

**When the Starlight Integrated Paracorr System is installed in a telescope, the Paracorr lenses prevent the use of several common types of collimation tools, including sight tubes, Cheshire eyepieces, and auto collimators. The SIPS lens group can be temporarily removed in order to collimate with these tools, but the inconvenience of lens removal and re-insertion can be avoided by using the Glatter laser collimator and tuBug for collimation.**

**For making the secondary mirror adjustment by centering the beam on the primary, the Glatter collimator is supplied with a 1mm aperture stop accessory that produces a tiny, round beam, surrounded by concentric diffraction rings. With the collimator and 1mm stop in the focuser and SIPS installed, the mildly negative Paracorr lens group diverges and expands the laser beam slightly, but the close tolerance on alignment and centering of the lens assembly insures that the beam remains on-axis within close collimation tolerances.**

**A Glatter tuBug used in conjunction with the laser collimator will give highly accurate “Barlowed” primary mirror collimation, right through the SIPS lens group. The primary is adjusted to center the collimation target shadow on the tuBug screen. The shadow remains as sharp through the SIPS as without it.**

**Your two principal collimation adjustments have just been made with exquisite accuracy, without removing or worrying about your SIPS. Congratulations! Start observing.**