Truss Fork Installation

This covers Truss Fork installation using a Jones H-Set Sealed Cartridge for Truss Fork. For other headsets, please refer to the notes that follow these instructions and check with your dealer or at **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 Fork 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 **jonesbikes@jonesbikes.com**.

Jones Bikes | Oregon | USA

Website: **www.jonesbikes.com**

For contact information please go to: **www.jonesbikes.com/contact/**

For more Jones technical information and manuals go to: **www.jonesbikes.com/support**

1. If necessary, ream and face the headtube.
2. Use a headset press to press the H-Set 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 clamp making it difficult to insert the steerer tube.
4. Grease the cups, split rings, and outside of the bearings.
5. Push the steerer tube in from the bottom of the fork and leave about 15 mm exposed above the lower truss clamp.
6. Put a 1.5 mm spacer on the steerer, followed by the lower cover, lower split ring, and bearing in the correct orientation. (See images 1, 2, and 3)
7. Set the upper headset bearing, split ring, and cover on the top headset cup in the correct orientation. (See image 4)
8. With the lower bearing assembly in place, begin feeding the steerer tube 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). (See image 5)
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 1.5 mm spacer underneath the headset (step 6) at all times.

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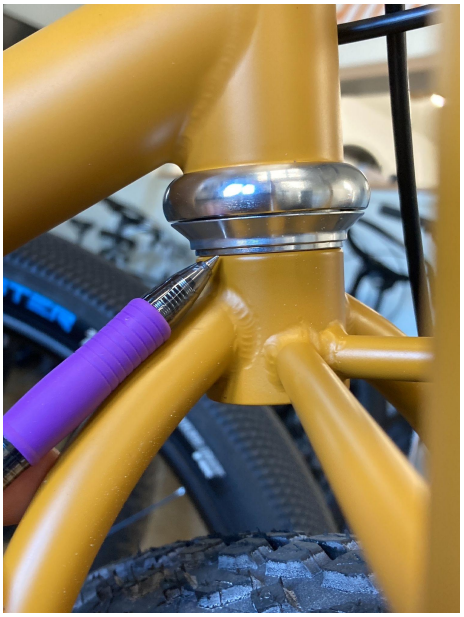

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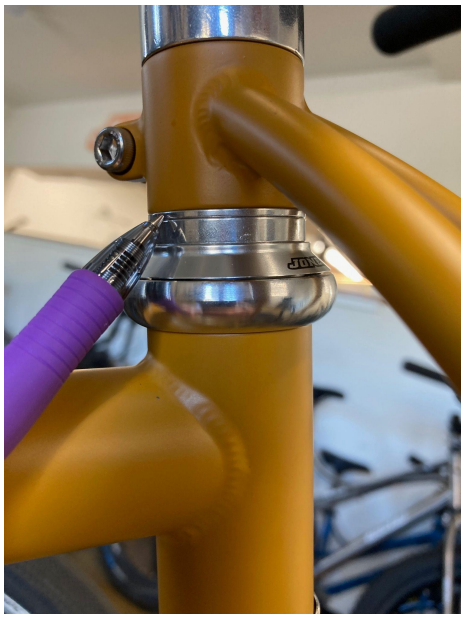

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Truss fork headset compatibility information (intended for professional mechanics).

In order for a headset to work with the Jones truss fork, it must have what amounts to two upper 1 1/8" 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 110 or 40 headset, you can purchase two complete upper headset assemblies (EC34/28.6); for most others, you can use the plastic split ring that is available at our store at www.jonesbikes.com/store, but it can be complicated, and in some cases, it’s impossible 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 a Jones H-Set for Truss Forks.