



GENERAL APPLICABILITY

ALL MODELS

CONFLICTS

NONE

KIT CONTENTS

| ITEM | QTY | DESCRIPTION |
|------|-----|-----------------------------------|
| 1 | 2 | LED DRL ASSEMBLIES |
| 2 | 1 | DRL CONTROL MODULE |
| 3 | 1 | DRL EXTENSION HARNESS |
| 4 | 1 | DRL SCION xB ILLUMINATION HARNESS |
| 5 | 1 | DRL FUSE ADAPTOR |
| 6 | 1 | DRL CONTROL MODULE BRACKET |
| 7 | 3 | HEX SCREWS, NUTS, WASHERS |
| 8 | 1 | 5 AMP FUSE |
| 9 | 1 | 7.5 AMP FUSE |
| 10 | 10 | WIRE TIES |

RECOMMENDED SEQUENCE OF APPLICATION

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |

* MANDATORY

ADDITIONAL ITEMS REQUIRED FOR INSTALL

| ITEM | QTY | DESCRIPTION |
|------|-----|-----------------|
| 1 | N/A | ELECTRICAL TAPE |
| 2 | | |
| 3 | | |
| 4 | | |

RECOMMENDED TOOLS

| SAFETY TOOLS | |
|-----------------------|--------------|
| | |
| SPECIAL TOOLS | |
| | |
| INSTALLATION TOOLS | |
| FASTENER REMOVAL TOOL | WIRE CUTTERS |
| TRIM REMOVAL TOOL | |
| 8 & 10-MM DEEP SOCKET | |
| POWER DRILL/DRIVER | |
| | |
| SPECIAL CHEMICALS | |
| | |

LEGEND

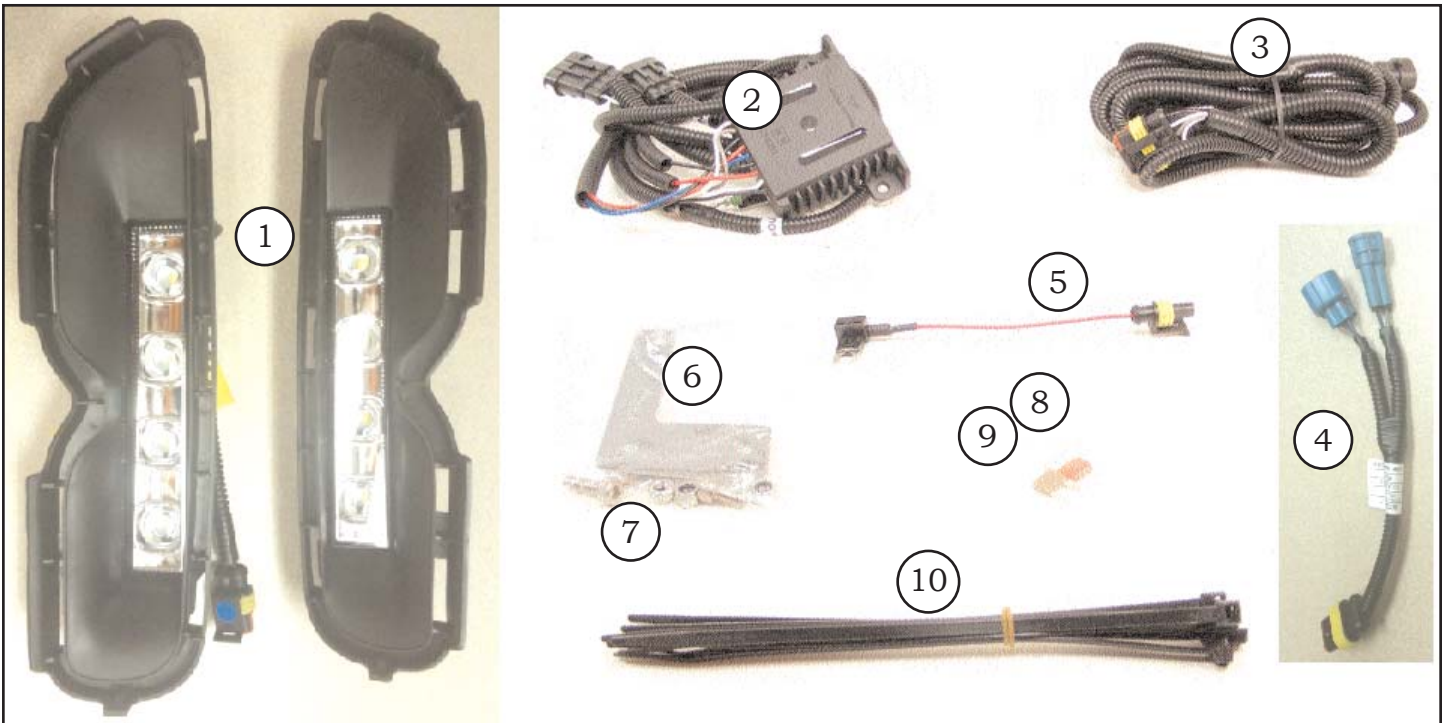
| | |
|--|--|
| | STOP: DAMAGE TO VEHICLE MAY OCCUR. DO NOT PROCEED UNTIL PROCESS COMPLIANCE HAS BEEN MET. |
| | OPERATOR SAFETY: USE CAUTION TO AVOID RISK OF INJURY. |
| | CRITICAL PROCESS: PROCEED WITH CAUTION TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED ON A COMPLETED VEHICLE INSTALLATION. |
| | GENERAL PROCESS: THIS HIGHLIGHTS SPECIFIC PROCESSES TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED DURING THE ACCESSORY INSTALLATION. |
| | TOOLS & EQUIPMENT: THIS CALLS OUT THE SPECIFIC TOOLS AND EQUIPMENT REQUIRED FOR THE PROCESS. |
| | REVISION MARK: THIS MARK HIGHLIGHTS A CHANGE IN INSTALLATION WITH RESPECT TO PREVIOUS ISSUE. |

SPECIAL NOTE: INSTALLATION SEQUENCES

AFTER **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.

PARTS IDENTIFICATION

| ITEM | QTY | DESCRIPTION |
|------|-----|-----------------------------------|
| 1 | 2 | LED DRL ASSEMBLIES |
| 2 | 1 | DRL CONTROL MODULE |
| 3 | 1 | DRL EXTENSION HARNESS |
| 4 | 1 | DRL SCION xB ILLUMINATION HARNESS |
| 5 | 1 | DRL FUSE ADAPTOR |
| 6 | 1 | DRL CONTROL MODULE BRACKET |
| 7 | 3 | HEX SCREWS, NUTS, WASHERS |
| 8 | 1 | 5 AMP FUSE |
| 9 | 1 | 7.5 AMP FUSE |
| 10 | 10 | WIRE TIES |



INSTALLATION



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. LIFT THE HOOD. PLACE PROTECTIVE FENDER COVERS ON THE FENDERS.
2. USING A TRIM TOOL, REMOVE THE LOWER LEFT AND RIGHT TRIM PANELS AS SHOWN IN **FIGURE 1**.

DRL MOUNTING AND WIRE ROUTING



1. MOUNT THE DRL ASSEMBLIES IN REVERSE ORDER OF REMOVAL OF TRIM PANELS. OBSERVE THE PARTS TO MAKE SURE "L" IS MOUNTED ON THE LEFT AND "R" IS MOUNTED ON THE RIGHT. **FIGURE 2**
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 3**

CONTROL MODULE MOUNTING AND WIRE ROUTING



1. ATTACH THE CONTROL MODULE TO THE SUPPLIED MOUNTING BRACKET USING TWO M5 HEX SCREWS, WASHERS, AND LOCK NUTS.
2. MOUNT THE CONTROL MODULE AND BRACKET TO THE CHASSIS OF THE VEHICLE IN THE AREA BEHIND THE LEFT HEADLIGHT AND BESIDE THE BATTERY AS SHOWN IN **FIGURE 4**.
3. CONNECT THE CONTROL MODULE TO THE DRL EXTENSION HARNESS. SECURE THE HARNESS TO OTHER WIRE BUNDLES WITH WIRE TIES.

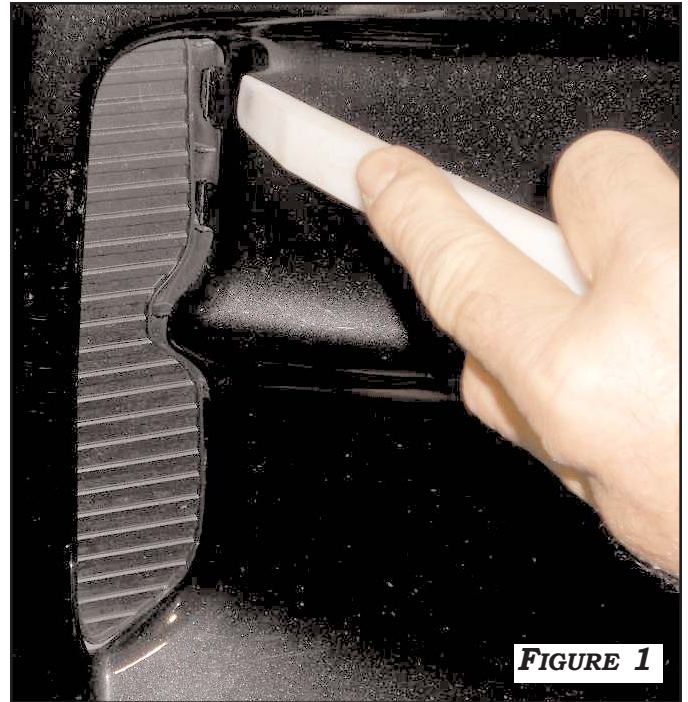


FIGURE 1



FIGURE 2

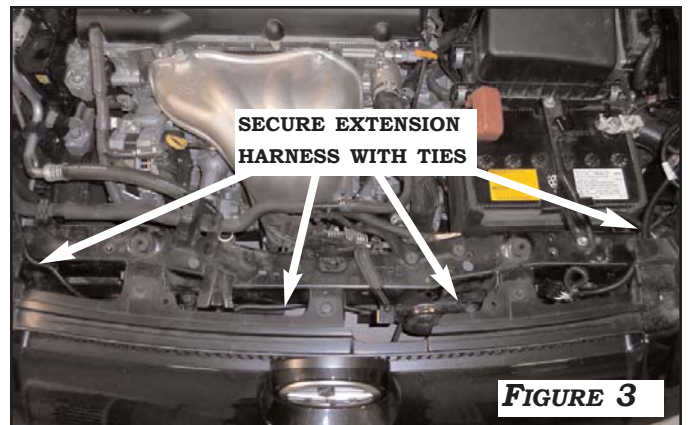


FIGURE 3

INSTALLATION

CONTROL MODULE MOUNTING AND WIRE ROUTING (CONT.)

4. REMOVE THE ENGINE FUSE BOX COVER. REMOVE THE CONNECTOR THAT IS TAPED TO THE END OF THE POWER HARNESS AND SET ASIDE.
5. ROUTE THE POWER HARNESS INTO THE FUSE BOX. IT MAY BE NECESSARY TO DRILL A SMALL, 10MM HOLE IN THE SIDE OF THE FUSE BOX FOR OPTIMAL WIRE ROUTING.
6. SECURE THE HARNESS USING A WIRE TIE.

POWER CONNECTIONS



1. INSERT THE TERMINAL ON THE POWER HARNESS INTO THE SEALED CONNECTOR THAT WAS PREVIOUSLY SET ASIDE.

NOTE THE ORIENTATION OF THE TERMINAL SO THAT IT CLICKS AND LOCKS INTO PLACE. DO NOT FORCE THE TERMINAL. WHEN INSERTED PROPERLY IT SLIDES IN FREELY. **FIGURE 5**

2. CONNECT THE FUSE HARNESS TO THE POWER HARNESS BY MATING THE TWO CONNECTORS.
3. REMOVE THE 7.5A IGNITION FUSE AND PLACE IN SPARE FUSE HOLDER. **FIGURE 6**
4. INSERT THE SUPPLIED 5A AND 7.5A FUSES INTO THE FUSE ADAPTOR HARNESS AS SHOWN IN **FIGURE 7**. ENSURE THAT THE 5A FUSE IS ON TOP AND THE 7.5A FUSE IS ON BOTTOM. ENSURE THAT BOTH FUSES ARE FULLY SEATED INTO THE ADAPTOR.

5. INSERT THE FUSE ADAPTOR HARNESS INTO THE LOCATION WHERE THE 7.5A IGNITION FUSE WAS REMOVED. PUSH DOWN SO THAT IT IS FULLY SEATED. MAKE SURE FUSE ADAPTOR HARNESS IS ROUTED SAFELY AND REPLACE THE FUSE BOX COVER.

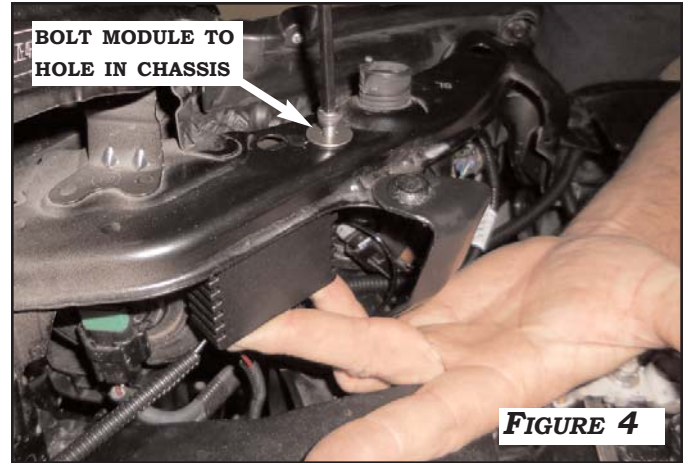


FIGURE 4

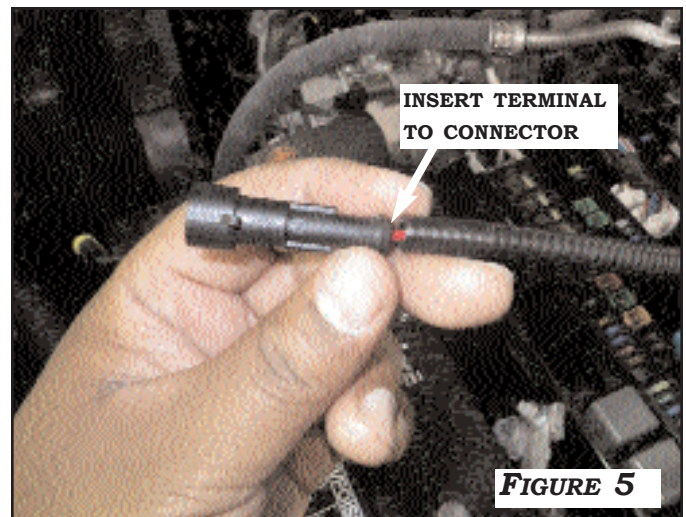


FIGURE 5

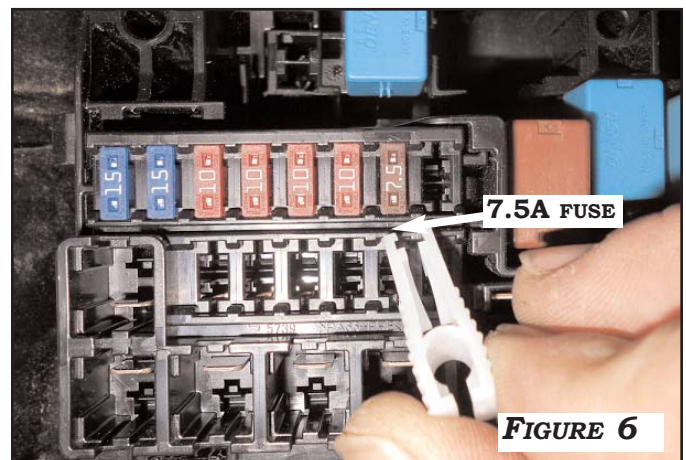


FIGURE 6

INSTALLATION

POWER CONNECTIONS (CONT'D)

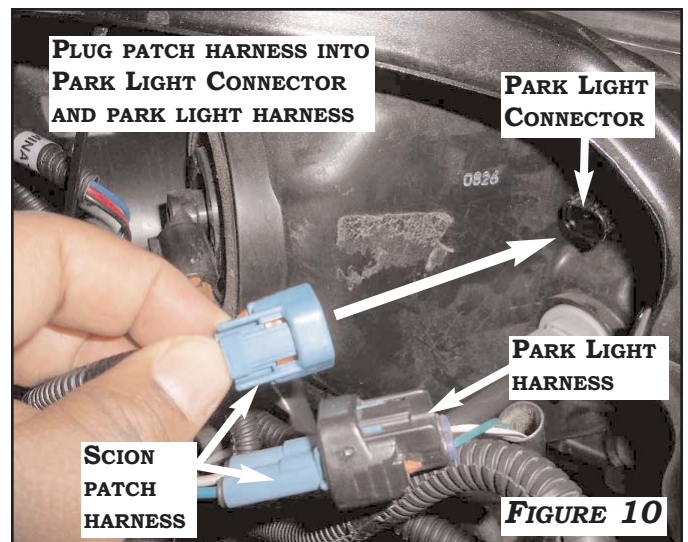
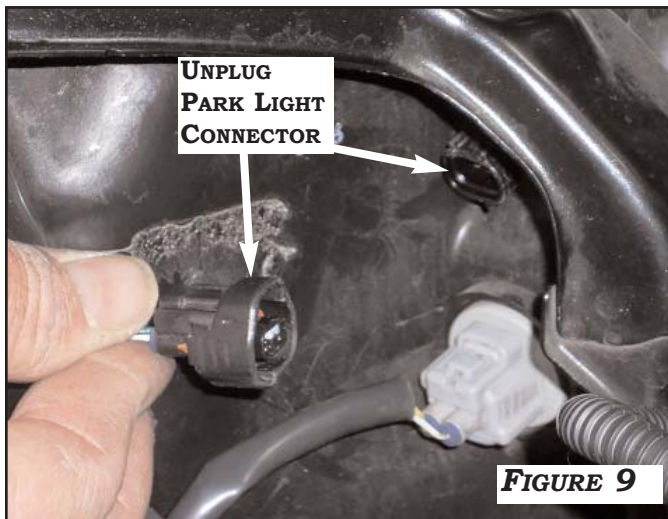
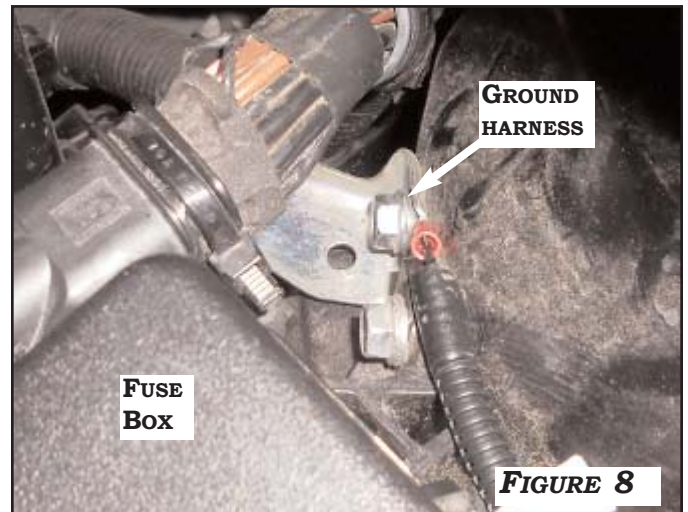
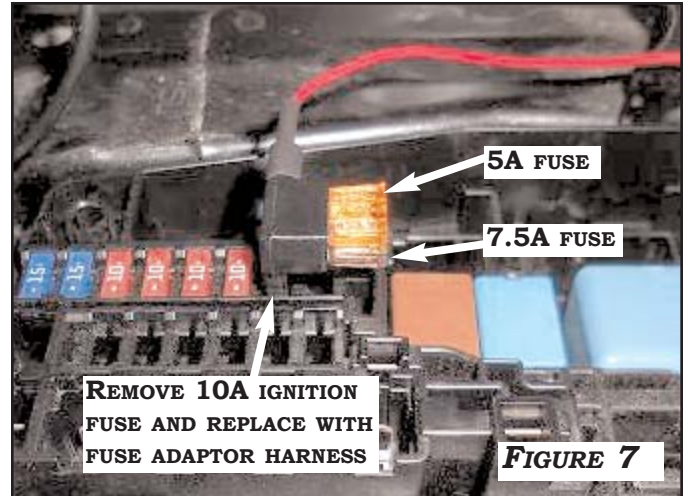


6. LOOSEN THE CHASSIS GROUND BOLT ABOVE THE FUSE BOX AND INSERT THE TERMINAL OF THE GROUND WIRE FROM THE DRL CONTROL MODULE HARNESS. TIGHTEN THE CHASSIS GROUND BOLT. **FIGURE 8**

7. REMOVE THE LEFT PARK LIGHT CONNECTOR. **FIGURE 9**

8. CONNECT THE SUPPLIED SCION DRL PATCH HARNESS TO THE 3-PIN HARNESS FROM THE DRL CONTROL MODULE HARNESS. CONNECT THE SCION DRL PATCH HARNESS BETWEEN THE VEHICLE PARK LIGHT HARNESS AND THE VEHICLE PARK LIGHT AS SHOWN IN **FIGURE 10**.

8. SECURE ALL POWER HARNESSES TO EXISTING VEHICLE WIRE LOOMS WITH WIRE TIES. USE CARE NOT TO ROUTE THE WIRES TOO TIGHTLY, NEAR SHARP EDGES OR PINCH POINTS.



INSTALLATION

TESTING AND REASSEMBLY



1. REINSTALL ALL TRIM PANELS IN THE ORDER OF REMOVAL, TAKING SPECIAL CARE TO MAKE SURE ALL HARNESSES AND WIRING ARE PROPERLY SECURED. MAKE SURE HARNESSES ARE NOT PINCHED OR BOUND BY TRIM PIECES.



2. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO **3 FT LBS**. RE-ENTER ANY THEFT DETERRENT INFORMATION, IF APPLICABLE.

3. **TEST THE DRL FUNCTION.** WITH THE IGNITION **ON**, THE LIGHTS SHOULD BE ON AT FULL POWER. WITH THE PARKING LIGHTS **ON** (OR HEADLIGHTS), THE DRLS SHOULD DIM TO LOW POWER. WITH THE IGNITION **OFF**, THE DRLS SHOULD BE OFF.

FIGURE 11



FUNCTION CHECKS

CHECKLIST- THESE POINTS MUST BE CHECKED TO ENSURE A QUALITY INSTALLATION

ACCESSORY FUNCTION CHECK

| | CHECK: | | LOOK FOR: |
|--|--|--|--|
| | DRL LED ARRAYS (LEFT AND RIGHT) IN DAYTIME MODE | | TURN THE IGNITION TO THE ON POSITION. VERIFY THAT ALL LEDs ARE ILLUMINATED AT FULL POWER. |
| | DRL LED ARRAYS (LEFT AND RIGHT) IN NIGHTTIME MODE | | WITH THE IGNITION ON, TURN THE HEADLIGHT SWITCH TO THE PARKING LAMP POSITION. VERIFY THAT THE PARKING LIGHTS ARE ON AND THAT ALL LEDs ARE ILLUMINATED AT REDUCED POWER. |
| | DRL LED ARRAYS (LEFT AND RIGHT) | | VERIFY THAT ALL LEDs ARE OFF WHEN IGNITION IS OFF. |
| | | | |

VEHICLE FUNCTION CHECK

| | VEHICLE FUNCTION: | | VEHICLE FUNCTION DETAIL: |
|--|---|--|---|
| | IGNITION | | VERIFY THAT THE VEHICLE WILL CRANK. |
| | SRS WARNING LIGHT | | CONFIRM SRS WARNING LIGHT ILLUMINATES FOR APPROXIMATELY 6 SECONDS WITH THE IGNITION ON, AND THEN GOES OUT. |
| | CRUISE CONTROL INDICATOR LIGHT (IF EQUIPPED) | | WITH IGNITION ON, VERIFY "CRUISE" LIGHT ON INSTRUMENT PANEL ILLUMINATES WHEN THE CRUISE POWER BUTTON IS PRESSED. |

KIT SERVICE INFORMATION

| | ITEM: | LOCATION: |
|--|---------------------------|---|
| | 5-AMP IN-LINE FUSE | THE FUSE IS INSERTED IN THE TOP SLOT OF THE DRL FUSE ADAPTOR WHICH IS LOCATED IN THE UNDERHOOD FUSE BLOCK. |