

# LOCBUSTR™

## BICYCLE FOLDING STEM MECHANISM

**1** - Fully insert the **LOCBUSTR™** post into the handlebar stem. Keep it aligned with the slot and two locking bolts of the handlebar stem. (See picture) Using two 5mm Allen keys tighten its two locking bolts to 135 In/Lbs.

LOCKING BOLTS A-B

**3** - Place the folding stem body over the fork steerer. Align it with the bicycle frame. Place the fork steerer cap on the top of the folding stem clamp. Insert the fork centre bolt through the axle hole. Using a long 5mm Allen key tighten it properly (tight but allowing smooth fork rotation) Now using a 6mm Allen key tighten the two bolts of the body to 75 In/Lbs.

AXLE HOLE

ADJUSTING BOLT

STEERER CAP

LOCKING BOLT C-D

**4** - Install the entire handlebar stem assembly by keeping one "Polymer Spacer" at each side on the folding stem body. Place the cap and insert the axle bolt. Using a 5mm Allen key tighten the axle bolt to create enough hold. Later you will adjust the stem and tighten the center bolt up to 60 In/Lbs.

AXLE CAP

AXLE BOLT

SPACERS

**2-In non-suspension fork:** Cut the fork steerer at 35mm above the assembled headset line using proper tool (such as Park Tool SG-6) A 1 1/8" star nut must be inserted into the cut stem using a star nut setter tool (Such as Park Tool TNS-1)

**In suspension fork:** Do not cut the steerer. Simply place the supplied 1 1/8" spacer over the fork steerer and follow step 3. The Maxarya alloy suspension fork doesn't need star nut and centre bolt. You need to install its own threaded steerer cap instead. (Using an 8mm Allen key)

**ATTENTION!** This Folding Stem Mechanism must be installed by your dealer or a professional bicycle shop. Incorrect assembly or any modifications may affect the safe steering of your bicycle causing serious accident. It may also void the warranty of your bicycle and the folding stem. Please make sure that all the bolts are properly tightened before using your bike.

Maxarya Design and Manufacturing Inc. [www.maxarya.com](http://www.maxarya.com)

**Thank you** for purchasing your new Maxarya bicycle Folding Stem Mechanism. It offers great adjustability and ease of transportation and storage for your bicycle. This instruction shows the easy installation by following 6 easy steps. Please read it carefully and keep it for your future reference.

**Tip:** When folding the entire handlebar stem horizontally for transportation/storage, you can keep the locking bolt C-D loose while the entire handlebar stem is folded. The axle bolt creates enough friction to keep the stem in place. You must tighten the locking bolt again only when you need to use your bicycle.

**6** - Installing your new **LOCBUSTR™** extends some cable stoppers distances. For proper function all the existing inners cables and **"only"** the four sections of the stem's lower cable casings have be replaced.

**5** - Now you can adjust the stem to your desirable position by holding the handlebar and moving it forward/backward. Tighten the axle bolt first. Then tighten the locking bolt (C-D) using 5mm Allen keys to 135 In/Lbs. Control the alignment of the handlebar again.