

Installation Instructions

Circuit Protected Converter

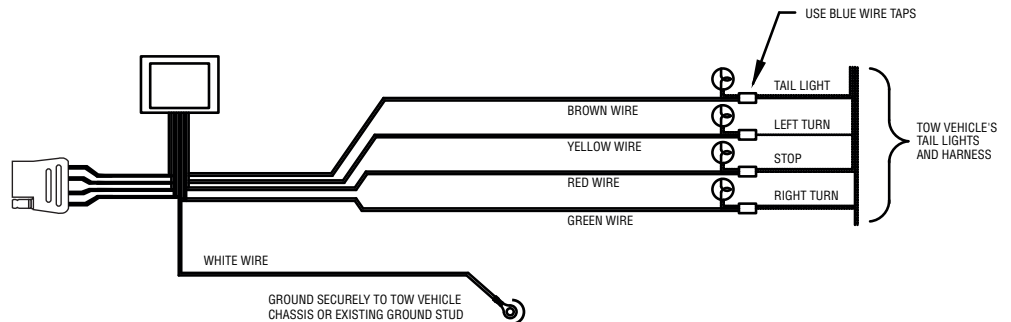
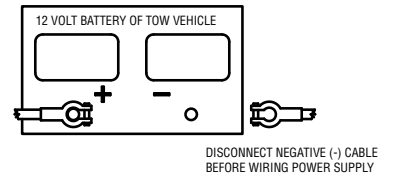


READ THIS FIRST:

Read and follow all vehicle warnings and installation instructions before beginning installation. Wear safety glasses and use all safety precautions during installation.

USE ON 12 VOLT NEGATIVE GROUND SYSTEMS ONLY

SECURE WIRE AFTER
INSTALLATION USING CABLE TIES



ENGLISH

TOOLS REQUIRED:

Drill (3/32" Drill Bit), Wire Crimpers,
Phillips Head Screwdriver, Test-probe

See catalog or website for vehicle code definitions and further information.

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3 WIRE SYSTEM

For vehicles with separate Turn / Stop lights and NO Factory wiring harness.

- When using a circuit tester, carefully probe one wire at a time. Determine each of the vehicle functions as shown in the illustration.

⚠ CAUTION

Do not probe across two wires or across wire and vehicle structure. Damage to electronic components may result.

- Disconnect and isolate the vehicle's negative (-) battery terminal.

⚠ WARNING

Read and follow all warnings and cautions printed on the tow vehicle's battery.

- Attach the trailer wiring to the vehicle as shown in the illustration using splice.
- Locate a suitable grounding point.

⚠ CAUTION

Verify what is behind any surface prior to drilling to avoid damage to the vehicle and/or personal injury. Do not drill into any exposed surfaces.

- Determine a suitable location for mounting the circuit protected convertor in an out of the way spot near the left tail light in the trunk or on the frame rail, if mounted under the vehicle.
- The Convertor shall also be mounted so that the wiring is directed downward. If it is impossible to direct downward, wiring should be directed to the side.

- Reconnect the tow vehicle's (-) Negative battery cable.
- TESTING PROCEDURE**

With the ground wire connected and all of the other circuits attached, attach the ground lead of a circuit tester to the exposed ground terminal of the 4-flat end. Activate the tow vehicle's left turn, right turn, tail and stop lights one at a time. Probe the three receptacles of the 4-flat end to confirm proper functions.

⚠ WARNING

All connections must be complete to function properly. Test and verify installation with a test light or trailer once installed.

- Secure all loose wires with cable ties.



⚠ WARNING

Overloading circuit can cause fires. DO NOT exceed lower of towing manufacturer rating or:

- Max. stop/turn light: 1 per side (2.1 amps)
- Max. tail lights: (7.5 amps)

Read vehicle's owners manual & instruction sheet for additional information.