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## Frequently Asked Questions









### Rotor Position Test Function on DVR XP Lathe



Date Raised: 21/Oct/2016

Date Amended:

Safe practises 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)

Step1:	Description	Photos
	Turn on your XP lathe, then enter <b>Service Mode</b> . Refer to FAQs : <a href="#">How to enter Service Mode and Check serial no. &amp; parameter on DVR XP lathe.</a>	
Step2:	Description	Photos
	Press & Hold  ,  , buttons and then press  button. The system will show the rotor position test function on the screen.	
Step3:	Description	Photos
	Press the  button to activate test function.	

Step4:	Description	Photos
	Press the  and  buttons to set <b>Pulsewidth to 50%.</b>	
Step5:	Description	Photos
	<p>Press &amp; Hold  button and then press  button. Change to second line on the screen.</p> <p>Then press the  and  buttons to set <b>Cur lim to 40%.</b></p> <p><b>Note:</b> A humming sound will be generated and heard from the motor. That's correct motor response.</p>	

Step 6:	Description	Photos								
	<p>Press  button into rotor position test. PRS output in normal position.</p> <p><b>Correct output conditions:</b></p> <table><tr><th>Phase energized</th><th>RPS Condition</th></tr><tr><td>A</td><td>B or AB.</td></tr><tr><td>B</td><td>C or .BC</td></tr><tr><td>C</td><td>A or A.C</td></tr></table> <p><b>As the Phase Energized change, the buzzer also change with.</b></p>	Phase energized	RPS Condition	A	B or AB.	B	C or .BC	C	A or A.C	
Phase energized	RPS Condition									
A	B or AB.									
B	C or .BC									
C	A or A.C									

**Press OFF and then turn off the machine to clear all interim settings.**