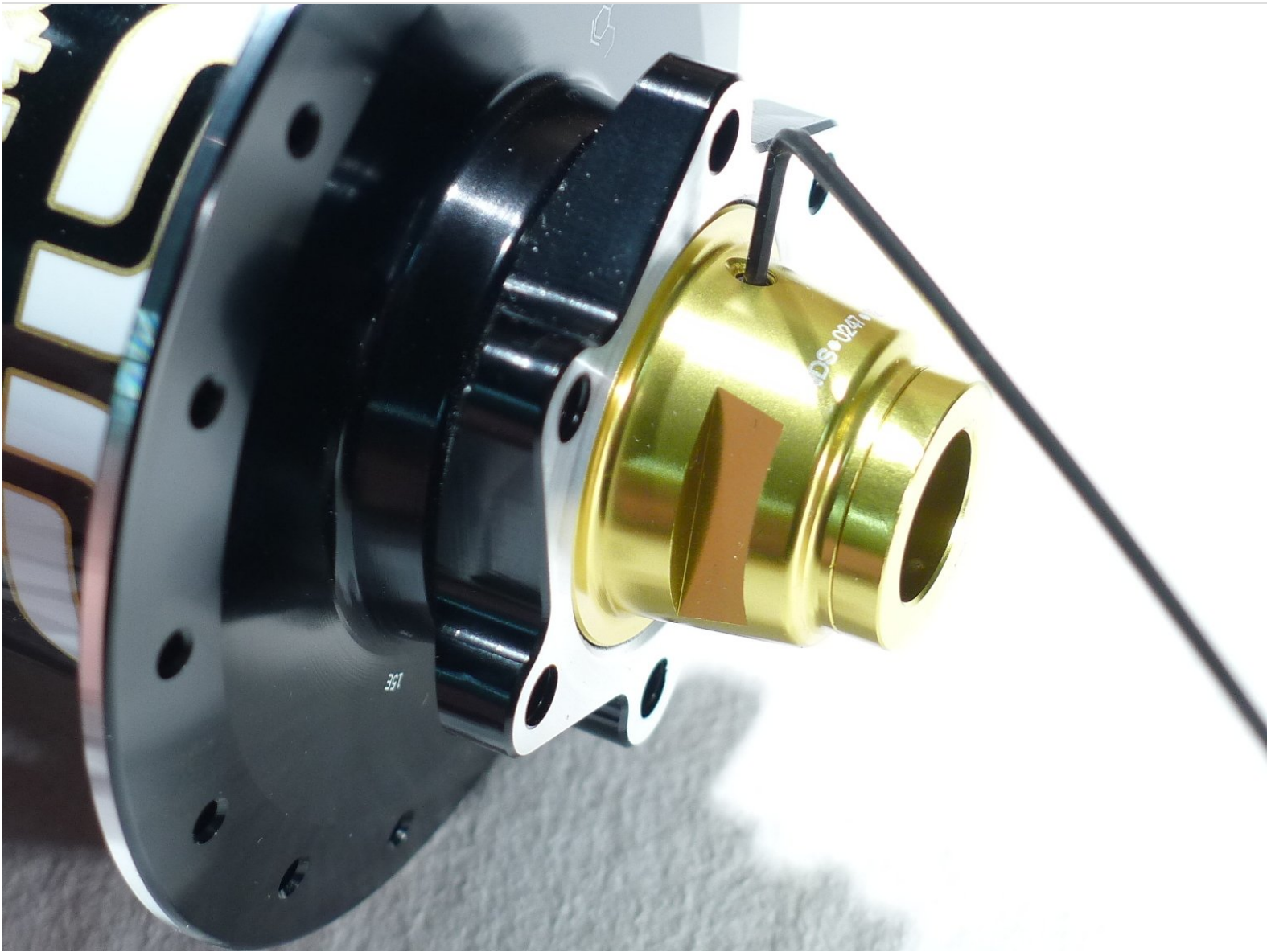




# Gen 1 axle - TRS+ rear hub - 12x142 and 12x135 bearing adjustment

How to adjust TRS+ 12x142 and 12x135 rear hub bearings in hubs using the generation 1 axle  
This axle has been replaced by the generation 2 axle which is backward compatible for all TRS+ hubs.

Written By: The Hive - Jeremy

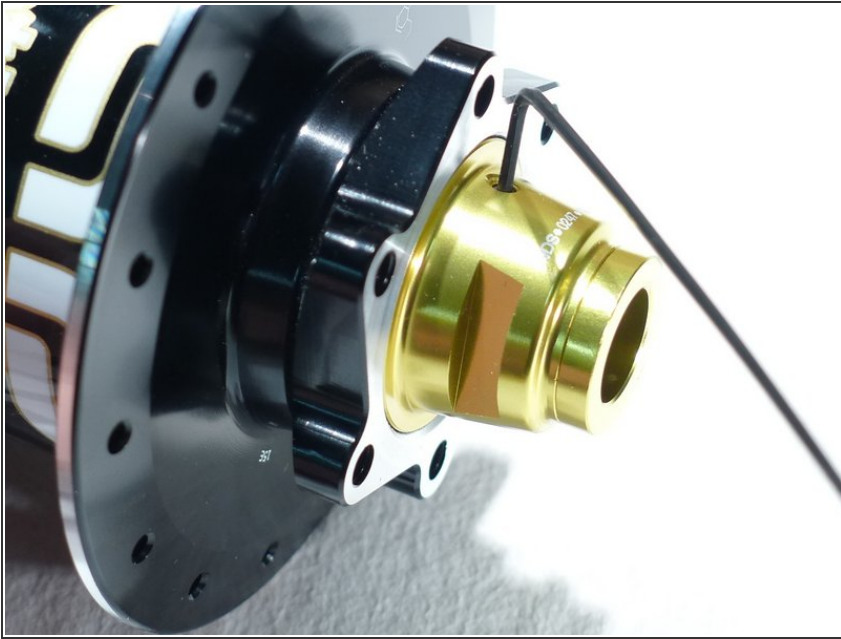




## TOOLS:

- [1.5mm hex wrench](#) (1)
- [17mm cone wrench](#) (1)
- [18mm cone wrench](#) (1)

## Step 1 — Gen 1 axle - TRS+ rear hub - 12x142 and 12x135 bearing adjustment



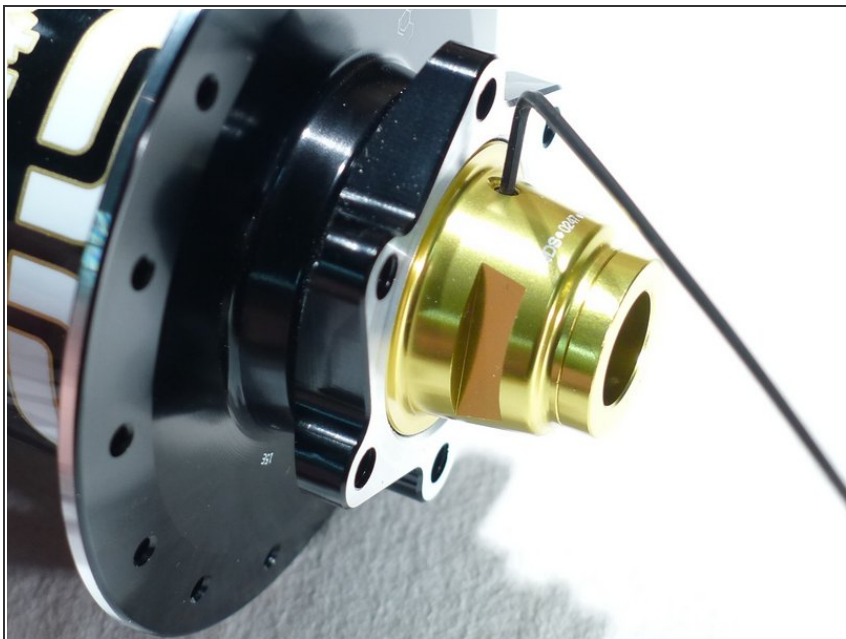
- Start by taking your wheel out of the bike
- Loosen the two 1.5mm grub screws on the non-driveside endcap by turning them counter clockwise

## Step 2



- Once the screws are loose you can adjust the bearing preload
  - The non-drive endcap has a left hand thread, so turning it counter-clockwise will tighten the hub
  - Turning the non-drive endcap clockwise will loosen the hub
- Tighten the endcap so the bearings no longer have play in them, but such that they also do not have excess drag
- Most of the time these adjustments can be accomplished by hand, but 17mm and 18mm cone wrenches can be used on the endcaps as needed

## Step 3



- When you are happy with the adjustment, tighten the 1.5mm set screws to 1.5nm

Thanks for reading, now get out there and ride!