

## AAT Grip Adjustment Procedure

All top and side mounts included with the SunSight Instruments AntennAlign Alignment Tool are adjustable. Each mount is initially adjusted to a particular unit prior to shipment. If the AAT becomes difficult to slide into a mount or new/replacement mounts are purchased, follow these steps to adjust the mount for proper fit.

Required tool: 1/8" hex key (T-handle is recommended)

1. Loosen, **but do not remove**, two hex screws located on either side of the grip lever using a 1/8" hex key. Loosen the grip lever as well.



2. Carefully slide AAT base into grip and make sure that the base is pressed into the fixed side of the grip (opposite the adjustable grip clamp).
3. Gently slide the grip plate toward the AAT until it makes contact with AAT base. This should remove any extra clearance or "slop" in the base unit to grip sub-assembly.



4. Slide AAT side-to-side in the grip sub-assembly to determine the grip clamp tension. No play should be detected between the AAT and the grip clamp and little to no friction should be felt when the AAT is sliding in the mount.
5. After ensuring that both ends of grip clamp make contact with AAT base, lightly tighten both hex screws.
6. Carefully slide AAT through grip verifying that -
  - a. The AAT base and grip do not bind at any point
  - b. The grip makes full contact with the AAT base and is capable of securely locking the AAT in place

***If the AAT binds in the grip or the lever will not lock the AAT in place, repeat Steps 1-7, increasing or decreasing the grip clamp tension as necessary.***

7. Tighten two hex screws with 1/8" hex key, making sure to not strip hex screws.
8. To "clock" grip lever, lift straight up on lever handle and rotate. Release lever once located at desired position. The lever can be "re-clocked" to any position desired at any time to provide necessary clearance.



***At no time should any effort be made to remove the 3mm grip lever retaining screw unless instructed to do so by an authorized agent of SunSight Instruments. Removal of this screw can lead to grip lever failure.***

Repeat Steps 1-8 for all grips requiring adjustment.