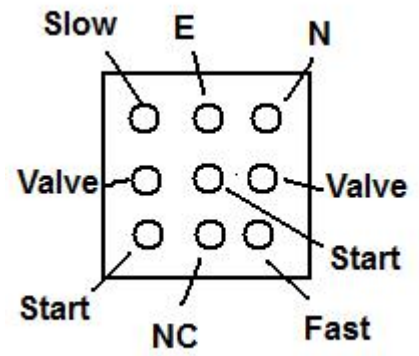


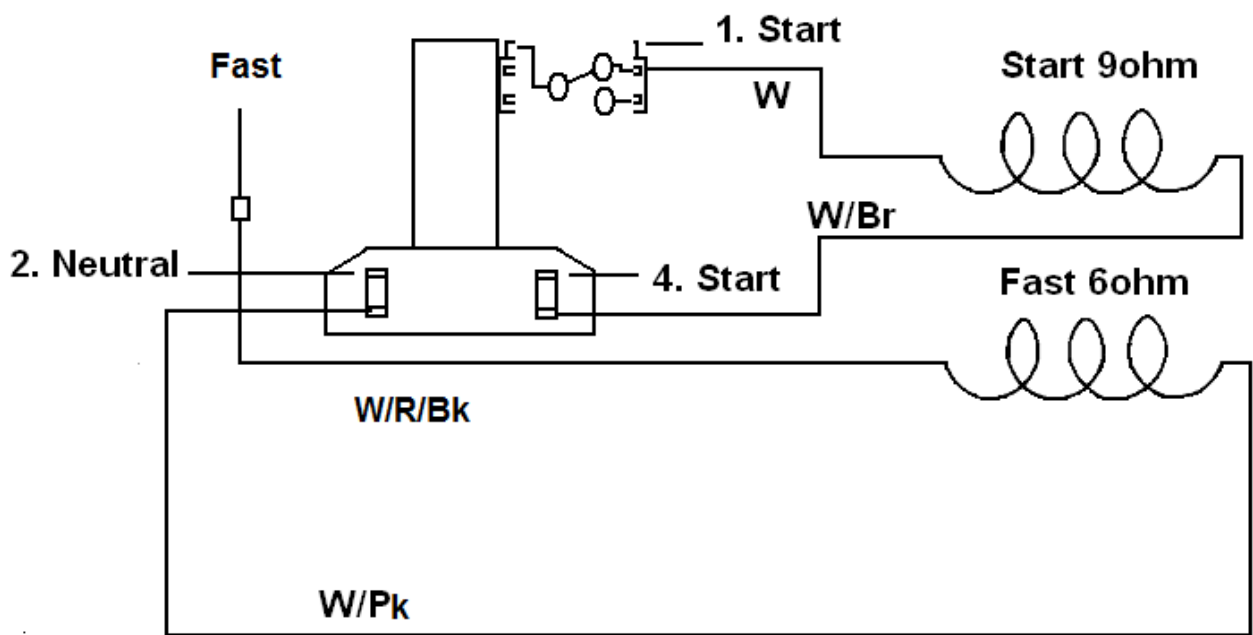
# Additions for updates 2.3A

Add to J-D Page 1



*Hoover plug for 620-920*

Add to J-D



*Hoover 1 Speed motor*

## M1 Update to table

| Model                        | Comment (New feature introduced)   | Motor Details                |
|------------------------------|--|------------------------------|
| Gentle Annie                 | Spade 24V valves, Note 1   | Traditional shaped motor     |
| Blue<br>(Phase 1)            | (Multi-wire display-Mtr PCB) Spade 12V valves,<br>Note 1   | Many magnets<br>42 coils, 3Ω |
| Blue (3wires)<br>(Phase 2)   | Lid switch in display board, long water cooled heat sink   | 14 Magnets<br>42 coils, 12Ω  |
| Green<br>(Phase 3)           | Magnetic reed switch for lid<br><br>Selni pump only,use of Compreci may cause problems   | As above                     |
| Yellow<br>(Phase 4)          | Different method for setting machine size  | As above                     |
| Gray<br>(Phase 5)<br>& Brown | Surface mounted switching transistors (no water cooled heat sink) Small plugs and wires, different motor and 24v water valves. | Magnets<br>coils 32Ω         |
|                              | Pumps Selni 33Ω, Compreci 26Ω<br><br>Error codes from F/P can be downloaded from my web site.                                  |                              |

### Add to M3

#### **Warning: Water**

*Water and High voltage electronic do not mix! It can cause failure to the PCB. Leaking hoses may spray water onto the back of the machine and may get through the vents onto the PCB. If this happens dry the PCB before power the machine up!*

### Add to M3.3

Note: water notes apply only to blue, green, yellow, not to grey, brown PCB.

### Add to M6.2.2

Put a dab of silicone on the gap to prevent them touching again

### Add/Change

#### **M6.6 Error Codes on Power Up**

I have two machines that showed error codes on power up, and could not go into test mode (M4.2).

##### **M6.6.1 Brown Board with error code 110001 (49) ( water valves)**

The water valves tested OK. The last suggestion was motor board replacement, which fix the problem.

##### **M6.6.2 Gray Board with error code 1101000(104).**

Error code 104 referred to error code 106 which was not listed. Also the water had not pumped out and on cleaning the pump the windings was found to be warm. The winding are faulty and the

pump uses excessive electrical current. Replacement of the pump fixed the problem. The machine will not work without the pump connected, the motor control board requires a small load to operate (common with switch mode power supplies) but the faulty windings must have put too much load on it.

**M6.6.3 Gray Board with error code 1101011(107).**

same as M6.6.2

**Add to M7.1.7**

Incorrect fitting of pump can cause the pump to leak at the clip to bowl fitting

**Add to M7.4.1**

The size of the machine may be on the data label or see M9.1

**M9 (updated)**

| Size               | Cabinet Size | Wash Bowl Diameter | Lid width (Magnet for reed SW) | Lid Width (Lid Lock) |
|--------------------|--------------|--------------------|--------------------------------|----------------------|
| 5 – 5.5 kg (Small) | 560mm        | 490mm              | 505mm                          |                      |
| 6.5kg (Medium)     | 600mm        | 520mm              | 545mm                          |                      |
| 7 – 7.5kg (Large)  | 650mm        | 560mm              | 590mm                          | 645mm                |

**Add to end of O3.3**

The genuine belts are slipper than standard belts, if using standard belts use a size larger. They use a number of slightly different belts on different models.

**Add to O**

**O2.6 Coin Slide Removal (SQ coin machines)**

1. Remove the timer cover, O2.5.3.
2. Remove timer (optional)
3. A long hexagonal bolt rod with a bolt at the end screw into the back of the coin slide. Remove. The coin slide should now slide upwards in pear shaped holes and out.
4. There is no access to the coin box except by the coin box key.

**O2.7 Remove outer cabinet**

Do O2.3.1 to O2.3.2 only

This section (O) has been extensive changed, ask me for a copy of the new printout. Purchase of book customers only.

**Add**

**P3.6 Timer/Timer Knob removal**

1. Push the knob in. (off)
2. Using pointy piers pull the ½ moon plastic tab on the rear side of the timer out. This releases the the plastic tab inside the timer knob.. Pull the knob and dial off.
3. Undo the ¼ inch hexagonal screw holding the and slide it sideways to remove.

## 8.2 Forward/Reverse Module Replacement

Electolux/Simpson have produced a new smaller forward/reverse module and it will replace all existing modules except the one with the spade connectors. (628-208-001 AC801) If it is purchased from a dealer it may have instructions with it, if brought at a discount, the instructions are missing.

The new module is 0628 271 101 / 028 200 105 /AMD105. The wiring for the module is for illustration 2 (G2 pages 2), the modules with the 'ID' spade connector in illustration 1 G2 pages 1) will need the 'ID' wire connected to the terminal 'FB' at the capacitor.

Wires:

EA Blue

CA Yellow

CB Black

C White

FB Red (double spade, use to connect 'ID' if required)

