




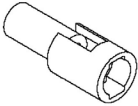
Wiring the Tool Setter and Touch Probe on the MASSO G3 Touch Control

About the Sherline/MASSO Touch Connectors for Tool Setter and Touch Probe


We use single and double Molex connectors because these are standard in the industry. When you receive your Touch Control, we have already supplied these cables with the Molex connectors. Therefore, there is no need for the customer to perform any interior wiring of the touch control. You just plug your accessory wires into the corresponding existing cables.

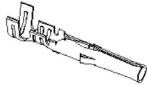
If you have not purchased your tool setter or touch probe from us, below are the connectors that you will need to connect to the supplied control cables..


03-06-1011 molex 	1. Single-pin Molex connector Mouser# 538-03-06-1011 (03-06-1011 Molex Mouser)
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03-06-2011 molex 	2. Single-pin Molex connector Mouser# 538-03-06-2011 (03-06-2011 Molex Mouser)
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03-06-1023 molex 	3. Pin & Socket Molex Connectors 2 CIRCUIT RECEPTACLE. Mouser# 538-03-06-1023 (03-06-1023 Molex Mouser)
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03-06-2023 molex 	4. Pin & Socket Molex Connectors 2 CKT PLUG NATURAL Mouser# 538-03-06-2023 (03-06-2023 Molex Mouser)
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02-06-1103 molex 	5. Pin & Socket Molex Connectors CRIMP SKT BULK 18-24 Mouser # 538-02-06-1103 (02-06-1103 Molex Mouser)
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02-06-2103 molex 	6. Pin & Socket Molex Connectors CRIMP PIN BULK 18-24. Mouser # 538-02-06-2103 (02-06-2103 Molex Mouser)
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Wires for the Tool Setter

There are two wires for the tool setter (see Photo 1 on the following page). The ground (alligator clip) goes to the female Molex connector "F" and the tool setter wire goes to the male Molex connector "M."

NOTES:

1. The MASSO Touch control that you purchase from us already has the 5.6k ohm resistor installed.

2. If you buy your own tool setter, the two wires create a ground loop. Therefore, it does not matter which wire you connect to.

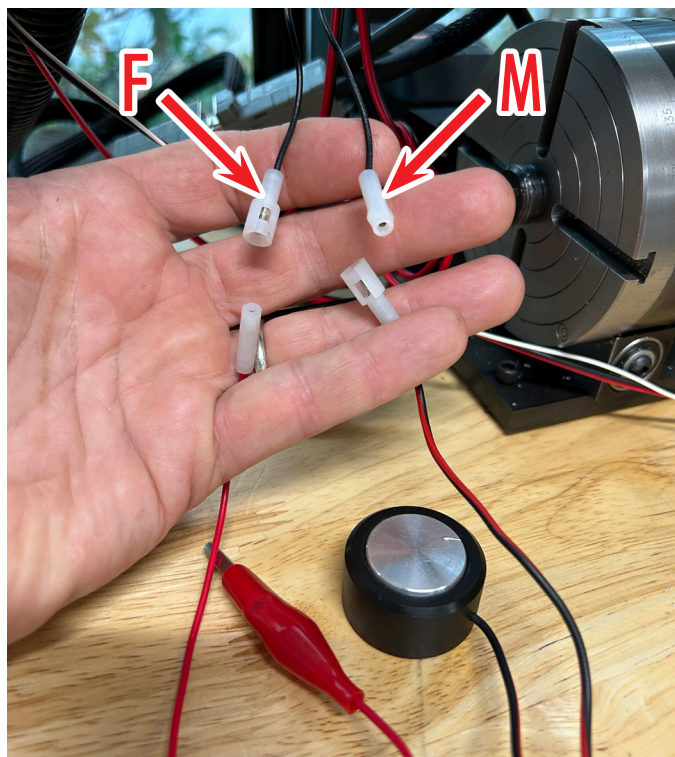


PHOTO 1—The F and M designations refer to the female and male Molex connectors.

Wires for the Touch Probe

The wire for the Touch Probe has a 2-wire Molex male connector on it (see Photo 2).

NOTES:

1. The MASSO Touch control that you purchase from us already has the 5.6k ohm resistor installed.
2. When you buy your touch probe it will need to be wired correctly. The red wire is the positive wire and the black wire is the ground wire. Be sure that the connector that you put on your touch probe is wired correctly.

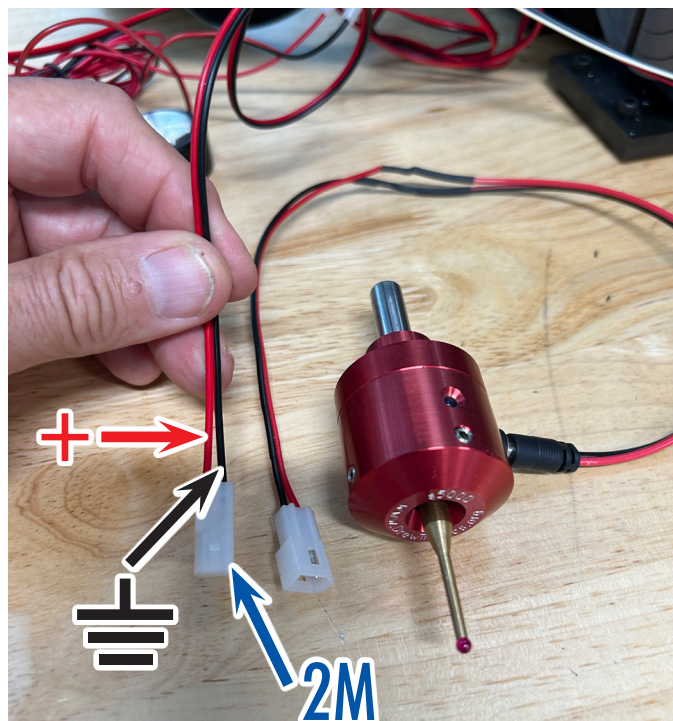


PHOTO 2—Red is positive, black is ground, and blue refers to the 2-wire Molex male connector.

Thank you,
Sherline Products Inc.