

## HID Fog light installation.

Your HID fog light kit is comprised of the following components.

- (2) HID bulbs
- (2) HID ballasts
- (2) HID ballasts cradle mounts
- (1) Relay harness.

To install your relay harness, You will need to access the fog light bulb itself. There are 3 ways to do this:

- If you have small arms, you may be able to reach the bulb from the inside of the frame rail.  
Remove and disconnect the bulb
- If you have Ramps or jacks, you can access the fog light from the underside panel. (This is just a few screws)
- If you do not have ramps or jacks, and cannot reach the fog light bulbs, you will need to remove the headlight shroud and cover to access the fog light. Then lower the light to access the bulb.

1) installing the relay harness

- a. Connect the Red wire from the relay harness to the Battery terminal on the fusebox. A ½” nut will
- b. Connect the black ground wire to the small bolt behind the battery under the cowling. A 10mm nut will hold the ring in place



- c. Connect the short orange wire to the fuse tap to the fog light fuse #6 in the fusebox. This slips over one of the fuse “legs”



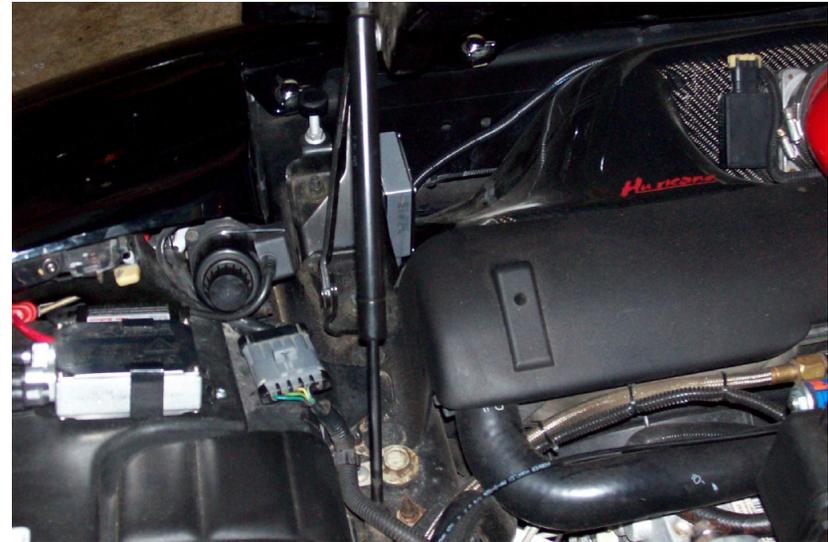
- d. Run the wire loom through the cap on the front-left-lower corner of the battery compartment. Run the loom down the passenger frame rail into the headlight cove then under the frame rail to the drivers side. You should have 1 connector from the harness in each headlight cove.



- e. You can secure the relay to one of the bolts that holds the fusebox down.

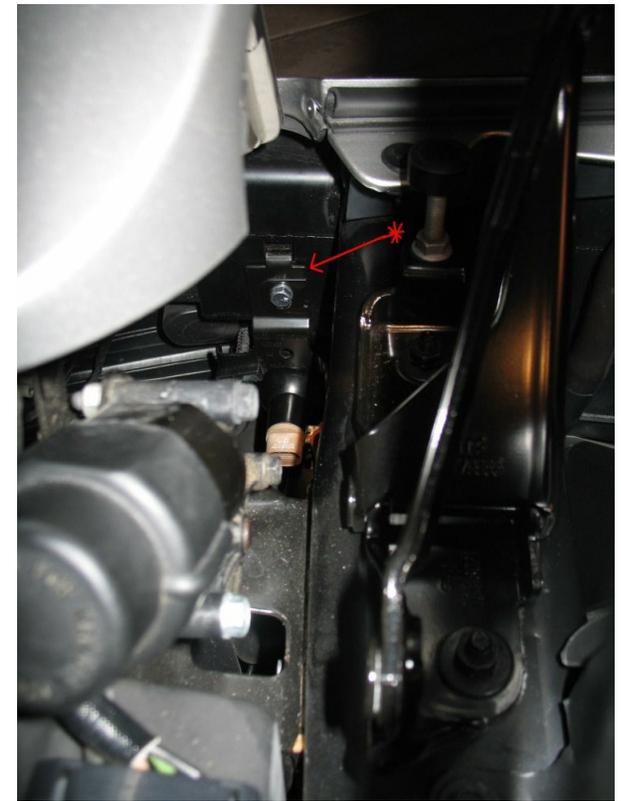
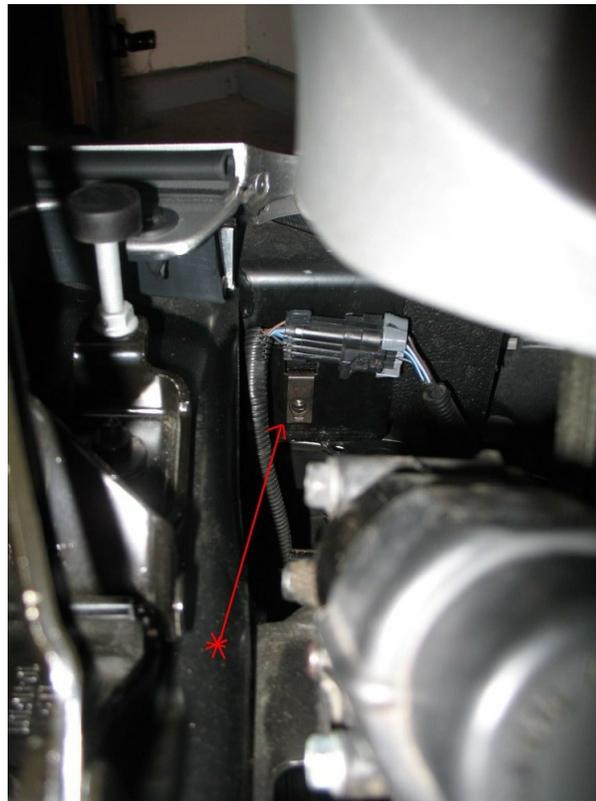
## 2) Installing the ballasts

- a. If you install the ballasts with the cradles, make sure your headlight will have clearance to rise and lower. If you install the ballasts with mounting tape, you have a little more options. I found the inside if each frame rail has plenty of room. And is easy access.



## 3) Installing your fog lights.

- a. Your fog light bracket has the hardware attached. Install the U-nut as shown
- b. Install the Fog light bracket as shown. Tighten the bolt so it's snug.



Your trunk switch is a module that can easily be removed with a knife or thin flathead screwdriver. Simply replace this piece with your new module by disconnecting your old harness and installing the new one on the new switchbox.

#### Aiming:

- 1) Place your vehicle on level ground 15-20 feet from a wall.
- 2) I suggest aiming one light at a time. You can remove one fuse from the harness to aim just a single light.
- 3) There is a single vertical adjuster screw on each light with a compression spring behind it. The screw can only be accessed from the front so you will need to remove the light each time you want to adjust it.
- 4) Aim both lights so the top of the cuff beam is only 12” from the ground.

Note: When running your Low beams and fog lights, Flashing your high beams will cause your fog lights to flash off and on quickly. Flashing HID bulbs significantly reduce their lifespan so turn off your fogs if you plan to flash your high beams.

Enjoy your new lights!

If you have any questions, my cell phone is (832) 275 4455.