

LESLIE 9543 CONSOLE CONNECTOR KIT INSTALLATION INSTRUCTIONS

FOR USE WITH: WURLITZER Models 4300, 4500, 4520

LESLIE 825 Speaker

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	048298	2 Echo Controls
1 9-Conductor Cable	021600	046854 brown
1 Instructions	048348	046862 ebony
12 Insulated Staples	028464	046870 ivory
1 Oiler	053025	
2 Screws, 8 x 1/2	029132	1 Tremolo Control
6 Screws, 6 x 3/16	032086	047019 brown
1 117V Plug, 3-Way	029611	047027 ebony
	047035 ivory	

TO INSTALL THE KIT.

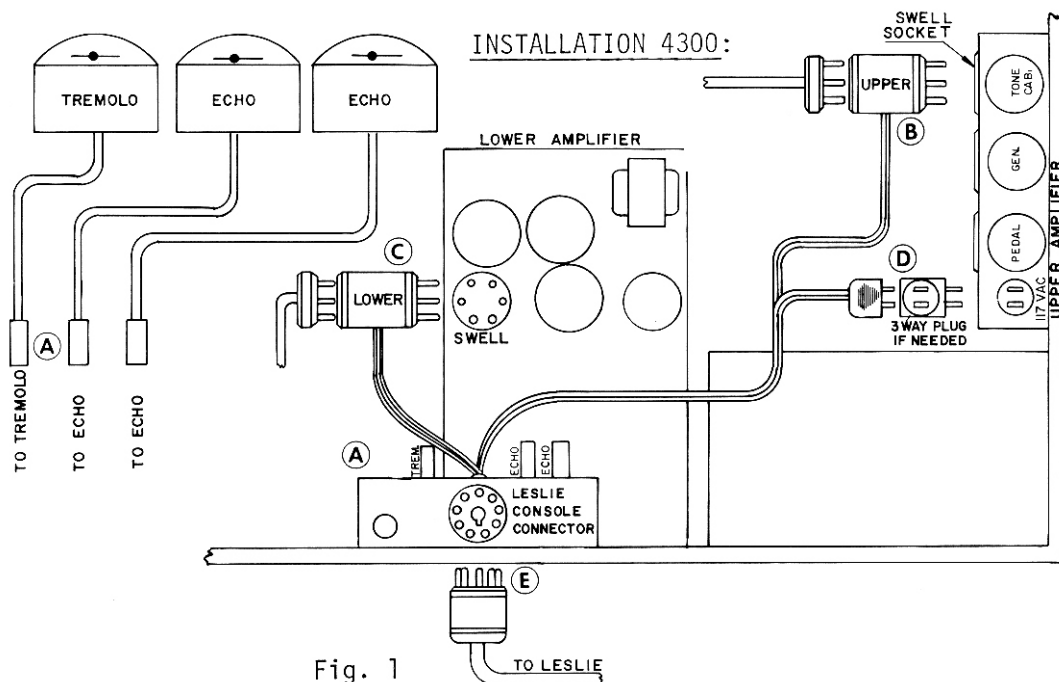
1. Mount the Echo and Tremolo Control Switches to the underside of the wooden rail located in front of the lower manual. Use black oxide screws provided.
2. Route the control cables under the lower manual. Pass cables through opening at the extreme right of the keyboard shelf. If no opening is provided, drill a 1" hole in the keyboard shelf just under the lower manual. Fasten cables in place with staples provided.
3. For Wurlitzer Model 4300. Mount console connector to bottom shelf within reach of the adapter and control cables. Use wood screws provided. (See Fig. 1)

For Wurlitzer Models 4500; 4520. Mount console connector to underside of the tone generator support shelf within reach of adapter and control cables. Use wood screws provided. (See Fig. 2)

4. Plug Echo and Tremolo control cables into the proper receptacles on the console connector chassis. (See "A" on Fig. 1 & 2)
5. Remove the 6 pin speaker plug from the SWELL socket on the upper amplifier and plug it into the console connector's upper interceptor socket. (See "B" on Figs. 1 & 2)

NOTE: On Wurlitzer Models 4500 and 4520, the upper amplifier is mounted below and to left of the lower amplifier.

6. Plug the "upper" interceptor plug into the SWELL socket on the upper amplifier.
(See "B" on Figs. 1 & 2)
 7. Remove the 6 pin speaker plug from the SWELL socket on the lower amplifier and plug it into the console connector's "lower" interceptor socket. (See "C" on Figs. 1 & 2)
 8. Plug the "lower" interceptor plug into the SWELL socket on the lower amplifier. (See "C" on Figs. 1 & 2)
 9. Plug the adapter cable power cord into a switched 117 VAC socket on either amplifier. (See "D" on Figs. 1 & 2)
- NOTE: On some models, this socket may be occupied. If this is the case, use the 3-way cube plug provided.
10. Plug the Leslie 825 Speaker cable into its console connector socket. (See "E" on Figs. 1 & 2)
 11. Adjust the volume as outlined in the Leslie service manual. Installation is now complete.



INSTALLATION 4500; 4520:

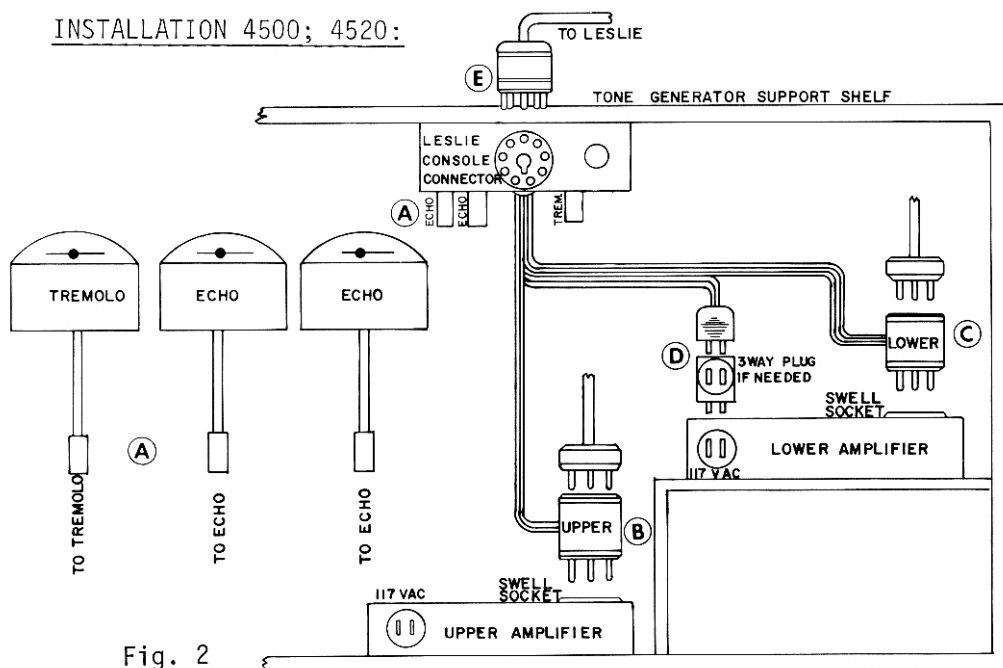


Fig. 2

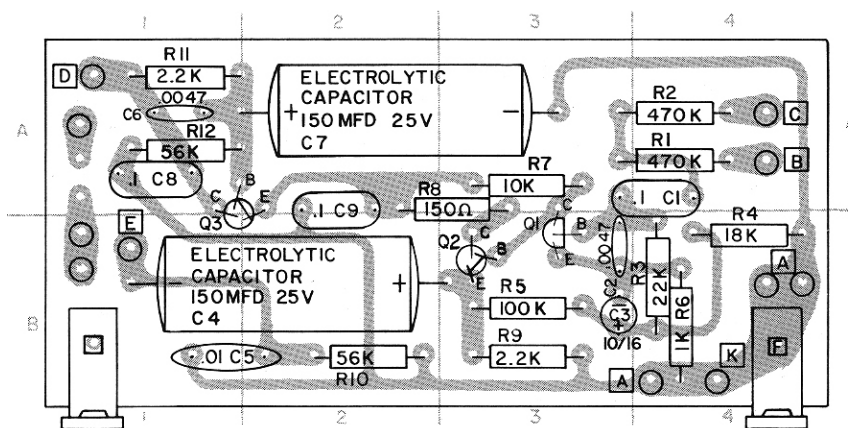


Fig. 3

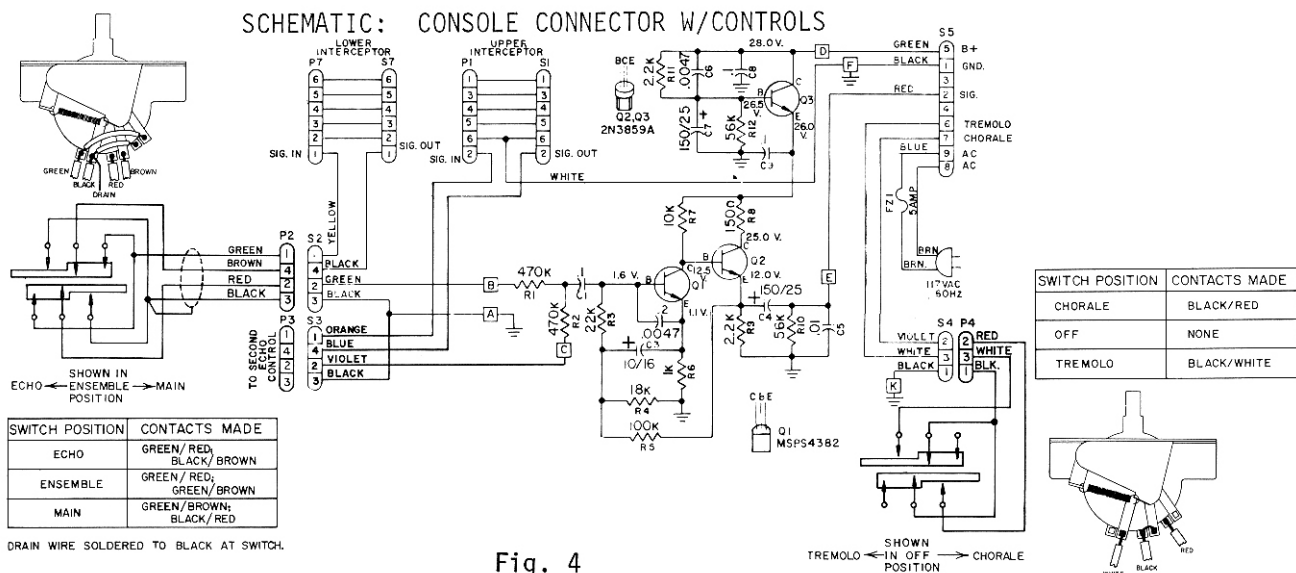


Fig. 4

CIRCUIT BOARD PARTS LIST:

PART	LOCATION	DESCRIPTION	EMI NO.
C1	A4	Capacitor, Poly, .1 Mfd, 250V, 20%	022251
C2	B3	Capacitor, Disk, .0047 Mfd, 100V, 10%	028431
C3	B3	Capacitor, Tantalum, 10 Mfd, 16V	041707
C4	B1	Capacitor, Electrolytic, 150 Mfd, 25V	031294
C5	B2	Capacitor, Disk, .01 Mfd, 1000V, 20%	060467
C6	A1	Capacitor, Disk, .0047 Mfd, 100V, 10%	028431
C7	A2	Capacitor, Electrolytic, 150 Mfd, 25V	031294
C8	A1	Capacitor, Poly, .1 Mfd, 250V, 20%	022251
C9	A2	Capacitor, Poly, .1 Mfd, 250V, 20%	022251
Q1	B3	Transistor, MSPS 4382	026237
Q2	B3	Transistor, 2N3859A	061366
Q3	B1	Transistor, 2N3859A	061366
R1	A4	Resistor, 470K, 1/2 Watt, 10%	018002
R2	A4	Resistor, 470K, 1/2 Watt, 10%	018002
R3	B4	Resistor, 22K, 1/2 Watt, 10%	028530
R4	B4	Resistor, 18K, 1/2 Watt, 10%	018028
R5	B3	Resistor, 100K, 1/2 Watt, 10%	028498
R6	B4	Resistor, 1K, 1/2 Watt, 5%	018044
R7	A3	Resistor, 10K, 1/2 Watt, 10%	028548
R8	A2	Resistor, 150 Ohm, 1/2 Watt, 10%	024158
R9	B3	Resistor, 2.2K, 1/2 Watt, 10%	028571
R10	B2	Resistor, 56K, 1/2 Watt, 10%	024133
R11	A1	Resistor, 2.2K, 1/2 Watt, 10%	028571
R12	A1	Resistor, 56K, 1/2 Watt, 10%	024133

PARTS LIST: ECHO AND TREMOLO CONTROLS

ECHO CONTROL

Echo Switch Case (2)

029454 brown

029462 ebony

029470 ivory

Switch Case Cover (2)

048702 brown

048710 ebony

048728 ivory

Switch Knob

048066 brown

048074 ebony

Switch Retainer (4)

048116

Switch Only (2)

010249

4-Pin Plug Housing (2)

042101

TREMOLO CONTROL

Tremolo Switch Case

046979 brown

046987 ebony

046995 ivory

Switch Case Cover

048702 brown

048710 ebony

048728 ivory

Switch Knob

048066 brown

048074 ebony

Switch Retainer (2)

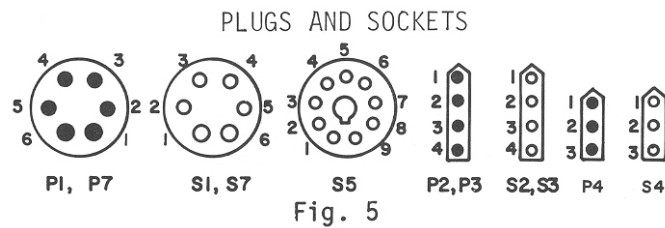
048108

Switch Only

010249

3-Pin Plug Housing

042085



CONSOLE CONNECTOR PARTS LIST

Part No.	Description	EMI No.
P1, P7	Plug, 6 Pin -Amphenol	061721
S1, S7	Socket, 6 Contact -Amphenol	029546
P2, P3	Housing, Plug, 4-Circuit -Molex	042101
P2, P3	Male Contact -Molex	233309
S2, S3	Housing, Socket, 4-Circuit -Molex	042093
S2, S3	Female Contact -Molex	023556
P4	Housing, Plug, 3-Circuit -Molex	042085
P4	Male Contact -Molex	023309
S4	Housing, Socket, 3-Circuit -Molex	042077
S4	Female Contact -Molex	023556
S5	Socket, 9 Contact, w/rntng plate	061713

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.