

SPINDLE REMOVAL AND REPLACEMENT

GN1324 & GN1340

Removal of the spindle requires the mill feed mechanism be removed. Please have your manual handy for this procedure. All item numbers referenced are found on page 90 of the owner's manual. **Unplug the machine before starting and maintenance or repairs.**

REMOVAL

1. Remove any attachment from the spindle along with the draw rod.
2. Remove setscrew 65 from the underside of the mill casting just in front of the spindle. This will in turn allow eccentric shaft 64 to be pulled out of the mill casting.
3. Lock the spindle lock 62 and slowly loosen setscrew and nut 30 and 31. This will release the spring tension from the retract spring.
4. Remove the spring cover 35 to gain access to the spring. The spring should have no tension on the inside where it connects to the shaft.
5. You should be able to access the snapping #33 through the spring. Open the snapping while pulling out on the spring housing #32 so that the whole assembly comes off the shaft #87 and out of the millhead casting.

Note: You will want the spring and the snapping to stay in place, inside the housing. The spring is under tension and can be dangerous if removed from the housing.

6. Straighten the tab on washer 96 and unscrew spanner nut 97 from the shaft 87.
7. Slide gears 94 and 95 and washer 96 off the end of the shaft 87. Support the spindle and unlock the spindle lock 62.
8. Lower the spindle out of the mill head.

INSTALLATION

1. Reverse the above steps to reinstall the spindle.
2. When tightening the spanner nut 97, turn the floating nut 95 to take the play out of the contact between the spindle teeth and the gears 95 and 94.
3. To tension the spring 34, turn the spring housing 32 clockwise with the spindle fully retracted. There are detents on the housing for setscrew 31 to secure into.