

MOTORCYCLE PRODUCTS

Motorcycle Grip Heater Kit for Harley with Four-Level Controller (211055, 211056, 212055, 212056)

My grip heaters are not getting warm.

Metal grips or grips that have air pockets do not let the heat transfer through the grips well. Remove the grips and make sure that the handlebar is heating up. It should be very hot to the touch. If the handlebar is very hot, the heaters are working properly and different grips will be required. All rubber grips are suggested for the best heat transfer.

The kit is installed, but the heaters do not heat up or the controller LEDs do not light up.

Make sure there is connectivity across the thermal fuse that is glued inside of the left side heater. The thermal fuse has a red wire soldered into one side and a white wire soldered into the other side.

Check the red and yellow push pin connectors to make sure they are pushed in all the way with the wires inserted all the way into the connector.

Make sure that the kit is not grounded to the frame of the motorcycle.

Disconnect the red and black power wire from the current connection point. Connect the red and black power wire directly to the battery of the vehicle, red to the positive battery lead, and black to the negative battery lead.

The heaters turn on when the controller is off.

The controller is designed with the white controller wire acting as positive power both in and out of the circuit or "common", the black controller wire is ground into the controller, and the yellow controller wire is ground out of the controller. If the heaters are heating up on their own, they are grounding to the handlebar. This completes the circuit, causing the heaters to draw power with the controller turned off.

Inspect all of the wires, specifically the yellow wire, to make sure they are not pinched, snagged, or grounding out on the handlebar.

If the kit was installed on a bike with electronic throttle and used the adhesive throttle-by-wire heater, remove the throttle sensor assembly and inspect the heater. Make sure that the heater was not damaged during installation.

The controller stopped working.

Disconnect the controller from heaters, and connect it directly to the vehicle's battery. Connect the white wire to the positive battery lead and the black wire to negative battery lead. Check the voltage out of the controller with a multimeter by connecting the positive lead to the white controller wire and the negative lead to the yellow controller wire. Then turn the controller on to make sure that the controller LEDs light up and can switch through the four levels. The controller's voltage should increase from 5VDC on level 1 to 12VDC on level 4.