

# POWERMADD® Hand Wrap Kit

## Installation Instructions for Part No. 14253

**NOTE:** This kit is an accessory to the Star Series Handguard and Handguard Mounting Kit. It is designed to be a removable system if desired. The Hand Wrap brackets can be installed for woods riding or they can be removed and the knobs can be installed for MX riding.

### HARDWARE INCLUDED:

Qty	Description
2	Brackets
2	Flat Head Screws
2	Button Head Screws
2	Clamp Inserts
2	Cone Inserts
2	Rubber Hose
2	Flange Nut
2	Handlebar Knob
2	Flat Washers

### TOOLS REQUIRED:

Power Drill
3/16" Drill Bit
1/4" Drill Bit
5mm Hex Wrench
4mm Hex Wrench
Hack Saw
Utility Knife



**NOTE:** Both Hand Wrap brackets have a bend next to where they mount to the handlebar to give relief for the hands. One bracket is specifically for the throttle side and the other is for the clutch side. These instructions will explain how to install one side. Then repeat the instructions for the other side. You must have hollow handle bars for this system to work.

**STEP 1:** Take one of the Hand Wrap brackets and clamp the end without the threaded hole into a vise. It will require two hands to drill the hole in the handguard for mounting the bracket.

**STEP 2:** The end of the bracket with the threaded hole fits into the backside of the handguard. With a 3/16" drill bit and using the threaded hole as a guide, drill through the handguard as you hold it up to the bracket.

**STEP 3:** Remove the handguard from the bracket and use a 1/4" drill bit to increase the size of the hole drilled in the handguard from **STEP 2**. Repeat **STEP 1-3** for other handguard.

**NOTE:** If your handlebar setup already has holes in the end of each grip, skip to **STEP 5**, otherwise continue with **STEP 4**.

**STEP 4: Clutch Side:** Cut or drill a 1/2" hole in the end of the grip or completely cut the end of the grip off. The best way is to drill a hole in the grip.

**Throttle Side:** Remove the throttle tube from the handlebars. Cut or drill a 9/16" hole in the end of the grip and throttle tube or use a knife to cut off the end of the grip and a hack saw to cut off the end of the tube. Then reinstall the throttle tube onto the handle bars.



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**STEP 5: Aluminum Handlebars:** Assemble the Hand Wrap clamp onto the bracket by inserting the flat head screw through the bracket and threading into the cone (as shown in picture). Slide the washer onto the clamp and insert the clamp assembly into the end of the handlebar and tighten the flat head screw with a 5mm hex wrench so the bracket is slightly loose.



**Steel Handlebars:** Assemble the Hand Wrap clamp onto the bracket by inserting the flat head screw through the bracket, sliding on the rubber tube and threading the flange nut onto the screw (as shown in the picture). Insert the clamp assembly into the end of the handlebar and tighten the flat head screw with a 5mm hex wrench so the bracket is slightly loose.



**Helpful Hint:** Apply lubricant between the flat head bolt and the bracket. This will enable you to get the hand wrap clamped tighter to the handlebars.

**STEP 6:** Attach the handguards to the bracket with a button head screw and 4mm hex wrench. Then rotate the handguards to the final desired position and tighten the clamp screw until the brackets don't move.

**STEP 7:** Use the Handguard Mounting Kit (Part No. 14251 for motorcycles or 14252 for ATVs) to finish mounting the handguard to the handlebars. Choose the desired bracket and mounting location and follow the installation instructions from the Handguard Mounting Kit to complete the installation. **Helpful Hint: Attach the mounting bracket and strap to the handlebar first. Then flex the handguard to line up the holes in the mounting bracket to the mounting holes in the handguard.**



**STEP 8:** If you wish to use the knobs rather than the brackets, simply uninstall the brackets and replace them with the knobs utilizing the same handlebar clamps that fasten the brackets to the inside of the handlebars.

**Helpful Hint:** To remove the clamp from inside the handlebars, first loosen the flat head screw 3 - 4 turns, then hit the head of the screw to push the cone further inside, then the clamp will slide out.

#### 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.

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