



The Power to Surprise
- Accessory Installation

KIA Genuine Accessories

Vehicle Model: Forte Accessory: EC Mirror w/ HomeLink, & Compass
Model Year: 2014 ~ Difficulty: (B)
Part No.: Dealer Install: A7062 ADU00
 Port Install: A7062 ADUP0

Note: Difficulty stated above reflects the minimum level of expertise required to install the accessory
(A) Customer (B) Dealer Technician (C) Master Technician

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 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.		Denotes instructional steps necessary to complete this process.		

Basic Required Hand Tools

Ratchet	10mm Socket	Nylon Panel Removal Tool	#2 Phillips Screwdriver
T20 Torx Driver	Torque Wrench (lb-in)	Side Cutters	Pliers
T20 Torx Socket			

Note to the Installer:

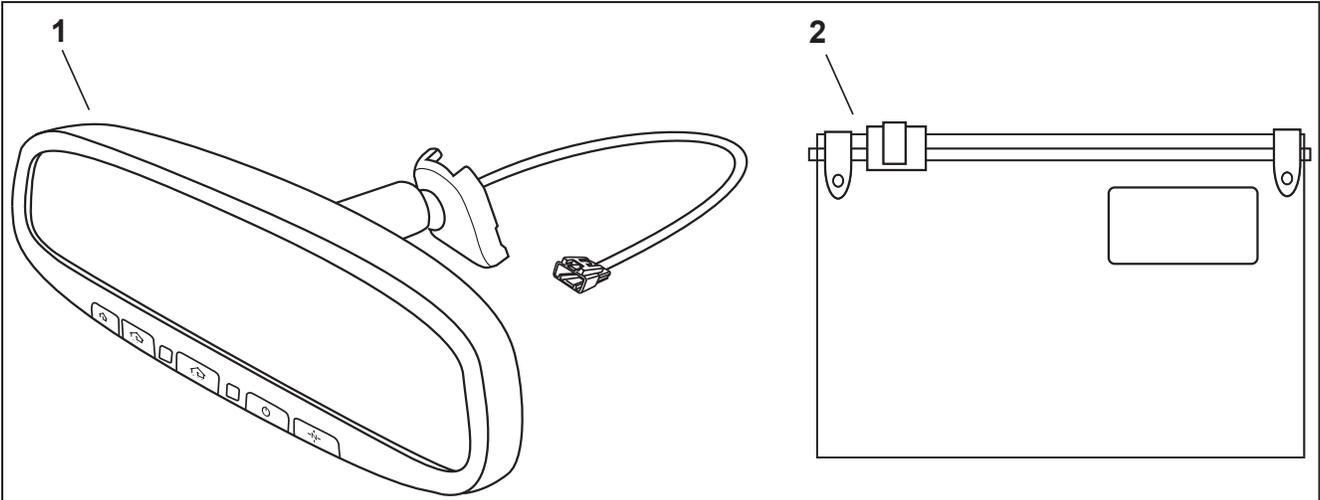
Factory wire harness colors are subject to change, please use the specified Pin # in the harness connector to identify the correct wire for T-Tap installation.

Read the entire installation pamphlet prior to beginning the installation of the accessory.
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 including gloves and eye protection when required.



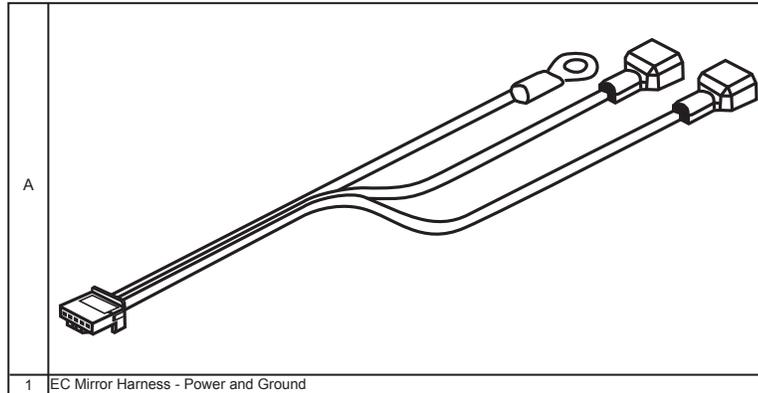
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Kit Overview



No.	Qty.	Description
1	1	EC Mirror w/ HomeLink & Compass
2	1	Hardware Kit

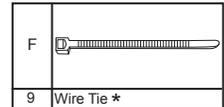
Hardware Kit Review



1	EC Mirror Harness - Power and Ground
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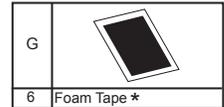
1	Installation Instructions
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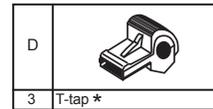
9	Wire Tie *
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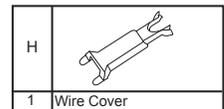
1	Quick Reference Guide
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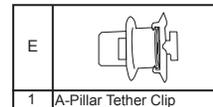
6	Foam Tape *
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3	T-tap *
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1	Wire Cover
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1	A-Pillar Tether Clip
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* Extra components intentionally placed in kit as spares. Please follow directions for proper placement of each component.

Hardware Kit Total
24

WIRE CODES

Wires are either solid color or striped wires. The first color in the description indicates the base color of the wire, the second indicates the color of the stripe (or tracer).

Example:

Solid Color Wire



Black

Black wire

Striped Wire



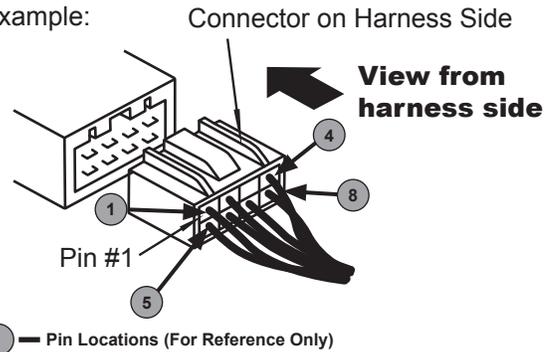
White
(Base Color)
Red
(Stripe Color)

White w/ Red Tracer wire

CONNECTOR DIAGRAMS

Connector diagrams show the harness side view. **The pin numbers are from the harness side view.**

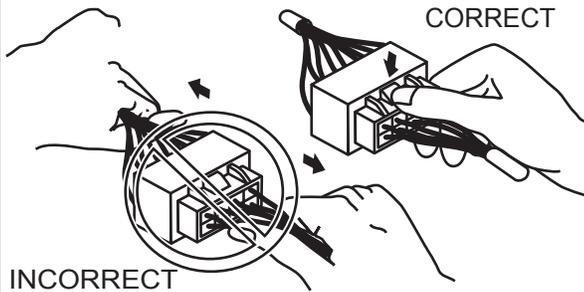
Example:



DISCONNECTING CONNECTORS

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

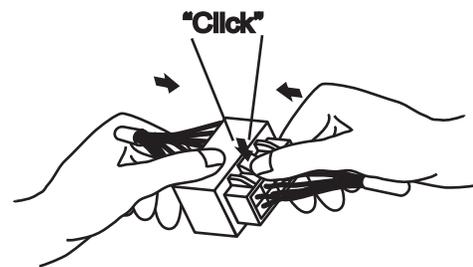
Example:



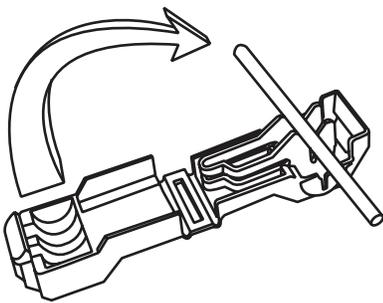
LOCKING CONNECTORS

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

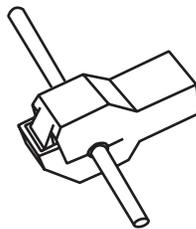
Example:



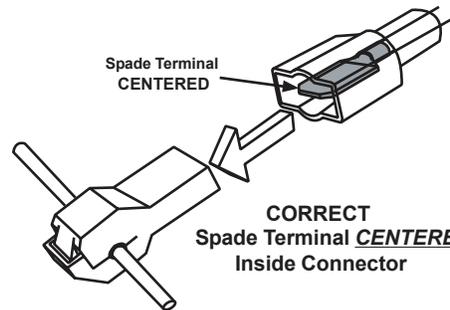
T-TAP INSTALLATION PROCEDURE



1. Place the T-Tap on vehicle wire.

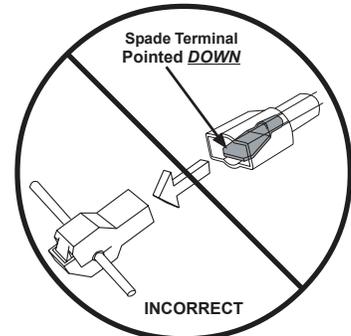
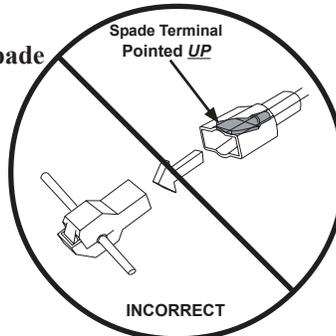


2. Using pliers, close, and crimp T-Tap around vehicle wire.

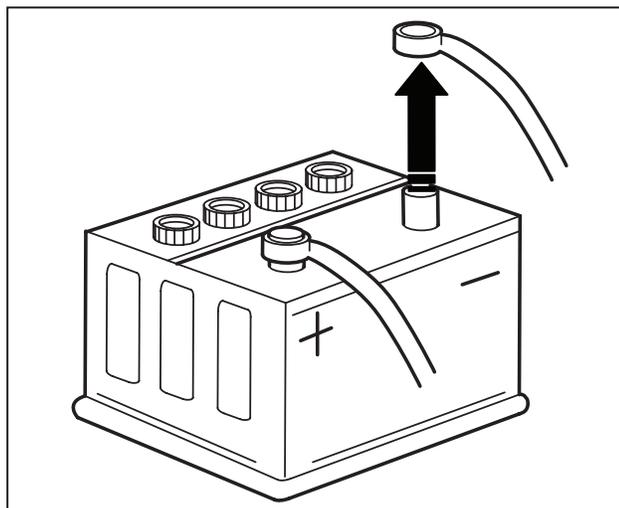


3. Insert EC Mirror Harness wire with male spade terminal end into the T-Tap.

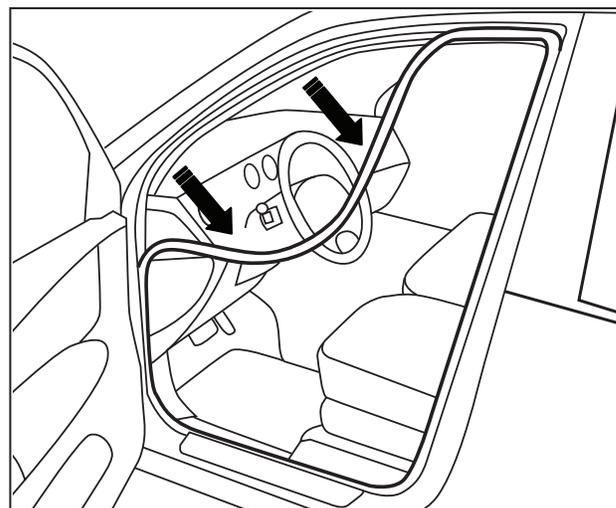
****Extreme care must be taken to ensure that the male spade terminal is inserted into the T-Tap properly.**



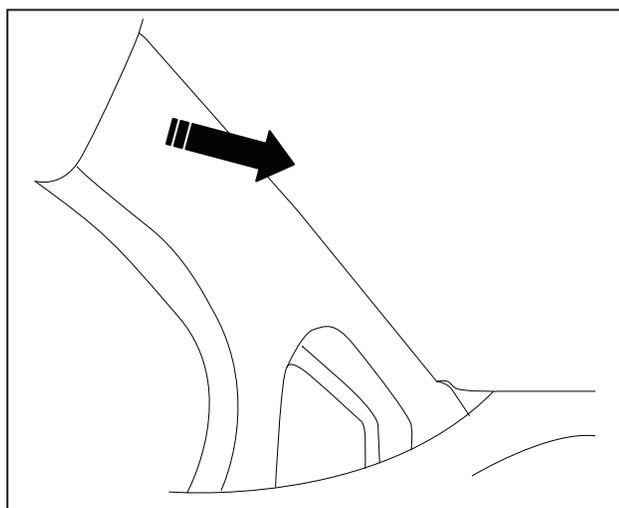
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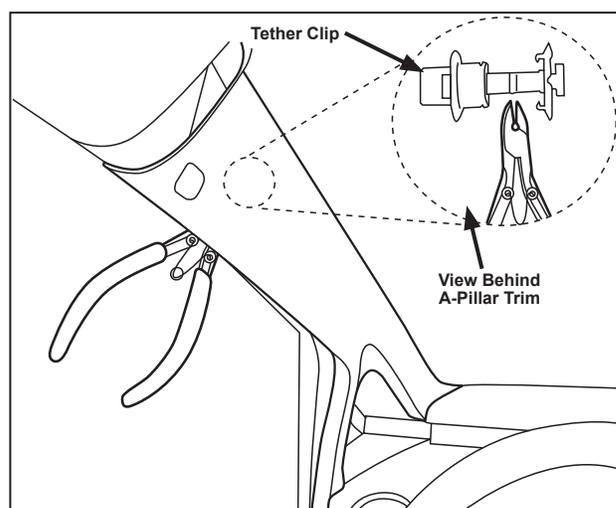
	Ratchet & 10mm Socket	1
NOTE	<p>Ensure the correct part is being installed. Verify part number on the order request with the part number on the kit box label.</p> <p>Record all pre-set radio stations (if applicable).</p> <p>Disconnect and isolate vehicle's negative battery terminal.</p>	
	<p>WARNING: 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>	



		2
NOTE	<p>Carefully pull front of driver-side door seal back to allow removal of A-pillar trim panel.</p>	

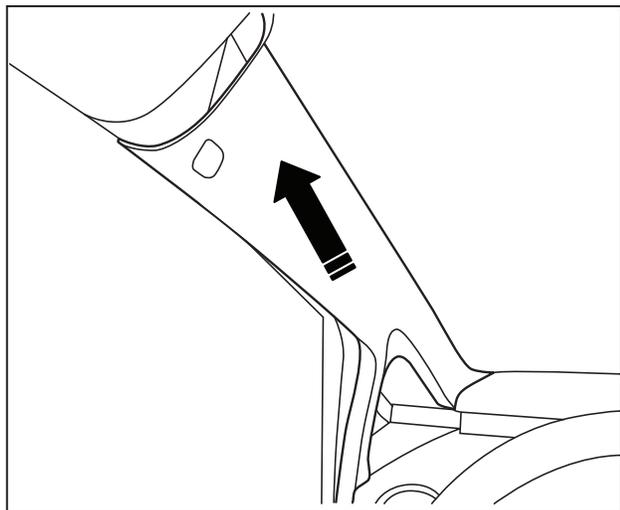


	Nylon Panel Removal Tool	3
NOTE	<p>Partially remove A-pillar trim panel by pulling top out towards passenger-side of vehicle until the A-pillar tether clip catches.</p>	
	<p>Caution: Ensure care is taken to prevent damage to A-pillar trim panel, wire harness, drain tube, and side curtain airbag unit.</p>	

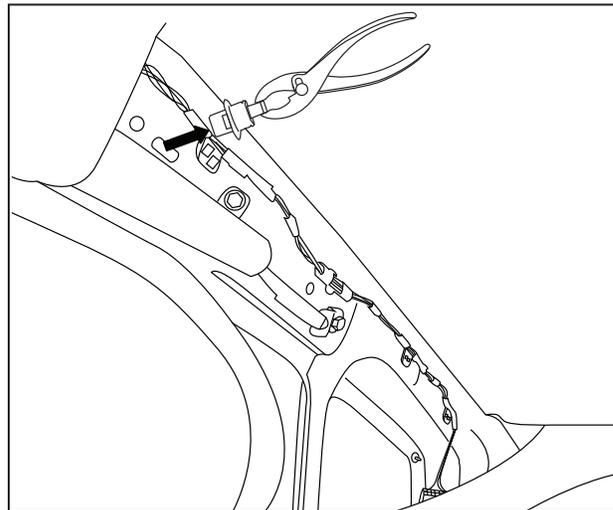


	Side Cutters	4
NOTE	<p>With A-pillar trim partially pulled away, reach behind trim panel and cut tether clip, as shown above.</p>	
	<p>Caution: Use a flashlight or a directed light source to shine behind A-pillar trim panel. DO NOT cut anything besides the A-pillar tether clip.</p> <p>Ensure care is taken to prevent damage to A-pillar trim panel, wire harness, drain tube, and side curtain airbag unit.</p>	

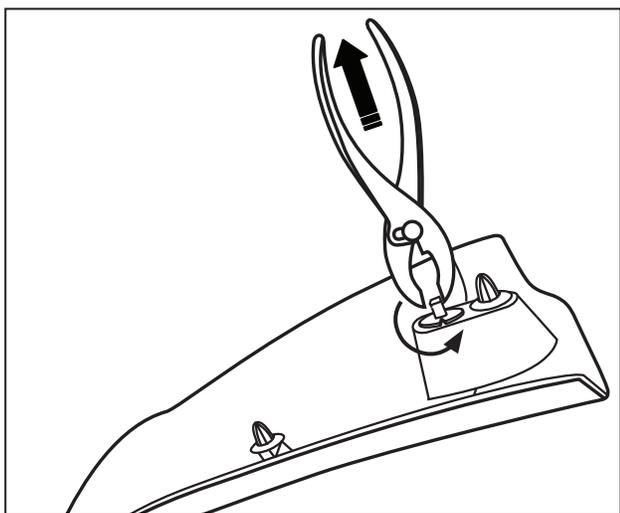
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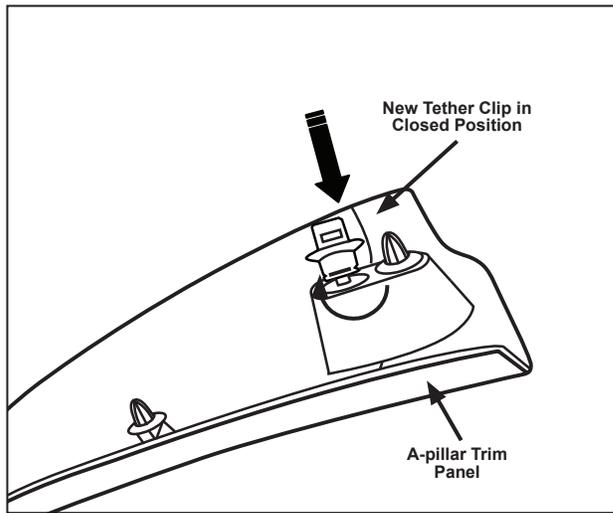
5	
NOTE	Continue removing A-pillar trim panel by pulling top out towards passenger-side of vehicle until remaining clips are released and then carefully pull base upwards toward roof of vehicle.
	Caution: Do not damage A-pillar trim panel or headliner.



6	Pliers
NOTE	Using pliers, pull remaining portion of tether clip out of A-pillar and discard.

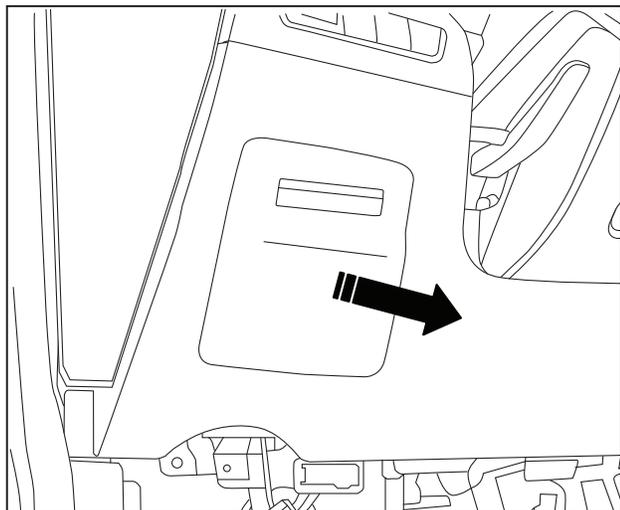


7	Pliers
NOTE	Twist tether clip counterclockwise and pull away from trim panel to remove and discard.
	Caution: Do not scratch or damage A-pillar trim panel.

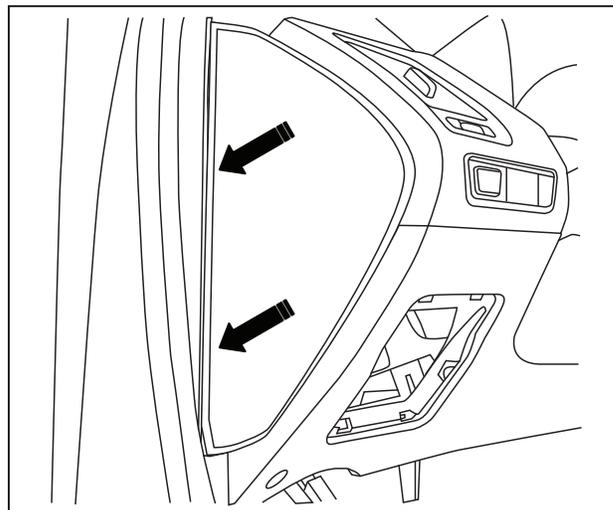


8	
NOTE	Always install a new A-pillar tether clip in the closed position before proceeding with disassembly. Place a new tether clip in the A-pillar trim panel by aligning the slot on the trim panel with the tether clip. Push the clip downward and rotate clockwise until it locks in place.
	WARNING: Always use a NEW A-pillar tether clip when reinstalling the A-pillar trim panel. Failure to use a new clip may result in serious injury or death to the driver in the event of an accident in which the side curtain airbag deploys. Ensure care is taken to prevent damage to A-pillar trim panel and tether clip.

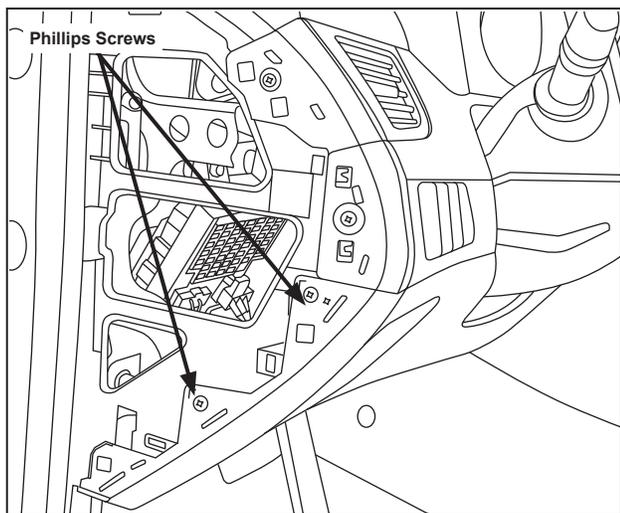
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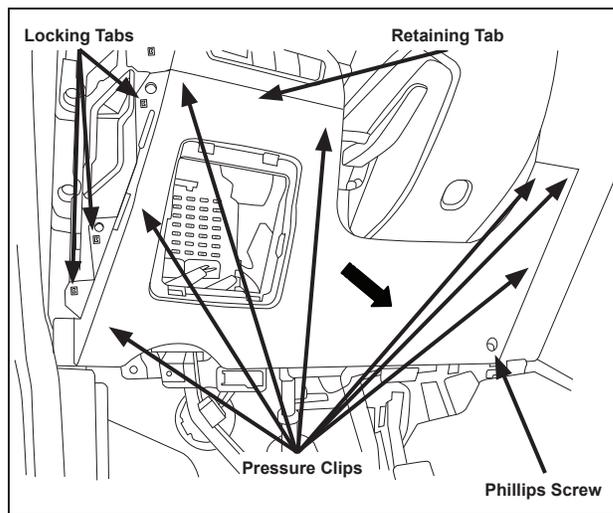
		9
NOTE	Pull fuse panel cover out, towards driver in order to remove cover.	



	Nylon Panel Removal Tool	10
NOTE	Using your hand, reach through the fuse panel access hole and press the back of the side dash trim panel outwards to partially dislodge the clips. Finish completely removing the side dash trim panel by using a nylon panel removal tool.	
	Caution: Do not scratch side dash panel or lower dash trim panel.	

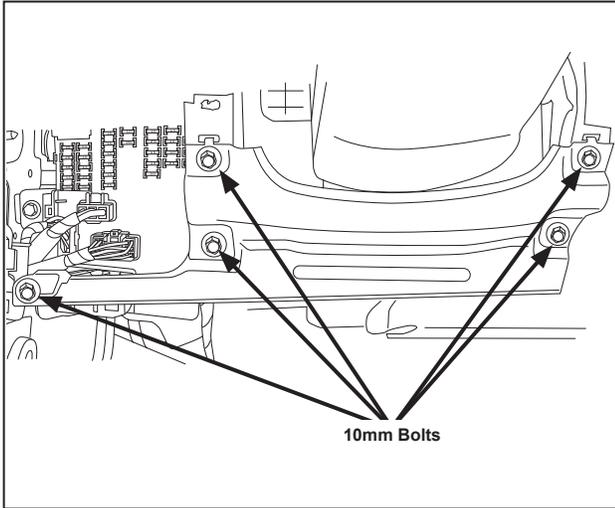


	#2 Phillips Screwdriver	11
NOTE	Remove two (2) Phillips screws from outside edge of lower dash trim panel.	
	Caution: Do not scratch lower dash panel.	

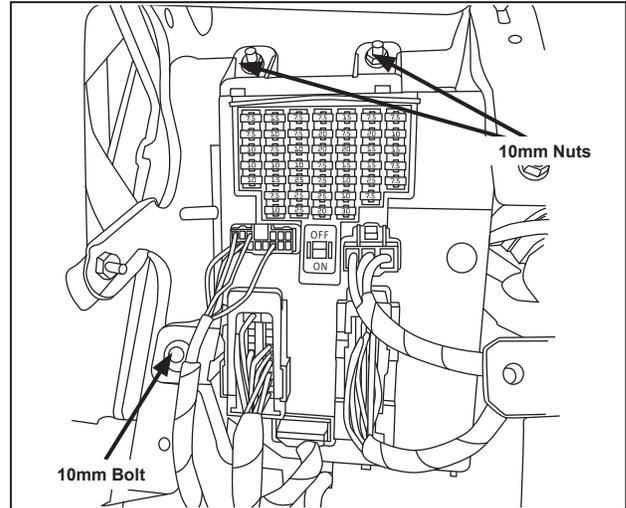


	#2 Phillips Screwdriver & Nylon Panel Removal Tool	12
NOTE	Remove one (1) Phillips screw from right side of lower dash trim panel. Using nylon panel removal tool, release the three (3) locking tabs, next to the screw locations on side of dash trim panel. Pull away from the dash releasing the seven (7) pressure clips and one (1) retaining tab. Remove panel until wires from OBD II connector are exposed. Unplug OBD II Connector before completely removing dash trim panel.	
	Caution: Do not scratch lower dash trim panel. Do not damage wires or connectors in trim panel.	

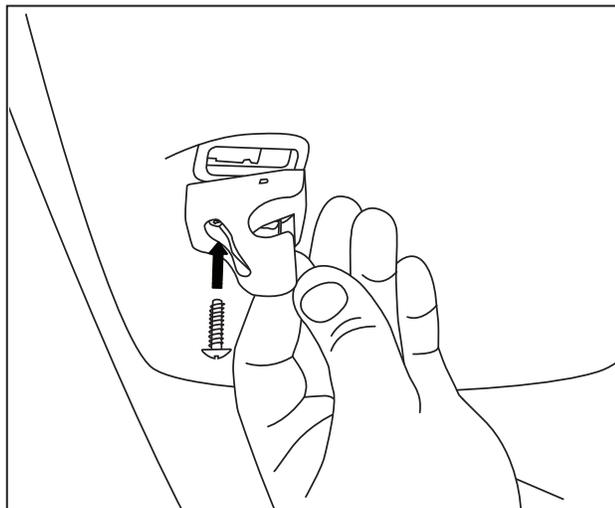
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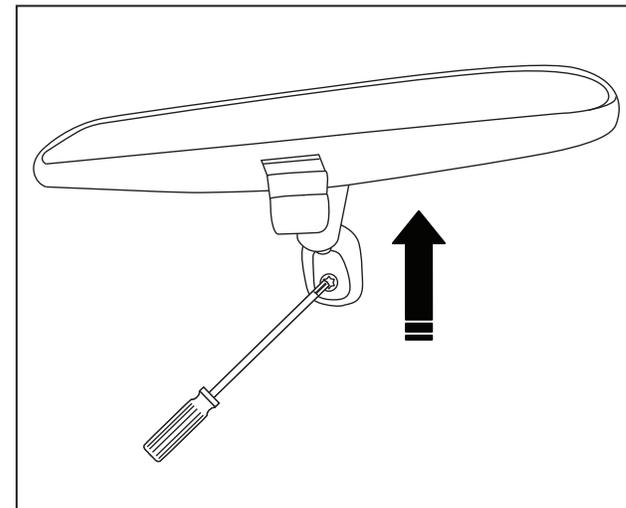
	Ratchet & 10mm Socket	13
NOTE	Remove steel knee bolster plate by removing five (5) bolts with 10mm socket and ratchet.	
	Caution: Edges of steel knee bolster and brackets are sharp.	



	Ratchet & 10mm Socket	14
NOTE	Remove two (2) 10mm nuts at top of fuse panel and one (1) 10mm bolt on lower left side of fuse panel. Once removed, the fuse panel can carefully be lowered and rotated towards driver's seat, to gain access to the connectors on the back side of the fuse panel.	
	Caution: Ensure care is taken to prevent damage to fuse panel and wire harnesses.	

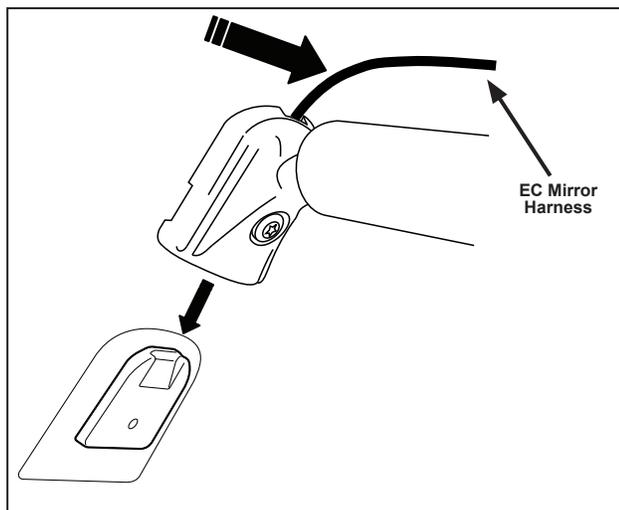


	#2 Phillips Screwdriver	15
NOTE	Partially remove driver-side sun visor hook by removing one (1) Phillips screw and let hook hang on retaining clip.	
	Caution: Do not damage sun visor hook or headliner.	

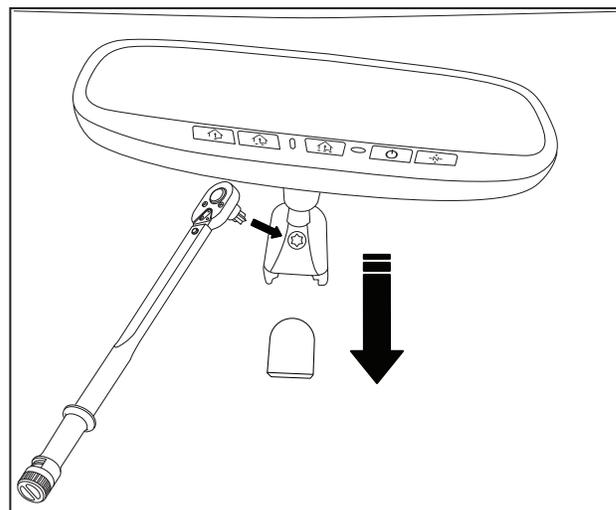


	T20 Torx Driver	16
NOTE	Loosen screw on mirror mount with a T20 Torx driver. Gently pull mirror upwards in a parallel direction to the windshield. DO NOT pull away from windshield.	
	Caution: Ensure care is taken to prevent damage to mirror mount, windshield, and headliner.	

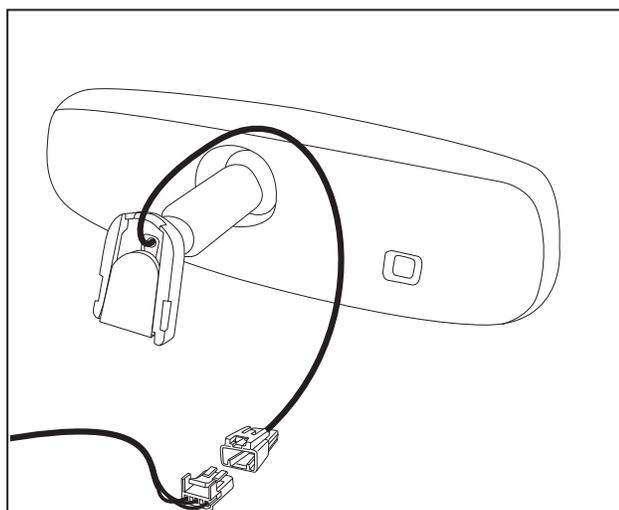
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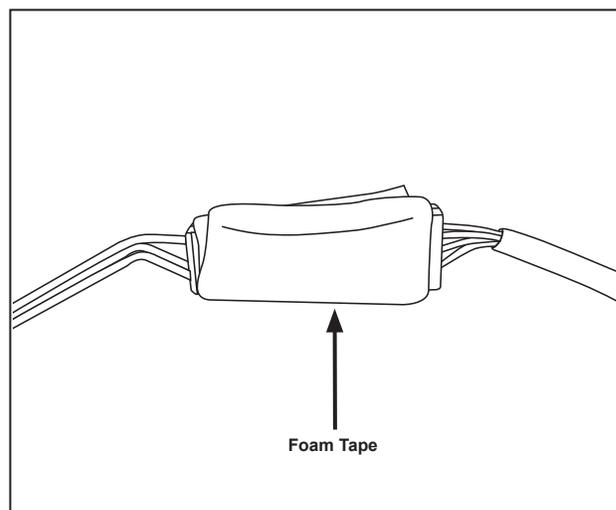
	17
NOTE	Carefully pull harness lead extending out from EC mirror through the groove in the top of the mount before sliding mirror onto windshield button. Hold harness away from windshield when sliding EC mirror onto windshield button.
	Caution: Ensure that EC Mirror Harness is not pinched between mount and windshield button.



	18
T20 Torx Socket & Torque Wrench	
NOTE	Slide EC mirror onto windshield button and tighten to 15.6 lb-in (1.8 N-m) using T20 Torx socket and Torque Wrench.
	WARNING: Do not over tighten screw. Torque the mirror mounting bracket screw to 15.6 lb-in (1.8 N-m). Over tightening the screw won't properly secure the mirror and could cause the mirror to break loose and injure the vehicle's occupants.

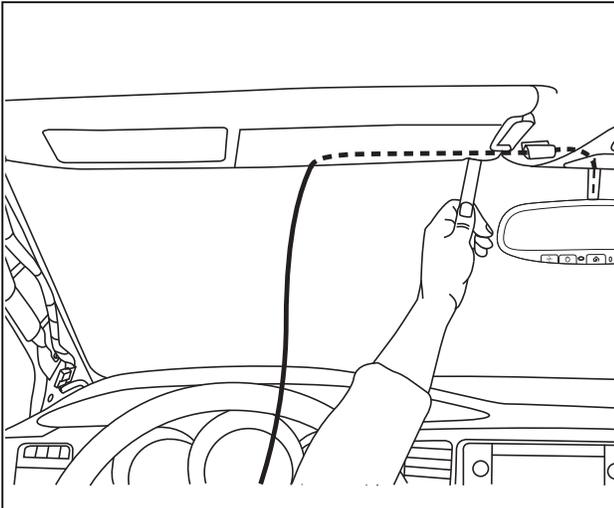


	19
NOTE	Plug 5-pin connector from EC mirror harness into harness lead extending out from EC mirror.
	Caution: Ensure 5-pin connector is securely installed.

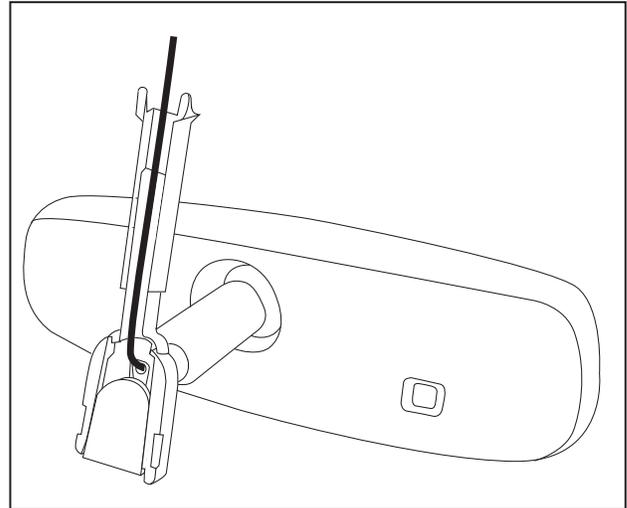


	20
NOTE	Wrap one (1) piece of foam tape around EC mirror harness connector, as shown above.

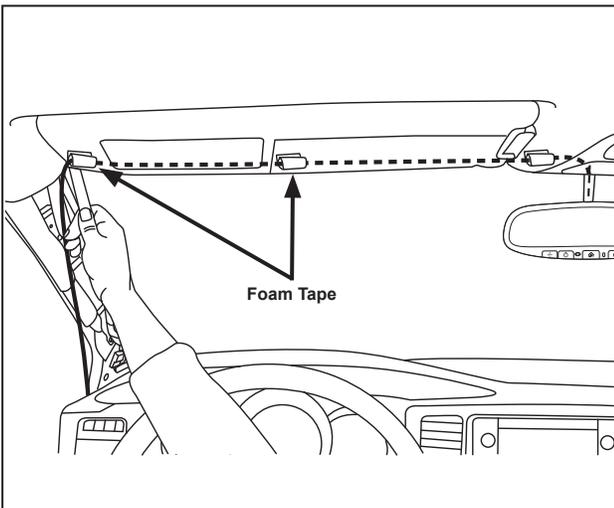
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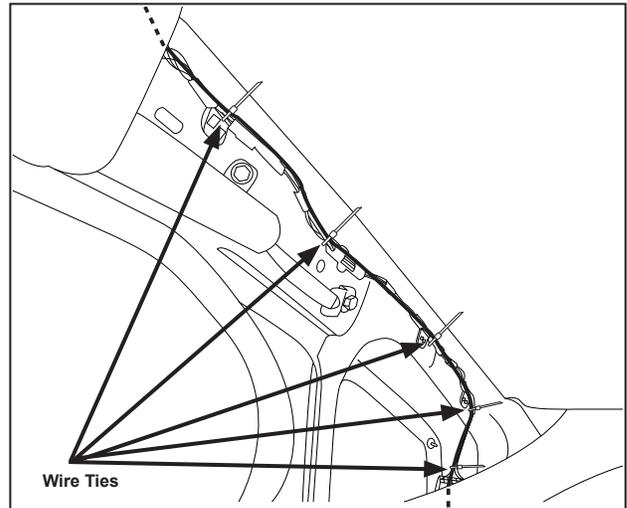
	Nylon Panel Removal Tool	21
NOTE	Begin tucking the EC mirror harness between the headliner and the roof. Stop just after the foam taped harness connector is tucked under the headliner.	
	Caution: Use caution when working with headliner to prevent creases or damage. Make sure your hands are clean.	



		22
NOTE	Route harness lead extending out from EC mirror into groove of wire cover. Push the bottom of the cover into the mirror mount until it clicks and locks into place. Slide the top portion of the wire cover up until it extends fully into headliner. Ensure that the cover is vertical.	
	Caution: Ensure cover "forks" are properly seated into mirror and headliner. Ensure the cover is vertical before continuing.	

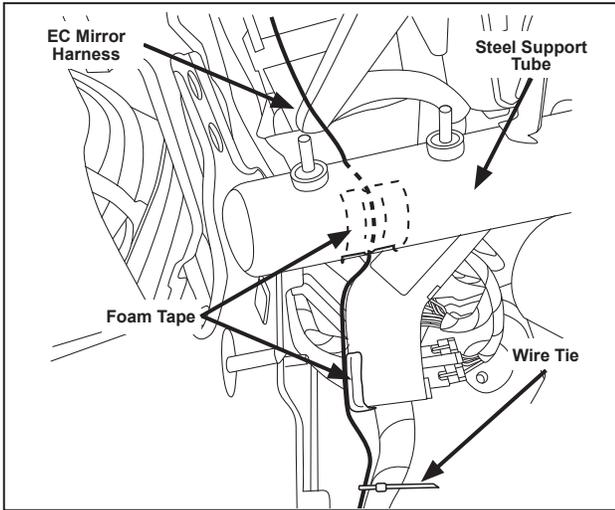


	Nylon Panel Removal Tool	23
NOTE	Wrap two (2) pieces of foam tape around EC mirror harness. Place the first piece approximately centered between the A-pillar and initial foam tape. Place the second piece just before the corner near the A-pillar.	
	Tuck the harness with foam tape into the headliner from the mirror to the A-pillar.	
	Caution: Ensure harness wire cover is still vertical and that harness is completely tucked into headliner.	
	Use caution when working with headliner to prevent creases or damage.	

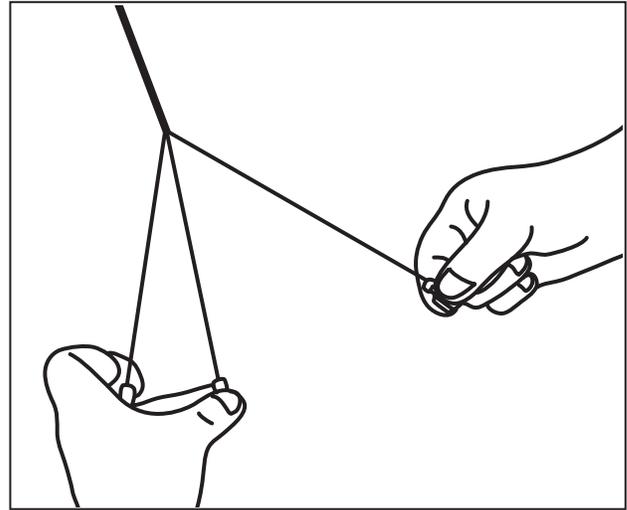


	Side Cutters	24
NOTE	When completing this step, ensure EC mirror harness does not interfere with airbag and ensure that harness is not secured to drain tube or airbag.	
	Route EC mirror harness down A-pillar and secure to OEM wire harness. Secure EC mirror harness near OEM clips with five (5) wire ties.	
	Clip end of wire ties.	
	Caution: If vehicle is equipped with a sunroof, do not secure wire ties to drain tube. Be careful not to damage the OEM wire harness, the drain tube, or the side curtain air bag.	

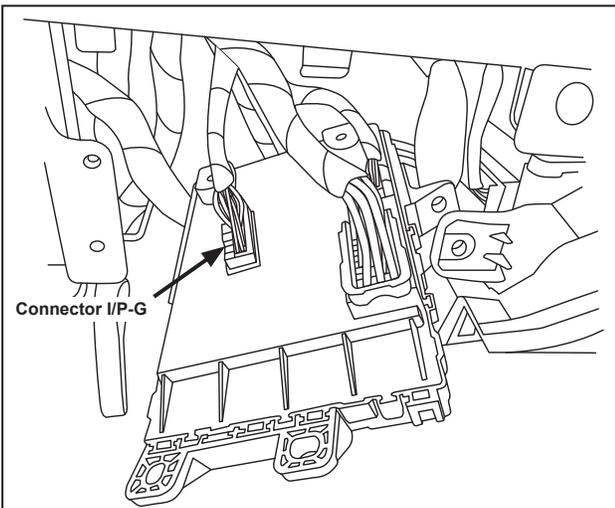
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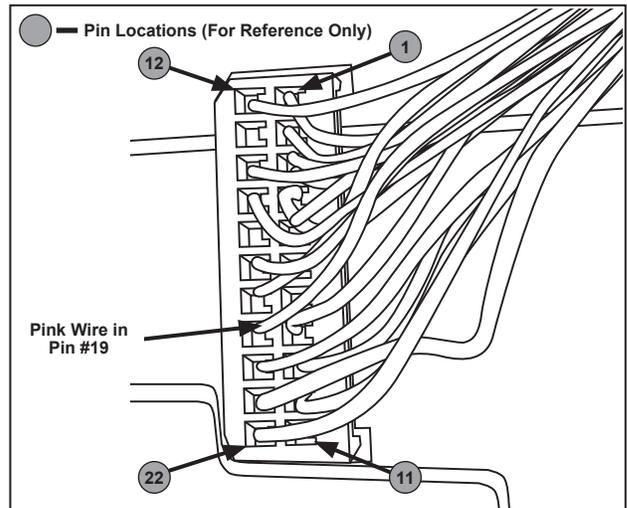
	Side Cutters	25
NOTE	Route EC mirror harness through dash, ensuring harness is routed to the front of the steel support tube and to the front of the fuse panel (side closest to the engine). Place one (1) piece of foam tape on the steel support tube, covering the harness. Place one (1) piece of foam tape on the sharp edge of the plastic guard, as shown above. Place one (1) wire tie around the OEM harness, just below the plastic guard, as shown above. Clip end of wire tie.	
	Caution: Ensure harness is not damaged during routing.	



		26
NOTE	Pull EC mirror harness wires apart approximately 6 inches, as shown.	
	Caution: <u>Do not</u> use a razor blade or any other tool to separate harness wires. Ensure harness is not damaged during separation.	

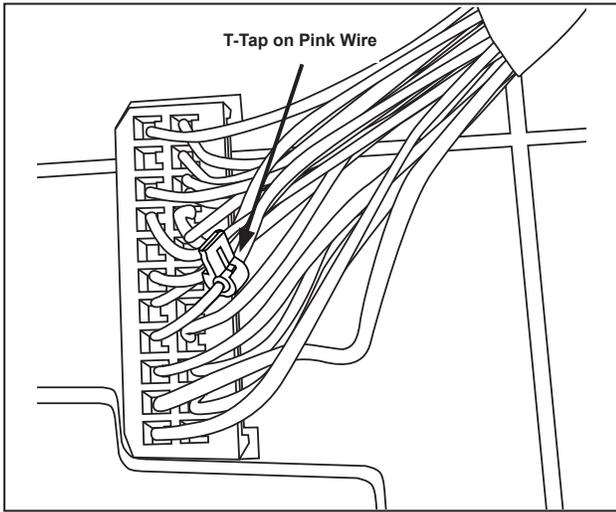


		27
NOTE	Locate Connector I/P-G (22 pin connector) on the front side of the junction block (side closest to the engine).	
	Caution: Ensure that the correct connector is used.	



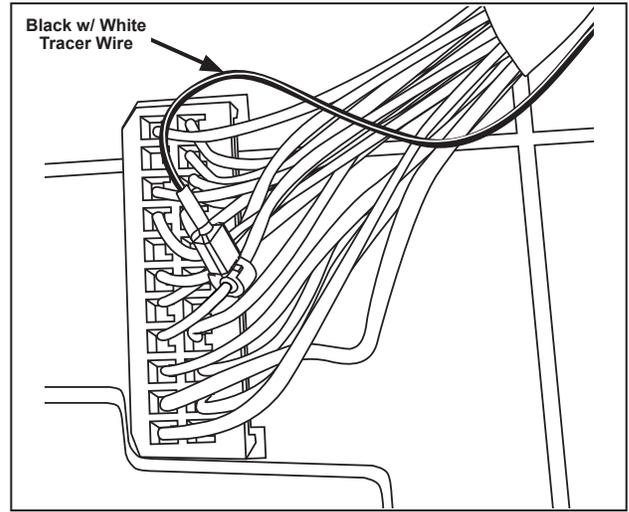
		28
NOTE	Locate the PINK wire in Pin #19 of Connector I/P-G.	
	Caution: Ensure that the correct wire is used.	
	NOTE: Factory wire harness colors are subject to change, please use the specified pin # in the harness connector to identify the correct wire for T-Tap installation.	

KIA Genuine Accessories



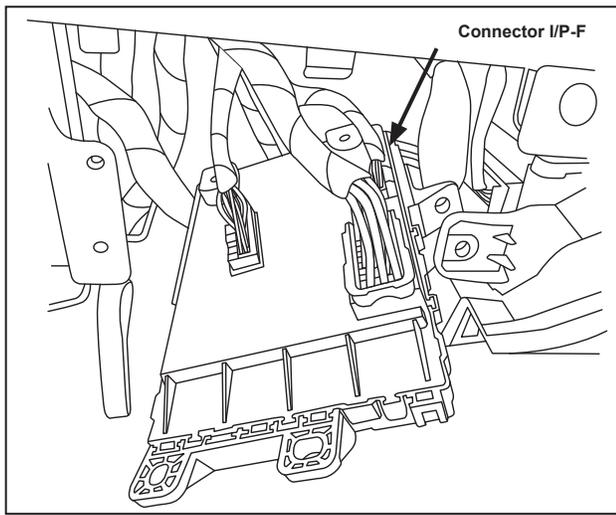
T-Tap on Pink Wire

	Pliers	29
NOTE	Attach one (1) T-Tap to the PINK wire in Pin #19 . Use pliers to snap T-Tap together. Reference page 3, "T-Tap Installation Procedure," for detailed instructions.	
	Caution: Ensure that the wire is in the slot of T-Tap and that both halves of T-Tap connector are snapped together properly.	



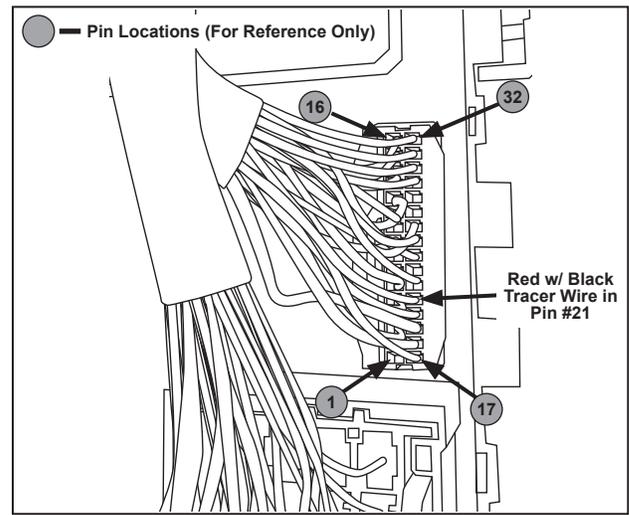
Black w/ White Tracer Wire

		30
NOTE	Insert spade terminal of the BLACK w/ WHITE Tracer wire of EC mirror harness into T-Tap connector of PINK wire (switched IGN 12 Volts). Reference page 3, "T-Tap Installation Procedure," for detailed instructions.	
	Caution: Ensure male spade connector is fully inserted into wire tap. Check to see that the spade connector did not miss the slot. Check to see that it is not visible on either side of female connector.	



Connector I/P-F

		31
NOTE	Locate Connector I/P-F (32 pin connector) on the front side of the junction block (side closest to the engine).	
	Caution: Ensure that the correct connector is used.	

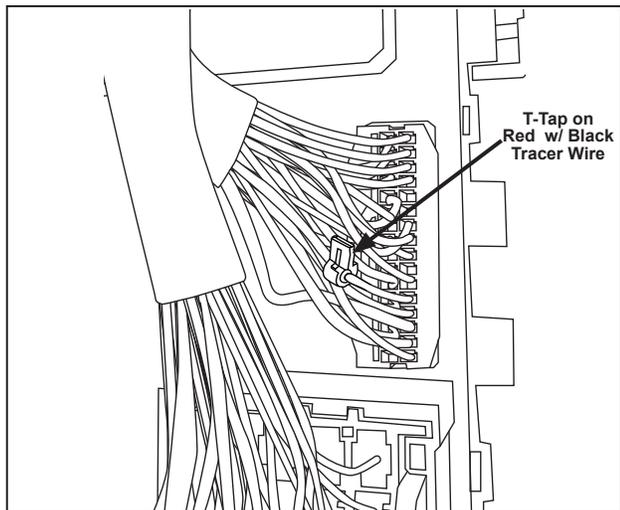


Pin Locations (For Reference Only)

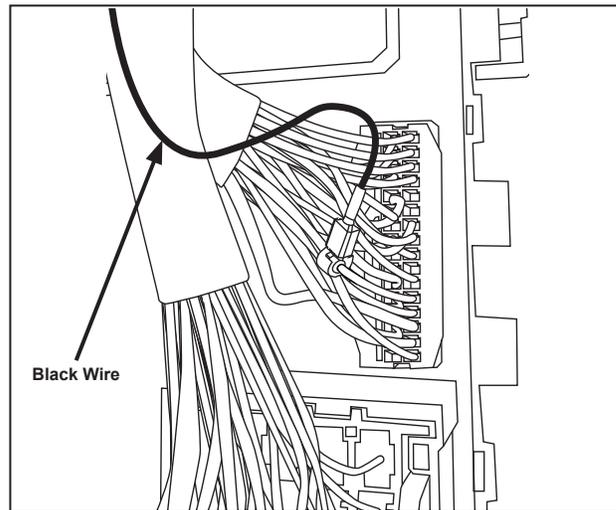
Red w/ Black Tracer Wire in Pin #21

		32
NOTE	Locate the RED w/ BLACK Tracer wire in Pin #21 of Connector I/P-F.	
	Caution: Ensure that the correct wire is used. NOTE: 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.	

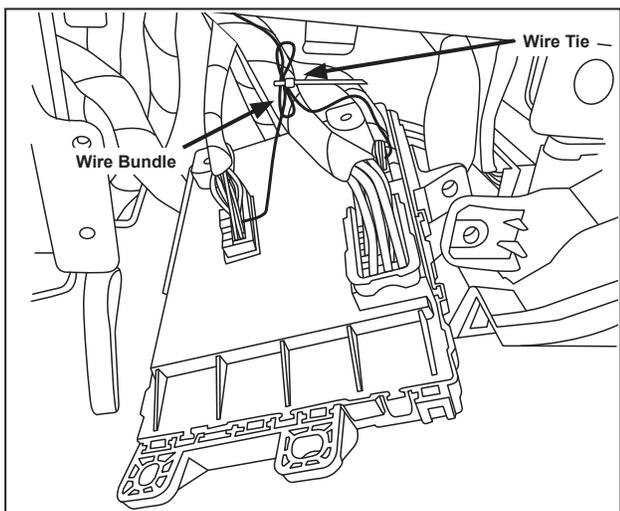
KIA Genuine Accessories



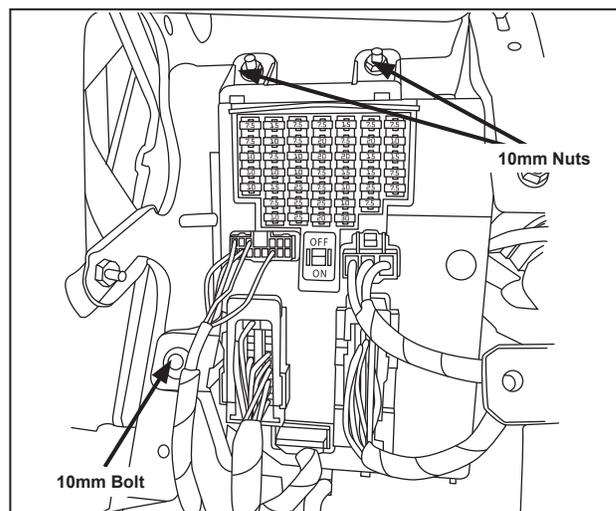
	Pliers	33
NOTE	Attach one (1) T-Tap to RED w/ BLACK Tracer wire in Pin #21 . Use pliers to snap T-Tap together. Reference page 3, "T-Tap Installation Procedure," for detailed instructions.	
	Caution: Ensure that the wire is in the slot of T-Tap and that both halves of T-Tap connector are snapped together properly.	



		34
NOTE	Insert spade terminal on the solid BLACK wire of the EC mirror harness into T-Tap connector of the RED w/ BLACK Tracer wire (constant 12 Volts). Reference page 3, "T-Tap Installation Procedure," for detailed instructions.	
	Caution: Ensure male spade connector is fully inserted into wire tap. Check to see that the spade connector did not miss the slot. Check to see that it is not visible on either side of female connector.	

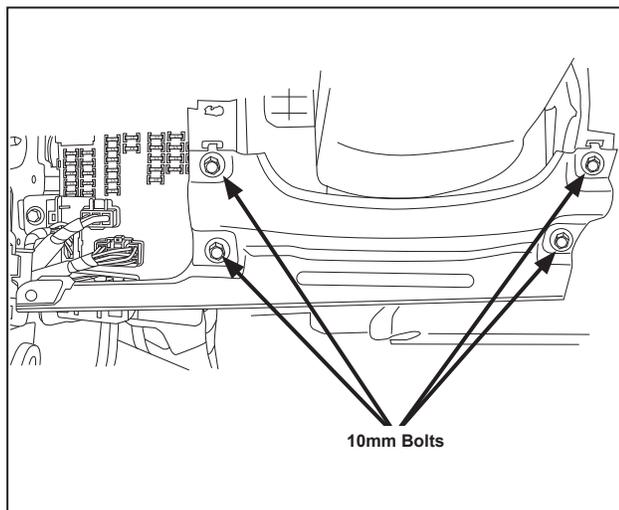


	Side Cutters	35
NOTE	Route EC mirror harness to OEM wire harness. Bundle remaining harness and secure to OEM harness with one (1) wire tie, as shown above.	
	Clip end of wire ties.	



	Torque Wrench & 10mm Socket	36
NOTE	Carefully re-align fuse panel with mounting studs at top of fuse panel. Re-install two (2) 10mm nuts at top of fuse panel and one (1) 10mm bolt on lower left side of fuse panel. Tighten nuts and bolt to 5 lb-ft (7 N-m).	
	Caution: Ensure care is taken to prevent damage to fuse panel and wire harnesses.	

KIA Genuine Accessories

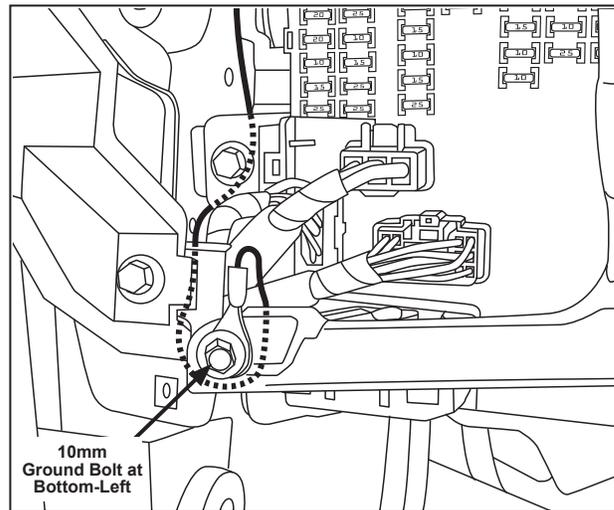


10mm Bolts

Torque Wrench & 10mm Socket 37

NOTE

Partially reinstall steel knee bolster. Insert the four (4) **RIGHT MOST** bolts through the knee bolster and into the appropriate threaded holes. Securely tighten bolts to 7 ft-lb (10 N-m) with 10mm socket and torque wrench.



10mm Ground Bolt at Bottom-Left

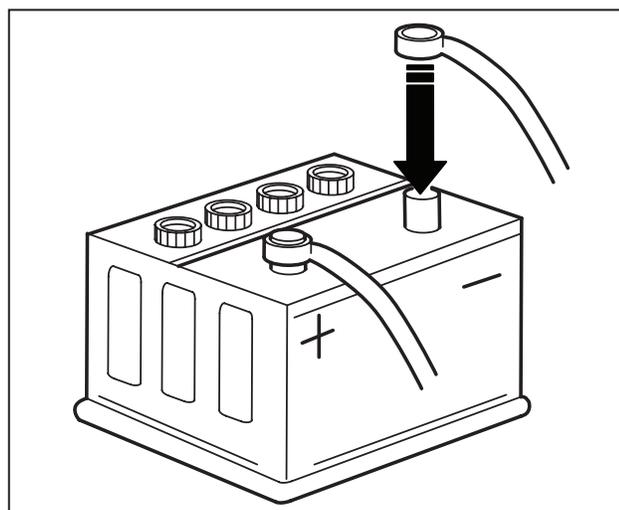
Torque Wrench & 10mm Socket 38

NOTE

Route ring terminal on **Ground** wire from EC mirror harness over the top and in front of knee bolster, as shown above. Reinstall the bolt in the **BOTTOM - LEFT** of the steel knee bolster plate by first inserting the ring terminal over bolt and threading through the knee bolster. Securely tighten bolt to 7 ft-lb (10 N-m) with 10mm socket and torque wrench.



Caution: Ensure ground bolt, with ring terminal and knee bolster, is securely tightened.



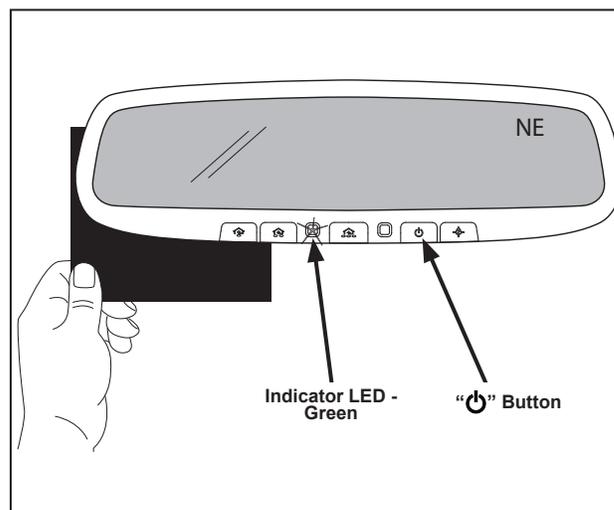
Ratchet & 10mm Socket 39

NOTE

Testing Preparation:
Reconnect negative battery cable, using 10mm socket.



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.



Indicator LED - Green "ON" Button

40

NOTE

Cover the forward looking photocell on the back of the mirror with a dark cloth or towel.

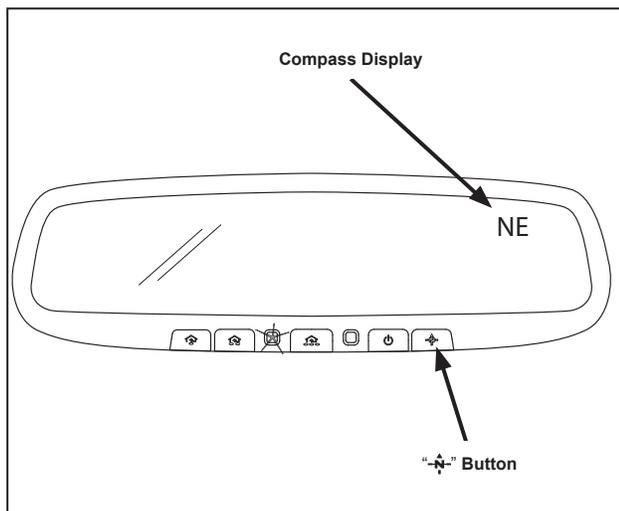
Turn the ignition to the "ON" position.

To make sure the auto-dimming feature is on, verify that the **GREEN** LED to the left of the center button is on. If it is not on, push the "ON" button to turn the **GREEN** LED on.

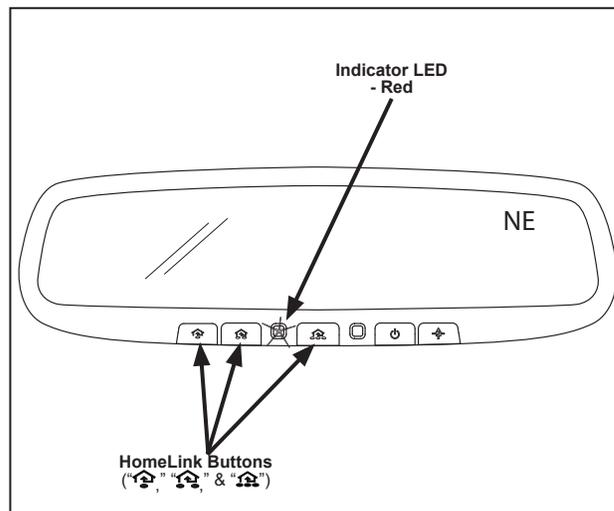
At this time, the mirror will begin to darken.

Remove the cloth from the forward looking photo cell and the mirror will begin to clear.

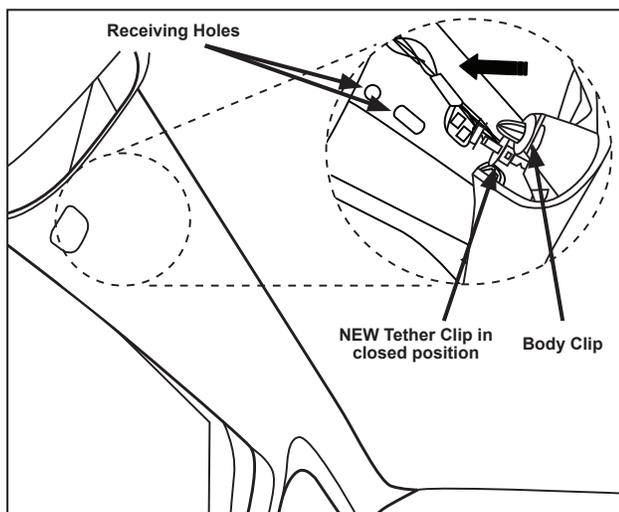
KIA Genuine Accessories



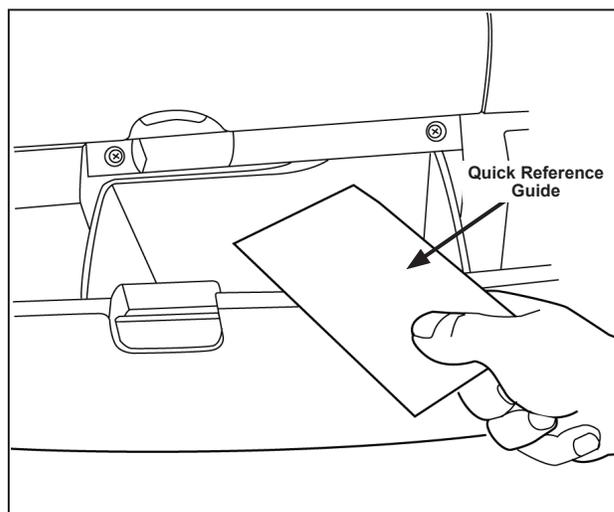
41	
NOTE	Verify that either a direction, such as NE, or "C" is displayed in the display window. If not, ensure the compass feature is turned on by pressing the "N" button.



42	
NOTE	<p>Turn the ignition to the "OFF" position.</p> <p>Ensure that the Compass display is no longer visible and the Green LED is no longer on.</p> <p>Push each HomeLink button (&) one at a time, and verify that the LED indicator to the left of the center button illuminates with a RED LED when buttons are pressed.</p> <p>Testing is now complete.</p>

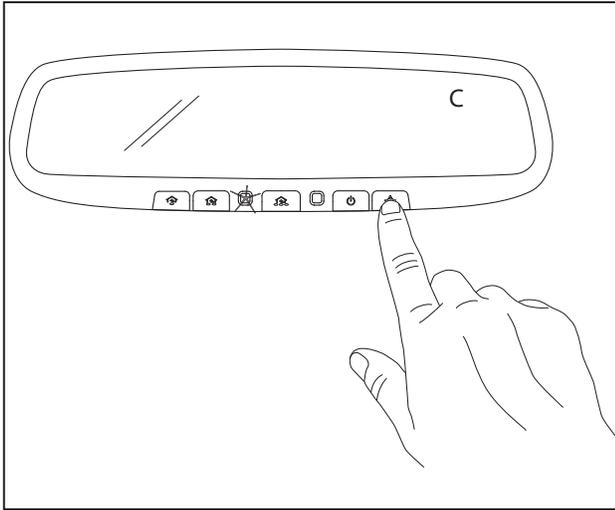


43	
NOTE	<p>Ensure a new tether clip has been inserted into A-pillar trim panel and begin installation of A-pillar trim panel. Place base of A-pillar trim panel into alignment channels on side dash and push down. Align all clips on the A-pillar trim panel, including the tether clip, with the corresponding receiving holes on the steel A-pillar and carefully snap A-pillar trim panel into original closed position. Apply additional pressure behind the tether clip to ensure it locks into steel A-pillar.</p>
	<p>WARNING: Ensure a NEW A-pillar tether clip is installed before installing A-pillar trim panel and that it locks into steel A-pillar.</p> <p>Ensure care is taken to prevent damage to clips, wire harnesses, A-pillar trim panel, and side airbag unit.</p>



44	
NOTE	<p>Reinstall in reverse order, all remaining trim pieces removed during installation.</p> <p>Place Quick Reference Guide in vehicle glove box.</p> <p>Remove fingerprints, smudges, etc. from mirror and windshield.</p>
	<p>Caution: DO NOT spray glass cleaner or other cleaning liquid directly onto the mirror as it may damage the electronics.</p>

KIA Genuine Accessories Calibration (DEALER INSTALL ONLY)

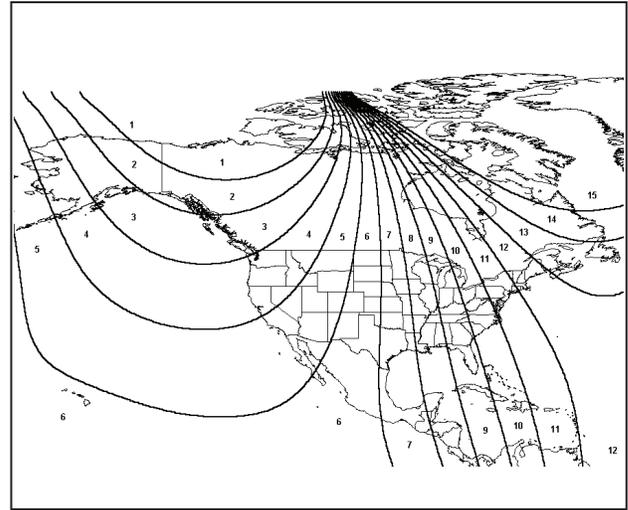


1

NOTE

If the display reads "C," the compass feature must be calibrated. To calibrate the compass, drive the vehicle in up to three (3) complete circles at less than 5 mph.

To adjust for compass variance:
Press the "⏻" button for more than 9 seconds, or until the current Zone Number appears in the display.



2

NOTE

Find your current location and variance Zone Number on the zone map, shown above. Press the "⏻" button until the new desired Zone Number appears in the display. Within a few seconds a compass direction will be displayed and the new zone is set.

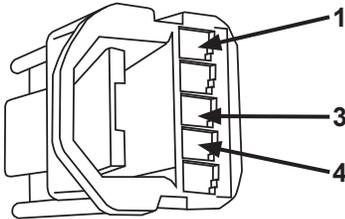
KIA Genuine Accessories Visual Check

	Items to Be Checked	Results Of The Check
	Negative Battery Terminal Tightened 	Battery cable is correctly fastened to the negative terminal. 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.
	EC Mirror Harness	EC mirror harness connectors are both securely fastened and both spade connectors are securely installed. Ensure harness is tucked into headliner without causing a bulge or interference with headliner.
	EC Mirror Wire Cover	Ensure upper portion of cover is properly seated onto lower cover on EC mirror and that the "forks" are properly seated under headliner. Ensure cover is vertical without interference from harness.
	EC Mirror Torx Screw	Torx screw is tightened to 15.6 lb-in (1.8 N-m).
	Sun Visor Hook	Sun visor hook is securely in place and screw is properly tightened.
	Fuse Panel	Fuse panel is securely in place with one (1) bolt and two (2) nuts. All connectors are properly connected.
	Steel Knee Bolster	All bolts through steel knee bolster are securely tightened, including bottom-left bolt with ring terminal of ground wire properly attached.
	Lower Dash Trim Panel	Lower Dash Trim panel is securely in place with three (3) screws. OBD II connector is properly connected.
	Side Dash Trim Panel	Trim panel is securely in place.
	Fuse Panel Access Cover	Cover is securely in place.
	Driver-side A-pillar Trim Panel 	Trim panel is securely in place. Ensure A-pillar tether clip is properly installed and locked into steel A-pillar. WARNING: Always use a NEW A-pillar tether clip when reinstalling the A-pillar trim panel. Failure to use a new clip may result in serious injury or death to the driver in the event of an accident in which the side curtain airbag deploys.
	Driver-side Door Seal	Seal is properly in place.
	EC Mirror Features: Auto-Dimming	EC mirror dims with ignition in the "ON" position when the forward looking photocell is covered. EC mirror is clear and does <u>NOT</u> dim with ignition in the "OFF" position and green LED is off.
	EC Mirror Features: Compass Display	Compass display reads either "C" or a directional heading with ignition in the "ON" position only and <u>NOT</u> in the "OFF" position.
	EC Mirror Features: HomeLink	Red LED illuminates when each HomeLink Button is pressed with ignition in both the "OFF" and "ON" positions.

KIA Genuine Accessories Troubleshooting

Items In Question	Results Of The Check	
Mirror harness is receiving the proper ignition switch signal.	<u>Instruction Reference</u> Step 27 - 30 (Installation)	Switched ignition harness wire, pin 4 at the EC mirror harness connector is receiving +12V with ignition ON.
Mirror harness is receiving constant +12V power.	<u>Instruction Reference</u> Step 31-34 (Installation)	B+ harness wire, pin 3 at the EC mirror harness connector is receiving +12V with ignition OFF.
Mirror harness is properly grounded at the ring terminal ground.	<u>Instruction Reference</u> Step 38 (Installation)	Ground is present at pin 1 at the EC mirror harness connector.
EC mirror harness is fully inserted into mirror harness lead extending out from EC mirror.	<u>Instruction Reference</u> Step 19 (Installation)	Harness connectors click when fully inserted into each other.
Spade terminals are correctly inserted into T-taps.	<u>Instruction Reference</u> Step 30 & 34 (Installation)	Ensure that male spade connectors are fully inserted into T-taps. Check to see that the spade connector did not miss the slot and that it is not visible on either side of female connector.
EC mirror harness is not pinched, cut, or damaged.	<u>Instruction Reference</u> Step 17 - 38 (Installation)	EC mirror harness is routed in a manner free of clips and pinch points of trim pieces.

MIRROR CONNECTOR PIN-OUT



**Sumitomo 6098-3811
5-Pin Internal Male Coupler**

NO.	GAGE	COLOR	FUNCTION	CIRCUIT	FUSE
1	22	Black	GROUND		
2					
3	22	Black	BATTERY (constant 12 volts)	Clock Circuit	Memory 7.5 Amp
4	22	Black w/ White Tracer	IGNITION (switched 12 volts)	Audio Circuit	Module 1 10 Amp
5					

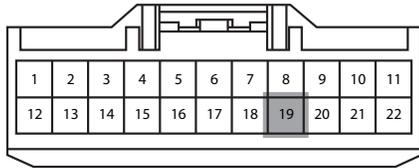
KIA Genuine Accessories Troubleshooting

Feature	Operation	Function	Primary Action	Secondary Action
HomeLink	Press each HomeLink Button independently	Red LED does not illuminate after any button is pressed	Check Memory Fuse 7.5 Amp Confirm spade connector is correctly inserted into T-tap (See page 3) Check for 12 Volts at T-tap on RED/BLACK wire in pin 21 of I/P-F Connector. If no 12 Volts, wrap T-tap and install new T-tap (See page 3) Check vehicle grounds (refer to ETM)	If all checks are OK, replace Accessory EC Mirror
		Red LED illuminates only for one or two buttons pressed	Replace Accessory EC Mirror	
Compass	Press Compass Button	Compass display does not illuminate	Check Module 1 Fuse 10 Amp Confirm spade connector is correctly inserted into T-tap (See page 3). Check for 12 Volts at T-tap on PINK wire in pin 19 of I/P-G Connector. If no 12 Volts, wrap T-tap and install new T-tap (See page 3) Check vehicle grounds (refer to ETM)	If all checks are OK, replace Accessory EC Mirror
Auto-Dimming	Press Power Button	Green LED does not illuminate	Check Module 1 Fuse 10 Amp Confirm spade connector is correctly inserted into T-tap (See page 3). Check for 12 Volts at T-tap on PINK wire in pin 19 of I/P-G Connector. If no 12 Volts, wrap T-tap and install new T-tap (See page 3) Check vehicle grounds (refer to ETM)	If all checks are OK, replace Accessory EC Mirror
		Green LED illuminates, but mirror does not darken	Replace Accessory EC Mirror	

KIA Genuine Accessories Electrical Schematics

IGNITION

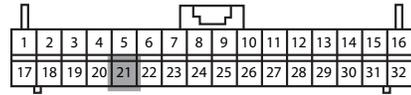
I/P-G Smart Junction Box Connector
- 22 Female / Black



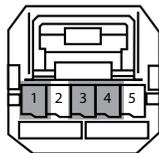
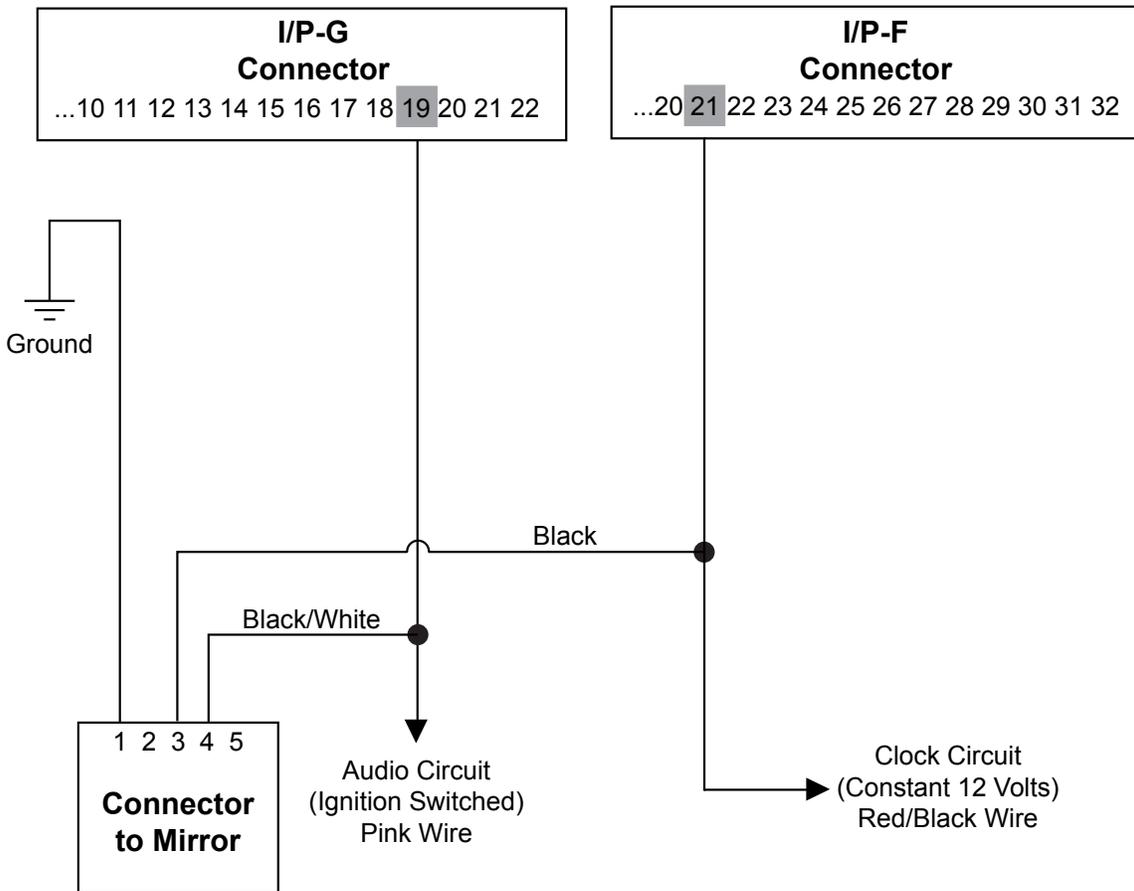
Pin # 19 - PINK
Audio Circuit - Module 1 10 Amp Fuse

BATTERY

I/P-F Smart Junction Box Connector
- 32 Female / White



Pin # 21 - RED w/ BLACK Tracer
Clock Circuit - Memory 7.5 Amp Fuse



= Connector

—●— = T-Tap

Revision Date
11/27/2012