



## Stem Installation Stunner LT

Your new Biktrix Stunner LT has been assembled by a technician in our Canadian warehouse, but in order to facilitate shipping to your address some parts have been removed for transport. Please use these easy to follow instructions as a guide to get your stem properly adjusted, or take it to your local bike shop for professional assembly.

Your new Stunner LT comes with a highly adjustable stem. There will be 3 adjustments we focus on today. Proper adjustment is needed both for safety and function.

### Tools needed:

- 5mm allen key
- 4mm allen key
- Torque wrench with 4mm allen key

1. Slide the stem over the steerer tube of the fork. The long bolt going down from the stem into the steerer tube is used to adjust the preload on the headset bearing. This is important for smooth steering. Adding tension to the bolt will pull the threaded star nut (which is found wedged inside the steerer tube) upwards, moving the fork crown race bearing more tightly into the lower headset cup. Alternatively, reducing the tension on the bolt will back off the bearing preload, effectively loosening the bearing. When you're happy that you have the bearing set to the correct level or preload, apply the front brake only. While holding the front brake on, rock the bike gently back and fore. If you feel any looseness - it'll often feel like a slight knocking feeling - then add more preload tension to the bolt until the looseness stops.
2. Now to align the stem with the front wheel. From above, look at your stem, and align it with the centre of the front tire. Once you have it in place, use your 4mm allen key to snug up the 2 bolts that attach the stem to the steerer tube. These should be torqued to 5 to 7 Nm.
3. Now to adjust the angle of the stem and the handle bar. This uses a cam lever, similar to that found on a quick release wheel or seat collar. When closing the cam, you should feel resistance when half way closed, if you do not, turn the bolt clockwise with your 5mm allen key. If you feel resistance before the 50% closed position, turn the bolt anti clockwise with your 5mm allen key. Once this resistance is found, you can move the stem angle and handlebar angle to your preferred location and close the cam lever.