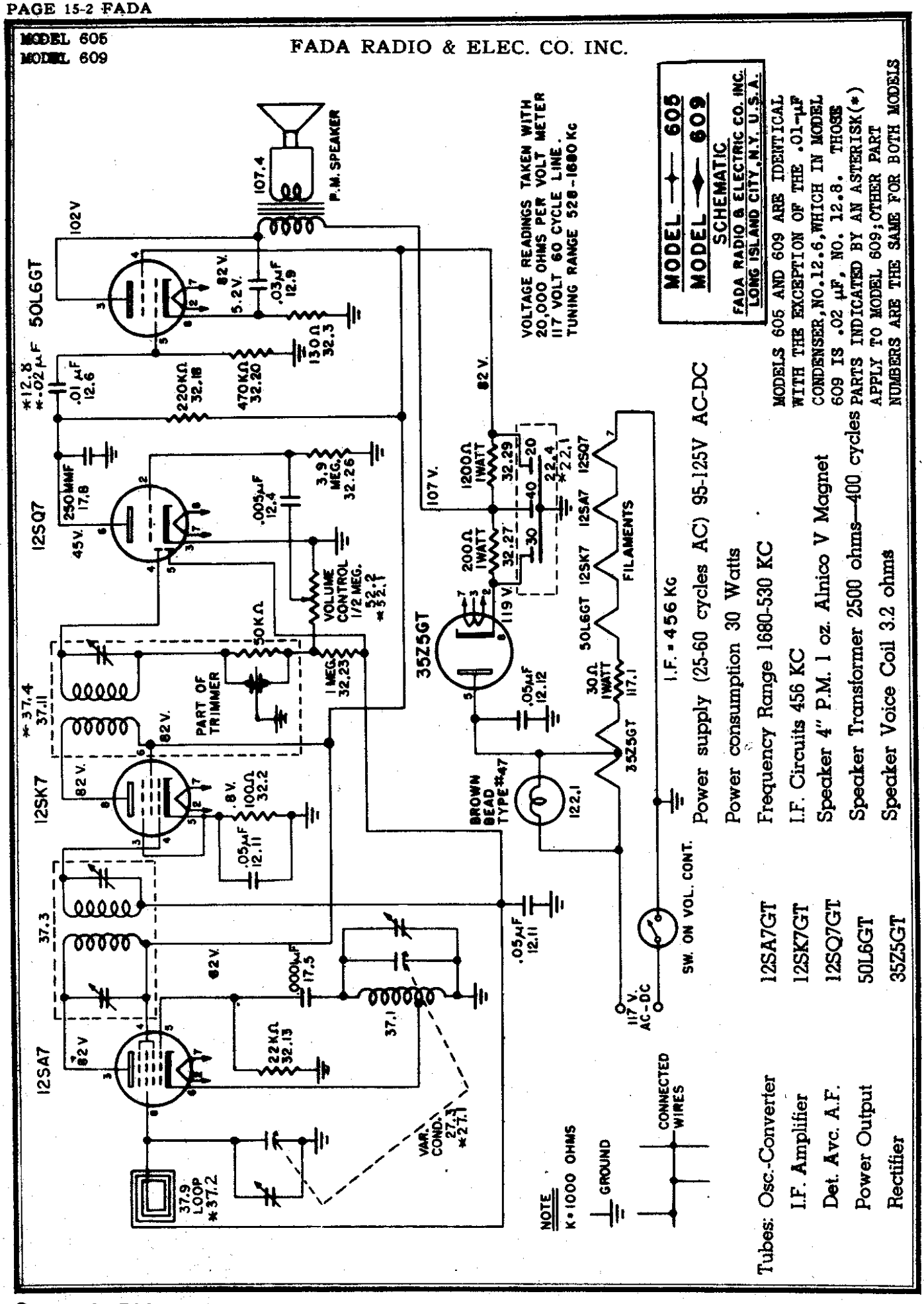
MODEL 605
MODEL 609

FADA RADIO & ELEC. CO. INC.



ALIGNMENT PROCEDURE

No attempt should be made to realign the various circuits until all other causes have been checked, unless the condition is so obvious as to indicate that realignment is necessary. Then proceed as follows:
Volume Control full on.
Low range A.C. meter connected across voice coil to indicate output.
Keep signal generator attenuated so as to maintain ½ scale reading on output meter.
Make certain that dial pointer is exactly on index line (top left side of dial plate) when variable condenser is fully meshed.

MODELS 605 AND 609

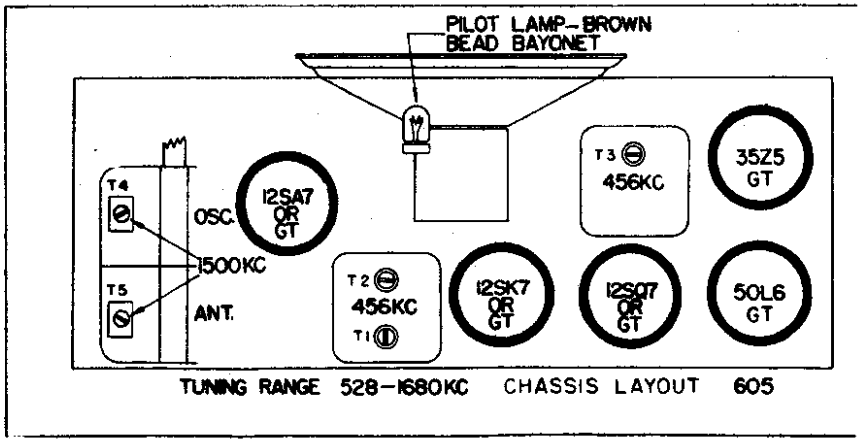
Receiver Dial at:	Signal Generator	Dummy Antenna	Connect Signal Generator to:	Refer to Chassis Layout for Location of Trimmers
1 Full Open	Exactly 456 KC	.1 MF	Control Grid 12SA7 Tube (Top) Rear Section Variable Condenser	Adjust for Maximum Output T1, T2 & T3
2 Exactly 1680 KC	Exactly 1680 KC		Radiating Loop (½ meter) 20" from Receiver Loop	Adjust for Maximum Output T4
3 Approx. 1500 KC	Approx. 1500 KC		Radiating Loop (½ meter) 20" from Receiver Loop	Adjust for Maximum Output T5
4 Approx. 600 KC	Aprox. 600 KC		Radiating Loop (½ meter) 20" from Receiver Loop	Check tracking and bend slotted end plate (rear section) of variable if necessary.
5				

605 SERIES PARTS LIST

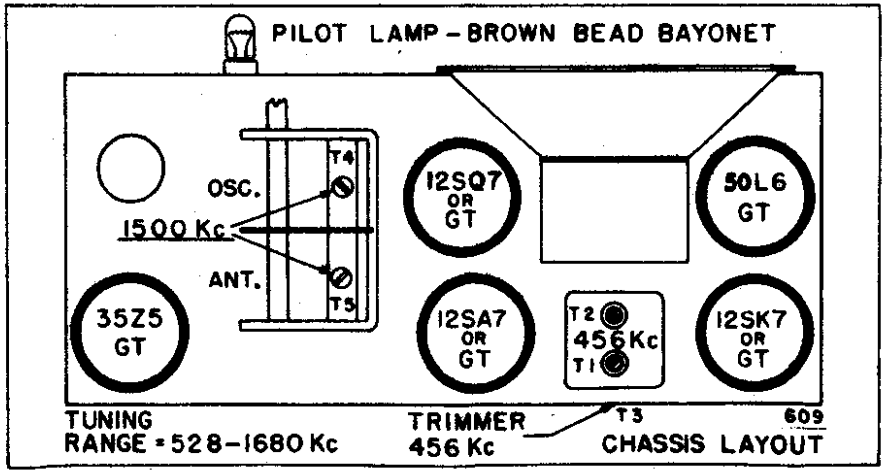
Part No.	Description
12.4	Tubular Condenser .005 mf 600 V
12.6	Tubular Condenser .01 mf 400 V
12.9	Tubular Condenser .03 mf 400 V
12.11	Tubular Condenser .05 mf 200 V
12.12	Tubular Condenser .05 mf 400 V
17.5	Mica Condenser 100 mmf ± 10%
17.8	Mica Condenser 250 mmf ± 20%
22.4	3 Section Electrolytic Condenser
27.3	Variable Condenser 30-40-20 mf
37.1	Oscillator Coil 150 W.V.
37.9	Loop Antenna
37.3	Input I.F. Transformer complete
37.11	Output I.F. Transformer complete
52.2	Volume Control w/switch
72.1	Power Cord (Approved)
77.16	Dial Pointer
77.18	Dial Scale (Calibrated)
97.12W	Cabinet—Walnut Bakelite
142.4W	Cabinet Knobs—Walnut
97.11	Cabinet Back
107.4	4" P.M. Speaker with Transformer
107.41	4" P.M. Speaker less Transformer
42.1	Speaker Transformer for Above
117.1	30 ohm 1 W Resistor

609 SERIES PARTS LIST

Part No.	Description
12.4	Tubular Condenser .005 mf 600 V
12.8	Tubular Condenser .02 mf 400 V
12.9	Tubular Condenser .03 mf 400 V
12.11	Tubular Condenser .05 mf 400 V
12.12	Tubular Condenser .05 mf 200 V
17.5	Mica Condenser 100 mmf ± 10%
17.8	Mica Condenser 250 mmf ± 20%
22.1	3 Section Electrolytic Condenser
27.1	Variable Condenser 30-40-20 mf
37.1	Oscillator Coil 150 W.V.
37.2	Loop Antenna
37.3	Input I.F. Transformer complete
37.4	Output I.F. Transformer complete
52.1	Volume Control with Switch
72.1	Power Cord (Aproved)
77.1	Dial Scale (Calibrated)
77.6	Dial Pointer
77.7	Dial Crystal
97.2W	Cabinet Bakelite—Walnut
97.2V	Cabinet Bakelite—Ivory
97.3	Cabinet Back
142.4W	Cabinet Knobs—Walnut
142.4V	Cabinet Knobs—Ivory
107.1	4" P.M. Speaker with Transformer
107.2	4" P.M. Speaker less Transformer
42.1	Speaker Transformer for above
117.1	30 ohm 1 W. Resistor



TUNING RANGE 528—1680KC CHASSIS LAYOUT 605



TUNING RANGE = 528—1680 Kc TRIMMER 456 Kc T3 609 CHASSIS LAYOUT

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