INSTALLATION MANUAL

Level of Difficulty

Moderate

Electrical Ratings

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

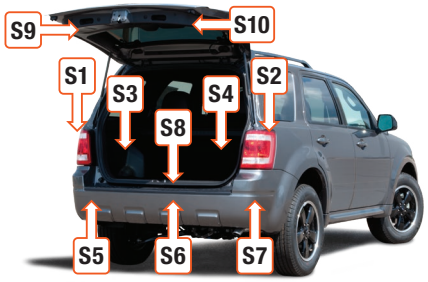
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

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

Phillips screwdriver	Fishwire
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

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Provide feedback and help us to improve our products by registering your purchase at:
warranty.curtgroup.com/surveys

Step 1

Starting on the driver side, using a Phillips screwdriver, remove the screws securing the taillight assembly to the vehicle.

Step 2

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. Inspect connectors for dirt and debris. Clean if necessary.

Repeat this step on the passenger side.

Step 3

On the driver side, remove the foam shield from the taillight cavity. Insert the RV harness end with yellow wire between the separated connectors. Make sure the connectors are fully inserted with locking tabs in place.

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.

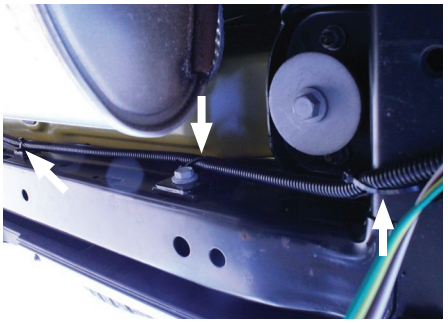
Step 5

Cut the cable ties on the 4-flat portion of the RV harness.
Route the RV harness end with the green wire to the passenger side along the rear frame rail.

Step 6

Mount the cable tie pad halfway across the frame rail and using the cable ties provided secure the conduit to the frame rail and cable tie pad.

Note: We recommended using five cable ties along the rear frame rail; two on either side and one on the cable tie pad.



Step 7

Remove the plastic taillight cover or drill a 2" hole through the plastic cover to route the RV harness ends behind the passenger taillight.

The insulating foam in the taillight cavity will need to be partially removed for the installation.

Repeat step 3 on the passenger side using the harness end with the green wire.

Step 8

Locate an opening on the frame at the front of the vehicle near the driver-side tire and insert a fish wire through the frame rail back towards the rear of the vehicle near the rear tire.

Secure the 4-flat connector to the fish wire and pull through the frame rail and out of the opening.

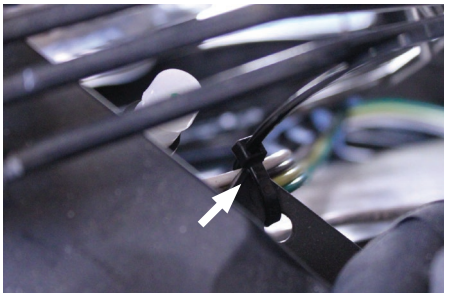
Step 9

Once the 4-flat is through the frame rail, route it into the engine compartment following the brake lines and secure the 4-flat to the eyelet.

Note: An alternate route to the front of the vehicle would be along the outside of the frame rail. If using the alternate route, skip Step 10 and continue to Step 11.

⚠ 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 10

Locate the front frame rail that goes across the front of the vehicle. Locate a suitable position to mount the 4-flat bracket.

Using the bracket as a template, mark the two holes and drill two 3/32" holes and attach the bracket using the two remaining screws.

Secure the 4-flat to the frame rail with a cable tie.

⚠ WARNING

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

Step 11

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.