

Part Number: PT944-78150 (Gas)
PT944-75152 (Hybrid)**Kit Contents**

Item #	Quantity Req'd.	Description
1	2	Front Door Sills
2	1	Hardware Bag
3		

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	17	15cm Wire Ties
2	4	Foam Tape
3		

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		
2		
3		

Conflicts

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Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	
Vehicle Protection	Blankets, Parts Boxes
Special Tools	Notes
Panel Removal Tool	i.e. Panel Pry Tool #1
Installation Tools	Notes
10mm Socket & Ratchet or 10mm Wrench	
Torque Wrench	
Screwdriver	Phillip's #2
Side Cutters	
Special Chemicals	Notes
Cleaner	VDC Approved

General Applicability

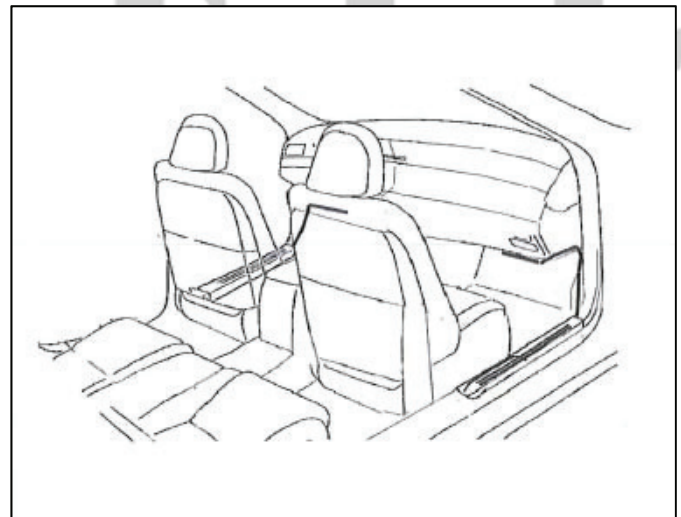
All Models

Recommended Sequence of Application

Item #	Accessory
1	

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
2		
3		

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.**CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.**TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.**REVISION MARK:** This mark highlights a change in installation with respect to previous issue.**SAFETY TORQUE:** This mark indicates that torque is related to safety.

*Mandatory

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 a 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, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

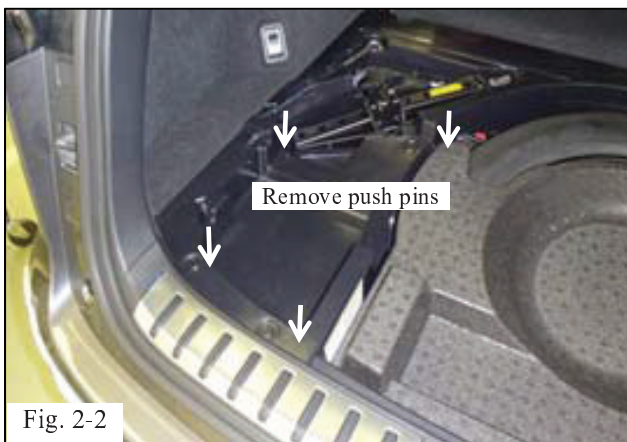
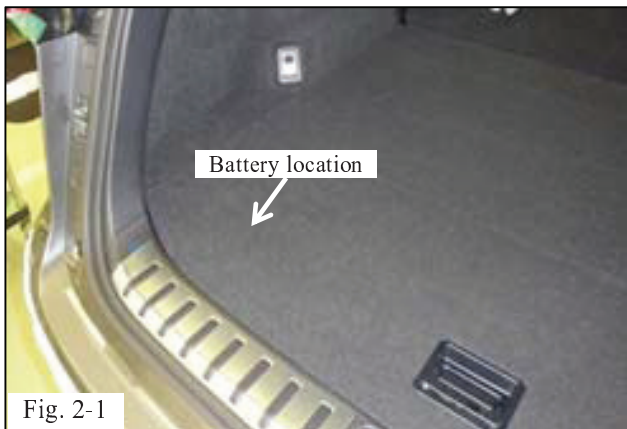
1. Check the Kit Contents.

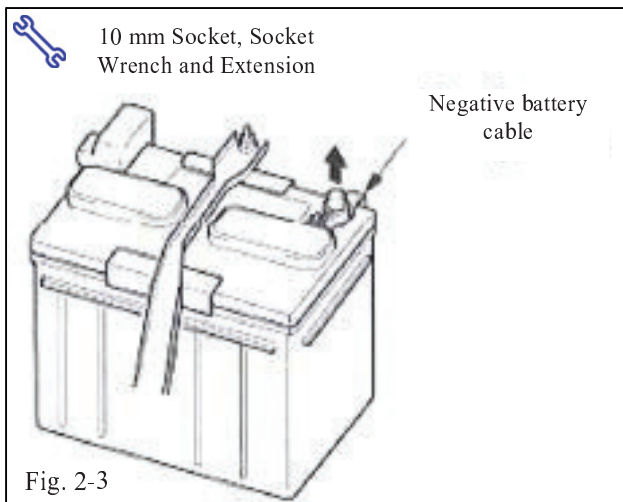
- (a) Verify that all parts are included.
- (b) Check for any damage.

2. Prepare the Vehicle.



- (a) Set the parking brake.
- (b) HYBRID ONLY: Remove the rear deck board and tray to access the battery (Fig. 2-1 & Fig. 2-2).

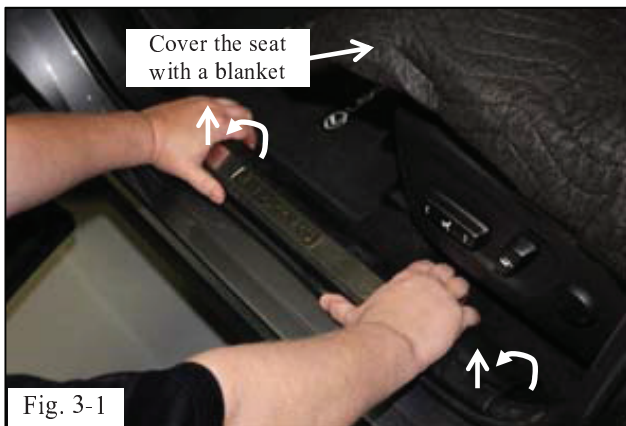




(c) Remove the negative battery cable (Fig 2-3).

(1) On non-hybrid vehicles, protect the fender.

+ (2) Do not touch the positive terminal with any tool while removing the cable.



3. Disassemble the Vehicle.

(a) Remove the front left and front right inner door sills (Fig. 3-1).

(1) Gently pull up the rocker portion of the door sill.

⚠ CAUTION: Do not to bend or break the bottom clips at either end of the door sill trim.

(b) Remove the front left and front right cowl side covers.

(1) Remove the retaining nut (Fig. 3-2).





Fig. 3-3

- (2) Pull the cover straight away from the body to detach the plastic clip (Fig. 3-3).
- (3) If a plastic clip remains attached to the body, remove it and inspect it for damage. If it is not damaged, reattach it to the cowl cover; otherwise replace it with a new one.

CAUTION: Do not remove the weather seal.



Fig. 3-4

- (c) Remove the driver's side lower dashboard panel cover (Fig. 3-4).

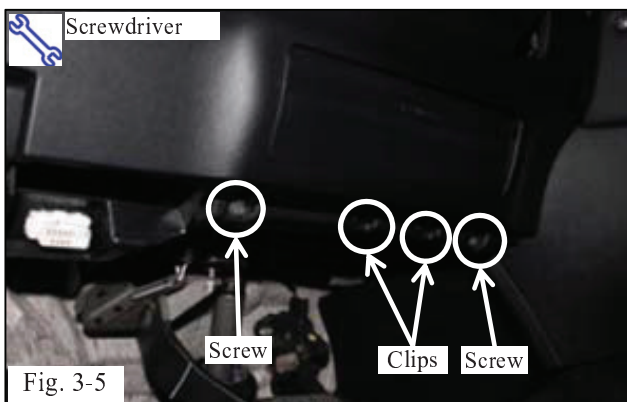


Fig. 3-5

- (1) Remove the two screws (Fig. 3-5).
- (2) Push in on the two clips to disengage them (Fig. 3-5).

CAUTION: Do not bend or break the clip hooks.

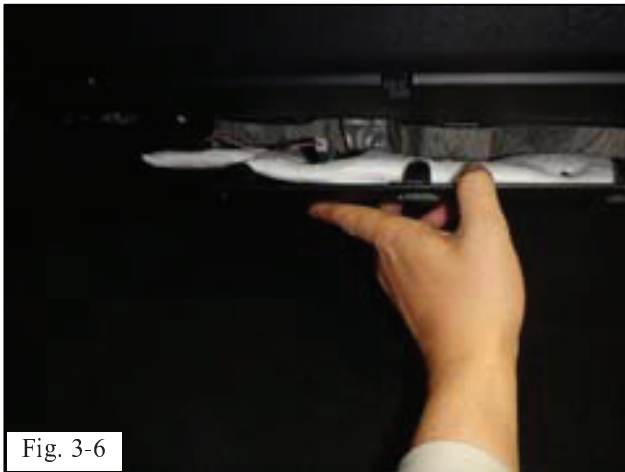


Fig. 3-6

(3) Pull down the lower dashboard panel cover (Fig. 3-6).

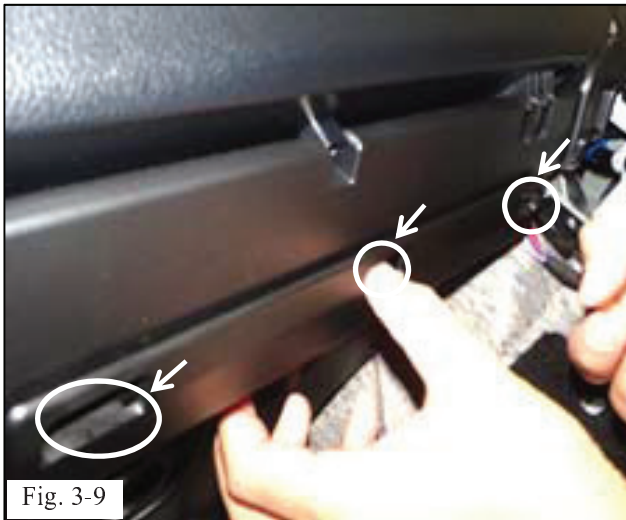


Fig. 3-7


(d) Unplug the foot lamp (Fig. 3-7).



- (e) Remove the passenger's side lower dashboard panel cover (Fig. 3-8).

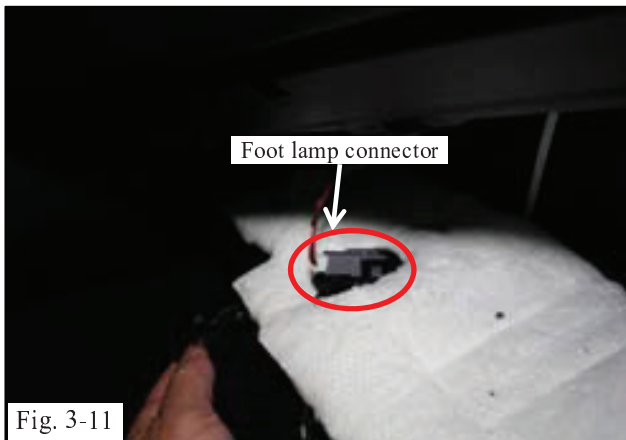


- (1) Use a panel removal tool to disengage the three clips (Fig. 3-9).

 **CAUTION:** Do not bend or break the clip hooks.



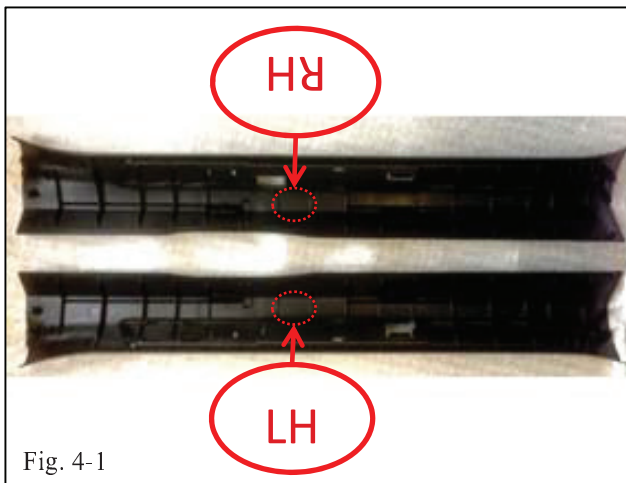
- (2) Pull down the lower dashboard panel cover (Fig. 3-10).



(3) Unplug the foot lamp (Fig. 3-11).

4. Install the Illuminated Door Sill (Driver's Side).

(a) Identify the left side door sill by the LH marking on the back of the part (Fig. 4-1).



(b) Connect the sill connector (female) to the vehicle foot lamp harness (male) (Fig. 4-2).

(c) Connect the foot lamp on the lower dashboard panel (female) to the sill connector (male) (Fig. 4-2).

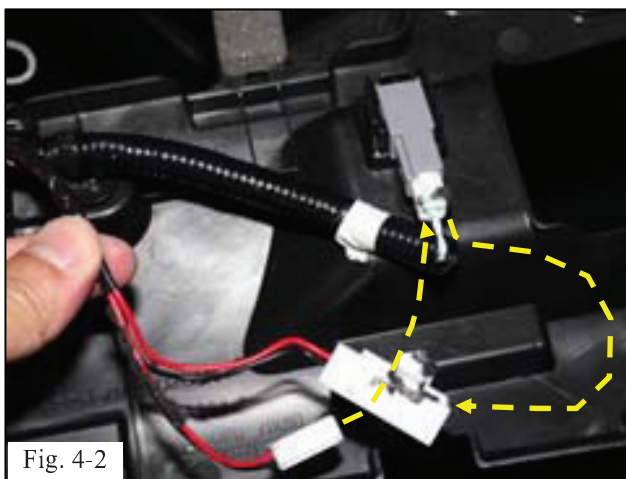




Fig. 4-3

(d) Bend the harness as shown (Fig. 4-3).



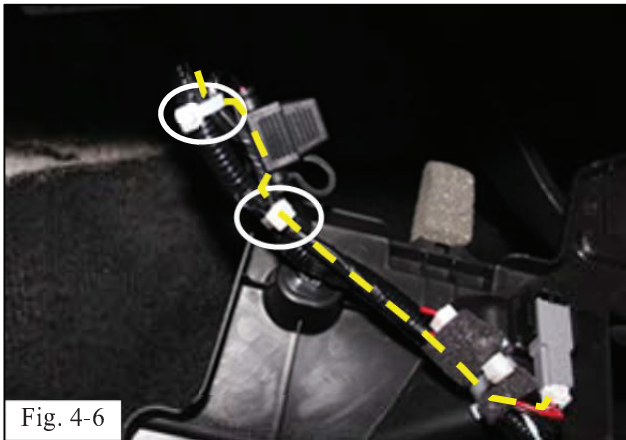
Fig. 4-4

(e) Apply one piece of foam tape over the connector assembly (Fig. 4-4).



Fig. 4-5

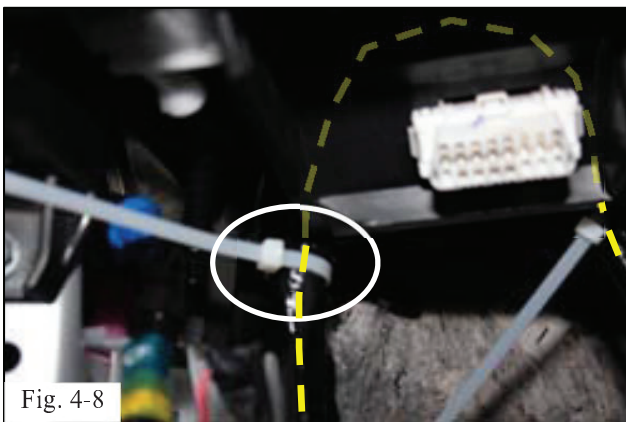
(f) Use one wire tie and bundle the OE harness and connector (Fig. 4-5).



- (g) Use two wire ties and tie the wire harness along with the OE wire harness (Fig. 4-6).



- (h) Use one wire tie and tie the wire harness along with the OE wire harness (Fig. 4-7).



- (i) Use one wire tie and tie the wire harness along with the OE wire harness (Fig. 4-8).

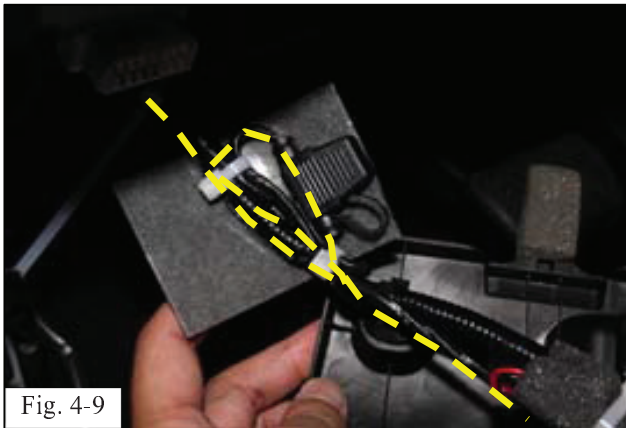


Fig. 4-9

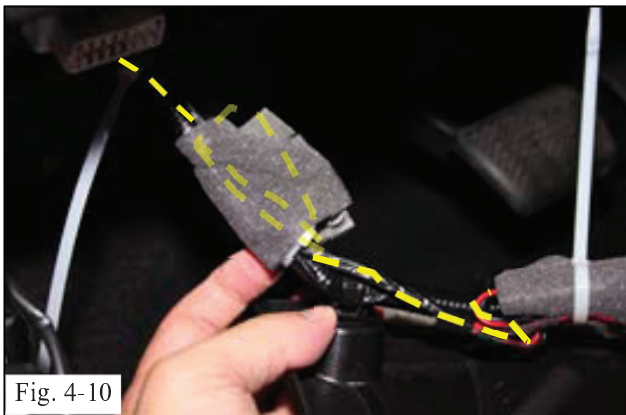


Fig. 4-10

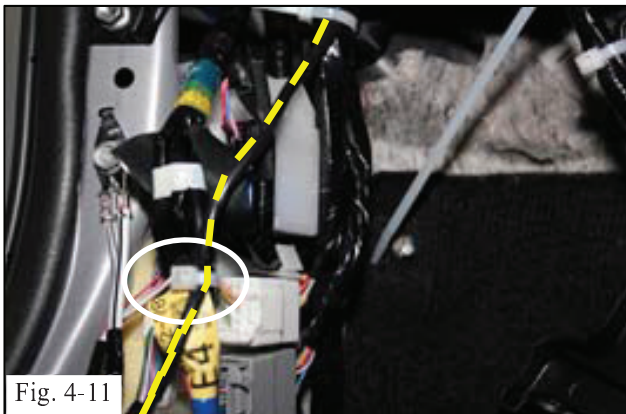
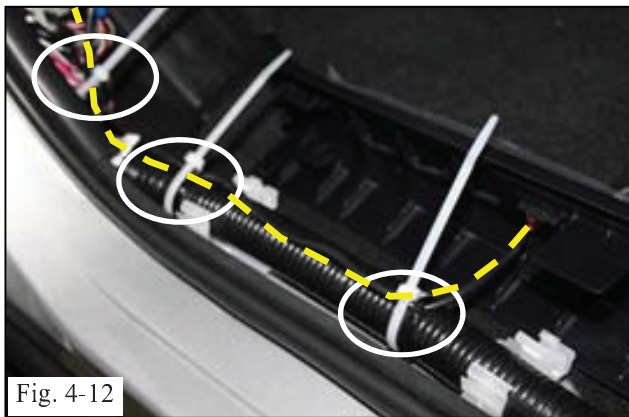


Fig. 4-11

(j) Wrap the fuse holder with one piece of foam tape (Fig. 4-9 and Fig. 4-10).

(k) Attach one wire tie at the cowl area (Fig. 4-11).



(l) Route the harness on the outboard side of the OE harness. Attach three wire ties to the vehicle floor harness (Fig. 4-12).

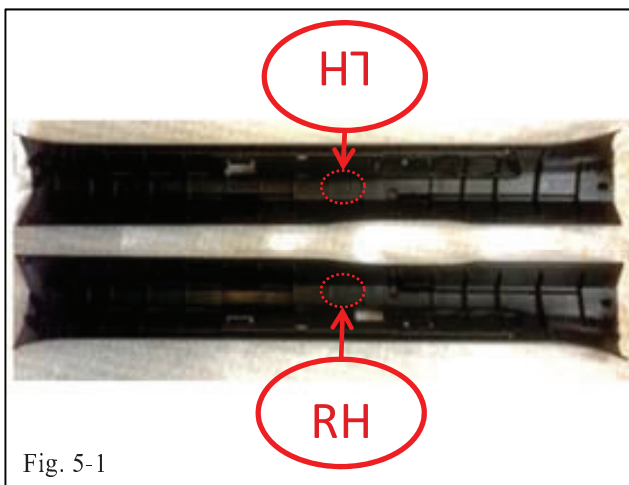
(m) Trim all wire tie excess.

5. Install the Illuminated Door Sill (Passenger's Side).

(a) Identify the right side door sill by the RH marking on the back of the part (Fig. 5-1).

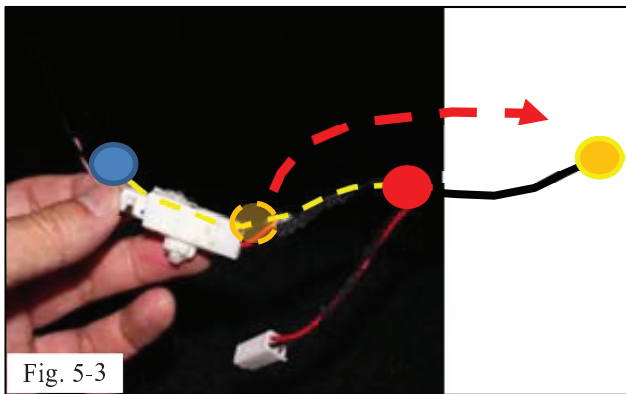
(b) Connect the sill connector (female) to the vehicle foot lamp harness (male).

(c) Connect the foot lamp connector to the sill connector (male).

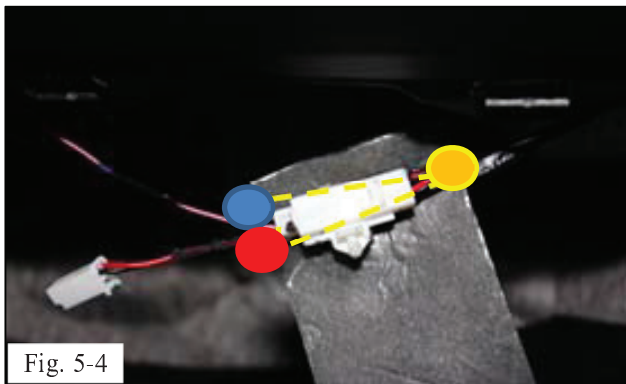


(d) Remove the OE foot lamp connector (Fig. 5-2).

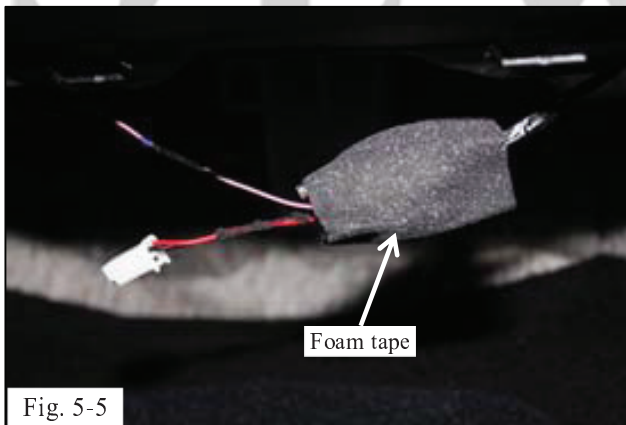




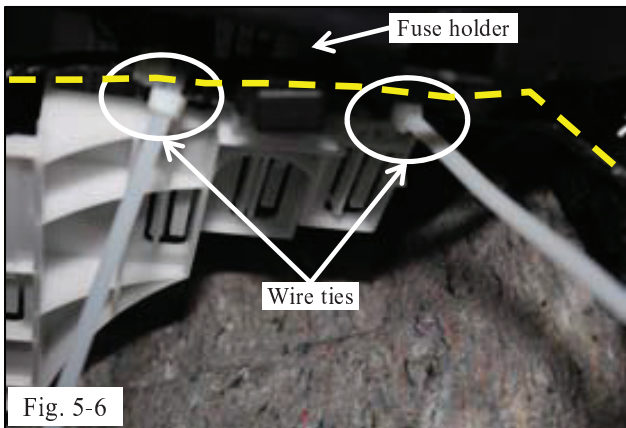
- (e) Connect the sill connector (female) to the vehicle foot lamp harness (male) (Fig. 5-3).
- (f) Fold the connector assembly back towards its own harness (match the transparent yellow dot with the solid yellow one) (Fig. 5-3).



- (g) Apply one piece of foam tape to bundle the harness and connector (Fig. 5-4).



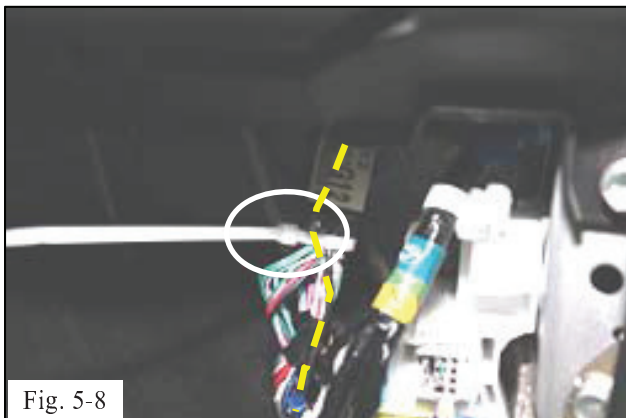
- (h) Apply one piece of foam tape over the connector assembly (Fig. 5-5).



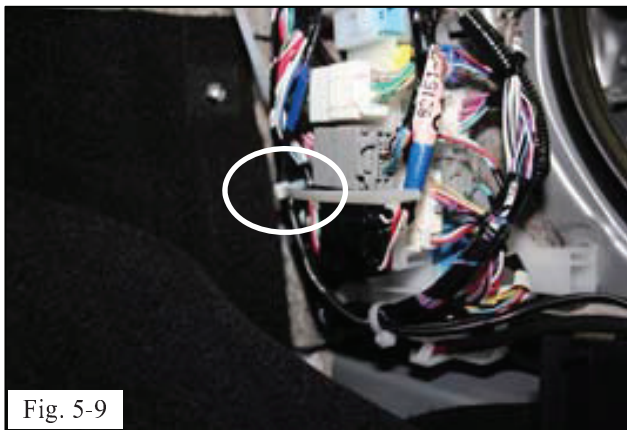
- (i) Use two wire ties to secure the connector assembly to the OE harness and connector (Fig. 5-6).



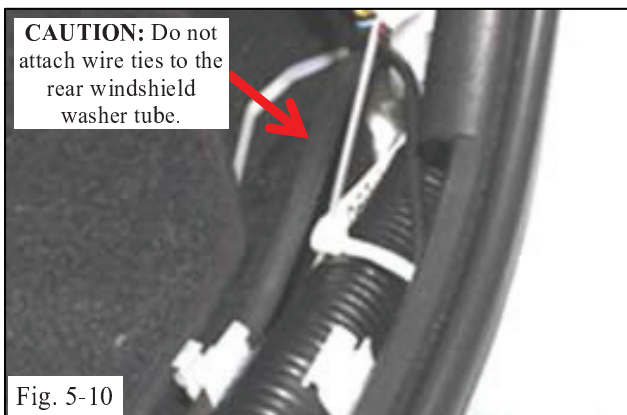
- (j) Wrap the fuse holder with one piece of foam tape (Fig. 5-7).



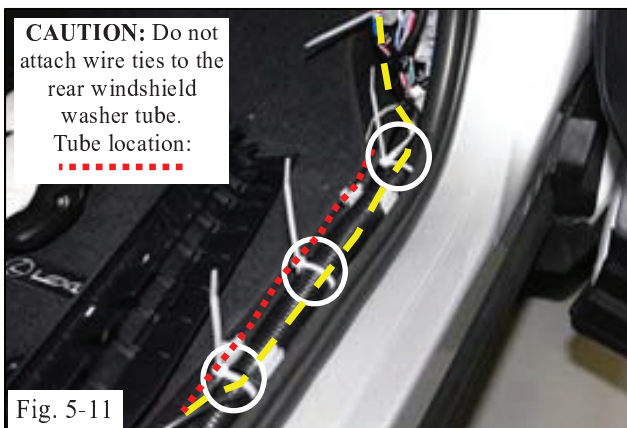
- (k) Use a wire tie to secure the wire harness to the OE harness (Fig. 5-8).



- (l) Use a wire tie to secure the wire harness to the OE harness (Fig. 5-9).



- CAUTION:** Do not attach wire ties around the rear windshield washer tube running along the side of the floor harness (Fig. 5-10).



- (m) Route the harness along the outboard side of the OE harness. Attach three wire ties to the vehicle floor harness (Fig. 5-11).
- (n) Trim all wire tie excess.

6. Perform a Functional Test.

- (a) Temporarily reconnect the battery negative cable and install the DCC cut fuse (if necessary).

- NOTE:** Ensure all doors and the trunk lid are fully closed before proceeding with the test.



Fig. 6-1

(b) Confirm that the Illuminated Door Sills function properly.

(1) Door Open: Front door sills are illuminated (Fig. 6-1).

(2) Door Closed: Front door sill illumination dims out after 15 seconds.

(c) Disconnect the battery negative cable.

7. Reassemble the Vehicle.

(a) Reinstall the lower instrument panel covers.

(1) Ensure all hooks are snapped in and screws are tightened.

(b) Assemble the cowl panels.

(1) Ensure clips are snapped in properly and the retaining nuts are reinstalled (Fig. 7-1).



Fig. 7-1

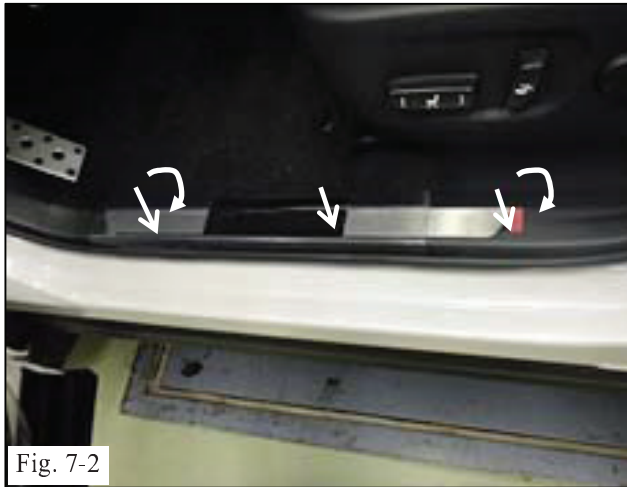


Fig. 7-2

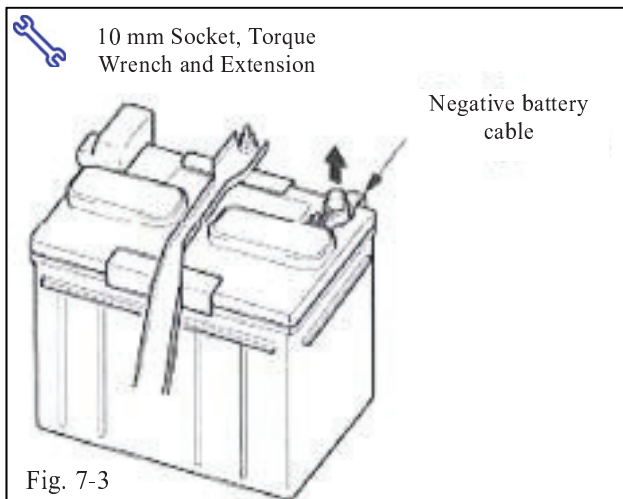


Fig. 7-3

(c) Install the door sills.

- (1) Make sure the door sills are properly snapped down firmly in place, that they are not lifting and no uneven gaps exist around the edges (Fig. 7-2).



NOTE: Make sure the clips at the left and right sides are engaged fully.



NOTE: Make sure the wires are not pinched between the sill and the body.

(d) Reconnect the battery.

- (1) Position the negative battery cable in the original factory position (Fig. 7-3).



CAUTION: Do not touch the positive terminal with any tool during installation

- (2) Tighten the nut to 48 in·lbf (5.4 N·m).



TORQUE: 48 in·lbf (5.4 N·m)

- (e) Perform the final accessory and vehicle function checks (see the next page).
- (f) Clean up the vehicle and remove any trash.

LEXUS NX and NXh 2015 - ILLUMINATED DOOR SILLS

Checklist - these points **MUST** be checked to ensure a quality installation.

Check:	Look For:
<u>Accessory Function Checks</u> <input type="checkbox"/> Door open <input type="checkbox"/> Door closed <input type="checkbox"/>	Front door sills are illuminated. Front door sills are not illuminated.
<u>Vehicle Function Checks</u> <input type="checkbox"/> Dome light <input type="checkbox"/> Foot well lighting <input type="checkbox"/>	Dome light operates properly. Foot well lighting operates normally.
<u>Vehicle Appearance Check</u> <input type="checkbox"/> Verify the fit of the Illuminated Door Sill Plates <input type="checkbox"/> Verify the fit of the cowl side panel <input type="checkbox"/> Verify the fit of the lower dashboard panel <input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection.	Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMS Accessory Quality Shipping Standard.)