

Part Number: TRA-501



Kit Contents

Item #	Quantity Reqd.	Description
1	2	LED DRL housings
2	2	Bezels
3	1	Driver Box
4	1	Harness bag
5	1	User's card
6	1	Switch

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	1	Hood Wire Harness
2	1	Cabin Wire Harness
3	25	8" Wire ties
4	2	1 Black/1Red T-Taps
5	1	14" wire tie
6	1	Relay
7	2	DRL Connectors
8	4	Phillip Head Screws

General Applicability

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Conflicts






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Recommended Tools

Safety Tools	
Safety Glasses	
Protective tape	
Electrical Tape	
Installation Tools	
10mm Wrench	
Phillips Screw Driver	
Pliers	
Panel Tool Removal	
Side Cutters	
Torque Wrench	
Special Chemicals	
3M Silicon Sealant	

Mandatory

Legend

	STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.
	OPERATOR SAFETY: Use caution to avoid risk of injury
	CRITICAL PROCESS: Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation
	TOOLS & EQUIPMENT: This calls out the specific tools and equipment required for this process
	REVISION MARK: This mark highlights a change in installation with respect to previous issue.

<p>SPECIAL NOTE: After Auer Automotive 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. Also some items listed to be removed may not need to be removed if caution is taken to not damage vehicle.</p>

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.

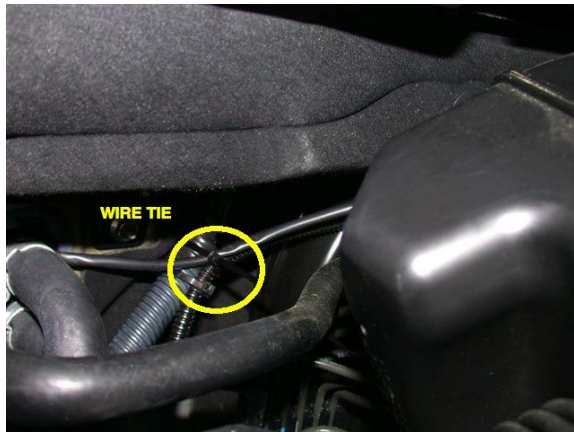
Preparation



Remove negative battery terminal

Installation

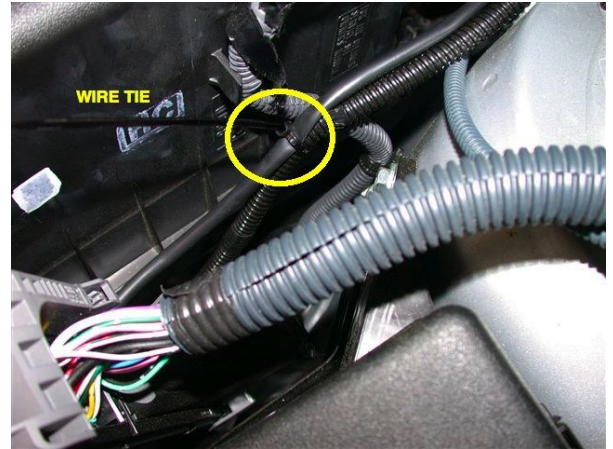
- From front of vehicle, run the DRL's wire harness on the driver side from the battery towards the firewall of the car. Use wire ties as needed (pictures 1A, 1B and 1C)



Picture 1A



Picture 1B



Picture 1C

- Locate the heater hose grommet on the left side. Cut 1/4" slit in grommet and push the red, black, black-white and red-white wires through firewall. Note: Extra caution should be taken not to damage the pins. Seal with 3M Silicone sealant (picture 2)



Picture 2

Vehicle Disassembly

- Remove rocker molding panel
- Remove driver side kick panel

5. Remove left lower access panel below switches
6. From underneath the left panel, push out the switch knockout. Connect terminals to switch and mount switch into switch knockout on left side of dash (picture 3 & 4)

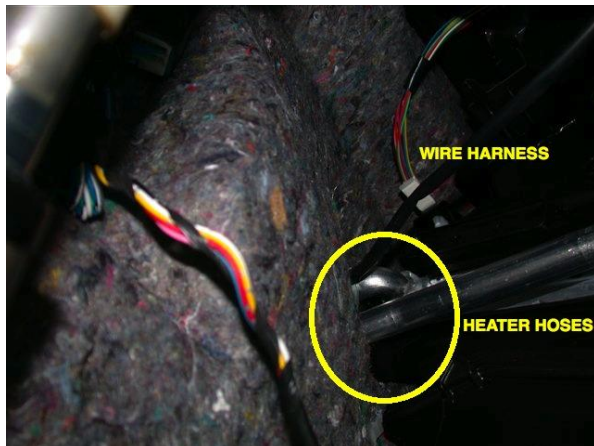


Picture 3



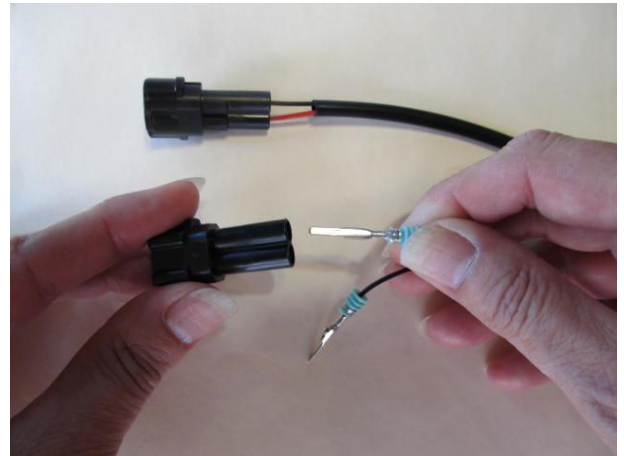
Picture 4

7. From inside the cabin, locate the wires that were pushed through in step 2 (picture 5)



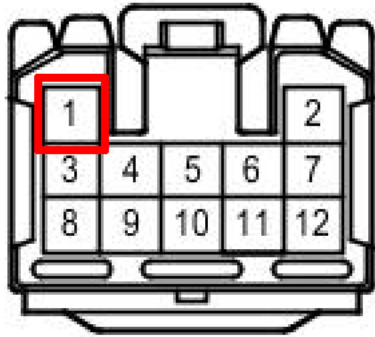
Picture 5

8. Route the wire harness to reach the lower part of the steering wheel
9. Push the pins into the connectors supplied in kit. Make sure that the wire colors of the connectors are aligned with the wire colors of the driver box: black with black and red with red, etc (picture 6)

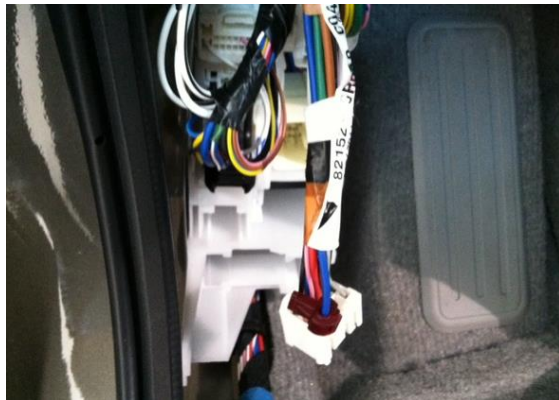


Picture 6

10. Connect the driver box to the wires assembled in step 9 (make sure wire colors are aligned).
11. Secure driver box with 15" wire on back side of dash
12. Route the wires through the steering column. Use wire ties as needed
13. T-tap the red wire from DRL harness to connector HE-1 pin 1, blue wire. Connector HE-1 is located in the kick panel (pictures 7 and 8)

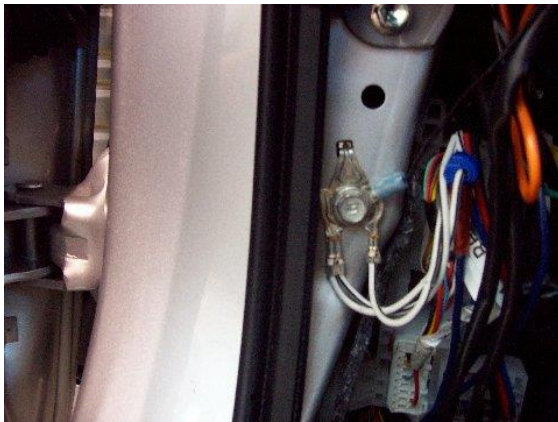


Picture 7



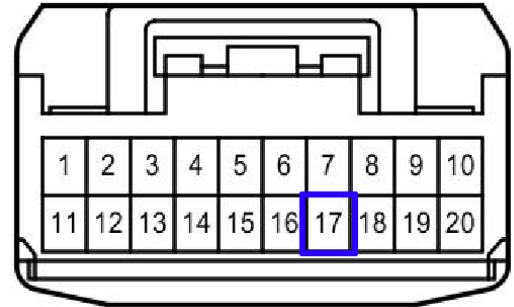
Picture 8

14. Connect the black wire from DRL to ground location in the kick panel (picture 9)



Picture 9

15. T-tap the blue wire from DRL harness to connector E12 pin 17, red wire. Connector E12 is located on left side of the steering wheel column (pictures 10 and 11)



Picture 10

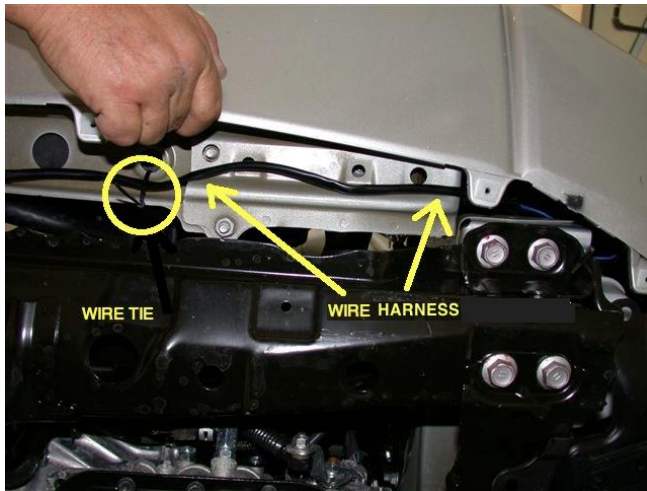


Picture 11

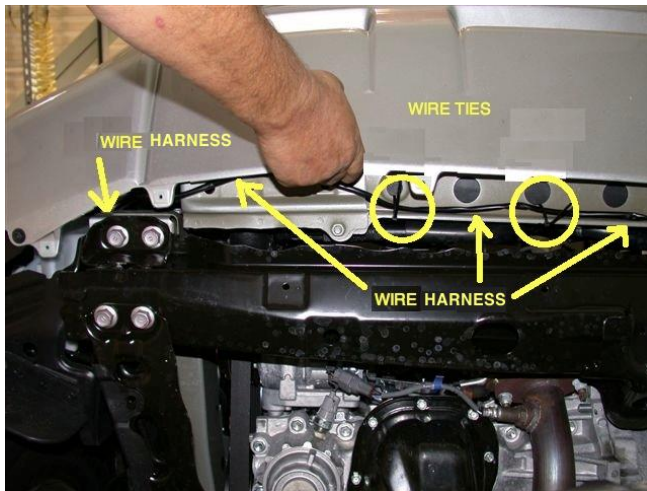
16. Secure relay and any excess wire to main wire harness with supplied wire ties
17. Reinstall dash panels and connectors

ENGINE COMPARTMENT

18. Remove lower splash panels
19. On the left side of the vehicle, drop wire harness to reach the left fog lamp compartment. Route the DRL wire harness under the car to the right side of the vehicle. Use wire ties as suggested in pictures 12 and 13



Picture 12



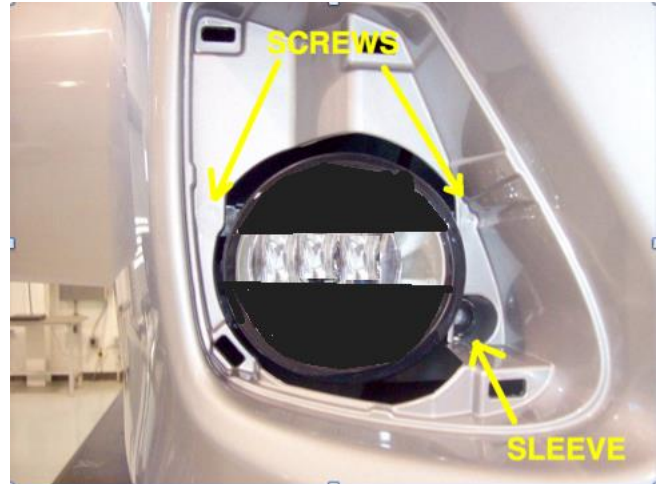
Picture 13

- 20. Remove fog light cover plates on both sides of vehicle (picture 14)



Picture 14

- 21. Insert one side of the DRL housing into the plastic sleeve and secure with 2 supplied Phillip screws (picture 16). Repeat this step for other side of vehicle.



Picture 16

- 22. Plug in left side DRL into harness plug and secure with wire tie to factory harness
- 23. Plug in right DRL into harness plug and secure with wire tie to factory harness
- 24. Snap on both bezels (picture 17)
- 25. Reinstall splash panels



Picture 17

- 26. Reconnect negative battery terminal. Torque terminal to 36 in-lbs.

Checklist – these points MUST be checked to ensure quality installation

Check System for Operation

1. DRL will work at full power when ignition switch is ON. DRL will dim out to DOT specifications when lights are ON.
2. If DRL switch position is off, DRL will not work at any time

Check

Accessory Functions Checks

- DRL function.....
- All Panels snapped into place.....
- Battery Terminal.....

Vehicle Function checks

- Check functions all switch functions

Look For:

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- Loose panels and switches
 - Re-torque battery terminals to 36 in/lbs.

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