

DIY Radar detector remote mute button hardwire install

Warning remove negative terminal from battery before starting

This is only guide not liable for damages. Use at your own risk

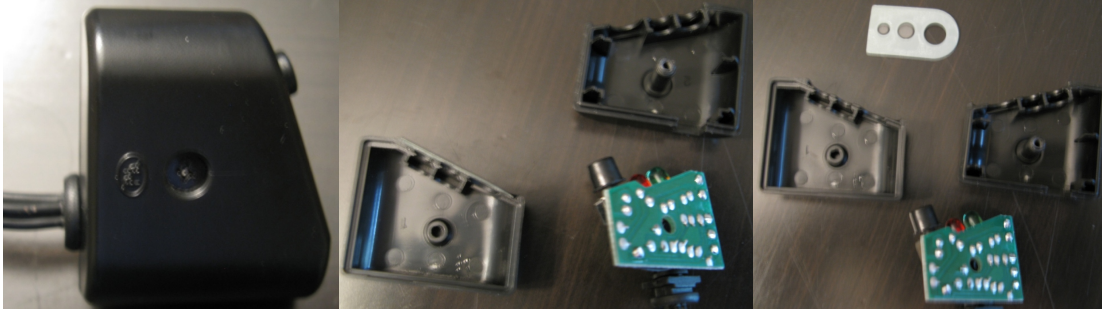
Tools needed

Torx#20
trim removal tools
Wire cutter/stripper
Heat gun (hair dryer)
Sand paper 400 grit
Dremel/ stone bits
Philips small
Epoxy Plastic glue
drill
Tape Measure

Parts needed

9500i passport radar detector
Remote mute straight wire cord
Heat shrink wrap
drill bits 3/16 and 5/16
Spade connectors

1. Unscrew the main body of the remote straight cord and remove the system board and peel the label off slowly as you will use this later

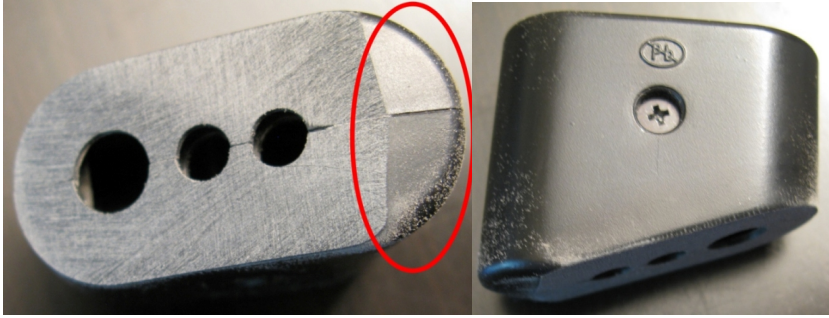


2. Screw the main body back together.

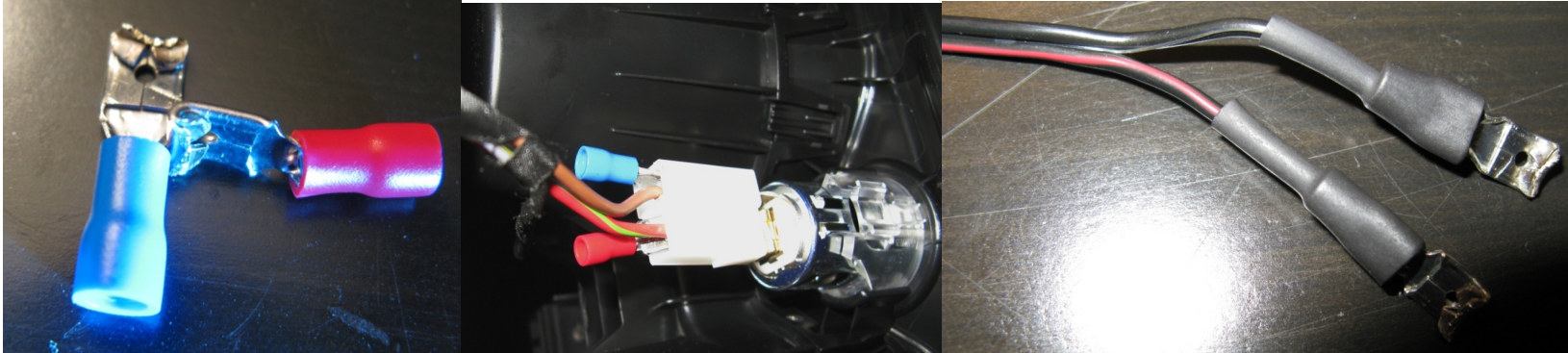


3. Use sand paper to file down top and sides to desired depth. You may have to sand the right (circled) edge to clear the guide post on the back side of the center console trim piece. I didn't get a picture of this but should look similar to the pictures below. (the rough surface will also

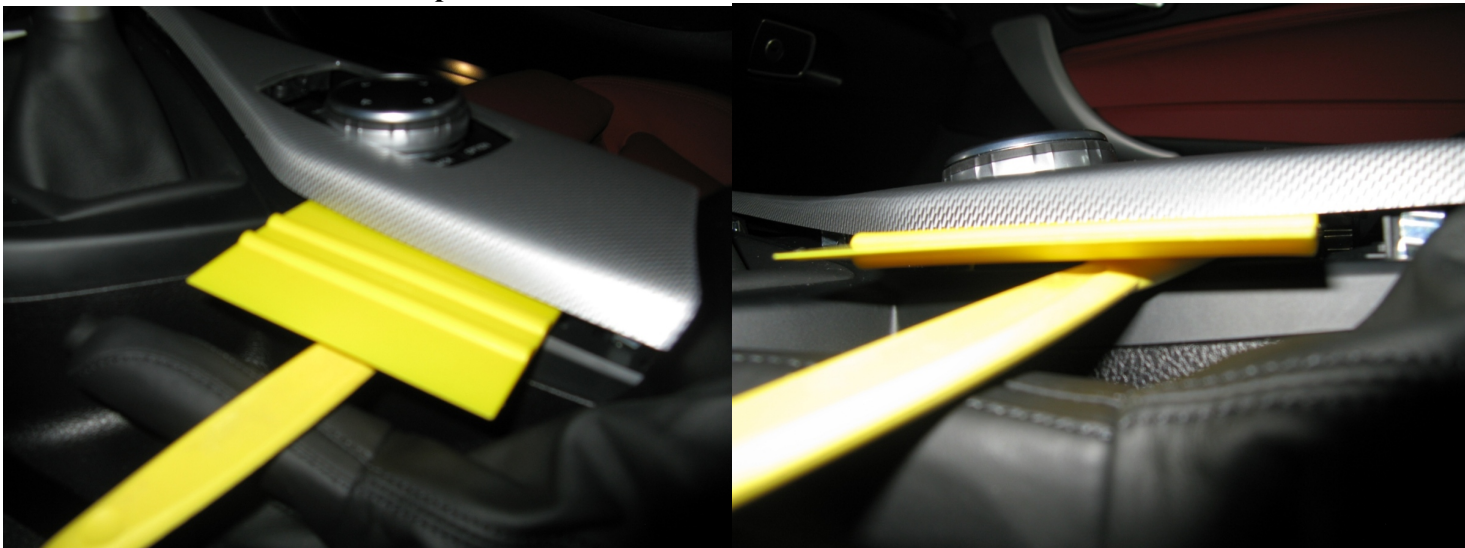
create a bonding surface later)



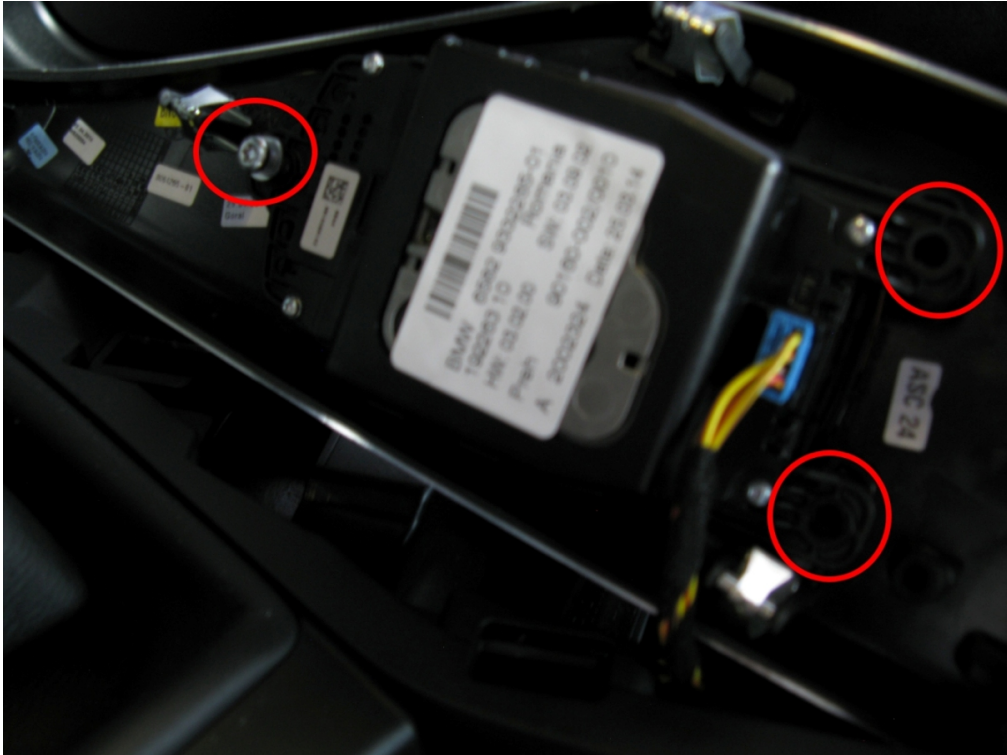
4. Take the 2 spade connectors and curl the top as shown (this will help a snug fit into the cigarette lighter plug). Then crimp and heat shrink. (don't forget to put the heat shrink on the wire before you crimp)



5. Put the straight cord and main body aside for now and lets take apart the center console and pull the center vents
6. Start with the trim tools (I also used a Gila film tool to get the trim started much thinner) Work your way around to pop it up evenly. Then slide it back to unhook the front part.



7. Remove the Idrive screws (3) torx #20 (circled) then slide the unit out and let it hang over the side. Bring the trim piece inside.



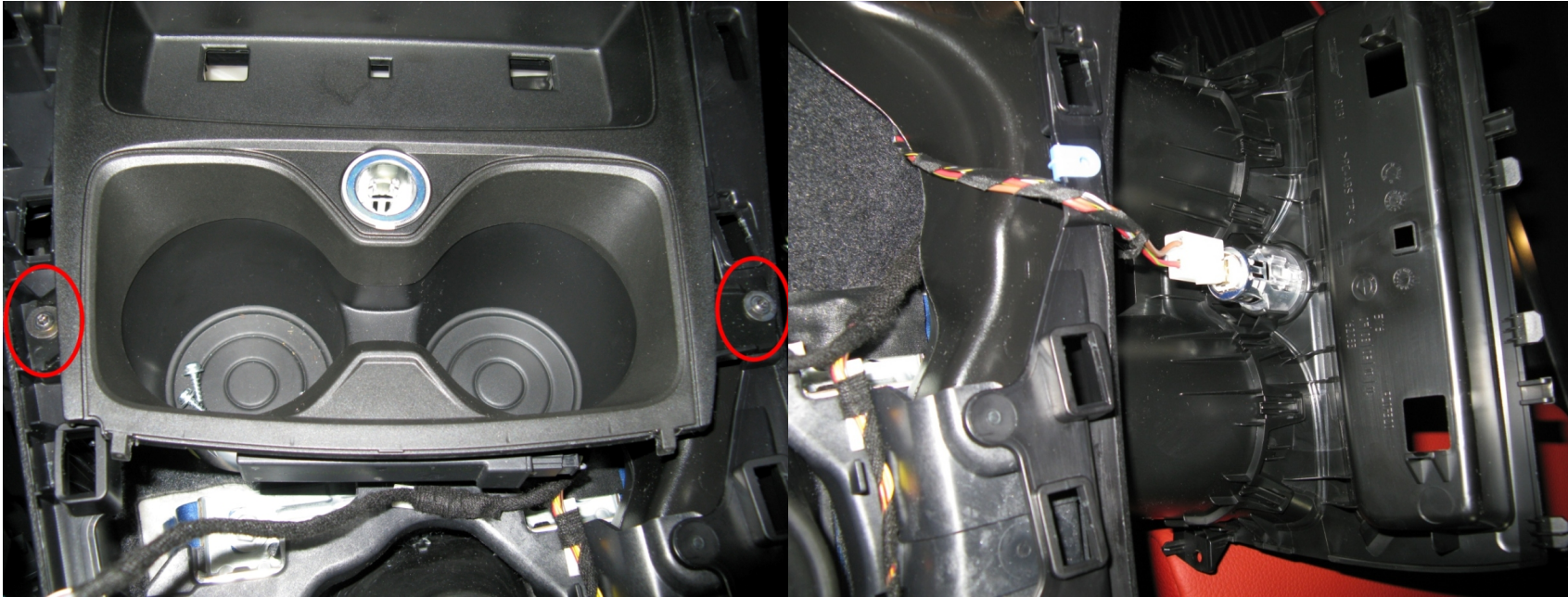
8. Pop the shifter boot out by prying from the front then sliding out the back. Then pull it up so it is out of the way. Remove the rest of the center console by prying up the trim ring shown below. Start from the arm rest and pry it up evenly before pulling it out.



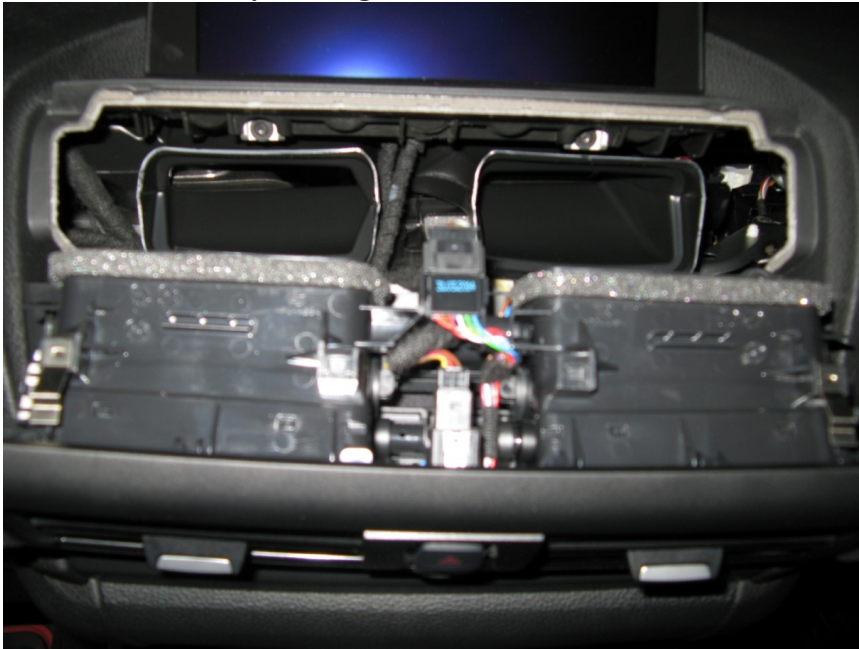
9. Either disconnect the cable to the mode selector or swing it to the side of the console like this



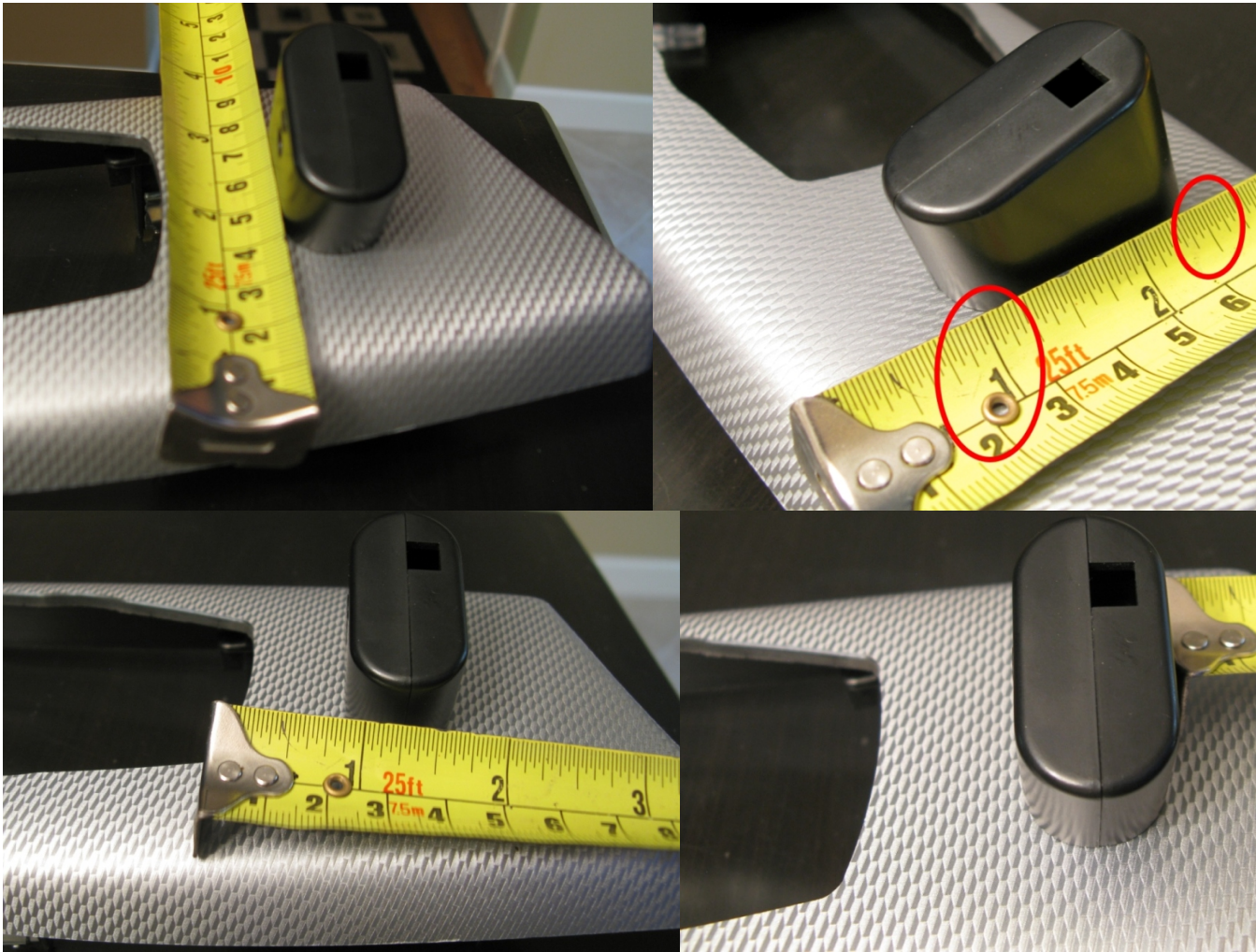
10. Now remove the cup holders by 2 screws torx #20 (circled). pull up from the back and slide back towards the arm rest. Then let it hang over the side.



11. Remove the center dash vents. Pull from the top first which should come out a little ways fairly easily. then using the pry bar trim tool pull from the side with your fingers and bottom with the trim tool. It does take a bit of force but it does come out. Repeat on the other side.

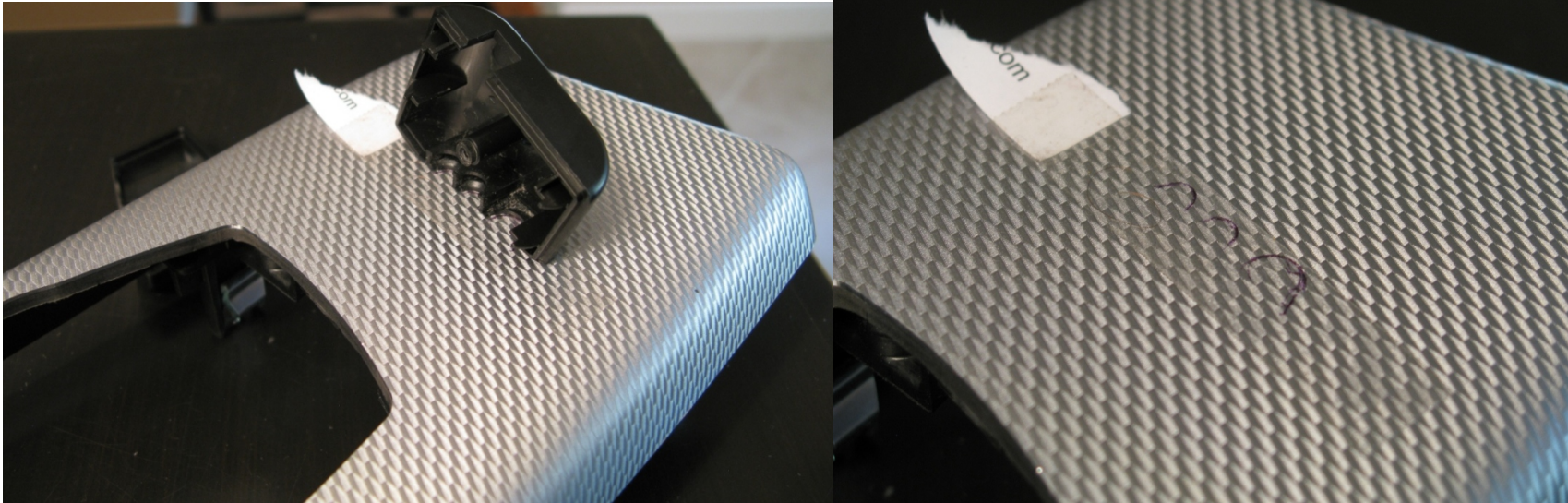


12. Now back inside to customize the center trim. To get the main body in the desired area. Use a tape measure to line it up about and inch away from the idrive opening as shown. Center it between 1 inch and 2 1/2 inch marking as show circled.

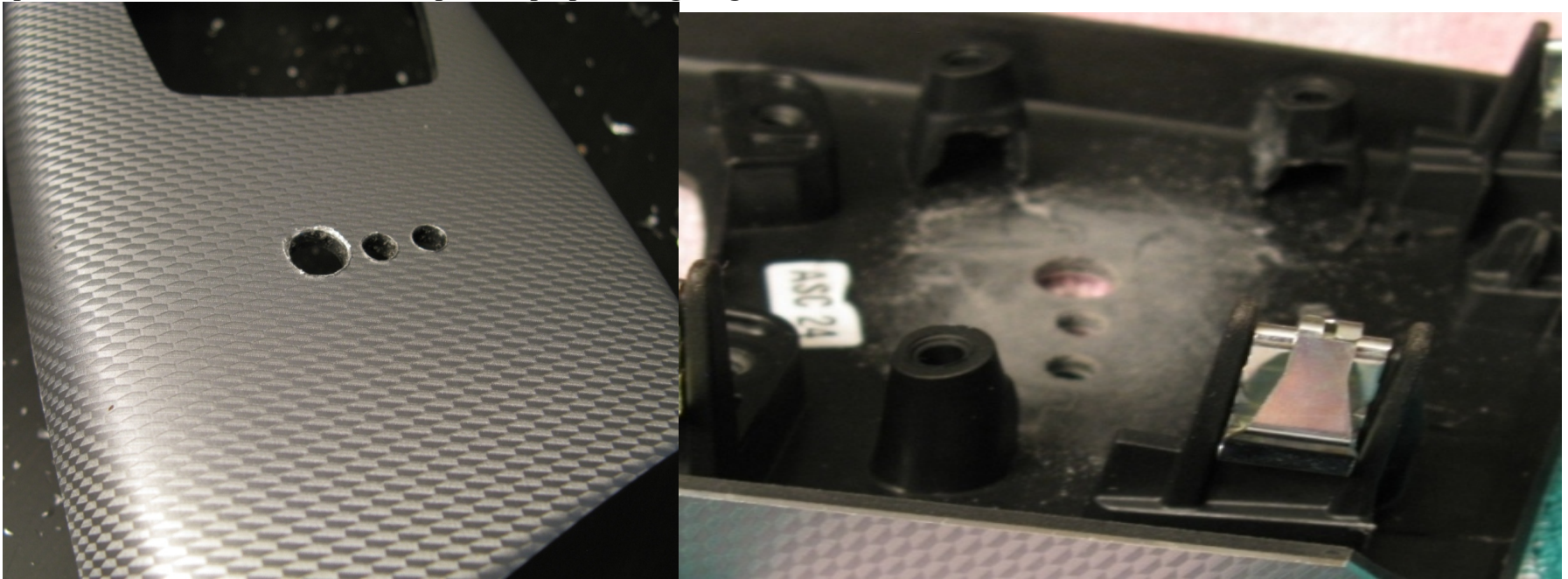


13. Place double sided tape down so the main body will stick. I used a piece of paper to make it easier to pull the tape up after drilling. Place the main body in the desired area re-measuring to be sure it in the correct spot. Then holding one side pull the other half away. Now you can

trace half circles for aligning the holes to be drilled.

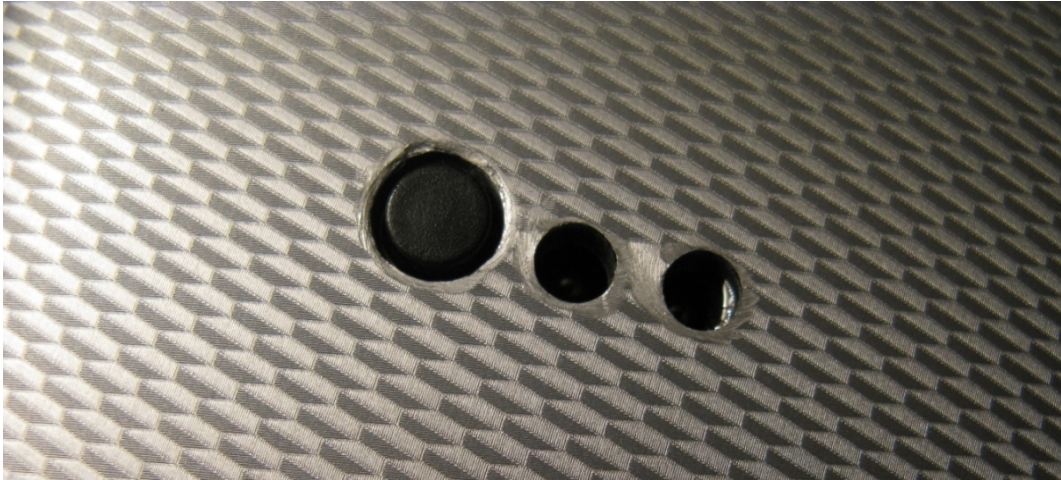


14. I centered the drill bit by hand first and hand twisting the bit to start a small pilot hole before using the drill. This helped keep the drill bit centered during drilling. Deburr the edges as you will need a smooth surface for the label. I used a dremel with a small stone bit at slow speed. Sand the back side of the trim piece to prepare for gluing.



15. Be sure to test fit your main body, checking that the holes all line up. Clean both parts and mix 2 part epoxy and apply as directed on the tube. Be careful not to get epoxy in the button or it could get stuck. Mine actually did get stuck but I was able to reach in with a pick tool and

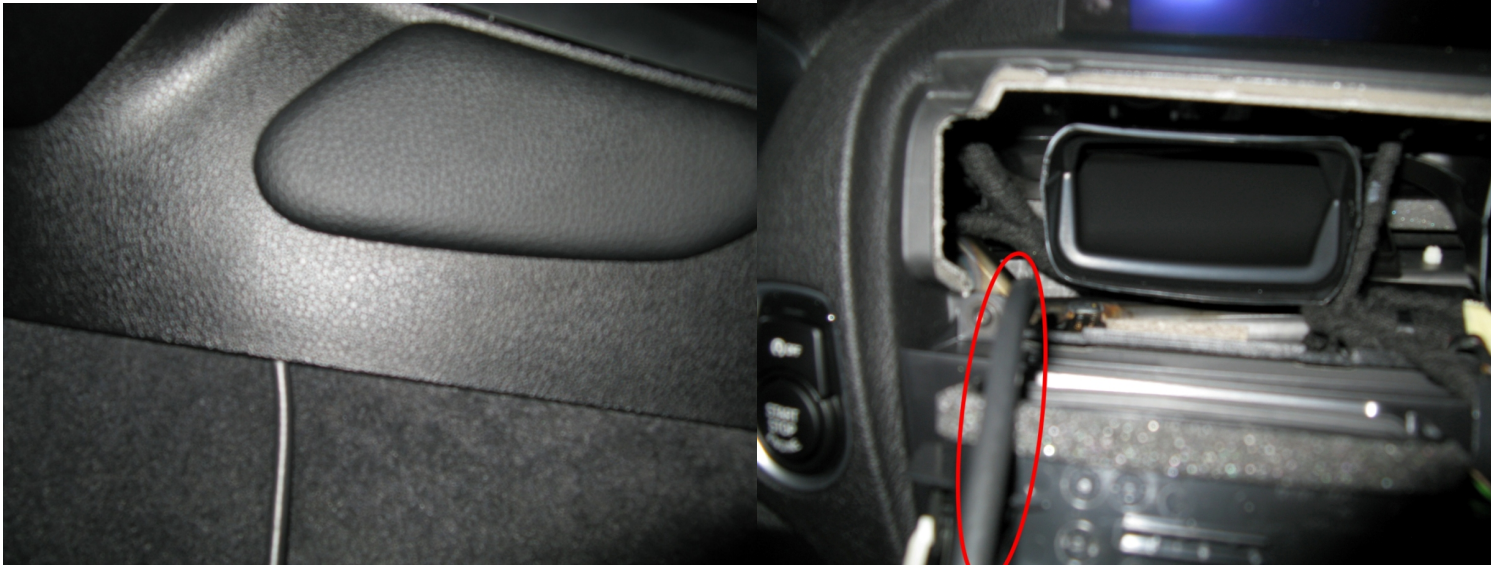
pull out the extra epoxy before it hardened permanently. Phew



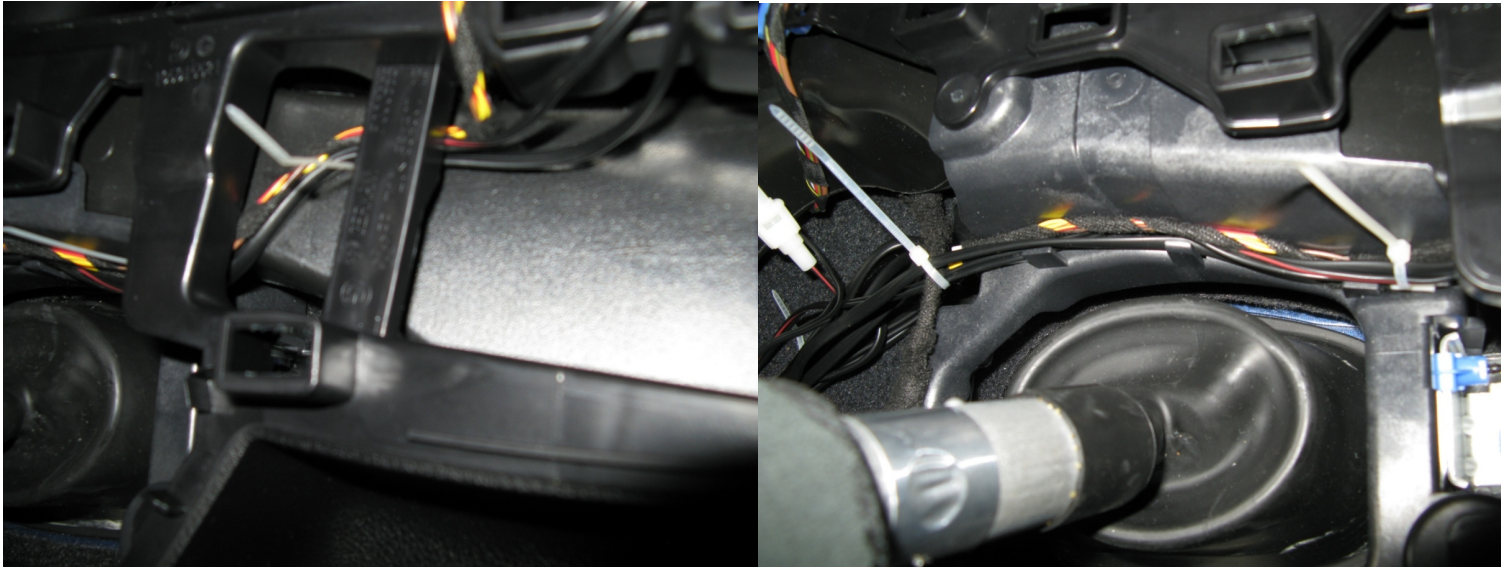
16. Now clean the top portion of the trim piece preparing it for the label. Apply the label heating both the trim piece and label a little so it affixes securely.



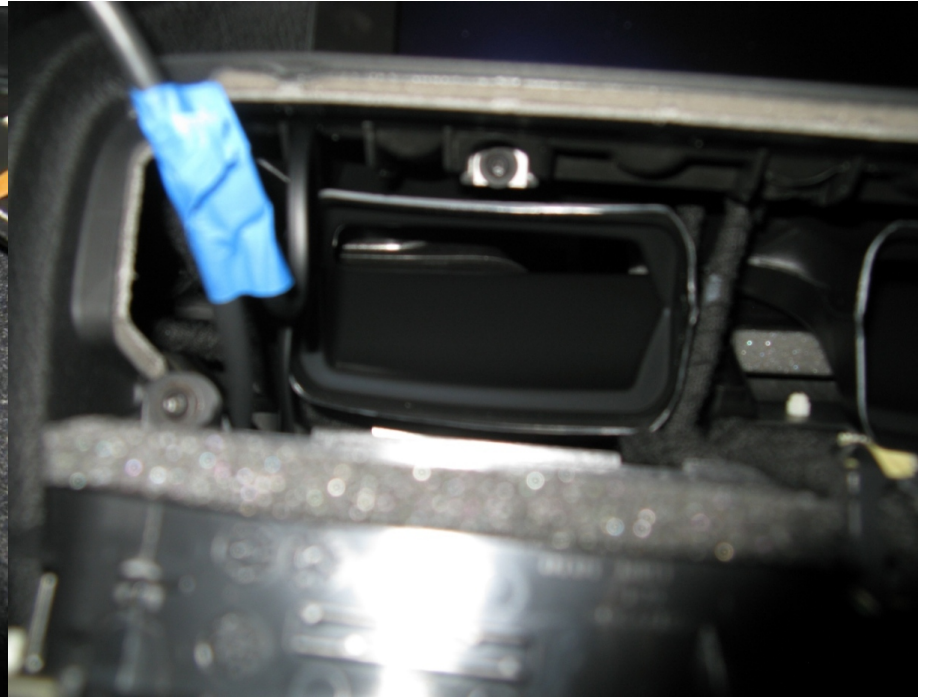
17. Ok ready to run the wires. I used a coax cable to run it up the side by the leg rest shown below and out the vent area coax circled.



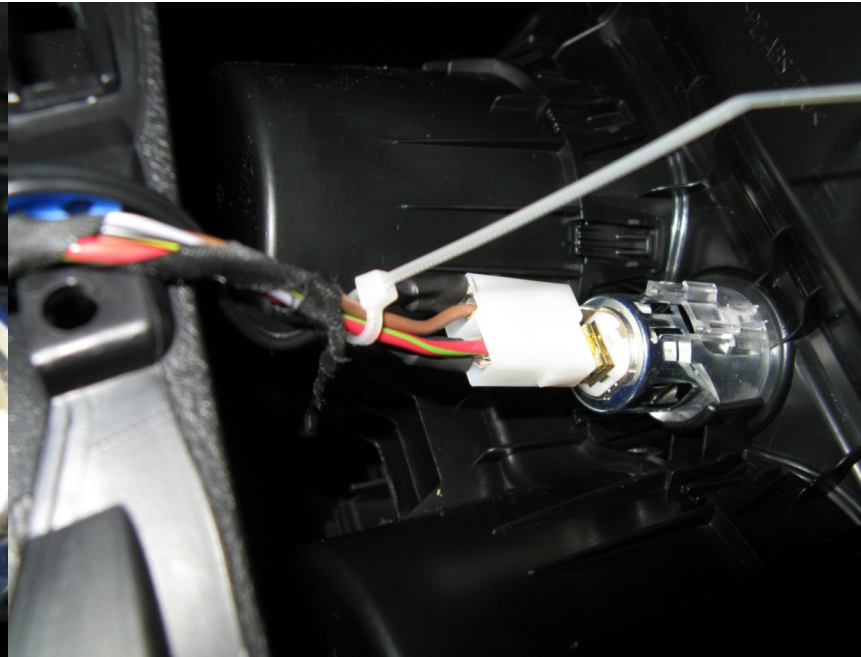
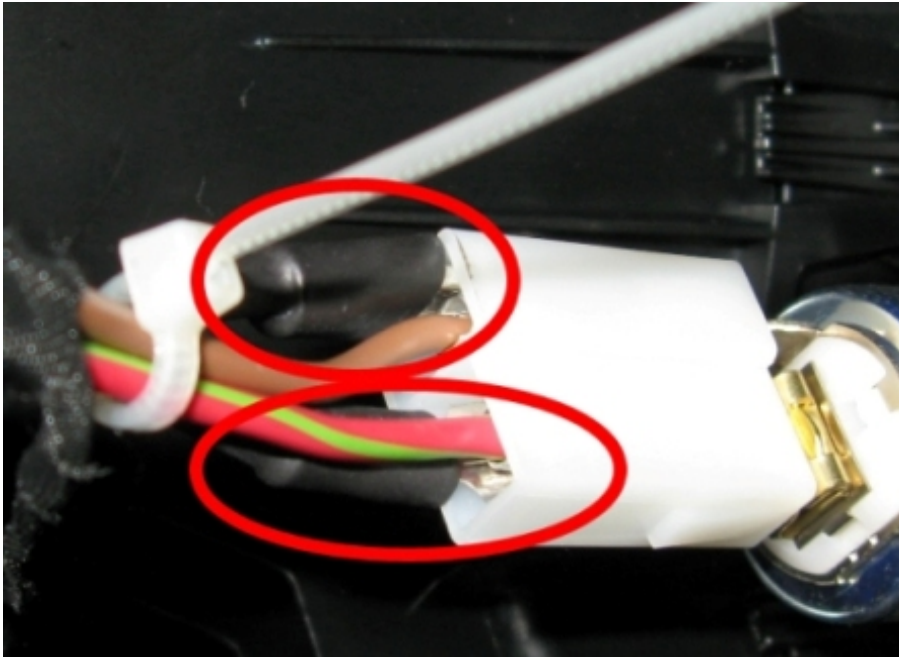
18. To run the wires through the center console follow wires already bundled in the car. See as shown. Use zip ties to hold them in place.



19. Once at the cup holder area now use the coax you ran earlier. Tape the phone plug wire to the coax then pull the coax at the vent area till the radar wire is there. Remove tape and pull the wire to desired length.



20. Now hook up the power. Plug the black/red striped wire from radar to the red/green striped on cig lighter and the black wire from radar goes to the brown wire as shown below. It should be a snug fit since you curled the edges earlier. Then zip ties to ensure they don't come loose.



21. **Reassemble your center console and dash in reverse.**