

# INSTALLATION MANUAL

## Level of Difficulty

Moderate

## Electrical Ratings

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

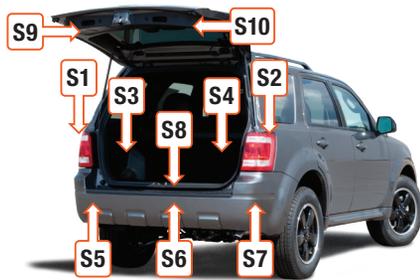
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

## Wiring Location(s)

S5 and S7

## 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	Socket, 10mm
Flathead screwdriver	Utility knife

## ⚠ WARNING

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

## Product Photo



## Included Parts



## 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 tow vehicle.

## 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

CURT Group stands behind our products with industry-leading warranties. Provide feedback and help us to improve our products by registering your purchase at: [warranty.curtgroup.com/surveys](http://warranty.curtgroup.com/surveys)

### Step 1

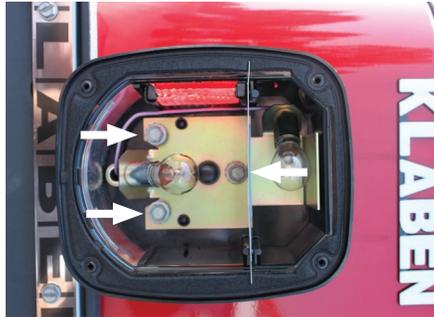
Using a Phillips screwdriver, remove the screws securing the plastic lens cover on the driver-side taillight.

### Step 2

Using a 10mm socket, remove the three bolts securing the taillight to the body. Gently pull the taillight away from the vehicle and locate the vehicle factory wiring harness connectors. The connectors will be similar to those on the RV harness.

Separate the connectors from the taillight housing taking care not to damage the locking tabs. Carefully remove the foam tape. Inspect the connectors for dirt and debris.

Clean if necessary and repeat this step on the passenger side.



### Step 3

Starting on driver side, remove the plastic shield located underneath the taillight cavity by removing plastic clip that secures it in place. Insert the RV harness end with yellow wire between the separated connectors.

Make sure the connectors are fully inserted with locking tabs in place. Re-apply the foam tape removed in step 2.



### Step 4

Locate a suitable grounding point near the connector such as an existing screw with nut in the vehicle frame or drill a 3/32" pilot hole for the provided screw. The area should be free of rust, dirt and paint. Secure the white ground wire using the ring terminal and provided screw.

#### **⚠ WARNING**

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

### Step 5

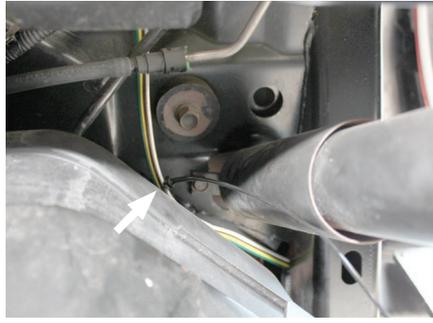
Route the RV harness end with the green wire to the passenger side along the rear frame rail. Repeat Step 3 on the passenger side using the harness end with the green wire.



## Step 6

Cut the cable ties on the 4-flat portion of harness and route it down through the opening behind the taillight.

Route the 4-flat over the top of the fuel tank and secure with the provided cable tie pad and cable ties.



## Step 7

Continue routing towards the front of the vehicle following the existing factory wiring harness. Secure with cable ties.

### **⚠ WARNING**

Avoid areas that contain moving parts or could cut, pinch or burn the wires when routing the 4-flat harness to the front of the vehicle. Failure to follow these warnings may cause property damage, personal injury or loss of life.



## Step 8

Near the engine compartment, along the driver side, route the 4-flat wire up the brake lines and along the factory wiring harness.

Route to a location near the hood release. Secure the 4-flat to the factory wiring harness with cable ties.



## Step 9

Fish through the opening into an opening behind the bumper. Locate a suitable mounting location for the 4-flat bracket on the frame behind the driver-side taillight. Using the bracket as a template mark two holes and drill two 3/32" holes and attach the bracket using the two remaining screws.

### **⚠ WARNING**

Take care not to drill through the body or any exposed surface.



## Step 10

Secure any excess wire so that it is not drooping or dangling, but not so tight that it causes unnecessary strain to the wire which could lead to breakage over time. After removing slack from the 4-flat wire, tighten any zip ties and add as needed. Use a zip tie to fasten any excess wire to a solid spot along the driver-side inner fender.

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.