



**AVON HEATED GRIP KIT
INSTALLATION INSTRUCTIONS
PUSH-PULL THROTTLE SLEEVE GRIPS**

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This Avon – Harley Davidson Heated Grip Kit is designed to fit most Harley Davidson models using Push-Pull throttle. The heated grips are installed as replacements for the clutch and throttle side grips. The 2 level rocker style controller is mounted on the left side handlebar clutch perch.

WARRANTY AND DAMAGE: This product has a 1 (one) year Limited Warranty. The warranty does not cover misuse of this product or operation outside of the design specifications. **Avon Grips WILL NOT be responsible for damages made to products that are not installed properly.** Avon Grips products have recommended installation instructions that are written to provide proper guidelines for product installations. **Warranties WILL NOT be honored on broken or damaged electronics due to shorting or pinched wires.**

Components: The Avon Harley Davidson Heated Grip Kit includes the heated grips, a 2 level temperature controller switch that mounts in place of the clutch side perch clamp, electrical wires, connectors, and a controller.

Installation

1. Remove the seat according to the service-manual instructions.
2. Disconnect the battery, negative cable first, according to the service-manual instructions.
3. Remove the throttle and clutch side grips according to the service-manual instructions.
4. The new 2 level Controller will replace the perch clamp that secures the clutch lever bracket to the handlebar.
5. With an Allen or Torx Wrench, remove the perch clamp that holds the clutch lever bracket to the handlebar, but hold the bracket against the bar where it was mounted.
6. Attach the Controller to the clutch bracket/perch assembly while running the wires through the switch housing, into the hole in the bar, and out the end of the clutch side bar. (If your Harley bars came with a "V" in the bar, the controller wires should follow the "V" to the hole in the bar. If your bars have no hole or "V", then you must drill a 3/8" hole, see note 1.
7. Clean the handlebar of old tape or glue.
8. Tape throttle grip heater wires together and push wires through the bar and out the clutch side end of bars. Use a pull wire if needed.
9. Install throttle side grip according to the service-manual instructions.
10. Push the Power Wire from the hole at the risers, up the bar and out the clutch side, leaving the fuse end at the risers. **Leave approximately 4" of wire slack at the clutch end bar opening.** The riser end for the power wire, the fuse end, will tie into an accessory power source under the tank, or inside the fairing.
11. Either in the fairing or under the gas tank using a 2 hole connector, connect the fused red wire from the AHG module (Per. Fig 1) to a accessory circuit wire in the wiring harness. Typically orange & white that has NO POWER when the key is off. (See your service manual for additional information). Using a 2 hole connector connect the small black to ground. Using a 2 hole connector connect the small red fused wire to the orange & white accessory circuit wire. 2 hole connectors provided.
12. Next, connect the two black wires, one from the clutch side grip heater and one from throttle side grip heater. Using a 3 hole connector, connect both wires to the black wire in the heat shrink on the AHG module. Using a 3 hole connector connect both red wires to the red wire in the heat shrink on the AHG module as per. fig. 1.
13. Reconnect the battery cables. **!! Warning!!** Always connect the positive battery cable first.
14. Carefully tuck the extended wires on the clutch side grip end into the bar. Install the clutch side grip according to the service-manual instructions.
15. Test the power switch and heated grips. Turn on accessory switch and confirm that the AHG module is wired correct and the grips heat up. The grips should not heat up or come on unless the key is on.
16. Install the seat according to your service-manual instructions.