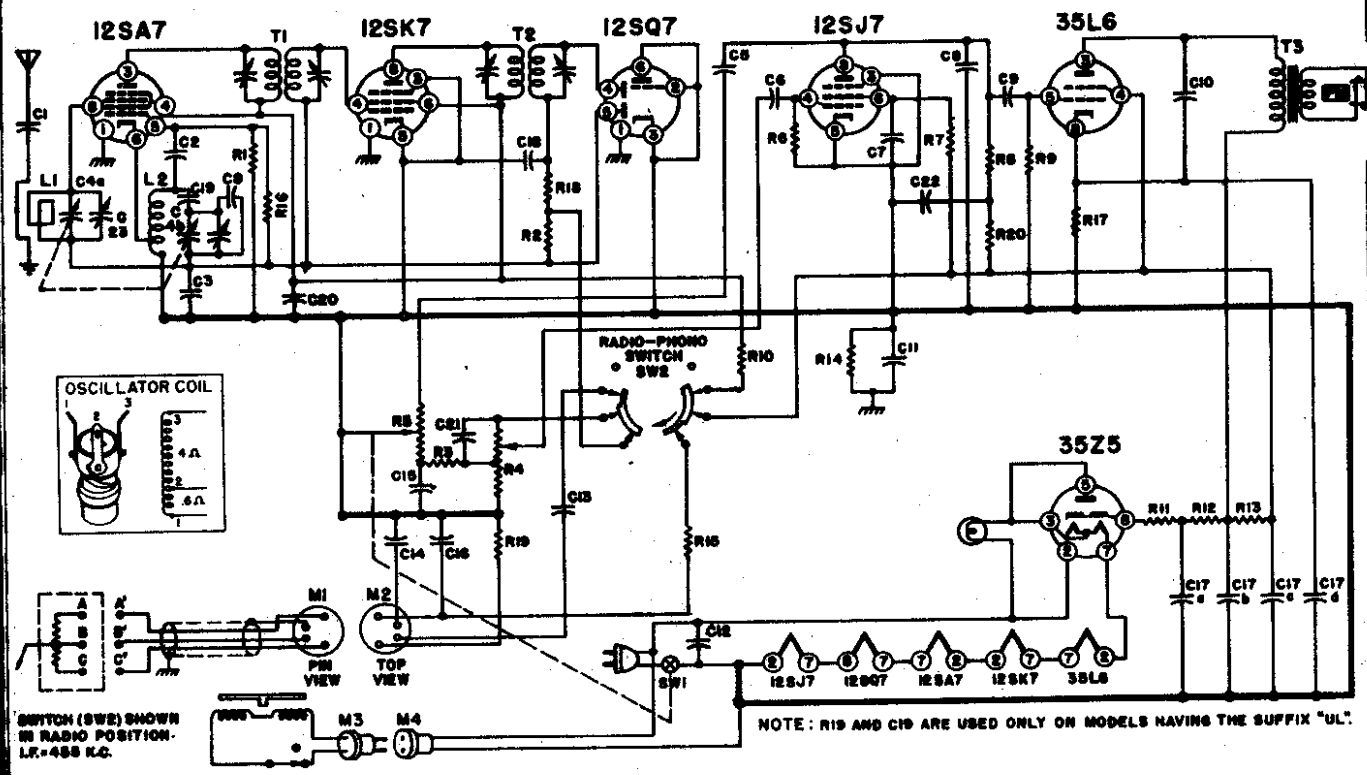


ADMIRAL CORPORATION

MODELS 7C60, 7C60UL
Chassis 6B1, Early,
Late



REPLACEMENT PARTS

Symbol	RESISTORS	Part No.
R1	22,000 Ohms, 1/2 Watt	60B 8-223
R2	1 Megohm, 1/2 Watt	60B 8-105
R3	27,000 Ohms, 1/2 Watt	60B 8-273
R4	1 Megohm Volume Control (Tapped at 500,000 ohms)	75B 2-6
R5	2 Megohm Tone Control and Switch SW1	75B 1-12
R6	4.7 Megohms, 1/2 Watt	60B 8-475
R7	1.8 Megohms, 1/2 Watt	60B 8-185
R8	100,000 Ohms, 1/2 Watt	60B 8-104
R9	470,000 Ohms, 1/2 Watt	60B 8-474
R10	100 Ohms, 1/2 Watt	60B 8-101
R11	33 Ohms, 1 Watt	60B 28-3
R12	220 Ohms, 1 Watt	60B 28-7
R13	1,000 Ohms, 1 Watt	60B 28-2
R14	150,000 Ohms, 1/2 Watt	60B 8-154
R15	22,000 Ohms, 1/2 Watt	60B 8-223
R16	10 Megohms, 1/2 Watt	60B 8-106
R17	150 Ohms, 1 Watt	60B 14-151
R18	100,000 Ohms, 1/2 Watt	60B 8-104
R19	33,000 Ohms, 1/2 Watt (Used only on "UL" models)	60B 8-333
R20	47,000 Ohms, 1/2 Watt	60B 8-473

Symbol	CONDENSERS	Part No.
C1	.005 mfd., 400 Volts, Paper (Used only in early production)	64B 1-12
C2	50 mmfd. ± 20%, Ceramic	65B 6-4
C3	1 mfd., 200 Volts, Paper	64B 1-30
C4a	Gang, 0 to 420 mmfd.	A1341
C4b	Gang, 0 to 162 mmfd. (Spotwelded to drum)	
C5	.002 mfd., 400 Volts, Paper	64B 1-14
C6	.01 mfd., 400 Volts, Paper	64B 1-25
C7	.05 mfd., 400 Volts, Paper	64B 1-22
C8	15 mmfd. ± 20%, Ceramic	65B 6-18
C9	.01 mfd., 400 Volts, Paper	64B 1-25
C10	.03 mfd., 400 Volts, Paper	64B 1-23
C11	.18 mfd., 200 Volts, Paper	64A 2-2

Symbol	CONDENSERS	Part No.
C12	.05 mfd., 400 Volts, Paper	64B 1-22
C13	.001 mfd., 600 Volts, Paper	64B 1-15
C14	.05 mfd., 400 Volts, Paper	64B 1-22
C15	.01 mfd., 400 Volts, Paper	64B 1-25
C16	.1 mfd., 200 Volts, Paper	64B 1-30
C17a	30 mfd., 150 Volts	Elect. 67A 14-1
C17b	30 mfd., 150 Volts	
C17c	20 mfd., 150 Volts	
C17d	20 mfd., 25 Volts	
C18	250 mmfd. ± 20%, Ceramic	65B 6-5
C19	.02 mfd., 400 Volts, Paper (Used only on "UL" models)	64B 1-24
C20	.05 mfd., 400 Volts, Paper	64B 1-22
C21	500 mmfd. ± 20%, Ceramic	65B 6-6
C22	1 mfd., 200 Volts, Paper	64B 1-30
C23	3-30 mmfd., Trimmer (Used only in later production)	Part of R5

Symbol	COILS, TRANSFORMERS, Etc.	Part No.
L1	Antenna, Loop	69B 13
L2	Coil, Oscillator	69A 14
T1	Transformer, 1st I.F.	72B 3
T2	Transformer, 2nd I.F.	72B 4
T3	Transformer, Output Speaker (6") & Output Transformer	98A 33-10
SW1	Switch, On-Off	78B 31-2
SW2	Switch, Radio-Phono	Part of R5

Description	CABINET PARTS	Part No.
Arm, Cabinet Lid Stay for 7C60W, 7C60M		98A 33-6
for 7C60B		98A 33-8
*Cabinet Walnut (7C60W)		35E 69-1
Mahogany (7C60M)		35E 69-2
Blond (7C60B)		35E 69-3
Dial Escutcheon, Plastic		23A 9-2
Dial Scale, Glass		21B 4B-1

Description	CABINET PARTS	Part No.
Grille Cloth for 7C60W		98A 33-11
for 7C60M		98A 33-12
for 7C60B		98A 33-13
Grille, Metal (for 7C60M, 7C60B)		98A 33-4
Hinge, Cabinet Lid for 7C60W, 7C60M		98A 33-5
for 7C60B		98A 33-9
Knob		33A 19-6
Lid, Cabinet for 7C60W		98A 33-1
for 7C60M		98A 33-2
for 7C60B		98A 33-3
Washer, Felt (under knobs)		5A 4-4

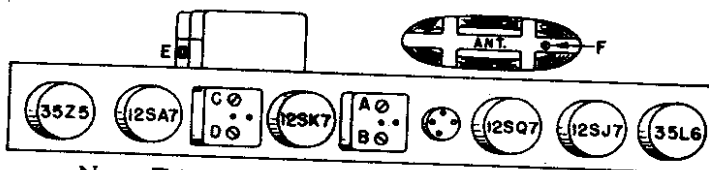
Description	PHONOGRAPH PARTS	Part No.
M1	Plug, Pickup	88A 8-5
M2	Socket, Phono	88A 8-6
M3	Plug, Motor	88A 8-1
M4	Phono-Motor Socket & Leads (Female connector)	89A 6-3
Cartridges and Needle, Pickup		A 1372
Centerpost		G 400B 137-1
Drive Disc Assembly		G 400A 179
Idler Wheel (407B3 Motor)		G 400A 23
Idler Wheel (407B1 Motor)		G 400A 57
Motor, 60 Cycle 115 Volt A.C.		407B 3-2
Pickup Cable and Plug		A 1322

Description	MISCELLANEOUS	Part No.
Background, Dial		22B 16
Cord, Dial (44")		50A 1-3
Grommet, Rubber		12A 1-2
Pilot Light Socket and Leads		82A 2-4
Pointer		25A 2-7
Pulley (Fibre) and Bracket Assembly		A 1014
Shaft, Tuning		28A 11-4
Spring, Dial Drum Card Tension		19B 1-3
* Supplied only if old cabinet cannot be repaired. When ordering, describe condition of old cabinet in detail.		

MODELS 7C60, 7C60U1

ADMIRAL CORPORATION

TUBE and TRIMMER LOCATION



Note: Trimmer "F" not used in early production.

TOP VIEW

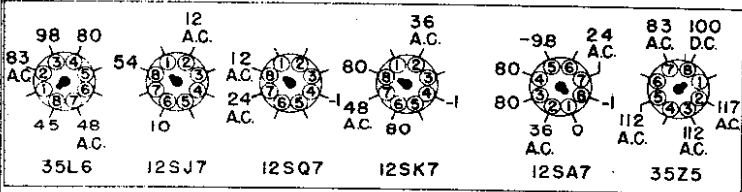
ALIGNMENT PROCEDURE

- Check pointer position. With tuning gang closed, the left edge of the pointer clip should be over the $\frac{1}{16}$ " hole at the extreme left end of the dial background (see stringing diagram).
- Connect Output Meter across Voice Coil.
- Turn Receiver Volume Control—full on.
- Use lowest Output setting of Signal Generator capable of producing adequate Output Meter indication and then proceed in the following sequence.
- Repeat adjustments to insure good results.

Connect Signal Generator to—	Dummy Antenna Between Radio and Generator	Set Generator Frequency to—	Set Receiver Dial Frequency to—	Adjust Following Trimmers	Type of Adjustment
Tuning Condenser Antenna Stator	250 mmfd. Condenser	455 K.C.	High frequency end of Dial	A-B—2nd I. F. C-D—1st I. F.	Adjust to maximum Output
Tuning Condenser Antenna Stator	250 mmfd. Condenser	1630 K.C.	High frequency end of Dial	E—Osc.	Adjust to maximum Output
Loop radiator (or place lead from generator close to loop of set to obtain adequate signal)	No actual connec- tion between set and generator.	1400 K.C.	Tune in generator signal	F—Ant. (See Note)	Adjust to maximum Output

Note: Antenna Trimmer "F" must be aligned after chassis and loop are mounted in cabinet. Trimmer "F" was not used in early production.

VOLTAGE DATA



REAR OF CHASSIS

- All readings made between Tube Terminals and B minus (lug on SW1).
- Measured on 117 Volt A.C. line.
- Dial turned to low frequency end, no signal.
- Voltage obtained on Vacuum Tube Voltmeter.
- Switch SW2 in "Radio" position.

DIAL STRINGING and POINTER SETTING

