

# Replacing an OEM Newtonian Focuser with a JMI Focuser

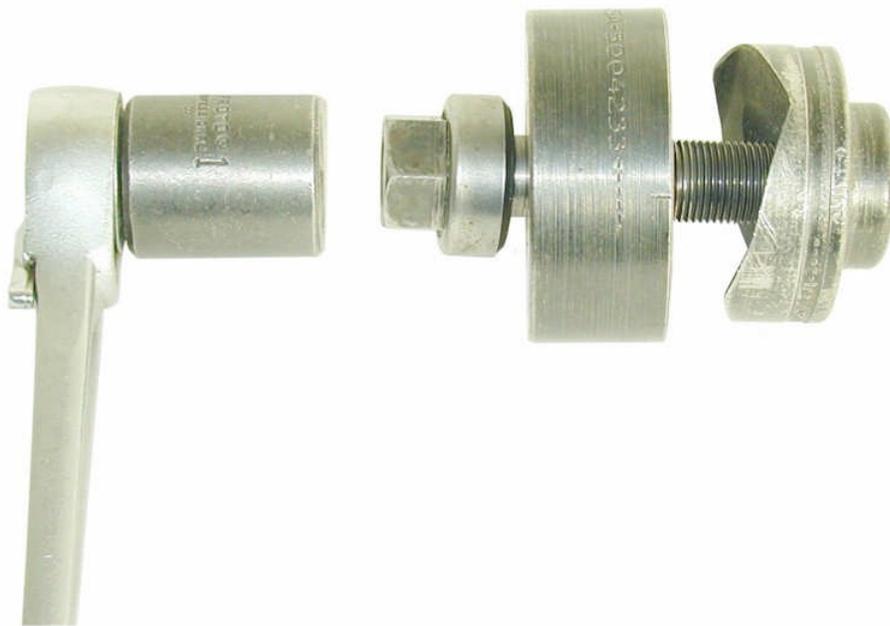
## Using a Meade LX D 75 SN10 Telescope as an Example



Start with a properly collimated telescope. This will allow you to easily collimate the new focuser knowing that the rest of the system is properly collimated.



Remove the cover, corrector plate and focuser marking both the corrector plate and the optical tube assembly (see blue sticker in picture) so the corrector plate can be matched up in the same position relative to the optical tube assembly when the job is done.



You will need a socket wrench and 2-1/2" Greenlee punch.



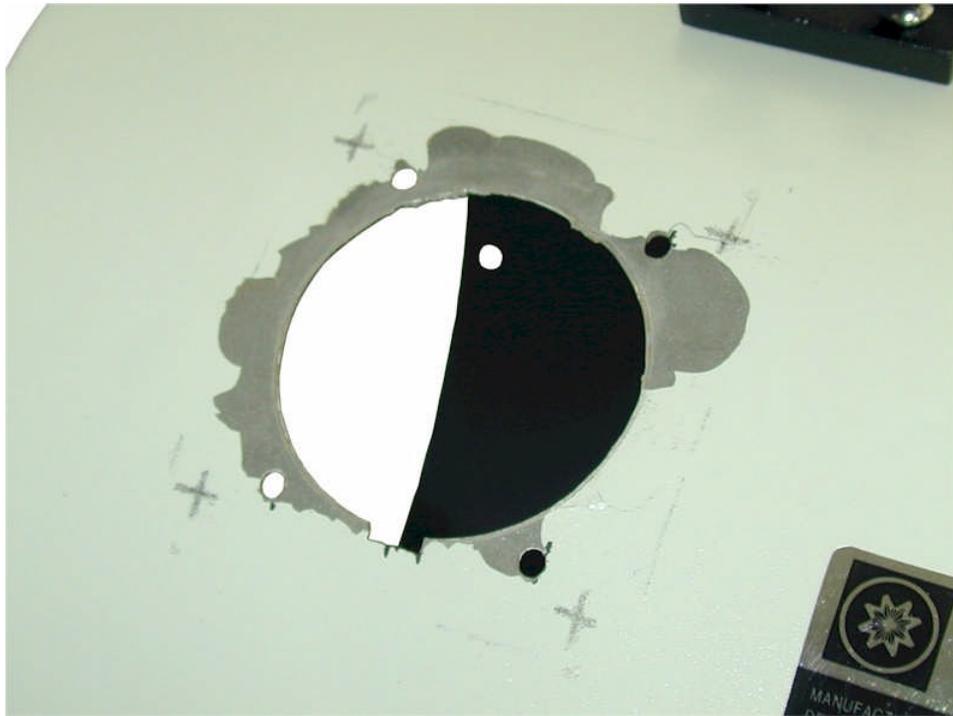
Place the punch in the focuser opening.



Center and tighten the punch.



Using the wrench, punch the larger hole in the optical tube assembly.



Using the base of the new focuser, mark the positions of the four new mounting holes.



Using a curved surface and soft mallet, place the correct curve in the backup plate to match the curve in the optical tube. (With Sonotube installations you may wish to place an additional backup plate on the inside of the optical tube.)



The backup plate will cover the blemishes caused by punching the new hole.



Using a Hand Punch, place four 1/4" holes for the new focuser mounting screws as previously marked.



Install the backup plate(s), focuser, corrector plate and cover.



Align the focuser using collimation tools. As mentioned previously, this assumes that the rest of the system is already in collimation. Enjoy your new focuser!

## **JMI Telescopes**

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