



## 43585 - Vehicle Wiring Installation Instructions

### Nissan NV Van 2012 - 2014

1. Open rear door and locate the vehicle jack storage compartment on the passenger's side. Remove jack and panels on both driver's and passenger's side.
2. On the driver and passenger sides of the vehicle, locate the vehicle's taillight wiring harnesses. The taillight wiring harness will have a connection point, on both sides, matching the ends of the Hopkins® T-Connector. Disconnect and separate the connector on the driver's side, being careful not to damage the connector locking tabs. Attach the Hopkins® T-Connector from the converter module with the yellow wire to the matching driver side connector. Attach T-Connector's being careful not to damage the connector locking tabs.
3. On the driver's side route the T-Connector end with the green wire under the threshold plate across to the passenger's side taillight assembly. Attach the Hopkins® T-Connector from the converter module with the green wire to the matching passenger side connector. Attach T-Connector's being careful not to damage the connector locking tabs.
4. Route the 4-flat under the driver's side trim panel to center of vehicle.
5. On the driver's side locate and secure the T-Connector black converter module with ny-ties (provided) to prevent damage or rattling and being careful to avoid areas that would cut or pinch the wire.
6. Locate a suitable grounding point near the converter module. Clean dirt, paint and rust proofing from area. Drill a 3/32" hole and secure white wire with ring terminal using screw (provided.) Verify what is behind any surface prior to drilling to avoid damage to the vehicle and /or personal injury. Do not drill into any exposed exterior surfaces.
7. Attach the red power feed wire provided by crimping the yellow butt splice on 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 yellow butt splice, 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. Re-install access panels, jack, etc. Be careful to avoid any areas that would cut or pinch the wire.
11. Route the 4-wire flat connector to near the center of the rear door opening. The 4-way flat connector can now be laid on the flat surface to the right or left of the door latching mechanism so that it will let the 4-wire flat hang out undamaged from under the rear door when closed for towing. Stow 4-flat connector in van when not in use.
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)**

**1-800-835-0129 or [techsupport@hopkinsmfg.com](mailto:techsupport@hopkinsmfg.com)**

**[www.hopkinstowingsolutions.com](http://www.hopkinstowingsolutions.com)**