

J72MA Installation Guide for Mazzer Super Jolly and Mini Automatic Version.

Note: Please read through the entire guide before attempting any kind of installation.

Disclaimer:

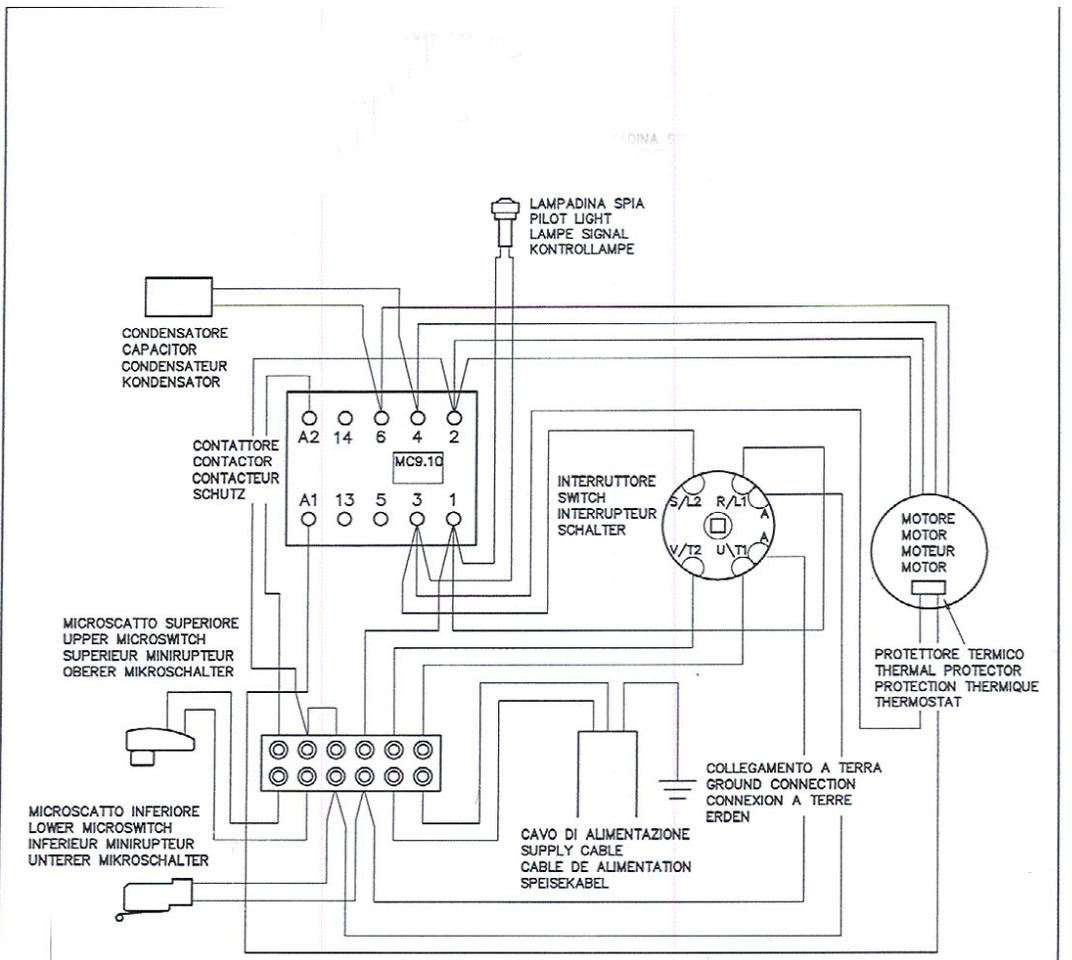
The modifications of Mazzer Super Jolly and Mini Grinder involve tampering with high-wattage electrical circuits, which could result in electric shock, burns, other serious personal injury or death, as well as fire, explosion and other property damage. This kit is for users with proper electrical safety knowledge only. Attempting to access your grinder machine will void its warranty. You, the user, will assume full responsibility for any modifications undertaken. Auber Instruments Inc is not liable for any damage caused to your property as a result of improper use.

A. Tools needed: Flat and Philips screw driver, electric tape, cable ties.

B. Parts Identification.



C. Understand the principle of the modification.



Automatic version
 SJ-Mini all single phase versions: 220-240V/50Hz/1ph
 110V/60Hz/1ph
 220V/60Hz/1ph
 100V/50-60Hz/1ph

1	Eliminate versioni MJ	6/12/04	Manente	Manente
N. No.	Modifiche Modification	Data Date	Prep./Verif. Prep./Check.	Approv.ne Approval



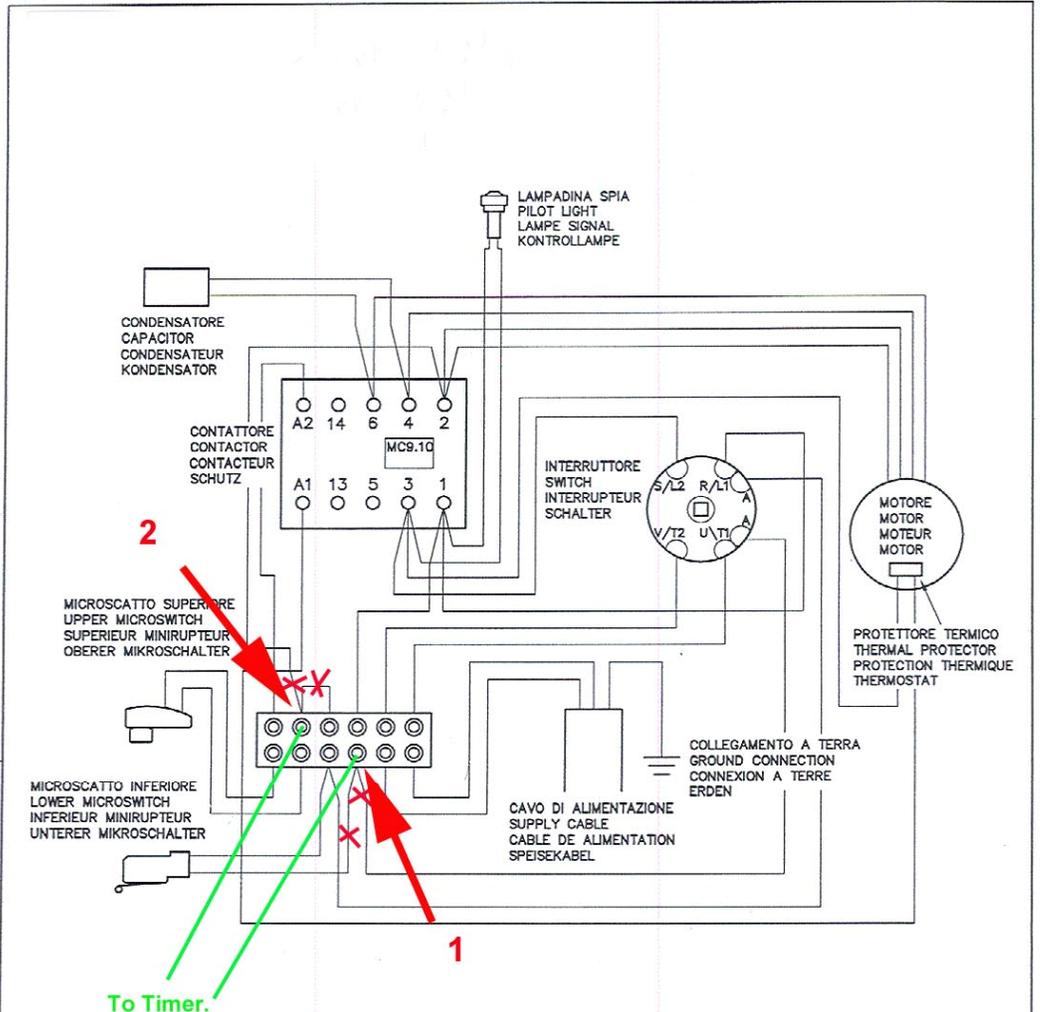
Quote senza indicazione di tolleranza: - Dimensioni LINEARI Dimensioni ANGOLARI MEDIO - UNI ISO 2768/1 - Tolleranze GEOMETRICHE Classe H - UNI ISO 2768/2	Materiale Material	Scala Scale	1/2/99
	Trattamento Treatment	Prep./Verif. Prep./Check.	
Denominazione Denomination	Versione automatica SJ-Mini, tutte le versioni		Approv.ne Approval
Sostituito dal	Disegno Drawing		
Sostituisce il	SJA01 000		
Rif. fornitore			

2: \...SJA01

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Formato A4

Figure 1. Circuit diagram for Mazzer Super Jolly and Mini Automatic Version.



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Figure 2. The arrows mark the terminals where the wires need to be replaced. The red crosses indicate the wires to be removed from terminals. The exposed copper at the end

of removed wire should be covered with electric tape or insulated wire end cap. The green lines represent where the new cables supplied with Auber controller to be installed.

D. Procedure

Step 1. Unplug the machine. Remove the hopper. Put some padding material on the table. Then, lay the grinder on the left side. Remove the five screws indicated in Fig 3 and open the bottom.

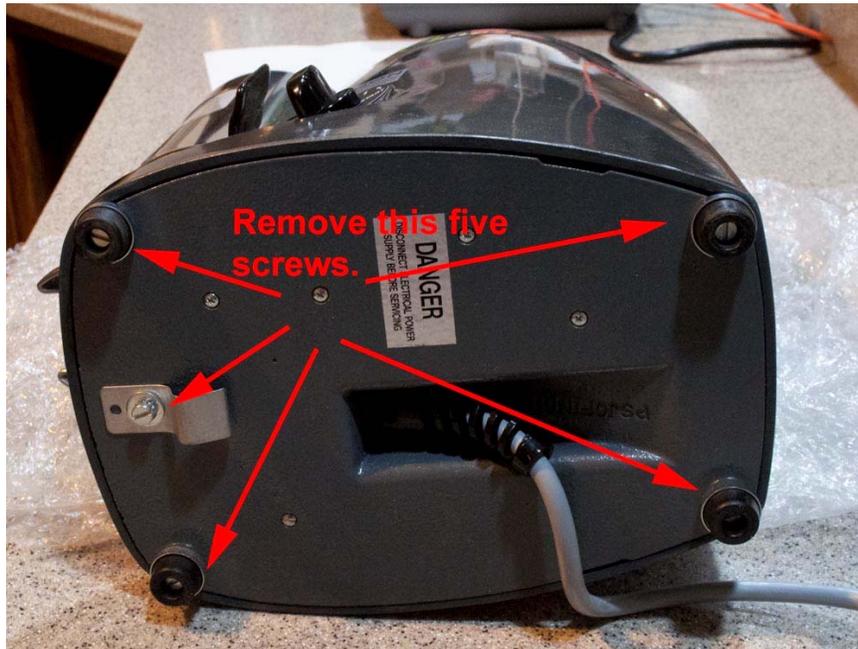


Figure 3 shows the screws to be removed.

Step 2. Identify the cable, contactor and terminals by comparing Fig 4 and Fig. 2. The arrow #1 and #2 are pointed to the same terminals in both figures. Loosen the cable tie first for easy access to the cables. Remove the red and black wires at Arrow #1 terminal by loosening the screw. Remove the two brown wires at Arrow #2 terminals by loosening the screw. Use electric tape to wrap electric tape on the tip of the wires that were just removed. The tape is very important for the brown wire that has the other end connected to the terminal 2 of the contactor (it is the "6") in the "Timing the Automatic Version of Mazzer Automatic Grinder" guide.

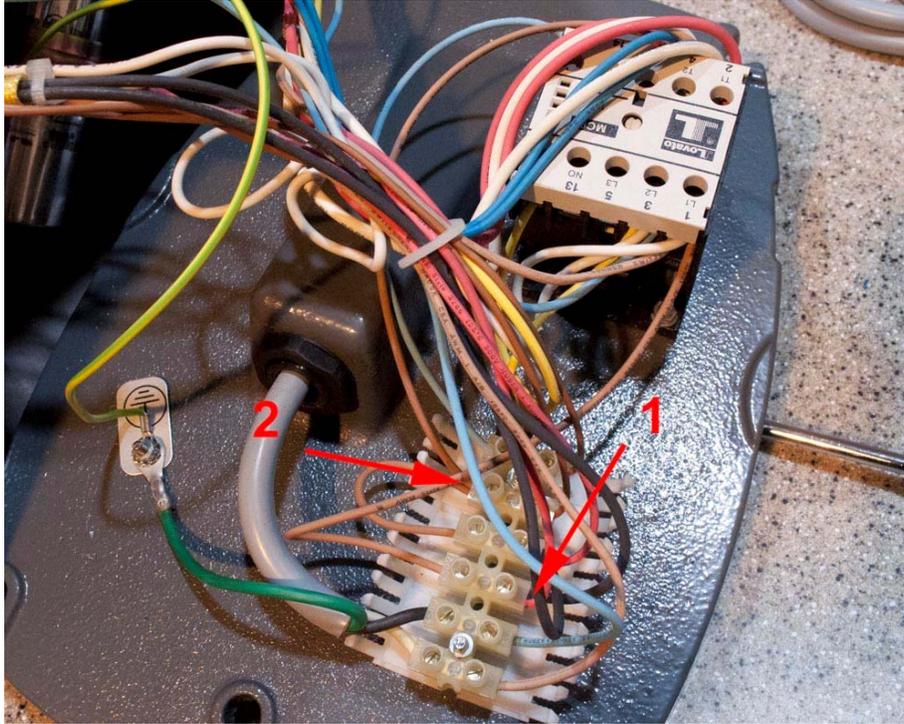


Figure 4. Inside view of the bottom plate. The top is the contactor. The bottom is the wiring terminal block.

Step 3, Install the new cable supplied with the Auber controller. In Figure 5, the red arrows point to the green terminal pins of the cable. All the exposed wires are covered with electric tape.

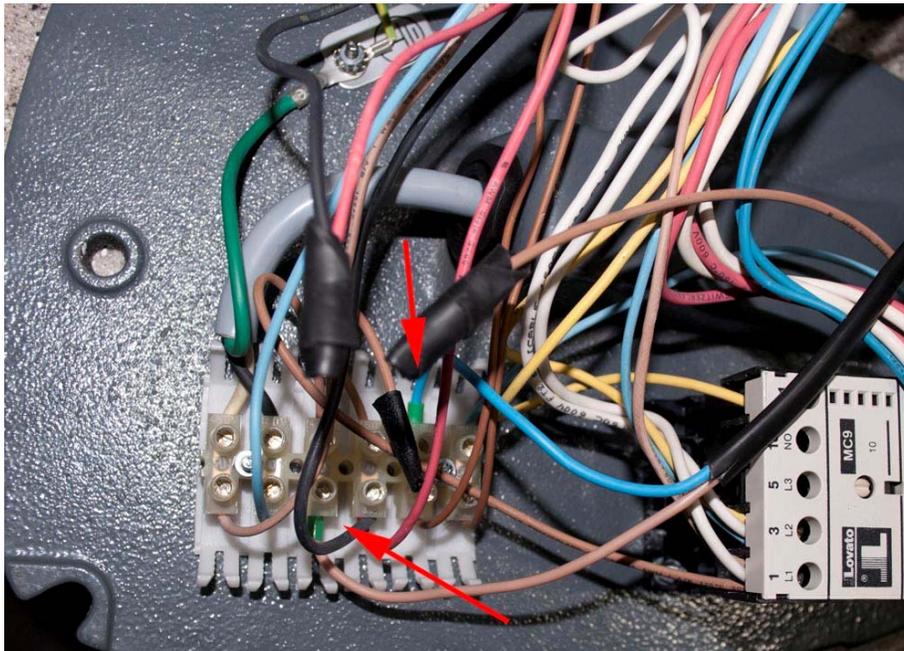


Figure 5. Wires are placed. See text for details.

Step 4. Prepare for the closing up. Wrap up all the cables with the cable tie (Arrow #1). Arrow #2 indicates where the control cable will exit the bottom of the machine. Note the small notch on the metal base plate. Install a cable tie onto the cable at the place right before it exit the machine as shown by the Arrow #2. The tie is to form a stop when the cable is pulled from outside. It prevents the cable from being pulled out. Arrow #3 shows the electric tapes on the wire tips that were removed from terminal block. For the four wires removed from the terminal block, three of them will not carry any electricity in the future. The only one that will become hot is the one connected to the contactor ("6"). If you feel that you will not reverse the installation in future, you can remove the other end of the wire from the contactor to make the system safer and neater.

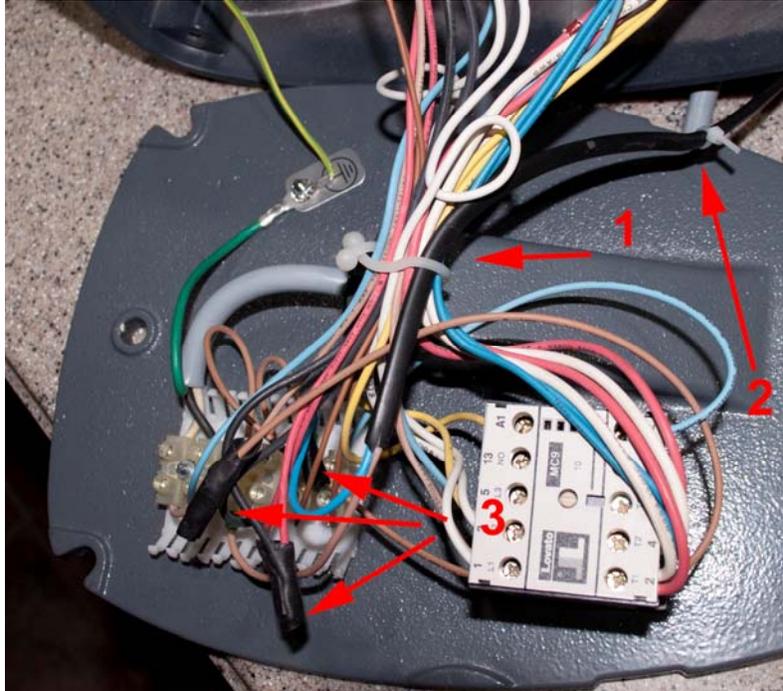


Figure 6. Final preparation before closing the machine. See text for details.

Step 5. Finish up. Carefully put the base plate back to the machine. Make sure control cable exit at the notch of the base and all other wires are in the places where they are supposed to be. Install the five screws that were removed previously. Fig. 7 shows how the bottom should look after the cable installation.

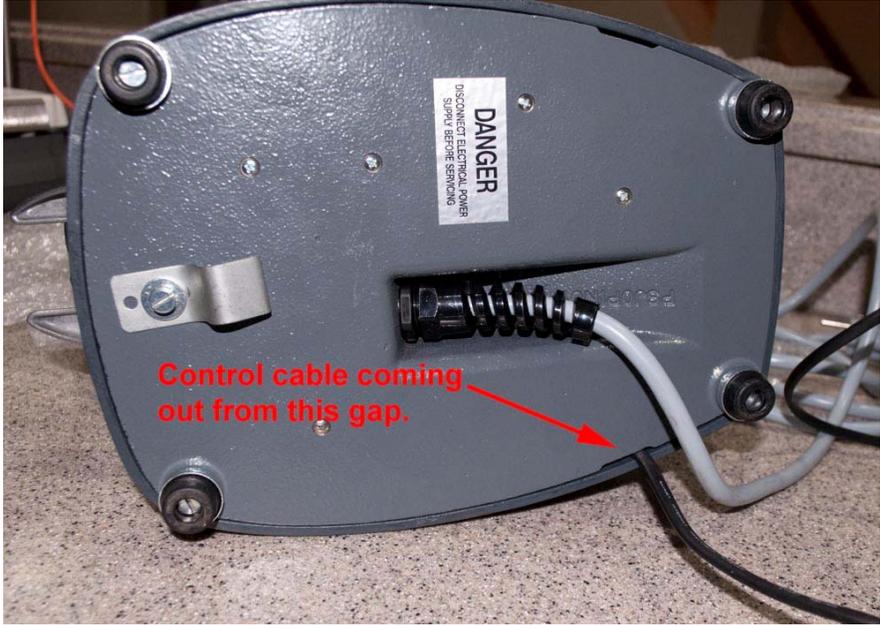


Figure 7. Bottom view after modification