

LESLIE 7230
CONSOLE CONNECTOR KIT
INSTALLATION INSTRUCTIONS

FOR USE WITH: WURLITZER Model 4030

LESLIE Speakers 125, 225, 145, 147, 147RV, 247, 247RV

MULTIPLE SPEAKER INSTALLATION: For complete information, see the service manual of the specific model LESLIE Speaker to be added.

CONTENTS OF KIT:

1 Console Connector	038570	1 Tremolo Control
1 Console Adapter	047787	039354 brown
1 6 Conductor Cable	017277	038362 ebony
1 Instructions	047803	039370 ivory
8 Insulated Staples	028464	
1 Oiler	053025	1 Echo Control
2 Screws, #8 x 1/2	029132	047829 brown
4 Screws, #6 x 1/2	029124	047837 ebony
5 Wire Nuts	028076	047845 ivory

TO INSTALL THE KIT:

1. Remove the ten screws fastening back and sides to the Wurlitzer chassis. Remove the back and side unit from the chassis.
2. Mount console connector to the underside of the tone generator support shelf. Use wood screws provided. (See Fig. 1)
3. Mount Leslie Echo and Tremolo controls beneath Wurlitzer keyboard using wood screws provided. (See "A" on Fig. 1)
4. Route Echo and Tremolo control cables to the console connector. (See "B" on Fig. 1) Fasten cables in place with staples provided.
5. Disconnect BLUE wire from its terminal on the LEFT Wurlitzer speaker. Connect GREEN adapter wire to the BLUE speaker wire, using the wire nut provided. (See "A" on Fig. 2)
6. Connect WHITE wire from the adapter to the terminal on the Left speaker formerly occupied by BLUE wire. (See "B" on Fig. 2)
7. Disconnect GREEN wire from its terminal on RIGHT Wurlitzer speaker. Connect RED adapter wire to the GREEN speaker wire, using the wire nut provided. (See "C" on Fig. 2)
8. Solder ORANGE wire from adapter to RIGHT speaker terminal formerly occupied by the GREEN wire. (See "D" on Fig. 2)
9. Solder BLACK adapter wire to the RIGHT Wurlitzer speaker terminal occupied by a black ground wire. (See "E" on Fig. 2)
10. Route adapter's AC power cord up through hole in the tone generator support shelf. (See "C" on Fig. 1)
11. Plug adapter's AC plug into "115 VAC" socket on the Wurlitzer amplifier. (See "D" on Fig. 1)

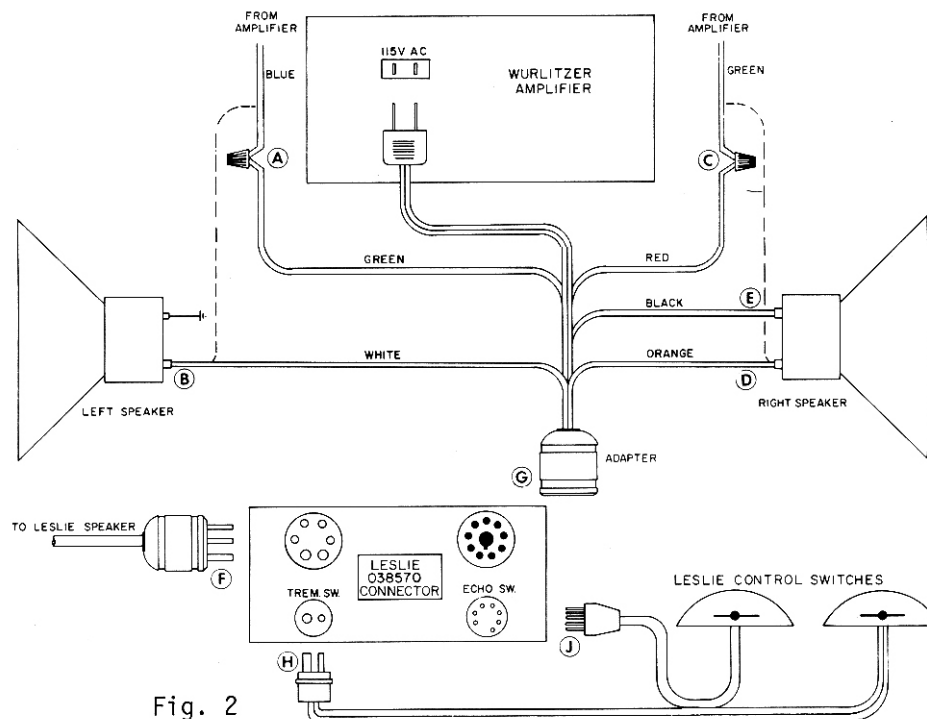
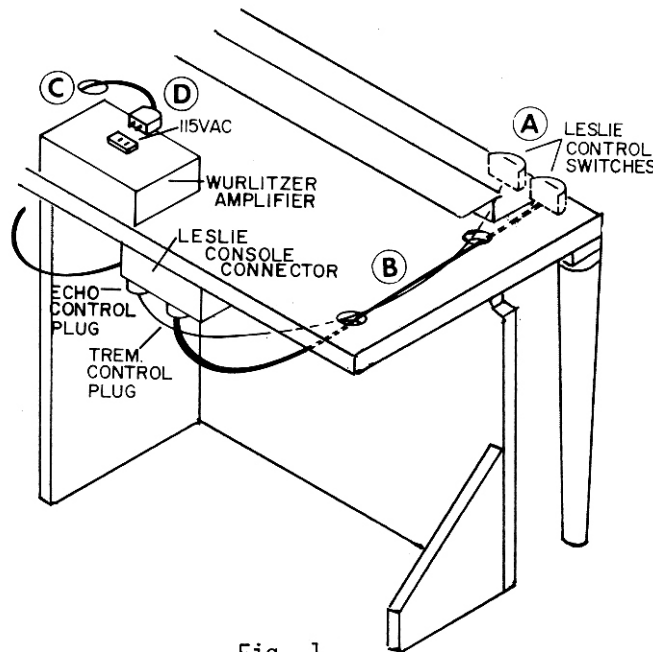
12. Insert adapter socket, Tremolo control plug, Echo control plug, and Leslie speaker cable plug into receptacles provided on the console connector. (See "F", "G", "H", and "J" on Fig. 2)

13. Setting load resistance:

For 145, 147, 147RV, 247, 247RV Speakers: Set amplifier load resistor switch to 16 ohms as outlined in the Leslie service manual.

For 125, 225 Speakers: Insert load resistor plug in amplifier socket as outlined in the Leslie 125/225 service manual.

14. Adjust speaker volume as outlined in the Leslie service manual for the speaker installed. Replace organ's back and sides. Installation is now complete.



SCHEMATIC: CONSOLE CONNECTOR W/CONTROLS

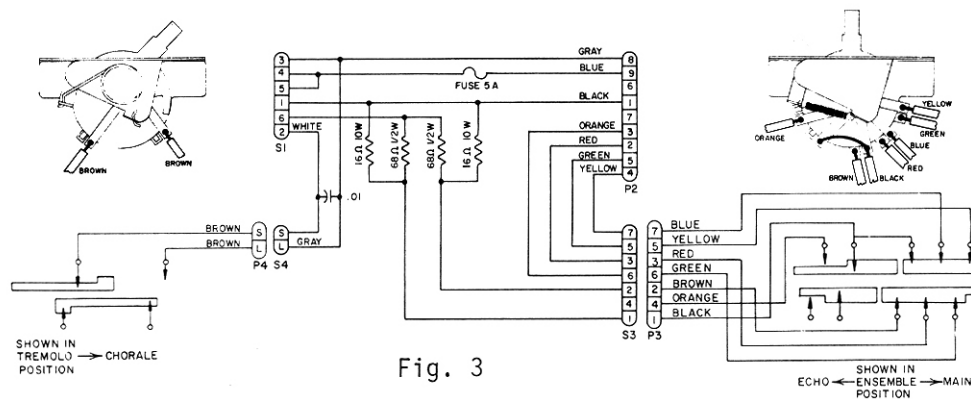


Fig. 3

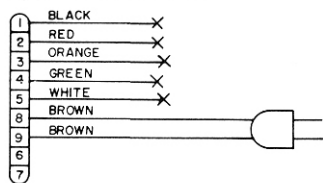
SWITCH POSITION	CONTACTS MADE
MAIN	BLUE/YELLOW. RED/GREEN
ENSEMBLE	BROWN/RED/GREEN; BLACK/BLUE/YELLOW
ECHO	BLACK/BLUE/ORANGE ; BROWN/RED

CONSOLE CONNECTOR PARTS LIST

Part No.	Description	EMI No.
C1	Capacitor, disk, .01 Mfd, 1000 V, 20%	060467
Fuse	Fuse, 5 Amp, 250 Volt	029280
P2	Plug, 9 Pin, w/mtg and screws	021170
R1, R2	Resistor, Wire Wound, 16 Ohm, 10W, 10%	029363
R3, R4	Resistor, 68 Ohm, 1/2 Watt, 10%	038661
S3	Socket, 7 Contact, Cinch	029306
S4	Socket, 2 Contact, Cinch	029298
S1	Socket, 6 Contact, Amphenol w/mtg plate	060459

047787 CONSOLE ADAPTER

047787 ADAPTER



S2 Fig. 4

Part	Description	EMI No.
S2	Socket, 9 Contact, Amphenol	028837
Cap, S2	Cap, w/Grommet	013136
	Wire Group	047779

PLUGS AND SOCKETS

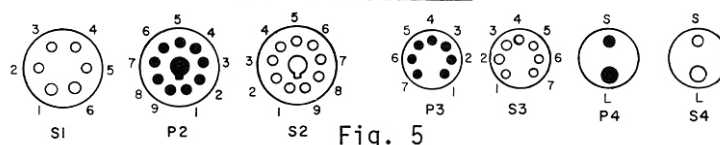


Fig. 5

PARTS LIST: TREMOLO AND ECHO CONTROLS

TREMOLO CONTROL

ECHO CONTROL

Tremolo Switch Case, Bracket & Block
039321 brown
039339 ebony
039347 ivory

Echo Switch Case, Bracket & Block
012336 brown
012351 ebony
012344 ivory

Switch Case Cover
048702 brown
048710 ebony
048728 ivory

Switch Case Cover
048702 brown
048710 ebony
048728 ivory

Switch Knob
048066 brown
048074 ebony

Switch Knob
048066 brown
048074 ebony

Switch Retainer (2) 048108

Switch Retainer (2) 048116

Switch Only 042911

Switch Only 029173

P4, Plug, 2 Pin,
Cinch 029165

P3, Cap 029231

P3, Plug,
7 Pin Methode 029223

ORDERING PARTS:

Standard hardware, connectors, and electronic components should be purchased locally. Non-standard items may be obtained through a Leslie speaker dealer. Orders should include part numbers shown above.