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## **Bar End Installation Instructions-X-Heavy 7/8" Universal**

Unpack the bar ends. The following parts should be in the kit:

**2 bar ends**

**2 stainless steel washers**

**2 stainless steel Allen bolts**

**2 steel collars**

**2 rubber expansion sleeves**

**2 flanged grip nuts**

**1 1/4" Allen Key**



1) The HVMP bar ends will arrive essentially fully assembled. In some instances your motorcycle may not have stock bar ends or handlebar end caps. If this is the case you may have to carefully cut out the end of your handgrip in order to be able to insert the HVMP bar end weight. Remove both stock bar ends or handlebar caps.

2) Insert HVMP bar end assembly into the handlebar.

3) Position the HVMP bar end assembly so that it is almost fully inserted into the handlebar, but with a 1/4 inch space between the grip end and HVMP bar end.

4) Gently start tightening the bolt using included 1/4" hex key. (**Do not overtighten**). Tighten it just enough that you so the HVMP bar end is firmly in place without any side to side or up and down movement, and cannot be pulled out of the handlebars. Note: If it does not appear that the bolt is tightening remove the HVMP bar end assembly and hand snug the flanged grip nut.

**\*\*\*\*\*When tightening the bar end on the throttle side, you will notice that as the rubber expansion sleeve starts to expand it may try to draw the whole assembly inward closer to the grip. This is significant, since you do not want the HVMP bar end assembly to interfere with the normal throttle movement. Please keep this in mind, and adjust the bar end assembly accordingly so that there is no interference with throttle's range of motion. This may require several tries to get just right.\*\*\*\*\***

**Once fully tightened the bar end may still be able to spin, but don't worry, this is normal and will not affect its vibration reducing characteristics.**

**Manually check the tightness of your HVMP bar ends regularly with every other gas fill up.**

5) *Care of Bar Ends:*

Being made of stainless steel, the bar ends are very corrosion resistant, but certain environments may cause corrosion after prolonged exposure. If you ride in salty conditions (by the sea shore, on salted roads, etc), it is recommended that you wipe off the bar ends at the end of each ride and certainly prior to storage. You can use glass cleaner (e.g. Windex) or a household surface cleaner (e.g. Fantastik) for this purpose. Optionally, you can occasionally spray the bar ends with WD-40 for an added layer of protection prior. If the bar ends do become marred, you can touch them up with "3M Scotch-Brite". Simply rub the "3M Scotch-Brite" circumferentially around the bar end surface – following the grain of the factory "brush marks".

**\*\*\*\*\*If your bike falls over onto the throttle side, please inspect the bar end weight for appropriate clearance between the throttle grip and/or throttle tube. The impact may have driven the bar end too far inward. If you experience any interference or binding, please remove the HVMP bar end and reinstall according to our instructions.\*\*\*\*\***

**\*\*\*\*\*If necessary to remove your HVMP bar end weight loosen bolt using included hex key just enough so that you can pull the whole assembly out of the handlebar. If you loosen it too much the nut may fall off inside the handlebars and you will have to retrieve it.\*\*\*\*\***