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Teknatool Frequently Asked Questions

Replacing Fuse in Mercury Lathe Control Unit

Code: FAQSHS– N3ML100

Date Raised: 18 Nov2000

Date Amended:

Safe practises should always be employed to ensure the Health and Safety of your employees and customers. Refer to the exploded drawings and parts diagram if you require assistance identifying parts.

- The fuse used is rated at 250 Volts with amperage between 6 and 8 Amps. This is located in the control unit.
- It is a safety measure to ensure that the vital components are protected from dangerous levels of current.
- If the fuse blows then no power will be delivered to the control board and hence the motor.

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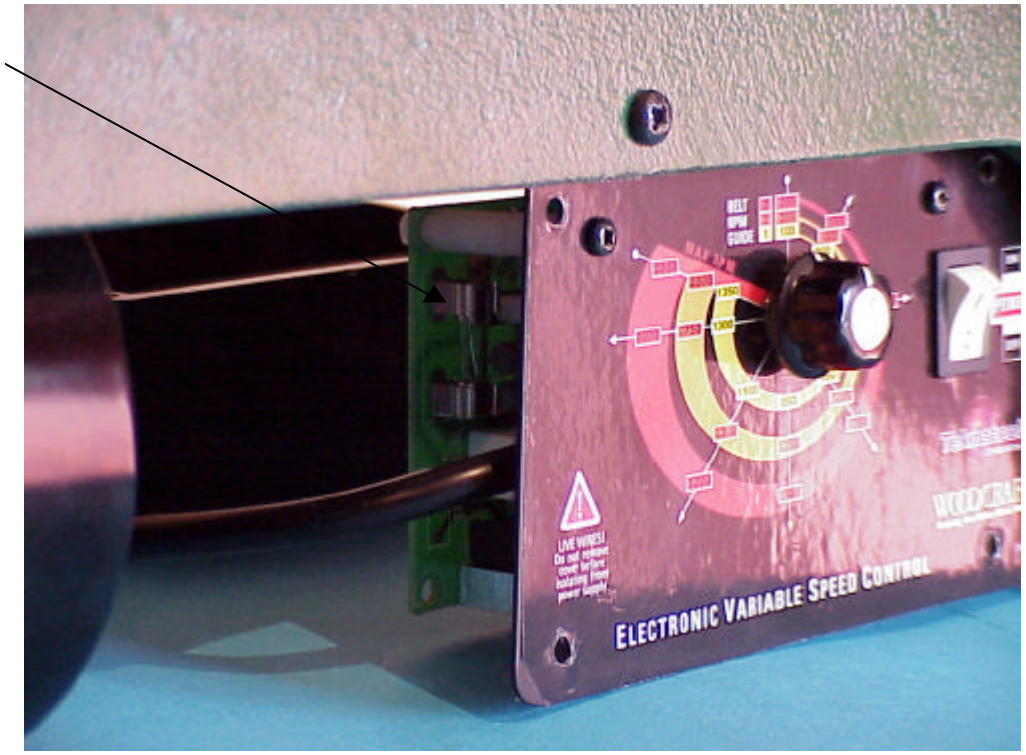
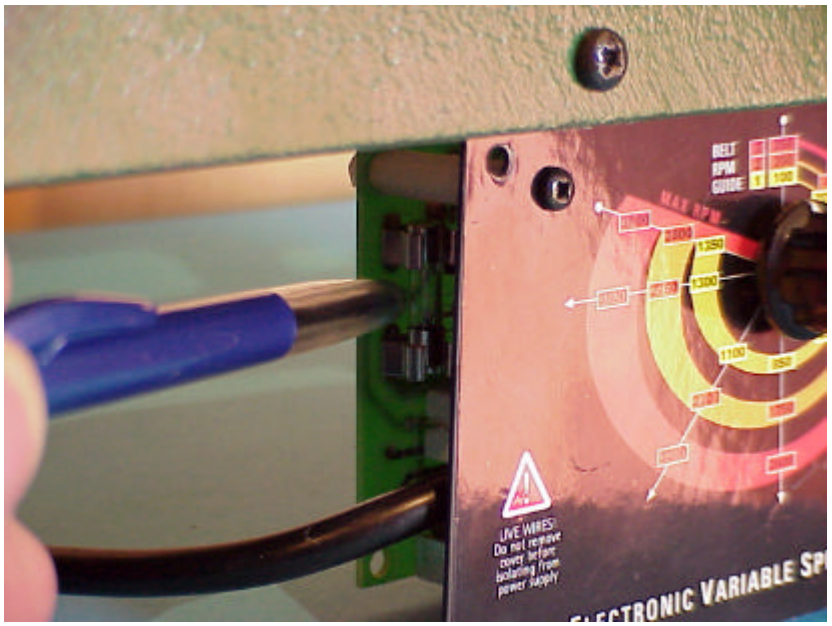
1. Ensure that the power is disconnected from the plug in the wall. With the unit facing you, locate the four screws as shown in the diagram below:

Unscrew the screws with a Phillips screwdriver while applying light pressure from behind the black plastic box. Ensure the two middle screws are not touched.

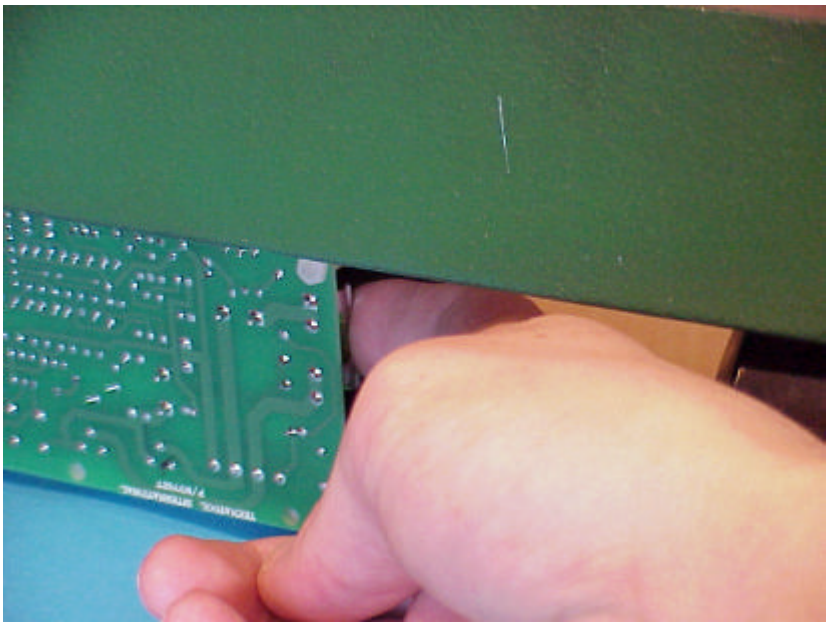


2. Remove the plastic box and locate the fuse on the right side of the control board.
3. Remove the fuse by wedging an insulated biro pen in between the fuse cylinder and board. Gently push the pen until the fuse comes away from the fuse clamping rings.



4. Remove the fuse and inspect the condition of it. If the fuse has blown, the wire will be broken and the cylinder interior may be black.

5. To put the new fuse in, have access from behind the lathe (you may need to turn the whole lathe around). Hold the fuse in your right hand and position the fuse cylinder in front of the top and bottom clamping rings. Gently push the fuse cylinder into the rings until it clicks into position. You may need to re-position the height of the fuse with your index finger and thumb.



6. Put the plastic box back on. Ensure that the power leads and two earth wires are housed in the recesses on each side of the box. It can only go on one way in order for the leads to be held appropriately.
7. Screw the 4 screws back up and again with your other hand apply light pressure behind the box to give support while tightening.
8. Put the plug back into the wall and turn the motor back on.

NB: Should the fuse blow again, then there could be a fault with the control board or motor. This will need servicing and contact your local dealer for information on how the unit can be serviced.