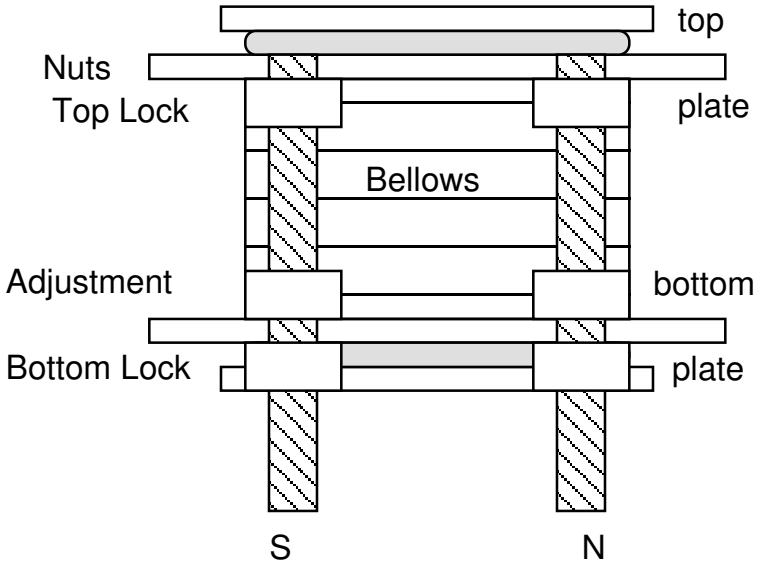
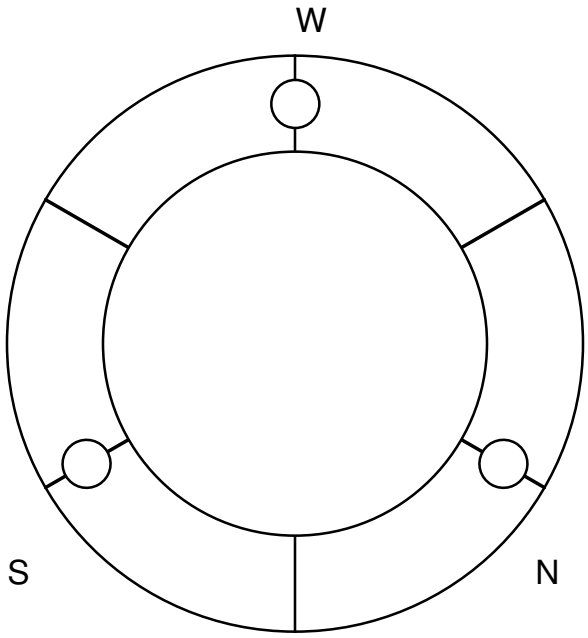
Stovepipe Bellows Adjustment





The adjustment mechanism has 3 threaded roads (labeled N, S, and W in the diagram above. The top plate has a threaded hole while the bottom plate has a through hole. The nominal inside space between plates is 1.3".

Adjustment Procedure -

A) loosen the three bottom lock nuts by a couple of turns.

B) Turn the South and North Adjustment nuts so you can see most of the piezo mirror from the alignment telescope.

C) Adjust the feed mirror so that the Piezo mirror is centered on the Cross-Hairs.

D) (optional, you can also adjust to see the full piezo mirror) Put the white round plate with a hole in the center on top of the stovepipe and illuminate the hole.

E) Center the stovepipe by adjusting the N and S adjustment nuts (note - the system is not orthogonal).

F) Tighten the lock nuts while watching that the stovepipe does not move much.

The West lock nut on the north arm is locked in place. It would be best to not do any adjustments with this screw.