

Installation Instructions

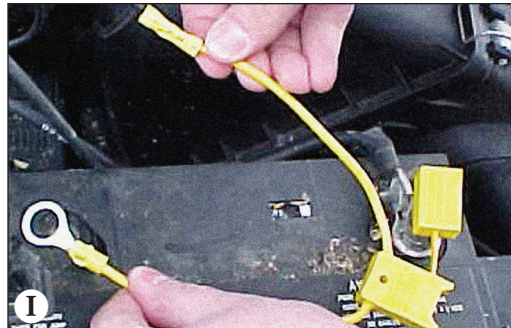
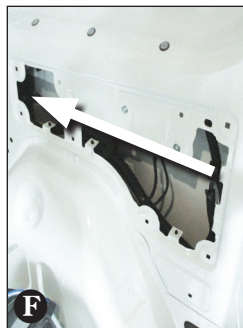
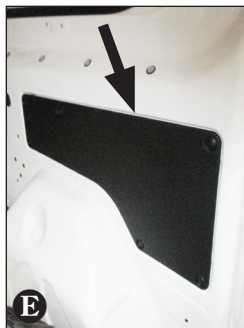
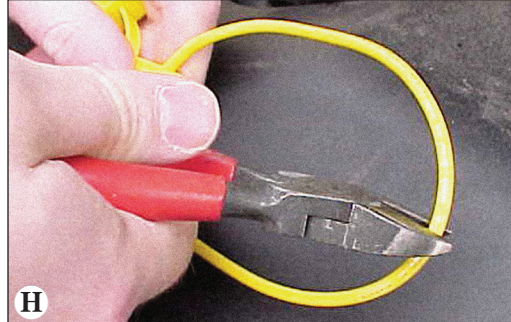
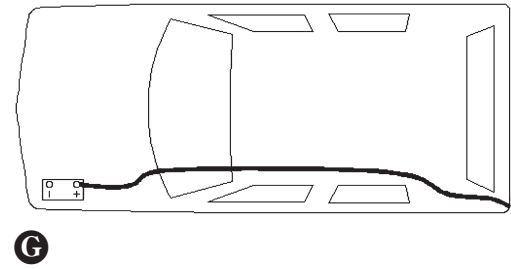
T-Connector



RAM Promaster City

READ THIS FIRST:

Read and follow all vehicle warnings and installation instructions before beginning installation. Wear safety glasses and use all safety precautions during installation.



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Rev. A

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ENGLISH

TOOLS REQUIRED:

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

1. Open rear door. Beginning on the driver's side Remove two bolts and carefully pry the taillight housings rearward away from the vehicle, being careful not to break the alignment tabs. Repeat on the passenger side (A 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. Separate this connector, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt (B).
 3. Beginning on the passenger side. Plug the T-Connector harness containing the **green** wire in between the vehicle's mating connectors.
 4. Route the harness containing the **yellow** wire behind the fascia and door hinge bracket. Continue by routing harness behind the fascia across the vehicle to the driver side. Hide the wire behind the top of the bumper fascia while routing. Once routed over to driver side, route wire behind fascia and door hinge bracket to the taillight pocket area (C D).
- ⚠ WARNING**
To prevent damage or rattling, be careful to avoid any areas that would cut or pinch the wire.
5. Repeat step 3 for T-Connector end with the **yellow** wire.

6. Locate a suitable grounding point near the connector. Drill a 3/32" hole and secure the **white** wire using the eyelet and screw provided. 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. On the passenger side, remove access panel to locate rear of taillight area. Route the 4-Flat through the access hole in the taillight pocket area and exit out through the area where the access panel was removed (E F).
8. Behind the taillight assembly on the passenger side, clean a flat area using a mixture of rubbing alcohol and water.
NOTE
Make sure that the tail light assembly can be reinstalled before mounting black box. Mount the black box in this area using the double-sided tape provided.
⚠ WARNING
Make sure module is mounted so that the epoxy side of the module is pointed towards the ground to prevent any water buildup.
9. On the passenger's side, locate the black 12 ga. power wire from the T-One® T-Connector box. Connect the other end of the **black** 12 ga. wire to the black power wire located on the T-Connector's black box, using the yellow butt connector (provided). Either route the **black** wire thru a grommet and along the exterior frame or follow the existing wiring along the thresholds into the engine compartment up to the battery avoiding areas that may pinch or break the wire (G).

10. Disconnect the vehicle's Negative (-) battery cable. If not removed, remove the fuse from the yellow fuse holder (provided). After cutting the fuse holder wire, attach the ring terminal and secure to the vehicle's Positive (+) battery cable. Connect the other end of the fuse holder to the **black** 12 ga. wire, using the yellow butt connector (provided) (H I).
- ⚠ WARNING**
Read and follow all warnings and cautions printed on the tow vehicle's battery.
11. 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 pinch, cut or melt the wire.
⚠ 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."
 12. Reinstall the taillight removed in step 1. Replace access panel removed in step 7. Store 4-Flat connector in rear cargo area when not in use.
- ⚠ WARNING**
Overloading circuit can cause fires. DO NOT exceed lower of towing manufacturer rating or:
- Max. stop/turn light: 2 per side (4.2 amps)
 - Max. tail lights: (7.5 amps)
- Read vehicle's owners manual & instruction sheet for additional information.