

T-Connector Wiring Kit

INSTALLATION INSTRUCTIONS

Fits: 2007 Dodge Avenger

Kit Includes:

- (1) Wiring Harness with 4-Flat Connector
- (8) 6" Cable Tie
- (1) 2 sided tape
- (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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INSTALLATION INSTRUCTIONS

1. Read instructions thoroughly before beginning.

2. Open the trunk remove (1 Push Style Clip) on each side of the trunk located by each taillight. Pull back felt liner to expose (2 plastic wing nuts) on each side remove wing nuts. Remove taillight assembly using a 11/16" Socket to depress the tabs on white clip that hold the taillight in place and pulling taillight assembly straight out. Note: Take care not to scratch vehicle paint when removing taillight assemblies.

3. Starting on the driver's side disconnect the taillight socket connectors that match the connectors on the T-Connector assembly by pulling the red locking tab back, take care not to break the locking tabs push down on locking tab to separate connectors. Inspect the connectors for dirt & debris and clean if necessary. Place the entire T-Connector assembly behind the vehicle bumper between the bumper and vehicle body Plug the connectors containing the (Yellow , Brown & White) wires into their respective mates.

4. Route the T-Connector containing the(Green, Brown & White) wires behind the vehicle bumper across and up to the passenger's side taillight harness, Repeat (step 3) for plugging procedure .

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 over to vehicle hitch and secure with cable ties provided.

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 fuseholderstrip 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. 4attach 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 clean flat surface or cable tie to vehicle frame.

17. Replace the taillights, plastic wing nuts, felt trunk liners to the original positions while replacing retaining clips also take care to return trunk gasket to its original position.