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Frequently Asked Questions

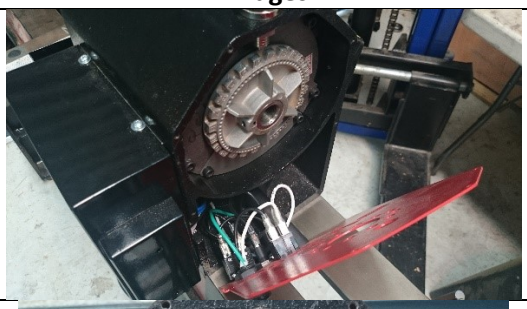
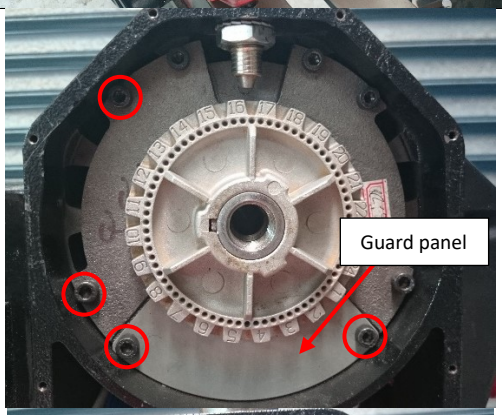
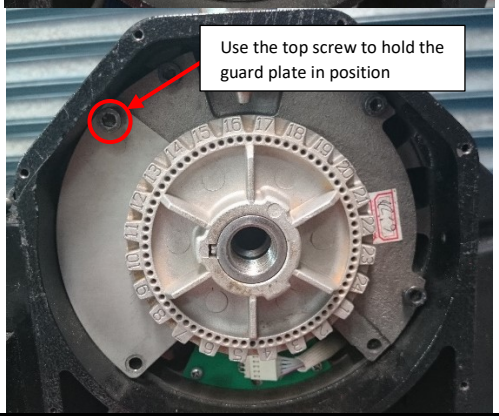
How to change the optic sensors on the DVR Galaxi 1644 lathe

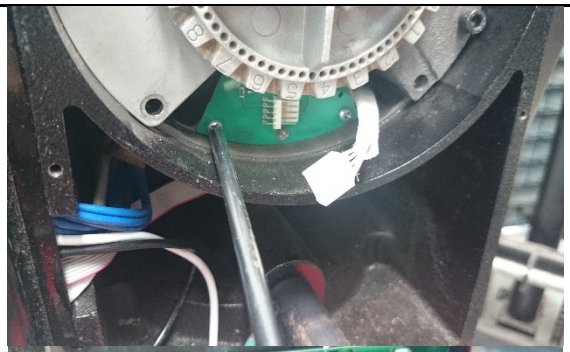
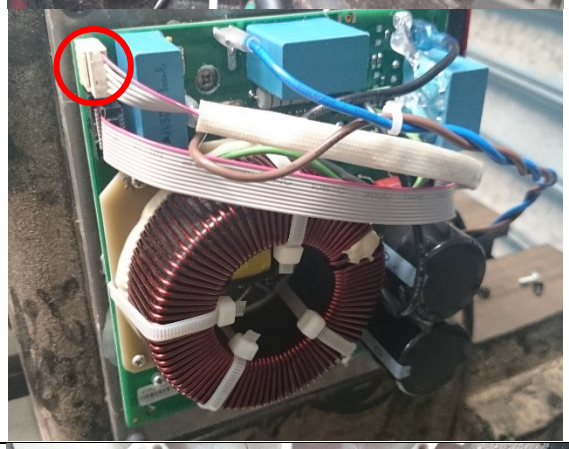
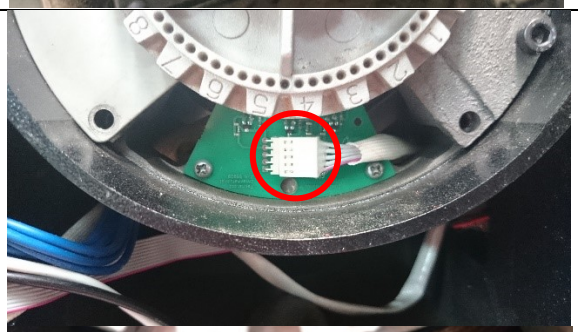
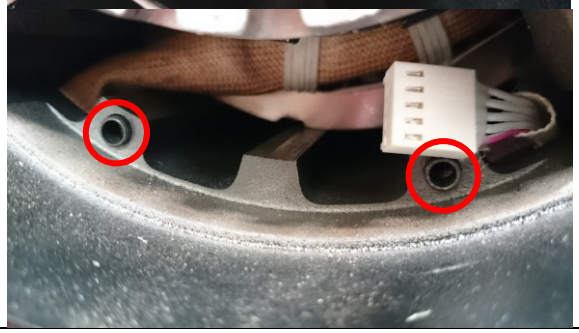
Date Raised: 6 March 2017 Date Amended	Safe practices should always be employed to ensure the Health and Safety of yourself, employees and customers (if applicable) Refer to product manuals, exploded drawings and our website if further assistance is required, or contact us on service@teknatool.com

Caution:
Make sure that the lathe is disconnected from any power sources before commencing the procedure.

Tools Required:
1 x 3mm Allen Wrench
1 x 6mm Allen Wrench
1 x Philips Screwdriver

Procedure:

Step No.	Description	Images
1.	Unscrew the hex screws that are holding the back cover of the headstock using the 3mm Allen Wrench. Remove the back panel off the headstock.	
2.	Unscrew the bolts circled to free the guard panel of the sensor. Rotate the sheet cover clockwise to expose the sensor board. **Note:** To hold the guard panels in place, use the top screw (shown in bottom image).	 

3.	Disconnect the 5-pin sensor cable and remove the two M5 screws securing the sensor board in place. **Note:** To replace the sensor cable, the control box has to be opened and cable has to be disconnected from the control board. If the optic sensors are hard to remove, use a small flat head screwdriver to pop it off with care.	 
4.	Replace the old sensor with the new sensor and plug the 5-pin cable back in. **Note:** Make sure the cable is firmly connected to the sensor board. Be careful not to lose the screw sockets (Shown in bottom image) after removing the optical sensors. This part will help define the sensor position.	 
5.	Reassemble the back covers. Test the lathe again to check if the error still exists.	