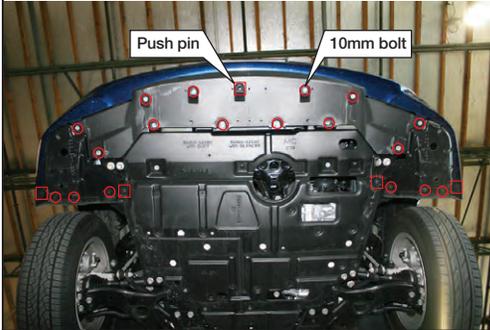


TOYOTA PRIUS 2010 FOG LAMP KIT

Items required for installation:

- 1/4" ratchet
- 1/4" X 6" extension
- 1/4" 10mm shallow socket
- Philips screw driver
- Small screw driver
- Straight O-ring pick
- Coat hanger or welding rod
- Electrical tape
- Needle nose pliers
- Wire cutters
- Cup of soapy water



STEP 1.0 Remove plastic shielding under front of vehicle

- Remove 18 10mm bolts and 5 plastic push pins.



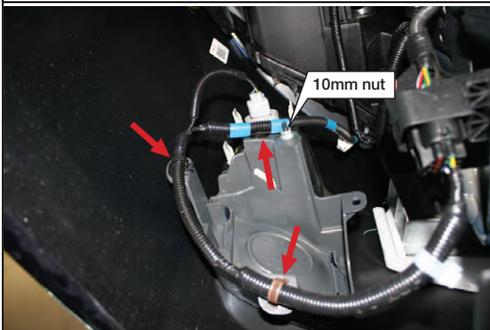
STEP 1.1

- With small screw driver remove plastic push pins.



STEP 1.2

- Cover is riveted to wheel well cover so it can not be removed. Just pull it back to give you the necessary room you need.



STEP 2.0 Removing fog lamp cover from driver side

- Disconnect wire harness and 10mm nut.



STEP 2.1

- Push tabs away from the center of the fog lamp cover.



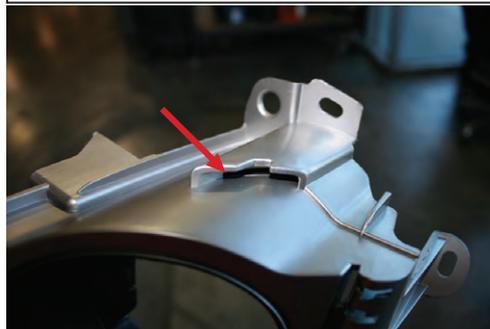
STEP 2.2

- Push cover in toward vehicle.



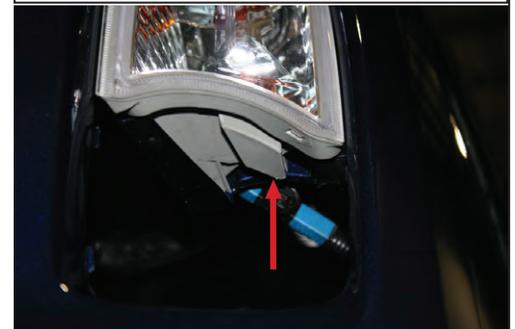
STEP 2.3

- Cover removed.
(Repeat step 2 for passenger side)



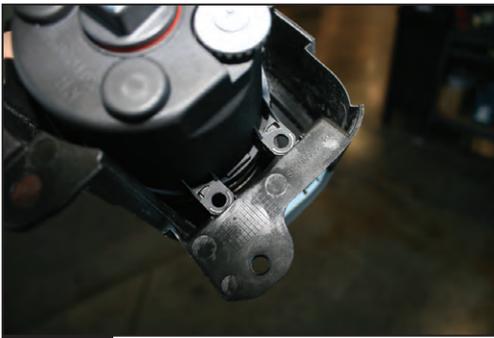
STEP 3.0 Installation of driver side fog lamp

- Locate pocket on top of fog lamp bezel.



STEP 3.1

- Locate tab under turn signal.



STEP 3.2

- Attach fog lamp to bezel.



STEP 3.3

- Fog lamp and bezel assembly.



STEP 3.4

- Place fog lamp and bezel assembly onto vehicle. Fasten fog lamp to vehicle with 10mm nut and supplied screw. (Repeat step 3 for passenger side)



STEP 4.0 Removal of interior trim on driver side



STEP 4.1

- Pull up on lower door trim.



STEP 4.2

- Foot panel-Remove 16mm plastic nut.



STEP 4.3

- Pull foot panel inward toward center console.



STEP 4.4

- Remove screw.



STEP 4.5

- Disconnect hood release cable from latch by pulling down on the black cable freeing it from its location. Then moving the cable to the left away from the mounting bracket.



STEP 4.6

- Remove cable from latch.



STEP 4.7

- Pull lower left interior panel away from dash and unplug connectors. **CAUTION! You may damage wiring and connectors if you pull too hard.**



Driver side interior removed.



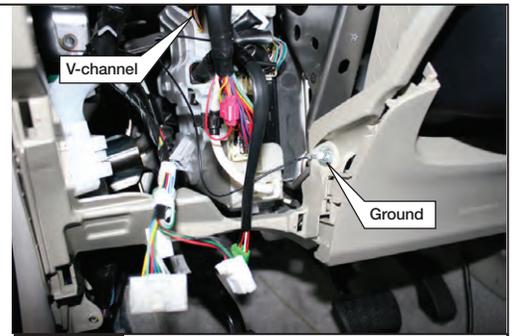
STEP 4.8

- Remove two screws and push back on tab to free lower panel.



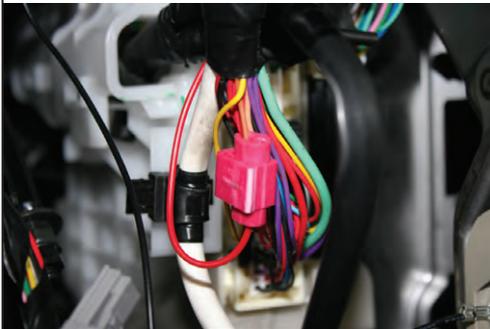
STEP 4.9

- Unplug connector and wire harness from panel and remove panel by pulling it toward the driver seat.



STEP 5.0 Fog lamp switching wiring

- Run WHITE wire through V-channel and pull female bullet connector end towards fire wall.
- Connect ground wire to dashboard frame.



STEP 5.1

- Remove tape from lower connector on ECU and locate BROWN wire. Use the bridge connector to connect RED wire to BROWN wire. You may need to cut RED wire to proper length.



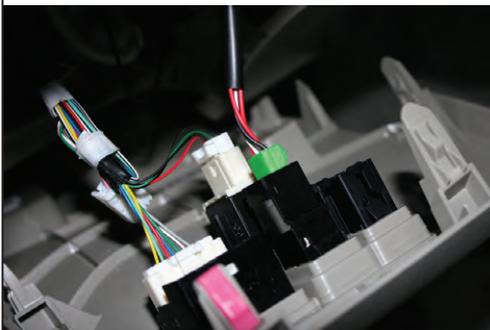
STEP 5.2

- Remove.



STEP 5.3

- Replace with fog lamp switch.



STEP 5.4

- Plug green connector into fog lamp switch. (Plug all connectors removed from Step 4 and place panel back in position)



STEP 6.0 Fog lamp wiring harness

- From the panel removed under the steering wheel locate hole in grommet.



STEP 6.1

- Puncture hole with O-ring pick/Philips screw driver or any sharp object no larger than the black tubing. (You want a tight seal between grommet and wire).



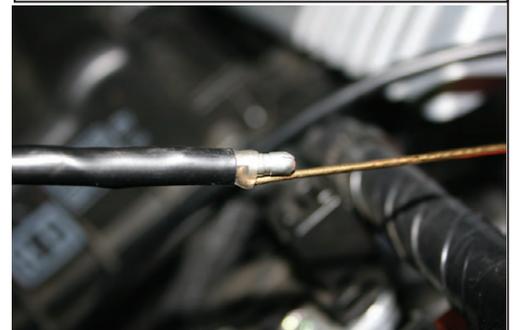
STEP 6.2

- Insert coat hanger or welding rod through punctured hole. Push rod far enough into engine compartment so you can retrieve it.



STEP 6.3

- Bend tip of rod with needle nose pliers.



STEP 6.4

- Insert hook end into bullet connector making sure black tubing is close to rod.



STEP 6.5 **IMPORTANT!** Wrap electrical tape around connector, tubing and rod. It is important that all three be secured as one unit so not to rip connector from wiring. You want tubing to take as much of the pull force as possible.



STEP 6.6

- Apply soapy water to the entire length of black tubing and from the inside of the vehicle pull rod until wire breaks through grommet. 2.5-3ft of wiring should be sufficient.



STEP 6.7

- Run wiring along side the black tube indicated until it meets female end of the WHITE fog lamp wire switch.



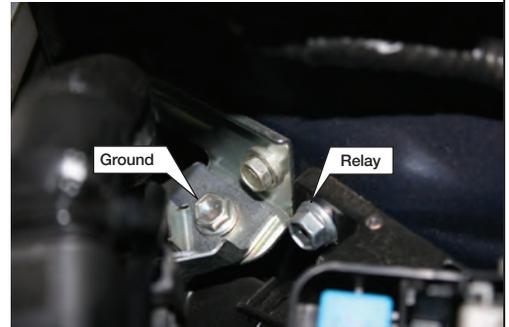
STEP 6.8

- Connect both ends together and tie strap wiring to black tube.



STEP 6.9

- On the top left corner of the fuse box (to the right of the brake fluid reservoir) locate silver ECU mounting bracket.



STEP 6.10

- Remove 10mm bolts and attach BLACK ground and relay as indicated.



STEP 6.11

- Attach harness connector to relay.



STEP 6.12

- Run wire harness between ECU and fuse box. Run RED power wire along the same path as WHITE power wire in fuse box. Connect RED power wire to 12V power source directly above WHITE cable.



STEP 7.0 **Connecting wire harness to fog lamps**

- Run wiring for driver and passenger side lamps down toward driver side fog lamp.
- Connect shortest harness to driver side fog lamp. Run wire harness alongside turn signal harness.
- Use the supplied tie straps to secure passenger side wire harness along the radiator support frame shown.
- Connect harness to fog lamp
- END of installation

STEP 8.0 **Fog lamp testing**

- Turn head lamps on, fog lamp icon should illuminate and fog lamps should be off.
- Press switch for fog lamps in to ON-position. Indicator light below fog lamp icon should go on indicating the fog lamps are on.
- If problems with either of the above occurred, check the 2 grounds and fuse.

