



## Star / Trail Star Handguard Mounting Kit - Snow

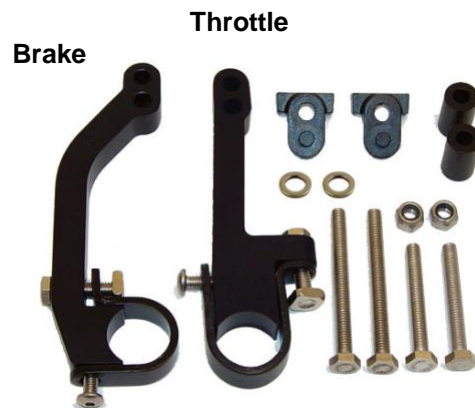
### Installation Instructions for Part No. 34250 (Snowmobiles)

#### HARDWARE INCLUDED:

Qty	Description
1	Straight Aluminum Bracket - throttle side
1	Curved Aluminum Bracket -brake side
1	Steel Strap long – throttle side
1	Steel Strap short – brake side
2	M6 x 65mm Hex Head Bolts
2	M6 x 45mm Hex Head Bolts
2	M6 x 25mm Hex Head Bolts
2	M5 x 10mm Button Head Screws
2	M6 Lock Nuts
2	Square Nuts
2	Anti-spin Spacers
2	Flat Washer
2	Long Spacers

#### TOOLS REQUIRED:

- 3mm Hex Wrench
- 10mm Wrench (2)



### **READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLATION!**

**NOTE:** PowerMadd's mounting brackets are designed to mount to the bare handlebar somewhere near your grip and the controls. You will need ½" of space to mount the bracket.

#### **RIGHT / THROTTLE SIDE BRACKET (PHOTOS 1-3)**

The throttle side bracket is designed so that it can be mounted between the grip and the throttle block. Some snowmobiles may require moving the throttle block over and away from the grip to create the ½" of space needed for the bracket to mount (photo 2). You may even need to cut off some of the grip, but be careful not to cut any hand warmer wires. On most newer sleds, the optimal mounting location for the bracket is on the inside of the controls (photo 3). Once you have found the optimal location to mount the bracket, proceed to step 1.

**STEP 1:** Slide the long steel strap onto the handlebars. Any wires should go outside the strap.

**STEP 2:** Attach the straight aluminum bracket to the strap by inserting the short M5 screw and tighten it with a 3mm hex wrench.

**STEP 3:** Insert the M6 x 25mm hex head bolt with the flat washer through the bracket and the strap. Thread it into the square nut and tighten. This adjustment bolt is used to achieve the desired tightness of the mount. For now, leave the bracket loose so you can adjust the position up or down after attaching the handguard to the bracket.

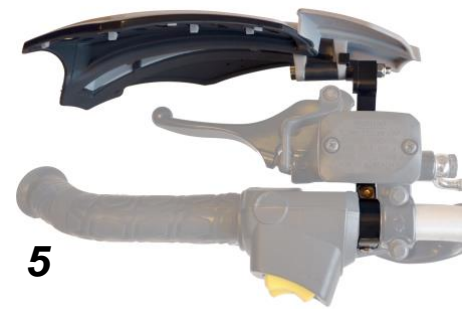
#### **LEFT / BRAKE SIDE BRACKET (PHOTOS 4-6)**

The brake side bracket is designed to mount between the controls and your grip or wherever there is ½" of space that is as close to the end of your bar as possible. You may need to move your brake perch over. Once you have found the optimal location to mount the bracket, proceed to step 4.



**STEP 4:** Slide the short steel strap onto the handlebars. Any wires should go outside the strap.

**STEP 5:** Attach curved bracket to the strap the same as in **STEPS 2 & 3.**



## **HANDGUARD MOUNTING**

**STEP 6:** The 4 pictures below show the options for mounting the handguard to the bracket. These options allow you to move the handguard right or left depending on the position you prefer. Hold the handguards up to the mounted brackets to decide which mounting option to use. Then follow the instructions below for the option you have chosen.



When mounting the handguard to the bracket, make sure the anti-spin spacer is positioned so that the pin goes into the back hole of the bracket and the bolt goes through the front hole. The anti-spin spacer should be positioned so that the tab goes over one of the handguard tabs as shown in the Option photos below.

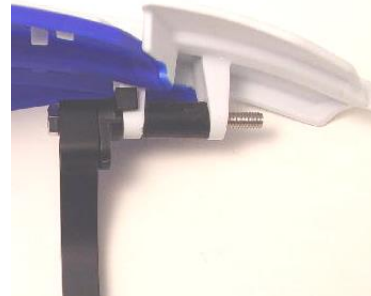
Option 1



Option 2



Option 3



Option 4



**Option 1 & 2 - RECOMMENDED:** The strongest mounting option is to have the bracket and anti-spin spacer inside the handguard tabs. Thread the M6 x 45mm hex head bolt through the handguard tab, the anti-spin spacer, bracket, and then the other tab. Thread the lock nut onto the bolt and tighten using 10mm wrenches.

**Option 3 & 4:** Position the anti-spin spacer on the bracket and handguard tab. Thread the M6 x 65mm hex head bolt through the bracket, anti-spin spacer and handguard tab. Insert the long spacer in between the handguard tabs and continue to thread the bolt through the long spacer and the other handguard tab. Thread the lock nut onto the bolt and tighten using 10mm wrenches.

**STEP 7:** Adjust both handguards to the desired up/down position by spinning the bracket on the handlebar. Once in position, use a 10mm wrench to tighten the M6 x 25mm hex head bolt on both brackets. **DO NOT** over tighten the mounts, you want them tight enough that they won't move if you land hard or hit a big bump, but you don't want them too tight that they won't rotate if you were to crash.

**STEP 8: All fasteners may need to be retightened after the first ride.** Check the tightness of the bracket and handguard before each ride.

### **Fitment Issues**

Arctic Cat ProCross/Climb; Polaris Axys and Matryx; Yamaha SR Viper and Sidewinder – Use the Sentinel Handguards

## **LIMITED WARRANTY**

**POWERMADD** warrants this product to be free from defects in material and workmanship under use for the purpose it was intended. **POWERMADD** shall not be liable for damage or injury caused by defective materials or workmanship. **POWERMADD** may elect to repair or replace this product, but is the sole judge of any defects in their product. This warranty does not cover any labor costs to remove or reinstall this product and is effect for one year from the original purchase date.