



Technical Bulletin

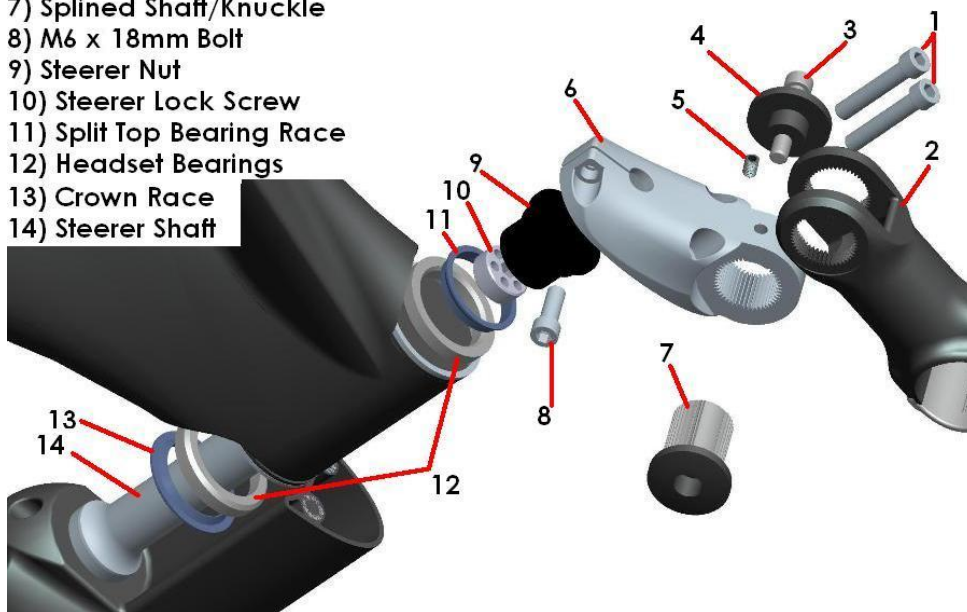
Bayonet II Assembly Instructions

Version 2.0

Necessary parts:

- 1x Bayonet 2 Stem Base/Top Crown
- 1x Bayonet 2 Fork
- 1x Steerer Shaft Nut
- 1x Steerer Screw
- 1x Integrated Headset
 - 1x Upper bearing race
 - 1x Lower bearing race
 - 2x 45x36 IS style Bearings
- 2x M6 x 30mm bolts
- 1x M6 x 18mm bolt
- 1x Bayonet Stem Extension
- 1x Bayonet Stem Knuckle/Splined Shaft

- 1) M6 x 30mm Bolts
- 2) Stem Extension
- 3) M6 x 30mm Bolt (Knuckle)
- 4) Knuckle Side Cap
- 5) Set Screw
- 6) Stem Base/Top Crown
- 7) Splined Shaft/Knuckle
- 8) M6 x 18mm Bolt
- 9) Steerer Nut
- 10) Steerer Lock Screw
- 11) Split Top Bearing Race
- 12) Headset Bearings
- 13) Crown Race
- 14) Steerer Shaft



NOTE: FELT recommends that any maintenance needed to the FELT Bayonet Steering System is done by a certified mechanic at a FELT Authorized Dealer. However, a video and assembly instructions are included with every Felt bicycle or frame equip with a Felt Bayonet Steering System. These are also available on the Felt website.

Step 1) Install the Bearing Lower Race on the forks Steerer Shaft like you would on any standard fork. See Fig.1

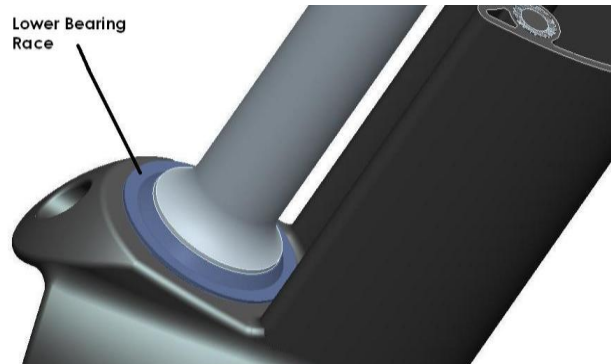


Fig. 1

Step 2) Assemble the Steerer Shaft Nut and Steerer Lock Screw.

- Be sure to use an Anti-Seize Compound on the aluminum threads to prevent seizing and galling.
- Using the 6mm Allen key, thread the Steerer Lock Screw into the Shaft Nut in until it hits the top of the Shaft Nut. Do not tighten the Steerer Screw down. You are just moving it out of the way for installation later. See Fig. 2

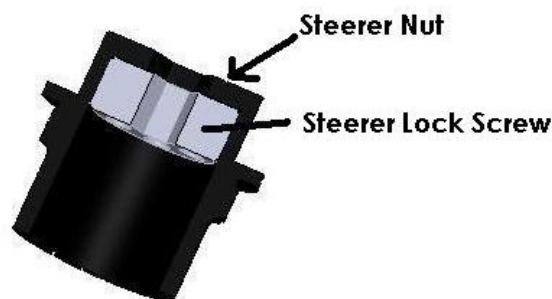


Fig. 2

Step 3) Slide the Bearing Top Race on to the Steerer Shaft Nut. See Fig. 3

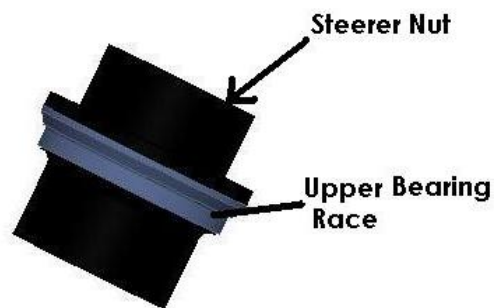


Fig. 3

Step 4) Insert the bearings into the frame.

Step 5) Insert the Bayonet II Fork into the frame.

Step 6) Thread the Steerer Shaft Nut onto the Steerer Shaft.

- Be sure to use an Anti-Seize Compound on the aluminum threads to prevent seizing and galling.
- Use an 8mm Allen key to thread the Shaft Nut onto the Steerer Shaft
- This will determine the headset tension. Adjust it just like a standard threadless headset. See Fig. 6

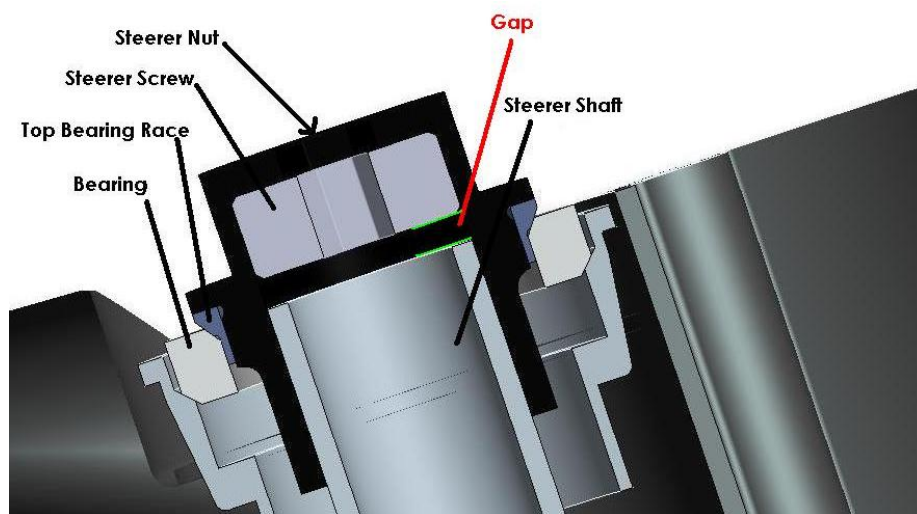


Fig. 6

Step 7) Adjust the Steerer Lock Screw to hold the headset adjustment.

- Using a 6mm Allen, insert the Allen key through the opening in the Steerer Nut into the Steerer Lock Screw.
- Turn the Steerer Lock Screw clockwise until it contacts the Steerer Shaft. The Steerer Lock Screw holds the headset in adjustment.
- Tighten this to 12Nm with a torque wrench. See Fig. 7

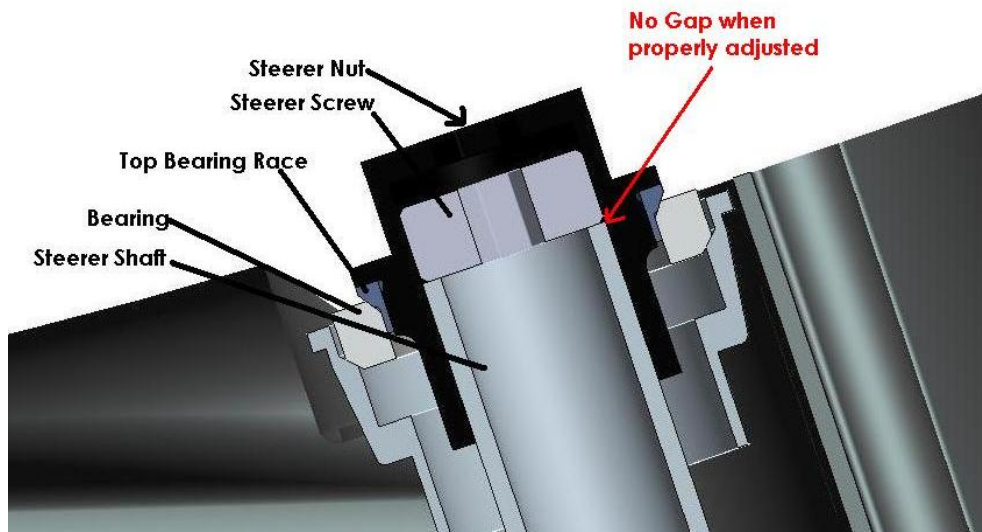


Fig. 7

Step 8) Slip the Stem Extension over the Stem Base. Then insert the Splined Shaft/Knuckle into the Stem Extension being sure to align the slot of the Splined Shaft with the slot in the Stem Base. This assures a smooth fit and that the Set Screw (which will be installed in step #11) will seat properly. This will set the angular position of the stem, so double check the Stem Extension's position before installing the Splined Shaft. See Fig.8

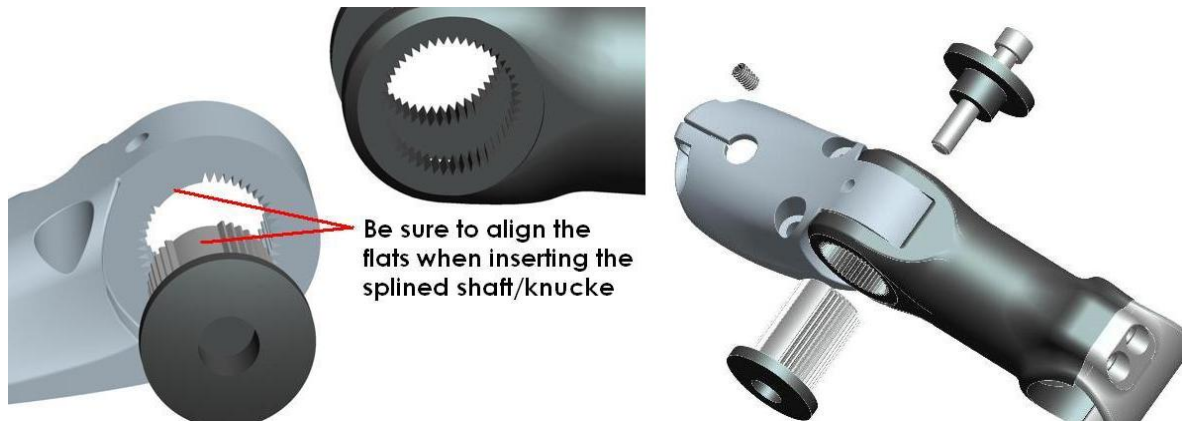


Fig. 8

Step 9) Install the Bayonet II Stem.

- Install the Bayonet II Stem over the Steerer Shaft Nut.
- Insert the M6 x 30mm bolts through each hole in the stem, through to the threads in the Bayonet II Fork.
- Tighten the bolt to 12Nm with a torque wrench. See Fig.9

Step 10) Tighten the M6 x 18mm pinch bolt in the Bayonet II Stem. See Fig.9

- Tighten the bolt to 12Nm with a torque wrench.

Step 11) Insert the Set Screw into the back of the Bayonet II Stem. This will lock the stem angle adjustment. See Fig.9

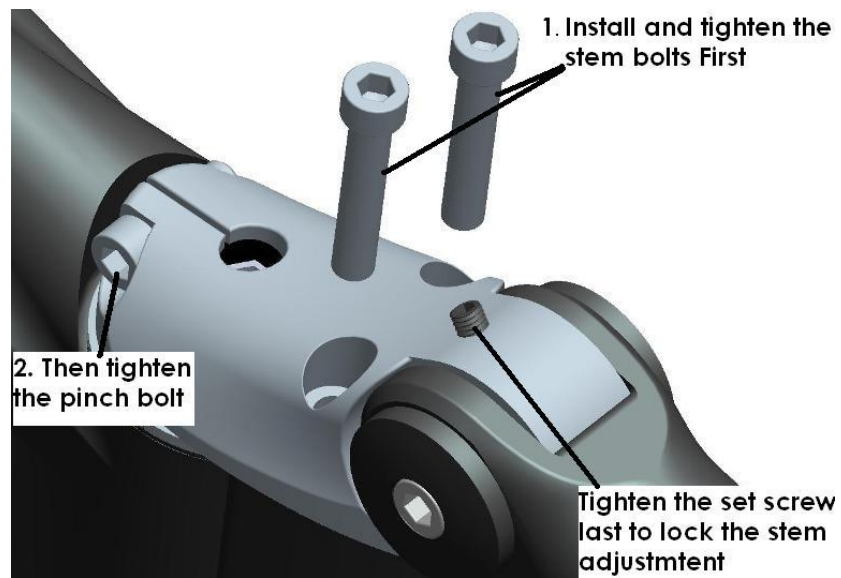


Fig. 9