

Amp Location is driver rear, behind Paneling



Amp secured to Amp mount by 4 10mm screws. I didn't see the ones on the bottom so I just removed the whole mount.



## Logic7 DSP from my 2016 E400



- It looked a little different than the unit from jonUF02 & RNBRAD's post
- Be careful when handling the Logic 7 DSP outside of the case. Don't wipe away the thermal paste on these chips or they won't cool properly.
- Might be a good idea to use an ESD strap because the board is uncoated full of digital ICs. (That's the Aerospace Circuit Board Engineering experience in me coming out)



- This is how I secured the connections
- I used hot glue to bond the harness to the board and provide strain relief on the solder connections (More Engineer stuff). If I did this again, I would have used smaller gauge wire. I used 14 or 16 gauge wire for my high level input. Which was probably overkills, but its what I had.
- I drilled 2 holes in the amp casing/heat sink. First hole(pictured) was an accident. I didn't realise it was on the wrong side of the case/connector. So I drilled a 2<sup>nd</sup> hole that allowed the wires could go straight out of the amp with no bends. I didn't want to Dremel the casing like jonUF02 did, in addition to the fact my amp was different from his. Electrical connections were the same though.



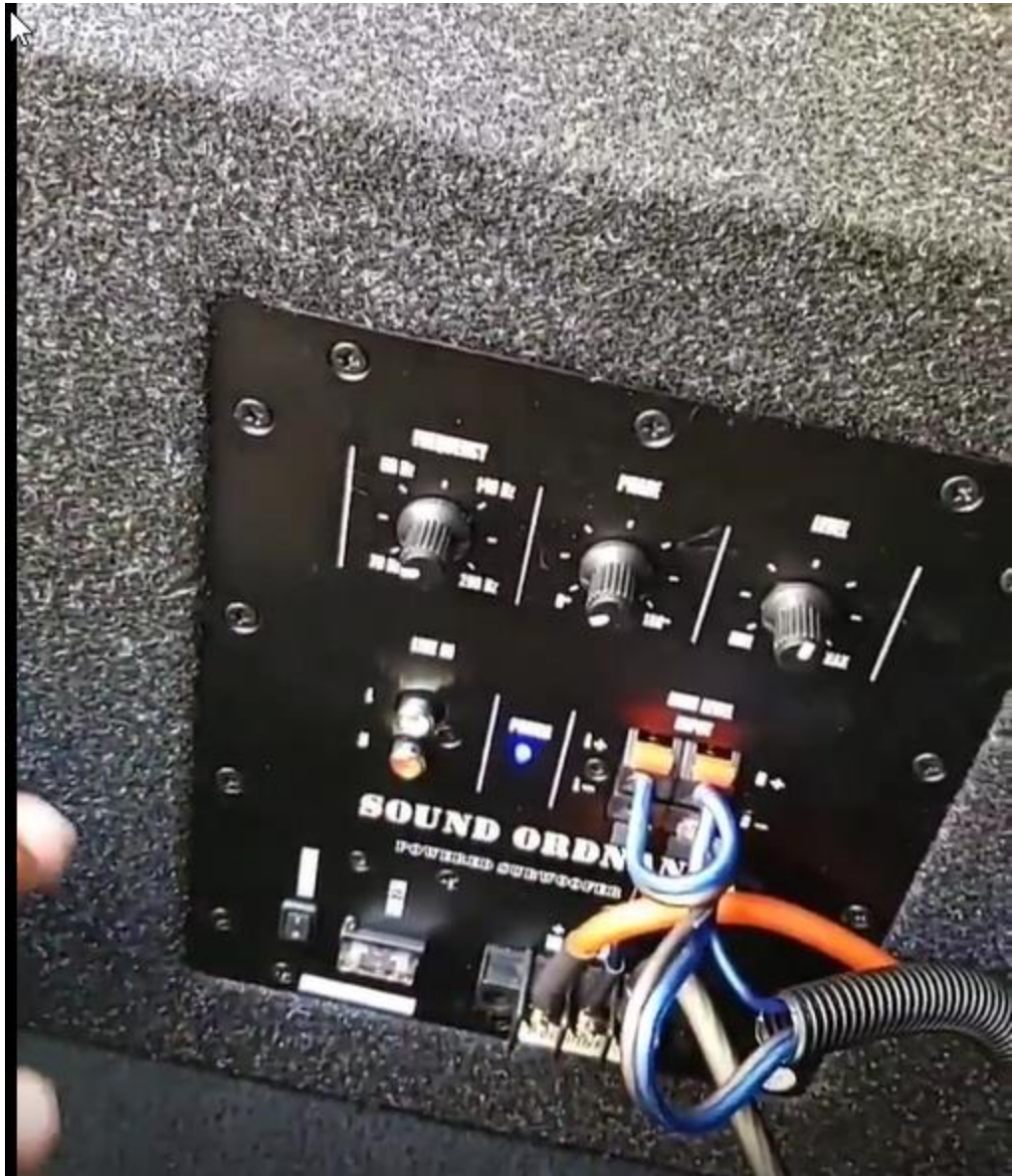
- This is after I reinstalled the amp prior to securing the wire harness with Zip ties and covering the connections with loom.
- I may go back and add a connector to keep the assembly modular, but then again. Only reason I should ever have to touch this again is if the amp fails, If that be the case, I'd have to mod the new amp anyways.



- There were two existing ground posts. The one I used for my Amp (-) was unused. It was probably for cars with full size battery in the trunk. The one on the opposite side(not pictured), is attached to the negative cable for my auxiliary battery. I decided to use the one pictured because my ground cable would have been too short to hide wiring behind sub if I used the other.



- Post loom



- Amp/Sub fired up first time!
- The one issue I had is the Amp had 4 inputs for High level input (Stereo), but I only Tapped two connections. So Sub was getting like half the power because it was only getting Mono high level input.
- I bridged the other connections with a jumper wire and this little thing started hitting HARD at half gain. Surprising, considering this \$120 8 inch Powered sub is rated for 80 watts RMS.





- I eventually swapped this unit out for a JL Audio variant. Which was the plan the whole time, its just my JL audio sub was on backorder. I installed this because driving around with no bass was driving me nuts. Especially after going from my BMW F10 HK logic7 sound system (Excellent), to the Mercedes Variant (4/10 in my audiophile opinion).