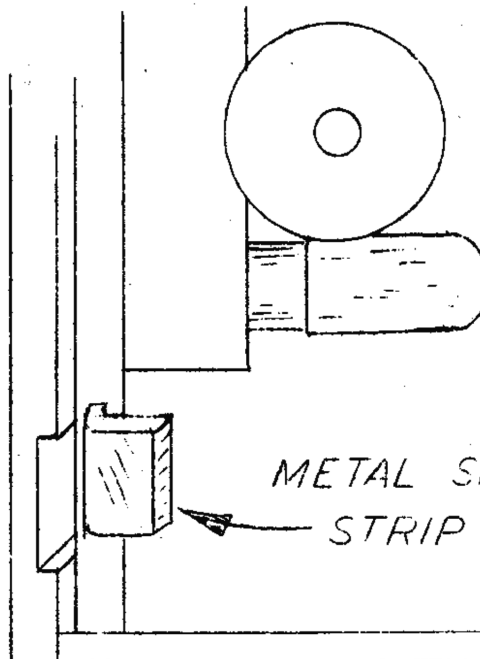


**REMOVAL OF RADIO CHASSIS**

To remove the radio chassis for servicing, pull off the three control knobs, disconnect the cables and wires leading to the loud speaker, built-in antenna, etc., then withdraw the metal shelf locking strip from near the lower corner of the chassis. Swing the bottom of the chassis and the mounting shelf out from the cabinet until the top of the shelf is disengaged. The unit may then be withdrawn from the cabinet.



METAL SHELF LOCKING STRIP

**ALIGNMENT PROCEDURE**

Volume Control—Maximum All Adjustments.

Signal Generator which will provide an accurately calibrated signal at the test frequencies as listed.

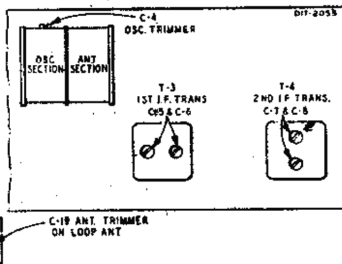
Allow Chassis and Signal Generator to "Heat Up" for several Minutes.

Output Indicating Meter: Non-Metallic Screw-driver.

The equipment in column at right is required for aligning:

Dummy Antennas—.1 mf., 50 mmf.

SIGNAL GENERATOR					
FREQUENCY SETTING	ANTENNA CONNECTION	GROUND CONNECTION	DUMMY ANTENNA	GANG CONDENSER SETTING	ADJUST TRIMMERS TO MAXIMUM (See Trimmer Illustration)
455 KC	Control Grid 12SK7—I.F.	Point "X" 12SK7—I.F. Prong No. 3	.1 mf.	Turn Rotor to Full Open	2nd I.F. (C7) & (C8)
455 KC	Control Grid 12SA7—1st Det.	Same As Above	.1 mf.	Turn Rotor to Full Open	1st I.F. (C5) & (C6)
1620 KC	Control Grid 12SA7—1st Det.	Same As Above	.1 mf.	Turn Rotor to Full Open	Oscillator (C4)
1400 KC	External Antenna Clip on Loop	Chassis	50 mmf.	Turn Dial to 1400 KC	Antenna (C-19)



**REPLACEMENT PARTS LIST**

NOTICE: There is a power rating label on the chassis. This label specifies the power supply on which the radio may be used, and identifies the radio as to chassis, dial and issue letter. When ordering parts or writing, give ALL information appearing on this label.

**MISCELLANEOUS**

- 12A438 5" P.M. Speaker
- 3A303 Tube socket octal (8 prong) moulded
- 3A304 Phono motor socket
- 10A297 Knob (volume control, tuning)
- 10A384 Knob (Radio-Phono)
- 2A358 Radio-Phono switch
- 13X328 Line cord and plug assembly

**TRANSFORMERS AND COILS**

- 25A413 T-1 "B" Range Loop Antenna Assembly
- 9A1805 T-2 Oscillator Coil Assembly
- 9A1808 T-3 1st I-F Transformer and Can Assembly
- 9A1809 T-4 2nd I-F Transformer and Can Assembly
- 51X122 T-5 Output Transformer

**CAPACITORS**

- D65102 C-1 .001 mf 400 V Tubular
- 26A402 C-2A, C-2B Gang Capacitor assembly

- 47X446 C-3 47 mmf Moulded
- C-4 Part of C-2 (Gang Capacitor)
- C-5, C-6 Part of T-3 (1st I-F Transformer)
- C-7, C-8 Part of T-4 (2nd I-F Transformer)
- C-8A, C-9B 50 mmf Dual Mica
- C-10, C-13, C-14 .01 mf 200 V Tubular
- C-11, C-12 220 mmf Moulded
- C-15 .20 mf Tubular
- C-16 .10 mf 400 V Tubular
- C-17A 50 mf 150 V Dry Electrolytic
- C-17B 50 mf 150 V
- C-18 .05 mf 200 V Tubular
- C-19 1.0-12 mmf Trimmer

**RESISTORS**

- B84393 R-1 39K 0.5 Carbon
- B85225 R-2 2.2 meg 0.5 Carbon
- B85473 R-3 47K 0.5 Carbon
- 36X352 R-4 500K Volume control and switch
- B85585 R-5 6.8 meg 0.5 Carbon
- B84474 R-6 470K 0.5 Carbon
- B85474 R-7 470K 0.5 Carbon
- B83181 R-8 150 0.5 Carbon
- B85224 R-9 220K 0.5 Carbon
- B84270 R-10 27K 0.5 Carbon
- C85162 R-11 1500 1.0 Carbon

**DIAL AND DRIVE ASSEMBLY**

- 26A399 Dial Bracket Assembly Complete with Dial Background, Diffuser, Dial Clamps, Idle Pulleys and Spacers
- 6X21 Rubber Grommet Mounting gang
- 20X329 Cond. Cushion Stud capacitor

- 58X610 Dial
- 26X482 Drive Shaft
- 19X192 "O" Washer (For Drive Shaft)
- 19X82 Flat Washer (For Drive Shaft)
- 7A197 Pilot Light Socket Assembly
- No. 47 Pilot Light
- 57" Drive Cord (18 lb. test)
- 15X150 Pointer
- 29X95 Drive Cord Tension Spring

**TYPE G-28A115 AUTOMATIC RECORD CHANGER PARTS**

- G-30A71506 Bearing Assembly
- G-19A71535 Spindle Assembly
- G-58-71435 Single Button Control Switch
- G-26-70545 Drive Wheel
- G-33-A71196 Flexible Coupling Spring Assembly
- G-65-70566 Feed Cam Roller
- G-12-71406 Lift Pin
- G-33-71405 Counter Balance Spring
- G-33-71388 Finger Spring
- G-33-70882 Mounting Spring
- G-33-71316 Stop Lever Spring
- G-33-71173 Trip Lever Spring
- G-33-71205 Pull-in Spring
- G-33-71438 Trip Bar Spring
- G-33-71341 Record Feed Spring
- G-33-71342 Carrier Lever Spring
- G-59-71494 Index Spring
- G-66A71507 Turntable
- G-58-72992 Motor
- Pickup Arm Assembly (G.L. Model 203)
- Astatic L-75 Pickup Cartridge
- G-55-72021 Record Stabilizer Finger
- Needle, Permp No. 100