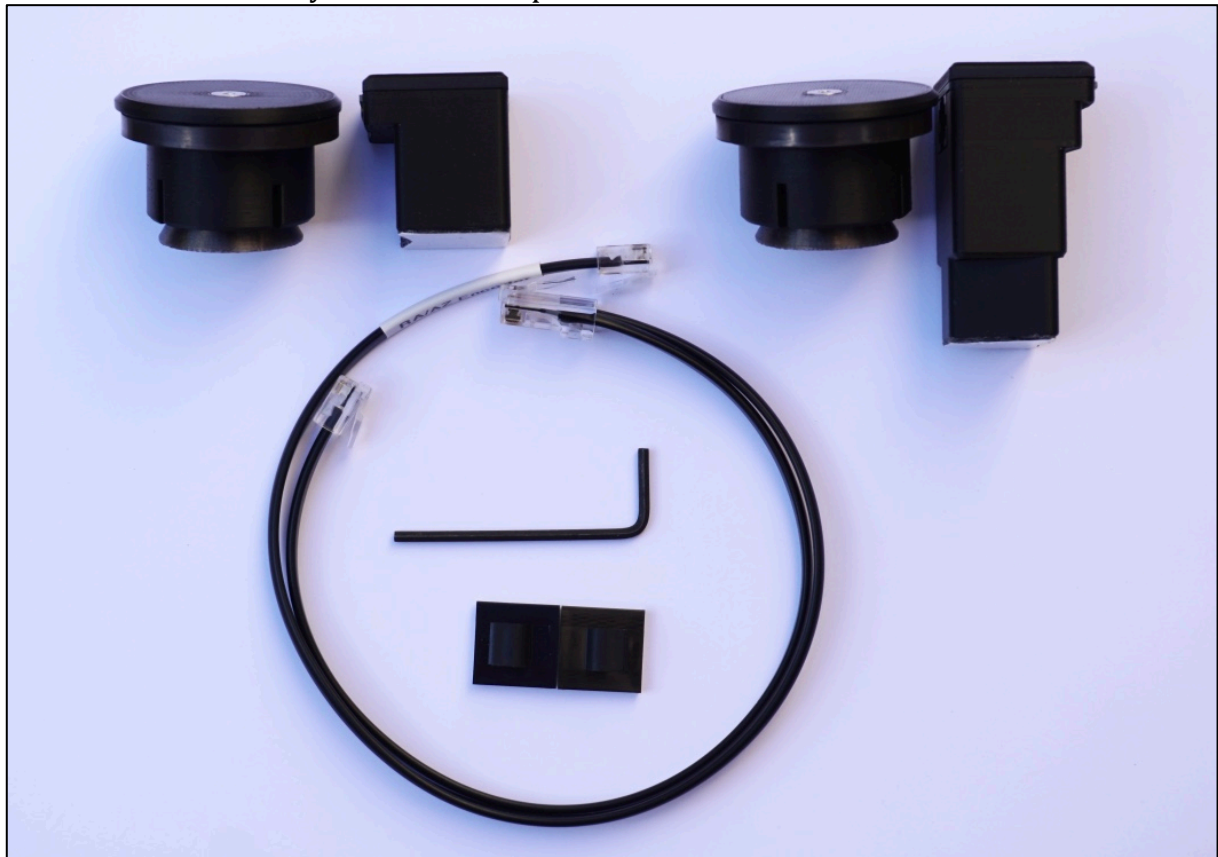


AYO VAMO Traveler: Encoders Installation

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

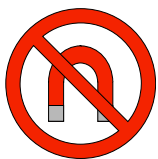


Encoder resolution: 311296 steps
Current consumption: 20 mA each

This instruction booklet shows the installation procedure for the azimuth encoder. The installation procedure for the second encoder is identical.

Tools required:

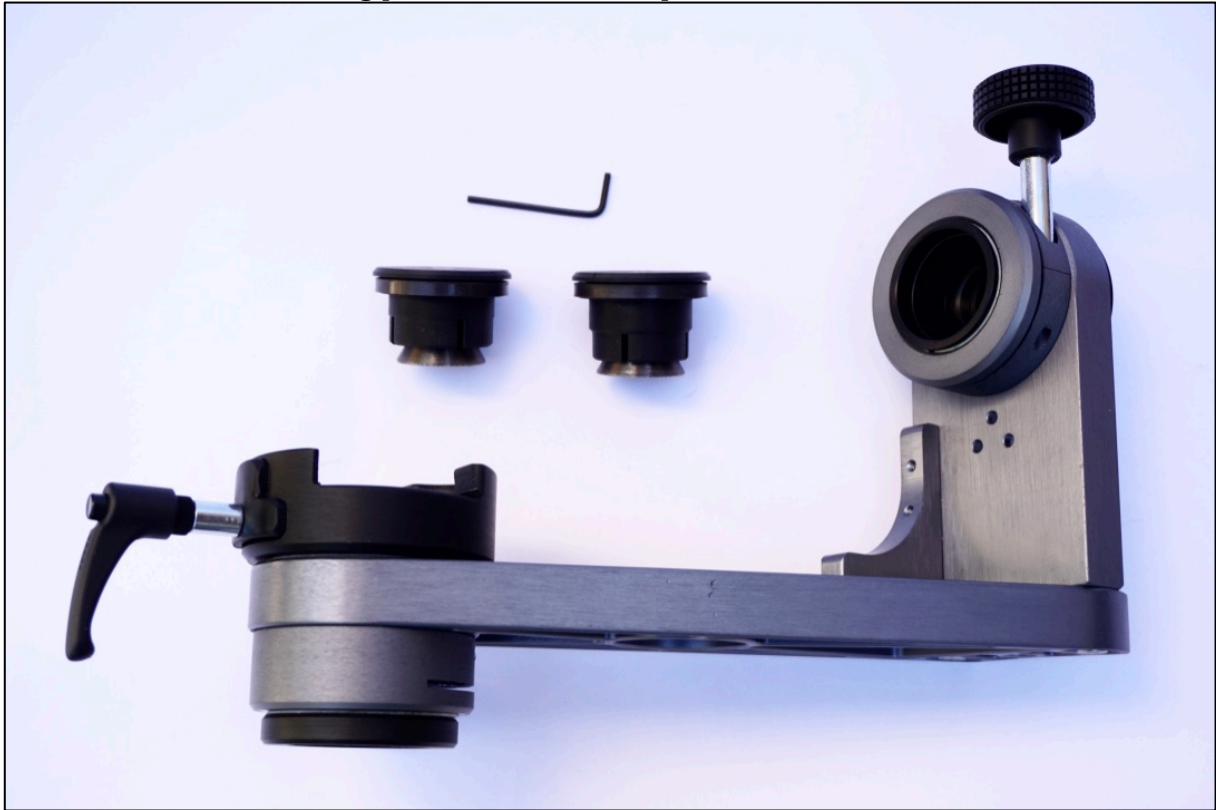
- Allen key (supplied)



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:



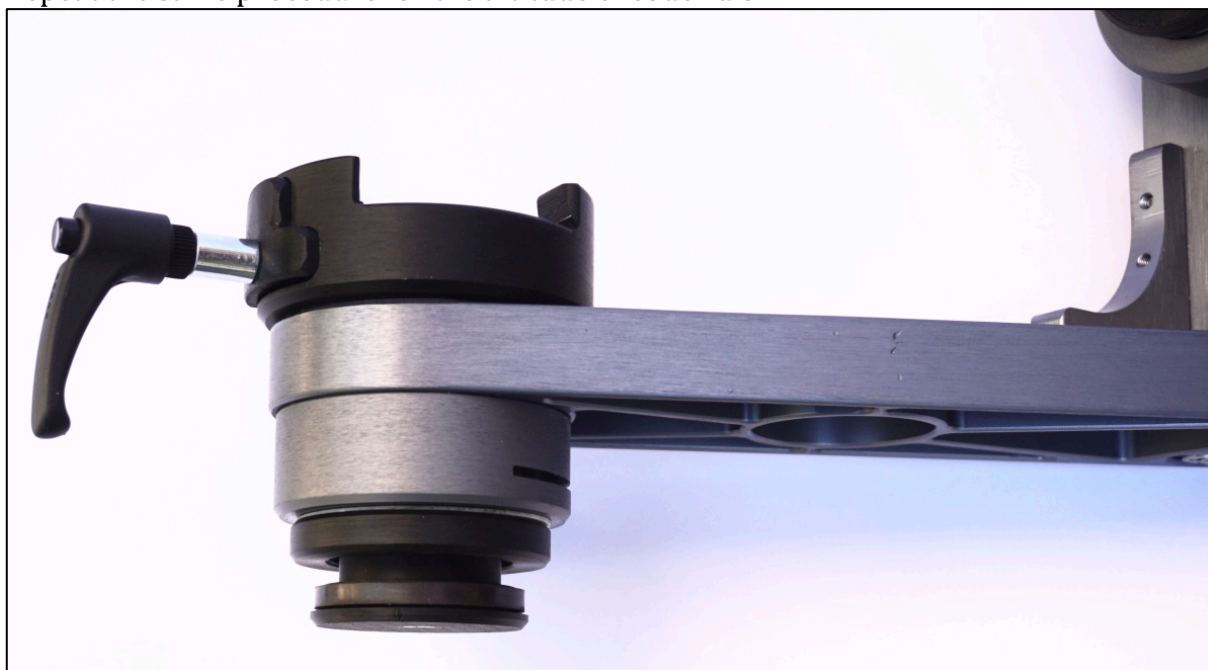
Please use the azimuth encoder disk from the bag containing the azimuth encoder parts and insert it into the azimuth hollow shaft:

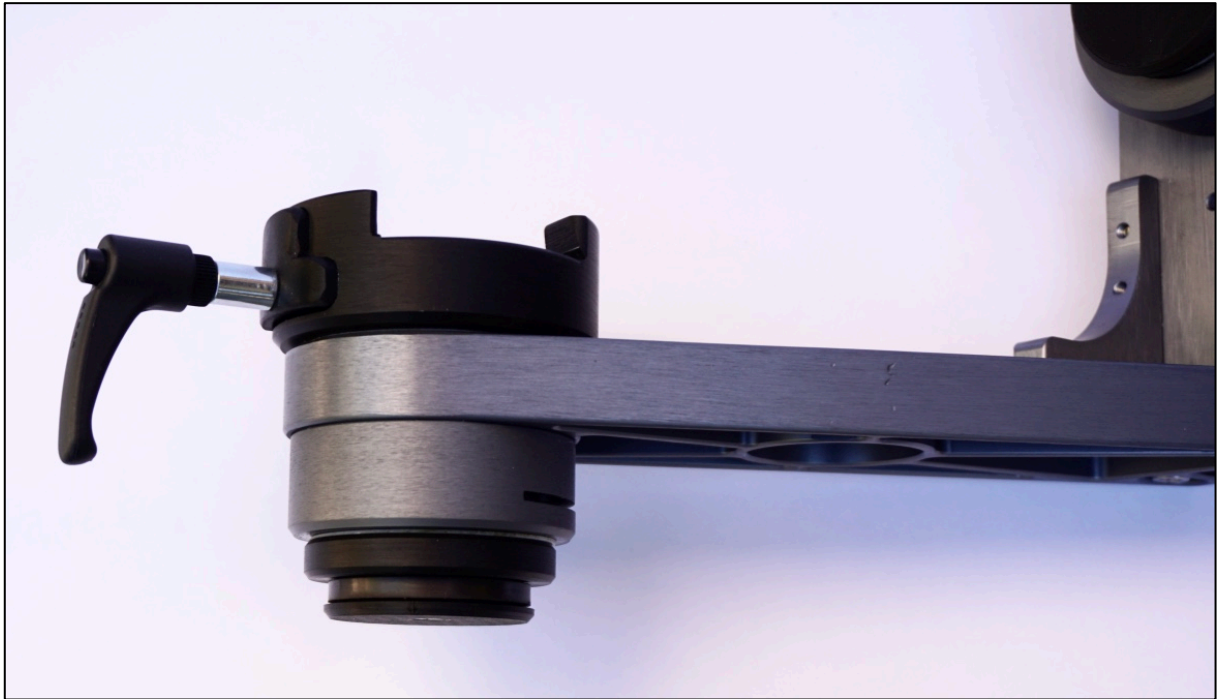


Now push it in:



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:

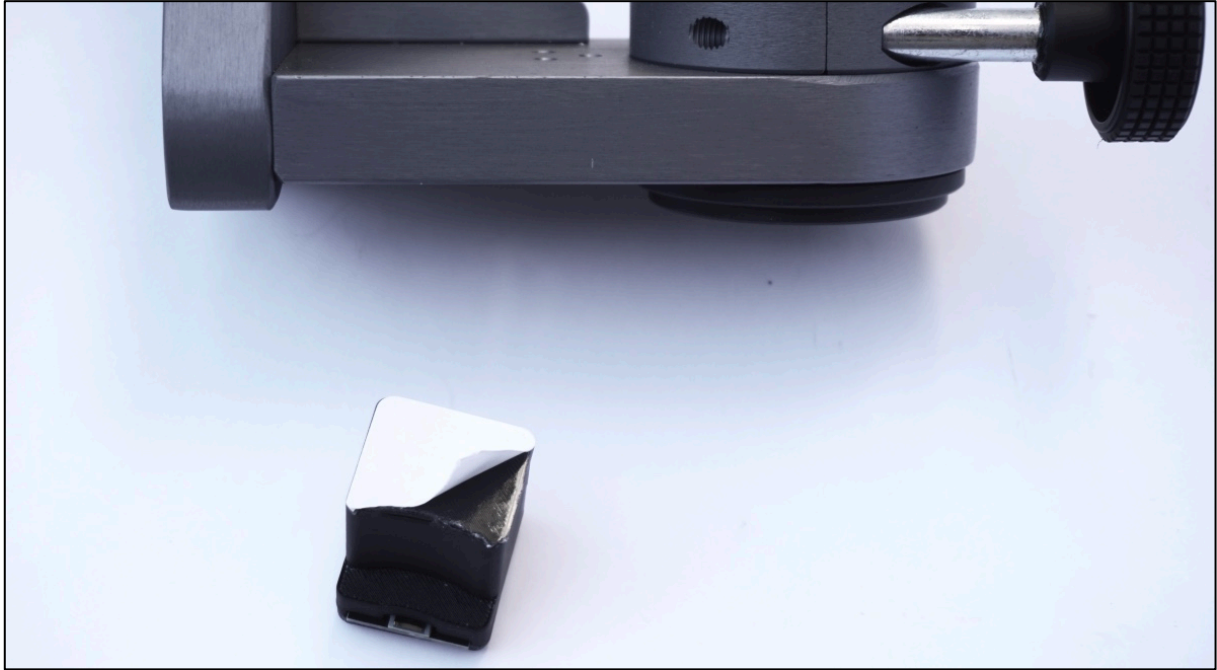




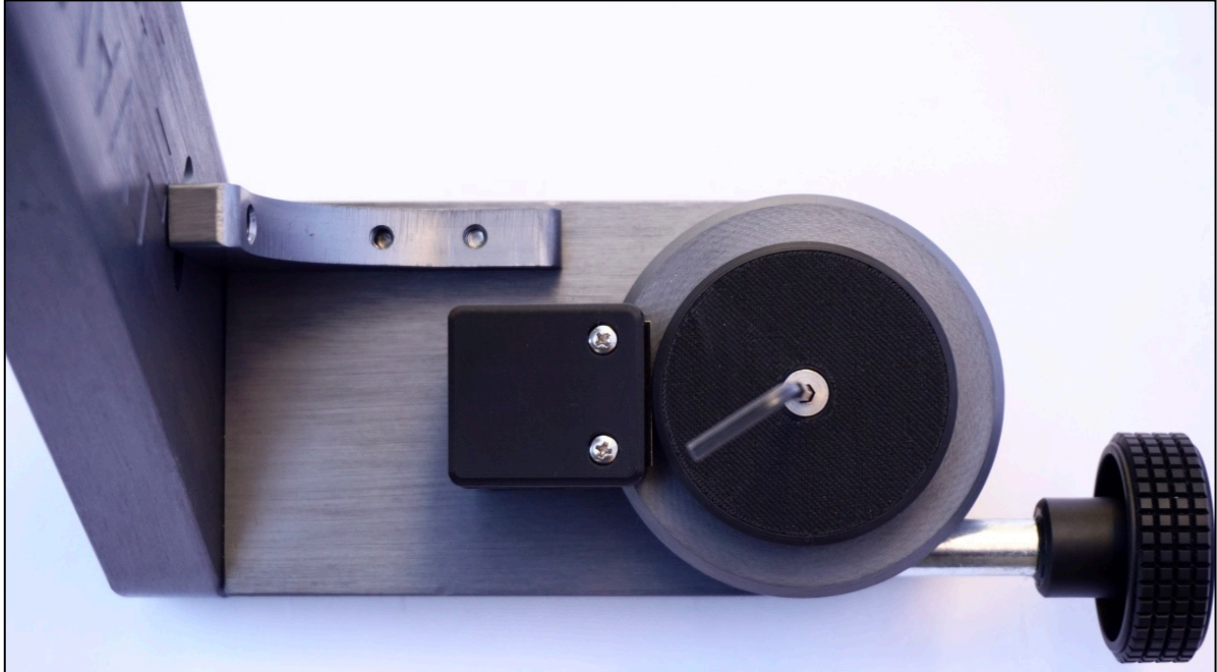
Now take the azimuth encoder reader (a short one):



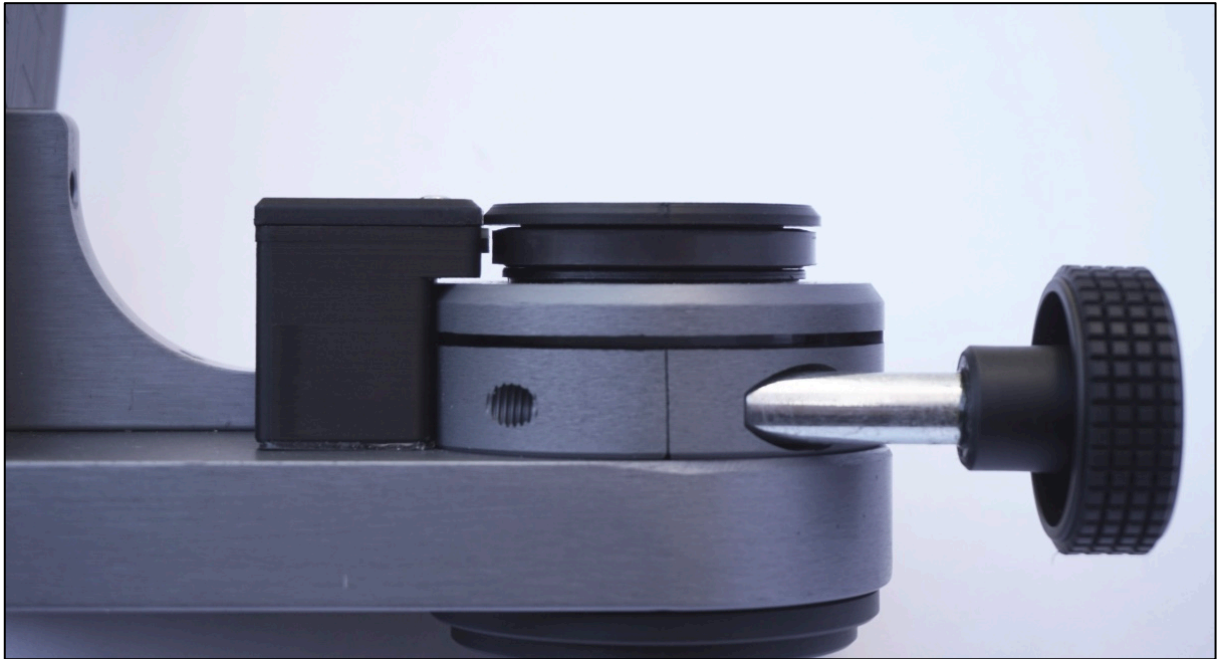
Remove the protective film from the bottom of the reader housing:



Clean the surface of the mount with an alcohol wipe, dry it and put install the reader pushing it against the tightening clamp:



The gap between the reader sensor and the magnetic ring 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.