

# INSTALLATION MANUAL

## Level of Difficulty

Moderate

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

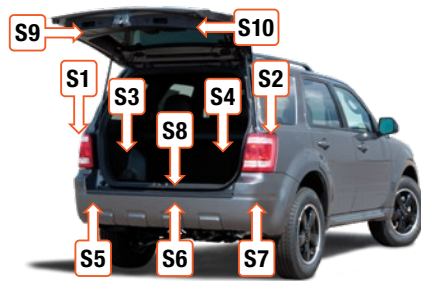
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

## Wiring Location(s)

Under dash, S3

## 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

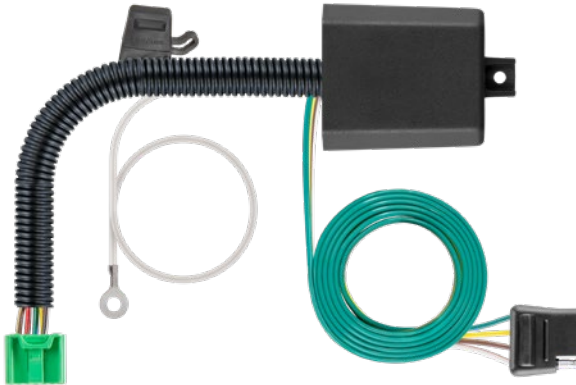
## ⚠ WARNING

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

Be sure not to lay tools across the positive (typically noted with red covers or a red '+' symbol). This can cause a ground to short causing sparks and / or electrical shocks.

The battery connection must be fuse-protected, 10-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.

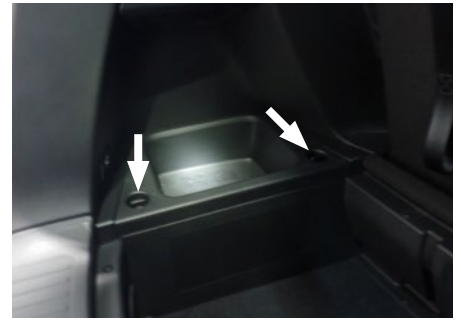
### Step 1

Locate the vehicle battery on the driver side just behind the headlight. Disconnect the negative battery terminal. Be sure to fasten this wire down and away from the battery when completing the installation process.



### Step 2

Open the vehicle rear hatch. Remove the floor board to access the storage area. There is a storage cubby on the driver side with two 1/4 turn twist hold-downs. Twist and lift this cover up (may need to remove items in cubby) to access the tire tool kit.



### Step 3

Locate the white connector from the custom wiring harness. From inside the cubby area from step 2, attach the white connector housing to the mating housing (the connector is located on the driver-side wheel well body in the upper left side of the cubby).



#### Step 4

Locate a grounding point such as an existing screw or bolt in the frame of the vehicle or drill a 3/32" pilot hole. The area should be free from rust, dirt, and paint (abrasive pad/paper to remove rust and paint). Secure the white ground wire with the ring terminal on the existing fastener or with the provided ground screw.

#### ⚠ CAUTION

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

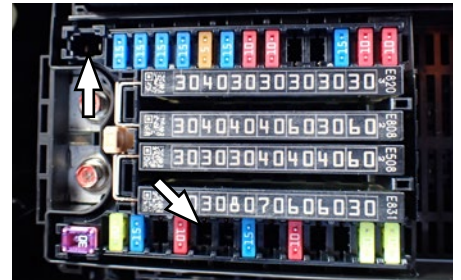
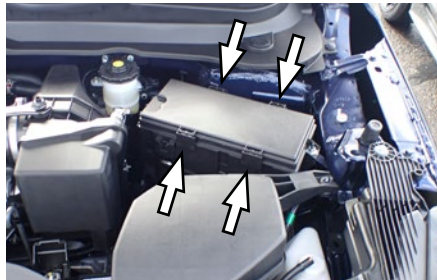


#### Step 5

#### NOTICE

Some vehicles do not have all fuses needed in the fuse box located in the engine compartment. Open the hood and locate the fuse panel on the driver side. Release the four cover locks by lifting straight up.

Install the pink 30 amp fuse in the location 7 and the yellow, 20 amp fuse in location 12.



#### Step 6

#### NOTICE

Verify that the harness is functioning by testing with a test light, 4-flat tester or a functioning trailer.

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

When in use, route the 4-flat with the center of the vehicle, and out of the hatch to the trailer be sure to stay clear of the hatches latching mechanism. When not in use roll up and store in a convenient, out of the way location. Secure any loose wires with 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.