



42435 - Vehicle Wiring Installation Instructions

Chrysler PT Cruiser 2001 - 2010

1. Open the lift gate to remove the vehicle's taillight assemblies. Remove the T-30 Torx screws and carefully pry the taillight housings rearward away from the vehicle, being careful not to break the alignment tabs.
2. On the passenger side of the vehicle, locate and disconnect the vehicles driver side wiring harness connectors from the taillight assembly, being careful not to damage the connector locking tabs. Route the Hopkins® T-Connectors from the converter module with the green and red wires to the matching taillight connectors being careful not to damage the connector locking tabs.
3. On the driver's 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.
4. On the passenger side, route the T-Connector end with the yellow wire down thru the opening below the taillight assembly and behind the bumper to the driver side. Route T-Connector end with the yellow wire up through the opening below the taillight assembly and attach in-between the mating plugs on the driver side taillight assembly.
5. Route the 4-way flat harness below the passenger side taillight assembly to either side of the receiver hitch and secure it with ny-ties. (provided)
6. On the passenger side locate and secure the T-Connector black converter module and tee connectors behind the taillight assembly with ny-ties (provided) to prevent damage or rattling and being careful to avoid areas the would cut or pinch the wire.
7. 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.
8. Attach the red power feed wire provided by crimping the yellow butt splice on to the converter module assembly. (Note: when attaching the feed wire to at both ends strip the feed wire back 1/2" to 5/8" & double over on itself. Insert folded wire into yellow butt splice and then crimp.) This will assure the butt splice has a good connection when crimped. Route the red power feed wire along 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.
9. Install the fuse assembly with the yellow butt splice onto the red 14 ga. power feed wire crimping the yellow butt splice to hold it in place. (Repeat item 8 note before attaching to fuse assembly yellow butt splice.)
10. Attach the fuse assembly yellow ring terminal to the positive 12VDC battery cable clamp bolt.
11. Reinstall the taillights and any other items removed during installation. Being careful to avoid any areas that would cut or pinch the wire.
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: (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)

1-800-835-0129
techsupport@hopkinsmfg.com
www.hopkinstowingsolutions.com