



Installation Procedures

Volkswagen Jetta MKVI: Rear Fog Light Installation

This tutorial is provided as a courtesy by ECS Tuning.

Proper service and repair procedures are vital to the safe, reliable operation of all motor 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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Volkswagen Jetta MKVI: Rear Fog Light Installation

Safety first:

When working with your vehicles electrical system; always disconnect the battery! Avoid shorting any circuits, or probing around wires. Failure to follow these safety precautions, and all others, could result in irreversible damage to your vehicles electrical system, failure to start, fire, and/or personal injury. Before you undertake this installation, it is important that you read the following instructions! Listed below are the necessary tools and skills required to complete the job. If the installation of this product seems overwhelming, please contact a qualified installer in your area. Be aware that disconnecting your battery may require you to input your radio anti-theft code, so make sure you have it handy.

Estimated Installation Time: 1hr

Tools Required:

- Trim tools (ES#517779)
- T20 Torx Driver
- Metal Hanger
- Flathead Screwdriver

Parts Required:

- ECS wiring harness
- Left inner tail light (with fog)
- Right inner tail light (with fog)

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Step 1

The first step to installing the rear fog light kit is removing the headlight switch.

To remove it, Push in on the button, and twist the switch about 15 degrees clockwise.

At this point the headlight switch will pull out easily. **Be cautious pulling the switch out, as you do not want to damage the harness that connects to it.**



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Step 2

The next step is running the wire from the switch to the trunk. The first part in doing this is getting a metal hanger, and inserting it under the plastic, to the left of the dead pedal.



This will allow you to run the wire through the plastic without the hassle of removing the dead pedal.



Now, wrap the wire around the hanger and pull downward. The end of the wire you want to pull down is the end that splits out. The end with a single connector should be pointing towards the front, so it can be connected to the switch.



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Step 3

The next step is running the wire up to the switch. Take off the fuse panel cover, by prying from the bottom up.



Next, you can route the wire through the left side of the fuse box.



Continue routing the wire up through the headlight switch hole.



After routing by the fuse box you can put the cover back on.



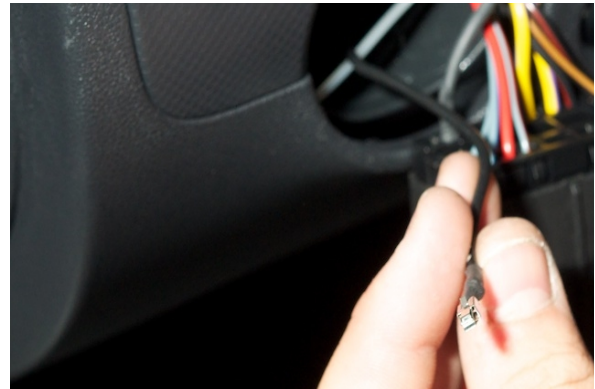
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Step 4

Now we can connect the wire to the switch.



Once the switch is out, you will notice numbers on the sides of the harness plug. The pin you want to connect the wire to is pin #9.



Now the pin is connected, we can put the switch back in.



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You can then reinstall the headlight switch. Connect it to the harness and gently push it in. Make sure the Button is returned to the off position, by turning it counter clockwise about 15 degrees.

To make sure the wire does not have any play room, use a zip tie to secure the wire to the OEM wiring harness.

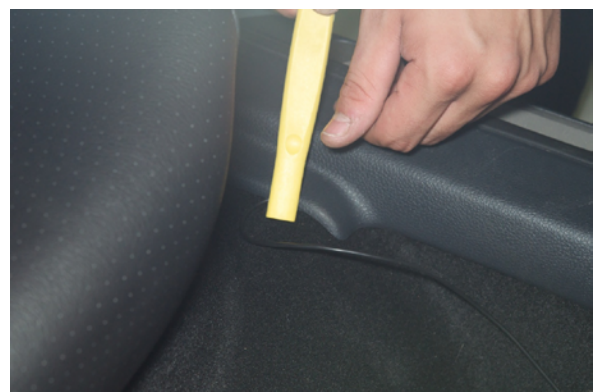
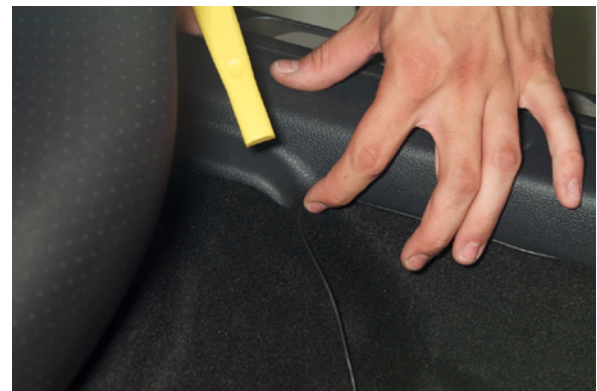
Now the switch will snap back in when inserted in the upright position.



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Step 5

This step involves routing the wire throughout the car, and into the the trunk. To start off, the wire has to be routed underneath the plastic door trim. To make sure it tucks away neatly, use trim tools to tuck the wire underneath.



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To continue routing the wire we must pry the rear seat up. Do this by pulling on the front corner of the seat, and you will feel the latch release.



Make sure the latch towards the rear of the seat releases as well.



Now continue to use your trim tool to route the wire as shown.



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Once you have gotten this far, it's time to release the seat, and flip it down to allow you to tuck the wire towards the trunk.



To release the seat, go to the trunk and pull on the switch shown to the right. It will be easily visible once you pop the trunk, and is located on the driver side.



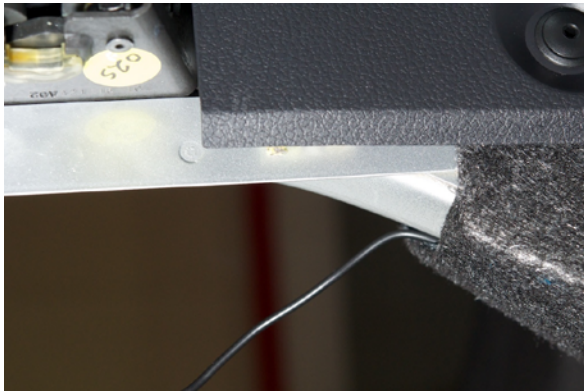
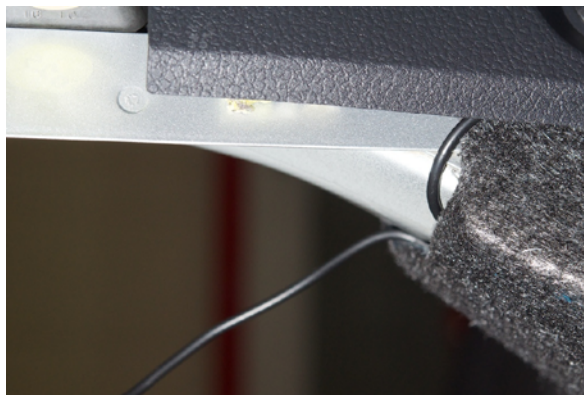
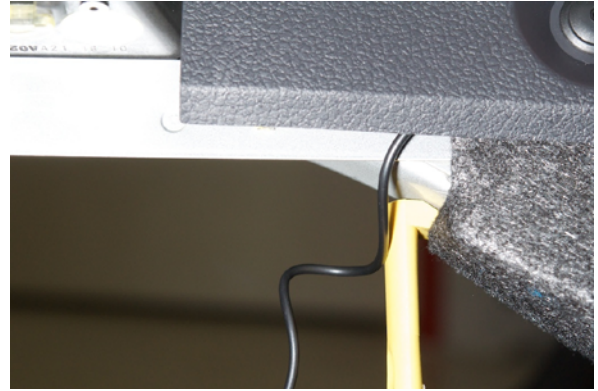
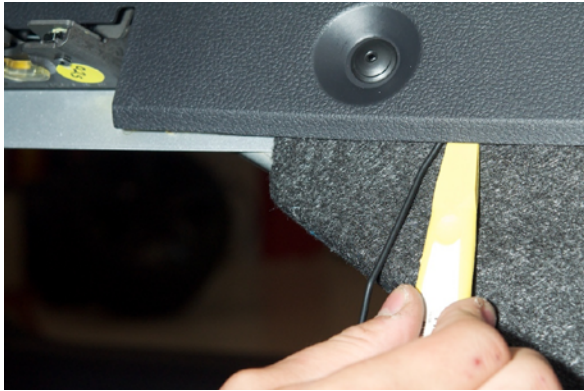
With the seat released, you can continue routing the wire.



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After routing the wire to the trunk, make sure it's neatly tucked away, and start to route it towards the Harness running up to the trunk. You want to secure it with a zip tie before the clip that holds the protector casing.



Before continuing, you have to remove the trunk lid liner. To do this, use a T20 Torx driver to remove the two screws holding the liner up. The screws are located on the inside of the handle on the trunk lid liner. Next, run along the liner with a trim tool, and unclip the clips that hold the liner.



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Before doing any work to the tail lights, unhook the clips that hold the harness in. Press on either side and the connector will come right off.



Next, take a trim tool and unhook the clips that run up the arm of the trunk lid. Remove the clips.



You want to remove the OEM tape because feeding the wire through will not work. For a clean install, take the OEM tape off and remove the clips.



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After removing the clips, You can prop open the protective casing around the harness, and thread the wire through.



The finished product should look threaded like the picture on the right. After threading the wire through, you can reuse the OEM tape and re tape the clips. After repeating this for all of the clips, reinstall the clips in the trunk arm.



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Before going any further, remove your OEM tail lights. To do this, use a flat head screwdriver to remove the two securing nuts for each of the tail lights.



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Next, you want to pop out the rubber grommet leading into the trunk.

After gently popping it out, use a pick to make a small incision next to the harness.

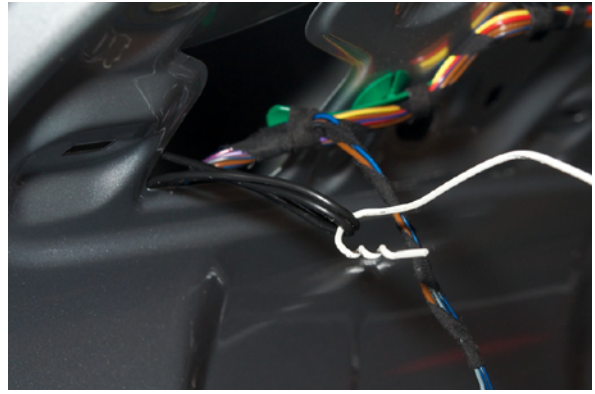
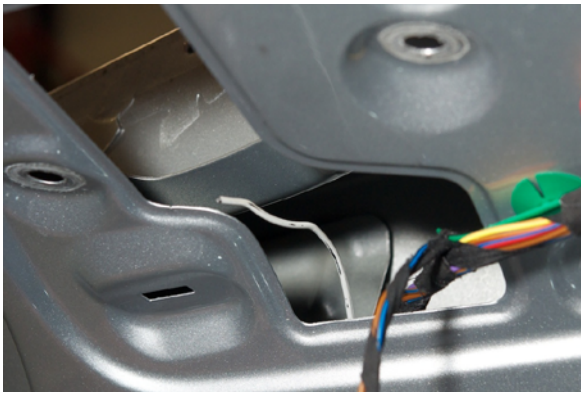


After making the incision, pull the two wires from the harness through so it sits inside of the trunk lid.



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Next, use the hanger to pull the wires up through the hole, and out the hole where the wiring harness exits.



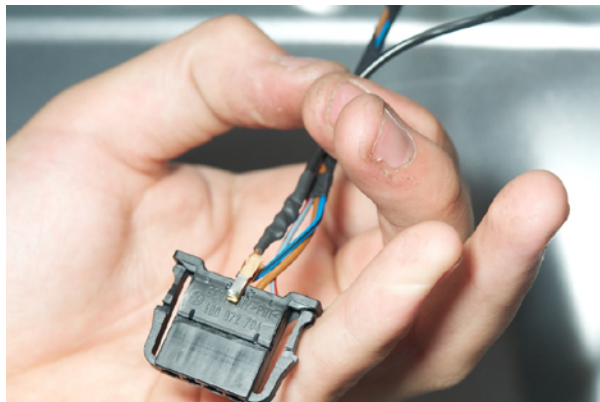
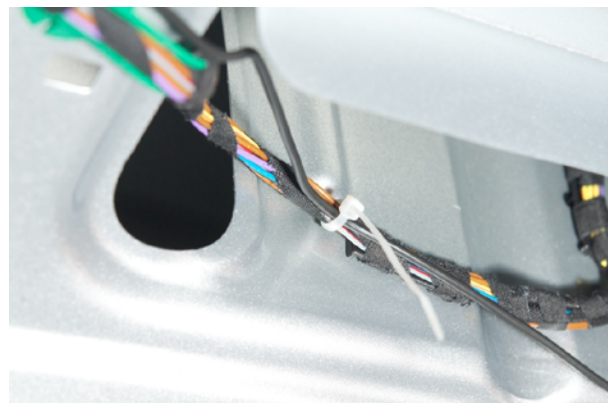
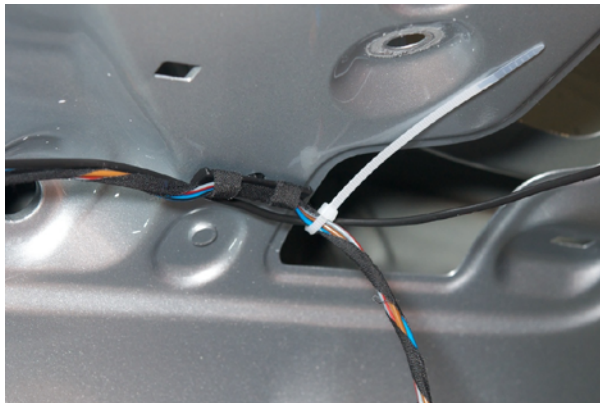
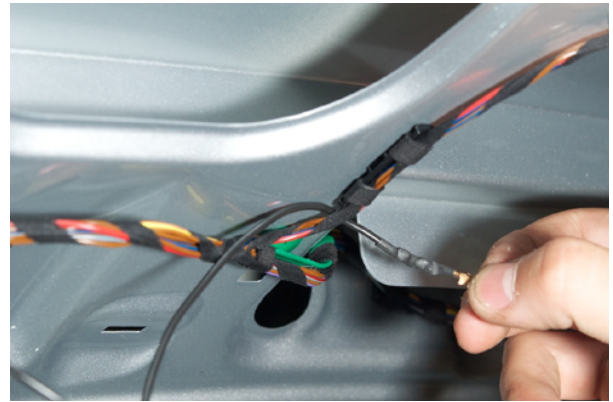
Secure the the wires with a zip tie to the existing harness. Then, reinstall the rubber grommet.



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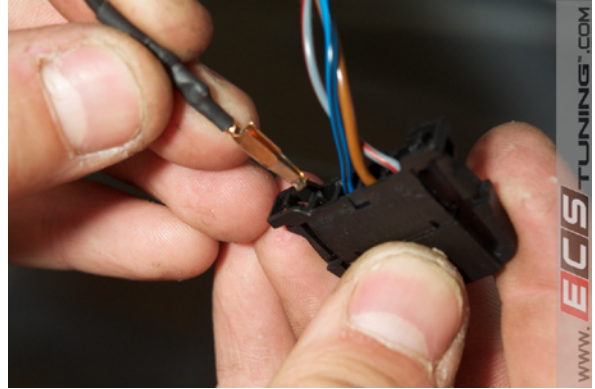


Now, run the wire along side the harness and zip tie the wire to the harness along the way. After doing this we will clip the two connectors into the harness connector.

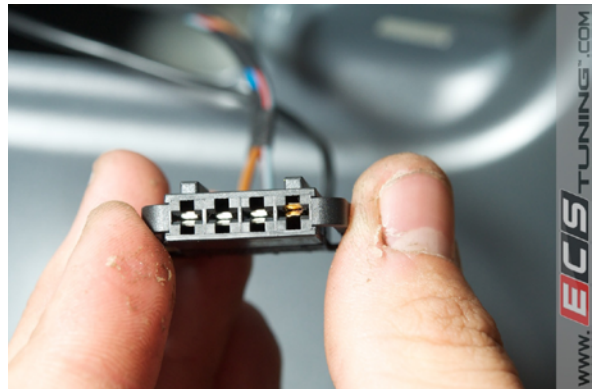
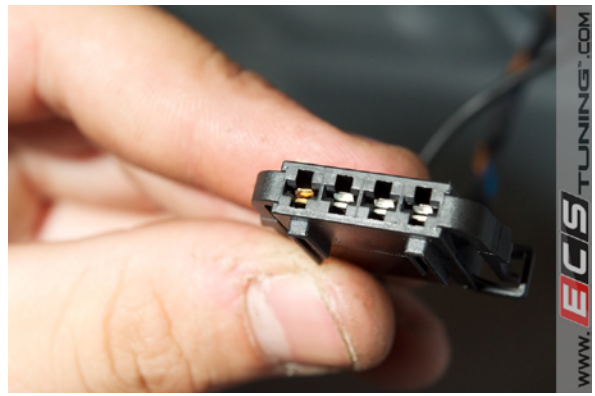


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Now insert the terminal into the housing until it clicks in.

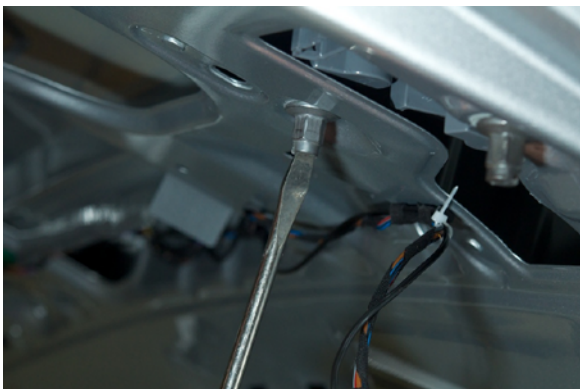


The housing will look like the picture on the right.



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After getting the wiring harness ready, it's time to install the new tail lights. Start by positioning the side of the tail light facing towards the outside, and gently laying the inside part down. Then, use a screwdriver to reinstall the two nuts, securing it in place.



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After getting the tail lights tightened down, reinstall the harness connectors into them.



Now you have to reinstall the trunk lid liner. Ensure all of the metal clips are lined up with the holes, and gently go around the perimeter of the liner and snap it in.



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With the trunk liner installed, you can then snap in the access covers over the tail light harnesses.



You can now use the rear fogs. You can engage the fogs with the city lights and the headlights by pulling the switch out two clicks while in the on position.

