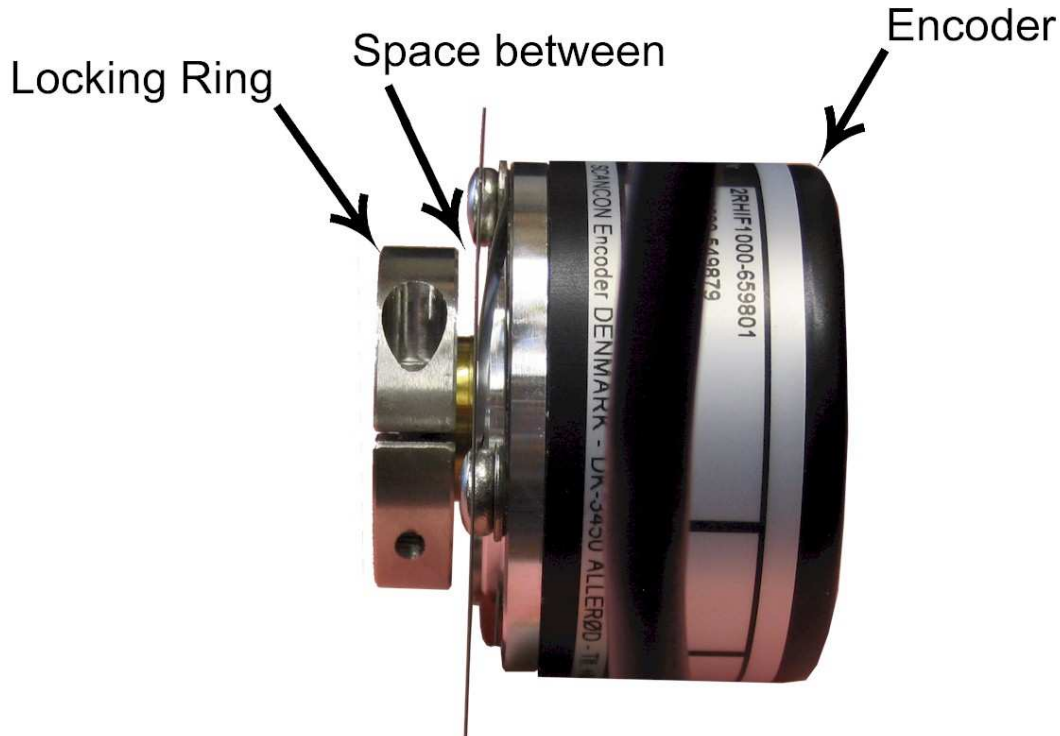


## Installing Encoder on AutoBar 400

1. The encoder is located under the small box with a slit in it for a wire to come out of. It is the closest part on the AutoBar to the lathe.
2. Turn off the power on the lathe and AutoBar 400.
3. Remove the small box, unplug, and remove the old encoder.
4. To install the new encoder, first loosen the bolt in the locking ring.
5. Then slide the locking ring away from the encoder a little to make a space between the locking ring and the encoder.



6. As you are tightening the bolt in the locking ring on the ball screw make sure to maintain the space between the locking ring and the encoder.
7. After you have the bolt in the locking ring tight, use the Allen wrench to keep the locking ring from turning, and then **by hand** try to turn the ball screw. You should **NOT** be able to turn the ball screw without the locking ring also trying to turn. If the locking ring can be turned separate from the ball screw then go back to step 4.
8. Plug in the encoder, and install the protective cover.
9. Turn on the power to the AutoBar 400 and the lathe.
10. When the AutoBar is initialized the encoder count will be reset to zero.