

T-Connector Wiring Kit

INSTALLATION INSTRUCTIONS

Fits: 2000-Current Chrysler PT Cruiser

Kit Includes:

- (1) Wiring Harness with 4-Flat Connector
- (8) 6" Cable Tie
- (1) 15" Cable Tie
- (1) Ring Terminal
- (1) #10 Ground Screw
- (1) Primary Lead Wire
- (1) Butt Connector
- (1) Fuse Holder
- (1) 10 Amp Fuse

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1. Read instructions thoroughly before beginning.

Tools Required: (3/8 drive ratchet, Socket 10mm, or Combination Wrench 10mm, Drill, 3/32" Drill Bit, Small Screwdriver, Wire Crimpers, Wire Cutters, Torx T-30 Driver or Socket, Fish Tape or Stiff Wire)

2. Remove both taillight assemblies by using a Torx T-30 driver or socket to remove the Torx head screw on the front of the vehicle taillight assembly. Carefully pull the taillight assembly directly rearward to remove, while being careful not to damage the locking tabs. Separate the wiring connectors while being careful not to break the locking tabs and set aside.

3. Beginning on the passenger's side, plug the taillight connectors that match the T-Connector assembly. Inspect the connectors for dirt and debris and clean if necessary.

Plug the Gray two wire T-Connector containing the **Green** wire into the vehicle harness connectors also plug the Black three wire T-Connector containing the **Brown** and **Red** wires until they lock into place. Take care not to damage the locking tabs.

4. Route the T-Connector containing the **Yellow** wire between the body and bumper to the driver's side taillight housing. Utilize the steel channel used for the bumper to fish the T-Connector through. Repeat (step 3) using the T-Connector ends containing the **Yellow** wire.

5. Locate an appropriate position on the vehicle frame to attach the White wire that has the ring terminal attached to it. Drill a 3/32" hole and attach the T-Connectors White wire with the ring terminal to the vehicle using the #10 screw provided.
Caution: Do not drill into any exposed surfaces or through the vehicle body.

6. Route 4-flat connector through the opening between the bumper and body while avoiding any areas that could cut, pinch or burn the wires. Use provided cable ties to attach 4-flat to the Trailer Hitch.

7. Disconnect the vehicle's Negative(-) battery cable.

8. Route the 12 gauge black wire from the battery compartment under the vehicle along the frame to the Black Converter Box (fig.3). Secure the wire to the vehicle using the cable ties provided.

Caution: When routing wire through metal or other sharp surfaces, always utilize an existing grommet, provide a grommet or insulate the wire from the hole with silicone rubber.

9. Strip 5/16" of the insulation from the end the inline fuseholder (included) and attach the 3/8" ring terminal using a crimping tool.

10. On the other end of the fuseholder strip 5/16" of the insulation and crimp the yellow butt connector provided and attach it to the 12 gauge black wire.

11. With the fuse **removed**, attach the 3/8" ring terminal to the vehicles positive(+) battery terminal (fig.4). Fig. 4 attach it to the 12 gauge black wire.

Warning: Do not attempt to connect the black power wire to the vehicle fuse panel or any other accessory wiring. Failure to connect directly to the vehicle battery could cause vehicle damage and/or trailer lighting failure.

12. At rear of the vehicle, strip 5/16" of insulation from the black 12 gauge wire and connect it to the black wire using the butt connector on the tail light converter.

13. Reattach the vehicle Negative(-) battery wire.

14. Place the 10 amp fuse into the fuse holder installed in Step 10.

15. Confirm correct operation with a test light or by using a trailer.

16. Secure all wires using cable ties provided. The T-Connectors black box should be secured on a flat clean area by using 2 sided tape provided.

17. Re-install all previously removed parts from the preceding steps.