

Part Number: PT942-53210-XX

Kit Contents

Item #	Quantity Reqd.	Description
1	2	Front Door Sills
2	2	Rear Door Sills
3	1	Hardware Kit

Hardware Bag Contents - 1

Item #	Quantity Reqd.	Description
1	4	T-Tap Connectors
2	16	Cable Ties
3	2	Wire Bridge Clips

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1	1	Scissors
2	1	Tape
3		
4		

Conflicts

None

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Goggles	
Seat Covers/Blanket	
Floor Protectors	
Special Tools	Notes
None	
Installation Tools	Notes
Screwdriver	Phillips, #2
Nylon Panel Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-01
Side Cutters	To Trim Wire Ties
Long Nose Pliers	For Cowl Panel Clips
Pliers	For Wire Taps
10mm Socket & Ratchet or 10mm Wrench	For Negative Battery Cable
Torque Wrench	For Negative Battery Cable
Special Chemicals	Notes
Cleaner	Approved Cleaner

General Applicability

MY21 and newer IS models

Recommended Sequence of Application


Item #	Accessory
1	Rear Entertainment System
2	Glass Breakage Sensor
3	Illuminated Door Sill


*Mandatory


Vehicle Service Parts (may be required for reassembly)


Item #	Quantity Reqd.	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.

 **REGULATORY MARK:** This mark indicates the component is related to regulatory compliance



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 Lexus dealer for a copy of this document.

1. Disassemble the Vehicle.



(a) Set the parking brake.

(b) Remove the negative battery cable (Fig. 1-1).



(1) Protect the fender before starting.

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

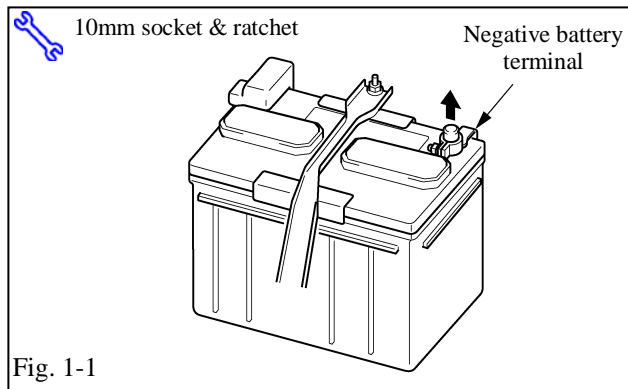


Fig. 1-1

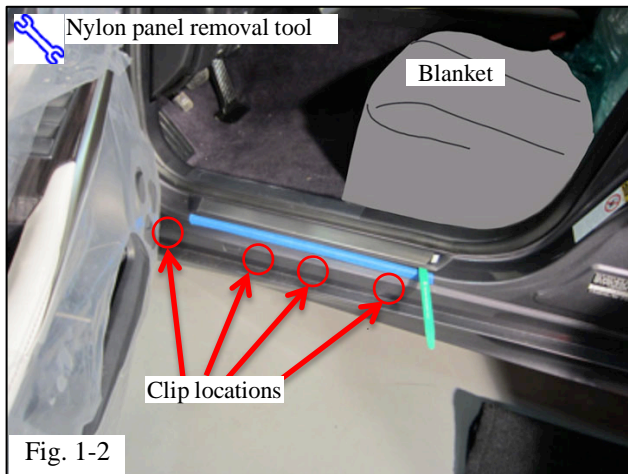


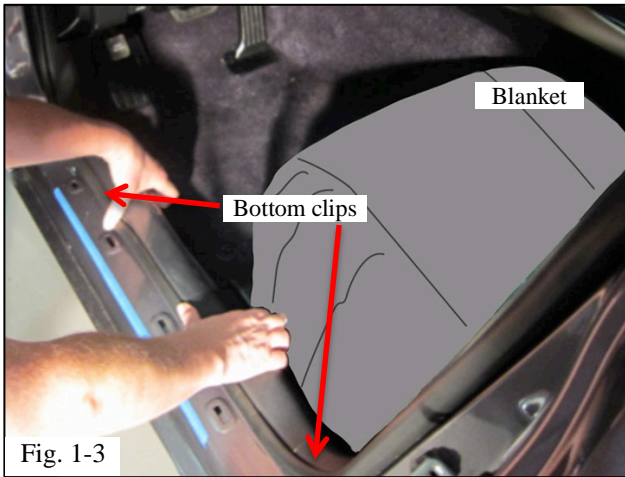
Fig. 1-2

(c) Install masking tape on the front door sill edge on the driver's side of the vehicle (Fig. 1-2).

(d) Remove the front driver's side door sill trim piece (Fig. 1-2).

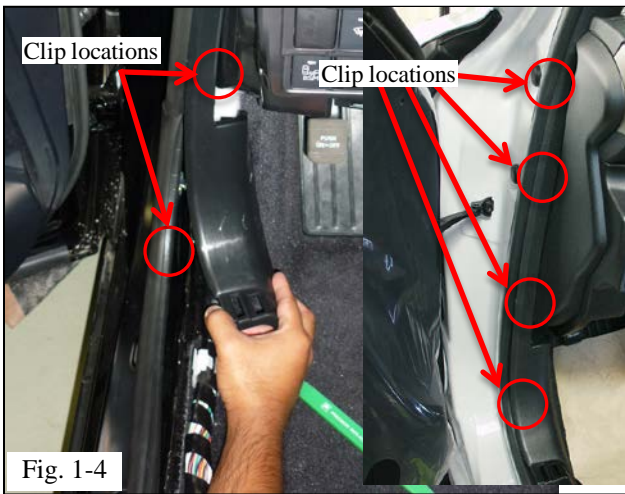
(1) Use a nylon panel removal tool to carefully lift the door sill trim piece to disengage the four (4) clips.

(2) Remove the masking tape. Make sure there is no tape residue remaining.



(e) Remove the front driver's inner door sill trim (Fig. 1-3).

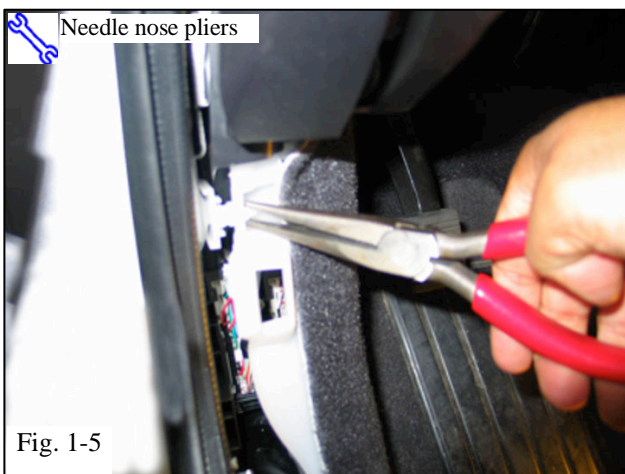
⚠ CAUTION: Do not bend or break the bottom clips at either end of the sill trim.



(f) Remove the kick panel trim piece from the vehicle by pulling rearward to disengage the four (4) clips while holding the weather strip at the clip locations (Fig. 1-4).

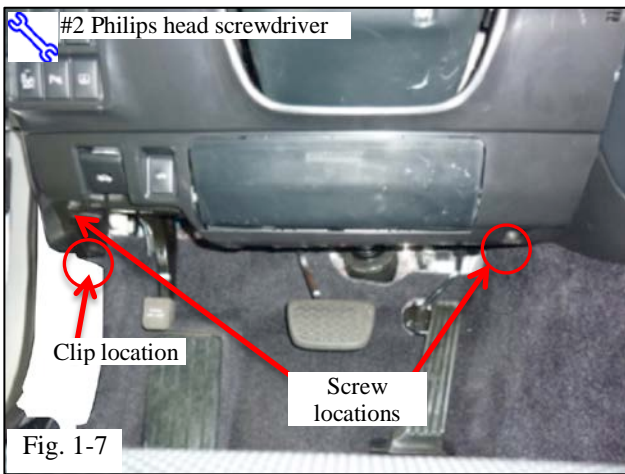
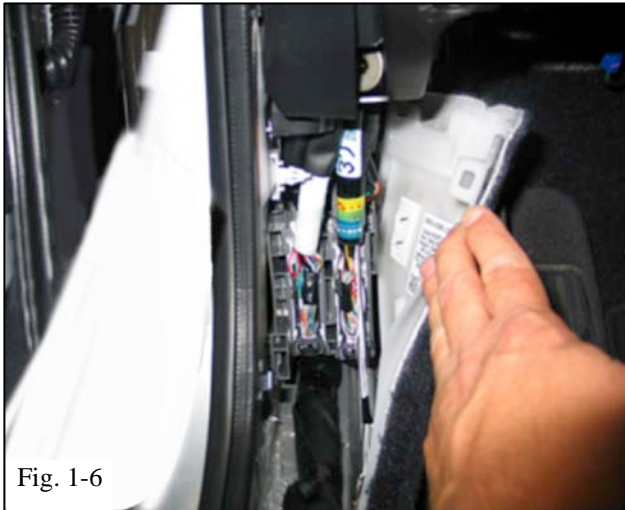
⚠ NOTE: Do NOT remove the weather strip.

⚠ CAUTION: Do NOT pull the weather strip off! (Hold the weather strip at clip area while pulling back the kick panel).

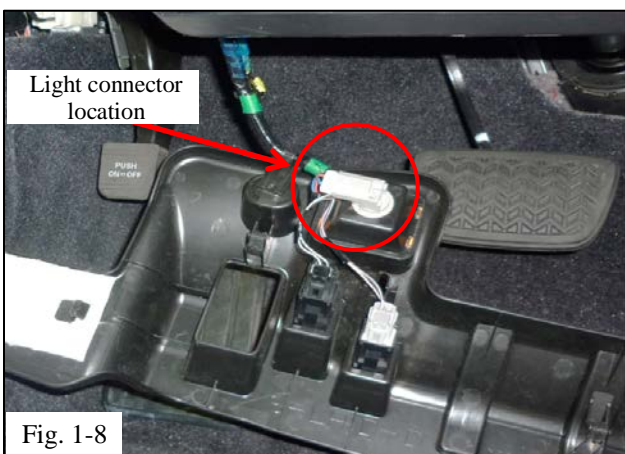


(g) Disengage the clip on the carpeted kick panel by squeezing it together with needle nose pliers and pulling the kick panel towards the interior of the vehicle (Fig. 1-5 & Fig. 1-6).

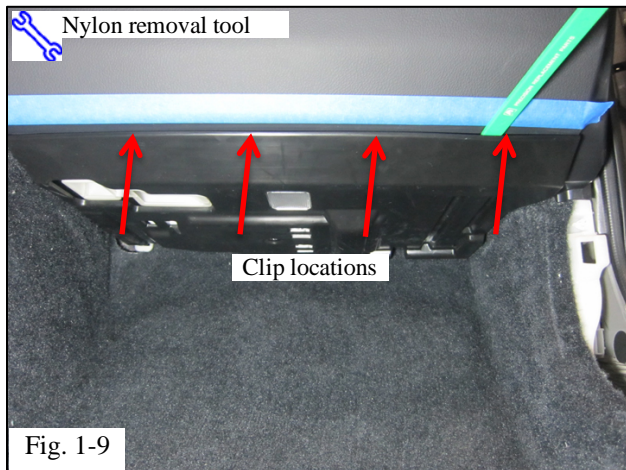
(h) Repeat Step 1(c) through Step 1(h) on the passenger's side of the vehicle.



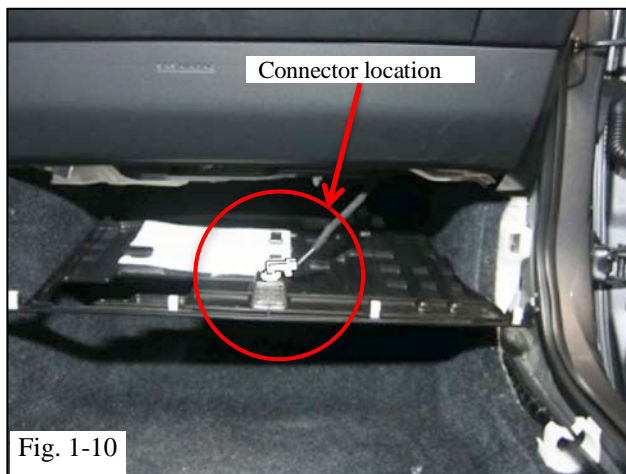
- (i) Remove the two screws and release one clip from the driver's side under dash trim panel (Fig. 1-7).



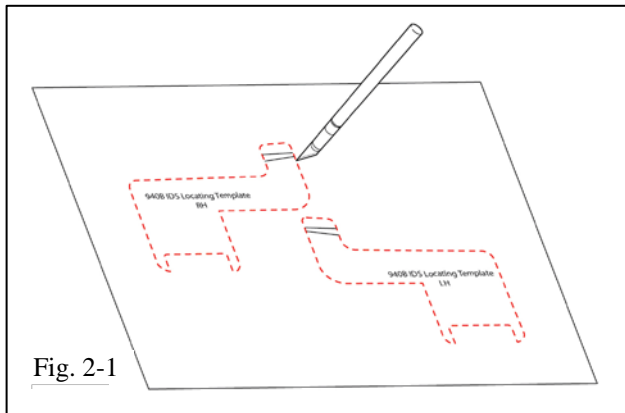
- (j) Pull the driver's side under dash trim panel down to expose the foot light connector and disengage the connector (Fig. 1-8).
- (k) Remove the harness holder, disconnect the remaining connectors and then remove the panel from the vehicle.



- (l) Place masking tape, unless protected, on the bottom edge of the passenger's side knee panel. Use a nylon removal tool to release the 4 clips as shown on the lower trim panel (Fig. 1-9).

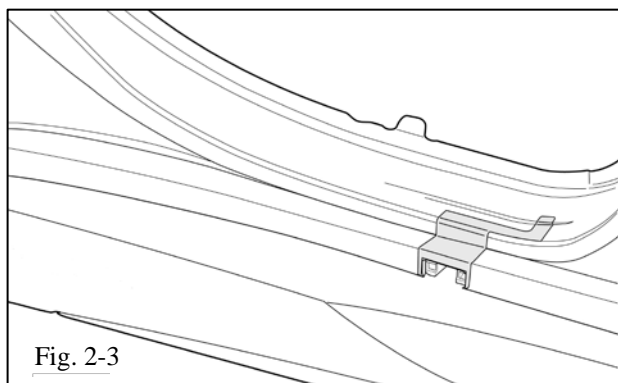
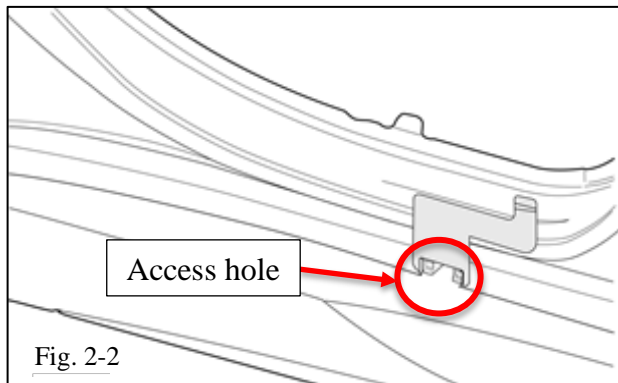


- (m) Lower the panel to expose the foot light connector. Disengage the connector and remove the panel. Remove the masking tape. Make sure no tape residue is remaining (Fig. 1-10).



2. Installation Preparation

- (a) Locate the paper template from kit contents.
If printing, the template should be a 1:1 scale on an 8.5"x11" paper.
- (b) Using a razor knife (Xacto type), cut the template out as shown. (Fig. 2-1)
 - (1) Make sure to cut the hole locator on the long tab.
- (c) Remove the access hole cover and save for use later (Fig. 2-2)
- (d) Align the lower cut out section to the open cap hole on lower rocker (Fig. 2-2)



- (e) Fold the paper template up the rocker to contour the vehicle surface and tape the template in place. (Fig. 2-3)

3. Install the Rear Door Sills

⚠ NOTE: The door sills are identified on the bottom with an “L” (driver’s side) and “R” (passenger’s side) label respectively.

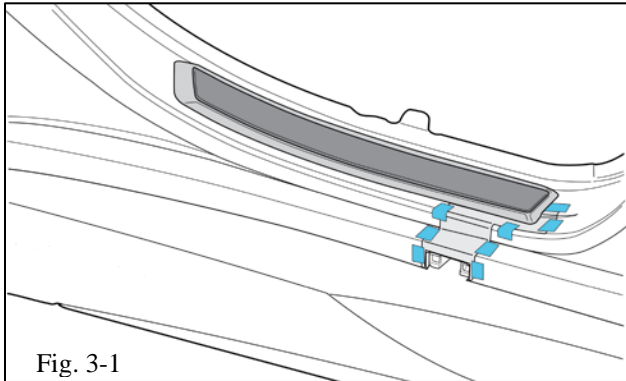
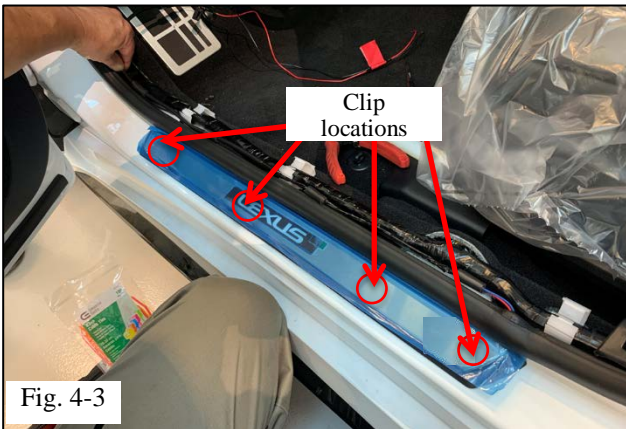
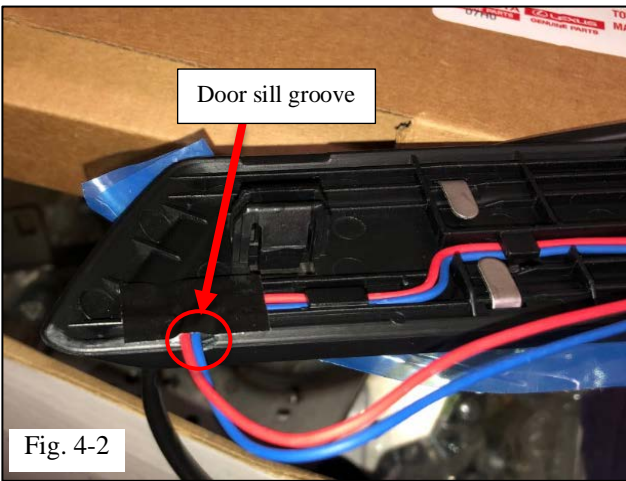


Fig. 3-1

- (a) Remove liner from tape on bottom of sill and carefully place on vehicle using template alignment. Press firmly across the sill to ensure proper adhesion (Fig. 3-1).
- (b) Reinstall the access hole cover, which was removed in step 2c.
- (c) Repeat on the passenger’s side.
- (d) Figure 3-2 shows installed door sill.



Fig. 3-2



4. Install the Driver's Side Front Unit.

- (a) Locate the soft portion of the weather strip at rear of the driver's side door opening; it is located aft of the rear clip hole (Fig. 4-1).
- (b) Locally lift the weather strip to reveal the pinch weld (Fig. 4-1).
- (c) Route the harness, attached to the door sill, through the soft portion of the seal (Fig. 4-1).
- (d) Pull the harness completely through the seal (Fig. 4-1).
- (e) Ensure that the harness sits on the door sill groove and will not be pinched when installed (Fig.4-2).

⚠ CAUTION: Make sure the harness sits on the door sill groove as mentioned in step 4e and Fig. 4-2.

- (f) Install the illuminated door sill by engaging the four (4) clips. Press down firmly in each of the clip locations to make sure the clips are fully engaged (Fig. 4-3).

⚠ CAUTION: Make sure to hear the clips click into place & that there is no gap. Aligning the clips to the holes makes the clips easier to clip down.

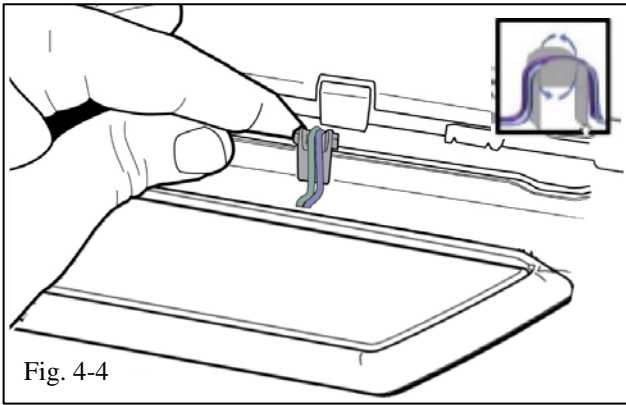


Fig. 4-4

- (g) Cradle the sill wires in the bridge clip and secure the door sill wires to the pinch clip with electrical tape. Install the bridge clip over the pinch weld in the vehicle sheet metal and tape down (Fig. 4-4).
- (h) Reinstall the weather strip over the top of the bridge clip.

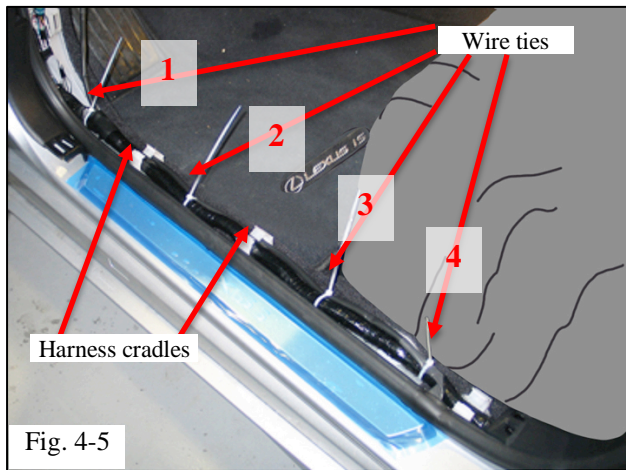


Fig. 4-5

- (i) Route the door sill harness forward through the two (2) existing harness cradles, along the outside edge of the vehicle harness, and secure it with four (4) cable ties (Fig. 4-5).

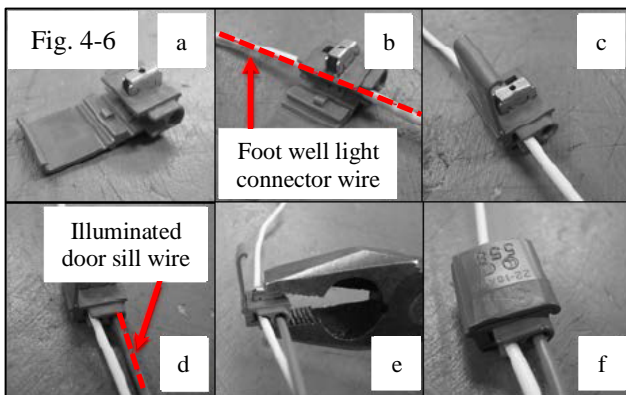
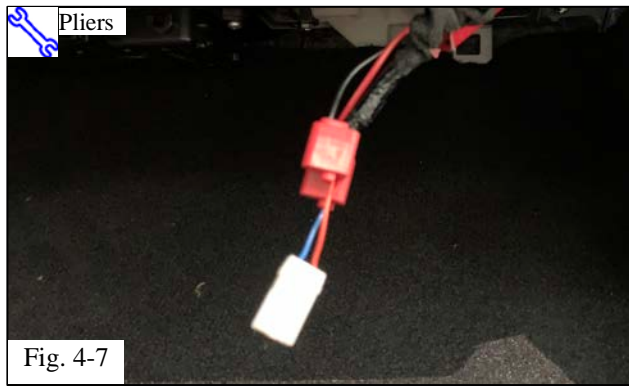


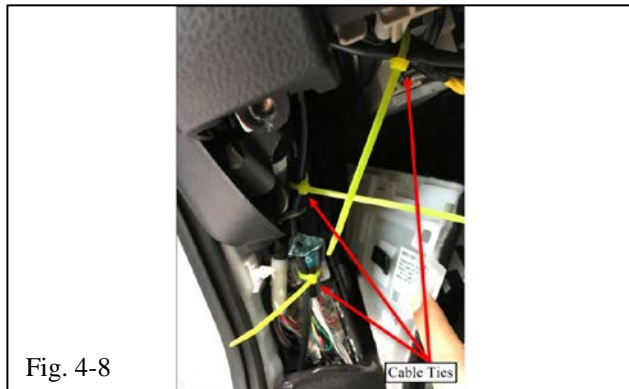
Fig. 4-6

- (j) Review the instructions on how to properly use wire taps (Fig. 4-6).



- (k) Apply wire T-Taps to connect the door sill wires to the footwell light power source connector wires (Fig. 4-7). T-tapping should occur between black OE zip tie and foot lamp connector.

⚠ NOTE: Ensure wires are attached blue to blue and red to red.

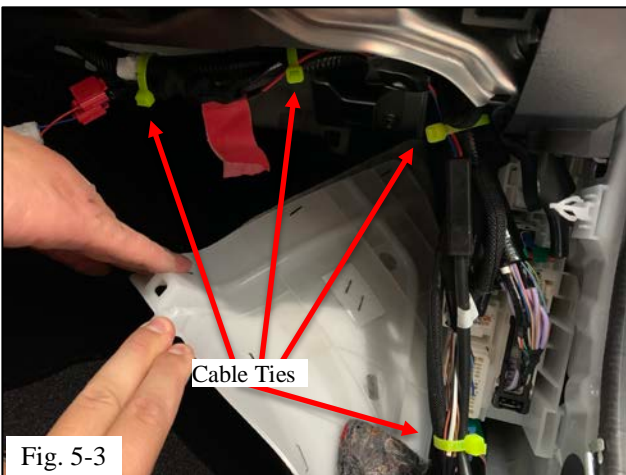
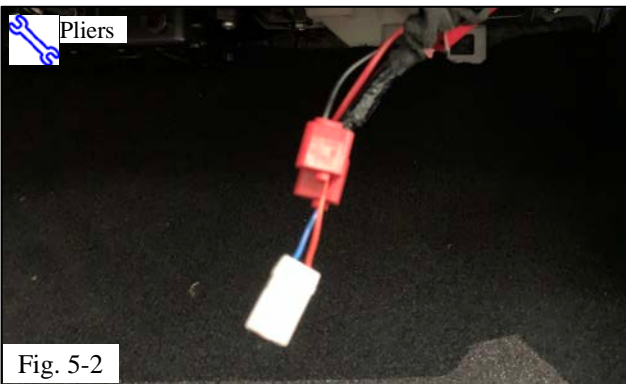
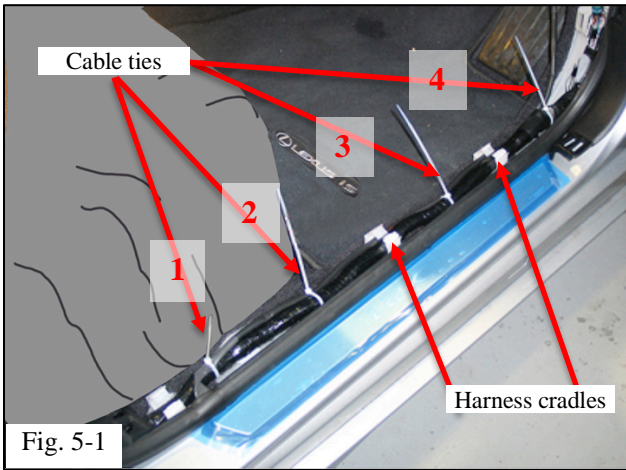


- (l) Secure the wire routing with 3 additional cable ties, placing 2 up along the vehicle harness and 1 along the footwell lamp harness (Fig. 4-8).

⚠ NOTE: Be sure not to cable tie directly to bare wires.



- (m) There is a block in the kick panel which may need to be removed temporarily to route the wire harness (Fig. 4-9). Reinstall the block after routing the wire harness.



5. Install the Passenger's Side Front Unit.

- (a) Repeat steps 4(a)-4(h)
- (b) Route the door sill harness forward through the two (3) existing harness cradles, along the outside edge of the vehicle harness, and secure it with four (4) cable ties (Fig. 5-1).

- (c) Apply wire T-Taps to connect the door sill wires to the footwell light power source connector wires (Fig. 5-2).

⚠ NOTE: Ensure wires are attached blue to blue and red to red.

- (d) Continue running the wire up and along the foot lamp harness and secure it with four (4) cable ties. Reconnect the connector to the foot lamp (Fig. 5-3).

7. Perform an In-Process Functional Test.

- (a) Temporarily reconnect the battery negative cable.
- (b) Turn the ignition key to the ACC position.
- (c) Confirm that the illuminated door sills function properly.
 - (1) Door open – Front door sills are illuminated.
 - (2) Door closed – Front door sills are not illuminated.
- (d) Disconnect the battery negative cable.

8. Reassemble the Vehicle.

(a) Reassemble the vehicle in the opposite order that it was disassembled.

(b) Reconnect the battery negative cable (Fig. 7-1).

S **Torque: 5.4 N-m (48 lbf-in)**

+ (c) Be careful not to touch the positive battery terminal with any tools.

(d) Clean up and remove any trash.

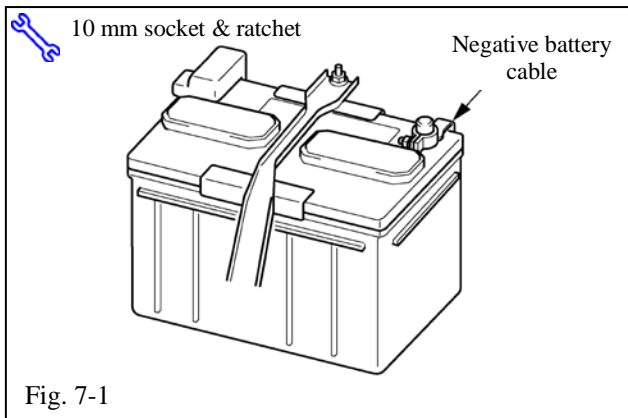


Fig. 7-1

LEXUS IS 2021 - ILLUMINATED DOOR SILLS
 Checklist - these points **MUST** be checked to ensure a quality installation.

Check:

Look For:

Accessory Function Checks

- Illuminated Door Sills

*Verify the proper operation of the Illuminated Door Sills.

Door open – Front door sills are illuminated.

Door closed – Front door sills are not illuminated.

Vehicle Function Checks

- Dome light.
- Foot well lighting.
- Door courtesy lights
- Pre-Collision Sensor Switch
 (The PCS Switch is located on the lower front kick panel on driver’s side. The light is located on the main dash cluster)

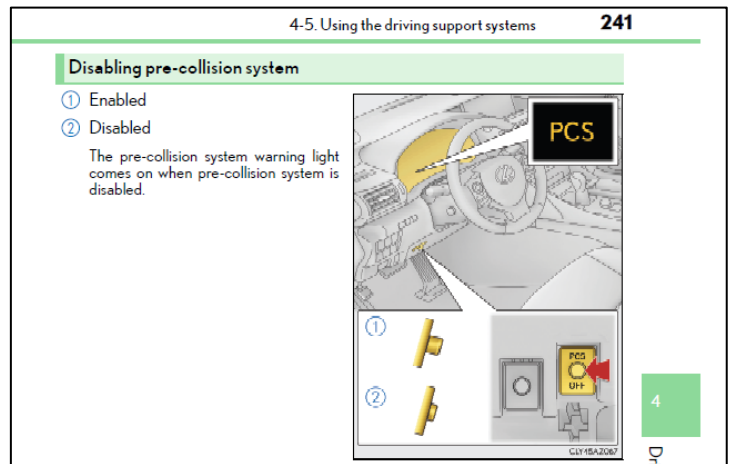
Proper operation of the dome light.

Proper operation of the foot well lighting.

Front door courtesy lights should operate normally.

- **Disable** the PCS switch to verify the warning light comes on.
- **Enable** the PCS switch and verify the warning light goes off.

- Power door locks, power mirrors, power windows
- Smart key functions



should function normally.

Smart key functions should operate normally.

LEXUS IS 2021 - ILLUMINATED DOOR SILLS

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

Check:

- Tail lights, brake lights, reverse lights, rear turn signals, hazard lights, license plate light
- Parking brake light
- High beam dash light
- Dimmer switch
- HVAC

Look For:

All rear lights should operate normally.

Apply the parking brake and confirm the brake dash light comes on.

Turn on the headlights, activate the high beams and verify the high beam dash light comes on.

Dimmer switch operates properly.

HVAC system operates properly.

Vehicle Appearance Check

- 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 TMNA Accessory Quality Shipping Standard.)

