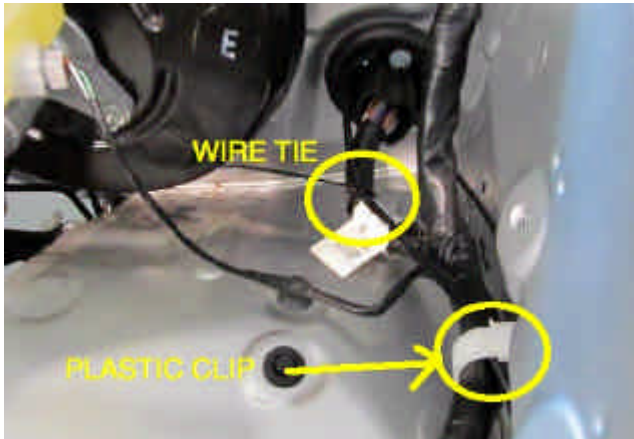


OE Fit Fog Light Kit Instructions: TTA-312B 2012~ Toyota Tacoma

Rev. 2/14

Preparation

1. Disconnect negative battery cable. Remove battery bracket; slide battery toward engine.
2. Attach the ring terminal with 2 black wires to the 10mm factory ground next to battery.
3. Route fog light wire harness from battery to large vehicle grommet. Wire tie (picture 1)

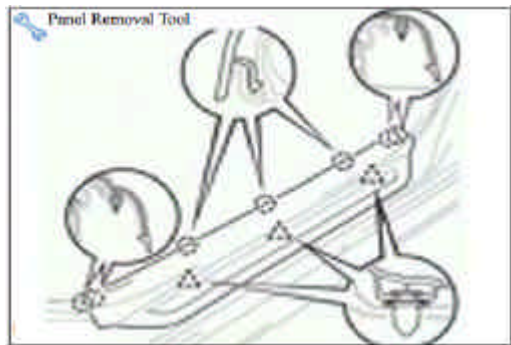


Picture 1: run wires through the plastic clip

4. Locate the large vehicle harness grommet on the left side. If accessible, cut the auxiliary wiring access nipple off the grommet or cut 1/4" slit in grommet. Secure excess wires with wire ties to fuse block wire harness. Push the two red and gray/white wires through firewall. Note: Do not to damage the connectors. Seal with RTV Silicone sealant

Vehicle Disassembly

5. Remove driver side door scuff plate with trim plastic panel tool (picture 2).



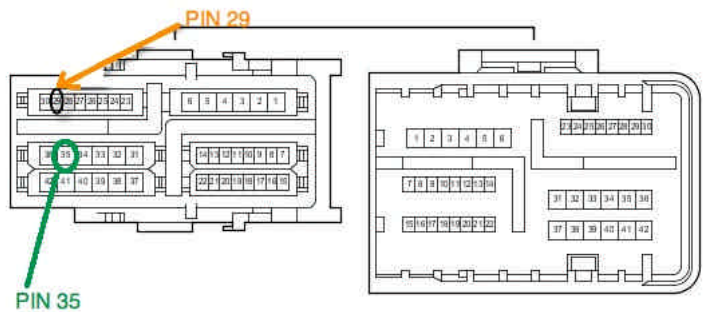
Picture 2

6. Remove drivers footrest pad and kick panel.

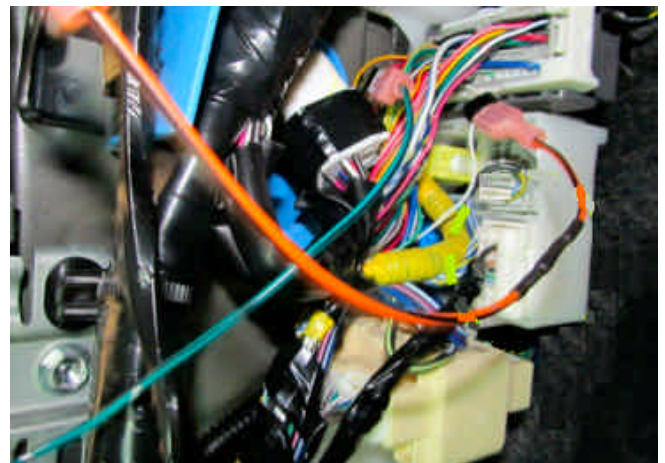
7. Remove the lower dash finish panel and disconnect hood latch assembly. Remove lower metal knee panel.
8. From inside the cabin, locate the wires that were pushed through in step 4 at grommet above the emergency brake pedal

NOTE: Fog light kits with date code prior to 2/1/2013 require diode adapter on the end of the orange/black wire of the fog light harness. Diode is already incorporated into the fog light harness after this date. Kits after 10/13 will have main power wire routed inside the cabin

9. Use BLACK T-tap to connect **orange/black** wire (-12V low beam interlock) to connector IA-1 pin 29, white wire. Connector IA-1 is located in upper kick panel (pictures 3 & 4)
10. Use BLACK T-Tap to connect **green/black** wire (-12V high beam interlock) to connector IA-1, pin 35, red-black wire (pictures 3 & 4)



Picture 3



Picture 4

11. Attach Yellow T-Tap to the white-green wire of connector 1A, pin 5 (+12V ignition). Connector 1A is next to the fuse block (pictures 5 & 6)

OE Fit Fog Light Kit Instructions: TTA-312B 2012~ Toyota Tacoma

Rev. 2/14

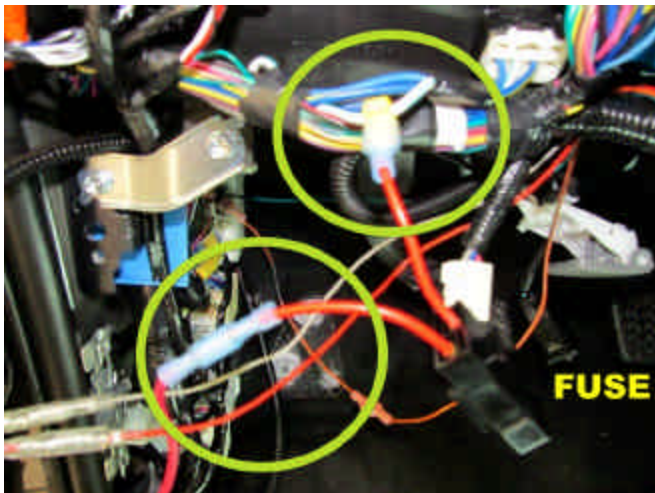


Picture 5: showing yellow t-tap



Picture 6

12. Connect the red and gray/white wires with bullet connectors from outside harness to inside harness red and gray/white wires. Connect the 14 gage red wire from fog light harness to the supplied fuse. Connect the other end of the fuse to the yellow T-tap installed in step 12 (picture 7)



Picture 7

13. Secure fog light wires and relay with wire ties.
14. Pull switch wire harness through switch opening. Connect switch and then install switch into panel (picture 8).



Picture 8

15. Reinstall dash panels and reconnect cables and connectors. Reinstall kick panel, footrest and scuff plate.

ENGINE COMPARTMENT

16. Remove the radiator cover shield
17. Drop the left side of fog light harness down on left side of vehicle, to reach fog light compartment area
18. Run the wire harness to the right side on top of the radiator housing and drop right side of wire harness to reach the right fog light compartment
19. Remove push-pin on the fender liner and two splash shield 10mm bolts under fender liner. Pull back fender liner for access (picture 9)



Picture 9

20. Remove fog light bezel caps (picture 10). Save screws to mount lamps.



Picture 10

OE Fit Fog Light Kit Instructions: TTA-312B 2012~ Toyota Tacoma

Rev. 2/14

21. Insert one side of the fog light into the plastic sleeve through the open fender and secure other side with removed factory Phillips screws (picture 11). Repeat this step for left and right fog lamps



Picture 11

22. Plug in left side fog light into harness plug and secure with wire ties. Repeat for right side.
23. Reinstall lower splash shield and wheel liner
24. Slide battery in position, reinstall battery bracket and reconnect negative battery cable

Verify Fog Light Operation

1. Turn on ignition key.
2. Turn on headlamp low beams, then press fog light switch to ON. Fog lights should be illuminated. Fog lights will only work when the low beams are ON.
3. Turn on high beams while fog light switch is ON. Fog lights should be off. Fog lights will NOT work when the high beams are ON

Fog Light Aiming

Traditional fog lights are usually mounted in the front bumper about 10-24 inches from the ground. There are two important issues to address when installing fog lights: the first is to minimize the amount of return glare into the drivers eyes, and the other is to minimize the glare into oncoming eyes. Both of these issues must be accomplished while putting as much light as possible on the road.

These fog weather light aiming instructions are suggestions taken from common practice and the

S.A.E. standard J583. Some modifications to these instructions may be necessary to minimize glare.

Visual aim is made with the top of the beam 4 inches below the lamp center at 25 feet with the lamp facing straight forward (picture 12)



Use only hand tools to adjust the fog light aiming screw.



Picture 12

IMPORTANT NOTE: This kit is wired for Negative pin trigger on both relays. Orange/Black & Green/Black signal wires should NOT connect to +12V or you may damage the relays and harness.

DONMAR
SUNROOFS & ACCESSORIES

<http://www.donmar.com>

\\TTA-312B 2012 Tacoma AM Instructions Rev.2/4/14