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# ATV - Snowmobile

**ERGO-TRI and 1.3 TRI**

**Installation and Operation Guide.**

**For ATV- Snowmobile with 12 volt,  
Electric Start/Charging Systems.**

## Chicane Heated Sport Bike Grips



< Universal Throttle  
Cam Kit

## Heated Full Waffle Grips



Temperature Control Switch

**ERGO-TRI Grey**



### Grip kit Part Numbers

Heated ATV ERGO-TRI Grip (Black) Right Hand	Part #	AGHATVETB16-R-RH
Heated ATV ERGO-TRI Grip (Black) Left Hand	Part #	AGHATVETB16-R-LH
Heated ATV ERGO-TRI Grip (Grey) Right Hand	Part #	AGHATVETG16-R-RH
Heated ATV ERGO-TRI Grip (Grey) Left Hand	Part #	AGHATVETG16-R-LH
Heated ATV 1.3 TRI Grip (Black) Right Hand	Part #	AGHATV1.3TB16-R-RH
Heated ATV 1.3 TRI Grip (Black) Left Hand	Part #	AGHATV1.3TB16-R-LH
Heated ATV 1.3 TRI Grip (Grey) Right Hand	Part #	AGHATV1.3TG16-R-RH
Heated ATV 1.3 TRI Grip (Grey) Left Hand	Part #	AGHATV1.3TG16-R-LH

Split Wiring Harness  
External Control Switch

Part # AME-FUSE-HLDR 16  
Part # AME-RSA-ALTRN16

**A'ME Grips**  
(A'ME is a trademark and brand name owned by Gripos, LLC)  
GRIPOS, LLC. 6155 Sage Brush Street, Las Vegas, Nevada 89120  
Tel. (702) 690-2993 Fax (702) 924-2582  
[www.amegrips.com](http://www.amegrips.com)

[technicalsupport@griposusa.com](mailto:technicalsupport@griposusa.com)

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

# Installation Instructions

## Pre Test the A'ME Heated Grips First

A'ME Heated ATV 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 battery levels and will automatically shut off 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 to provide sufficient voltage to power up your new A'ME heated grips during the pretesting.

**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 Old Grips.** (A) Cut off grips and thoroughly clean old adhesive and residue off of the handlebar. (B) It is recommended to chamfer the handlebar end to reduce risk of damage to the inside diameter of the new grips. **NOTE:** It may be necessary to slightly relocate the throttle control levers so there is a 1/16" gap between the grip and control lever clamp.

**2. Install New A'ME Grips.** (A) A'ME grips were designed with tapered ends in order to fit snug at the end of the handlebars. To insure the end of grip butts against the handlebar, the installer must push and twist until the grip butts against the handlebar end. **NOTE:** Some handlebars have very aggressive knurling on the grip mount area. It may be necessary, using a flat file, to knock down the peaks of the knurled surface so the A'ME grips will slide onto the handlebar. **NOTE:** It may be necessary to slightly relocate the throttle control levers so there is a 1/16" gap between the grip and control lever clamp. (B) 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.**

**3. 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.

### 4. 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

Temperature Control Switch >



## A'ME ATV Heated Grip Operating Instructions:

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

**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 located on the switch down one (1) time. This will turn the grips on to the lowest temperature setting. A blue LED light located on the switch 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, indicating level two (2). Push again and the LED will flash three (3) times to indicate level three and so on up to the hottest setting, level six (6). **NOTE:** It is recommended that rider start at level **One** or **Two** to determine the most comfortable setting.

**STEP 3. To Turn 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.

**WARNING: FOR SAFETY PURPOSES. Do not attempt to change the grip heat settings while riding. ALWAYS STOP first.**

**Note: Always test throttle response before attempting to ride.**

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