

VEHICLE PREPARATION



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.



VEHICLE PREPARATION



1. PLACE DRL LED LIGHTS INTO RIGHT AND LEFT SIDE TUNDRA PANELS. **FIGURE 1**
2. USE A 10MM WRENCH TO ASSEMBLE THE DRL LED LIGHTS TO THE PANELS WITH THE HARDWARE PROVIDED IN KIT. **FIGURE 2**
3. LIFT THE HOOD. PLACE PROTECTIVE FENDER COVERS ON THE FENDERS.
4. REMOVE THE LOWER LEFT AND RIGHT HEADLIGHT TRIM BY DISENGAGING THE TWO CLIPS AS SHOWN IN **FIGURE 3**.

NOTE: BE CAREFUL NOT TO USE EXCESSIVE FORCE ON THE PANELS WHEN REMOVING THEM. USE A TRIM PANEL TOOL AND PULL OUTWARD FROM THE FRONT OF THE VEHICLE. DO NOT PULL THE PANELS OUTWARD AS THIS MAY CAUSE THE MOUNTING POSTS TO BREAK.

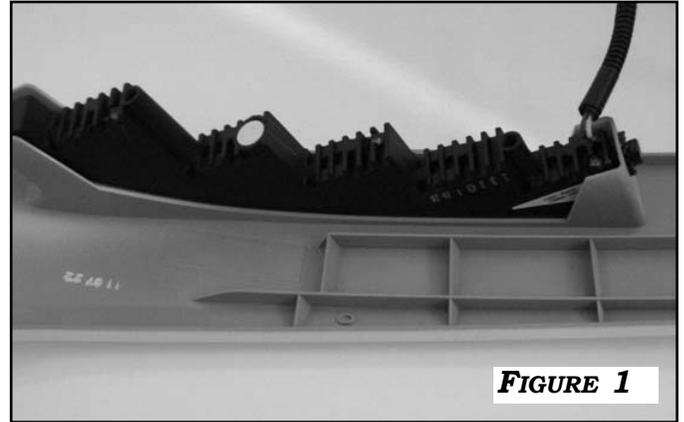


FIGURE 1

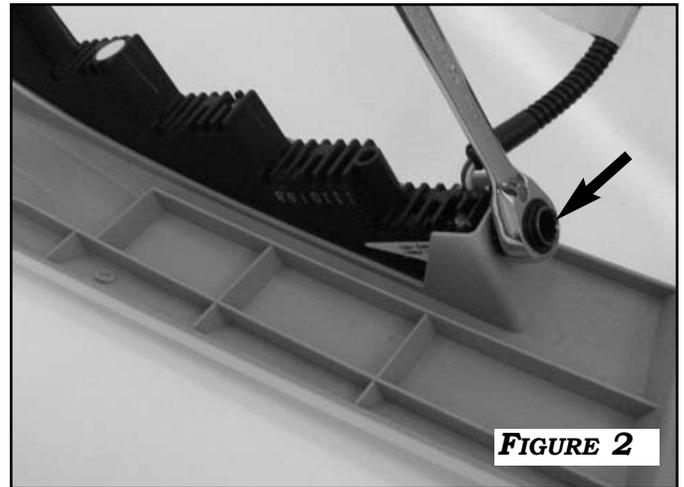


FIGURE 2

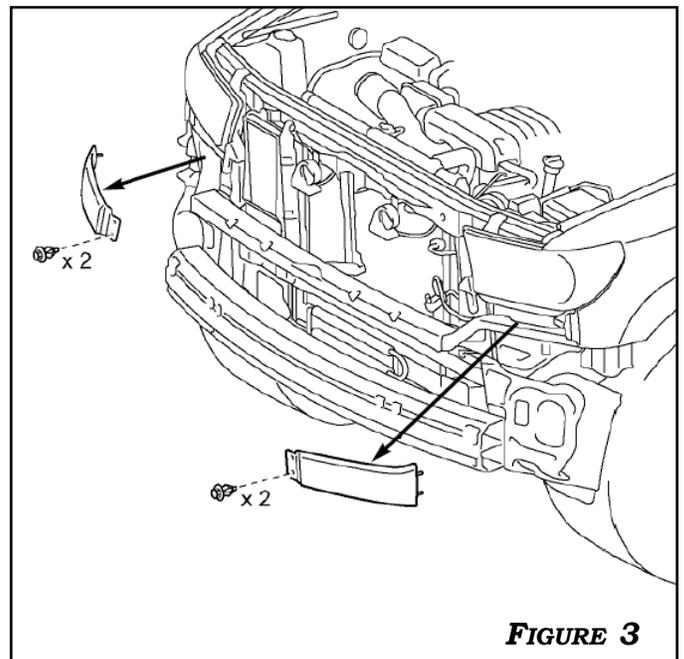


FIGURE 3

INSTALLATION

DRL MOUNTING AND WIRE ROUTING



1. MOUNT THE DRL ASSEMBLIES IN REVERSE ORDER OF REMOVAL OF HEADLIGHT TRIM PANELS. OBSERVE THE PARTS TO MAKE SURE “L” IS MOUNTED ON THE LEFT AND “R” IS MOUNTED ON THE RIGHT. **FIGURE 5**

2. CONNECT THE DRLs TO THE DRL EXTENSION HARNESS AND ROUTE THE HARNESS ALONG THE FRONT BUMPER SO THAT THE 4-PIN WATERPROOF CONNECTOR AT THE END OF THE HARNESS REACHES THE AREA BEHIND THE LEFT (DRIVER SIDE) HEADLIGHT. SECURE THE HARNESS TO THE FACTORY WIRING AND BUMPER STRUCTURE WITH WIRE TIES. **FIGURE 6**



FIGURE 4



FIGURE 5

STEP 2: ELECTRICAL INSTALLATION (SEE FIGURE 7)



1. CONNECT THE SHORT DRL EXTENSION HARNESS TO THE BLACK/WHITE CONNECTOR OF THE CONTROL MODULE AND THE DRIVER'S SIDE DRL.
2. CONNECT THE LONG DRL EXTENSION HARNESS TO THE GREY/WHITE CONNECTOR OF THE CONTROL MODULE AND THE PASSENGER'S SIDE DRL.

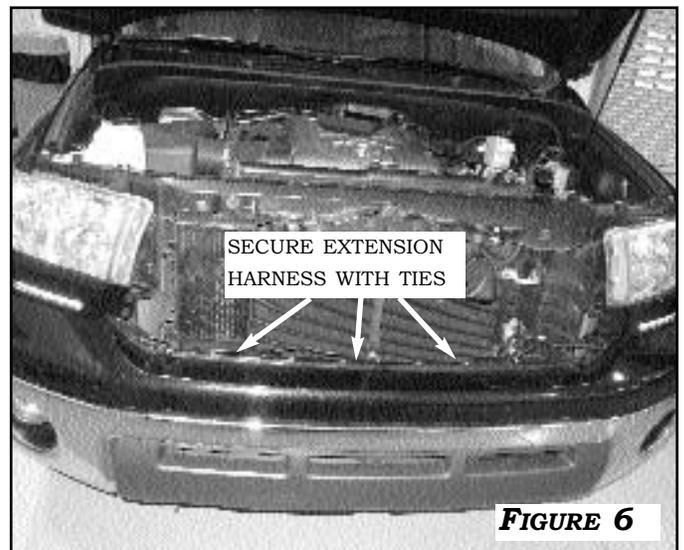


FIGURE 6

INSTALLATION

STEP 2: ELECTRICAL INSTALLATION (CONTINUED) (SEE FIGURE 7)



NOTE: IT IS RECOMMENDED TO SOLDER ALL ELECTRICAL CONNECTIONS AND COVER WITH HEAT SHRINK TUBING, SEE **FIGURE 8**. IF SOLDERING AND HEAT SHRINK TUBING IS NOT AN OPTION, USE THE PROVIDED ELECTRICAL CONNECTORS.

3. SECURE THE CONTROL MODULE IN THE DRIVER'S SIDE OF THE ENGINE BAY USING THE PROVIDED DOUBLE-SIDED TAPE AND/OR HARDWARE. BE SURE TO THOROUGHLY CLEAN THE AREA WITH ISOPROPYL ALCOHOL OR OTHER ACCEPTABLE CLEANER.
4. CONNECT THE POWER HARNESS TO THE CONTROL MODULE.
5. CONNECT RED WIRE FROM POWER HARNESS TO FUSE HARNESS SUPPLIED.
6. CONNECT THE FUSE HARNESS TO +12V IGNITION SOURCE SUCH AS THE CIGARETTE LIGHTER.
7. CONNECT BLUE WIRE FROM POWER HARNESS TO +12V OF HEADLIGHT OR HEADLIGHT SWITCH.
8. CONNECT BLACK WIRE TO VEHICLE GROUND OR NEGATIVE (-) BATTERY TERMINAL.

NOTE: IF THE DRLS ARE LOCATED WITHIN 100MM (ECE R87 STATES 25MM) OF AN INDICATOR LIGHT, THE DRL MUST DIM WHEN THE INDICATOR IS OPERATED. USE THE INDICATOR HARNESS PROVIDED AND CONNECT AS FOLLOWS:

- CONNECT THE RED WIRE OF THE INDICATOR HARNESS TO +12V DRIVER SIDE INDICATOR LIGHT (TURN SIGNAL).
- CONNECT THE BLUE WIRE OF THE INDICATOR HARNESS TO +12V PASSENGER SIDE INDICATOR LIGHT (TURN SIGNAL).

STEP 3: TEST ALL FUNCTIONS



NOTE: MAKE SURE THE DRLS ARE CONNECTED TO THE CONTROL MODULE PRIOR TO RECONNECTING THE BATTERY.



1. RECONNECT THE BATTERY.
2. ENSURE DRLS REMAIN ON WHILE THE ACC POWER IS ON.
3. ENSURE DRLS DIM WHEN HEADLIGHTS ARE TURNED ON.
4. IF USING THE INDICATOR HARNESS, ENSURE DRL DIMS WHEN RESPECTIVE INDICATOR LIGHT IS TURNED ON.

STEP 4: REASSEMBLY



1. REASSEMBLE THE VEHICLE.
2. SECURE ALL WIRES WITH ZIP TIES AWAY FROM THE ENGINE AND ANY SHARP/MOVING OBJECTS.

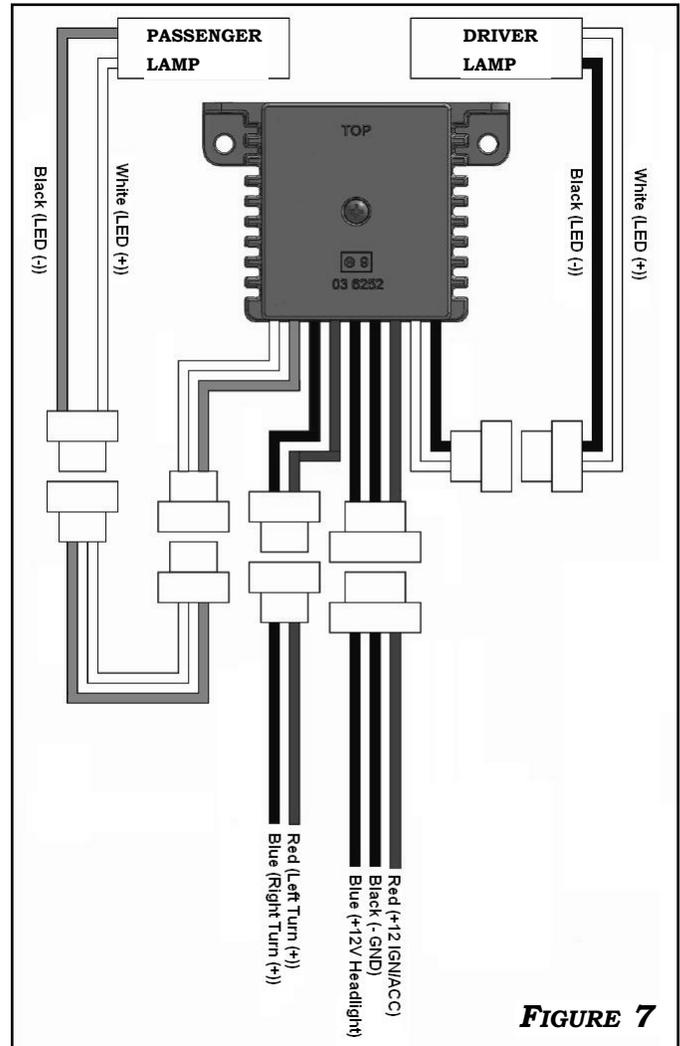


FIGURE 7

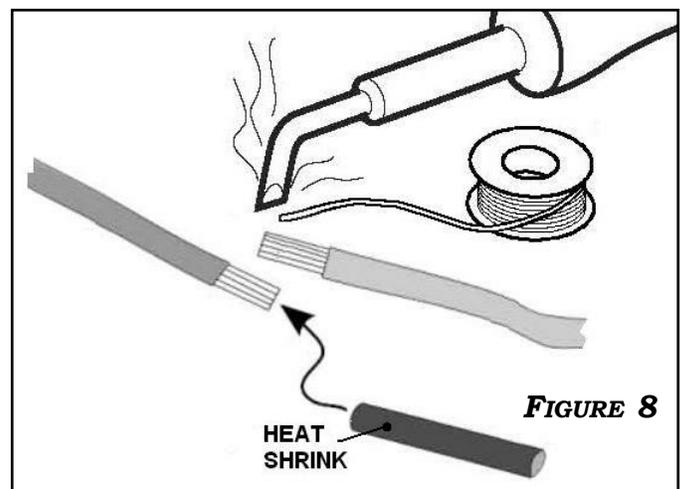


FIGURE 8