

## Truss Fork Installation

This covers Truss Fork installation using a Jones headset for truss forks. For other headsets, please refer to the notes that follow these instructions and check with your dealer or at [www.jonesbikes.com/support](http://www.jonesbikes.com/support) to see the latest compatibility information. If you do not understand these instructions, or you have a question about your Jones Truss Forks or headset that this information does not cover, consult your Jones Bikes dealer. If you have a question or problem that your Jones Bikes dealer can't handle, contact us at:

**Jones Bikes, 101 Sunny Street, Talent, Oregon 97540**

Telephone: (541) 535-2034 Email: [contact@jonesbikes.com](mailto:contact@jonesbikes.com) Website: [www.jonesbikes.com](http://www.jonesbikes.com)

1. Ream and face the headtube.
2. Use a headset press to press headset cups into the frame. Note that they're both the same!  
And they don't have any markings for you to get straight!
3. Thread the three truss clamp bolts in until they have threads engaged, but are not threaded in any further, as this will begin to compress the clamps, making it difficult to insert the steerer tube.
4. Push the steerer tube in from the bottom of the fork and leave about 15mm exposed above the lower truss clamp.
5. Grease the cups liberally, and push the bearings into the grease, making sure that the bearing retainers are oriented correctly. Take the grease that squeezes out and use it to cover the bearings.
6. Put a 1.5mm spacer on the steerer, followed by the headset's lower split ring, followed by the headset cone assembly, making sure that the rubber seal is pressed on completely.
7. Set the top headset cone assembly and split ring on the top headset cup with bearings in place and don't forget to check the seal.
8. With lower bearings in place, slip the lower headset parts together and begin feeding the steerer up toward the top headset cup until it is exposed a few mm.
9. Put spacers in between the upper headset assembly and the upper truss clamp by pulling upward on the truss to stretch it a bit so that the spacers are tight and actually begin preloading the headset slightly (you don't need to really bend the fork, but you just don't want the spacers to be at all loose, as it will make tightening the headset difficult).
10. Feed the steerer the rest of the way up, usually by hitting it with a soft mallet from the bottom until it's flush with the bottom of the fork.
11. Tighten the lower two truss clamp bolts evenly to between 90 and 100 in-lbs (10-11.25 Nm), adjust the headset as usual, then tighten the upper truss clamp to approximately 65 in-lbs (6.78 Nm).
12. Tighten the stem to the manufacturer's recommended torque.

**Note:** You can place the spacers above or below the headset to affect the frame geometry a small amount. Place all the spacers above the headset for a lower bb and steeper angles (quicker feeling) or all below the headset for a higher bb and slacker angles (more laid back). As a rule, we set up the bikes as described above, with the bulk of the spacers above the headset. Just remember to keep at least one 1.5mm spacer underneath the headset at all times.



Above, steel Truss Forks (QR dropout version!) and a Jones Truss Fork compatible headset

### Truss fork headset compatibility information (intended for professional mechanics).

In order for a headset to work with the Jones truss fork, it must have what amounts to two upper headset assemblies. On different types of headsets this means different things: on Chris King headsets, you will need to replace the crown race with a "GripLock bearing cap", which is the same as what goes on the top of the headset assembly because the upper and lower cups and bearings are the same; on a Cane Creek headset, you can't do the same thing. In the latter example, you can purchase two complete upper headset assemblies for the 110 headset, and use those, but with Cane Creek's other headsets, the process is different. With the 40 and 10 models, you can use the plastic split ring that is available at our store at [www.jonesbikes.com/store](http://www.jonesbikes.com/store). For all other headsets the same follows, but it can be complicated, and in some cases, it's not possible to modify the headset to work with a truss fork. In any case, using a standard crown race will not work under any circumstances! For these reasons, we recommend using either a Jones headset for truss forks, or a Chris King NoThreadSet with the GripLock bearing cap in place of the crown race. For updates in compatibility and more information, please refer to <http://www.jonesbikes.com/support/>, and check check with your Jones Bikes Dealer. See User Manual for more information.