



## 42155 - Vehicle Wiring Installation Instructions Dodge Journey 2009

1. Open rear tailgate and remove the vehicle's right side taillight assembly by removing the two clips holding the taillight in place. Carefully pry the housing away from the vehicle, being careful not to break the alignment tabs. Repeat for the vehicle's left side taillight assembly.
2. On the Driver's side, disconnect the vehicle wiring harness from the taillight connector. Plug the Hopkins® T-Connector end with the yellow wire in-between the mating plugs on the driver's side taillight connector and vehicle wiring harness.
3. On the Driver's side, disconnect the other taillight connector from the vehicle wiring harness. Plug the Hopkins® T-Connector end with the red wire in-between the mating plugs on the driver's side taillight connector and vehicle wiring harness.
4. On the driver's side, route the T-Connector end with the green wire and 4-flat down the opening below the taillight on the driver's side. Route the 4-flat to the center of the vehicle. Route harness containing the green wire underneath the vehicle and up through the opening below the passenger's side taillight. Plug the Hopkins® T-Connector end with the green wire in-between the mating plugs on the passengers side taillight connector and vehicle wiring harness.
5. Secure the converter module assembly in the driver's side taillight housing area with ny-ties (provided).
6. Locate a suitable grounding point near the converter module to attach to vehicle's frame. Clean dirt and rustproofing from area in order to make good contact to metal. Drill a 3/32" hole and secure white wire ring terminal with self drilling screw (provided.) (Do not drill into vehicle exterior surfaces.) Verify what is behind any surface prior to drilling to avoid damage to the vehicle and / or personal injury.
7. Attach the red power feed wire (provided) by crimping the yellow butt splice on to the converter module assembly. Route the red power feed wire down thru the hole below the taillight and along the exterior frame underneath the vehicle to the vehicle battery, and secure along underside of vehicle with ny-ties (provided) as needed. 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 yellow butt splice (provided) onto the red 12 ga. power feed wire crimping the yellow butt splice to hold it in place.
9. Attach the fuse assembly yellow ring terminal to the positive 12VDC battery cable clamp bolt.
10. Reinstall the taillights and any other items removed during installation.
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.
16. **Caution:** Overloading circuit can cause fires. Don't exceed lower of towing manufacturer rating or :  
Max. Stop/turn light: 2 lamps per side (4.2 amps)  
Max. Tail lights: (7.5 amps)  
Read vehicle's owners manual & instruction sheet for additional information.

### 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)**  
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