

The Nutmeg

Newsletter of the Nutmeg Woodturners League
Established June 14, 1989



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www.nutmegwoodturners.com

NEXT MEETING

Membership meeting – Monday, Jan. 14, 2008

PROGRAM: Carl Ford will be doing a demonstration on vacuum chucking.

Brookfield Craft Center
Route 25, Brookfield, CT

6 to 7 P.M. – Informal Gathering, Library Open

7:00 P.M. – Club Business

7:30 P.M. – Program

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Vice President
Treasurer
Newsletter Editor &
Photographer
Membership Chairman
Librarian & Webmaster
Demonstrator Chairman

Buster Shaw
Jim Degen
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PRESIDENT'S PAGE

Happy New Year – I hope everyone had a wonderful holiday season.

At the January meeting we will have Carl Ford on vacuum chucking. This should be great. Did you all read the article in *American Woodturner* that Carl wrote on *Custom Centering Cones* for the Oneway live center? I had my order into McMaster-Carr the next day. Joe Larese did a great job with the photos also.

Speaking about demo's, if there is something or someone that you would like to see please tell me. I would love to get your input.

A big thanks needs to go out to Don Metz for hosting the December *Learn & Turn*. We all had a great time and the spread that Cookie put on for lunch was delicious.

Remember the challenge for the meeting is to bring in a turned box. Also we have \$90 worth of *Craft Supplies* merchandise certificates for the raffle. Please remember *Craft Supplies* is a big supporter of the club when you next need something.

Bowl Fest turning has already started, we turned over the past weekend and will turn again on January 26th and 27th. A sign-up sheet will be at the meeting. Thanks to Allen Brown for all the wood he dropped of at the Craft Center.

Dues are due! It's still a bargain at \$20, so please see Allen Nemetz ASAP.

Keep a sharp edge!
Buster

COMING EVENTS

BROOKFIELD CRAFT CENTER

203-775-4526

Lathe Turning Basics **Buster Shaw**
Saturday and Sunday, January 19th and 20th
10 AM to 4 PM

Turning Teapots **Michael Hosalak**
Tuesday, Wednesday and Thursday, January 22nd,
23rd and 24th – 10 AM to 4 PM

Metal Spinning **Terry Tynan**
Saturday and Sunday, February 2nd and 3rd
10 AM to 4 PM

Beginning Bowl Turning **Jim Degen**
4 Tuesdays, Feb. 19th to Mar. 11th
10 AM to 2 PM
4 Wednesdays, Feb. 20th to Mar. 12th
6 PM to 10 PM

Elegant Pedestal Boxes **Keith Tompkins**
Saturday and Sunday, March 1st and 2nd

Square Lidded Bowls **Buster Shaw**
Saturday and Sunday, March 8th and 9th
10 AM to 4 PM

Bowl Turning Revisited **Jim Degen**
Saturday and Sunday, March 15th and 16th
10 AM to 4 PM

Lathe Turning **Buster Shaw**
4 Tuesdays, Mar. 18th to April 8th
6 PM to 9 PM

Woodturning for Women **Buster Shaw**
Saturday and Sunday Mar. 29th and 30th
10 AM to 4 PM

NORWALK WOODWORKERS CLUB

203-847-9663

Bowl Turning **Woodworkers Club Staff**
Tuesdays, January 16th, 23rd, 30th and February 6th
7 PM to 9 PM

Beginning Turning **Buster Shaw**
Saturday, January 19th

Bowl Turning **Buster Shaw**
Saturday and Sunday, February 16th and 17th

Nova DVR Owners

RP State Error

I always thought I kept my lathe clean, and would vacuum after each session, so when my lathe gave me an ***RP State ERROR*** message and normal cleaning did not fix the problem I was not a happy fellow.

An email to Teknatool went unanswered for days. I found the Nova users site on the web and got the name of a man in West Virginia who is very knowledgeable about DVR's and gave him a call. Within a few minutes he told me how to fix my problem. His name is Tom Geist and his phone number is (304) 295-8166. He also has Nova parts, if required.

See the following 2 part article on cleaning and repairing the Nova DVR.

By the way I got an email from Teknatool with the same information – ten days later!

Maintain your Lathe

Buster

Frequently Asked Questions RP State Error in DVR

Date Raised: 9/12/02

Safe practises 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:

Question: What do I do when “RP State Error” is displayed on the screen of my DVR? :

Answer:

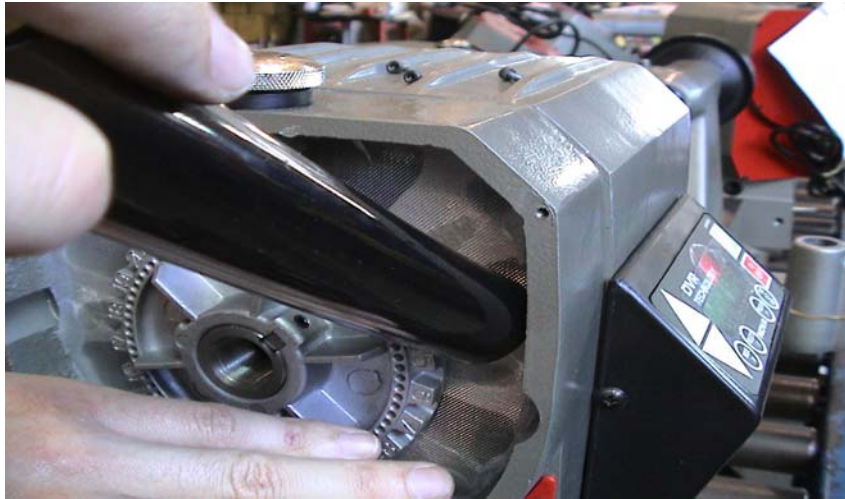
The optical sensors that give the spindle position feedback (‘Rotor Position’ State) are obscured, damaged or have been disconnected.

The most likely problem is that dust over a long period of time has settled on the sensors. The sensors are located in the upper section of the end-cap on a small printed circuit board. To remove the dust the following should be done:

1. Spin the spindle by hand to create a draught through the sensors.



2. Restart the motor.
3. If the error remains, with the power SWITCHED OFF and DISCONNECTED, remove the upper rear-guard and remove any wood dust with a vacuum cleaner. Avoid getting the nozzle too close to the electronic circuit board. Try positioning the nozzle at different angles and spin the spindle by hand in the process to dislodge and suck as much dust as possible.



4. Try sucking the dust through the vent at the front of the Headstock under the spindle. Again position the nozzle at different angles to suck as much dust through as possible.



5. Do this sequence several times. Try blowing with the vacuum cleaner or use compressed air if available. Please note that the dust is very light (to get through the filter) and will not require large amounts of pressure to move.
6. Replace guard.
7. Retry starting the motor. If this does not work please contact the Technical services of Teknatool International. Email service@teknatool.com

Teknatool International Ltd

65 The Concourse
Henderson Auckland New Zealand
Ph 0064 9 837 6900 Fax 0064 9 837 6901
Email sales@teknatool.com Website www.teknatool.com



Frequently Asked Questions RPS State Error – Step 2

Date Raised: 28/11/04

Safe practises 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

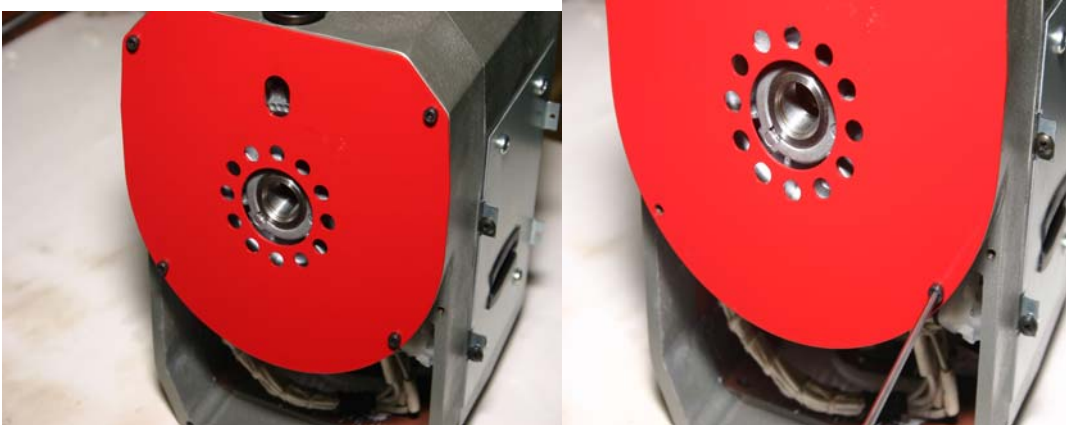
Date Amended:

RPS State Error relates directly to the sensor. If the first procedure of cleaning out the dust is unsuccessful then this procedure should be used. Due to such activates as sanding there may be a heavy covering of dust on the sensors. This will need to be removed and cleaned.

Tools Needed

- 1 X Phillips screw driver
- 1 X 4mm Allen Key
- 1 X mallet (soft face)
- 1 X Drift

The first step is to use the 4mm Allen key to remove the 4 cap screws holding the back plate on, removing this plate will expose the fan.



4 x cap screws holding plate in place

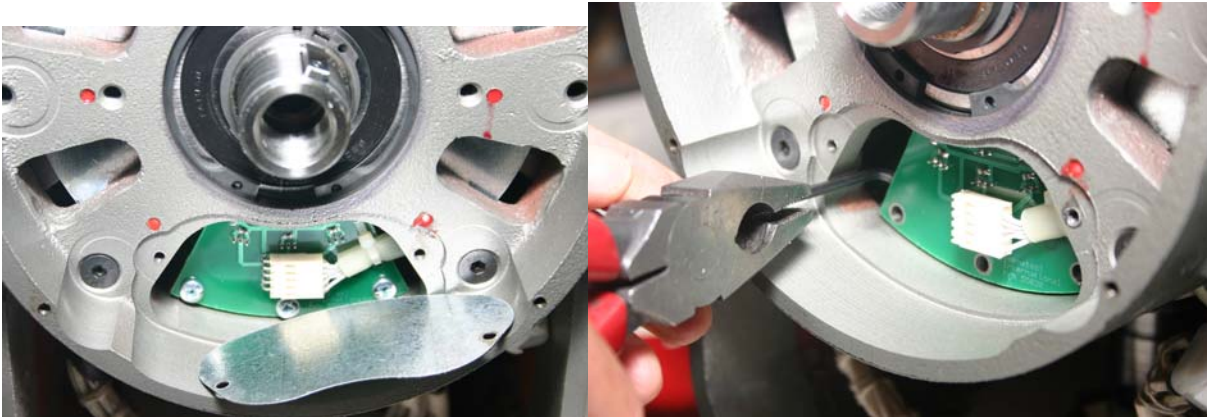
Next you have to remove the fan so the sensor plate can be removed. Using the 4mm Allen key again unscrew the M6X6 grub screw on the side of the fan. With the grub screw loose you can now pull the fan off the shaft. If the fan is tight use two wedges to bring the fan out using even pressure on both sides.



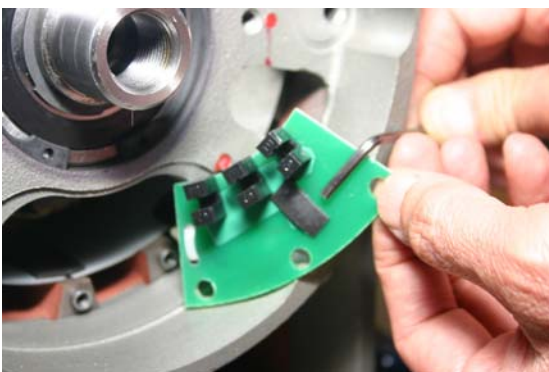
Now with the fan removed a plate covering the sensor will now be removed



Using the Phillips screw driver unscrew these screws to remove plate.



With the plate removed carefully lever out the board. **WARNING** - using too long a lever may cause damage to the sensors and/or board; the picture shows the underneath of the board, touching any black parts with the lever is not advised.



Now with the board use a cotton bud/cotton cloth to simply wipe away any dust that has collected on the U shaped sensors.

Now with the sensors all clean the board can be place back into the head stock. With the board sitting use a drift and soft faced mallet to lightly tap where the screws go in. This is to make sure that the board sits flat and no damage occurs will trying to put the screws in.



Using drift to lightly tap board flat.

Now make sure that the cord connecting to the sensors must have no slack, pull it down to the lower control board area to make sure the position disc doesn't catch it.

Now working backwards through the steps re -assemble the headstock.←