

Genuine Accessories



Vehicle Model: Palisade

Model Year 2020~
Part No. S8F62 AU000 (DIO)
S8F62 AU600 (PIO)
Language English
Rev. Date 3/7/2019

Accessory: Mirror, Auto-Dim W/ HL4 & Comp.

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

Electronic Installation Instructions



If this is a printed copy of the installation instructions, ensure you have the latest revision by scanning the QR code or by entering the website address listed below before beginning installation. Use the latest revision date as noted by "Rev. Date" above.

www.hyundaiaccessories.com/admin_media/uploads/installationSheets/s8f62_au000.pdf

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



Glasses



Gloves



Denotes cautions to be taken to avoid vehicle and component damage

NOTE

Denotes important information to be reviewed during the step

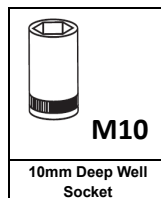
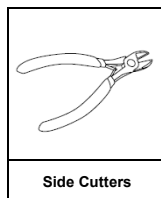
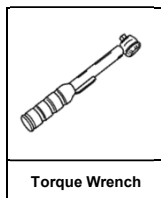
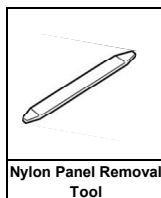
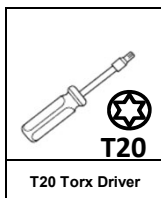
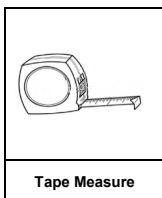
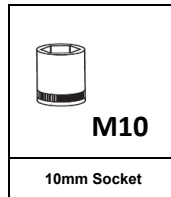
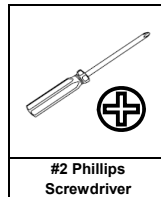
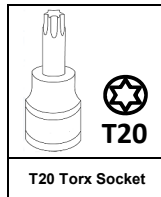
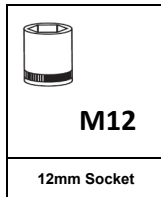
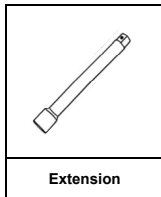


Mask



Hearing Protection

Basic Required Tools



Part Weight (Gross)

1.35

lbs

0.61

kg

Part Weight (Net)

0.65

lbs

0.29

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

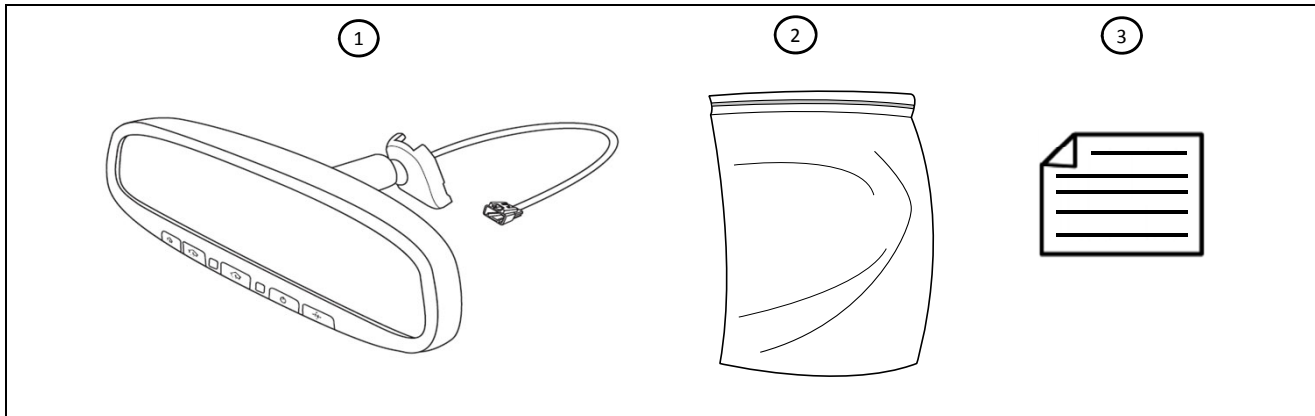
Notes to the installer:

- 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, if needed.
- 7) Roll down the driver's window and adjust the power seats (if applicable) prior to disconnecting battery power, if needed.
- 8) **Factory wire harness colors are subject to change. Please use the specified pin number in the harness connector to identify the correct wire for Tap installation.**
- 9) Pin #20 in connector E may have 2 wires. Only use the pink/black wire for T-Tap installation.

Revision Date
3/07/2019






Genuine Accessories

Kit Overview



No.	Qty	Description
1	1	Mirror, Auto-Dimming w/ HL4 & Compass
2	1	Hardware Kit
3	1	Quick Reference Guide

Hardware Kit Contents

A		B		C		D		E	
1	Harness	11	Wire Ties*	1	A-Pillar Tether Clip 85815 C1100	1	Wire Wrap	3	T-Taps*

* Indicates extra components intentionally included in kit as spares.
Follow instructions for proper placement of each component.



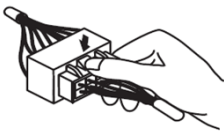
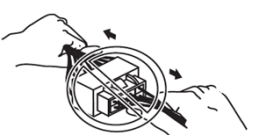
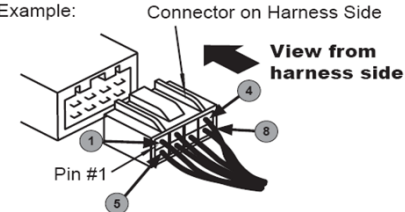
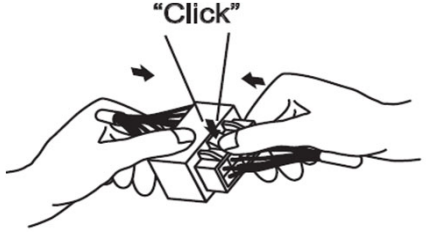
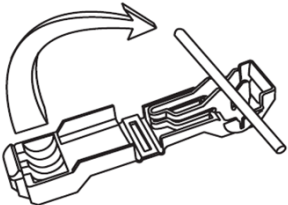
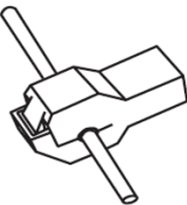
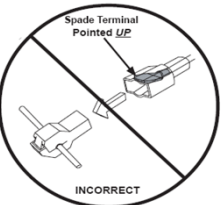
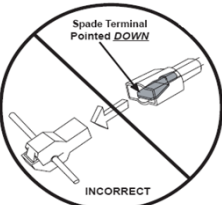
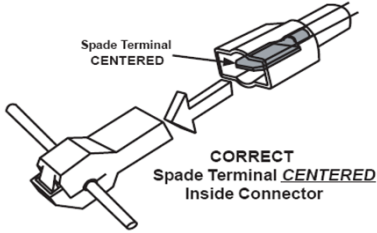
Hardware Total
17

Radio Presets - record customer preset frequencies if disconnecting battery power


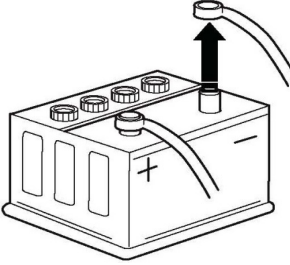

FM1 _____	FM2 _____	FM3 _____	FM4 _____	FM5 _____
FM6 _____	FM7 _____	FM8 _____	FM9 _____	FM10 _____
AM1 _____	AM2 _____	AM3 _____	AM4 _____	AM5 _____
SAT1 _____	SAT2 _____	SAT3 _____	SAT4 _____	SAT5 _____


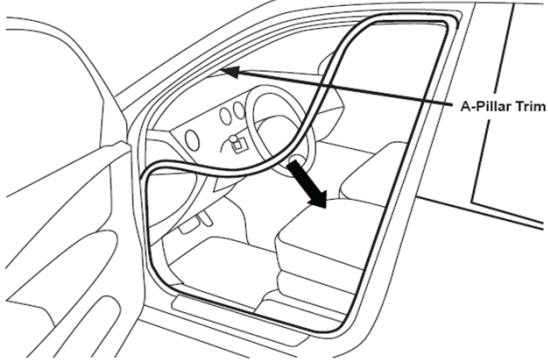
Genuine Accessories


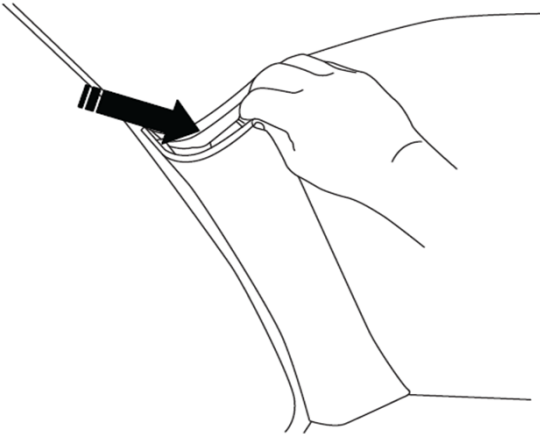

Electrical Connection Procedure


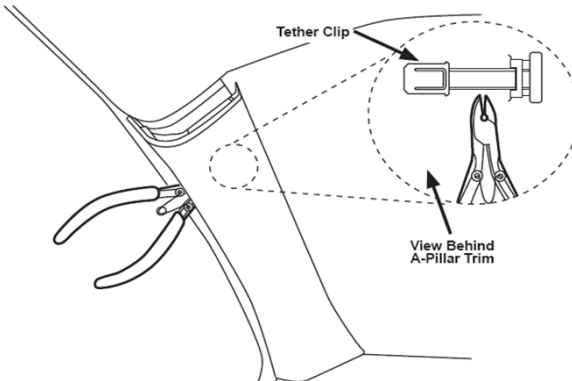

<p>Wire Appearance</p> <p>Wires may be solid color, or striped (tracer). The first color in the description indicates the base color of the wire; the second indicates the stripe.</p> <p>Example:</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Solid color wire</p>  <p>Black</p> </div> <div style="text-align: center;"> <p>Striped Wire</p>  <p>White (Base Color) Red (Stripe Color)</p> </div> </div>	<p>Disconnecting Connectors</p> <p>When disconnecting the wires, grasp the connectors, not the wires.</p> <p>Example:</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Correct</p>  </div> <div style="text-align: center;"> <p>Incorrect</p>  </div> </div>
<p>Connector Diagrams</p> <p>Connector diagrams show the harness side view, unless noted. The wire pin numbers are shown from the wire harness side, not the connector side.</p> <p>Example:</p>  <p>Pin #1</p> <p>● Pin Locations (For Reference Only)</p>	<p>Connecting Connectors</p> <p>When locking connectors, listen for an audible "click" indicating the connectors are securely locked.</p> <p>Example:</p>  <p>"Click"</p>
<p style="text-align: center;">T-Tap Install Procedure</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>1. Place the T-Tap on the vehicle wire</p>  </div> <div style="width: 48%;"> <p>2. Using pliers, close and crimp T-Tap around the vehicle wire.</p>  <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Spade Terminal Pointed <u>UP</u></p> <p>INCORRECT</p> </div> <div style="text-align: center;">  <p>Spade Terminal Pointed <u>DOWN</u></p> <p>INCORRECT</p> </div> </div> <p style="text-align: center;">** Extreme care must be taken to ensure the male spade is inserted into the T-Tap properly</p> </div> <div style="margin-top: 20px;"> <p>3. Insert accessory harness wire with male spade terminal into the opening in T-Tap.</p>  <p>Spade Terminal CENTERED</p> <p style="text-align: center;">CORRECT Spade Terminal <u>CENTERED</u> Inside Connector</p> </div> </div>	

Genuine Accessories

1		Ratchet, 10mm Deep Well Socket, and Extension
		
<div style="display: flex; align-items: center;"> <div style="width: 30px; text-align: center; font-size: 8px;">N O T E</div> <div> <p>A. Ensure the correct part is being installed. Verify the part number on the installation orders with the part number on the kit box label.</p> <p>B. Write down all pre-set radio stations (if applicable).</p> <p>C. Move driver's seat to the rearmost position and open hood.</p> <p>D. Remove negative (-) battery terminal cover, if applicable.</p> <p>E. Disconnect and isolate vehicle's negative (-) battery cable.</p> </div> </div>		
<div style="display: flex; align-items: center;"> <div style="width: 30px; text-align: center; font-size: 8px;">  </div> <div> <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> </div> </div>		

2		Ratchet, 10mm Deep Well Socket, and Extension
		
<div style="display: flex; align-items: center;"> <div style="width: 30px; text-align: center; font-size: 8px;">N O T E</div> <div> <p>A. Carefully pull the front of the driver's side door weatherstrip back to allow removal of the A-pillar trim panel.</p> </div> </div>		

3		Nylon Panel Removal Tool
		
<div style="display: flex; align-items: center;"> <div style="width: 30px; text-align: center; font-size: 8px;">N O T E</div> <div> <p>A. Partially remove the A-pillar trim panel by pulling the top out towards the vehicle passenger's side, until the A-pillar tether clip catches.</p> </div> </div>		
<div style="display: flex; align-items: center;"> <div style="width: 30px; text-align: center; font-size: 8px;">  </div> <div> <p>CAUTION: Ensure care is taken to prevent damage to the A-pillar trim panel, wire harness, sunroof drain tube, and curtain airbag.</p> </div> </div>		

4		Side Cutters
		
<div style="display: flex; align-items: center;"> <div style="width: 30px; text-align: center; font-size: 8px;">N O T E</div> <div> <p>A. With A-pillar trim partially pulled away, reach behind trim panel and cut tether clip, as shown above.</p> </div> </div>		
<div style="display: flex; align-items: center;"> <div style="width: 30px; text-align: center; font-size: 8px;">  </div> <div> <p>CAUTION: If needed, use a flashlight to light behind the A-pillar trim to avoid damaging any vehicle component with the side cutters. DO NOT cut anything other than the A-pillar tether clip.</p> </div> </div>		

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5		
N O T E	<p>A. Continue removing the A-pillar trim panel by pulling the top out toward the passenger's side of the vehicle, until remaining one (1) clip is released.</p> <p>B. Remove trim panel from car.</p>	
	<p>CAUTION: Do not damage A-pillar trim panel or headliner.</p>	

6		Pliers
N O T E	<p>A. Using pliers, pull the remaining portion of the A-pillar tether clip out of the A-pillar, and discard.</p>	
	<p>CAUTION: Do not damage the sunroof drain tube, if equipped, when removing the tether clip.</p>	

7		#2 Phillips Screwdriver
N O T E	<p>A. Remove one (1) Phillips screw (shown) from inside of A-pillar trim.</p> <p>B. Remove retaining plug.</p>	
	<p>CAUTION: Do no scratch or damage the A-pillar trim panel.</p>	

8		
N O T E	<p>A. Grasp the clip, and slide toward the bottom of the A-pillar trim, then pull the remaining clip piece out of the trim panel.</p> <p>B. Discard the clip.</p>	
	<p>CAUTION: Do no scratch or damage the A-pillar trim panel.</p>	

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9		#2 Phillips Screwdriver
N O T E	<p>A. Place a new tether clip in the A-pillar trim panel by aligning the slot on the trim panel with the tether clip.</p> <p>B. Slide the clip upward until it locks in place.</p> <p>C. Re-install the retaining plug and screw, removed in the previous step.</p> <p>D. Place the A-pillar trim panel in a safe location for reinstallation.</p>	
<div style="display: flex; align-items: center;"> <p>WARNING: ALWAYS use a new tether clip when reinstalling the A-pillar trim panel. Failure to use a new clip may result in serious injury or death in the event the airbag deploys. Do not damage the A-pillar trim panel or tether clip.</p> </div>		

10		Nylon Panel Removal Tool
N O T E	<p>A. Gently tilt the mirror head downward to expose upper portion of the plastic shroud.</p> <p>B. Remove center cover of plastic shroud by inserting your finger or Nylon Panel Removal Tool into the upper radius of the hole and gently pulling the center cover away from the windshield.</p> <p>C. Place the center cover in a safe location for reinstallation.</p>	
<div style="display: flex; align-items: center;"> <p>CAUTION: Do not damage plastic shroud, center cover, sensors, or headliner.</p> </div>		

11		Nylon Panel Removal Tool
N O T E	<p>A. Using your thumbs from inside of the shroud, gently push out at the top to release two (2) upper retention hooks and slide it down from the windshield until it disengages from two (2) lower tabs.</p> <p>B. Remove plastic shroud from windshield and store in a safe location.</p>	
<div style="display: flex; align-items: center;"> <p>CAUTION: Do not scratch or damage plastic shroud. Do not break the retaining hooks/tabs on the plastic shroud or windshield.</p> </div>		

12		T20 Torx Driver
N O T E	<p>A. Using a T20 Torx Driver, loosen the screw on the mirror mount.</p> <p>B. Gently pull the mirror upwards in a parallel direction to the windshield. DO NOT pull the mirror away from the windshield.</p>	
<div style="display: flex; align-items: center;"> <p>CAUTION: Take care to avoid damaging the mirror mount, windshield, and headliner.</p> </div>		

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13		
N O T E	<p>A. Remove the fuse panel cover and set aside in a safe location.</p>	
	<p>CAUTION: Do NOT scratch the Fuse Panel Cover.</p>	

14		Nylon Panel Removal Tool
N O T E	<p>A. Reach through the fuse panel opening and push the Dash Side Panel out by dislodging the three (3) pressure clips. B. Remove the Dash Side Panel and set aside in a safe location.</p>	
	<p>CAUTION: Do NOT scratch the Dash Side Panel.</p>	

15		#2 Phillips Screwdriver
N O T E	<p>A. Remove two (2) Phillips screws shown and set aside in a safe location. B. Disengage retention tab.</p>	

16		#2 Phillips Screwdriver and Nylon Panel Removal Tool
N O T E	<p>A. Using the nylon panel removal tool, open the access cover on the lower right hand side of the dash panel to reveal the phillips screw. B. Remove the one (1) Phillips screw from the lower right hand side of the panel. C. Dislodge the lower dash panel by disengaging retention clips shown above. *Be careful when releasing the clip over the switch panel, shown above, to avoid damaging the panel. NOTE: Pay special attention when disengaging the lower left hand side panel Tab and area around the switch panel. D. Disconnect the 6-pin connector from the switch panel and any other Electrical Connectors, if applicable. E. Disconnect the OBDII connector from the lower dash panel, and remove the lower dash panel. F. Place removed parts in a safe location for reinstallation.</p>	
	<p>CAUTION: Do NOT scratch the Lower Dash Panel. Do NOT damage knee airbag.</p>	

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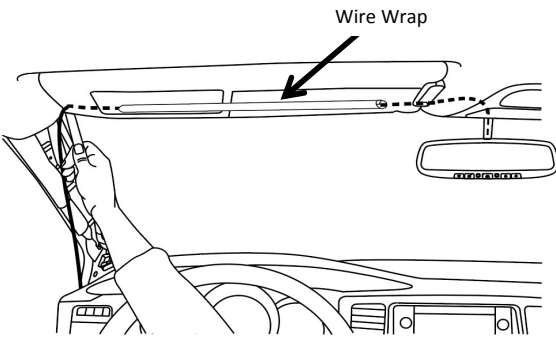

17		
N O T E	<p>A. Plug the 5-pin connector from the mirror harness into the harness lead extending out from the mirror.</p>	
	<p>CAUTION: Ensure 5-pin connector is securely installed and locked in place.</p>	


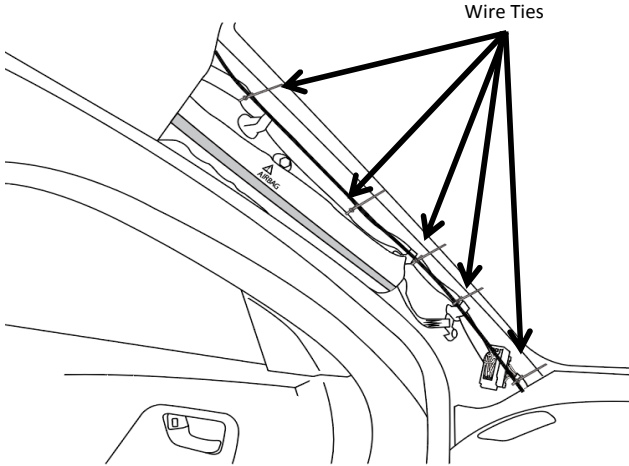

18		Tape Measure
N O T E	<p>A. Starting 152mm (6") from the mirror mount, open the provided one (1) wire wrap and begin placing the harness inside it. Continue until the entire wrap is around the mirror wire harness.</p>	
	<p>Carefully cover the 5-pin connectors with the wrap.</p>	


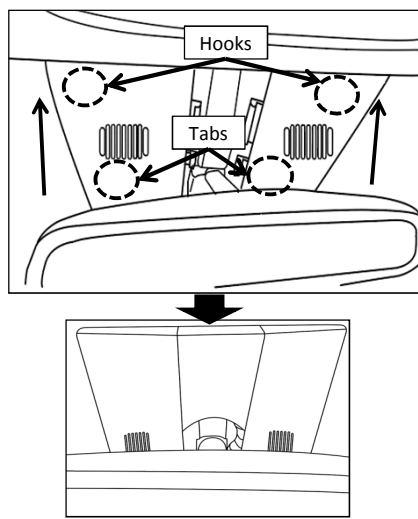

19		
N O T E	<p>A. Carefully pull harness lead extending out from the mirror, through the groove in the top side of the mount. B. Slide the new mirror over the windshield button. Hold the harness away from the windshield when sliding the mirror over the button.</p>	
	<p>CAUTION: Ensure the mirror harness is not pinched between the mount and the windshield button.</p>	


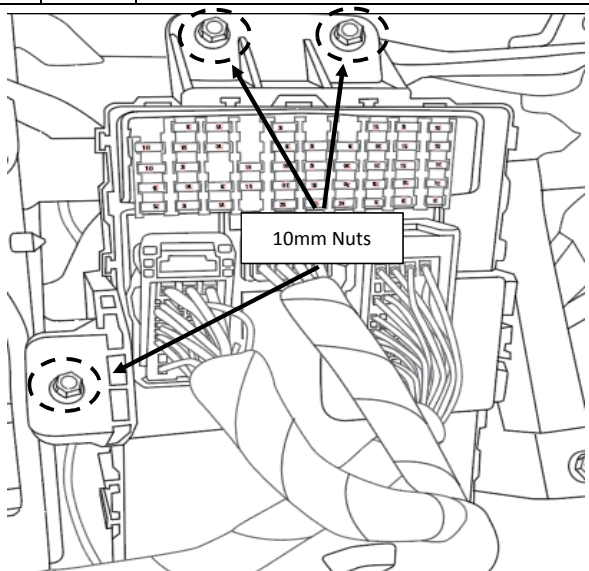
20		T20 Torx Socket, Ratchet, and Torque Wrench
N O T E	<p>A. Using a torque wrench and T20 Torx Socket, torque the T20 Torx screw to: 1.76 N-m (0.18 kgf-m, 15.6 lb-in).</p>	
	<p>WARNING: Do not over-tighten the screw. Over tightening the screw will not properly secure the mirror and could cause the mirror to break loose and injure the occupants in an accident.</p>	

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21		Nylon Panel Removal Tool and #2 Phillips Screwdriver
		
N O T E	<p>A. Tuck the wrapped mirror harness between the headliner and the roof, moving across the vehicle from the mirror to the A-pillar.</p> <p>- Make sure the wrap is centered in the headliner between the mirror and A-pillar to securely retain the harness.</p> <p>NOTE: If experiencing difficulty tucking in the mirror harness near the A-pillar, dislodge the driver's sun visor screw cover using a Nylon panel removal tool and loosen the two (2) phillips screws by two to three turns to allow additional clearance. Ensure to retighten the two (2) phillips screws and reinstall the screw cover after tucking in the mirror harness.</p>	
	<p>CAUTION: Use caution when working with the headliner to prevent creases or damage. Make sure hands are clean.</p>	

22		Side Cutters
		
N O T E	<p>A. Route mirror harness down the A-pillar into the dash, toward engine side of junction block.</p> <p>NOTE: Ensure wire harness is routed away from the curtain airbag and sunroof drain tube, if equipped.</p> <p>B. Secure mirror harness near the vehicle harness clips and below the electrical connector at the bottom of the A-pillar, with five (5) wire ties.</p> <p>C. Trim the excess wire tie material.</p>	
	<p>CAUTION: DO NOT secure to airbag inflator. DO NOT secure to sunroof drain tube, if equipped.</p>	

23		Nylon Panel Removal Tool and #2 Phillips Screwdriver
		
N O T E	<p>A. Reinstall the plastic shroud by sliding up under mirror and against the headliner, engaging the top retaining tabs on both sides and then gently snapping the lower tabs of the cover in place.</p> <p>B. Reinstall the Center Cover.</p> <p>C. Make sure there are no gaps between shroud, headliner and windshield.</p>	
	<p>CAUTION: Do not scratch or damage plastic shroud or center cover. Do not break the hooks/retaining tabs on the windshield/plastic shroud.</p>	

24		Ratchet and 10mm Socket
		
N O T E	<p>A. To access connector E, remove the three (3) nuts securing the junction block.</p> <p>B. With the three (3) nuts removed dismount and tilt the junction block outwards/downwards exposing the rear connectors.</p>	

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25		
N O T E	<p>A. Locate Connector E on the back side of the junction block as shown.</p>	

26		Tape Measure
N O T E	<p>A. Reach up behind the junction block and pull the mirror harness down. B. Route the mirror harness to the right hand side of the large vertical factory harness as noted in step 25, and take up any harness slack. C. Pull mirror harness wires apart approximately 229mm (9"), as shown.</p>	
<div style="display: flex; align-items: center;"> <p>CAUTION: DO NOT use a razor blade or any other sharp tools to separate the wires. Ensure wire is not damaged during separation.</p> </div>		

27		
N O T E	<p>A. Locate Pin # 20 (Pink w/ Black wire)</p> <p><u>There may be two (2) wires in pin # 20, use only the Pink w/ Black wire.</u></p>	
<div style="display: flex; align-items: center;"> <p>CAUTION: Ensure the correct wire is identified. NOTE: Factory wire colors are subject to change at any time. Refer to the pin number to correctly identify the circuit.</p> </div>		

28		Pliers and Tape Measure
N O T E	<p>A. Peel back insulation tape approximately 1.5" from the end of the connector to make room for T-Tap, if needed. B. Attach one (1) T-Tap to the wire at Pin # 20 (Pink w/ Black wire), as shown. Use Pliers to snap the T-Tap together. C. Reinstall Connector E and make sure it is fully locked in place.</p> <p>- Refer to the Electrical Connection Procedure at the beginning of the instructions for more details.</p>	
<div style="display: flex; align-items: center;"> <p>CAUTION: Ensure that the wire is in the slot of the T-Tap, and that both halves of the T-Tap are snapped together properly. <u>There may be 2 wires in pin # 20, use only the Pink w/ Black wire.</u></p> </div>		

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29		
<p>Black Wire connected to T-Tap</p>		
N O T E	<p>A. Insert male spade terminal of the mirror harness (Black wire) into the T-Tap connector (Pink w/ Black wire), for battery power.</p> <p>- Refer to the Electrical Connection Procedure at the beginning of the instructions for more details.</p>	
	<p>CAUTION: Ensure the male spade connector is fully inserted into the wire tap. Check that the spade did not "miss" the female slot.</p>	

30		Side Cutters
<p>Wire ties</p>		
N O T E	<p>A. Secure the wire harness using two (2) wire ties as shown.</p> <p>B. Route mirror harness through dash, pulling it through opening on the left side of the junction block, below the mounting tab.</p> <p>C. Trim excess wire tie material.</p>	
	<p>CAUTION: Ensure harness does not catch on vehicle component, or is damaged during the routing.</p>	

31		Ratchet and 10mm Socket
<p>Harness routed from rear of Junction Block to front</p> <p>Mounting Bracket</p> <p>PUSH ON-OFF</p>		
N O T E	<p>A. Reinstall the junction block in reverse order and secure with three (3) nuts.</p> <p>B. Pull harness through opening on the left side of the junction block, below the mounting bracket.</p>	
	<p>CAUTION: Ensure harness does not catch on vehicle component, or is damaged during the routing.</p>	

32		
<p>Connector A</p>		
N O T E	<p>A. Locate Connector A on the front side of the junction block as shown.</p>	

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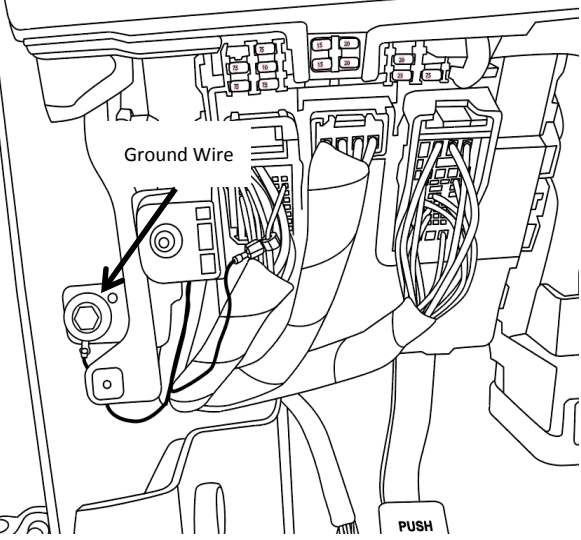
33		
N O T E	<p>A. Locate Pin # 2 (Orange wire) which is the 1st pin from the right on the 3rd row from the top when looking at the wire side of connector A.</p>	
	<p>CAUTION: Ensure the correct wire is identified. NOTE: Factory wire colors are subject to change at any time. Refer to the pin number to correctly identify the circuit.</p>	


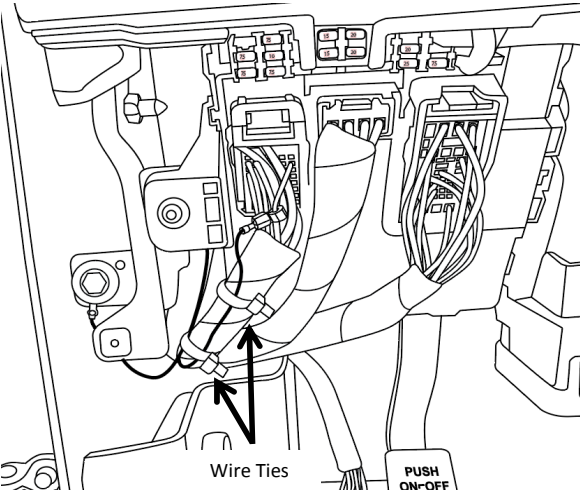
34		Pliers and Tape Measure
N O T E	<p>A. Peel back insulation tape approximately 1.5" from the end of the connector to make room for T-Tap, if needed. B. Attach one (1) T-Tap to the wire at Pin # 2 (Orange wire), as shown. Use Pliers to snap the T-Tap together.</p> <p>- Refer to the Electrical Connection Procedure at the beginning of the instructions for more details.</p>	
	<p>CAUTION: Ensure that the wire is in the slot of the T-Tap, and that both halves of the T-Tap are snapped together properly. There are several Orange wires in this connector, use only Pin # 2 as shown above.</p>	


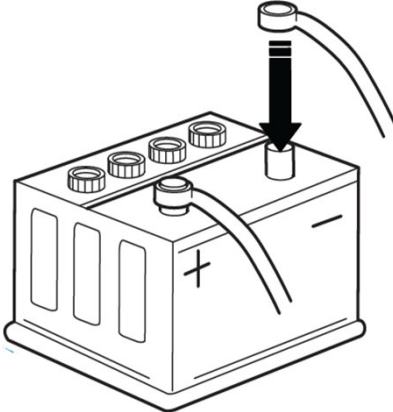

35		
N O T E	<p>A. Insert male spade terminal of the mirror harness (Black w/ White wire) into the T-Tap connector (Orange wire), for switched ignition power.</p> <p>- Refer to the Electrical Connection Procedure at the beginning of the instructions for more details."</p>	
	<p>CAUTION: Ensure the male spade connector is fully inserted into the wire tap. Check that the spade did not "miss" the female slot.</p>	


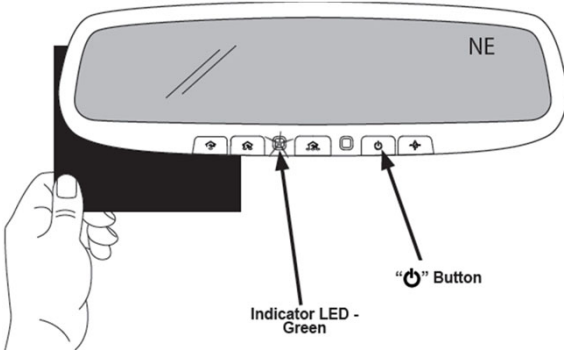
36		12mm Socket, Extension, and Ratchet
N O T E	<p>A. Locate the 12mm dash bolt, just above the driver's side door hinge. B. Remove the 12mm dash bolt.</p>	

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37		12mm Socket, Extension, Ratchet, and Torque Wrench
		
NOTE	<p>A. Place the ground wire ring of the mirror harness onto the dash bolt as shown.</p> <p>B. Secure the dash bolt, and torque to: 16.7 ~ 21.6 N.m (1.7 ~ 2.2 kgf.m, 12.3 ~ 15.9 lb-ft).</p>	

38		Side Cutters
		
NOTE	<p>A. Take up any excess harness slack, and secure to vehicle harnesses with two (2) wire ties as shown.</p> <p>B. Trim excess wire tie material.</p>	

39		Ratchet, 10mm Deep Well Socket, Extension, and Torque Wrench
<p>Function Check Preparation</p> 		
NOTE	<p>A. Reconnect the negative (-) battery cable, and torque to: 5.0 ~ 6.0 N.m (0.50 ~ 0.60 kgf.m, 45 ~ 52 lb-in).</p> <p>B. Reinstall the negative (-) battery terminal cover, if applicable.</p> <p>C. Close hood.</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>		

40		
		
NOTE	<p>A. Cover the forward-facing photocell with a dark cloth or towel.</p> <p>B. Turn the ignition to "ON".</p> <p>C. Verify that the green LED (light left of center) is on. If not, press and hold the power button to turn the green LED on.</p> <p>D. With the dark cloth in place, and the power on, the mirror will darken.</p> <p>E. Remove the dark cloth, and the mirror will return to normal.</p>	

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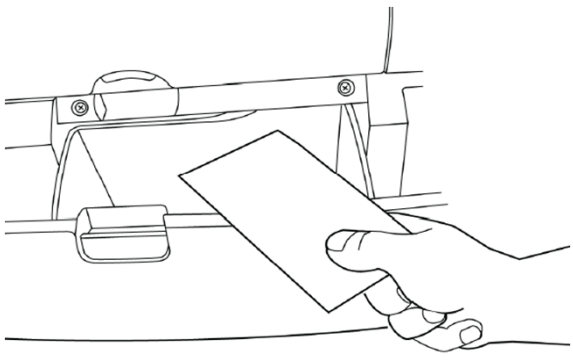

41			
NOTE	<p>A. Verify that either a direction (such as "NE" or "SW") is displayed in the display window. If not, ensure the compass feature is turned on by pressing the compass button.</p>		

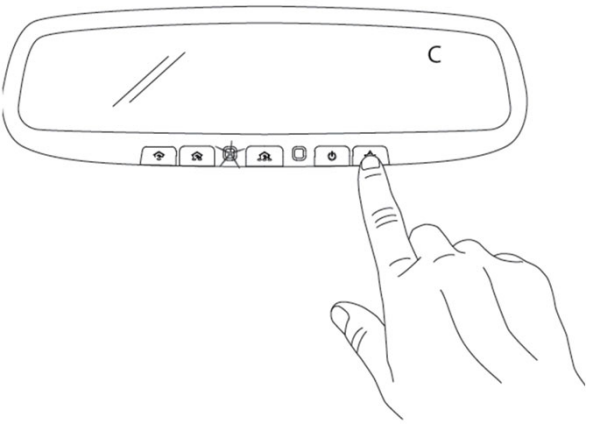
42			
NOTE	<p>A. Turn the ignition to "OFF" B. Ensure the compass display is no longer visible, and the green LED is no longer on. C. Press each HomeLink button, one-at-a-time, and verify that the LED indicator to the right of the center button illuminates with a red LED when buttons are pressed.</p>		

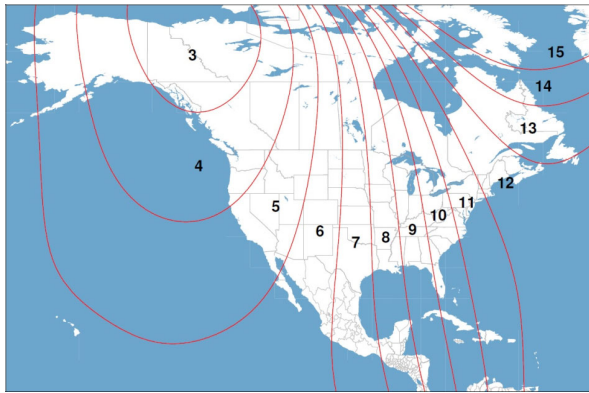
43			
NOTE	<p>A. Ensure a new tether clip has been inserted into the A-pillar trim panel and begin reinstall of the A-pillar trim panel. B. Insert the A-pillar lower surface into the mating surface on the top of the dash panel. C. Move the panel closer to the A-pillar, aligning the clips with their corresponding holes and carefully snap the panel into place.</p>		
	<p>WARNING: Always use a new tether clip when reinstalling the A-pillar trim panel. Failure to use a new clip may result in serious injury or death in the event the airbag deploys. Do not damage the A-pillar trim panel or tether clip.</p>		

44		#2 Phillips Screwdriver	
<h2 style="margin: 0;">Reassemble Vehicle</h2>			
<p>A. Reinstall OBD II connector into lower panel. B. Reinstall 6-pin connector into switch on lower panel and any other electrical connectors, if applicable. C. While pushing out the driver's kick panel, engage the left hand side tab on the lower dash panel, rotate the panel upwards and reinstall, making sure the clip above the switch panel is properly engaged. D. Reinstall the three (3) screws and close access cover. E. Reinstall the dash side panel. F. Reinstall fuse panel cover. G. Reinstall weatherstrip and ensure it is not wrinkled.</p>			
NOTE	<p>NOTE: When reinstalling the lower dash panel, ensure the lower tab located on the left hand side bottom of panel is first tucked into the kick panel then swing the lower dash panel upwards to engage the pressure clips.</p>		

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45		
		
N O T E	<p>A. Place the provided Quick Reference Guide in the vehicle's glove box.</p> <p>B. Clean fingerprints, smudges, etc. from mirror and windshield, if needed.</p>	
	<p>CAUTION: DO NOT spray glass cleaner or other cleaning liquid directly on the mirror as it may damage the electronics.</p>	

A		Dealer Only
COMPASS CALIBRATION		
		
N O T E	<p>A. If the compass displays "C", it will need to be calibrated.</p> <p>B. To calibrate, drive the vehicle in up to three (3) complete circles, at less than 5mph.</p>	









B		Dealer Only
COMPASS CALIBRATION		
		
N O T E	<p>A. Identify your approximate compass region on the above map.</p> <p>B., Press and hold the power compass button for more than 9 sec, and the current compass region code will display.</p> <p>C. Press the power button until your desired compass region is displayed. Release the button, and the correct compass direction appear.</p>	

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Visual Check

Item to be Checked		Result	
	Negative (-) battery terminal cable re-tightened and terminal cover is reinstalled, if applicable.	Battery cable is correctly fastened to the negative terminal. Nut is properly torqued. Cover is reinstalled, if applicable	
	Mirror Torx screw is tightened and windscreen sensor panel is reinstalled.	Screw is properly torqued and sensor panel is in place.	
	Harness	Mirror harness connector is properly connected. T-Tap spade connector is properly seated. Harness and wire wrap are tucked into the headliner without causing a bulge or interference.	
	A-pillar trim panel	Panel is securely in place. Ensure the new A-pillar tether clip is properly installed and seated in the A-pillar correctly.	
	Weatherstrip	Weatherstrip is properly reinstalled and not wrinkled.	
	Side dash trim panel and lower dash panel	Both panels are securely in place and any electrical connectors are reconnected.	
	Fuse access cover	Fuse cover is securely in place.	

Troubleshooting

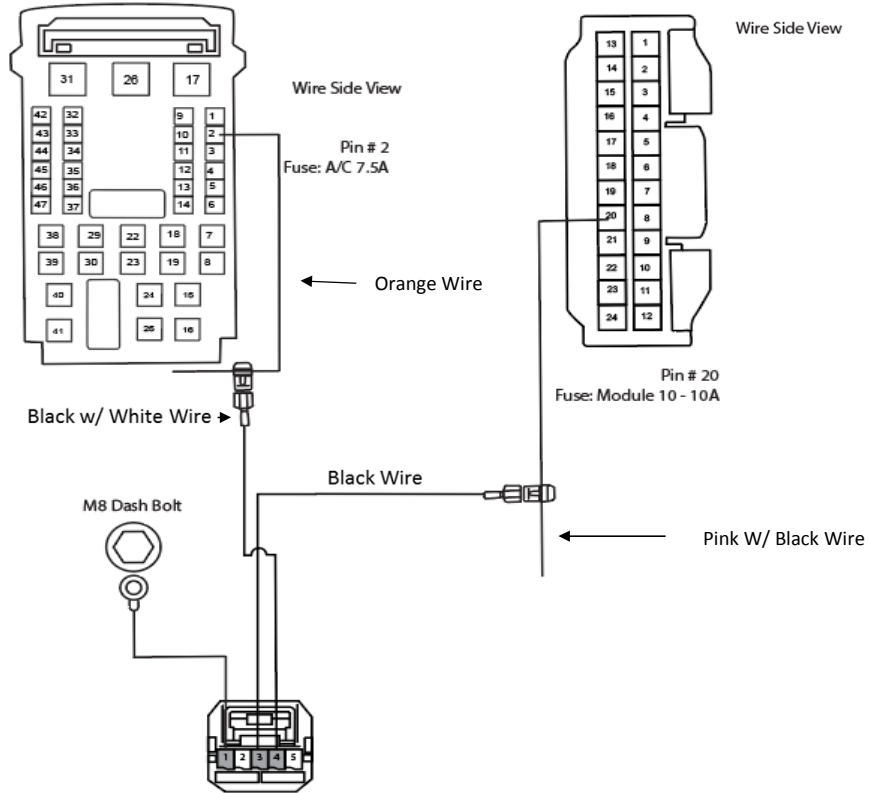
Item to be Checked		Result	
	Mirror does not power up.	Confirm constant power circuit is properly connected. Circuit should have 12V power with ignition in "OFF". -Check that mirror harness is properly connected at mirror. -Check that T-Tap is connected to the proper wire. -Check that T-Tap is fully crimped. -Check that male spade is correctly inserted into T-Tap. -Check that wire harness is not damaged.	
	↑	Confirm ground circuit is properly attached & tightened. -Check that mirror harness is properly connected at mirror. -Check that GND ring terminal is seated solidly against vehicle ground ring. -Check that wire is not damaged.	
	↑	Confirm ignition-switched power circuit is properly connected. Circuit should NOT have power with ignition in "OFF", but should have 12V power when ignition is switched to "ON". -Check that mirror harness is properly connected at mirror. -Check that T-Tap is connected to the proper wire. -Check that T-Tap is fully crimped. -Check that male spade is correctly inserted into T-Tap. -Check that wire is not damaged.	
	Homelink does not work. (red LED does not illuminate)	-Check that T-Taps are connected to the proper wires. -Check that T-Taps are fully crimped. -Check that male spades are correctly inserted into T-Taps. -Check that GND ring terminal is seated solidly against vehicle ground ring. -Check vehicle Module 10 - 10A fuse.	
	Homelink does not work. (red LED does not illuminate when all HL buttons pressed)	-Replace the mirror.	
	Compass does not illuminate.	-Check that the Compass feature is "ON" with the Compass power button. -Check that T-Taps are connected to the proper wires. -Check that T-Taps are fully crimped. -Check that male spades are correctly inserted into T-Taps. -Check that GND ring terminal is seated solidly against vehicle ground ring. -Check vehicle A/C - 7.5A fuse.	
	Auto-dimming function does not work properly. (green LED does not illuminate)	-Check that the mirror power is "ON" with the main power button. -Check that T-Taps are connected to the proper wires. -Check that T-Taps are fully crimped. -Check that male spades are correctly inserted into T-Taps. -Check that GND ring terminal is seated solidly against vehicle ground ring. -Check vehicle A/C - 7.5A fuse.	
	Auto-dimming function does not work properly. (green LED illuminates, but mirror does not darken)	-Replace the mirror.	

Genuine Accessories

Wiring Diagram

Smart Junction Box Connector A
ICU_FRNT_A

Smart Junction Box Connector E
ICU_MAIN_E



No	Gauge	Color	Function	Circuit	Fuse
1	22	BLK	GND		
2					
3	22	BLK w/ WHITE	IG (switched power)	A/C	7.5A
4	22	BLK	Battery Power	Module 10	10A
5					