



**KIA MOTORS**

**INSTALLATION INSTRUCTIONS**  
**KIA PART #: 9999730UM06**  
**2016+ SORENTO TRAILER WIRING HARNESS**

READ AND FOLLOW ALL WARNINGS AND INSTALLATION INSTRUCTIONS BEFORE BEGINNING THE INSTALLATION. WEAR SAFETY GLASSES AND USE ALL SAFETY PRECAUTIONS DURING THE INSTALLATION.

**WARNING**

**Maximum Load:**

Overloading the circuit can cause fires. Do not exceed the following:

- Stop / Turn light: 4.2 amps per side (50W)
- Tail light: 7.5 amps (90W)

Read vehicle's owner's manual and instruction sheet for additional information.

**Wire Routing:**

Carefully route the wire and avoid hot pipes, heat shields, fuel tank and any other points that may pinch or break the wire.

**Testing:**

All connectors must be corrected for the system to function properly. Test and verify installation with a test light or trailer. Vehicle's electrical system can be reset by temporarily removing the key from the ignition.

**Tools required:**

			
Eye Goggles	Cutter Pliers.	Phillips Screwdriver	Test Light

# CONTENT LIST:

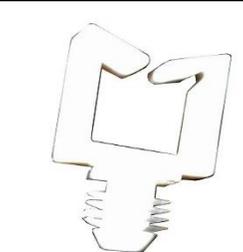
1 X Wire harness



6 X Nylon straps



1 X 15A spare fuse



2 X Harness clips



1 X Dielectric grease



1 X E 1 X F Installation instructions

# INSTALLATION PROCEDURE



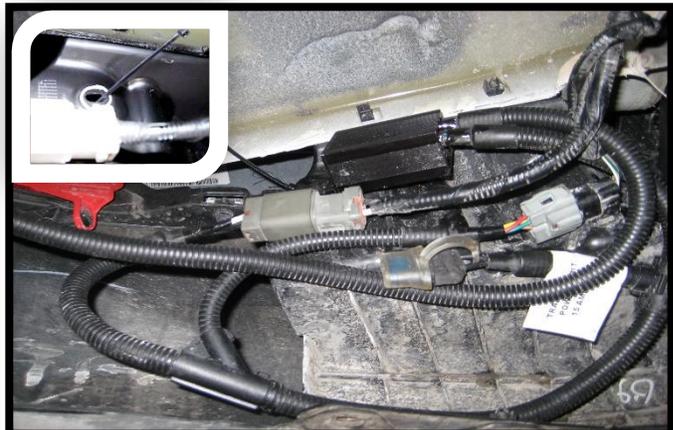
1. Remove 4 plastic retainers and then remove the driver side rear plastic undercover.



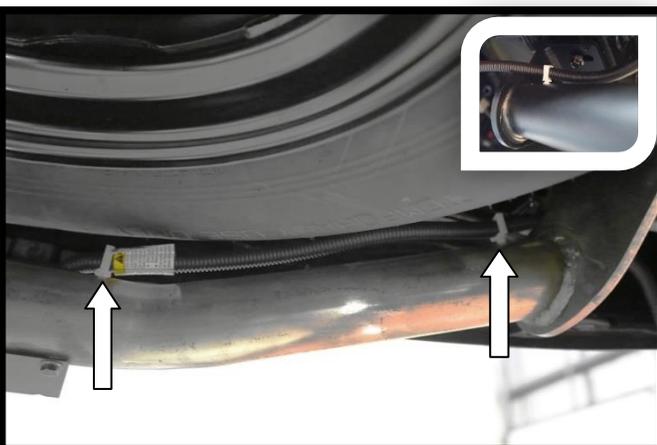
2. Remove the dummy protection connectors. Locking tab for connector A is located at the back. Locking tab for connector B is located at the top.



3. Plug in the trailer wiring harness's power line (2-pin) and signal line (4-pin) connectors to the corresponding connectors on the vehicle.



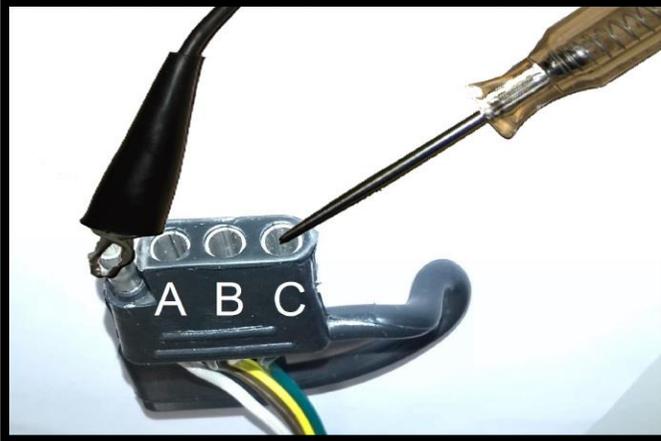
4. Locate a secure place to store the main control unit. Fasten the extra wire harness and control unit with nylon straps. Ensure the fuse is secured and accessible.



5. Insert the wire into the 2 harness clips. Lead the wire along with the hitch and plug in to the hitch hole.



6. Insert the output connector (4-pin) into the wire holder on the hitch. Apply dielectric grease to the connector



7. Test the unit with a test tool or installed on a trailer to make ensure all signals are working properly.

Terminal A: Tail light (night light)

Terminal B: Left turn (also served as brake signal)

Terminal C: Right turn (also served as brake signal)



8. Reinstall the undercover.

**Periodic inspections for damages and hazards is recommended to ensure safe operation.**