

DIY: JDM Fog Light w/ OEM Switch

Disclaimer: Installation was completed on a 2015 Lexus GS350 F-Sport. This tutorial could be used as a reference against other models. It's always recommended to verify all connections via wire diagram.

Extra Parts Needed

Part# 93567-A5014 (Fog Light Screws) x 4

Part# 82998-12870 (N28 Connector Pins) x 2

Part# 82998-24350 (BA2 Connector Pins) x 2

Relay/Fuse Connections

BA2 Connector - Pin 39 (Left +)

BA2 Connector - Pin 40 (Right +)

Fog Light Switch Connections

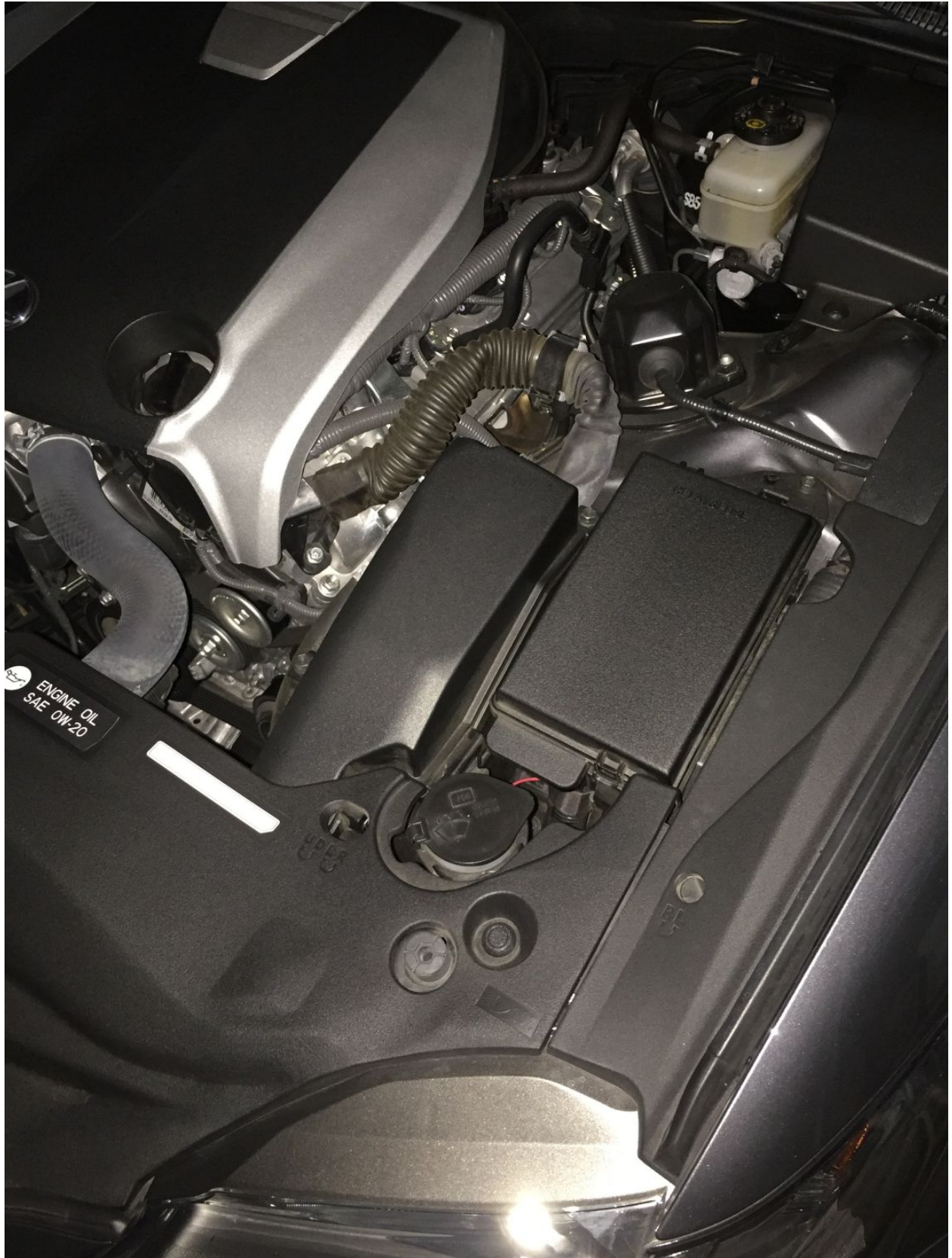
Ground

N28 Connector - Pin 10 -> N28 Connector - Pin 19

On/Off Function

N28 Connect - Pin 11 -> N12 Connector - Pin 27

Spot relay fuse box

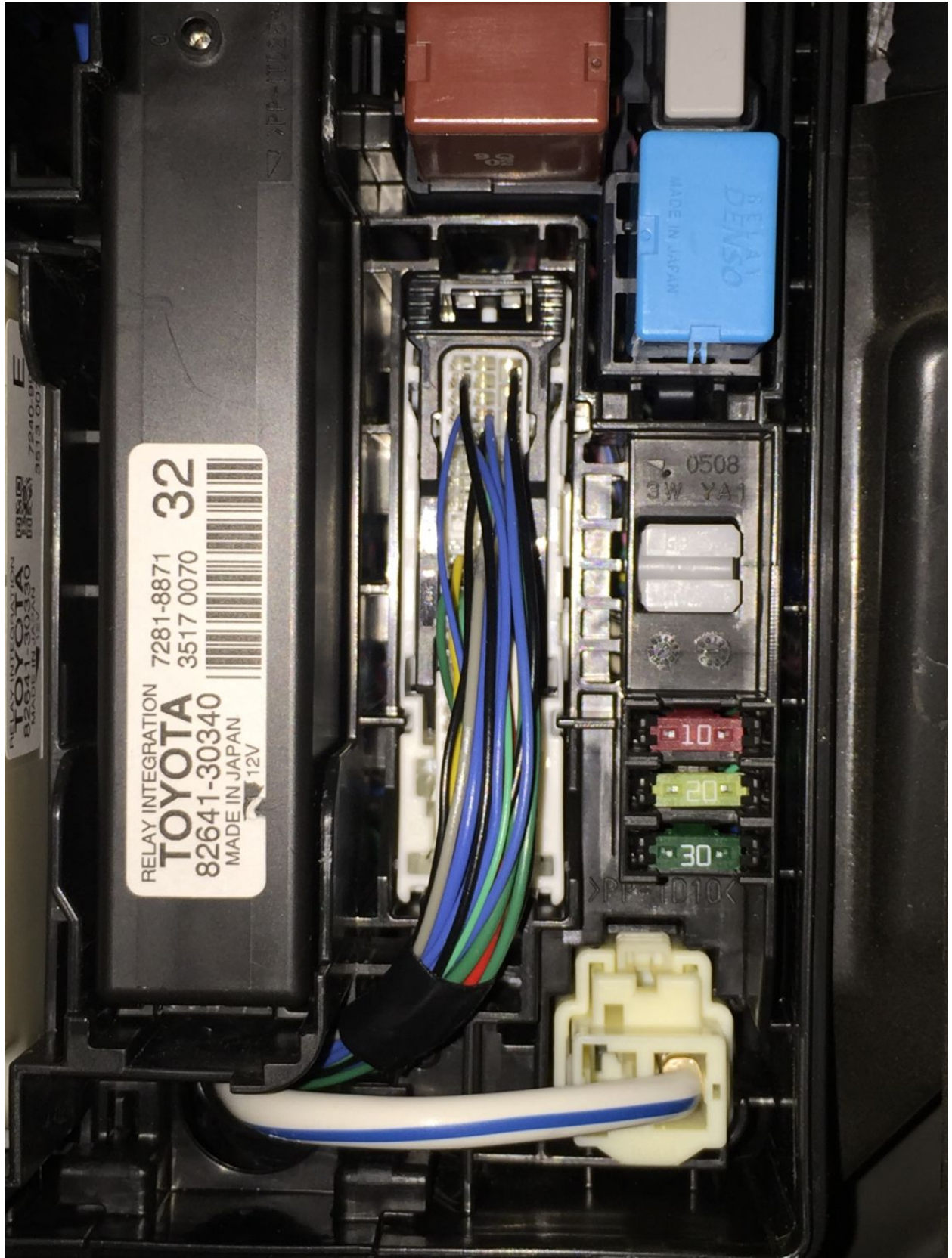


You will notice an integration relay unit and wire harness

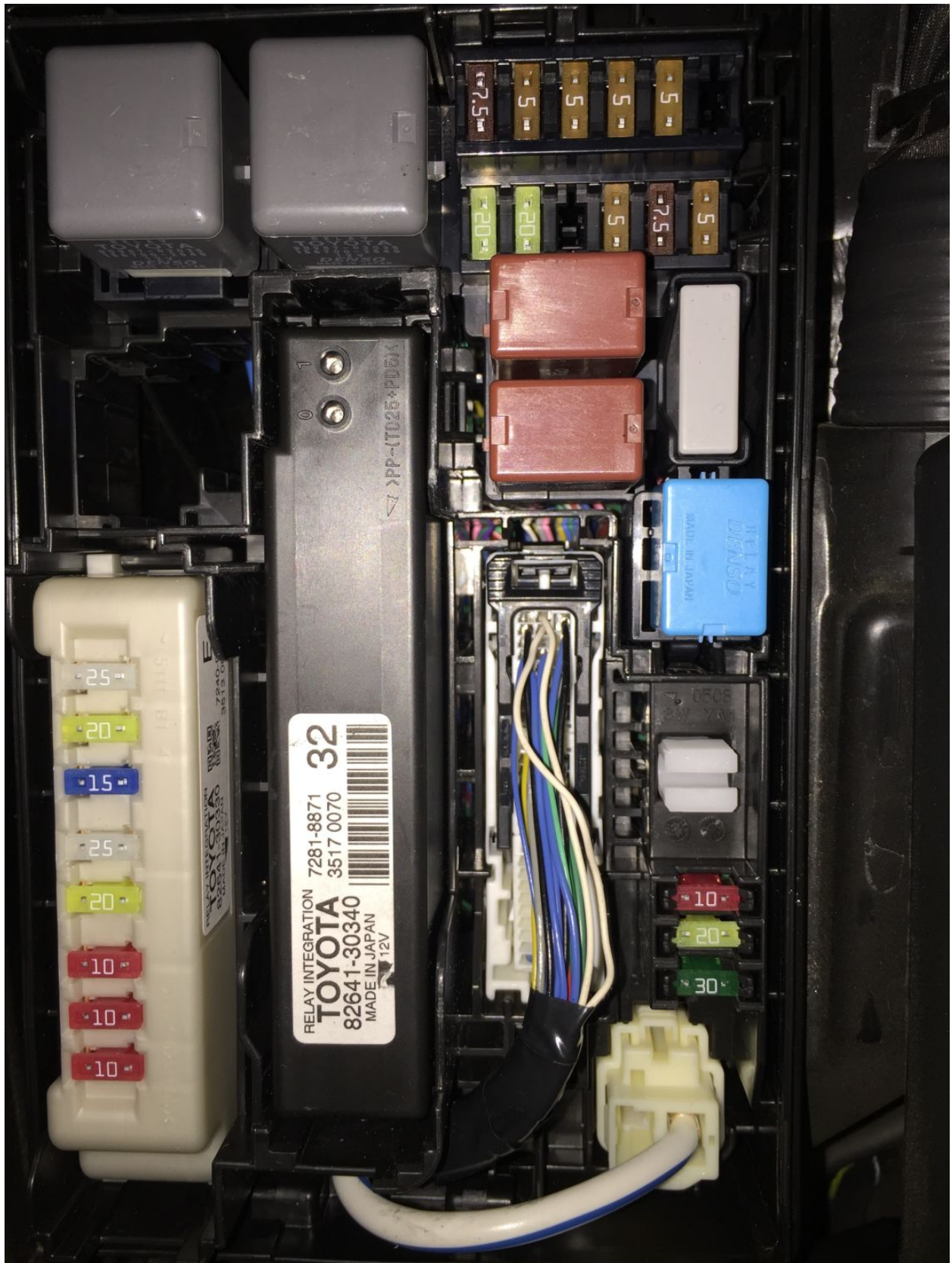


This will be the main wiring harness that you will be tapping

into



Two white wires have been added to power the fog lights. I combined both wires together and connected it to the positive side of the relay harness.

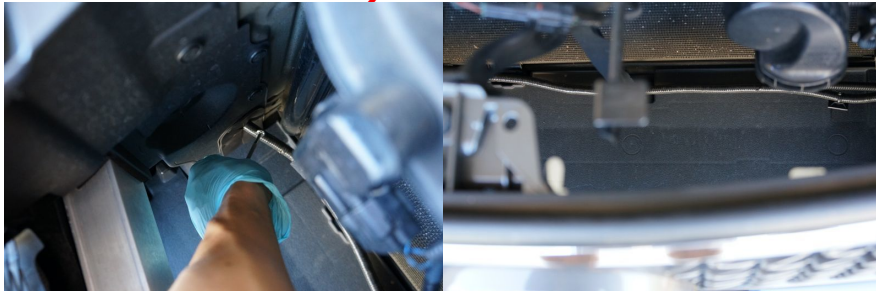


This will be a similiar relay harness provided in your kit. The

red circle indicates the part in which I cut off. You will be left with a positive and negative wire going to the left and right plug.

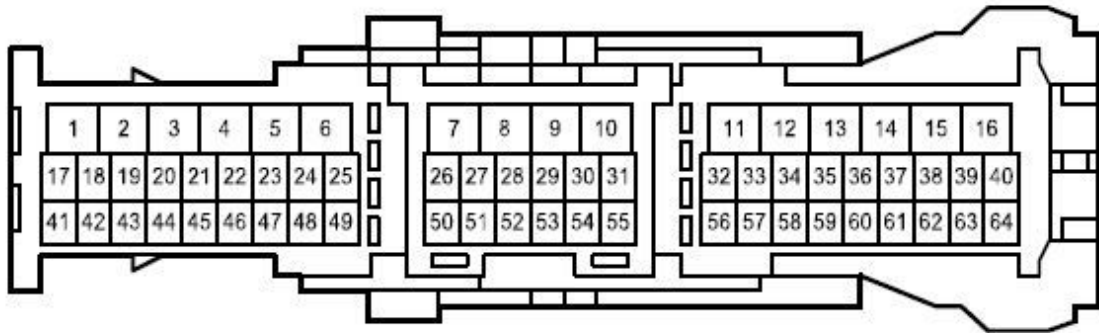


Running wire from driver side to passenger side (provided by member 4matador)

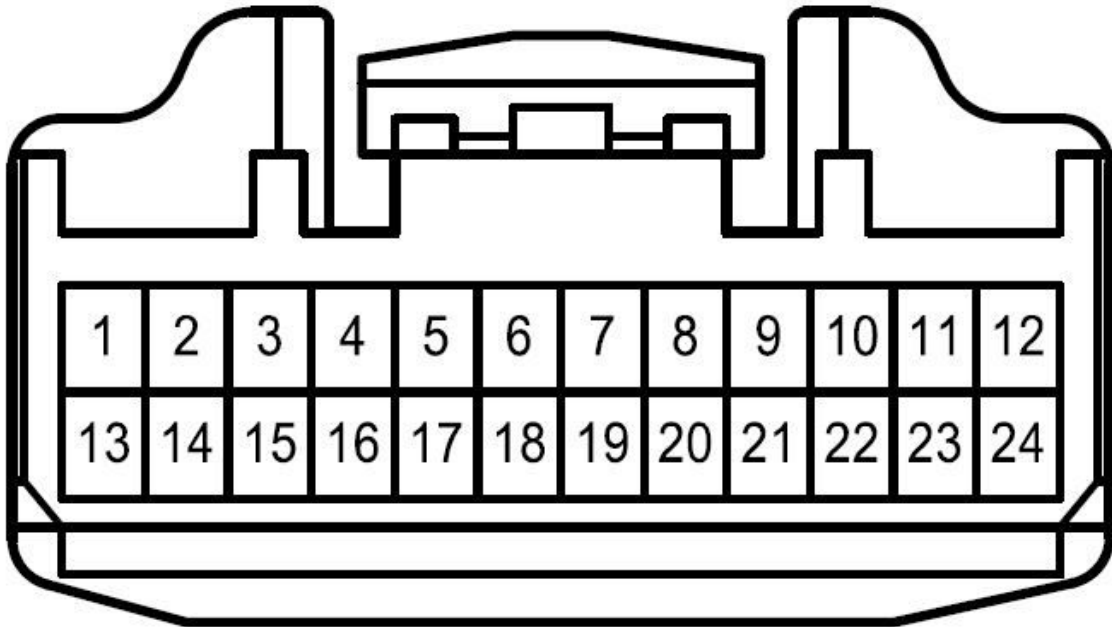




BA2 Connector (Relay/Fuse)



N28 Connector (Fog Light Switch)

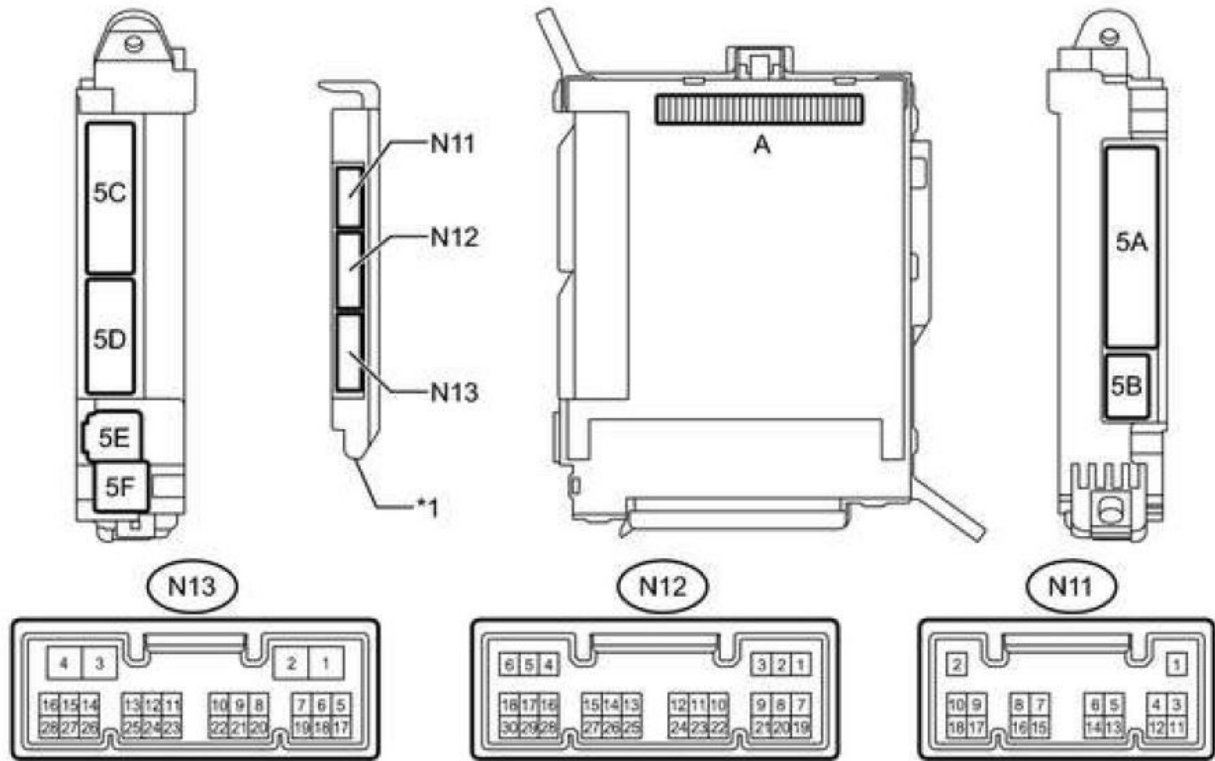


Area to access main body ecu (red circle/behind coin tray)



N12 Connector (Main Body ECU or Multiplex Network Body)

ECU)



I did not bother to purchase a pin for the N12 connector. I ended up pushing in the wire I extended from the foglight switch and zip tying it down.



