

# 56209 RAM PROMASTER

## WIRING LOCATION GUIDE



### MUST READ FIRST!

All steps must be followed to ensure correct function of the T-Connector. To verify proper installation once installed, test by connecting a test light or properly wired trailer.

1. Access the vehicle's wiring harness connectors in the cargo area behind the taillight at positions S3 and S4 as shown in the Wiring Location Guide.
2. Locate vehicle's battery under the floor panel on the driver's side. Remove the floor panel by turning the fasteners (A). Disconnect the negative battery terminal (B).
3. Open the rear cargo doors. Starting on the driver's side remove the (7) Phillips drive screws from the plastic cover to access the vehicle's taillight wiring harness (C). The connectors will be similar to those on the T-Connector. Separate the connector from the taillight housing taking care not to damage the locking tabs (D). Insert the T-Connector end with the yellow wire between the separated connectors (E). Make sure the connectors are fully inserted with locking tabs in place.

### WARNING!

Verify miscellaneous items that may be hidden behind or under any surface before drilling to avoid damage and/or personal injury.

4. Locate a suitable grounding point such as an existing screw with nut in the vehicle's frame or drill a 3/32" pilot hole for the provided screw. Clean the ground area of rust and dirt. Secure the white ground wire using the ring terminal and screw provided.
5. Route the T-Connector end with the green wire to the passenger side through the opening that runs up and over the rear cargo doors. Repeat Step 3 on the passenger's side using the T-Connector end with the green wire (F).
6. Inside the vehicle on the driver's side, locate a flat spot on the upper corner inside the rear cargo door frame to adhere the black converter box using the double-sided tape provided (G).
7. Starting on the back side of the driver's seat remove the Phillips drive screws from the plastic seat belt trim panel (H), and the trim around the driver's side seat and floor. Remove all the plastic trim panels (H,I,J,K,L).

8. Review the CME-PCL-INS instruction sheet (included). Route the black power wire starting at the converter box and route wire along the top of the driver's side cargo area and down along the frame located behind the driver's seat (M,N,O). Route power wire from the cargo area along the bottom of the driver's side seat frame (O,P,Q,R). Route power wire under floor panel section to battery (S).

### IMPORTANT!

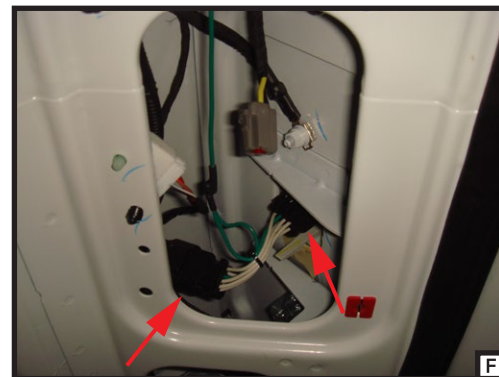
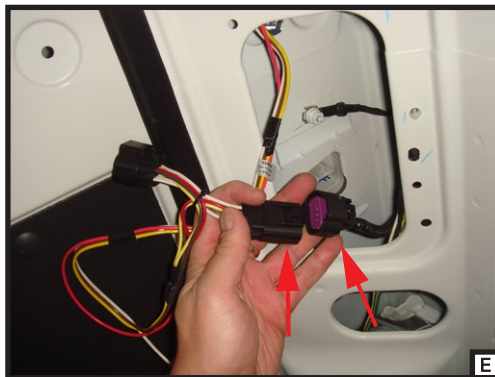
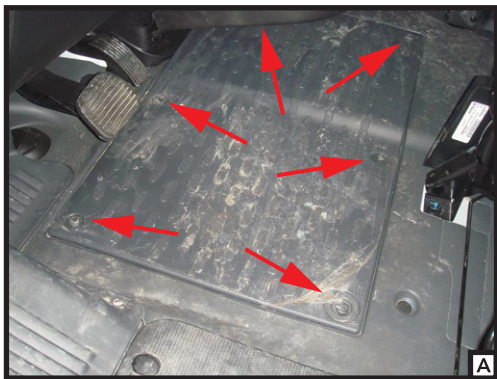
The battery connection must be fuse protected, 10 amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire. Do not exceed the tow vehicle's lamp load rating or the product rating, whichever is lower:

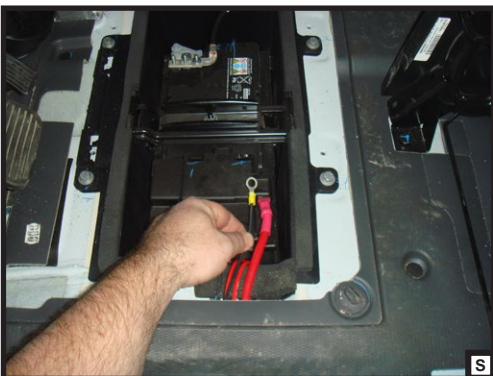
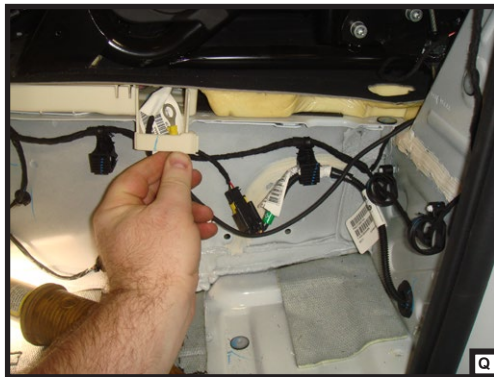
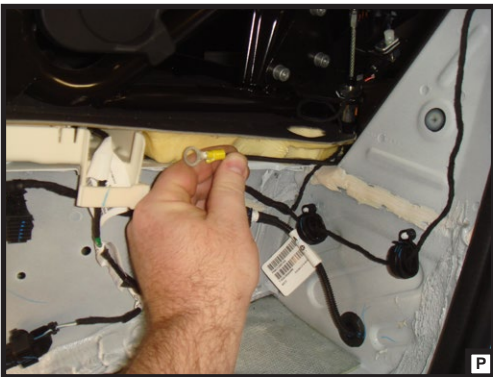
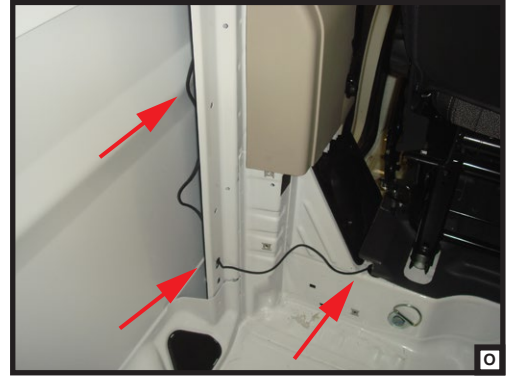
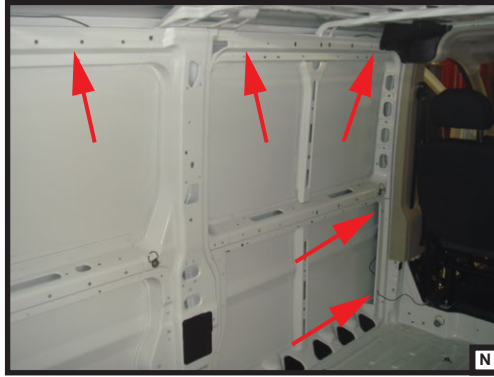
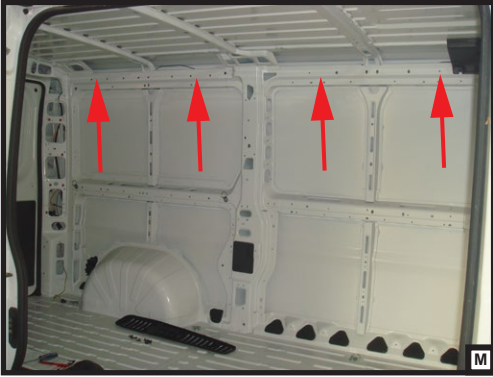
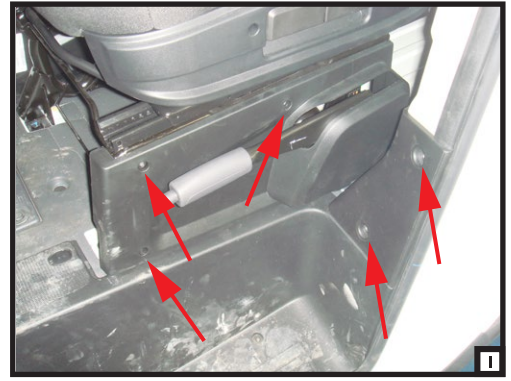
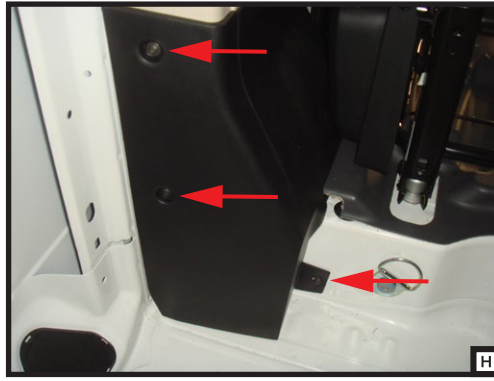
Signal Circuits - 7.5 amps per side

Tail/Running Circuits - 7.5 amps total

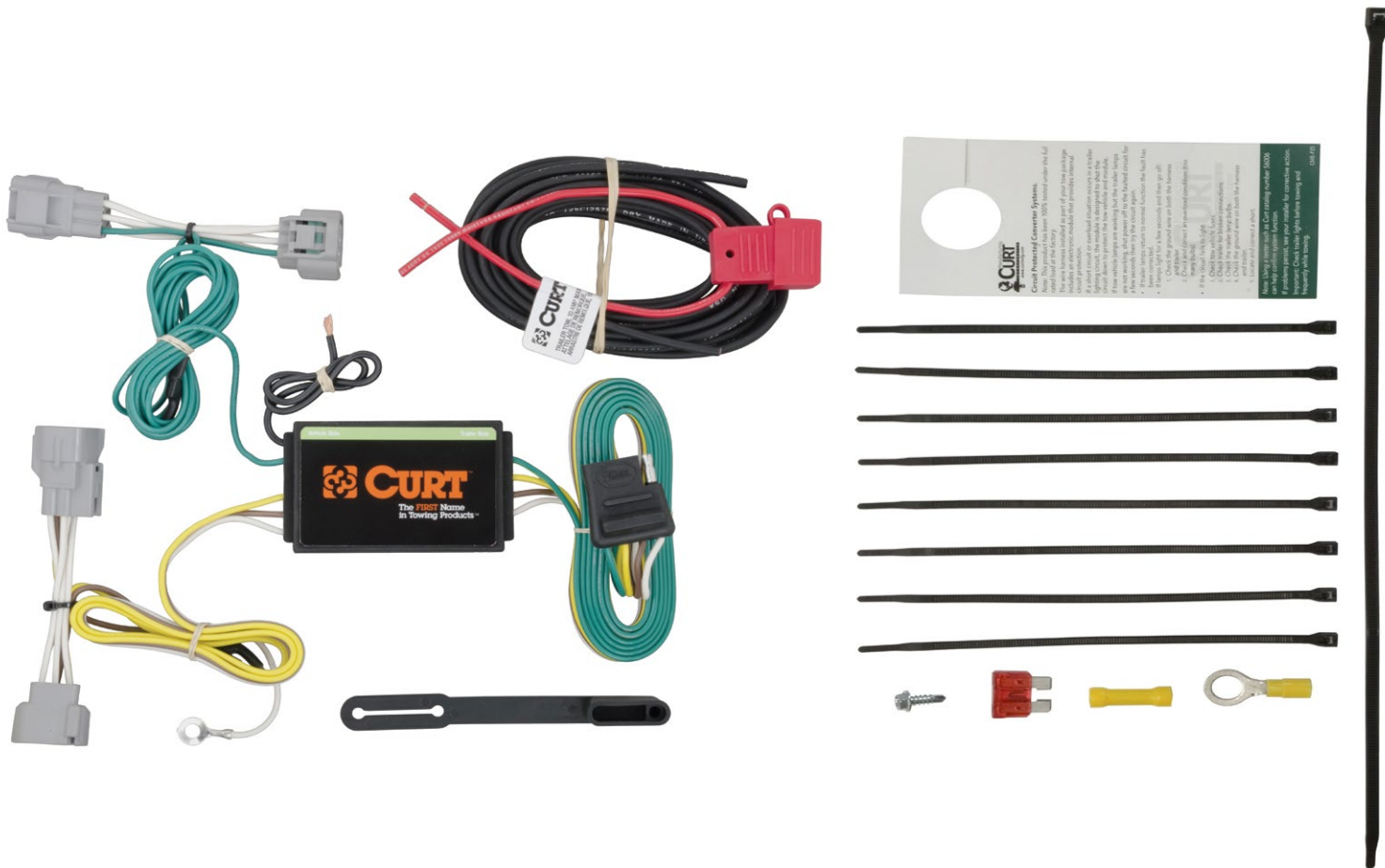
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

9. Route the 4-flat wire to the center of the vehicle and out of the cargo area when in use. When not in use roll up and store in a convenient out of the way location in the cargo area. Secure any loose wires with the cable ties provided.
10. Connect negative battery terminal.
11. Reinstall the floor panel on the driver's side.
12. Reinstall all items removed during install.





# PACKAGE CONTENTS



## T-CONNECTOR W/INSTALL KIT