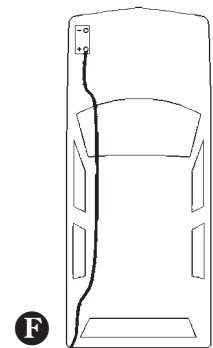
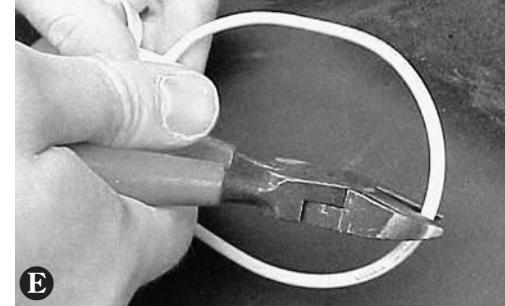
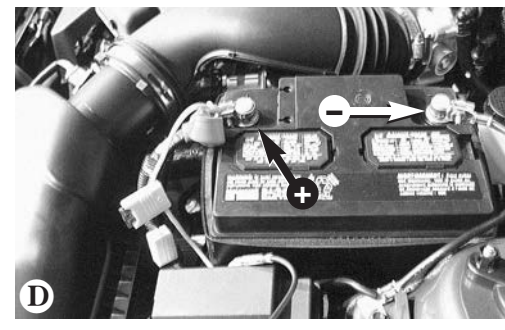
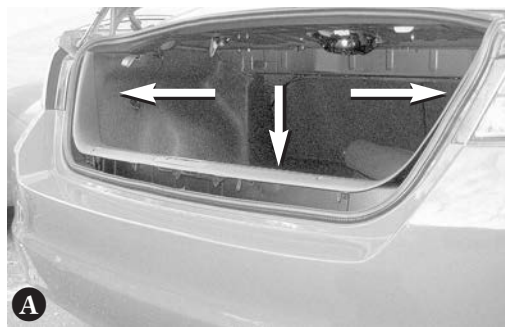


Installation Instructions

T-Connector



Mazda MAZDA6



TOOLS NEEDED:

Wire Cutters, Trim Panel Remover, Drill (3/32" Drill Bit), Philips Head Screwdriver, Test-probe, Wire Crimpers

1. Open trunk and remove threshold panel **A**. Partially remove the corner felt trunk liner, on both sides, exposing the vehicle's taillight wiring harness **B**.
2. On the driver and passenger sides of the vehicle, locate the vehicle's taillight wiring harness. The taillight wiring harness will have a connection point, on both sides, matching the ends of the T-Connector **B**. Separate this connector, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt.
3. On the driver's side, insert the T-Connector end, with the **yellow** wire, between the vehicle wiring connectors and lock into place. On the driver's side, insert the T-Connector end, with the **brown** and **red** wire, between the vehicle wiring connectors and lock into place. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place.
4. Route the connector containing the **green** wire down the threshold to the passenger side of the vehicle **C**.
5. Repeat step 3 for the passenger's side using the T-Connector containing the **green** wire.

6. Locate a suitable grounding point near the connector. Clean dirt and rustproofing from the area. Drill a 3/32" hole and secure the **white** wire using the eyelet and screw provided. (Do not drill into vehicle floor or bed. Do not drill into any exposed surfaces.)
CAUTION
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 surfaces.
7. Disconnect the vehicle's Negative (-) battery cable **D**. If not removed, remove the fuse from the yellow fuse holder (provided). After cutting the fuse holder wire **B**, attach the ring terminal and secure to the vehicle's Positive (+) battery cable **D**. Connect the other end of the fuse holder to the **black** 12 ga. wire, using the yellow butt connector (provided).
CAUTION
Read and follow all warnings and cautions printed on the tow vehicle's battery.
8. Route the **black** wire out of the engine compartment and to the rear driver's side of the vehicle **F**. Connect the other end of the **black** 12 ga. wire to the **red** power wire located on the T-Connector's black box, using the **yellow** butt connector (provided).
WARNING
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. Reconnect the vehicle's Negative (-) battery cable and install the 10 amp fuse into the fuse holder from step 7 **D**.
WARNING
All connections must be complete for the T-Connector to function properly. Test and verify installation with a test light or trailer once installed. For initial test, reset vehicle electrical system by temporarily removing the key from the ignition.
10. On the driver's side, mount the T-Connector black box using the double-sided tape provided. Secure the remainder of the T-connector harness with the cable ties provided, to prevent damage or rattling and being careful to avoid any areas that would cut or pinch the wire.
11. Reinstall the taillight housing assemblies, positioning the vehicle wiring harness between the housing and the vehicle body.
12. Mount the 4-Flat end in an accessible location with a bracket or electrical box (not included).
WARNING
Overloading circuit can cause fires. DO NOT exceed lower of towing manufacturer rating or:
 - Max. stop/turn light: 1 per side (2.1 amps)
 - Max. tail lights: (5.6 amps)Read vehicle's owners manual & instruction sheet for additional information.