



# REYNOLDS

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## RESOURCES

### **REYNOLDS HUB SERVICE (3): INSTALLATIONS OF THE 11SPD UPGRADE KIT FOR KT KIT #20073**

This hub service document is for Reynolds hubs starting in 2007 through the present. The Reynolds hub is found on Solitude, Attack, Assault and Strike models.

By following the steps below, you will successfully be able to upgrade your 9/10spd Campy Reynolds KT hub to 11spd. This kit contains a new axel, cassette body, and endcaps. Upgrading to the 11spd kit is something that requires a small amount of time, patience and technical know-how.

If at any time you have questions, contact us at Reynolds Cycling by phone at (801) 565-8003 or email at [info@reynoldscycling.com](mailto:info@reynoldscycling.com).

#### **Tools needed:**

- Two 5 mm allen wrenches
- 10m allen wrench
- Axle/bearing press
- Hub shell supporting tool
- thin blade screwdriver
- needle nose pliers
- lightweight grease
- clean shop towel

1. Start by removing the cassette from the rear wheel. Once the cassette is removed you can now insert a 5mm hex wrench into each end of the axle. Remove the end cap from the drive side on the axle. If the non-drive end cap comes off, leaving the drive side in place, insert a 10mm hex wrench into the non-drive side of the axle to hold it in place. Now remove the end cap from the drive side of the axle.
2. Install the smallest cog on to the hub and thread the lock-ring hand tight. It is best to wrap a rag around the teeth of the cog. Brace the rim on a soft surface on the floor while holding the top of the rim with one hand. Now with the other hand pull outward on the freehub body using the cog and with the rag wrapped around it for extra grip. It will take a little force but the freehub should slide off the axle.
3. With a thin blade screwdriver, remove the black Delran hub seal
4. At this point you will want to press out the axle. Position the wheel so that the drive side is facing up and the hub itself is resting on a holding tool. Using an Arbor press push gently on the axle until it "falls" from the hub. Pushing on the axle will also remove the non drive side bearing.
5. Grasp the open ends of the spring between your thumbs, with the rounded closed end against your forefingers, and gently open the gap between the spring ends about half again as much as stock.
6. Lightly grease pawl faces and hub internals with lightweight grease (Slick Honey or another light grease about the consistency of Vaseline works best).
7. Re install hub seal, cassette body and end caps.



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