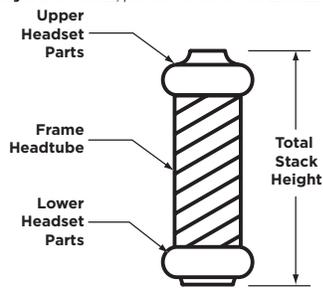


- 01** Determine that you have the correct upper crown size before installation. Measure the total stack height to determine the proper upper crown size.

For total stack heights of 90 – 165mm, your FOX 40 should have the **SMALL-LARGE UPPER CROWN**.
For total stack heights of 165 – 181mm, your FOX 40 should have the **EXTRA LARGE UPPER CROWN**.



- 03** Remove the existing fork from the bicycle. Remove the crown race from the old fork with a crown race removal tool.



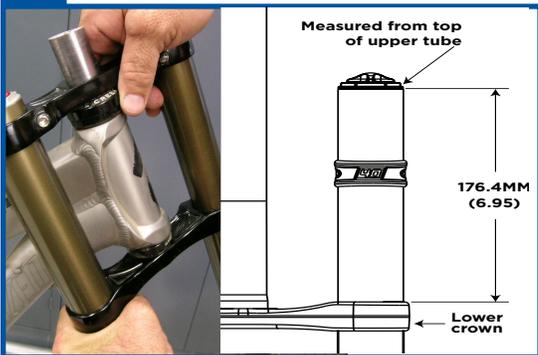
- 02** Place the bicycle in a repair stand.



- 04** Install the crown race from the old fork onto the FOX 40 with a crown race installation tool. The crown race must be firmly seated against the top surface of the lower crown.



- 05** Install the FOX 40 on the bicycle with all of the headset parts and upper crown. **DO NOT** change the height of the lower crown. Ensure that the lower crown is 176.4mm below the top of the upper tubes.



- 06** Ensure that the deep pocketed side of the upper crown faces downward on the bicycle.



- 07** Eliminate all play in the headset and then lightly tighten the steerer pinch bolt on the upper crown with a 5mm hex wrench. You will be removing the fork again so there is no need to overtighten.



- 08** Install the headset spacers (if required) and stem on the steerer and lightly tighten the stem pinch bolt(s). Again, there is no need to overtighten.



09 Mark the steerer with a scribe at the top edge of the stem.



11 Using a 5mm hex key wrench, remove the upper crown and fork from the bicycle. Using a 5mm hex key, remove the lower crown assembly from the upper tubes. Cut the steerer 3mm below the scribed line on the steerer. This allows room for the stem cap to lightly tension the headset and eliminate any play.



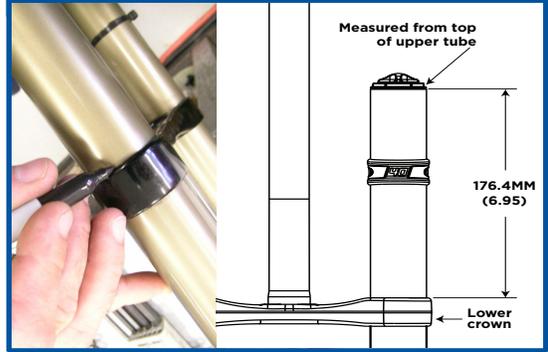
13 With a star-fangled nut installation tool, install the star-fangled nut into the steerer to the headset manufacturer's specified depth.



15 Install the FOX 40 onto the bicycle with all of the headset parts and upper crown. Use a plastic mallet, if needed, to tap parts into place.



10 Verify that the upper tubes are 176.4mm above the top surface of the lower crown. Use a pen and mark the upper tubes at the upper edge of the lower crown.



12 Deburr the inner and outer edges of the newly cut steerer.



14 Install the lower crown on the upper tubes to the correct height. Alternately tighten the four M5 lower crown pinch bolts until an even torque of 65 in-lb. (734 N-cm) is obtained. DO NOT OVERTORQUE the lower crown pinch bolts.



16 Install spacers (if necessary), stem, stem cap and M6 stem cap bolt. With all three upper crown bolts loosened, lightly tighten the headset stem cap bolt to remove play in the system so that it turns freely without drag.

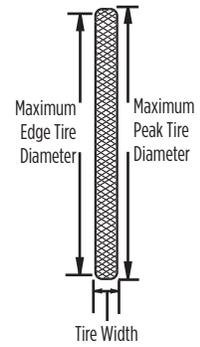


- 17** With a 5mm hex key socket and torque wrench, torque all 3 upper crown bolts to 65 in-lb (734 N-cm). DO NOT OVERTORQUE the crown bolts.



- 18** Use the following diagram to determine the proper tire size for use with the FOX 40.

Maximum Peak Tire Diameter = 694 mm = 27.3 inch
Maximum Edge Tire Diameter = 670 mm = 26.4 inch
Maximum Tire Width = 71 mm = 2.80 inch



- 19** To install the front wheel, loosen the 4 axle pinch bolts on the lower leg with a 5mm hex key.



- 20** Using a 5mm hex key, turn the axle counterclockwise to loosen and remove it.



- 21** Lightly lube the axle with grease. Install the front wheel into the dropouts, then insert the axle into the lower leg, threading the axle through the wheel.



- 22** Using a 5mm hex key socket and torque wrench, torque the axle to 19 in-lb. (215 N-cm).



- 23** Alternately tighten the left-side M5 pinch bolts until an even torque of 19 in-lb. (215 N-cm) is obtained. DO NOT OVERTORQUE the pinch bolts.



- 24** Compress the fork on the bike a couple of times to let the right side of the dropout settle into its low-friction point. Alternately tighten the right-side M5 pinch bolts until an even torque of 19 in-lb. (215 N-cm) is obtained. DO NOT OVERTORQUE the pinch bolts.



25 Place the bike on a flat surface and sit on it to set the handlebars straight relative to the front wheel. Tighten the stem pinch bolts and torque fasteners according to the stem manufacturer's specifications.



26 Torque the handlebar pinch bolts to the manufacturer's specifications.



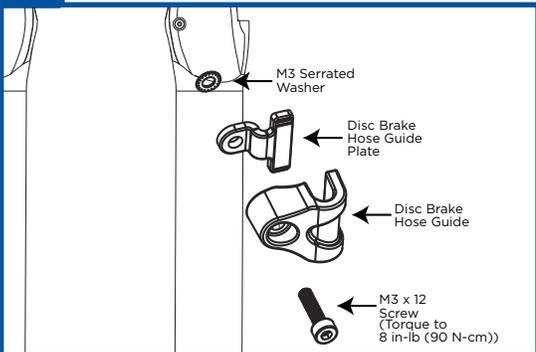
27 Adjust the steering stop bumpers to the proper height and angle on the upper tubes so that you have maximum turning angle. Depending on the shape and size of the frame tubes, you may need to use the thicker part of the bumper.



28 Install the front disc brake according to the disc brake manufacturer's instructions and torque values. FOX 40's only use 200-225mm DH disc rotors. Contact the disc brake manufacturer for the correct caliper mount. It is recommended that new disc brake pads are installed to ensure proper alignment and to minimize drag.



29 Route the disc brake hose from the caliper through the inside of the lower leg and through the supplied disc brake hose guide. Assemble parts in the orientation shown.



30 Using a 2.5mm hex socket and torque wrench, torque the disc brake hose guide fastener to 8 in-lb. (90 N-cm).



31 Make sure your brakes work before mounting the bicycle. Compress the fork a couple of times to ensure proper functionality. Test brakes and fork setup on flat ground for proper operation before hitting the trails.

