



PRODUCT REGISTRATION

Congratulations on your new purchase! We think you've made a smart move. Now, make an even smarter move and register your product online by clicking through to the warranty section of our web site at www.raceface.com. It's the easiest way to register your product and best of all, it doesn't cost you a penny.

TOOLS REQUIRED: 5mm allen (hex) key.

STEER TUBE PREPARATION:

- 1) The Race Face Diabolus and Evolve DH stem (standard and ThirtyOneEight) fits 1.125" (28.6mm) fork steer tubes only. The Diabolus onepointfive fits 1.5" fork steer tubes.
- 2) The Race Face Diabolus stem requires 37.0mm (1.457") min of exposed steer tube above all the head set components and spacers to ensure adequate clamping surface. The Evolve DH stem requires 39.0 (1.535"). This is derived from this formula:

	DIABOLUS	EVOLVE DH
Stem"stack height"	39.0mm (1.535")	41mm (1.614")
Subtract headset compression gap:	- 2.0mm (0.079") MAX	- 2.0mm (0.079")MAX
Total	= 37.0mm (1.457")	= 39.0mm (1.535")

NOTE: The Race Face Diabolus stem has a relatively low stack height at 39.0mm. The onepointfive Diabolus and the ThirtyOneEight Diabolus have a stack height of 40.0mm. The Evolve DH has a stack height of 41.0mm.

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. Slide the stem onto the steer tube. Some back and forth rotation may required to slide the stem down until it touches the headset spacers.
3. Install the headset "top cap" and "compression bolt"on top of the stem. Adjust the headset pre-load as per the headset manufactures specifications. (typically until all "play" is removed, but rotation is still smooth).
4. Line the stem up straight with the front tire, then tighten both STEER TUBE CLAMP BOLTS to 11-12ft./lbs.(15-16.25Nm) using your 5mm allen key. Alternate back and forth between the two bolts until torque setting is achieved.

5. Remove all the bar clamp bolts, place your bar into the clamp. Re-install HANDLE BAR CLAMP and BAR CLAMP BOLTS, and tighten bolts to 9-10ft./lbs (12.2-13.6 Nm)using your 5mm allen key. Alternate between the four bolts in a cross pattern until full torque setting is achieved. Check to ensure that the gap between the HANDLEBAR CLAMP and the STEM BODY is even between the top and bottom. (approx. 1-1.5m).

WARNING! Strictly adhere to the following. Failure to do so could result in pre-mature failure of the part which could affect the rider's control of the bicycle and result in serious injury.

1. All bolts used on the Diabolus and Evolve DH stems are DIN grade 10.9 CrMo steel chrome plated. The size is M6X20mm with built in washers. Do not substitute with inferior lower strength hardware such as DIN grade 8.8 steel, titanium or aluminum. These metals do not have the strength required for this application. Do not use shorter bolt lengths. Full thread engagement is required. If replacement is required, use DIN grade 10.9 M6X20mm with washers only. See your RaceFace dealer for OEM replacement parts.
2. "HEADSET TOP CAP"and "HEADSET COMPRESSION BOLT" must be left in place at all times during operation of the bicycle. These components assist retention of headset adjustment.

MAINTENANCE:

1. Check hardware periodically for tightness. Use caution not to over-tighten.
2. Inspect all parts of the stem periodically for damage or cracks. This is a good idea with ANY aluminum bike part. If you notice anything suspicious, have a Race Face dealer inspect it for you.
3. Although not critical to the continuing function of the stem, re-greasing the hardware occasionally wouldn't hurt. You can apply a light film of grease to all bolt threads and the underside of bolt heads.

WARRANTY:

1. The Diabolus stem carries a limited lifetime warranty for defects in materials and workmanship. The Evolve DH carries a limited 1 year warranty.
2. This warranty is limited to the original purchaser. Proof of purchase is required. This can take the form of a photocopy of the original sales receipt.
3. This warranty does not cover defects arising from misuse, abuse, alterations, lack of preventative maintenance and routine maintenance.
4. Race Face warranties do not cover fading of colours.

