

Premium Weatherproof Trailer Connector Set Installation Instructions
#TWC001

This connector set will allow you to have a neat and clean trailer connection that will also keep out water, dirt and corrosion.

All motorcycles and most motorcycle trailers have separate brake, tail and turn signal wires plus a ground. This requires a connector that will accept five wires. The sixth wire or pin on the connector is used for an accessory circuit (see below)

1. Begin by installing the larger female socket from the motorcycle's wires. If you do not have existing wires you will need to Tap into the tail, brake, left turn and right turn signal wires as well as a ground wire and extend these to where you want your plug to be located. It is recommended to use 16 or 14 gauge wire and different color wire for each of these functions. You can use the sixth terminal for an accessory circuit such as an interior light or cigarette lighter plug. This can be a wire that is hot only when the ignition is on or hot all the time (the later should be fused separately).
2. Cut all the wires to the same length. Slide the gray seals over each of the wires small end first. Strip ¼" of insulation from the wires. Crimp the MALE pins onto the wires. Push the wires into the larger connector body until they snap and lock into place. Push the wire seals down into the holes in the connector body and close and lock the seal cover.
3. Do the same with the trailer wires using the FEMALE pins and the smaller connector body NOTE: Before pushing the wires into the connector body and locking them in place BE CERTAIN you have them in the correct hole to match the wire the function of the wire on the mating half from the motorcycle. Check the functions with a test light to be sure. Once the terminals lock into place they are difficult to remove and you must use a small wire or pick to unlock them from the connector body.
4. If you have only used five of the wire cavities use two of the green cavity plugs to fill the unused holes on the connector bodies. Use the remaining six plugs to fill the Holes in the remaining smaller connector body, close and lock the seal cover. Plug this empty connector half into the motorcycles connector half when not towing a trailer to keep out all dirt, water and corrosion.

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