



## Handguard Installation Instructions

Warning! Improperly installed handguards may adversely affect your ability to control the motorcycle. Have your handguard installed by a licensed motorcycle dealer.

Note: When installing handguards on Magura brand tapered handlebars, DO NOT SHORTEN THE ENDS OF THE HANDLEBARS. In order to insure proper handguard fitment, they must remain standard width. On most other brands of handlebars it is possible to cut up to a maximum of 3/8" off each end of the handlebars if desired, and still achieve proper fitment. But before doing so slide all of the handlebar controls inward the desired location to make sure you have proper clearance and adjustability.

- 1) First it will be necessary to trim off the ends of the hand grips and throttle sleeve. Loosen the throttle and slide it off the end of the handlebar approximately two inches, and then retighten. Use a hacksaw or utility knife to cut off the very end of the throttle grip and tube (Fig 1). Using a round file, debur the inside edge of the throttle tube. Now loosen the throttle and slide it off of the handlebar. Use a rag to clean any plastic or rubber shavings out of the inside of the throttle tube.
- 2) Slide the throttle back on to the handlebar, leaving about a 1/8" of handlebar sticking out of the throttle tube, and retighten the throttle (Fig 2). Note: Make sure that the throttle turns smoothly and returns back to the closed position on its own. If not remove the throttle again and make sure there are no burrs or debris on the inside of the throttle tube. Repeat step #2.
- 3) Use a utility knife and cut off the very end of the clutch side grip.
- 4) The handguard bars come as a left and right, there will either be a brand identification decal on the right bar or brand laser etching on both bars. In either case just be sure that the letters from the identifying marks are facing up. If you have aluminum handlebars, slide the aluminum taper lock expanders in the ends of the handlebars and tighten with the supplied 5mm hex key, making sure that are parallel with the ground when your bike is sitting up straight on a stand. If you have steel handlebars, remove the aluminum taper lock expanders and replace with the rubber expansion lugs and serrated nuts, then slide them in to the ends of the handle bars and tighten with the supplied 5mm hex key. (Note: Contour handguards will have a larger aluminum taper lock for use with steel handlebars)
- 5) Next you will need to mount the clamping system around the handlebar at the inner handguard mounting hole. Make sure that you have the correct mounts for the brand handlebars that you are mounting them to. For 7/8" handlebars that have a crossbar the mounting clamps will have no markings, Magura tapered and Moose brand flex (except CR-HI bend) will be marked with a MA, Renthal fat bars and Tag bars with a RE and Pro Taper and Moose CR-HI with a PT.
- 6) Once you have determined that you have the correct mounting hardware, place the clamps around the handlebar with the half moon piece to the back side of the handlebars. Make sure that the letters on the two halves of the clamps are adjacent to each other and are facing the inside of the motorcycle (Fig 3).
- 7) Align the front of the clamp with the inner handguard mounting hole and start the supplied 8x25mm button head bolt. Then using the supplied 6x25mm Allen head bolts, tighten the two halves of the clamps together. (Note: Depending on handguard and handlebars position it may be necessary to tighten the two bolts back and forth drawing the clamp together and actually molding the clamp around the tapered bar.)
- 8) Finish by tightening all of the mounting bolts and making sure that you have proper clearance to your control levers, cables, wiring, fuel tank, etc.

### Warranty & Disclaimer

Moose Racing will not be liable for personal injury, property loss or damage caused by the use or misuse of any product we manufacture or sell. Moose Racing will repair, replace or pro-rate any product found to be defective in material or workmanship, subject to our inspection for a period of 30 days from time of purchase. Note: Any attempted repairs or modifications made to Moose Racing products will void any & all warranties. Other products not manufactured by Moose Racing are subject to the individual manufacturer's warranty.

For any other questions please contact us at [moosecomments@mooseracing.com](mailto:moosecomments@mooseracing.com)



(Fig 1)



(Fig 2)



(Fig 3)