



Removing-Replacing the Nova DVR XP Headstock

Reasons for removing headstock:

1. To replace the motor, spindle or bearings:
2. To replace detent pin:
3. To replace swivel lock pin

Warning!

The Nova DVR XP is extremely heavy, approx. 200 lbs.

The headstock is one of the heaviest parts of the lathe, approx. 95 lbs.

Be very careful that the lathe is positioned in such a way that it will not topple or fall on you.

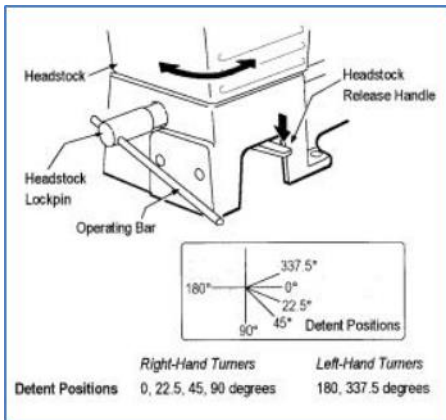
Ensure that the lathe will be stable after the headstock has been removed from the bed base.

To remove the headstock the lathe needs to be accessible from underneath.

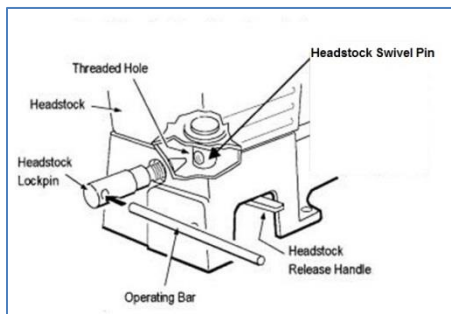
The lathe will need to be unbolted from the stand and put into a position where access is available.

Remove Headstock:

Remove the Headstock Lock Pin.



Loosen or drive out Headstock Swivel Pin by gently tapping with a soft faced mallet and suitable rod.



Lift headstock off the base.

Reinstall Headstock:

Clean the underside of the headstock and the top of the bed base with thinners.

Sit headstock onto bed base with the spindle facing the tailstock.

In this position the detent pin should be fully home in the second hole and the headstock should sit flat on the base.

Line up the holes for the swivel index pin.

Push the swivel pin back into the hole, ensuring the tapered hole for swivel lock engaging is facing the end of the lathe.

Tap the top of the swivel pin with the soft-faced mallet until the swivel lock pin is fully home.

Reinstall the Headstock Lock Pin.

Check that it mates fully with the tapered hole in the headstock swivel lock pin.

Test the swiveling action of the headstock.

The detent pinholes should lock the headstock at the designated swivel position.

After re-installing the headstock the alignment between centres must be checked and if need be re-adjusted.



[Teknatool USA Inc.](#)

4400 34th St North, Unit M

St Petersburg, Florida 33714, USA

727-954-3433 x706

Fax 727-823-0902

Monday-Friday 09:00-17:00 Eastern Time USA