

INSTALLATION MANUAL

Level of Difficulty

Easy

Installation difficulty levels are based on time and effort involved and may vary depending on the installer level of expertise, condition of the vehicle and proper tools and equipment.

Electrical Ratings

Signal circuits	5.0-amps per side
Tail / Running Circuits	7.5-amps total

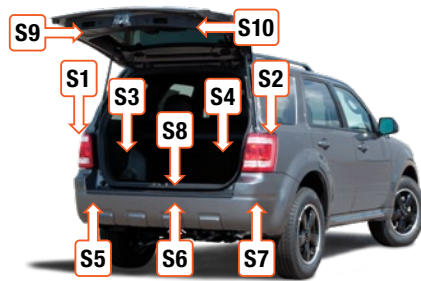
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

Wiring Location(s)

S5

Wiring Location Guide* for SUVs and Vans (S)

S1	Behind driver side taillight housing
S2	Behind passenger side taillight housing
S3	Behind driver side rear access panel
S4	Behind passenger side rear access panel
S5	Behind driver side rear bumper
S6	Behind center of rear bumper
S7	Behind passenger side rear bumper
S8	Under rear floor panel
S9	Behind driver side rear access panel
S10	Behind passenger side rear access panel



* Representative vehicle shown

Tools Required

Ratchet	Panel trim removal tool
Socket, 14mm	Cutting tool
Socket extension	--

WARNING

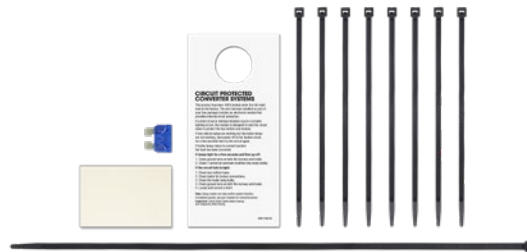
Do not exceed product rating or tow vehicle lamp load rating, whichever is lower.

The battery connection must be fuse-protected, 15-amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire.

Product Photo



Hardware Photo



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.

Step 1

Locate the vehicle battery in the engine compartment on the driver side of the vehicle and disconnect the negative battery terminal. Be sure to fasten this wire down and away from the battery while completing the installation process.



Step 2

Locate the plastic shroud below the driver-side rear bumper cover. Remove the three push fasteners and the two 14mm bolts (14mm bolts are a part of the shroud).



Step 3

Remove the dust cover from the harness, taking care not to damage the locking tabs. Insert the custom wiring harness end on to the OEM harness. Make sure the connectors are fully inserted with the locking tabs in place and install the custom wiring harness.



Step 4

Locate a flat clean surface that is out of the path of spray and debris from the rear wheels and road. Adhere the black converter box using the provided double-sided tape. Failure to mount the box in a protected area can cause loss of warranty, product failure, overheating and potential fire.

Step 5

Install the 7-way in the center of the rear of the vehicle next to the hitch.

NOTICE

Once the custom wiring harness is installed, verify that the harness is functioning by attaching the 7-way to any vehicle with functioning trailer lights. The taillights on the tow vehicle should function along with the taillights on the towing vehicle.

Step 6

Install the fuse from the bag kit into the fuse holder on the custom wiring harness.

Step 7

Reinstall all items removed during install (14mm nuts on shroud are push nuts, tighten so it does not cause noise). If it was disconnected at the beginning of the installation, reconnect the negative battery terminal.