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## Frequently Asked Questions

### How to remove chuck when index pin is broken on NOVA Comet II

Date Raised: 10 April 2017

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@teknatool.com](mailto:service@teknatool.com)

Date Amended

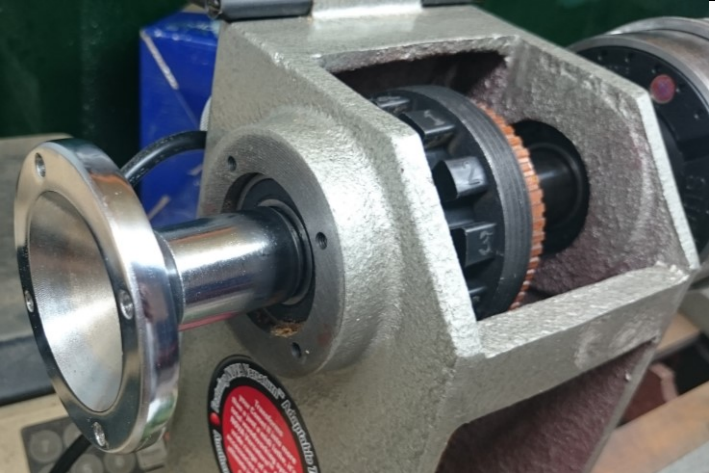
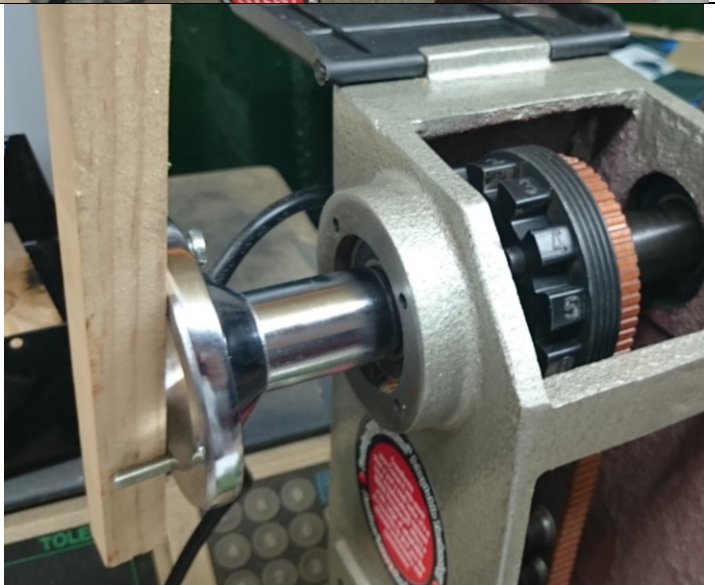
If the index pin is broken on the NOVA Comet II there is nothing to hold the lathe spindle in place therefore to remove the chuck from the spindle an alternative method is required to secure the spindle in place.

Different ways can be used to lock the spindle in place depending on your situation.

When your index wheel is not damaged:

Step No.	Description	Image
1.	<p>If your index wheel is not damaged, a long bolt can be used as a substitute for the index pin.</p> <p>Insert the bolt into one of the slots on the index wheel and rest it against the headstock.</p> <p><b>Note:</b> Wrap a cloth around the bolt to prevent damage to the headstock paint.</p>	
2.	<p>Let the chuck grab onto a long piece of timber which can provide leverage.</p> <p>Or use the 38mm spanner to unscrew the insert if the chuck is an insert type.</p> <p>Push the lever downwards to unscrew the chuck from the spindle.</p>	

If your index wheel is damaged (if the first method cannot be used):

Step No.	Description	Image
1.	Attach the spindle handwheel onto the spindle if it not attached.	
2.	<p>Attach 2 bolts (In the image it is M5) onto the spindle handwheel to allow a long tool to provide leverage opposing the chuck.</p> <p><b>Note:</b> Insert the screws from the back side (Screw heads should be towards the headstock)</p> <p>There are no threads to these holes.</p>	
3.	<p>Let the chuck grab onto a long piece of timber which can provide leverage.</p> <p>Or use the 38mm spanner to unscrew the insert if the chuck is an insert type.</p> <p><b>Note:</b> When removing the chuck: • Turn the handwheel away • Turn the chuck towards *When standing on the front of the lathe*</p>	