



Mounting Instructions Trailer Wire Harness Converter Part Number 45-1848

NOTE: Read instructions thoroughly before installing.



1. Turn on headlights, taillights and flashers. Determine that all bulbs are working properly before installing converter.

2. Attach WHITE wire (ground) with crimped-on spade to an existing screw on bike.

3. Turn on the headlight switch to illuminate the taillights. Beginning on the clutch side, look to see which bulb is lit. Using a test light, determine which wire feeds the bulb. Turn off the headlight switch and attach the BROWN converter wire to the taillight feed wire using a wire tap.

4. With the ignition switch in the **Accessory** position, turn on the left-turn signal, look to see which bulb is flashing and determine which wire feeds it. **TURN OFF THE IGNITION SWITCH** and attach the YELLOW converter wire to the left signal feed wire. Repeat this procedure with the right turn signal and attach the GREEN converter wire to the right signal feed wire.

5. Have an assistant press the brake lever. Look to see which bulb is lit on the clutch side of the bike and determine which wire feeds it. Release the brake lever to see if the test light goes out. This ensures that you have not tapped into a constant hot wire. Repeat the process and attach the RED converter wire to the stoplight feed wire. **NOTE: ALL WIRES MUST BE CONNECTED BEFORE TESTING.**

6. Lighting systems are ready to be checked. Connect bike plug to attached trailer or use a test light. Turn on the headlight switch and check the tow vehicle and trailer lights. With the headlight switch on, press the brake pedal. (THE STOPLIGHTS SHOULD APPEAR BRIGHTER THAN THE TAILLIGHTS.) With the head light switch on the brake lever depressed, turn on and check each of the turn signals. If turn signals flash slower or faster than normal, install a heavy-duty flasher to correct the situation. Turn off all lights.

7. Permanently mount the converter unit in a spot where it will not be damaged, using a cable tie or by drilling a 3/32" hole and using the screw provided. **BEFORE DRILLING, CHECK BEHIND CHOSEN MOUNTING AREA TO MAKE SURE NOTHING WILL BE DAMAGED BY THE DRILL BIT OR THAT THE DRILL BIT WILL NOT PROTRUDE THROUGH AN OUTSIDE SURFACE.** light.

TOOLS REQUIRED: One pair of slip-joint pliers, test light, and either regular screwdriver, Phillips screwdriver or Torx-tip screwdriver (for GM products)

