

Williams Cycling

Freehub Body Swapping.

Use two 5mm allen wrenches to remove drive side (Cassette side) end cap.

1. Insert a 5mm allen wrench in each side of the rear hub.
2. Unthread cassette side end cap in counter-clock wise direction.
3. Slide the existing freehub body off the axle. Make sure the spacer (on the axle) behind the freehub body is removed as well. Make sure pawls come out with the freehub body. Sometimes the pawls will stick inside the hub shell. If this happens, use fingers to pull them out.
4. With a cloth, clean the internal ratchet ring area.
5. Place light grease on back of freehub body ratchet ring area. Place grease on ratchet ring. Place grease on axle.
6. Install spacer on axle.
7. Slide on the new freehub body. Make sure it slides all the way in and the pawls engage the ratchet ring.
8. Install black seal. (Remember to Install black seal after you install free hub)
9. Reinstall the drive side end cap.
10. Done.

Switching from Shimano to Campy or Campy to Shimano.

Note: Older hubs may need to have the rim dished over a 2 to 3mm for proper dishing. New hubs, as of the fall of 2008 do not require dishing.