

Grab Some Heat

BY STEVE LITA

Heated grips are cool. Rather I mean warm. This Heat Demon kit does not replace your grips like some on the market. This kit actually fits inside your hollow handlebar and warms your stock grips from the inside (of the bar) out. The trick controller replaces a handlebar clamp on your brake master cylinder or clutch perch, or you can mount it anywhere on the handlebar using the backside clamp (included). It'll fit 1" or 7/8" diameter bars.

Two holes need to be drilled in the handlebar; this can be done with the bar still on the bike or removed to drill on a drill press. Your choice depends on how comfortable you feel drilling holes in the bar. Start with a small drill like a 3/32" size to make the initial hole. Then use progressively larger drills or a step drill to increase the hole size to 5/16". After the hole is drilled, use a round file or deburring tool to remove the sharp edges.

The four-level controller can be mounted on the left or right side of the handlebar. Choose the side and location that will provide the easiest installation and most convenient operation. The width between the holes will allow the controller to be mounted directly to the clutch bracket or brake reservoir on many Yamahas, Hondas, Kawasakis, Suzukis, or Triumphs. On other motorcycles the backside clamp and cap screws are provided to mount the controller to the handlebar. The second hole needs to be drilled into the handlebar to install the power cable from the controller. Once you decide where the controller will be mounted, center-punch and drill a 5/16" hole and deburr. A small rubber grommet is included to prevent the wires from chaffing on bare metal.

All the wires are hidden inside the bar. A wire snake is included to help you route the wires from left and right grip to wherever you decide to mount the controller. All connections are made outside one end of the bar and then tucked inside and out of the way. Fold the wires and connectors inside the round heater element and push into the end of the handlebar by squeezing together and sliding it into the bar until everything is completely inside.

Connect the red power wire to the accessory circuit of the bike near the battery or wire it directly to the battery. The Heat Demon draws 3 amps (20 watts per element), 40 watts total. There is a shut-off in the controller that will turn the unit off after two hours if no adjustments are made. Connect the black

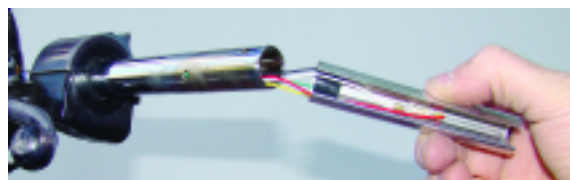


The Heat Demon comes with more than enough hardware to install it on any bike with a hollow 7/8" or 1" diameter handlebar.

wire to a good ground location with the ring terminal. Reconnect the battery cables, turn on the accessory switch, and check that the controller is wired properly by pressing the button and confirming that each time it is pressed the four lights turn on and off. With four levels of heat and built-in thermistor, this smart system allows you to set and keep your desired temperature.



Drill one small hole in the bottom side of the handlebar to snake the wires inside. This can be done with handlebars still mounted to the bike or removed. Also drill a hole for the controller wires to enter the bar near the left or right grip.



Remove the bar ends or grips, snake the wires into the handlebar, and make the appropriate connections on one end. Slide the element rolls into the ends of your bike's hollow handlebars. They fit snugly.



Each press of the button raises the temp. LEDs indicate the heat level and can be dimmed for night use. RB

Caution:

Some older motorcycles may not provide enough wattage to operate the headlight and grip warmers at the same time without dimming the headlight.