

**Part Number: PT922-30120 (GS350)  
PT922-30130 (GS450h)**

**NOTE:** Part number of this accessory may not be the same as the part number shown.

**Kit Contents**

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

**Hardware Bag Contents**

Item #	Quantity Req'd.	Description
1	4	Scotchlocks 558
2	32	25cm Wire Ties
3	2	Tape, Foam 60 x 90 mm

**Additional Items Required For Installation**

Item #	Quantity Req'd.	Description
1	N/A	

**Conflicts**

--

**Recommended Tools**

<b>Personal &amp; Vehicle Protection</b>	<b>Notes</b>
Safety Glasses	
Safety Gloves	Optional
Vehicle Protection	Blankets, Part Boxes
<b>Special Tools</b>	<b>Notes</b>
Nylon Panel Removal Tool	
<b>Installation Tools</b>	<b>Notes</b>
Socket or wrench	10mm
Socket wrench	
Phillips Head Screw Driver	No. 2
Side Cutters	For Wire Ties
Pliers	For Scotchlocks
Torque Wrench	48in-lbf
Electrical Tape	Black
<b>Special Chemicals</b>	<b>Notes</b>
All Purpose Cleaner	Mild, water based, solvent free all purpose cleaner.

**General Applicability**

Gas (GS350) uses PT922-30120, Hybrid (GS450h) uses PT922-30130
---

**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'd.	Description
1	N/A	
2		
3		

**Legend**

	<b>STOP:</b> Damage to the vehicle may occur. Do not proceed until process has been complied with.
	<b>OPERATOR SAFETY:</b> Use caution to avoid risk of injury.
	<b>CAUTION:</b> 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.
	<b>TOOLS &amp; EQUIPMENT:</b> Used in Figures calls out the specific tools and equipment recommended for this process.
	<b>REVISION MARK:</b> This mark highlights a change in installation with respect to previous issue.
	<b>SAFETY TORQUE:</b> This mark indicates that torque is related to safety.

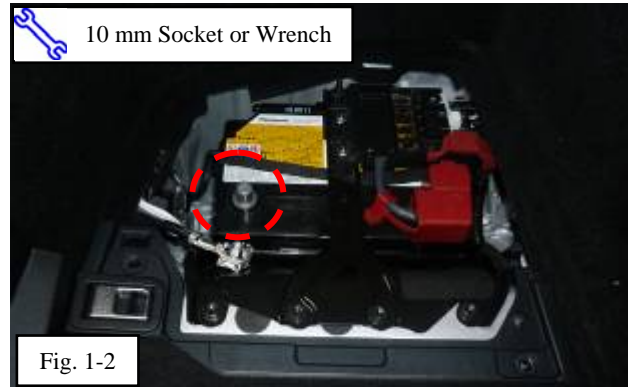
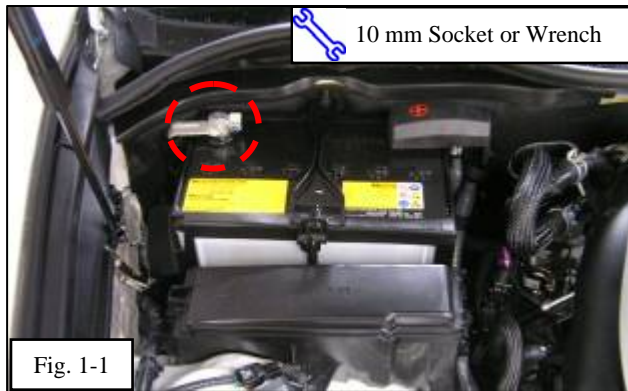
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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. Preparation

- (a) Inspect all kit components and check for damage or missing parts.
- (b) Locate and remove the negative battery cable.

**For Gas Models (GS350), the battery is located in the engine compartment.**

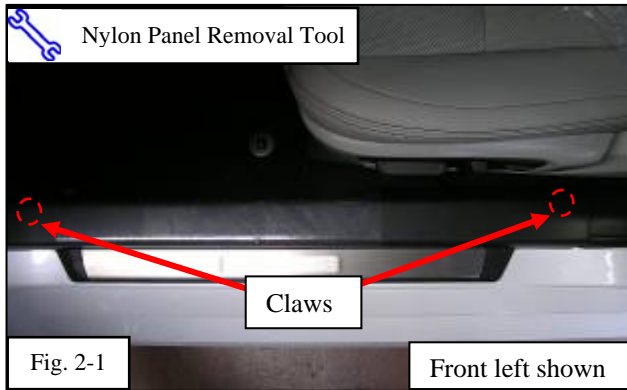
- (1) Remove the negative battery cover.
- (2) Remove the negative battery cable using a 10mm wrench or socket and set aside. (Fig 1-1)

- +** (3) Do not touch the positive terminal with any part of the tool when removing cable.

**For Hybrid Models (GS450h), the battery is located in the trunk.**

- (1) Remove the battery cover.
- (2) Remove the negative battery cable using a 10mm wrench or socket and set aside. (Fig 1-2)

- +** (3) Do not touch the positive terminal with any part of the tool when removing cable.

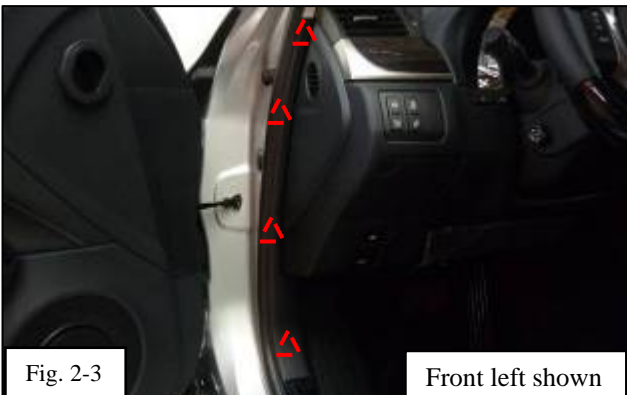
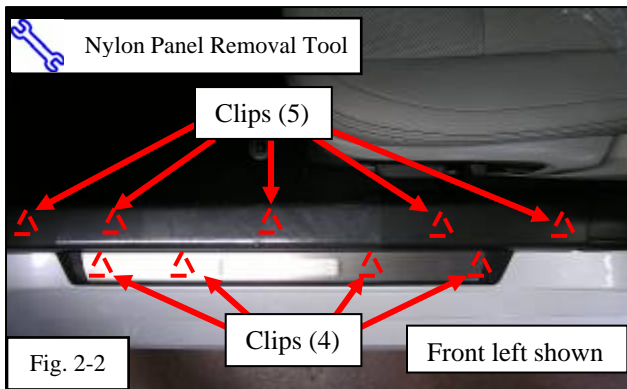


## 2. Vehicle disassembly

(a) Remove the front left and front right door scuff panels.

(1) Disengage the 2 claws at the front and rear bottom corners. (Fig. 2-1)

(2) Disengage the 9 clips and remove the panel from the vehicle. (Fig. 2-2)

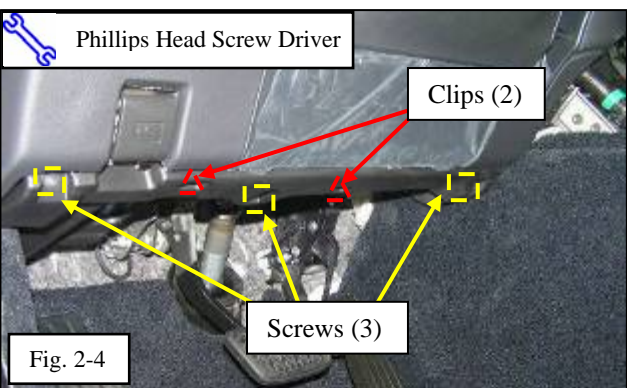


(b) Remove the front left and right front door opening trim cover (Fig. 2-3)

(1) Disengage 4 clips starting at the bottom of the panel.



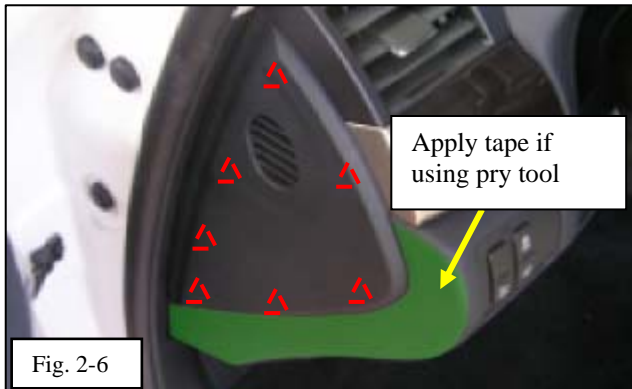
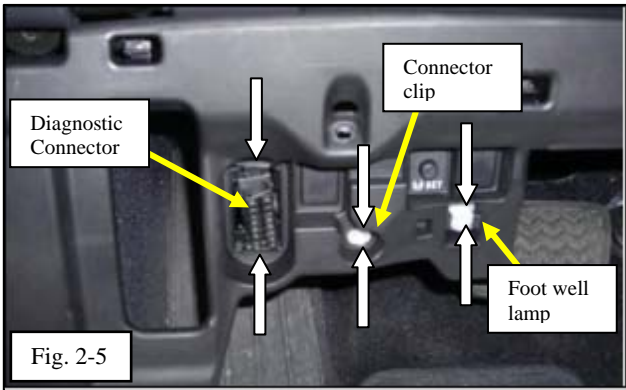
(2) Use caution when disengaging the top clip. Top clip is fragile.



(c) Remove driver side IP under cover. (Fig. 2-4)

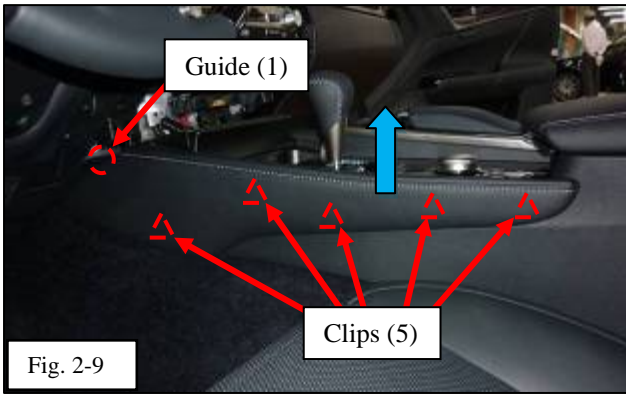
(1) Remove 3 screws with Phillips Head Screw Driver.

|| (2) Disengage 2 clips by pressing in on the clip tabs.



- || (d) Disconnect all connectors and harness clips and remove foot well lamps from panel.
  - (1) Pinch clips together (white arrows) on diagnostic port connector and push the connector through the back of the panel. (Fig 2-5)
  - (2) Pinch clips on connector clip and push clip through panel. (Fig 2-5)
  - (3) Pinch clips on foot well lamp and push lamp through the back of the panel. (Fig 2-5)
  - (4) Disconnect all other electrical connectors.
- || (5) Disengage the harness clip on the back side of the panel.
- (e) Remove driver side instrument side panel by disengaging 7 clips. (Fig. 2-6)
- (f) Remove instrument panel garnish by disengaging 4 clips. (Fig 2-7)
- (g) Remove center cluster finish panel. (Fig. 2-8)
- ⚠ (1) Ensure cup holder door is closed.
- (2) Open glove box to start removing panel in a counter clockwise direction.
- (3) Disengage 9 clips.
- || (4) Disconnect all connectors from panel, and remove the panel.
- || (5) Close the glove box.

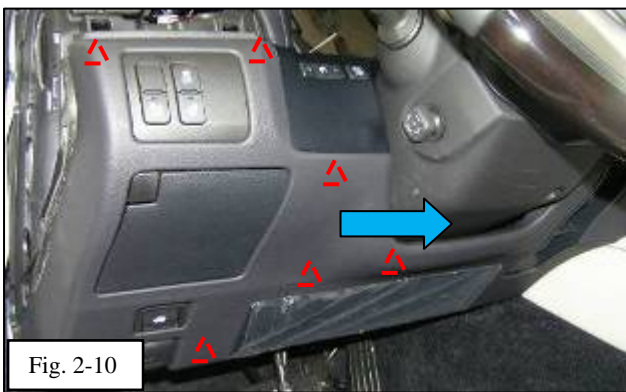




(h) Remove driver side center console side panel. (Fig. 2-9)

(1) Disengage 5 clips by pulling in direction of blue arrow.

|| (2) Once clips are disengaged pull away towards rear of vehicle to disengage guide.

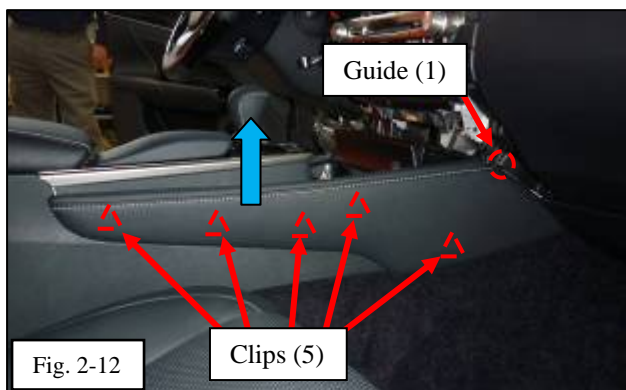
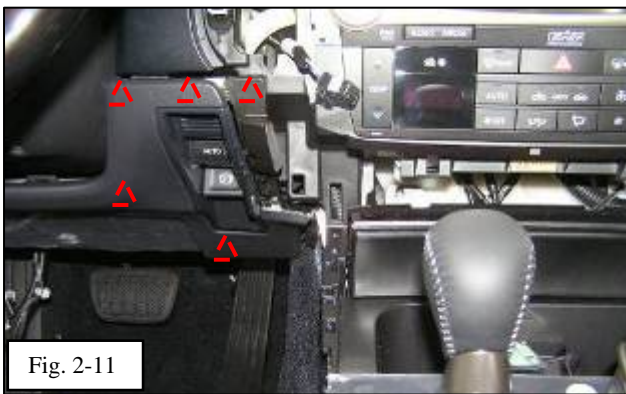


(i) Remove driver side lower instrument panel. (Fig. 2-10 & 2-11)

(1) Disengage 11 clips.

|| (2) Pull panel outward toward the rear of the vehicle (blue arrow).

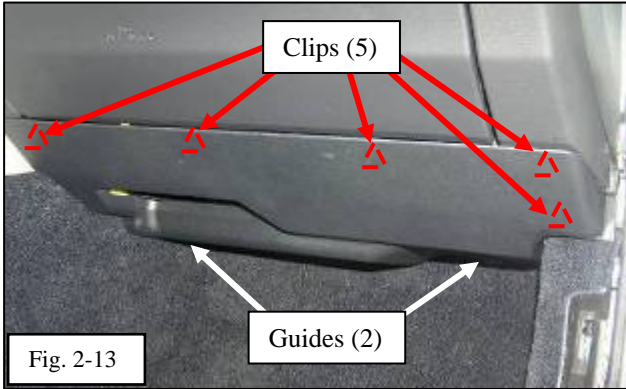
(3) Disconnect all connectors from panel.



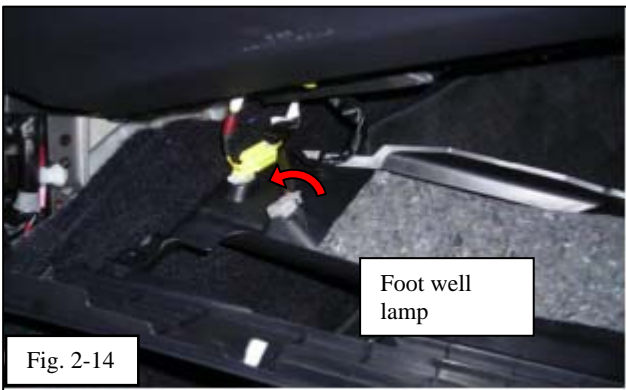
(j) Remove passenger side center console side panel (Fig. 2-12)

(1) Disengage 5 clips by pulling in direction of blue arrow.

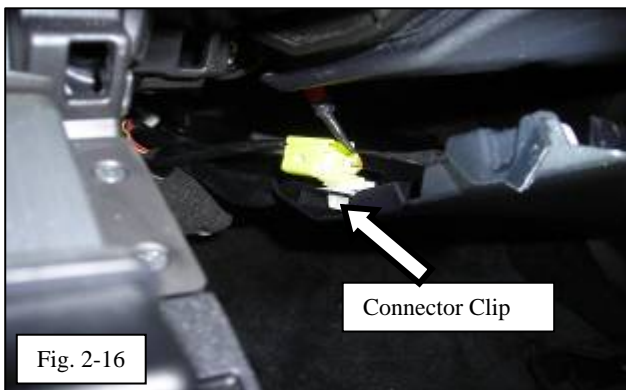
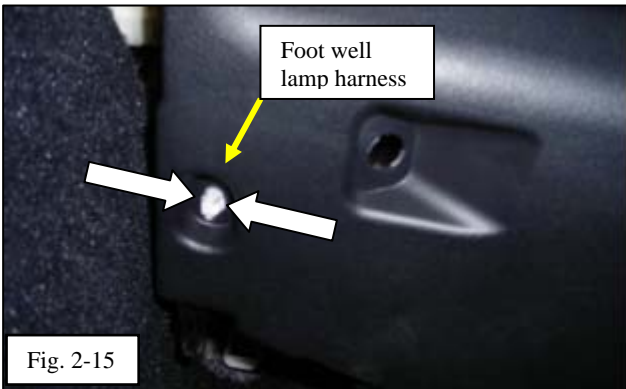
|| (2) Once clips are disengaged pull away toward the rear of the vehicle to disengage guide.

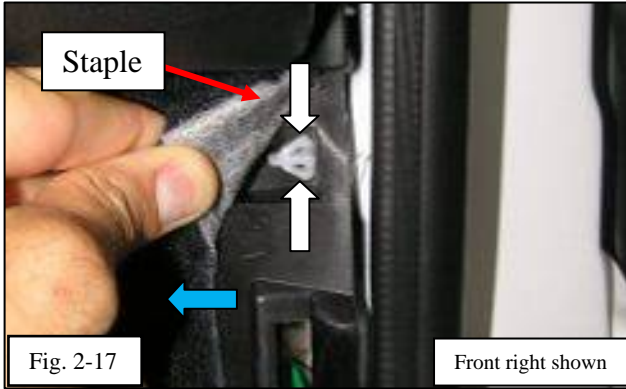


- (k) Remove passenger IP under cover. (Fig. 2-13)
  - (1) Disengage 5 clips.
  - || (2) Pull panel outward toward the rear of the vehicle to disengage 2 guides.



- || (1) Disengage all harness clips and foot well lamp from back of panel.
  - (1) Rotate foot well lamp ¼ turn and remove from back of panel. (Fig 2-14)
  - (2) From the bottom of the panel, disengage foot well lamp harness clip. (Fig 2-15)
  - (3) Disengage the connector clip from the side of the panel and. (Fig 2-16)
  - (4) Remove the panel from the vehicle.





|| (m) Disengage front left and right inner cowl panels. (Fig. 2-17)

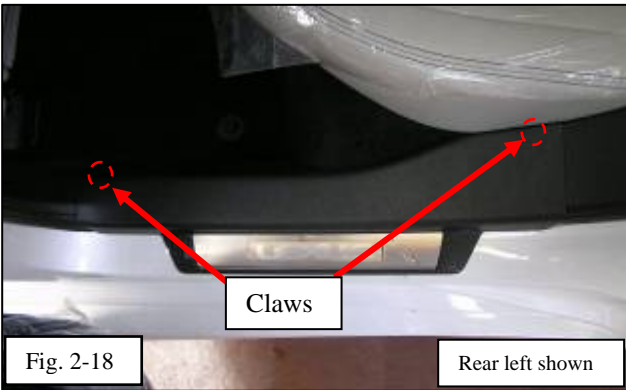


(1) Gently pull back carpet to reveal clip.



(2) DO NOT tear carpet from staple at top.

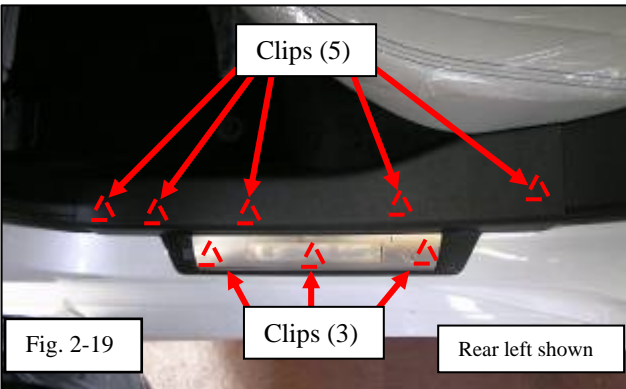
(3) Press clip tines in (white arrows) and pull cowl panel away from sidewall (blue arrow), disengaging hook-and-loop tape.



(n) Remove Driver and Passenger side rear door scuff plates.

(1) Disengage the 2 claws from the front and rear bottom corners. (Fig 2-18)

(2) Disengage the 8 clips and remove the panel from the vehicle. (Fig. 2-19)



### 3. Route Driver Side Front (left) Illuminated Door Sill Harness.

(a) Locate front LH door sill.



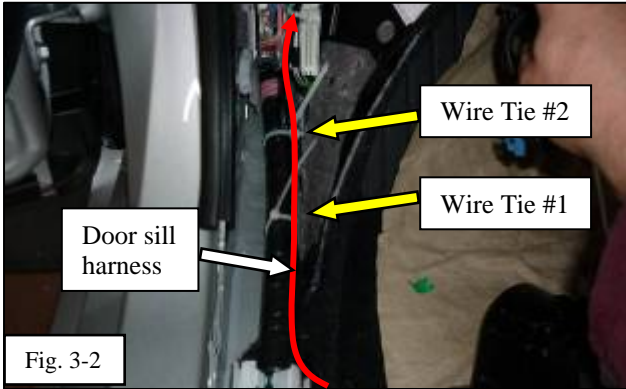
(1) "LH" is indicated on the back of the door sill.



(2) The back of the door sill will have a white dot to indicate the door sill is for the gas model (GS350), or a blue dot to indicate the door sill is for the hybrid model (GS450h).


(3) When standing outside the vehicle the word "LEXUS" will read from left to right. (Fig 3-1)

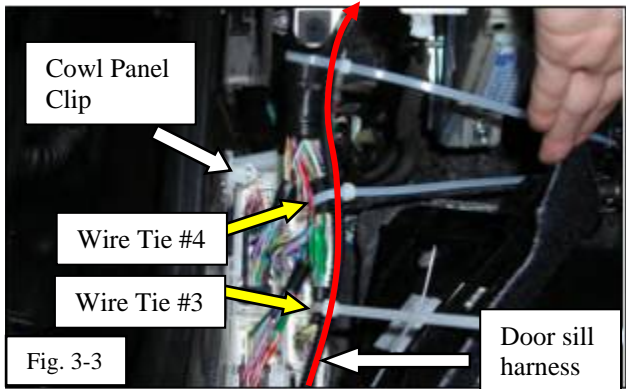




(b) Route the door sill harness along the OE harness toward the front of the vehicle as shown in Fig 3-2.


(1) Secure the door sill harness to the OE harness LOOSELY with two (2) wire ties as shown.


 (2) Wire ties should be loose so wire can be adjusted.





(c) Continue to route the harness upwards toward the driver side junction box (Fig 3.3)


(1) Secure the door sill harness to the OE harness LOOSELY with three (3) wire ties as shown.

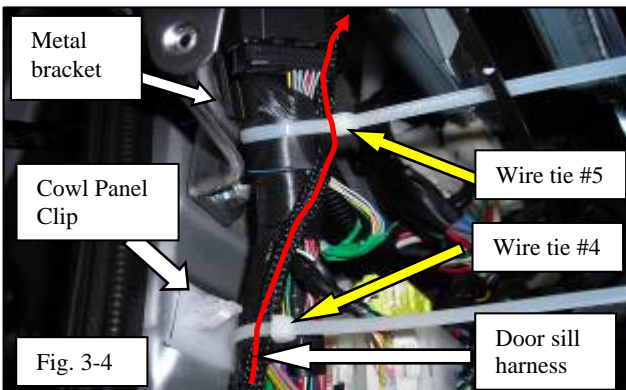
 (2) Wire tie #4 must be position close to the cowl panel clip to prevent the clip from contacting the harness. (Fig. 3-4)

 (3) Keep wire harness away from metal bracket edges. (Fig. 3-4)

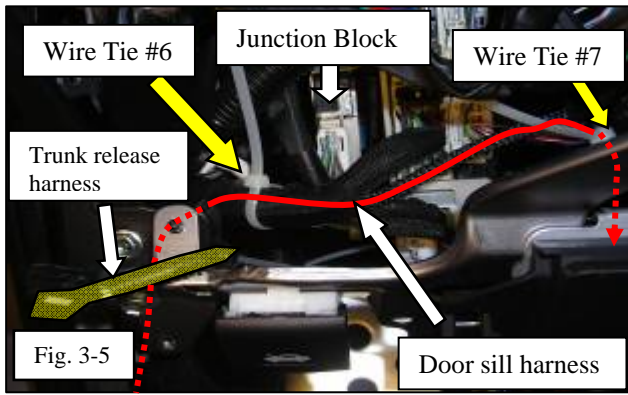
 (4) Wire ties should be loose so wire can be adjusted.

 (5) Ensure any unprotected OE wires are wrapped with electrical tape before applying wire ties around them.

 (6) Door sill wire harness should be on the inside of the OE wire harness to prevent pinching when cowl panel is re-installed.

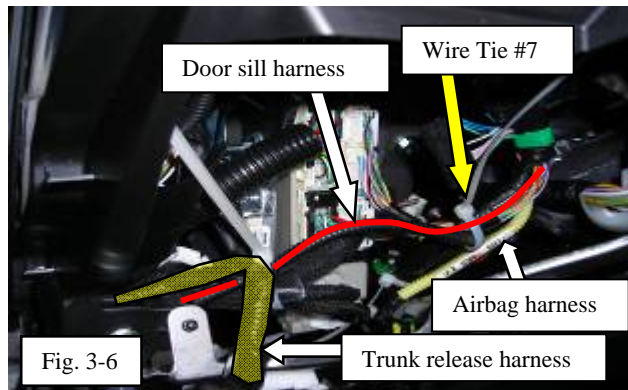









(d) Route door sill harness across driver side junction block toward foot well lamp as shown (Fig. 3-5)

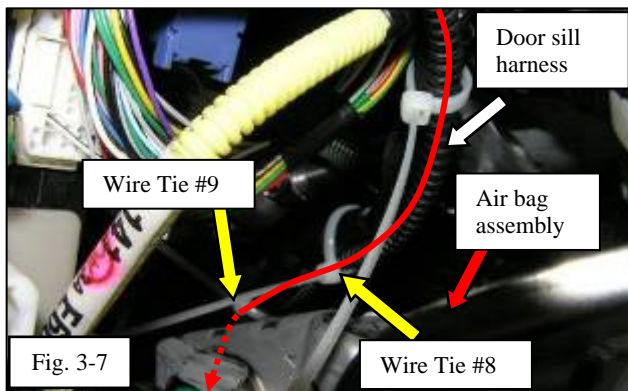
- (1) Route harness behind air bag support and across toward steering column
- (2) Secure the door sill harness to the OE harness LOOSELY with two (2) wire ties as shown. (Fig. 3-5)




 (3) Wire ties should be loose so wire can be adjusted.


 (4) DO NOT secure door sill harness to yellow airbag harness. (Fig 3-6)

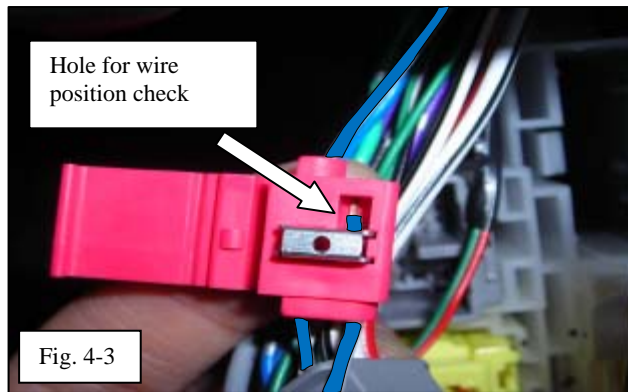
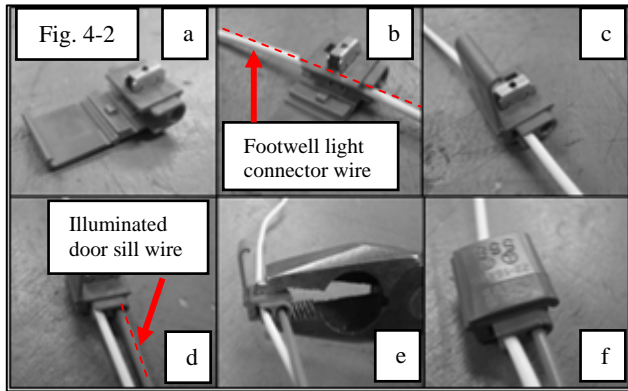
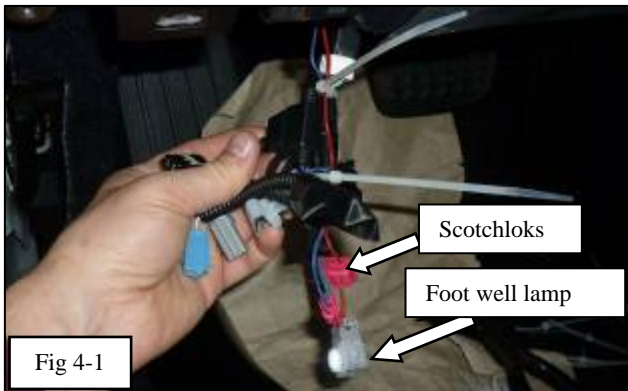
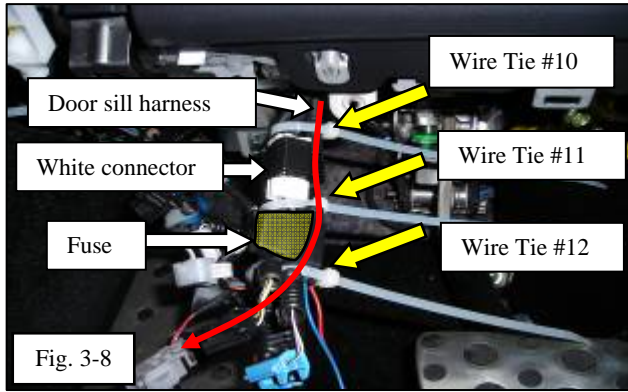
 (5) DO NOT tie the door sill harness to the trunk release harness. (Fig 3-5 & 3-6)





(e) Route harness behind air bag toward driver foot well along the OE harness. Ensure the door sill harness is secured to the OE harness between the airbag and the OE harness. (Fig 3-7)

-  (1) Secure the door sill harness to the OE harness loosely with three (2) wire ties as shown.

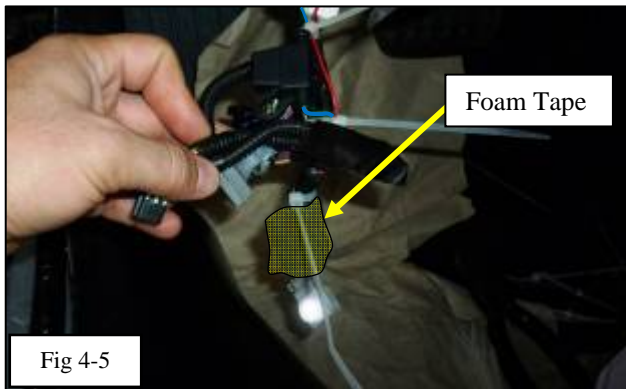
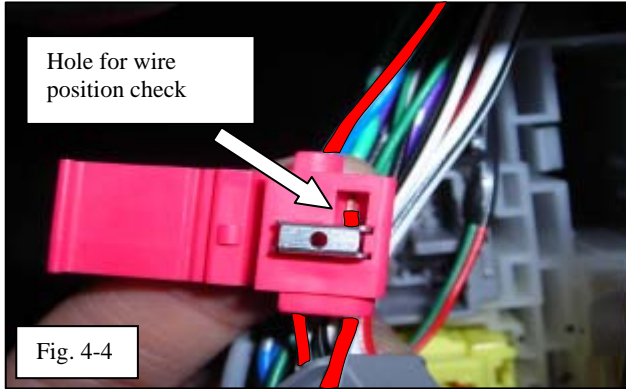
 (2) Wire ties should be loose so wire can be adjusted.



- (f) Route end of harness down toward foot well lamp with blue and red wires. (Fig. 3-8)
- (1) Secure the door sill harness to the OE harness loosely with three (3) wire ties as shown.
- || (2) The fuse should be secured between two wire ties just under the white connector.
- ||  (3) Ensure any unprotected OE wires are wrapped with electrical tape before applying wire ties around them.
-  (4) Wire ties should be loose so wire can be adjusted.

#### || 4. Install Driver Side Scotchloks

- (a) Locate the **BLUE** wire on the footwell lamp (Fig. 4-1)
- || (1) If necessary, undo the electrical tape holding the blue and gray connector ends together to get better access.
- (2) About 25mm of wire protection may need to be cut back to install scotchloks.
- || (b) Install a Scotchlok to the **BLUE** wire connected to the foot well lamp.
- (1) Position the open side of the Scotchlok on to the **BLUE** wire, approximately 10 mm from the connector end. Close the side to keep the wire in place. (Fig. 4-2 steps a-c)
- (2) Insert the **BLUE** fused wire from the illuminated door sill into the Scotchlok. You should be able to see the wire through the hole if it is inserted all the way. (Fig. 4-3)



⚠ (3) Use pliers to push down the metal tab to splice the wires. Make sure both wires are spliced correctly (Fig 4-2 steps d-e).

(4) Snap the plastic cover in place by hand (Fig. 4-2 step f).

(c) Locate the **RED** wire on the foot well lamp. (Fig. 4-1)

(d) Install a Scotchlok to the **RED** wire connected to the foot well lamp.

(1) Position a Scotchlok on the **RED** wire, just above the Scotchlok on the blue wire. Close the side to secure it on the wire (Fig. 4-2 steps a-c)

(2) Insert the **RED** wire from the illuminated door sill into the Scotchlok. You should be able to see the wire through the hole if it is inserted all the way. (Fig. 4-4)

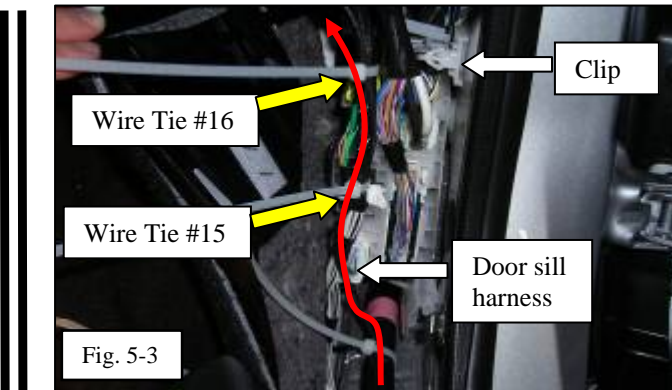
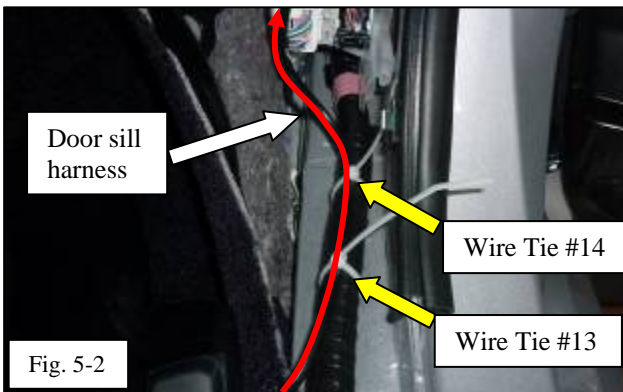
⚠ (3) Use pliers to push down the metal tab to splice the wires. Make sure both wires are spliced correctly (Fig 3-9 steps d-e).

(4) Snap the plastic cover in place by hand (Fig. 4-2 step f).

(e) Wrap the pair of Scotchloks together with one piece of foam tape. (Fig 4-5)


|| ⚠ (f) Starting at the foot well lamp, working back towards the door sill, tighten all the wire ties. Ensure there is no excess slack in the harness. Refer to Fig. 3-2 to 3-8 for wire tie locations.


⚠ (g) Trim all wire ties. Cut wire tie ends should not be facing bare wires.



**5. Route Passenger Side (RH) Illuminated Door Sill Harness.**

(a) Locate front RH door sill.


 (1) "RH" is indicated on the back of the door sill.

 (2) The back of the door sill will have a white dot to indicate the door sill is for the gas model (GS350), or a blue dot to indicate the door sill is for the hybrid model (GS450h).

(3) When standing outside the vehicle the word "LEXUS" will read from left to right. (Fig 5-1)



(b) Route the wire harness along the OE wire harness toward the front of the vehicle as shown. (Fig 5-2)


(1) Secure the door sill harness to the OE harness LOOSELY with two (2) wire ties as shown.

 (2) Wire ties should be loose so wire can be adjusted.

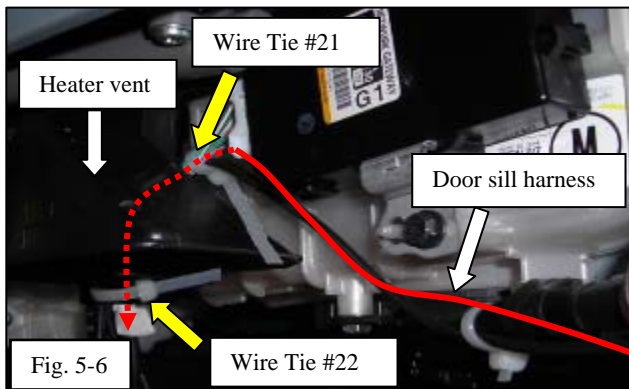
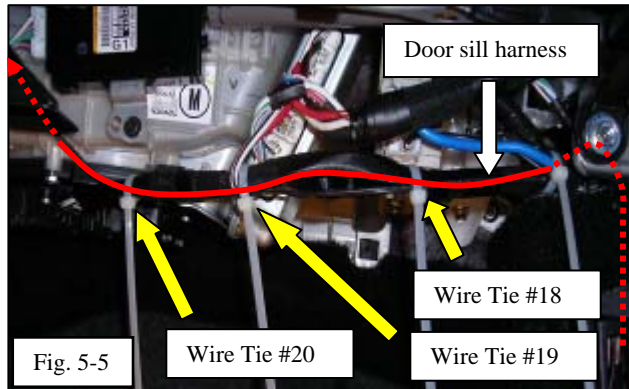
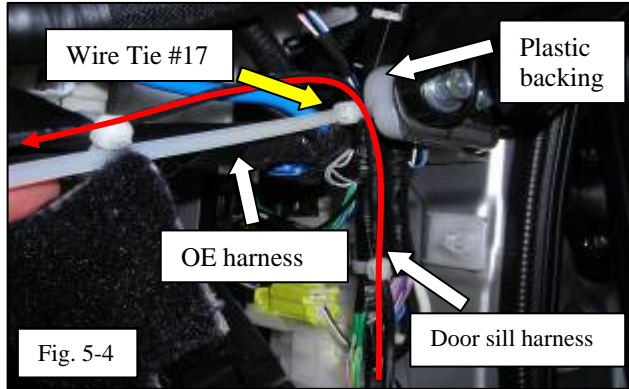
(c) Continue to route the harness upwards toward the passenger side junction box. (Fig 4-3 & 4-4)






(1) Secure the door sill harness to the OE harness LOOSELY with two (2) wire ties as shown.

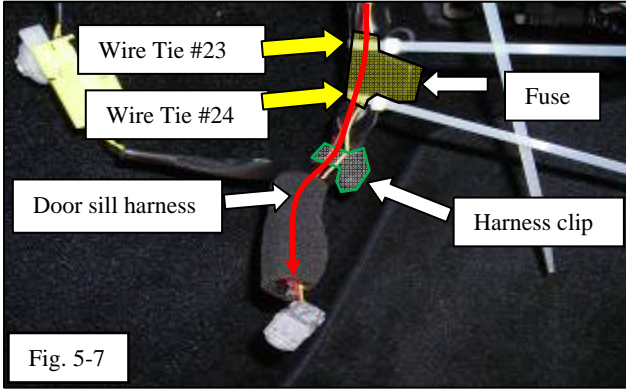
  (2) Wire tie #16 must be position close to the cowl panel clip to prevent the clip from contacting the harness. (Fig. 3-4)

 (3) Wire ties should be loose so wire can be adjusted.





- ||  (4) Ensure any unprotected OE wires are wrapped with electrical tape before applying wire ties around them.
- ||  (d) Route harness up above the OE harness behind the plastic backing and secure to the OE harness LOOSELY with one (1) wire tie. (Fig. 5-4)
  - (1) The harness should be routed above the OE harness so that the cowl panel will not pinch the harness when reinstalled.
- ||  (2) Wire ties should be loose so wire can be adjusted.
- || (e) Route harness across the bottom of the passenger side lower IP area along the OE harness. (Fig. 5-5)
  - (1) Secure the door sill harness to the OE harness LOOSELY with three (3) wire ties as shown.
- ||  (2) Wire ties should be loose so wire can be adjusted.
- || (f) Route the harness to the OE harness connected to the ECU and then down to the bottom behind the heater vent. (Fig. 5-6)
  - (1) Secure the door sill harness to the OE harness LOOSELY with two (2) wire ties as shown.
- ||  (2) Wire ties should be loose so wire can be adjusted.



(g) Route harness down OE harness to passenger foot well lamp. (Fig. 5-7)

(h) Secure the door sill harness to the OE harness **LOOSELY** with two (2) wire ties as shown.

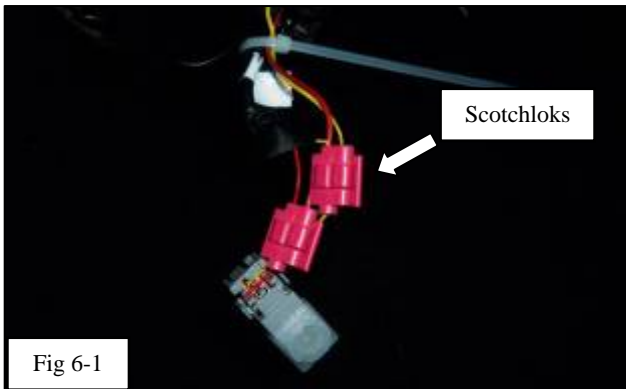
(1) Fuse should be located above the harness clip (Fig. 5-7)



(2) Ensure any unprotected OE wires are wrapped with electrical tape before applying wire ties around them.



(3) Wire ties should be loose so wire can be adjusted.



## 6. Install Driver Side Scotchloks

(a) Locate the **RED** wire on the footwell lamp (Fig. 6-1)

(1) About 25mm of wire protection may need to be cut back to install Scotchloks.

(b) Install a Scotchlok to the **RED** wire connected to the foot well lamp.

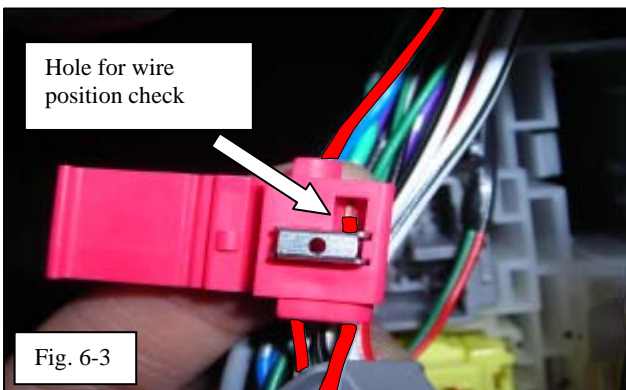
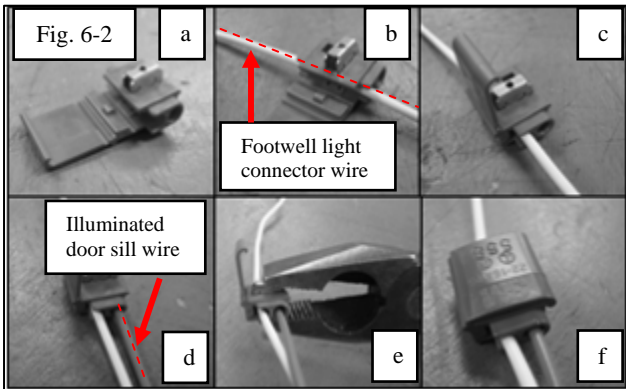
(1) Position a Scotchlok on the **RED** wire, approximately 10mm from the connector end and close the side to secure it on the wire (Fig. 6-2 steps a-c).

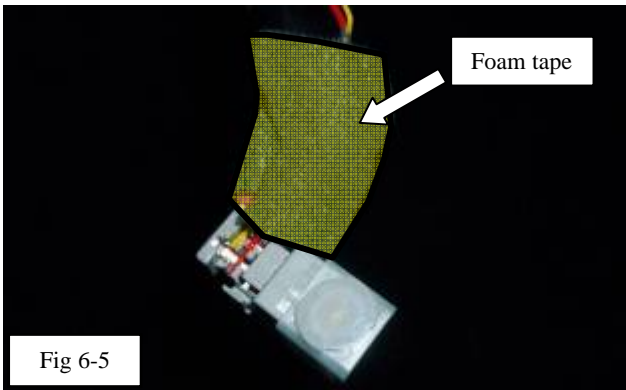
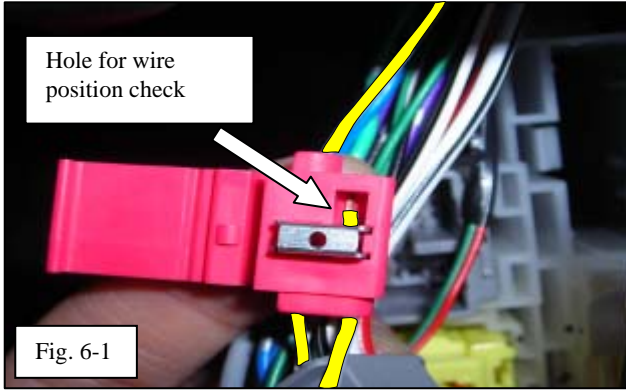
(2) Insert the **RED** fused wire from the illuminated door sill into the Scotchlok. You should be able to see the wire through the hole if it is inserted all the way. (Fig. 6-3)



(3) Use pliers to push down the metal tab to splice the wires. Make sure both wires are spliced correctly (Fig 3-9 steps d-e).

Snap the plastic cover in place by hand (Fig. 6-2 step f).





(c) Locate the **YELLOW** wire on the foot well lamp. (Fig. 6-1)

(d) Install a Scotchlok to the **YELLOW** wire connected to the foot well lamp.

(1) Position a Scotchlok on the **YELLOW** wire just above the Scotchlok on the red wire. Close the side to secure it on the wire (Fig.6-2 steps a-c)

(2) Insert the **YELLOW** wire from the illuminated door sill into the Scotchlok. You should be able to see the wire through the hole if it is inserted all the way. (Fig. 6-4)

⚠ (3) Use pliers to push down the metal tab to splice the wires. Make sure both wires are spliced correctly (Fig 6-2 steps d-e).

(4) Snap the plastic cover in place by hand (Fig. 6-2 step f).

(e) Wrap the pair of Scotchloks together with one piece of foam tape. (Fig. 6-5)

|| ⚠ (f) Starting at the Scotchloks, working back towards the door sill, tighten the 12 wire ties. Ensure there is no excess slack in the harness. Refer to Fig. 5-2 to 5-7 for wire tie locations.

⚠ (g) Trim all wire ties. Cut wire tie ends should not be facing bare wires.



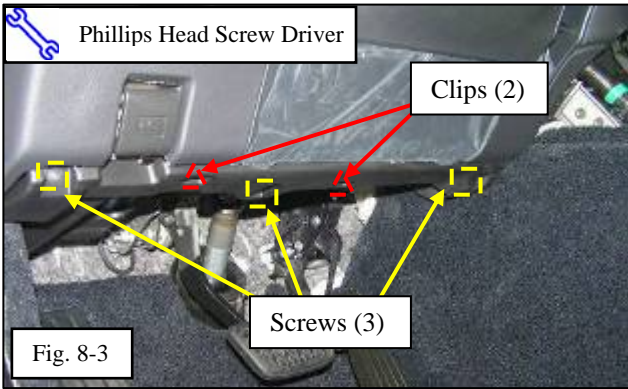
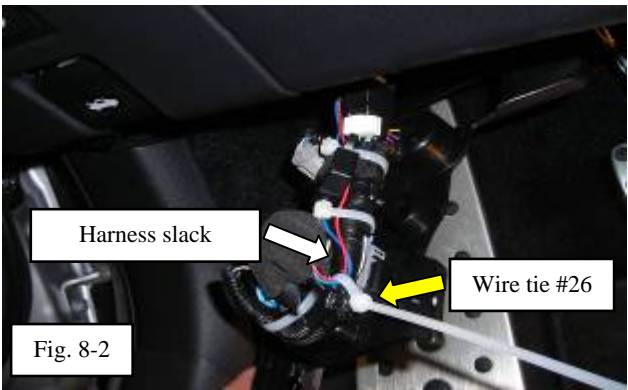
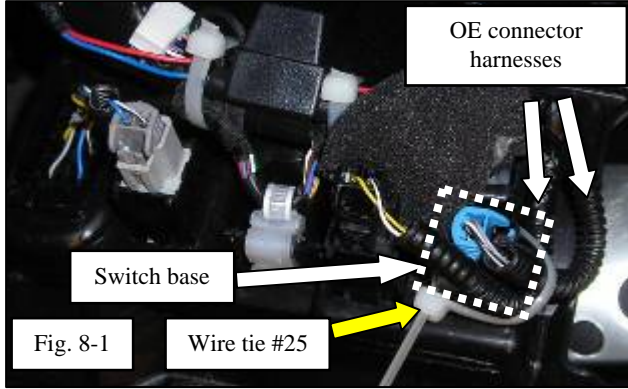
## 7. Testing

- (a) Temporarily reconnect the negative battery cable. If required, install the 30A DCC fuse.
  - (1) Door sill light should be on with the doors open. (Fig. 5-1)
  - (2) Door sill light color should be:
    - (1) **WHITE for gas vehicles (GS350).**
    - (2) **BLUE for hybrid vehicles (GS450h).**
- (b) With the vehicle in the off position, rear doors and trunk closed, press in both front door courtesy switches to check the function of the front door scuff plates.
  - (1) Door sill lights should turn off when all doors are closed or courtesy switches are pressed in.
- (c) Disconnect negative battery cable.
- (d) Remove 30A DCC fuse if required.

## 8. Vehicle Reassembly

- (a) Reinstall both front inner cowl panels.
- (b) Reinstall passenger side lower IP under panel.
  - ⚠ (1) Reconnect all disconnected connectors
  - (2) Secure all wire harness clips to panel.
- (c) Reinstall driver side lower instrument panel.
  - ⚠ (1) Reconnect all disconnected connectors
  - (2) Secure all wire harness clips to panel.
- (d) Reinstall driver side dash upper trim panel.
- (e) Reinstall driver side dash side panel.





(f) Reinstall driver side IP under panel.



- (1) Reinstall all connectors and connector clips to driver side lower IP under panel.
- (2) Secure the harness slack from the black and blue connectors against the right side of the blue connector's switch base with one (1) wire tie as shown. (Fig. 8-1)
- (3) Secure any slack from the illuminated door sill harness to the OE harness with one (1) wire tie as shown. (Fig. 8-2)
- (4) Trim wire ties.
- (5) Reattach the two clips on the driver side IP under panel to the vehicle. (Fig. 8-3)



- (6) **Check the fitment of the panel and ensure there is sufficient clearance from the wire harness to the brake return spring. There should be about 10mm of clearance between any wires and the brake return spring.**
- (7) **If there is not enough clearance, remove the panel and adjust the harness so that there is enough clearance. Secure the harness with wire ties.**

(8) Reinstall the three screws. (Fig. 8-3)

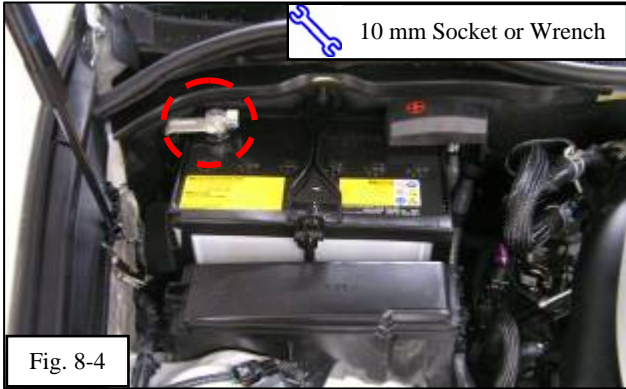
(g) Reinstall both center console side panels.

(h) Reinstall radio center cluster finish panel.

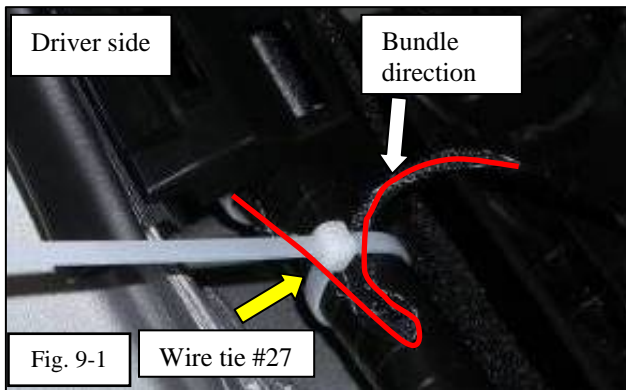


- (1) Reconnect all disconnected connectors
- (2) Secure all wire harness clips to panel.

(i) Reinstall both outer door opening trim panels.

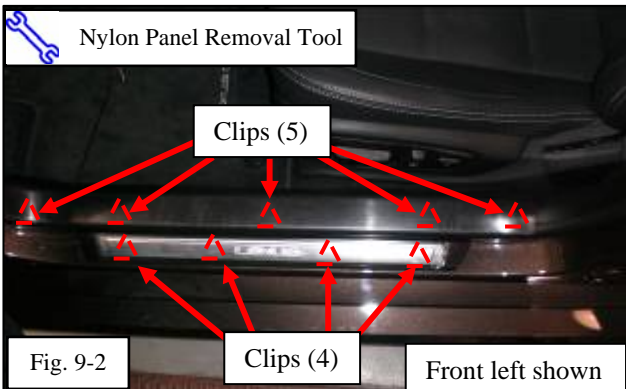


- (j) Reinstall the negative battery cable.
  - (1) Position the negative battery cable at the original factory position.
  - ⚠ (2) Tighten the nut with 48 in-lbf (5.4 N-m) of torque.
  - ⊕ (3) Do not touch the positive battery terminal with any tool when replacing the cable.
  - || (4) Replace negative battery terminal cover (for gas) or battery cover (for hybrid).



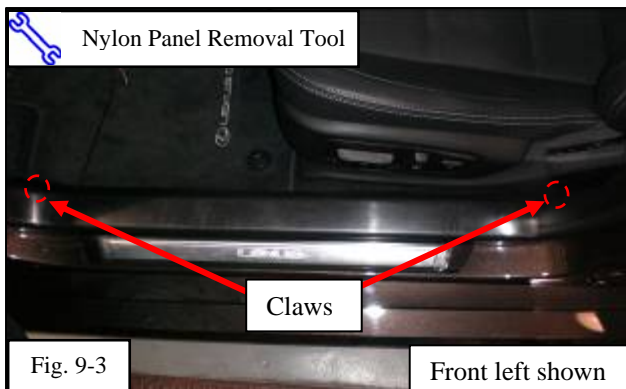
**9. Install Front Door Sills.**

- ⛔ (a) Bundle driver side excess wire harness and attach to OE harness with one (1) wire tie as shown. (Fig 9-1)
  - (1) Trim wire tie.



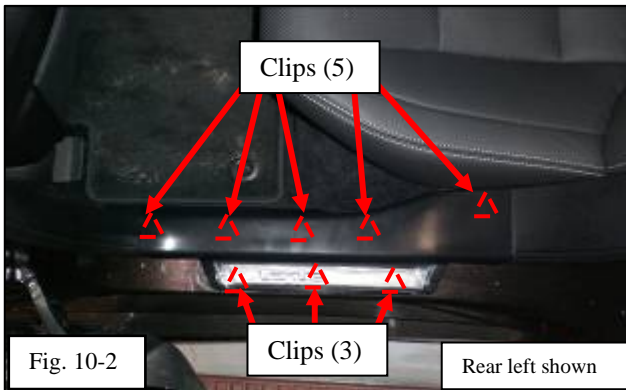
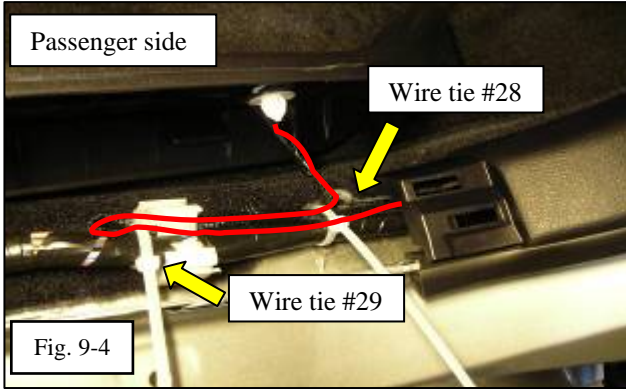
- (b) Line up the 4 outer clips with the mounting holes in the body and the 5 inner clips to the clip holders. Gently push the door sill down to engage all clips. (Fig. 9-2)

- ⚠ (1) Ensure the door sill wire harness is not pinched between the door sill and the body or any clips.



- (c) Engage the claws at the front and rear corners. (Fig. 9-3)

- ⛔ (1) Do not pull protective tape off of door sill.



**STOP** (d) Bundle passenger side excess wire harness and attached to OE harness with two (2) wire ties as shown. (Fig. 9-4)

**!** (1) Harness should sit inside the white harness clip.

(e) Line up the 4 outer clips with the mounting holes in the body and the 5 inner clips to the clip holders. Gently push the door sill down to engage all clips. (Fig. 9-2)

**!** (1) Ensure the door sill wire harness is not pinched between the door sill and the body.

(f) Engage the claws at the front and rear corners. (Fig. 9-3)

**STOP** (1) Do not pull protective tape off of door sill.

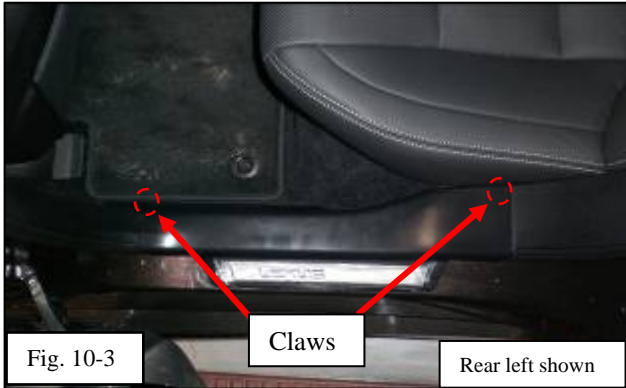
### 10. Install Rear Door Sills.

(a) Locate the rear Right Hand (RH) door sill and Left Hand (LH) door sill. Right hand door sill is for the passenger side and left hand is for the driver side.

(1) When installing the door sill on the correct side, the word "LEXUS" will read left to right from outside the vehicle. (Fig. 10-1)

(2) "RH" and "LH" is indicated on the back of the door sill.

**||** (b) Line up the 3 outer clips to the mounting holes in the body and the 5 interior clips to the inner clip holders. Gently push the door sill down to engage all clips. (Fig. 10-2)



(c) Engage the 2 claws on the front and rear corners of the door sill. (Fig. 10-3)



(1) Make sure the door sill is properly snapped down in place and that there is no lifting or uneven gaps around the edges.

### 11. Completing the Installation

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



**LEXUS GS 350/450h 2013 - ILLUMINATED DOOR SILLS**  
Checklist - these points **MUST** be checked to ensure a quality installation.

Check: \_\_\_\_\_

Look For: \_\_\_\_\_

Accessory Function Checks

- Door sill fitment
- Open a door
- Press in all courtesy switches

There should be no uneven gaps around the edges, and clips should be securely fastened.

Door sill light should turn on.

Door sill light should turn off after 15 seconds.

Vehicle Function Checks

- Start/Stop button
- Headlamp washer button (if equipped)
- VSC/Traction control button
- Heated steering wheel button (if equipped)
- Blind Spot Monitor button
- Auto parking brake switch
- TPMS button
- PCS button (if equipped)
- AFS button (if equipped)
- Footwell lamps
- Trunk release button
- Panels

Start/Stop should function normally.

Headlamp washers should function normally.

VSC/Traction control should function normally.

Heated steering wheel should function normally.

BSM should function normally.

Parking brake should function normally.

TPMS should function normally.

PCS should function normally.

AFS should function normally.

Footwell lamps should function normally.

Trunk release should function normally.

Proper fitment, no uneven gaps.