



Part Number
ES7714
for VW B6 Passat
and Passat CC
Fog Light
Installation

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Proper service and repair procedures are vital to the safe, reliable operation of all engine vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

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B6 Passat/CC fog light harness



Installation overview

- (1) Remove existing grilles and install fog lights
- (2) Connect ECS fog light harness to headlamp switch
- (3) Connect ECS fog light harness relay to power and ground
- (4) Connect ECS fog light harness to fog lights
- (5) Reassemble vehicle

Step 1

Though not necessary, if you wish to raise the car to work on it, please use jack stands and wheel chocks.

Using a T15 Torx bit, remove the retaining screws on the lower right and left bumper grilles.

Note Our test car is already equipped with foglights. However, all fastener locations remain the same across the model lines.



Pry the grilles from the bumper opening. They are held in with plastic clips. Tug from the centerline of the vehicle and out to release the clips. Repeat on the other side.



Step 1 continued

Clean up the area where the fog light will mount.



Install the fog light using two T25 Torx fasteners. Repeat on the other side.



T25 Torx

Step 2

The ECS fog light harness has seven connections:

Blue wire that connects to headlamp switch.

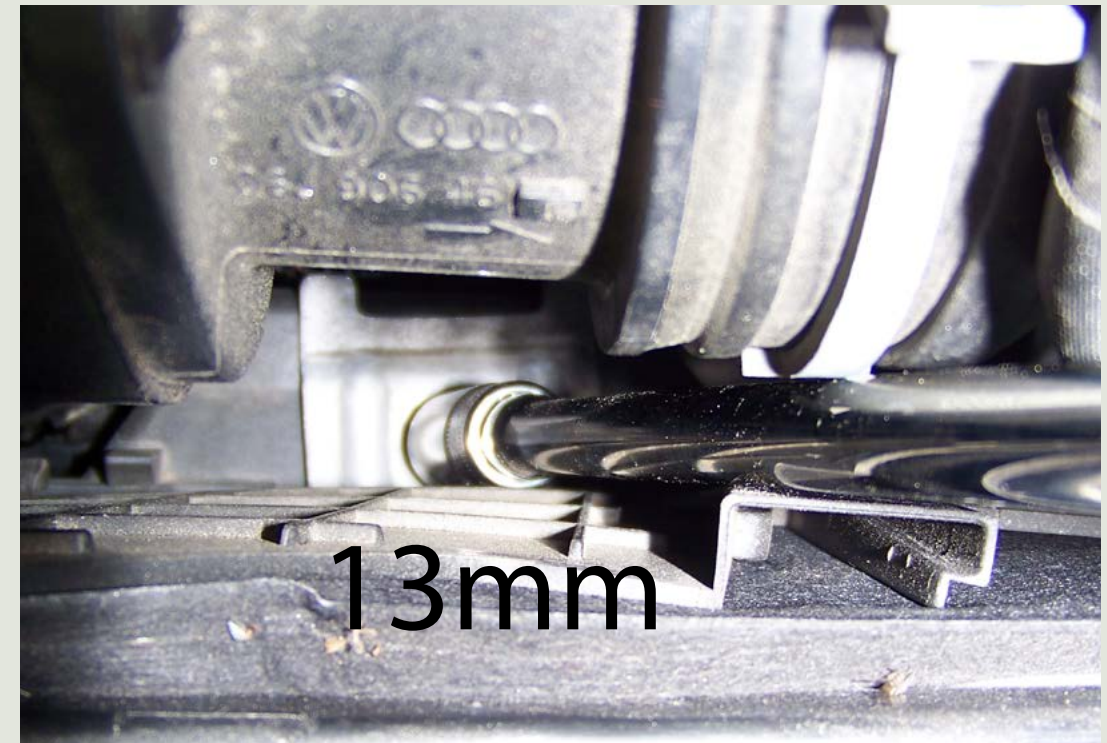
Two **yellow wires** (with connector) and two **brown wires** (ground), one for each fog light.

Red wire (fused) that connects to the fuse block.

Brown wire that connects to ground for the relay.

Begin by removing the battery cables (negative first) with a 10mm socket. Use a 13mm socket and extension to remove the battery retaining bracket on the bottom left side of the battery box. Then remove the battery.

Remove the back half of the plastic battery box. It is held in place with three clips that will come loose with a few tugs.

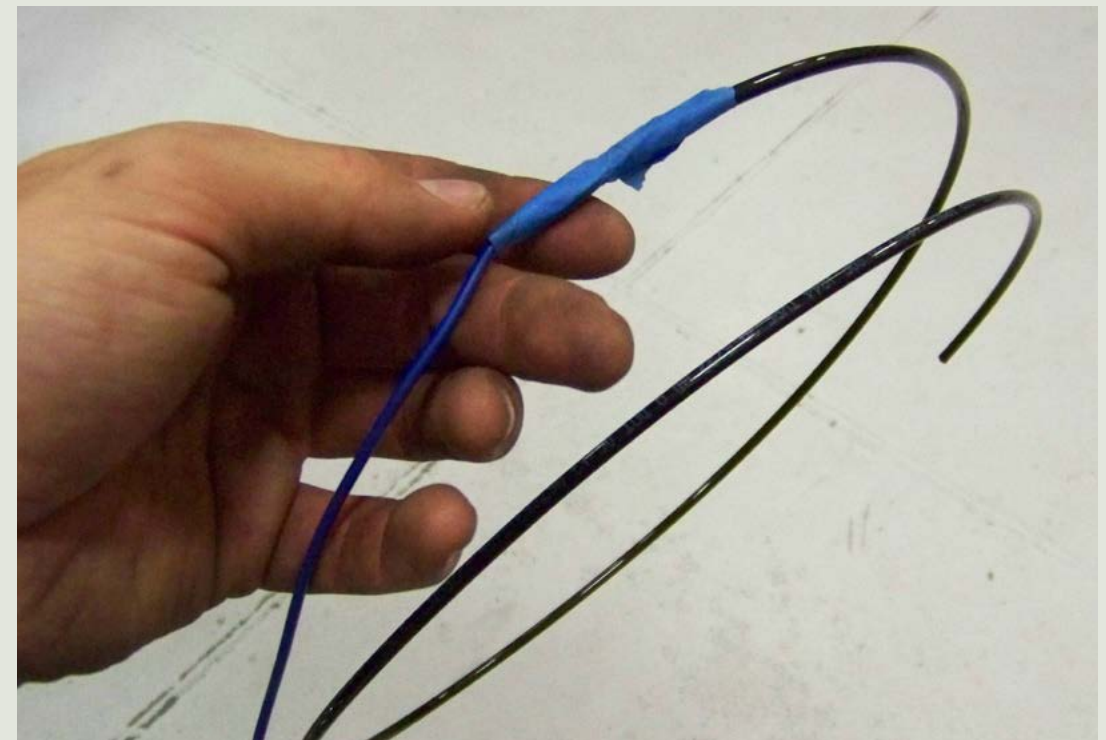


Step 2 continued

Now that the battery is out of the way, you should see the firewall and rubber grommets. Using a pick or a similarly sharp object, poke a small hole in the right grommet.



To get the blue trigger wire through the grommet and into the cabin, use a semi-rigid 'fish', like a vacuum line or a bent coat hanger. Tape the trigger wire to the end of the fish, and then push it through the hole you just created in the grommet, but not all the way through.



Step 2 continued

Get inside the car and remove the under-dash trim panel. There are three T15 Torx fasteners holding it in place.

Note It is not necessary to remove the knee panel, just the panel above the pedals.

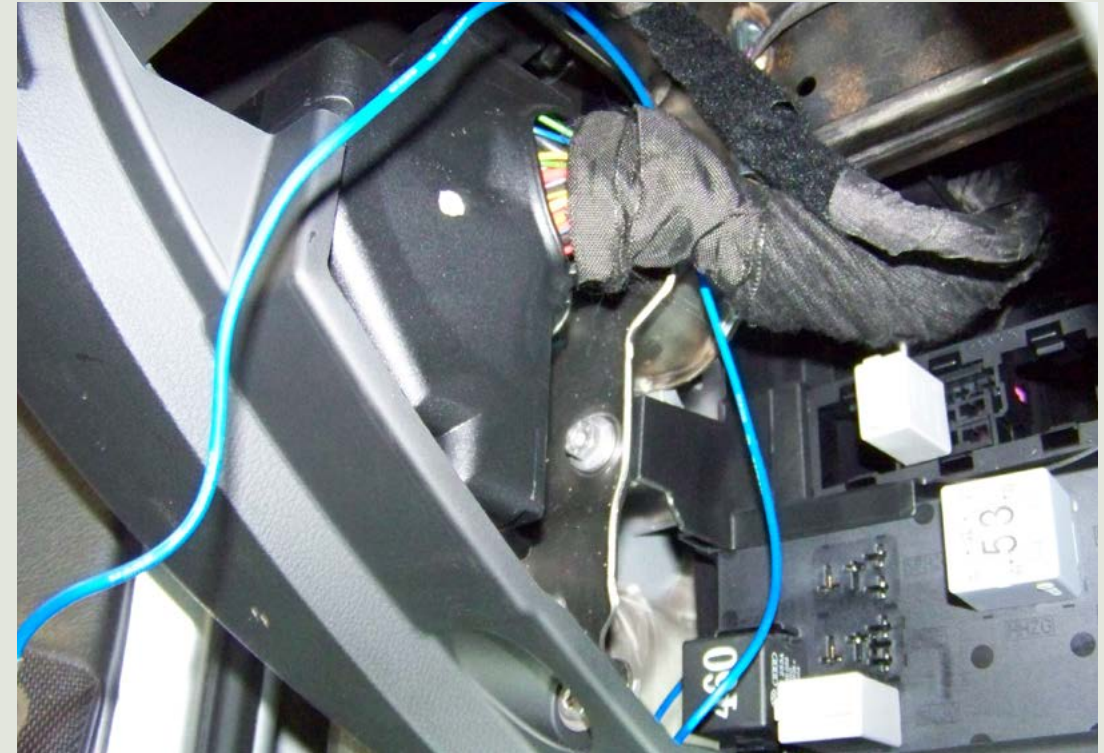


To make routing the trigger wire to the headlight switch easier, remove the drop-down storage tray. Open the tray half way, and depress the two pictured retaining tangs. The tray will then swing down all the way, allowing you to remove it from the hinge.



Step 2 continued

Find the wire that you had pushed through the grommet, and pull it through all the way. Route the trigger wire up behind the dashboard and relay block, towards the headlight switch.



Now remove the headlight switch. Press the selector in and rotate it halfway between O and Auto to disengage the clips that hold it in place. Then pull the switch directly out.



Step 2 continued

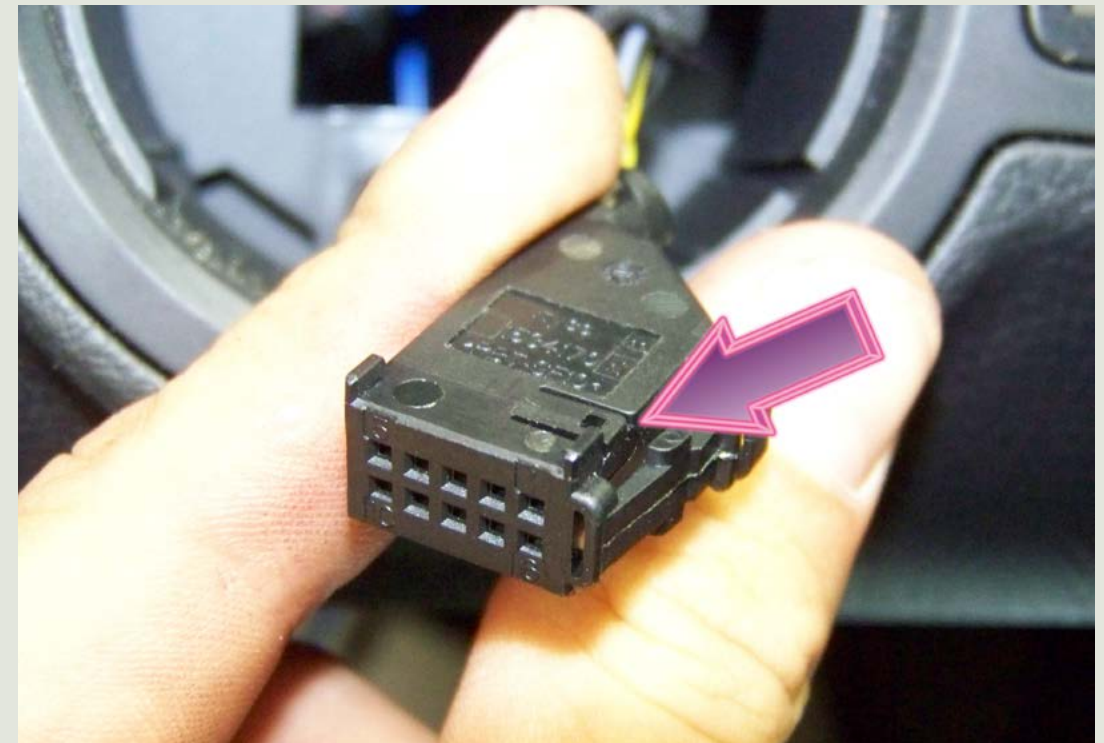
Disconnect the headlight switch connector. You will need to pry up the clip (pointed out in the photo) with a pick to release the connector from its cover. Remove the connector cover.

NOTE: You must have a Euroswitch or US foglight-capable switch in order to activate the fog lights.

Insert the small pin on the trigger wire into slot 5 (it is stamped on the connector). Replace the connector cover, zip tie the wires together, and reinstall the headlight switch.

Make sure the wiring is secured and reinstall the under-dash panel.

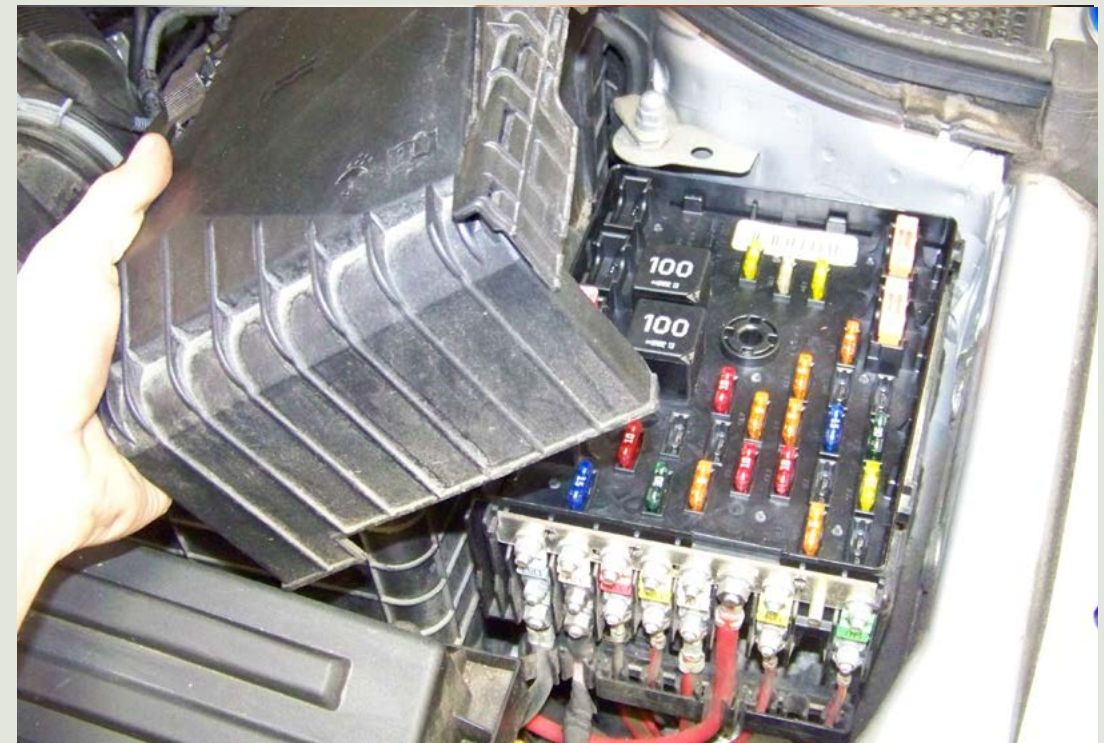
Note The extra wire exists because our test car already had fog lights as an option. Your non-fog light car will not have this wire.



Step 3

Reinstall the battery, using the reverse of the removal procedure. Attach the positive cable, but do not attach the negative cable until all wiring work is done.

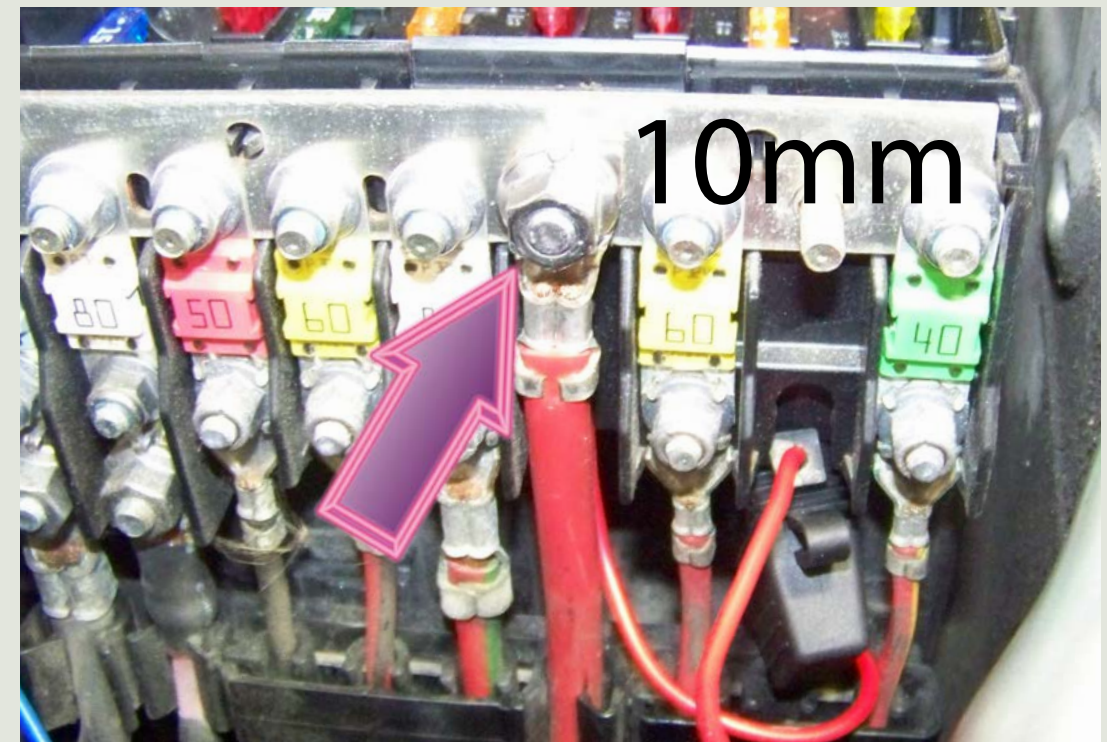
Now remove the fuse box cover.



Using a 10mm socket, remove the nut on the fuse block stud that is fourth from the right.

Place the eyelet of the red harness wire on this stud, and reinstall the power wire and nut.

Tuck the inline fuse into place so the fuse box cover can be reinstalled.



Step 3 continued

Now connect the brown harness wire to the ground stud in front of the fuse box. You may want to clean this area prior to installing the wire.

Use a 10mm socket and extension to remove the nut. Pry the plastic retaining clip and the two ground wires off of the stud (doing this will make it easier to place the ground wire in the next step).

Place the brown harness wire into the plastic retaining clip as shown. Do the same with the ground wires on the car.

Reinstall the retaining clip, all three ground wires, and the 10mm nut onto the stud.

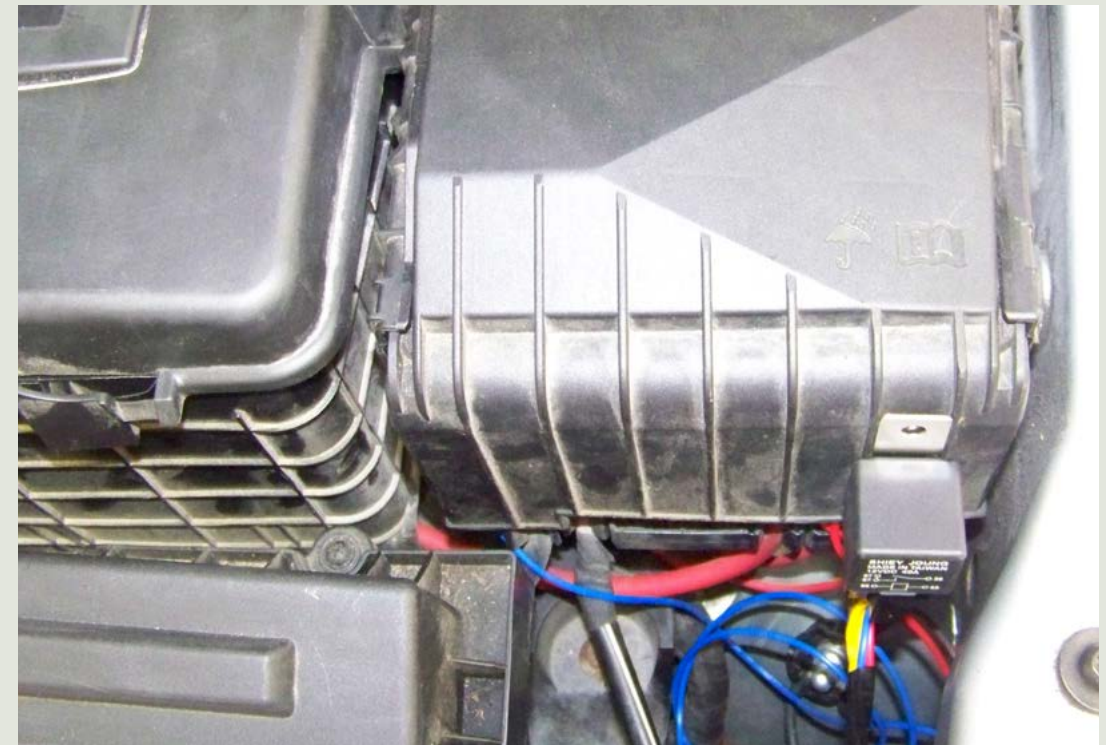


Step 3 continued

Now wrap the excess blue, red, and brown wire and secure it using zip ties.

Due to personal preference, warranty concerns, and other modifications, we do not specify a mounting location for the relay. It should be in an upright position in a dry area away from moving parts.

For instructional purposes, we chose the fuse box cover as the easiest location.



Step 4

Route the yellow wires with connectors to each fog light. One wire is longer than the other, and will go to the right fog light.

There are voids in the engine bay behind the head lights where you can direct the wires down to the fog lights.

Secure with zip ties as you see fit.

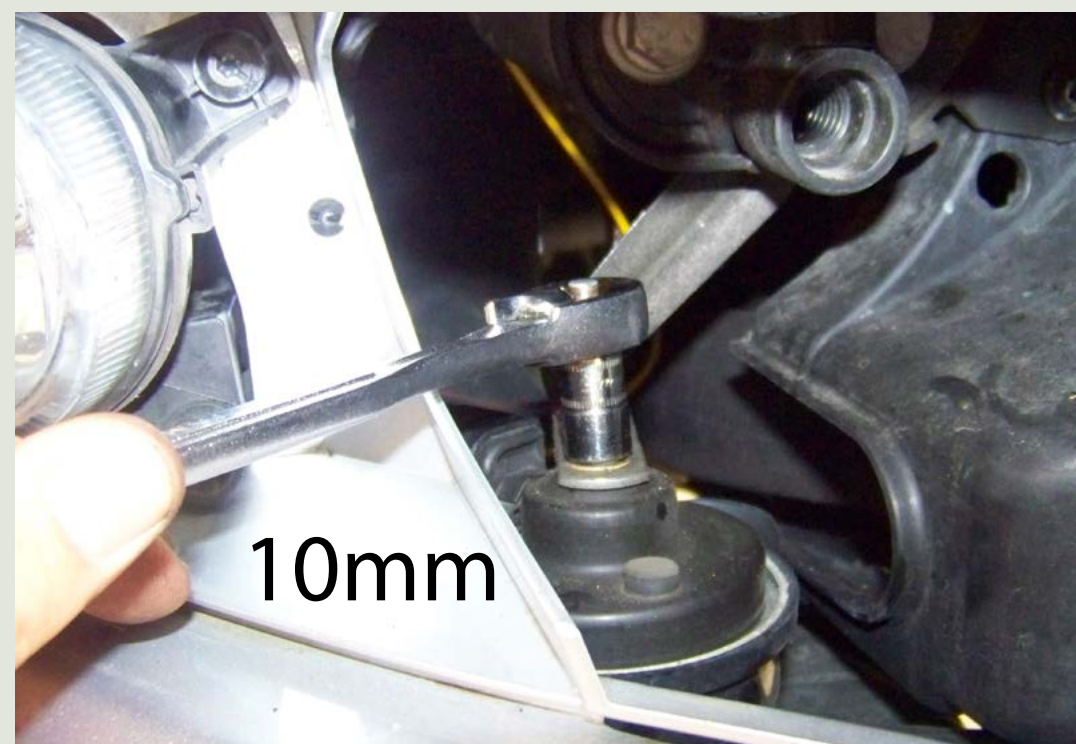
Step 4 continued

Plug the connectors into the fog lights. It is possible to do this with the fog lights installed in the car, the photo on the right is merely for illustrative purposes.



Locate the horns, which are to the side of either fog light. Use a 10mm socket to remove the nut holding them on their brackets. Make sure to hold the horn or it will fall.

Place the brown ground wire from the fog light connector on the stud on the horn. Tighten down the 10mm nut. Repeat on the other side.



Step 5

Install the fog light grilles using the reverse of the process we used to remove the old ones.

Tidy up any excess wiring. You want it to be secure to prevent rubbing against any surface, and to keep it from contacting moving components.

Reconnect the negative battery cable and reinstall the battery cover.

Double check your installation and test the fog lights. With the key on and engine off, put the headlight switch into the foglight on position. If all was done properly, you'll have light!



This completes the installation of the ECS B6 Passat/CC fog light harness.

We hope this installation guide has been helpful and informative.

Thanks for reading!

