

INSTALLATION MANUAL

Level of Difficulty

Moderate

Electrical Ratings

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

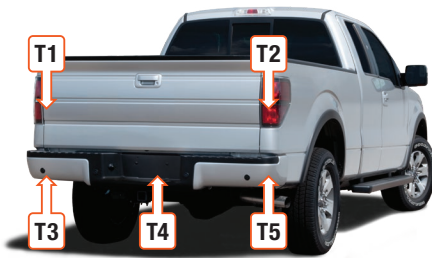
Check vehicle owner's manual or contact the vehicle manufacturer for more information.

Wiring Location(s)

T4

Wiring Location Guide* for Trucks (T)

T1	Behind driver side taillight housing
T2	Behind passenger side taillight housing
T3	Behind driver side rear bumper
T4	Behind center of rear bumper fascia
T5	Behind passenger side rear bumper



* Representative vehicle shown

Tools Required

Utility knife	--
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⚠ 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

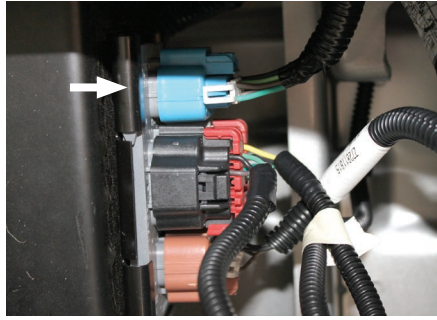
Periodic inspection of all wires and connections should be performed to ensure there is no visible damage or loose connections.

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

Step 1

Locate the vehicle rear connection module located at the center of the truck underneath the bed near the frame rail. Locate the blue connector and unplug from the module, taking care not to damage the locking tabs.



Step 2

Pull out the bundle of wires from the conduit that lead to the blue connector unplugged in the previous step.



Step 3

Identify the following wire colors and functions. **Note:** There are two brown wires used. One wire feeds the driver side and the other feeds the passenger side.

White - Ground | Green - Right Turn / Brake | Brown - Taillights | Yellow - Left Turn / Brake

Step 4

Using a utility knife, cut one of the brown wires approximately 12" to 14" from the blue connector and strip the insulation 5/16" off of both ends. Identify one of the brown wire pairs on the RV harness labeled 'taillight input (from vehicle)' and 'taillight output (to module)'.

Crimp the breakout labeled 'taillight input (from vehicle)' to the brown wire that comes from the front of the vehicle.
Crimp the other breakout labeled 'taillight output (to module)' to the brown wire that goes to the blue connector.

Repeat this process for the other brown wire pair on the RV harness and brown factory wire.

Step 5

Using a wire cutter, cut the dark green wire approximately 12" to 14" from the blue connector and strip the insulation 5/16" off of both ends. Identify the dark green wire pair on the RV harness labeled 'right turn / brakes input (from vehicle)' and 'right turn / brakes output (to module)'.

Crimp the breakout labeled 'right turn / brakes input (from vehicle)' to the dark green wire that comes from the front of the vehicle.
Crimp the other breakout labeled 'right turn / brakes output (to module)' to the dark green wire that goes to the blue connector.

Step 6

Using a wire cutter, cut the yellow wire approximately 12" to 14" from the blue connector and strip the insulation 5/16" off of both ends. Identify the yellow wire pair on the RV harness labeled 'left turn / brakes input (from vehicle)' and 'left turn / brakes output (to module)'.

Crimp the breakout labeled 'left turn / brakes input (from vehicle)' to the yellow wire that comes from the front of the vehicle.
Crimp the other breakout labeled 'left turn / brakes output (to module)' to the yellow wire that goes to the blue connector.

Step 7

Using a heat gun, shrink the red insulation on the butt connectors and plug the blue connector back into the module.

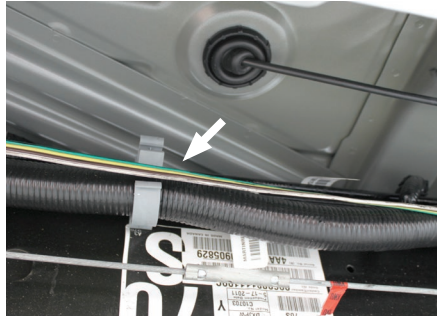
Locate a suitable grounding point near the connector such as an existing screw with nut in the vehicle frame or drill a 3/32" pilot hole for the provided screw. The area should be free of rust, dirt and paint. Secure the white ground wire using the ring terminal and provided screw.

⚠ WARNING

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

Step 8

Cut the cable ties on the 4-flat portion of the RV harness and route towards the front of the vehicle following the factory harness.

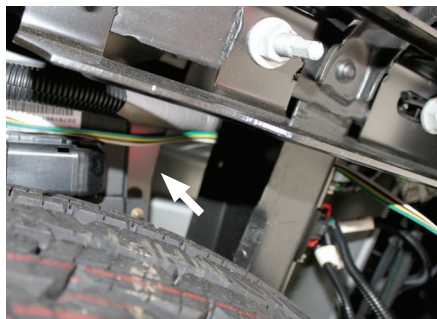


Step 9

Continue routing the 4-flat along the factory wire harness to the front of vehicle, securing it along the way with cable ties. Route up into the engine compartment along the factory wiring harness.

⚠ 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.

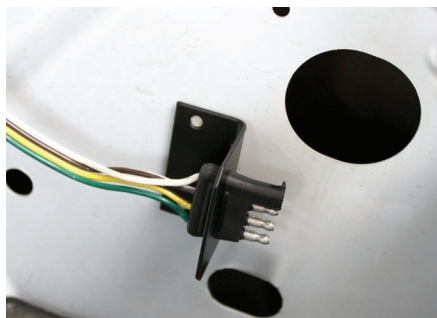


Step 10

Locate 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 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.