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INSTALLATION INSTRUCTIONS

⚠ WARNING: DO NOT EXCEED PRODUCT RATING OR TOW VEHICLE LAMP LOAD RATING, WHICHEVER IS LOWER

PART NUMBERS

Pkg#	From Vehicle	To Trailer	Mounting Bracket
Single Output			
57184	4-way flat	7-way RV blade	No
57183	4-way flat	6-way round	No
57185	4-way flat	7-way RV blade	Yes
57626	4-way flat	6-way round	Yes
57676	4-way flat	7-way RV blade	Yes
Dual Output			
57604	4-way flat	4-way flat	Yes
		6-way round	
57624	4-way flat	4-way flat	Yes
		6-way round	
57672	4-way flat	4-way flat	Yes
		7-way RV blade	
57674	4-way flat	4-way flat	Yes
		7-way RV blade	
57102	4-way flat	4-way flat	Yes
		7-way RV blade	

TOOLS NEEDED

- 1/8" drill bit
- Drill
- Phillips screwdriver
- Wire stripper
- Cutting tool
- Terminal crimpers
- Test light
- Three self-tapping screws, #10 - 1/2"

⚠ WARNING

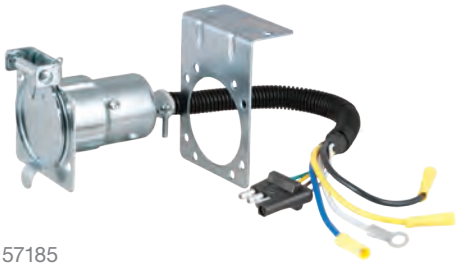
Never attach the mounting bracket directly to the hitch by cutting, welding or drilling into the hitch

Be sure of what is behind the surface that you are going to be drilling. Stay clear of brake lines, fuel lines, wiring or any other components that may harm the vehicles operation.

4-WAY FLAT ELECTRICAL ADAPTERS

Single output

Not all part numbers are pictured

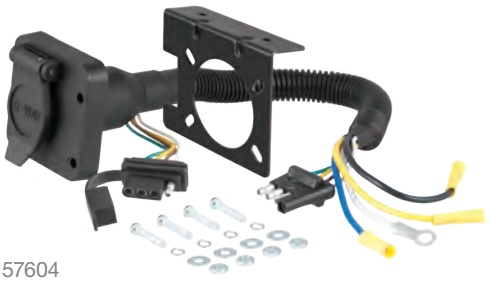


57185

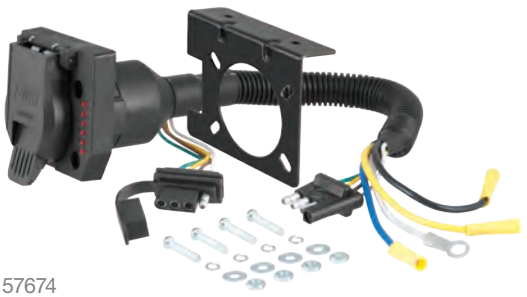
57626

Dual output

Not all part numbers are pictured



57604



57674

INSTALLATION / SAFETY INSTRUCTIONS

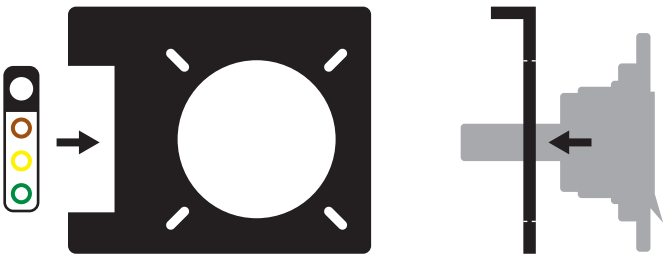
Locate the vehicle 4-way flat trailer wiring connector. If the vehicle is not equipped with a 4-way flat trailer connector, you will need to install a custom wiring harness or other 4-way flat trailer connector before continuing with the install.

Locate a suitable mounting location on the tow vehicle for the combination harness. The mounting bracket (if included) should be attached to the vehicles bumper or other suitable surface. The connectors must be mounted in an area that is within reach of the trailers wiring harness, near the center of the vehicle.

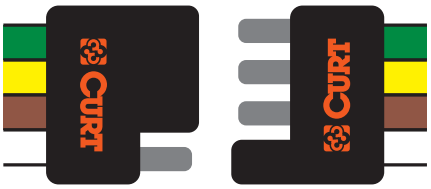
Using the bracket (if included) or equivalent as a template, drill 1/8" holes into the mounting surface. Secure the bracket to a suitable mounting area on the vehicle by using #10 - 1/2" self tapping screws (not included).

WARNING: Never attach the mounting bracket directly to the hitch by cutting, welding or drilling into the hitch.

Attach the harness connectors to the mounting bracket. For the 6- or 7-way connector, feed the entire harness through the large mounting hole in the bracket and position the connector against the face of the mounting bracket. Using the supplied mounting hardware, attach the connector to the bracket. Slide the 4-way flat connector into the side mounting slot until the connector is secured in place.



Plug the combination harnesses' trailer-style 4-way flat connector into the tow vehicle 4-way flat connector. This connection will provide the tail lights, stop lights and turn signal functions. See below picture.



Determine a suitable grounding point within reach of the combination harness to attach the grounding screw. Be sure that the area is clean of any dirt, debris or undercoating and drill a 1/8" hole.

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

Attach the combination harnesses' white wire with the ring terminal to the 1/8" hole that was drilled, using a #10 - 1/2" self-tapping screw. This ground connection is required for the harness to work properly. The white wire on the vehicle's 4-way flat connector will not support the ground (-) functions of the combination harnesses 4-way flat and 6- or 7-way connector.

Failing to properly ground the product can cause loss of warranty, overheating and potential fire.

Using 12 gauge (minimum) wire and butt-connectors, connect the remaining wires to the appropriate functions as listed below.

Yellow - Auxiliary or back-up lights
Blue - Electric brakes
Black - Positive power (+) with appropriate inline fuse

Confirm proper function with a test light or by using a properly functioning trailer. Secure any loose wires by using cable ties or equivalent product.