



## **43975 - Vehicle Wiring Installation Instructions**

### ***Kia Rondo 2007-2009***

### ***Kia Soul 2010-13***

1. Open the rear lift gate. On the driver and passenger sides of the vehicle, remove three screws holding each of the taillight assemblies. Carefully pull the taillights away from the vehicle being careful not to damage the alignment pins.
2. On the driver's and passenger sides of the vehicle, locate the vehicle's taillight wiring harness. The taillight wiring harness will have a connection point, on both sides, matching the ends of the Hopkins® T-connector with converter module. Separate both connectors, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt.
3. On the driver's side, insert the T-Connector end, with the yellow wire, between the vehicle wiring connectors and lock into place. Ensure that the connectors are fully inserted with locking tabs in place.
4. Route the harness containing the green wire and the 4-flat down the opening behind the taillight on the driver's side. Route harness containing the green wire across and underneath the vehicle up through the opening behind the passenger's side taillight. Caution: Make sure to avoid areas that could cut, pinch, or burn the wires when routing the harness across the vehicle.
5. On the driver's side, secure the converter module in the taillight area.
6. Locate a suitable position on the vehicle frame close to the connector to attach the converter's white wire with the ring terminal. Drill a 3/32" hole and attach the white wire to the vehicle using the screw provided. Caution: Do not drill into any exposed surfaces or through the vehicle body exterior.
7. Attach the red power feed wire provided by crimping the blue butt splice on to the converter module assembly. Route the red power feed wire out of the rear driver side underneath the vehicle, and secure along underside of vehicle routing it to the vehicle battery securing it as needed with ny-ties (provided.) Route the wire being careful to avoid any hot pipes, heat shields, the fuel tank or any other points that may pinch or break the wire.
8. Install the fuse assembly with the blue butt splice onto the red 14 ga. power feed wire crimping the blue butt splice to hold it in place.
9. Attach the fuse assembly blue ring terminal to the positive 12VDC battery cable clamp bolt.
10. Reinstall the taillight assemblies, screws and any other items that were removed in the installation process. Position the vehicle wiring harness between the housing and the vehicle body. Use caution not to pinch or cut any wires. Secure any loose wires under the bumper with ny-ties.
11. Route the 4-way flat harness to either side of the receiver hitch and secure it with ny-ties (provided).
12. Attach the 4-way flat dust cover (provided) to the 4-way flat connector.
13. Apply a small amount of grease (provided) to the 4-way flat terminals to prevent corrosion.
14. Plug completed wire harness into the trailer 4-way flat connector.
15. Test all functions with the engine running to ensure proper operation.

#### **TIPS:**

Grease applied to the trailer wiring terminals on a regular basis will help prevent corrosion.

A heavy duty flasher may be required to eliminate rapid flashing.

Always unplug boat trailer connector before backing trailer into the water.

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