

MTB Front Disc 130 and Front 105 Overhaul

MTB Disc 130 Front Hub and 105 Non-Disc Front Hub Overhaul and Bearing Change.

• **Tools Needed:** Two 19mm Cone Wrenches, Two 6803-C3 Bearings, Hammer, Punch

• **While disassembling the hub, keep all loose parts organized on a clean rag or paper towel. Proper re-assembly is very important to rider safety. Be careful not to damage threads or aluminum nuts.**



1. Using two 19mm cone wrenches, turn counter clockwise to loosen and remove the lock and adjusting nut.



2. Push the quick release axle to the disc side, and pull the axle from the hub.



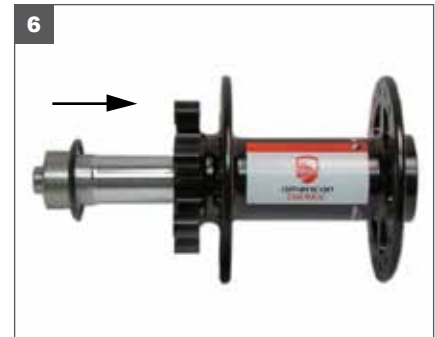
3. Hub shell with 6803-C3 bearing. There is one bearing on each side of the hub.



4. Insert a punch through the hub and rest on inner race of the opposite side bearing. Tap punch in a circular motion with a hammer around inner race to remove bearing. Flip hub over and repeat to remove second bearing.



5. Position a new bearing onto the hub shell. Place one of the old bearings on top of the new bearing and gently tap in the bearing. Flip the hub over and repeat to install second bearing. **NOTE: Damage can occur to the hub shell if bearings are not installed straight.**



6. Push the quick release axle with dust seal into the disc side of the hub until the threads show completely on the opposite side. Make sure the axle is fully pressed through the hub shell.



7. Thread the 19mm adjusting nut with dust seal attached onto the axle and tighten with a wrench. Tighten the adjusting nut until there is no play and back off one quarter rotation.

Then thread 19mm lock nut onto the axle and tighten with 19mm cone wrench. Check bearing adjustment. Step 7 may need to be repeated to achieve optimal adjustment.

Bearing Adjustment: With the wheel in the fork, check for the desired adjustment by wiggling the tire at the rim to feel for "slightly more than no play."

Very Important!

Make sure the dust seal is NOT pinched against the bearing when threading on lock and adjusting nuts.

If the dust seal is pinched in final assembly the hub will appear to be tight and loosen when riding.