

LESLIE 7467 CONSOLE CONNECTOR KIT INSTALLATION INSTRUCTIONS

FOR USE WITH: WURLITZER Model 4700

LESLIE 212S 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	036731
	1 9 Conductor Cable	021600
	1 Instructions	036988
	1 Oiler	053025
	2 Wood Screws 8 x 1/2	029132

WARNING: Do NOT connect the Leslie 212S Speaker to the Wurlitzer model 4700 without first installing a Wurlitzer Left Hand Cheek Block Kit available from the Wurlitzer Service Department: SEVERE DAMAGE MAY RESULT. Electro Music will not be responsible for any damage due to installation without this kit.

TO INSTALL THE CONSOLE CONNECTOR KIT:

1. Disconnect Wurlitzer AC power plug and back cover.
2. Mount console connector chassis inside the Wurlitzer. Interceptor cables should reach the Wurlitzer junction box, dual amp, and pedal amp.
3. Now make certain a Wurlitzer junction box for Leslie 212S installations is mounted within the Wurlitzer. Two and three wire cables from the Wurlitzer echo controls should be connected to the pedal and dual amplifiers, respectively. Also make certain cables from the Wurlitzer dual and pedal speakers are connected to the "DUAL INPUT" and "PEDAL INPUT" sockets on the Wurlitzer junction box.
4. Disconnect two wire echo control plug from the "TONE CAB" socket on the pedal amp and insert it into the "PEDAL OUT" console connector interceptor. Then plug this interceptor into the "TONE CAB" socket on the Wurlitzer pedal amp. (See "A" on Fig. 1)
5. Disconnect three wire echo control plug from the "SPEAKER" socket on the dual amp and insert it into the "RED & BLACK OUT" console connector interceptor. Then plug this interceptor into the "SPEAKER" socket on the Wurlitzer dual amp. (See "B" on Fig. 1)
6. Disconnect plug from the "SWELL" socket on the Wurlitzer dual amplifier. Insert it into the "RED & BLACK IN" console connector interceptor. (See "C" on Fig. 1)

7. Plug the "RED & BLACK IN" console connector interceptor into the "SWELL" socket on the dual amplifier. (See "C" on Fig. 1)
8. Disconnect plug from the "SWELL" socket on the Wurlitzer pedal amplifier. Insert it into the "PEDAL IN" console connector interceptor. (See "D" on Fig. 1)
9. Plug the "PEDAL IN" console connector interceptor into the "SWELL" socket on the pedal amplifier. (See "D" on Fig. 1)
10. Plug console connector interceptor marked "CONSOLE" into one of the "REMOTE" or "ECHO" sockets on the Wurlitzer junction box. (See "E" on Fig. 1) "REMOTE" sockets are controlled by the Wurlitzer Remote Tab, while "ECHO" sockets are controlled by the Wurlitzer Echo Tabs.
11. Connect 9 conductor speaker cable to the "CONSOLE" interceptor and the Leslie 212S Speaker. (See "F" on Fig. 1) Replace Wurlitzer back cover. Installation is now complete, with Wurlitzer's "Leslie" tabs controlling the 212S Speaker.

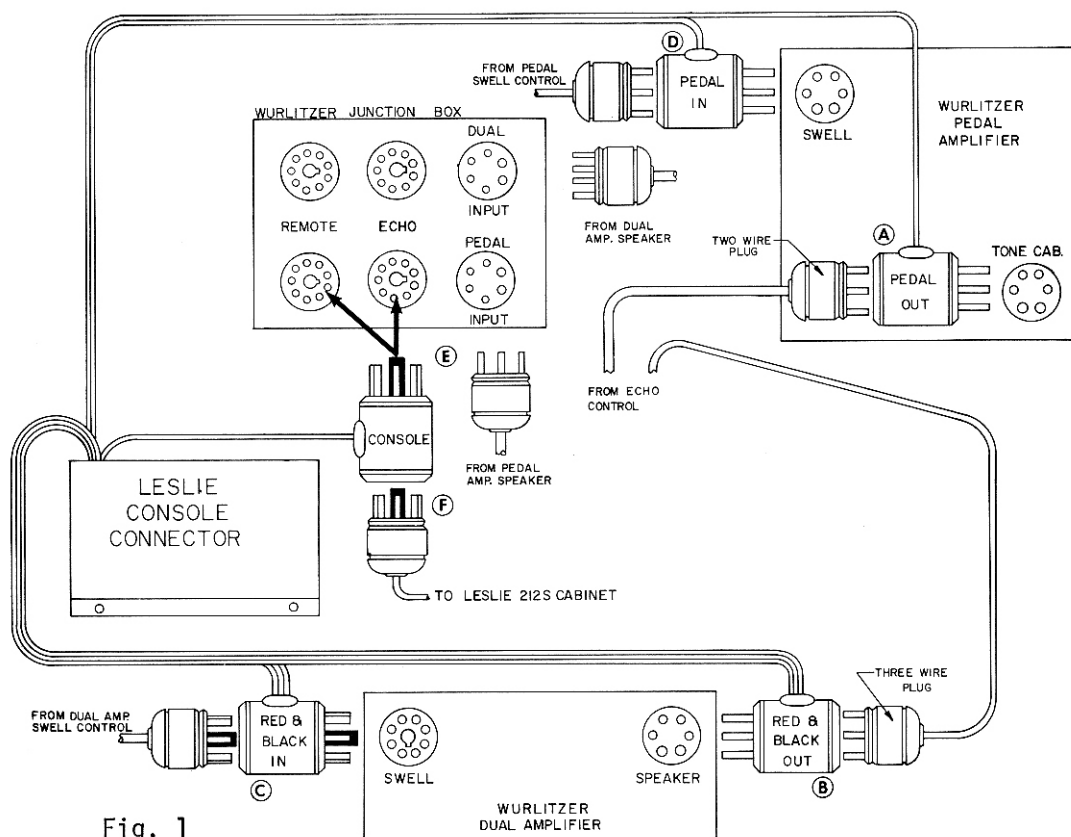


Fig. 1

PARTS LIST: 036723 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
Q5	C-4	"	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 MFO, 75V	028647
C3	C-6	ceramic, 100 PF, 1 KV	028027
C4	C-5	polyester, .1MFD, 250V	022251
C5	C-5	mylar, .033MFO, 100V	028654
C6	B-6	disk, 200PF, 1 KV	023622
C7	A-5	elect., 150MFD, 25V	031294
C8	A-5	disk, .01MFO, 1KV	060467
C9	D-4	polyester, .1MFD, 250V	022251
C10	C-3	mylar, .33MFO, 75V	028647
C11	C-4	ceramic, 1 OOPF. 1 KV	028027
C12	B-3	polyester, .1MFD, 250V	022251
C13	B-4	mylar, .033MFD, 100V	028654
C14	C-2	tantalum, 10MFO, 16V	041707
C15	A-4	elect., 150MFD, 25V	031294
C16	A-3	disk, .01MFD, 1KV	060467
C17	C-2	polyester, .1 MFD, 250V	022251
C18	C-1	mylar, . 33MFD, 75V	028647
C19	C-1	ceramic, 100PF, 1KV	028027
C20	B-1	polyester, .1 MFO, 250V	022251
C21	C-2	mylar, .033MFD, 100V	028654
C22	B-2	disk, 200PF, 1KV	023622
C23	A-1	elect., 150MFD, 25V	031294
C24	B-1	disk, .01MFD, 1KV	060467
C25	O-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, .1MFD, 250V	022251

RESISTORS*

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
R16	C-4	1.2K	018036
R17	D-4	100K	028498
R18	D-3	220K 5%	020222
R19	D-2	10K	028548
R20	C-3	18K 5%	028472
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	D-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	D-2	220K 5%	020222
R35	D-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	D-5	56K	024133

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

PARTS LIST: 036731 CONSOLE CONNECTOR (including plugs and sockets)

Description	Part No.	Description	Part No.
Chassis	034355	S2, S4, S5:	
		Socket, 6 Contact	029546
Circuit Assembly	036723	Sleeve	029595
P1: Plug, 9 Pin - Amp	024653	P3: Plug, 8 Pin - Octal	027854
S1: Socket,		S3: Socket,	
9 Contact Amphenol	028837	8 Contact - Octal	027847
Sleeve	029595	Sleeve	041822
P2,P4,P5: Plug, 6 Pin	061721		

PARTS SIDE: 036723 CIRCUIT BOARD ASSEMBLY

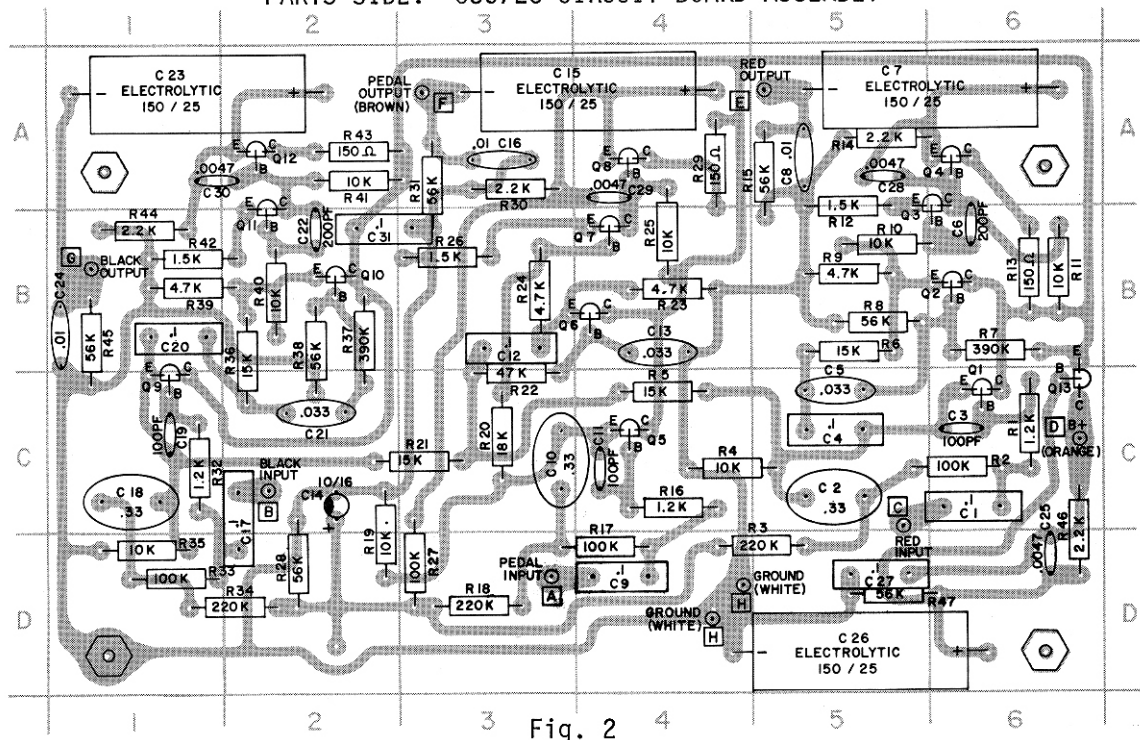


Fig. 2

PLUG & SOCKET PIN LAYOUT

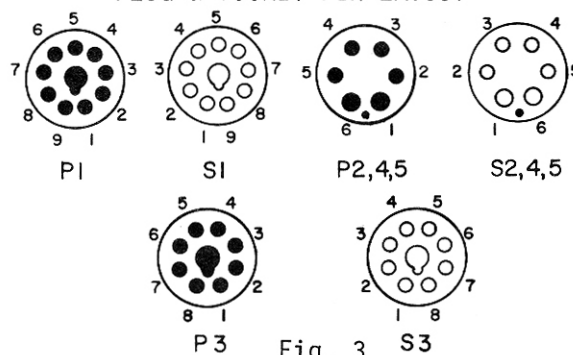


Fig. 3

Fig. 4