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Frequently Asked Questions

How to fix clicking noise and “Low Voltage” message on Galaxi DVR 1644 lathe

Date Raised: 22 February 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

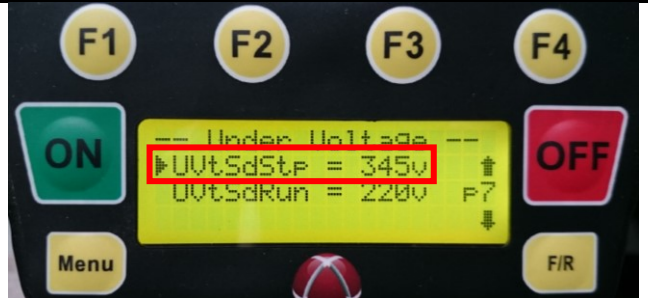
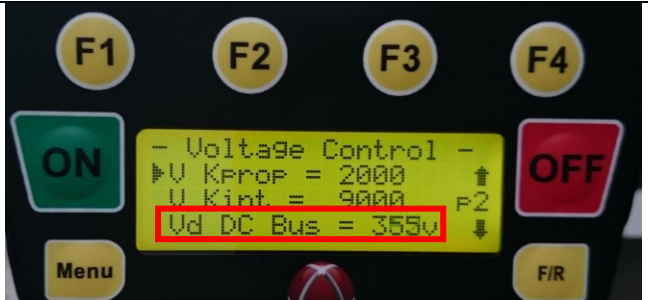
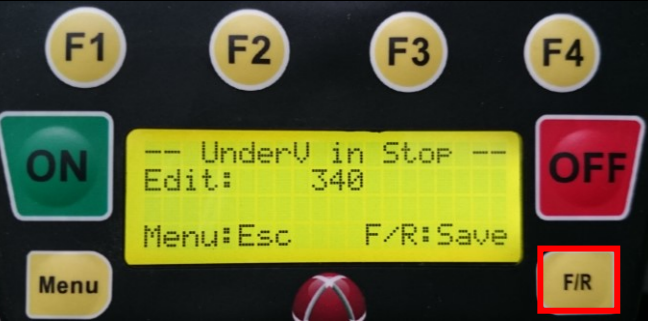
There are 2 solutions which can be tried to solve this problem. Proceed with solution1 first and progress onto solution2 if the problem does not resolve.

Solution1: Perform Factory Reset to restore all default parameter values

The steps on how to perform factory reset can be found on the FAQ article: [How to enter service mode on Galaxi DVR 1644 lathe.](#)

If the issue still exists after performing factory reset, progress to solution 2.

Solution2: Adjust one parameter value in the software

Step No.	Description	Image
1.	Enter service mode on the lathe. Follow article: How to enter service mode on Galaxi DVR 1644 lathe.	NO IMAGE
2.	Press <Menu> and select “ Motor Parameters ”. Navigate down to the list of parameters using the dial to locate the parameter “ UVTsdStp=345 ” on page7 Note: On page2 there is a parameter “ Vd DC Bus ” this parameter should be fluctuating between 340 and 359 when the lathe is functioning correctly.	 
3.	Press the dial in to select the parameter and turn the dial to change its value. Change the parameter value from 345 to 340 or 355 by turning the dial. Press <F/R> to save the change. Note: Changing this parameter value will also resolve the “Low Voltage” message	

4.

Turn the lathe off and let it discharge for about a minute.

Turn the lathe back on to check if the issue has been resolved.

Note:

The ticking noise may still exist after these steps but it will not affect the performance of the lathe.

The circuit board will have to be replaced for a permanent solution to the ticking noise. Contact our support service to arrange a replacement.

NO IMAGE

If neither solution listed above solves the issue completely, there is a problem with the board. To replace the board contact us through our support service at: <http://www.teknatool.com/support/>