

LESLIE 9430 CONSOLE CONNECTOR KIT INSTALLATION INSTRUCTIONS
FOR USE WITH: WURLITZER Model 4300D
LESLIE Model 900 Speaker

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

CONTENTS OF KIT:

		1 Tremolo Control	
		047019 brown	
1 Console Connector	047142	047027 ebony	
1 9-Conductor Cable	021600	047035 ivory	1 Reverb Control
1 Instructions	047068		047118 brown
1 Oiler	053025	2 Echo Controls	047126 ebony
16 Insulated Staples	028464	046854 brown	047134 ivory
2 Screws, 8 x 1/2	029132	046862 ebony	
8 Screws, 6 x 3/4	032086	046870 ivory	
1 Plug, 117V, 3-Way	029611		

TO INSTALL THE KIT:

1. Mount 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 Echo, Tremolo, and Reverb 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. At rear of organ, unfasten and swing open the hinged rack supporting the tone generators. Mount console connector chassis exactly as shown in Figure 1A.
4. Plug Echo, Tremolo, and Reverb control cables into their receptacles on the mounted console connector. (See "A" on Fig. 1)
5. Unplug 9-pin plug from SWELL socket on the Wurlitzer amplifier. Plug it into console connector's SWELL interceptor socket. (See "B" on Fig. 1)
6. Insert SWELL interceptor's plug into SWELL socket on the Wurlitzer amplifier. (See "B" on Fig.1)
7. Plug the Leslie 900 Speaker cable into its console connector socket. (See "C" on Fig. 1)
8. Insert console connector's AC plug into either switched 115 VAC socket on the Wurlitzer amplifier. (See "D" on Fig. 1)

NOTE: If these sockets are occupied, use the three-way cube plug provided in the hardware kit.

9. Adjust speaker volume as outlined in the Leslie 900 Speaker Service Manual.
Console connector installation is now complete.

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, 1000V 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	Transistor, NPN, 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
P1	Plug, 9 Pin -Amphenol		024653
S1	Socket, 9 Contact -Amphenol		028837
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

Echo Switch Case (2)

029454 brown

029462 ebony

029470 ivory

Switch Case Cover (2)

048702 brown

048710 ebony

048728 ivory

Switch Knob (2)

048066 brown

048074 ebony

Switch Retainer (4) 048116

Switch Only (2) 010249

4-Pin Plug (2) 042101

Housing

REVERB CONTROL

Reverb Switch Case

047084 brown

047092 ebony

047100 ivory

Switch Case Cover

048702 brown

048710 ebony

048728 ivory

Switch Knob

048066 brown

048074 ebony

Switch Retainer (2) 048116

Switch Only 010249

3-Pin Plug 043323

Housing

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

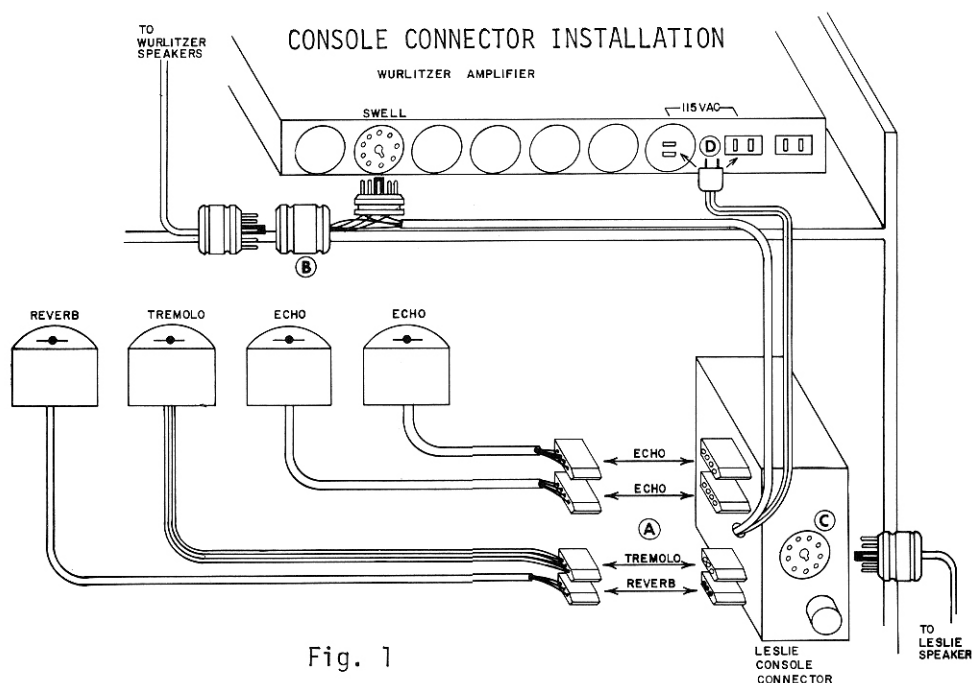
Switch Only 010249

3-Pin Plug 042085

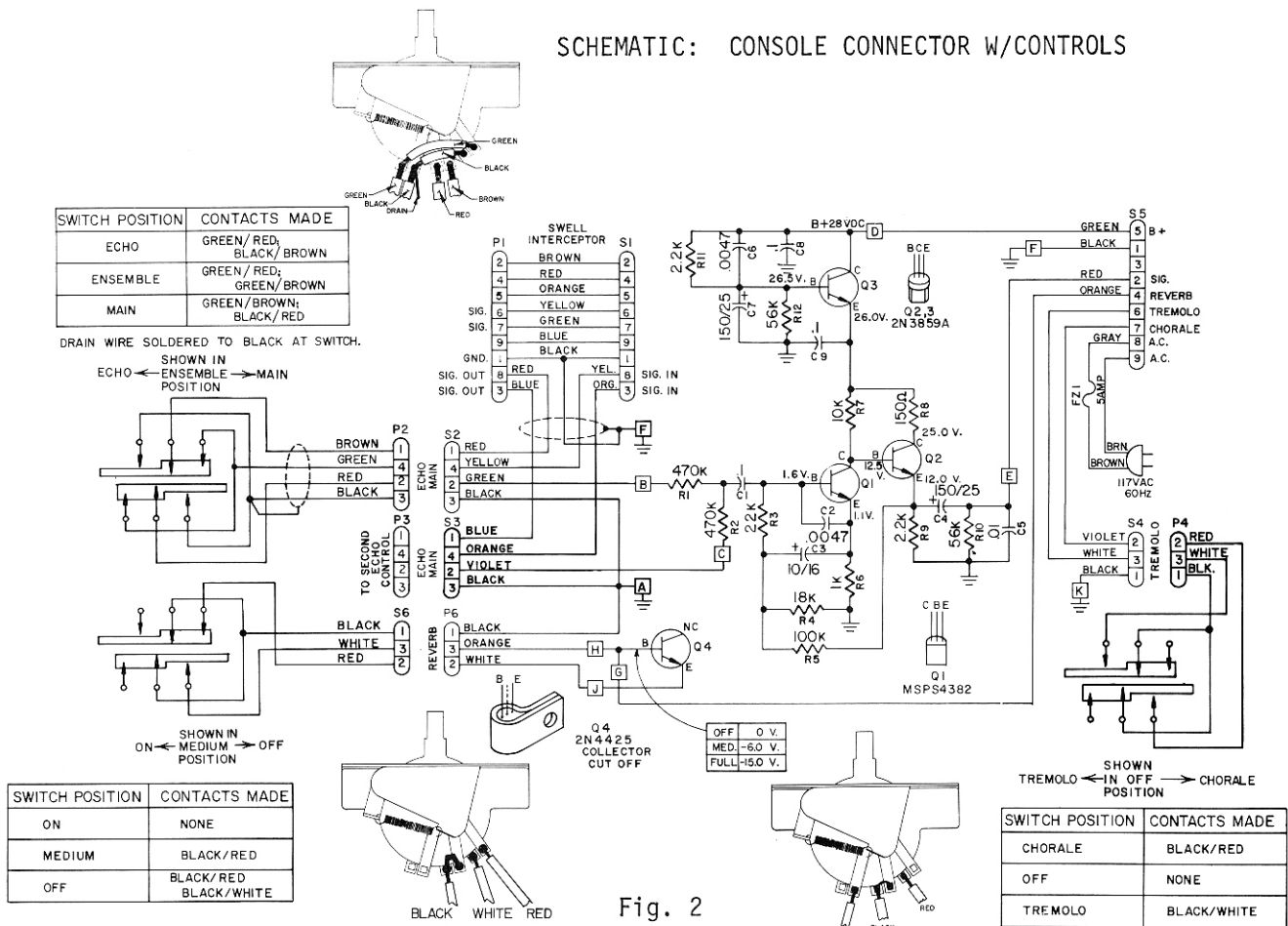
Housing

ORDERING PARTS:

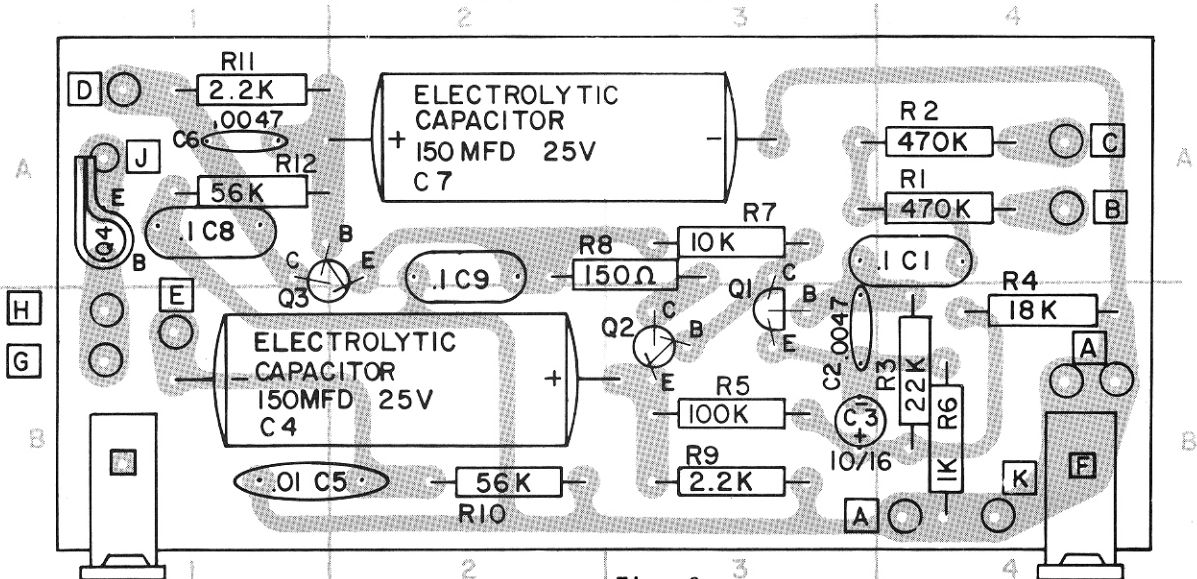
Standard hardware, connectors, and electronic components should be purchased locally. Non-standard items may be obtained through a Leslie speaker dealer. Orders should include part numbers shown above.



SCHEMATIC: CONSOLE CONNECTOR W/CONTROLS



047175 CIRCUIT BOARD



PLUGS AND SOCKETS

