

Installation Instructions

Pre Test the A'ME Heated Grips First

A'ME Heated grips require 45 watts of power per pair (22.5 watts each) and draws 3.5 amps per pair @ 13 volts. **Important Note:** A'ME Heated ATV grips are programmed to monitor and protect the battery if voltage drops below 12.5 volts. **WHEN FIRST TURNED ON.** The blue LED light on the temperature control switch flashes rapidly a few times then shuts off. Turning the engine on will be necessary in order to provide sufficient voltage to power up your new A'ME heated the grips.

Connecting the Wire Harness to Battery and Grips. (A) Fasten the Wire Harness Red Fuse Lead terminal to the positive (+) battery post. Then fasten the Black ground Lead to the negative (-) battery post. (B) Plug the battery lead wire to the Temperature Controlled Switch, (C) Plug-in the four (4) Pin connector to the left hand grip, then fasten the two (2) pin connector to the Right Hand grip.

The system is now ready for Pre Test. (A) Holding both grips in one hand. Turn the system on to the first heat setting by pushing the temperature control button located on the switch down one (1) time. A blue LED light located next to the temperature control buttons will flash brightly one time, then stay on and pulse bright to dim. When the grips reach the selected temperature, the blue light will stop pulsating and remain dull blue in color. If you have successfully completed this test, turn the system off by pressing down the control button located on switch for three seconds. **Unplug both grips from the wire harness.**

1. Removing the Right throttle grip. (A) Before un-tightening throttle housing screws, Installer must first loosen factory throttle cable adjusters (see illustration #1 on next page). (B) Open throttle housing then remove throttle cables and tube. Leaving the throttle housing open, clean the inside of the housing and cable ends before continuing.

2. The installation kit includes an assortment of A'ME throttle cable cams. Choose the cam that best duplicates your stock throttle cam. (See illustration #2 on next page)

3. Check the thickness of your stock throttle cam. Some motorcycles including Yamaha, Suzuki and Kawasaki, may require adding a plastic shim washer included in the kit. This will help eliminate any side to side lateral movement. Install the shim first onto the handlebar in front of the cam and throttle grip. (See illustration #3 on next page)



1 Cable Adjusters



2 Throttle Cams



3 Throttle Housing Shim

4. Mounting the Right Grip Throttle Assembly. (A) Install the chosen throttle cam onto the throttle spline. (B) Slide the throttle assembly with cam onto the handlebar near the housing. **NOTE:** It may be necessary to slightly relocate your handlebar levers.

5. Reconnect the throttle cables. (A) Connect throttle cables onto the throttle cam then position the housing around the throttle cam assembly. **Do not bolt housing together yet.** (B) Make necessary throttle cable adjustments. (C) Twist the throttle to make sure it operates freely.

6. Position the Grip. (A) With the throttle cables connected, reopen the housing sufficiently to allow the throttle grip assembly to be pulled out of the throttle cable cam. (B) Slowly rotate the throttle grip assembly so that the grip control-wire exiting the grip flange does not interfere with the housing. (C) Reinsert the throttled grip splines into the cam then close the throttle housing and tighten the screws. (D) Twist the throttle to make sure it operates freely.

7. Installing left hand grip. (A) Cut off old grip and thoroughly clean any adhesive and residue off of the handlebar. (B) Slide the A'ME grip on to the handlebar then tighten the clamp screw firmly, (15-18 inch Lbs. of torque) enough to prevent grip movement. **Caution , over tightening the clamp screw could strip threads in clamp.**

8 . Routing the Wiring Harness (A) From the battery, route the wire harness under any plastic shrouding or gas tank following the frame or existing cables to the steering head / handlebar mount area. Make sure the wire harness does not come in contact with any sharp or hot parts (cylinder, exhaust pipe, or radiator) that may damage the harness. (B) Plug-in both leads to the grips. **Note:** Make sure the wire harness move freely and does not pull or bind when turning the bars from lock to lock position. (C) Secure wire harness to frame with Zip-Ties or electrical tape.

9. A'ME Temperature Control Switch Positioning.

Position the remote control switch on the Left-hand side of the handlebars, making sure the position of the switch will be easily accessible to the rider . The back side of the control switch has a designed slot to anchor the switch using Zip-Ties to clutch control cable or handlebar .

IMPORTANT : Make certain the Right Hand Grip heat control-wire has sufficient slack to allow full rotation of the handlebars.

A'ME Heated Grip Operating Instructions:

A'ME's thermostatic temperature control switch with micro processing circuit board. Provides six (6) available heat settings, ranging from 90 to 130 degrees F.

Temperature Control Switch >



STEP 1. Make sure the battery is fully charged and the wire harness leads are properly connected to the battery.

STEP 2. Push the temperature control button down one (1) time. This will turn the grip on to the lowest temperature setting. A blue LED light located on the grips will flash brightly one time and then stay on and pulse bright to dim while the grip comes up to the set temperature. When the temp setting is reached the blue LED will stop pulsating and remain dull in brightness. Press the button again and the LED light will flash two (2) times to indicate level two (2). Push again and the LED will flash three (3) times to indicate level three (3) and so on up to the hottest setting, level six (6). At level six, pushing the button again will return the heat setting back to level one (1). **NOTE:** It is recommended that rider start at level one or two to determine the most comfortable setting.

STEP 3. To turn the grips off simply push and hold down the temperature control button until the blue LED turns off. (Approximately 3 seconds).

IMPORTANT: Many riders have a battery charger at home to keep the battery freshly charged. It is important to shut off the grips before charging. This will prevent the grip system from automatically turning on while battery is being charged.

At the end of each ride, always turn the grips off, by manually holding the controls switch button on for three seconds, This will insure the battery charge will be strong for your next ride



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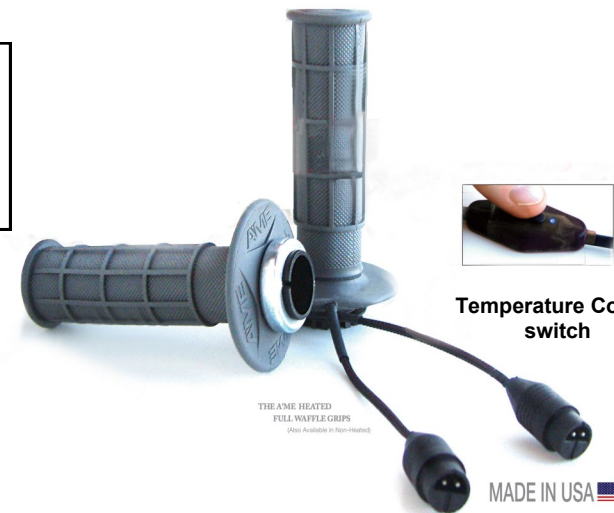
MC Heated Full Waffle Grips

Installation and Operation Guide.

A'ME Heated Full Waffle Grips for 12 volt, Electric Start/Charging Systems.



Universal Throttle Cam Kit



Temperature Control switch



Heated Full Waffle Grip (Black) Right Hand	Part #	AGHFWB16-R-RH
Heated Full Waffle Grip (Black) Left Hand	Part #	AGHFWB16-R-LH
Heated Full Waffle Grip (Grey) Right Hand	Part #	AGHFWG16-R-RH
Heated Full Waffle Grip (Grey) Left Hand	Part #	AGHFWG16-R-LH
External Control Switch	Part #	AME-RSA-ALTRN16
Split Wiring Harness / AME-Fuse-Holder	Part #	AME-FUSE-HLDR 16
Universal Throttle Cam Kit	Part #	AME-THROT-KIT

Special Notice: Read instructions carefully. If you do not feel confident installing you're A'ME heated grips, please seek professional assistance from your local dealer or repair shop.