



## **42415 - Vehicle Wiring Installation Instructions**

### ***Chrysler Pacifica 2004-2008***

1. Open the tailgate and remove the vehicles taillight assemblies driver and passenger side by removing the two 10mm hex head bolts on each side. Carefully pry the taillight housings away from the vehicle, being careful not to break the alignment tabs.
2. With the vehicle wiring and grommets exposed, remove and slit the grommet on the drivers side. With a utility knife cut from the hole where the vehicle wiring passes through the grommet to the outside edge vertically from its installed position. Unwrap the tape around the grommet tabs, or cut the tabs off the grommet that hold it to the wires.
3. With grommet pulled away from vehicle, on the Driver's side, locate the 2-pin housing. Plug the mating Hopkins® T-Connector end to this plug and route remaining wires through the grommet.
4. Slide the red locking tab on the vehicle harness connectors to the unlocked position and disconnect the wire harness from both taillight sockets. Plug the T-Connector containing the yellow wire in between the mating plug on the Driver's side taillight socket and vehicle wiring harness.
5. On the Driver's side, route the T-Connector end with green wire, and the 4-flat end out through the hole between the vehicle bumper and body. Route the T-Connector end with green wire to the passenger's side and route the 4-flat underneath the bumper to the receiver hitch. Route T-Connector end with green wire up through the opening on the passenger side, being careful to avoid areas that could damage wiring.
6. Route the red power feed wire out of the lower rear driver side compartment underneath the vehicle, and secure along underside of vehicle routing it to the vehicle battery securing it as needed with ny-ties (provided).
7. Install the fuse assembly with the yellow butt splice onto the red 12 ga. power feed wire crimping the yellow butt splice to hold it in place.
8. Attach the fuse assembly yellow ring terminal to the positive 12VDC battery cable clamp bolt.
9. Push all of the existing vehicle wiring back into the grommet hole and seat the grommet back into the hole and tuck the remainder of wiring in-between the bumper fascia or under the bumper. Leave only the housing plugging into the taillight assembly outside of the grommet.
10. Replace any trim panels or air baffles removed during installation. Reinstall the taillight housings, positioning the wire harness between the housing and the vehicle body. Secure the remainder of the T-Connector harness under the bumper with ny-ties. Be careful to avoid any areas that would cut or pinch the wire.
11. Route the 4-way flat harness to either side of the receiver hitch and secure it with ny-ties.
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 wiring terminals on a regular basis will help prevent corrosion.

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

**Need Help? (English Only)**  
**1-800-835-0129**  
**techsupport@hopkinsmfg.com**  
**www.hopkinstowingsolutions.com**