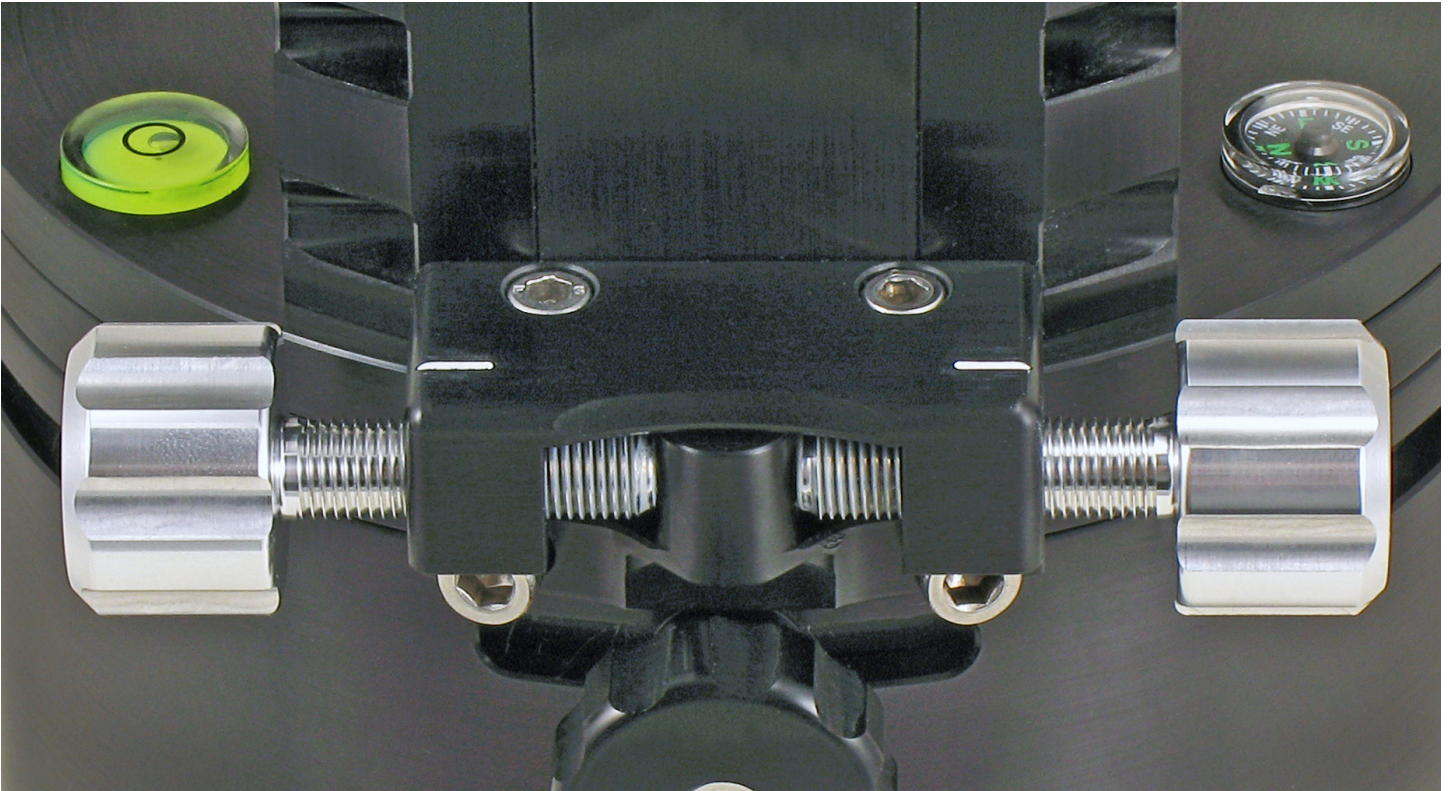


Mach1 Rotating Pier Base with High Precision Azimuth Adjuster Kit



The Mach1 rotating pier base with high precision azimuth adjuster is standard on new mounts. However, it is being offered as a significant upgrade to previously shipped mounts. It easily replaces the existing pier base by simple attachment with four $\frac{1}{4}$ -20 socket head cap screws.

There is no need for lockdown knobs as with earlier mounts. Instead, the CNC machined two part base fluidly rotates through a 13 degree range (± 6.5 degrees) while maintaining rigidity. Additionally, redesigning and shifting the azimuth adjuster knobs to the rear, provides easier access and nearly doubles the precision of their adjustments. An etched line on the adjuster housing corresponds with the ridges of the knobs to provide a measured adjustment of 0.7021 degrees per rotation or 0.05 degrees per ridge.

The kit also includes two plug caps that have been beautifully engraved with an AP logo, These plugs will attractively fill the holes left when removing the original azimuth adjuster knobs (no longer needed). Additionally, it will be noted that since the lock down knobs are no longer needed, the compass and bubble level have been increased in size and repositioned for greater readability. (Note: the above picture is the prototype showing the original compass and bubble level.)