

LESLIE CONSOLE CONNECTOR KIT 9537 INSTALLATION INSTRUCTIONS
FOR USE WITH: LESLIE Speaker Model 825
WURLITZER Organ Model 4037

MULTIPLE SPEAKER INSTALLATION: For complete information, consult the owner's manual of the LESLIE speaker to be added.

KIT CONTENTS:

		Echo Control	
1	066605	Console Connector	046854 Brown
1	021600	9 Conductor Speaker Cable	046862 Ebony
1	029611	3-Way Plug, 117V	046870 Ivory
1	066753	Installation Instruction	1 Tremolo Control
2	066498	Mounting Blocks	047019 Brown
1	053025	Oiler	047027 Ebony
2	029132	Screws, #8 x 1/2"	047035 Ivory
4	032086	Wood Screws, #6 x 3/4", Blk Oxide	
8	028464	Insulated Staples	

1. Remove Wurlitzer back panel. Open hinged back which supports the tone generators. Remove top panel from top of organ to expose the amplifier section.
2. Mount console connector to underside of amplifier shelf in the tone generator compartment. Use the two cadmium plated screws supplied in the hardware kit.
3. Mount echo and tremolo controls to wooden rail beneath the lower keyboard. Use the wooden mounting blocks from the hardware kit as spacers. First insert two black oxide screws through the switch case: then through the mounting block. Fasten switch case and block beneath the lower keyboard.
4. Route echo and tremolo control cables under lower keyboard, through keyboard shelf, and into the tone generator compartment. If no opening is provided, drill a 1" hole in the keyboard shelf beneath the lower keyboard. Use insulated staples from hardware kit to fasten cables to organ.
5. Insert echo and tremolo control plugs into their respective console connector sockets. (See "A" on Fig. 1.)
6. Remove the screws fastening synthesizer (3rd Manual) amplifier frame to organ. Lift this bracketed frame to expose the access hole in Main/Tibia amp shelf.
- 7 Run console connector's interceptor and AC plug through access hole in the amplifier shelf. (See "B" on Fig. I.) Replace synthesizer (3rd Manual) amplifier frame and secure it with its mounting screws
8. Detach the molex SWELL plug from the synthesizer (3rd Manual) amplifier. (See "C" on Fig. 1.)This plug is the one nearest rear of organ.

9. Insert plug end of console connector interceptor into the synthesizer (3rd Manual) amp. lifier SWELL socket. (See "C" on Fig. 1)
10. Insert Wurlitzer upper SWELL plug into interceptor socket. (See "D" on Fig. 1)
11. Disconnect tape recorder power plug from AC socket on Main/Tibia amplifier. (See "E" on Fig. 1)
12. Insert tape recorder power plug into 3 -way plug provided in kit. (See "F" on Fig. 1.)
13. Insert console connector AC plug into one of the vacant sockets on 3-way plug. (See "G" on Fig. 1)
14. Insert 3-way plug into AC socket on Wurlitzer Main/Tibia amplifier. (See "E" on Fig. 1)
15. Connect the 9 conductor speaker cable to LESLIE SPEAKER socket on console connector and the Model 700 speaker. (See "H" on Fig. 1)
16. Reattach hinged back supporting Wurlitzer tone generators. Replace organ top and back panel.
17. Adjust speaker volume as outlined in VOLUME CONTROL ADJUSTMENT section of Model 825 Owner's Manual. Installation is complete.

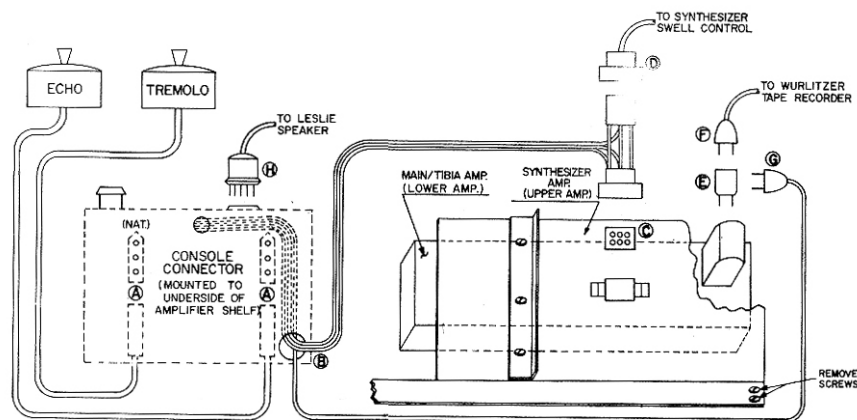


Fig. 1 9537 CONSOLE CONNECTOR w/CONTROLS
and 021600 SPEAKER CABLE

SWITCH POSITION	CONTACTS MADE
ECHO	GREEN/RED; BLACK/BROWN
ENSEMBLE	GREEN/RED; GREEN/BROWN
MAIN	GREEN/BROWN; BLACK/RED

DRAIN WIRE SOLDERED TO BLACK AT SWITCH.

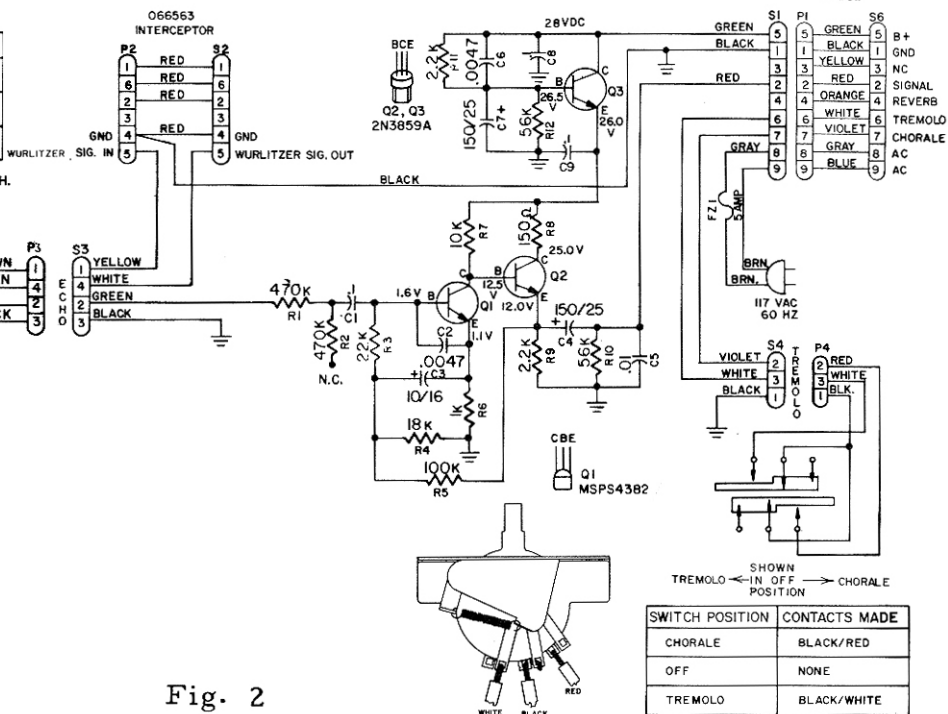
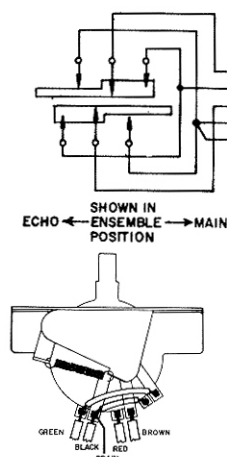


Fig. 2

PARTS SIDE: 046797 CIRCUIT BOARD

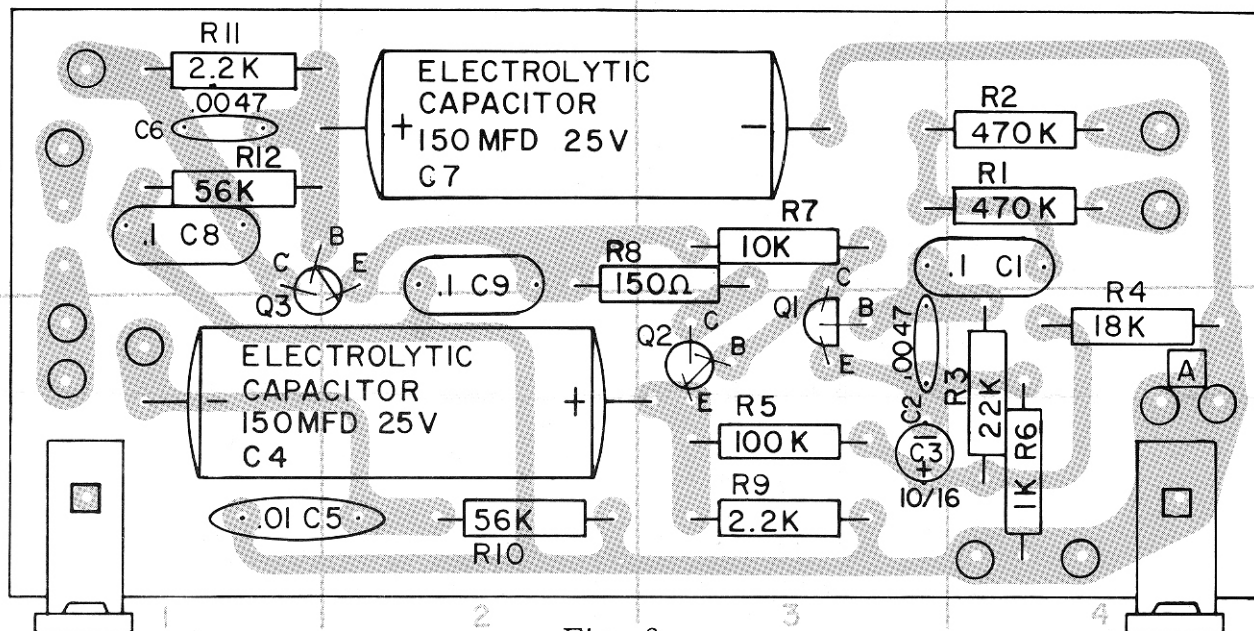


Fig. 3

CIRCUIT BOARD PARTS LIST

PART	LOCATION	DESCRIPTION	EMI NO.
C 1	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	A 1	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, 1001K, 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: 066605 CONSOLE CONNECTOR

066563	Miniature Molex Interceptor Assembly
046797	Circuit Board Assembly
061713	(S1) Socket, 9 Contact w/Mtg Plate
055178	Fuseholder
029280	Fuse, 5A, 250V
028811	Grommet, Strain Relief, 9/16"x3/8"x 1/4"
042093	(S3) 4 Ckt Molex Socket Housing -Nat. w/Tabs
023556	(S3) Female Molex Insert (4 Req'd)
042077	(S4) 3 Ckt Molex Socket Housing -Nat. w/Tabs
023556	(S4) Female Molex Insert (3 Req'd)

021600 SPEAKER CABLE

061879	(P1) Plug Assembly, 9 Pin
028837	(S6) Socket, 9 Contact

ECHO CONTROL TREMOLO CONTROL

Echo Switch Case

029454	Brown
029462	Ebony
029470	Ivory

Switch Case Cover

048702	Brown
048710	Ebony
048728	Ivory

Switch Knob

048066	Brown
048074	Ebony

Switch Retainer (2) 048116

Switch Only 010249

(P3) 4 Ckt Molex Plug 042101

Housing -Nat.

(P3) Male Molex 023556

Insert (4 req'd)

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

(P4) 3 Ckt Molex Plug 042085

Housing -Nat.

(P4) Male Molex 023556

Insert (3 req'd)

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 listed.

