

## KIA Genuine Accessories













<b>Vehicle Model</b>	SOUL	<b>Accessory</b>	Remote Engine Start PTS
<b>Model Year</b>	2014~	<b>Difficulty</b>	(B)
<b>Part No.</b>	B2F60 AQ700		

- Accessory Installation

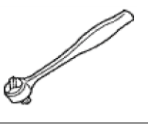



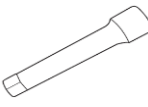
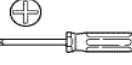

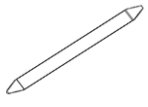

**Note:** Difficulty stated above reflects the minimum level of expertise required to install the accessory.  
 ( A ) Customer    ( B ) Dealer Technician    ( C ) Master Technician

Ensure vehicle is equipped with automatic transmission, power door locks and power windows. If vehicle is not equipped with these options, do not proceed. Ensure vehicle has SMART KEY (PUSH BUTTON IGNITION SYSTEM).

### 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, safety glasses, 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.	 Mask
 Denotes cautions to be taken to avoid vehicle and component damage.	 Denotes instructional steps necessary to complete the process.	 Safety Glasses
		 Gloves
		 Hearing Protection

### Basic Required Hand Tools

 <b>Ratchet</b>	 <b>10 mm Socket</b>	 <b>12 mm Socket</b>
 <b>Specialty Tool or 8 mm Socket</b>	 <b>Extension</b>	 <b>Phillips Screwdriver</b>
 <b>Wire Cutter</b>	 <b>Trim Removal Tool</b>	
 <b>Torque Wrench</b>		

### Notes to the Installer:

Read the entire installation manual 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 to include gloves and eye protection when required.

Prior to disconnecting the negative lead to the battery, note the AM/FM and satellite set frequencies on the inspection page, if applicable.







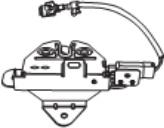


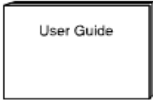
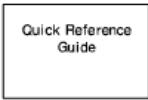
Ensure the transportation fuse is properly installed before performing the function check on page 11.



**Technical Support**  
 For Authorized Dealers - (1) 855-225-7344  
 Hours : 9:00 a.m. - 5:00 p.m. EST Monday - Friday

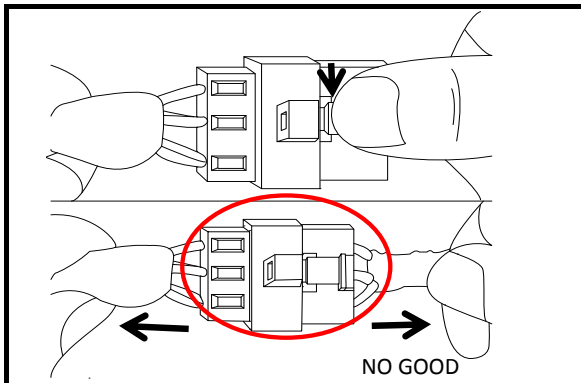
## KIA Genuine Accessories

### Kit Overview

<p>①</p>  <p>Main Controller Module BEF60 AQ700MC</p>	<p>②</p>  <p>Remote Transmitter BEF60 AQ700RT</p>	<p>③</p>  <p>Antenna BEF60 AQ700AT</p>	<p>④</p>  <p>Relay</p>
<p>⑤</p>  <p>Main Harness BEF60 AQ700MH</p>	<p>⑥</p>  <p>Antenna Harness BEF60 AQ700AH</p>	<p>⑦</p>  <p>Hood Latch Assembly 81130 B2010</p>	<p>⑧</p>  <p>Cable tie</p>
<p>⑨</p>  <p>Installation Guide</p>	<p>⑩</p>  <p>User Guide</p>	<p>⑪</p>  <p>Quick Reference Guide</p>	

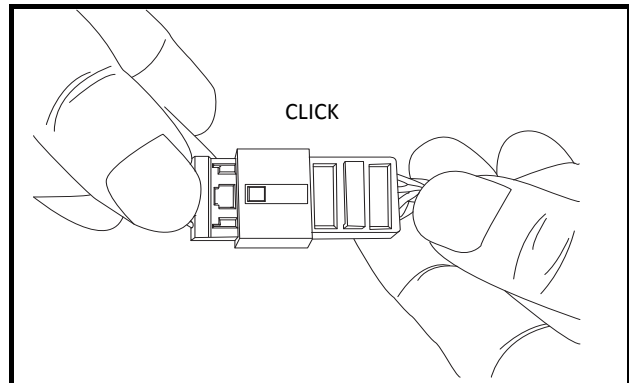
No.	Qty.	Description	No.	Qty.	Description
1	1	Main Control Module	7	1	Hood Lock Assembly
2	2	Remote Transmitter	8	20	Cable tie
3	1	Antenna	9	1	Installation Guide
4	1	Relay	10	1	User Guide
5	1	Main Harness	11	1	Quick Reference Guide
6	1	Antenna Harness			

### Pay attention!



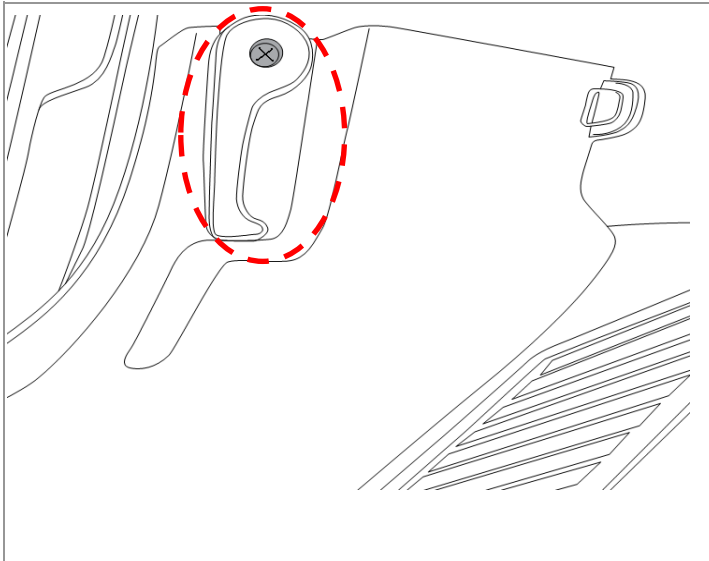
#### Disconnecting Connectors


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

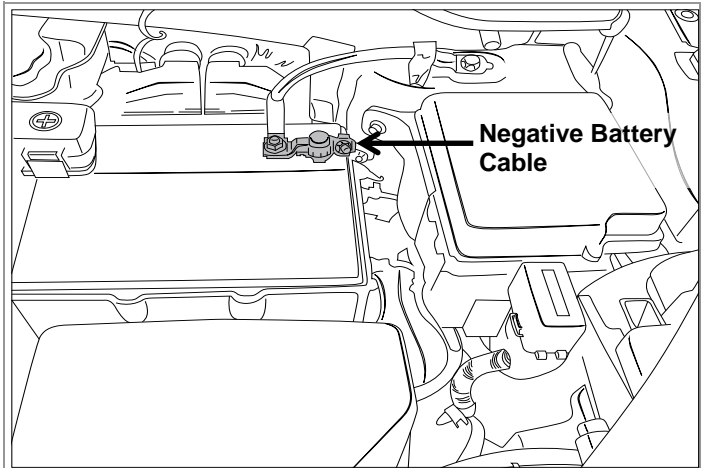




#### Locking Connectors

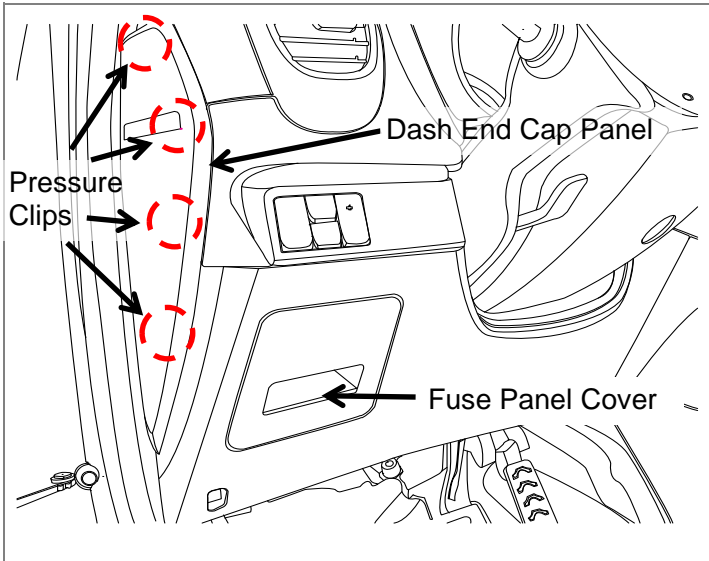
When locking connectors, listen for a click indicating they are securely locked.





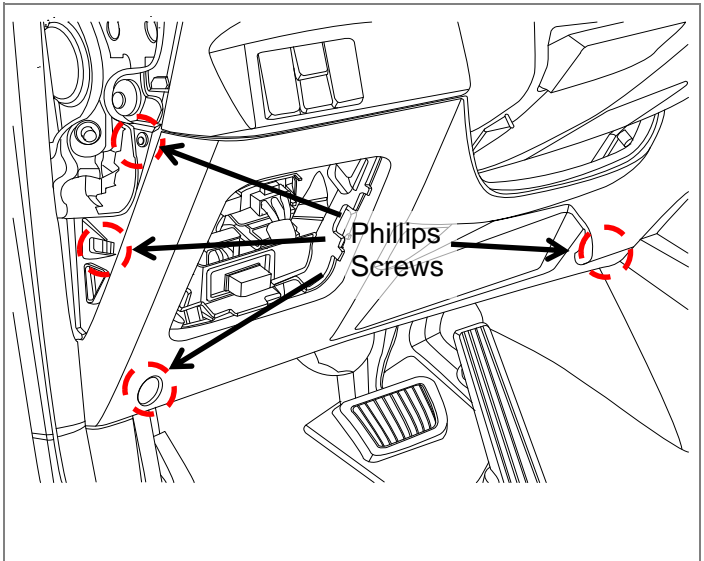
	<b>1</b>
<b>NOTE</b>	<ol style="list-style-type: none"> <li>1. Locate hood lever on the driver's kick panel side as shown above.</li> <li>2. Pull the hood lever to open the hood.</li> </ol>




	<b>2</b>
<b>NOTE</b>	<p>Ratchet and 10 mm Socket</p> <ol style="list-style-type: none"> <li>1. Using a 10 mm Socket and Ratchet, remove and isolate the negative battery cable from the battery.</li> </ol>
	<p><b>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.</b></p>

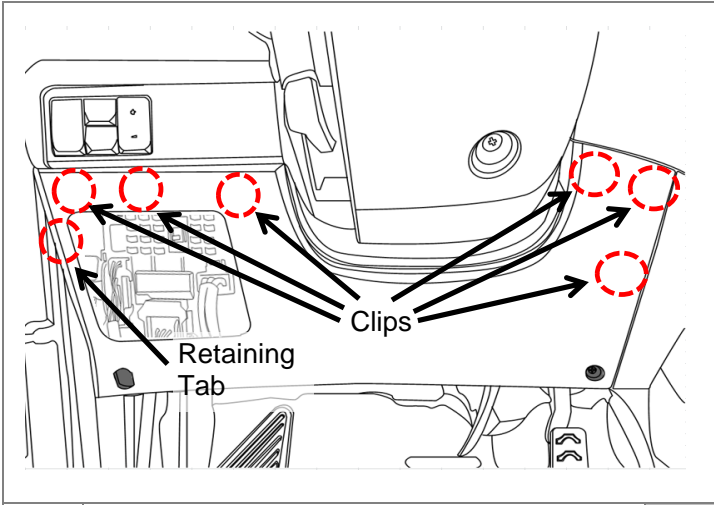


	<b>3</b>
<b>NOTE</b>	<p>Trim Removal Tool</p> <ol style="list-style-type: none"> <li>1. Remove the fuse panel cover.</li> <li>2. Using a trim removal tool, remove the driver's side dash end cap panel by prying outward to disengage the four (4) pressure clips.</li> </ol>
	<p><b>Store removed parts in a safe location to prevent damage.</b></p>



	<b>4</b>
<b>NOTE</b>	<p>Phillips Screwdriver</p> <ol style="list-style-type: none"> <li>1. Using a Phillips Screwdriver, remove the two (2) phillips screws from the side of the lower dash panel as shown.</li> <li>2. Using a Phillips Screwdriver, remove the two (2) phillips screws from the bottom of dash panel as shown.</li> </ol>

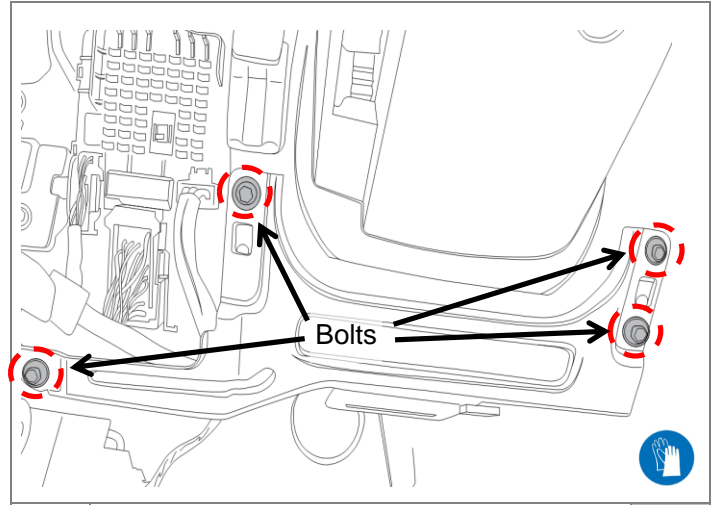
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Trim Removal Tool 5

- NOTE**
1. Using a trim removal tool, carefully pry outward to release the one (1) retaining tab on the side and six (6) pressure clips.
  2. Remove the OBDII connector from the panel.
  3. Disconnect any remaining connectors, if equipped.

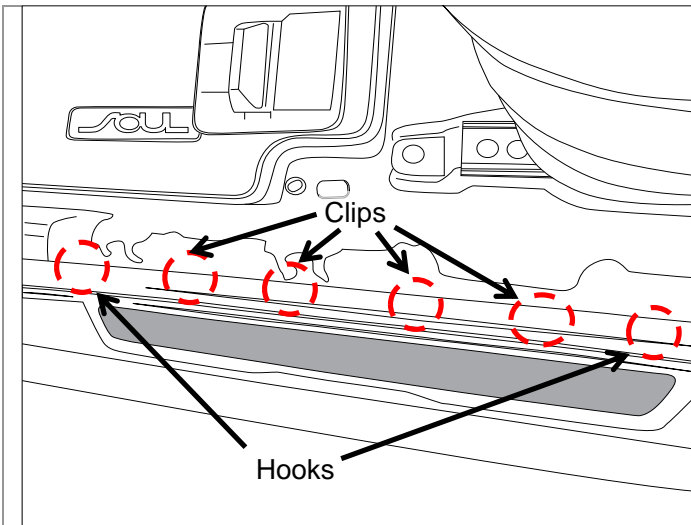
**CAUTION!** Careful to store the parts in a safe location to prevent damage.



Ratchet, Extension and 10 mm Socket 6

- NOTE**
1. Using Ratchet, Extension and 10 mm Socket, remove the four (4) 10 mm bolts securing the knee bolster plate.
  2. When reinstalling the knee bolster, use a torque wrench, extension, and 10 mm socket, tighten four (4) 10 mm bolts to: 11.76~14.7N.m(1.2~1.5kgf.m, 8.8~11.0 lb.ft).

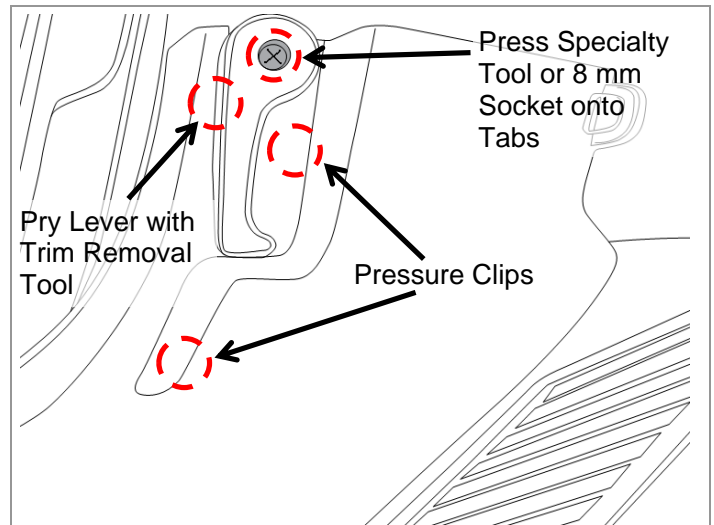
**WARNING!** Knee bolster plate may be sharp.



Trim Removal Tool 7

- NOTE**
1. Using a trim removal tool, remove the driver's side front door step sill trim panel by inserting the trim removal tool under the trim panel and prying upward to release the four (4) clips and two (2) hooks as shown.

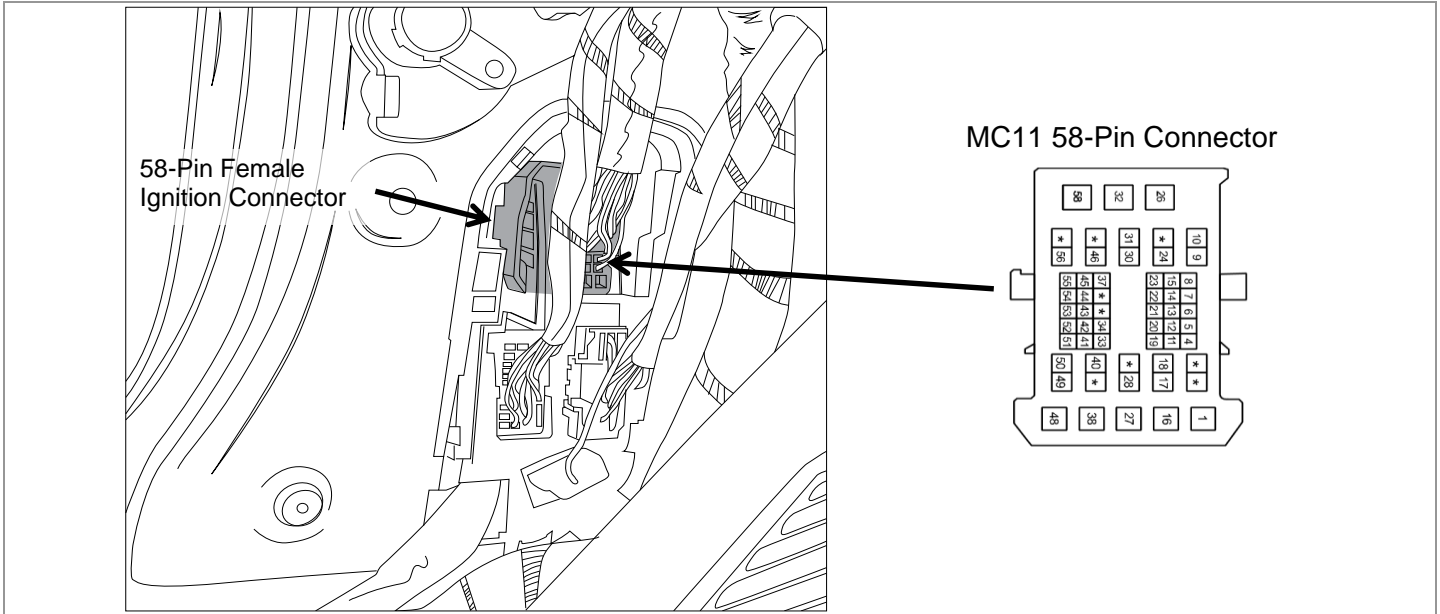
**CAUTION!** Take care not to damage the driver's side front door step sill trim when removing!



Trim Removal Tool, Specialty Tool or 8 mm Socket 8

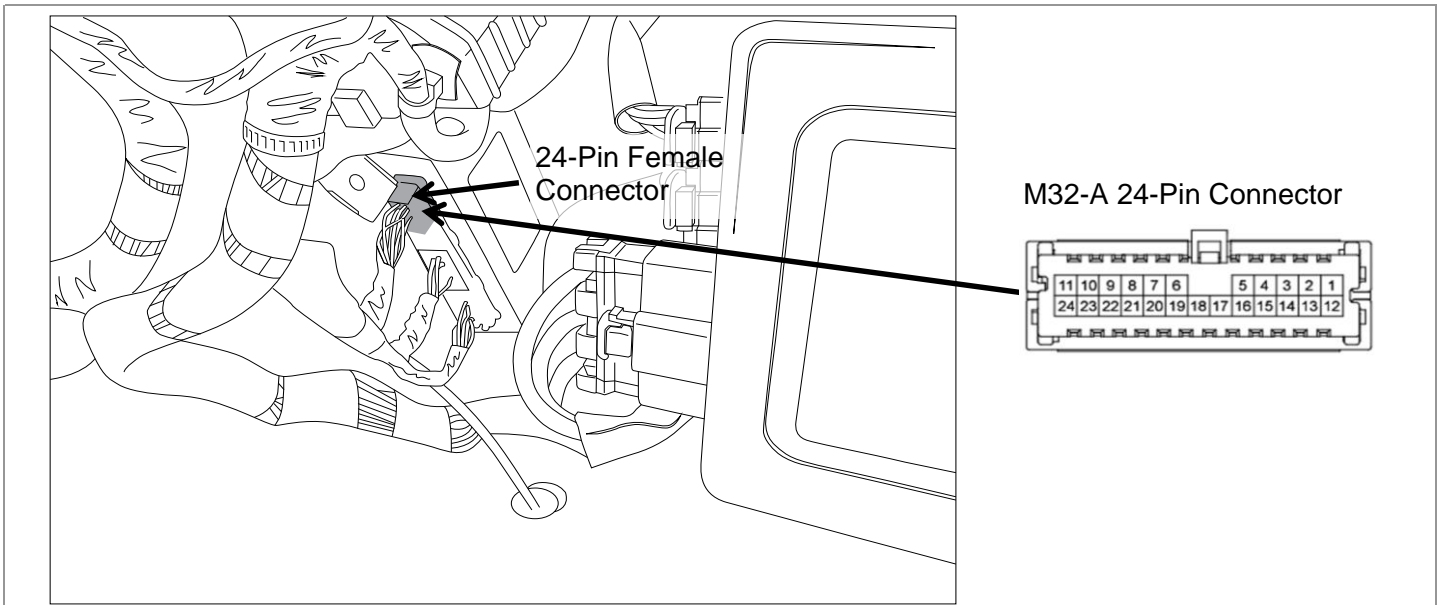
- NOTE**
1. Using a Specialty Tool or 8 mm socket, remove the hood latch release handle by compressing the center post tabs while simultaneously prying the handle away from the kick panel with a Trim Removal Tool. If Specialty Tool is not available, use 8 mm socket to release handle.
  2. Carefully pull the weatherstrip away from the side of the driver's kick panel.
  3. Remove driver's kick panel by pulling inwards to release the two (2) pressure clips.

**CAUTION!** Be careful not to damage the hood lever or the driver's kick panel when removing!



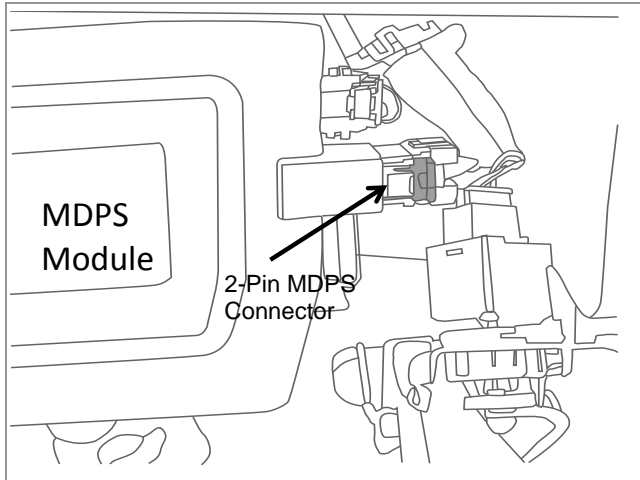
**NOTE**

1. Locate the four (4) connectors on the driver's kick panel area as shown above.
2. Identify and disconnect the factory 58-pin female connector and then plug in the corresponding remote start harness connectors.

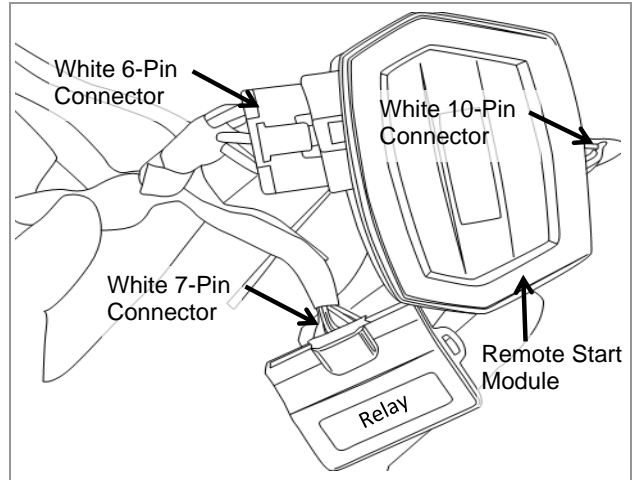


**NOTE**

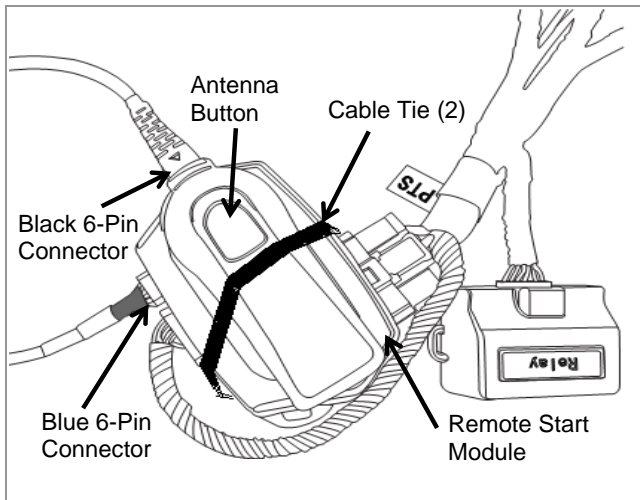
1. Locate the Smart Module at the back side of the fuse box as shown above.
2. There are three (3) connectors. Disconnect the factory 24-pin female connector and then plug in the corresponding remote start harness connectors.



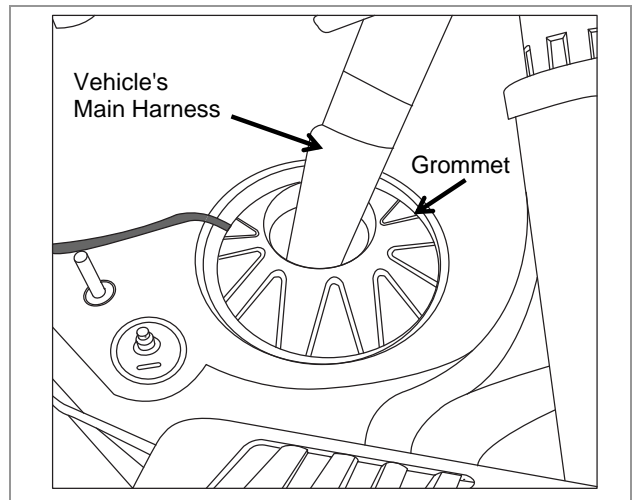
- 11
- NOTE**
1. Go back to the underside of drivers compartment and locate power supply on right hand side of drivers area under dash.
  2. Disconnect the factory (MDPS) 2-pin female connector and then plug in the corresponding remote start harness connectors.
  3. Push firmly the double-lock button (yellow colored) on the connectors located on both side end of Remote Start T-Harness.
- \* Warning! Make sure that both connectors on the MDPS Remote Start T-Harness are fully seated and locked in place, otherwise power assist steering may be lost.**



- 12
- NOTE**
1. Connect 6-pin Remote Start Connector (White connector) to the module.
  2. Connect 10-pin Remote Start connector (White connector) to the module.
  3. Connect 7-pin Relay harness connector (White connector) to the module.



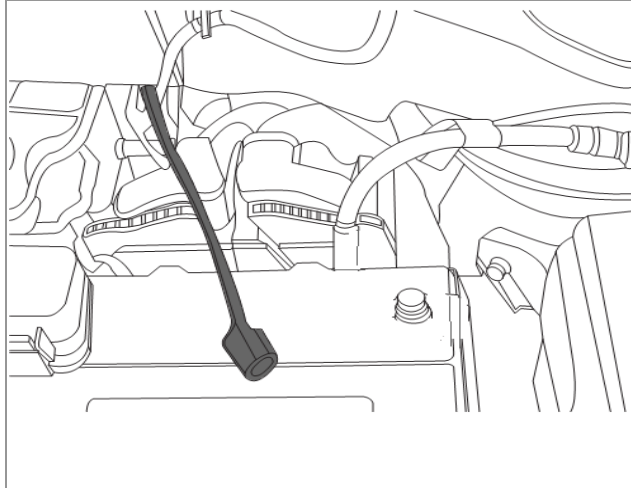
- 13
- Wire Cutter
- NOTE**
1. Remove film from double sided tape on antenna and adhere the antenna on top of main module as shown above.
  2. Connect 6-pin antenna connector (Blue connector) to the main module.
  3. Connect 6-pin antenna connector (Black connector) to the antenna. Make sure all the connectors are snapped in securely.
  4. Join two (2) cable ties together and install around module and antenna to secure both parts together.
  5. Using Wire Cutter, trim off excess wire ties.
- Pay attention not to press antenna button.**



- 14
- NOTE**
1. The long wire of Remote Start harness is for the hood safety switch.
  2. Locate vehicle's main harness which passes through the bulkhead to the vehicle's engine room as shown above.
  3. Slightly push the rubber grommet towards the engine room to make a gap for the hood safety switch harness, insert the hood safety switch harness into the gap.
- \* Warning! Do not push rubber excessively. If rubber is missing, vehicle will be non-waterproof and fumes may enter the interior of the vehicle**



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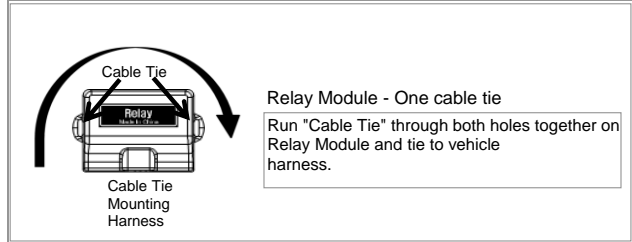
15

NOTE

1. After feeding hood safety switch through the grommet, route to the engine component and continue to pull wire through. Please leave twelve (12) inches of length at interior side of vehicle.
2. Make sure the rubber grommet is properly reseated back into the bulkhead.

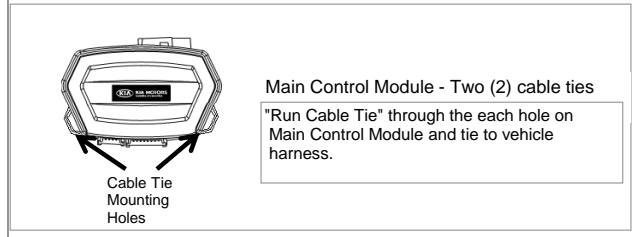


\* **Warning!** Do not push rubber excessively. If rubber is missing, vehicle will be non-waterproof and fumes may enter the interior of the vehicle



Relay Module - One cable tie

Run "Cable Tie" through both holes together on Relay Module and tie to vehicle harness.



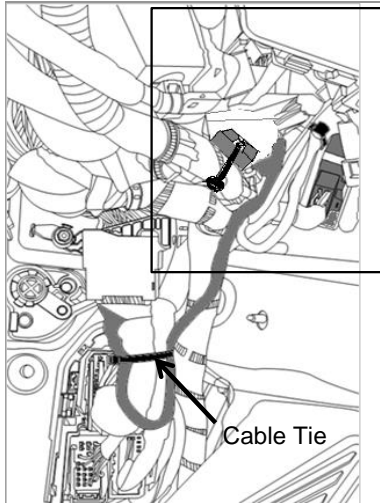
Main Control Module - Two (2) cable ties

"Run Cable Tie" through the each hole on Main Control Module and tie to vehicle harness.

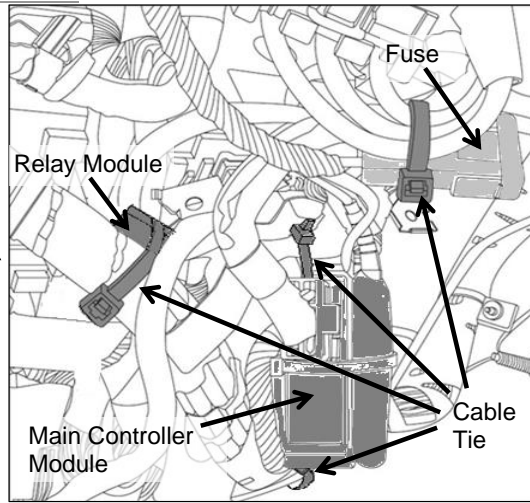
16

NOTE

1. Prepare to install Cable Tie as shown above.



Cable Tie



Relay Module

Fuse

Main Controller Module

Cable Tie



Wire Cutter

17

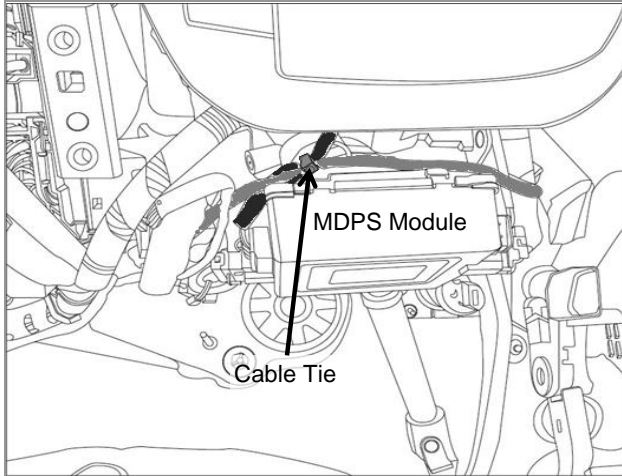
NOTE

1. Position "Main Controller Module" and "Relay Module (BS900)" behind the FUSE BOX and then use three (3) cable ties to attach to factory harness as shown above in step 16.
2. Cable tie the Fuse of MDPS harness (in Step 11) with factory harness as shown above.
3. Cable tie the MC11 harness (in Step 9) with factory harness as shown above.
4. Using wire cutters, trim off excess cable ties.

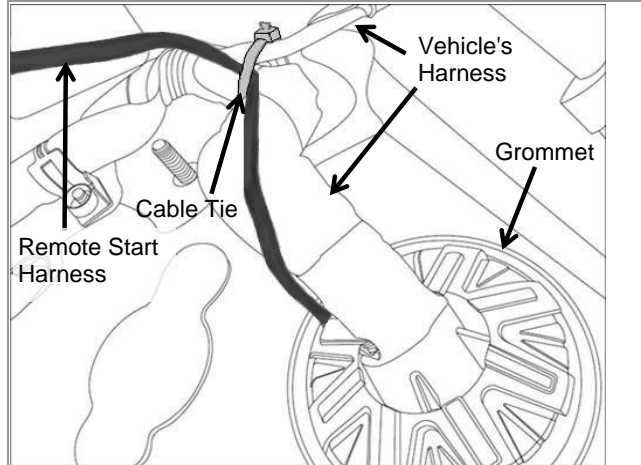


**Pay attention not to press antenna button.**  
Make sure wire harness does not interfere with driver's feet.

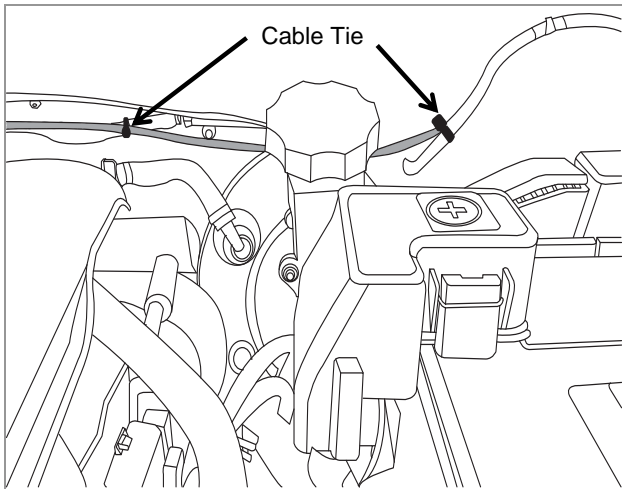
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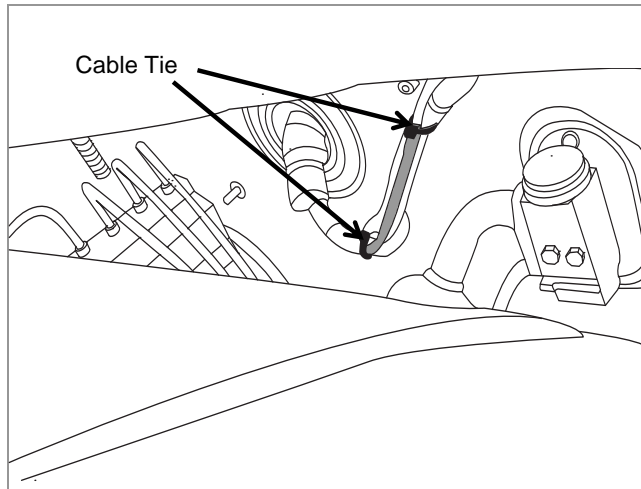
M-TOZ	Wire Cutter <span style="float: right;">18</span>
	1. Secure the Remote Start harness to the MDPS wire with the factory harness (Yellow Color). 2. Using wire cutters, trim off excess cable tie.
	<b>Make sure wire harness does not interfere with driver's feet.</b>



M-TOZ	Wire Cutter <span style="float: right;">19</span>
	1. Secure cable tie as shown above. 2. Using wire cutters, trim off excess cable tie.
	<b>Make sure wire harness does not interfere with driver's feet.</b>



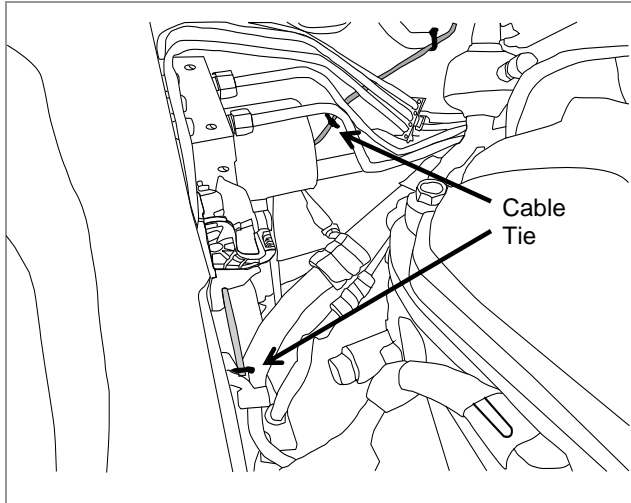
M-TOZ	<span style="float: right;">20</span>
	1. Route the hood safety switch harness beside the factory harness located along driver's side of the vehicle's bulkhead to the engine compartment. 2. Using two (2) cable ties, loosely secure the hood safety switch harness to the existing factory harness.
	<b>Leave ties loose to adjust length of harness as necessary later.</b>



M-TOZ	<span style="float: right;">21</span>
	1. Continue to route the hood safety switch harness along the passenger's side of the bulkhead. 2. Using two (2) cable ties, loosely secure the harness as shown above.
	<b>Do not attach to engine wiring.                  Leave ties loose to adjust length of harness as necessary later.</b>



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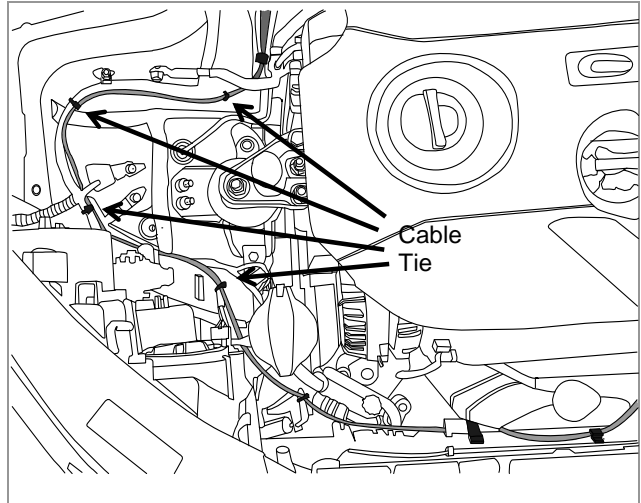


**22**

**NOTE**

1. Route the harness to the passenger's side of the vehicle, behind the vehicle's strut tower as shown above.
2. Using two (2) cable ties, loosely secure the hood switch harness to the existing factory harness.

**Do not attach to engine wiring. Leave ties loose to adjust length of harness as necessary later.**

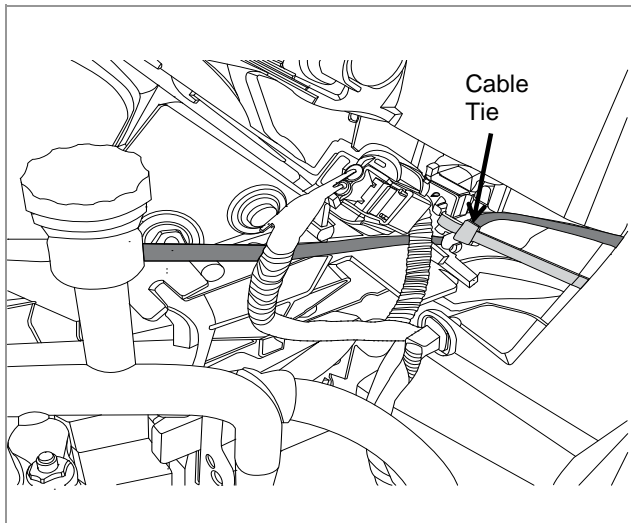


**23**

**NOTE**

1. Continue routing the hood safety switch harness around the passenger side strut tower, across the passenger's headlamp and up to the hood latch assembly.
2. Using four (4) cable ties, loosely secure the hood safety switch harness to the existing factory harness next to the vehicle's harness anchor points.

**Caution: Hood safety switch wiring should not be close to engine drive belt. Leave cable ties loose to adjust length of harness as necessary later. Do not tie to yellow colored factory harness.**

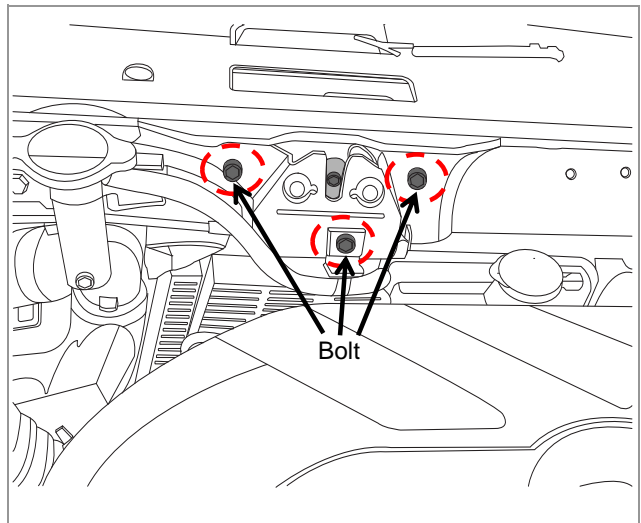


**24**

**Wire Cutter**

**NOTE**

1. Do not attach to yellow wiring (Headlamp wire) harness.
2. Using one (1) cable tie, secure the hood safety switch harness to the plastic loop on the passenger side head lamp as shown above.
3. Using wire cutters, trim off excess cable tie.



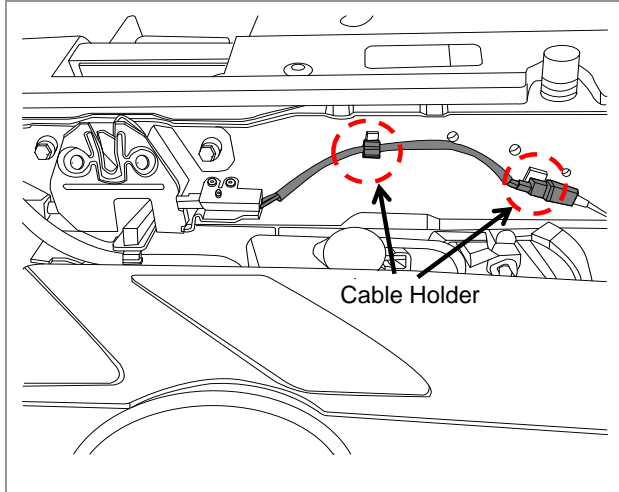
**25**


**Pliers, Ratchet, Torque Wrench, Extension and 10 mm Socket**


**NOTE**

1. Disconnect the coolant drain tube clip from hood latch bracket using pliers.
2. Using a ratchet, extension and 10 mm socket, remove the three (3) 10 mm bolts and remove the vehicle's hood latch, hood release cable and install the provided hood latch and switch assembly from the kit.
3. Using a torque wrench, extension and 10 mm socket, reinstall the bolts removed in step above and tighten to 9~10.8N.m (0.7~1.1kgf.m, 5.1~8.0 lb.ft).
4. Reconnect coolant drain tube clip.

**If latch is not properly installed and torqued to specification, hood may open suddenly while driving and could cause an accident.**




	Wire Cutter	26
NOTE	<ol style="list-style-type: none"> <li>1. Reinstall the hood latch release cable to the kit hood latch assembly.</li> <li>2. Attach cable holder clips to core support as shown above.</li> <li>3. Adjust harness as necessary and tighten all loose fitted cable ties in steps: 20, 21, 22 and 23.</li> <li>4. Trim off excess cable ties with wire cutters.</li> </ol>	

		27
NOTE	<ol style="list-style-type: none"> <li>1. Reconnect the negative battery cable.</li> <li>2. Test LOCK/UNLOCK function using Factory Key FOB.</li> <li>3. Get in the vehicle with O.E Smart Key, press foot brake and push START button to start engine.</li> <li>4. Push START button of vehicle within five seconds to stop engine and then exit the vehicle.</li> <li>5. Close all doors, trunk and hood.</li> <li>6. Test LOCK/UNLOCK function using Remote Start KEY FOB.</li> <li>7. Test remote engine start using Remote Start KEY FOB.</li> </ol> <ol style="list-style-type: none"> <li>1. If vehicles not responding, you should carefully re-check all wiring connections, especially Antenna wiring, Main Control Module connection and Relay module (BS900) connection per the Troubleshooting Section on page 12.</li> </ol>	




























**Reinstall all panels in reverse order of removal.**

**Please refer to step 6 for torque specification for the four (4) knee bolster bolts.**



	Torque Wrench	28
NOTE		

## KIA Genuine Accessories Function Check








### 1. Basic function checklist

Items To Be Checked	Results Of The Check
 1. Press  button one time (All doors, hood & trunk are closed)	1. Remote Lock LED flash, vehicle signal lights flash once and <b>All doors</b> will lock.
 1. Press  button 2 times 2. Press  button 2 more times	1. Remote Unlock LED flash, vehicle signal light flash twice and <b>Driver's door</b> will unlock. 2. Remote Unlock LED flash, vehicle signal light flash twice and <b>All doors</b> will unlock.
 1. Press  button one time 2. Then within 3 seconds, press and hold  button until Remote Key LED flashes.	1. Remote Lock LED flash vehicle signal light flash once and <b>All doors</b> will lock. 2. Remote key LED will flash, the engine will crank and start within 5 seconds and the vehicle signal light flash twice after Engine Start.
 1. Press  button 2 times <b>(After starting engine with remote)</b> 2. Press  button 2 more times <b>(After starting engine with remote)</b>	1. Remote Unlock LED flash, vehicle signal light flash twice and <b>Driver's door</b> will unlock. 2. Remote Unlock LED flash, vehicle signal light flash twice and <b>All doors</b> will unlock.
 1. Press  button one time <b>(After starting engine with remote)</b>	1. Remote Lock LED flash, vehicle signal light flash once and <b>All doors</b> will lock.
 1. Press and hold  button for 2 seconds <b>(After starting engine with remote)</b>	1. Remote Key LED flash, the Engine will shut down.
 1. Open any door <b>(After starting engine with remote)</b>	1. The Engine will shut down after 30 seconds from door opening.
 1. Open trunk <b>(After starting engine with remote)</b>	1. The Engine will shut down after 50 seconds from trunk opening.
 <b>SMART KEY</b> 1. Press  LOCK button 2. Press  button or  button within 3 seconds of  Lock button press and hold for 2 seconds.	1. Vehicle signal light flash once and <b>All doors</b> will lock. 2. Engine will crank and start within 5 seconds, vehicle signal light flash twice after Engine Start.
 <b>SMART KEY (After starting engine with remote)</b> 1. Press  button 2. Press Press  button one more time 3. Press  button or  button	1. Vehicle signal lights flash twice and <b>Driver's door</b> will unlock. 2. Vehicle signal lights flash twice and <b>All doors</b> will unlock. 3. The Engine will shut down.

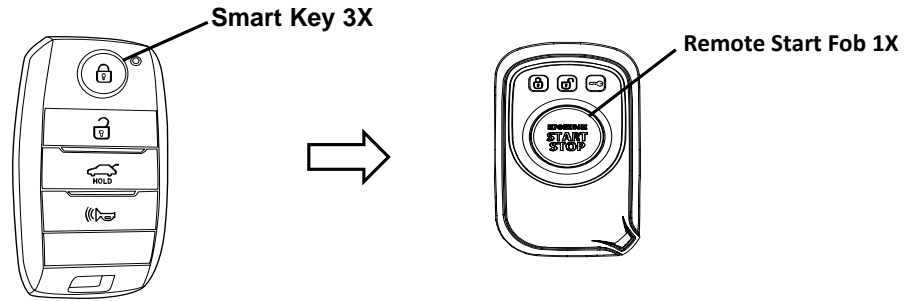
### 2. Valet mode setting checklist

Items To Be Checked	Results Of The Check
 Valet mode * Vehicle Condition ① Engine off ② IGN ON ③ Press and hold brake pedal 1. Press and hold  button for 2 seconds	<ul style="list-style-type: none"> <li>■ Valet mode ON - Signal lights flash ONCE</li> <li>■ Valet mode OFF - Signal lights flash TWICE</li> </ul> <p>Note : When the system is in the valet mode, the remote starter will not start the engine.</p> <p>Note : The remote will still lock and unlock the vehicle in Valet mode</p> <p>Note : Each time you press the button for 2-seconds, option is toggled.</p> <p>Note : Default is "Valet mode OFF."</p>

## KIA Genuine Accessories Troubleshooting

Issue / Concern	Item To Be Checked
	The vehicle does not LOCK when using the Remote Start Key Fob.
	<ul style="list-style-type: none"> <li>■ Check the vehicle status.               <ul style="list-style-type: none"> <li>① Engine is OFF</li> <li>② ACC is OFF</li> <li>③ All Doors are Closed</li> <li>④ Hood and Trunk are Closed</li> </ul> </li> </ul>
	The vehicle LOCKS, UNLOCKS, but does not START (no cranking sound).
	<ul style="list-style-type: none"> <li>■ Make sure the Valet mode is OFF. Please refer to Function Check, No.2 Valet Mode setting checklist.</li> <li>■ Improper button activation procedure. Please refer to Function Check, No.1 Basic function checklist.</li> <li>■ After verifying the Valet mode is OFF and the buttons are pressed correctly, If the vehicle still does not start, it might be an Installation Issue               <ul style="list-style-type: none"> <li>- Call the Technical Support number on page 1 for assistance.</li> </ul> </li> </ul>
	The vehicle LOCKS, UNLOCKS, but does not START and there is CRANKING sound from the engine.
	<ul style="list-style-type: none"> <li>■ Confirm the MDPS connection is correctly installed, please refer to step 11 for correct installation.</li> <li>■ Please check the battery in the vehicle.</li> <li>■ If the vehicle still does not start, it might be an Installation Issue               <ul style="list-style-type: none"> <li>- Call the Technical Support number on page 1 for assistance.</li> </ul> </li> </ul>
	The remote fob does NOT LOCK, UNLOCK, or START the vehicle. The LED lights light up when buttons are pressed.
	<ul style="list-style-type: none"> <li>■ The remote FOB is not pairing to the vehicle. Please see Remote Start Fob Pairing Procedure on page 13.</li> </ul>
	The LED light on the remote fob does not light up.
	<ul style="list-style-type: none"> <li>■ Change the batteries in the remote FOB. Please refer to the User's Guide for details.</li> </ul>
	Engine turns off when entering vehicle after starting engine with remote.
	<ul style="list-style-type: none"> <li>■ Vehicle will shut off after 30 seconds if brake and start button have not been activated as noted in the Owner's Guide. Please refer to Owner's Guide               <ul style="list-style-type: none"> <li>- Page 4. Remote Starting your Vehicle, Driving Off.</li> </ul> </li> <li>■ Verify vehicle start button is pressed within 3 seconds of brake activation.</li> <li>■ Verify the Smart Key is inside the vehicle</li> <li>■ Verify the Smart Key's battery is OK.</li> </ul>
	Hood does not latch properly while closed.
	<ul style="list-style-type: none"> <li>■ Loosen hood latch bolts, move latch up and retighten bolts.</li> </ul>

## KIA Genuine Accessories (Remote Start Fob Pairing Procedure)



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- 1) Open the driver's door and trunk.
- 2) Press button of **Smart Key** three (3) times within 5 seconds outside car (3-6 ft. from the car).
- 3) After step 2 within 5 seconds.  
Press button on the 1st Remote Start Fob one time.
- 4) After registering the 1st Remote Start Fob, within another 5 seconds,  
Press button on the 2nd Remote Start Fob one time.
- 5) Verify that both fobs are functioning correctly by performing lock/unlock function.

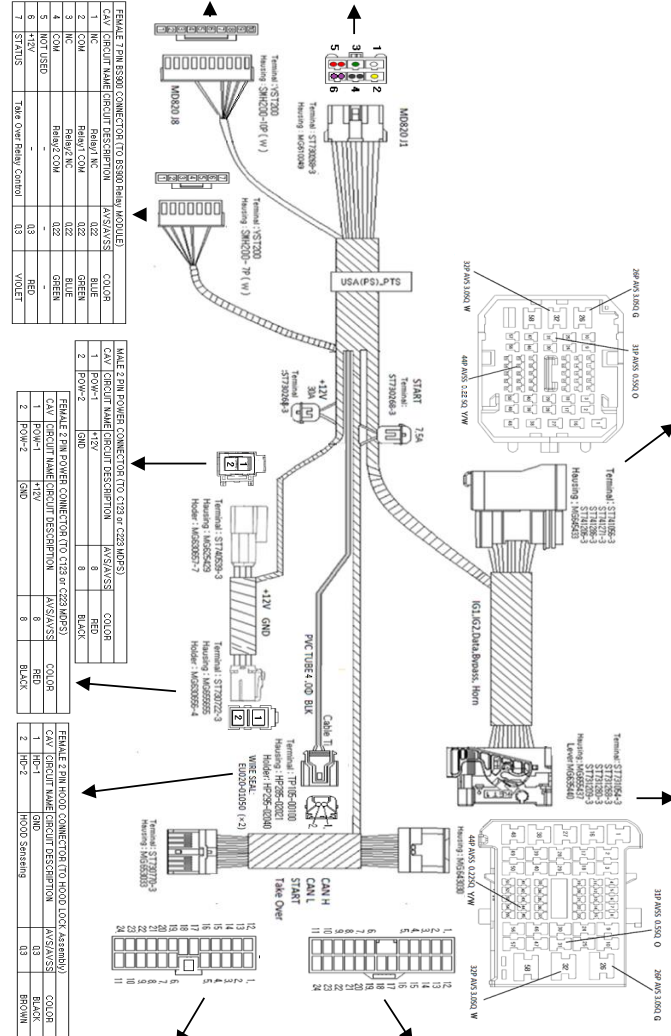
**Note:**

**System can recognize up to three (3) remotes, the kit includes two (2) remote FOBs.**  
**If any new Remote Start Fob for the replacement or additional 3rd Remote Start Fob is needed to be registered later, the registration procedure should be taken from the 1st Remote Start Fob again.**



MALE 39 PIN CONNECTOR TO MAIN CONTROL MODULE	CAV CIRCUIT NAME	CIRCUIT DESCRIPTION	AV/SV/SS	COLOR	CAV CIRCUIT NAME	CIRCUIT DESCRIPTION	AV/SV/SS	COLOR	
1	CH-1	EXTRA CIRCUIT	05	BLACK	31	CH-51	Data Manipulator Bypass	05	ORANGE
2	CH-2	EXTRA CIRCUIT	05	BLACK	32	CH-52	IS2 Output	05	WHITE
3	CH-3	EXTRA CIRCUIT	05	BLACK	33	CH-53	EXTRA CIRCUIT	022	BLACK
4	CH-4	EXTRA CIRCUIT	022	BLACK	34	CH-54	EXTRA CIRCUIT	022	BLACK
5	CH-5	EXTRA CIRCUIT	022	BLACK	35	CH-55	EXTRA CIRCUIT	022	BLACK
6	CH-6	EXTRA CIRCUIT	022	BLACK	36	CH-56	EXTRA CIRCUIT	022	BLACK
7	CH-7	EXTRA CIRCUIT	022	BLACK	37	CH-57	EXTRA CIRCUIT	022	BLACK
8	CH-8	EXTRA CIRCUIT	022	BLACK	38	CH-58	EXTRA CIRCUIT	022	BLACK
9	CH-9	EXTRA CIRCUIT	022	BLACK	39	CH-59	EXTRA CIRCUIT	022	BLACK
10	CH-10	EXTRA CIRCUIT	022	BLACK	40	CH-60	EXTRA CIRCUIT	022	BLACK
11	CH-11	EXTRA CIRCUIT	022	BLACK	41	CH-61	EXTRA CIRCUIT	022	BLACK
12	CH-12	EXTRA CIRCUIT	022	BLACK	42	CH-62	EXTRA CIRCUIT	022	BLACK
13	CH-13	EXTRA CIRCUIT	022	BLACK	43	CH-63	EXTRA CIRCUIT	022	BLACK
14	CH-14	EXTRA CIRCUIT	022	BLACK	44	CH-64	EXTRA CIRCUIT	022	BLACK
15	CH-15	EXTRA CIRCUIT	022	BLACK	45	CH-65	EXTRA CIRCUIT	022	BLACK
16	CH-16	EXTRA CIRCUIT	022	BLACK	46	CH-66	EXTRA CIRCUIT	022	BLACK
17	CH-17	EXTRA CIRCUIT	022	BLACK	47	CH-67	EXTRA CIRCUIT	022	BLACK
18	CH-18	EXTRA CIRCUIT	022	BLACK	48	CH-68	EXTRA CIRCUIT	022	BLACK
19	CH-19	EXTRA CIRCUIT	022	BLACK	49	CH-69	EXTRA CIRCUIT	022	BLACK
20	CH-20	EXTRA CIRCUIT	022	BLACK	50	CH-70	EXTRA CIRCUIT	022	BLACK
21	CH-21	EXTRA CIRCUIT	022	BLACK	51	CH-71	EXTRA CIRCUIT	022	BLACK
22	CH-22	EXTRA CIRCUIT	022	BLACK	52	CH-72	EXTRA CIRCUIT	022	BLACK
23	CH-23	EXTRA CIRCUIT	022	BLACK	53	CH-73	EXTRA CIRCUIT	022	BLACK
24	CH-24	EXTRA CIRCUIT	022	BLACK	54	CH-74	EXTRA CIRCUIT	022	BLACK
25	CH-25	EXTRA CIRCUIT	022	BLACK	55	CH-75	EXTRA CIRCUIT	022	BLACK
26	CH-26	IG1 Output	3	GREEN	56	CH-76	EXTRA CIRCUIT	022	BLACK
27	CH-27	EXTRA CIRCUIT	128	BLACK	57	CH-77	EXTRA CIRCUIT	05	BLACK
28	CH-28	EXTRA CIRCUIT	05	BLACK	58	CH-78	EXTRA CIRCUIT	05	BLACK
29	CH-29	EXTRA CIRCUIT	05	BLACK	59	CH-79	EXTRA CIRCUIT	05	BLACK
					60	CH-80	EXTRA CIRCUIT	05	BLACK

FEEMALE 2 PIN POWER CONNECTOR TO MAIN CONTROL MODULE	CAV CIRCUIT NAME	CIRCUIT DESCRIPTION	AV/SV/SS	COLOR
1	IGN-1	IGNITION	2	WHITE
2	IGN-2	IGNITION	2	YELLOW
3	IGN-3	IGNITION	2	GREEN
4	IGN-4	IGNITION	2	RED
5	IGN-5	IGNITION	2	RED
6	IGN-6	IGNITION	2	VIOLET



MALE 24 PIN CONNECTOR TO US&P (REAR CONTROL MODULE)	CAV CIRCUIT NAME	CIRCUIT DESCRIPTION	AV/SV/SS	COLOR
1	CS1-1	EXTRA CIRCUIT	03	BLACK
2	CS1-2	EXTRA CIRCUIT	03	BLACK
3	CS1-3	EXTRA CIRCUIT	03	BLACK
4	CS1-4	EXTRA CIRCUIT	03	BLACK
5	CS1-5	EXTRA CIRCUIT	03	BLACK
6	CS1-6	EXTRA CIRCUIT	03	BLACK
7	CS1-7	EXTRA CIRCUIT	03	BLACK
8	CS1-8	EXTRA CIRCUIT	03	BLACK
9	CS1-9	EXTRA CIRCUIT	03	BLACK
10	CS1-10	EXTRA CIRCUIT	03	BLACK
11	CS1-11	EXTRA CIRCUIT	03	BLACK
12	CS1-12	EXTRA CIRCUIT	03	BLACK
13	CS1-13	EXTRA CIRCUIT	03	BLACK
14	CS1-14	EXTRA CIRCUIT	03	BLACK
15	CS1-15	EXTRA CIRCUIT	03	BLACK
16	CS1-16	EXTRA CIRCUIT	03	BLACK
17	CS1-17	EXTRA CIRCUIT	03	BLACK
18	CS1-18	EXTRA CIRCUIT	03	BLACK
19	CS1-19	EXTRA CIRCUIT	03	BLACK
20	CS1-20	EXTRA CIRCUIT	03	BLACK
21	CS1-21	EXTRA CIRCUIT	03	BLACK
22	CS1-22	EXTRA CIRCUIT	03	BLACK
23	CS1-23	EXTRA CIRCUIT	03	BLACK
24	CS1-24	EXTRA CIRCUIT	03	BLACK

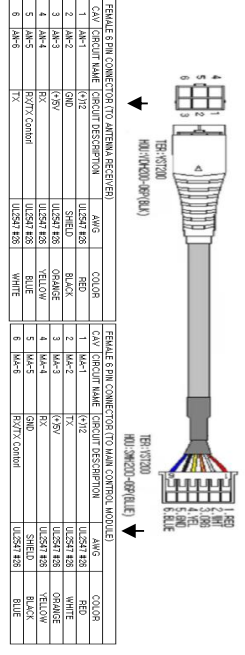
FEEMALE 2 PIN POWER CONNECTOR TO MAIN CONTROL MODULE	CAV CIRCUIT NAME	CIRCUIT DESCRIPTION	AV/SV/SS	COLOR
1	IGN-1	IGNITION	2	WHITE
2	IGN-2	IGNITION	2	YELLOW
3	IGN-3	IGNITION	2	GREEN
4	IGN-4	IGNITION	2	RED
5	IGN-5	IGNITION	2	RED
6	IGN-6	IGNITION	2	VIOLET

FEEMALE 7 PIN ES800 CONNECTOR TO ES800 REAR MODULE	CAV CIRCUIT NAME	CIRCUIT DESCRIPTION	AV/SV/SS	COLOR
1	IGN-1	IGNITION	022	BLUE
2	IGN-2	IGNITION	022	BLUE
3	IGN-3	IGNITION	022	BLUE
4	IGN-4	IGNITION	022	GREEN
5	IGN-5	IGNITION	022	GREEN
6	IGN-6	IGNITION	022	RED
7	IGN-7	IGNITION	022	VIOLET

MALE 2 PIN POWER CONNECTOR TO CH3A (C28H WPS)	CAV CIRCUIT NAME	CIRCUIT DESCRIPTION	AV/SV/SS	COLOR
1	IGN-1	IGNITION	8	BLACK
2	IGN-2	IGNITION	8	BLACK

FEEMALE 2 PIN HOOD CONNECTOR TO HOOD LOCK ASSEMBLY	CAV CIRCUIT NAME	CIRCUIT DESCRIPTION	AV/SV/SS	COLOR
1	IGN-1	IGNITION	03	BROWN
2	IGN-2	IGNITION	03	BROWN

FEEMALE 2 PIN HOOD CONNECTOR TO HOOD LOCK ASSEMBLY	CAV CIRCUIT NAME	CIRCUIT DESCRIPTION	AV/SV/SS	COLOR
1	IGN-1	IGNITION	03	BROWN
2	IGN-2	IGNITION	03	BROWN



## Remote Start Wiring Schematic (Wiring Side View)