

VCC007-49
Trailer Wiring Sub-Harness
For Victory and Indian Models
Installation Instructions

The VCC007-49 sub-Harness provides a plug in connection between the motorcycle's wire harness and trailer wiring components.

YOU MUST ALSO USE RIVCO isolator TWC003. This will draw all the power for the trailer lights directly from the battery and not adversely affect the CAN-bus System or computer as well as supply full power and brightness to the trailer lighting. This will plug directly into the sub harness.

YOU MAY ALSO NEED a five-to-four wire converter VCC007-52 to connect to a trailer with a four-wire system. This will plug in between the sub-harness and the TWC003 isolator.

NOTE: The Indian models have a CAN-bus tail, brake, and turn signal wiring system. The CAN-bus system will not support any additional load to power trailer lights therefore, it is necessary to use our VCC007-50 CAN-bus Module.

1. Remove the left saddlebag to locate the tail light wires, look for a plug with ends that match the plugs on the VCC007-49 sub-harness. This plug is located at the front edge of the rear fender on most models. To determine if you have found the correct plug, simply unplug the connectors and turn on the ignition, if the taillights are still on you have unplugged the wrong connector.
2. Plug the TWC003 five-to-four wire converter into the sub harness, if required for your application. Connect the ground wire to the frame.
3. Plug the TWC003 isolator into the previously installed VCC007-49 sub-harness, or the VCC007-52 five-to-four wire converter. Connect the ground wire from the GL18007-IU isolator to the frame. Connect the red wire from the TWC003 isolator to the battery (+) positive terminal using the supplied fused wire.
4. Route the wires from the isolator down to the hitch, securing as needed with the supplied cable ties. Connect a plug that matches that of the trailer to the output wires of the isolator.
5. Using a test light or meter, check the functions of the wires at the plug by attaching the ground wire on the plug to the ground wire of your light or meter and the positive (+) lead on your test light or meter to other wires to check them individually.
6. Secure the wiring and components under the seat or side cover using the supplied cable ties. Replace the seat (and side cover if removed).