

Installation of Blackvue DW650 front and rear cameras in Porsche 2012 Cayenne.

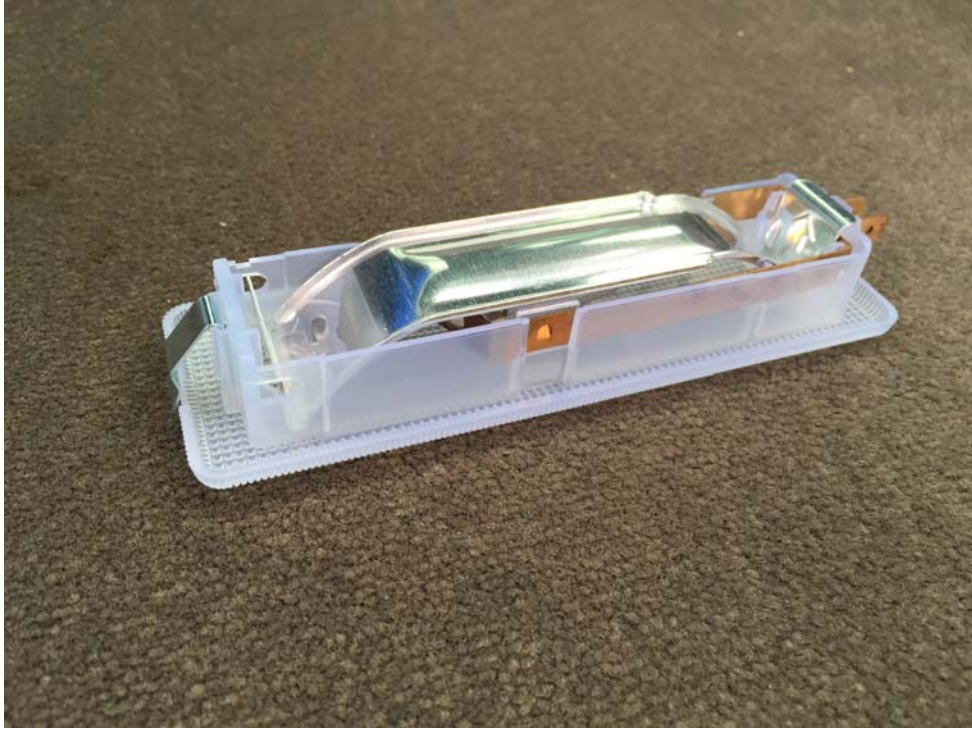
What you'll need to remove:



Passenger Fuse cover. Pull straight out around edges. Held by clips shown. Don't pull any edge out too far. Whole panel goes in/comes out parallel to the installed position.



Rear Lift Gate center trim. Held in by 3 clips plus held on to top edge by the numerous plastic holders. Pull out bottom clips then push up to remove.



Rear ceiling light. Note the metal clip on left side. Use screwdriver to come in from side center to depress clip and it drops down, then pull down and to the left and remove power connector.

You'll also need to remove the left side rubber cable conduit to the hatchback shown below. I suppose it's possible to run something thru it while it's in place but it's not hard to remove. There is a rubber tab that sticks out. That marks a little spring clip that you can push a screw driver in from the side similar to the light above and the hatch piece pops out and pops back in the same. The one in the body is just like a grommet so lube it up a bit and it will slide out and slide back later.

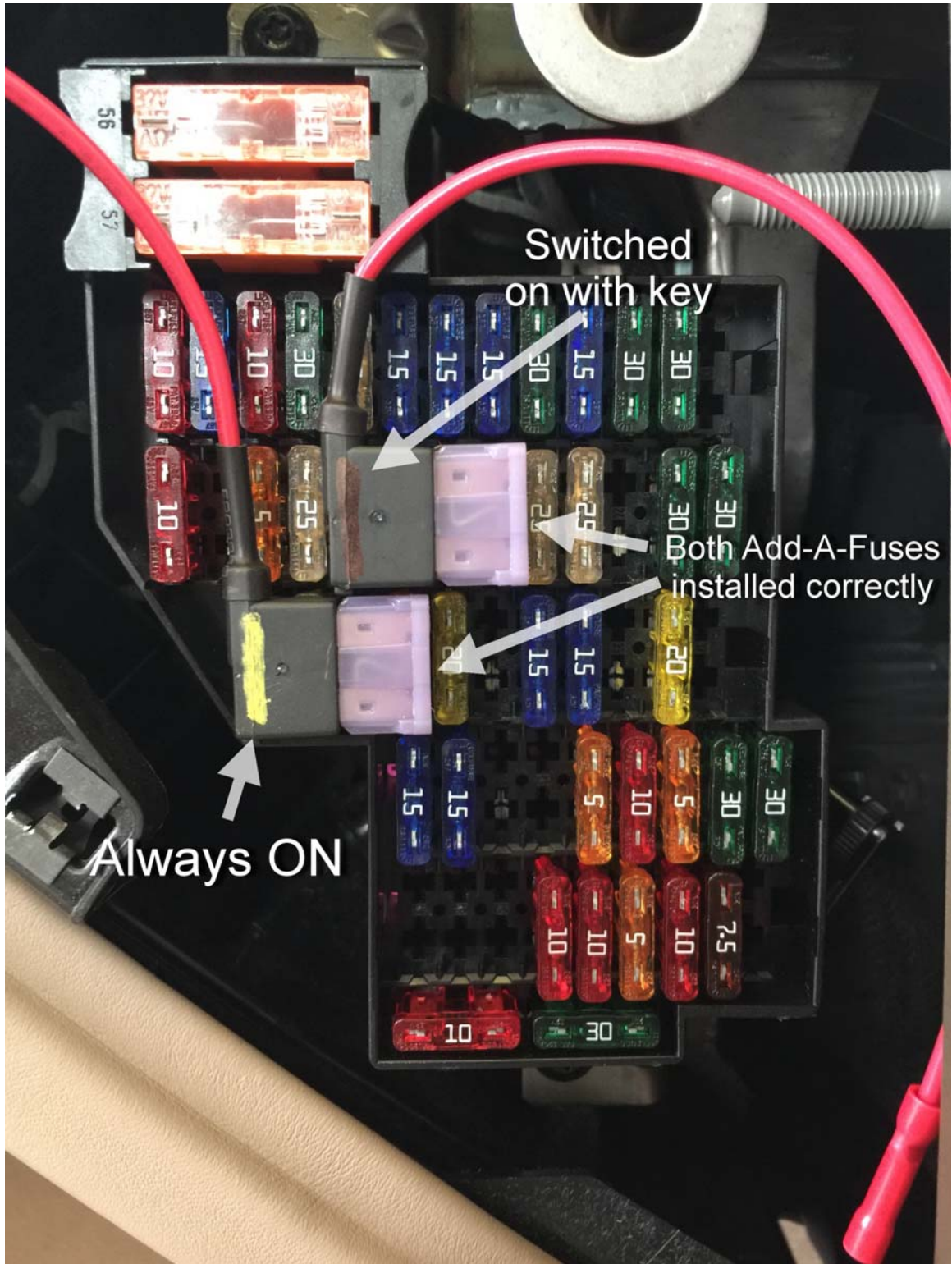


Next comes wiring. On passenger side, I used empty fuse position 27 for always ON and 18 for switched power. This corresponds with yellow (ON) and red (switched) on the PMP wiring. Ground wire is easily attached by one of the screws attached to the metal structure inside fuse box.

I did a layout of the fuses before I started for both sides and are provided at end of this DIY install.

I used add-a-fuse wiring that was provided by the company I bought the Blackvue from. Cayenne uses ATO fuses (larger size). Used the 3A fuses that also were provided.

Note: the Add-A-Fuse can only be installed one way because power is only coming from the lower position of each fuse. The picture below shows correct installation of add-a-fuses.



Passenger side fuse box. For ground there are a few 20mm torx screws that screw into frame. I used the one just seen below the bottom 30A fuse.



This picture shows a copper wire probe that found a hole that goes pretty much straight in and comes out inside the glove box (luckily!). The 5 wire lead to the PMP can go thru that place and then conveniently mount the PMP inside the glove box.



Here you see the PMP wire coming down into the glove box. Most of it gets pulled back into the fuse box after the PMP is mounted in the glove box.

Routing of cables:









The zig zag done to use up excess wire routed under existing wires to hold it then up the little slot on the left and inbetween the white metal and the glass which is all hidden by the trim.

Below is the PMP mounted in the glove box. I used Velcro instead of the double stick tape provided by Blackvue so I can remove easily without damaging the lining of the glove box. Very concealed yet easy to access. Totally hidden with glove box is closed.



Again PMP inside glove box and hidden when glove box is closed.



Finished Rear Camera installation (below)

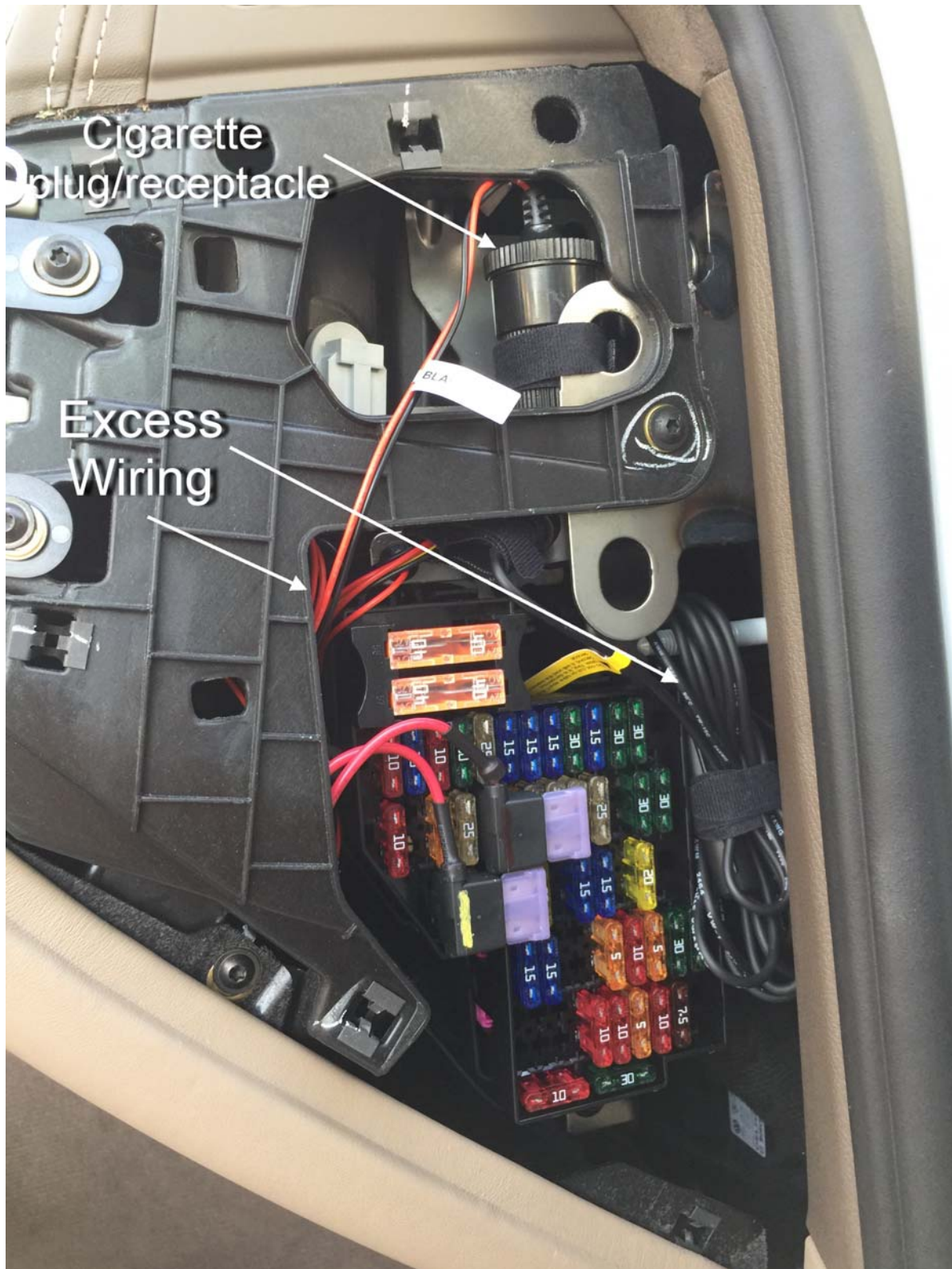




Rear camera shown above.

Finished Front Camera installation (below)





This is what fuse box looks like with all the stuff that came with the unit installed including cigarette plug and receptacle, excess wiring. It fits but it is unnecessary and blocks airflow to the vent.

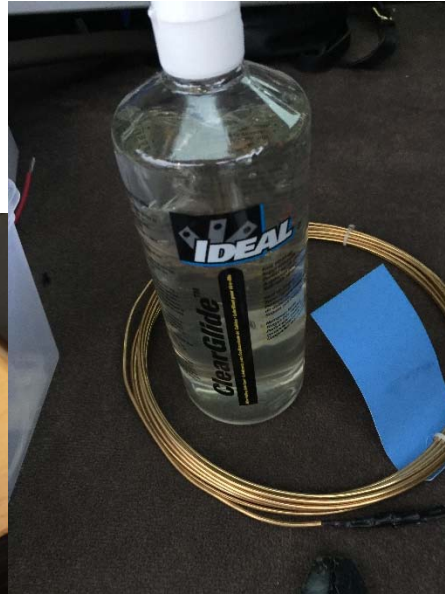


So after few days, convinced the unit works fine, I went back in and removed all the extra bulky stuff.



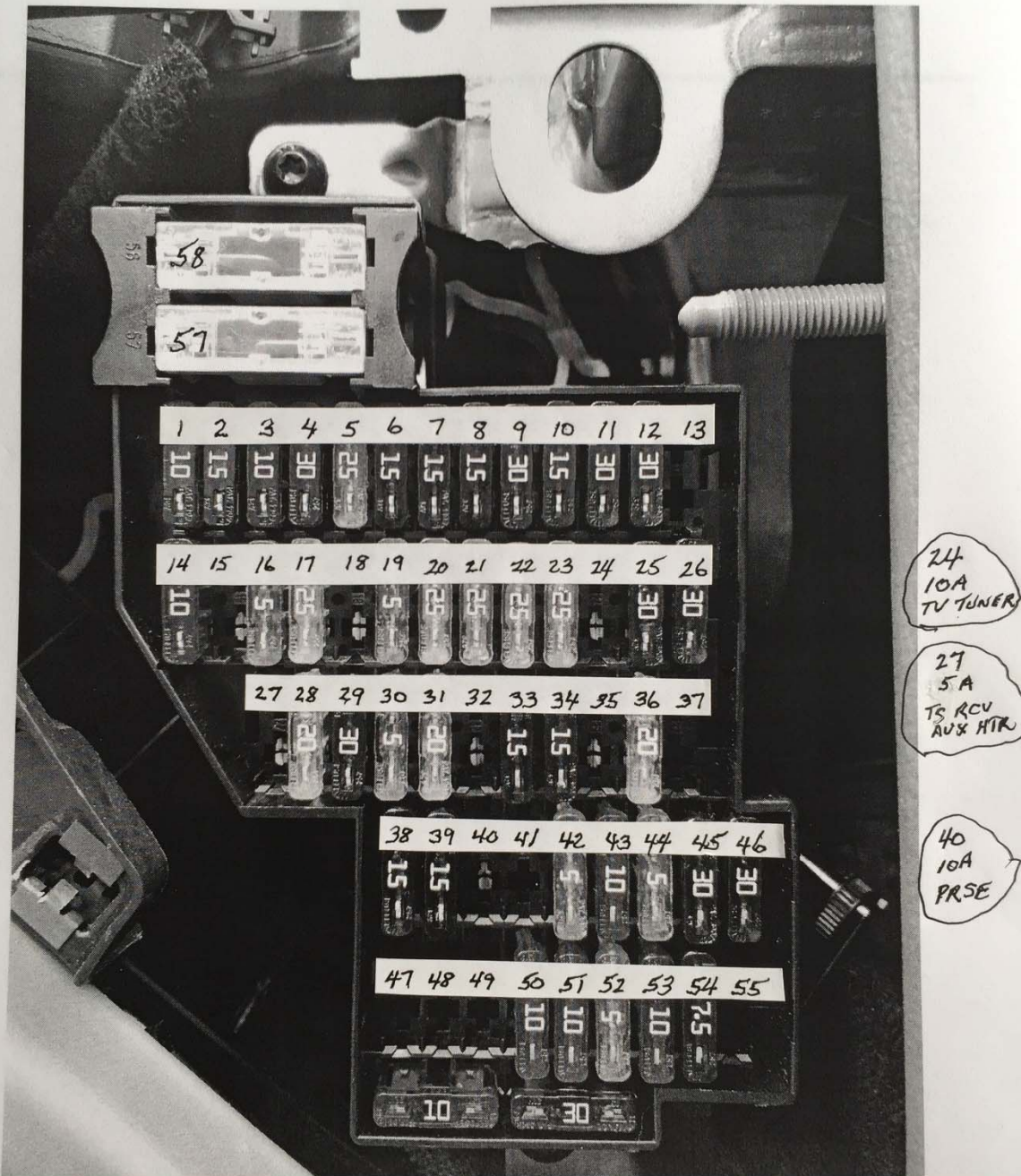
Now the install is clean with minimum airflow blockage to the vent.

Tools: Wire Lube and hand made pusher approx. 1/16" thick to avoid cutting into wire insulation.



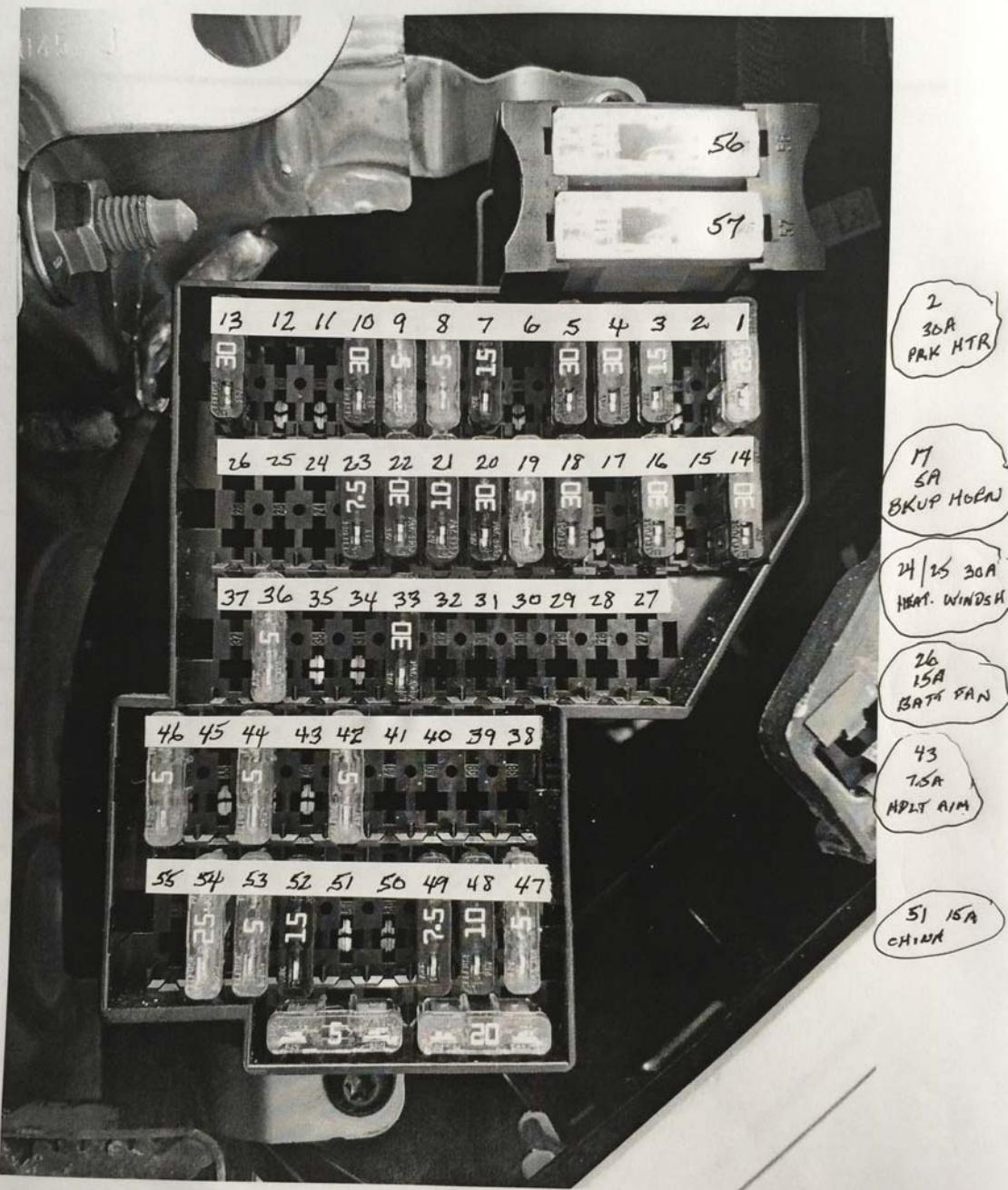
REFERENCE FUSES

PASSENGER



Always on: 24, 27, 32, 35, 40
Switched on: 15, 18,

DRIVER



Always on: 2, 6, 11, 12, 15, 17, 34, 35
Switched on: 43, 45, 50, 51