

Instructions for Installing Battery Harness

Read through all these instructions BEFORE starting

1. Turn off the vehicle, generator, or any charging source for the battery
 - a. First, from the battery disconnect the ground negative (-) cable
 - b. Then disconnect the positive (+) cable from the battery
2. Attach the positive ring terminal from the enclosed battery harness to the positive terminal on the battery. The positive ring terminal can be distinguished by the fact that it has a fuse attached to the wire. Reattach the bolt to the battery and tighten. Attach the negative ring terminal from the battery harness to the negative terminal on the battery. The negative ring terminal can be distinguished by the fact that it does NOT have a fuse attached to the wire. Reattach the bolt to the battery and tighten.
3. Secure the wire harness with cable straps. Be certain the wire harness and all cords are not pinched. The connecting plug should be easily accessible but clear of all moving parts.
4. Test the connection! Plug the Receiver to the Battery Harness. On the Single Receiver the LED should flash Red. If Solid Yellow, then the polarity is reversed, and the harness is on wrong. On the Dual Receiver the LEDs one should flash Red & the other Yellow. If the clear lens LED is Solid Yellow instead of Blinking Red, then the polarity is reversed, and the harness is on wrong.
5. **ALSO! IF YOU START HAVING THE RECEIVER GOING TO FULL HEAT WHEN YOU PLUG IT IN AND CAN'T CONTROL IT WITH THE REMOTE, THEN CHECK TO SEE IF, IN SERVICING THE BIKE, YOU OR THEY PUT THE BATTERY HARNESS ON BACKWARDS. REVERSE POLARITY!**
6. **CAUTION:** It is possible to overload your charging system by adding too many electrical accessories. If your combined accessories use more electrical current (Amps) than your charging system can produce, the consumption can discharge the battery leading to electric system damage. Ask your dealer or check your owner's manual for advice about the amount of current consumed by additional electrical accessories.

YOUR REMOTE HEAT-TROLLER COMES ALREADY SYNCED

Use Instructions for the Remote Control

1. On the Dual Remote, turn the red knob on to start power to the liner, yellow to the secondary item. On the Single Remote, the single knob controls it all.
2. In order to extend the Remote Control units battery life, the LED only turns on when the switch is moved. It will stay on for about a second after you move the switch. If the Receiver is plugged to power and working properly, then it will send back a signal to the Remote and cause the LEDs to blink 3 to 6 times depending on how you turn the knob. If the battery in the Remote is getting low, this activity will cause a rapid double blink of the LED.
3. The Remote will automatically turn off after losing connection with the Receiver for 30 min. Meaning that if you stop and unplug the Receiver from power, leaving the Remote still turned on, if you take less than 30 min, when you plug the Receiver back in to power, it will go back to the same setting you had it at. More than 30 min, then the Remote will turn off. You need to turn the Remote switch to off and then on to get it turned on.
4. The Single and Dual Remote both use two AAA type batteries. To protect the Remote from damage by leaking batteries, remove the batteries from the Remote any time you stop using it for two months or more.
5. For safety reasons, the Heat-troller Remote Control, when in use, should be somewhere it can be seen and easily adjusted. That means NOT put in the pocket of clothing, down the jacket, in a tank bag, or anywhere one cannot reach it easily to change the heat while the Heat-troller is being used! We include Velcro with it so you can mount it, to reach with the left hand where it can be adjusted easily. On top of the Clutch reservoir is where I put it.

The O-Ring and the Knob: There is an O-ring under the knob. You can loosen the knob and adjust the O-ring to make the knob turn harder or softer! If the knob turns too tight then adjust the O-ring

Installing Your Heat-Troller Receiver in the Jacket Liner

This is important! Install the Receiver in the Jacket Liner Only. If you have a Question, contact us.

1. In our Liners, there is a receiver pocket in the left side hand pocket that is designed to store the Receiver. Once installed, you never have to remove it if you follow proper care instructions.
2. The Receiver slips in to the 'receiver pocket' found in the left side hand pocket. There is a slit in the bottom of the that pocket for wires to exit. (See the drawing with the liner instructions)
3. Once in the pocket, attach the grey jack to the red main power plug in the liner pocket. The grey jack from the receiver is for powering the liner and any other items attached to the liner power circuit.
4. If you have the Dual Remote, then continue. Locate the buttonhole in the left side hand pocket. They are below the sewn in pocket to hold the receiver. Another buttonhole is inside the accessory pocket, the small zippered pocket in the inside lower left lining. You will need to take the cable with the black jack and push it through the button holes from the hand pocket into the accessory pocket so that the jack exits into the accessory pocket. This will allow you to control whatever items you want to control separately, such as the gloves, pants or socks.
5. The Remote Heat-troller comes to your already synced and you never, ever, need to do it again unless you upgrade it. To use the Heat-troller, connect the Red plug from the Receiver to the battery harness or DC power source. The LEDs on the Receiver will flash when turned on. If you Reversed the Polarity to the Receiver, then the Channel 1 Red LED will turn Yellow and in the case of the Dual Remote, the Yellow Channel 2 LED will turn off.
6. AS A SAFTY FEATURE, the J.I.C., Just In Case you lose the Remote! Every time the Receiver is plugged to power, it will go to 1/3 power until you turn the Remote control on. Once the Remote Control is on, the Receiver will be controlled by it. If you want no heat, turn the Remote to Off. The only exception is if you left the Remote turned on and have not had the receiver unpowered for more than 30 min. In that case, the Receiver will go back to the power setting it was at before you unplugged it.

Installing Your Heat-Troller Receiver in the Heat Layer Shirt

1. The Remote Receiver is designed to go into the side pocket of the Heat Layer Shirt. If a Dual Receiver, then plug the Red/Grey Jack to the Red Plug and the Black/Yellow Jack to the Black plug. If using the Single Receiver, then use the included Y cable and connect it to the Red & Black Plugs. Connect the Red/Grey Jack on the Receiver to the Y cable.

2. Plug the Red Receiver Plug into the power source. The LEDs in the Receiver will blink when in use.

When using the Remote Heat-Troller with clothing made by another company, you need to be a little more inventive, but we are sure you can figure it out.

Warranty Information

If this unit fails due to faulty parts, design or manufacturing within 3 YEARS of your purchase date we WILL replace or fix it. BUT all warranties will be voided IF the following guidelines are not followed:

- Do not cut any of the wires or connectors!
- Only use the battery harness, cigarette plug adaptor, or BMW® power port adaptor MADE BY US to power your Heat-Troller! Attempting to use a home-made BMW® or cigarette plug adaptor could void the warranty.
- The Heat-Troller should be installed in accordance with the enclosed instructions. Do not use a fuse block to power heated clothing. BMW CANBUS may not be able to handle the draw. We are not responsible for units damaged by incorrect installation, improper use or shorts in the clothing caused by tampering.

For all issues contact us at www.warmnsafe.com • infows@warmnsafe.com • or call +1(702)357-8664

Designed & Manufactured By Warm & Safe Heated Gear, LLC