

Q-FOCUSER-GSO-2LBF / Q-FOCUSER-GSO-3.25LBF INSTALLATION INSTRUCTIONS

Tools needed: 1.5mm hex key, 2.0mm hex key, 2.5mm hex key (not provided).

Please follow carefully!

1. With the bottom of the focuser pointing up to avoid falling, remove the 4 focuser housing screws.
2. Locate included (4) M3x14mm socket head screws. Using the 2.5mm hex key, secure the bracket to the focuser by evenly tightening all 4 screws until they are snug. Tighten 1/4 turn more, being careful to tighten all 4 screws evenly.
- 3a. **Standard Version** - Slide the provided 3D printed coupler onto the brass focuser pinion shaft. Match the flat on the coupler with the flat on the pinion shaft and secure with two set screws, using the 1.5mm hex key. Do not over tighten the screws.
- 3b. **High Precision Version** – Using the appropriate coupler provided with the Q-Focuser, slide the coupler onto the focuser fine focus pinion shaft until it stops, then pull back approximately 2mm. Clamp the coupler onto the focuser fine focus pinion shaft using the 2.0mm hex key.
- 4a. **Standard Version** - Slide the Q-Focuser pinion into the coupler. Note that there is a flat on the coupler hole that matches the flat on the Q-Focuser pinion. Secure the coupler to the Q-Focuser pinion with set screws. Do not over tighten the screws. Attach the Q-Focuser to the bracket using the M3x10mm socket head screws supplied with the Q-Focuser.
- 4b. **High Precision Version** – Slide the Q-Focuser pinion into the coupler. Using the 2.0mm hex key, tighten the coupler onto the Q-Focuser pinion. Attach the Q-Focuser to the bracket using the M3x10mm socket head screws supplied with the Q-Focuser.

Please inform of any additions or corrections to these directions by sending an email to buckeyestargazer@gmail.com