

## Gen6 Front Camera Install.

Tools needed

PLEASE DISCONNECT BATTERY BEFORE BEGINNING..

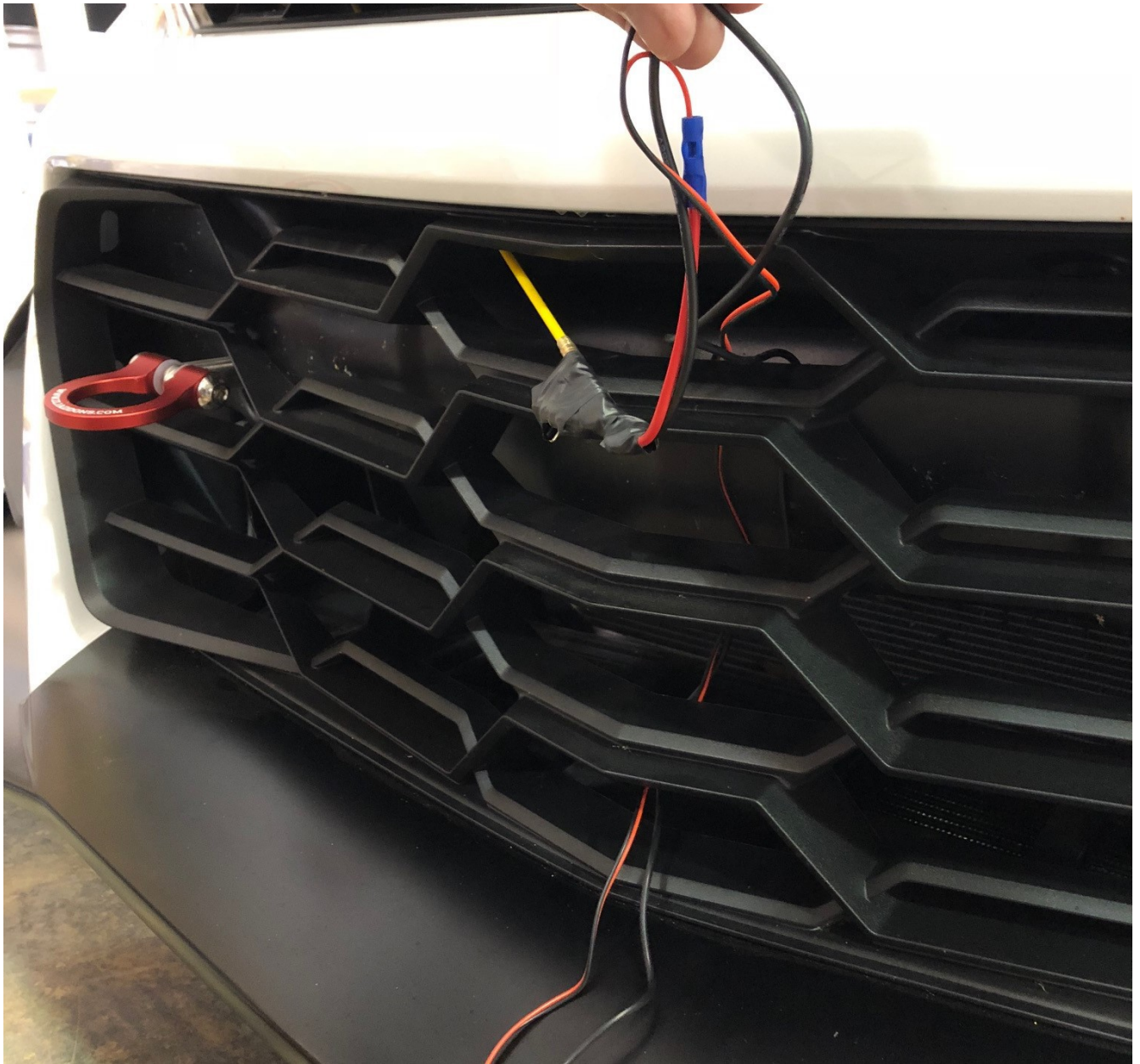
7 mm socket – to remove the 4 screws to the HMI access panel

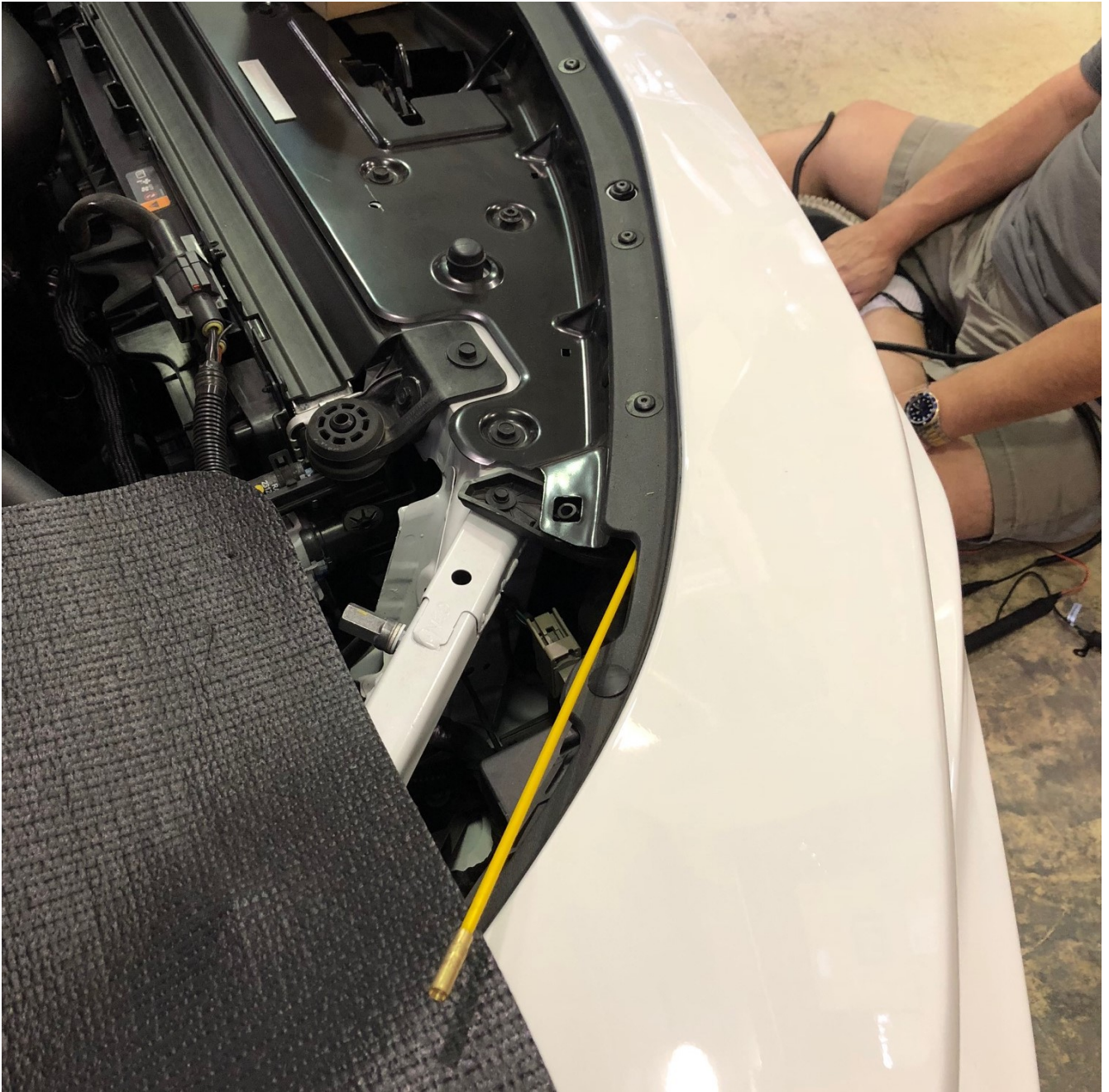
10 mm socket or 10 mm wrench to loosen body ground

Pliers

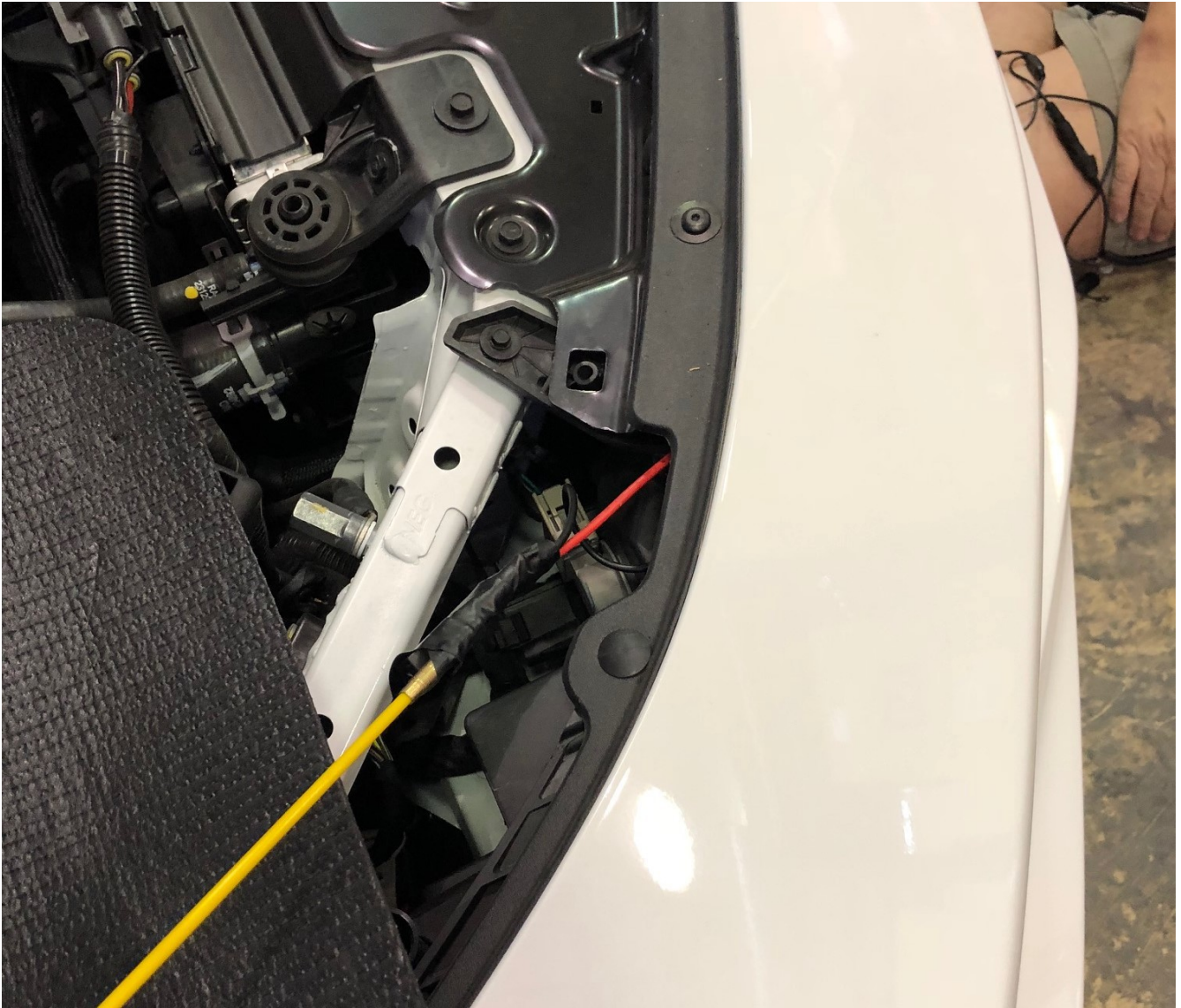
Metal coat hangar or Phishing tool to pull camera wire up from lower grille

1-Run camera wires thru lower grille up towards the center. This is where you will need to run a phishing tool to run the wire up to the fuse block area. Attach the camera wire to your phishing tool and gently pull up towards the fuse block area. You will want to pull them until the camera is close to it's mounting position.





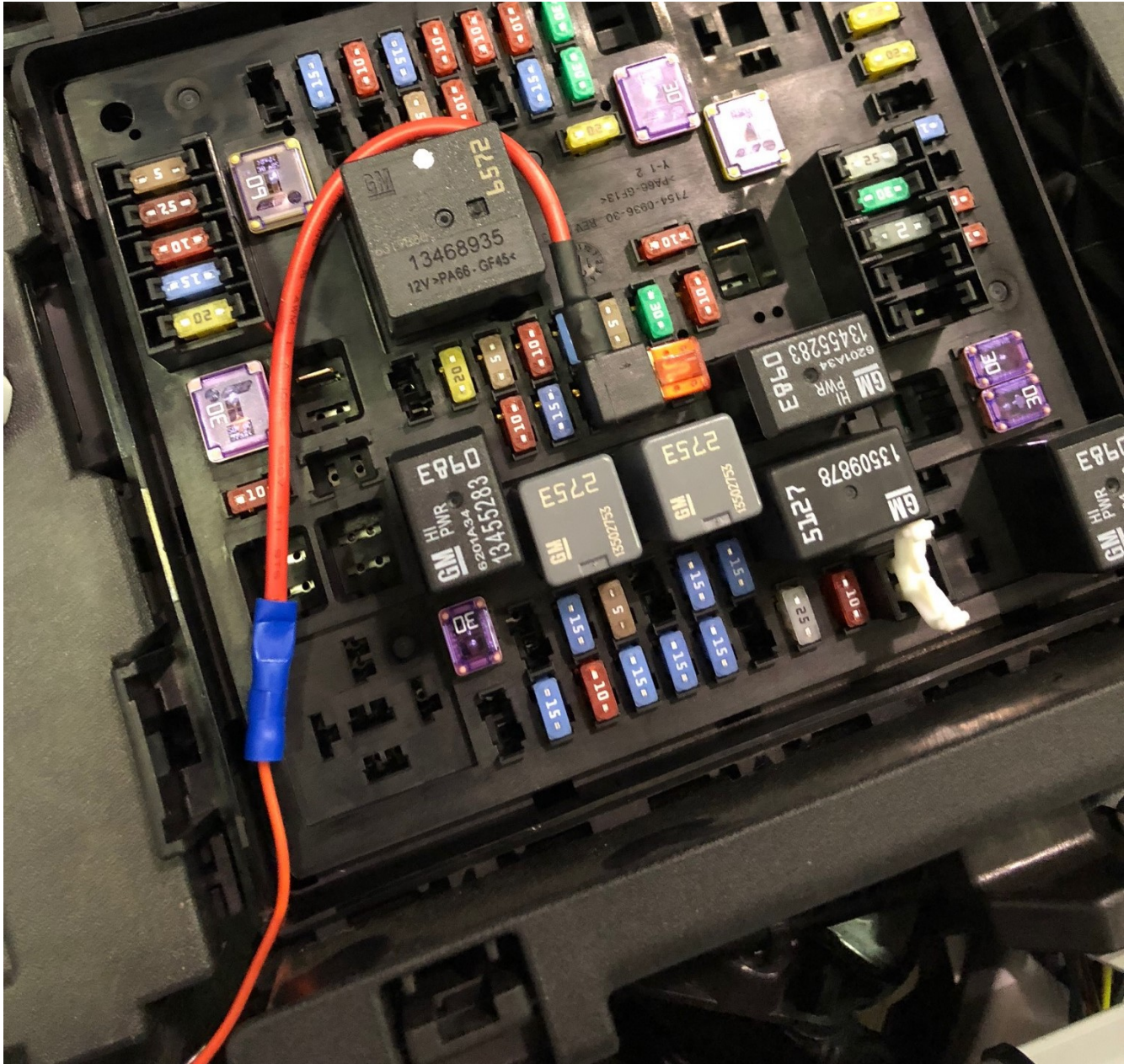




2-Mount lower camera to the lower grille area. You can either attach it with double sided tape or you can use, the included, clips to mount. You also could attach with screws, but you will have to remove the grille to do this. We have used both tape and the clips and have had excellent results.



Step 3-Connect the fuse assembly and the ground wire. Locate the 15 amp fuse in circuit #50. Install the removed fuse into our fuse assembly so that our fuse assembly now has 2 fuses in it. Then install it into #50. Install the ground wire to the fuse block mount.





Step 4: Routing RCA cable into the inside of the car. Route the RCA along the inside of the fender toward the door area. You will then run the RCA cable around the felt.

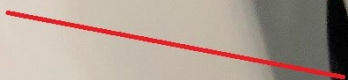




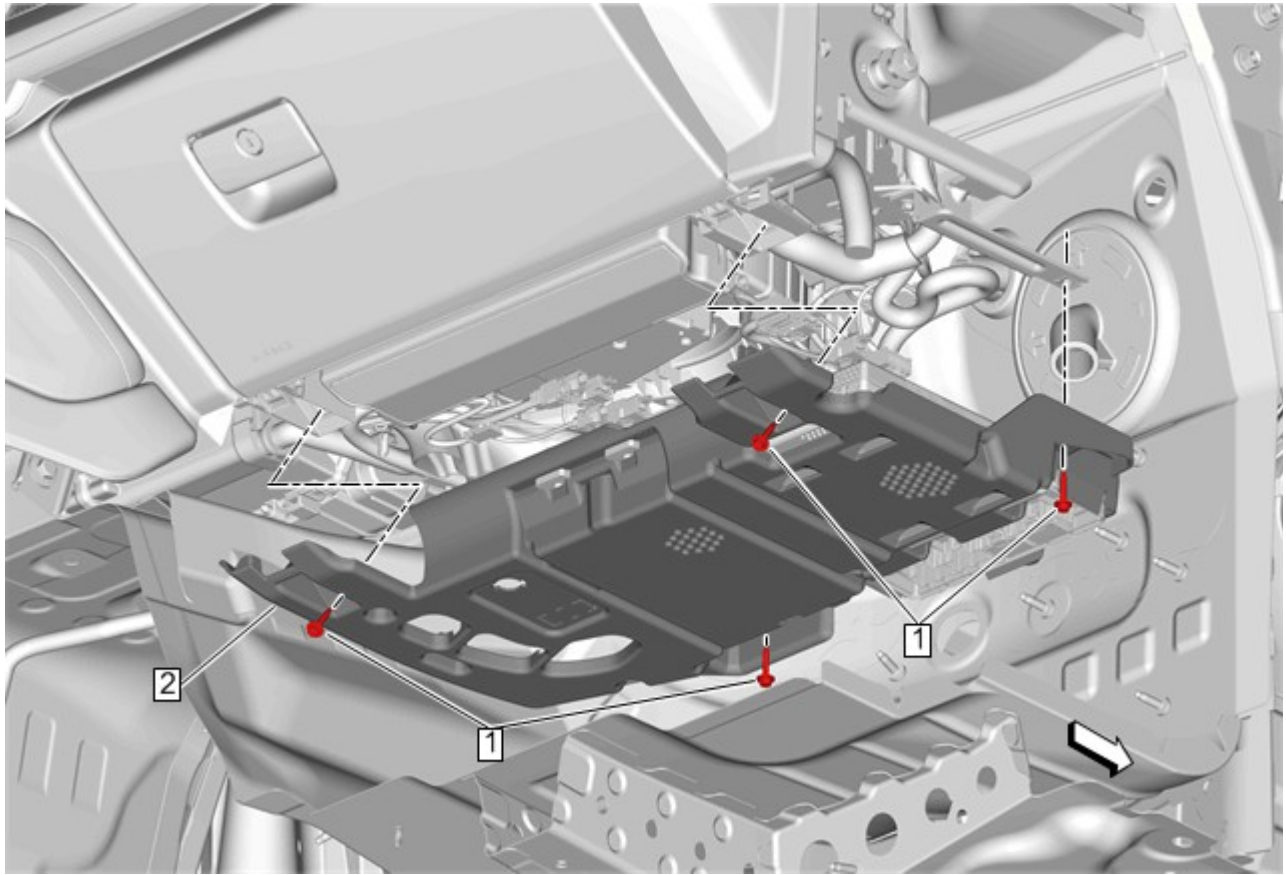


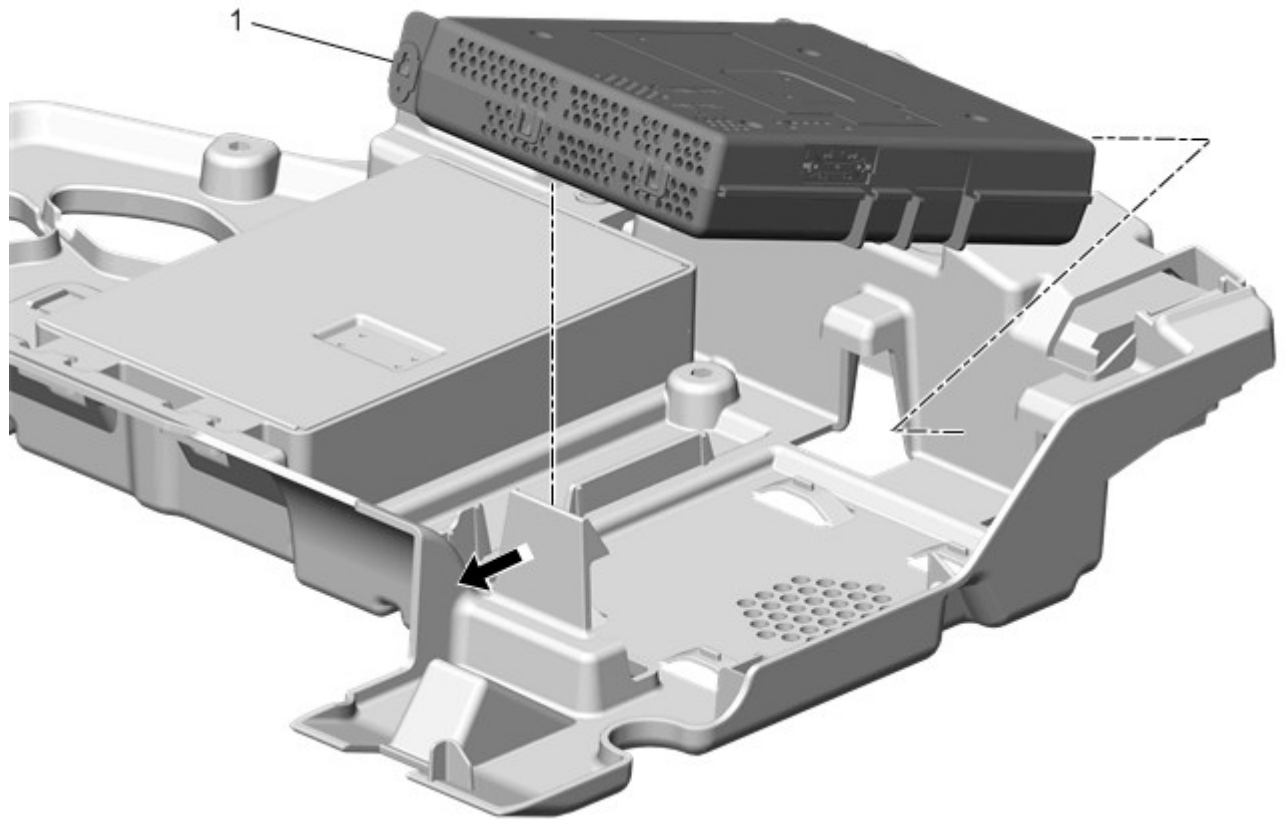
FENDER FELT

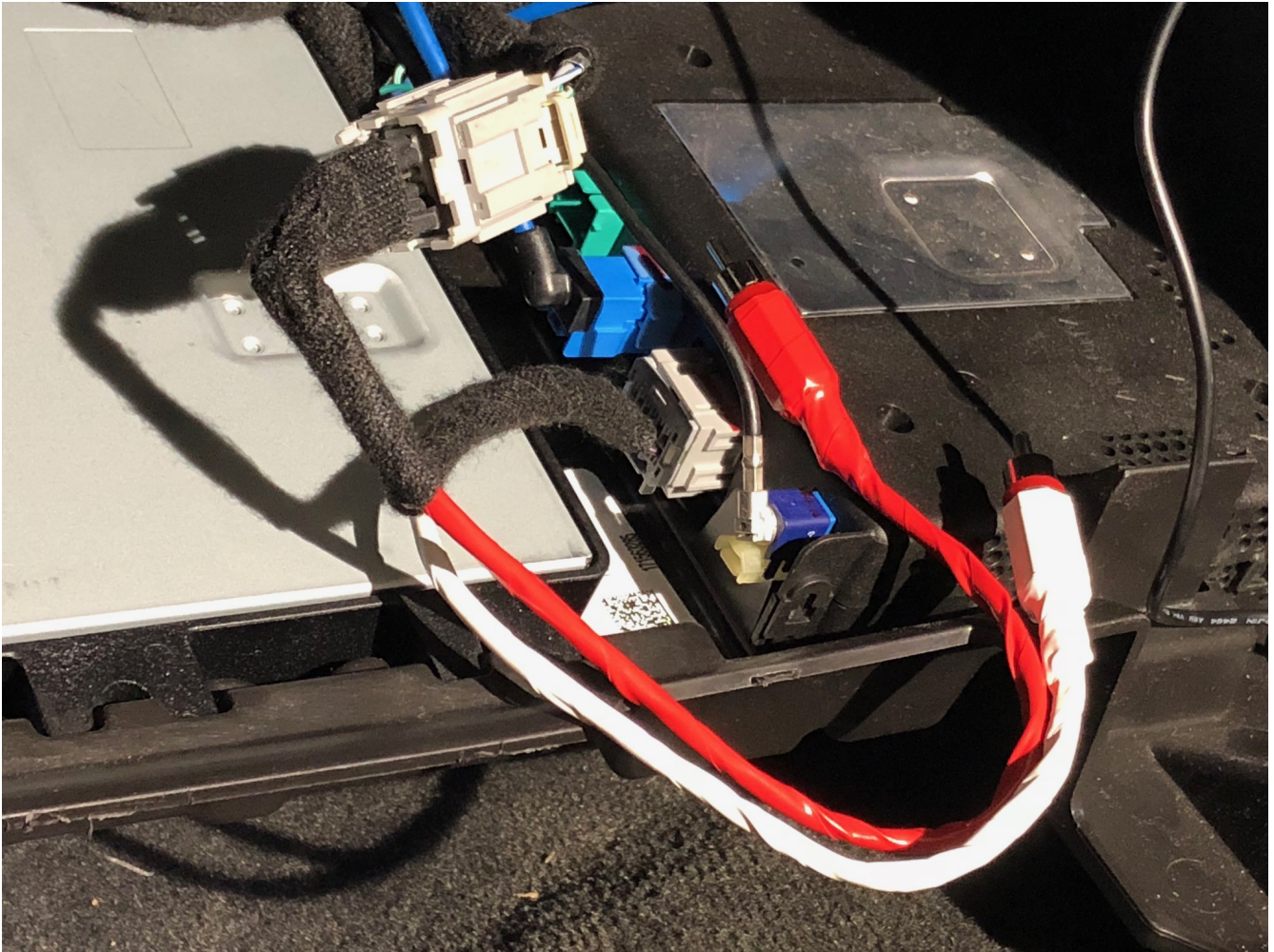
RCA RUNNING BEHIND  
FELT FROM FENDER AREA  
INTO DOOR AREA.  
REMOVE BODY PLUG



Step 5: Remove the HMI access panel: There are 4 screws that hold in the panel. Once the panel is removed you can remove the hmi module and swap it out. When you reinstall the wiring install the jumper harness onto the gray hmi connector.

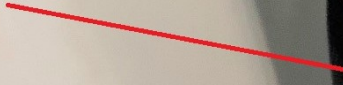






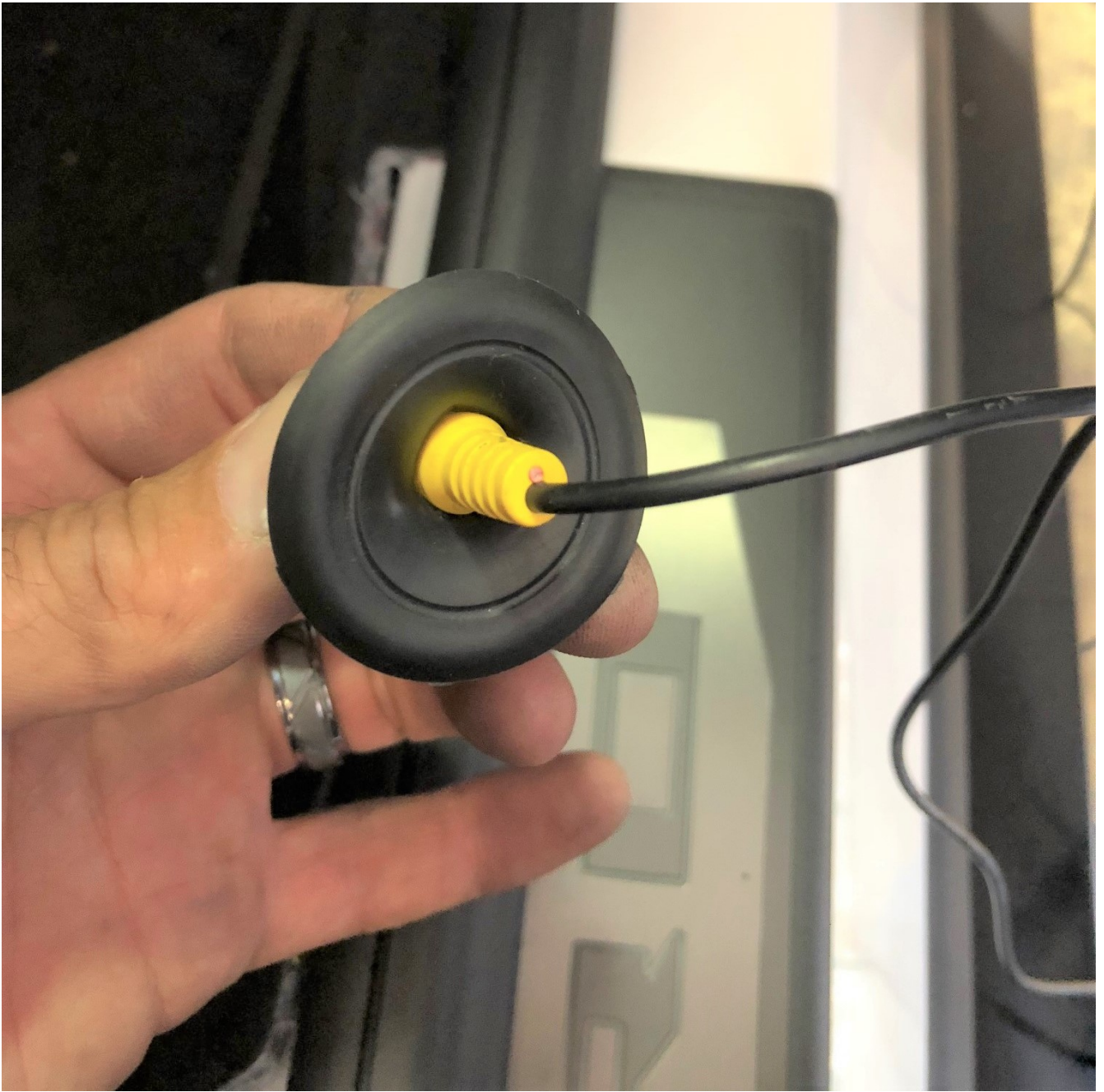
Step 6 :Once around the felt you can remove the body plug and poke a small hole in the plug. Then pass the rca thru the body plug and into the interior of the car. Simply pull the carpet back on the side to pass the cable thru.

RCA RUNNING BEHIND  
FELT FROM FENDER AREA  
INTO DOOR AREA.  
REMOVE BODY PLUG







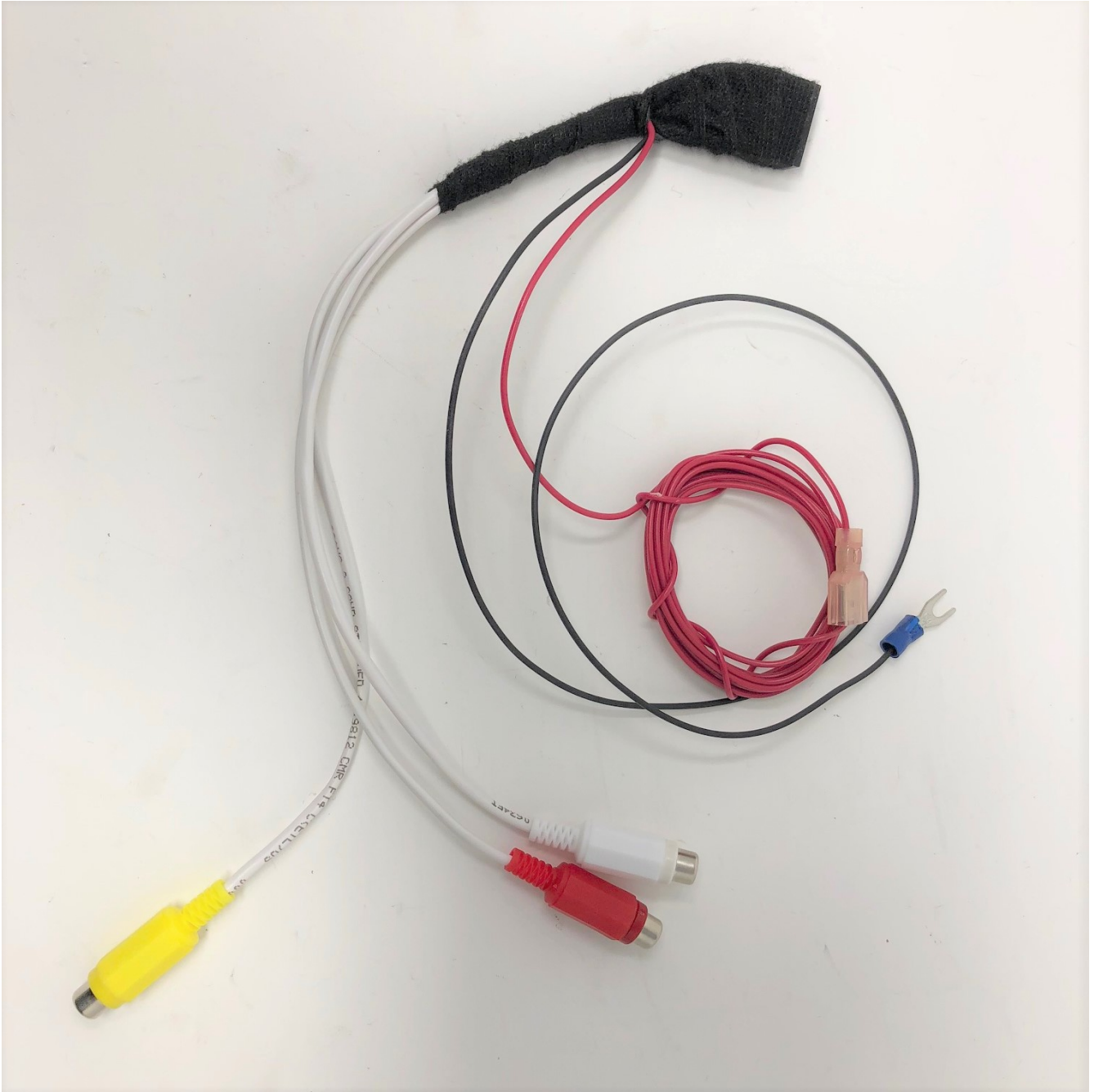


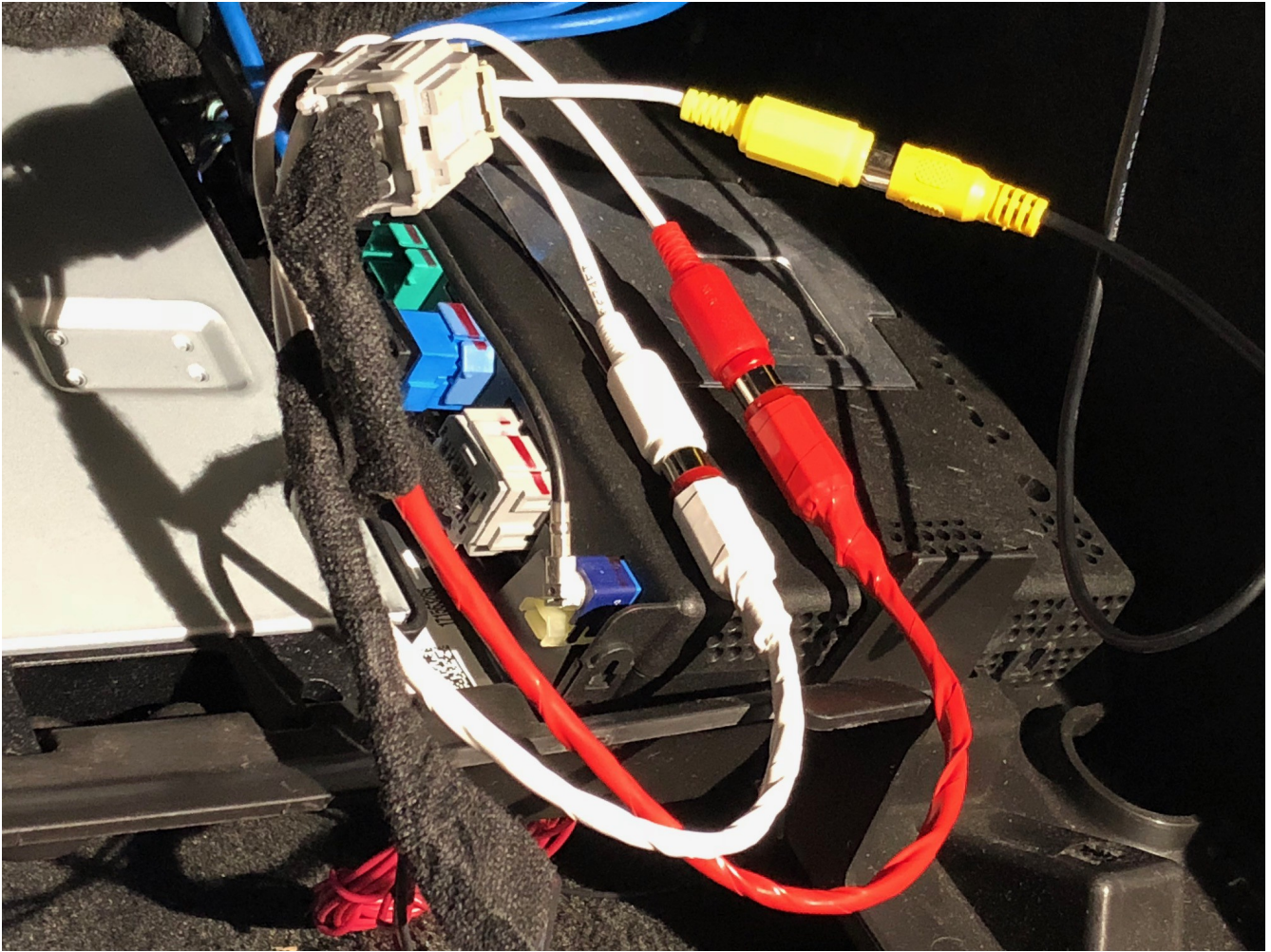


WIRE PASSING THRU  
BODY PLUG INTO  
INTERIOR OF CAR



Step 7: Connect RCA cables together. Connect the yellow RCA to the yellow RCA on the front camera harness. Connect the white RCA to the white RCA on the HMI connector and connect the red RCA to the red RCA on the HMI connector





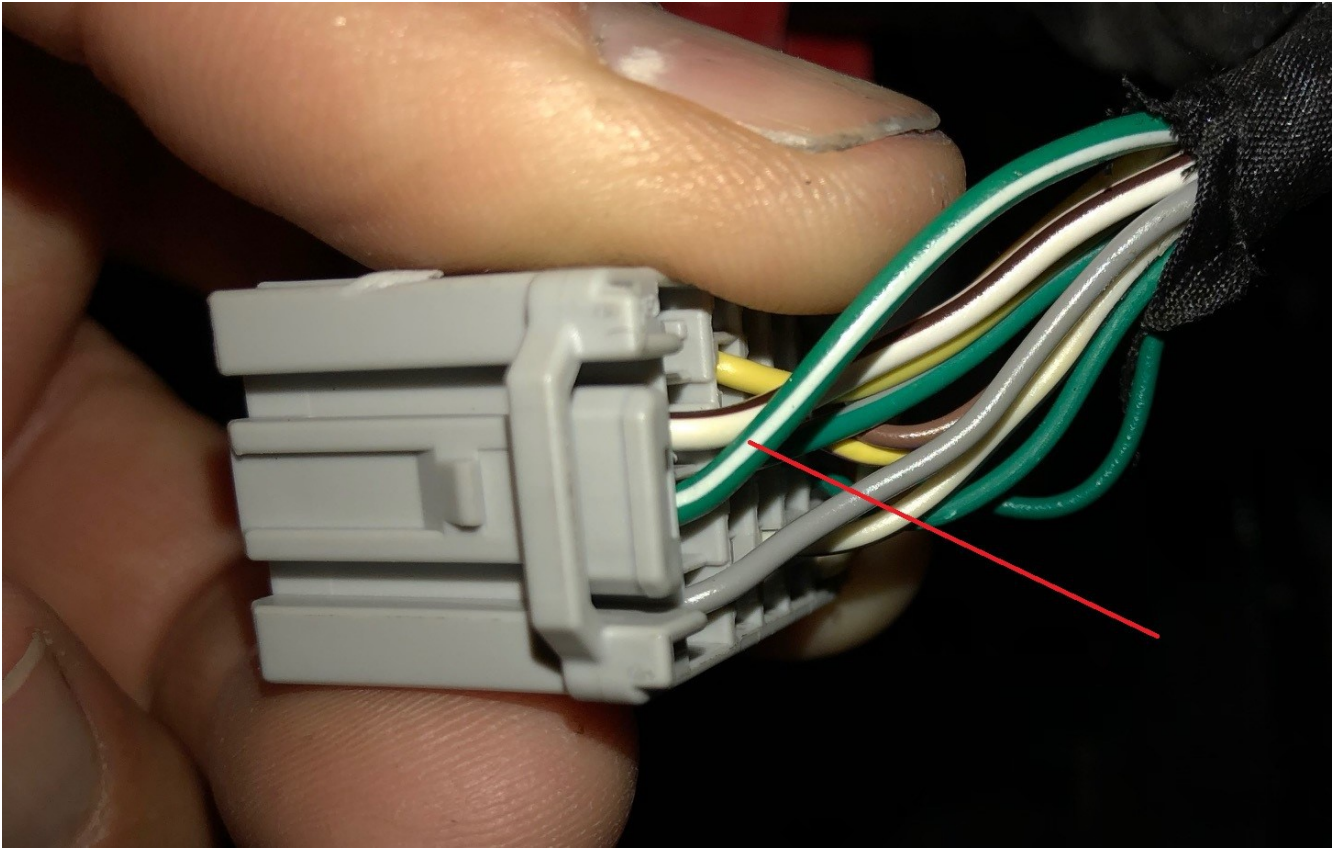
Step 8: Ground Connection. Connect the black wire to the body ground located behind the carpet on the passenger side, near where the RCA was pulled thru the door.



Step 9: Reverse input connection. The power lead on the RCA harness gets connected to the reverse signal at the BCM. The BCM is located under the driver's side of the dash board. You will first need to route the power wire (this is the red wire with the spade terminal on it) over to the drivers side area. You can sneak the wire against the inside firewall area where the carpet ends. Under the dash you will see the BCM, it is a black box that has 7 different color connectors going into it.

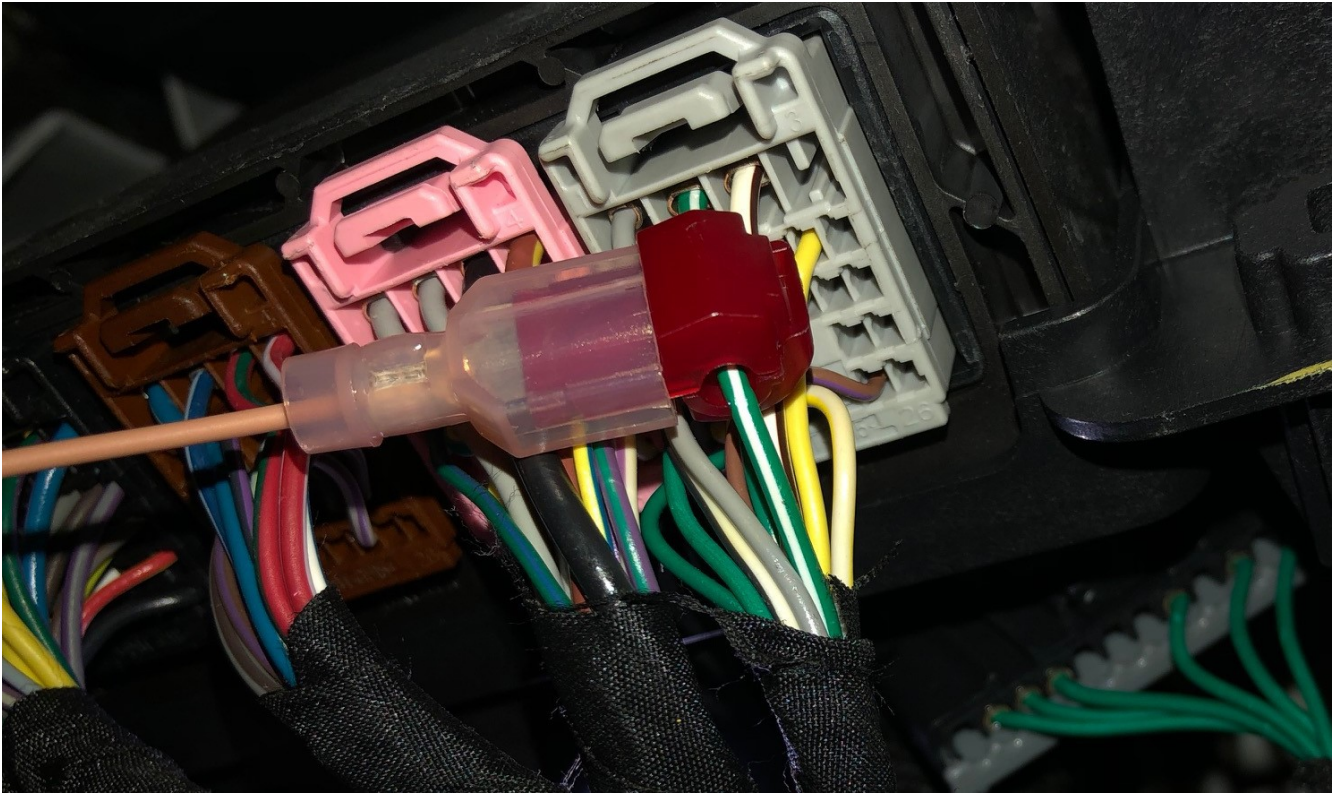


We will be working with the gray connector which is on the outside edge next to the pink connector. Unplug the gray connector and locate the green/white wire.



Install the supplied t-tap around this wire and slide the spade terminal into it. Please make sure that the center terminal of the spade goes into the t-tap. Once that is installed you can re-connect the gray connector to the BCM.





Step 10: At this point the wiring is done and it is time to test. Re-connect the battery and start the car. First check and verify that the reverse camera is still functioning properly when put into reverse. Second you will now see a new icon on the radio screen. Tap this icon and you will now have a front view. Once operation is verified you can aim the camera, if need be, and you can now secure all wires up and out of the way.



Thank you-Gen5DIY