

Automation

Consultants Inc.

"Sales, Service and Support for Modern Manufacturing"

Setting the Spindle Drive Parameters

This procedure is to be used in the following events:

1. Replacement of the NV-RAM
2. ALM 17 on spindle drive

How to Initialize the Memory

1. Power off the machine
2. Move jumper S1 on the spindle drive to the TEST side
3. Power on the machine
4. Press and hold all 4 buttons on the display panel (MODE) (DATA SET) (UP) (DOWN) until the seven segment display shows FFFFFF
5. While pressing the MODE button push the UP button until FC-22 is displayed
6. Press the DATA SET button until the display shows GOOD
7. Power off the machine
8. Move jumper S1 back to DRIVE
9. Power on the machine

How to Change Spindle Parameters

1. Power on the machine
2. Press and hold all 4 buttons on the display panel (MODE) (DATA SET) (UP) (DOWN) until the seven segment display shows FFFFFF
3. While pressing the MODE button push the UP or DOWN button until the desired parameter number is displayed
4. Release the MODE button and the current value of the parameter is displayed
5. Change the parameter by pressing the UP or Down button
6. After all of the parameters are set press the DATA SET button until 88888 is displayed

Note that some of the earlier version spindle drives used a jumper to enable parameter writing. If the S1 jumper is not on the SET position the parameters will revert back to their original values after powering down and up again. Test your machine to verify that all of the parameters are retained after a power down.

Record all current spindle parameters.

[This technical bulletin is a free service of shoprag.com](http://shoprag.com)