

Part Number: PT944-50180-XX (Gas)
PT944-50181-XX (Hybrid)

Kit Contents

Item #	Quantity Req'd.	Description
1	2	Inner LED Scuff
2	2	Outer Door Sill

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	2	Zip Tie
2	6	Felt with adhesive

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1		
2		

Conflicts

None

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	
Vehicle Protection	
Special Tools	Notes
Installation Tools	Notes
Screwdriver	For lower IP cover
Nylon Panel Removal Tool	
Side Cutter	To trim wire ties
10 mm Socket and Ratchet or 10 mm Wrench	
Pliers	
Torque Wrench	48 in-lbf (5.4 N-m)
Special Chemicals	Notes

General Applicability

Refer to AMS for applicability

Recommended Sequence of Application







Item #	Accessory
1	Glass Breakage Sensor (GBS)
2	Illuminated Door Sill (IDS)

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1		
2		

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.

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.

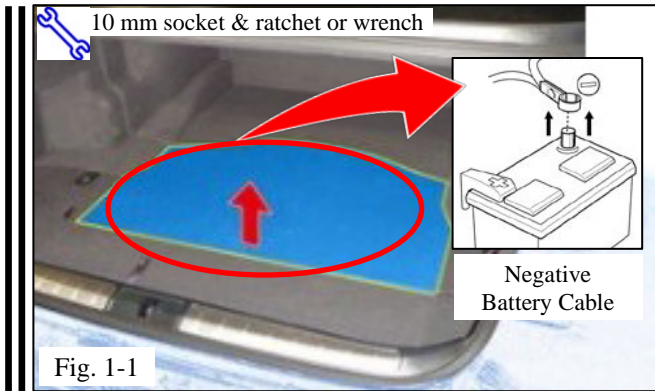
This document covers such items as:-

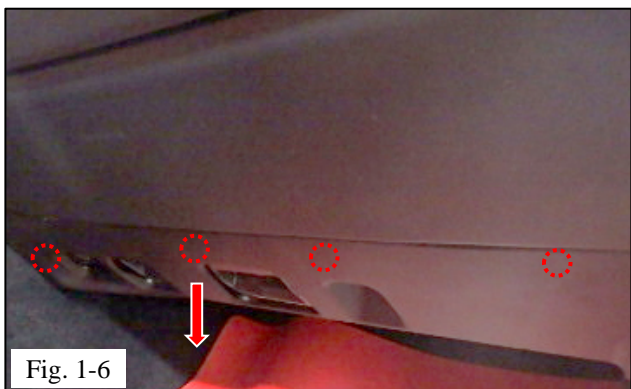
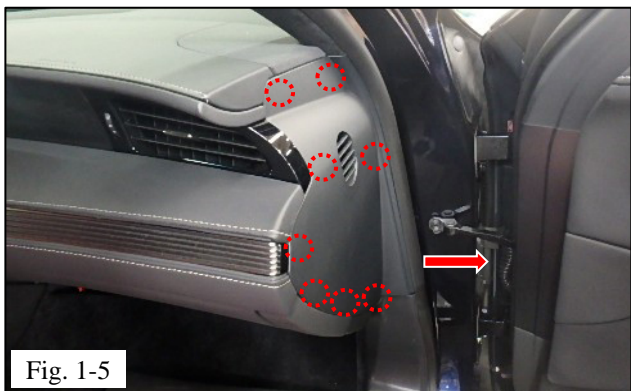
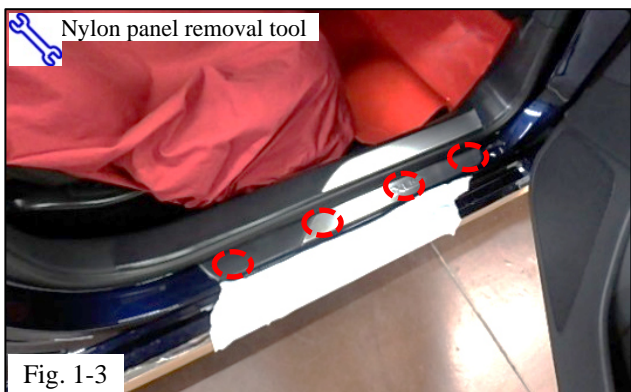
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

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

1. Disassemble the Vehicle.

- STOP** (a) Protect the rear bumper.
- (b) Place the vehicle in park with the parking brake set.
- (c) Remove the luggage board (Fig. 1-1).
- +** (d) Disconnect the negative battery terminal (Fig. 1-1).
 - (1) Do not touch the positive terminal.
 - STOP** (2) Do not close the trunk after disconnecting the battery.
- (e) Cover the seat with blankets and protect the vehicle with masking tape (Fig. 1-2).



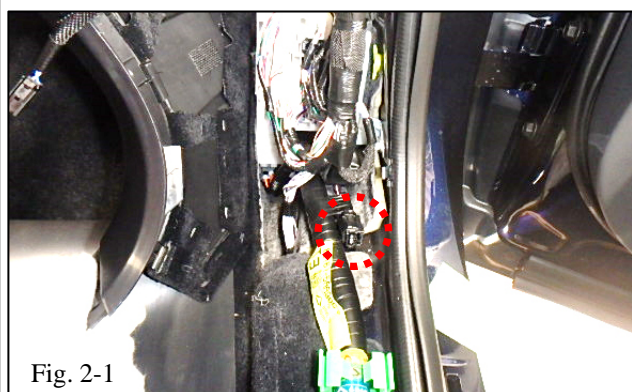
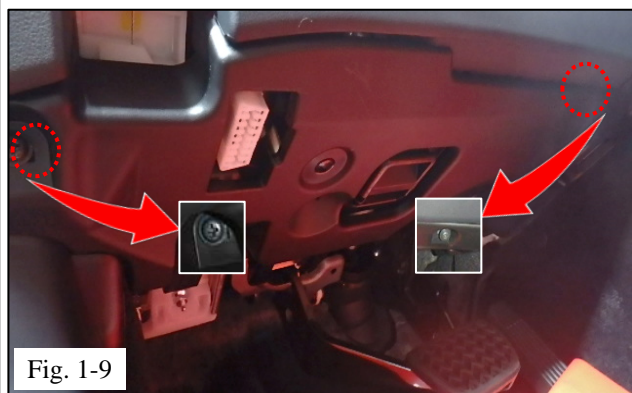
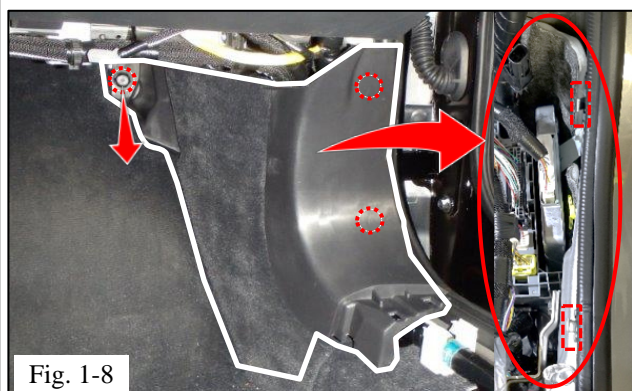


(f) Remove the front passenger outer door sill using a nylon panel removal tool to disengage the four (4) clips (Fig. 1-3).

(g) Remove the passenger scuff plate (Fig. 1-4).

(h) Remove the dash side panel by pulling towards the exterior of the vehicle from the bottom corner near the weather strip (Fig. 1-5).

(i) Remove the passenger side undercover (Fig. 1-6).



(j) Disconnect the foot lamp connector from the undercover foot light (Fig. 1-7).

(k) Remove the passenger side cowl (Fig. 1-8).

(1) Remove the clip and pull the cowl out.

(2) Be careful with the metal clips after removing the cowl.

(l) Repeat steps (e) through (k) for the driver side.

(m) Remove the driver side under cover by removing the two (2) screws (Fig. 1-9).

2. Install the Illuminated Door Sill.

(a) Find the pre-wire located on the original wire harness near the bottom of the junction block (Fig. 2-1).

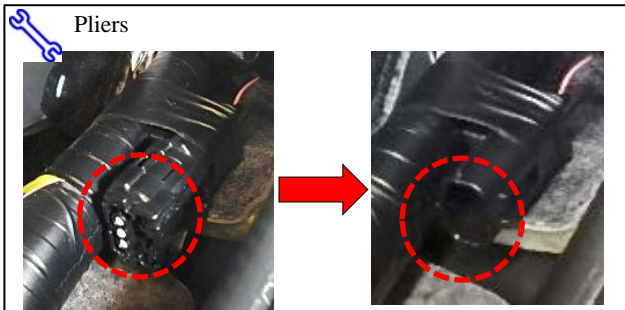


Fig. 2-2

(b) Using pliers, remove the cap from the pre-wire connector (Fig. 2-2).



Fig. 2-3

(c) Place three (3) felt pieces of tape on the passenger and driver side wire harness clips (Fig. 2-3).

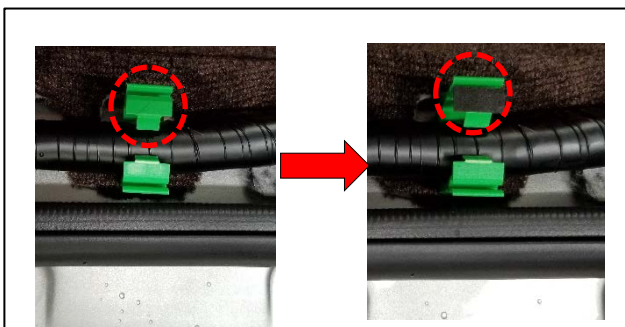
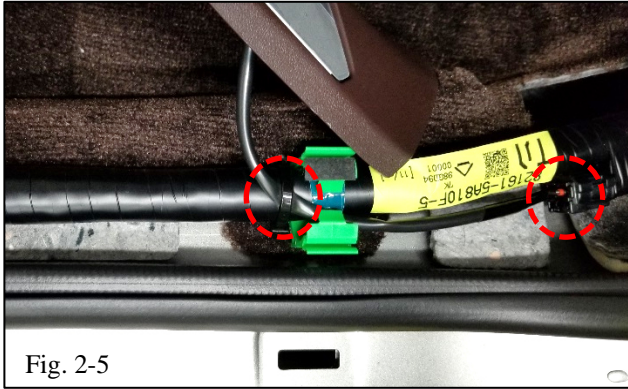


Fig. 2-4

(1) Place felt tape on the flat inboard edge of the wire harness clip (Fig. 2-4).



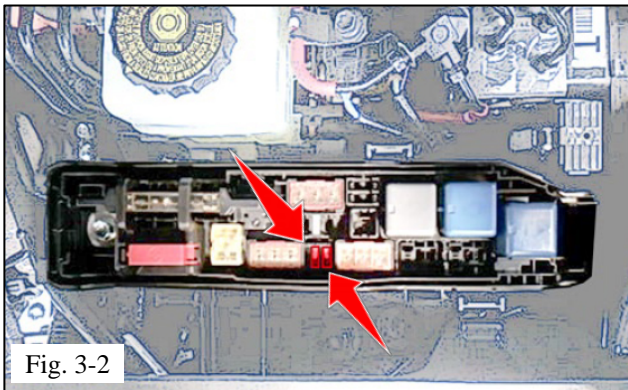
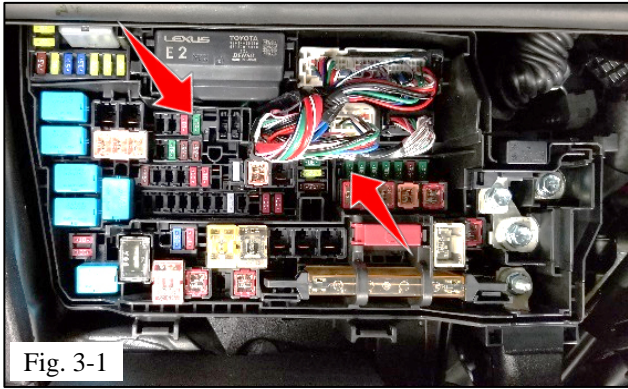
- (d) Connect the illuminated door sill connector and ensure the connector faces towards the outer part of the vehicle (Fig. 2-5).
- (e) Route the illuminated door sill wire along the original wire harness and inside the wire harness clip.
- (f) Zip-tie the illuminated door sill harness to the original harness near the wire harness clip.



Do NOT continue with the install until the functional test is performed.


3. Perform a Functional Test.

- (a) Install the DCC fuse if necessary.
 - (1) **Gas** – The DCC fuse is located on the passenger side of the engine bay (Fig. 3-1).
 - (2) **Hybrid** – DCC fuse located on the driver side of the engine bay (Fig. 3-2).
- (b) Temporarily reconnect the negative battery terminal.



Hybrid: Blue light
Gas: White light

Fig. 3-3

 Torque wrench & 10mm Socket

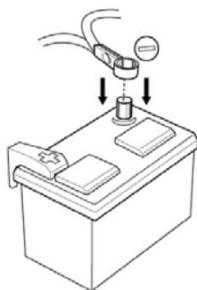




Fig. 3-4

- (c) Confirm the illuminated door sills function properly (Fig. 3-3).
 - (1) Door Open: Front door sills illuminate.
 - (2) Press Door Switch: Front door sills turn off immediately.
- (d) Disconnect the negative battery terminal.

4. Reassemble the vehicle.

- (a) Reinstall the cowl.
 - (b) Install the illuminated door sill.
 - (c) Install the outer door sill.
 - (d) Reinstall the undercover.
 - (e) Reinstall the side cover.
 - (f) Reconnect the battery (Fig. 3-4).
 - (1) Position the negative battery cable at the original factory position.
-  **Torque: 5.4 N-m (48 in-lbf)**
-  (2) Do not touch the positive battery terminal.
 - (g) Perform the final accessory and vehicle function check.
 - (h) Cleanup and remove any trash.

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

Check:

Look For:

Accessory Function Checks

- Illuminated door sill

Verify proper operation.

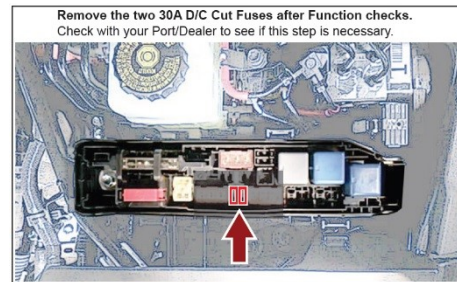
Door open: Front door sills illuminate.

Door closed: Front door sills not illuminated.

Vehicle Function Checks

- Foot well light

Proper operation of the foot well lighting.



Vehicle Appearance Check

- Verify the fit of the illuminated door sill.
- After accessory installation and removal of protective cover(s), perform a visual inspection.

Illuminated door sill is properly installed to the mating components.

Ensure no damage (including scuffs and scratches) was caused during the installation process.

(For PPO installations, refer to TMS Accessory Quality Shipping Standard.)