



H&W Machine Repair & Rebuilding Inc.

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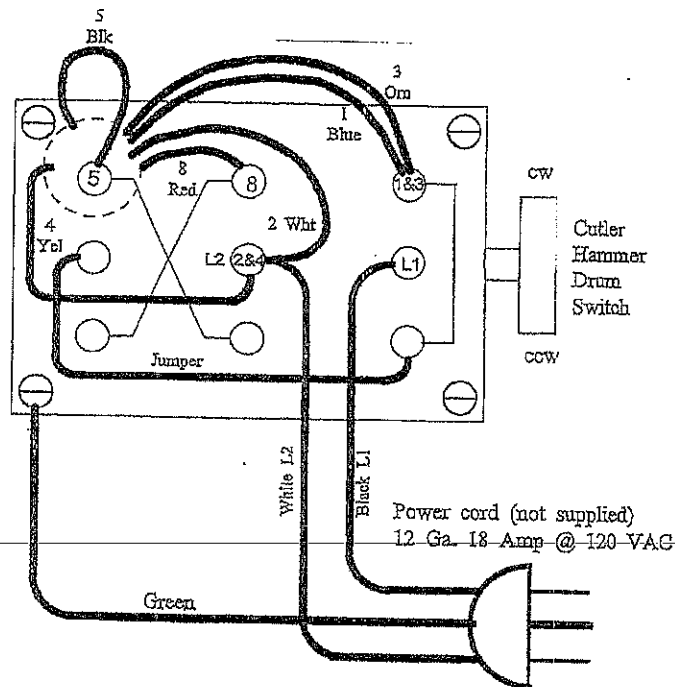
SP2SP-WW Installation Instructions

1. Disconnect the power to the head and lock out.
2. Remove the drum switch from the side of the motor.
3. Remove the motor from the head of the mill.
4. Remove the motor locknuts from the bottom of the motor flange.
5. Loosen the set screw from the motor pulley and remove the pulley from the motor shaft.
6. Remove the two motor locknut studs from the motor flange of the removed motor.
7. Bolt the motor flange onto the new motor using the 4 hex head bolts and 4 lock washers.
8. Install the two motor locknut studs into the new motor flange using the original nuts and lock washers plus the provided flat washers.
9. Slide the motor pulley onto the motor shaft of the new motor approximately 1/8" past the bottom of the motor shaft (additional adjustments may need to be made to align the front and back motor discs).
10. Remove the cover from the side of the new motor to expose the electrical wires.
11. Install the 2 provided 8/32x3/4" socket set screws into the back two threaded holes from the removed cover.
12. Install the motor switch plate by installing the two provided 8/32 flat head screws into the front two threaded holes from the removed cover (the socket set screws will go through the back two holes in the motor switch plate).
13. Pull the wires through the motor switch plate and the switch and slide the switch onto the 4 exposed socket set screws.
14. Lock the switch down by using the 4 8-32 nuts on the socket set screws.
15. Wire the switch per the instructions for the switch you have and voltage (220v or 110v) you desire.

NOTE: YOU MAY BE REQUIRED TO INSERT A HOLE IN THE BACK OF YOUR SWITCH IF YOU DO NOT HAVE ONE ALREADY THERE.

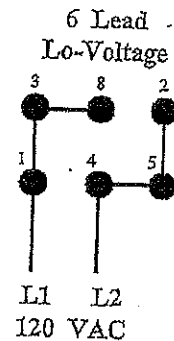
Cuttler Hammer Switch 120VAC Wiring Instructions

Pull the motor wires through the adapter plate. Mount the adapter plate to the motor connection box. Mount the drum switch to the adapter plate then connect the numbered motor leads to the drum switch and power cord using corresponding numbers on the motor diagram.



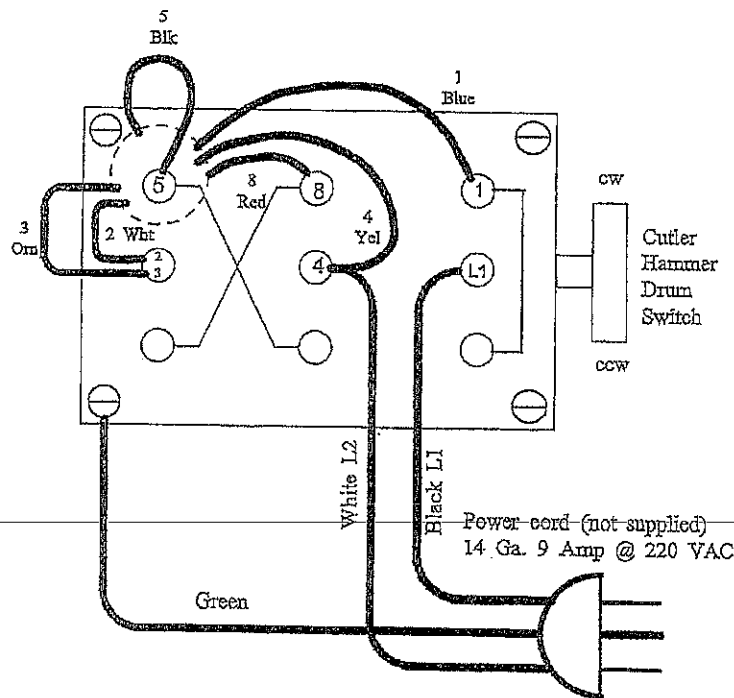
Wire Numbers

- | | |
|------------|------------|
| 1 - Blue | 4 - Yellow |
| 2 - White | 5 - Black |
| 3 - Orange | 8 - Red |



Cuttler Hammer Switch 230VAC Wiring Instructions

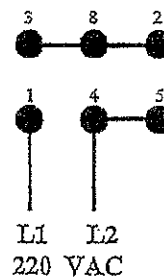
Pull the motor wires through the adapter plate. Mount the adapter plate to the motor connection box. Mount the drum switch to the adapter plate then connect the numbered motor leads to the drum switch and power cord using corresponding numbers on the motor diagram.



Wire Numbers

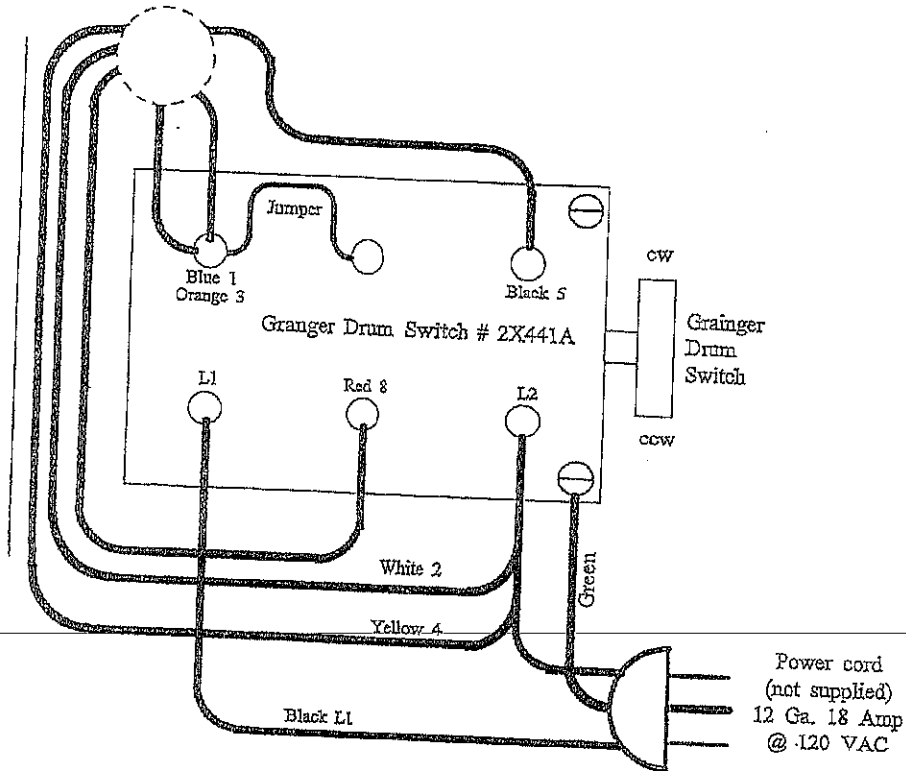
1 - Blue	4 - Yellow
2 - White	5 - Black
3 - Orange	8 - Red

6 Lead Motor Hi-Voltage



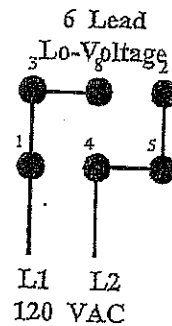
Dayton (2X441) Switch 120VAC Wiring Instructions

Pull the motor wires through the adapter plate. Mount the adapter plate to the motor connection box. Mount the drum switch to the adapter plate then connect the numbered motor leads to the drum switch and power cord using corresponding numbers on the motor diagram.



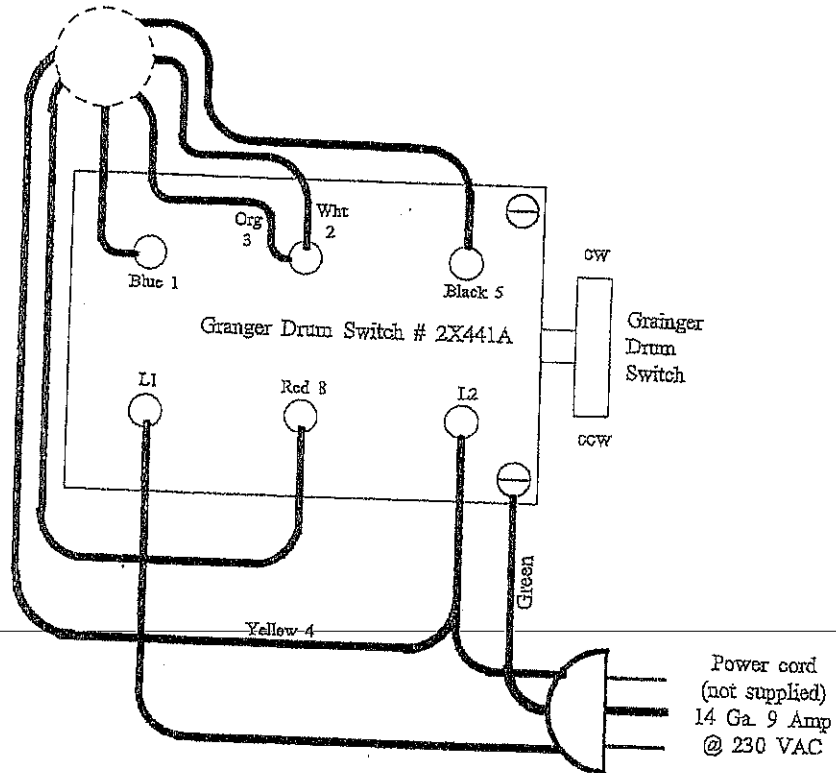
Wire Numbers

- | | |
|------------|------------|
| 1 - Blue | 4 - Yellow |
| 2 - White | 5 - Black |
| 3 - Orange | 8 - Red |



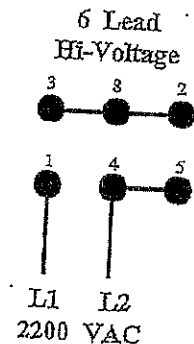
Dayton (2X441) Switch 230VAC Wiring Instructions

Pull the motor wires through the adapter plate. Mount the adapter plate to the motor connection box. Mount the drum switch to the adapter plate then connect the numbered motor leads to the drum switch and power cord using corresponding numbers on the motor diagram.



Wire Numbers

1 - Blue	4 - Yellow
2 - White	5 - Black
3 - Orange	8 - Red

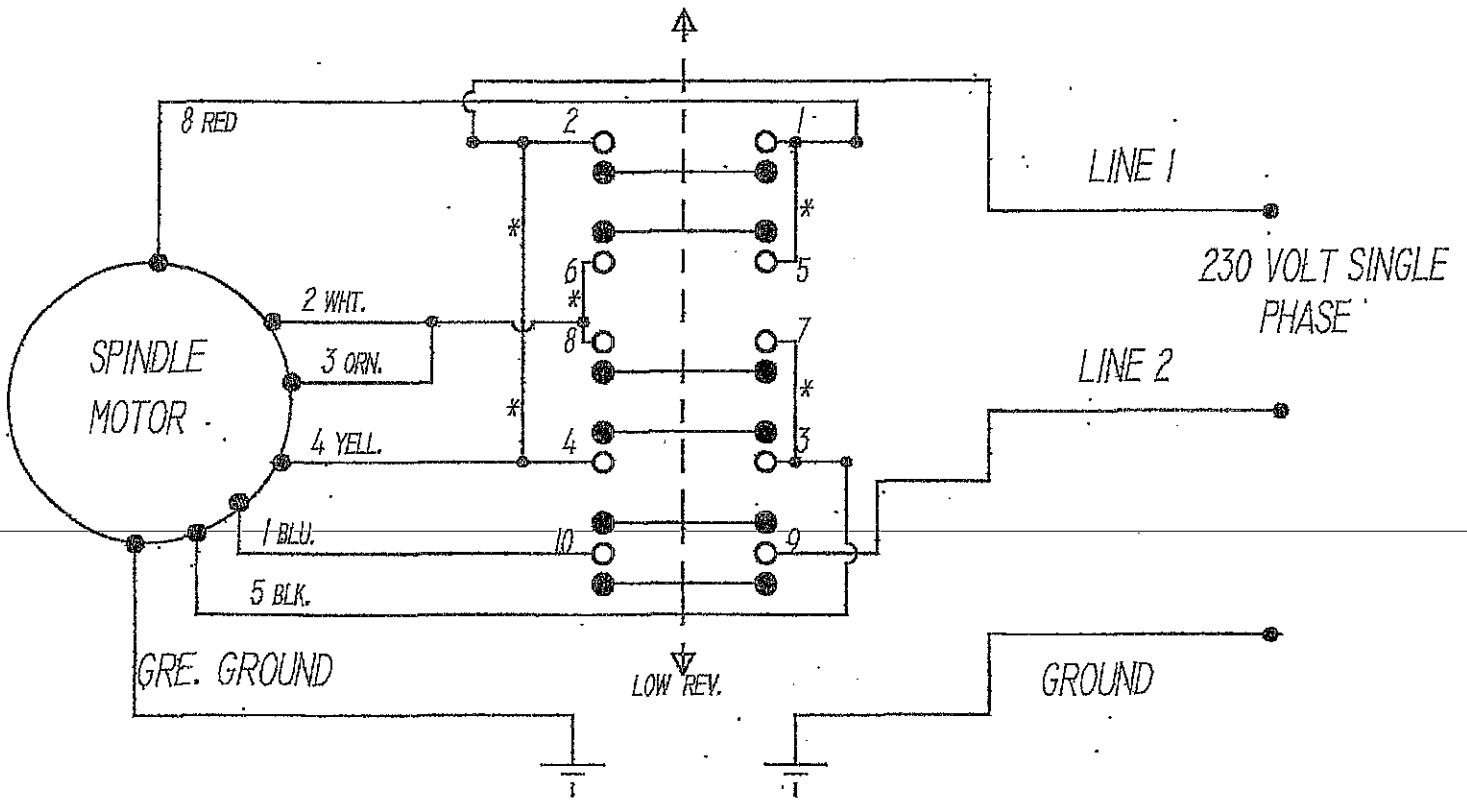


OEM Drum Switch 230VAC Wiring Instructions

Pull the motor wires through the adapter plate. Mount the adapter plate to the motor connection box. Mount the drum switch to the adapter plate then connect the numbered motor leads to the drum switch and power cord using corresponding numbers on the motor diagram.

* INTERNAL JUMPER

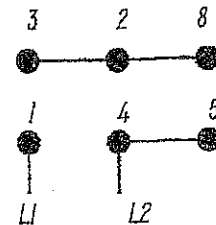
HIGH FWD.



Wire Numbers

- | | |
|-------------------|-------------------|
| 1 - Blue | 4 - Yellow |
| 2 - White | 5 - Black |
| 3 - Orange | 8 - Red |

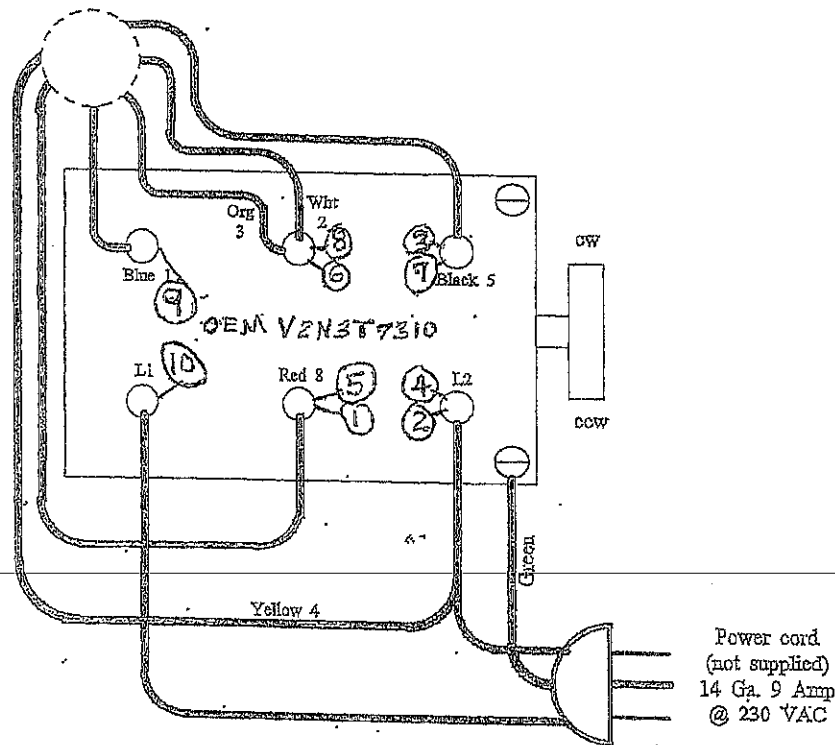
6-LEAD BALDOR HI-VOLTAGE



230 VOLT POWER

OEM Drum Switch 230VAC Wiring Instructions

Pull the motor wires through the adapter plate. Mount the adapter plate to the motor connection box. Mount the drum switch to the adapter plate then connect the numbered motor leads to the drum switch and power cord using corresponding numbers on the motor diagram.



Wire Numbers

- | | |
|------------|------------|
| 1 - Blue | 4 - Yellow |
| 2 - White | 5 - Black |
| 3 - Orange | 8 - Red |

