

To Balance C

axis Baumuller

Start the computer and when the **OMNITURN CNC** logo appears, press **CTRL** and **C** together. The machine will ask you: Halt Batch Process Y/N
Press "Y"

C: OMNITURN

Then type "**Cstest**" and return.

Then Turn Servo On.

A menu will appear, Chose **#3 SET DAC OUTPUT**.

Menu will read: set balance spindle MC2 card for 0Volt

1: Now put a digital Voltmeter on DC on X6 terminal 5&6 or on the M19 card 2 prongs connector on the extreme right.

Adjust lower little blue potentiometer on M19 card for 0Volt

Now press enter, the screen will shift to: Set gain on spindle drive Mc2 card for 4 Volts

2: With your meter on the same spot, adjust upper blue pot to 4 volts.
If spindle is vibrating, reduce the 4 Volts on upper pot until there is no more vibration.

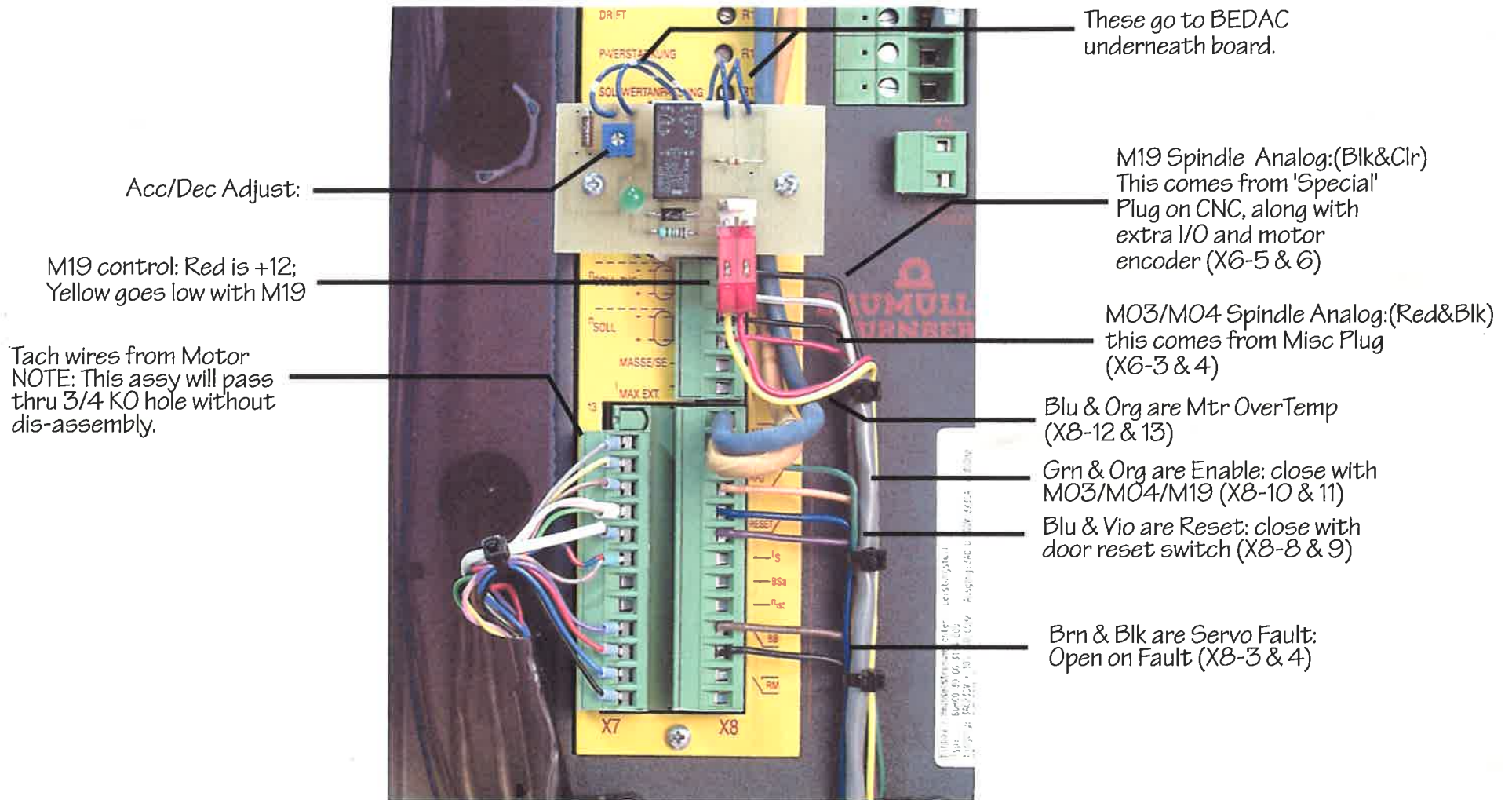
You can go as low as 2.5V.

Repeat procedure 1 and 2 a few time switching screens with the Enter key.

When satisfied, press escape and # 5 to quit the program.

At the DOS prompt, type in CSERVO and the machine will return to main screen, or shut the power and reboot.

Baumuller Terminal Blocks X6, X7, X8 and M19 relay board



Break resistor Ba - ZK+



Motor Wires: Observe Phase
 "U" = 1U2
 "V" = 1V2
 "W" = 1W2
 Yel & Wht are Over Temp

