Frequently **A**sked **Q**uestions

How to enter Service Mode on Galaxi DVR 1644 lathe

Date Raised: 6 March 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@teknatool.com

To enter service mode on the Galaxi DVR 1644 Wood lathe:

Step No.	Description	Image
1.	Turn on the Galaxi lathe and hold down the **<F/R>** key first and then hold down **<F2>** key for 2 seconds and let go. You will be presented with a screen to enter the password.	
2.	Enter the password "**3210**" to enter service mode. To enter "3210" press: **<F1>** : 3 times **<F2>** : 2 times **<F3>** : 1 times Once the password has been entered press **<ON>** or **<F/R>** to confirm and proceed to service mode.	
3.	You would be presented with an identical screen as step 1 once the lathe has entered service mode. To check whether the lathe has successfully entered service mode press **<Menu>**.	
4.	Navigate the cursor down to **"Motor parameter"** option by turning the dial. Press the dial to enter the Motor Parameter option.	
5.	Once in the **"Motor parameter"** option, navigate down through the pages. If a 4th page is visible the lathe has successfully entered service mode.	 Page Number

Factory Reset option can be reached by the following the steps below:

Step No.	Description	Image
1.	Press **<Menu>** Use the dial to scroll down the pages and select **"Motor Parameter"**	
2.	Navigate down to page 3 by using the dial. **Note:** Page 8 if you are in service mode.	
3.	Turn the dial to scroll down one more page to find the factory reset option to restore the default parameter values	

The default parameter values (In descending order from page 1)

Parameter Name	Value
Profile	Normal
Kprop	160 %
Kint	3125 %/s
V Kprop	2000
V Kint	9000
Vd DC Bus	~355 v
T Heatsink	(various)
T Threshold	60
V Low Lim	300 v
V Ref ON	380 v
V Ref OFF	360 v
SpdAdvMAX	1000
SpdRmp	1000 s-1
TrqRmp	2000 ms
CurLim	70 %
AdvMax	85
PulseMax	185
UVtSdStp	345 v
UVtSdRun	220 v
Ir Gain	28835
Ir Offset	82

To change the value of these parameters:
1. Scroll through the pages on the menu by turning the dial to locate the parameter that you wish to change.
2. Select the parameter value by pushing the dial in.
3. Turn the dial to increase or decrease the value of the parameter to suit the needs.
4. Push the dial in one more time to confirm change.