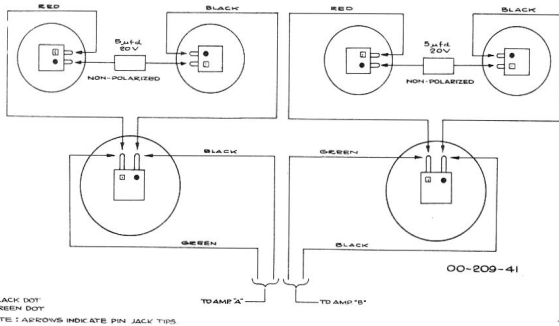
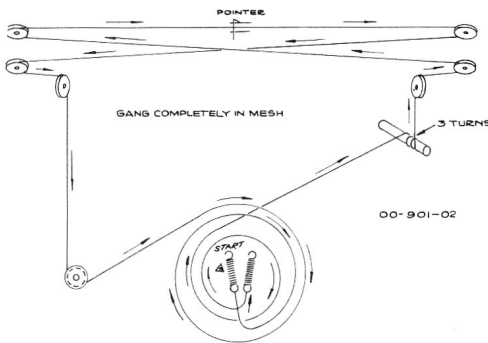


SPEAKER CONNECTIONS



● BLACK DOT
 □ GREEN DOT
 NOTE: ARROWS INDICATE PIN JACK TIPS

STRINGING DETAILS



PREAMPLIFIER SELECTOR (Specifications per Channel)

Frequency Response - 30 cps to 15,000 at Tape Input.
 Intermodulation Distortion - (at Tape Input) Less Than .5% at 2 v Output.
 Harmonic Distortion - At Tape Input .05% at 1 v Output
 Hum and Noise - (at Tape Input) 80 db Below 2 volts Rated Output
 Voltage Gain - 9.
 Measurements with tone Controls in flat position, level and contour controls fully clockwise.

Contour Control Dual Element - Designed to provide 15 db. lift at 30 cps. when control is 60° removed from CCW position with reference to response at 1000 cps. and at the same time provide 11 db lift at 15,000 cps.

Bass Tone Control Dual Element - Designed to provide 15 db. cut or lift at 50 cps. Covers sound spectrum from 20 - 1000 cps.

Treble Tone Control Dual Element - Designed to provide 15 db. cut or lift at 10,000 cps. Covers sound spectrum from 1000 - 15,000 cps.

RCS -373B AM-FM TUNER, PREAMP, SLAVE AMP, CHANGER

For operation on 105-125 Volts A.C.
 Cycle as marked.

When writing for service information or parts please quote Model number, Serial number and finish of cabinet.

SPECIFICATIONS

AM-FM TUNER -

A.M. Tuning Band - 535 to 1605 Kc.
 F.M. Tuning Band - 88 to 108 Mc.
 A.M. I.F. Frequency - 455Kc.
 F.M. I.F. Frequency - 10.7 Mc.
 Sensitivity - AM-2uv. for 100 mv. at output jack
 FM-3uv. for 20db. quieting
 Selectivity - AM-"Distant" Selector Switch Position
 16 Kc. Bandwidth at 10X Down.
 "Hi-Fi" Selector Switch Position
 24 Kc. Bandwidth at 10X Down.
 FM-"FM" Selector Switch Position
 300 Kc. Bandwidth at 10X Down.

SLAVE AMPLIFIER (Specifications per Channel)

Frequency Response - 30 cps. to 15,000 cps.
 Intermodulation Distortion - Less than 1.5% at 1w output.
 Hum and Noise - 80 db. below rated output.
 Voltage Input Required for 5w Output .85 V AC Nominal.
 Peak Power Output - 9 w ±1db.

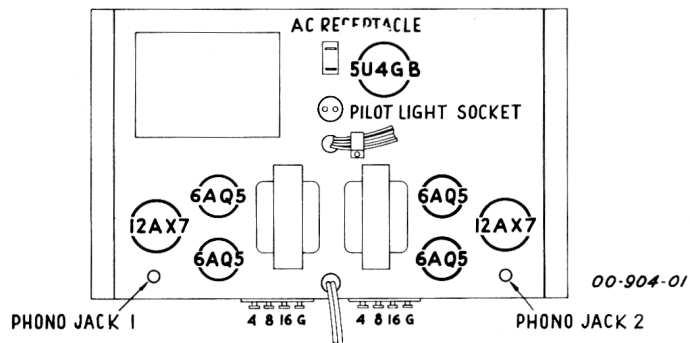
AM-FM TUNER ALIGNMENT

STEP	DUMMY ANTENNA	SIGNAL APPLIED TO	FREQ	MODULATION	BAND-SWITCH SETTING	DIAL POINTER SETTING	INDICATING METER	ADJUST	REMARKS	NOMINAL SENSITIVITY
1	.05 ufd	PIN #7 V8 (6BE6)	455 Kc/S	400 CPS AM AT 30%	#2 AM- SHARP (AM DAY)	600 Kc/S	AC-VTVM AUDIO OUTPUT	T9 & T10 1st & 2nd AM IF	ADJUST FOR MAXIMUM OUTPUT	300 uv FOR 100 mv OUTPUT
2	CHANGE BAND SWITCH SETTING TO POSITION #3-AM-WIDE BAND (AM-HI FI), TUNE SIGNAL GEN. ACROSS 440-470 Kc/S FREQ. RANGE AND CHECK FOR APPROXIMATE RESPONSE CURVE AS SHOWN THIS TEST CAN ALSO BE MADE WITH A PROPER SWEEP GEN. & SCOPE.									
3	200 uufd	AM ANT. TERM. STRIP #1	600 Kc/S	400 CPS AM AT 30%	#2 AM- SHARP (AM DAY)	600 Kc/S	AC-VTVM AUDIO OUTPUT	T6, T7 AND T8	CONNECT FOR LONG WIRE ANT. ADJUST FOR MAX. OUTPUT	2 uv FOR 100 mv OUTPUT
4	200 uufd	AM ANT. TERM. STRIP #1	1460 Kc/S	400 CPS AM AT 30%	#2 AM- SHARP (AM DAY)	1460 Kc/S	AC-VTVM AUDIO OUTPUT	C1A, C1E & C1C TRIMMERS	CONNECT FOR LONG WIRE ANT. ADJUST FOR MAX. OUTPUT	2 uv FOR 100 mv OUTPUT
5	REPEAT STEPS 3 & 4 AND CHECK FOR TRACKING AT 950 Kc/S									
6	UNGROUND- ED TUBE SHIELD	V2 (6U8) FM MIX- OSC.	10.7 Mc/S	NONE	#4 FM	POINT OF NO INTER- FERENCE	DC-VTVM TO TPA	T1, T2 & T3 1st, 2nd & 3rd FM IF	ADJUST FOR MAX- IMUM METER DEFLECTION	
7	UNGROUND- ED TUBE SHIELD	V2 (6U8) FM MIX- OSC.	10.7 Mc/S	NONE	#4 FM	POINT OF NO INTER- FERENCE	DC-VTVM ACROSS C 23	T4 FM RATIO DET TRANS	ADJUST PRIMARY (BOTTOM SLUG) FOR MAX. DEFLECTION	
8	UNGROUND- ED TUBE SHIELD	V2 (6U8) FM MIX- OSC.	10.7 Mc/S	NONE	#4 FM	POINT OF NO INTER- FERENCE	DC-VTVM TO MULTI PLEX O.P.	T4 FM RATIO DET TRANS	ADJUST SECONDARY (TOP SLUG) FOR ZERO VOLTAGE	
9	*	FM ANT. TERM. STRIP	90 Mc/S	400 CPS FM 75 Kc/S DEVIATION	#4 FM	90 Mc/S	AC-VTVM AUDIO OUTPUT	EXPAND OR COMPRESS L1, L2 & L3	ADJUST FOR MAXIMUM OUTPUT	3 uv FOR 20 db QUIETING
10	*	FM ANT. TERM. STRIP	106 Mc/S	400 CPS FM 75 Kc/S DEVIATION	#4 FM	106 Mc/S	AC-VTVM AUDIO OUTPUT	C1B, C1D & C1F TRIMMERS	ADJUST FOR MAXIMUM OUTPUT	3 uv FOR 20 db QUIETING
11	REPEAT STEPS 9 & 10 UNTIL OUTPUT DROPS AT LEAST 20db WITH INDICATED INPUT, WHEN FM MODULATION IS TURNED OFF									
12	NONE	INPUT SIDE OF 10Kc/S FILT.	1 Kc/S	NONE	#1 AM SHARP 10 Kc/S FILT. (AM. DIST)	REMOVE 6AUG V4	AC-VTVM AUDIO OUTPUT	ADJUST 1 Kc/S ON OUTPUT METER AND CHANGE GEN. TO 10 Kc/S	ATTENU- ATION 40 db MIN	

120 OHMS IN HOT LEAD AND 150 OHMS IN COLD LEAD FROM SIGNAL GENERATOR

SLAVE AMPLIFIER

RCS-373B



6 WATT DUAL SLAVE AMPLIFIER ! 7 TUBE

24-10040-01	60 Cycle Power Transformer
24-80031-01	Audio Output Transformer - 2 Used
44-67-01	Triple Electrolytic 40-20-20 ufd X 450 volt
44-68-01	Dual Electrolytic 100-100 ufd X 100 volt

FINAL ASSEMBLY

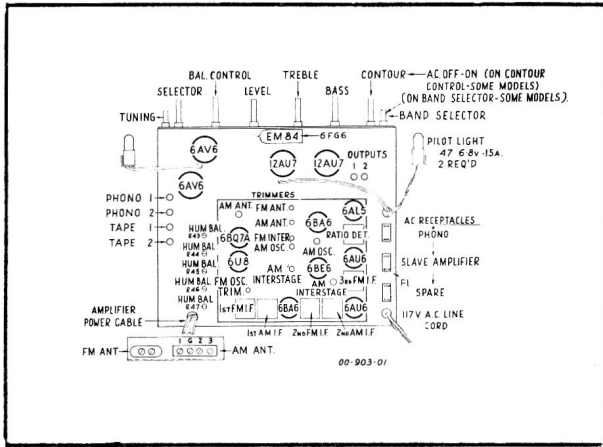
CHANGER

03-160022-01	Garrard 121 Mk 2 Complete Changer
16-120022-05	Plug in Pickup Case & Hardware
16-250011-01	Astatic 13TB Cartridge
26-2-01	S.P.S.T. Slider Switch
53-268-01	Stereo Monaural Plate
34-143-01	Switch Cover

FINAL ASSEMBLY

19-30003-01	3½" PM Tweeter 3.2ohm 4 Used
19-80006-01	8" PM Woofer 8ohm 2 Used
27-1-01	6.8 volt .25 amp No. 44 Pilot Lamp
27-4-01	6S6 145 volt 6w Clear Pilot Lamp
30-72-01	Control Panel
51-1-02	Loop Antenna Assembly
53-112-03	Glass Retaining Strip
53-44-07	Knob - 1 Used
53-44-08	Knob - 7 Used
53-142-01	Viking Ship Medallion

AM-FM TUNER & PREAMPLIFIER



HUM BALANCE CONTROLS

It may be found necessary to adjust the Hum Balance controls for minimum hum reproduction when the 12AU7 tubes on the preamp or the 6AV6 and 6AL5 tubes on the tuner are replaced. Set the Bass and Treble tone controls in their extreme right hand positions, the Selector Switch in one of the Phono positions the Level and Contour controls fully clockwise and adjust controls for minimum hum level.

8 TUBE AM FM TUNER

- 21-300-02 R.F. Heater Choke
- 21-326-11 R.F. Choke 3.3 uh
- 21-415-01 F.M. I.F. Transformer
- 21-421-01 B.C. Oscillator Coil
- 21-429-02 B.C. Interstage Coil
- 21-410-03 B.C. Antenna Coil
- 21-431-01 AM I.F. Transformer 1st
- 21-432-01 AM I.F. Transformer 2nd
- 21-436-01 FM R.F. Coil
- 21-437-01 FM Interstage Coil
- 21-438-01 FM Oscillator Coil
- 21-439-01 RF Choke 1 uh
- 21-439-02 RF Choke 2.2 uh
- 21-440-01 Balun
- 21-441-01 Ratio Detector

- 26-30-01 Band Selector Switch

- 44-11-01 Electrolytic 5 ufd X 50 volt

- 45-15-01 AM - FM Gang Condensor

- 50-5-01 Diode Filter

4 TUBE PREAMPLIFIER

- 14-115-02 Tuning Eye AM 84 6.3 volt

- 26-39-01 Push - Pull Switch

- 27-2-01 No. 47 6.8 volt .15 amp Pilot Lamp

- 30-73-01 Dial Scale

4 TUBE PREAMPLIFIER (Integrated)

CHASSIS ASSEMBLY

- 24-50001-01 Filament Transformer
- 26-38-01 Selector Switch
- 27-6-06 Fuse 3AG 250 volt
- 41-68-01 Dual Control - Balance
- 41-66-01 Dual Control - Level
- 41-100-01 Dual Control - Treble Bass
- 41-111-01..... Dual Control - Contour Switch
- 41-6-01 Potentiometer 100 ohm
- 44-70-01 Electrolytic 6 Used 25 ufd X 25 volt
- 44-69-01 Electrolytic 20-40-X450 volt

