

LESLIE CONSOLE CONNECTOR 7460 INSTALLATION INSTRUCTIONS

FOR USE WITH: LESLIE Speaker Model 212S

WURLITZER Organ Model 4030, 4035

KIT CONTENTS:

1	066381	Console Connector	Tremolo Control (2 Required)
1	066506	Installation Instruction	019554 Brown
1	053025	Oiler	019562 Ebony
1	021600	9 Conductor Cable	019570 Ivory
3	066498	Switch Mounting Blocks	1 Echo Control
6	032086	Wood Screws. #6 x 3/411, Blk Oxide	066464 Brown
16	028464	Staples	066472 Ebony
1	029611	3 - Way Plug, 117V	066480 Ivory

TO INSTALL:

1. Open the hinged back supporting the tone generator. Remove top board to permit access to the Wurlitzer amplifier.
 2. Mount console connector on the shelf within the tone generator compartment. Use the two cadmium plated screws supplied in the hardware kit.
 3. Mount the echo and tremolo controls beneath the lower manual. Use the wooden mounting blocks from the hardware kit as spacers. First insert two black oxide screws through the switch case; then the mounting block. Fasten switch case and block beneath the lower manual.
 4. Route tremolo and echo control cables under lower manual, through keyboard shelf, and into the tone generator compartment. If no opening is provided, drill a 7/8" hole in the keyboard shelf just beneath lower manual. Use insulated staples provided to fasten cables to organ.
 5. Insert echo and tremolo control plugs into matching console connector sockets. (See "A" on Fig. 1.) Echo plugs are interchangeable and may be inserted into either five contact socket.
- NOTE: The echo switch controls both Main and Tibia signal output to the Model 2125 speaker. If you desire to control the Main and Tibia signal output separately, order an identical echo control. Then simply detach either echo control plug and insert one of the plugs from the new echo control. Tape the pins of the two unattached plugs to prevent them from shorting.
6. Run the console connector swell interceptor through the access hole in the amplifier shelf. (See "B" on Fig. 1.)
 7. Detach the Molex SWELL plug from the SWELL socket on the Wurlitzer amplifier. (See "C" on Fig. 1.)
 8. Insert the plug end of the console connector interceptor into the vacated SWELL socket. (See "C" on Fig. 1.) CAUTION: Be very careful to align the pins with the proper contacts. There should be one row of vacant contacts on either side of the console connector interceptor plug. If you encounter difficulty, see the pin and contact numbers of P5 and S5 on the kit schematic. They correspond to the similarly numbered SWELL plug and socket on the Wurlitzer amplifier schematic.
 9. Insert the Wurlitzer SWELL plug into the socket end of the console connector interceptor. (See "D" on Fig. 1.)
 10. Pass the console connector AC plug through the access hole in the Wurlitzer amplifier shelf. (See "B" on Fig. 1.)
 11. Disconnect the tape recorder power plug from its amplifier socket. Insert it into the 3-way plug provided. (See "E" on Fig. 1)

12. Insert the console connector AC plug into one of the vacant sockets on the 3-way plug. (See "F" on Fig. 1) Insert 3-way plug into the AC socket on the Wurlitzer amplifier.
13. Connect the 9 conductor cable supplied to the LESLIE SPEAKER socket on the console connector. (See "G" on Fig. 1)
14. Connect other end of cable to the 9 pin plug at rear of the Model 2125 speaker. Close Wurlitzer back. Installation is complete.

PARTS LIST: 039255 CIRCUIT BOARD ASSEMBLY

TRANSISTORS

PART	LOCATION	DESCRIPTION	PART NO.
Q1	C-6	Transistor, MSPS 4382	026237
Q2	B-6	" " "	026237
Q3	B-6	" " "	026237
Q4	A-6	" " "	026237
Q6	B-4	" " "	026237
Q7	B-4	" " "	026237
Q8	A-4	" " "	026237
Q9	C-1	" " "	026237
Q10	B-2	" " "	026237
Q11	B-2	" " "	026237
Q12	A-2	" " "	026237
Q13	C-6	" " " "	026237

CAPACITORS

PART	LOCATION	DESCRIPTION	PART NO
C1	C-6	polyester, .1MFD, 250V	022251
C2	C-5	mylar, .33 MFD, 75V	028647
C3	C-6	ceramic, 100 PF, 1KV	028027
C4	C-5	polyester, .1MFD, 250V	022251
C5	C-5	mylar, .033MFD, 100V	028654
C6	B-6	disk, 200PF, 1KV	023622
C7	A-5	elect., 150MFD, 25V	031294
C8	A-5	disk, .01MFD, 1KV	060467
C12	B-3	polyester, .1MFD, 250V	022251
C13	B-4	mylar, . 033MFD, 100V	028654
C14	C-2	tantalum, 10MFD, 16V	041707
C15	A-4	elect., 150MFD, 25V	031294
C16	A-3	disk, .01MFD, 1KV	060467
C17	C-2	polyester, . 1MFD, 250V	022251
C18	C-1	mylar, . 33MFD, 75V	028647
C19	C-1	ceramic, 100PF, 1KV	028027
C20	B-1	polyester, .1MFD, 250V	022251
C21	C-2	mylar, . 033MFD, 100V	028654
C22	B-2	di sk, 200PF, 1KV	023622
C23	A-1	elect., 150MFD, 25V	031294
C24	B-1	disk, .01MFD, 1KV	060467
C25	D-6	disk, .0047MFD, 100V	028431
C26	D-5	elect., 150MFD, 25V	031294
C27	D-5	polyester, .1MFD, 250V	022251
C28	A-5	disk, .0047MFD, 100V	028431
C29	A-4	disk, .0047MFD, 100V	028431
C30	A-1	disk, .0047MFD, 100V	028431
C31	B-2	polyester, .1 MFD, 250V	022251

RESISTORS * All resistors 1/2 watt, 10% unless noted otherwise.

PART	LOCATION	VALUE	PART NO.
R1	C-6	1.2K	018036
R2	C-6	100K	028498
R3	D-5	220K 5%	020222
R4	C-4	10K	028548
R5	C-4	15K	048157
R6	B-5	15K	048157
R7	B-6	390K	018010
R8	B-5	56K	024133
R9	B-5	4.7K	028555
R10	B-5	10K	028548
R11	B-6	10K	028548
R12	B-5	1.5K	022277
R13	B-6	150	024158
R14	A-5	2.2K	028571
R15	A-5	56K	024133
R19	O-2	10K	028548
R21	C-3	15K	048157
R22	C-3	47K	028506
R23	B-4	4.7K	028555
R24	B-3	4.7K	028555
R25	B-4	10K	028548
R26	B-3	1.5K	022277
R27	O-3	100K	028498
R28	D-2	56K	024133
R29	A-4	150	024158
R30	A-3	2.2K	028571
R31	A-3	56K	024133
R32	C-1	1.2K	018036
R33	D-1	100K	028498
R34	O-2	220K 5%	020222
R35	O- 1	10K	028548
R36	B-2	15K	048157
R37	B-2	390K	018010
R38	B-2	56K	024133
R39	B-1	4.7K	028555
R40	B-2	10K	028548
R41	A-2	10K	028548
R42	B-1	1.5K	022277
R43	A-2	150	024158
R44	B-1	2.2K	028571
R45	B-1	56K	024133
R46	D-6	2.2K	028571
R47	O-5	56K	024133

PARTS LIST: 066381 CONSOLE CONNECTOR

	039255	Circuit Board Assembly
S2, S3	029298	2 Contact Socket
S6, S7	029652	5 Contact Socket
	061513	9 Contact Socket w/Mounting Plate
	019935	48" Cable wi AC Plug
	028811	Grommet, 9/16" x 3/8" x 1/4"
	066365	Interceptor Assembly
P5	065607	12 Ckt. Molex Plug Housing, Black
P5	065599	Male Miniature Molex Insert (9 req'd)
S5	065615	12 Ckt. Molex Socket Housing, Black
S5	065581	Female Miniature Molex Insert (9 req'd)

CONTROL PARTS LISTS

ECHO CONTROL

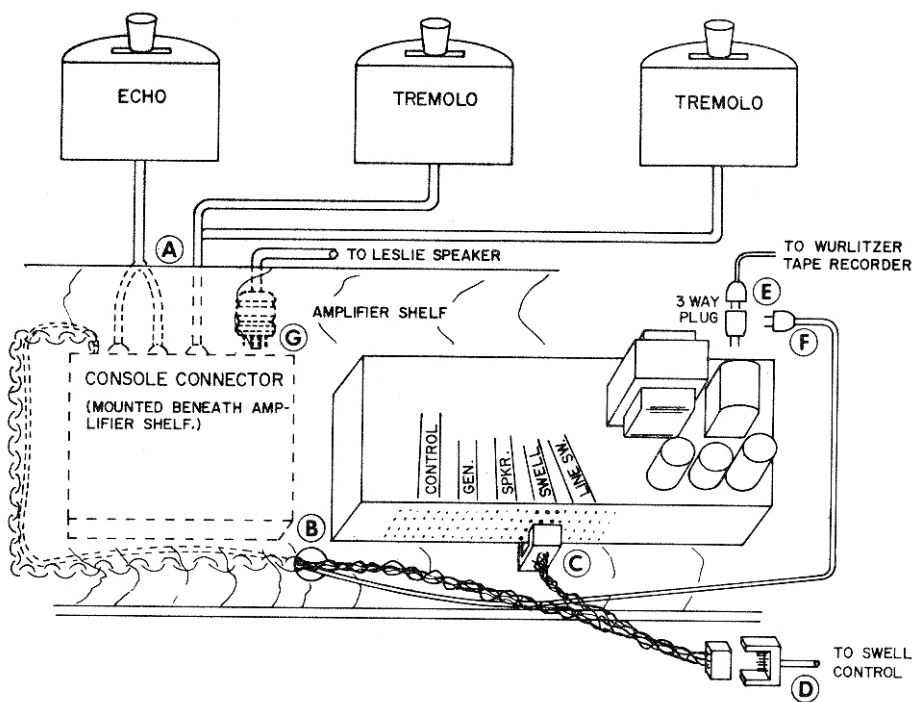
Switch Case	
029454	Brown
029462	Ebony
029470	Ivory
Switch Case Cover	
033506	Brown
033514	Ebony
033522	Ivory
Switch Knob	
048066	Brown
048074	Ebony
Switch Retainer	
048116 (2 req'd)	
Adhesive Cork	
029157	
3 Position Switch	
029173	
P6, P7: 5 Pin Plug	
021238	

TREMOLO CONTROL

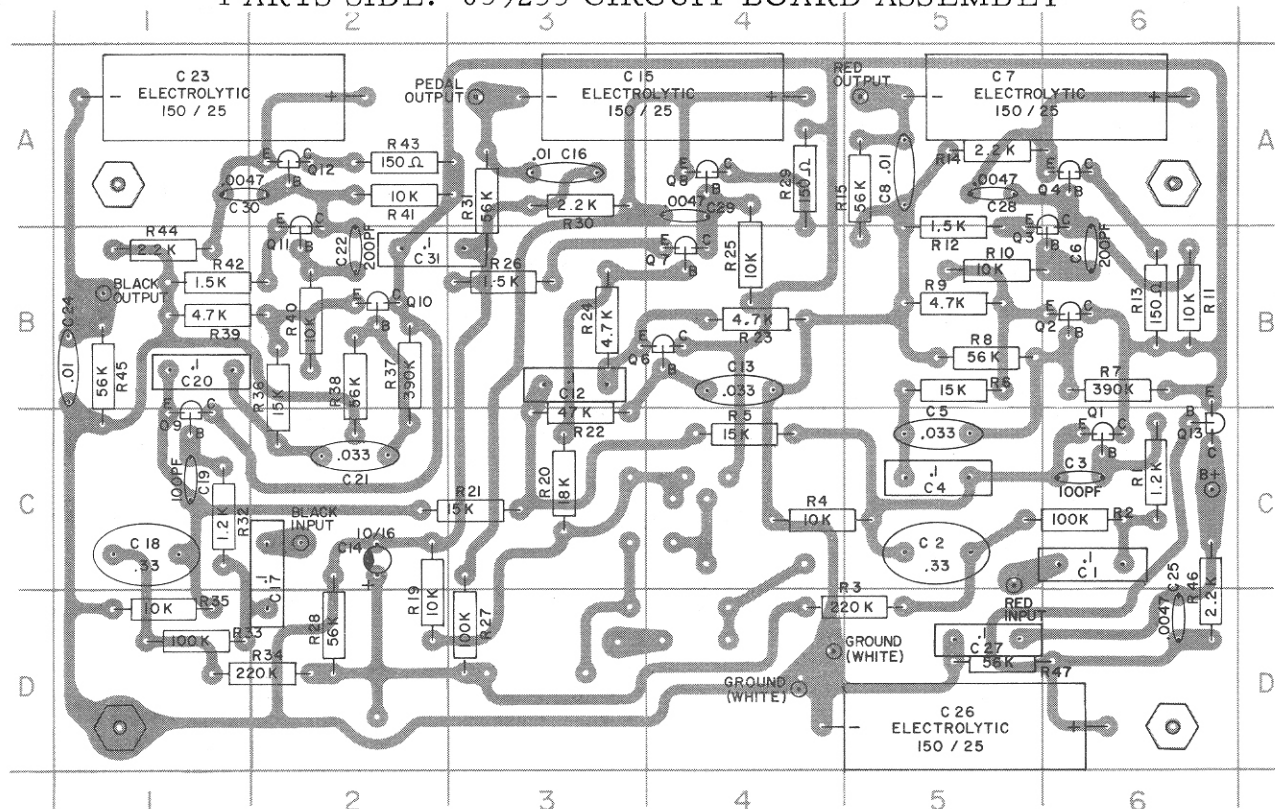
Switch Case	
029512	Brown
048058	Ebony
048041	Ivory
Switch Case Cover	
048702	Brown
048710	Ebony
048728	Ivory
Switch Knob	
048066	Brown
048074	Ebony
Switch Retainer	
048018 (2 req'd)	
Adhesive Cork	
029157	
2 Position Switch	
042911	
P2, P3: 2 Pin Plug	
029165	

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 above.

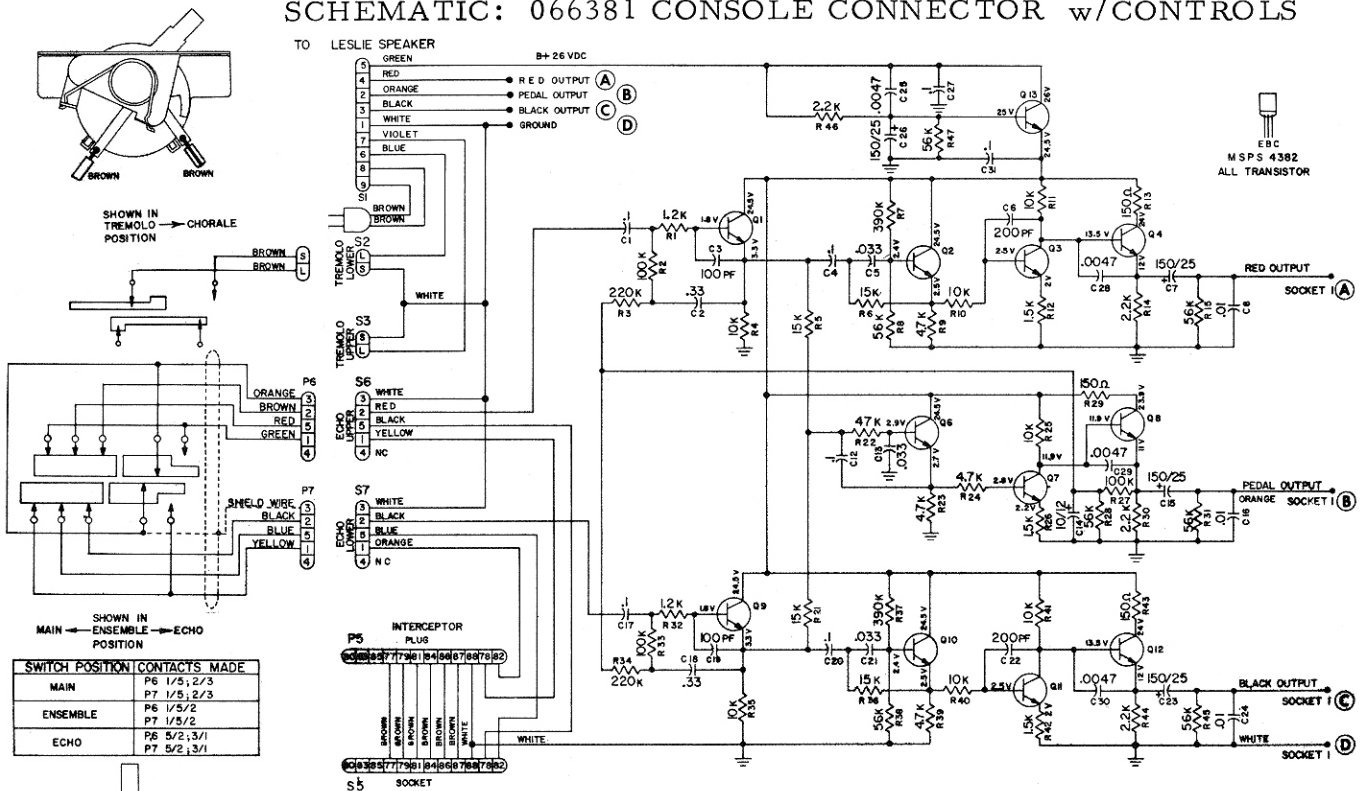


PARTS SIDE: 039255 CIRCUIT BOARD ASSEMBLY



Schematic, next page

SCHEMATIC: 066381 CONSOLE CONNECTOR w/CONTROLS



* THESE PINS AND CONTACT NUMBERS CORRESPOND TO THOSE LISTED ON WURLITZER SCHEMATIC.