

INSTALLATION INSTRUCTIONS

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

APPLICATIONS

Make	Model
Ford	F-150 Light Duty with factory 4-flat
Ford	F-250 Light Duty with factory 4-flat
Ford	F-150 Heritage with factory 4-flat

CUSTOM WIRING CONNECTOR



WIRING LOCATION GUIDE

PICKUP TRUCKS (T)

Representative vehicle shown below

T1 - Behind driver side taillight housing

T2 - Behind passenger side taillight housing

T3 - Behind driver side rear bumper



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.

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

INSTALLATION / SAFETY INSTRUCTIONS

Step 1


Locate the vehicle wiring harness connectors under the rear of the vehicle, inside the driver side frame rail. The connector ends will be similar to those on the custom wiring connector. Separate the connectors taking care not to damage the locking tabs.

Step 2

Insert the custom wiring connector between the separated connectors.

Step 3

Locate a suitable grounding point near the connector such as an existing screw with nut in the vehicle frame or drill a 3/32" pilot hole for the provided screw. The area should be free of rust, dirt and paint. Secure the white ground wire using the ring terminal and provided screw.

 **WARNING:** Check for miscellaneous items that may be hidden behind or under any surface before drilling to avoid damage and / or personal injury.

Step 4

Plug the 7-way socket into the harness. Mount in an accessible location using a bracket or electrical box (not included). Secure any loose wires.

Step 5

In the engine compartment, disconnect the negative battery cable. On the driver side, locate the vehicle power distribution box and the trailer tow relay block attached to it. Open the cover(s) to access the relays and fuses.

Step 6

Consult the owner manual to locate the TRAILER TOW ELECTRIC BRAKE and TRAILER TOW BATTERY CHARGE fuse locations. Insert the provided 30amp maxi-fuses.

Step 7

Consult the owner manual to locate the TRAILER TOW BACKUP LAMP RELAY and the TRAILER TOW BATTERY CHARGE RELAY locations. Insert the provided relays.

Step 8

Reconnect the negative battery cable and reinstall all items removed during install.

