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Frequently Asked Questions

How to replace the rotary switch on the NOVA 1624-II

Date Raised: 8 March 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

Date Amended

To replace the rotary switch on the NOVA 1624 lathe.

Note:

In the images the motor is removed from the lathe but this procedure can be performed even if it is attached to the lathe.

Tools Required:

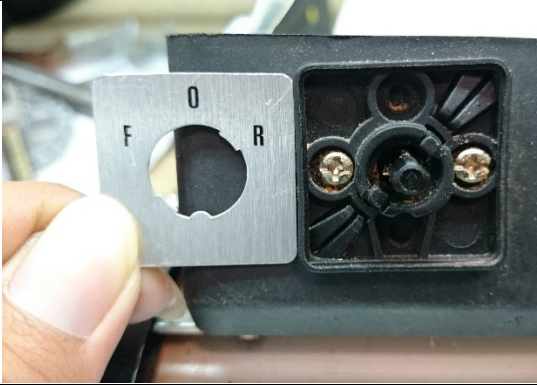
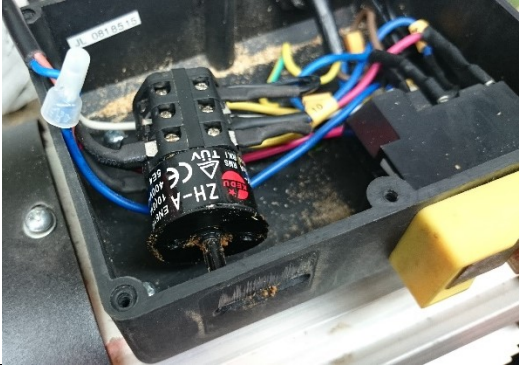
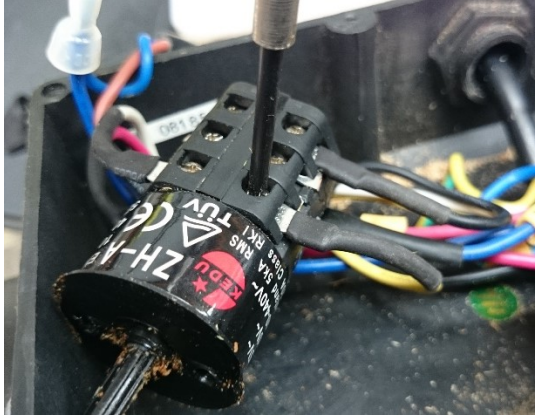
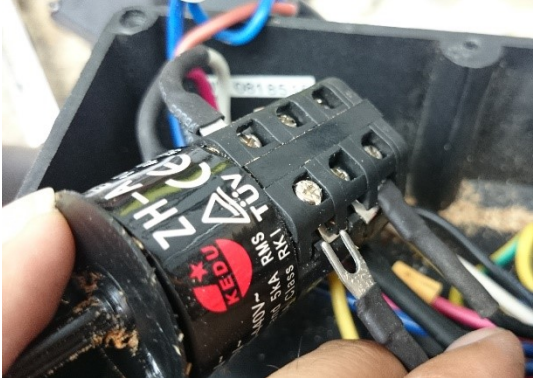

1 x Needle nose pliers


1 x Philips screwdriver

1 x Precision Philips screwdriver

Procedure:

Step No.	Description	Image
1.	Remove the cover of the box containing the circuitries by removing the 6 Philips screws.	
2.	<p>Pull off the switch knob. This can be easily pulled out by hand.</p> <p>Note: Remember that the slot on the switch knob and groove on the switch shaft is matching.</p>	
3.	Squeeze the tabs shown to expose the Philips screws behind the silver plate.	

		
4.	Remove the Philips screws to detach the switch body from the box casing.	
5.	<p>The cables are connected by small Philips screws therefore to unscrew it, a precision Philips screwdriver is recommended.</p> <p>Remove each cable and attach it to the same terminals of the new switch. This is best done one cable at a time to prevent confusion.</p> <p>Note: Make sure to have the flat side facing up on both new and old switches as shown in the image to prevent confusions of the terminals.</p> <p>After all the cable is attached to the new switch body, reassemble every part back together.</p>	 
6.	<p>When reassembling the switch, make sure that the rubber padding is in places since this seals the gaps to prevent moisture from entering the casing.</p> <p>Note: The padding has a part sticking out. Align the padding by inserting these parts into the cavity of the switch body.</p>	

		
7.	When reattaching the cap of the box along, be careful about the rubber sealing that is placed around the edges. The sealing can get caught in the screws which will cause them to rip, compromising its sealing capability.	