

Installation Instructions for the Meade 8/10/12 Feather Touch Micro Assembly

WARNING! WARNING! WARNING!

INSTALL THE UNIT WITH THE TELESCOPE IN A HORIZONTAL POSITION AS SHOWN. DO NOT INTALL WITH THE TELESCOPE IN A VERTICAL POSITON WITH THE CORRECTOR FACE DOWN.

Tools Required: 5/64" Allen Key (included)

1.0 REMOVAL OF THE MEADE FOCUSING ASSEMBLY



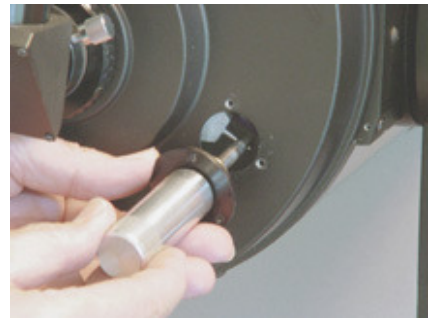
1.a. Position the telescope as shown in a clean work area.



1.b. This image shows the back of the telescope and the focus knob that you will be replacing with the FT Micro.



1.c. Using an Allen key remove the (3) screws that hold the collar and focusing mechanism in place. **If the telescope has a mirror lock, unlock it to allow the mirror to be repositioned as needed when removing the focus knob and installing the FT Micro.**



1.d. Remove the assembly by sliding the end of the focusing stem from the dowel by sliding it away from the center of the scope. If necessary rotate the knob CCW to extend the stem and push the mirror away from you to allow easier removal.

2.0 INSTALLATION OF THE FEATHER TOUCH MICRO

Items 2.a. and 2.b pertain to Meade 8 only



2.a. Locate the fillet on the Meade 8 Micro and position it so that this fillet rests next to the fillet of the back of the mirror cell. If it is not positioned as described the FTF Meade 8 Micro will not sit flush against the rear of the mirror cell.



2.b. Unscrew the threaded part of the Micro to allow for more room when sliding the hole end of the Micro over the dowel pin on the mirror cell of the Meade SCT. You will feel an abrupt change when you unscrew the stem at the end of its internal travel.

3.0 INSTALLATION OF THE FEATHER TOUCH MICRO
Items 2.b., 3.a., 3.b., and 3.c. pertain to Meade 10 and 12

- 3.a.** Unscrew the threaded part of the micro to allow for more room when sliding the hole on the end of the Micro over the dowel pin on the mirror cell of the Meade SCT. You will feel an abrupt change when you unscrew the stem at the end of it's internal travel.



- 3.b.** Slide the hole on the end of the Micro over the dowel on the mirror cell keeping the Micro as square as possible. Push the mirror forward if needed to allow for a better angle when sliding the hole over the dowel.

- 3.c.** Position the holes of the Micro so that they match up with the holes on the back of the OTA.



- 3.d.** Replace the 3 Button Head Allen Screws and screw them in until they touch the flange of the Micro. Make sure that the Micro is seated properly and not cocked. If the unit is cocked some binding might result and it will not turn easily through it's travel. Once seated correctly tighten each screw more and more going from one screw to the next, this will improve the squareness of the Micro to the back of the mounting surface of the SCT.

CAUTION: EVEN THOUGH THERE IS AN INTERNAL STOP THAT PREVENTS THE MIRROR FROM COMING LOOSE AND FALLING OUT, NEVER UNSCREW THE MICRO ALL THE WAY COUNTER CLOCKWISE. ALWAYS MAKE SURE THAT THE FOCUSING STEM IS WORKING PROPERLY BEFORE TRANSPORT. TRANSPORT AND STORE THE TELESCOPE IN A HORIZONTAL POSITION.

Thank you again for purchasing our product and we hope you enjoy your observing experience with it.

Wishing you clear and dark skies!
Starlight Instruments LLC.

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