

FISHMAN

LOUDBOX 100 & LOUDBOX PERFORMER HEAD CAP CHASSIS REPLACEMENT

Warning

This document is accurate for current revisions of the Loudbox Performer and all revisions of the Loudbox 100. Older revisions of the Loudbox Performer use a different Head Cap Chassis and are not compatible with this document. Current revisions of the Performer have a headphone output on the Head Cap. If you have an older model, without the headphone output, please contact support@fishman.com for more information before proceeding with this repair.

Required Tools & Parts

4mm Hex Wrench, #2 Phillips Screwdriver

Loudbox Performer Head Cap Chassis - P/N ACC-000-000 or Loudbox 100 Head Cap Chassis - P/N ACC-000-000

Remove Head Cap Chassis



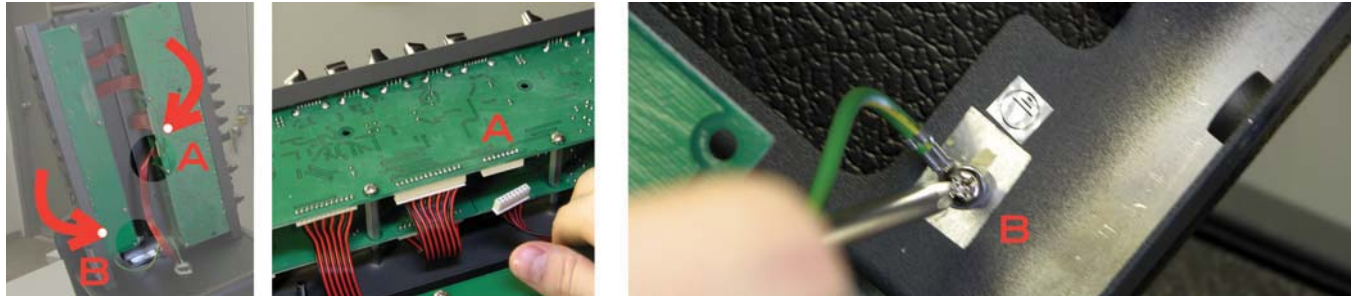
1. Using a 4mm hex wrench, remove the (6) bolts (red arrows) securing the Head Cap Chassis.



2. Lift Head Cap Chassis Straight up from cabinet and place on side as shown.

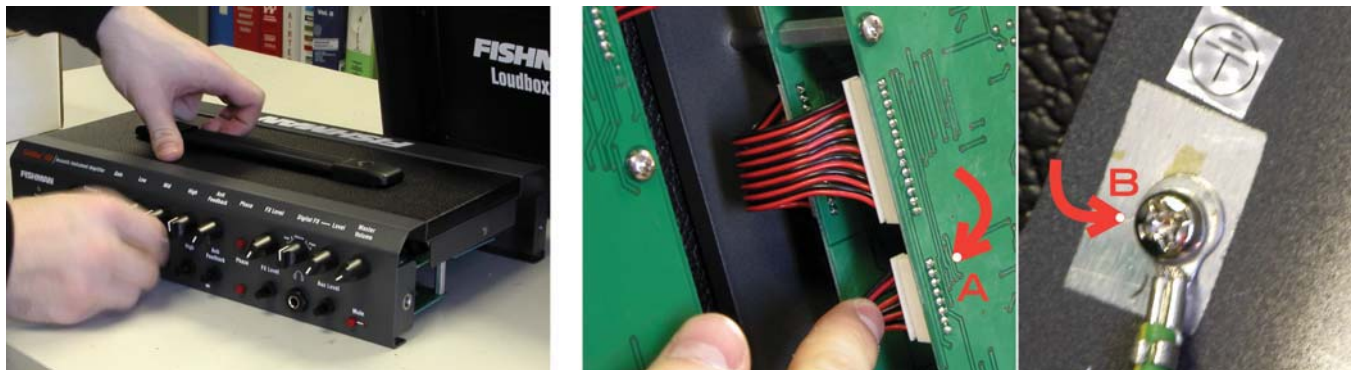
LOUDBOX 100 & LOUDBOX PERFORMER HEAD CAP CHASSIS REPLACEMENT

Disconnect Head Cap Chassis from Cabinet



1. Follow red and black wires from cabinet to chassis and remove connector as shown in A.
2. Remove green and yellow ground wire from chassis as shown in B. Set chassis aside.

Attach New Head Cap Chassis to Cabinet

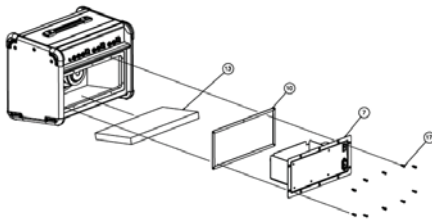


1. Install D Type knobs (P/N ACC-000-000) from removed chassis on new head cap
2. Reattach connector and ground wire as in A & B above.

Reassembly



3. Center Head Cap Chassis over slots. Line up with center screws. Push chassis down using hand to keep cables from pinching between circuit boards. Partially install center bolts (C) on both sides of cabinet. Shift head until flush with top of cabinet. Install and tighten the (6) 4mm hex bolts as in disassembly.



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LOUDBOX 100 POWER AMPLIFIER CHASSIS REPLACEMENT

Warning

The Loudbox 100 Power Amplifier Chassis part is specified either for 120V or 240V function. Make sure, before continuing with this installation, that the correct replacement part has been selected.

Required Tools and Parts

#2 Phillips Screwdriver, 4mm Hex Wrench

Loudbox 100 120V Power Amplifier Chassis P/N ACC-000-000 or Loudbox 100 240V Power Amplifier Chassis P/N ACC-000-000

Preparation



Remove and Disconnect Head Cap Chassis as shown in Loudbox 100 & Performer Head Cap Chassis Replacement. Set Head Cap Chassis aside for later reassembly.

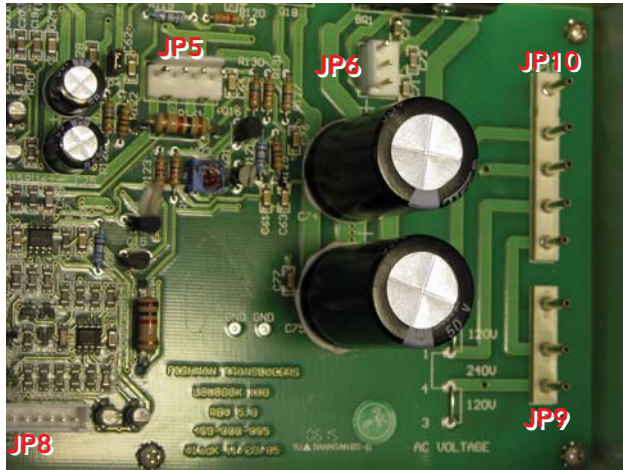
Remove Power Amplifier Chassis



1. Unscrew the rear plate. Use a #2 Phillips Screwdriver to remove (10) screws from the backplate as shown.
2. Expose Power Amplifier Chassis.

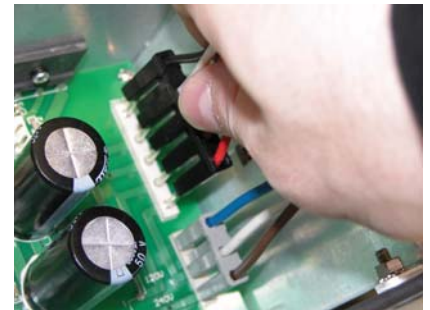
LOUDBOX 100 POWER AMPLIFIER CHASSIS REPLACEMENT

Disconnect Chassis from Cabinet

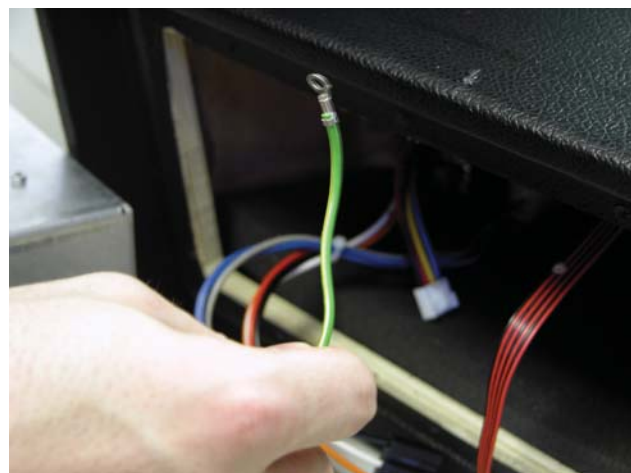


JP5: blue/yellow/red/black
JP6: blue/gray/blue
JP8: alternating black/red
JP9: brown/white/blue
JP10: red/brown/orange/white/black

1. Remove five connectors from Chassis PCB at board locations JP5, JP6, JP8, JP9 and JP10.



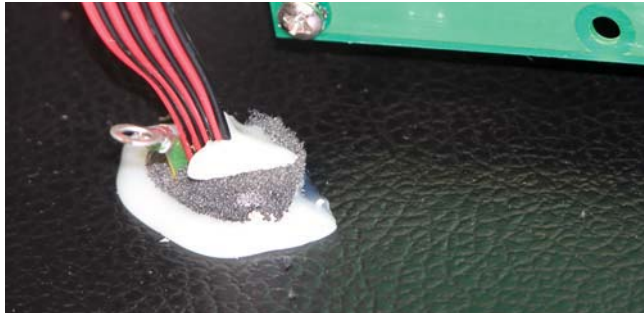
2. JP5 and JP6 require thumb pressure to release clip as shown. JP8, JP9 and JP10 all pull straight out.



3. Pull green and yellow ground wire through cabinet as shown. The Power Amplifier Chassis is now disconnected and can be completely removed from the cabinet. Put replaced chassis aside.

LOUDBOX 100 POWER AMPLIFIER CHASSIS REPLACEMENT

Connect and Reassemble Head Cap Chassis



1. Thread green and yellow ground wire through cabinet to head cap.
2. Connect cable (alternating black and red) and ground wire to Head Cap Chassis as shown in Loudbox 100 & Loudbox Performer Head Cap Chassis Replacement guide.
3. Mount head cap to cabinet as shown in the Reassembly section of same guide.

Connect and Reassemble Amplifier



1. Make all 5 connections from Loudbox 100 to Power Amplifier Chassis (JP5, JP6, JP8, JP9 and JP10) as in disassembly.
2. Gently push chassis into place and secure using (10) #2 phillips screws (as in disassembly).