



## **40235 - Vehicle Wiring Installation Instructions**

### **Mazda MPV 2000-06**

### **Mazda Miata MX-5 1999-2005**

1. Open the rear hatch. Remove the vehicles rear scuff fascia panel. On the driver's side remove the vehicles two plastic pushpins from the rear trim panel, cargo anchor hooks, and jack storage cover. Repeat on the passenger's side.
2. On the Driver's side carefully pull back on the rear trim panel to access the back side of the vehicles taillight wiring harness connected to the back of the taillight assembly. Separate the connectors making sure not to damage the locking tabs. Insert the Hopkins® T-Connector end with the yellow wires in-between the separated housings making sure the locking tabs are in place.
3. On the driver's side, route the T-Connector end with green wire to the passenger side along the backside of the rear storage compartment under the removed rear scuff fascia panel. Insert the T-Connector end with the green wire in-between the separated housings on the passenger's side.
4. On the driver's side, locate and secure the T-Connector black converter box with ny-ties (provided) to prevent damage or rattling and being careful to avoid areas that would cut or pinch the wires.
5. Locate a suitable grounding point near the black converter module to attach to vehicle's frame. Clean dirt, paint and rust proofing from area. Drill a 3/32" hole and secure white wire with ring terminal using self tapping screw (provided). Verify what is behind any surface prior to drilling to avoid damage to the vehicle. Do not drill into any exposed surfaces.
6. Attach the red power feed wire (provided) by crimping the yellow butt splice on the black converter box assembly. Route the red power feed wire to the vehicle battery, and secure to vehicle with ny-ties (provided) as needed. 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.
7. Install the fuse assembly with the yellow butt splice (provided) onto the red 12 ga. power feed wire crimping the yellow butt splice to hold it in place.
8. Attach the fuse assembly (provided) with yellow ring terminal to the positive 12VDC battery cable clamp bolt.
9. Route the 4-flat wire out from under the rear trim panel. Route the 4-flat wire to the center of the vehicle and out the rear hatch when in use. When not in use roll up and store in an out of the way location in the rear storage compartment.
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.

#### **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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