



Belt Drive Adjustment Wheel Instructions

Here's your 3D printed belt drive adjustment wheel only from i3DGear! This 3D printed wheel does not have the brass sleeve insert that the original has, but it works well. Make sure you put a light layer of grease on the inside of the wheel to lubricate its rotation on the adjustment eccentric cam assembly.

The adjustment wheel differs from the belt wheel in that it has a substantially smaller inner hub diameter. To remove the existing adjustment wheel:

- 1) Pry off the small cap on the back of the autopilot wheel that covers the adjustment wheel eccentric.
- 2) You will see a nut with 2 holes on either side and an internal bolt with a 5/64" hex screw in it.
- 3) While holding the hex screw with a 5/64" Allen key, use a set of snap ring pliers to carefully remove the nut. Be careful as this nut can snap in half easily - it is very thin.
- 4) Push the eccentric adjustment shaft through the autopilot wheel by pushing on the Allen key you were holding the hex screw with.

Now remove the old adjustment wheel, apply grease to the hub and install the new adjustment wheel.

Once installed, and the autopilot wheel is re-assembled, follow the manufacturers instructions to adjust the tension on the drive belt by turning the hex screw above until the belt is tight. Re-install the cap. If you don't have a cap, it's not a big problem, it really isn't needed. If you want, put some tape on top of the hole instead of the cap.

If you have any problems, please contact me.

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