Reverse Crayford Focuser Kit

RCF-mini1 Assembly Instructions

The JMI Reverse Crayford Focuser (U.S. Patent No. 6,297,917) incorporates a revolutionary new design. In order to provide a quality metal focuser at a reduced price, we have created this easy-to-assemble kit version for the mechanically inclined individual. The Reverse Crayford focuser is a tool you can be proud to have on your telescope. With proper cleaning, it will give you years of service.



Step 2

□ Slide drive shaft into drive block with longest flat portion on

□ Slide (2) long cylindrical spacers on both ends of drive shaft. These spacers act as the drive shaft bearings. They will be

as far inside the drive block as possible when the final

the left (per orientation shown below).

assembly is complete.

Step 1

□ Insert (4) slotted shoulder bolts through (4) stainless steel bearings with small I.D. (small inside diameter) and screw into drive block using flat-blade screwdriver.



Step 3

- □ Slide (2) short washer-style spacers over drive shaft ends.
- □ Slide (2) long cylindrical spacers over drive shaft ends pushing first plastic spacers into holes in drive block.
- Slide (2) knobs over drive shaft ends (flat side inward).
 Align setscrew hole in each knob with flat on end of shaft then insert and tighten setscrew (with supplied hex wrench).
- Loosen setscrews slightly, press knobs inward slightly to remove slack, center shaft in assembly then tighten setscrews securely*.



Long Cylindrical Spacer

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