# **INSTALLATION MANUAL**

#### **Level of Difficulty**

Easy

#### **Electrical Ratings**

Signal circuits 3.0-amps per side
Tail / Running Circuits 6.0-amps total

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

## Wiring Location(s)

T5

# Wiring Location Guide\* for Trucks (T)

- T1 Behind driver side taillight housing
- T2 Behind passenger side taillight housing
- T3 Behind driver side rear bumper
- T4 Behind center of rear bumper fascia
- T5 Behind passenger side rear bumper



\* Representative vehicle shown

Tools Required	
Ratchet	Cutting tool
Socket, 10mm	Flathead screwdriver
Socket extension	

#### **⚠ WARNING**

Do not exceed product rating or tow vehicle lamp load rating, whichever is lower.

The battery connection must be fuse-protected, 10-amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire.

#### NOTICE

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

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

#### Maintenance

Periodic inspection of all wires and connections should be performed to ensure there is no visible damage or loose connections.

#### **Product Registration and Warranty**

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#### Step 1

Locate the vehicle battery. Look up the battery location in the owner's manual of your vehicle. Disconnect the negative battery terminal. Be sure to fasten this wire down and away from the battery when completing the installation process.

# Step 2

Locate the gray plastic connector between the battery and driver-side fender. Remove the protective cover.

Locate the custom wiring harness with the fuse holder and insert the harness onto the vehicle harness. Make sure the connectors are fully inserted with locking tabs in place.



### Step 3

Attach the ring terminal end to the positive battery terminal. Be sure the fuse is removed until the harness install is complete. Secure any loose wires using provided cable ties.

#### **⚠ CAUTION**

Leave the negative battery cable disconnected

#### Step 4

Locate the vehicle taillight wiring harness connectors behind the rear bumper along the passenger side frame rail. The connectors will be similar to those on the custom wiring harness. Remove the protective cover, taking care not to damage the locking tabs.

Insert the custom wiring harness connector into the vehicle connector. Make sure the connectors are fully inserted with locking tabs in place.



# Step 5

Locate a flat spot inside the vehicle, near the taillight. Adhere the black converter box using the provided double-sided tape.

#### NOTICE

Failure to mount the box in a protected area can cause loss of warranty, product failure, overheating and potential fire.

Route the 4-flat to the center of the vehicle close to the receiver hitch and secure with the provided cable ties

Reinstall all items removed during install. If it was disconnected at the beginning of the installation, reconnect the negative battery terminal. Install the provided 4-flat dust cover to help prevent corrosion.