

INSTRUCTIONS: HOT GRIPS® VARIABLE HEAT CONTROLLER

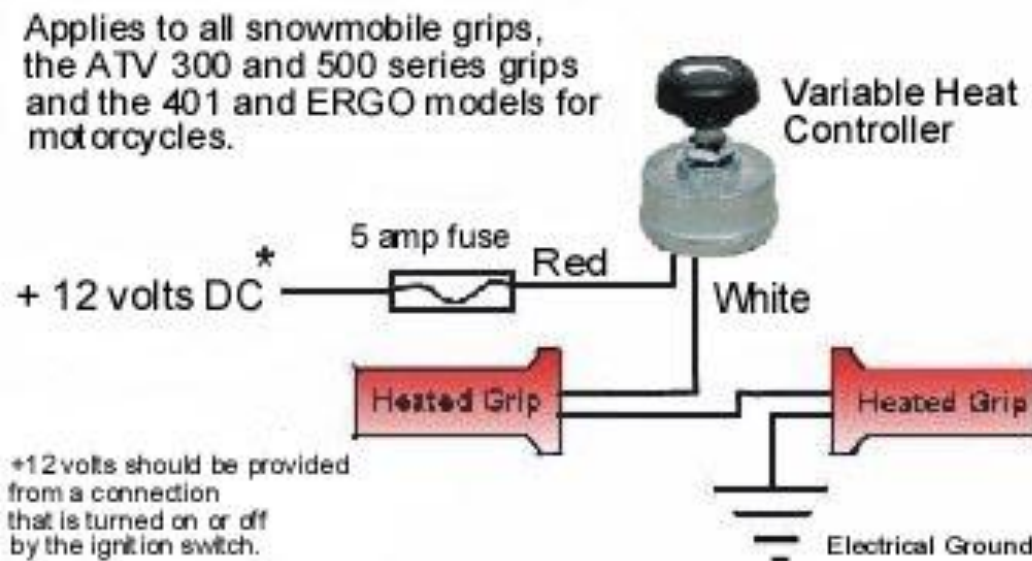
WARNING: You must install a 5 amp fuse (not supplied) prior to installing this controller.

Never install any electrical accessory to a vehicle which is not properly fused.
CAUTION: Refer installation to a qualified mechanic if you lack expertise in installing electrical accessories on your particular model of vehicle.

Applications: This controller is only for use with 12 volt DC (Direct Current), negative ground, electrical systems. Never use this controller with AC (alternating current). Never use this controller in conjunction with any type of motor. This controller should only be used to vary the heat output from a set (pair) of Hot Grips®. **No other use is approved.**

Location: Find a safe, convenient location that does not interfere with anything else on the vehicle and can be easily reached **by the operator's left hand**. Drill a 7/16" hole in that location. The knob of the controller can be removed by loosening the small screw on the side of the control knob. Washers (not supplied) may be used to vary the height of the unit.

Wiring: Connect the variable heat controller as shown in the wiring diagram: Also, reference the notes below the diagram.



Power Source: Many motorcycles/ATV's are provided by the manufacturer with a **fused** accessory electrical terminal. Consult with the manufacturer, your motorcycle/ATV dealer's service department, owner's manual or shop manual on where to obtain power for an accessory. Be sure this power source does **not** remain 'On' when the ignition switch is turned 'Off'. Otherwise, leaving the grips 'on' when the key is switched 'off' will drain the battery as quickly as if you left your headlight on.

Fuse: You **must** install a 5 amp fuse (not supplied). **The fuse must be installed PRIOR TO completing any of the other wiring.** Wire the 5 amp fuse **directly** to the accessory terminal you have chosen as your power source. A fuse is your only protection against death, injury, electrical fire and/or damage to your electrical system and the variable heat controller.

Polarity: The Red Wire from the controller **MUST** be connected to a switched, positive (+) 12 volts power source (see also: 'Power Source'). The White Wire from the controller **MUST** be connected to the grips as shown in the diagram above. There is **NO** polarity on the wires coming out of the grips.

Connections: **Solder all connections.** Cover all exposed connections with vinyl electrical tape or heat shrink tubing.

Ground: A ground connection can often be made to a metal portion of the **main frame**. Avoid using the handlebar area because they are often rubber mounted or otherwise electrically isolated. Your ground connection is important, so scrape off any paint under the contact point you have chosen. Be sure the ground connection is tight and will not loosen over time.