

INSTALLATION INSTRUCTIONS

⚠ WARNING: DO NOT EXCEED PRODUCT RATING OR TOW VEHICLE LAMP LOAD RATING, WHICHEVER IS LOWER

APPLICATIONS

Make	Model
Ford	F-150

CUSTOM WIRING CONNECTOR



WIRING LOCATION GUIDE

PICKUP TRUCKS (T)

Representative vehicle shown below

T4 - Behind center of rear bumper fascia



NOTICE

All steps must be followed to ensure the wiring connector will function properly. Once installed, test for proper function by using a test light or connecting a properly wired trailer.

TOOLS NEEDED

none

⚠ WARNING

Exceeding the product rating can cause loss of warranty, overheating and potential fire. Do not exceed product rating or tow vehicle lamp load rating, whichever is lower.

Max. Stop / Turn Light - 10.0 amps total

Max. Taillights - 10.0 amps total

Max. Backup - 10.0 amps total

Max. Power Circuit - 30.0 amps total

Max. Trailer Brakes (3 axles / 6 brakes) - 20.0 amps total

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

INSTALLATION / SAFETY INSTRUCTIONS

Step 1

Locate vehicle battery on the driver side under the hood and disconnect the negative battery terminal.

Step 2

Behind the rear tire along the frame rail, locate the black vehicle tow plug. The tow plug connectors will be similar to those on the custom connector. Separate the connectors taking care not to damage the locking tabs (A).

Step 3

Insert the custom connector between the separated tow plug connectors. Make sure the connectors are fully inserted with locking tabs in place.



Step 4

Determine the 7-way mounting location. Route the other end of the custom wiring connector (with the seven wires) along the inside of the bumper, toward the center of the vehicle and to the 7-way mounting location. Secure any loose wires with the provided cable ties. See 7-way diagram for wiring locations.

NOTE: All connections must be complete for the custom wiring connector to function. After the installation is complete, test and verify installation of the product: if the vehicle is equipped with a brake controller use a properly wired trailer or a brake system tester; if the vehicle is not equipped with a brake controller use a properly wired trailer or test lamps. For initial test, reset the electrical system of the vehicle by temporarily removing the vehicle key from the ignition. The Battery+ output may not be active until the vehicle is started and the brake is depressed with the trailer connected.

Step 5

Reconnect the negative battery terminal.

7-WAY VEHICLE CONNECTOR

Please note alignment tab for orientation

