

LESLIE 9043 CONSOLE CONNECTOR KIT INSTALLATION INSTRUCTIONS
FOR USE WITH: WURLITZER Models 4300, 4500, 4520
LESLIE 900 Speaker

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

CONTENTS OF KIT.

		2 Echo Controls	
		046854 brown	
1 Console Connector	047290	046862 ebony	
1 9-Conductor Cable	021600	046870 ivory	1 Reverb Control
1 Instructions	047076		047118 brown
5 Insulated Staples	028464	1 Tremolo Control	047126 ebony
1 Oiler	053025	047019 brown	047134 ivory
2 Screws, 8 x 1/2	029132	047027 ebony	
8 Screws, 6 x 3/4	032086	047035 ivory	
1 3-Way Plug, 117V	029611		

TO INSTALL THE KIT:

1. Mount the Echo, Tremolo, and Reverb Control Switches to the underside of the wooden rail located in front of the lower manual. Use wood 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 SWELL socket and control cables. Use wood screws provided. (See Fig. 1)

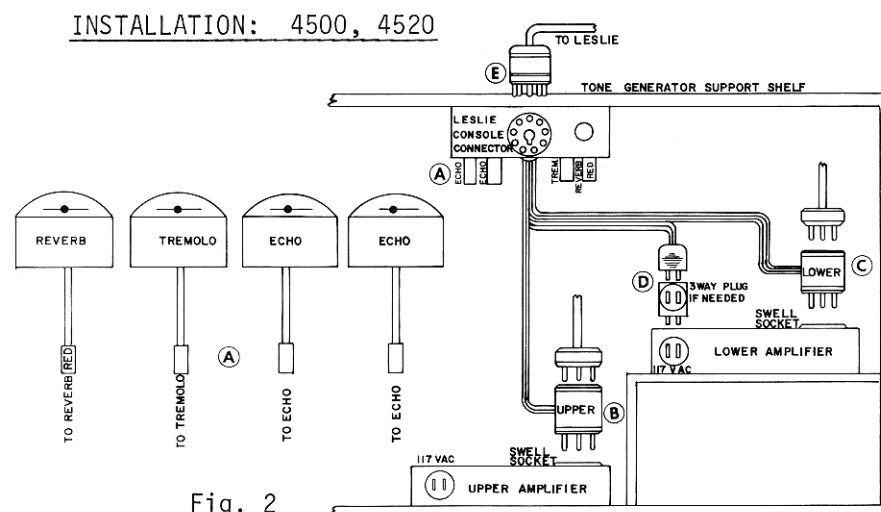
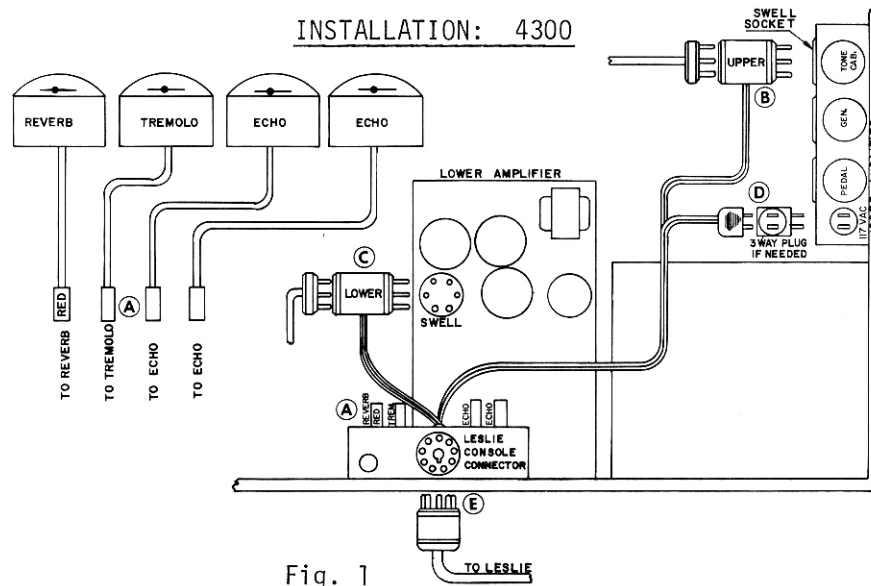
For Wurlitzer Models 4500; 4520. Mount console connector to underside of the tone generator support shelf within reach of the SWELL socket and control cables. Use wood screws provided. (See Fig. 2)

4. Plug Echo, Tremolo, and Reverb 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 the lower 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 900 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.



CIRCUIT BOARD (047175)

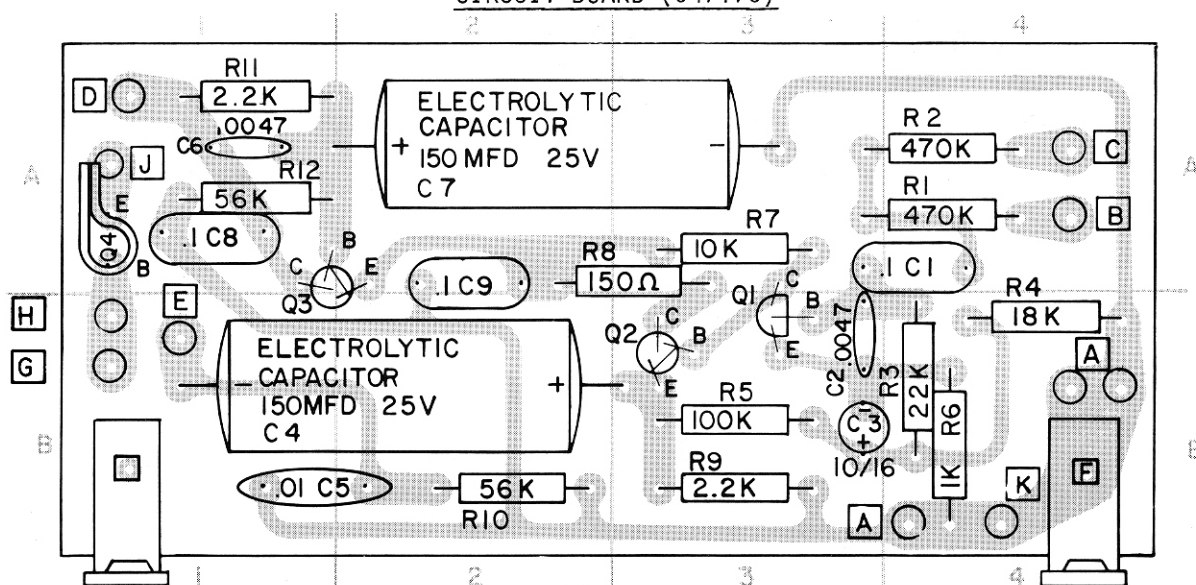


Fig. 3

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, .1Mfd, 250V, 20%	022251
C9	A2	Capacitor, Poly, .1Mfd, 250V, 20%	022251
Q1	B3	Transistor, MSPS 4382	026237
Q2	B3	Transistor, 2N3859A	061366
Q3	B1	Transistor, 2N3859A	061366
Q4	A1	NPN Transistor, 2N4425	033563
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

PLUG & SOCKET DIAGRAM

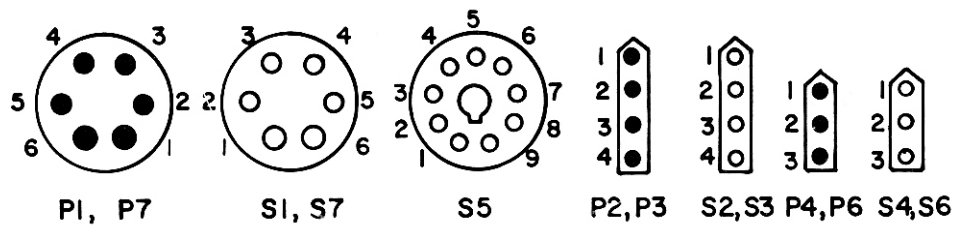


Fig. 3

PLUG AND SOCKETS

P1, P7	Plug, 6 Pin -Ampheno1	061721
S1, S7	Socket, 6 Contact -Amphenol	029546
P2, P3	Housing, Plug, 4-Circuit -Molex	042101
P2, P3	Male Contact -Molex	023309
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/mtng plate	061713
P6	Housing, Socket, 3-Circuit, Red -Molex	043265
P6	Male Contact -Molex	023309
S6	Housing, Plug, 3-Circuit, Red -Molex	043323
S6	Female Contact -Molex	023556

ECHO CONTROL

REVERB CONTROL

TREMOLO CONTROL

Echo Switch Case (2)	Reverb Switch Case	Tremolo Switch Case
029454 brown	047084 brown	046979 brown
029462 ebony	047092 ebony	046987 ebony
029470 ivory	047100 ivory	046995 ivory
Switch Case Cover (2)	Switch Case Cover	Switch Case Cover
048702 brown	048702 brown	048702 brown
048710 ebony	048710 ebony	048710 ebony
048728 ivory	048728 ivory	048728 ivory
Switch Knob (2)	Switch Knob	Switch Knob
048066 brown	048066 brown	048066 brown
048074 ebony	048074 ebony	048074 ebony
Switch Retainer (4) 048116	Switch Retainer (2) 048116	Switch Retainer (2) 048108
Switch Only (2) 010249	Switch Only 010249	Switch Only 010249
4-Pin Plug (2) 042101	3-Pin Plug 043323	3-Pin Plug 042085
Housing	Housing	Housing

SCHEMATIC: CONSOLE CONNECTOR AND CONTROLS

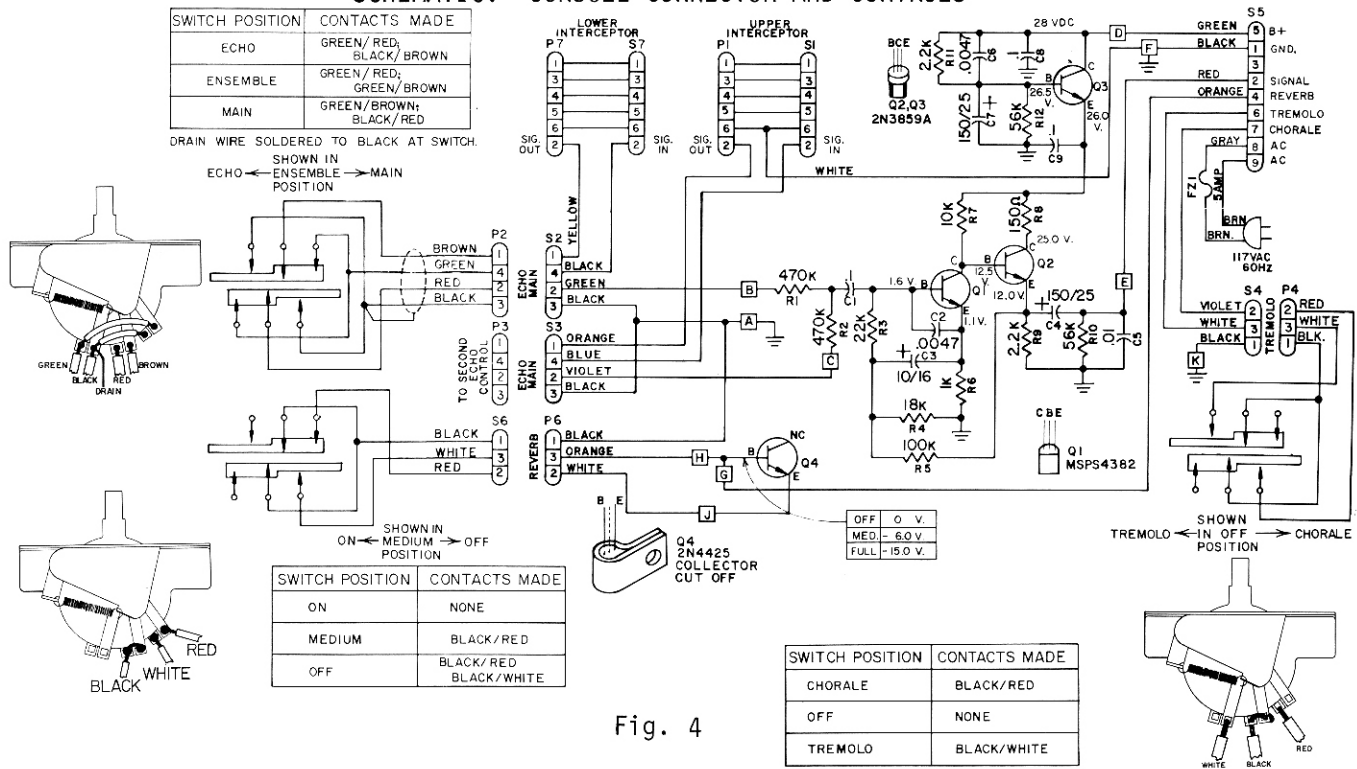


Fig. 4

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.