

How To Replace The Quill

Tools needed:

Old ice pick

5/32" Allen wrench

1. Turn off and unplug the Mark V.
2. Use the 5/32" Allen wrench to remove the set screw located on the top of the headstock casting. The screw hole maybe filled in with putty or lead filler. To remove use ice pick or similarly pointed object. Be careful not to damage screw.
4. Fully extend the quill until it disengages from the pinion gear.
5. With the quill disengaged, pull it forward until it is completely removed from the headstock. DO NOT let go of the quill feed lever. Lock down the quill lock.

Replacement

6. While holding the quill feed lever unlock the quill lock. Push the quill back into the housing until the teeth engage on the pinion gear. Be sure that the key way on the top of quill is facing the top of the casting.
7. The quill will now retract into the casting.
8. Tighten down the set screw in the top of the casting only far enough that it prevents the quill from disengaging from the pinion gear. DO NOT over tighten, this will bind the quill.