Frequently Asked Questions

Date Raised: 13 Jan 2021
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

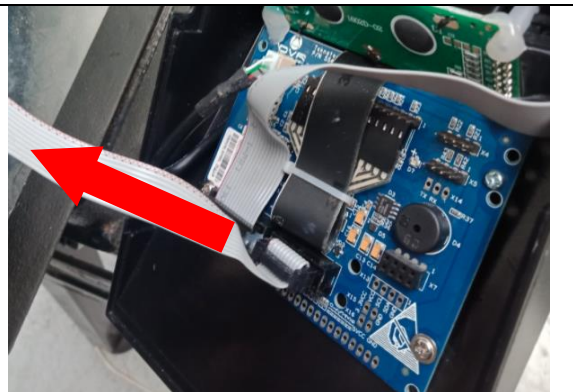# How to Replace a broken Speed Knob Rotary Encoder on a DVR Saturn

Tools Required:

- Small flat-head screw driver
- Phillips head screw driver
- Pliers
- Replacement Rotary Encoder – SKU 8339028

1	Turn the Lathe off and unplug the power cable. Allow two minutes for the capacitors to discharge completely.

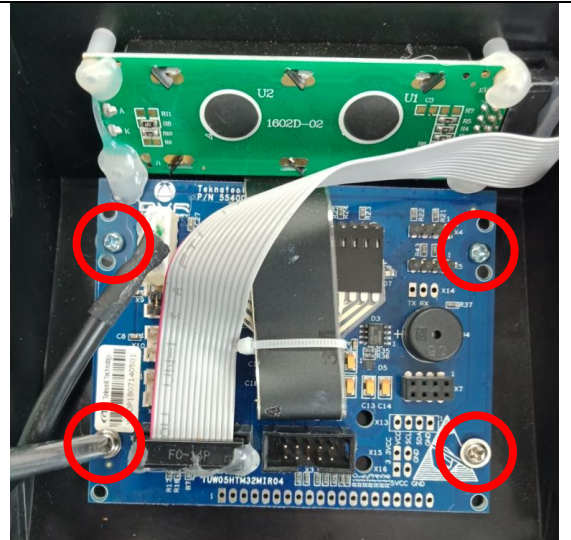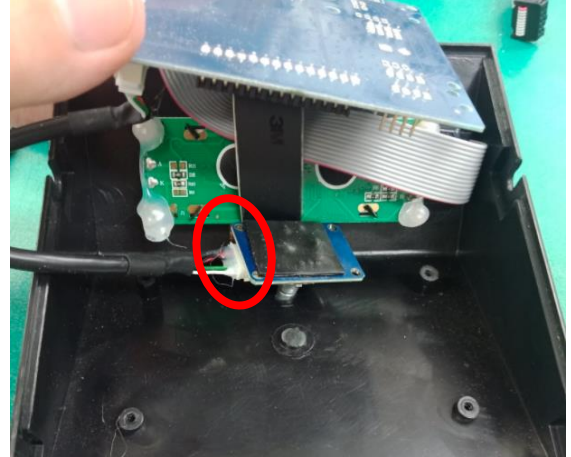| 2	Using a Phillip head screw driver, loosen the four screws holding the HMI panel to the headstock to release it.	

3	Unplug the HMI ribbon cable from the back of the panel.	

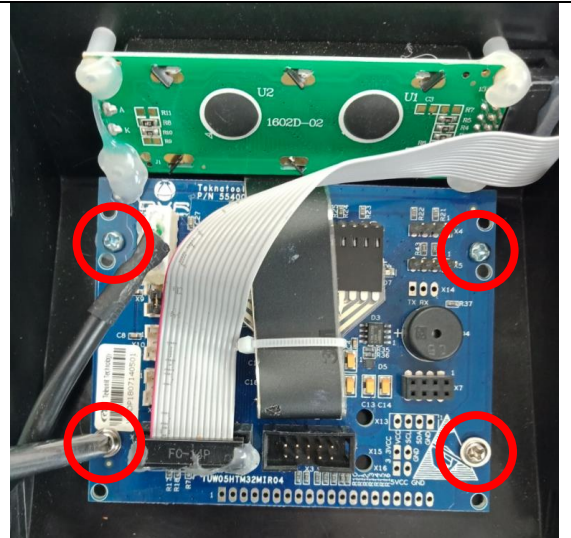| 4	Using a small flat head screw driver, loosen the small grub screw inside the speed knob and slide it off the encoder shaft.	
5	With some pliers undo the nut holding the old rotary encoder to the HMI panel. Remove the washers too.	
6	Remove the screws holding the HMI circuit board in place.	

7	Disconnect the rotary encoder unit from the cable and replace it with a new one.	
8	Screw the nut and washers back to the rotary encoder on the other side of the HMI panel to secure the encoder in place.	
9	Fasten the four screws to secure the HMI circuit board back to the panel	

10	Screw the speed knob onto the new encoder shaft	
11	Re-attach the HMI ribbon cable and screw the panel back onto the lathe headstock.	