

PERFORMANCE

Forté

**PRO
Road Stem**

Thank you for the purchase of the Forté Pro Stem. Its rigid, lightweight design will work with any 1" or 1¹/₈" threadless steerer tube regardless of material. The stem is compatible with any handlebar requiring a 26.0 mm clamp area. Please read and follow the installation instructions carefully.



WARNING: To ensure that you have selected the proper size stem for your steerer tube, and that you have installed the stem 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.

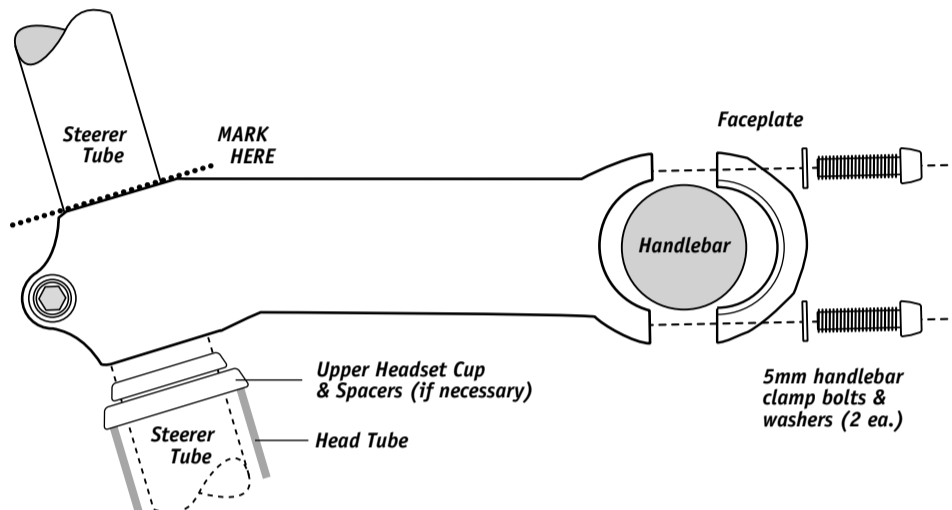
Note: This stem is to be used only with threadless forks with 1" or 1¹/₈" diameter steerer tubes and handlebars with 26.0 mm center clamp diameter.

Use with 1" diameter steerer tubes: If you are using the Forté Classic stem with a fork that has a 1" steerer tube, the included shim **must** be used. Make sure that the shim is centered in the steerer hole without extending above or below the hole. Please follow all of the appropriate installation instructions.

Use with 1¹/₈" diameter steerer tubes: If you are using the Forté Classic stem with a fork that has a 1¹/₈" steerer tube, the included shim should **not** be used. Please follow all of the appropriate installation instructions.

1. 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.
 2. Install the headset as per the manufacturer's instructions. However, do not install the Top Cap and Star Nut yet.
 3. Seat the steerer tube firmly in the head tube and press the stem (and the shim, if on a 1" steerer tube) and any spacers to be used firmly against the top of the headset (the compression ring of the headset). Tighten the stem bolts 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.**
4. Remove the stem from the steerer tube, and the fork from the head tube. Carefully cut the fork with a hacksaw 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.
 5. 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.
 6. Check to make sure that the top of the steerer tube is approximately 3 mm 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 spacers will need to be 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.
 7. Install the Star Nut as per the headset manufacturer's recommendation and install the Forte Top Cap replacing the one supplied with the headset. Tighten as per the instructions with your headset.
 8. Tighten the 6 mm hex stem bolt (the bolt holding the stem to the steerer tube) to 85 inch/lbs. of torque (make sure bolt threads are well greased).
 9. Remove both of the 5 mm handlebar clamp bolts and washers, and the faceplate from the stem.
 10. Install the handlebar, replacing the faceplate, washers and the 5mm clamp bolts (make sure bolt threads are well greased).
 11. Snugly tighten both handlebar clamp bolts, making sure that the top and bottom gaps between the faceplate and stem are similar. Position handlebars as desired and then tighten both bolts securely and evenly (85 inch/lbs. of torque recommended).

If you have any questions about the proper installation of this product, please call our Technical services department.



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

Tech Support Line 1-800-553-8324, 9am-6pm EST



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