

Easton Stem

Congratulations on your purchase of an Easton stem. To ensure the best performance and longest service life from your stem, please read and carefully follow these installation instructions.

CAUTION!

All Easton products should be installed by a qualified bicycle mechanic using appropriate professional tools. **Easton assumes no liability for products which are improperly installed.**

WARNING!

Failure to follow these instructions can result in component failure. Component failure can lead to loss of control of the bicycle and result in serious personal injury or death.

1. BEFORE YOU START

- Verify that the stem's fork clamp diameter corresponds to the fork steerer tube diameter. If installing on a 1" steer tube, you must use the included diameter reduction sleeve. Position the sleeve with the slot at the clamp closing point.
- Verify that the handlebar diameter corresponds to the stem's handlebar clamp diameter: either 26.0 mm or 31.8 mm.
- Be sure that the steerer clamp surface is free of any sharp edges.
- Clean but do not lubricate the steerer tube and stem clamp surfaces, including, if applicable, both surfaces of the reduction sleeve. It is important that the contacting surfaces be abrasive enough for a secure grip.
- Make sure that all contacting surfaces of both the handlebar and stem are clean and free of any burrs or sharp edges.
- Follow the fork and headset manufacturer's instructions for installing the fork and headset, cutting the fork to the correct length, installing the appropriate star nut (steel or aluminum steerer) or aluminum expander (carbon steerer) and for adjusting the headset.

2. INSTALLATION OF STEM

- Carefully remove all stem bolts and lubricate the threaded holes, not the bolt threads, with light grease. This assures that all threads are lubricated and that excess grease is not squeezed between the bolt head and the washer. Reinsert the steerer clamp bolts enough so that they do not fall out.
- Assemble the fork and headset in the head tube and hold in place with rubber bands.
- Slide the stem over the steerer tube. Do not force open the steerer clamp to slide the stem over the steer tube.
- Finger-tighten the stem clamp bolts until the bolt head and washer seat against the clamp surface.
- Align the stem on the bike and install the top cap with the appropriate 6mm hex bolt. Using a torque wrench with a 6mm hex key, compact the headset/stem unit by tightening the bolt to the torque specified by the headset manufacturer. If the headset manufacturer has not specified torque, tighten to 10 Nm (7.4 ft-lbs).
- Using a torque wrench with an appropriate hex key, tighten the stem clamp bolts, one turn at a time in rotation, to the torque specified on the clamp surface of the stem.
- Position the handlebar so that it is centered in the handlebar clamp and angled as you want it.
- Position the handlebar clamp face plate and secure lightly with the handlebar clamp bolts by turning the bolts in equal, small increments while making sure that the gap between face plate and stem at each bolt is absolutely equal to the gap at each other bolt. Once the bolts are finger-tight against the face plate, re-check handlebar position and gap between stem and face plate, and adjust as needed.
- Using a torque wrench with an appropriate hex key, tighten the face plate bolts, in one-turn increments and in rotation, to the torque specified on the clamp surface of the stem. For four-bolt clamps, use a cross pattern tightening sequence. For two-bolt clamps, alternately tighten each bolt one turn at a time (see Figure 1).

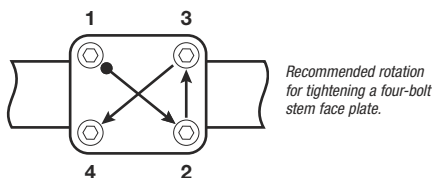


FIGURE 1

3. MAINTENANCE

- The bolt torque should be checked regularly, at least seasonally but more often if used frequently, hard or for racing.
- For extra safety, we recommend that the bolts be replaced at least every two years.
- Regularly inspect for any damage (cracks, chips, etc.) and replace component upon detection.
- Components undergo fatigue that is natural with time and use, especially when used for racing. Easton recommends that the stem be replaced each race season, or every 2-5 years if in non-competition use, depending on frequency and severity of use.
- In case of a crash or any impact, carefully check your stem, bars, wheels, frame and fork for any visible damage. As with any component under varying stress, stems have a limited fatigue life that is proportional to the use and abuse of the part. In other words, the more you use and abuse your stem, the shorter the time it will be safe to use while riding. Inspect your stem and other parts often. If you have any doubts about the integrity of any part, REPLACE IT. Consult your Easton dealer if you are unsure about the condition of your stem or any part of your bicycle.
- Never ride with the stem or bars loose. If bars or stem slip or creak, please make sure the bars are installed correctly and fit properly in the stem.
- Components may be cleaned with any non-abrasive and non-corrosive household detergent.

WARNING

Bicycle riding can be dangerous. To prevent serious injury while riding, wear an approved helmet every time you ride; be sure your bicycle is properly maintained, that all components are correctly installed and adjusted, and that you ride cautiously and within your abilities at all times.

WARRANTY

This EASTON product is warranted to be free of defects in materials and workmanship for five (5) years from date of purchase. Warranty is for the original owner only and proof of purchase is required. This warranty is in lieu of all other warranties. ANY IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR WARRANTIES OF MERCHANTABILITY ARE LIMITED TO THE DURATION OF THE EXPRESSED WARRANTY. Depending on individual state laws, the above exclusion may not apply to you. This warranty gives you specific rights. You may have other legal rights depending on the state in which you reside.

Please consult the *Contact Us* page of the Easton web site (www.eastonbike.com) for warranty contact information. Select U.S. Dealers or International Distributors depending on your location.

