

INSTALLATION INSTRUCTIONS

The connection to your motorcycle's electrical system is simple with the *battery cord* provided. Connect the wire with the fuse in it to the **HOT (+)** or **UNGROUND**ED (-) side of the battery and the remaining wire to the **GROUND**ED (-) side of the battery. If installing two *battery cords*, connect them in parallel. That is both the two wires with the fuse holders are connected to the **HOT (+)** or **UNGROUND**ED side of the battery and the remaining two are connected to the **GROUND**ED (-) side of the battery. Use the plastic wire tie provided to attach the wire about two inches back from the connector to a frame or other solid member close to the front left side bottom of the seat. If a second *battery cord* is being installed, attach it mid-way or at the rear bottom left side of the seat (whichever the passenger prefers).

CAUTION: Be sure to install the wires so that they will not receive abrasion from the seat closing or from any other parts. Try to position the connector so that it does not scratch the gas tank or body panels. To avoid interference in your radio or intercom, do not route the *battery cord* next to their power leads.

Plug the *Lectric-chaps* and/or *Lectric-gloves* into the *Lectric-vest*. With the *System 1* or *System 2 Lectric-vest*, snap on the *ArmChaps* (*ArmChaps* instructions separate) or glove leads on the vest's back shoulder panel. Then plug in the *switch cord* or *thermostat cord*. The other end of either of these cords will plug into the *battery cord* previously installed or directly into a BMW accessory outlet if using a BMW type *switch cord* or *thermostat cord*. Because of manufacturing tolerances, some plugs may fit very tight when new. They do not have to fit completely together, only tight enough to not separate in use. With the exception of the *electronic controller* (controller instructions separate), you do not have to be concerned with polarity when plugging in.

CAUTION: Do not leave any *adapter cord* plugged into the system when not in use. Do not leave heated clothing plugged in and/or left on while not wearing them - fire may result. Always disconnect at the *battery cord* when leaving the motorcycle.



OPERATING INSTRUCTIONS

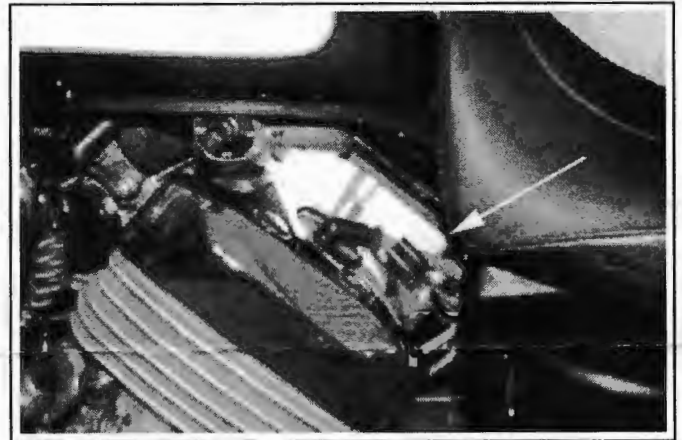
LECTRIC-VESTS: The *Lectric-vests* are designed to be worn under an outer garment, preferably a windproof one to minimize the chill effect of the wind on the arms. The vests' heat is transferred most efficiently by conduction, so the closer it is to the body, the more heat will be felt. A light long sleeve shirt between the body and the vest is usually adequate. If thick garments must be worn, wear them over the vest.

LECTRIC-CHAPS: The *Lectric-chaps* will provide the most heat when worn under the pants. They are designed so that they can be removed from under the pants without having to remove either boots or pants. Light thermal underpants should be worn between the chaps and legs. They also may be worn over the pants if desired.

LECTRIC-GLOVES: The wiring harness is intended to lay across the back of the neck and down each arm. To aid in dressing, the plugs for the glove connections can be held between two fingers as each arm is slid into your jacket sleeve. The wire with the double plug assembly comes down the left side of your neck, continues down your chest and plugs into the *Lectric-vest*. If you use only the *Lectric-gloves* without the *Lectric-vest*, the section of wire that runs down the chest will be longer, have a switch in it and plugs directly into the *battery cord*. If using the *System 1* or *System 2 Lectric-vest*, snap the glove leads on the vests' back shoulder panel and thread them down the jacket sleeves the same way.

CAUTION: Use your heat sparingly. Under extreme cold conditions, especially when the remainder of your body is chilling, it may be possible to burn your hands without realizing it. Use only the wiring harness(es) provided. They divide the 12 volts between the two gloves. If either individual glove is connected directly to 12 volts, it will be damaged and will void your warranty.

CAUTION: Do not use any of the heated garments on an infant or persons insensitive to heat. Always disconnect heated clothing when leaving the motorcycle. Use no fuse larger than 10 amp in the *battery cord*.



Note:

Should any of your heated clothing fail to heat, first inspect the fuse in the *battery cord*. If the fuse tests okay and your garments still fail to heat, contact Widder Enterprise for instructions. **DO NOT** attempt repair of any *Lectric-vest*, *Lectric-chaps*, *Lectric-gloves* or *ArmChaps*. Modifying or tampering with their heating element can result in damage when used and will void warranty.