

# INSTALLATION INSTRUCTIONS

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

## APPLICATIONS

Make	Model
Ford	Explorer

## CUSTOM WIRING CONNECTOR



## WIRING LOCATION GUIDE

### SUVs, MINI & FULL-SIZED VANS (S)

Representative vehicle shown below

S7 - Behind passenger 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

Phillips screwdriver

Cutting tool

## **⚠ 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 the 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 wiring connector. Separate the connectors taking care not to damage the locking tabs (A).

## Step 3

Insert the custom wiring 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 negative battery terminal.

## 7-WAY VEHICLE CONNECTOR

Please note alignment tab for orientation

