



## Reaper Skull Stem Installation Instructions

**Congratulations on your new Reaper Skull Stem purchase. Your bike appreciates it!**

### Tools Required:

Torque wrench; Hex Key; Grease

### Steer Tube Preparation:

- 1) The DirtyDogMTB Reaper Skull Stem fits 1.125" (28.6mm) fork steer tubes only.
- 2) The DirtyDogMTB Reaper Skull Stem requires 43.2mm (1.7") min of exposed steer tube above all of the headset components and spacers to ensure adequate clamping surface.

### Installation

- 1) Make sure that there are no sharp burrs on the top outside edge of the steer tube. File or sand to remove if necessary. Install all headset components and optional spacers onto the steer tube. Make sure the steer tube is clean and dry (NO GREASE).
- 2) Remove all of the bolts from the stem, the front and rear face-plates & the top cap.
- 3) Put a little grease on the bolts.



- 4) Place the middle part facing up and the 31.8 Handlebar in the middle part. Make sure to center the handlebars on to the bolts.





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- 5) Place the front face on top of the handlebar and insert the bolts.



- 6) Put the other two front bolts on the back of the front faceplate.



- 7) Make sure that the gap is even from the top to the bottom. Adjust if necessary.



- 8) Torque all four bolts to 9-10ft./lbs (12.2-13.6 Nm)

- 9) Loosely put the back plate on and install the bolts (with grease on them).



- 10) Install shifters, brake levers, and grips if necessary.



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11) Slide the handlebar assembly on the fork steer tube.



12) Snug up the bolts a little and make sure that the gap is even.



13) Put the bolt in the top cap.



14) Install the top cap; align the middle piece notch with the top cap protrusion & adjust the headset



15) Torque all four back bolts to 9-10ft./lbs (12.2-13.6 Nm). Make sure that the gap is even.

16) If you need to adjust the bars, then loosen the eyeball bolts, adjust, and re-torque them.