



42274 - Vehicle Wiring Installation Instructions

Chrysler 200, Dodge Avenger 2011

1. Open the trunk to remove the vehicles taillight assemblies. Remove both taillights by removing the plastic wing nuts holding each in place. They are located on both sides inside the trunk. Carefully pry the housings away from the vehicle, being careful not to break the alignment tabs.
2. On the driver side of the vehicle, locate and disconnect the vehicles driver side wiring harness connector from the taillight assembly, being careful not to damage the connector locking tabs. Route the Hopkins® T-Connector from the converter module with the yellow wire to the matching taillight connector. Attach T-Connector being careful not to damage the connector locking tabs.
3. On the driver's side, route the T-Connector end with green wire down thru the opening below the taillight assembly and behind the bumper to the passenger side. Route T-Connector end with the green wire up through the opening below the taillight assembly and attach in-between the mating plugs on the passenger side taillight assembly.
4. Route the 4-way flat harness below the driver side taillight assembly to either side of the receiver hitch and secure it with ny-ties. (provided)
5. On the drivers 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 the would cut or pinch the wire. **Caution:** Be sure not to mount the module under the vehicle exposed to the elements as prolonged exposure to moisture could damage it.
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 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 taillights and any other items removed during installation. Be careful to avoid any areas that could cut or pinch the wire.
11. Attach the 4-way flat dust cover (provided) to the 4-way flat connector.
12. Apply a small amount of grease (provided) to the 4-way flat terminals to prevent corrosion.
13. Plug completed wire harness into the trailer 4-way flat connector.
14. Test all functions with the engine running to ensure proper operation.
15. **Caution:** Overloading circuit can cause fires. Don't exceed lower of towing manufacturer rating or :
Max. Stop/turn light: (3 amps each side)
Max. Tail lights: (6 amps)
Read vehicle's owner's 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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