

Genuine Accessories



Vehicle Model: Santa Fe

Model Year: 2019-

Part No.: S2F55 AC000

Language: English

Rev. Date: 6/5/2018

Accessory: Interior Lighting

Difficulty: (B)

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

- (A) Customer
- (B) Dealer Technician
- (C) Master Technician or Specialist

Instructional 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 personal protective equipment (PPEs) that may be required for a step. Examples of safety equipment icons noted below:	
	Denotes cautions to be taken to avoid physical injury or electronic component damage		Denotes specific tools that are necessary to complete a step		
	Denotes cautions to be taken to avoid vehicle and component damage	N O T E	Denotes important information to be reviewed during the step		
				Glasses	Gloves
				Mask	Hearing Protection

Basic Required Tools

Ratchet	10mm Deep Well Socket	Extension	Wire Cutters	Center Punch	Electric Drill	Pliers
Drill Bit (3mm)	Hole Saw (23mm)	Hole Saw (26mm)	Deburring Tool	Clean Cloth	Trim Removal Tool	Torque Wrench

Part Weight (Gross)

0.45	lbs
0.20	kg

FMVSS 110 Compliance Information

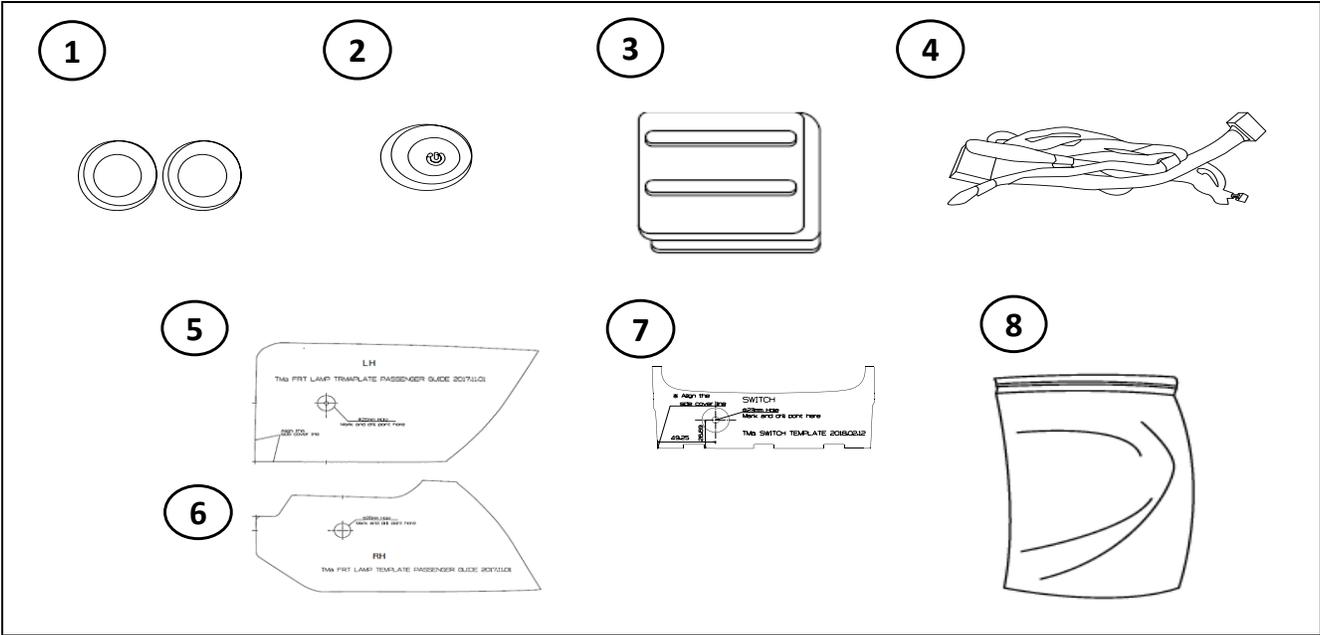
All dealers must determine if the Net weight they have added in the form of all options or accessories, when added to the weight of all Port/Dealer Installed options or accessories, exceeds the lesser of 1.5% of GVWR or 100 lbs. If the additional weight does exceed the lesser of the indicated thresholds, a "Load Carrying Capacity Reduced" label must be installed. A black, fine-point, 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

Notes to the installer:

- 1) Read the entire Installation Instructions prior to beginning the installation of the part.
- 2) Make sure the vehicle is completely clean and dry in the area(s) the part is to be installed.
- 3) Ensure the vehicle is properly protected in the area(s) that the accessory is to be installed.
- 4) NEVER place tools on painted surfaces, seating surfaces, dash pad, console or floor carpet/mats.
- 5) Always wear appropriate personal protective equipment, including gloves, safety glasses, etc., when required.
- 6) Record radio presets prior to disconnecting battery power, if needed.
- 7) Roll down the driver's window and adjust the power seats (if applicable) prior to disconnecting battery power, if needed.

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Kit Overview



No.	Qty	Description	No.	Qty	Description
1	2	Fit Lamp	5	1	LH Front Lamp Template
2	1	Switch	6	1	RH Front Lamp Template
3	1	ECU	7	1	Switch Template
4	1	Wiring Assy	8	1	Hardware Kit

Hardware Kit Contents

A		B		C		D		E	
4	Large Foam Pad (50x150mm)*	4	Medium Foam Pad (50x75mm)**	5	Small Foam Pad (30x140mm)**	4	Short Cable Tie	2	Long Cable Tie

* Indicates extra components intentionally included in kit as spares.

** Not needed for this application.

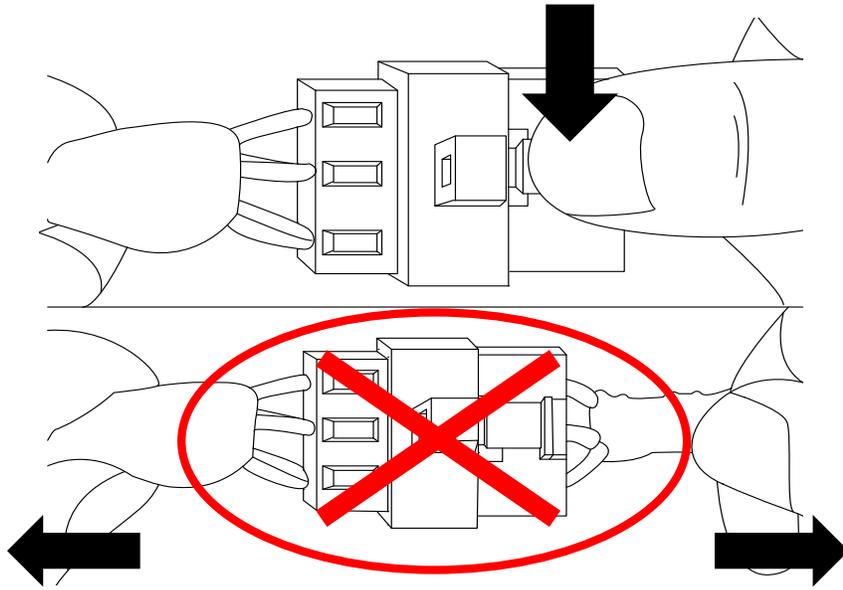
Follow instructions for proper placement of each component.

Hardware Total
19

Radio Presets - record customer preset frequencies if disconnecting battery power

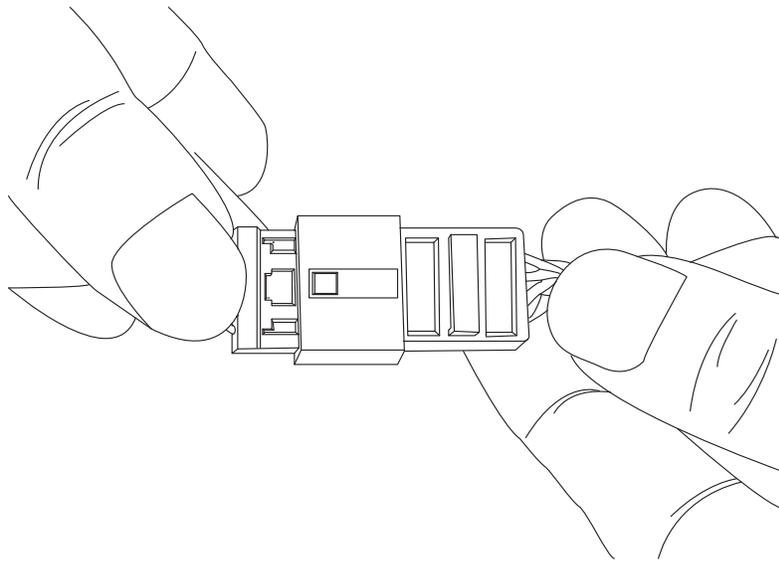
FM1 _____ FM2 _____ FM3 _____ FM4 _____ FM5 _____
 FM6 _____ FM7 _____ FM8 _____ FM9 _____ FM10 _____
 AM1 _____ AM2 _____ AM3 _____ AM4 _____ AM5 _____
 SAT1 _____ SAT2 _____ SAT3 _____ SAT4 _____ SAT5 _____

Special Instructions

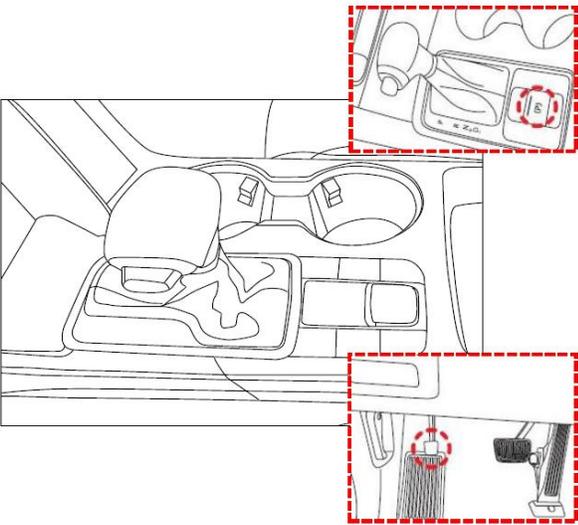


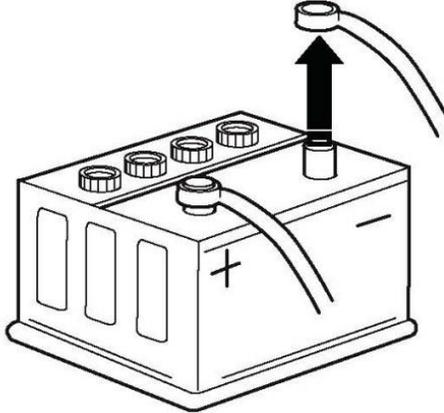
Disconnecting Connectors: When disconnecting connectors, press the lock tab and pull apart by grasping the connectors.

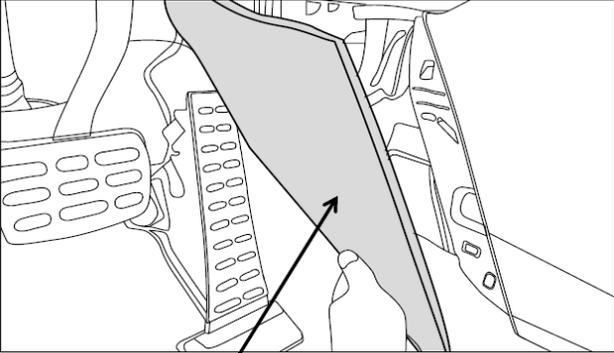
DO NOT PULL ON WIRES.

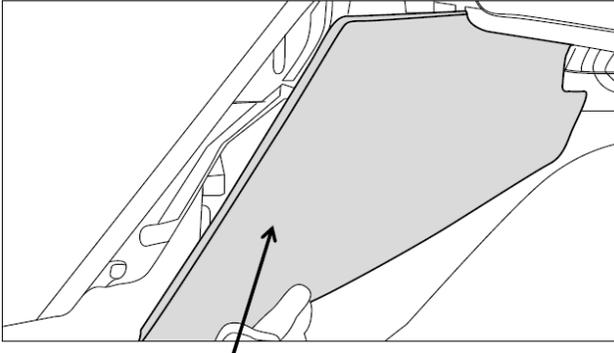


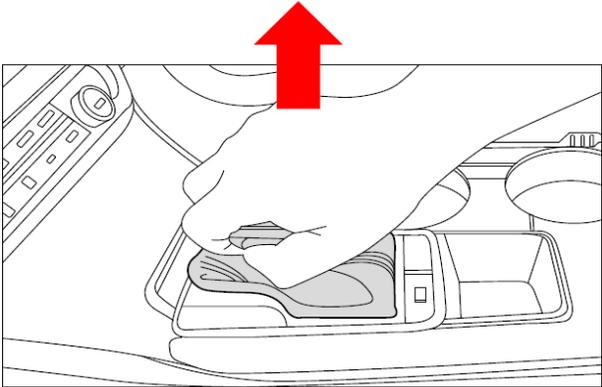
Lock Connectors: When locking connectors, listen for a click indicating they are securely locked.

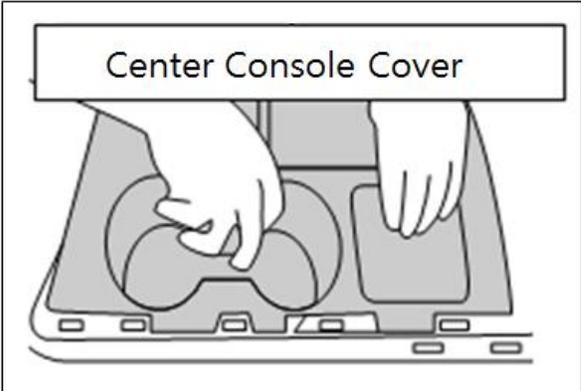
1		
		
N O T E	<p>A. Engage the Parking Brake. B. Record any pre-set radio stations (if applicable). C. With Ignition in the ON position, move the Shift Lever from Park (P) Position to Neutral (N) Position. D. Turn Ignition to the OFF position. E. Open Hood.</p>	
	<p>Ensure that Parking Brake is fully engaged.</p>	

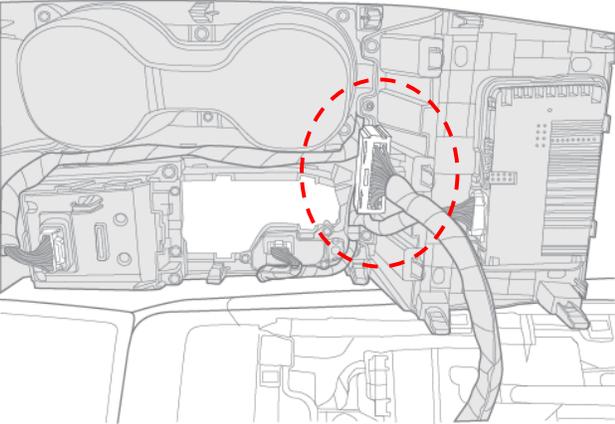
2		Ratchet, Extension and 10mm Deep Socket
		
N O T E	<p>A. Remove the cover from the negative (-) battery terminal and store in a safe location for reinstallation. B. Disconnect and isolate vehicle's negative (-) battery cable.</p>	
	<p>WARNING! Shock Hazard. Do not touch vehicle's negative battery terminal to vehicle's positive battery terminal. Serious injury and damage to the vehicle may occur.</p>	

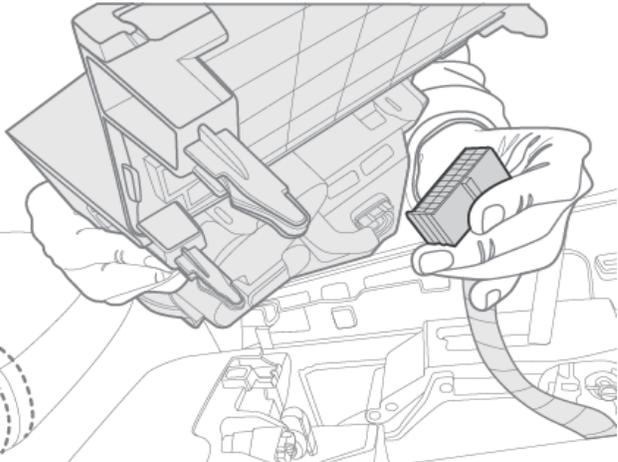
3		Trim Removal Tool
		
<p>Center Console Side Panel (Driver Side)</p>		
N O T E	<p>A. Remove the driver side (LH) Center Console Side Panel by pulling panel outwards to release the pressure clips. B. Store the removed part in a safe location for reinstallation.</p>	
	<p>Caution: Do not damage the Center Console Side Panel.</p>	

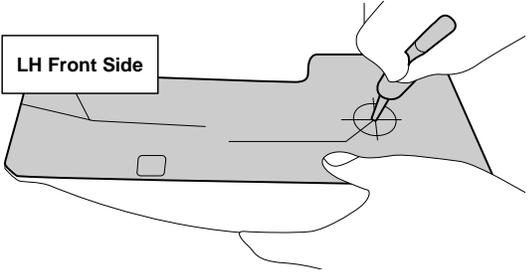
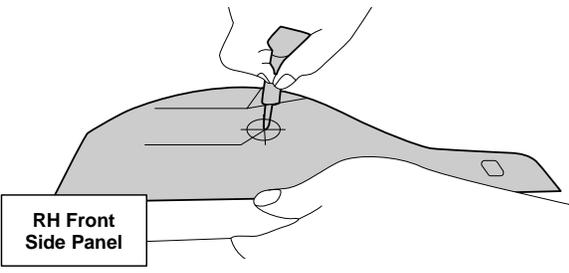
4		Trim Removal Tool
		
<p>Center Console Side Panel (Passenger Side)</p>		
N O T E	<p>A. Remove the passenger side (RH) Center Console Side Panel by pulling panel outwards to release the pressure clips. B. Store the removed part in a safe location for reinstallation.</p>	
	<p>Caution: Do not damage the Center Console Side Panel.</p>	

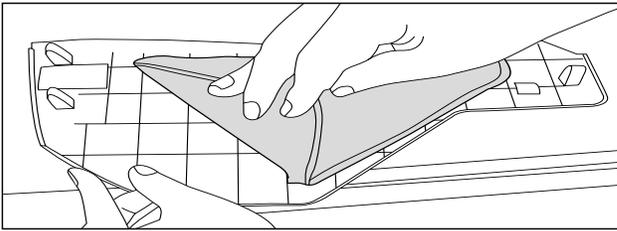
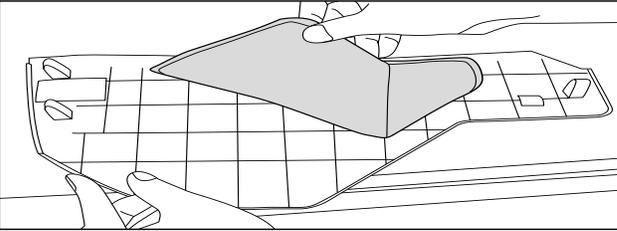
5	
	
N O T E	<p>A. Disengage the shift lever knob and boot from the shift lever by pulling the knob upwards while slightly twisting. B. Store the removed part in a safe location for reinstallation.</p>
	<p>Caution: Do not damage the forward tray and center console or shift lever knob and boot.</p>

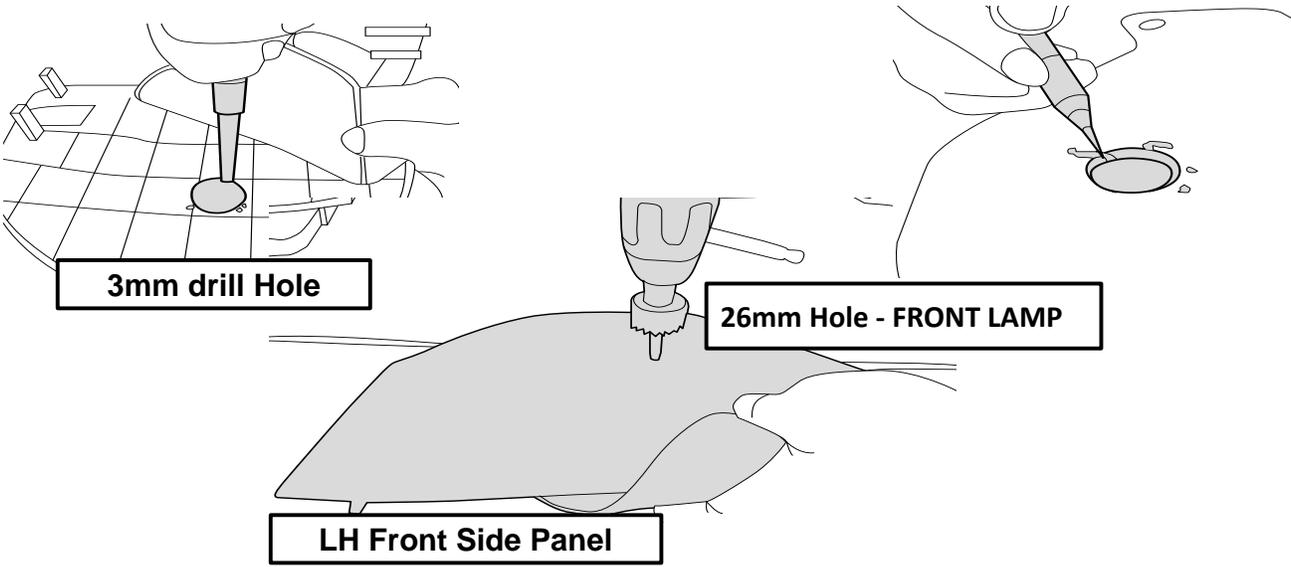
6	
	
N O T E	<p>A. Open the center console armrest. B. Pull upwards and dislodge the shift lever trim panel to release the pressure clips. C. Lift the Trim Panel upwards to access the Electrical Connectors.</p>

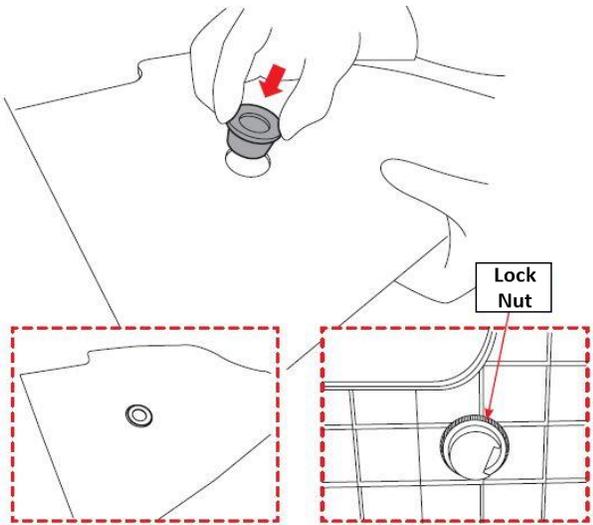
7	
	
N O T E	<p>A. Locate the 34-pin connector and harness on the shift lever trim panel.</p>
	<p>Caution: Do not damage the Shift Lever Trim Panel, or Center Console.</p>

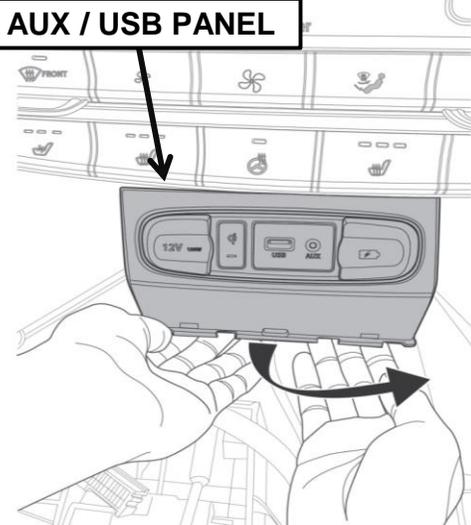
8	
	
N O T E	<p>A. Disconnect the 34-pin power harness connector from the shift lever trim panel. B. Remove the shift lever trim panel. C. Store the removed part in a safe location for reinstallation.</p>
	<p>Caution: Do not damage the Shift Lever Trim Panel, Center Console or Electrical Connectors.</p>

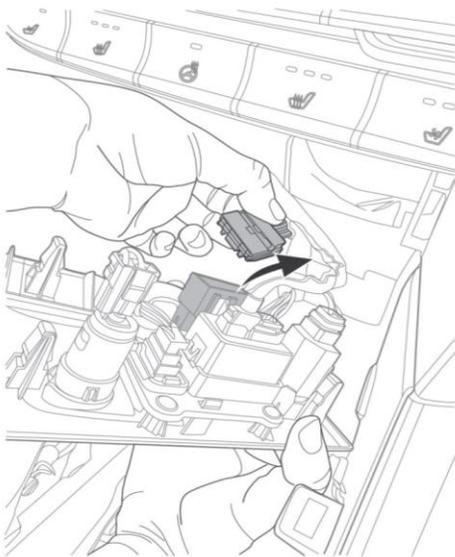
9		Center Punch
 		
N O T E	<p>A. Remove the adhesive backing strips from the LH Front Lamp Template. B. Attach the LH Front Lamp Template to the front side of the LH Center Console Side Panel. C. Using a center punch, mark the center of the hole as shown. D. Remove the template from the LH Center Console Side Panel and discard. E. Repeat for RH Center Console Side Panel using the RH Front Lamp Template.</p>	
 <p>Caution: Do not damage the Side Panel.</p>		

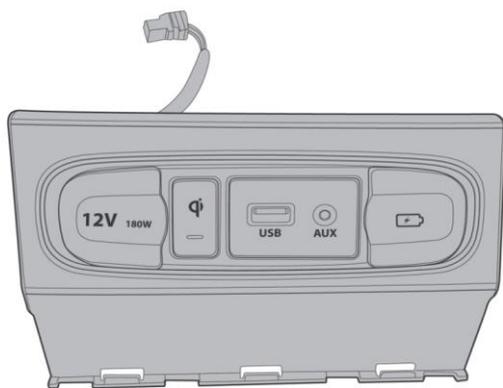
10		
 		
N O T E	<p>A. Gently peel the insulating pad from the LH Center Console Side Panel, only in the area to be drilled, as shown to prevent any damage to insulating pad. B. Repeat procedure for the RH Center Console Side Panel.</p>	
 <p>Caution: Do not damage the Side Panels.</p>		

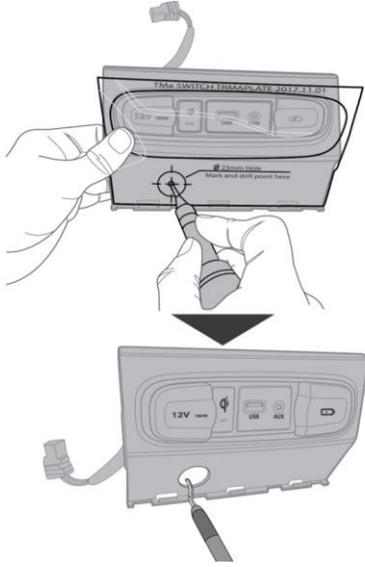
11		Hole Saw (26mm) , Deburring Tool , 3mm Drill Bit , Drill, Pliers and Clean Cloth
		
N O T E	<p>A. Place the LH Center Console Side Panel on a suitable work bench. Use a clean cloth to protect the panel. B. Drill a pilot hole at the center punch on the front side of LH Center Console Side Panel mark using an electric drill and a 3mm drill bit. C. Enlarge the drilled hole using a 26mm hole saw. D. Deburr the drilled hole. E. Using pliers, remove the ribs located near the drilled hole to allow the front lamp and lock nut to fit correctly without interference. F. Repeat procedure for the RH Center Console Side Panel.</p>	
 <p>Caution: Do not damage the Side Panels.</p>		

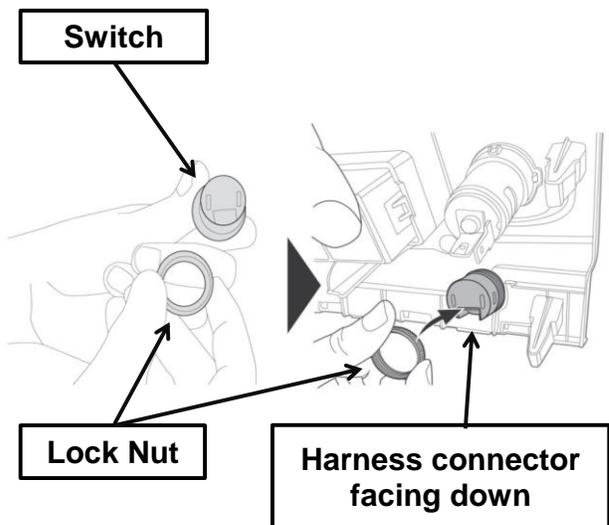
12	
	
N O T E	<p>A. Assemble one (1) front lamp to the LH Center Console Side Panel with harness connector facing rearwards.</p> <p>B. Secure the lamp by installing the threaded lock nut to the back side of the panel as shown.</p> <p>C. Repeat procedure for the RH Center Console Side Panel.</p>

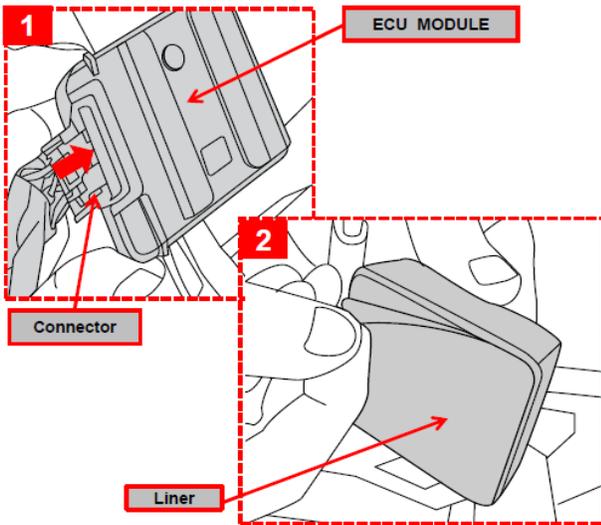
13	
	
N O T E	<p>A. Place your fingers between the AUX / USB panel and the bridge plate just in front of the panel.</p> <p>B. Remove AUX / USB by pulling rearward at base of the panel to release the four (4) pressure clips.</p>
 <p>Caution: Be careful not to damage the panel.</p>	

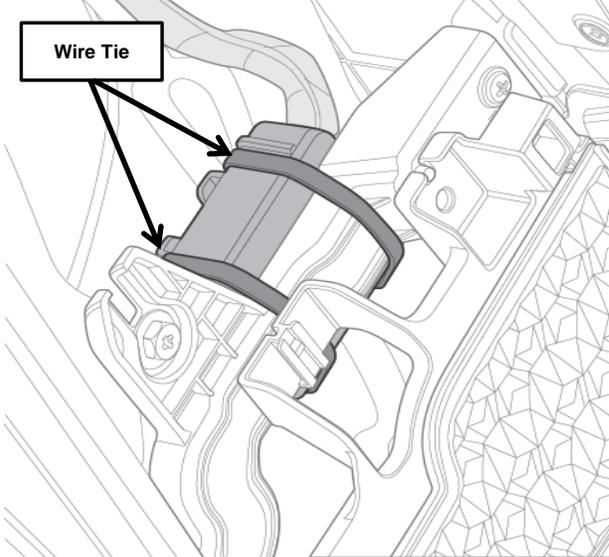
14	
	
N O T E	<p>A. Remove the 8-pin connector from the AUX / USB panel. (Later, connect with Interior Lighting T- harness connectors)</p> <p>B. Remove the AUX and USB connectors from the panel.</p> <p>C. Remove the AUX / USB panel from the vehicle.</p>

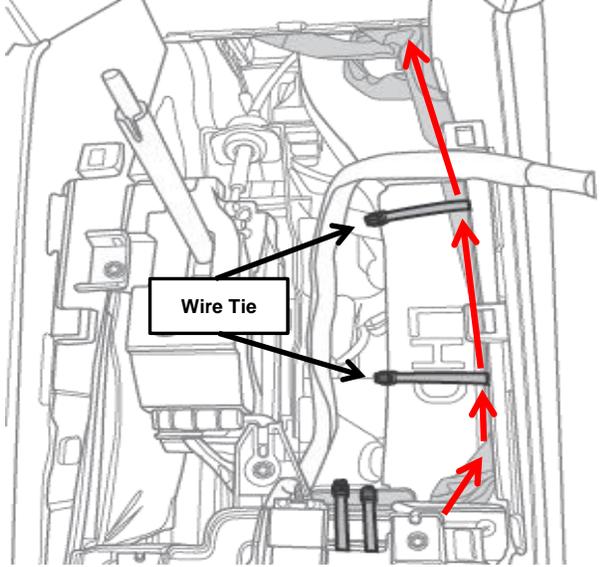
15	
	
N O T E	<p>A. Place the AUX / USB panel on a suitable work bench. Use a clean cloth to protect the AUX / USB panel.</p>
 <p>Be very careful not to damage or scratch the face of the panel.</p>	

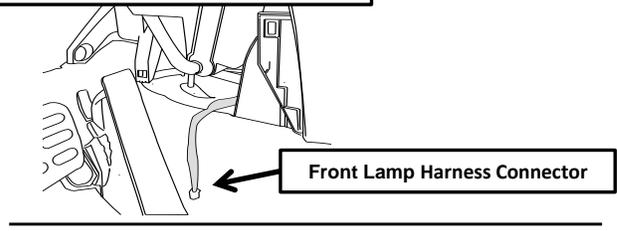
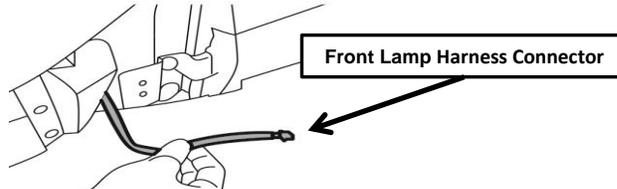
16		Center Punch , 23mm Hole Saw, 3mm Drill Bit , Drill, Deburring Tool and Pliers
		
NOTE	<p>A. Attach the switch template to the AUX / USB panel as shown. B. Using the template as a guide, mark the center of the switch hole location using a center punch. C. Remove the template from the AUX / USB panel and discard. D. Drill a pilot hole using a 3mm drill bit. E. Enlarge the hole using a 23mm hole saw. F. Deburr the drilled hole. G. Using pliers remove four (4) ribs near the drilled hole.</p>	
 Caution: Do not scratch or damage the AUX / USB panel. Be careful to scratch the panel face when removing any burrs.		

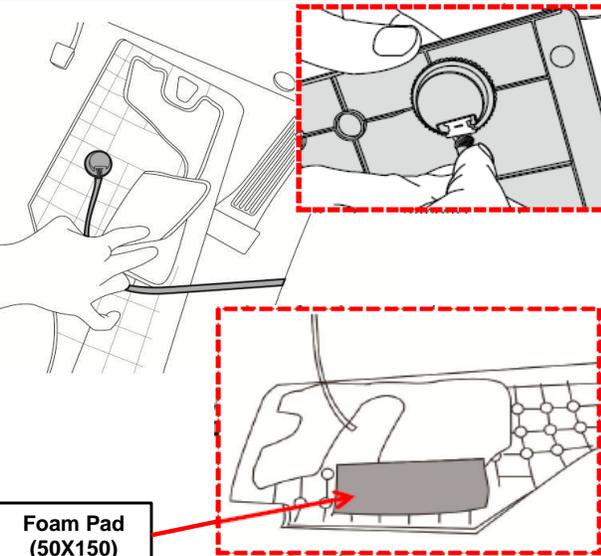
17		
		
NOTE	<p>A. Insert the switch into the hole of the AUX / USB panel and position the switch with the harness connector facing down. B. Secure the switch by installing the threaded lock nut to the backside of the panel as shown.</p>	

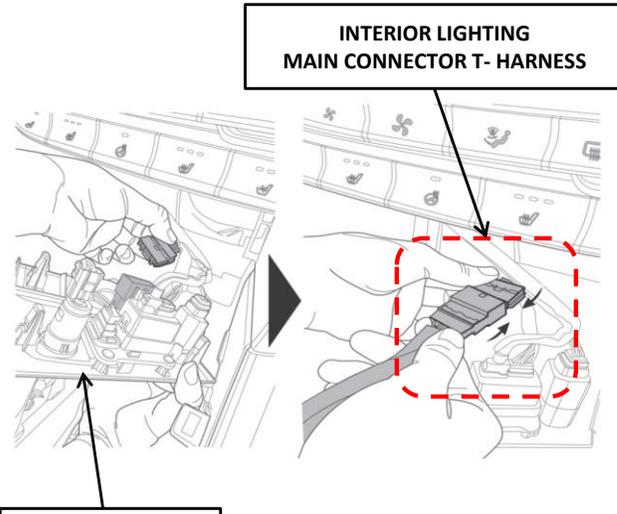
18		
		
NOTE	<p>A. Preassemble the Harness Connector to the ECU Module as shown. B. Remove the Adhesive Tape Liner from the bottom of the ECU Module.</p>	

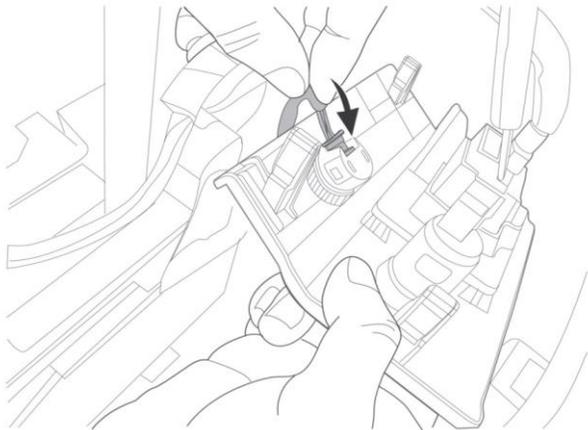
19		Wire Cutters
		
NOTE	<p>A. Attach the ECU Module to the console bracket as shown. B. Secure ECU Module to the console bracket with two (2) short cable ties to prevent separation. C. Trim excess cable tie material.</p>	

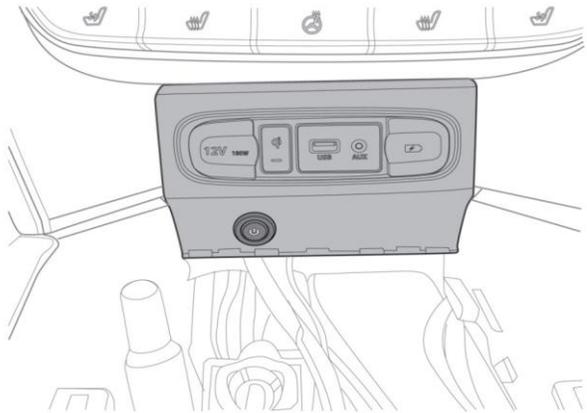
20	 Wire Cutters
	
N O T E	<p>A. Route the Interior Lighting Harness forward and gently tuck harness down between A/C duct and side panel as shown.</p> <p>B. Using two (2) long cable ties secure harness to A/C duct.</p> <p>C. Trim excess cable tie material.</p>
	Caution: Do not damage the A/C duct or insulating pad.

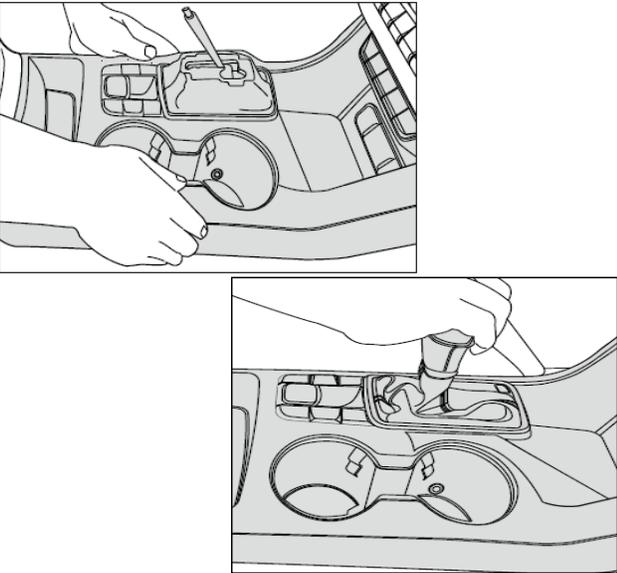
21	 Wire Cutters
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Front Lamp Harness (Driver Side) </div> 	
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Front Lamp Harness (Passenger Side) </div> 	
N O T E	<p>A. Route the RH Lamp harness connector under the bridge plate and towards the RH Center Console Side Panel location and secure to the vehicle harness with one (1) short cable tie.</p> <p>B. Route the LH Lamp harness connector under the bridge plate and towards the LH Center Console Side Panel location and secure to the vehicle harness with one (1) short cable tie.</p> <p>C. Trim excess cable tie material.</p>
	Caution: Do not damage the Center Console area.

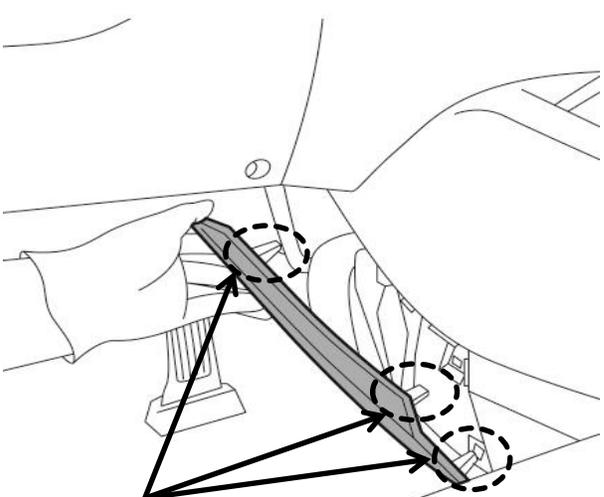
22	
	
N O T E	<p>A. Connect the LH Lamp Connector to the LH Lamp in side panel.</p> <p>B. Place the Insulating Pad back in the original position.</p> <p>C. Using one (1) Large Foam Pad (50x150mm), secure the LH Lamp Harness and Insulator Pad to the LH Center Console Side Panel as shown.</p> <p>D. Repeat procedure on the RH side.</p>
	Ensure all harness plugs are properly locked into their connectors.

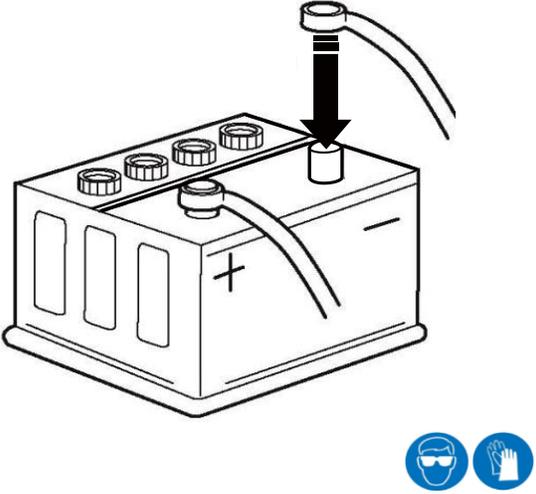
23	
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> INTERIOR LIGHTING MAIN CONNECTOR T- HARNES </div> 	
N O T E	<p>A. Connect the factory 8-pin AUX / USB electrical connector to the corresponding Interior Light T-Harness connector.</p> <p>B. Wrap one (1) Large Foam Pad (50x150mm) around the Connector.</p> <p>C. Connect the corresponding Interior Light T-Harness connector into the AUX / USB panel.</p> <p>D. Reinstall the AUX and USB connectors into the panel.</p>
	Ensure all electrical connectors are fully locked together.

24	
	
N O T E	<p>A. Connect the Interior Lighting Switch connector to the ON / OFF switch as shown and ensure it is locked in place.</p>
 <p>Caution: Do not damage the Shift Lever Knob, Shift Lever Trim Panel, Center Console or Electrical Connectors.</p>	

25	
	
N O T E	<p>A. Tuck the harnesses down into the AUX / USB panel cavity and reinstall the panel by engaging the four (4) pressure clips.</p>

26	
	
N O T E	<p>A. Reinstall the 34-pin power harness connector into the shift lever trim panel removed in step 8. B. Reinstall the Shift Lever Trim Panel and gently snap into place. C. Reinstall the Shift Lever Knob and Boot.</p>

27	
 <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-top: 10px;">Clips</div>	
N O T E	<p>A. Reinstall the LH Center Console Side Panel as shown. B. Repeat procedure for the RH Center Console Side Panel.</p>
 <p>Caution : Be careful not to break the pressure clip when installing side panels.</p>	

28		Ratchet , Extension , 10mm Deep Socket and Torque Wrench
		
<p style="text-align: center;">N O T E</p>	<p>A. Move the Shift Lever from Neutral (N) Position to Park (P) Position. B. Reconnect the vehicle's negative (-) battery cable and torque to: 5.0 - 6.0 N.m (0.5 - 0.6 kgf.m, 45 - 52 lb-in). C. Reinstall the cover over the negative (-) battery terminal. D. Perform Function Check at the end of Installation Instructions.</p>	
	<p>WARNING! Shock Hazard. Do not touch vehicle's negative battery terminal to vehicle's positive battery terminal. Serious injury and damage to the vehicle may occur.</p>	

Genuine Accessories

Function Check

Item to be Checked		Result	
	Ignition Key ON > Engine OFF: Press the Interior Light Switch to turn on the LEDs.	Interior Light Kit LEDs illuminate.	
	Press and hold the Interior Light Switch for 0.5 seconds	Turns off the LEDs	

Troubleshooting

Issue / Concern		Items to be Checked	
	One of the LEDs does not turn on.	<ul style="list-style-type: none"> → Check the connection of the LED connector that does not turn on. → Check the connector at the ECU and ensure it is locked into switch. 	
	None of the LEDs turn on.	<ul style="list-style-type: none"> → Check the connector at the ECU. → Check the connection of the Switch connector. → Check the connection of the Inline T-harness at the AUX / USB Panel. → Check the 10A Fuse in the vehicle's illumination circuit. → Replace the fuse if blown. 	

