



D.I.Y./Self Help Sheet

LEESON 1 1/2HP MOTOR RUNNING BACKWARDS?

Date Raised: April 10th 2001

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:

*I have a Nova 3000 - the lathe is running fine. I have the 1 1/2HP Leeson Motor that I bought with the Nova 3000. The control panel has a switch for forward and reverse - but in Forward, the motor turns the spindle away from the turner - and in Reverse it turns the spindle toward the turner - which is obviously backwards. Talking to several people, this is the same with theirs - but is there an easy fix for it - switching a couple of wires maybe inside box ?? **Jim Peltzer, USA.***

Answer:

Woodcraft Supply Corp supplies the Leeson motors for the Nova 3000 lathe in the USA, so Teknatool asked them for their comments. Below is their response to the question:

Yes, there is a simple fix for the motor running in the wrong direction. Make sure you are careful around any electrical appliance to follow safe practices! Firstly, unplug the control box from the wall outlet. Take the cover off the control box, by removing the two screws on the front of the cover, one on each side, and the guard over the forward/reverse switch and lifting the cover straight up.

Follow the short power cord from the motor back to the control box. Just reverse the position of the white and black wires coming from the motor. You do not have to change anything else.

If you require further assistance in this, Woodcraft are happy to help, just contact Technical Services, Doug_White@woodcraft.com or call at 800-535-4486 Monday through Friday 8:30 A.M. to 5:00 P.M. E.S.T. **Doug White, Woodcraft Technical Services**