

Precision Fork Fixture Instructions

Congratulations on your purchase. With a bit of care, your Precision Fork Fixture should last a lifetime. Here's what to know:

- 1) The crossbar support attaches to the bottom of the main beam with the two supplied flat socket head bolts. This requires a 4mm hex key.
- 2) Don't overtighten the knobs. Finger tight is plenty tight. If you find yourself having to really crank the knobs, something's not right. Stop and determine the source of the problem. If threads or other surfaces get coated with brazing flux, soak the parts in hot water to remove the flux.
- 3) The vee block that supports the steerer is located to the main beam with two metal pins that slide into the holes in the main beam. The pins are a precise fit, so remove the vee block by pulling it straight off the main beam. Don't rock or twist the vee block. It should come off straight. If for some reason it's stuck, you can tap it lightly with a soft-faced hammer, or fashion a wood wedge to lift the vee off the main beam. Pay attention when the pins enter the holes; if they don't slide in nicely, stop and determine the problem. Clean the holes if necessary. This is a precision instrument, so dirt, metal chips and flux will affect the precision as well as cause havoc with the moving parts.
- 4) The dummy axle is equipped with a clip ring. The clip ring should rest against the dummy axle block to center it correctly.
- 5) To set the axle to crown distance you desire, place the vee block so it's located past the crown race seat area. Note the scale location of the front of the block, and measure from the front of the block to set your crown race seat exactly. For example, if you're making a fork with a 368mm axle to crown race length, place the vee block so the front is at 400mm, then use a scale to set the crown race at 32mm (400 minus 368) from the front of the vee block.

Happy Building!