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Frequently Asked Questions

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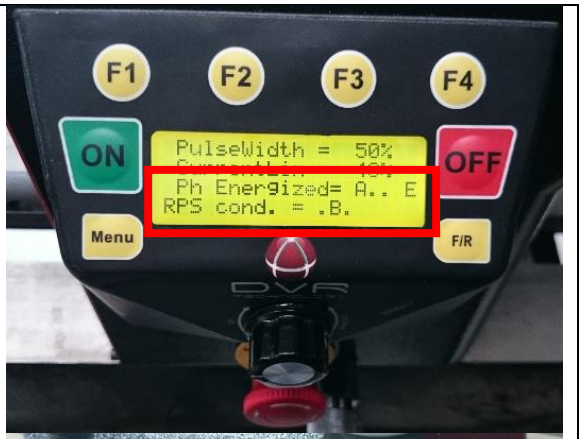
Safe practices should always be employed to ensure the Health and Safety of yourself, employees and customers (if applicable) Refer to product manuals, exploded drawings and our website if further assistance is required, or contact us on service@teknatool.com

Rotor Position Test on the Galaxi DVR 1644 Lathe

1	Turn the lathe on and enter **Service Mode**. Refer to '*How to enter Service Mode on Galaxi DVR 1644 lathe'* for instructions on how to enter service mode.	
2	Press the **<Menu>** button and rotate the speed dial until "Service" is selected. Press **<F/R>** to continue.	
3	Press **<F/R>** again to continue to "**Sensor Alignment**".	
4	Press the **<ON>** key to start the test. <u>Note:</u> There will be a humming sound once the test has begun – this is normal	

5	Using the dial and **<F/R>** key, modify the parameters to the following: **PulseWidth = 50%** **CurrentLim = 40%** Press the **<F/R>** key again to confirm each change.	

6	(a) Select "**Ph Energised**" and change the parameter between A, B and C, while taking note of the "**RPS Cond.**" output. (b) Manually turning the spindle anti-clockwise should also change the "**RPS cond.**" parameter. The output should change 24 times per revolution, take note of the "**RPS cond.**" output. The correct output combinations for (a) and (b) should match the following: **Ph Energized** / **RPS cond.** A / B or AB B / C or BC C / A or AC If the "**RPS Cond.**" matched the "**Ph Energised**" parameter in the table above for part (a) and (b) then the motor has passed the test!	 

7	Press the **<OFF>** button and then turn the lathe off to clear interim settings.