

Osa Flex – How to replace the Stem Lower

Tools Required:

- 8mm Allen Wrench
- 5mm Allen Wrench
- Loctite 243
- Torque Wrench

Step 1: Remove the two 5mm stem pinch bolts.



Step 2: Remove the 5mm safety bolt in the front of the stem.



Step 3: Remove the large 8mm stem top cap.



Apply Loctite to the removed hardware (they will be re-used)

Step 4: Begin to thread in the two 5mm pinch bolts and the 5mm safety bolt into the new stem – just to get them in place.



Step 5: Remove the four 5mm bolts that secure the display screen. The handlebars and display screen will be free now and **should be held carefully by a 2nd individual.**



Apply Loctite to these 4 bolts to be reused.

Step 6: While someone holds the bars and display screen, the other person will remove the old stem and install the new one in place.

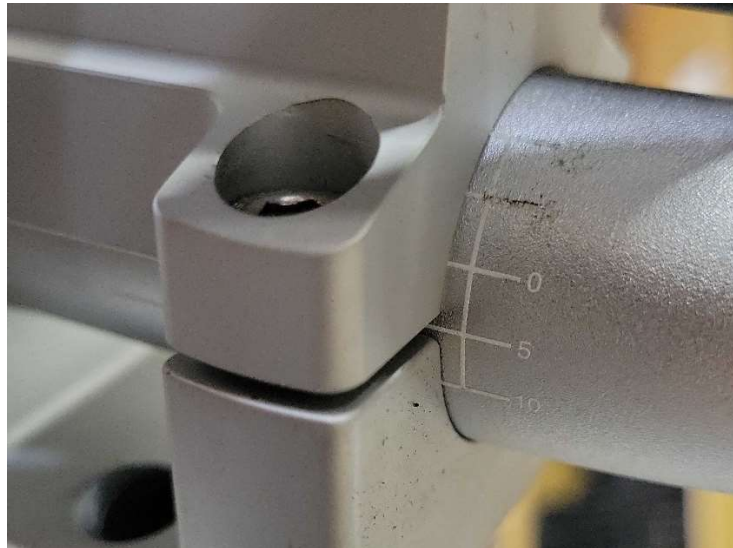
Step 7: With the new stem in place, tighten the 5mm safety bolt to 10Nm.



Step 8A: Reinstall the handlebar and display screen. Tighten the four 5mm securing bolts to 10Nm. Tighten them in a “star” pattern (tightening them each in small intervals, rotating between them).



Step 8B: Make sure the handlebar is centered (left to right) and angled to the -5 degrees angle mark.



Step 8C: Make sure the spacing between the stem is equal on the top and bottom.



Step 9: Reinstall the large 8mm top cap. Tighten this to 15Nm using a torque wrench.



Step 10: Ensure that the handlebars are perfectly straight and aligned with the front wheel. Tighten the two 5mm pinch bolts to 10Nm.



Complete!