Installing EAF with K-ASTEC bracket

Updated Mar 3, 2026 • by WO Team 6 min read

- [x] Applicable to all of WO R&P focusers with modular focusing mechanism, including:
  - WIFD R&P Focuser (recommended)
  - 2″ R&P Focuser
  - 3.3″ R&P Focuser
  - 3.7″ R&P Focuser



1. Turn the telescope over and remove the Tension screw.



2. Remove the top cover screw near the temperature gauge with 2mm Allen key.

Starting from June 2025, new telescope models no longer include the top cover screw. (Skip Step 2)



3. Release (don't remove) two inner knob screws.



4. Remove the temperature gauge knob.



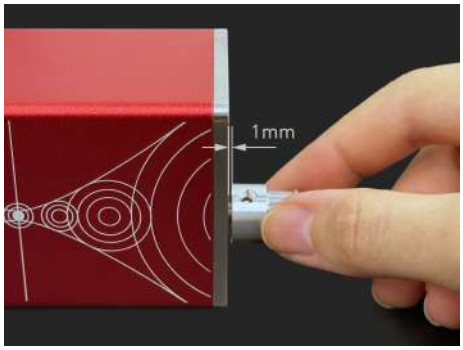
5. Find the flat side (D-cut profile) on the shaft and turn it to face the hole.

On Step 6 & 7:

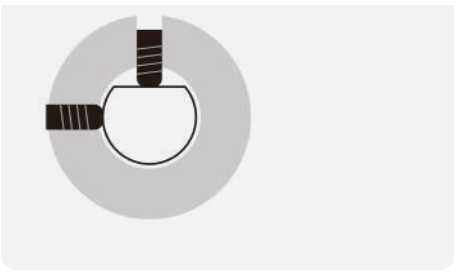
Please make sure one of the screws is lock on the flat side (D-cut profile)

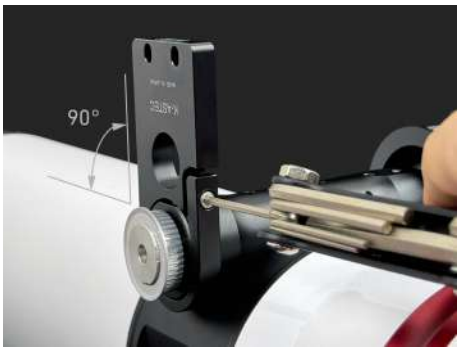


6. Put the timing pulley (large) on the shaft and lock the two inner screws (2mm Hex wrench)



7. Put the timing pulley (small) on the shaft of EAF and lock the two inner screws (2mm Hex wrench)





8. Slide the mounting bracket over the focuser, position it vertically, and tighten the screw. (2.5mm Hex wrench)



9. Put on the EAF, tilt it downward, and loop the belt over both pulleys.



10. Lift the EAF upward to tension the belt, and simultaneously tighten the two M4 bracket screws (3mm Hex wrench)

Notes for the Clutch Version



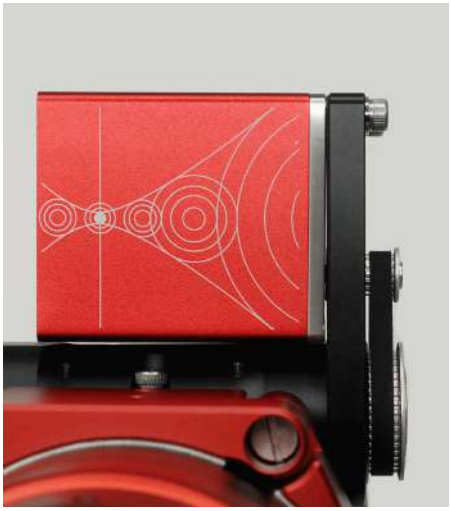
- On Step 8, please **fully loosen (turn down) the clutch knob to install the mounting bracket**. All other steps are the same as the standard procedure.
- The clutch is equipped with a **locking screw** that secures the clutch in either the fully engaged or half-clutch position.

- During EAF zero calibration, ensure the clutch is set to the **half-clutch** position to avoid potential damage to the focuser.



Notes for New EAF Model [EAFN / EAF Pro (2025)]

- The new EAF now has a 4 mm motor shaft, different from the older 5 mm version, but the installation steps remain the same.
- On some new EAF units, the stainless plate surface is flat, which may leave a small gap.
  If there's any looseness, insert the included **0.2 mm aluminum shim** between the bracket and EAF.



COPYRIGHT © 1996-2026 WILLIAM OPTICS. ALL RIGHTS RESERVED.