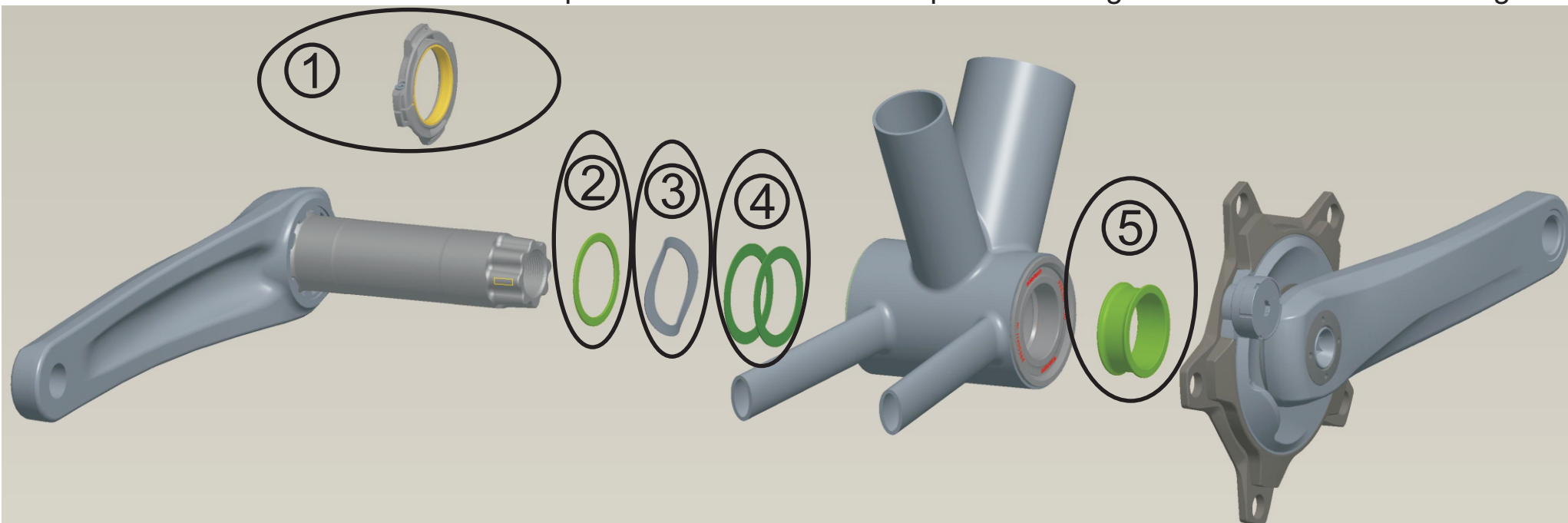


Quarq BB30A Aluminium Crank Assembly Instructions

1. Remove the preload adjuster from the non drive side crank arm/spindle. Set the preload adjuster aside as it is not used on a BB30A frame with aluminum cranks.
2. There may be an aluminum 1mm spacer behind the preload adjuster on the spindle, if present leave in place.
3. Install wave washer onto the spindle.
4. Install 2 qty. clear plastic(0.5mm) shims onto the spindle.
5. Insert spindle through the frame/bearings from the non drive side until the shims and wave washer are sandwiched by the crank arm and bearing.
6. Place the 13.01mm Black Aluminum spacer onto the end of the spindle sticking out of the drive side bearing.



7. Use a torque wrench with an 8 mm hex bit socket to tighten the drive side crank arm bolt to 54 N·m (478 in-lb).
8. The wave washer should be compressed, but not flattened when the crank bolt is tightened to 54 N·m (478 in-lb). Check the crankset for excess drag in bearings and for play by rocking the crank arms back and forth. Add/Or remove clear plastic(0.5mm) shims to get proper compression on wave washer.

