

**KNOWLEDGE BASE**Article Type: **Reference**

CPM Feed Drawer Cylinder Cushion adjustment and Rod End

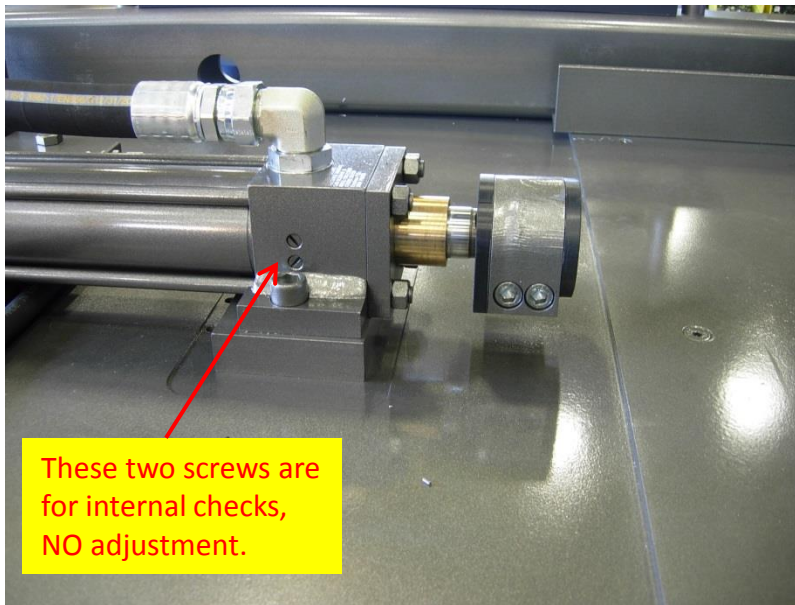
Description:

Instructions on; “Cylinder cushion adjustments on the CPM Feed Drawer cylinders. All CPM machines.

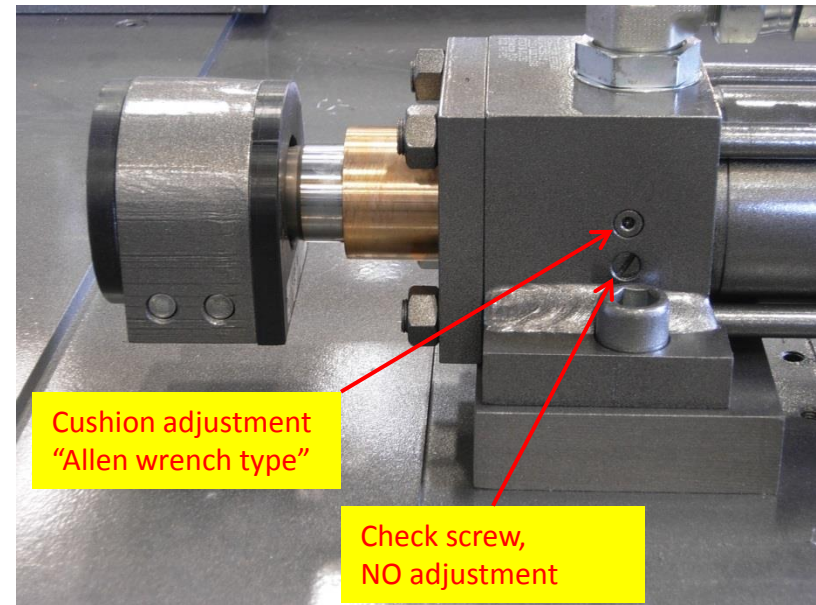
WARNING

Never work on, clean or service this unit, control panel or any machine or open or remove any protective cover, guard, grate, door, or maintenance panel until the power or energy sources has been turned off, locked out / tagged out, and all moving parts have come to a complete stop and or blocked to prevent movement. Machinery is dangerous - avoid personal injury and or death by following manufacture, Local, and OSHA safety procedures. Contact Columbia Machine for safety decals, guards, horns and beacons.

CPM FEED DRAWER CYLINDER CUSHION ADJUSTMENT AND ROD END



Before installing rod end apply Blue 242 LOCTITE to shaft and pinch bolts threads. Install rear plastic spacer. Thread rod end on till it bottoms out on shoulder and tighten bolts to 125 foot pounds, install front plastic spacer.



The bottom screw is another internal check, NO adjustment. Use a Allen wrench to adjust the cushion. With the feed drawer installed adjust so the cylinder is NOT binding at end of stroke. This should be check every six months for correct operation.