

## EON ONE Compact Bluetooth® Button Replacement

**Subject:**

EON ONE Compact Power Button Replacement

**Releasing documents:**

CN125410

**Applicability:**

EON ONE Compact-AU  
EON ONE Compact-CN  
EON ONE Compact-EK  
EON ONE Compact-JP  
EON ONE Compact-NA

**Affected Date/SN Range:**

EON ONE COMPACT-AU - Before - Aug 06, 2020 - SN:T0014-HK010001  
EON ONE COMPACT-CN - Before - Aug 08, 2020 - SN:T0015-HK010001  
EON ONE COMPACT-EK - Before - Aug 07, 2020 - SN:T0013-HK010001  
EON ONE COMPACT-JP - Before - Mar 13, 2020 - SN:T0031-CK010401  
EON ONE COMPACT-NA - Before - Oct 29, 2020 - SN:T0012-JK010001

**Condition:**

Bluetooth® button may be intermittent, or non functional.

**Solution:**

Add new Bluetooth® EVA gasket.

**Add:** **PN 5131522-00** HDW,GSKT,EVA,BTBTN,EON ONE COMPACT

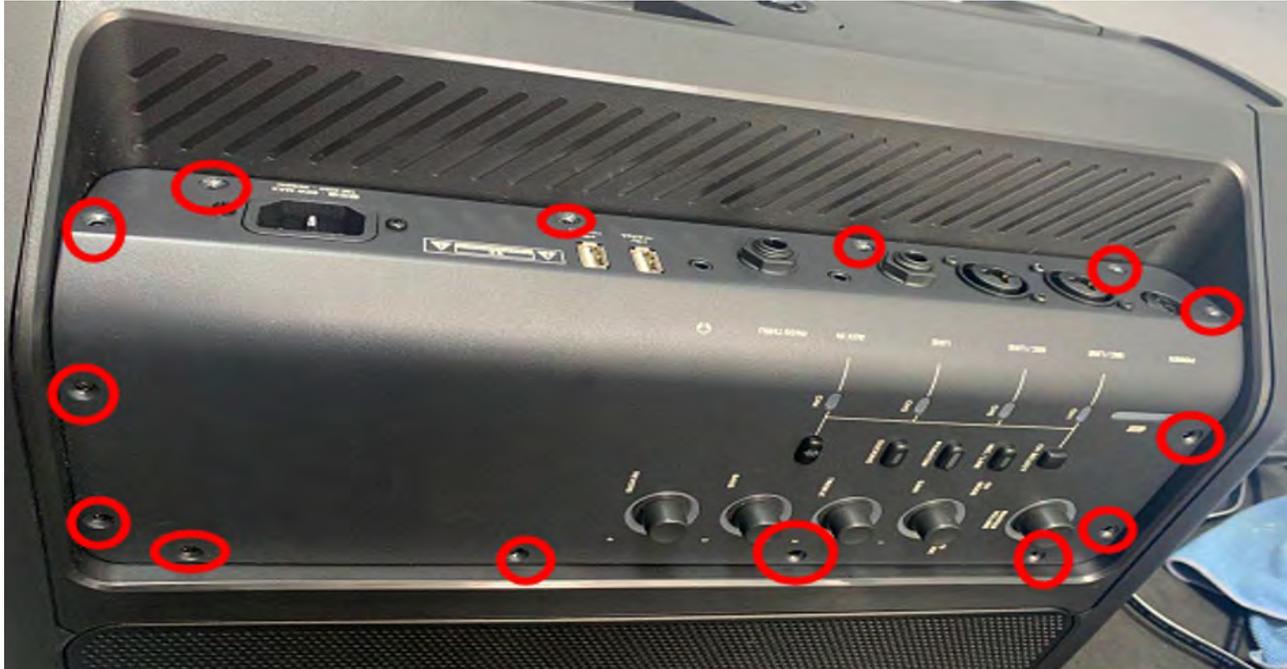
**Replace if bad:** **PN 5125363-00** HDW,SWCAP,CHANNEL BUTTON,EON ONE COMPACT

**Replace if bad:** **PN 5125369-00** SW,PBTN,KFC-A06-01B-50-160

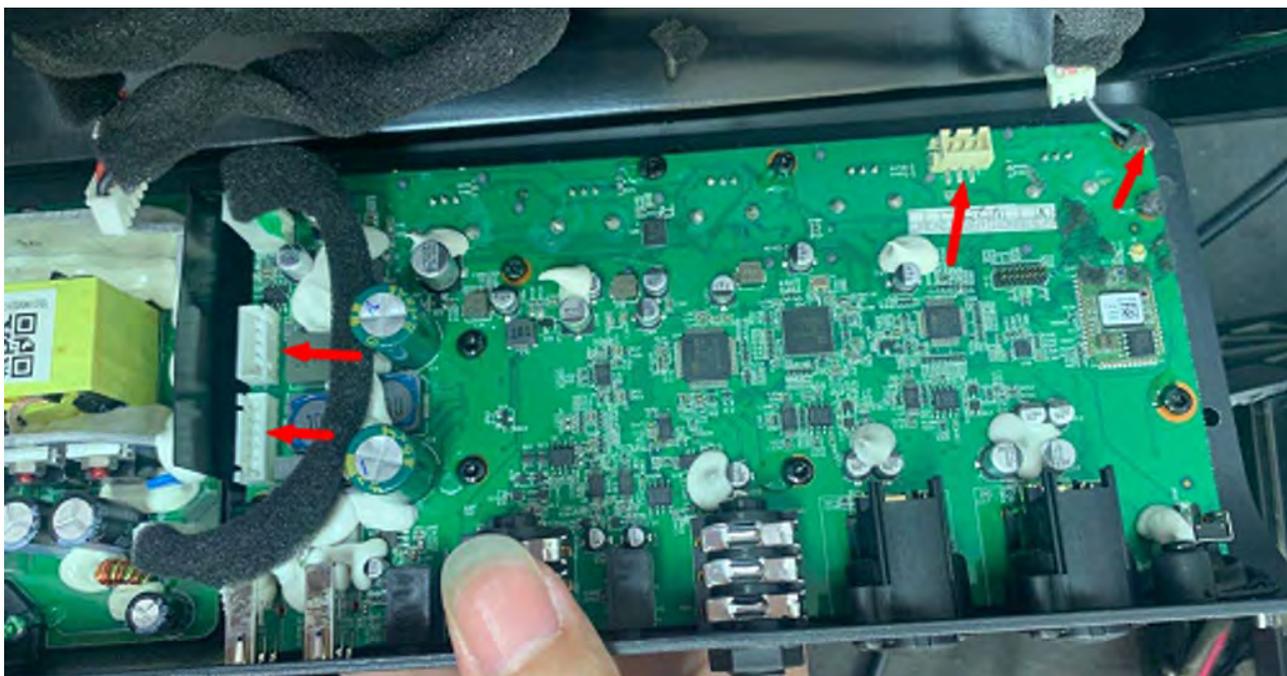


**Procedure:**

Step 1: Remove the 14 screws holding Amplifier to speaker cabinet.



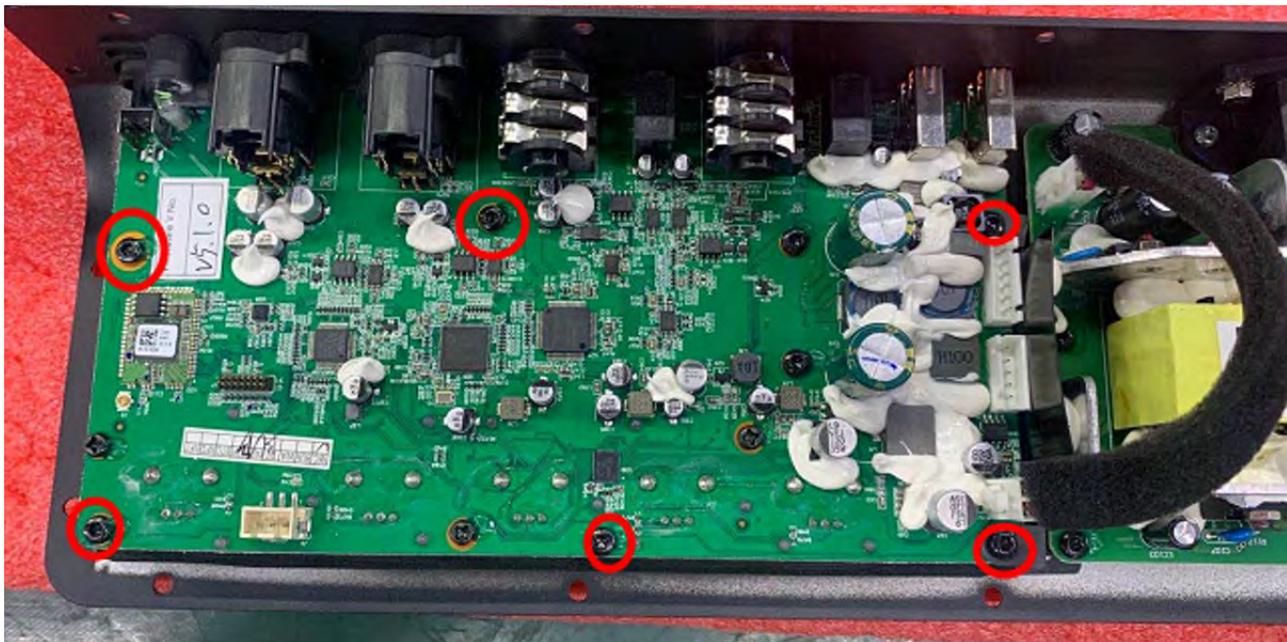
Step 2: Remove all cables from Main PCBA.



Step 3: Remove the input connector screws, and 1/4" nuts.



Step 4: Remove the 6 screws holding Main PCBA to amp chassis.



Step 5: Remove the Main PCBA from Amp chassis.

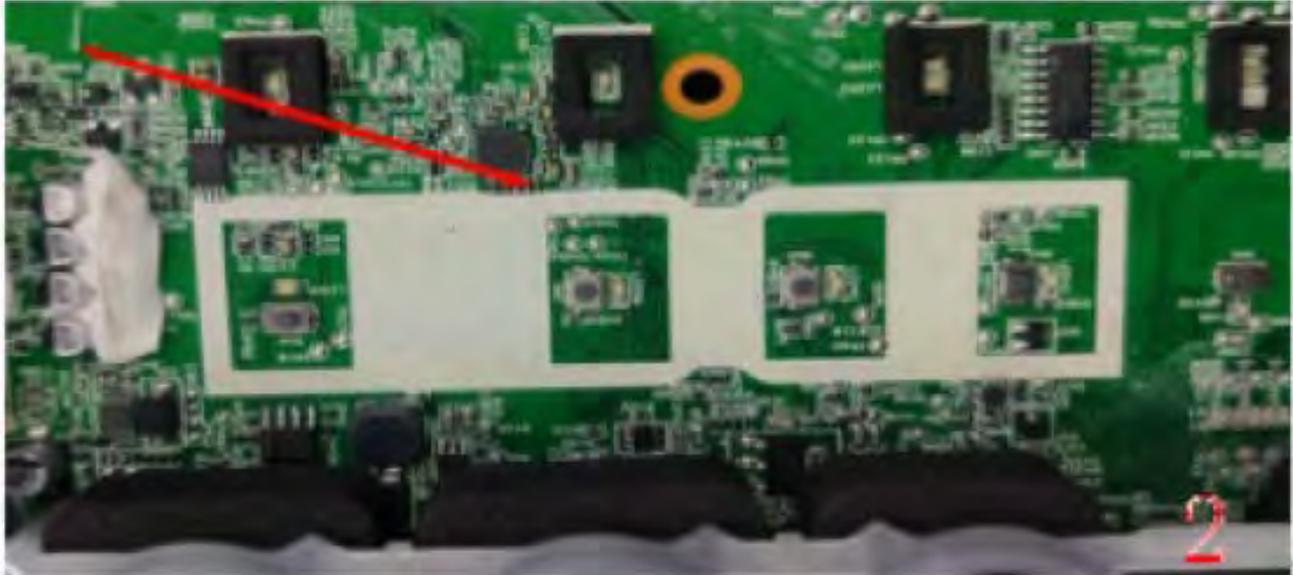


Step 6: Remove the original EVA



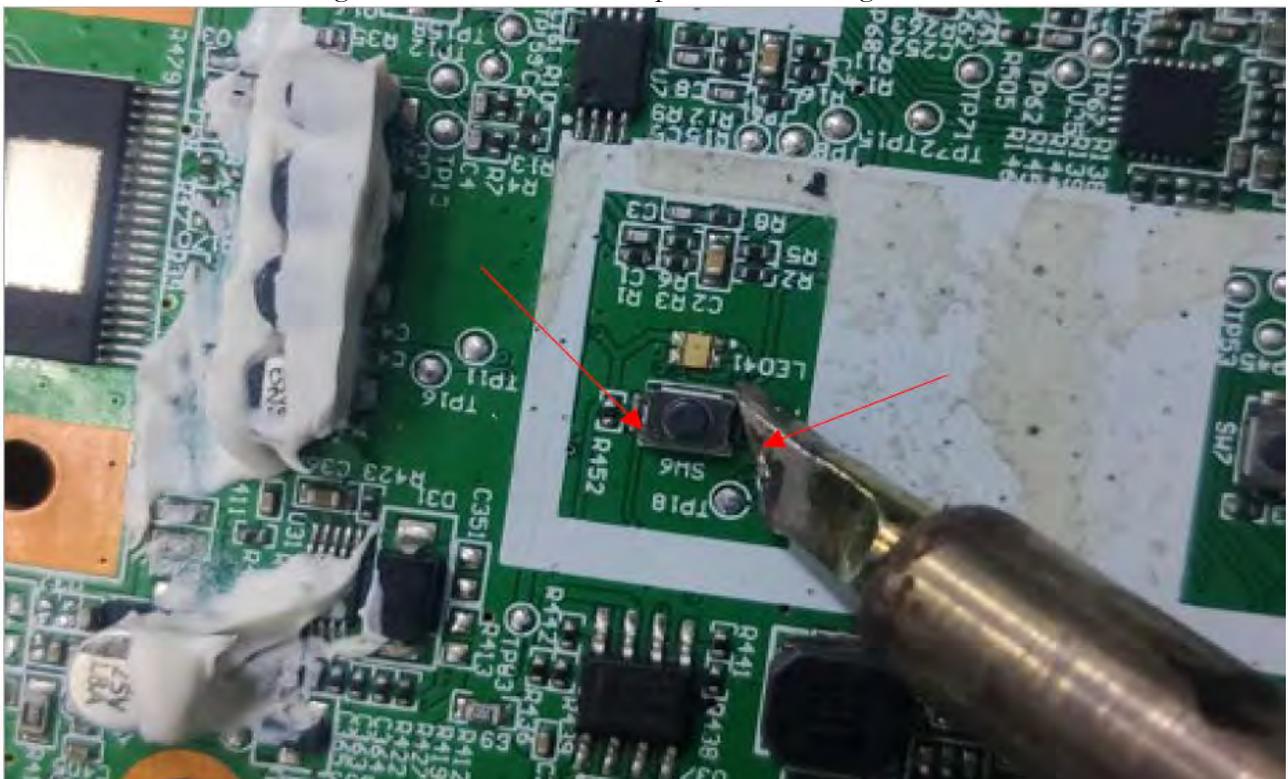
Step 7: Confirm whether the tact switch of BT button is damaged.

- If no, please skip step 8 and go to step 9
- If yes, continue with step 8 to replace the switch:



Step 8:

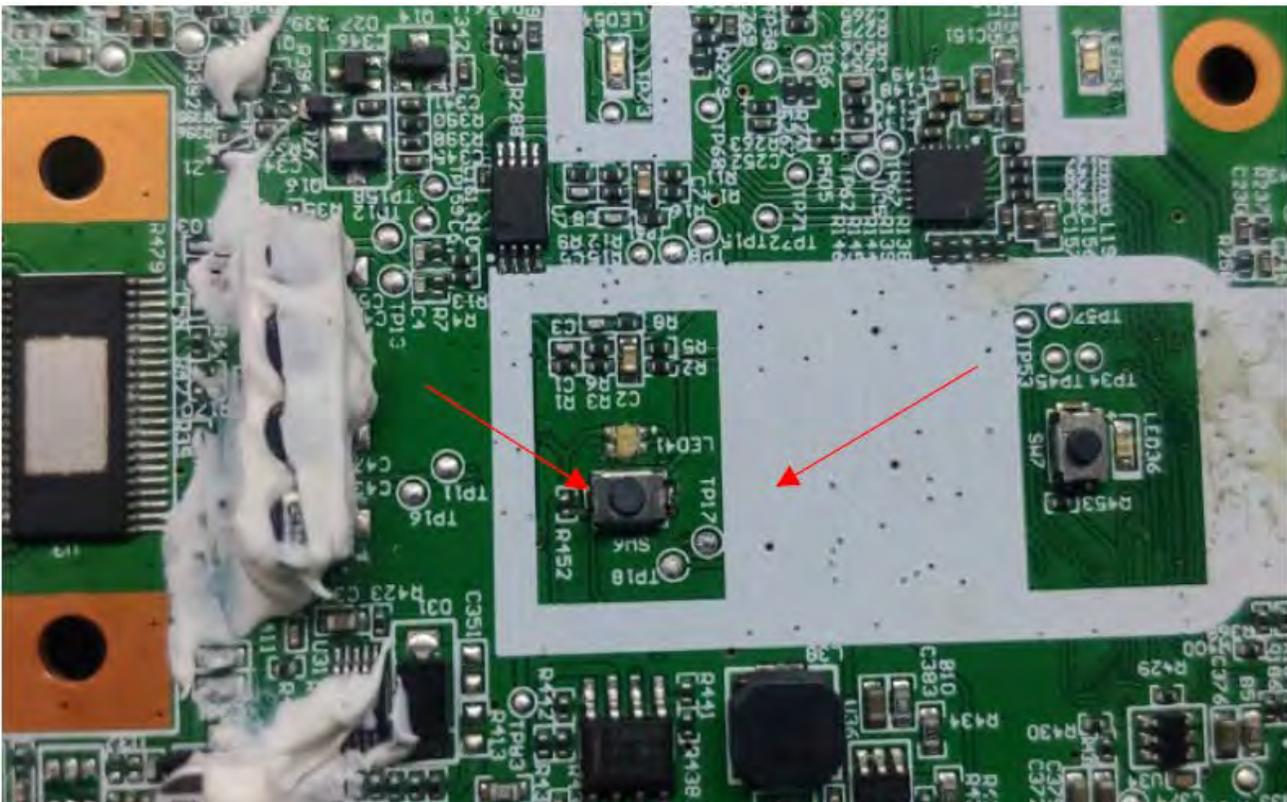
1) Place the soldering iron on the PCB and heat evenly until the solder melts. Remove the tact switch. Take care that the soldering iron does not touch the parts surrounding.



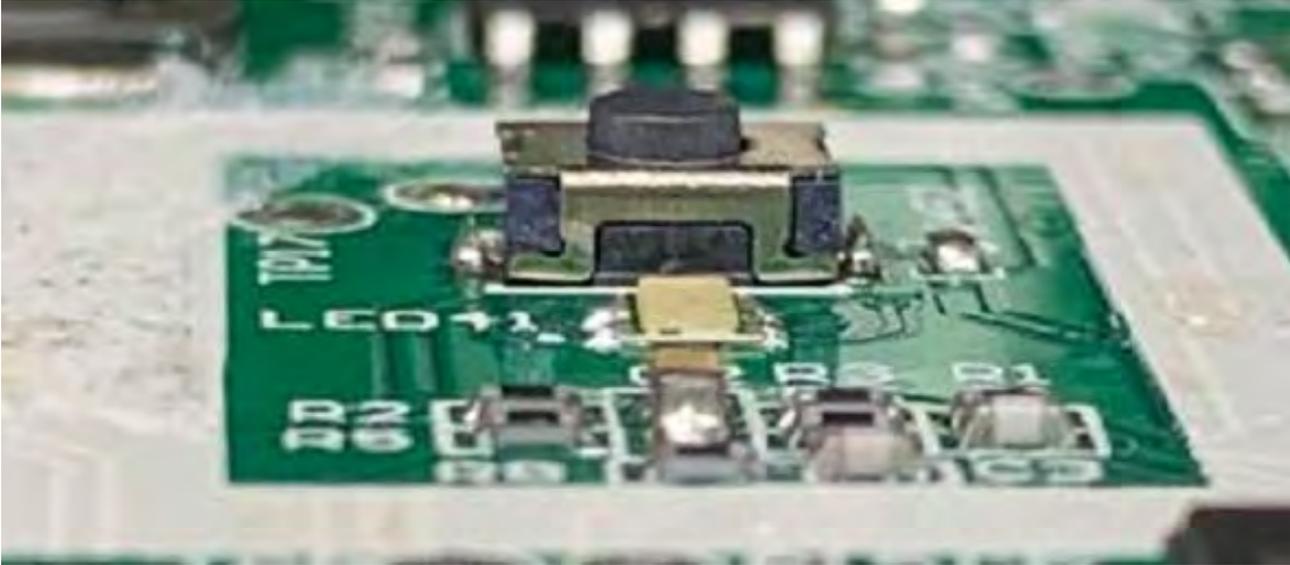
2) After you remove the tact switch, clean PCBA with Isopropyl Alcohol 90% or higher.



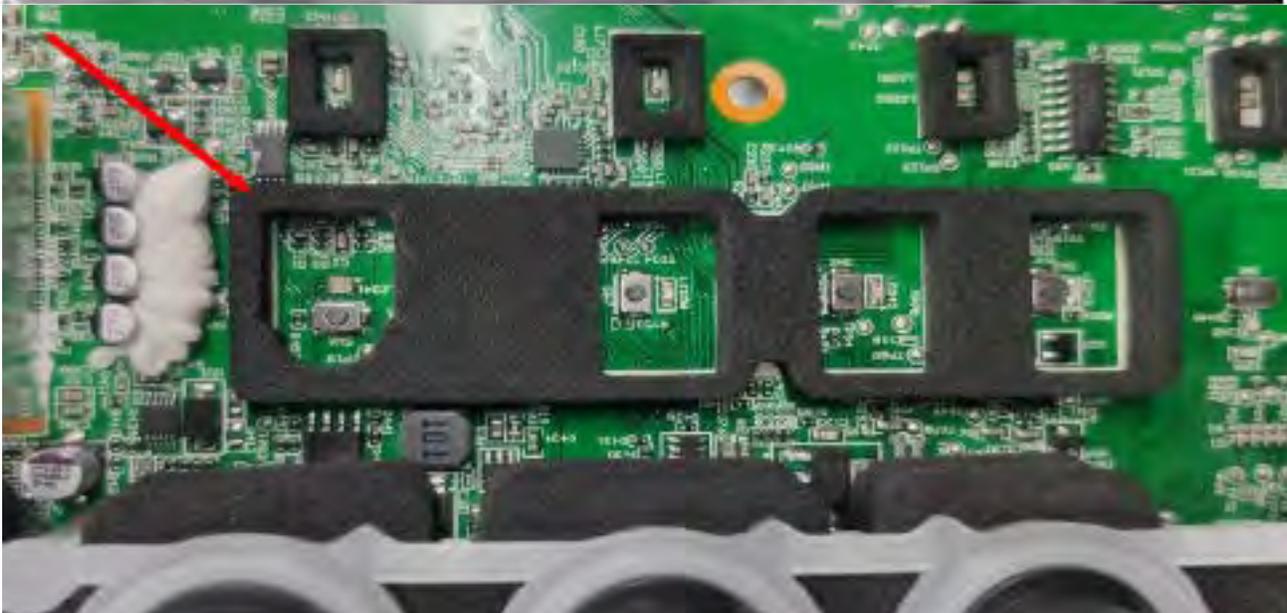
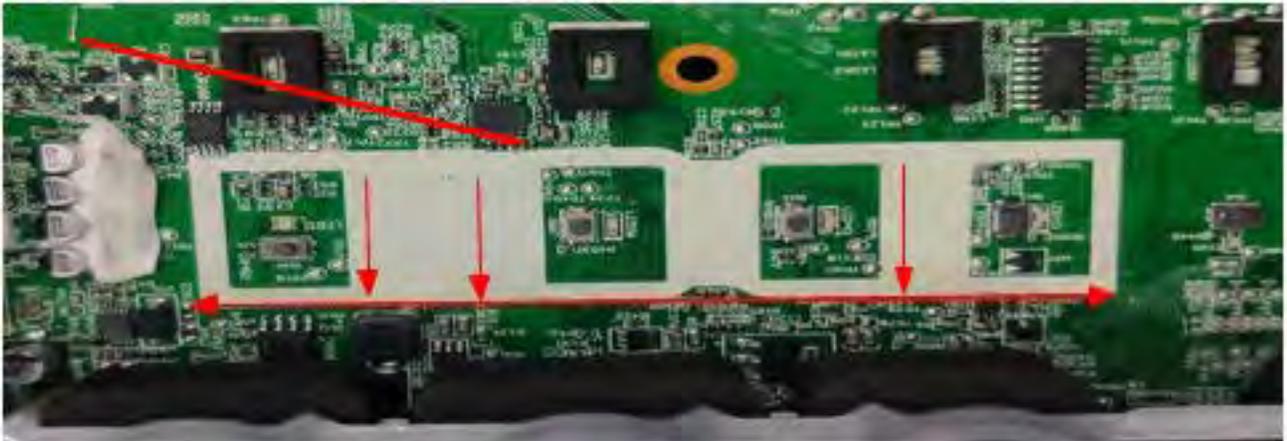
3) Place the tact switch according to positioning line, and solder switch to PCB.



- Inspection:
1. Tact switch soldered flat on the PCBA
  2. Clean PCBA with Isopropyl Alcohol 90% or higher.



Step 9: Place new EVA gasket on the PCB as close as possible to the following red line.

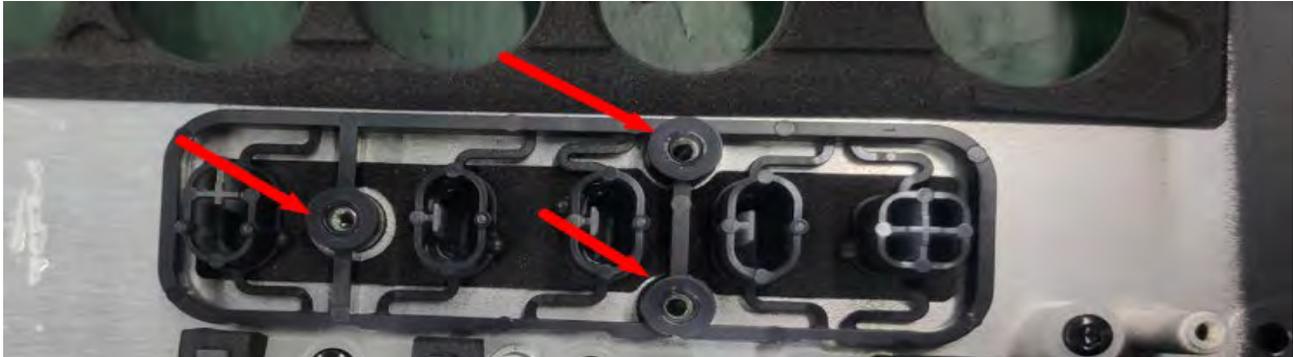


Step 10: Confirm whether BT button has been damaged.

- If no, skip step 11 and go to step 12.
- If yes, proceed to step 11 to replace the BT Button:

Step 11:

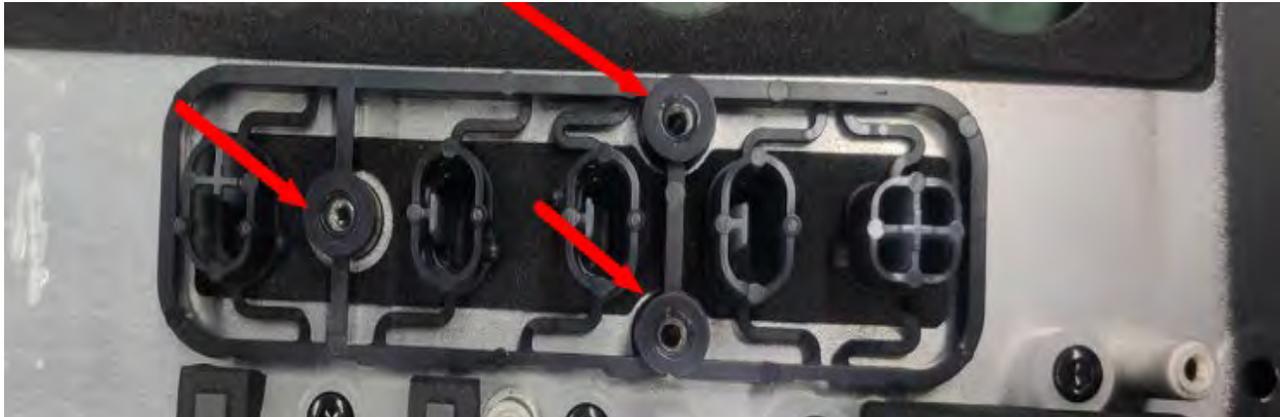
1) Remove the 3 screws holding button assembly to chassis.



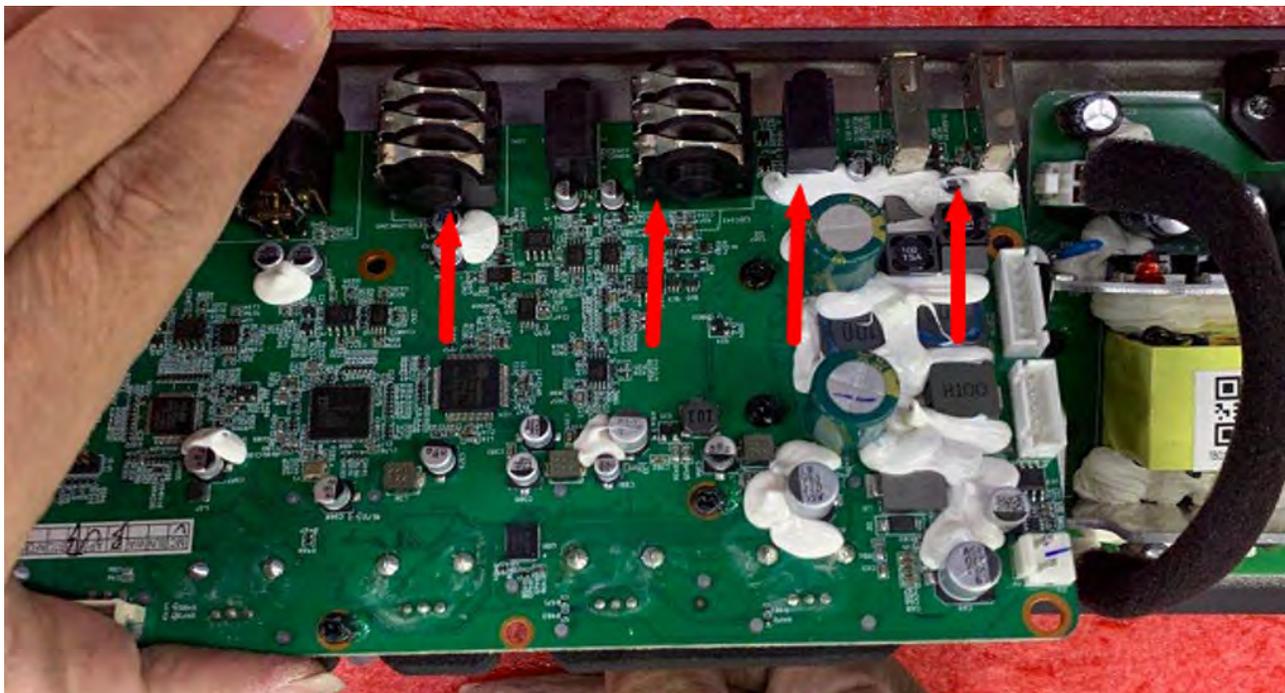
2) Move the button assembly EVA gasket to new button assembly.



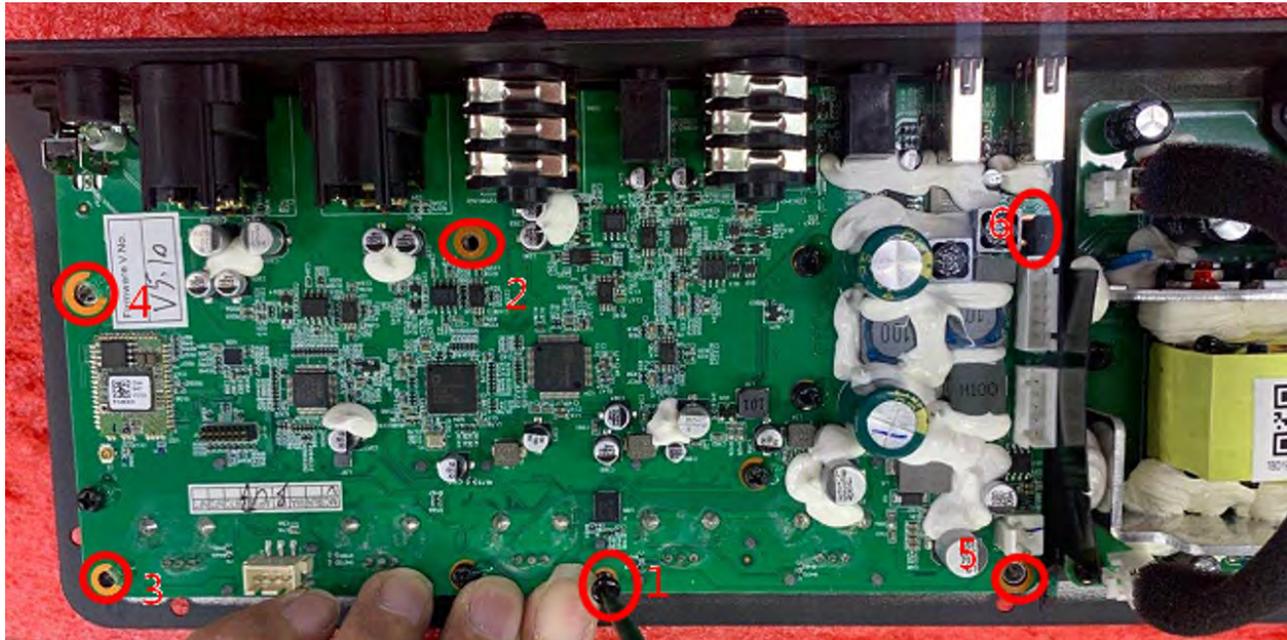
3) Re-secure the button assembly to chassis using the 3 screws previously removed.



Step 12: Insert Main PCBA to Amp chassis .



Step 13: Secure the Main PCBA to amp chassis using the 6 screws in the following sequence..



Step 14: Verify the BT button moves freely, and the tact switch is engaging and releasing correctly. Tighten the connector screws and 1/4" nuts. Now check the BT button, and tact switch again to make sure both are still working correctly.



Step 15: Use locktight to keep the screws from backing out from vibration.



Step 16: Re-connect all cables.



Step 17: Position the Amp Assy back into place with the Compact SPK, and tighten the screws in the following sequence. You are now ready for final testing to verify correct operation.

