

Vehicle Model Model Year

Part No.

Sonata 2015 ~

Accessory Difficulty

Interior Lighting Kit

(B)

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

Application Notes

- Accessory Installation

lote: For 2018~ Sonata, the 25-Pin connector in step 17 has changed to a 36-Pin connector. Refer to page 9 for new T-Tap locations.

C2068 ADU01

Instructional Symbols / Definitions



Denotes warnings that may lead to serious physical injury or vehicle

Denotes cautions to be taken to avoid



Denotes quality processes to be checked prior to moving to the next

Denotes specific tools that are

necessary to complete the step.



Denotes safety equipment required to be used such as a mask, safety glasses, gloves, and hearing protection.













Hearing Protection

physical injury or electronic component damage.

Denotes cautions to be taken to avoid vehicle and component damage.



Denotes instructional steps necessary to complete the process

Gloves

Basic Required Hand Tools







FMVSS 110 Compliance Information

Part Number: C2068 ADU01

0.44 lbs 0.2 kg (Gross Weight)



Nylon Trim Panel Removal Tool



Torque Wrench









All dealers must determine if the weight they have added in the form of all options or accessories. when added to the weight of all Port/Dealer Installed options or accessories, exceeds the lesser of 1.5% of GVWR or 100 lbs. If the additional weight does exceed the lesser of the indicated thresholds, a "Load Carrying Capacity Reduced" label must be installed. A black, finepoint, indelible marker must be used to write by hand onto the label, the reduced carrying capacity in kilograms or pounds, which is the total weight of all added options and accessories. Load Label Part Number: NP070 - 09003





Flectric Drill



19/32" Drill Bit



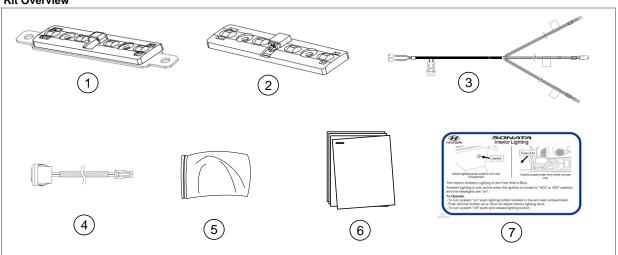
Hyundai Dealer Technical Support For Authorized Dealers - (800) 325-6604 M-F 8:00am - 8:00pm EST

SAT 9:00am - 6:00pm EST

- 1) Read the entire installation instructions prior to beginning the installation of this accessory.

 2) Make sure the vehicle is completely clean before the accessory.
- Make sure the vehicle is completely clean before the accessory is installed.
- 3) Ensure the vehicle is properly protected in the area(s) that the accessory is to be installed.
- 4) To prevent vehicle damage, never place tools on top of painted surfaces, seats, dash pad, console or floor carpet/mats.
- Always wear appropriate safety gear to include gloves and safety glasses when required.
- 6) Factory wire colors are subject to change, please use the specified pin # in the harness connector to identify the correct wire for T-Tap installation.

Kit Overview



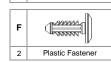
No.	Qty.	Description
1	1	LED & Bracket Assembly
2	1	LED
3	1	Wire Harness
4	1	Switch
5	1	Hardware Bag
6	1	Instruction Manual
7	1	Glove Box Information Card

Hardware Overview













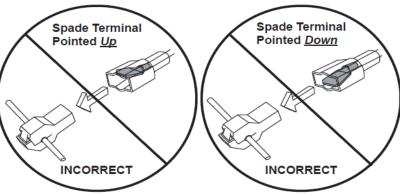
Hardware Total	
31	

^{*} Extra components intentionally placed in kit as spares.

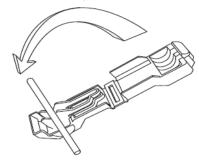
Please follow directions for proper placement of each component.

T-Tap Installation Procedure

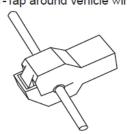
Factory wire harness colors are subject to change, please use the specified pin # in the harness connector to identify the correct wire for T-Tap installation.



1. Place T-Tap on vehicle wire.



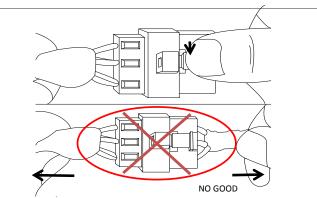
2. Using pliers, close and crimp T-Tap around vehicle wire.



CORRECT
Spade Terminal <u>CENTERED</u>
Inside Connector

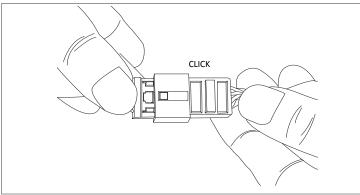
Insert harness wire with male spade terminal end into the T-Tap.

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



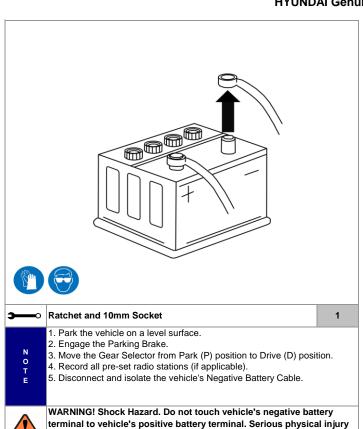
Disconnecting Connectors

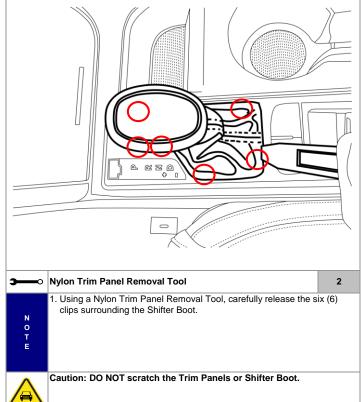
When disconnecting connectors, press the lock tab and pull apart by grasping the connectors. DO NOT PULL ON WIRES.

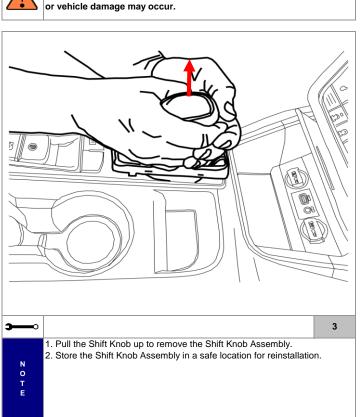


Lock Connectors

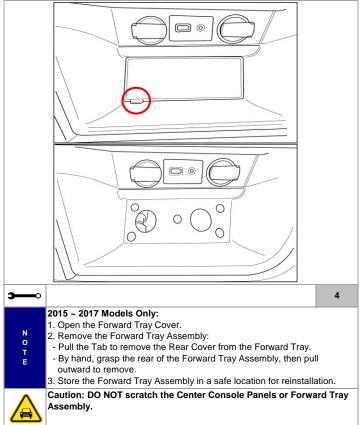
When locking connectors, listen for a click indicating they are securely locked.

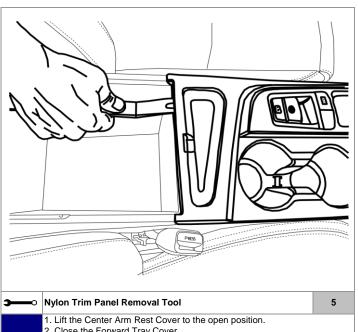






Caution: DO NOT scratch the Trim Panels or Shift Knob Assembly.



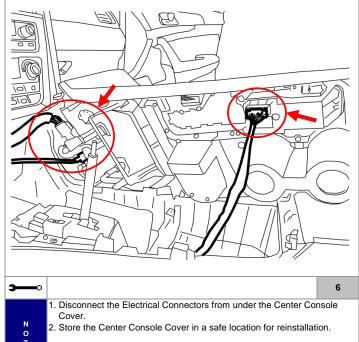


2. Close the Forward Tray Cover.

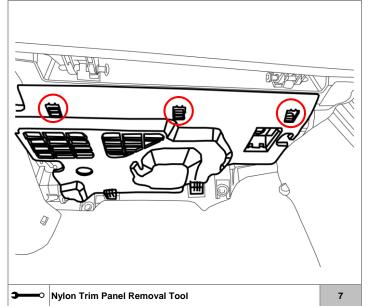
3. Using a Nylon Trim Panel Removal Tool, dislodge the Center Console Cover.

Caution: DO NOT scratch the Trim Panels. DO NOT lose the eight (8) pressure clips.

N 0



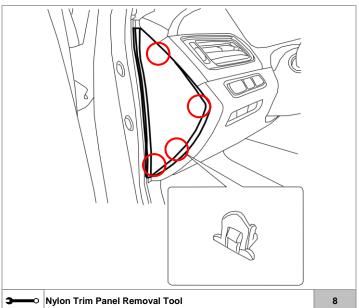
Caution: DO NOT scratch the Center Console Cover.



1. Remove the passenger side Close Out Panel by pressing the three (3)

2. Store the Close Out Panel in a safe location for reinstallation.

Caution: DO NOT scratch the Close Out Panel or surrounding Trim Panels.

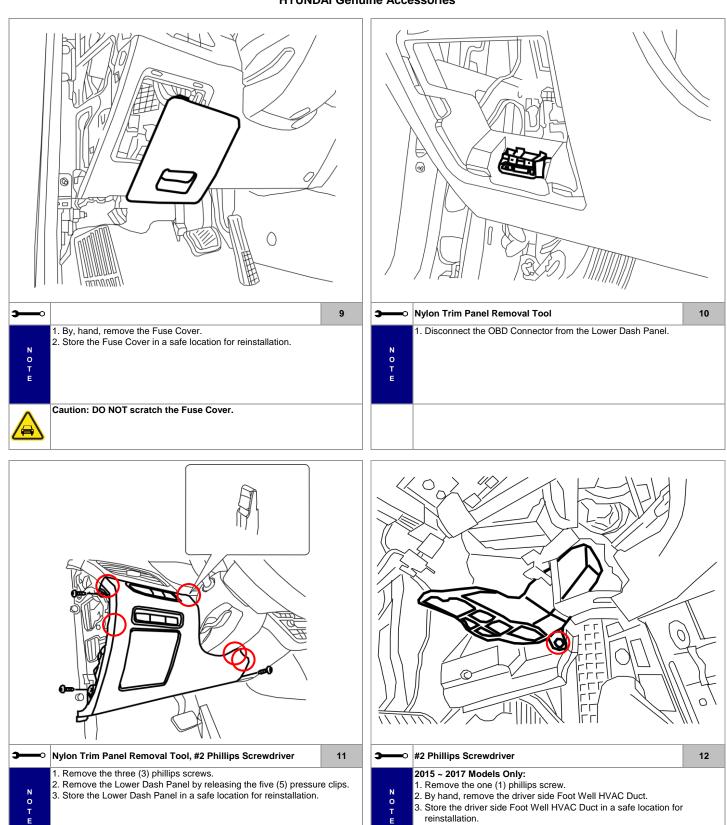


1. Remove the driver side Crash Pad Side Cover by releasing the four (4) clips as shown.

2. Store the Crash Pad Side Cover in a safe location for reinstallation.

N O

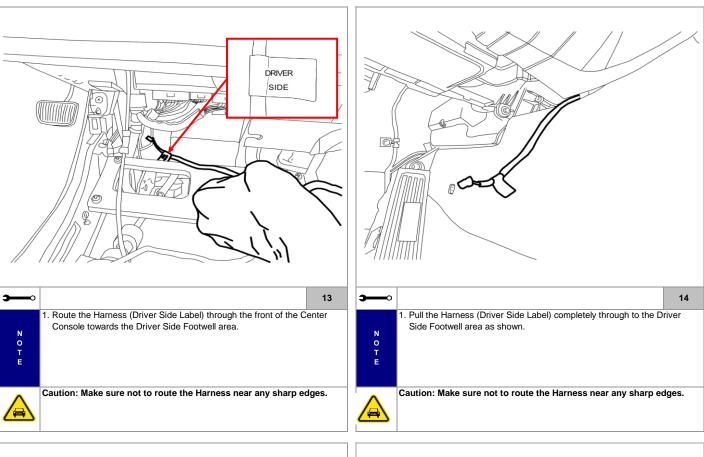
Caution: DO NOT scratch the Crash Pad Side Cover or surrounding Trim Panels.

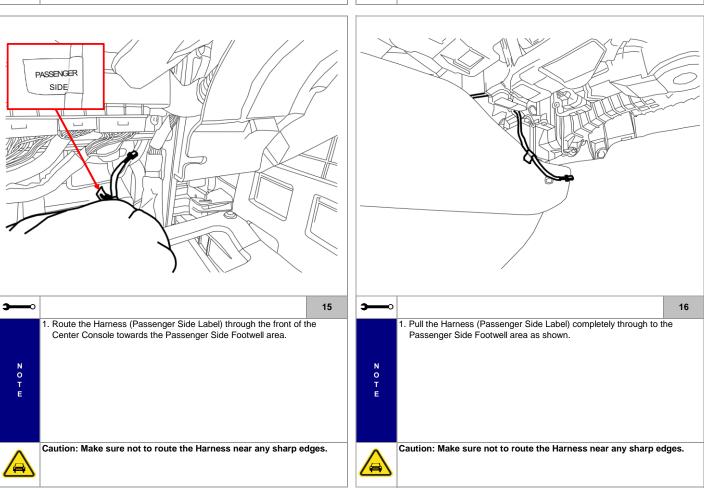


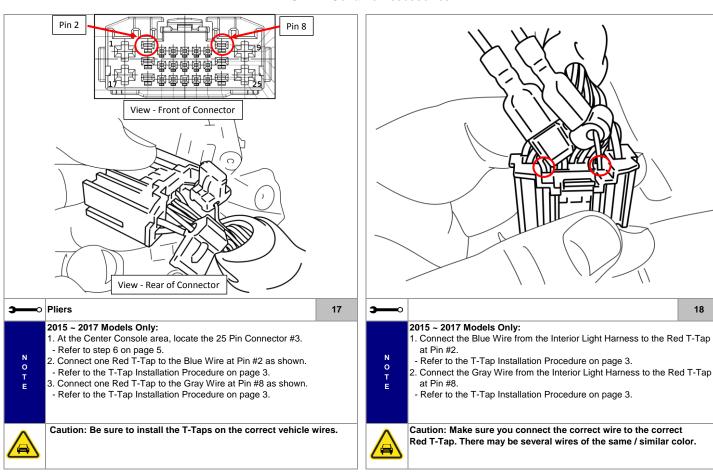
Caution: DO NOT lose the one (1) screws.

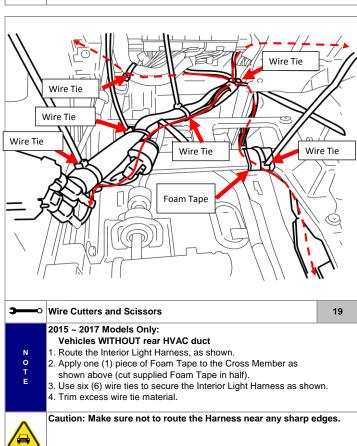
Caution: DO NOT scratch the Lower Dash Panel. DO NOT lose the five

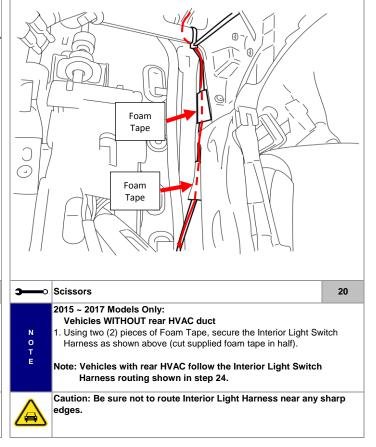
(5) pressure clips or three (3) screws.

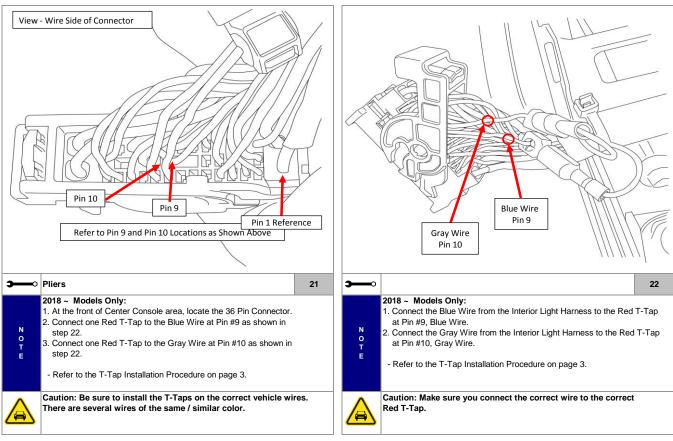


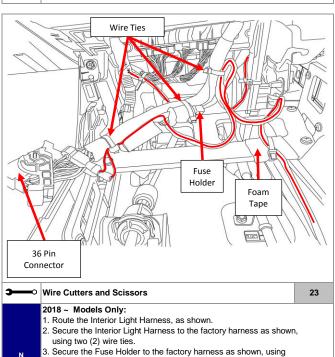














■ Wire Cutters All Models:

> 1. Using one (1) wire tie, secure the Interior Light Switch Harness to the rear of the pressure clip hole on side panel, as shown.

Wire Tie

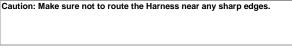
Rear Crossmember

- 2. Using one (1) wire tie, secure the Interior Light Switch Harness to the underside of the Rear Crossmember as shown.
- Trim excess wire tie material.

Wire Tie

5. Secure the Interior Light Switch Harness over the Foam Tape on the crossmember using one (1) wire tie, as shown above. 6. Trim excess wire tie material.

4. Cut one (1) piece of Foam Tape in half and apply one (1) half over

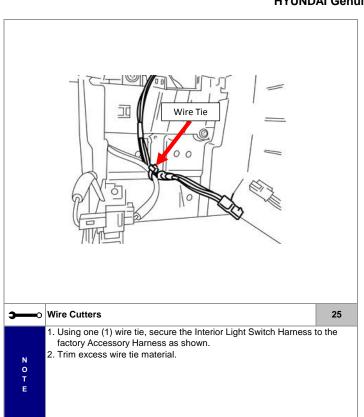




Caution: Be sure not to route Interior Light Harness near any sharp

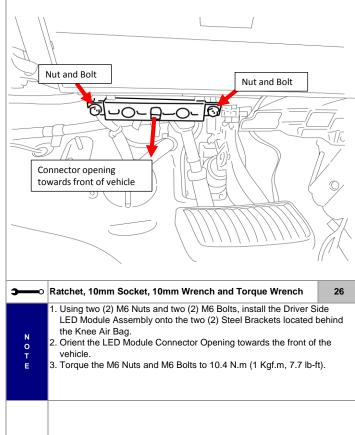
one (1) wire tie.

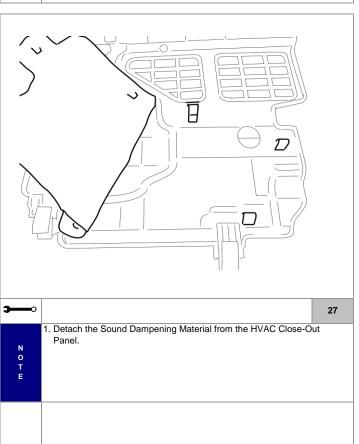
the crossmember as shown above.

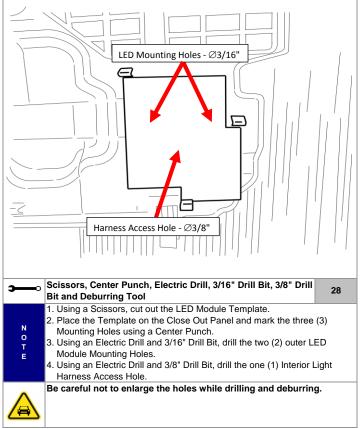


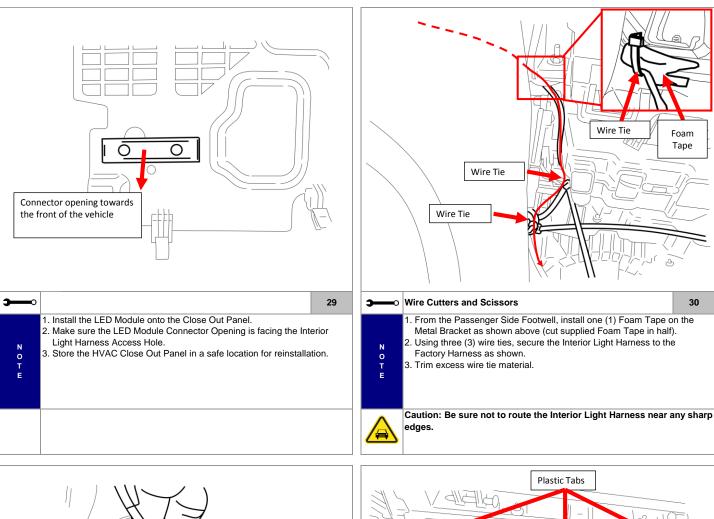
Caution: Be sure not to route Interior Light Harness near any sharp

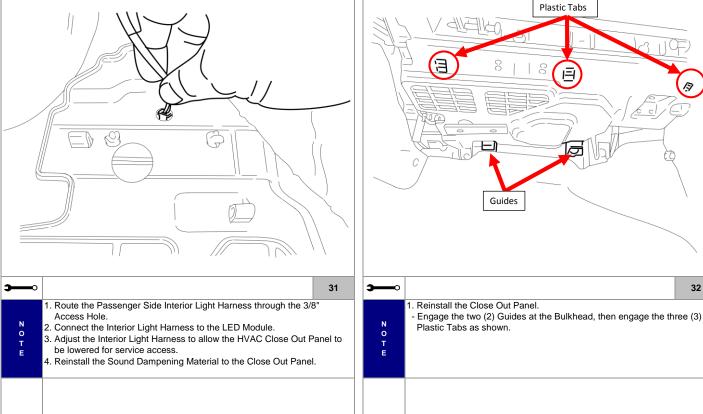
edges.

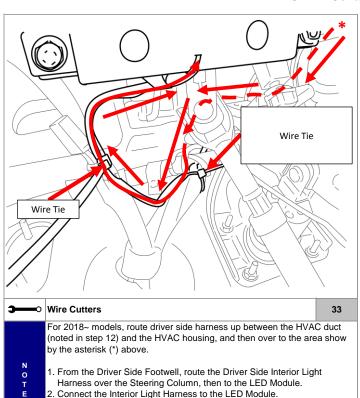






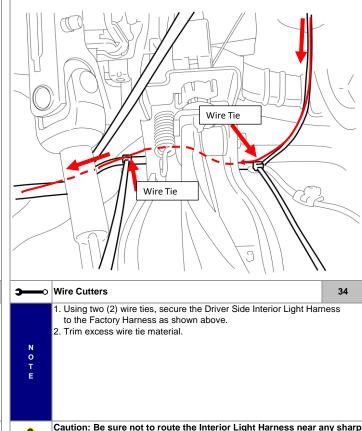






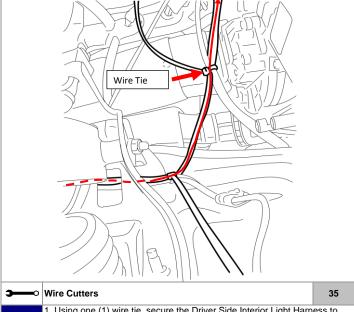
- 3. Using two (2) wire ties, secure the Driver Side Interior Light Harness to the Factory Harnesses as shown above.
- 4. Trim excess wire tie material.

Caution: Be sure not to route the Interior Light Harness near any sharp edges or steering column.





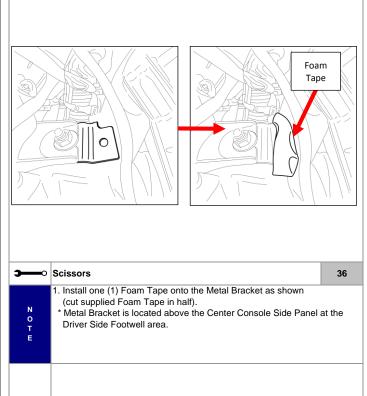
Caution: Be sure not to route the Interior Light Harness near any sharp edges or Steering Column.

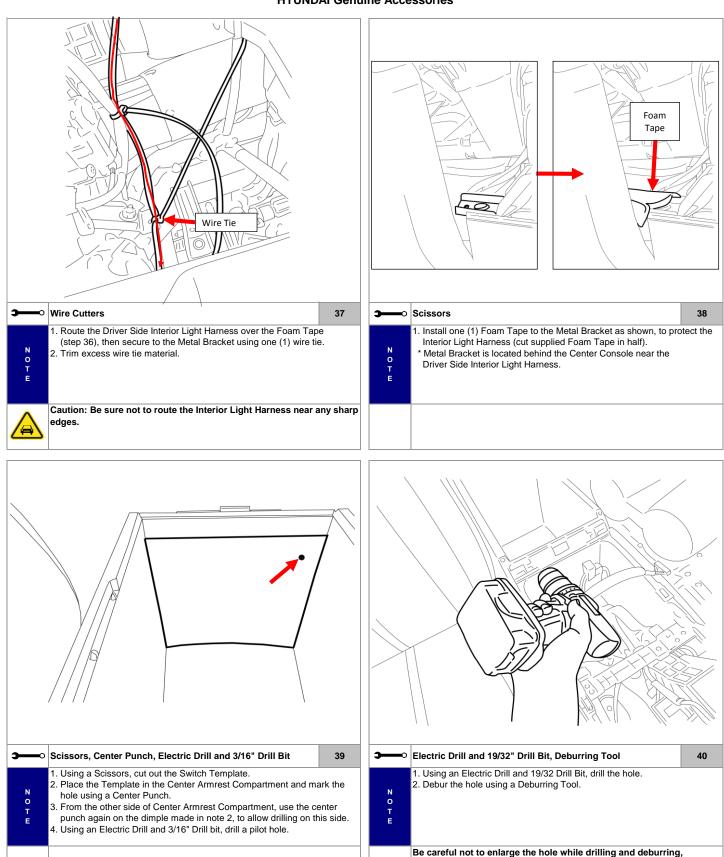


Using one (1) wire tie, secure the Driver Side Interior Light Harness to the Factory Harnesses as shown.

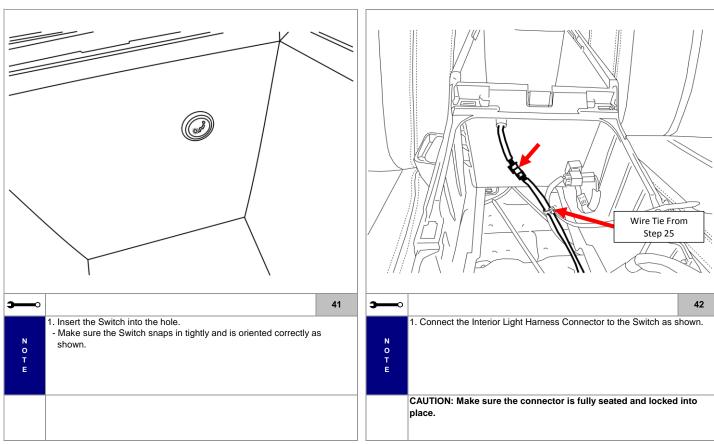
2. Trim excess wire tie material.

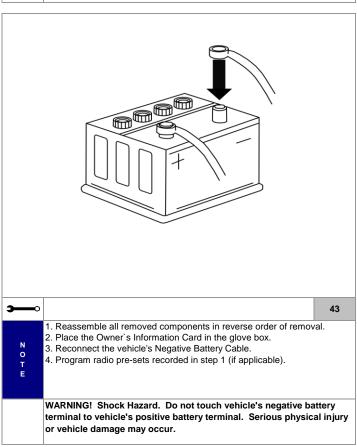
Caution: Be sure not to route the Interior Light Harness near any sharp





otherwise the switch will be too loose in the drilled hole.





HYUNDAI Genuine Accessories Function Check

Items To Be Checked		Results Of The Check	
	Check that the blue LED interior lights are illuminated when the vehicle Headlamps are on.	Interior lights should function with the Headlamps on.	
	Check that the Foot Well Light illumination changes when using the vehicle Dimmer Switch.	Interior lights should become brighter and dimmer when operating the vehicle Dimmer Switch.	
	Check the On / Off function of the Switch.	Interior Lights should turn on and off when switch is operated.	
✓	Verify USB/AUX Port is functional by connecting a suitable media device to the USB port (Phone, MP3,Player, or USB device with music).	Music plays through stereo from USB/AUX Port and connector is installed corectly.	
	Make sure the shift lever cannot be moved out of gear without the brake pedal depressed.	Shift lever and lock mechanism works normally.	
	Make sure to leave the interior lights ON after the Function Check is complete.	Interior lights are in the ON position after the Function Check is completed.	

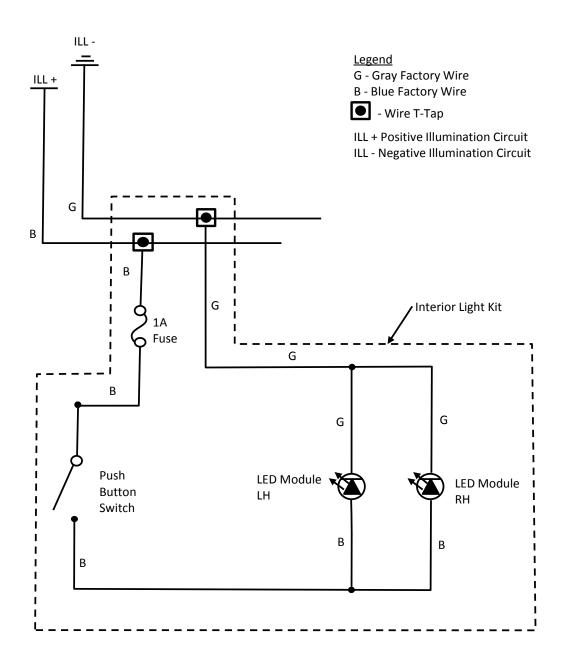
HYUNDAI Genuine Accessories Visual Check

Items To Be Checked		Results Of The Check
	Check that Blue LED Interior Lights are illuminated in both Driver and Passenger side Foot Well areas.	Blue LED Interior Lights are illuminated.

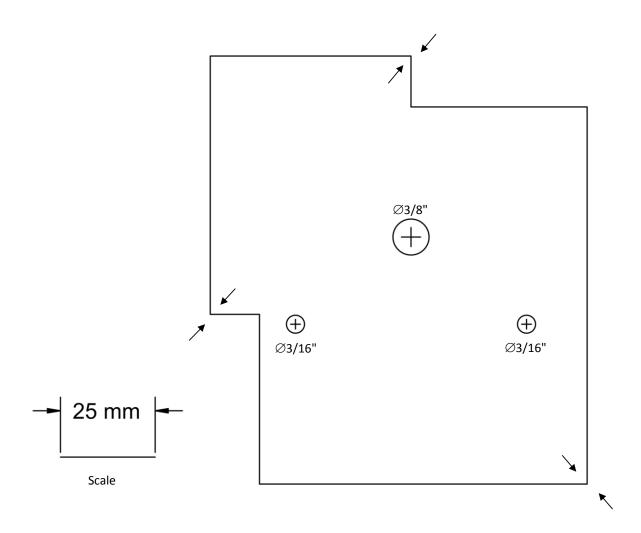
HYUNDAI Genuine Accessories Troubleshooting

	Issue / Concern	Item To Be Checked
	Blue LED interior lights not illuminated.	Check: - switch is in ON position, pushed in fuse is properly installed and intact that T-Taps are installed on the correct wires spade terminals are installed correctly to the T-Tap.
•	Blue LED interior lights do not operate with the vehicle illumination circuit.	Check: - switch is in ON position, pushed in fuse is properly installed and intact that T-Taps are installed on the correct wires spade terminals are installed correctly to the T-Tap.
	Blue LED interior lights do not dim with vehicle illumination circuit.	Check: - switch is in ON position, pushed in fuse is properly installed and intact that T-Taps are installed on the correct wires spade terminals are installed correctly to the T-Tap.

HYUNDAI Genuine Accessories Electrical Schematic



HYUNDAI Genuine Accessories Template - LED Module Passenger Side

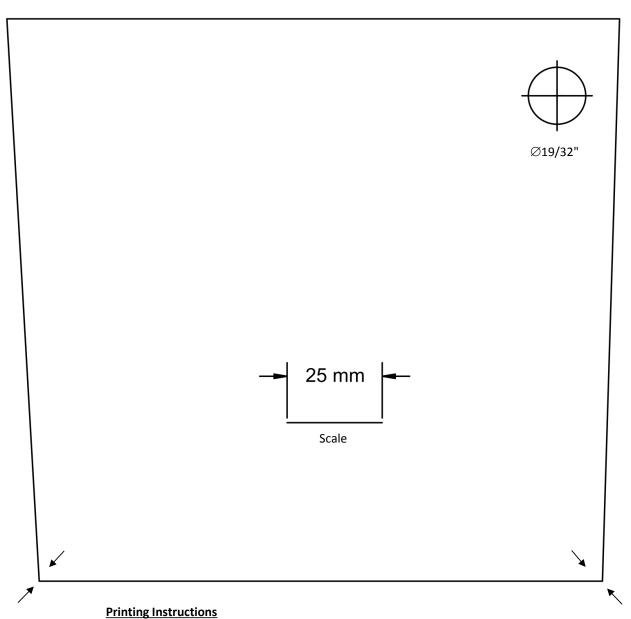


Printing Instructions

- 1. Select No Scale when printing.
- 2. Measure the Scale above to verify printer settings are correct.

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HYUNDAI Genuine Accessories Template - Switch Location



- 1. Select No Scale when printing.
- 2. Measure the Scale above to verify printer settings are correct.