

FORTE™ Pro Threadless Road Stem

Thank you for purchasing a Forté™ stem. The lightweight, rigid Forté™ Pro stem will fit any 1" or 1½" steerer tube, and is compatible with any handlebar requiring a 26.0 mm clamp area. Please read and follow the installation instructions carefully.

⚠ WARNING

A stem which is the wrong size for your fork steerer tube or which is installed incorrectly can cause loss of steering control, resulting in serious injury or death. To ensure that you have selected the proper size stem for your steerer tube and that the stem has been installed correctly, consult a qualified bicycle mechanic.

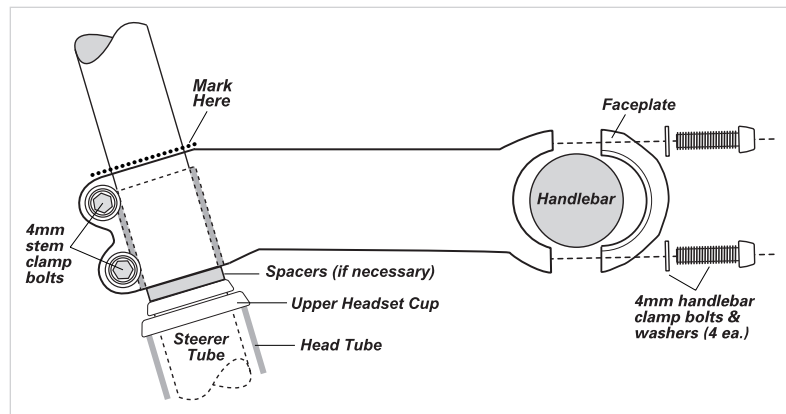
Installation

If you are installing a threadless system for the first time, proceed to step 2. If you are replacing an existing threadless stem, proceed to step 1.

This stem is to be used only with threadless forks with 1" or 1½" diameter steerer tubes and handlebars with a 26.0 mm center clamp diameter.

Use with 1" diameter steerer tubes: If you are using the Forté™ Pro stem with a fork that has a 1" steerer tube, the included shim must be used. Slide the shim onto the steerer tube first, and then install the stem.

Use with 1½" diameter steerer tubes: If you are using the Forté™ Pro stem with a fork that has a 1½" steerer tube, the included shim should not be used.



- Loosen and remove the top cap. Remove the old stem and spacers, taking note of the position (whether above or below the stem) of the spacers, if any are used. This will help you evaluate your stem height when setting up your new stem. Proceed to step 5.
- Install the headset as per the manufacturer's instructions. However, do not install the top cap and star nut yet.
- Seat the steerer tube firmly in the head tube and press the stem and any spacers to be used firmly against the top of the headset (the compression ring of the headset). Tighten the 4mm stem clamp bolts (the bolts holding the stem to the steerer tube) enough to hold everything in place. Make a mark on the steerer tube at the top of the stem.
Make sure you have everything correctly assembled before you mark or cut your steerer tube.
- Remove the stem from the steerer tube, and the fork from the head tube. Carefully cut the fork with a hacksaw or tube cutter 3 mm below the mark just made. It is critical to get a square cut. The cut must be perpendicular to the steerer tube. Clean the top of the steerer tube with a file or wire brush to remove any rough edges.
- Wipe the outside of the steerer tube clean with a cloth, slide the fork into place through the headset and slide spacers (if any) and the stem onto the steerer tube.
- Check to make sure that the top of the steerer tube is approximately 3 mm below the top edge of the stem.
 - If the steerer tube is too long, proper headset adjustment will not be possible. The steerer tube will need to be cut (shortened), or spacers will need to be added.
 - 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.
- Install the star nut as per the headset manufacturer's recommendation and install the top cap. Tighten as per the instructions with your headset.
- Slide the stem onto the steerer tube and tighten the 4mm stem clamp bolts (the bolts holding the stem to the steerer tube) to 35 inch/lbs. of torque. This is only a starting point, which will be adjusted in step 12 after installing the handlebar.
- Remove the 4mm handlebar clamp bolts and washers, and remove the faceplate from the stem.
- Install the handlebar and replace the faceplate, washers and 4mm handlebar clamp bolts.
- Tighten the handlebar clamp bolts, making sure that the top and bottom gaps between the faceplate and stem are equal. Position handlebar as desired and tighten bolts evenly to 35 inch/lbs. of torque.
- Check the tightness of the handlebar and stem by holding the front wheel between your legs and attempting to rotate the stem side to side and the handlebar up and down. Neither bar nor stem should move without substantial force. If either component moves, tighten each stem clamp bolt or handlebar clamp bolt 1/4 turn and test again. Repeat until the stem and handlebar are secure.

NOTE: Bolts will loosen over time. Check the security of your stem and all critical components before each ride. Failure to do so can result in serious injury.

⚠ WARNING

Do not over-tighten stem or handlebar clamp bolts. Over-tightening may damage steerer tube or handlebar, especially those made of carbon fiber. A damaged steerer tube or handlebar may break, resulting in serious injury or death. Always follow fork and handlebar manufacturer's guidelines.

Tech Support 1(800)553-8324

Made in Taiwan

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