



PRO SL OS

Threadless Stem

Thank you for purchasing the Forté Pro SL OS Threadless Stem. This lightweight, rigid stem will fit any 1" or 1 1/8" steerer tube, and is compatible with any handlebar requiring a 31.8mm clamp area. Please read and follow the installation instructions carefully.

CAUTION

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

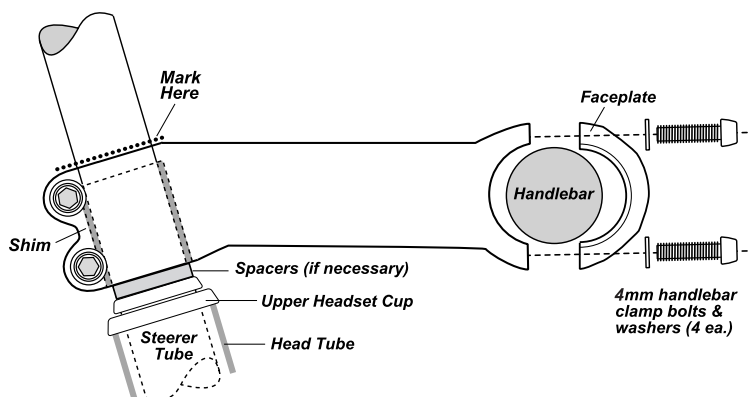
If you are installing a threadless system for the first time, proceed to step 2. If you are replacing an existing threadless stem, proceed to step 1.

Notes

This stem is to be used only with threadless forks with 1" or 1 1/8" diameter steerer tubes and handlebars with a 31.8mm center clamp diameter.

Use with 1" diameter steerer tubes: If you are using the Forté Pro SL OS 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 1 1/8" diameter steerer tubes: If you are using the Forté Pro SL OS stem with a fork that has a 1 1/8" steerer tube, the included shim should not be used.



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 any spacers to be used firmly against the top of the headset (the compression ring of the headset). Tighten the 5mm hex stem 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.

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 Top Cap. Tighten as per the instructions with your headset.
8. Tighten the 5mm hex stem bolts (the bolts holding the stem to the steerer tube) to 85 inch/lbs. of torque.
9. Remove all 4 of the 4mm handlebar clamp bolts and washers, and the faceplate from the stem.
10. Install the handlebar and replace the faceplate, washers and the 4mm clamp bolts.
11. Snugly tighten all handlebar clamp bolts, making sure that the top and bottom gaps between the faceplate and stem are equal. Position handlebars as desired and then tighten all 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 support department.

CAUTION

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



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