

TRAILER HITCH OR RACK LIGHTING WIRE HARNESS  
FOR HARLEY DAVIDSON FLH AND FLT MODELS 1997 AND NEWER  
(#HD007-12)  
INSTALLATION INSTRUCTIONS

Remove the seat and locate the tail light plug, this should be attached to the frame with a plastic clip where the fender meets the frame cross member. Unplug the connector and plug in the male and female ends of the supplied wire harness. Route the harness as shown following the other wire looms and then down along the main frame of the trailer hitch or your fender support to the bottom of the rear fender. Secure the harness using the supplied cable ties. Install a plug that matches that of your trailer. The wires in the harness functions/colors are as follows:

Black = Ground  
Brown = Tail Light  
Red = Brake Light  
Orange = Left Turn signal  
Blue = Right Turn signal

**NOTE:** If your trailer has only four (4) wires you will need to use a 5 to 4 wire converter. These are available at most auto parts stores or thru RIVCO Products.

**NOTE:** If your trailer uses more than two (2) incandescent tail light bulbs the use of a trailer wiring isolator is strongly advised as this additional load is too much for the motorcycles wiring to support and may cause damage to the electrical system. Trailer wiring isolators are available although not as common in auto parts stores and are also available thru RIVCO Products. If you are installing both you must first install the 5 to 4 wire converter then the isolator then to the trailer plug.



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