



42485 - Vehicle Wiring Installation Instructions

Jeep Liberty 2008 – 2009

Dodge Nitro 2007 – 2009

1. Open the tailgate and remove the vehicles taillight assemblies on the driver and passenger side by removing the two clips holding them into place. Carefully pry the taillight housings away from the vehicle, being careful not to break the alignment tabs.
2. Disconnect the vehicle wiring harness from both taillight sockets. Plug the Hopkins® T-Connector end with the yellow wire in-between the mating plugs on the Driver's side taillight socket and vehicle wiring harness.
3. On the drivers side, route the T-Connector end with the green wire and the wire with the 4-way flat connector down through the opening between the vehicle bumper and body. Route the T-Connector end with green wire to the passenger's side and route the 4-way flat underneath the bumper. Route T-Connector end with green wire up through the opening on the passenger side, being careful to avoid any hot pipes, heat shields, the fuel tank or any other points that may pinch or damage the wire.
4. Locate a suitable grounding point near the connector. (Do not drill into vehicle floor or bed.) Clean dirt, paint and rust proofing from area. Drill a 3/32" hole and secure white wire with ring terminal using screw provided. Do not drill into any exposed surfaces.
5. Disconnect the vehicle's Negative (-) battery cable.
6. Route the red power feed wire out of the lower 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).
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. Reconnect the vehicle's Negative (-) battery.
9. Secure all loose wiring behind the taillight assembly on the driver's side.
10. Reinstall the taillight housing assemblies, 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.