



## Star / Trail Star Handguard Mounting Kit for ATVs & Motorcycles

### Installation Instructions for Part No. 34252

#### HARDWARE INCLUDED:

Qty	Description
2	Aluminum Brackets
2	Steel Straps
2	M6 x 65mm Hex Head Bolts
2	M6 x 45mm Hex Head Bolts
2	M6 x 25mm Hex Head Bolts
2	M6 Lock Nuts
2	M5 x 10mm Button Head Screws
2	Anti-spin Spacers
2	Flat Washer
2	Long Spacers



#### TOOLS REQUIRED:

- 3mm Hex Wrench
- 10mm Wrench

#### READ ALL INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION!

**NOTE:** PowerMadd's ATV/MX kit comes with two bent aluminum brackets which will angle the handguards away from the end of the handlebars to allow room for clutch and brake levers. *The brackets can be positioned to go over the top or underneath the levers, but both brackets must mount the same way.* To mount the handguards you will need to find ½" of space on the bar as close to the handgrip as possible. You may need to move your levers, throttle blocks, etc. in order to make room for the mounting bracket. **Note: This mount kit will not work on 2007 and up Yamaha Grizzly. Please use the Tri-Mount 34269.**

The photos shown are of an ATV installation. This is due to the fact that ATVs tend to have more controls attached to the bar, making installation a bit more challenging. The same steps apply to motorcycles.

#### RIGHT / THROTTLE SIDE BRACKET

**NOTE:** Many ATVs and motorcycles have a tab that protrudes from the throttle assembly which spaces the brake perch an exact distance from the throttle (Photo 1). This is to speed up assembly at the factory and can be removed. If you don't want to remove the tab, you can slide the brake lever perch over or mount the handguard bracket on the inside of the brake perch. Once you have found the optimal location to mount the bracket, proceed to step 1.



Photo 1 - front view of ATV throttle

**STEP 1:** Slide one of the steel straps onto the handlebar. Any wires should go outside the strap.

**STEP 2:** Attach the bracket to the strap by inserting the short M5 button head screw and tighten it with a 3mm hex wrench. Make sure the bracket is angled toward the center of the machine (Photo 2).

**STEP 3:** Insert the M6 x 25mm hex head bolt with the flat washer through the bracket and thread into the strap. 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.

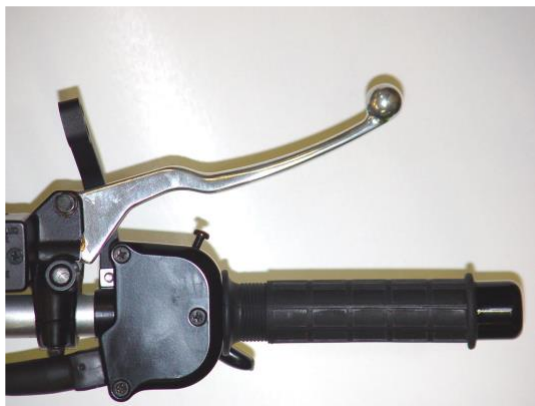


Photo 2 - top view of ATV throttle - bracket is positioned under the brake lever and angled toward the center.



Rear view of ATV throttle - mount bracket is positioned under brake lever.

## LEFT / CLUTCH SIDE BRACKET

**NOTE:** On most ATVs you will have to move the clutch (or brake) perch over to create a gap between the perch and grip/control assembly to mount the bracket. On some models the bracket may work on the other side of the perch.

**STEP 4:** Slide the other steel strap on to the handlebar in between the clutch perch and the grip. Any wires should go outside the strap and bracket.

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



**Right side view of ATV - bracket is positioned under brake lever and angles toward center.**

## 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



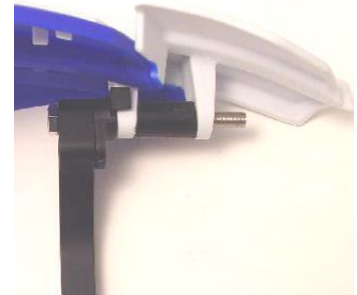
Option 2



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 so 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

Kawasaki Brute Force – requires additional mount. Call PowerMadd 651.462.8465  
Kawasaki KFX 700; Yamaha Grizzly '07-'14 – Use Tri-mount 34269

## 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.