



40265 - Vehicle Wiring Installation Instructions

Mazda 5 2006 -12, Mazda CX-9 2007-2010

1. Open rear lift gate and fold rear seat forward. Remove threshold, trunk floor panels and trays. Set aside all items removed. On both sides of the vehicle, remove cargo loops and Phillips head screws so that the trim panels can be carefully pulled away from the vehicle.
2. On the driver side, locate the vehicle's taillight wiring harness. Disconnect and separate the connectors, 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 connector. Attach T-Connector's being careful not to damage the connector locking tabs.
3. Next route the T-connector containing the green wire below the threshold cover to the passenger's side taillight housing. Attach the Hopkins® T-Connector from the converter module with the green wire to the matching connector. Attach T-Connector's being careful not to damage the connector locking tabs.
4. Route the 4-flat through the driver's side trim panel into storage compartment on the threshold and store there when not in use. When in use pull 4-flat through the door.
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 threshold, trunk floor panels, trays, trim, 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 lift gate opening. The 4-way flat connector can now be laid on the flat surface to the right or left of the lift gate latching mechanism so that it will let the 4-wire flat hang out undamaged from under the lift gate door when closed for towing. Stow 4-flat connector in rear cargo area 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)
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