

Instruction Sheet for MAXM MX-1, MX-5, & MX-6 Handlebars

General Warning

An Inability to Follow these Instructions could cause Product Failure!

Product failure could occur with the handlebar, stem, or other parts of your bicycle. Failure is usually a bad thing.

Loss of control could occur from product failure and subsequent bodily harm or serious injury could result. You could die and that would also be bad.

Read Instructions Thoroughly before Installation

There are many important details to installing this product correctly and safely. If you assume you know what you are doing, and bypass these details, you have assumed too much.

Cautions

Installation by a Qualified Mechanic!!!

Qualified mechanics are trained in the mechanics and specifics of bicycle maintenance. They also use torque wrenches for the application of each component and do so to the manufacturer's specification. Anyone else is a hack. Not that there is anything wrong with being a hack, but it may void your warranty.

No Liability by MAXM for Installation by Unqualified Persons.

We do not take responsibility for anything that may result from work done by a non-qualified (hack) mechanics.

Proof of Purchase Requirements

You must retain your original receipt or bill of sale for any warranty claim. A copy of this receipt must be presented with any product return. Product claims should be made with and through the retail establishment of original purchase.

Installation Instructions

Removal of Old Equipment

Old handlebars should be properly removed with appropriate tools. Reusing the old handlebar is risky, and we recommend destroying it.

Inspection of other Components that Interact with the Handlebars

Stem, bar ends, brake levers, shifter levers and mounts, or anything else that mounts on the handlebar.

Check for burrs or sharp edges on any interacting componentry. These can cause stress risers and stress risers can cause failure. Remember what we said above? Failure is bad.

Remove or fix troubled areas. Smooth the troubled spot by buffing, or sanding with a super fine grit emery paper.

Appropriate Clamp Diameters

25.4mm or 1" for the stem clamp and 7/8" for any hardware clamping near the grip area of the handlebar.

Installation Specifics

Install the handle bar to the stem manufacturer's specifications for technique and torque. Do the same for any additional hardware being mounted to the handlebar (i.e. shifter, brake levers, etc.). Qualified Mechanic's know this stuff. Hack's don't.

Torque Requirements

Over torquing is the number one reason for most component failures. Be sure to torque all bolts to the specified torque requirements for each component's manufacturer. If you do not have access to a torque wrench, do not attempt to do this by feel. Insure that a qualified mechanic uses a torque wrench during assembly.

Bar end Requirements

Certain bar ends are not acceptable due to their clamping design. These primarily are those whose

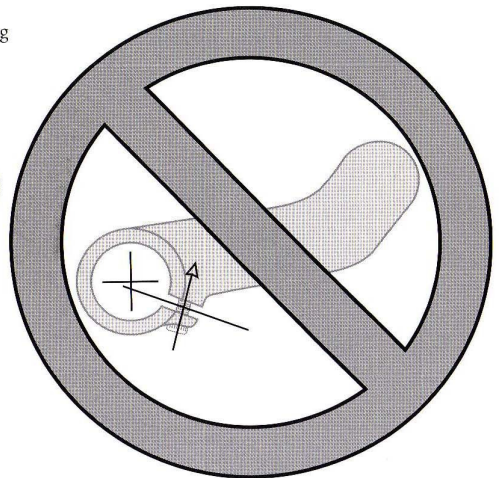
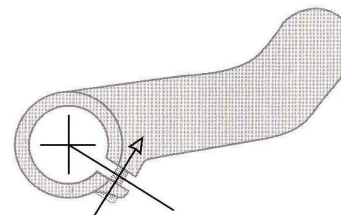
clamping mechanisms do not bring the material being clamped together at a right angle as compared to the center of the handle bar and the slot for the clamping piece. **See diagram.** Unfortunately, many forged bar ends exhibit this type of slot. Some of the following manufacturers also have made some clamps of this nature: Titec, onZa, and Ritchey. Clamps of a proper nature tend to be extruded or machined clamps like those used by Icon, ControlTech, and Craig MetalCraft. We also recommend that the bar end clamp have a minimum width of 20mm.

Cutting Instructions

Each MAXM Handlebar has its own specifics as to how much bar can be cut.

The XC Flat Handlebar, model MX-1, has bar-end reinforcements built into the lay up of the carbon structure. These reinforcements are **50mm** long for each side of the bar. Measure your bar end's clamping requirements and add 7mm. This much of the reinforcement area must be left intact to use bar ends and retain your warranty. For example, if your bar end measured 20mm in width, you would add the 7mm to come to 27mm. The most you should cut from the end of the handlebar is 23mm (50mm - 27mm = 23mm).

For the both riser handlebars we do not recommend the use of bar ends. Therefore there are no restrictions as to how short you can cut your bars. Just remember to make sure you have enough length in the straight section to install grips, and all the shifting and braking accessories, before you come to the bend in the bar.



All handlebars should be cut with a hack saw using a 32 teeth per inch standard blade, or a "diamond wire" blade. Special care should be made at the completion of the cut to not splinter the edge of the handlebar. Extra Fine Grit sand paper should be used to finish off the cut edge and remove any burrs or sharp edges.

Warranty

Limited Lifetime Warranty

Proof of Purchase Required for any Claim

You must retain your original receipt or bill of sale for any warranty claim. A copy of this receipt must be presented with any product return. Product claims should be made with and through the retail establishment of original purchase.

Warranty for Original Owner

Warranty coverage only applies to the original purchaser of the component. No ands, ifs or butts.

Warranty Coverage for Defects in Material and Workmanship

We do not warranty for crashes, riding defects or defective riders.