Easton Ad-Vice Stem



Congratulations on your purchase of an Easton Ad-Vice 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
- **The Easton Ad-Vice Stem is designed for use only with the Easton Vice Bar. No other bar is designed for use with the Ad-Vice clamping system. Using any other bar may lead to handlebar or stem failure.**
- 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.
- 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 on Steerer
- 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 top cap bolt. Using a torque wrench with the appropriate size 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 15 in-lbs (1.6 Nm).
- Using a torque wrench with a 6 mm hex key, tighten the stem clamp bolts, one turn at a time in rotation, to a torque of 70 in-lbs (8 Nm).

3. Stem Angle / Reach Adjustment
The Easton Ad-Vice Stem allows you to have 3 distinctly different handlebar positions with the same stem: 65 mm x 10°, 60 mm x 30°, and 50 mm x 50° extension rise. The stem configuration is changed by removing the four link bolts, repositioning the links as shown below, and re-installing the link bolts. Always clean the threads and use fresh grease when reassembling (Figure 1).

The link bolts are M8 x 1.25x20 bolts (6 mm hex wrench) with an unthreaded length of 8 mm. **No other bolt should be used for this purpose. The use of any other bolts could prevent the links from properly clamping to the stem block, risking stem failure.**

Correct link bolt torque is essential to safety and performance. The four M8 link bolts must be torqued to 150 in-lbs(17 Nm). **Do not ride if you cannot achieve the correct torque.**

Failure to correctly torque or assemble the link components to the stem block can result in the handlebar and link separating from the stem block. This could cause loss of control and result in serious injury or death.

4. Installation of Handlebar
- Position the Easton Vice handlebar so that it is centered in the handlebar clamp and angled as you want it.
- Position each handlebar clamp face plate in turn, 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 a 6 mm hex key, tighten the stem clamp bolts, one turn at a time in a cross pattern tightening sequence, to a torque of 70 in-lbs (8Nm).

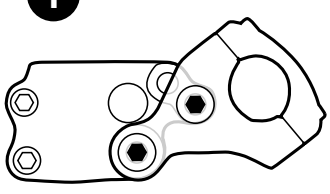
5. Maintenance
- The bolt torque should be checked regularly, after initial riding and at least seasonally but more often if used frequently, hard or for racing.
- For extra safety, we recommend that the bolts be replaced at least every two years. Always use genuine Easton replacement bolts.
- Regularly inspect for any damage (thread 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. Avoid citrus degreasers to prevent anodize damage.

WARNING: Bicycle riding can be dangerous. To prevent serious injury while riding, wear an approved helmet every time you ride; and make 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.

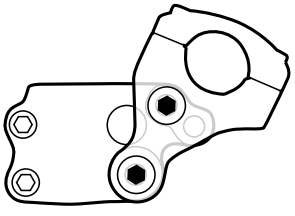
WARRANTY
This EASTON product is warranted to be free of defects in materials and workmanship for five (5) years from date of purchase. Warranty is for the original owner only and proof of purchase is required. This warranty is in lieu of all other warranties. ANY IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR 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.

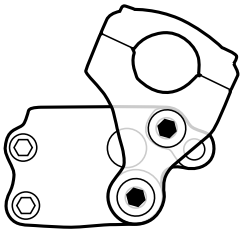
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65 mm x 10°



60 mm x 30°



50 mm x 50°

EASTON BIKE COMPONENTS

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