

Part Number: 00016-32225

Accessory Code: LF10



Conflicts

Note: Can not use with TMS/SET Blue Logic (only one switch position available)

Kit Contents

Table with 3 columns: Item #, Quantity Req'd., Description. Rows include Fog Lamps, Fog Lamp's bezels, and Switch Assembly.

Hardware Bag Contents

Table with 3 columns: Item #, Quantity Req'd., Description. Rows include Wire harness, Switch harness, SPST Relay, SPDT Relay, Relay socket, Wire ties, Phillip head screws, T-Taps, and 3 ft. Split loom tubing.

Additional Items Required For Installation

Recommended Tools

Table listing recommended tools and chemicals: Safety Tools (Safety Glasses, Electrical Tape), Installation Tools (10mm Wrench, Phillips Screw Driver, Pliers, Side Cutters), Special Chemicals (3M Silicon Sealant).

Color Applicability/Trim Level

Grid for color applicability/trim level. Y-axis: Accessory Color, Vehicle/Trim Color. X-axis: 15 empty columns.

General Applicability

Empty table for general applicability.

Recommended Sequence of Application

Table with 3 columns: Item #, Accessory, and an empty column. Rows 1-3.

Mandatory Legend

Legend

Legend box containing symbols and definitions: STOP (red octagon), OPERATOR SAFETY (red cross), CAUTION (yellow triangle), TOOLS & EQUIPMENT (blue wrench), REVISION MARK (black double vertical bars), SAFETY TORQUE (white triangle with S).

SPECIAL NOTE: Installation Sequences

After TMS and Safety mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure quality installation. These guidelines can be found in the Accessory Installation Practices document.

This document covers such items as:

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc)
- Safety (eye protection)
- Vehicle Disassembly / Reassembly (panel removal, part storage, etc)

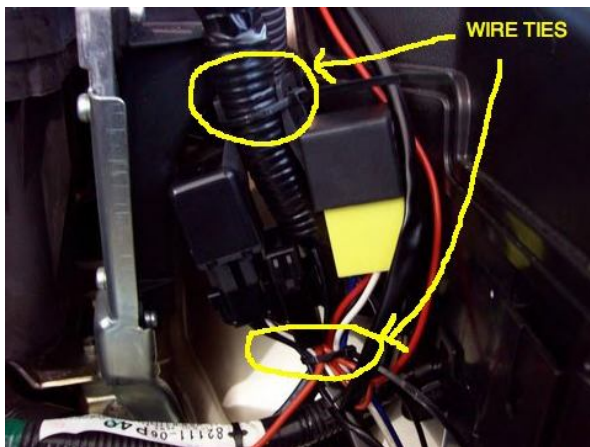
Preparation



Remove the battery from the vehicle

Installation

1. Secure the 2 Relays to the wire loom next to the Battery with wire ties. Secure top and bottom with wire ties (see Picture 1).
2. Attach a T-Tap to the high beam yellow wire (see picture 3)



Picture 1

3. Attach a T-Tap to the low beam brown wire (see picture 2)



Picture 2

4. Attach the switch relay's white wire to the high beam T-Tap (see picture 3)
5. Attach the switch relay's blue wire to low beam T-Tap



Picture 3

6. Secure the ground (black) terminal of each relay to the 10mm bolt next to the relays (see picture 4)



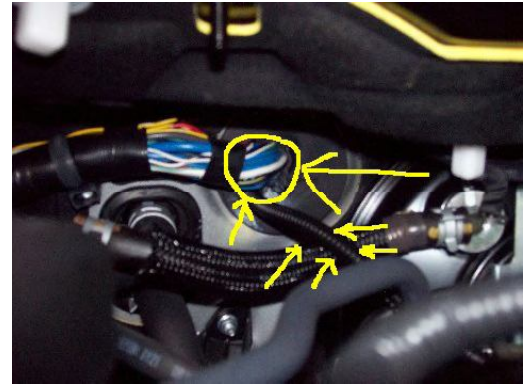
Picture 4

7. Connect the fog light relay's red wire to the positive terminal of the battery
8. Install split loom tube over the long red and the long white wires from relays to fire wall. Secure loom over wires every few inches with electrical tape (see picture 5).



Picture 5

9. Locate the large vehicle harness grommet on the left side. Cut the auxiliary wiring access nipple off the grommet and push both wires through. Seal with 3M Silicone sealant (see picture 5.A)



Picture 5A

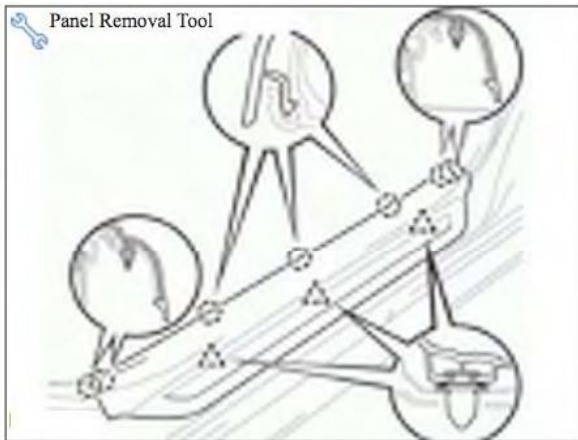
10. Run the split loom tube with all wires on the driver side of the car. Use 8" wire ties as needed (see picture 5B and 5C)



Picture 5B

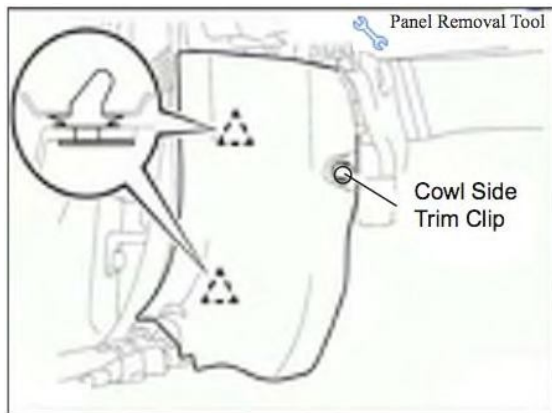
Vehicle Disassembly

11. Remove driver side door scuff plate
 - a. Disengage with panel tool and remove (see picture 6)



Picture 6

12. Remove the driver side cowl side trim (see picture 6A)
 - a. Unscrew the cowl side trim clip
 - b. Disengage two (2) clips and remove the cowl side trim



Picture 6A

13. Remove the finish panel covering the knee airbag
 - a. Remove bolt located on the lower left corner of the finish panel using a 10mm ratchet/socket (see picture 7)



Picture 7

- b. Remove the Phillips screw located on the bottom right corner of the finish panel (see picture 7A)



Picture 7A

- c. Using your hands, gently pull out the finish panel to disengage the six (6) clips and four (4) claws (see picture 7B)



Picture 7B

NOTE: Start from the bottom and work your way up

- d. Disconnect all connectors

14. Remove hood latch cable by sliding the plastic end to the right to release it from the lock (see picture 8)



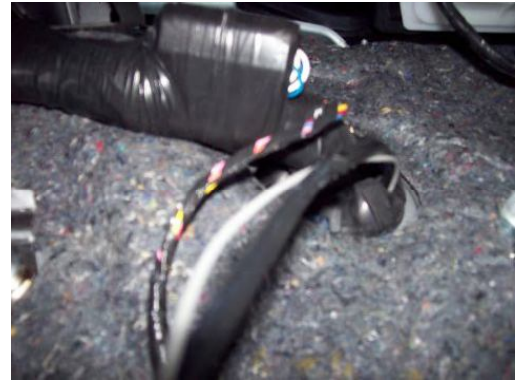
Picture 8

15. Mount switch into switch knockout on left side of dash (see picture 9)



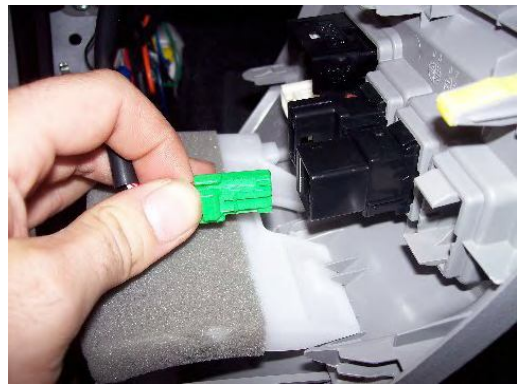
Picture 9

16. From inside the cabin locate the switch wires that were pushed through in step 9. It will be the grommet above the gas pedal (see picture 10)



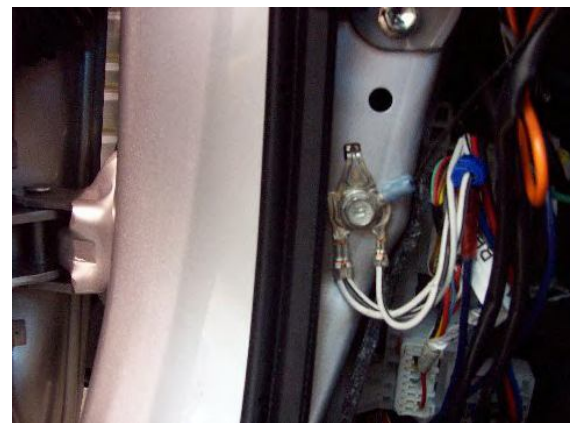
Picture 10

17. Install switch harness (see picture 11)



Picture 11

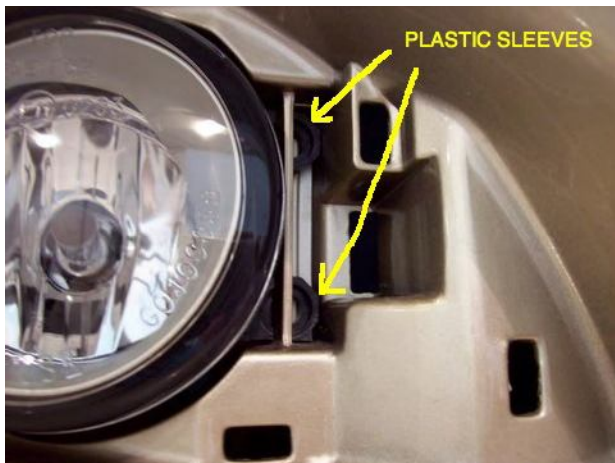
18. Secure ground (black) wire to bolt in kick panel (see picture 12)



Picture 12

19. Connect the white wire of switch harness to the white wire of fog light harness

20. Connect the red wire of switch harness to the red wire from switch relay harness. Secure with 4 supplied 4" wire ties.
21. Reinstall dash panels
22. Route the fog light wire under car.
23. Remove fog light cover plates and lower splash shields on both sides
24. Insert one side of the fog light into the plastic sleeve and secure other side with supplied Phillip screws (see picture 13)



Picture 13

25. Snap on both fog light bezels (see picture 14)



Picture 14

26. Plug in left side fog light into harness plug and secure with wire ties

27. Run right side of wire harness under skid plate and secure with wire ties (see picture 15)



Picture 15

28. Run the wire to the right side of vehicle and plug into right fog light. Install 8" wire ties to secure to vehicle
29. Reattach the lower splash shields
30. Reinstall and connect battery

Check System for Operation

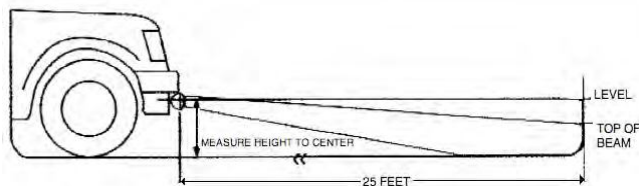
1. Reconnect battery negative terminal
2. Turn on headlamp low beams, then press fog light switch to "ON" position. Fog lights should be working. Fog lights will only work when the low beam headlamps are "ON". Fog lights will NOT work when the high beam headlamps are "ON"

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 driver's 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 (see picture 14)



Picture 14

Checklist – these points MUST be checked to ensure quality installation

Check

Accessory Functions Checks

- Fog Lights function
- All Panels snapped into place.....
- Fog Lights.....
- Battery Terminal.....

Vehicle Function checks

- Check functions all switch functions

Look For:

- Loose panels and switches
- Visually confirm lights are straight forward
- Re-torque negative battery terminal to 36 in-lb

VEHICLE FUNCTION CHECK

AFTER ALL PANELS, COVERS AND COMPONENTS THAT WERE REMOVED HAVE BEEN REINSTALLED, TEST THOROUGHLY ALL MECHANICAL AND ELECTRICAL COMPONENTS DISCONNECTED AND/OR REMOVED FROM THE VEHICLE DURING THE INSTALLATION OF THIS ACCESSORY