



KIA Genuine Accessories

Vehicle Model Sorento Accessory Illuminated Scuff Plate
 Model Year 2014~ Difficulty (B)
 Part No. 1U069 ADU00

KIA MOTORS

Note: Difficulty stated above reflects the minimum level of expertise required to install the accessory

(A) Customer (B) Dealer Technician (C) Master Technician

Instruction Symbols / Definitions

	Denotes warnings that may lead to serious physical injury or vehicle damage.		Denotes quality processes to be checked prior to moving to the next step.	Denotes safety equipment required to be used such as a mask, goggles, rubber gloves, and hearing protection.	
	Denotes cautions to be taken to avoid physical injury or electronic component damage.		Denotes specific tools that are necessary to complete the step.		
	Denotes cautions to be taken to avoid vehicle and component damage.	NOTE	Denotes instructional steps necessary to complete the process.		
				Mask	Goggles
				Rubber Gloves	Hearing Protection

Basic Required Hand Tools

Ratchet	10 mm Socket	Extension
Phillips Screwdriver	Pliers	Wire Cutter
Trim Tool	Torque Wrench	Alcohol Cleaner

Notes to the Installer:

Read the entire installation manual prior to beginning the installation of the accessory.

Factory wire harness colors are subject to change, please use the specified pin # in the harness connector to identify the correct wire for T-Tap installation.

Ensure that the vehicle is properly protected in the area that the accessory is to be installed.




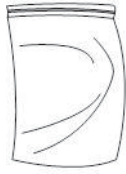

To prevent vehicle damage, never place tools on top of painted surfaces, seats, dash pad, console or floor carpet / mat.

Always wear appropriate safety gear to include gloves and eye protection when required.




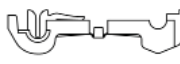

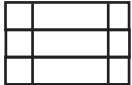
Technical Support
 For Authorized Dealers - (800) 667-5176
 Hours: 9:00 a.m. - 6:00 p.m. EST Monday - Friday

KIA Genuine Accessories

①	②	③	④	⑤
				
<p>Driver's Illuminated Scuff Plate P/N: 1U069 ADUS1</p>	<p>Passenger's Illuminated Scuff Plate P/N: 1U069 ADUS2</p>	<p>Wire Harness P/N: 1U069 ADUS3</p>	<p>Hardware Kit</p>	<p>Installation Instructions</p>

No.	Qty.	Description
1	1	Driver's Illuminated Scuff Plate
2	1	Passenger's Illuminated Scuff Plate
3	1	Wire Harness
4	1	Hardware Kit
5	1	Installation Instructions

Hardware Kit Contents

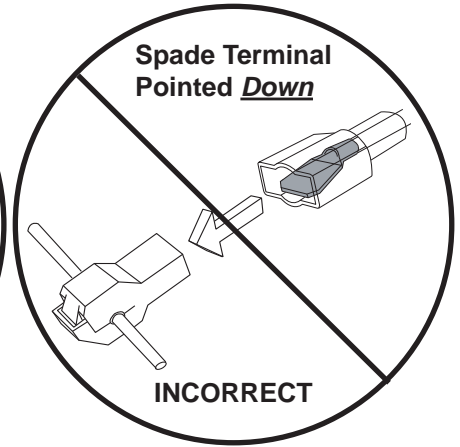
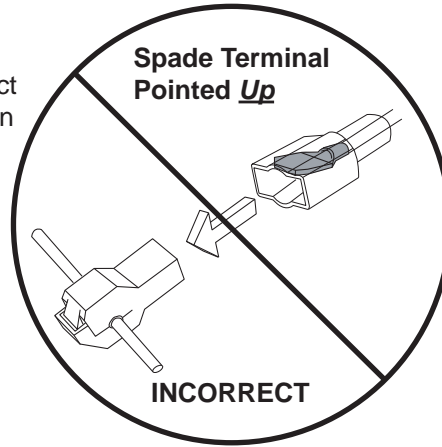
A		B		C		D	
12	8" Wire Tie	3	Female T-Tap	4	Foam Pad	3*	Wire Strap

Hardware Kit Total
22

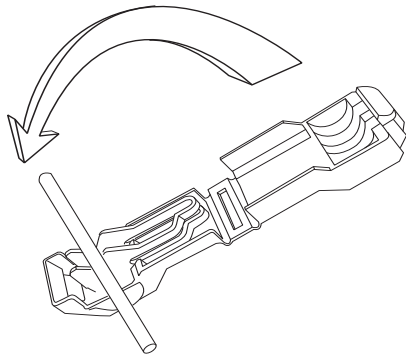
* Extra components intentionally placed in kit as spares. Please follow directions for proper placement of each component.

T-Tap Installation Procedure

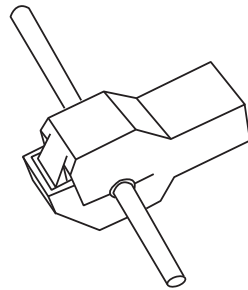
Factory wire harness colors are subject to change, please use the specified pin # in the harness connector to identify the correct wire for T-Tap installation.



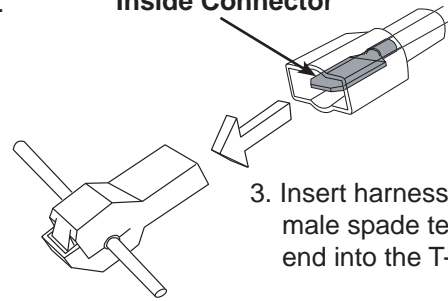
1. Place T-Tap on vehicle wire.



2. Using pliers, close and crimp T-Tap around vehicle wire.

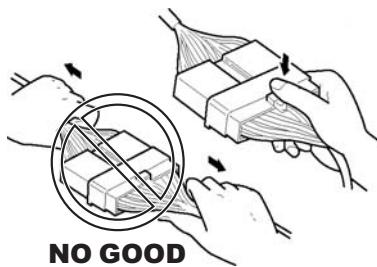


CORRECT
Spade Terminal CENTERED
Inside Connector



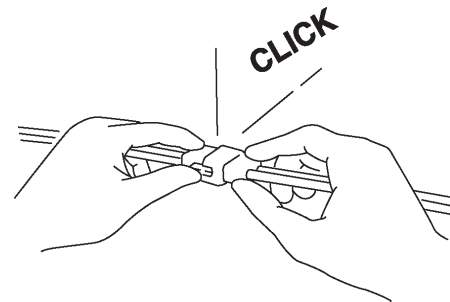
3. Insert harness wire with male spade terminal end into the T-Tap.

**** Extreme care must be taken to ensure that the male spade terminal is inserted into the T-Tap properly.**



Disconnecting Connectors

When disconnecting connectors, grasp the connectors, not the wires.

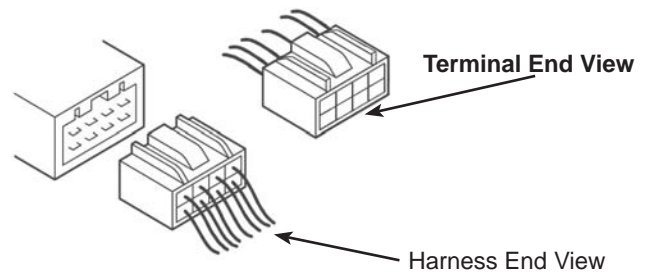
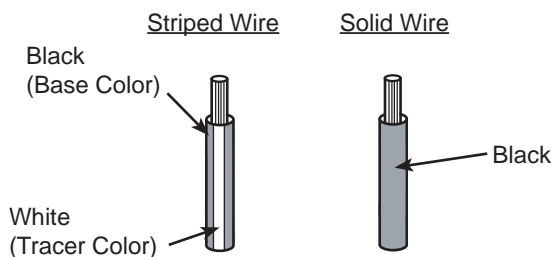


Locking Connectors

When locking connectors, listen for a click indicating they are securely locked.

Wire Colors

When a two-color wire is listed, the first color indicates the base color of the wire, the second color indicates the color of the tracer. For example: Black/White.



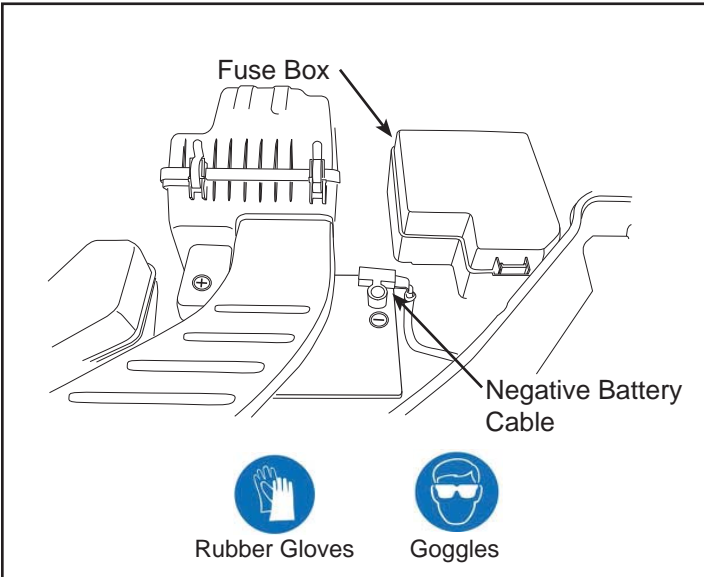
Connector Diagrams

Connector diagrams may be shown on the harness side or the terminal side, extreme care must be taken to verify proper terminal location before a T-Tap connection is made.

Vehicle Preparation

0

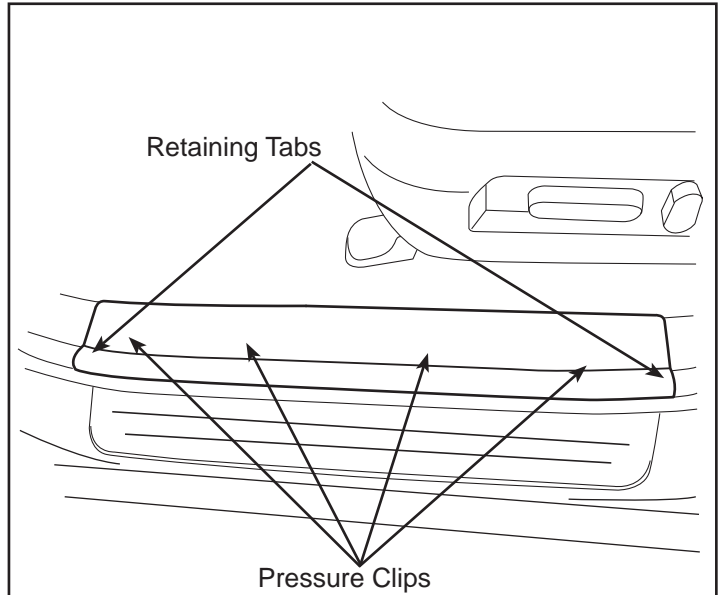
1. Clean hands.
2. Set the parking brake and open driver's door window.
3. Vehicle should be at room temperature.
4. Ensure vehicle does not have illuminated scuff plates.



Ratchet and 10 mm Socket **1**

- N O T E**
1. Remove and isolate the negative battery cable from the battery.

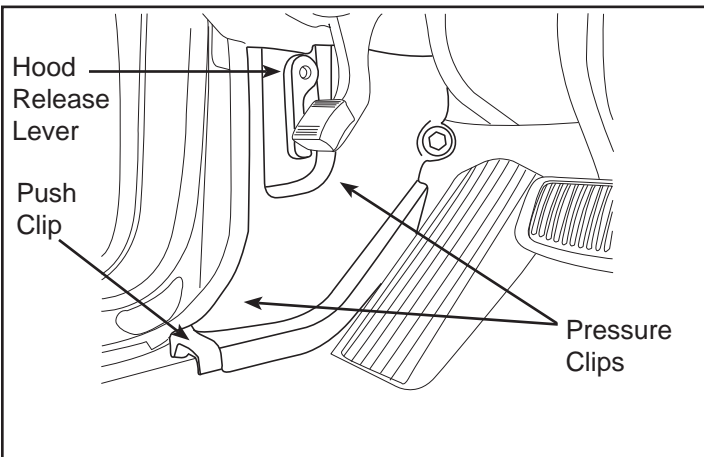
WARNING! Shock Hazard. Do not touch vehicle's negative battery terminal to vehicle's positive battery terminal. Serious physical injury or vehicle damage may occur.



*Existing (non-illuminated) scuff plates may be discarded.

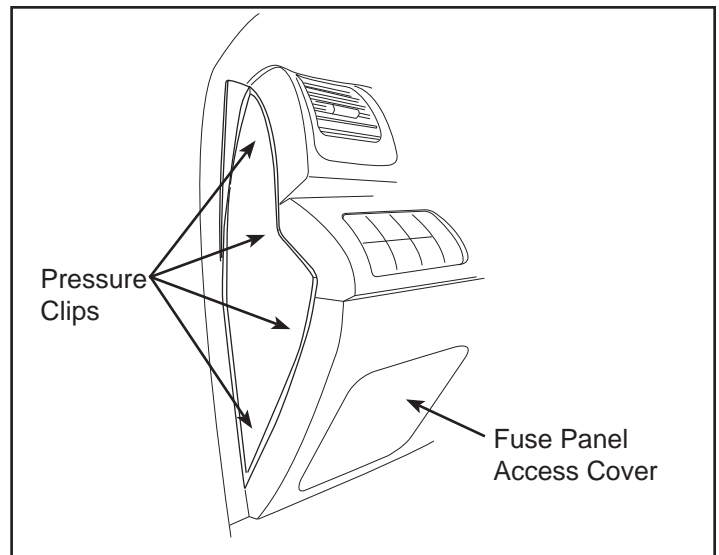
Trim Tool **2**

- N O T E**
1. Remove the driver's side front door scuff plate by inserting the trim removal tool under the trim panel and prying upward to release the four (4) pressure clips and two (2) retaining tabs.
 2. Discard driver's scuff plate.



Trim Tool **3**

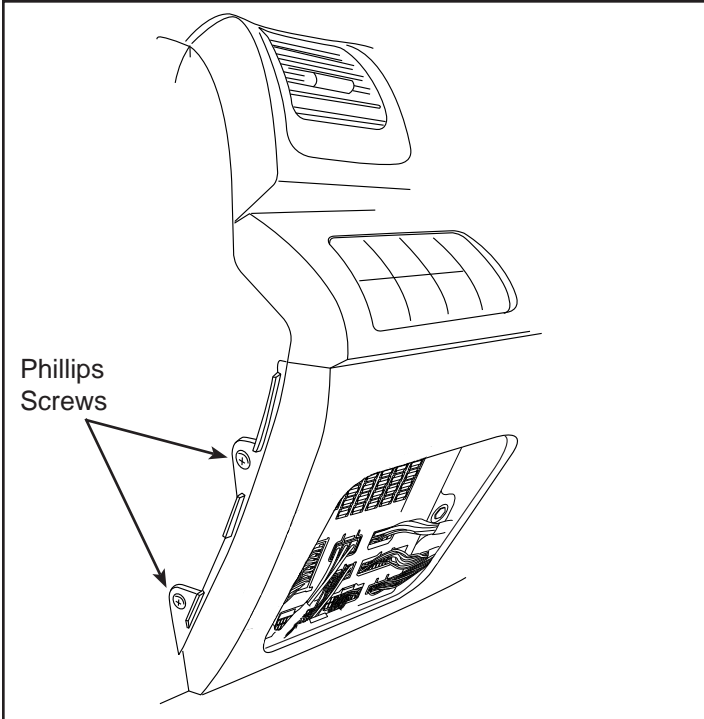
- N O T E**
1. Carefully pull the weatherstrip away from the side of the driver's kick panel.
 2. Remove the hood release lever by pulling toward the center of the vehicle.
 3. Remove the driver's side kick panel from the vehicle by pulling upward to release the push clip and prying toward the center of the vehicle to disengage the two (2) pressure clips.



Trim Tool **4**

- N O T E**
1. Remove the fuse panel access cover to assist in the removal of the driver's side dash end cap.
 2. Remove the driver's side dash end cap panel by prying outward to disengage the four (4) pressure clips.

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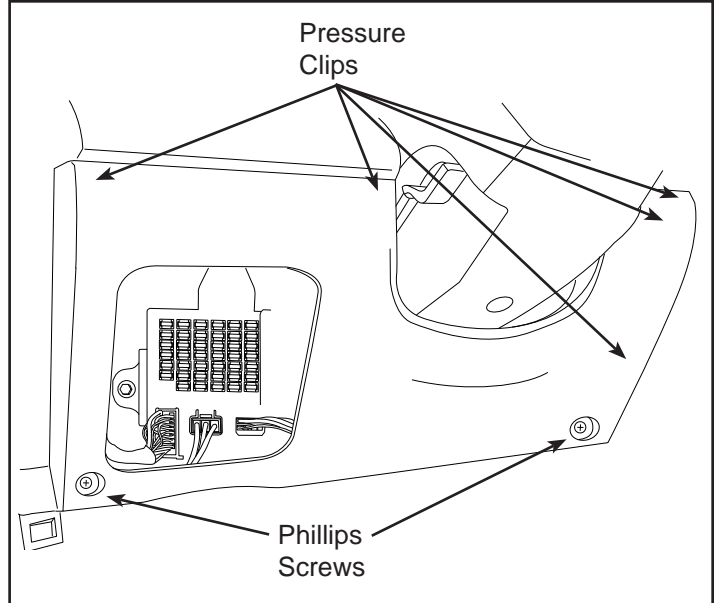


Phillips
Screws

Phillips Screwdriver

5

- N
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T
E**
1. Remove the two (2) phillips screws from the side of the lower dash finish panel.



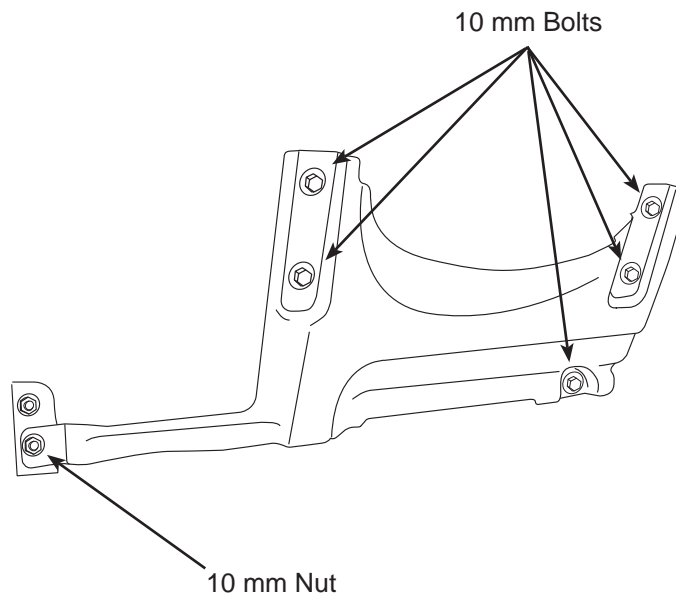
Pressure
Clips

Phillips
Screws

Phillips Screwdriver and Trim Tool

6

- N
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T
E**
1. Remove the lower dash finish panel by removing the two (2) phillips screws from the bottom of the panel. Using a trim removal tool, carefully pry outward to release the five (5) pressure clips.
 2. Remove the OBDII connector from the panel.
 3. Disconnect the remaining connectors, if equipped.



10 mm Bolts

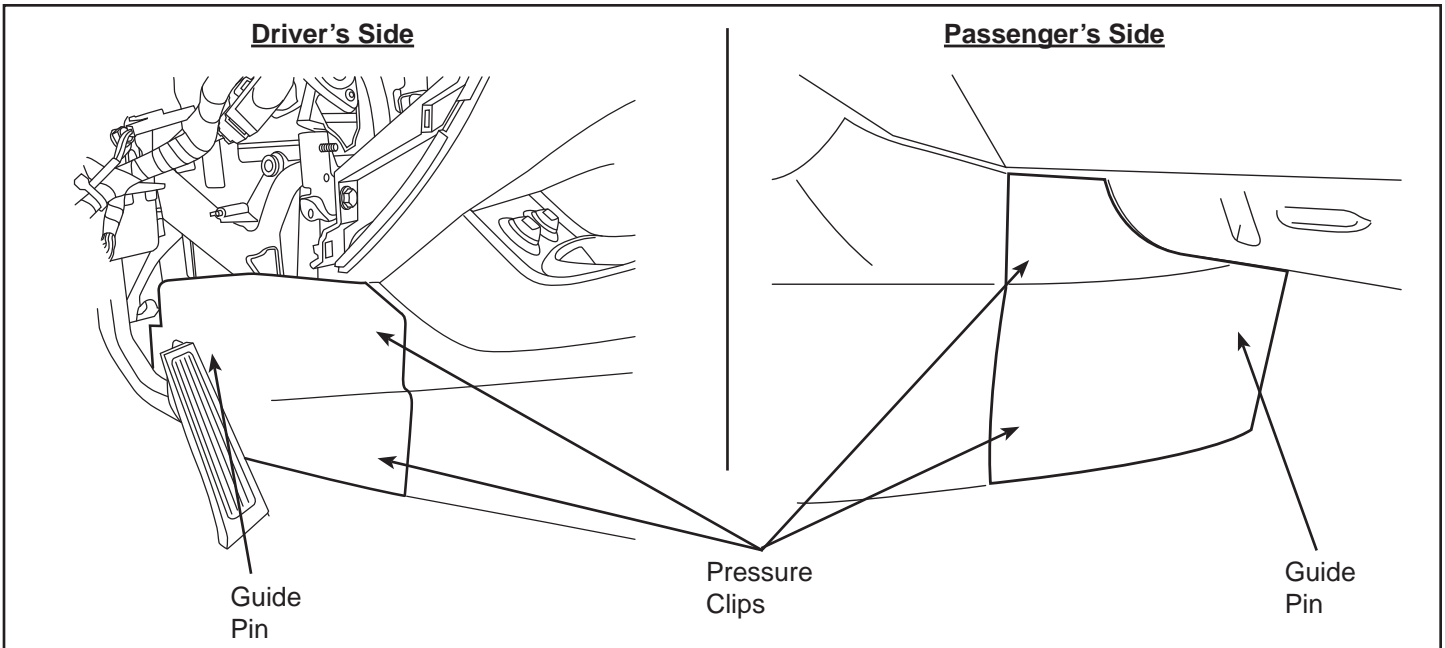
10 mm Nut

Ratchet, Extension and 10 mm Socket

7

- N
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E**
1. Remove the five (5) 10 mm bolts and the one (1) 10 mm nut securing the steel knee bolster panel.
 2. Remove the steel knee bolster panel from the vehicle.

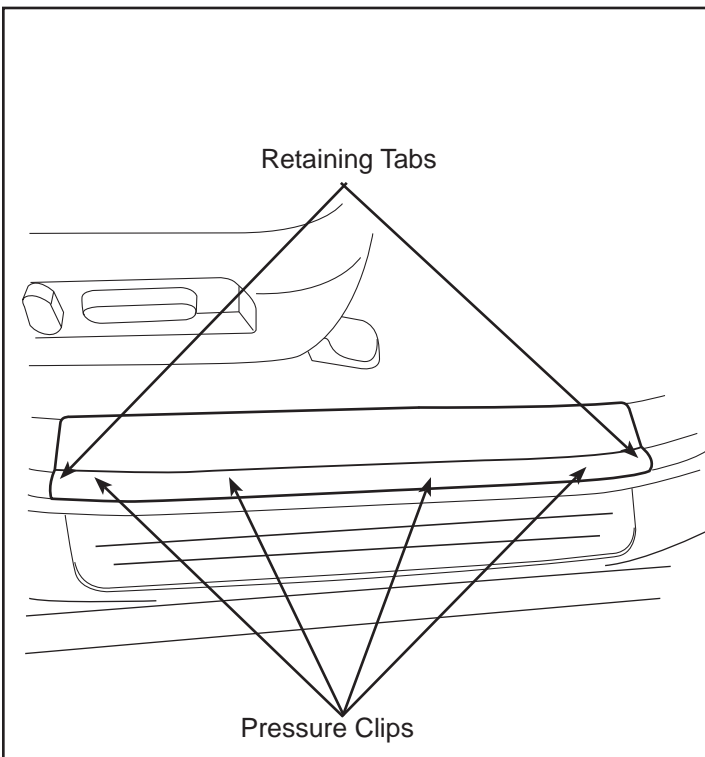
KIA Genuine Accessories



Trim Tool

8

- NOTE**
1. Remove the Driver's and Passenger's side lower front console trim panels by disengaging the two (2) pressure clips.
 2. Pull the panel(s) toward the rear of the vehicle to release from the guide pin.



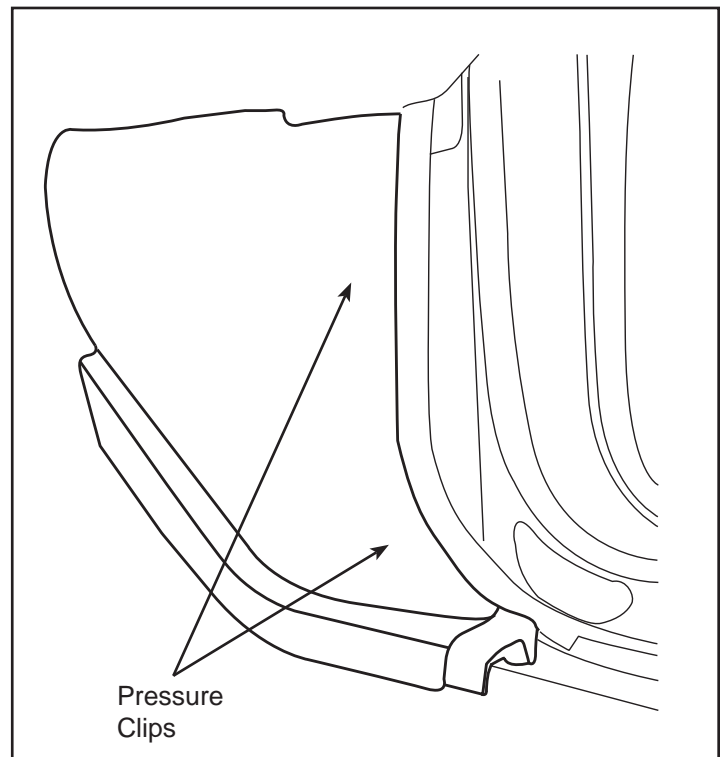
*Existing (non-illuminated) scuff plates may be discarded.



Trim Tool

9

- NOTE**
1. Remove the passenger's side front door scuff plate by inserting the trim removal tool under the trim panel and prying upward to release the four (4) pressure clips and two (2) retaining tabs.
 2. Discard passenger's scuff plate.



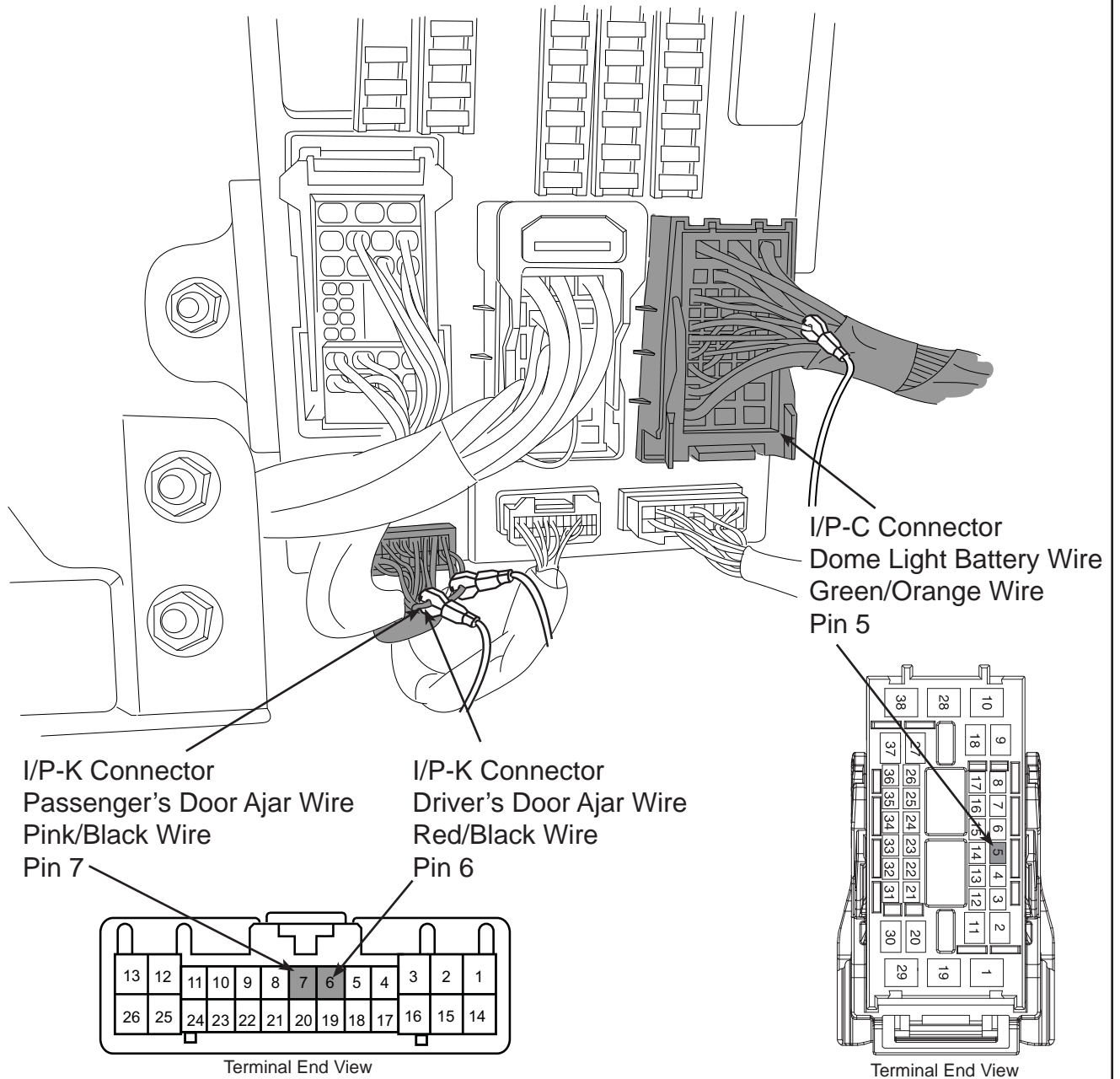
Trim Tool

10

- NOTE**
1. Carefully pull the weatherstrip away from the side of the passenger's kick panel.
 2. Remove the passenger's side kick panel from the vehicle by pulling upward to release the push clip and prying toward the center of the vehicle to disengage the two (2) pressure clips.

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*Unplug connector, if necessary, to identify proper pin location



 Pliers

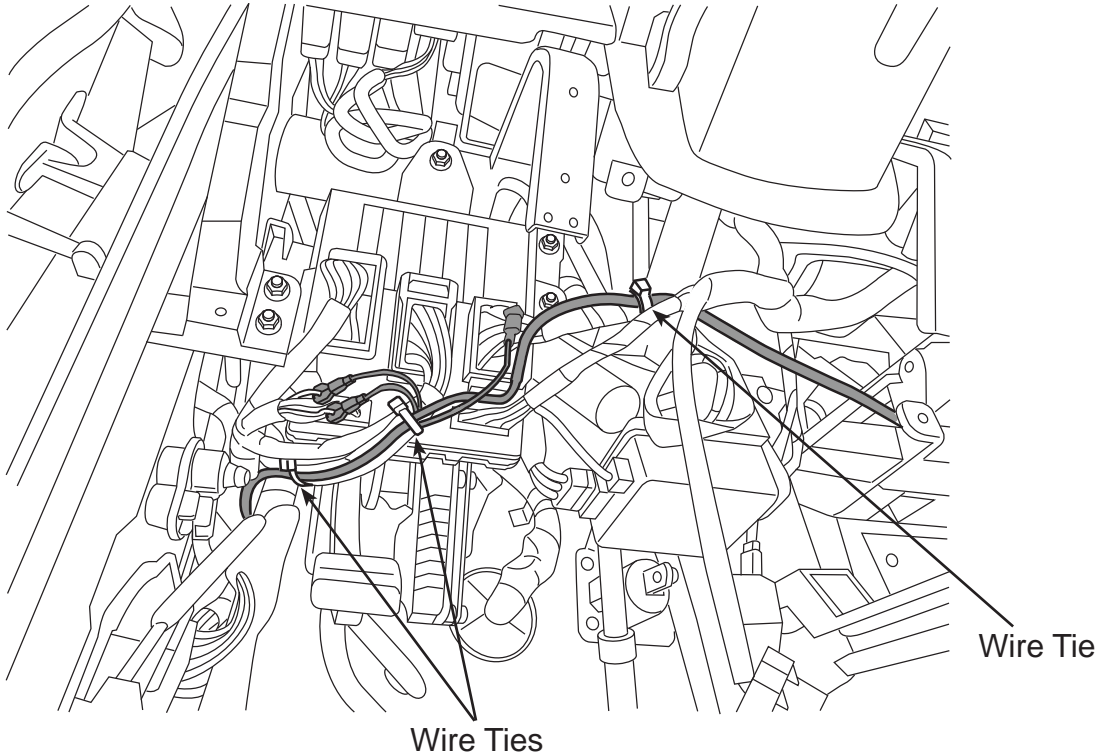
11

N *Refer to Page 3 for T-Tap Installation Procedure.

- O**
- T**
- E**
1. Locate the Green/Orange wire in **pin #5** of the 38-pin I/P-C female connector.
 2. Using pliers, crimp one (1) T-Tap on the Green/Orange wire located in **pin #5** of the 38-pin I/P-C female connector.
 3. Connect the Green/Orange (Dome Light Battery) wire from the illuminated scuff plate harness to the Green/Orange wire (Pin #5 of the I/P-C connector) by engaging the T-Tap.
 4. Locate the Red/Black wire in **pin #6** of the 26-pin I/P-K female connector.
 5. Using pliers, crimp one (1) T-Tap on the Red/Black wire located in **pin #6** of the 26-pin I/P-K female connector.
 6. Connect the Red/Black (Driver's Door Ajar) wire from the illuminated scuff plate harness to the Red/Black wire (Pin #6 of the I/P-K connector) by engaging the T-Tap.
 7. Locate the Pink/Black wire in **pin #7** of the 26-pin I/P-K female connector.
 8. Using pliers, crimp one (1) T-Tap on the Pink/Black wire located in **pin #7** of the 26-pin I/P-K female connector.
 9. Connect the Pink/Black (Passenger's Door Ajar) wire from the illuminated scuff plate harness to the Pink/Black wire (Pin #7 of the I/P-K connector) by engaging the T-Tap.



CAUTION! Ensure the correct pin location is identified. There may be several wires of the same/similar color.

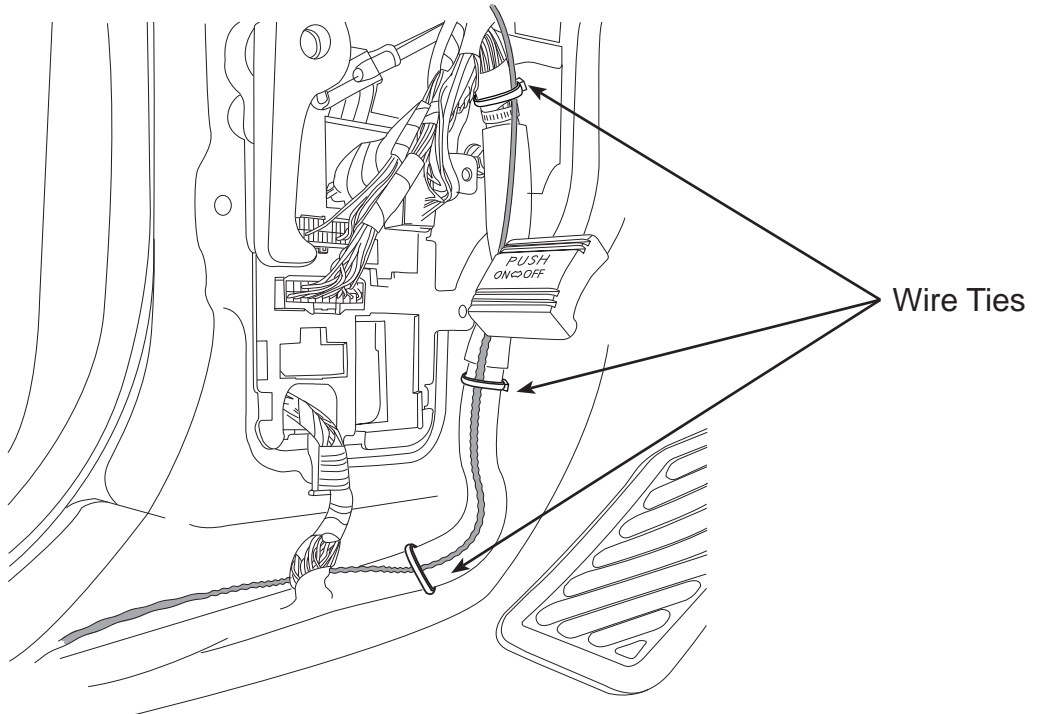


Wire Cutters

12

NOTE

1. Secure the illuminated scuff plate harness to the existing vehicle wire harness at the fuse panel with three (3) wire ties, as shown above. Trim off excess wire ties.

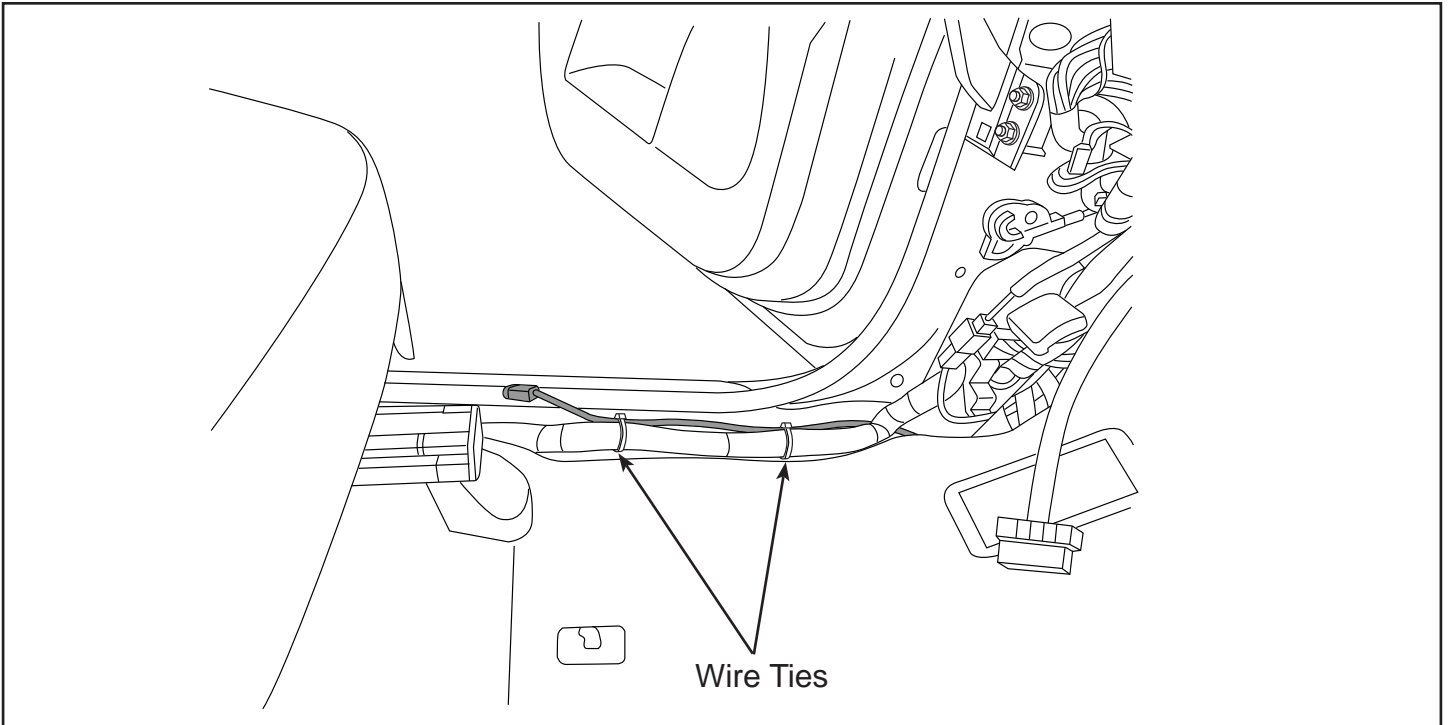


Wire Cutters

13

NOTE

1. Route the shorter portion of the illuminated scuff plate harness to the driver's kick panel area.
2. Secure the shorter portion of the illuminated scuff plate harness to the existing vehicle wire harness with three (3) wire ties, as shown above. Trim off excess wire ties.

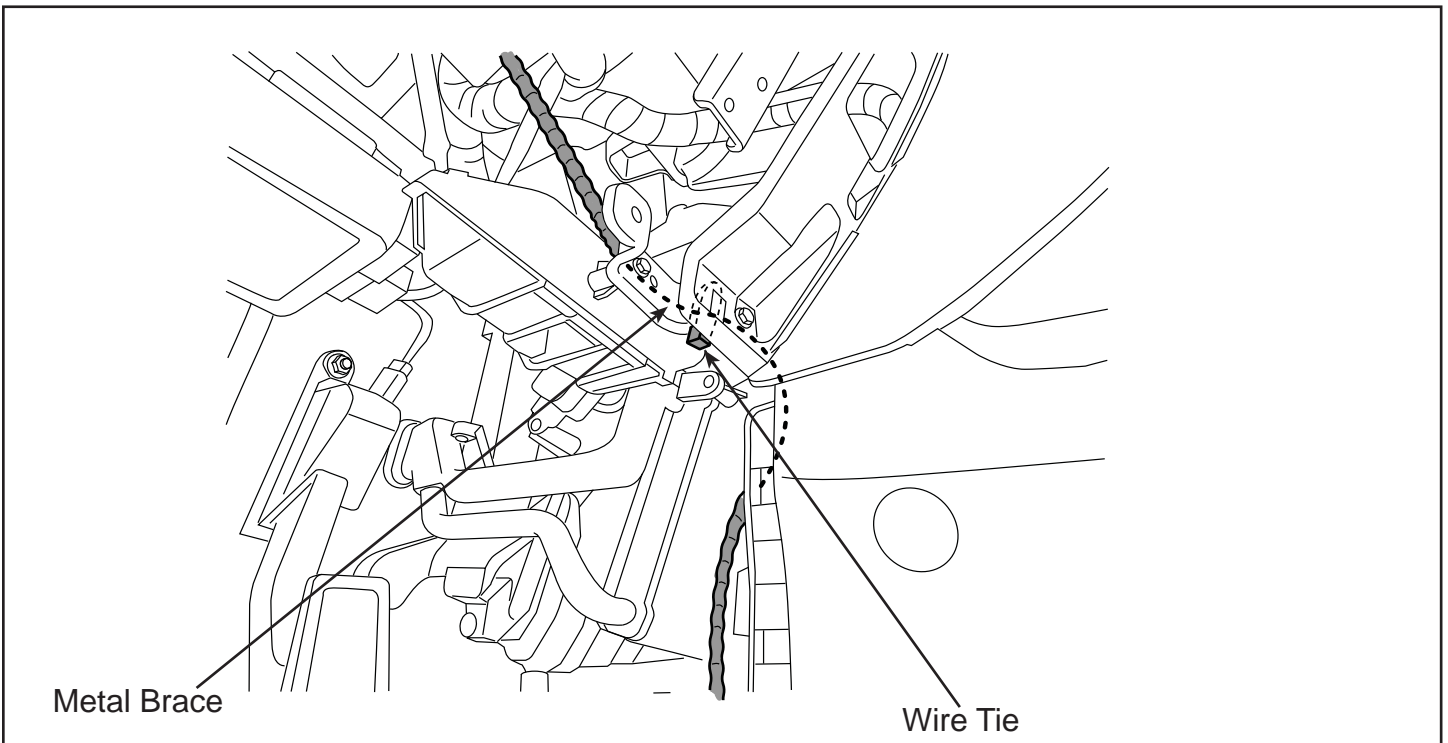


Wire Cutters

14

N 1. Route the shorter portion of the illuminated scuff plate harness to the driver's step sill area.

O 2. Secure the shorter portion of the illuminated scuff plate harness to the existing factory harness with two (2) wire
T ties, as shown above. Trim off excess wire ties.
E



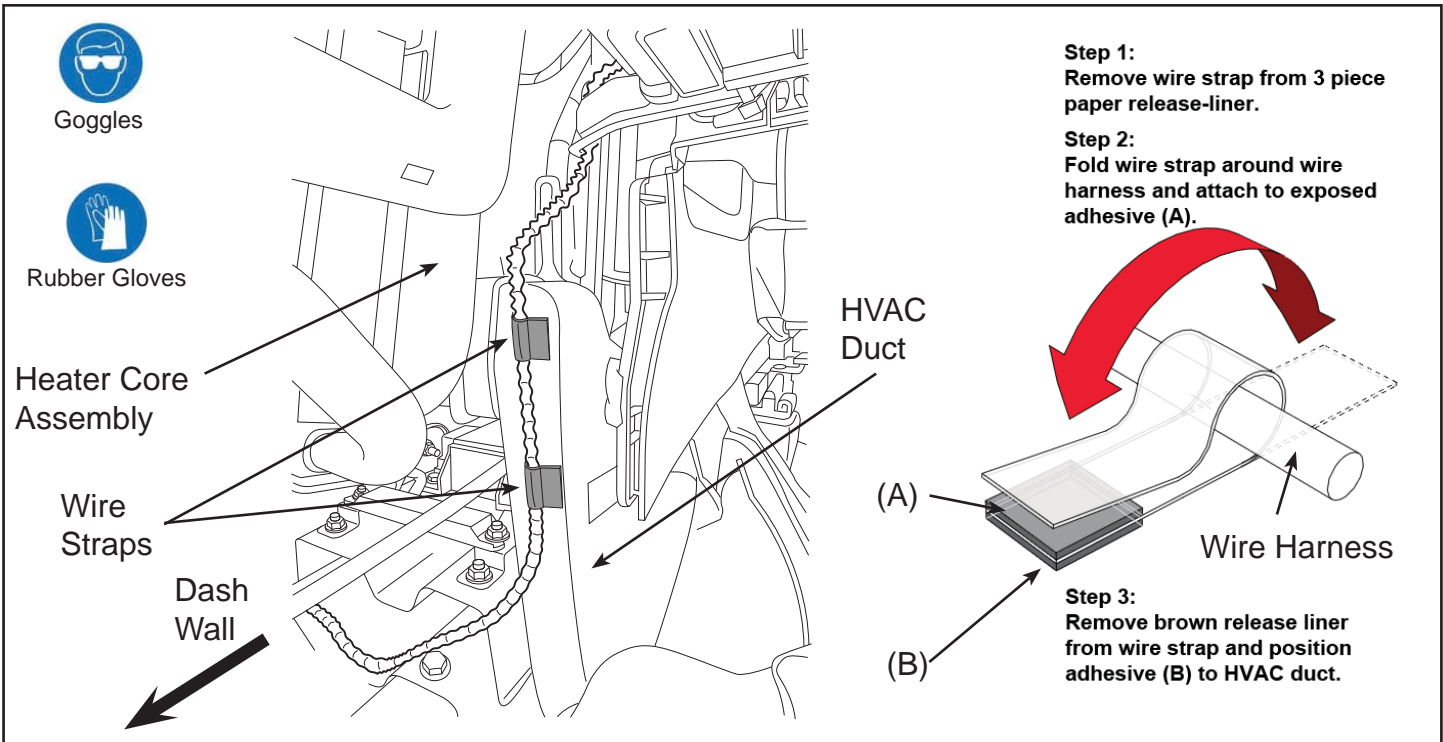
Wire Cutters

15

N 1. Route the longer portion of the illuminated scuff plate harness under the steering column to the center console
O area.
T 2. Continue to route the longer portion of the illuminated scuff plate harness behind the metal dash brace down
E through the metal bracket to the HVAC duct.

3. Secure the longer portion of the illuminated scuff plate harness to the metal dash brace (hidden from view) located near the driver's lower HVAC duct with one (1) wire tie, as shown above. Trim off excess wire tie.

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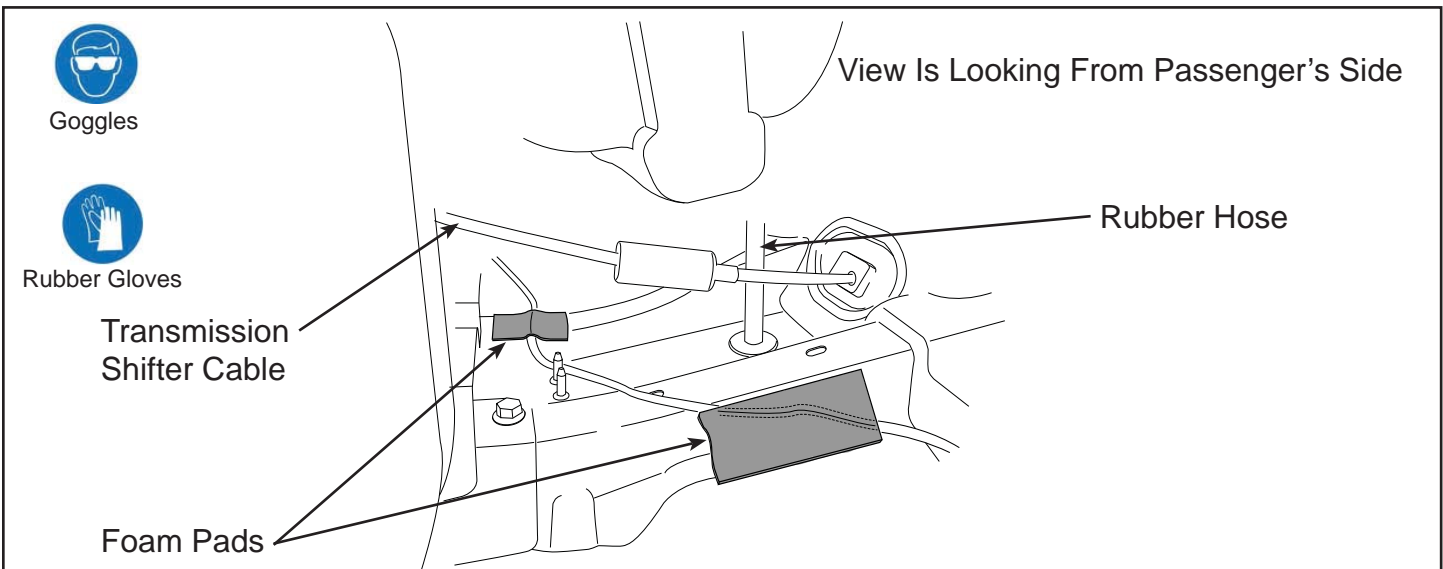


Alcohol Cleaner

16

- NOTE**
1. Clean the area of the HVAC duct where the wire straps will be adhered with an alcohol based cleaning solution. Ensure the HVAC duct is completely dry.
 2. Attach two (2) wire straps to the illuminated scuff plate harness, as shown above.
 3. Secure the illuminated scuff plate harness to the driver's side HVAC duct, as shown above.

CAUTION! Ensure wire straps are not secured to the heater core assembly.



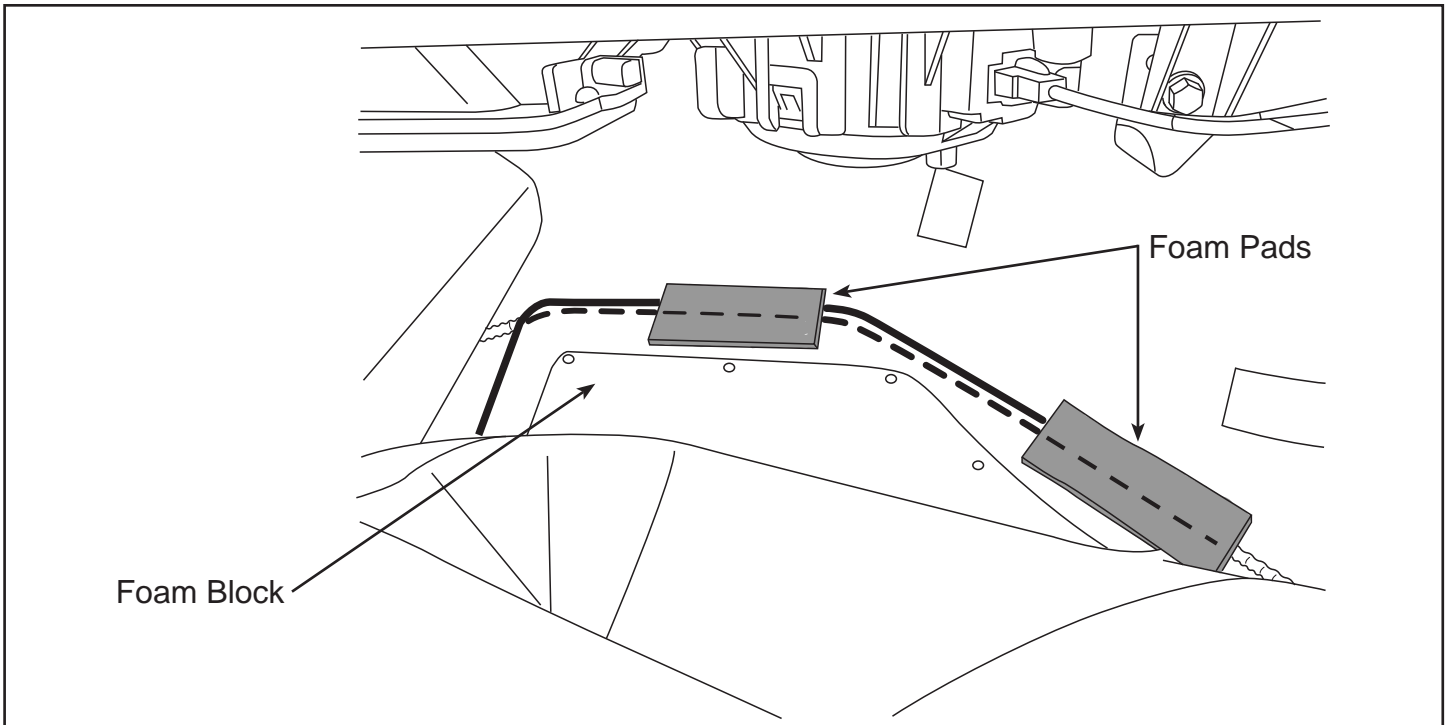
Alcohol Cleaner

17

- NOTE**
1. Clean the area of the vehicle body structure where the foam pads will be adhered with an alcohol based cleaning solution. Ensure the vehicle body structure is completely dry.
 2. Route the illuminated scuff plate harness behind the center console assembly to the passenger's foot well area.
 3. Secure the illuminated scuff plate harness to the vehicle body structure with two (2) foam pads, as shown above.

CAUTION! Do not route the illuminated scuff plate harness against the rubber hose or the transmission shifter cable.

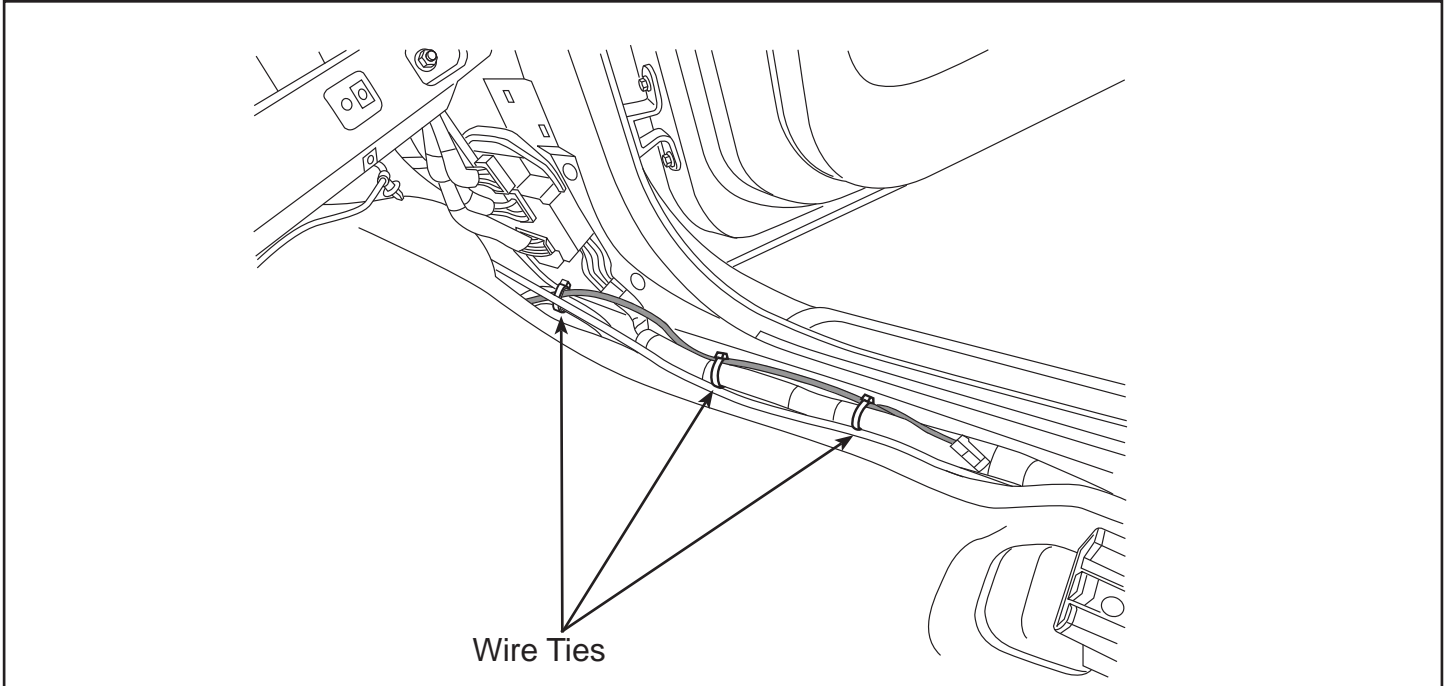
KIA Genuine Accessories



18

NOTE

1. Temporarily remove the passenger's floor mat and carefully pull back the carpeting to expose the passenger's foot well foam block.
2. Route the illuminated scuff plate harness under the leading edge of the passenger's foot well foam block to the passenger's kick panel area, as shown above.
3. Secure the illuminated scuff plate harness with two (2) foam pads, as shown above.



Wire Cutters

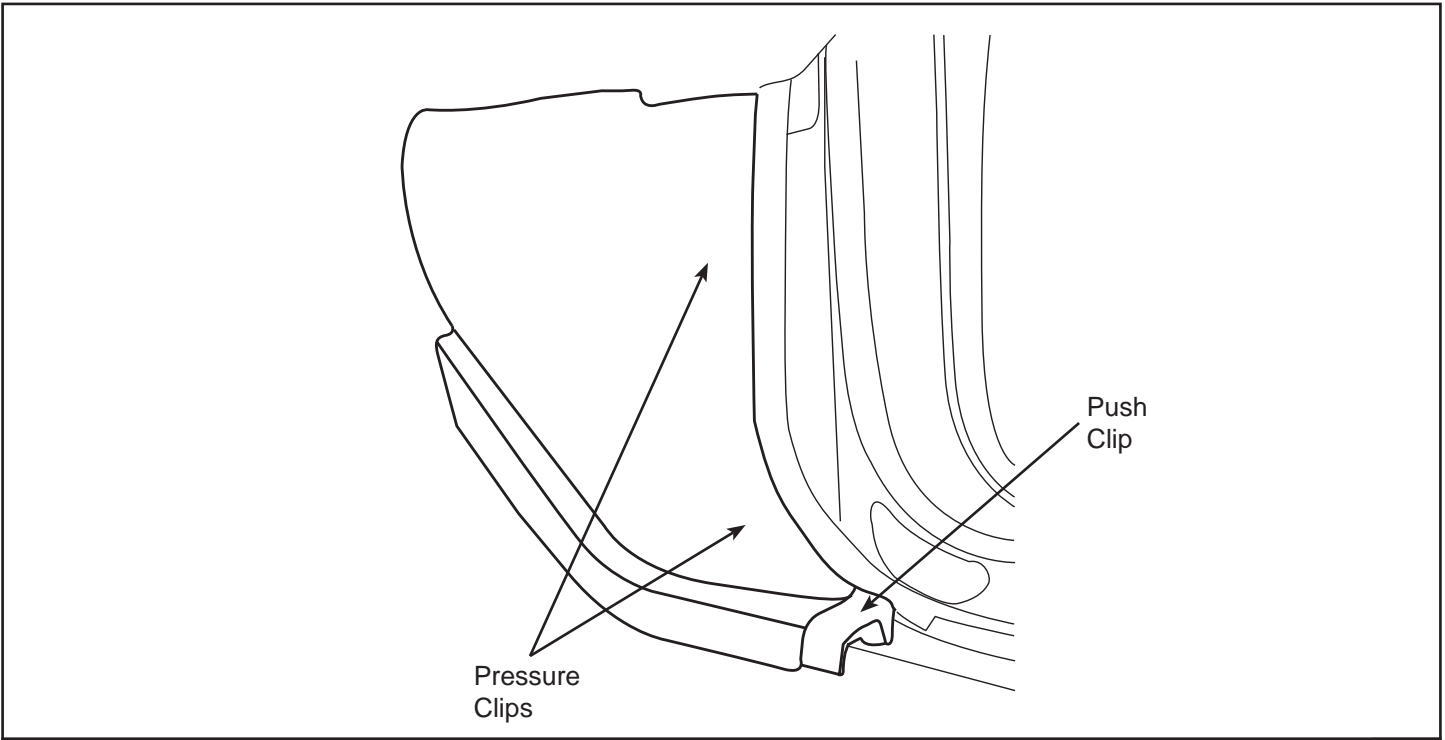
19

NOTE

1. Route the illuminated scuff plate harness to the passenger's step sill area.
2. Secure the illuminated scuff plate harness to the existing vehicle wire harness with three (3) wire ties, as shown above. Trim off excess wire ties.

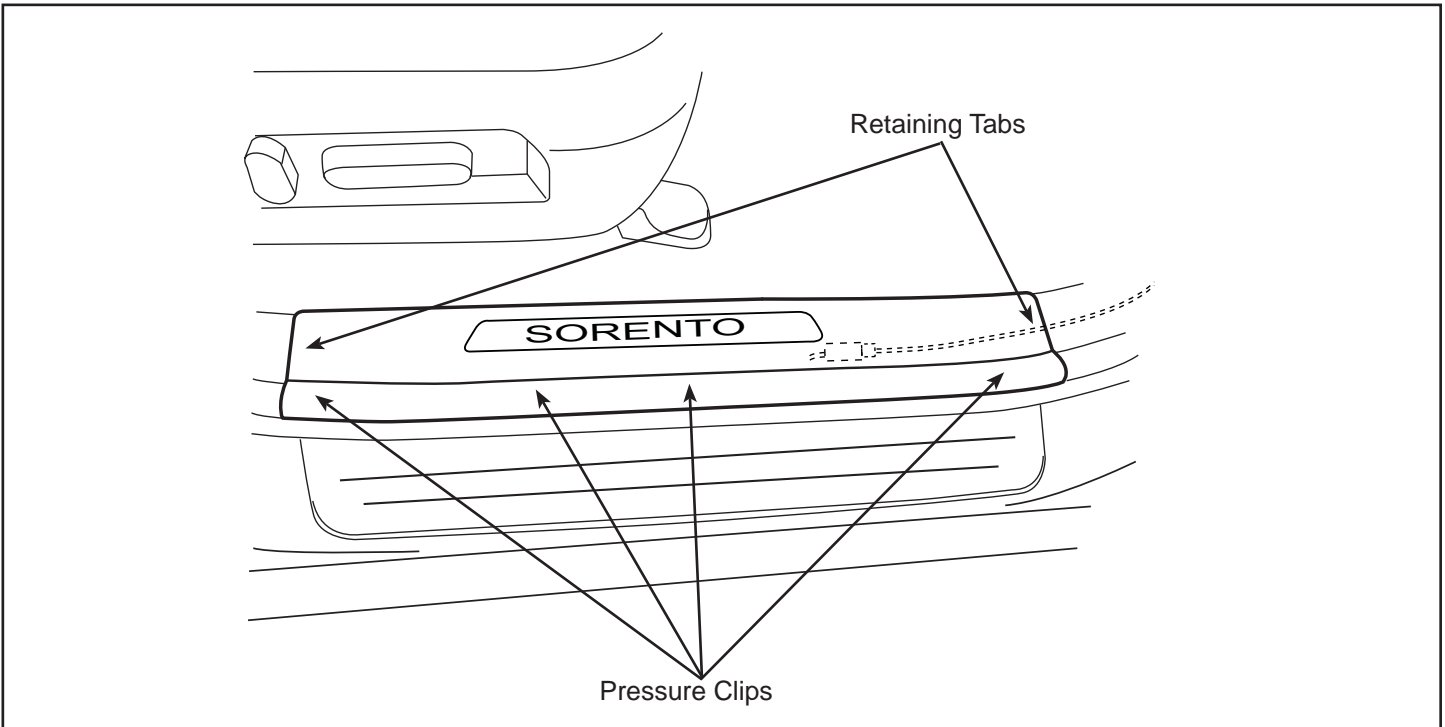


CAUTION! Do not place the wire ties around the rear wiper fluid hose or the rear washer feature may not function properly.



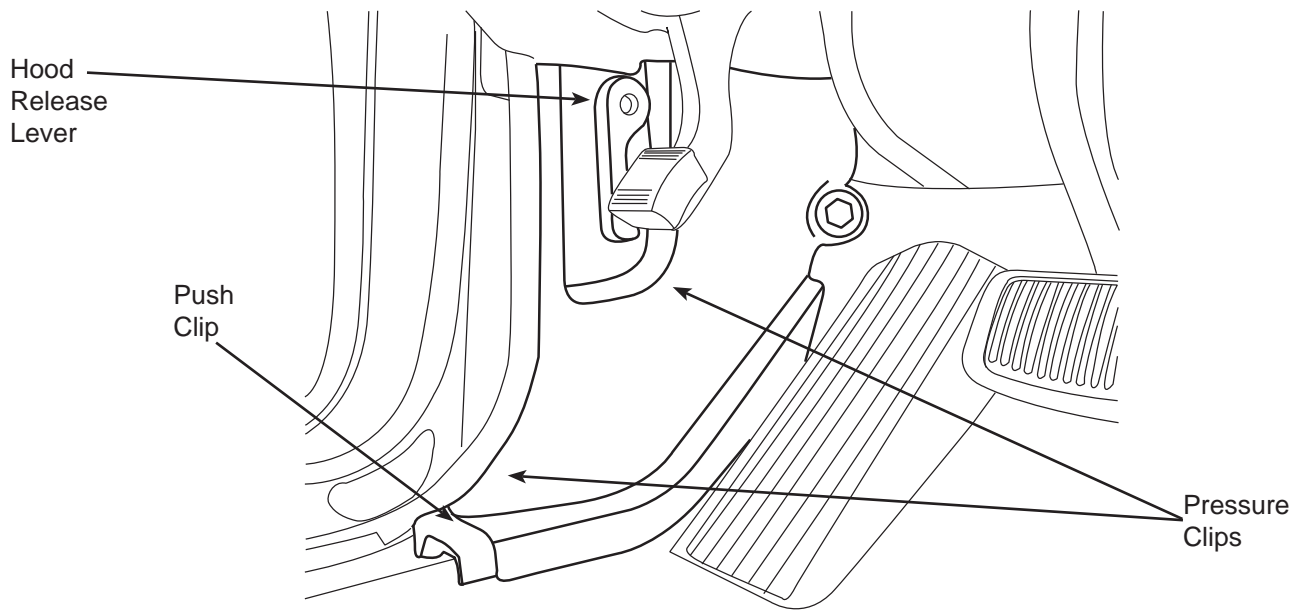
20

- NOTE**
1. Reinstall the passenger's side kick panel by engaging the two (2) pressure clips and one (1) push clip.
 2. Reinstall the weatherstrip near the passenger's side kick panel.



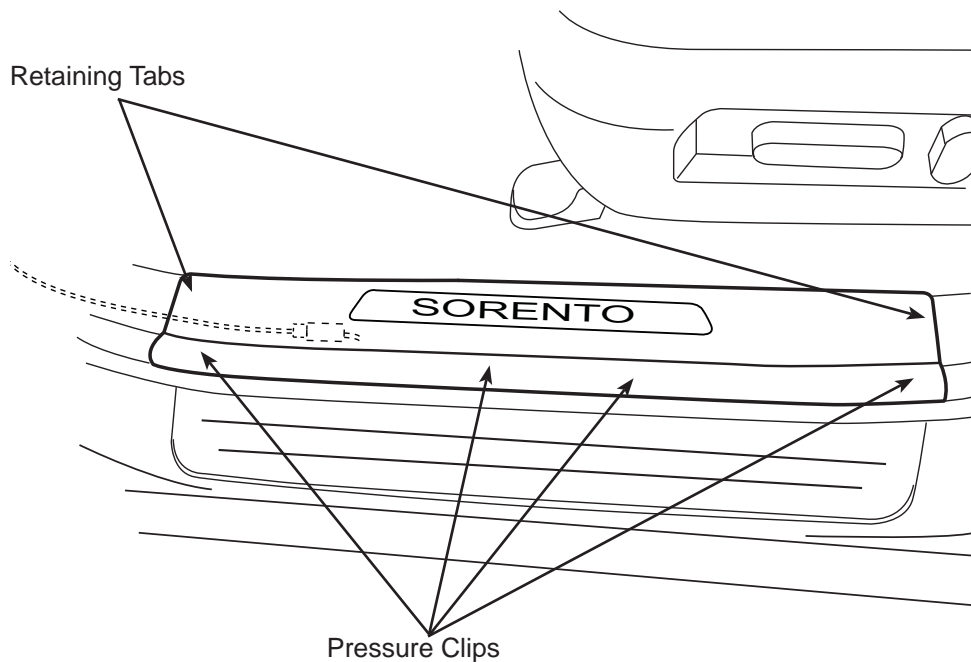
21

- NOTE**
1. Engage the two (2) pin female connector from the illuminated scuff plate harness to the passenger's two (2) pin male connector from the illuminated scuff plate, as shown above.
 2. Install the passenger's side illuminated scuff plate by engaging the four (4) pressure clips and two (2) retaining tabs.



22

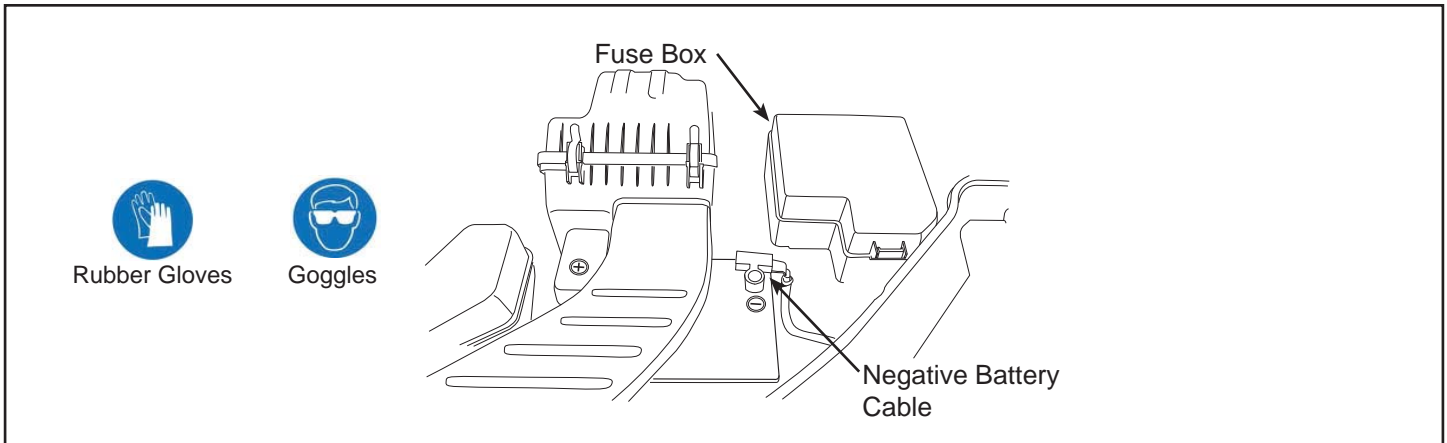
- N
O
T
E**
1. Reinstall the driver's side kick panel by engaging the two (2) pressure clips and one (1) push clip.
 2. Reinstall the hood release lever.
 3. Reinstall the weatherstrip near the driver's side kick panel.



23

- N
O
T
E**
1. Engage the two (2) pin female connector from the illuminated scuff plate harness to the driver's two (2) pin male connector from the illuminated scuff plate, as shown above.
 2. Install the driver's side illuminated scuff plate by engaging the four (4) pressure clips and two (2) retaining tabs.

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Ratchet and 10 mm Socket

24

**N
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1. Reconnect the negative battery cable to the battery.



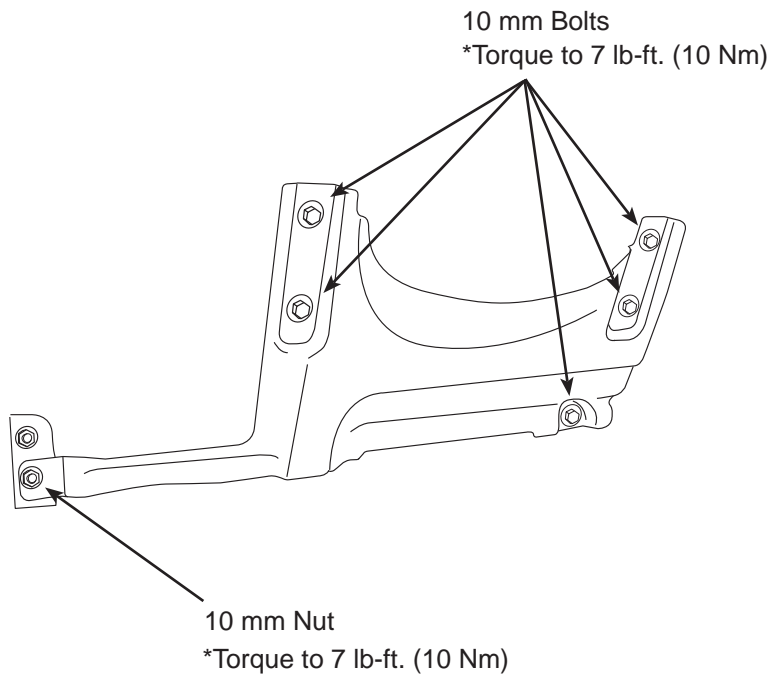
WARNING! Shock Hazard. Do not touch vehicle's negative battery terminal to vehicle's positive battery terminal. Serious physical injury or vehicle damage may occur.

KIA Genuine Accessories Function Check

Ensure the transportation fuse is properly installed before performing the Function Check.

Items To Be Checked	Results Of The Check
 <p><u>Driver's Illuminated Scuff Plate</u> - Unlock doors and open the driver's door.</p> <p>Push and hold the driver's door pin switch, located on the driver's "B" pillar.</p> <p>Release the driver's door pin switch and close the driver's door.</p>	<p>The driver's scuff plate should illuminate.</p> <p>The driver's illuminated scuff plate should turn off.</p> <p>Note: The driver's door will only illuminate/turn off the driver's scuff plate.</p>
 <p><u>Passenger's Illuminated Scuff Plate</u> - Open the front passenger's door.</p> <p>Push and hold the front passenger's door pin switch, located on the passenger's "B" pillar.</p> <p>Release the front passenger's door pin switch and close the front passenger's door.</p>	<p>The front passenger's scuff plate should illuminate.</p> <p>The front passenger's illuminated scuff plate should turn off.</p> <p>Note: The front passenger's door will only illuminate/turn off the front passenger's scuff plate.</p>

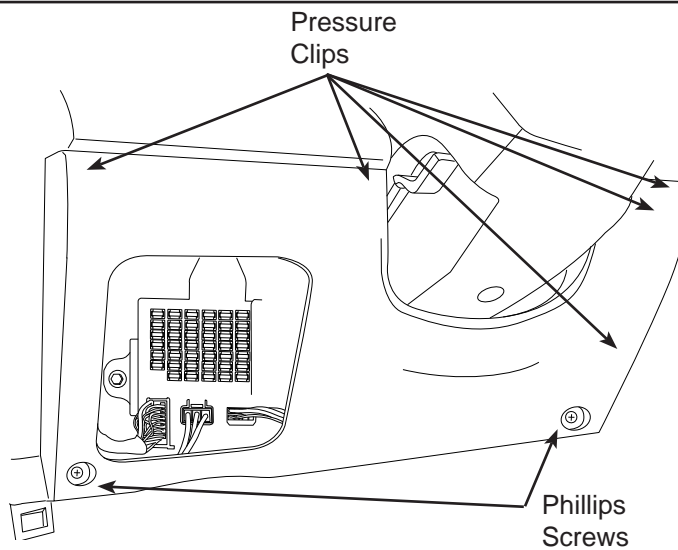
KIA Genuine Accessories



Ratchet, Torque Wrench, Extension and 10 mm Socket

25

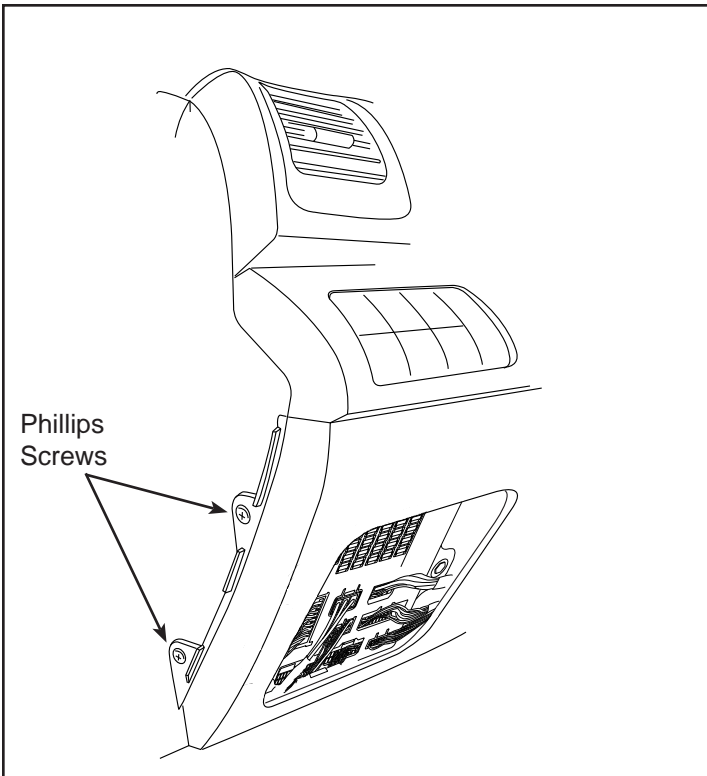
- N**
O
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E
1. Reinstall the five (5) 10 mm bolts and one (1) 10 mm nut securing the steel knee bolster.
 2. Torque to 7 lb-ft. (10 Nm)



Phillips Screwdriver

26

- N**
O
T
E
1. Reconnect any connectors, including the OBDII connector that may have been removed from the lower dash finish panel.
 2. Reinstall the lower dash finish panel by engaging the five (5) pressure clips and two (2) phillips screws.



Phillips
Screws

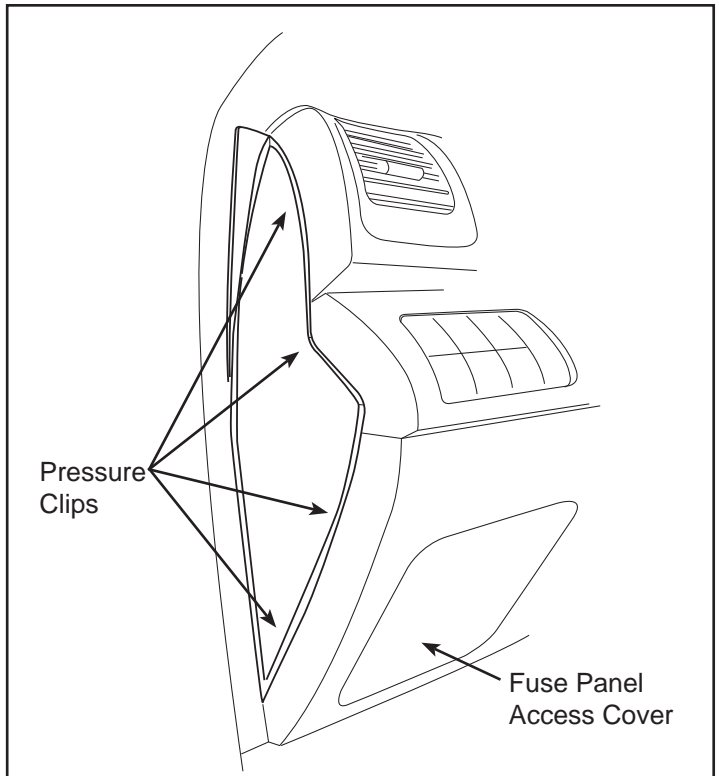


Phillips Screwdriver

27

**N
O
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E**

1. Reinstall the two (2) phillips screws on the side of the lower dash finish panel.



Pressure
Clips

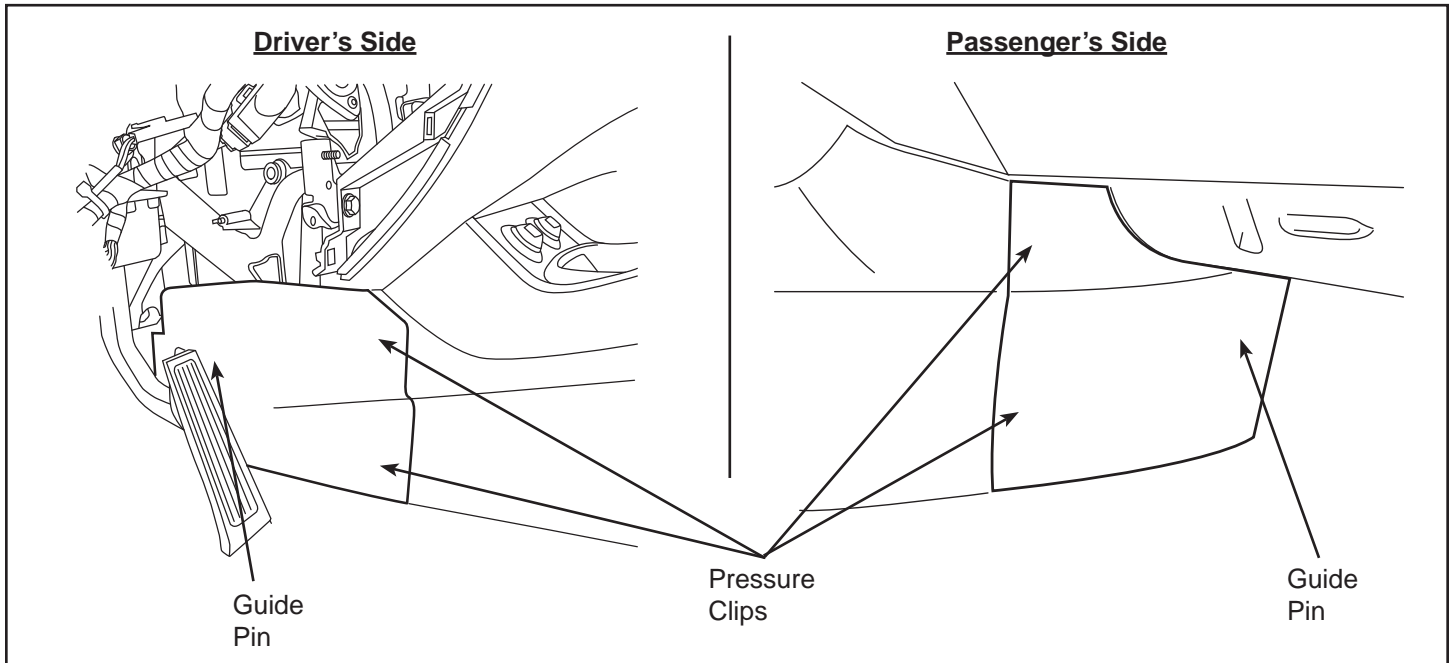
Fuse Panel
Access Cover



28

**N
O
T
E**

1. Reinstall the driver's side dash end cap panel by engaging the four (4) pressure clips.
2. Reinstall the fuse panel access cover.



Driver's Side

Passenger's Side

Guide
Pin

Pressure
Clips

Guide
Pin



29



**N
O
T
E**

1. Reinstall the Driver's and Passenger's side lower front console trim panels by sliding onto the guide pin and engaging the two (2) pressure clips.



CAUTION! Ensure that the driver's side lower front console trim panel is properly engaged onto the guide pin to avoid contacting the accelerator pedal assembly.

KIA Genuine Accessories Troubleshooting

Issue / Concern	Items To Be Checked	
 Passenger's scuff plate does not illuminate/turn off.	Instruction Ref.	*Verify that the correct scuff plate harness wires were connected properly to the correct vehicle wires (Step 11). *Verify that the 2-pin connector at the passenger's scuff plate is connected properly (Step 21).
	Steps 11 & 21	
 Driver's scuff plate does not illuminate/turn off.	Instruction Ref.	*Verify that the correct scuff plate harness wires were connected properly to the correct vehicle wires (Step 11). *Verify that the 2-pin connector at the driver's scuff plate is connected properly (Step 23).
	Steps 11 & 23	

2014~ KIA SORENTO ILLUMINATED SCUFF PLATE WIRING DIAGRAM

