

Preparation

Part Number: PT922-03121

Kit Contents

Item #	Quantity Reqd.	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 Reqd.	Description
1	4	Scotchlocks 558
2	14	10" Wire Ties
3	4	Tape, Foam 25 x 25 mm
4	4	Tape, Foam 60 x 90 mm

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1	N/A	
2		
3		

Conflicts

Door Sill Enhancements

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	Optional
Vehicle Protection	Blankets, Part Boxes
Special Tools	Notes
Nylon Panel Removal Tool	
Installation Tools	Notes
Wrench	10mm
Pliers	For Scotchlocks
Side Cutters	For Wire Ties
Torque Wrench	48 lbf-in
Wiping cloth	For cleaning pinch weld
Special Chemicals	Notes
All Purpose Cleaner	Mild, water based, solvent free all purpose VDC approved cleaner.

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

General Applicability

Gas and Hybrid models

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 Reqd.	Description
1	N/A	
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.

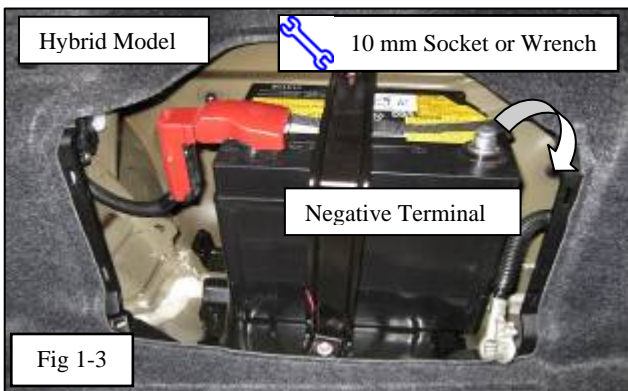
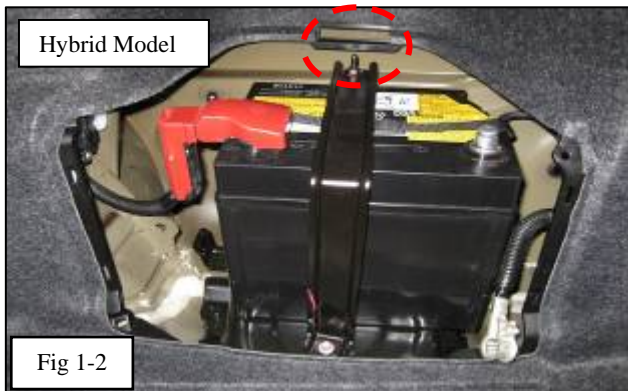
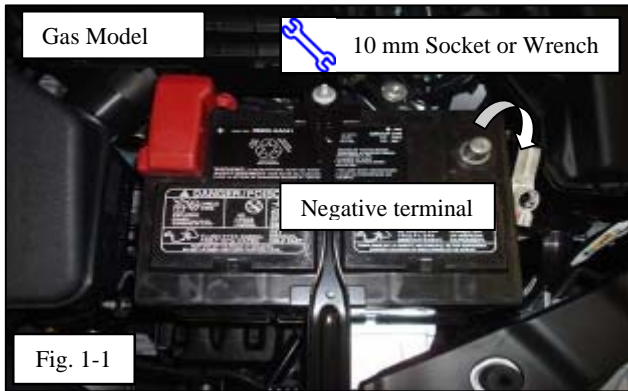
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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. Preparation

- (a) Inspect all kit components and check for damage or missing parts.

For Gas vehicles, the battery is located in the engine compartment.

- (b) Locate and remove the negative battery terminal.

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

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

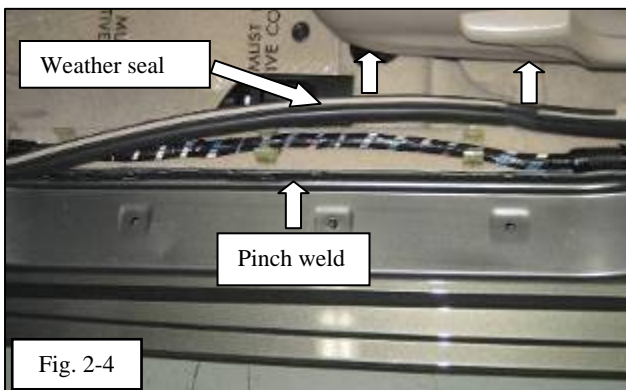
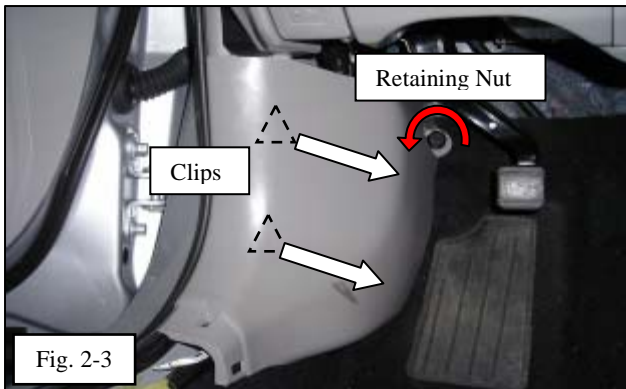
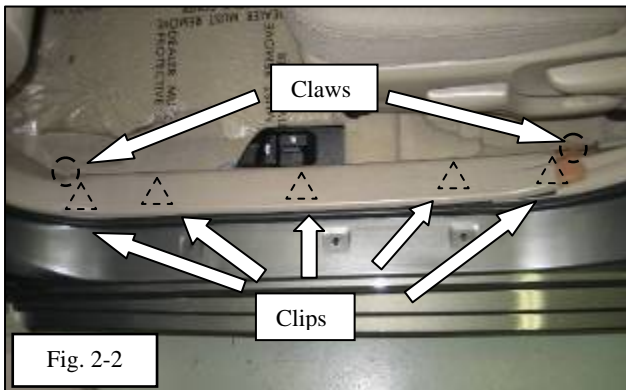
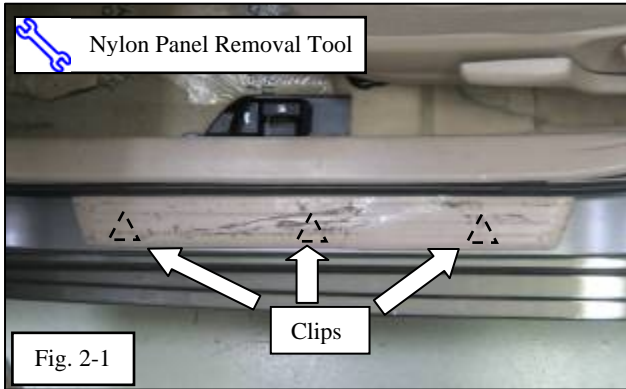
For Hybrid vehicles, the battery is located in the trunk.

- (a) Remove the battery cover by disengaging the top clip. (Fig. 1-2)

- (b) Locate and remove the negative battery terminal.

- (1) Remove the negative battery terminal using a 10 mm wrench or socket and set aside. (Fig. 1-3)

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



2. Vehicle disassembly

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

(a) Remove the front left and front right outer door scuff plates using a nylon panel removal tool to disengage the 3 clips. (Fig. 2-1)

(1) Remove any clips that may get stuck to the vehicle during disassembly.

(b) Remove the front left and front right inner door scuff plates. (Fig. 2-2)

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

(2) Disengaging the 5 clips.

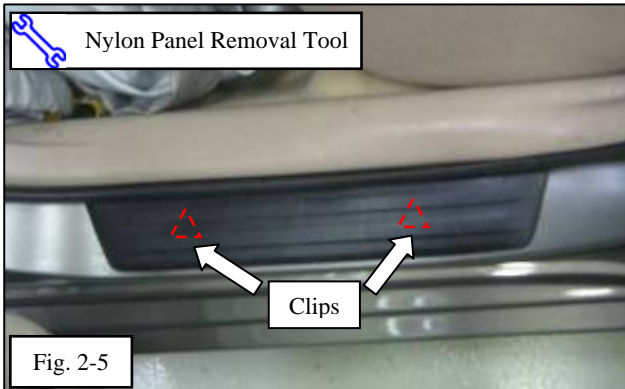
(c) Remove the front left and front right cowl side covers. (Fig. 2-3)

(1) Remove the retaining nut.

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

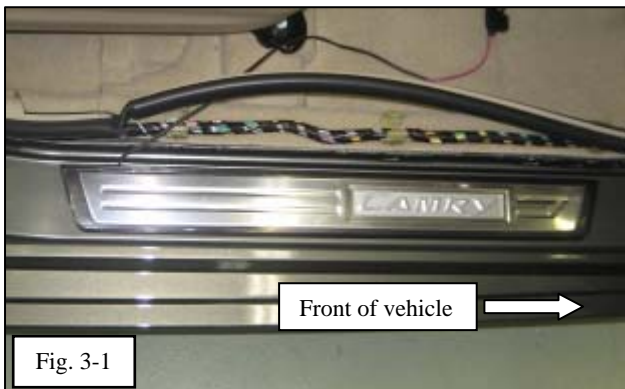
(3) If a clip is stuck to the body after removal, remove the clip and reattach it to the cowl cover.

(d) Detach the front left and front right weather seal from the pinch weld. (Fig. 2-4)



- (e) Remove the rear left and rear right outer door scuff plates using a nylon panel removal tool to disengage the 2 clips. (Fig 2-5)

3. Install Passenger Side illuminated door scuff plates.



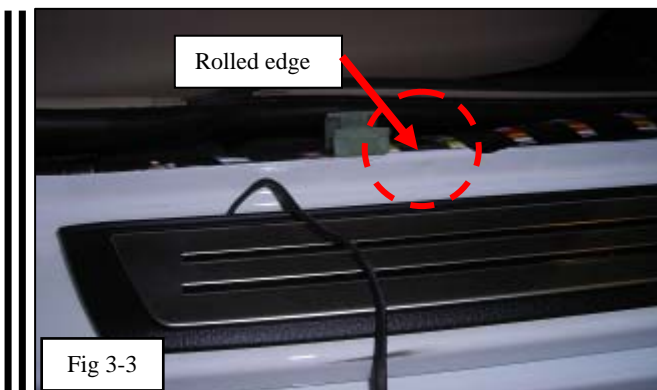
- (a) Locate the front Right Hand (RH) door scuff plate. The right hand door scuff plate is for the passenger side.

- ⚠ (1) “RH” is indicated on the back of the door scuff plate.
- (2) When installing the door sill on the correct side, the word “CAMRY” is toward the front of the vehicle. (Fig. 3-1)



- (b) Align the 3 clips of the door scuff plate to the holes of the body rocker panel. Gently press the door scuff plate down to insert the clips. (Fig 3-2)

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



- (c) Clean the pinch weld area around the smooth rolled edge of the pinch weld with an approved cleaner. (Fig. 3-3)

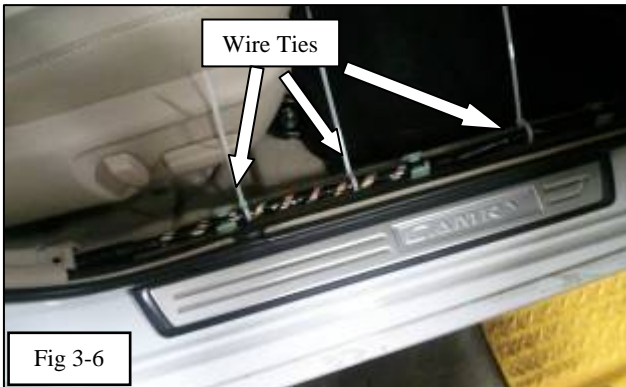


- (d) Place one SMALL foam tape (25 x 25 mm) over the rolled edge of the pinch weld. (Fig 3-4)

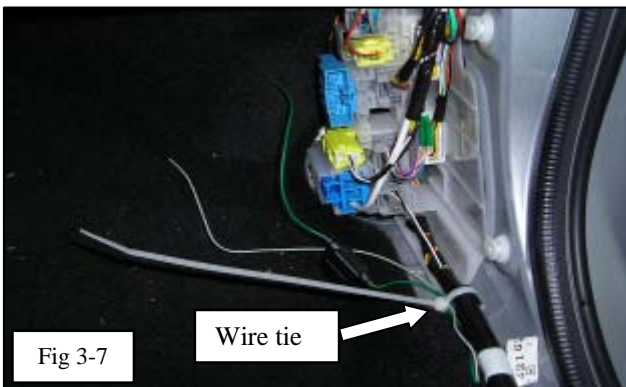


- (e) Route the harness over the foam tape and secure it with a second piece of SMALL foam tape (25 x 25 mm) over the first piece. (Fig. 3-5)

- (f) Reinstall the weather seal to the pinch weld.



- (g) Route the door sill harness to the front of the vehicle along the OE harness. (Fig 3-6)
- (1) Route the door sill harness through the OE harness clips and secure it with three (3) wire ties as shown. (Fig 3-6)



- (h) Route wire harness up towards the cowl side connector block and secure the harness to the OE harness with one (1) wire tie as shown. (Fig. 3-7)

- (i) Wrap the fuse with one piece of large foam tape.

- (j) Trim wire ties.

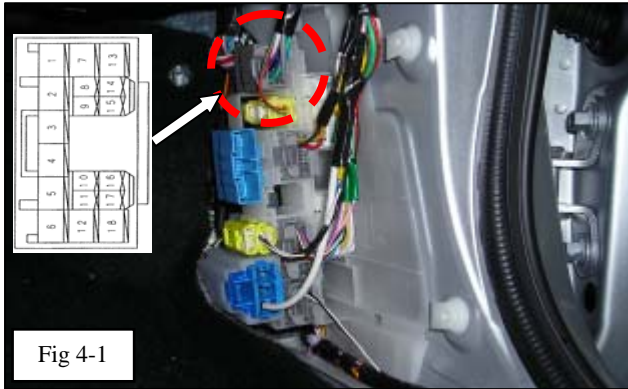


Fig 4-1

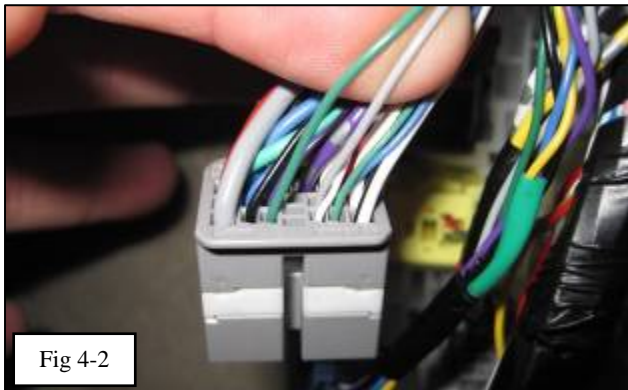


Fig 4-2

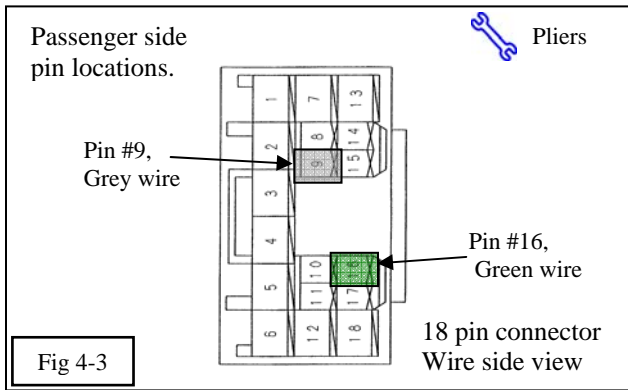


Fig 4-3

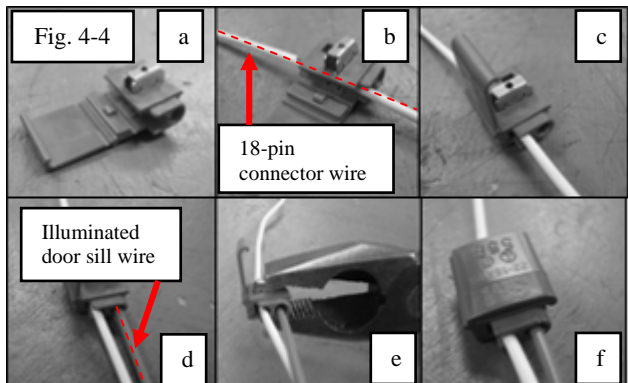


Fig. 4-4

4. Install Passenger Side Scotchloks.

- (a) Locate and disconnect the **GREY** 18 pin connector on the passenger cowl side connector block. (Fig. 4-1)
- (b) Remove the tape above the connector to get better access to the wires.

- (c) Install a Scotchlok to **GREY** wire with the **GREY** wire of the illuminated door scuff.



- (1) There is more than one **GREY** wire on the 18 pin connector, make sure you have the correct wire, Pin 9, before installing the scotch lock.

- (2) Locate the **GREY** wire, pin 9, on the 18 pin connector (Fig. 4-3).

- (3) Position the open side of the Scotchlok on to the **GREY** wire, approximately 1 inch from the connector end. Close the side to keep the wire in place. (Fig. 4-4 steps a-c)

- (4) Insert the **GREY** un-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. 4-5)



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

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

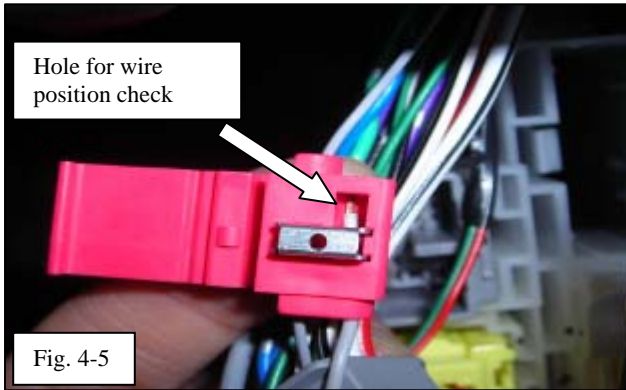


Fig. 4-5

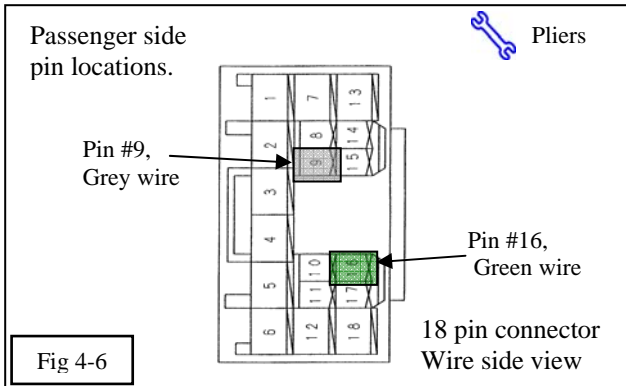


Fig 4-6

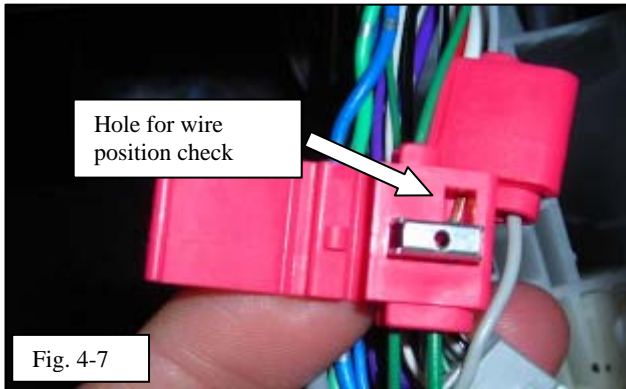


Fig. 4-7



Fig. 4-8

(d) Install a Scotchlok to **GREEN** wire using the **GREEN** wire of the illuminated door scuff.



(1) There is more than one **GREEN** wire on the 18 pin connector, make sure you have the correct wire, Pin 16, before installing the scotch lock.

(2) Locate the **GREEN** wire, pin 16, on the 18 pin connector (Fig. 4-6).

(3) Position the open side of the Scotchlok on to the **GREEN** wire, approximately 1 inch from the connector end. Close the side to keep the wire in place. (Fig. 4-4 steps a-c)

(4) Insert the **GREEN** 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. 4-7)

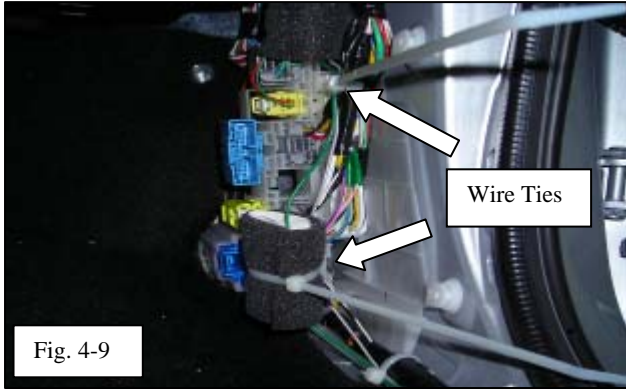


(5) Use pliers to push down the metal tab to splice the wires. Make sure both wires are spliced correctly (Fig 4-4 steps d-e).

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

(e) Wrap the pair of Scotchlocks with a piece of large foam tape, 60 x 90 mm (Fig. 4-8).

(f) Reconnect the grey 18 pin connector to the connector block.

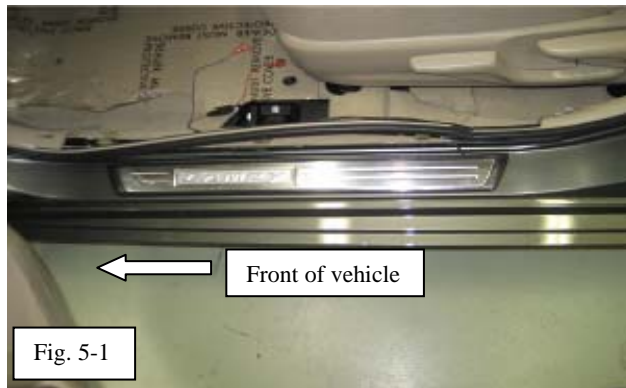


(g) Secure the harness and the fuse to the OE harness with two (2) wire ties as shown. (Fig. 4-9)


(1) Make sure the fuse and harness do not block any mounting holes.

(h) Trim wire ties.

5. Install Driver Side illuminated door scuff plates.




(a) Locate the front Left Hand (LH) door scuff plate. The left hand door scuff plate is for the driver side.

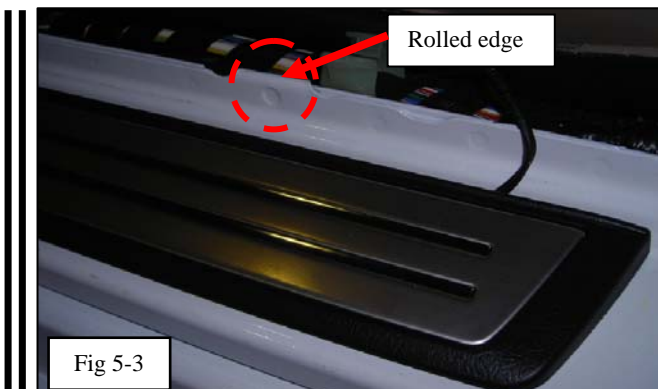
 (1) "LH" is indicated on the back of the door scuff plate.

(2) When installing the door sill on the correct side, the word "CAMRY" is toward the front of the vehicle. (Fig. 5-1)



(b) Align the 3 clips of the door scuff plate to the holes of the body rocker panel. Gently press the door scuff plate down to insert the clips. (Fig 5-2)

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



(c) Clean the pinch weld area around the smooth rolled edge of the pinch weld with an approved cleaner. (Fig. 5-3)

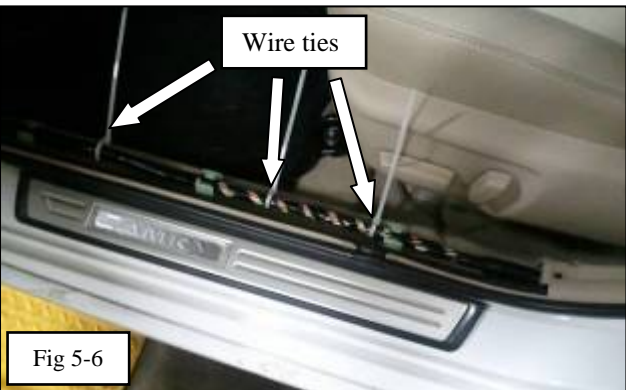


- (d) Place one SMALL foam tape (25 x 25 mm) over the rolled edge of the pinch weld. (Fig 5-4)



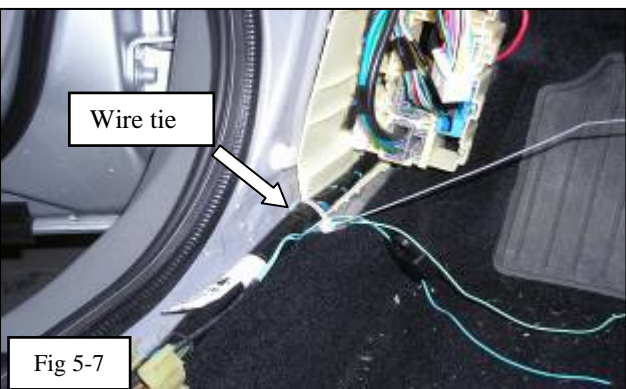
- (e) Route the harness over the foam tape and secure it with a second piece of SMALL foam tape (25 x 25 mm) over the first piece. (Fig. 5-5)

- (f) Reinstall the weather seal to the pinch weld.



- (g) Route the door sill harness to the front of the vehicle along the OE harness. (Fig 5-6)

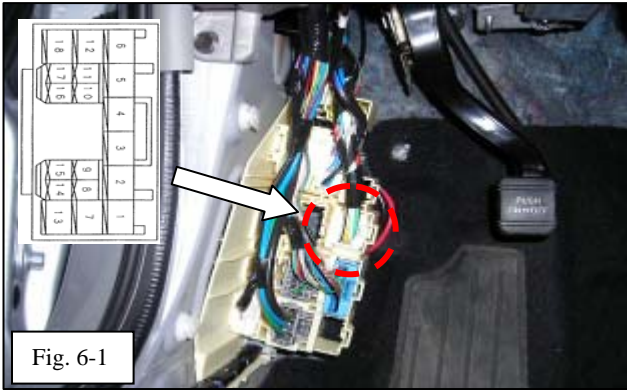
- (1) Route the door sill harness through the OE harness clips and secure it with three (3) wire ties as shown in Fig 5-6.



- (h) Route wire harness up towards the cowl side connector block and secure the harness to the OE harness with one (1) wire tie as shown. (Fig. 5-7)

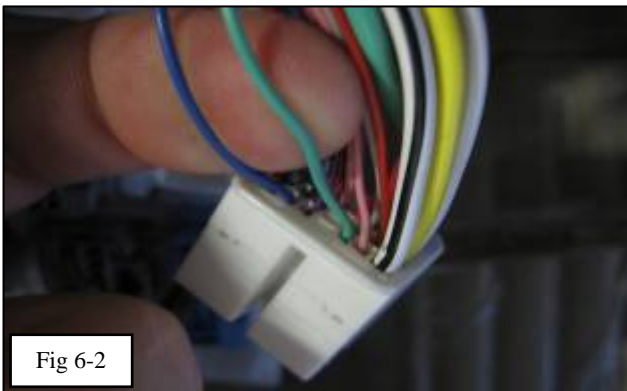
- (i) Wrap the fuse with one piece of large foam tape.


- (j) Trim wire ties.

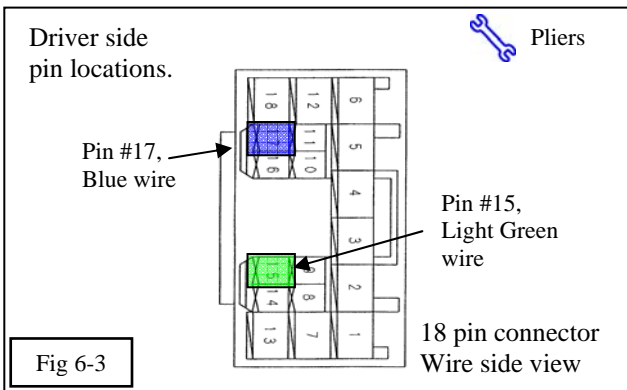


6. Install Driver Side Scotchloks.

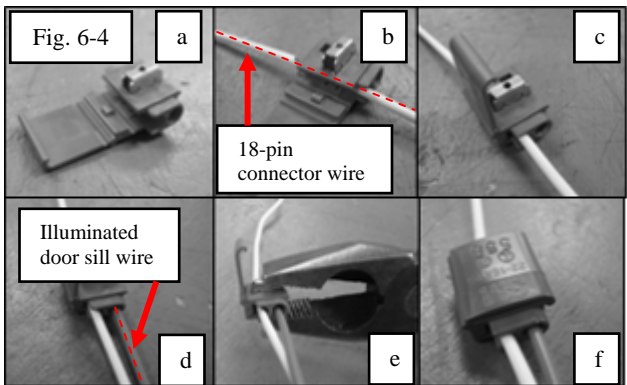
- (a) Locate the **WHITE** 18 pin connector in the driver side cowl area and disconnect it (Fig. 6-1).
- (b) Install a Scotchlok to **LIGHT GREEN** wire with the **LIGHT GREEN** wire of the illuminated door scuff.




-  (1) There is more than one **LIGHT GREEN** wire on the 18 pin connector, make sure you have the correct wire, Pin 15, before installing the scotch lock.
- (2) Locate the **LIGHT GREEN** wire, pin 15, on the 18 pin connector (Fig. 6-3).



- (3) Position the open side of the Scotchlok on to the **LIGHT GREEN** wire, approximately 1 inch from the connector end. Close the side to keep the wire in place. (Fig. 6-4 steps a-c)
- (4) Insert the **LIGHT GREEN** un-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. 6-5)



-  (5) Use pliers to push down the metal tab to splice the wires. Make sure both wires are spliced correctly (Fig 6-4 steps d-e).
- (6) Snap the plastic cover in place by hand (Fig. 6-4 step f).

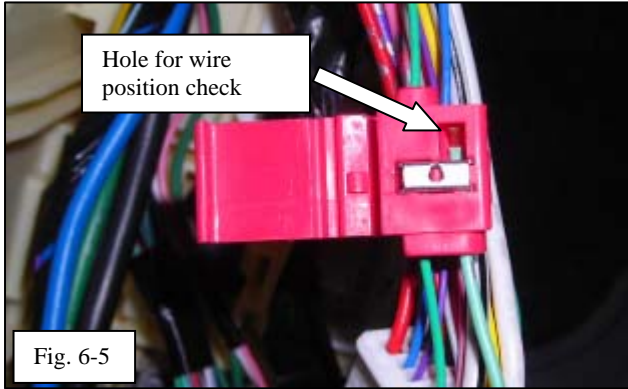


Fig. 6-5

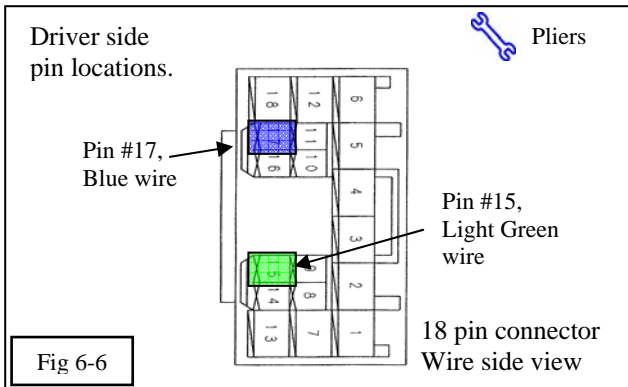


Fig. 6-6

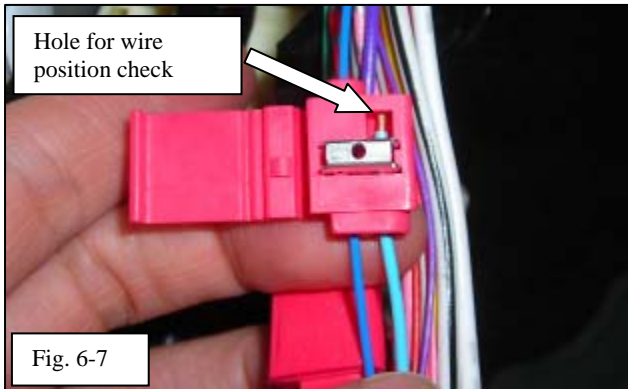


Fig. 6-7

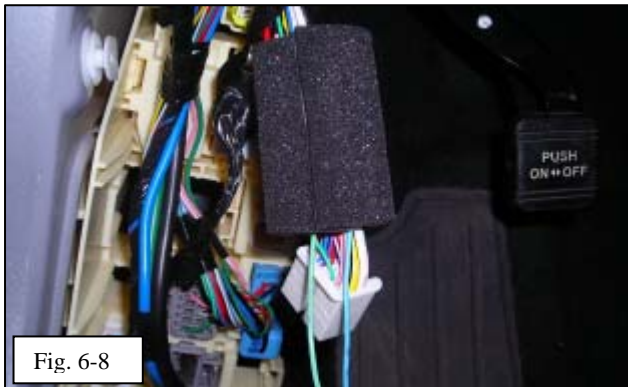


Fig. 6-8

(c) Install a Scotchlok to **BLUE** wire using the **BLUE** wire of the illuminated door scuff.



(1) There is more than one **BLUE** wire on the 18 pin connector, make sure you have the correct wire, Pin 17, before installing the scotch lock.

(2) Locate the **BLUE** wire, pin 17, on the 18 pin connector (Fig. 6-6).

(3) Position the open side of the Scotchlok on to the **BLUE** wire, approximately 1 inch from the connector end. Close the side to keep the wire in place. (Fig. 6-4 steps a-c)

(4) 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. 6-7)

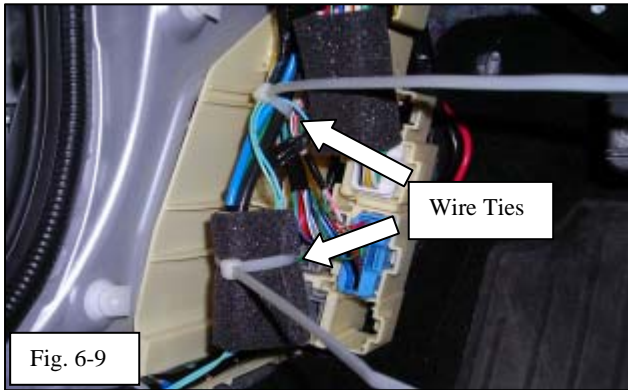


(5) Use pliers to push down the metal tab to splice the wires. Make sure both wires are spliced correctly (Fig 6-4 steps d-e).

(6) Snap the plastic cover in place by hand (Fig. 6-5 step f).

(d) Wrap the pair of Scotchloks with a piece of large foam tape, 60 x 90 mm (Fig. 6-8).

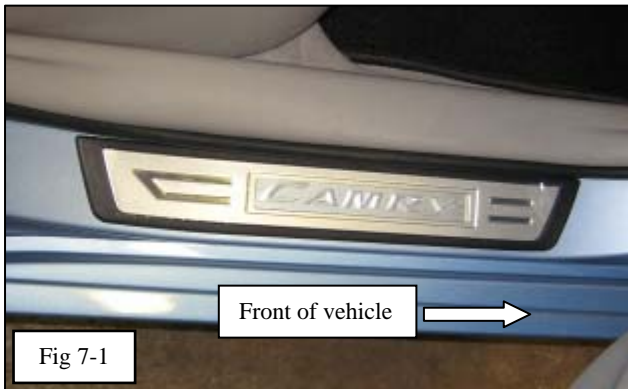
(e) Reconnect the white 18 pin connector to the connector block.



- (f) Secure the harness and the fuse to the OE harness with two (2) wire ties as shown. (Fig. 6-9)

- (1) Make sure the fuse and harness do not block any mounting holes.


- (g) Trim wire ties.

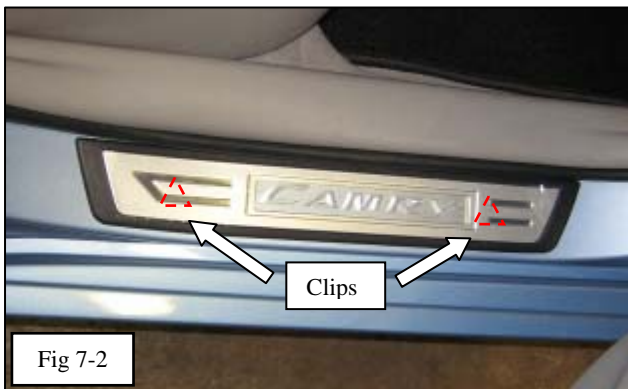


7. Install rear door scuff plates.


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

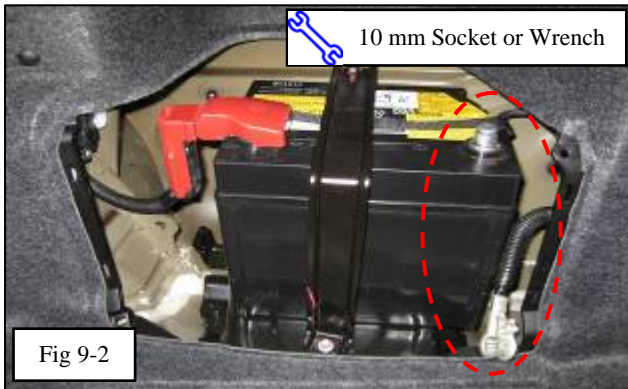
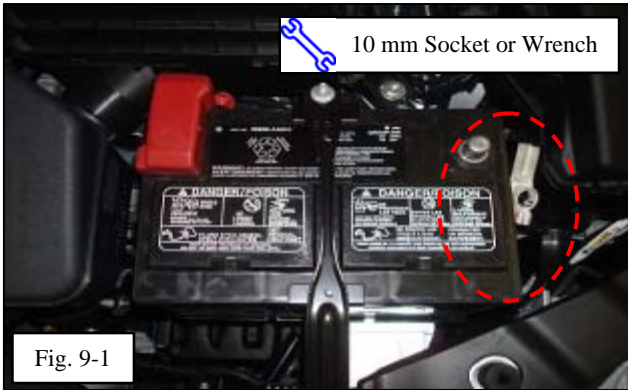
- (a) Locate the rear Right Hand (RH) door scuff plate and the rear Left Hand (LH) door scuff plate. Right hand door scuff plate is for the passenger side and left hand door scuff plate is for the driver side

-  (1) When installing the door sill on the correct side, the word “CAMRY” is toward the front of the vehicle. (Fig. 7-1)
 - (2) “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 press the door scuff plate down to insert the clips. (Fig. 7-2)

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



8. Testing.

- (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) Door sill light should be on with the door open (Fig. 8-1).
 - (2) Door sill light should turn off when the corresponding door courtesy switch is pressed in.

9. Vehicle reassembly.

- (a) Tighten the negative battery cable.
 - (1) Position the negative battery cable at the original factory position.



- (2) Tighten the nut with 48 lbf-in (5.4 N-m) of torque.

- (3) Do not touch the positive battery terminal with any tool when replacing the cable.

For Hybrid vehicles

- (b) Reinstall the battery cover.
- (c) Reinstall both front cowl side covers.
- (d) Reinstall both front inner door scuff plates.

10. Completing 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.

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> <ul style="list-style-type: none"><input type="checkbox"/> Door sill fitment<input type="checkbox"/> Open the front doors<input type="checkbox"/> Press front courtesy switch on each side	<p>There should be no uneven gaps around the edges, and clips should be securely fastened.</p> <p>Front door sill lights should turn on.</p> <p>Front door sill lights should turn off for each side.</p>
<p><u>Vehicle Function Checks</u></p> <ul style="list-style-type: none"><input type="checkbox"/> Door courtesy lights<input type="checkbox"/> Power door locks<input type="checkbox"/> Power windows<input type="checkbox"/> Smart key functions	<p>Front door courtesy lights should operate normally.</p> <p>Power door locks should function normally.</p> <p>Power windows should function normally.</p> <p>Smart key functions should operate normally.</p>