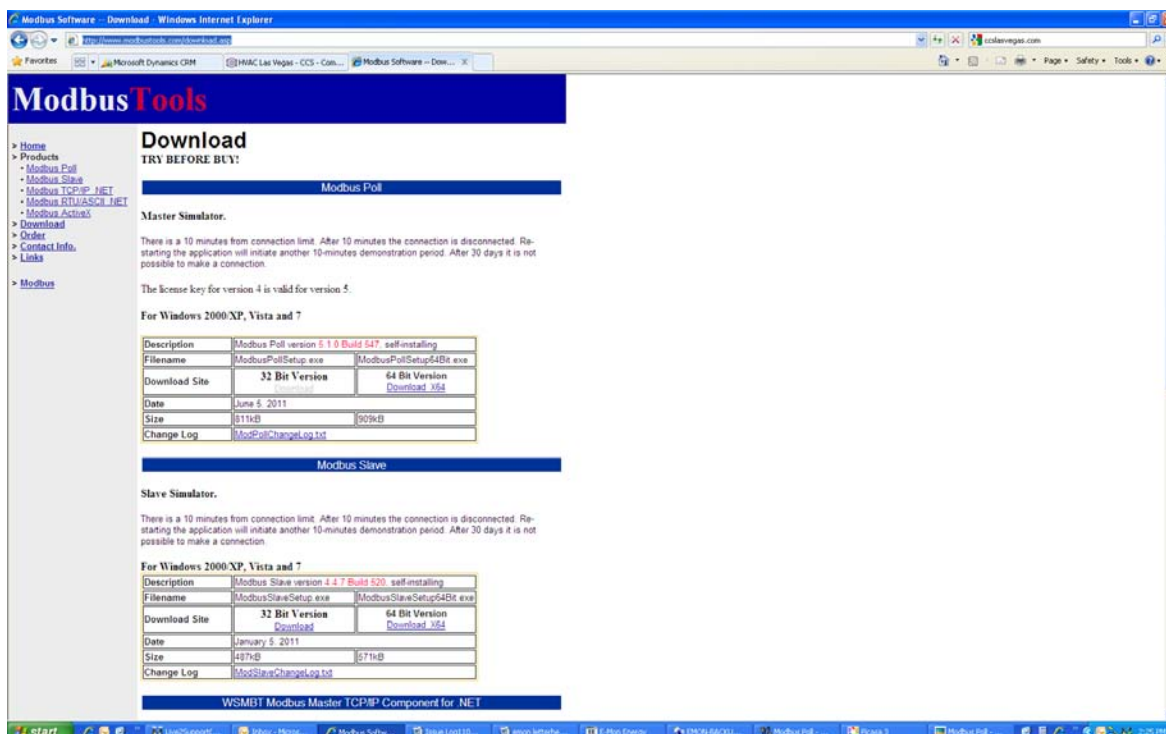


## Modbus RTU Instructions for Changing Slave ID with Modbus Poll

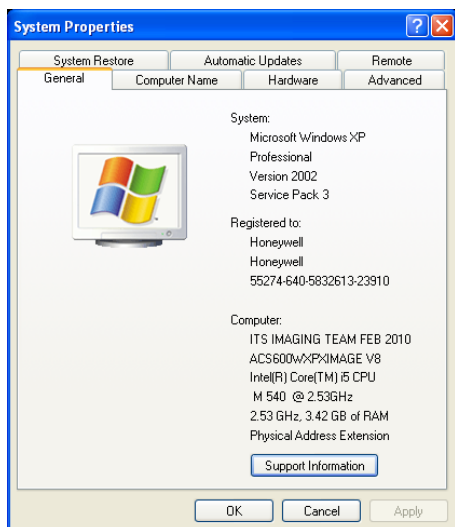
Note: You will need a RS485 to RS232 USB key. E-Mon part number USBkey.

1. Download Modbus Poll from this link <http://www.modbustools.com/download.asp>

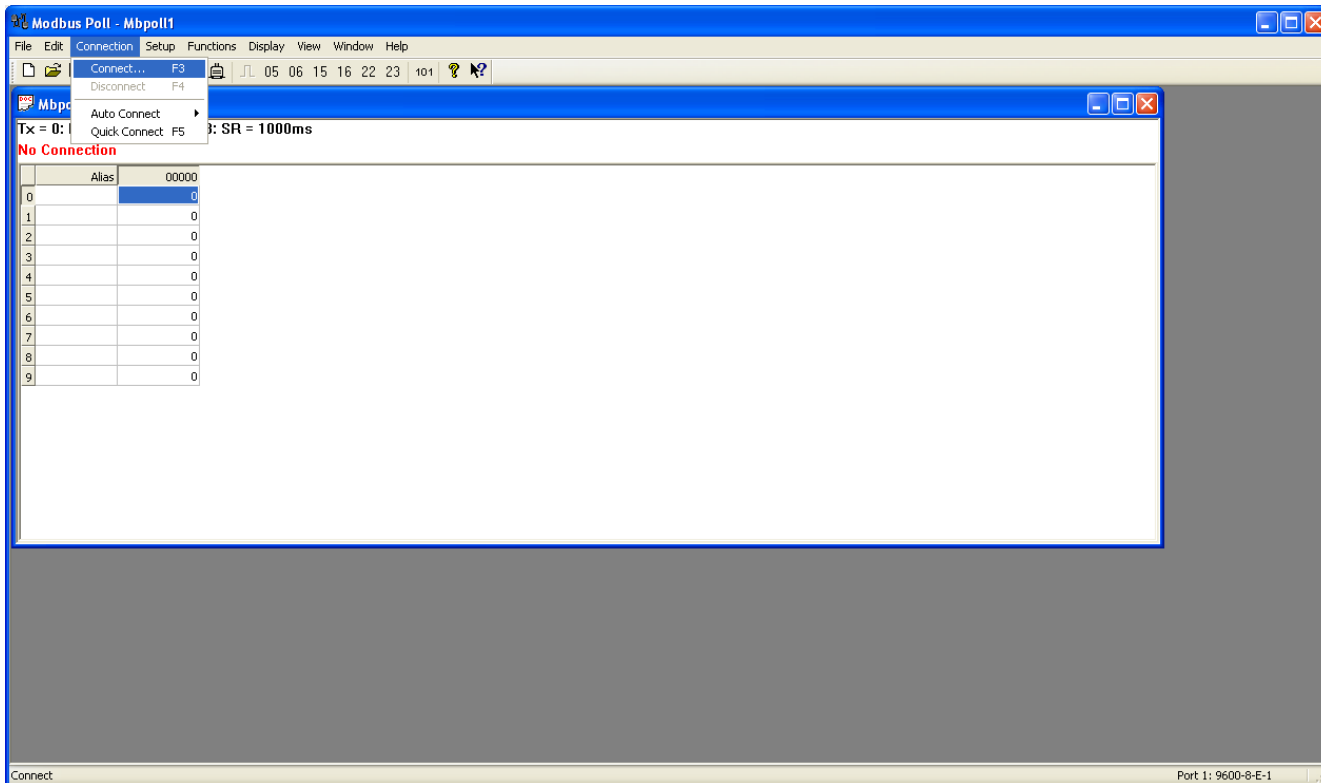


Unsure if you need the 32 or 64-bit version?

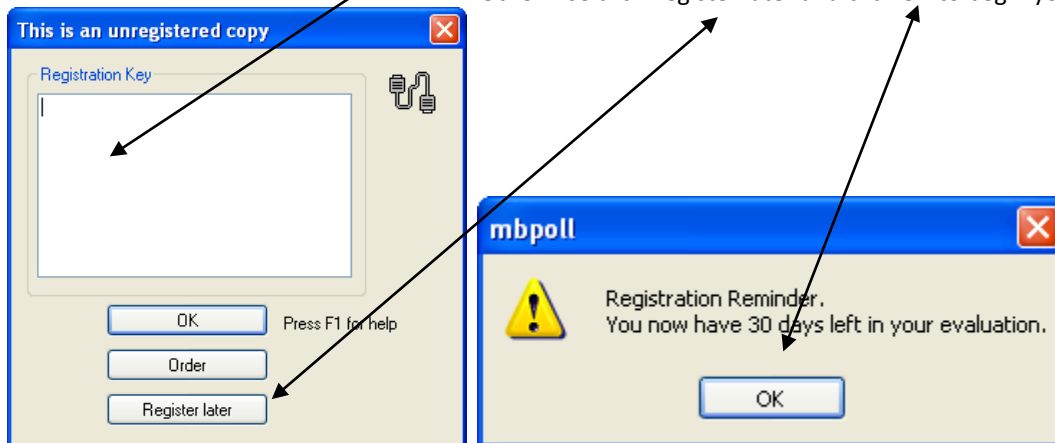
Most Windows pc's are 32 Bit. To verify your pc operating system: go to → control panel/system icon/general...  
If the System Properties: does list 64-bit then it is 32-Bit. (See below is 32-Bit).



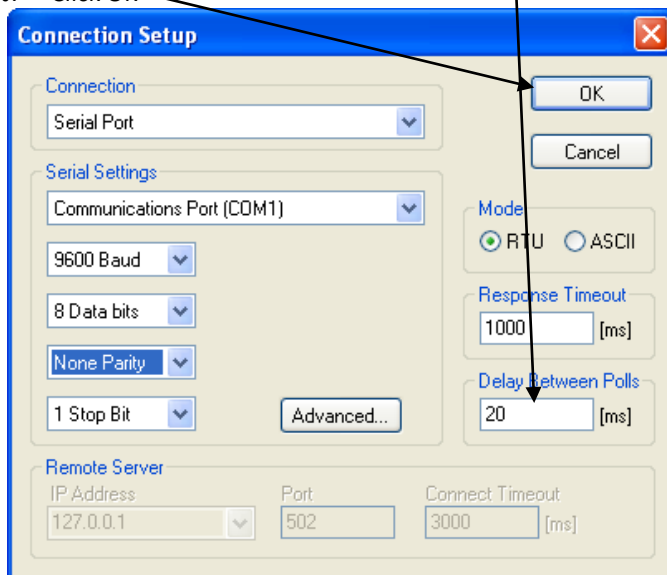
2. Open Modbus Poll and click →connection and click →connect.



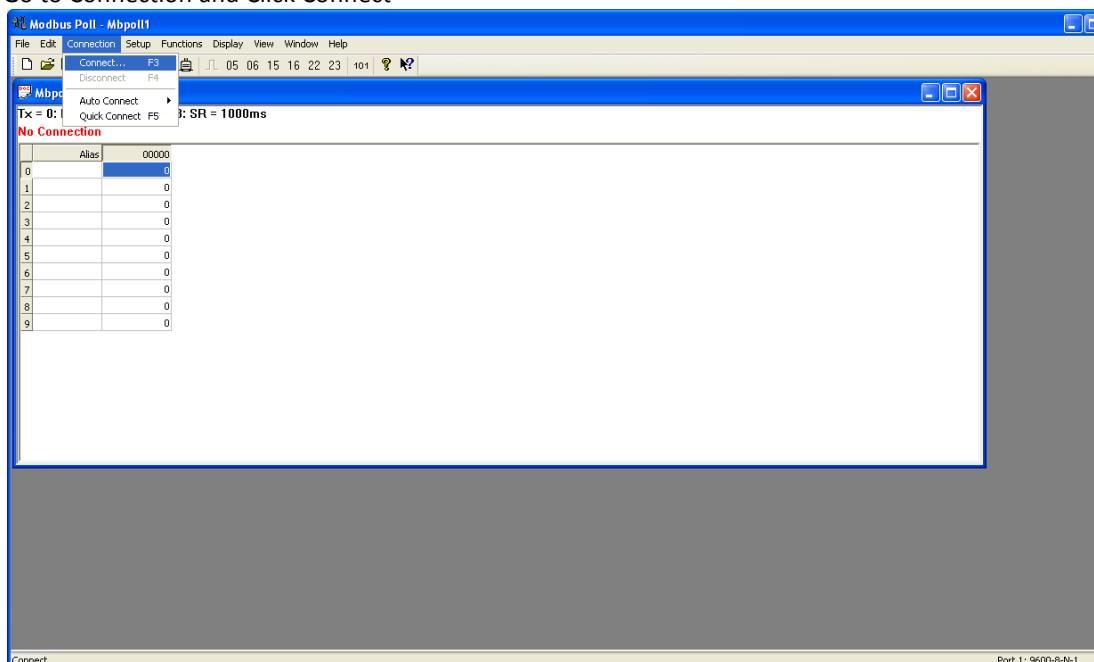
3. If you purchased the Registration Key then enter it and click OK.
4. Otherwise click Register later and click OK to begin your 30-day free trial.



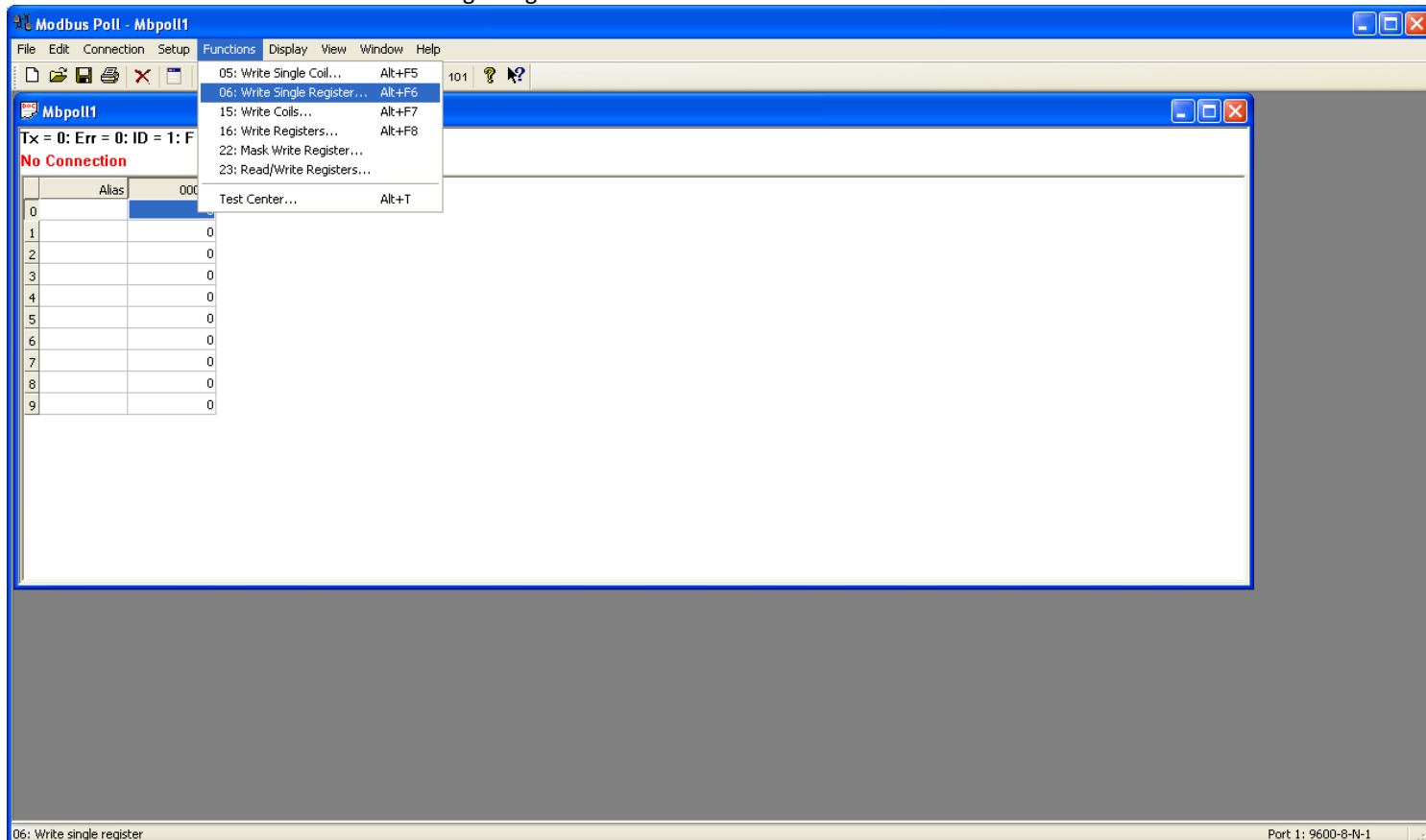
5. Connection Setup:
  - A. Connection: Serial Port
  - B. Serial Settings: COM1 or the COM Port assigned by the USBkey, see (E-Mon USBkey Instructions).
  - C. 9600 Baud
  - D. 8 Data Bits
  - E. None Parity
  - F. 1 Stop Bit
  - G. Mode: RTU
  - H. Response Timeout: 1000
  - I. Delay between Polls: Change from 20 to 1000
  - J. Click OK



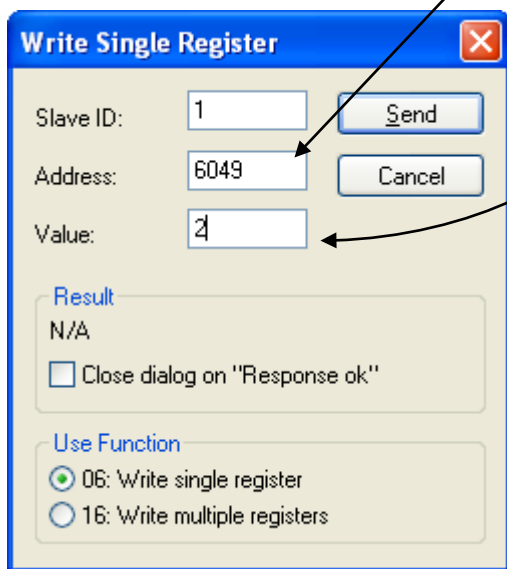
6. Go to Connection and Click Connect



7. Go to → Functions → Write Single Register



8. To change device Slave ID, single point at 6049 with Value set to new device ID (e.g. 1 to 247) and click send.

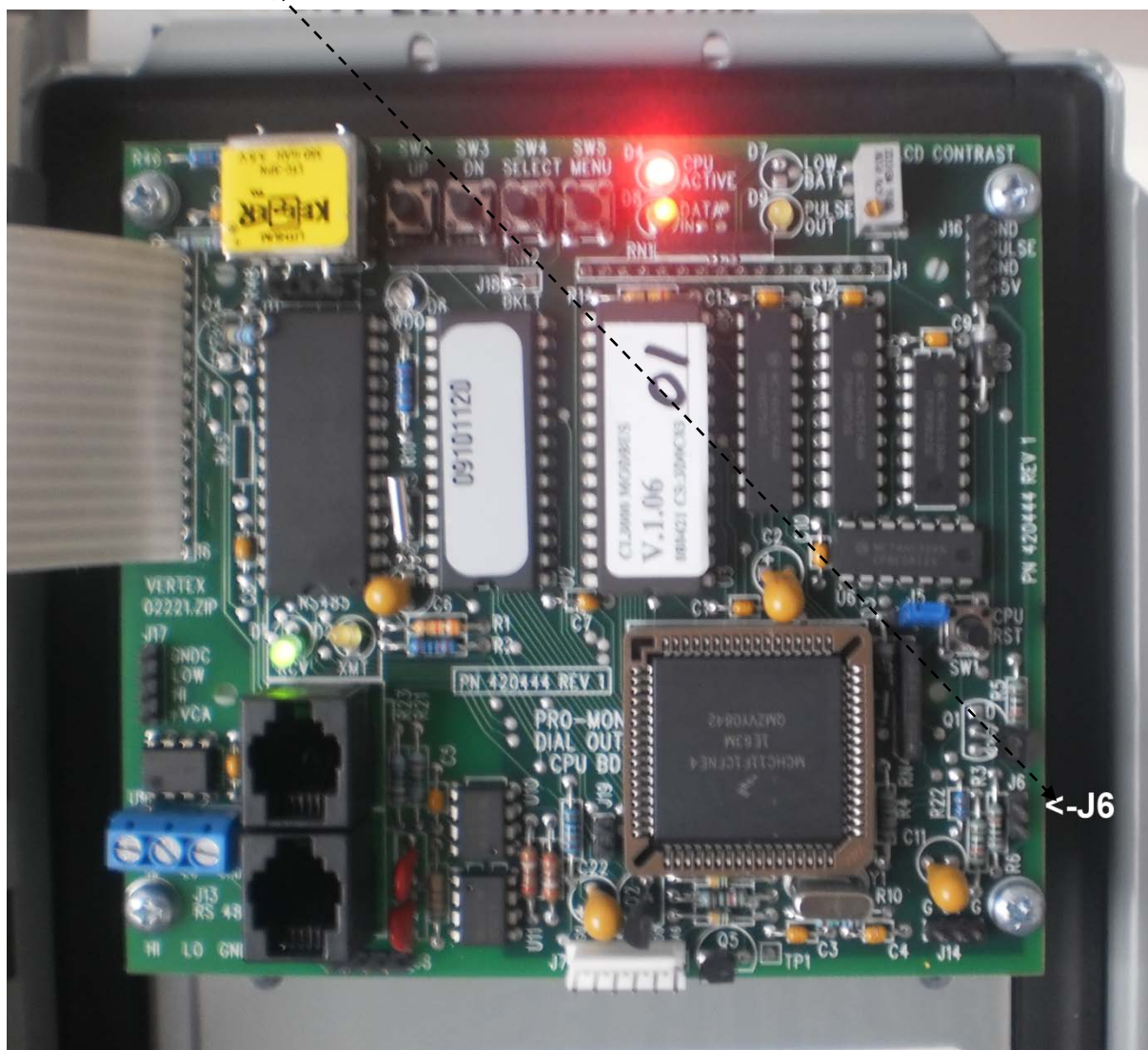


Note:

- Class 3000 meters requires a jumper installed on J6 to write to this register.  
Class 5000 meters requires a jumper installed on J3 to write to this register.

**Class 3000 J6 Jumper Location Modbus RTU**

Jumper location of J6 for Modbus Slave ID change shown below...



Remove Jumper J6 after ID is changed.

If a factory blue jumper is not available one may be borrowed from another meter J5 temporarily.

-OR-

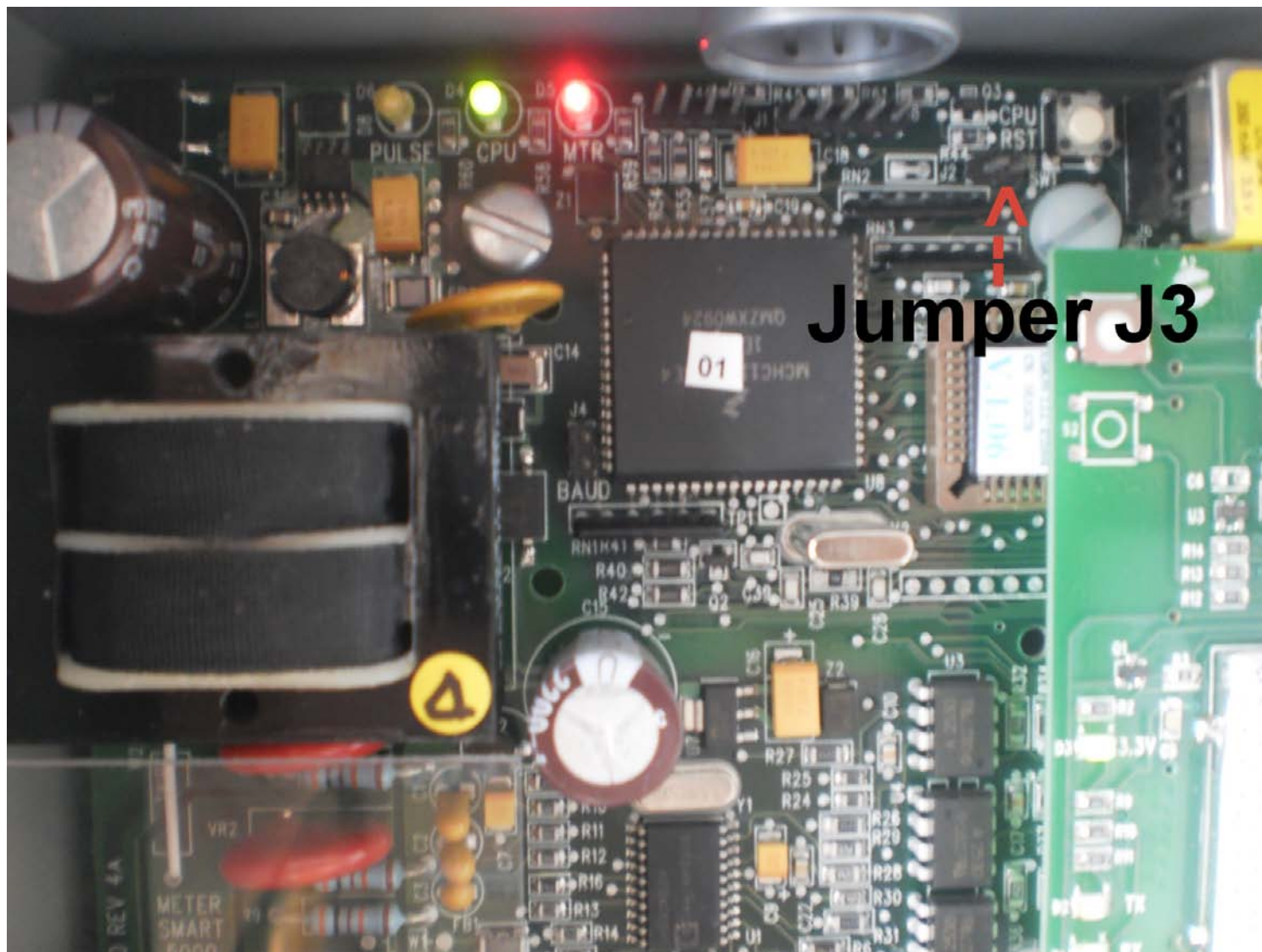
A strand or small piece of copper wire can be used as a jumper.

Loop the bare copper wire around the two bare pins at J6.



**Class 5000 J3 Jumper Location Modbus RTU**

The jumper location of J3 for Modbus Slave ID change is shown below...



Remove Jumper J3 after ID is changed.

If a factory blue jumper is not available, a strand or small piece of copper wire can be used as a jumper. Loop the bare copper wire around the two bare pins at J3.