Teknatool International Limited
7D Dallan Place, Rosedale, Auckland, New Zealand
Tel: +64 09 477 5600 Fax: +64 477 5601

Email: service@teknatool.com
Website: www.teknatool.com

Frequently Asked Questions

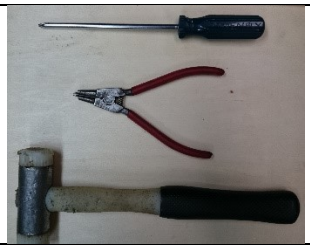
How to Replace the Belt on NOVA Comet II

Date Raised: 14 February 2017 Date Amended	Safe practices should always be employed to ensure the Health and Safety of yourself, employees and customers (if applicable) Refer to product manuals, exploded drawings and our website if further assistance is required, or contact us on service@teknetool.com

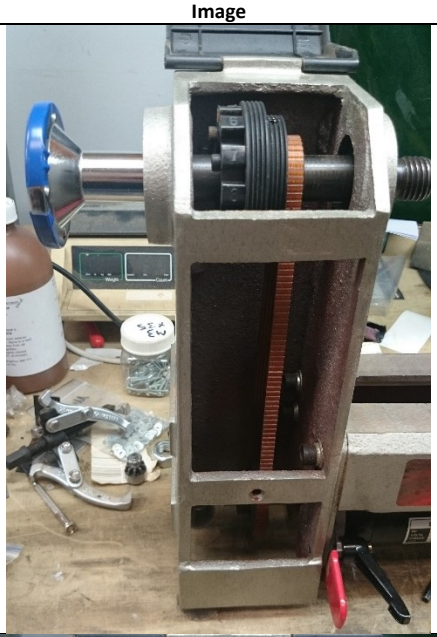
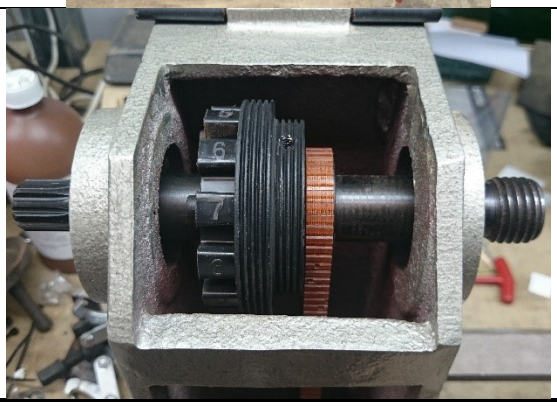
Note:
Before commencing procedure, ensure that lathe is switched off or unplugged.
This method is slightly different from what is shown in the manual but it will require less fine tuning action at the end.

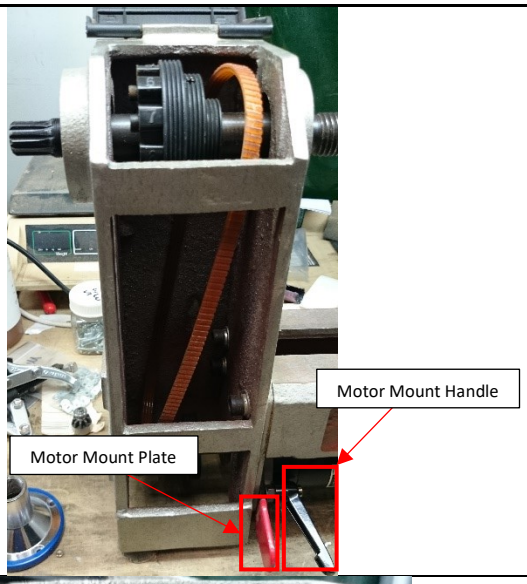
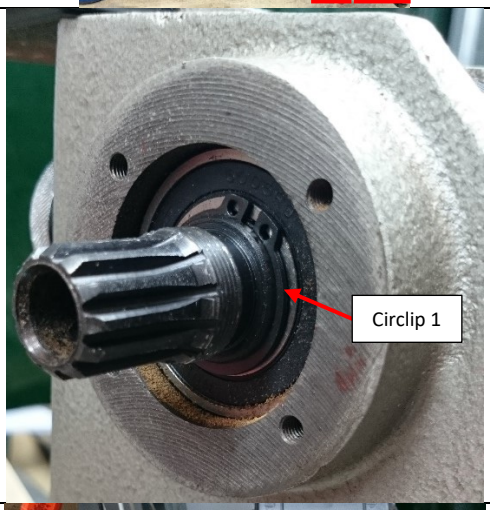
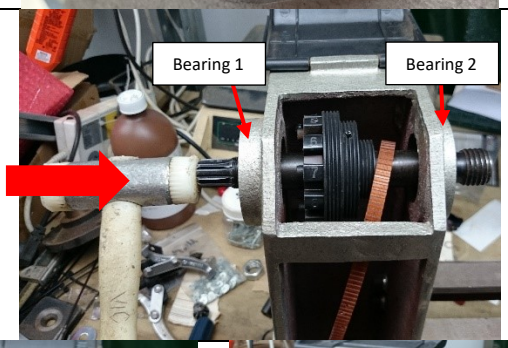
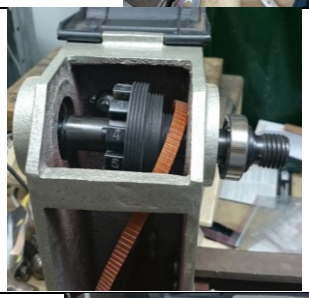
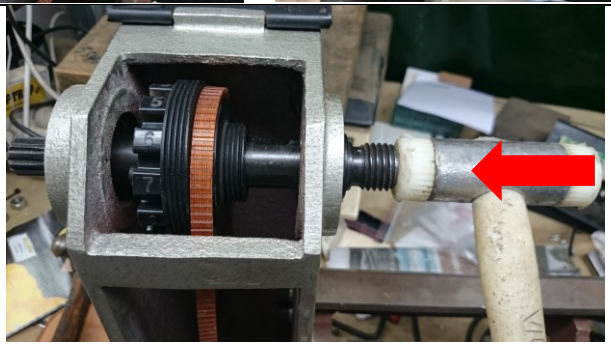
Tools Required:

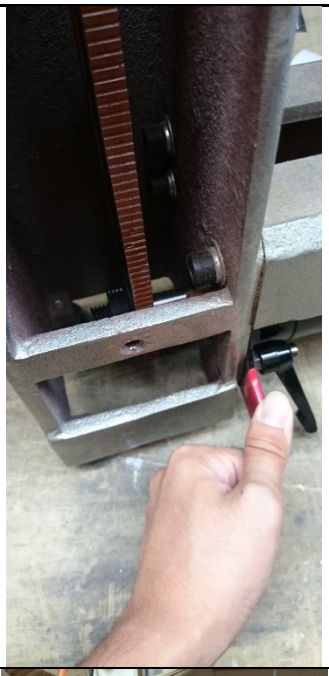
- 1 x Philips Screwdriver
- 1 x Snap Ring Plier
- 1 x Mallet or Hammer



Procedure:

Step No.	Procedure	Image
1.	Unscrew the guard lock knob to lift the belt guard upwards to expose the belt and pulleys of the lathe.	
2.	Remove all accessories, handwheels, chucks and faceplates from the lathe	

3.	Loosen the motor mount handle and push the motor mount plate upwards to release the tension of the belt and remove the belt off the pulley on the motor side. **Note:** If there is not enough space to take the belt off the pulley on the motor side, refer to FAQ: How to adjust the belt on Comet II if not enough space and adjust the motor pivot hole position.	
4.	Remove Circlip 1 on the spindle side using the snap ring plier.	
5.	Using the mallet/ hammer, tap out the spindle from the side shown. Bearing 2 should slide out along with the spindle, allowing for some space to remove the belt. ***This step requires force*** **Note:** Make sure to tap straight in the direction of the spindle since any angled strike may result in deformation of the spindle.	
6.	Replace the belt through the open space between the bearing and the headstock housing as shown. **Note:** Make sure that the belt is correctly on the pulley after the replacement.	 
7.	Knock the spindle back into its original position (make sure that the belt is going over the shaft) you should be able to feel bearing 2 reaching the end of the housing. Put the belt back on the pulleys. Replace the circlip on the spindle to secure it in place. **Note:** When tapping the bearing back into the housing make sure that it is not angled in any way.	

8.	Apply light pressure on the motor mount plate to tension the belt. Pressing down with 2 fingers or a thumb will provide enough pressure. For larger work a slightly larger pressure may be required to prevent slippage. **<u>Caution:</u>** **Too much pressure will lead to damage on the lathe spindle or the belt.** Hold the pressure on the motor mount plate and tighten the motor lock handle. This just needs to be slightly tighter than finger tight to hold the belt tension.	
9.	Lower the belt guard and re-lock the cover. Replace all of the accessories to finish.