



Axis Carbon Fork and Axis Pro Carbon Fork

Thank you for your purchase of a Forté™ carbon fork. Please read these instructions carefully before installing or using your new fork.

⚠ WARNING

To ensure you have selected a mutually compatible fork, headset and stem of the proper size for your frame, and to ensure these components are installed correctly, consult a professional bicycle mechanic. An improperly installed fork could cause an accident resulting in serious injury or death.

Important:

1. This fork is to be used only with a threadless headset and threadless stem.
2. If replacing the headset and/or stem at the same time, the steerer tube length of your new fork will likely be different from that of your old fork. Do not use your old fork as a guide for correct steerer tube length.
3. Headset installation requires the use of special tools. Improper headset, stem, or fork installation may lead to an accident. If you are not qualified to install these components, consult a qualified bicycle mechanic.

Installation:

1. Measure and record the height of your handlebar relative to the ground. You will use this measurement later to achieve the same handlebar height with the new fork installed. Remove current stem, fork and headset (if replacing headset).
2. Install the new headset according to the manufacturer's instructions.
3. Insert the fork steerer tube through the head tube and slide the stem and spacers (if required) onto the steerer tube, seating them firmly against the top of the headset. Compare resulting height of the handlebar to the measurement noted in step 1. Add or subtract spacers as necessary to adjust handlebar height.
4. Tighten the stem clamp bolts just enough to hold everything in place. Make a mark on the steerer tube at the top of the stem.

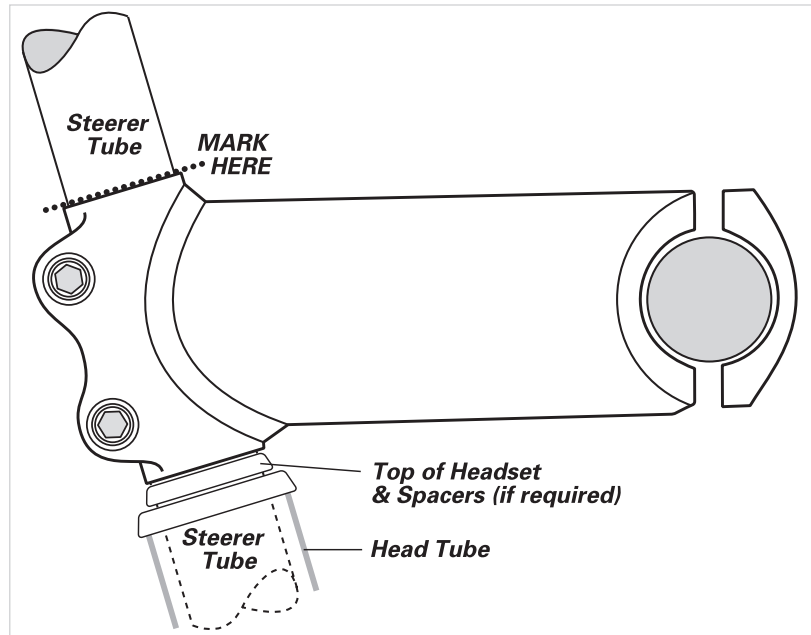
Make sure all the parts are correctly assembled before marking or cutting the steerer tube. Do not use your old fork as a guide.

5. Remove the stem from the steerer tube, and the fork from the head tube.
 - A) Forté™ Axis Fork (chromoly or alloy steerer tube): Use a fresh 24tpi or finer hacksaw blade or a tube cutter to carefully cut the steerer tube 3mm below the mark you just made. Use a cutting guide to ensure a square cut that is perpendicular to the steerer tube.
 - B) Forté™ Axis Pro Fork (carbon steerer tube): Use a 32tpi or finer hacksaw blade to carefully cut the steerer tube 3mm below the mark you just made. Use a cutting guide to ensure a square cut that is perpendicular to the steerer tube.
6. Clean the top of the steerer tube inside and out to remove any burrs or rough edges, and clean the outside of the steerer tube with a cloth.
7. Insert the fork steerer tube through the head tube and slide the stem and spacers (if required) onto the steerer tube, seating them firmly against the top of the headset.
8. Check to make sure the top of the steerer tube is approximately 3mm below the top edge of the stem.
 - A) If the steerer tube is too long, proper headset adjustment will not be possible. The steerer tube will need to be cut (shortened), or a spacer added.
 - B) If the steerer tube is too short, the stem may not have sufficient clamping surface against the steerer tube. Remove spacers as necessary to achieve the 3mm gap needed.

⚠ WARNING

A steerer tube which is too long to allow proper headset adjustment, or too short to provide sufficient clamping surface for the stem can cause loss of steering control, resulting in an accident and serious injury or death.

9. Install the star nut (included with the 1" Forté™ Axis Fork) or the one-piece top cap/expander plug (included with the 1 1/8" Forté™ Axis and 1" Forté™ Axis Pro Forks). Do not use a standard star nut in a carbon fiber steerer tube.
10. Tighten the stem clamp bolts according to the manufacturer's instructions. Make sure bolt threads are well greased. Install the handlebar.
11. While holding the front wheel between your legs, vigorously try to twist the handlebar from side to side. It should not easily rotate. Double-check the adjustment and tightness of the headset and stem before riding the bicycle.



⚠ WARNING

It is critically important to check that all fittings are tightened securely to avoid possible loss of steering control.

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Made in Taiwan

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