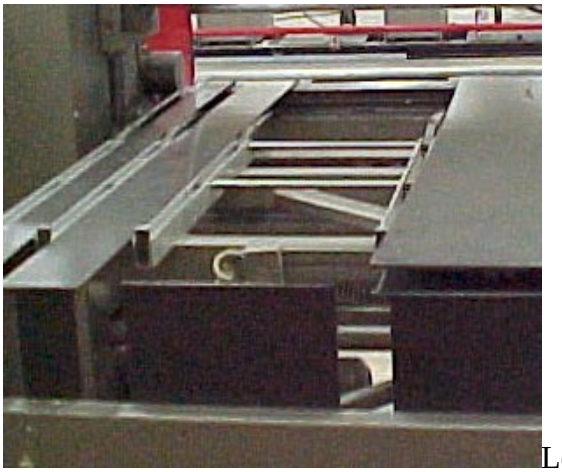
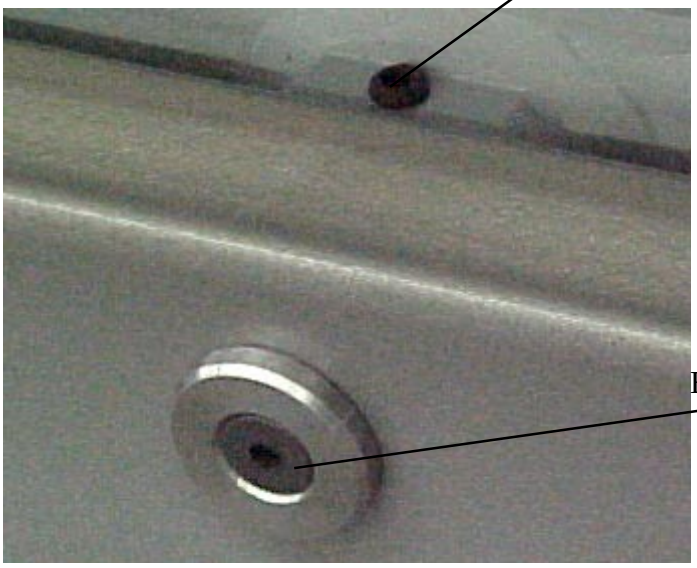
Paralleling the back gauge System.

The upper back gauge carriage assembly moves back and forth on two linear guides. These guides keep the carriage system parallel when moving backwards and forward. The guides are mounted on the lower bed of the back gauge assembly.

If the back gauge is out of parallel it is the lower table that is adjusted not the upper carriage assembly. There are two 30 mm diameter pins mounted to the front of the lower bed and held in place with two set screws.



Loosen Allen set screw.



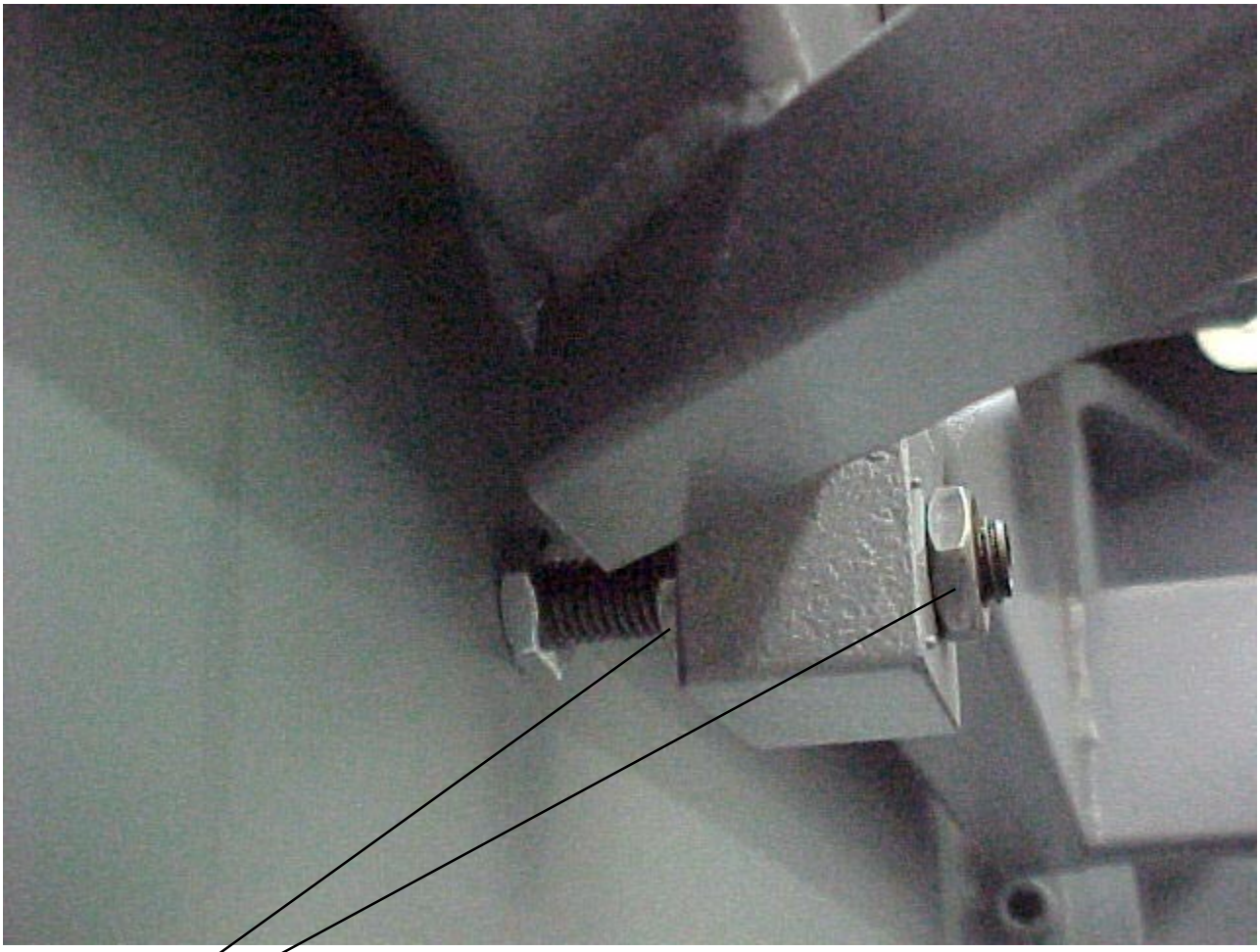
Backgauge alignment pin.

Loosen the left and right Allen set screws. Set the back guage at two inches, bring the upper jaw down far enough to measure off of. Using a micrometer measure the distance from the upper jaw to the thrid finger on each side. Note the measurements.

The back guage should be aligned within +/ - 0.002” over the width of the machine and within +/- 0.003” back and forth.

If the back guage is less then two inches the back guage assembly must be moved backwards. If it is greater then two inches the back guage must move towards the operator.

Loosen the jam nuts on the adjustment rods and rotate the jam nuts in the direction required.



Jam nuts and adjustment rod.