

Orion Starblast – 2023 version

Replace the collimation knobs at the rear of the Optical Tube Assembly (OTA).

Tools you will need:

- #2 Philips head screwdriver
- ¼” nut driver, socket or wrench

Parts you will need:

- Self locking Stainless Steel hex nuts M3.5-0.6 thread. (this uses the ¼” wrench) - 3 pieces needed.
- Flat Stainless Steel Washers, #8 – 3 pieces needed.

- 1) Make sure the black Philips head screws are snug tight on back of mirror cell.
- 2) One at a time. Remove the plastic knurled collimation knobs from back of mirror cell
- 3) Note: These plastic knurled knobs hold the primary mirror cell to the OTA if you remove all 3 at once the mirror will fall down!
- 4) Replace plastic knurled knob with one SS washer and one locknut.
- 5) Using nut driver or socket, tighten the lock nut until snug.
- 6) Repeat process by replacing the remaining two plastic knurled knobs with washers and locknuts.
- 7) Make sure locknuts are tightened until snug, but later collimation steps will readjust each screw and nut

