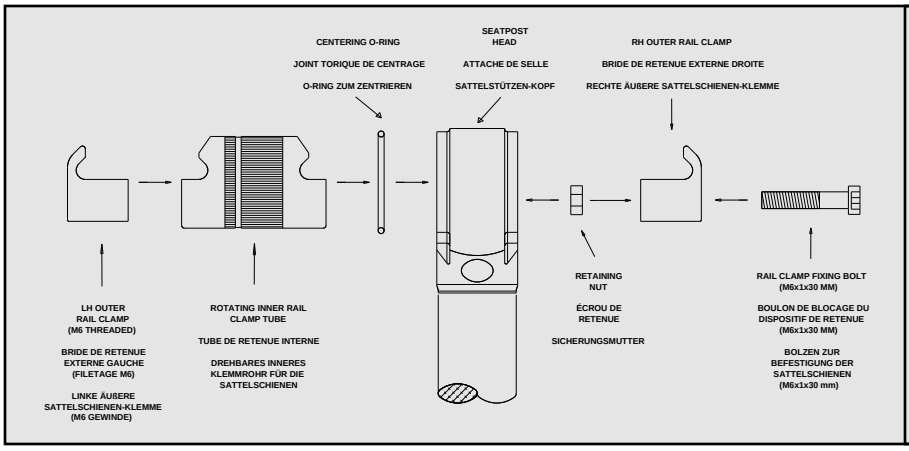
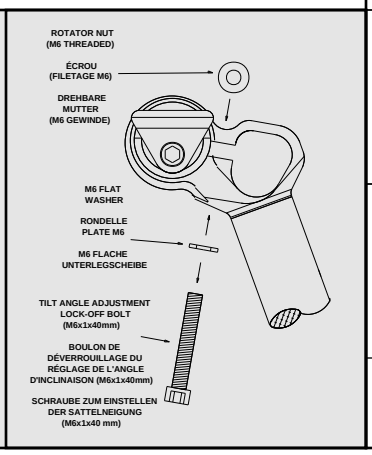
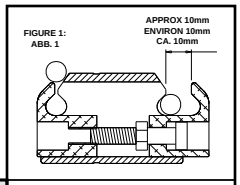
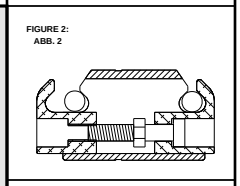
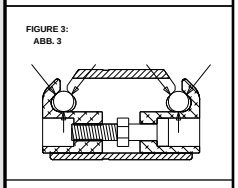
RACE FACE











RAIL CLAMPING CROSS-SECTION

COUPE MONTRANT LE BRIDAGE DES TIGES DE LA STRUCTURE DE LA SELLE

QUERSCHNITT DER SATTELSCHIENEN-KLEMME

Congratulations on the purchase of your new Race Face XY Seatpost. Smart Move. Please save your original sales receipt. Read the Warranty section for complete information. Also, please read all the instructions before you begin to install your new Race Face seatpost.

INSTALLATION INSTRUCTIONS
TOOLS REQUIRED
· 5mm allen (hex) key, preferably with long (5"+) handle
· Torque wrench (optional)

Seat tubes on bicycle frames come in many sizes and diameters, and subsequently, seatposts are typically manufactured in diametrical increments of 0.20mm to match this wide range (ie. 26.8mm, 27.0mm, 27.2mm, etc.). It is critical that the correct diameter of seatpost is used. An improper fit, whether too large or too small, can result in pre-mature failure of your seatpost or even your frame! Such actions are easily detectable and void any and all warranties on Race Face seatposts.

1) Remove the ol d seatpost from your frame and check the manufacturer's size marking to confirm that your new Race Face seatpost is the same diameter to that which you are replacing. If you are installing your Race Face post into a new frame, check with the frame manufacturer's specifications to confirm diameter required.

2) Clean any dirt, grease, etc. out of the top end of your seat tube, and inspect the inside surfaces for burrs, especially around the top edge and the slot which are notorious for sharp edges. S harp burrs can gouge the surface of the aluminum seatpost tube during installation, potentially leading to pre-mature failure. Please pay attention to this as not following our instructions voids any and all warranties.

3) Remove all sharp edges and burrs with fine grit sand paper or emery cloth. If your seat tube is in particularly rough shape, we recommend taking your frame to a professional bike shop and have them ream or hone the inside diameter of the seat tube. This will ensure accurate fit a nd smooth surface.

4) Apply a generous film of grease to the inside of the frame's seat tube. This will facilitate smooth installation, and will also prevent corrosion and galling which can cause a seatpost to seize in the frame over time.

INSTALLATION
1) Slide seatpost into pre-greased seat tube. There should be a small amount of friction, but you should be able to easily push the seatpost straight in. DO NOT swivel the seatpost back and forth while pushing down! This can seriously damage the seatpost. If this ty pe of force is required, it is usually an indication of a rough or under-sized seat tube surface. Repeat step #3 in frame preparation instructions.

2) Set the tube to approximately the height you require, and clamp-down the quick release lever or tighten the seat collar clamp bolt . Final height adjustment is later.

Note: The Race Face seatpost head assembly is pre-assembled at the factory. Dis assembly is not required for saddle installation. See exploded view diagram for part descriptions.

3) Tighten the tilt angle adjustment lock-off bolt lightly using your 5mm allen key. This will prevent rotation, which makes it easier to install the saddle.

4) The outer rails clamps slide free ly inside the inner rail clamp tube. Unthread the rail clamp fixing bolt, with your 5mm allen key, until there is a gap of approx. 10mm between the inner rail clamp tube and one of the outer rail clamps. Loading from the top, snap the saddle rail into place (See Figure 1). The retaining nut forces the outer rail clamps to open up, and they can collectively slide horizontally to open up a large enough gap in one side to accommodate the saddle rail.

5) Slide the outer rail clamps horizontally to ope n-up the gap to accommodate the second saddle rail. Snap the rail into place (See Figure 2). The saddle will now be held in place loosely.

6) Slide the saddle to achieve desired fore-aft position, then tighten the rail clamp fixing bolt to 10-12 ft/lbs. (13.5-16.0 Nm) torque, with your 5mm allen key (See Figure 3).

Note: The Race Face seatpost's unique 3-point angular contact rail clamp system fits a wider range of saddle rail shapes and diameters than conventional designs (See Figure 3).

7) Release the tilt angle adjustment lock-off bolt with the 5mm allen key. Hold the nose of the saddle and rotate to desired angle. Re-tighten bolt to 10-12ft/lbs. (13.5-16.0 Nm) torque.

Note: Saddles are typically designed to be most comfortable positioned with the nose and tail horizontal (ie. parallel to the ground). While saddle positioning is obviously a very personal thing, this positions a good place to start.

8) Release seat collar clamp bolt or quick release lever, and slide post up or down to achieve desired height. Re-tighten bolt or quick release. If your collar is a bolt-type, go by frame manufacturer's specifications for fixing torque. Over-tightening the collar clamp bolt can induce stresses that reduce the strength and service life of the seatpost.

IMPORTANT!!!
PLEASE NOTE THE MAXIMUM HEIGHT LINE MARKING NEAR THE BOTTOM END OF THE SEATPOST TUBE! THIS MARKS THE MINIMUM AMOUNT OF SEATPOST THAT MUST BE INSERTED INTO THE FRAME. THESE MARKINGS MUST BE HIDDEN BELOW THE TOP OF THE FRAME'S SEAT TUBE. THIS MINIMUM INSERTION REQUIREMENT IS 75MM.

EXCEEDING MAXIMUM HEIGHT (POSITIONING MAXIMUM HEIGHT LINE MARKING ABOVE TOP OF SEAT TUBE) WILL RESULT IN PRE-MATURE FAILURE OF THE SEATPOST TUBE, AS THE RACE FACE XY SEATPOST'S BUTTED TUBE IS MUCH THINNER I N THE AREA THAT MUST BE INSERTED INTO THE FRAME. SUCH ACTIONS ARE EASILY DETECTIBLE AND VOID ANY AND ALL WARRANTIES!

INSUFFICIENT INSERTION CAN ALSO DAMAGE YOUR FRAME. MANY FRAME MANUFACTURERS REQUIRE A MINIMUM INSERTION THAT IS GREATER THAN 85MM. COMPARE YOUR FRAME MANUFACTURER'S SPEC. AND GO WITH WHICHEVER NUMBER IS GREATEST.

ADJUSTMENT
The Race Face XY seatpost has completely independent fore-aft adjustment and saddle tilt angle adjustment, making these processes extremely simple. The saddle tilt angle is infinitely micro-adjustable because even the slightest adjustment can be the difference between agony and joy on a 3 or 4 hour ride! This wide range of adjustment also makes the Race Face post compatible with many modern full suspe nsion MTBs or Triathlon / Time Trial bikes where traditional seatposts just don't cut it. Finally, adjustments require only one tool: a 5mm allen key, so on the trail adjustments are possible.

Fore-Aft Adjustment: Using your 5mm allen key, loosen rail clamp fixing bolt counter-clockwise 3 or 4 turns. Slide saddle to desired position. Re-tighten bolt as per step # 6 above.

Tilt Angle Adjustment: Using your 5mm allen key, loosen tilt angle adjustment lock-off bolt approx. 1 or 2 turns. Hold saddle and rotate to desired angle. Re-tighten bol t as per step # 7 above.

MAINTENANCE
1) Check bolts periodically to ensure everything is tight. If a "creaking" sound is noticed this could be an indication that something is loose.

2) Lubrication: A thin film of grease is recommended in the following areas to protect metal to metal contact areas, eliminate potential creaks, and ease installation and adjustments:
- Bolt Threads and under bolt heads.
- The track inside the inner rail clamp tube that the outer rail clamps slide horizontally in.
- Underside of rotator n ut where it contacts the seatpost head.
- Saddle rail / rail clamp interface surfaces when using titanium railed saddles.

3) Inspect seat post tube and head carefully after any crash. Small micro-cracks, or slight bending that can result from a crash can lead to pre-mature sudden failure of a seatpost component. If anything is evident upon inspection, discontinue use and replace, or return the post to an authorized dealer for further inspection if you are uncertain.

Cutting Seatpost Tube length: Many modern rear suspension system s on mountain bikes feature an interrupted seat tube (Trek, Cannondale, Specialized, Norco, etc.). This frame design often dictates that the seatpost must be shortened to avoid interference between the tire and the bottom of the seatpost.

Note: Race Face has lab-tested the XY seatpost at all typical heights, and we are confident that it will function in these applications, provided a minimum of 85mm of the tube is inserted into the frame. However, since cutting-off the bottom of the seatpost tube eliminates the maximum height markings, we have no way of knowing that the posts are being used with at least the minimum recommended 85mm insertion. Subsequently, and unfortunately, cutting the seatpost tube voids any and all warranties.

WARRANTY
1. Our XY Seatpost carries a limited three year warranty. Coverage begins on the user's date of original purchase.
2. This warranty is limited to the original purchaser. Proof of original purchase is required. This can take the form of a photocopy of the original s ales receipt. Save your receipts!
3. This warranty covers defects in materials and workmanship.
4. Our warranty does not cover bending due to excessive loading or impacts to the product.
5. This warranty does not cover defects arising from misuse, abuse, accidents, alterations, lack of main preventative and routine maintenance, or failure to install according to the instructions and proper procedures.
6. Race Face recommends replacement of the seatpost after a crash involving impact on the seatpost.
7. Race Face warranties do not cover fading of anodized colors, nor will Race Face replace non-defective sub-component pieces because they do not exactly color match the replaced defective pieces. Colors vary from batch to batch and from year to year. We will however do our best to match colors with the replaced piece.