

Part Number: PT922-03180
PT922-03183

Kit Contents

Item #	Quantity Req.	Description
1	1	Illuminated Scuff plate, Front Right Hand
2	1	Illuminated Scuff plate, Front Left Hand
3	1	Door Scuff plate, Rear Right Hand
4	1	Door Scuff plate, Rear Left Hand
5	1	Hardware Kit

Hardware Bag Contents

Item #	Quantity Req.	Description
1	24	10" Wire Ties (1 spare)
2	2	Pinch Weld Clip
3	3	Tape, Foam 60mm x 90mm

Additional Items Required For Installation

Item #	Quantity Req.	Description
1		
2		

Conflicts

Door Sill Protector

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	Optional
Blankets, Part Boxes	
Special Tools	Notes
Nylon Panel Removal Tool	
Painter's Tape	If necessary
Installation Tools	Notes
Wrench	10mm
Phillips screwdriver	#3
Side Cutters	For wire ties
Torque Wrench	48 in-lbf (5.4 N-m)
Wiping cloth	For cleaning pinch weld
Painter's Tape	For protecting vehicle paint
Electrical Tape	For installation of clips
Special Chemicals	Notes
Cleaner	VDC approved cleaner

General Applicability

Please refer to ASG for latest accessory applicability.

Recommended Sequence of Application


Item #	Accessory
1	Security
2	Remote Engine Start
3	Illuminated Door Sills


*Mandatory


Vehicle Service Parts (may be required for reassembly)


Item #	Quantity Req.	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.

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:

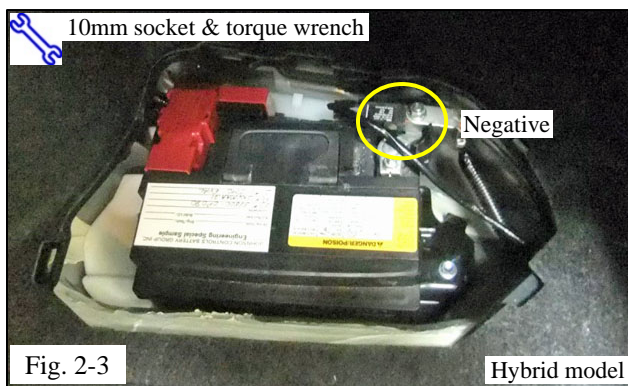
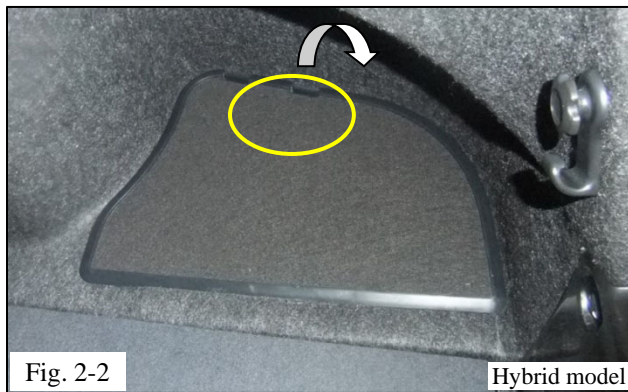
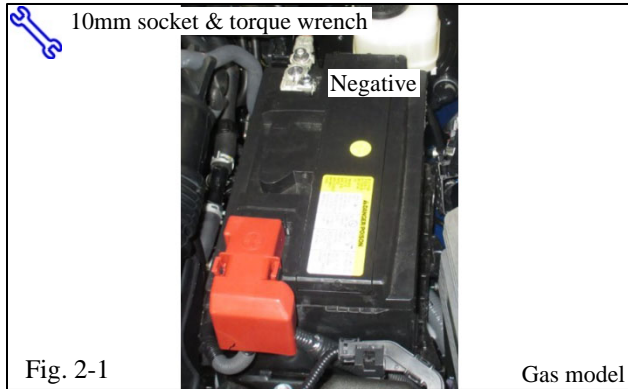
- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

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



1. Prepare for the Installation.

- (a) Check the kit for missing parts or any damage (Fig. 1-1).
- (b) Check the following for damage:
 - (1) One (1) front LH door sill
 - (2) One (1) front RH door sill
 - (3) One (1) rear LH door sill
 - (4) One (1) rear RH door sill
- (c) Check the following items from the hardware bag are not missing:
 - (x24) 25 cm wire ties
 - (x3) medium PU foam tapes
60mm x 90mm
 - (x2) pinch weld clips



2. Disconnect the Battery.

⚠ NOTE: For **gas vehicles**, the battery is located in the engine compartment.

(a) Locate and remove the negative battery terminal (Fig. 2-1).

(1) Use a 10mm wrench to remove the battery lead from the negative terminal.

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

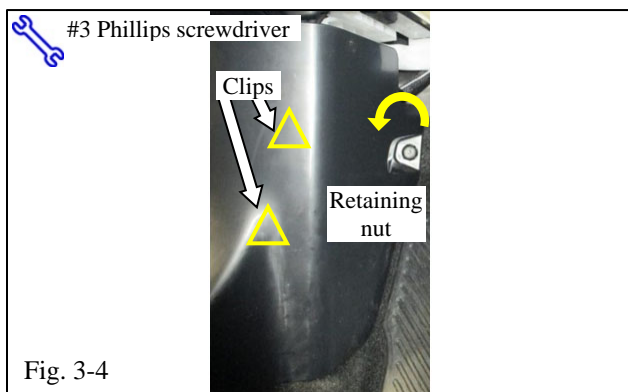
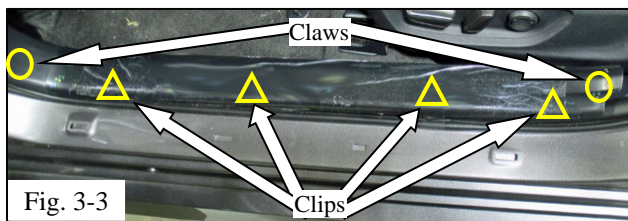
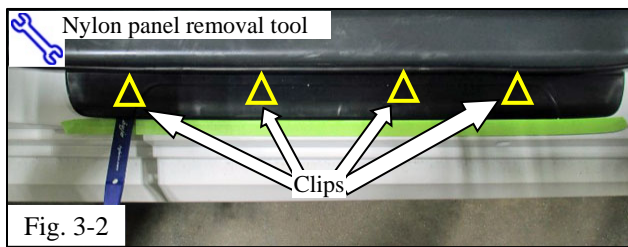
⚠ NOTE: For **hybrid vehicles**, the battery is located in the trunk.

(b) Disengage the side clips and remove the battery cover (Fig. 2-2).

(c) Locate and remove the negative battery terminal.

(1) Use a 10mm wrench to remove the battery lead from the negative terminal (Fig. 2-3).

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



3. Disassemble the Vehicle.

⚠ NOTE: Unless otherwise specified, the procedure for driver and passenger side is the same.

(a) Apply painter's tape to the length of the rocker panel against the front OE door scuff to protect the vehicle body paint (Fig. 3-1).

(b) Use a nylon panel removal tool to disengage the four clips and remove the front left and front right outer door scuff plates (Fig. 3-2).

⚠ NOTE: Use caution while removing the door scuff to not break any of the molded clips.

(c) Remove the front left and front right inner garnish (Fig. 3-3).

(1) Disengage the 2 claws on the inside bottom corners.

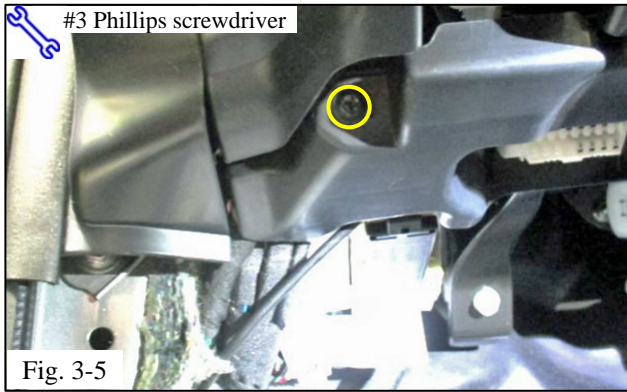
(2) Disengage the 4 clips.

(d) Remove the front left and front right cowl side covers (Fig. 3-4).

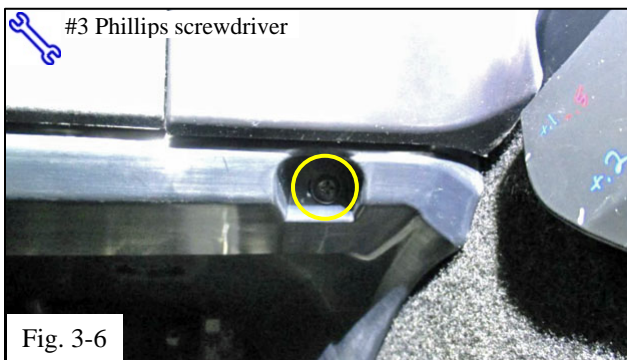
(1) Use a #3 Phillips screwdriver to remove the retaining nut.

(2) Pull the cover straight away from the body to detach the two clips in the direction of the arrows.

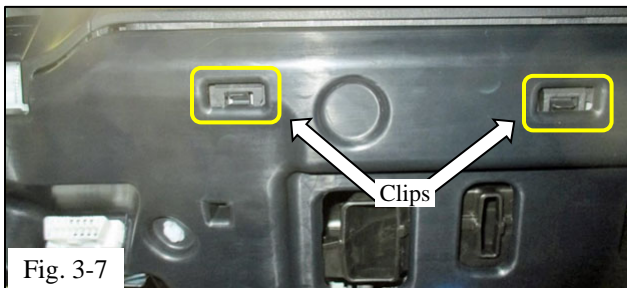
(3) If a clip is stuck to the body after removal, remove the clip and reattach it to the cowl cover.



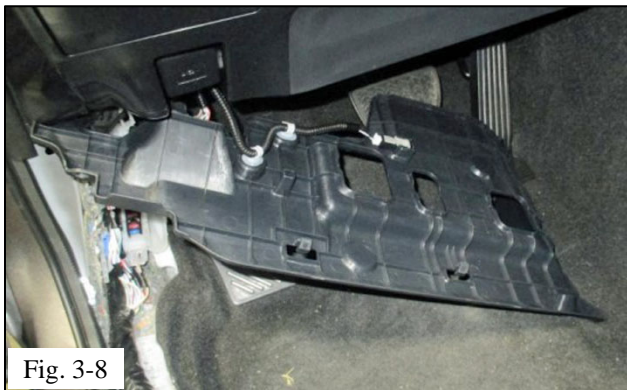
(e) Use a #3 Phillips screwdriver to remove the LH under dashboard panel screw on the left side (Fig. 3-5).



(f) Use a #3 Phillips screwdriver to remove the LH under dashboard panel screw on the right side (Fig. 3-6).

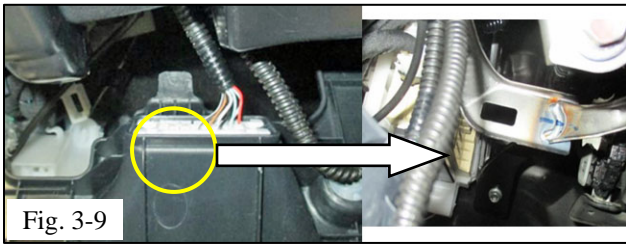


(g) Undo the (2) clips on the LH under dashboard panel (Fig. 3-7).

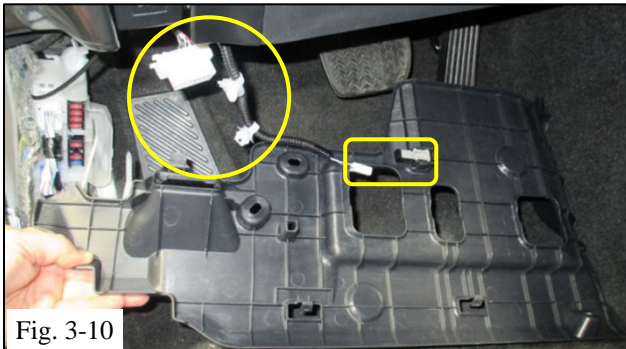


(h) Slide the LH under dashboard panel forward and prop it against the LH foot well (Fig. 3-8).

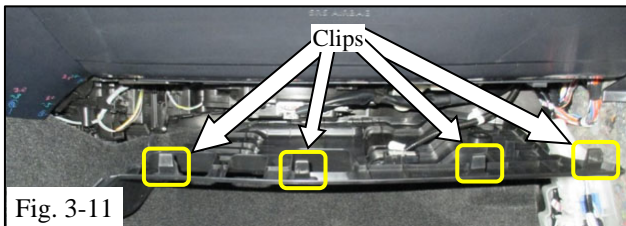
⚠ NOTE: Use caution to not strain the OBD2 connector and harness.



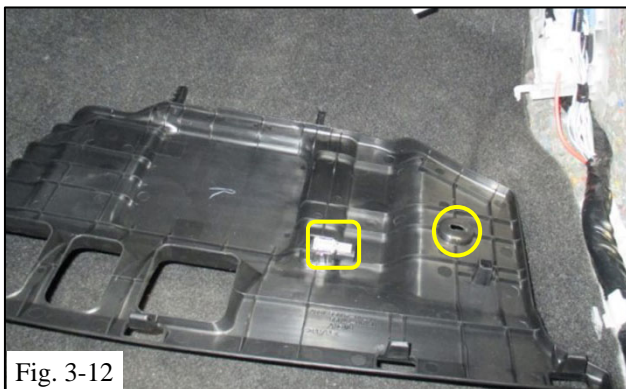
- (i) Unclip the LH under dashboard panel from the sheet metal bracket to release the panel (Fig. 3-9).



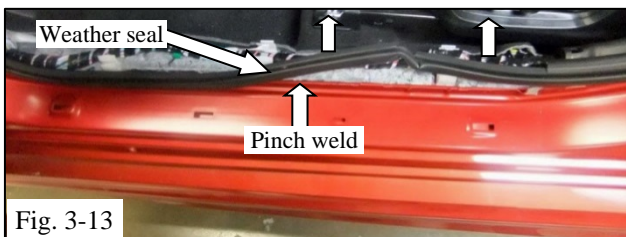
- (j) Disconnect the foot well light connector (shown in box) and unclip the OBD2 connector and harness retainer clips (shown in circle) (Fig. 3-10).



- (k) Unclip the (4) clips on the RH under dashboard panel (Fig. 3-11).



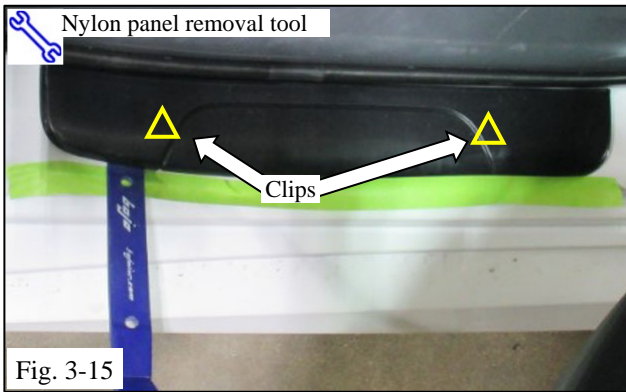
- (l) Disconnect the RH foot well light connector (shown in box) and unclip the harness clip (shown in circle) (Fig. 3-12).



- (m) Detach the front left and the front right weather seal from the pinch weld (Fig. 3-13).



(n) Apply painter's tape to the length of the rocker panel against the rear OE door scuff to protect the vehicle body paint (Fig. 3-14).



(o) Use a nylon panel removal tool and disengage the (2) rear left and rear right outer door scuff plate clips (Fig. 3-15).

⚠ NOTE: Use caution while removing the door scuff to not break any of the molded clips.

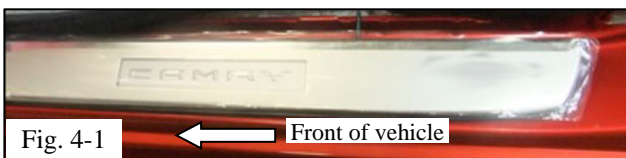
4. Install the Driver Side Illuminated Door Scuff Plates.

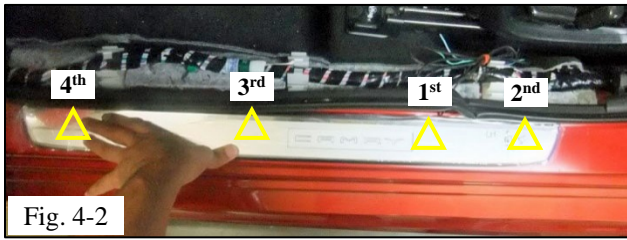
⚠ NOTE: Unless otherwise specified, the procedure for the driver side and the passenger side is the same.

(a) Locate the front left hand (LH) door scuff plate.

⚠ (1) "LH" is indicated on the back of the door scuff plate.

(2) When installing the door sill on the correct side, the word "CAMRY" should be readable from the outside of the vehicle (Fig. 4-1).



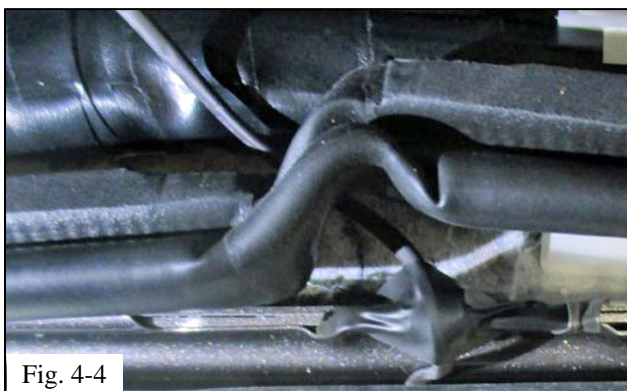


⚠ (b) Align the 4 clips of the door scuff plate to the holes of the body rocker panel. Follow the clip installation sequence in Fig. 4-3 and **gently** push the door scuff plate down to insert the clips (Fig. 4-2).

⚠ **NOTE:** Make sure the door scuff plate is properly snapped down in place with no lifting or uneven gaps around the edges. A snap should be heard as each clip engages into the rocker.

(c) Place one pinch weld bridge over the rolled edge of the pinch weld under the weather seal.

⚠ **NOTE:** Make sure the door the pinch weld bridge is placed in the area on the pinch weld where the flexible portion of the weather seal is installed (Fig. 4-3).



(d) Route the harness over the pinch weld bridge, ensuring the wire is laying inside the groove. Then apply a 3 inch strip of electrical tape along the length of the pinch weld clip and over the harness to ensure it remains in position (Fig. 4-4).



(e) Reinstall the weather seal to the pinch weld ensuring the wire remains in position on the plastic bridge (Fig. 4-5).

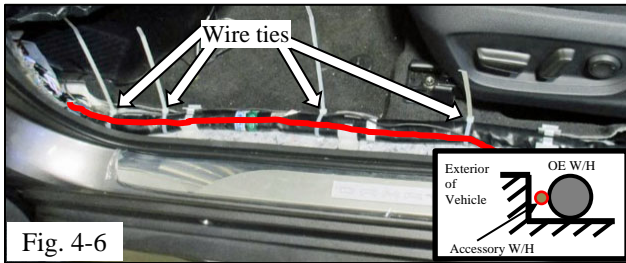


Fig. 4-6

(f) Route the door sill harness to the front of the vehicle along the exterior side of the OE harness & apply four (4) wire ties (Fig. 4-6).

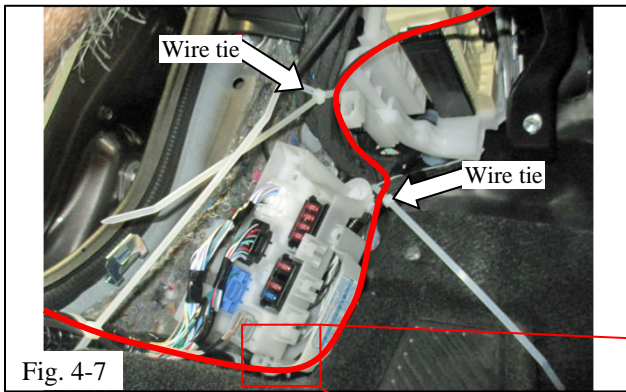


Fig. 4-7

(g) Route the wire harness up behind the connector block and secure the harness to the OE harness with three (3) wire ties as shown against the connector block (Fig. 4-7).

⚠ NOTE: Place the wire tie on the OE harness where it turns upwards, behind the connector block.

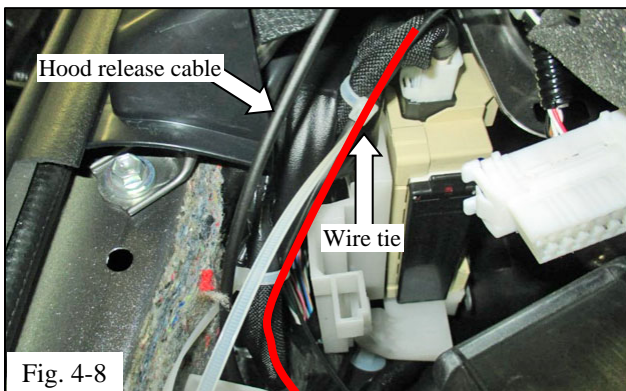
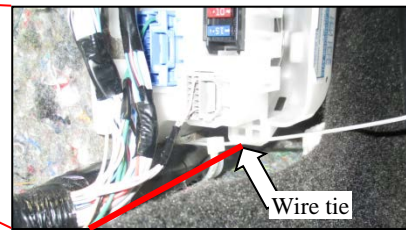


Fig. 4-8

(h) Route the harness up the foot well area above the connector block and secure the harness with one (1) wire tie behind the hood release cable (Fig. 4-8).

⚠ NOTE: DO NOT ATTACH THE WIRE TIE TO THE HOOD RELEASE CABLE.

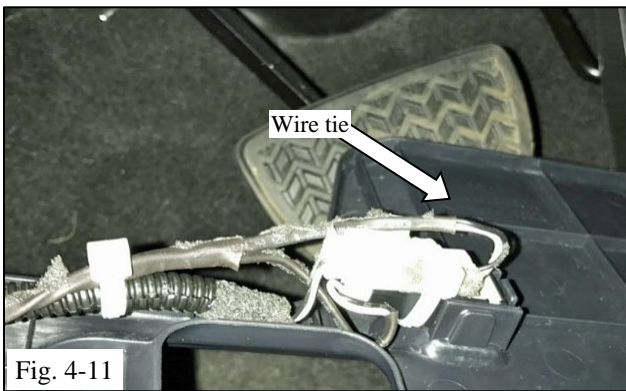


Fig. 4-9

(i) Connect the door sill harness female connector to the LH under panel foot well lamp (Fig. 4-9).

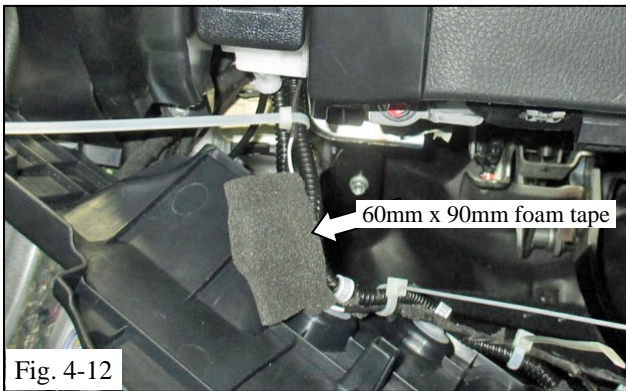


- (j) Connect the door sill harness male connector to the OE harness female connector (Fig. 4-10).

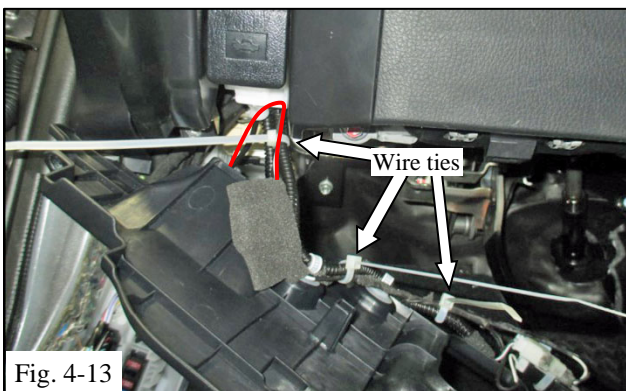


- (k) Bundle the connectors on top of the foot well lamp and use one (1) wire tie to hold them in place (Fig. 4-11).

⚠ NOTE: Do not pinch the wire harness while applying the wire tie to the connector bundle.



- (l) Wrap the 60mm x 90mm foam tape around the fuse holder (Fig. 4-12).

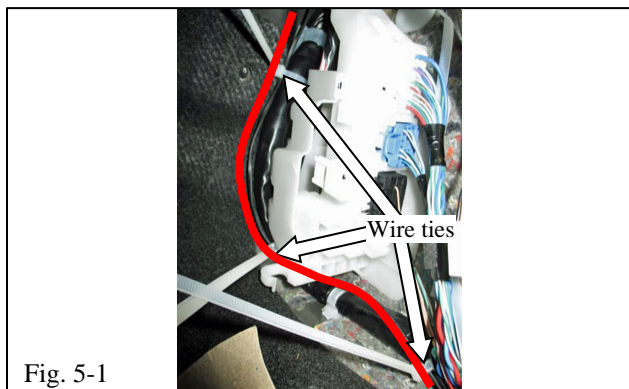


- (m) Secure the door sill wire harness along the foot well main harness corrugated tubing using three (3) wire ties (Fig. 4-13).

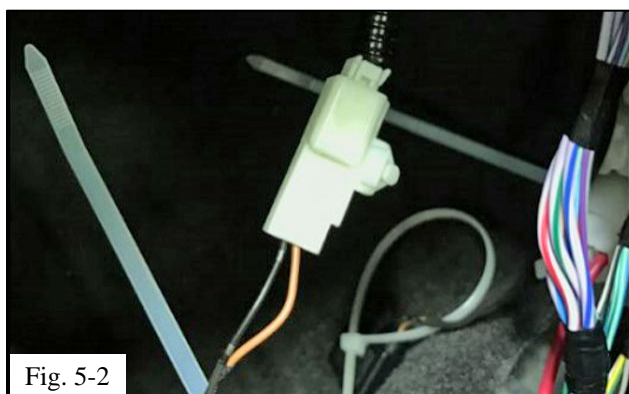
- (n) Trim the wire ties.

5. Route the RH Side Wire Harness.

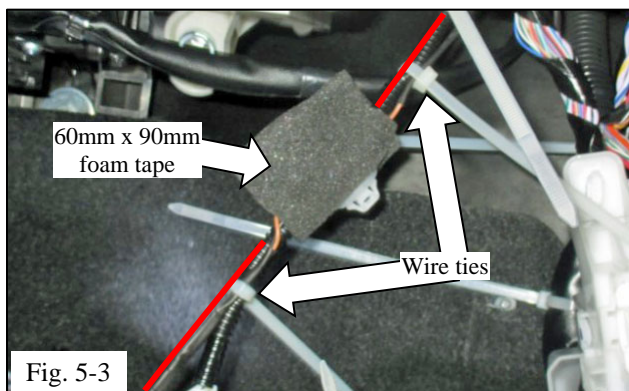
- (a) Repeat Steps 4(a) to 4(f) for the RH door sill installation.
- (b) Route the wire harness up towards the cowl side block and secure the harness around the connector block with three (3) wire ties (Fig. 5-1).

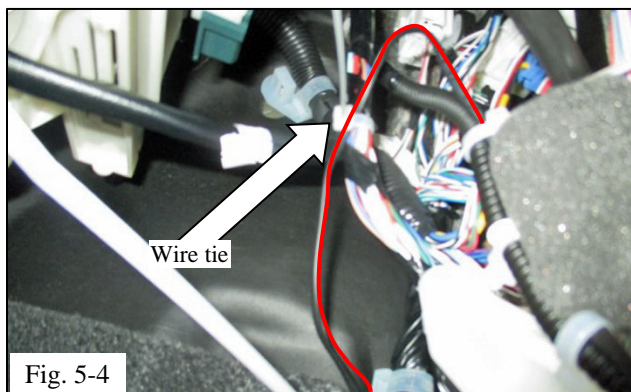


- (c) Connect the female door sill connector to the foot well harness male connector (Fig. 5-2).

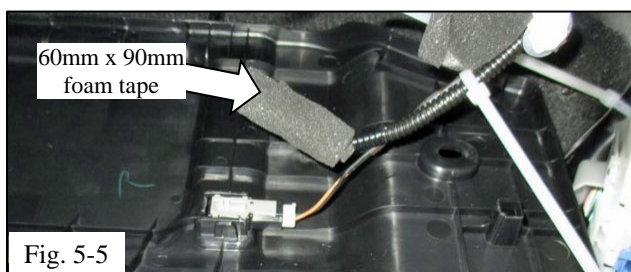


- (d) Wrap one (1) 60mm x 90mm foam tape around the fuse holder and locate the fuse holder on top of the OE harness clip and apply two (2) wire ties (Fig. 5-3).

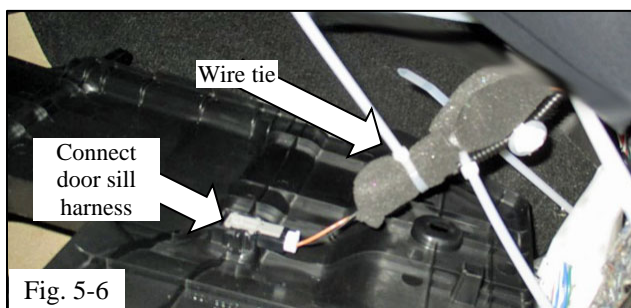




- (e) Route the door sill wire harness along the OE foot well main harness after the junction block and apply one (1) wire tie (Fig. 5-4).



- (f) Wrap one (1) 60mm x 90mm foam tape around the foot well lamp connector from Step 5(d) (Fig. 5-3).



- (g) Secure the foam wrapped connector from Step 5(f) to the OE harness with one (1) wire tie and connect the male door sill connector to the foot well lamp (Fig. 5-6).
- (h) Trim the wire ties.

6. Install the Rear Door Scuff Plates.

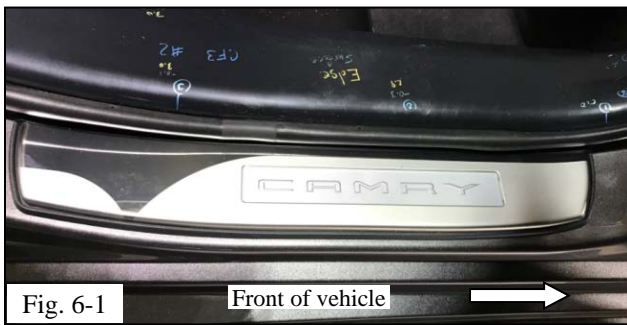
⚠ NOTE: Unless otherwise specified, the procedure for the driver side and the passenger side is the same.

(a) Locate the rear right hand (RH) door scuff plate and the rear left hand (LH) door scuff plate.

⚠ (1) The right hand door scuff plate is for the passenger side and the left hand door scuff plate is for the driver side.

(2) When installing the door sill on the correct side, the word “CAMRY” is toward the front of the vehicle (Fig. 6-1).

⚠ NOTE: “RH” and “LH” is indicated on the back of the door scuff plate.



⚠ (b) Line up the 2 clips with the mounting holes in the body. **Gently** push the door scuff plate down to insert the clips (Fig. 6-2).

(1) Ensure the clip that is denoted as 1st in Fig. 5-8 is aligned and clipped into the rocker panel prior to engaging the second clip.

⚠ (2) Make sure the door scuff plate is properly snapped down in place with no lifting or uneven gaps around the edges.

7. Test the Illuminated Door Sills.

- (a) Temporarily reconnect the negative battery terminal. If required, install the short pin.
- (b) Press in the front door courtesy switches to check the function of the front door scuff plates.
 - (1) The door sill light should be on with the door open (Fig. 7-1).
 - (2) The door sill light should turn off after 15 seconds when the corresponding door courtesy switch is pressed in.
 - (3) Repeat Step 7 on the other side.



Fig. 7-1

8. Reassemble the Vehicle.

- (a) Tighten the negative battery cable (Fig. 8-1 and Fig. 8-2).
 - (1) Position the negative battery cable at the original factory position.
 - (2) Tighten the nut.
- ⚠ Torque: 48 in-lbf (5.4 N-m)**
- +** (3) Do not touch the positive battery terminal with any tool when replacing the cable.
 - (b) Follow the disassembly instructions in reverse order to reinstall all of the parts.

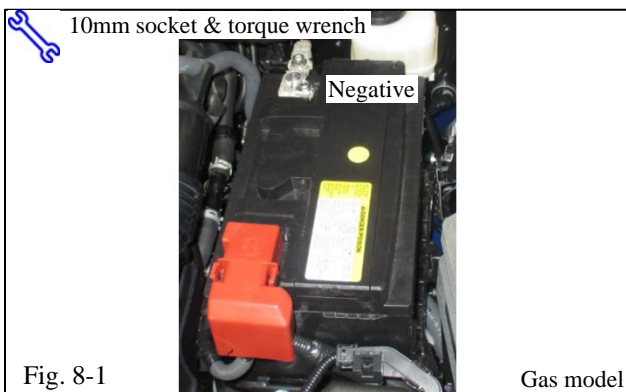


Fig. 8-1

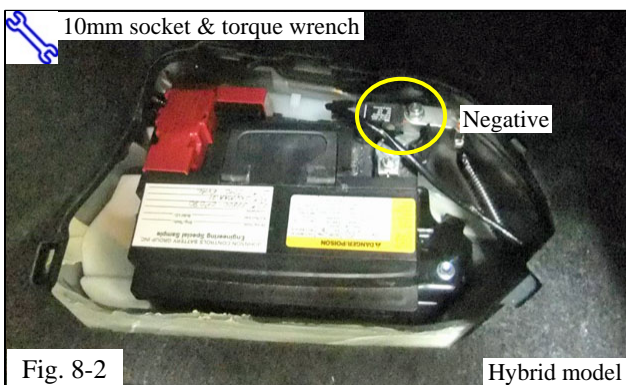


Fig. 8-2

9. Complete the Installation.

- (a) Perform any accessory or vehicle function checks.
- (b) If required, replace the short pin to its original position.
- (c) Clean up and remove any trash.

TOYOTA CAMRY/HV 2018 - ILLUMINATED DOOR SILLS
 Checklist - these points **MUST** be checked to ensure a quality installation.

<u>Check:</u>	<u>Look For:</u>
<p><u>Accessory Function Checks</u></p> <p><input type="checkbox"/> Door sill fitment</p> <p><input type="checkbox"/> Open the front doors</p> <p><input type="checkbox"/> Press the front courtesy switch on each side</p>	<p>No uneven gaps around the edges, clips should be securely fastened.</p> <p>The front door sill lights should turn on.</p> <p>The front door sill lights should turn off for each side after 15 seconds.</p>
<p><u>Vehicle Function Checks</u></p> <p><input type="checkbox"/> Footwell lights</p> <p><input type="checkbox"/> Check hood release</p>	<p>Both driver and passenger footwell lights to operate normally.</p> <p>Hood should open when hood release is pulled</p>
<p><u>Vehicle Appearance Check</u></p> <p><input type="checkbox"/> After accessory installation and removal of protective cover(s), perform a visual inspection.</p>	<p>Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMS Accessory Quality Shipping Standard.)</p>