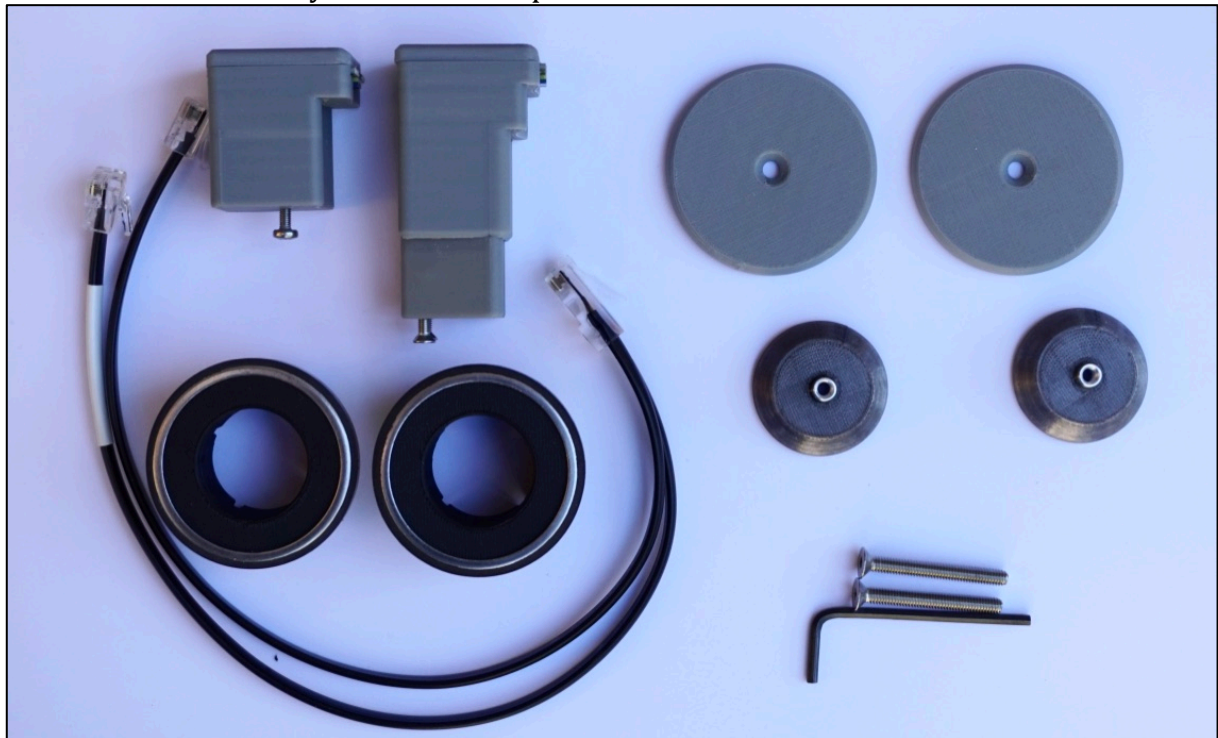


# AYO VAMO Traveler: Encoders Installation

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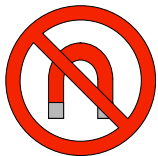
Please make sure that you have all the parts included in the kit:



**Encoder resolution: 311296 steps**  
**Current consumption: 20 mA each**

**Tools required:**

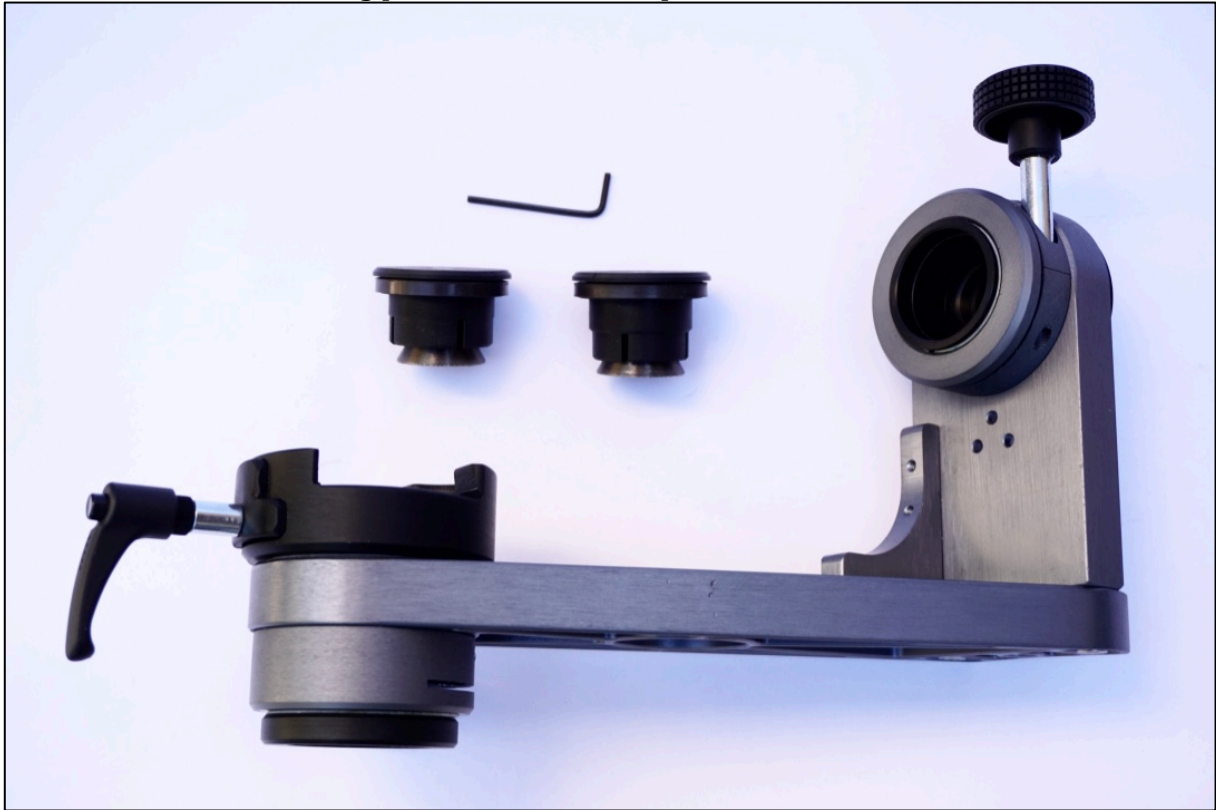
- Allen key (supplied)



Do not subject encoder disks to magnetic fields as it may affect the magnetization of the magnetic multi-pole rings.

## Azimuth encoder installation

You will need the following parts for the first step:



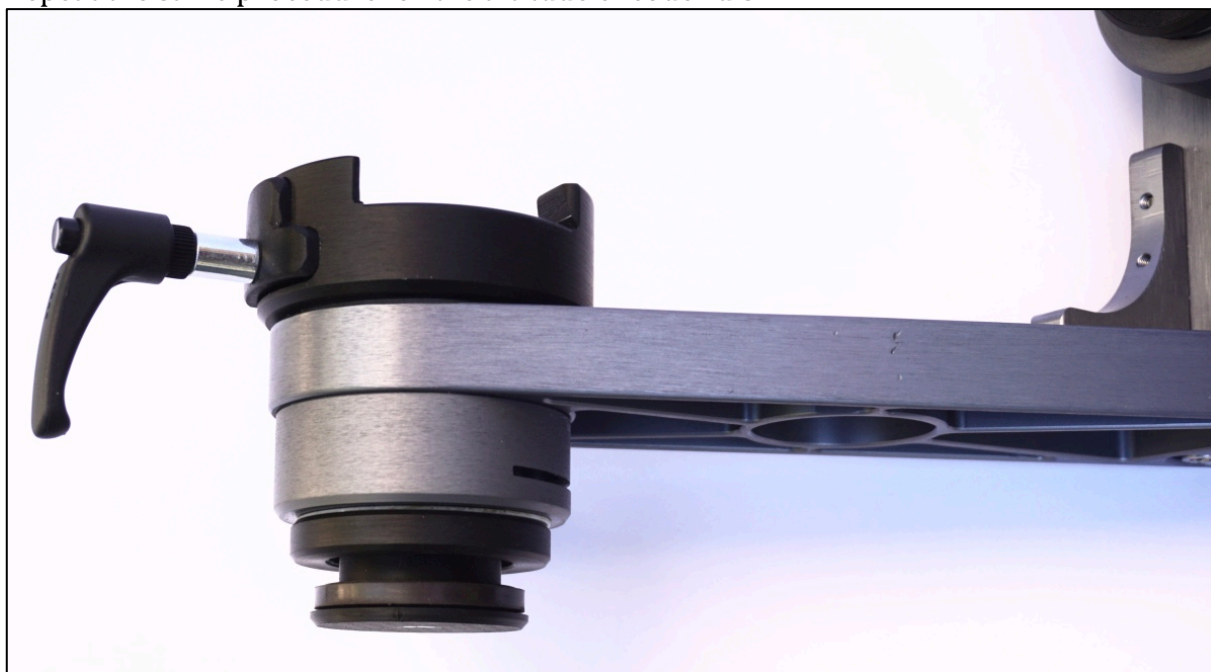
Please use the azimuth encoder disk from the bag containing the azimuth encoder parts and insert it into the azimuth hollow shaft:

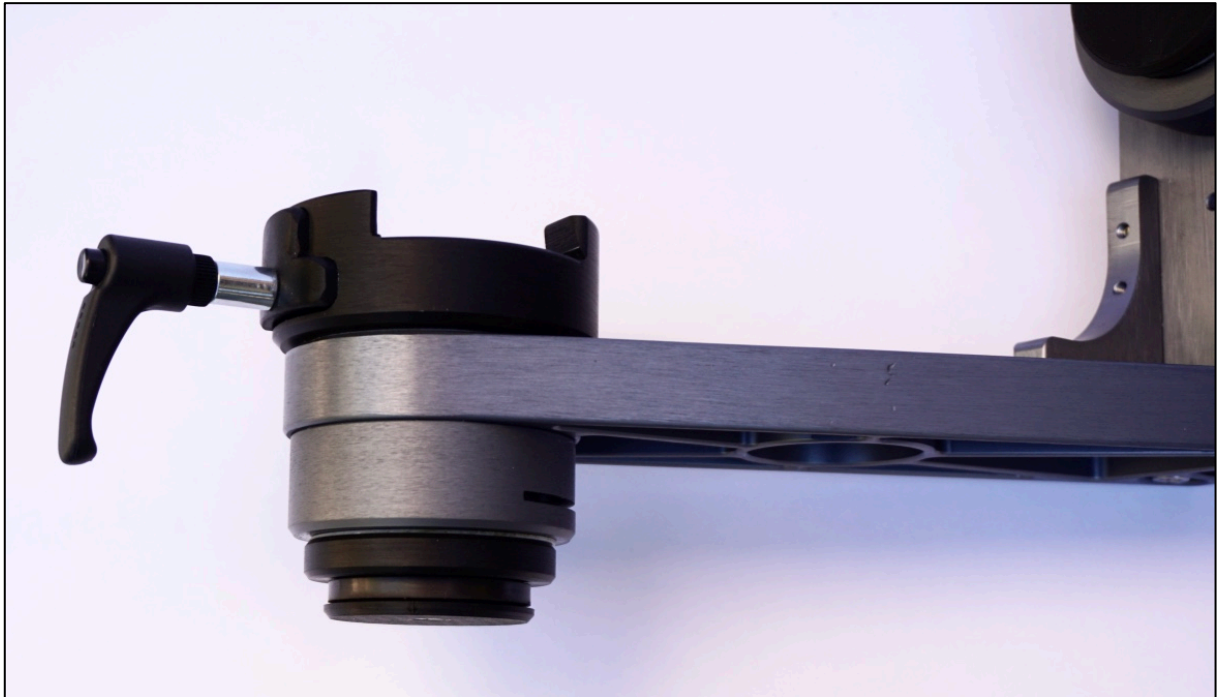


Now push it in:



Repeat the same procedure for the altitude encoder disk:



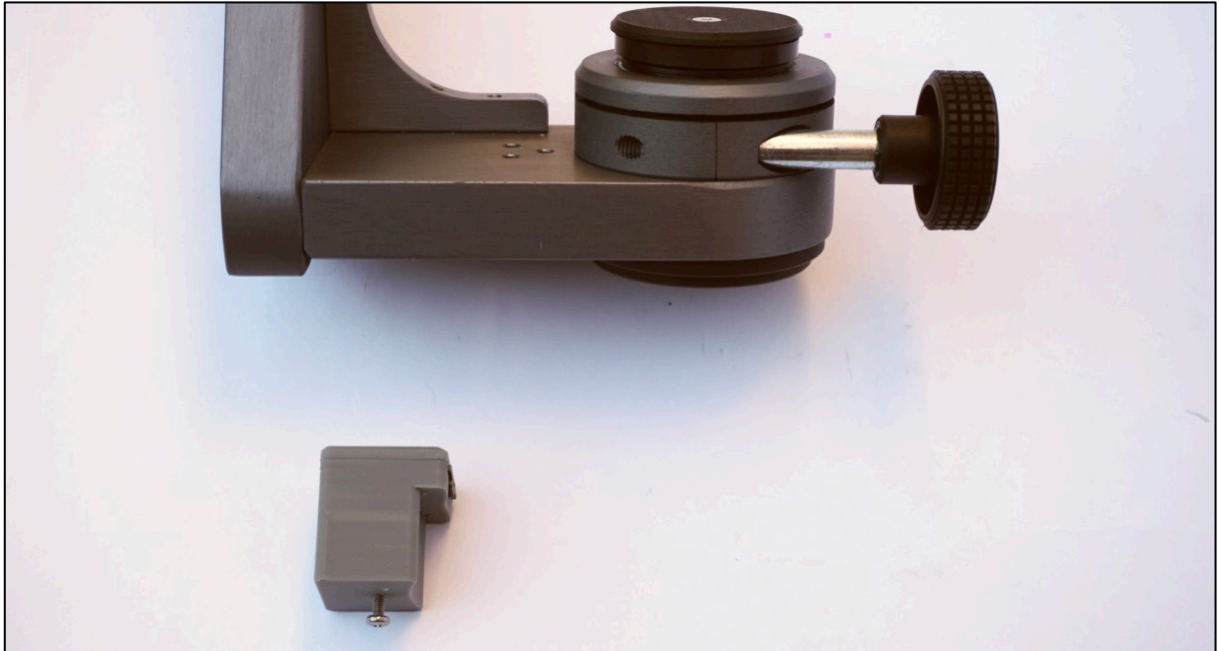


Now use the supplied Allen key to tighten the encoder disks in place – do not over-tighten them:





Now take the azimuth encoder reader (a short one):



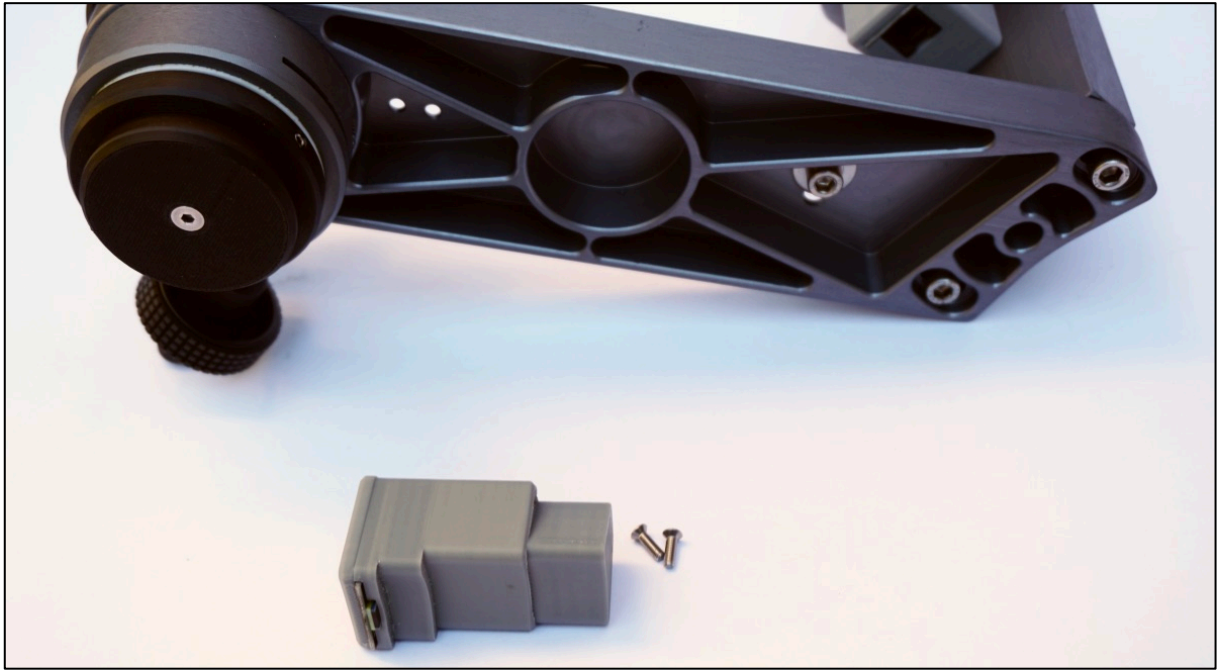
Remove the screw from the bottom of the reader's housing and install the reader in place:



Check gap between the reader sensor and the magnetic ring - it should be between 0.4 and 0.8mm:



Repeat the same procedure for the altitude encoder reader:





The installation is now complete:



Now connect the encoder cable - it is best to fix the encoder cable with cable ties supplied to avoid putting any force on the encoder readers during operating the mount with a DSC.

**The installation is now complete. Set the encoder steps in your DSC to 311296 steps for both the altitude encoder and the azimuth encoder.**