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

How to enter Service Mode on NOVA Voyager DVR Drill Press

Date Raised: 17 January 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@teknetool.com
Date Amended	

To enter service mode on the NOVA Voyager DVR Drill press:

Step No.	Description	Image
1.	Turn on the Voyager drill press. Press and hold down <Zero/Confirm>, press <F2>, and then release both buttons. 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 the **<ON>** key to proceed to service mode. **Note:** You would be presented with a screen containing the text "**Service mode**" for a brief moment after the **<ON>** key is pressed.	

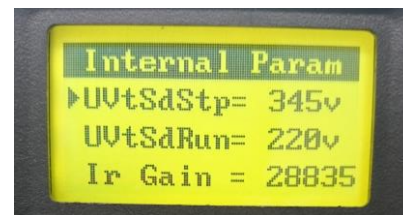| 3.	When in service mode you would be presented with a similar screen as in step 1. To access the service menu press **<MENU/ Cancel>** key and navigate to **"Configuration"** then **"Service"** **Note:** Turn the dial to navigate through the menu	
Extra	There are extra motor parameters within the **service menu** (First option)	

The default motor parameter values in service menu (In descending order)

Internal Parameters	
UVtSdStp	345v
UVtSdRun	220v
Ir Gain	28835
Ir Offset	82
Voltage Reference	
VdLowLim	300v
VdRefON	380v
VdRefOFF	360v
Control Algorithm	
SpdAdvMax	1000
SpdRmp	1000/s
TrqRmp	2000ms
Electrical Parameters	
CurLim	70%
AdvMax	85
PulseMax	185

Note: These motor parameters are different to the ones that can be accessed directly from the configuration menu. **Only accessible in service mode.**

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.