

Touareg Rear Fog Light DIY

(Use following information at your own risk)

- To start this project I bought P/N 000-979-133 (VW wire set), some wire, and a P21W bulb:



- The first step is disassembling the passenger side rear trim panels to gain access to the comfort control module. Start by removing the rear upper trim panel, start at one end and use your fingers to work down the length of this piece releasing one clip at a time by pulling down:



- Remove the pillar cover next:



- Now the side panel trim can be removed. The clips seen on the window part of the trim can be reinstalled on the plastic piece prior to reassembly when project is complete:





- The Comfort Control Module is located next to the CD changer. I elected not to remove the module itself but to unplug the black connector from the back, it is the connector closest to the rear (looking at the module, the right rear plug). I removed the CD Changer and amplifier to gain some working room:



- Cut the VW wire in half, you will use one pin for the comfort control module plug and the other for the tail light plug. The first pin needs to be inserted into socket 10 on the comfort control plug, in the picture above this is the socket on the top row, second to the right. The purple release on the bottom of the plug must be pulled to the down position to allow the pin to be inserted. After the pin is securely locked into place the purple release can be pushed back up to lock the pins in place. Be sure to insert the pin the correct way, you can look at the front of the connector to see the correct orientation for the pins in the same area:



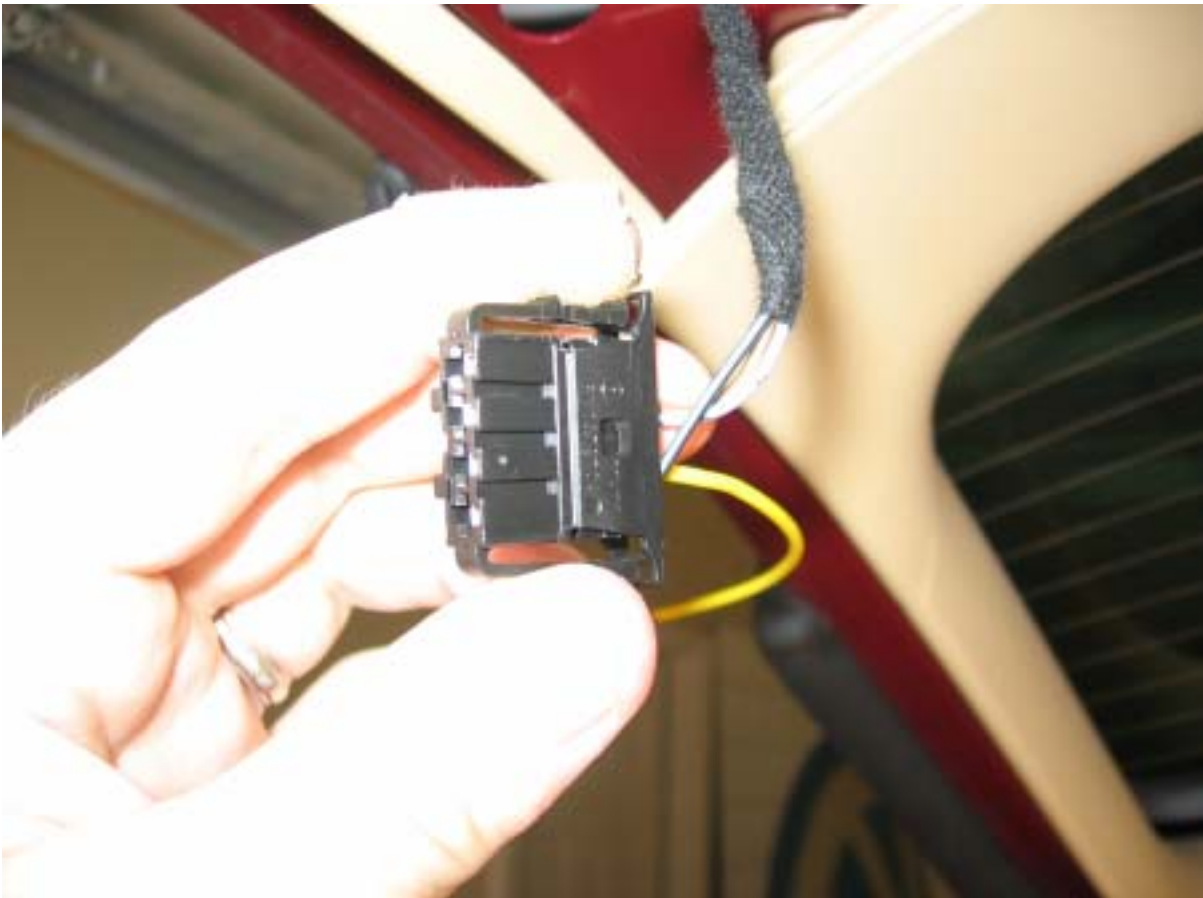
- The remaining pin will be inserted in the tail light plug. Begin by removing the trim panel for the driver's side tail light in the rear door and remove the plug and bulb holder:



- Pry the connector pin lock up with a screwdriver:



- Insert the pin into socket 2 on the connector (noting the orientation of the other pins) and snap the pin lock down:



- Now the wires need to be connected, I decided to use 14 gauge speaker wire. The driver side tailgate hinge cover can be unsnapped to reveal the wire loom:



- The headliner clips can be unsnapped on both sides to allow enough room to access one of the rubber grommets where we need to route the wire. Hard to see in this picture, looking up into the cavity on the left you will be able to see the grommets:



- Your method may vary for this, I have always had good luck using baling wire to both pierce the rubber grommet and to pull the wire through:



- Once I ran the baling wire through to the other side and fished it out the hinge hole, the speaker wire was taped tightly to the baling wire and pulled through. Be careful to route the wire over the looms in the hinge area to keep them off of the piston for the tailgate strut, you can see what I am talking about here by pulling the loom out of the way and using a flashlight to look into the hinge area. It will take a few minutes to get this done (remember, patience is a virtue):



- Once the wire is pulled through that grommet, it will have to be run through the tailgate grommet and to the tail light connector. There is a plastic cover on the hinge arm secured by two Torx screws, the screws are covered by 2 plastic pieces which can be removed by pushing down at the top and sliding down and off:



- With the hinge arm cover removed you will be able to access another grommet and use a similar method as before to run the wire through the grommet and down to the access panel where the tail light connector is located:



- Once the wire is pulled through it can be connected to the fog light wire installed in the connector earlier with a crimp connector or soldered. I capped off the extra wire I had in case I decide to wire the other side up for a rear fog light later:



- The P21W bulb can be installed in the bulb holder and snapped back into the tail light housing, don't forget to plug up the connector and snap the access cover back on. The hinge cover can also be re-installed:



- The wire can now be routed over the headliner and back down to the control module. When running down the pillar I elected to secure the wire to the sunroof drain tube with zip ties. The wire can now be connected to the control module wire installed earlier by using solder or crimp connectors:



- After the wire is connected at both ends, you may want to try the lights out prior to putting everything back together. Once you are sure all is working, reinstallation of trim is reverse of removal. I did not lose or break one clip but you may want to pick up some extras just in case ;-). Here it is all back together:



- Here is the finished result, one driver side rear fog light and one dash indicator that now functions:

