



# SPORTAGE

## Trailer Hitch Wire Harness Installation Procedure 2005MY – P/N UP050 AY116

**Genuine  
Accessories**

### Kit Contents:

- |                             |                         |
|-----------------------------|-------------------------|
| 1 x Harness Assembly        | 2 x Screw               |
| 4 x Tie Strap – 8.5"        | 2 x Nut/Washer Assembly |
| 2 x Tie Strap – 14"         |                         |
| 1 x Flat 4 Mounting Bracket |                         |

### Required Tools:

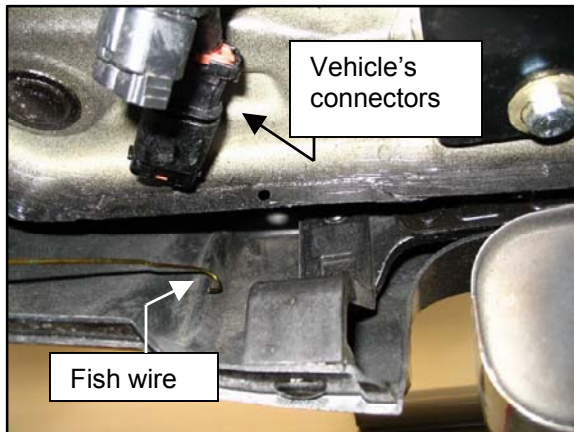
- Safety Glasses
- Fish Wire
- 10mm Wrench
- 90° Screw Driver or Phillips
- Wire Cutters

### Preparation:

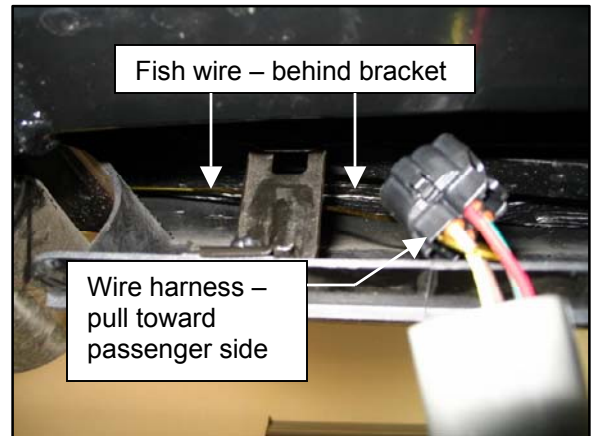
1. Kia Motors America, Inc. recommends professional installation by an authorized retailer. Read all instructions thoroughly prior to installation. Ensure all parts are included in kit.
2. Place vehicle on lift to facilitate installation.
3. Disconnect and isolate the vehicle's negative battery terminal.

### Installation:

1. From vehicle's undercarriage (rear passenger side) locate the two connectors the harness will plug into.
2. Take fish wire and route into bumper cover, from left to right, around tailpipe cut out and support brackets (Photo 1 & 2).

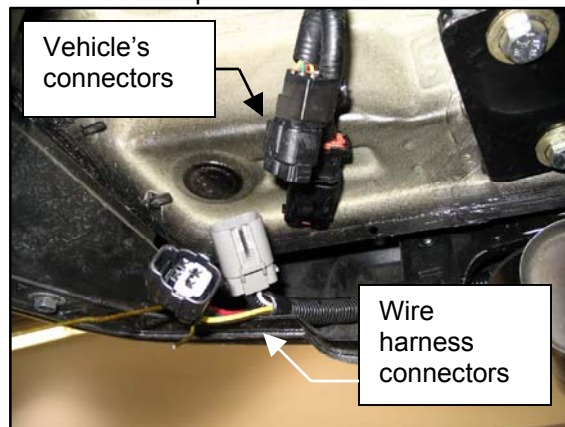


**Photo 1**



**Photo 2**

3. Attach harness (two connectors) to fish wire and carefully pull toward passenger side (Photo 2 & 3).
4. Plug harness into connectors found in step 1.



**Photo 3**



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### Installation Continued:

5. Continue to route harness in bumper cover, behind support brackets, toward trailer hitch bracket (Photo 4).



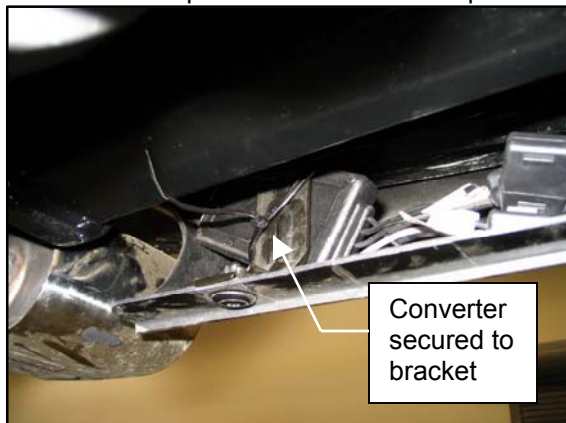
**Photo 4**

6. Attach flat 4 mounting bracket to trailer hitch, using the provided screws and nuts.
7. Route flat 4 connector through opening at backside of trailer hitch bracket. Push flat 4 connector through mounting bracket past first detent (Photo 5). Reconnect battery terminal and test trailer lights.



**Photo 5**

8. Secure harness and converter to bumper cover brackets with provided tie straps (Photo 6).



**Photo 6**