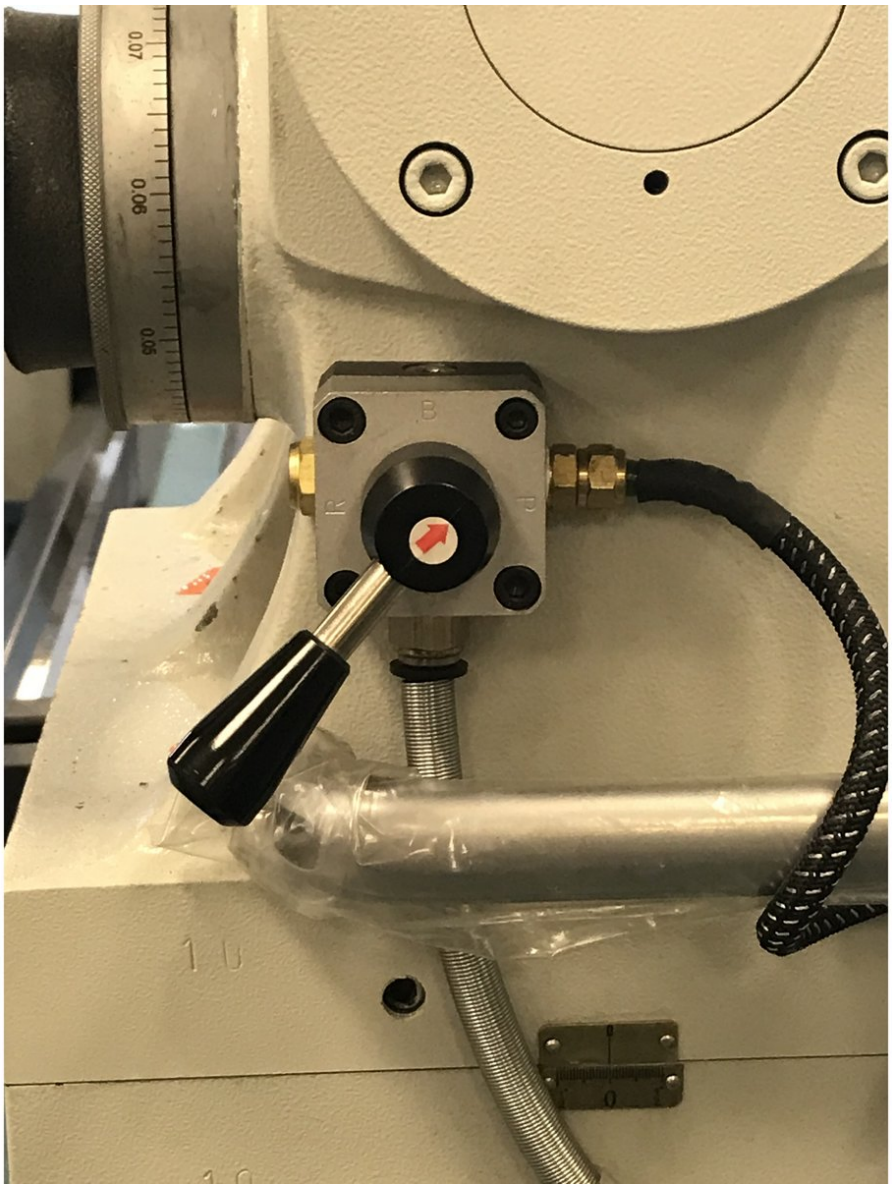
How It Works: Tailstock Air Assist

This is a brief description on how the Tailstock Air Assist works.

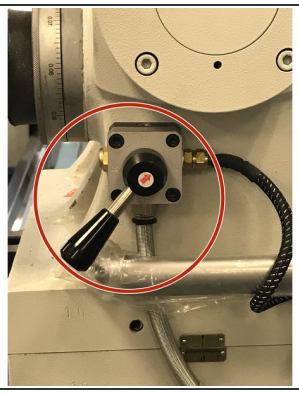
Written By: Randy Sanchez

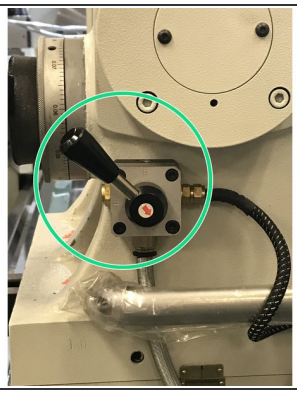


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Step 1 — How It Works (Tailstock Air Assist)





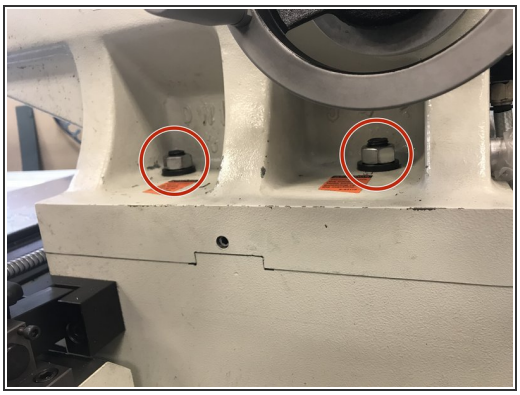


- The purpose of the tailstock air assist is to circulate air underneath the tailstock to act as an "air cushion" to help ease the movement of the tailstock and possibly keep debris from being introduced in between the tailstock and bedway.

ⓘ Recommend between 80-100PSI to regulator located at rear of machine, near tailstock. See 1st image.

- With the handle pointed down, air assist is off.
- With the handle pointed up, air assist is on.

Step 2 — How It Works (Tailstock Air Assist) Cont.







⚠ ***Remember to loosen locking bolts before attempting to move tailstock!***

- If moving the tailstock using the carriage, loosen and remove large thumbscrew.
- Rotate locking mechanism to engage the tailstock and re-install the large thumbscrew.

ⓘ ***When tailstock is engaged, Z-axis feedrate is de-rated to 78 IPM due to pulling the extra weight of the tailstock. When the feature is on, the operator may only jog using the handwheel and jog stick. You will not be able to run a program with the switch engaged.***

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