



Design
Drafting &
Prototyping



4 Spoke Down Feed Handle for Bosch PBD-40 Drill Press Installation Manual

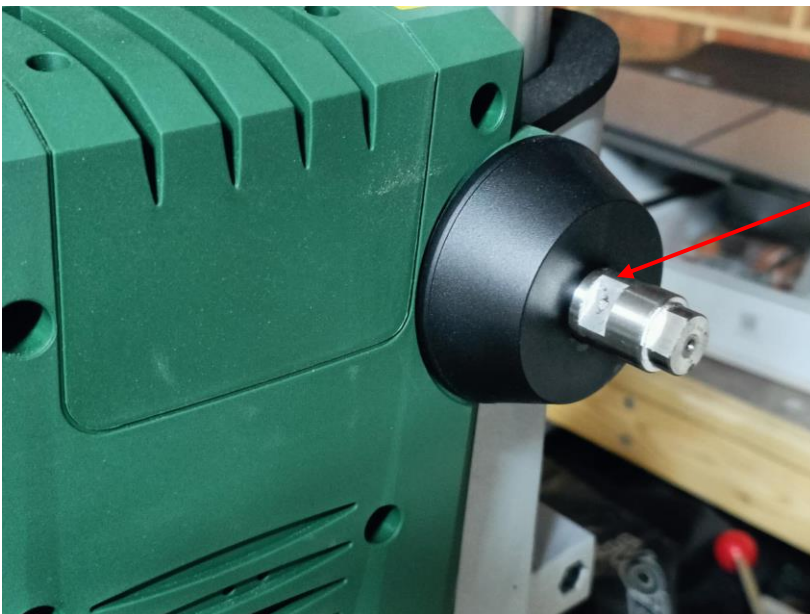
STEP 1:

Locate the grub screw on the existing "wheel" type handle. Move the drill head up and down to a desirable location so the grub screw is easily accessible for you. Use the 4mm Allen key that came with the drill to loosen the grub screw. You don't need to remove the grub screw completely. 1 or 2 turns to the left, and the old handle should be able to slide off the drill.



Grub screw
location

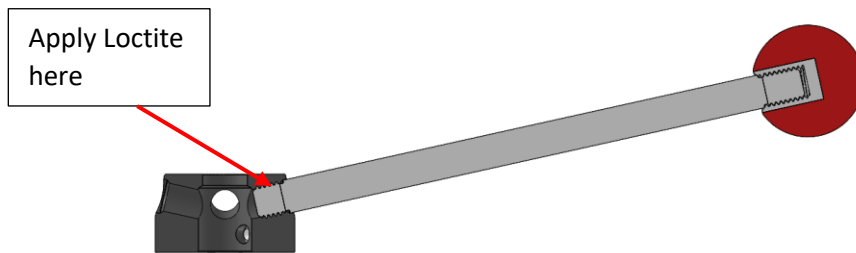
With the wheel removed, note the flat keyway where the grub screw is pushed against the spindle



Spindle
Keyway

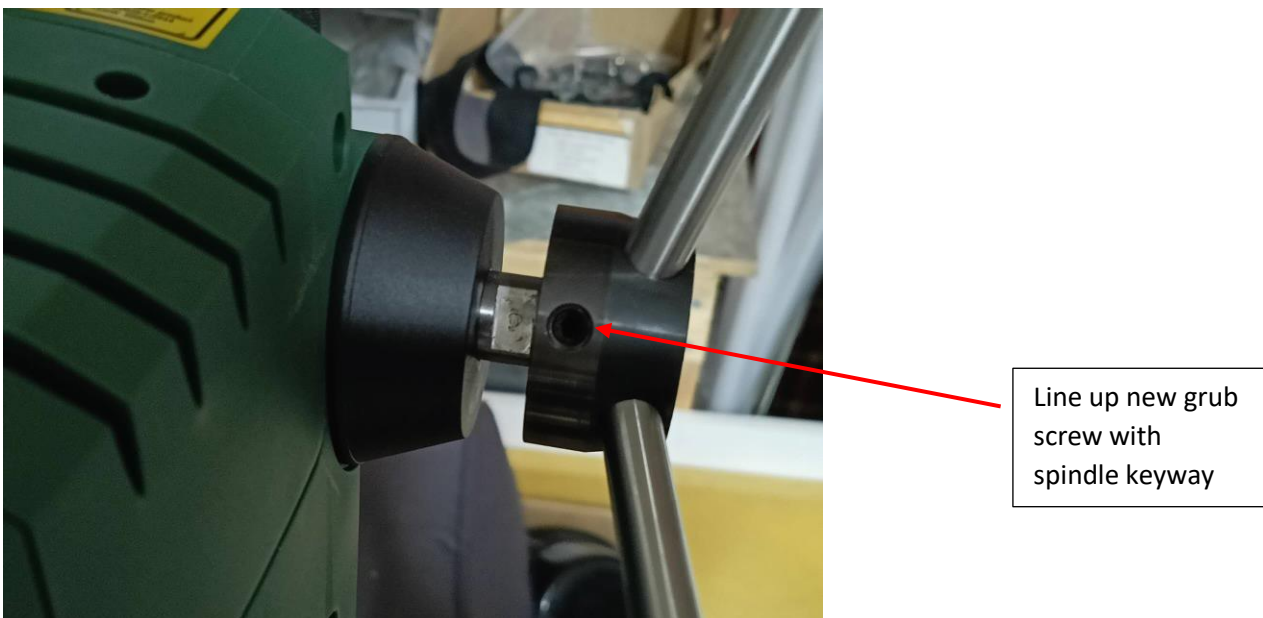
STEP 2:

Assemble the new 4-spoke handle. Apply medium-strength Loctite 243 or a similar type of anaerobic threadlocker to the joint. Clean the male and female threads if necessary for better bonding.

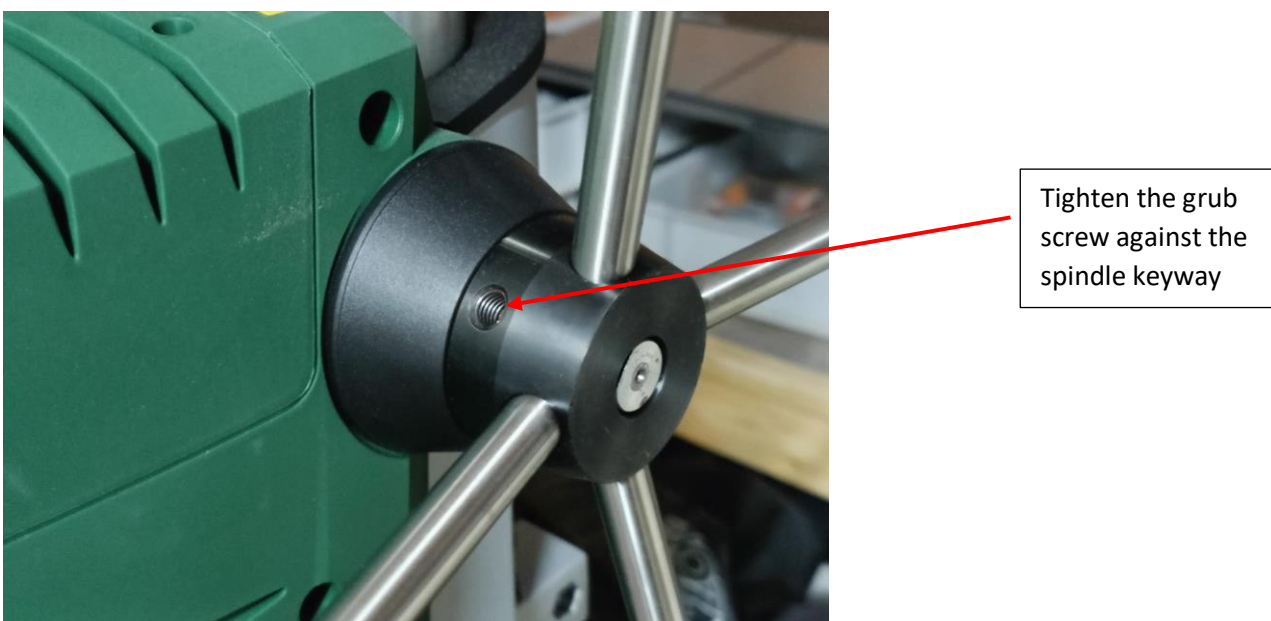


STEP 3:

Line up the new handle's grub screw (preinstalled) to the drill press's keyway and push on the new handle.



Push the handle all the way to the spindle cap and tighten the grub screw. The end of the spindle should sit just below the face of the new hub.



Enjoy your new ergonomic down feed handle!