

CONSOLE CONNECTOR KIT 8200 INSTALLATION INSTRUCTIONS

FOR USE WITH: HAMMOND Organ Models T-100, T-200, T-300, T-400
LESLIE Speaker Models 122, 122RV, 142, 242

KIT CONTENT

Console Connector Assembly	038208	Echo Control	
Console Adapter	042044	brown	042200
Cable Assembly, 6-conductor,		ebony	042218
30-foot	017277	ivory	042226
Hardware Package	045989	Tremolo Control	
Screw, wood, 6 x 1/2,		brown	042168
Phillips head (4)	029124	ebony	042176
Screw, sheet metal,		ivory	042184
8 x 1/2, Phillips head (2)	029132		
Staple, insulated (8)	028464	Oiler	053025

CAUTION Due to the presence of electrical potential and the danger of moving mechanical parts, installation procedures or adjustments requiring work inside the LESLIE speaker cabinet or the organ console should be performed only by a service man authorized by the dealer or factory to perform such work.

INSTALLATION

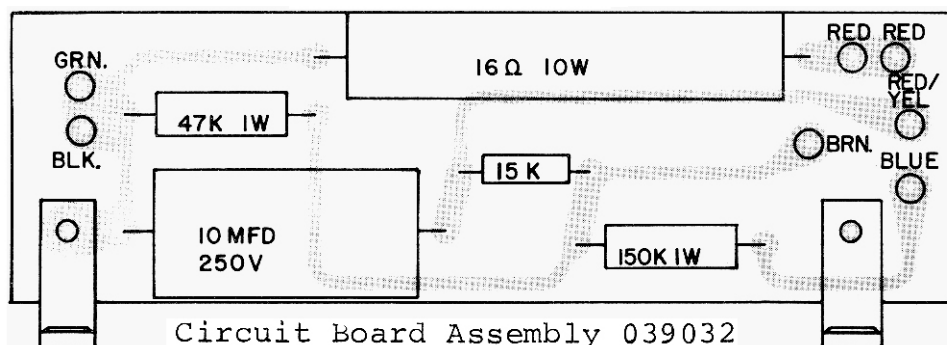
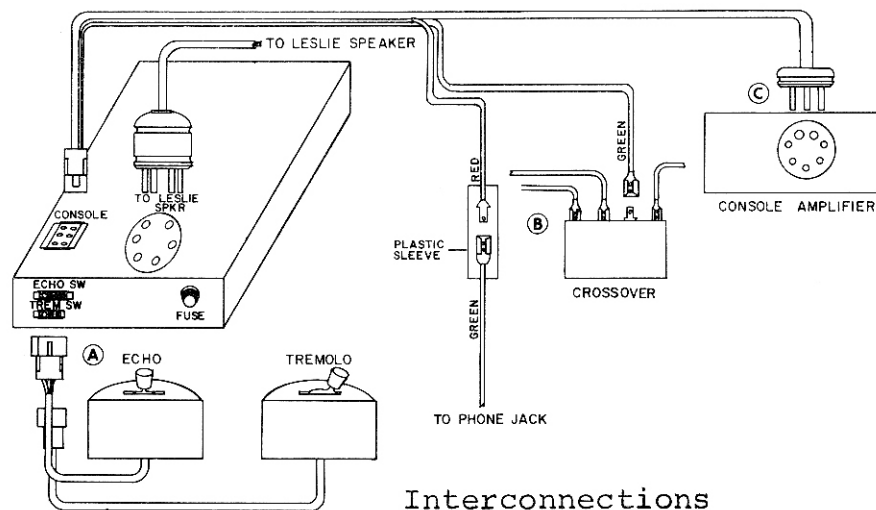
CAUTION DISCONNECT ORGAN POWER BEFORE PROCEEDING:

1. Mount the echo and tremolo switches under the keyboard shelf, in a position convenient for the organist. Wood screws are provided.
2. Route the control cables through the keyboard shelf and to the amplifier section of the organ. If no opening is provided, drill a 1-inch-diameter hole in the shelf, being careful to select a location where no internal components will be damaged.
3. Mount the console connector within reach of the control cables , and in such a position that the cables and the adapter can reach the organ's amplifier.
4. Connect the echo control plug to the ECHO SW socket on the console connector. (A, installation drawing)
5. Connect the tremolo control plug to the TREM SW socket on the console connector.
6. Connect the adapter 6-contact plug (P2) to the console connector socket marked CONSOLE.

7. At the crossover, remove the green wire which comes from the earphone jack. (B)
Connect the red wire from the adapter to this green wire. Cover the connection with plastic sleeving.
- (Note: On some organ models this green wire may be connected directly to a speaker.)
8. Connect the green wire from the adapter to the crossover (or speaker) terminal from which the earphone green wire was removed in step 7.
9. Connect 7-contact plug of the adapter to the socket on the rear apron of the organ amplifier. (C)
10. Connect the 6-conductor cable which comes in the kit between the LESLIE speaker and the socket marked TO LESLIE SPKR, on the console connector.
11. If necessary, adjust the LESLIE speaker volume.

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 as listed.



PARTS LIST: 038208 CONSOLE CONNECTOR ASSEMBLY

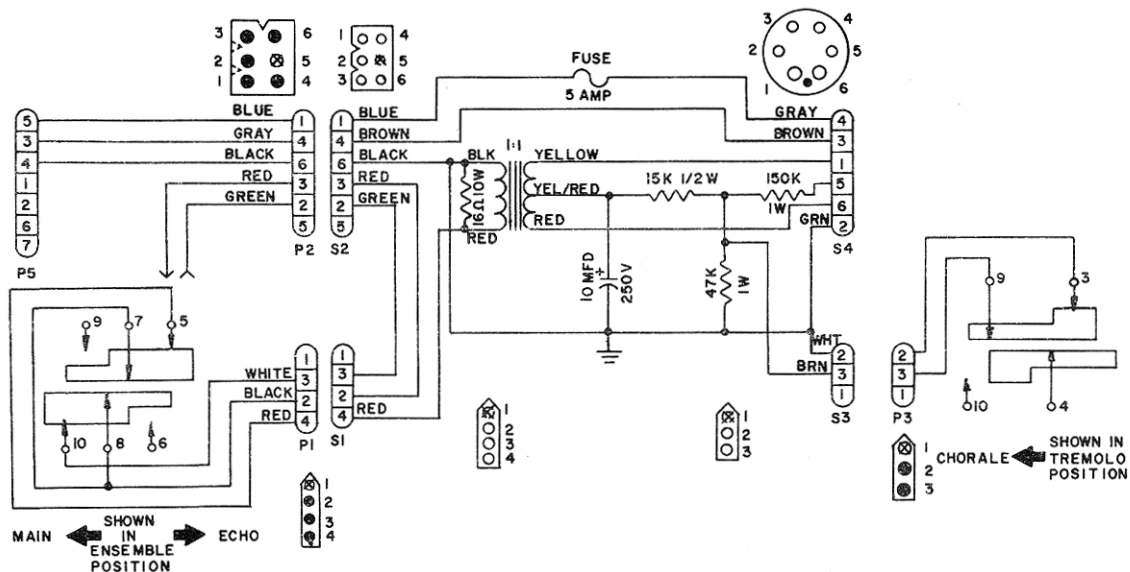
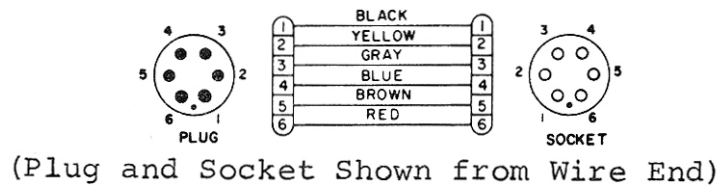
Circuit Board Assembly	039032
Capacitor, electrolytic, 10 mfd, 250V	018093
Resistor, 47K, 1W, 10%	018457
Resistor, 15OK, 1W, 10%	024117
Resistor, wire-wound, 16 ohms, 10W, 10%	029363
Resistor, 15K, 1/2W, 10%	048157
Etched Circuit Board	038109
Transformer	048025
Socket, 6-contact (S4)	060459
Housing, socket, 3-circuit, natural (white) (S3)	042077
Housing, socket, 4-circuit, natural (white) (S1)	042093
Housing, socket, 6-circuit, natural (white) (S2)	0042119
Insert, connector, female	023556
Fuse Holder	055178
Fuse, 5-amp, 25OV	029280

PARTS LIST: ECHO CONTROL

Switch Case		Switch, Cable, & Plug Assembly	O42192
brown	103750		
ebony	103760		
ivory	103770	Switch Retainer (2)	O48116
Case Cover			
brown	048702	Screw, thread-cutting, 6-32 x 3/8 (2)	029140
ebony	048710		
ivory	048728		
Switch		Label, MAIN/ENSEMBLE/ECHO	103670
brown	048066		
ebony	048074	Cork, adhesive	029157

PARTS LIST: TREMOLO CONTROL

Switch Case		Switch, Cable, & Plug Assembly	042150
brown	103750		
ebony	103760		
ivory	103770	Switch Retainer (2)	048744
Case Cover			
brown	048702	Screw, thread-cutting, 6 x 3/8 (2)	029140
ebony	048710		
ivory	048728		
Switch Knob		Label, CHORALE/TREMOLO	103640
brown	048066		
ebony	048074	Cork, adhesive	029157



Schematic, 038208 Console Connector, 042044 Console Adapter, and Controls (Plugs and Sockets Shown from Wire End)

MULTIPLE SPEAKER INSTALLATION

For complete information see the service manual for the LESLIE speaker to be added.

PARTS LIST: 042044 CONSOLE ADAPTER

Housing, plug, 6-circuit, natural (white) (P2)	023259
Connector, insert, male	023309
Plug, 7-pin, modified (P5)	024752
Tab, female	029389
Tab, male	0029371

PARTS LIST: 017277 CABLE ASSEMBLY

Plug, 6-pin (without plate)	061721
Socket, 6-pin (without plate)	029546
Cap Body	022046
Clamp, cut	022079
Screw, machine, 6-32 x 3/8	027979