

Vehicle Model Sorento 4 Cyl **Tow Hitch Harness Kit** Accessory 2014~ Model Year Difficulty (B) Part No. 1U061 ADUS1

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

Instructional Symbols / Definitions

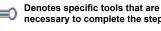


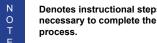
Denotes warnings that may lead to serious physical injury or vehicle damage.

Denotes cautions to be taken to avoid physical injury or electronic



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





necessary to complete the step. **Denotes instructional steps**

Rubber Gloves

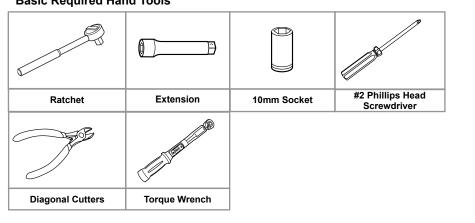


Denotes safety equipment required to be

used such as a mask, goggles, rubber

gloves, and hearing protection.

Basic Required Hand Tools



Vehicle Lift **Test Light or Voltmeter Fish Wire**

Specialty Required Tools:

Notes to the Installer:

Read the entire installation pamphlet prior to beginning the installation of the accessory.

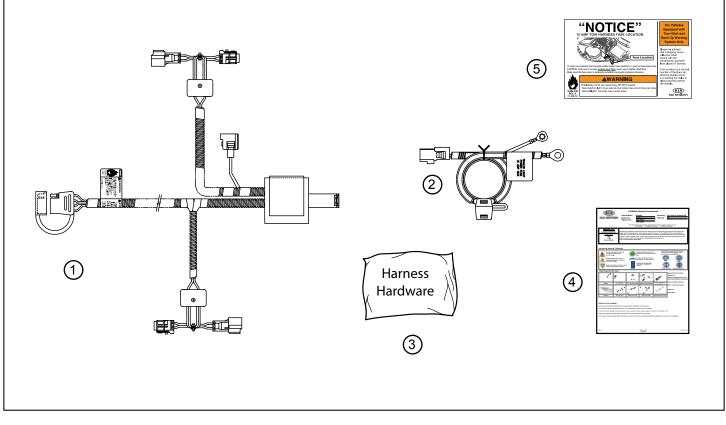
Ensure that the vehicle is properly protected in the area that the accessory is to be installed.

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 to include gloves and eye protection when required.

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

Kit Overview



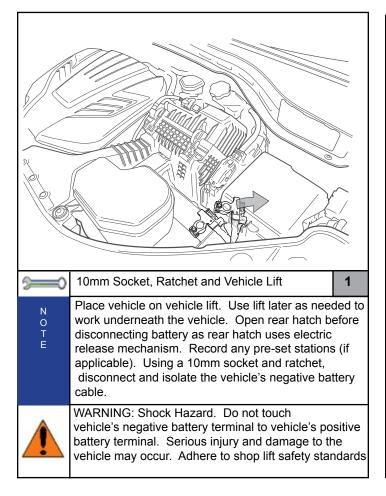
No.	Qty.	Description	
1	1	Tow Harness	
2	1	Power Harness	
3	1	Harness Hardware	
4	1	Instructions	
5	1	Fuse Location Card	

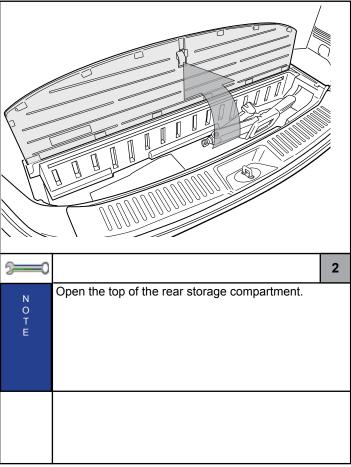
Harness Hardware Kit Overview

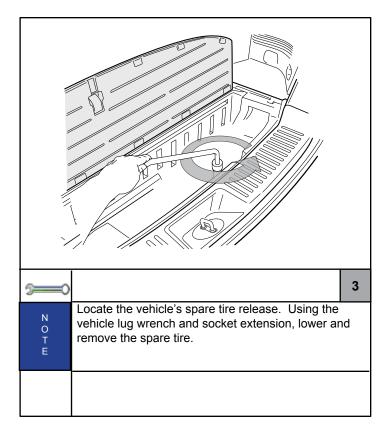
A		В		с		D		Е		F	
19*	Cable tie, 8.5"	1	Cable tie, 14"	2*	Foam Pad	2	Push Mount Cable Tie	1	M6 Stud Mount Cable Tie	1	M6 Bolt

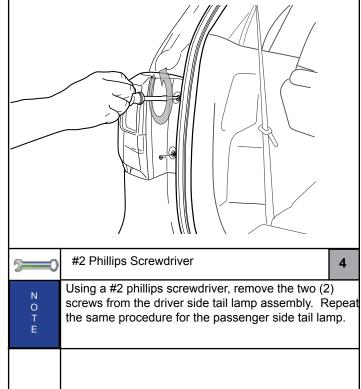
* Extra components intentionally placed in kit as spares. Please follow direction for proper placement of each component.

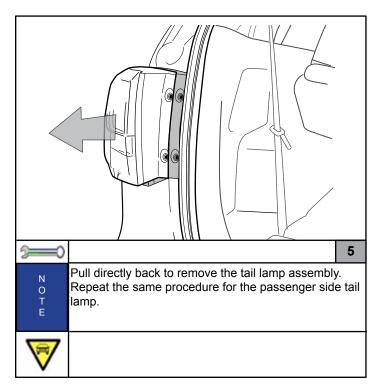
Hardware Kit Total	
26	

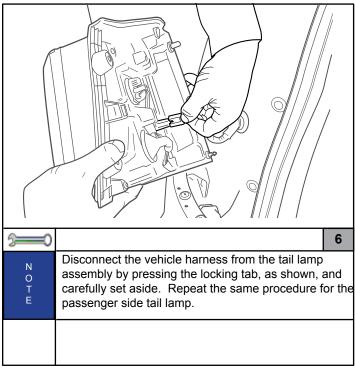


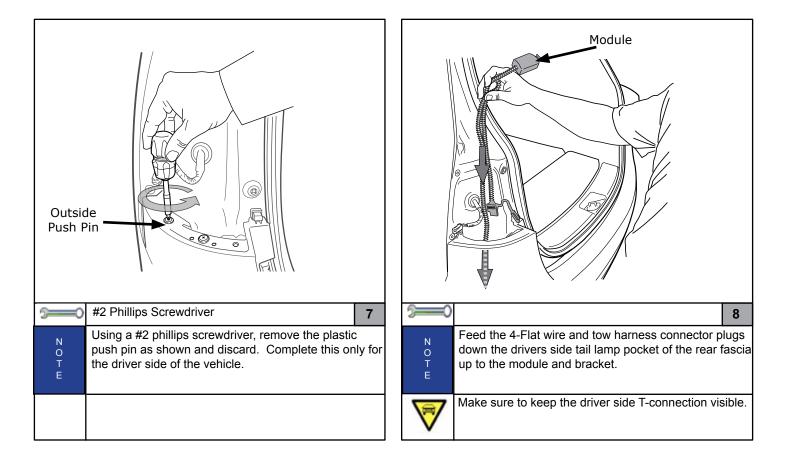


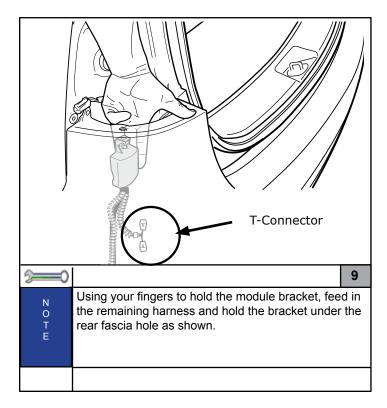


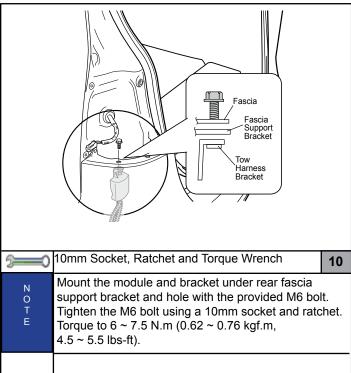


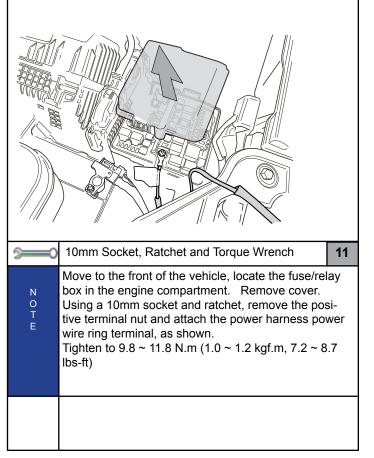


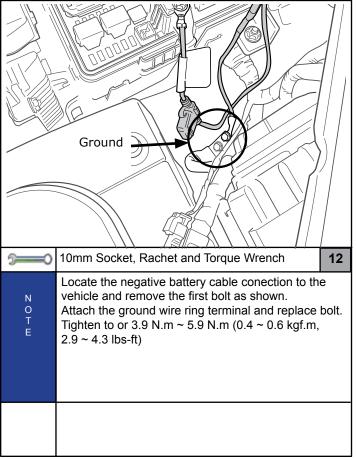




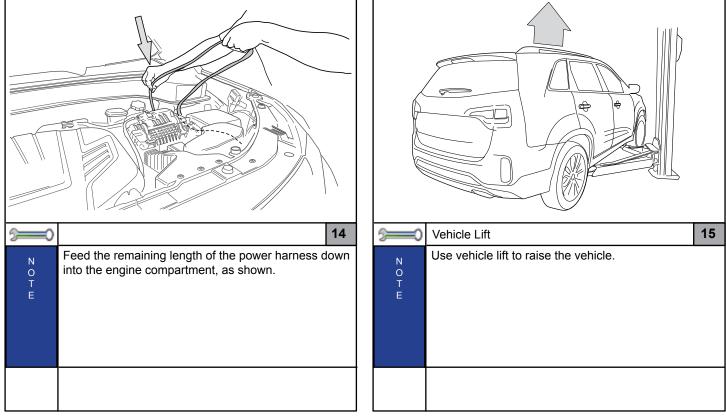




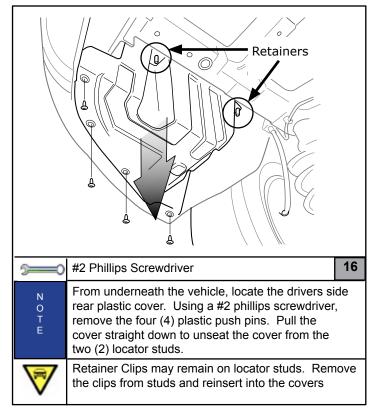


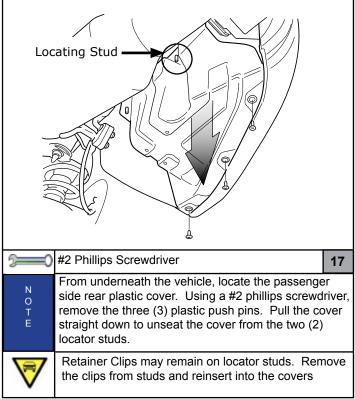


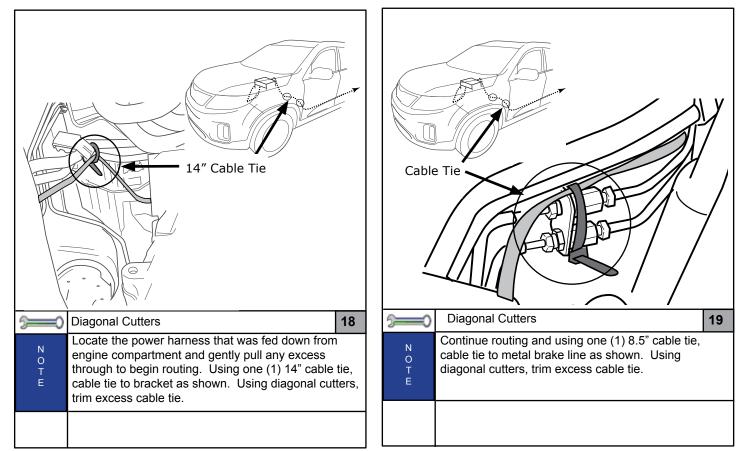
	Cable Tie		Close Up of Cable Tie
		Cable Tie	
200	Diagonal Cutters		13
	oute power harness wire along the left side of the fuse/re hown. Using diagonal cutters, trim excess cable ties.	elay box. Use two (2) 8.5" cable ties to sec	cure in the locations as

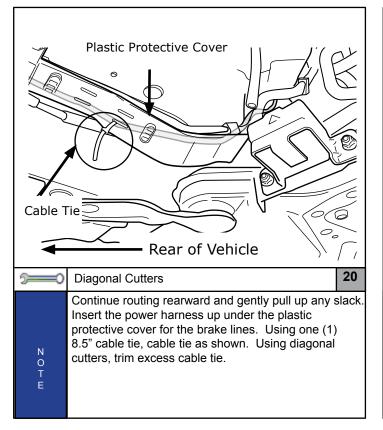


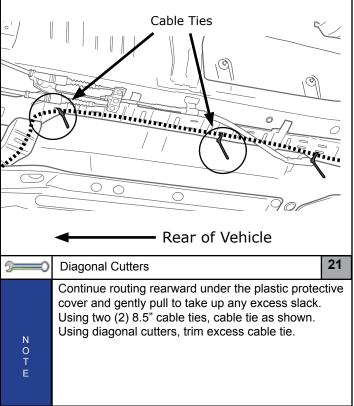
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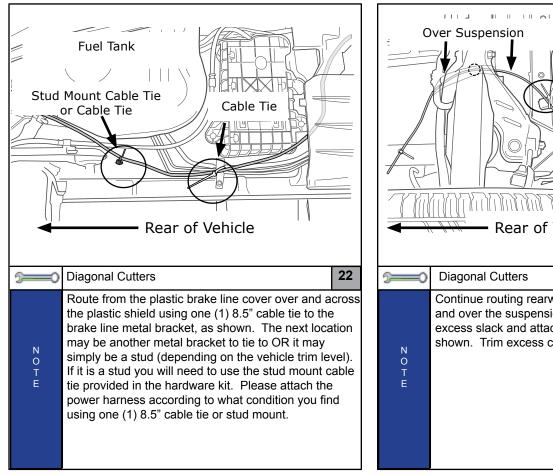












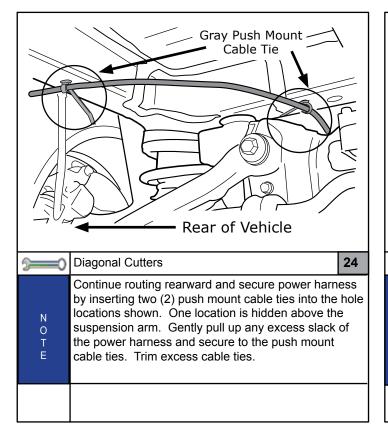
 Cable Tie
 Fuel Tank

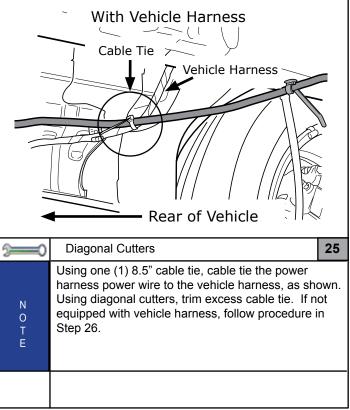
 Over Filler Hose
 Over Filler Hose

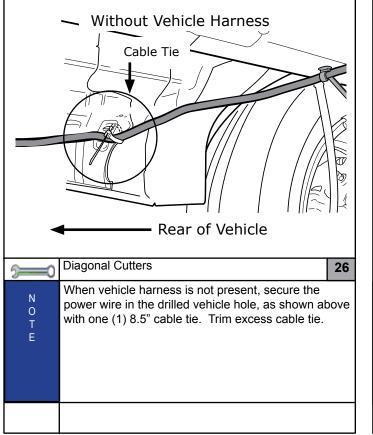
 Rear of Vehicle
 23

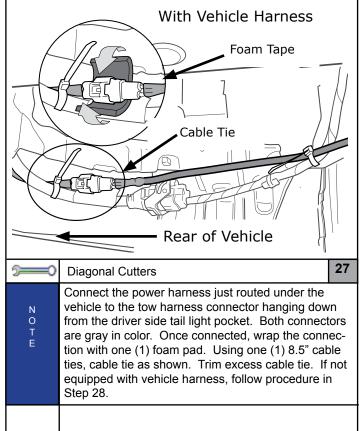
 Diagonal Cutters
 23

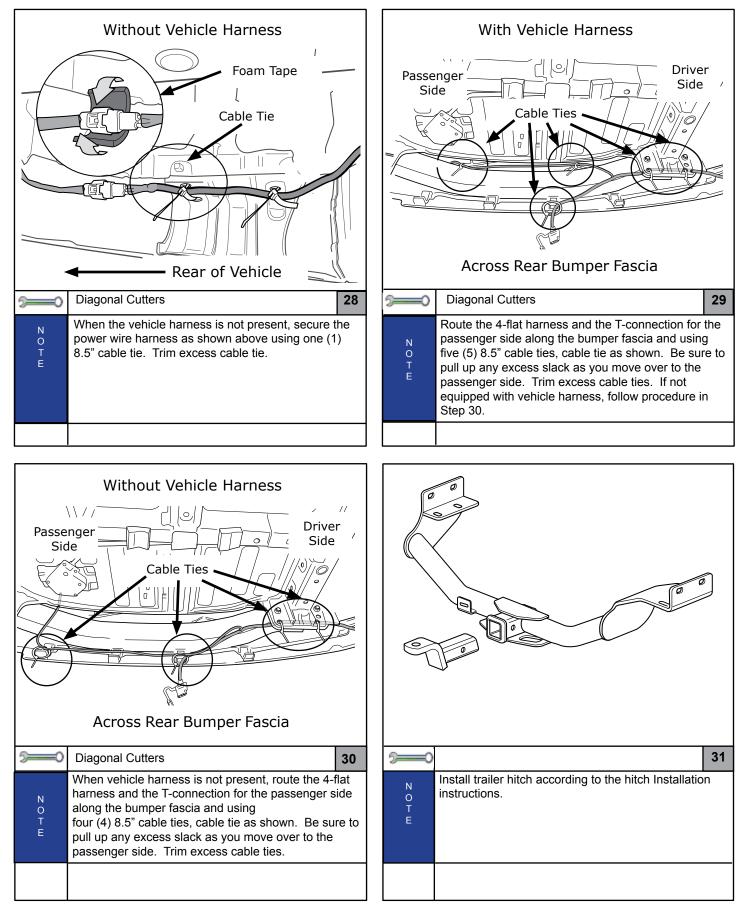
 Continue routing rearward over the fuel tank filler tube and over the suspension arm as shown. Take up any excess slack and attach using one (1) 8.5" cable tie as shown. Trim excess cable tie.

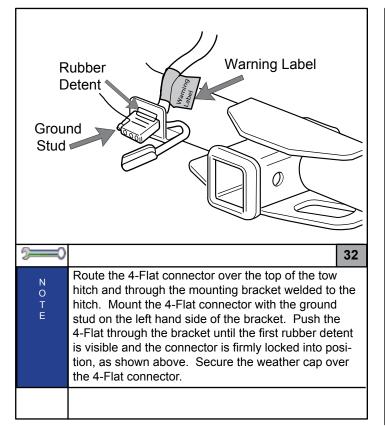


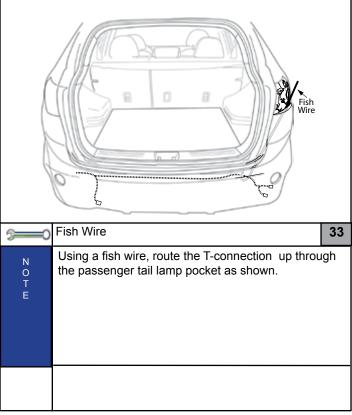


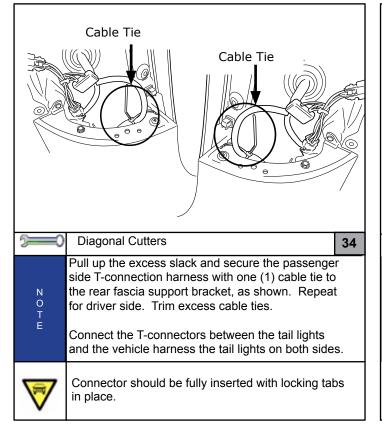


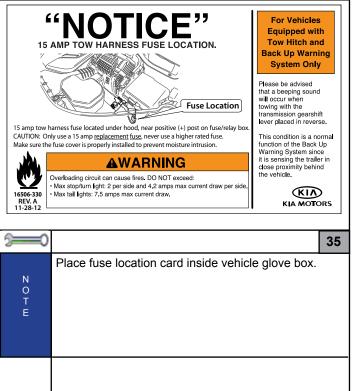








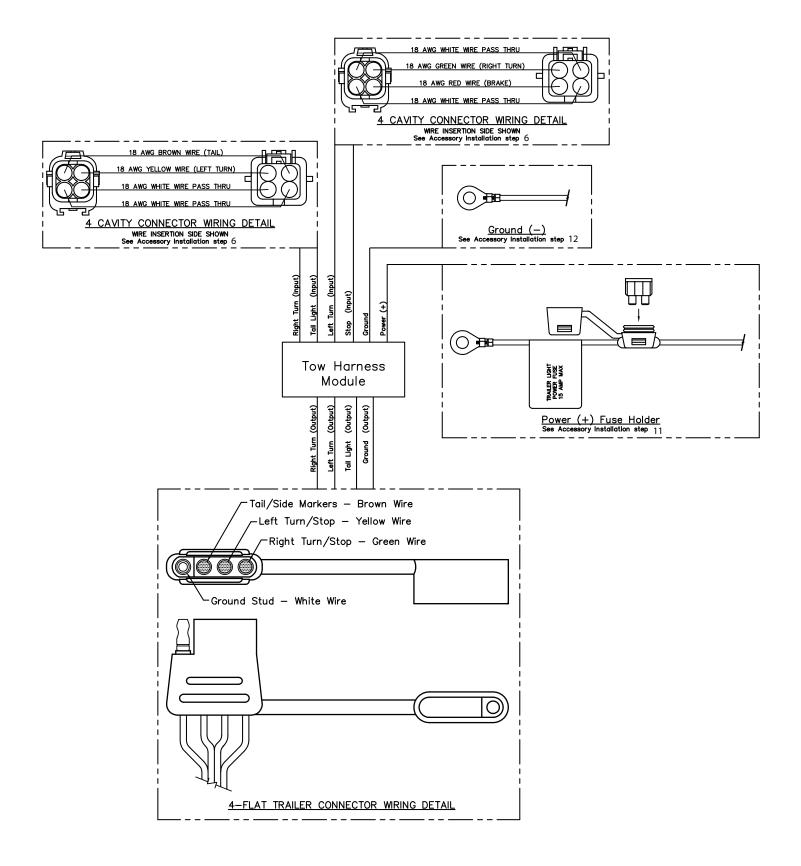




200	Ratchet and 10mm Socket 36				
N O T E	Reconnect Battery. Replace rear tail lamp removed in step 5 and 6. Perform function check on Page 14. Reassemble vehicle following the reverse order of step 2-11. Place receiver plug, ball mount kit, pin and clip under the cargo floor board in the cargo storage compartment.				

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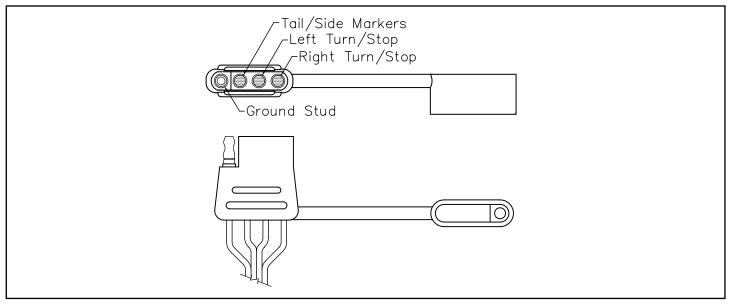
KIA Genuine Accessories Wiring Layout



KIA Genuine Accessories Function Check

-Tail/Side Markers -Left Turn/Stop -Right Turn/Stop Ground Stud					
£	Test Light or Voltmeter 1				
N O T E	Test and verify installation with a test light. Turn ignition off & ensure all vehicle lights are off for 10 seconds prior to testing. For vehicles with smart key applications, push button to turn the ignition completely off for 10 seconds prior to testing Turn on ignition.				

Items To Be Checked	Results of the Check		
Test 4-Flat Connector marker light circuit.	Tester should illuminate/sound when the vehicle lights are activated. Verify vehicle lights are functioning normally.		
Test 4-Flat Connector brake light circuit.	Tester should illuminate/sound when the vehicle brakes are activated. Verify vehicle lights are functioning normally.		
Test 4-Flat Connector right turn signal circuit.	Tester should illuminate/sound when the right turn signal is activated. Confirm correct operation when combined with vehicle brake lights also. Verify vehicle lights are functioning normally.		
Test 4-Flat Connector <u>left turn signal</u> circuit.	Tester should illuminate/sound when the left turn signal is activated. Confirm correct operation when combined with vehicle brake lights also. Verify vehicle lights are functioning normally.		
Test 4-Flat Connector hazard indicator circuit.	Tester should illuminate/sound when the hazard indicator is activated. Verify vehicle lights are functioning normally.		



KIA Genuine Accessories Visual Check

Items To Be Checked	Results of the Check
All connectors are fully inserted with locking tabs engaged. Connection points have been wrapped with foam tape.	Connections secure.
Tow harness has been properly secured under ve- hicle. There should be no slack. Harness should be routed as far away from exhaust system as possible.	Properly routed.
Negative battery terminal has been reassembled.	Connection secure.
The Fuse Location Notice Card has been placed in vehicle glove box.	Fuse Location Notice Card in glove box.
Verify storage compartment is in place and secure.	In place and secure.
Reset the AM/FM and satellite radio frequencies, if applicable.	Frequencies confirmed.
The spare tire is reinstalled and seated properly.	Properly seated in the original location & is not crooked or misaligned.
Reinstall muffler hangers.	Properly secured.

Troubleshooting

Items To Be Checked		
No Power to 4-Flat Connector:	Instruction Ref.	
Check trailer wiring harness 15 amp fuse per Fuse Location Notice Card.	Installation step 35	
No Power to trailer light functions: Check 4-Fat	Instruction Ref.	
connection between tester and vehicle to make sure the connection is fully engaged.	N/A	
No Power to trailer light functions: Check all	Instruction Ref.	
connections points. Connectors should be fully inserted with locking tabs in place.	Installation steps 11, 12, 27, 28, 34 & 36	