

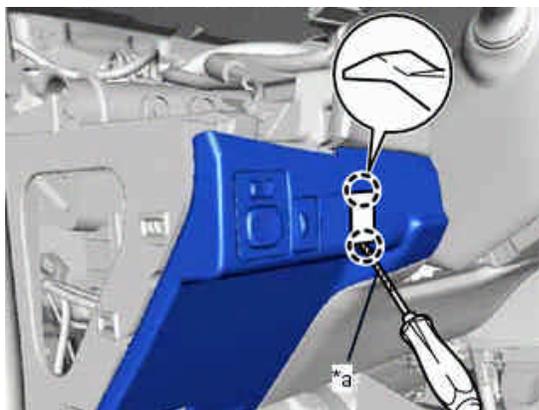
OE Fit Fog Light Kit Instructions: 2014~ Toyota Corolla L, LE

TCO-314 Halogen Lamp & TCO-814 LED Lamp

Rev. 01.22.2014

1. Remove battery from vehicle
2. Route fog light harness 12v **Red** wire through + red terminal cover and secure the ring terminal to the positive battery terminal bolt.
3. Attach the ring terminal with 2 **Black** wires to the 10mm (ground) nut next to the battery
4. Route the fog light wire harness along the driver side from the battery towards the bulkhead of the vehicle. Wire ties as needed
5. Locate the large vehicle harness grommet on the driver side firewall. Cut the auxiliary wiring access nipple off the grommet or cut a slit in grommet. Fish fog light wire harness through grommet. Seal with RTV silicone.
6. Remove the driver's scuff plate and kick panel
7. Remove side instrument panel.
8. Remove left side switch panel: Remove switch knockout, then remove screw and claws securing panel (pictures 1A and 1B)

10. Locate wires that were pushed through the grommet (above gas pedal). Route harness to reach to left of the steering wheel
11. Push the white connector into the white wire pin. Connect the switch harness to 2 bullet and one white connector
12. Install a *Black T-tap* to the headlight circuit connector 3A pin 34, *black wire*. Connect the **orange/black** wire (low beam interlock). Conn. 3A is left of steering wheel at the main junction block (pictures 3a ~ 3d)

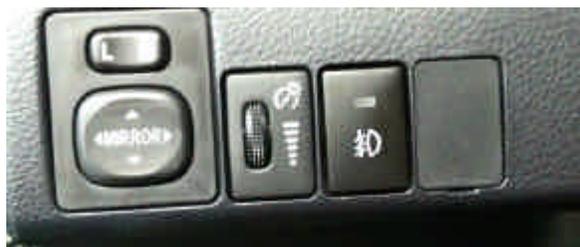


Picture 1A

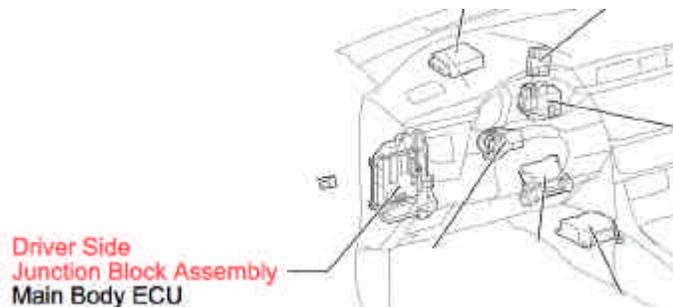


Picture 1B

9. Use an empty switch knock out on left panel, to mount fog lamp switch (picture 2)



Picture 2



Picture 3a

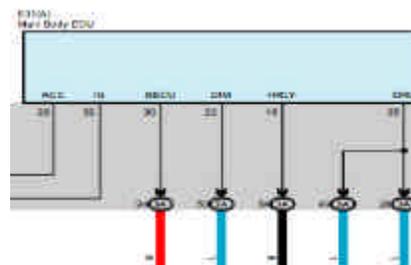


Orange-black wire from Fog Light harness to pin 34 (black wire)

Picture 3b Connector 3A, pin 34



Picture 3c



Picture 3d: Headlight circuit

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13. Secure black relay box and excess wire to main wire harness.
14. Attach black -12V wire to grounding screw located behind kick panel
15. Reinstall all panels and connectors inside car, including fog light switch connector

ENGINE COMPARTMENT

16. Remove two 12mm bolts holding top radiator supports. Run harness along top of radiator and wire tie at each end. Reinstall radiator supports. Run harness down right and left sides.
17. On the driver side, remove the high beam bulb by turning it counter-clockwise. **Caution:** Do not touch glass part of bulb (hold from base)
18. Connect the supplied 9005 jumper harness between the high beam harness and the high beam bulb (picture 4).



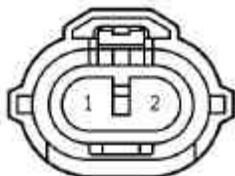
Picture 4

19. Reinstall bulb into headlamp
20. Plug white wire from jumper harness into white wire of fog light harness. Wire tie excess wires behind headlamp.
21. From under the car, remove driver side lower splash shield (2 screws & 1 push-pin)
22. Remove fog light opening covers (picture 5)



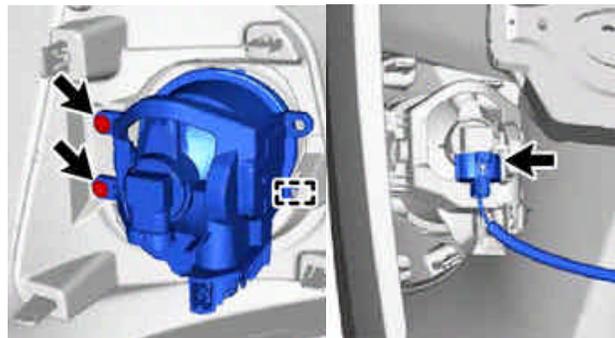
Picture 5

23. **LED fog light kits only:** wires may not seated into connectors. Push the negative wire (black or black/white) into pin 1 White/black wire. Push positive wires (red or red/white) into pin 2. (Picture 6).



Picture 6

24. Insert one side of the lamp assembly into the plastic sleeve and secure other side with factory screws. Plug socket into light bulb (picture 7). Repeat for other side.



Picture 7

25. Reattach the lower splash shields.
26. Reinstall battery. Torque terminals to 61 in/lbs.

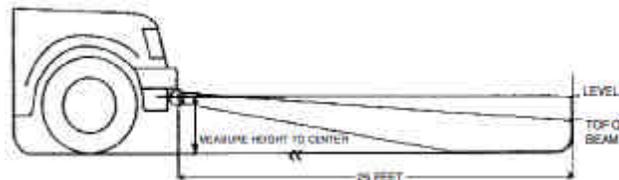
Check Operation: Fog lights should illuminate only when the low beam headlamps are "ON," and will NOT work when the high beams are "ON"

Fog Light Aiming

Fog lights are usually mounted in the front bumper, 10-24 inches from the ground. Important objectives: (1) minimize the amount of return glare into the driver's eyes, (2) minimize the glare into oncoming drivers' eyes, (3) put as much light as possible on the road.

These aiming instructions are suggestions taken from common height practice and the S.A.E. standard J583.

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 (see picture 8)



Picture 8

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