



# Sentinel Handguard Mounting Kit - Snow

## Installation Instructions for Part No. 34450 (Snowmobiles)

### HARDWARE INCLUDED:

Qty	Description
1	Straight Aluminum Bracket - throttle side
1	Aluminum Bracket -brake side
1	Steel Strap long – throttle side
1	Steel Strap short – brake side
2	M6 x 75mm Hex Head Bolts
2	M6 x 25mm Hex Head Bolts
2	M5 x 10mm Button Head Screws
2	Flat Washers
2	M6 Lock Nuts
2	Square Nuts
4	Large Spacers
4	Small 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 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 brake side bracket to the strap the same as in **STEPS 2 & 3**.



### **HANDGUARD MOUNTING**

**STEP 6:** The handguard mounts onto the bracket as shown in the photos below. Hold the handguard up to the mounting bracket and determine the optimal location. The optimal location is a personal preference. For the best hand coverage, the end of the handguard should extend beyond the handle bar about 1". Once you have determined the location of the mounting bracket within the handguard mounting tabs, slide the M6 x 75mm bolt through one mounting tab and use the available large and small spacers to position the bracket in the desired location (All spacers need to be used). There are 9 possible positions available. Repeat step 6 for both sides.



**STEP 7:** At this time go back and check the torque of all fasteners. All fasteners may need to be retightened after the first ride. Check the tightness of the bracket and handguard before each ride.