2006-2009 Yaris Fog Light Installation
Lift back and Sedan

PLEASE READ FULLY BEFORE STARTING
THIS IS A GUIDE ONLY
As Your Wire Colors maybe different

You may want to remove the negative cable (black) from the battery before beginning.

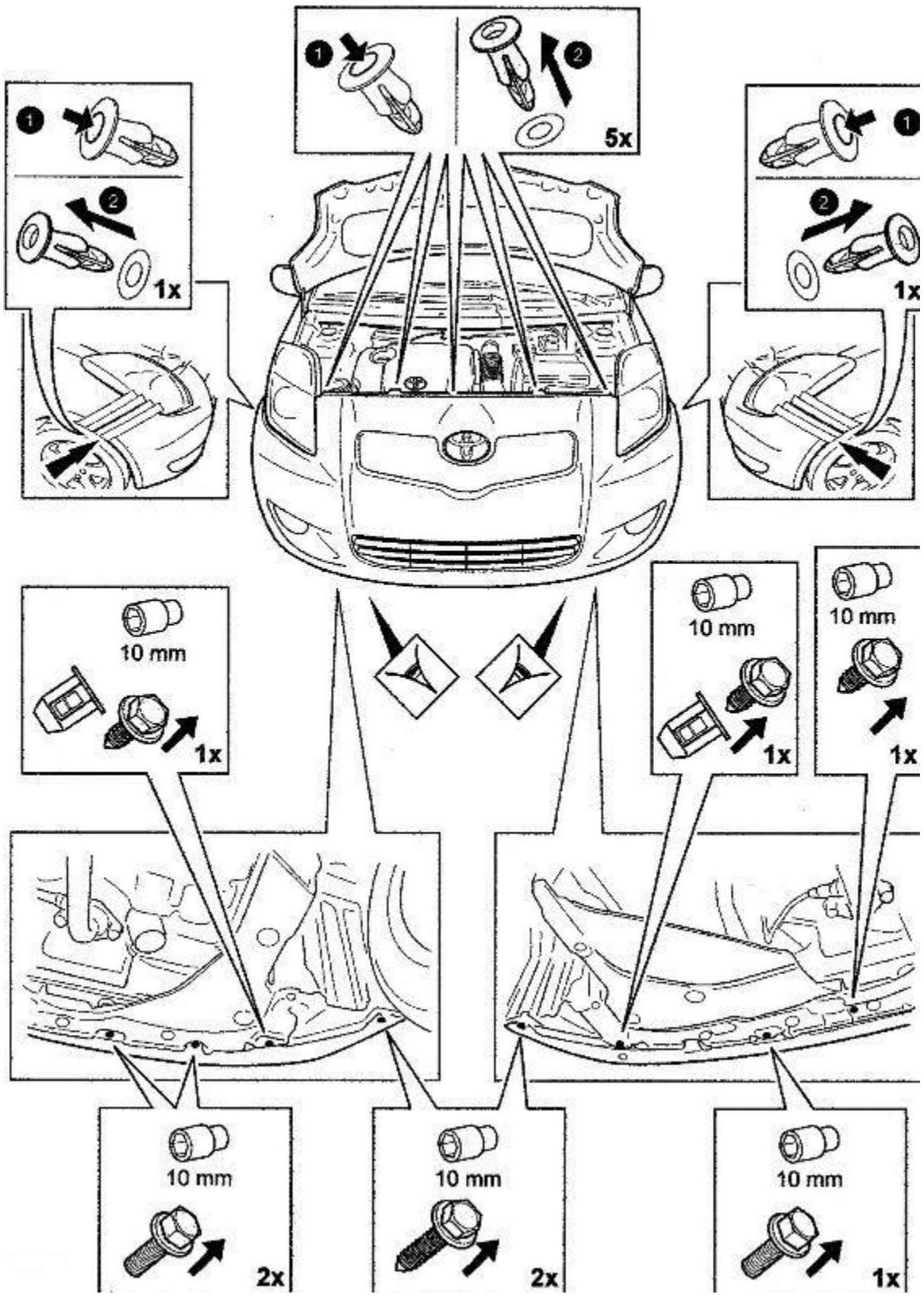
The Yaris is already semi-pre-wired for the fog light installation. I was able to install the lights without running any cables/wires through the firewall. In addition, this method also provides for the fog light indication lamp to illuminate on the dash cluster. The fog lights are able to operate when the Park lights are being used, The fog light relay is actuated via the headlamp relay.

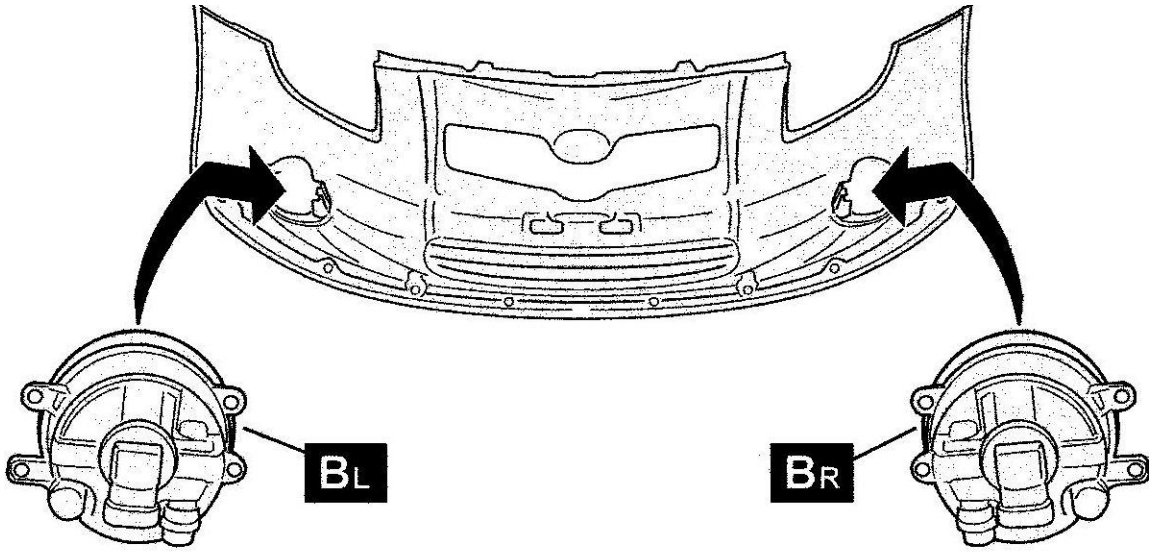
Installing the actual lights and bezel's

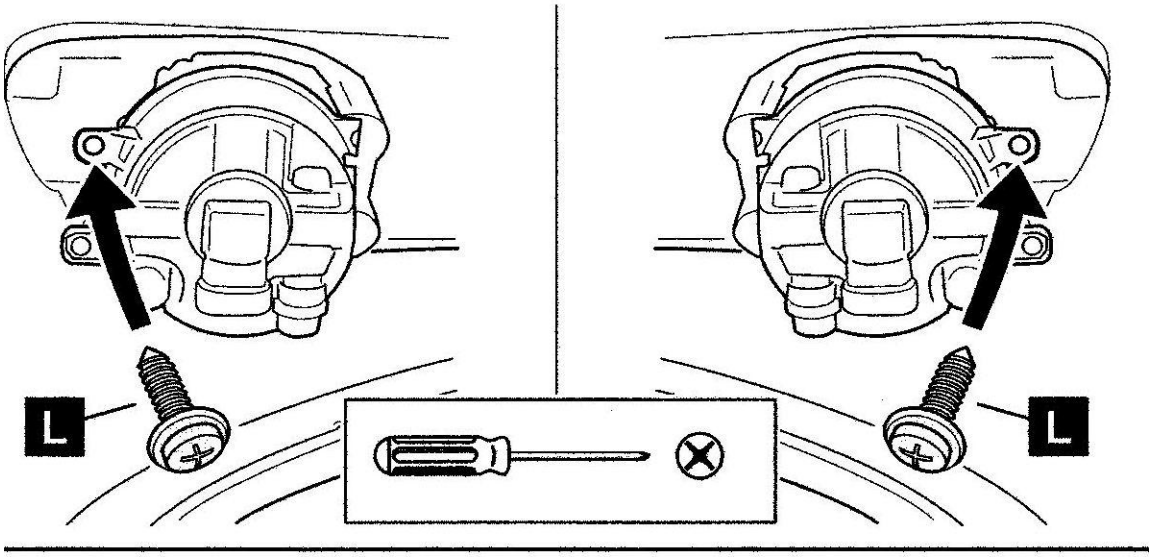
I started by installing the fog lights themselves. Remove all of the 10mm bolts underneath holding plastic cowling. I then pried the bumper forward enough to slide my arm up to the decorative bezels, squeeze the tabs inward and popped the cap out of the recess. The new bezels snap in from the outside and the fog light fixtures pop-in from the inside of the bumper and require the one screw to hold them in.

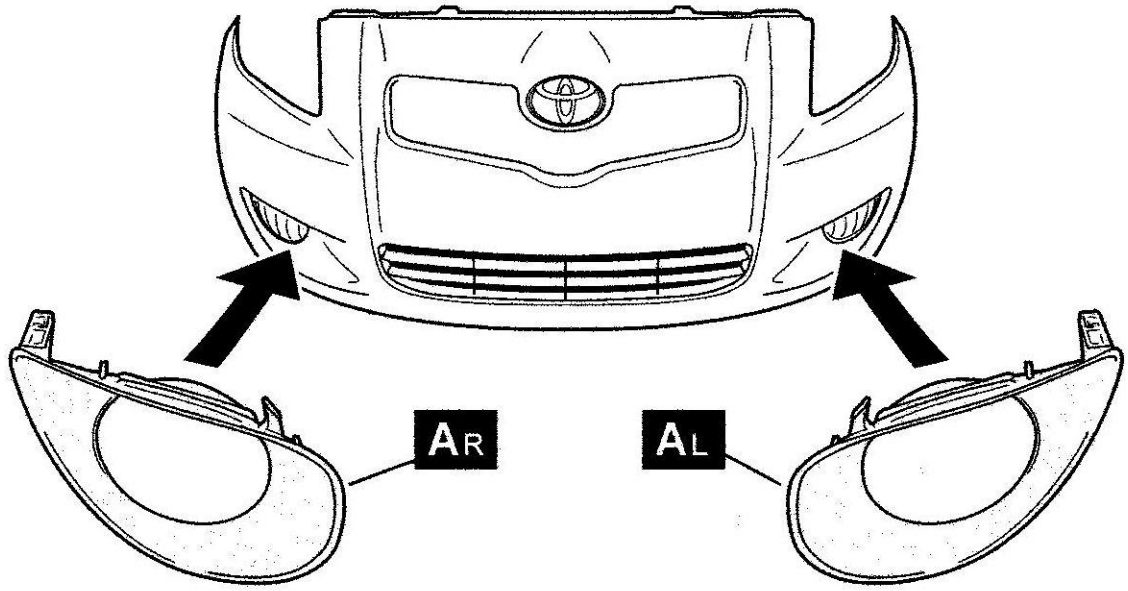
Or you might want to remove the bumper fully as per
The Toyota instructions .

Starting at the (USA Passengers side) side using this aftermarket kit, I connected the longest wire of the fog light plug/harness to that light fixture and tie-wrapped the wire along the factory harness that runs along in front of the radiator. I plugged the shorter fog harness/plug to the (USA Driver's side) fog fixture and connected the ground wire to the ground screw next to the headlight assembly, or you can make it longer and connect it to the Negative terminal on the battery. The positive wire is plugged into terminal pin #1 & #2 on the 12 pin connector A24 inside the fuse/relay junction box in the engine compartment on the Passengers side next to the battery.
As per diagrams and photo's


1
2
5x
1x
1x
10 mm
1x
10 mm
1x
10 mm
1x
10 mm
2x
10 mm
2x
10 mm
1x

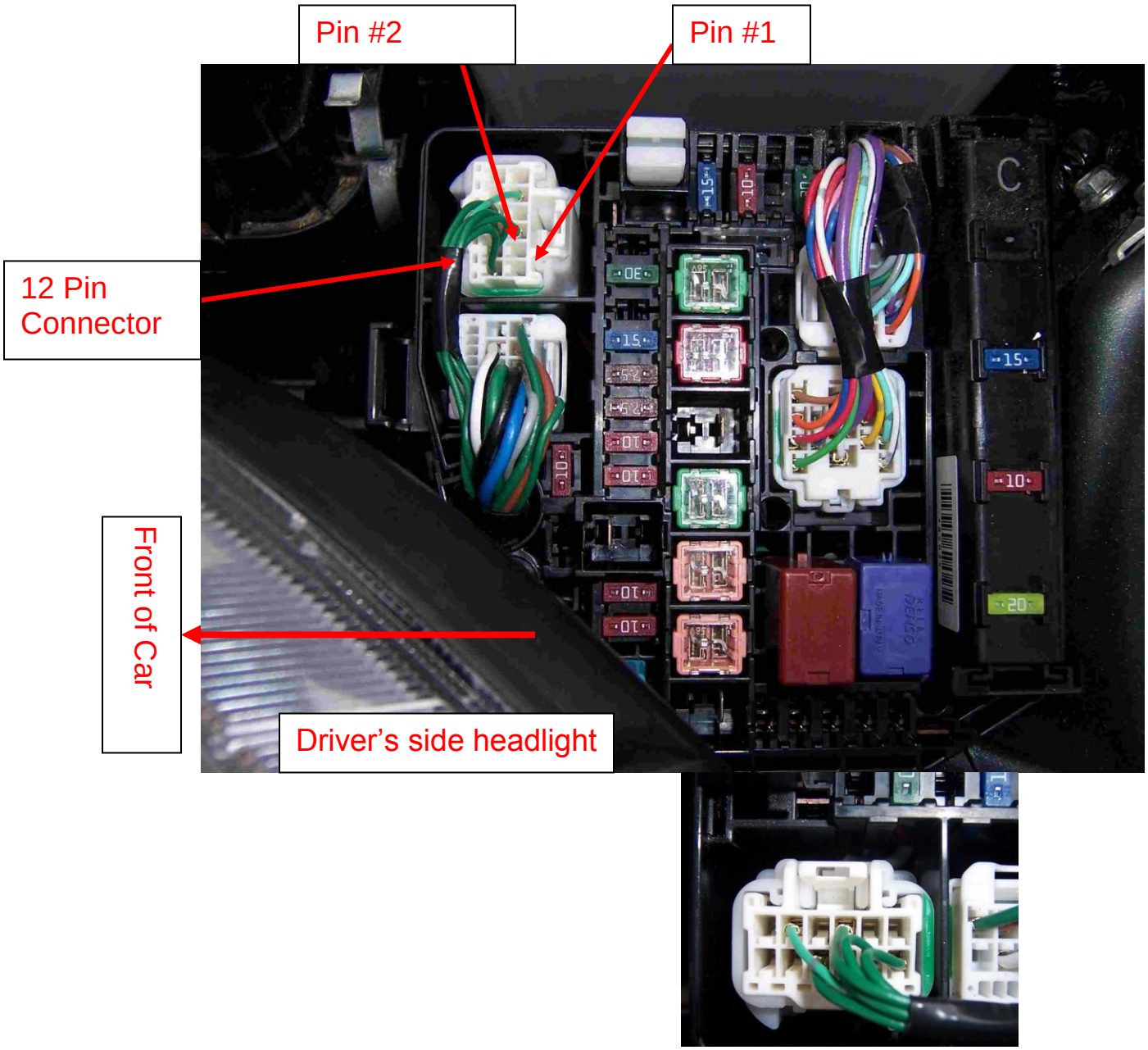






Picture shows lights for the Lift back , the Sedan requires 2 screws for each light.

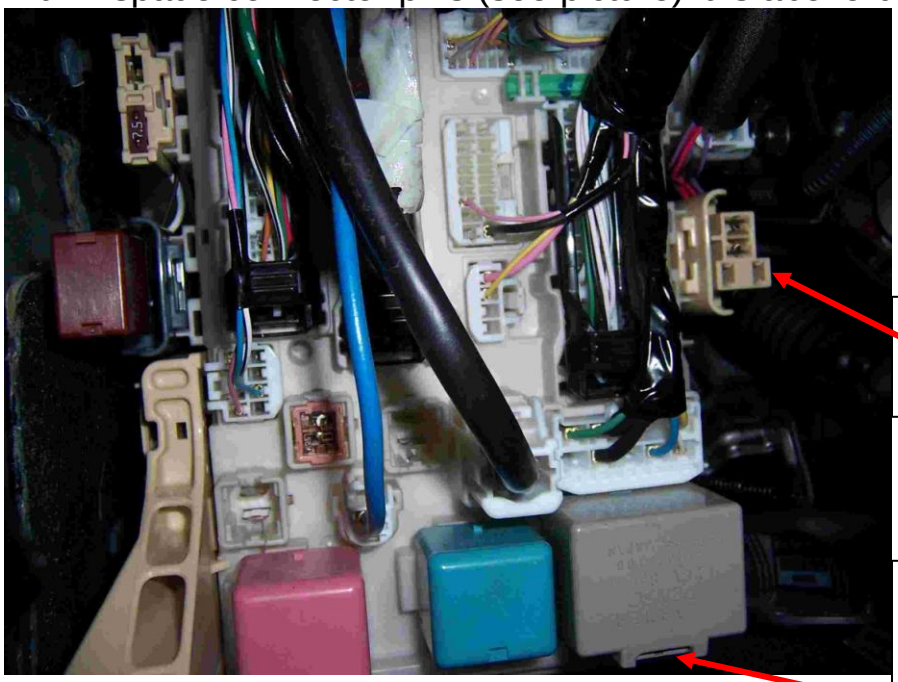
SEE PHOTO'S



12 pin connector #A24

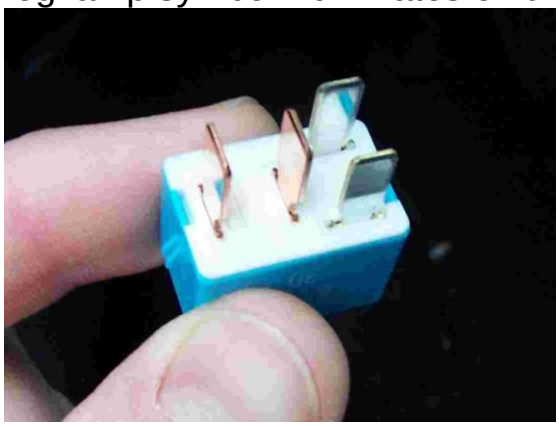
Now, open the (USA Driver's) door and remove the panel Below the steering wheel.

behind it you will find the fuse/relay panel. There is a receptacle for the fog lamp relay on the right side of the panel, it is cream colored with 4 spade connector pins (see picture) it is above blue relay

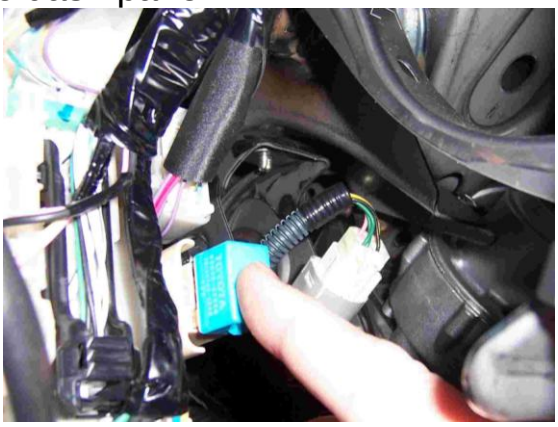


THIS PICTURE IS FROM USA MODEL
Fuse –Relay Panel at passenger's knee (Right hand drive model).

Here is a picture of the Relay, and how it plugs in, this integrates the Headlamp Relay to the fog lamp relay so the instrument cluster's fog lamp symbol illuminates on the dash panel.

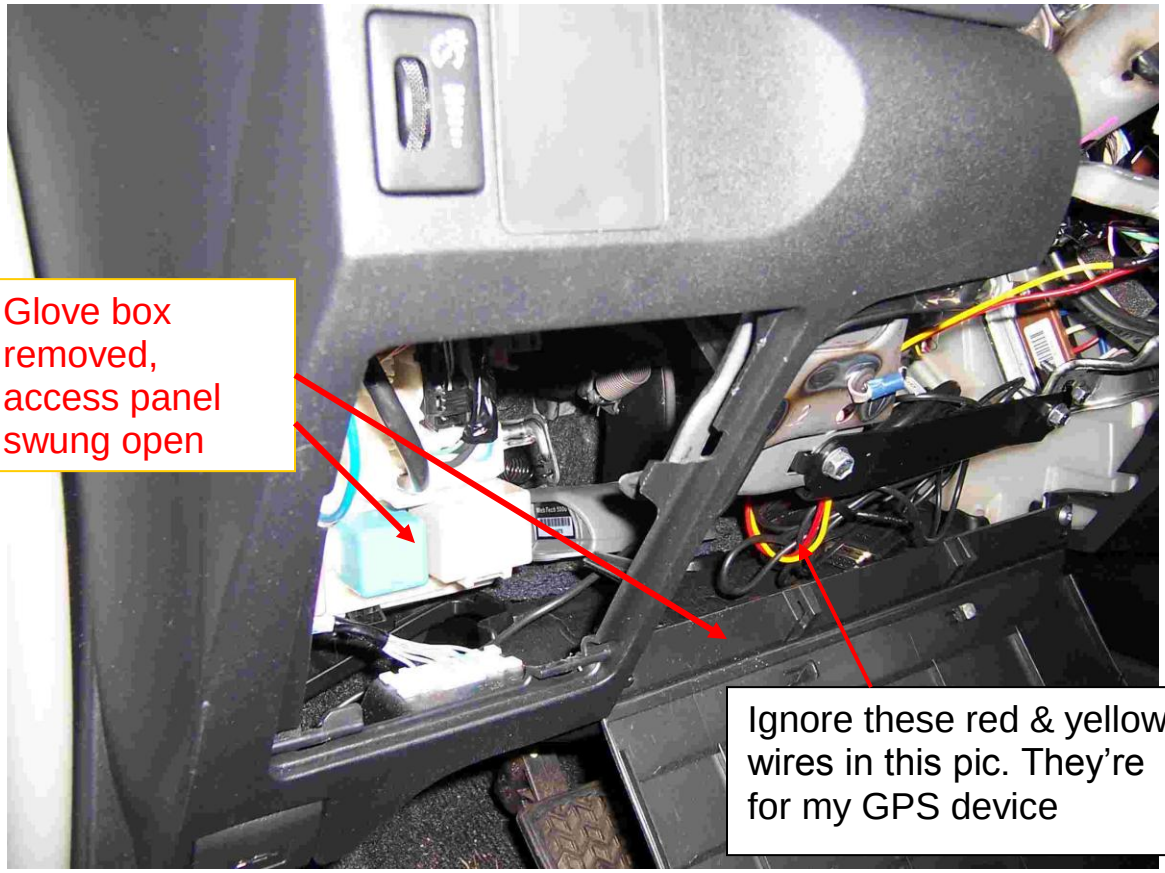


Toyota Fog Lamp Relay



Relay Plugs directly in

Use The Relay Supplied with the kit. (refer pictures on last page)



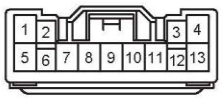
THIS PHOTO IS OF USA MODEL

Next, if you do not want to use the after market switch and wiring
You can purchase the correct fog light / head light stalk from Toyota For about $170.00US and install it ,and you are done .

OR TOO WIRE , DO THE FOLLOWING.

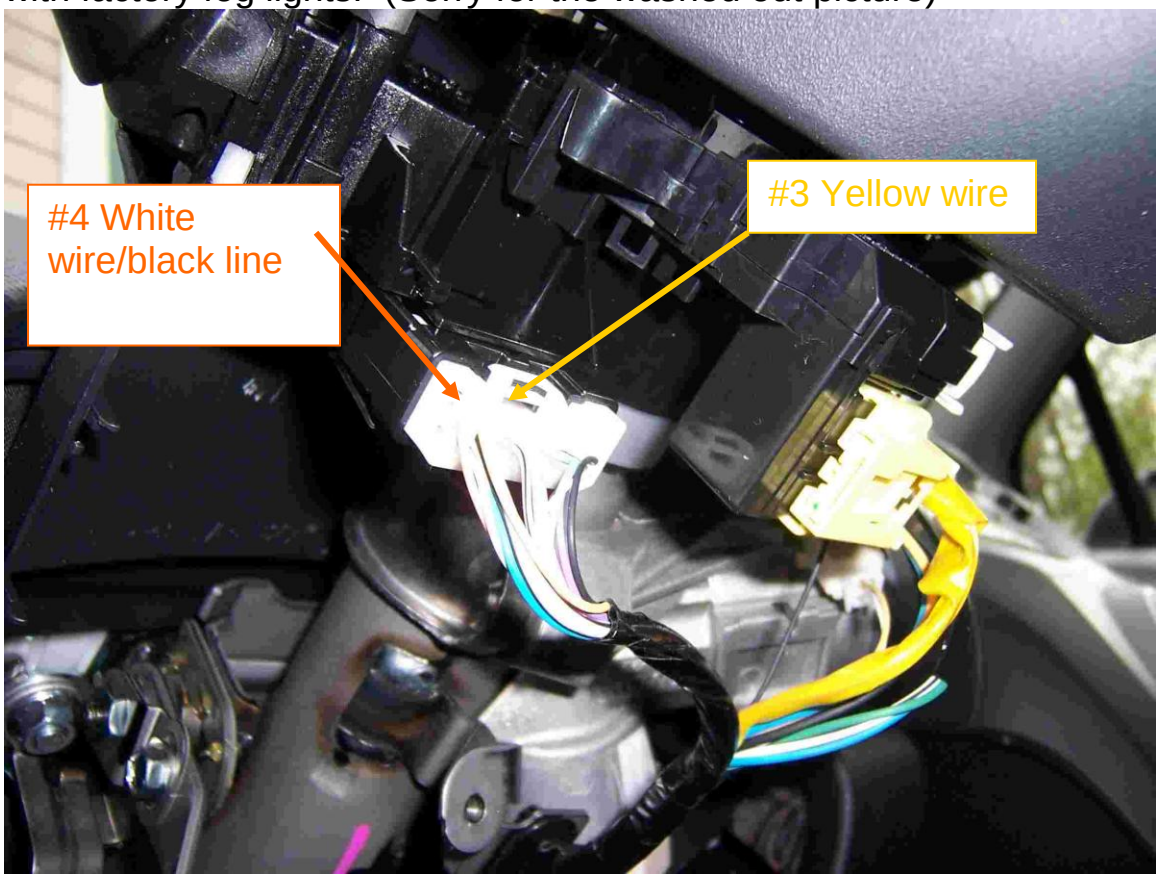
you will need to remove the lower steering column cover by removing the three screws. The first screw is located underneath in the recess for the lever that adjusts the steering column tilt. The other two screws are located underneath the steering wheel at the top corners of the housing. You will need to turn the wheel to the right to get at the right hand screw and vice-versa. The lower cover removes with a tug to pop the plastic retainers.
Under this cover you will find the Headlamp switch assembly D4, it

D4



looks like this configuration:

You will see a yellow and white /black line wire in pin locations #3 & #4 respectively (COLOURS MAY VARY). These two wires are purposely for the fog light switch on the stalk HAD your Yaris come with factory fog lights. (Sorry for the washed out picture)

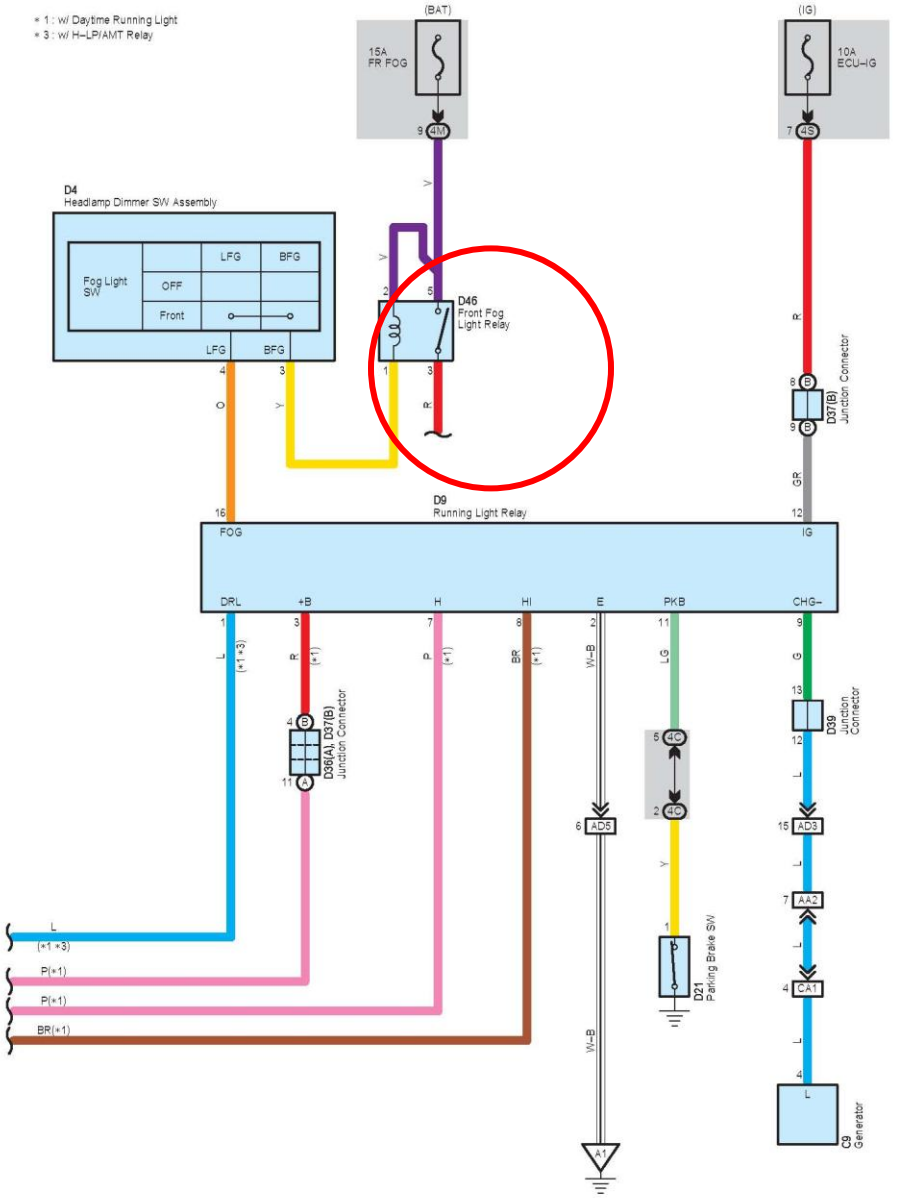


Headlight Switch Assembly USA MODEL Connector under steering column.

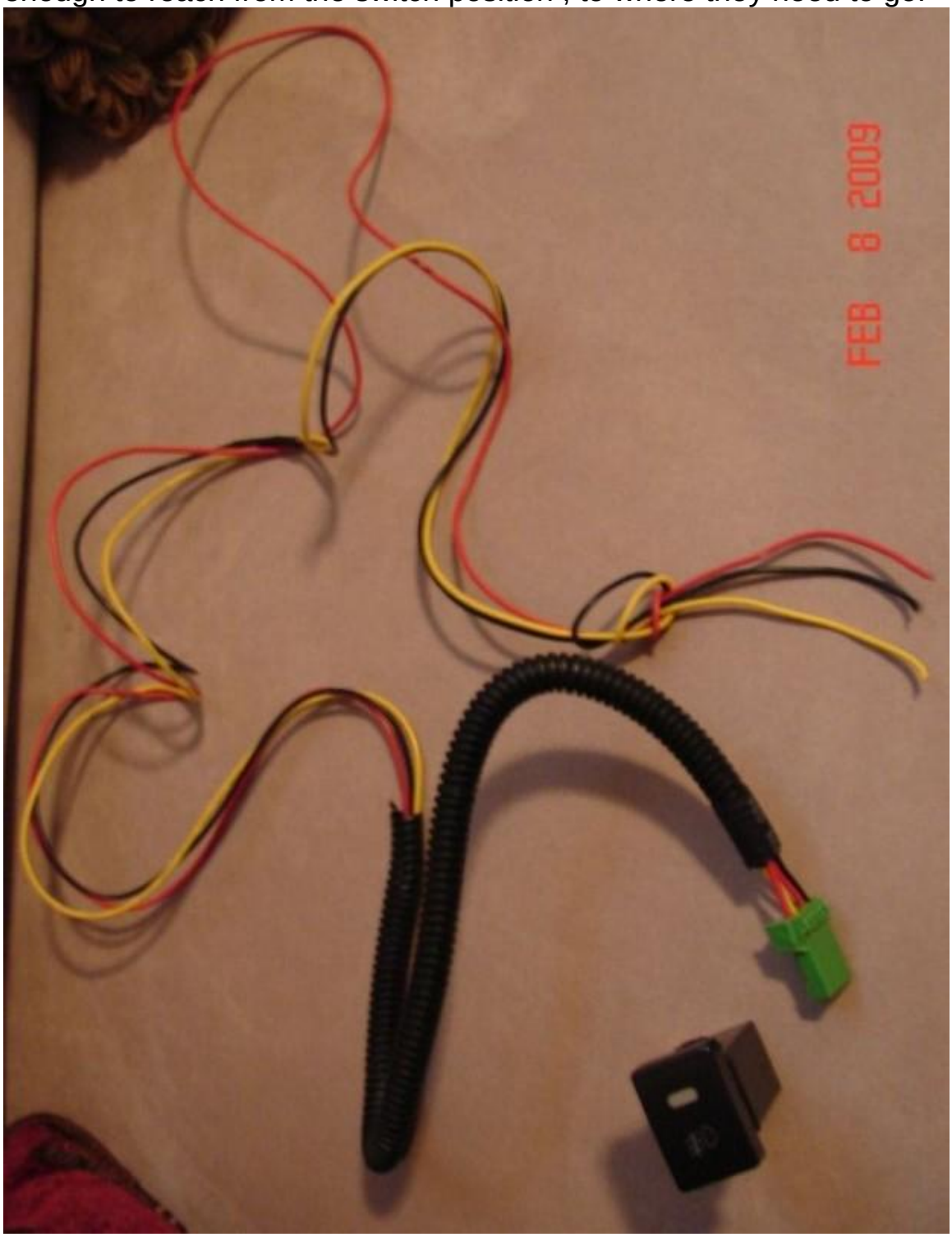
Right hand drive model pictures last page.

receptacle. Here is a schematic that illustrates the receptacles pin position (circled in red):

Headlight

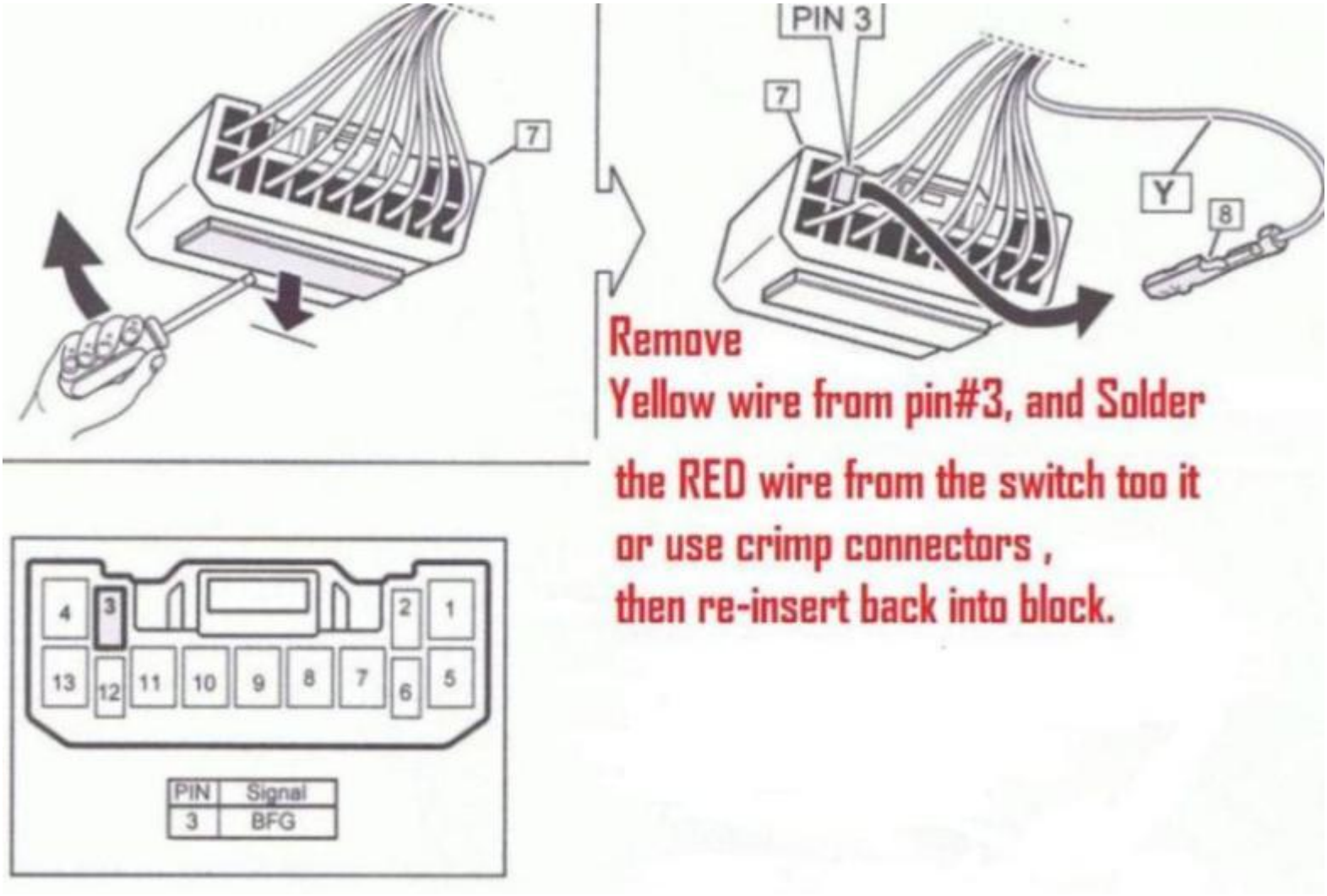


First off you need too remove the switch wiring from the loom supplied so it looks like the following , making sure the wires are long enough to reach from the switch position , to where they need to go.

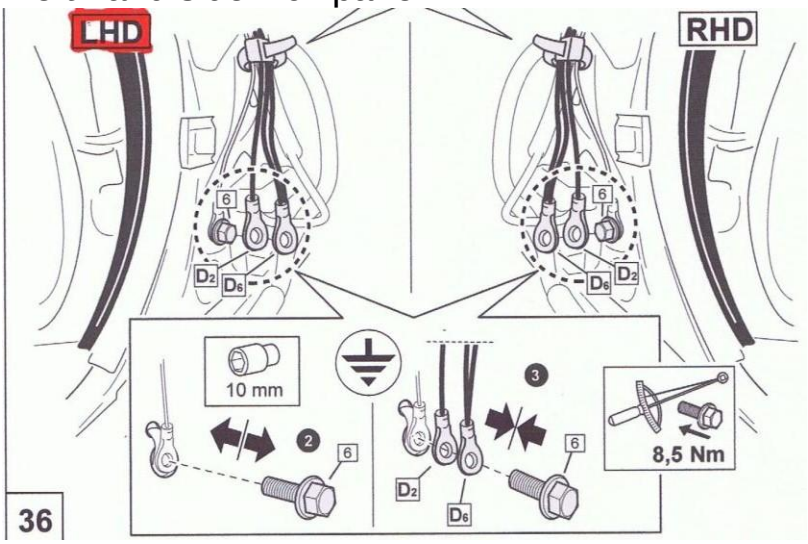


Now that you have the switch and three wires as shown above

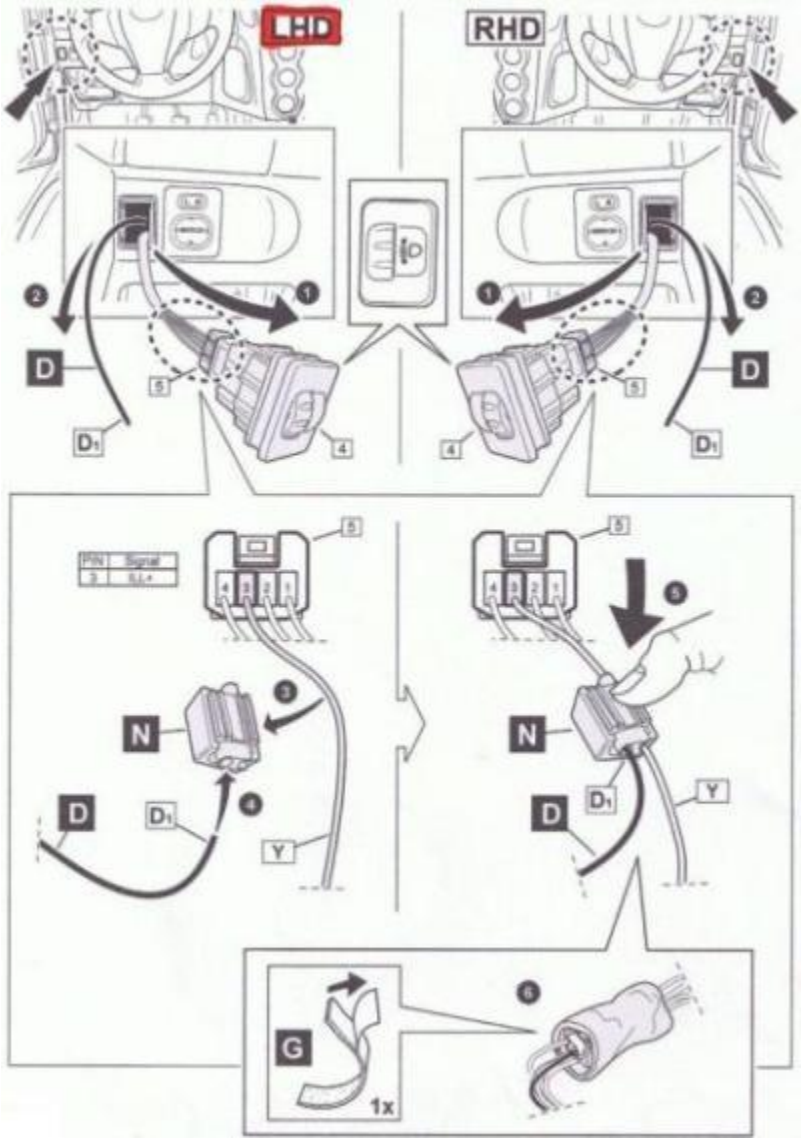
Take the RED wire and connect it to the Yellow wire in Pin#3
Of D4 connector ,
As Shown below



Next take the black wire and ground it to earth via a bolt behind the Left hand side kick panel

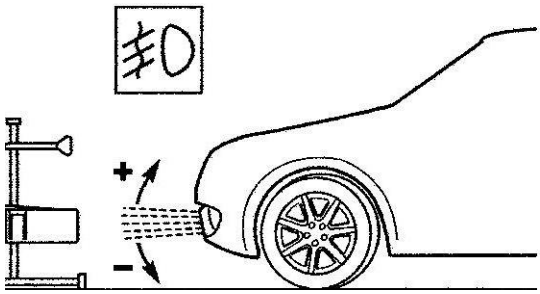


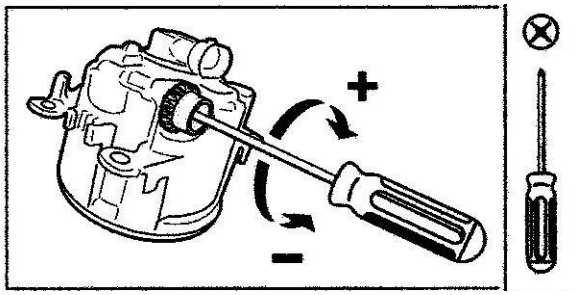
Lastly take the Yellow wire from the switch and connect to the dimmer Switch Pin#3 as shown below , again you can pull the pin out and solder the YELLOW wire to the pin or you can use crimp connectors



If you don't have a dimmer switch run the Yellow wire to any of the dash lights and splice / wire it in .

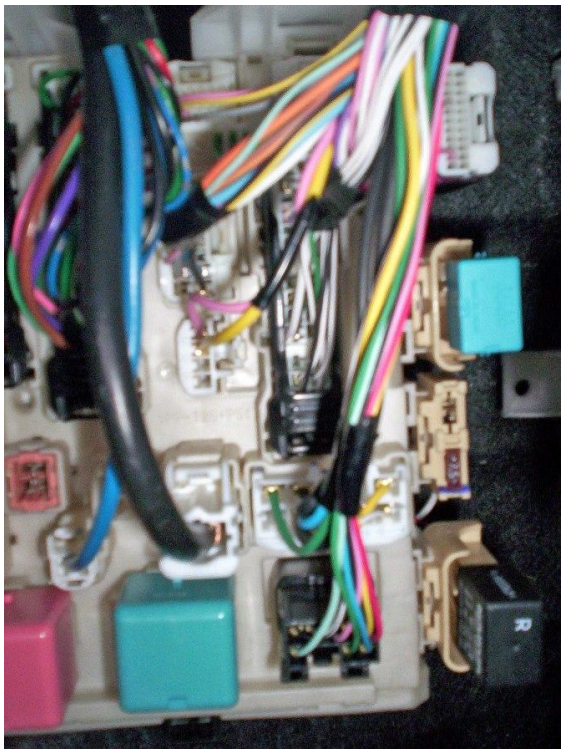
If you disconnected battery reconnect and you are all ready to go and adjust the beam of the lamps as shown



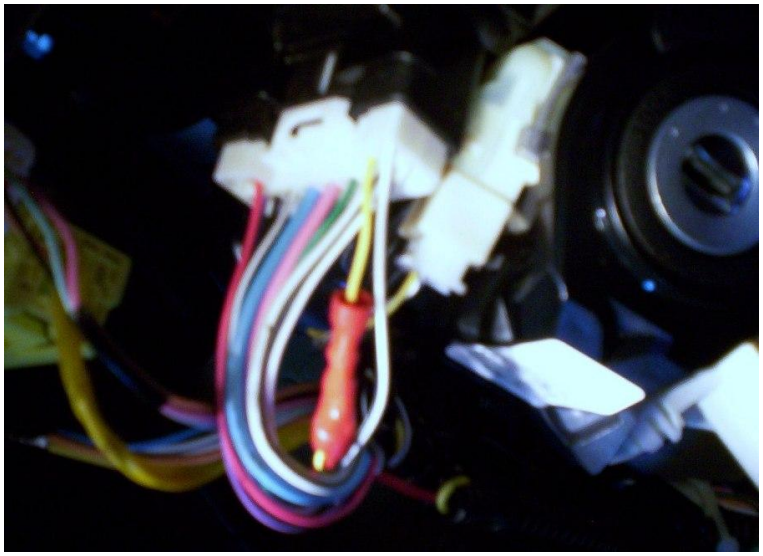


NOTE:

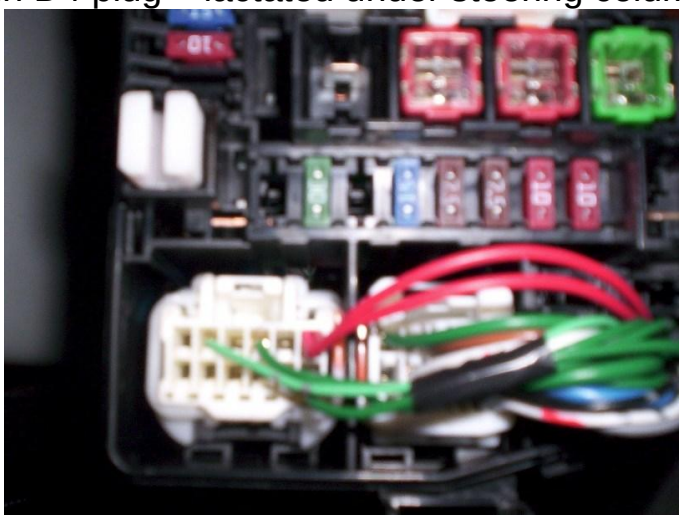
Under the relay panel on its bottom side where you plugged in relay is a plastic cover that unsnaps to reveal the fuses for car. You may need a mirror to view them. I discovered that Toyota has already installed a 15 amp fuse in the #12 position.



NZ model relay panel passenger side
Behind glove box.



D4 plug wired as OP1- red wire from switch connected to yellow wire in D4 plug – lactated under steering column.



Relay box under bonnet next to passenger headlight showing red wire from fog lights plugging into A24 plug position PIN#1(or you can split and put them in 1&2- Recommended and supplied)



Showing my switch placement as I don't have a Dimmer Switch.