

TECHNICAL INFORMATION BULLETIN

TITLE:

6208 MUTE BOARD ADDITION

NUMBER: TB-015

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DATE: 03/28/03

- 1 Purpose: To Instruct a JBL Factory Certified Technician in the updating of a 6208-powered speaker. This will ensure there will be no turn on transit. This should be done upon customer complaint.
- 2 Warranty: The Customer Warranty is still in tact, a JBL Factory Certified Technician does providing this updated .

Scope: Add a delay circuit PCB
- 3 Tools: Philips Screwdriver #1, Long Nose pliers, Nut Driver 5/16". Also a soldering iron or soldering station (typical of the Weller PU120 Power unit) with controlled temperature.
- 4 Safety: The requirements of this procedure shall not be construed as conflicting with safe guarding the health of all employees and the safety of equipment and facilities.
- 5 Associated Documents:
- 6 Pictorial drawings of the 6208 power amplifier. Figure 1 on page 4.
- 7 Requirements: Disconnect Power Cord
 - 7.1 Remove screws from the rear panel of the 6208 speaker cabinet (8 screws). After the screws are removed disconnect the wires from the Transducers inside the cabinet.
 - 7.2 Next, you will need to remove the 4 screws securing the cage to the heatsink assembly.
 - 7.3 Remove the Drive Fasteners located at the ends of the PCB holder. In the holes were the Drive Fasteners were install, the standoffs will be installed at a later time to mount the delay PCB.
 - 7.4 For the purpose of the Delay P.C. location, the green and yellow wire mounted on the Delay board will face the two large Electrolytic Capacitors and near the right edge of the main PCB.
 - 7.5 Remove the solid yellow wire (P201) and the solid green (P203)wire from the main board . The solid blue wire (now P203) will be from the Delay PCB. Now (P201) will be the white wire from the delay PC board.
 - 7.6 Mount the standoff, formally where the Drive Fasteners were, then secure the standoff with a number #6 nut and a #6 internal tooth lock washer.



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- 7.7 Temporarily remove the red wire from point (P207).
- 7.8 Install a dual fe-male faston to a single male faston, reconnect the red wire to (P207)
- 7.9 Connect the red wire from the Delay PCB to the second connection of (P207) faston.
- 7.10 Remove the red and yellow striped wire from (P208) temporarily. Install a male dual faston to (P208) reconnect the red and yellow wire (P208) and also the black wire from the delay PCB.
- 7.11 POWER SWITCH, FUSE AND AC RECEPTICAL RETROFIT
- 7.12 All the remaining reference numbers on this document and drawing (Pictorial Drawing) are for reference only.
- 7.13 Remove blue wire from pins 1 and the black wire from pin 3 of (Pwr. SW.) temporarily.
- 7.14 Install a dual faston on the power switch pins 1 and 3.
- 7.15 Undo note (7.13.)
- 7.16 On the second set of (fe/male) terminals attached to pins 1 and 3 on the power switch, attach cap. (.01uf / 250v) to those terminals.
- 7.17 Remove the blue wire from pins 2 and blue wire from pin 4 of (pwr. SW.) temporarily.
- 7.18 Install a dual faston on the power switch pins 2 and 4.
- 7.19 Undo note (7.17.)
- 7.20 On the second set of (fe/male) terminals attached to pins 2 and 4 on the power switch, attach cap. (.01uf / 250v) to those terminals.
- 7.21 Power receptacle : Switch the blue and white (pins 1 and 3) wires on the receptacle
- 7.22 Reconnect the transducer wires to there perspective transducers.
- 7.23 Undo note 7.1. and 7.2.
- 7.24 THIS RETROFIT IS NOW COMPLETE



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KIT PART NUMBERS:

Delay PCB #	513-00031-00
Standoff #	811-00068-08
Screw #	702-41000-04
Nut #	801-30000-00
Washer #	841-1100-02
Faston	560-00017-00 / 542-00014-06
Cap .01uf. / 250v	613-55103-70



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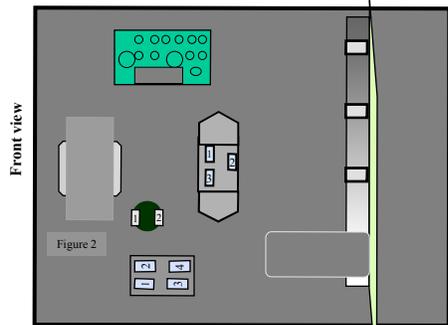
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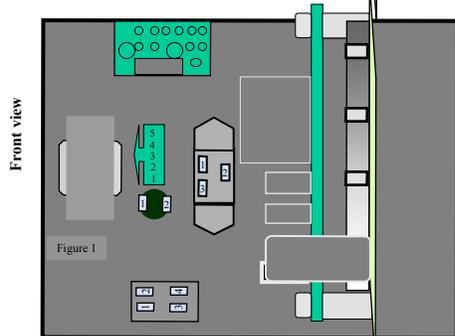
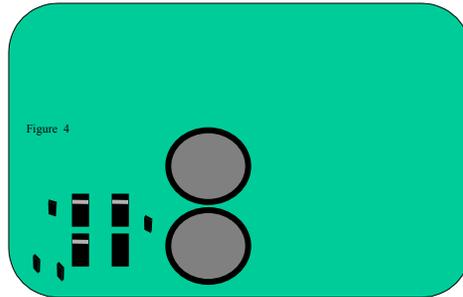
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Top view / Early revision



Top view / latest revision

