



# MASSO G3 Touch Controller to DC Motor Wiring

## Wiring the DC Motor for the MASSO G3 Touch Controller

This information is for wiring the MASSO Touch Control with the G3 board to our Sherline DC motor.

### Safety Notes

1. The power must be OFF when you are working on any wiring to the control, motor, or speed control.
2. The wiring must be done as shown or you will damage the MASSO control or the speed control.

### Wiring Steps

See the pictures in Figure 1 and Figure 2 as references for the proper wiring.

CC = Control Circuit (3 wires from the MASSO control)

Black to P1

Yellow to P2

Red to P3

MP = Motor Power (4 wires coming from the motor)

Black to A-

Pink (sometimes Red) to A+

G = Ground (2 wires: Green from the motor and Yellow w/Green from the MASSO). Both go to the Grounding screw on the heat sink.

P = Power (2 wires: Orange from the motor and Blue from the MASSO control)

Blue to L1 (power cable from the MASSO)

Orange to L2 (to the Motor)

WN = Wire Nut (2 wires: White from the motor and Red from the MASSO). Connect the White and Red wires with the wire nut.

Thank you,  
Sherline Products Inc.

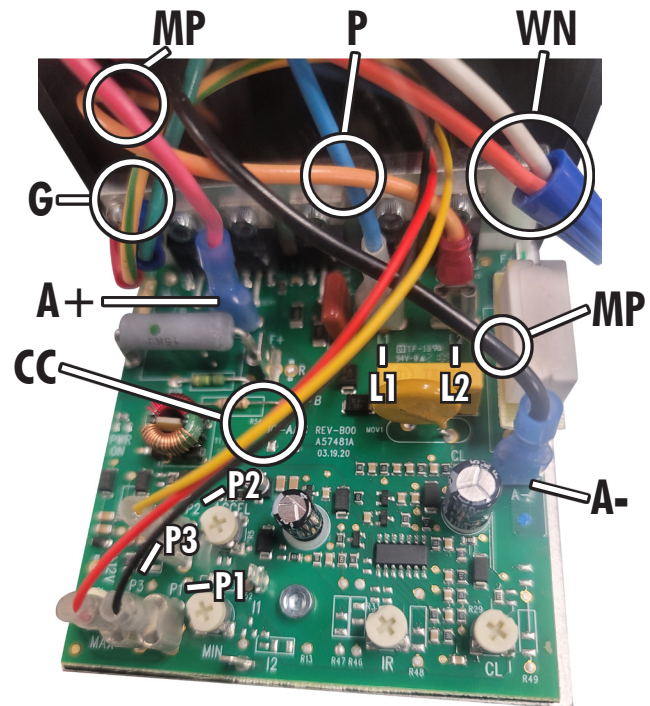


FIGURE 1—The DC motor/speed control board wiring.

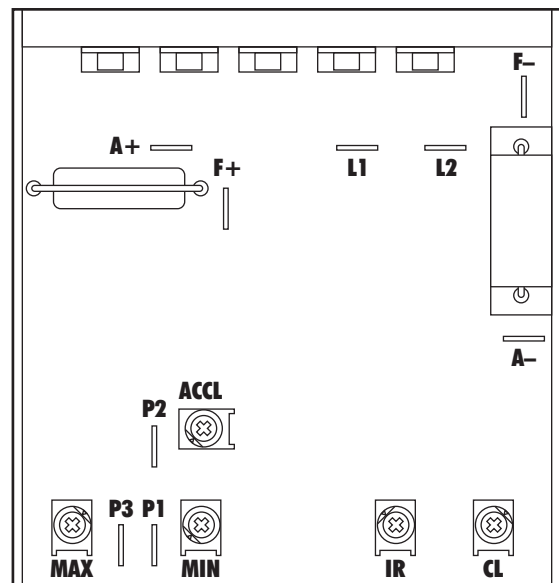


FIGURE 2—The DC motor/speed control board schematic.