

LED DAYTIME RUNNING LAMPS

260-1004-FJ2 Installation Instructions

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Parts Identification

Item	Qty.	Service Part Number	Description
1	1	260-1004-FJ2	LED Daytime Running Lamp System
2	1	N/A	<i>Driving</i> and <i>Fog</i> lamp control switches, Mounting hardware
3	1	N/A	<i>Driving</i> and <i>Fog</i> lamp harness
4	1	N/A	Relay mounting bracket
5	1	N/A	<i>DRL</i> ballast module and relays
6	1	N/A	<i>DRL</i> , <i>Driving</i> , and <i>Fog</i> lamp extension harness



Vehicle Preparation

Before beginning your installation, familiarize yourself with the installation instructions and the DRL system components.

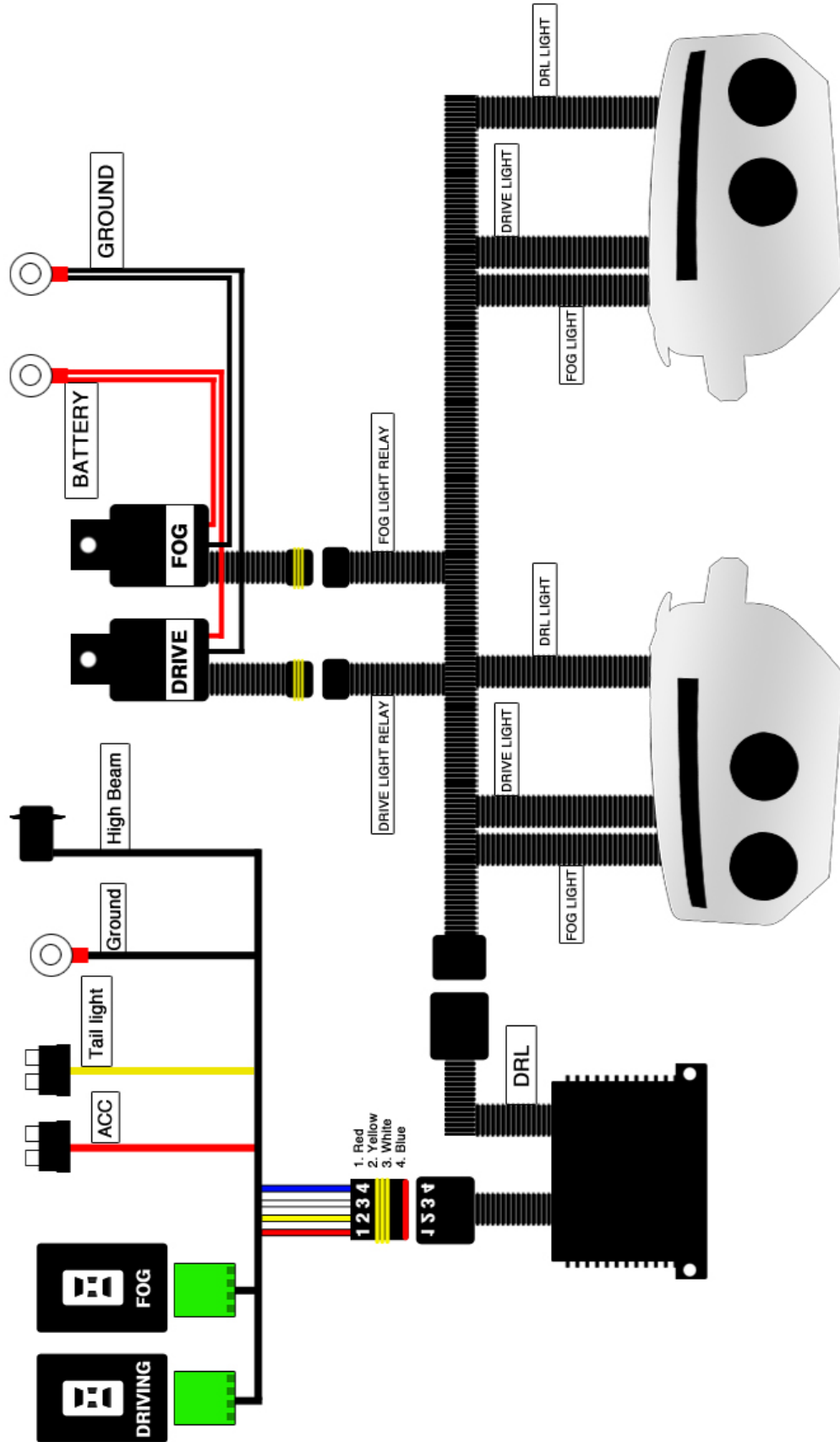
To ensure your safety, **(A)** apply the emergency brake and **(B)** read this entire manual before beginning.



CAUTION: It is advisable to disconnect the negative battery cable for 3 minutes before beginning installation, to avoid unintended air bag deployment. Note and record any anti-theft radio codes prior to disconnecting.

Form #5307, 1-2-2013

System Layout



Installation

FJ DRL: STEP—1



Remove the two screws underneath dashboard trim.

Step 2



Remove the trim being careful not to damage its clips.

Step 3

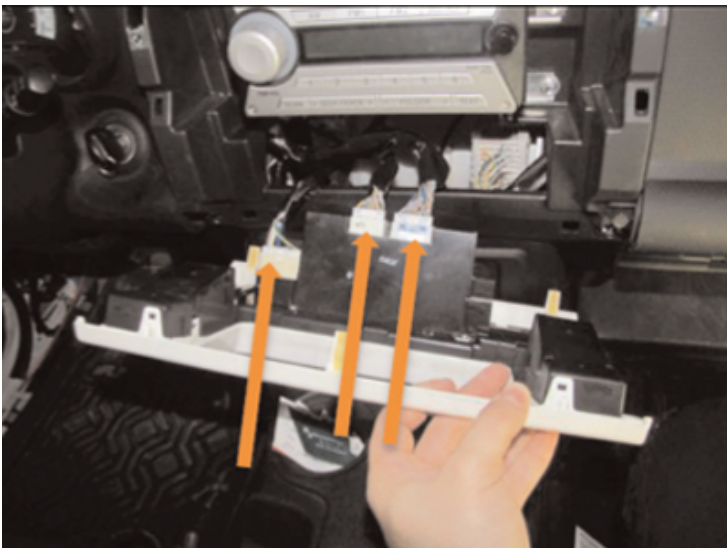


Remove the screws holding the radio trim in place.

Step 4



Remove radio trim by releasing upper and lower clips.



Unplug A/C controls and remove control panel.



Remove two leftmost dashboard blanks.



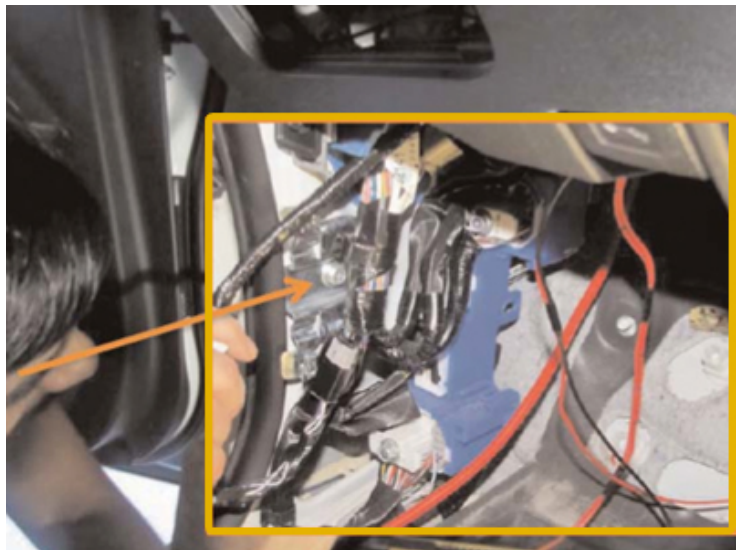
Route green *Driving* and *Fog* harness (3) plugs behind panel to connect to *Driving* and *Fog* control switches.



After inserting *Driving* and *Fog* lamp switches, route harness (3) to driver's side firewall area.

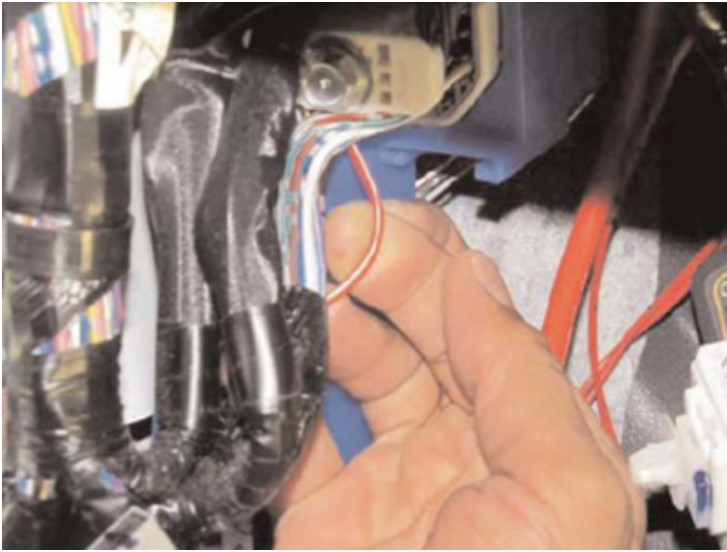


Connect the *Tail light* and *ACC* dual fuse holders to the tail lamp fuse and an accessory power circuit on the fuse panel, respectively.



Connect the *Ground* eyelet from harness (3) to the common ground behind the kick panel on the driver's side.

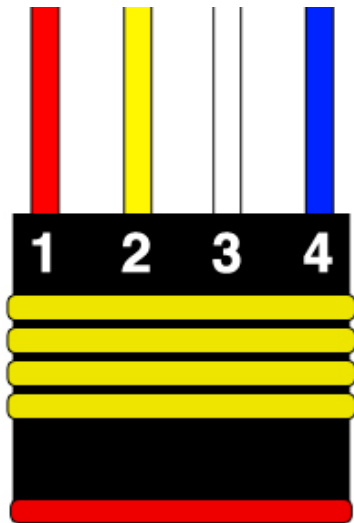
Note: The dual fuse holders on harness (3) **MUST** have two fuses in them or the DRL system will not operate.



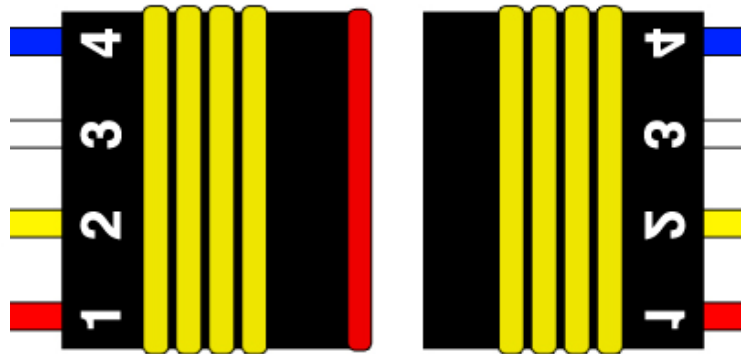
Connect the *High Beam* quick connector on harness (3) to the high beam wire behind the driver's side kick panel. Typically a red with a white stripe wire.

Route the four bullet connectors, ground eyelet, and high beam connector on harness (3) through the driver's side firewall grommet.

Note: Installer must verify 12 volts of power on the high beam wire when high beams are switched on or the DRL lamps will not reduce in brightness, which could negatively impact other drivers on the road at night.



- 1) Red
- 2) Yellow
- 3) White
- 4) Blue



1) Red, 2) Yellow, 3) White, 4) Blue

Release red retainer from spare female 4-pin connector (2) and insert bullet ends as listed above.

Connect the 4-pin connector (2) with the bullet connectors inserted to the 4-pin connector from the DRL ballast module.

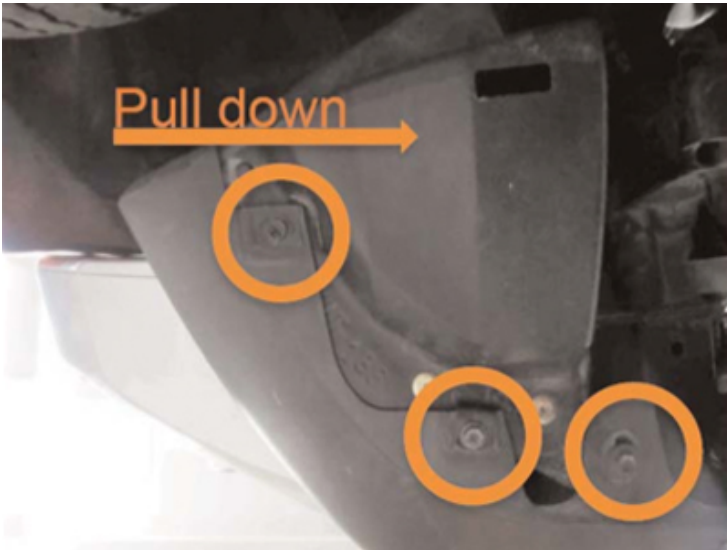
Note: Installer must verify that they are connecting to the proper 4-pin connector from the ballast module by confirming that the wire colors on each of the harnesses match at the connector itself (red with red, blue with blue, etc...).



Using the supplied hardware package (2), attach the DRL ballast module and relays (5) to the supplied bracket (4).



Mount the supplied bracket (4) to the driver's side fender well as above.



Before removing the vehicle's bumper end-caps, remove the three screws underneath the bumper holding them in place.



Once the three screws have been removed, reach your hand behind the bumper end-caps and release the quick release tabs.

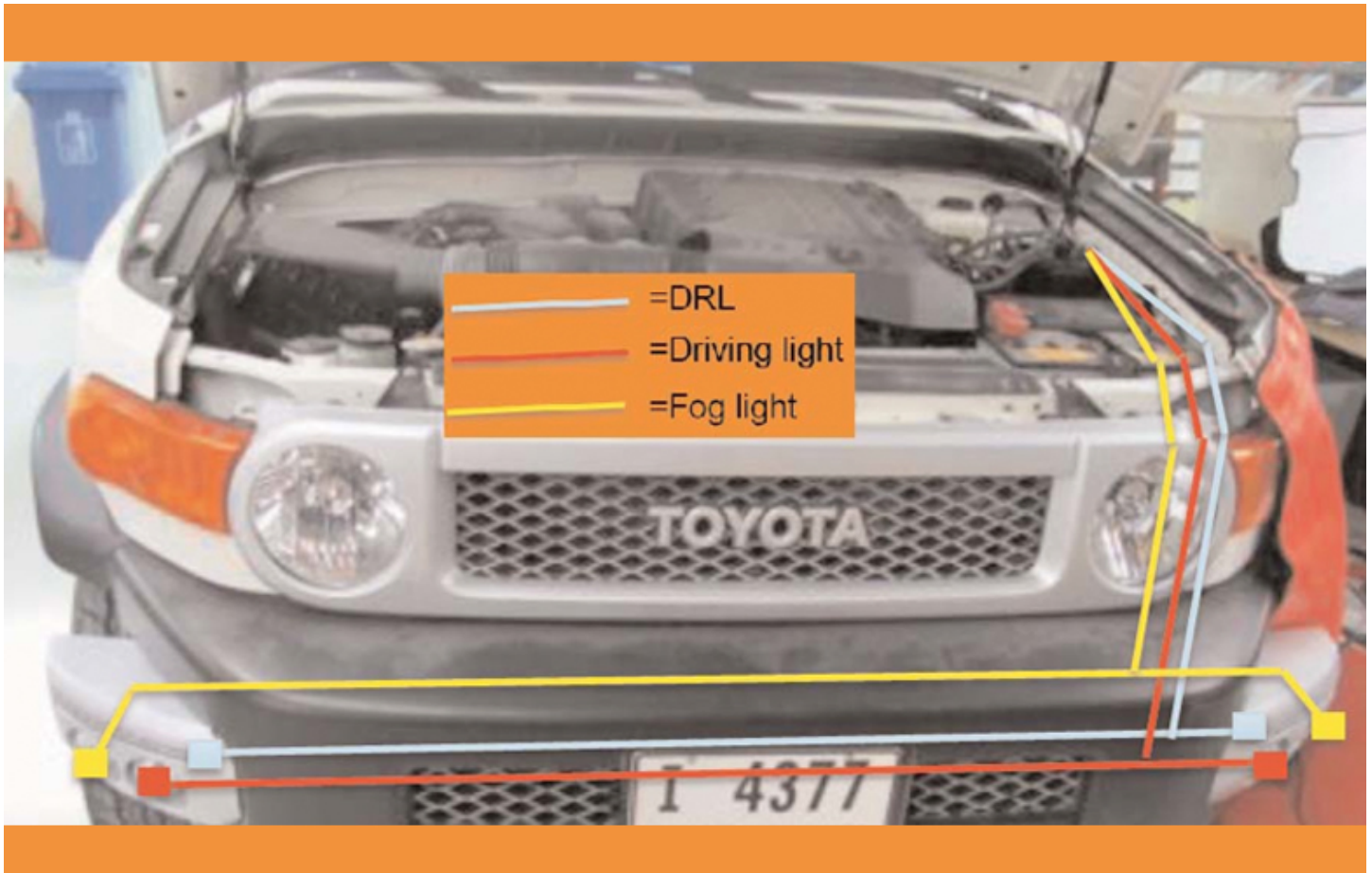
Note: A trim tool or small, flat-head screwdriver may be necessary to release the tabs from the factory bumper end-caps.



Using a step bit or other holesaw, drill a 30mm hole in the bumper that will allow the wire harnesses to pass through it.



Once the 30mm hole is drilled, route the supplied extensions harness (6) from the relays/ballast module to the front left and right DRL lamps (see below). Use the supplied cable ties to fasten them securely in place.



Note: Installer should match the labels from the extension harness (6) to the labels on the *DRL*, *Driving*, and *Fog* lamps to verify proper connections.

Testing and Reassembly

Testing

1. Reconnect the negative battery cable and torque to 3 ft-lbs.
2. Re-enter any theft deterrent information (if applicable).
3. Turn the ignition switch to the ON position.
4. Confirm DRL illumination with ignition ON, Fog and Driving lamp functionality using the supplied in-dash switches, and decreased DRL intensity when headlamps are switched ON.

Note: If DRL, Driving, or Fog lamps do not power on, re-check all harness connections.

Reassembly

1. Reinstall all trim pieces taking special care to ensure harnesses and wiring connections are properly secured.
2. Make sure no harnesses are bent or pinched by trim pieces.
3. Reconnect all disconnected bulbs and check for function.

Installation Tips

- Confirm proper cable extension connector orientation and always verify proper ends are routed in correct direction.
- It is a good idea to dry-fit all pieces in this kit before permanently attaching them to ensure proper orientation and operation before beginning installation for familiarization with components.
- Always treat any metal exposed during installation with a rust preventative compound to prevent system failure due to rust and/or corrosion.
- Always seal any holes drilled with the provided sealing putty to prevent water infiltration through unprotected areas.
- Confirm integrity of mechanical and electrical connections before moving to next installation sequence.

Notes
