

Handcycle Axle Swap

Please refer to this document to convert the handcycle bolt-on axle to the new style axle.

Removing Current Axle (Step 1 OR Step 2)

STEP 1A. *If you have a hub with a bolt that does **not** retract, follow this step.*

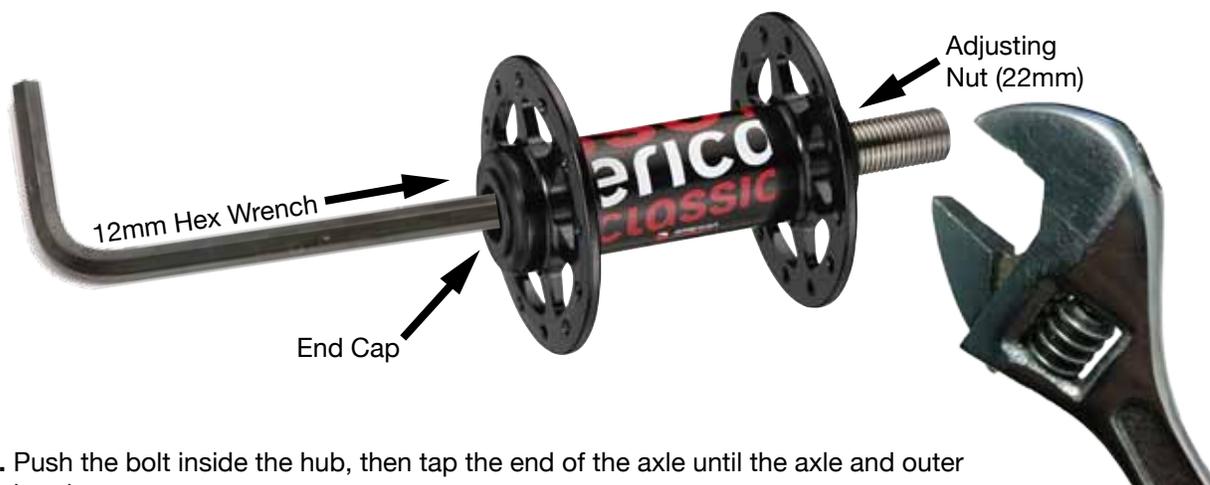
Remove the fixed style axle by tapping the end of the threaded axle with a wood block or rubber mallet until the axle and bearing come out of the hub.



STEP 1B. The new axle includes a bearing, you may throw out the fixed axle and used bearing. Go to STEP 3.

STEP 2A. *If you have a hub with a bolt that retracts (inside of the hub, like a turtle), follow this step.*

Use a 12mm hex wrench and an adjustable wrench to unthread and remove the adjusting nut.



STEP 2B. Push the bolt inside the hub, then tap the end of the axle until the axle and outer bearing come out.



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Axle Installation (Steps 3-4)

STEP 3. Insert the new axle assembly, with the bearing, into the hubshell. The axle will fit through the bearing that is still in the hubshell.

STEP 4. Thread the Adjusting Nut onto the axle. Using the 12mm hex wrench (Do **not** use a 10mm hex wrench) and an adjustable wrench, tighten the Adjusting Nut until both bearings are completely seated and flush in the hubshell. Be careful not to damage or strip the adjusting nut, or overtighten and damage the bearings.

