

# EON600 Fuse Replacement

1. Remove all eight of the amplifier module screws (see Figure 1) from the enclosure.



Figure 1. Amplifier Module Cover

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2. Remove the amplifier module from the enclosure recess and disconnect the speakers, LED, and Bluetooth antenna connections.
3. Locate the fuse on the PCBA (see Figure 2). The stock fuse should have a shrink-wrap cover.
4. Verify the fuse is blown by using an ohmmeter.



Figure 2. PCBA Fuse

5. If the fuse is open, place the module on a bench and remove all eight of the amplifier PCBA screws (Figure 3).
6. Pull the amplifier PCBA off the module assembly and dispose of all thermal pads (new pads will need to be installed).
7. Carefully remove or cut away the white anti-vibration RTV from the fuse and its adjacent parts.
8. Unsolder the fuse from the PCBA.
9. Clean up PCB pads where the fuse was soldered to the PCB.
10. Add shrink wrap to the new fuse and bend leads in a manner similar to original fuse.

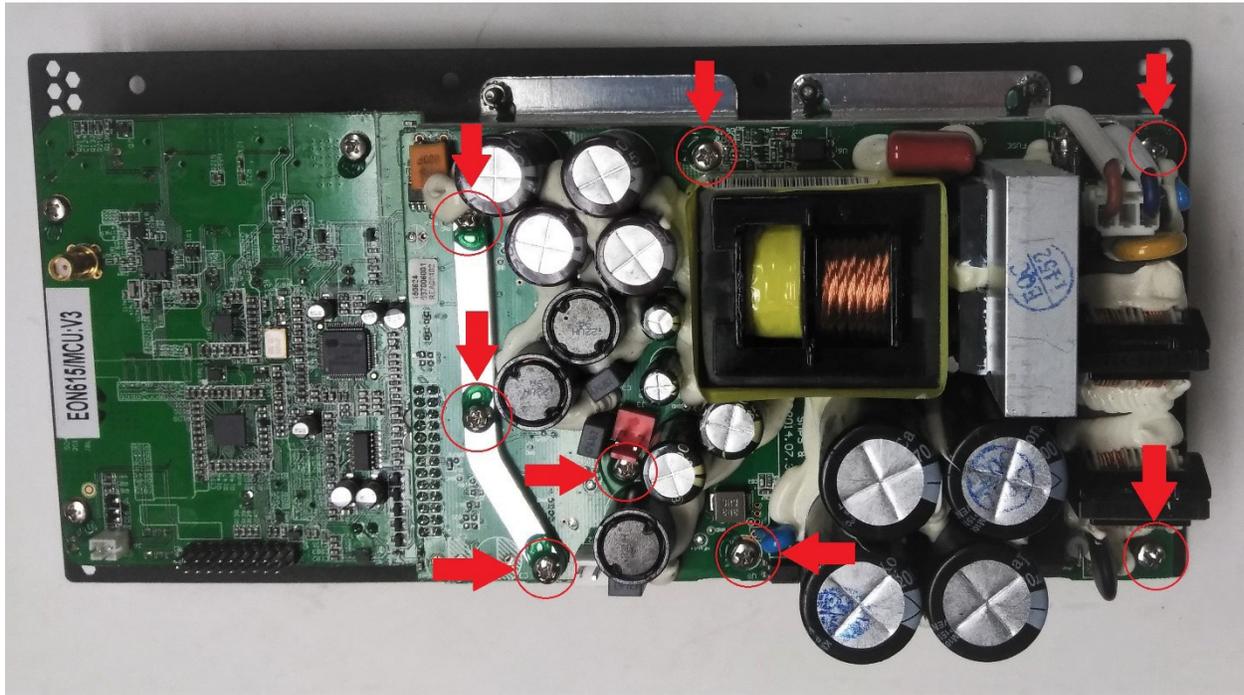


Figure 3. Amplifier PCBA

11. Insert new fuse (Littelfuse 0218004.MXED or XCE 5T4000212000R15 or equivalent).
12. Solder the fuse to PCB and trim excess leads on the solder side of the PCB.
13. Using an ohmmeter, verify the fuse is connected properly and reads as a short.
14. Add non-corrosive, electronics-grade RTV between the fuse and the heatsink.
15. Replace the thermal pads on the heatsink mounted power semiconductors using JBL service-recommended parts.
16. Remount the amplifier PCBA to the amplifier module assembly. Tighten screws to the appropriate torque.
17. Reconnect all connections and reinstall into the enclosure recess.
18. Reinstall all module screws and tighten to the appropriate torque.
19. Test unit operation prior to releasing repaired finished goods to original customer.