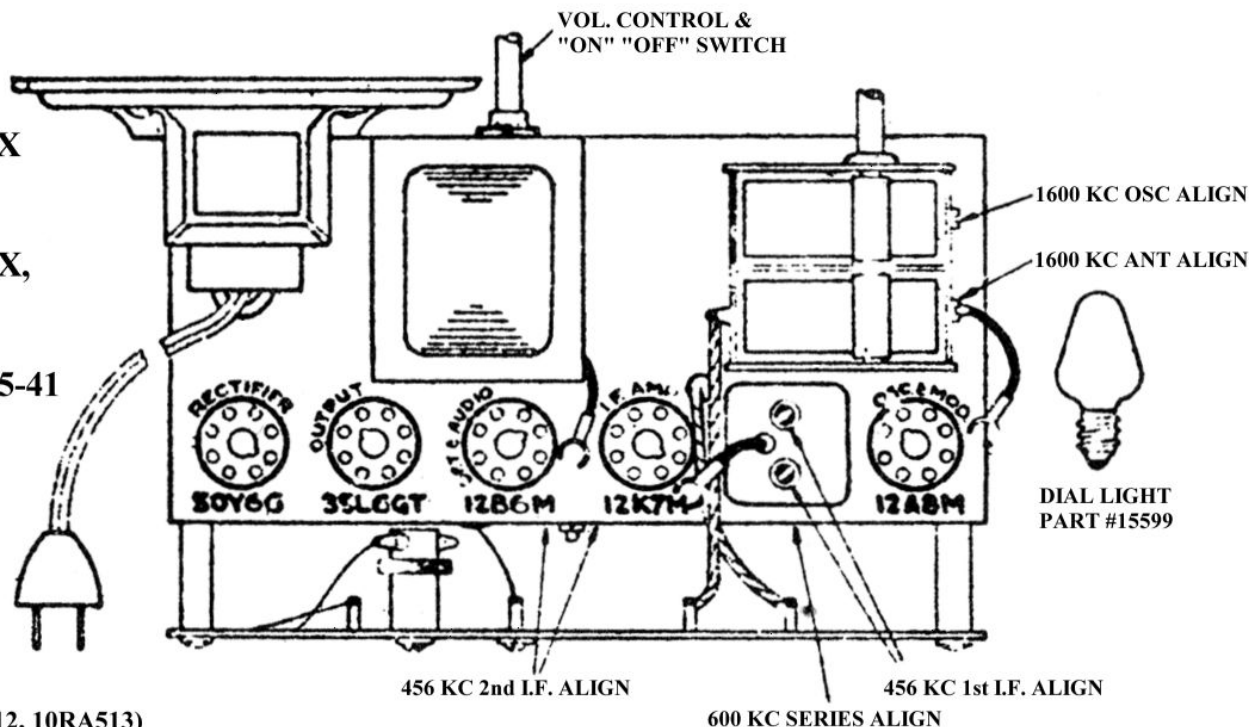


Note - VOLTAGE READINGS ARE BETWEEN POINTS SHOWN AND CHASSIS (GROUND) UNLESS OTHERWISE INDICATED.

*VALUES OF RESISTANCE IN CIRCUIT DO NOT PERMIT OF ACCURATE VOLTAGE CHECK, USE PLATE CURRENT AS INDICATION OF PRESENCE OF CORRECT GRID AND PLATE VOLTAGE

MICA CONDENSER CAPACITIES SHOWN IN μmf .
VOICE COIL D.C. RESISTANCE 3.8 OHMS.
FIELD - - - 400
LINE DRAIN } 115V. - 25 CYCLE - 40 WATTS
 } 115V. - 60 - - 40

Rogers 15-51, 15-52X, 15-52AL, 15-52L Majestic 4151, 4252X, 4152AL, 4152L De Forest 15-41, X25-41, AL25-41, L25-41



Rogers 15-51, 15-52X
15-52AL, 15-52L

Majestic 4151, 4152X,
4152AL, 4152L

De Forest 15-41, X25-41
AL25-41, L25-41

(Chassis 10RA511, 10RA512, 10RA513)

"A511"

Rogers 15-51, 15-52X Majestic 4151, 4152X De Forest 15-41, X25-41 use "A511"

Operation	Connect Generator	Set Generator Tuning	Set Receiver Tuning	Dummy Antenna	Volume Control	Adjust	Remarks
1	To Grid Cap of 12A8M Tube	456 kc/s.	700-800 kc/s.	.01 mfd.	Max.	C6, C7, C8, C9	To Peak I.F.
2	To Antenna	1600 kc/s.	1600 kc/s.	.0002 mfd.	Max.	C4	To Peak Osc.
3	To Antenna	1600 kc/s.	1600 kc/s.	.0002 mfd.	Max.	C3	To Peak Ant.
4	*To Antenna	600 kc/s.	600 kc/s.	.0002 mfd.	Max.	C5	To Track Osc.
5	To Antenna	1600 kc/s.	1600 kc/s.	.0002 mfd.	Max.	C4	To Check Osc.

"A512"

Rogers 15-52AL Majestic 4152AL De Forest AL25-41 use "A512"

Operation	Connect Generator	Set Generator Tuning	Set Receiver Tuning	Dummy Antenna	Volume Control	Adjust	Remarks
1	To Grid Cap of 12A8M Tube	456 kc/s.	700-800 kc/s.	.01 mfd.	Max.	C6, C7, C8, C9	To Peak I.F.
2	To Antenna	1600 kc/s.	1600 kc/s.	400 ohms	Max.	C4	To Peak Osc.
3	To Antenna	1600 kc/s.	1600 kc/s.	400 ohms	Max.	C3	To Peak Ant.
4	*To Antenna	600 kc/s.	600 kc/s.	400 ohms	Max.	C5	To Track Osc.
5	To Antenna	1600 kc/s.	1600 kc/s.	400 ohms	Max.	C4	To Check Osc.

"A513"

Rogers 15-52L, Majestic 4252L De Forest L25-41 use "A513"

Operation	Connect Generator	Set Generator Tuning	Set Receiver Tuning	Dummy Antenna	Volume Control	Adjust	Remarks
1	To Grid Cap of 12A8M Tube	456 kc/s.	700-800 kc/s.	.01 mfd.	Max.	C6, C7, C8, C9	To Peak I.F.
2	To Antenna	1500 kc/s.	1500 kc/s.	400 ohms	Max.	C4	To Peak Osc.
3	To Antenna	1500 kc/s.	1500 kc/s.	400 ohms	Max.	C3	To Peak Ant.
4	*To Antenna	600 kc/s.	600 kc/s.	400 ohms	Max.	C5	To Track Osc.
5	To Antenna	1500 kc/s.	1500 kc/s.	400 ohms	Max.	C4	To Check Osc.

NOTE.—Always use an output meter or other visual indicator when making alignment.
Use only enough generator output to give readable value on output indicator.
The resistors and condensers used as dummy antenna must be non-inductive types.
*Rock tuning control during this adjustment.