
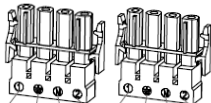
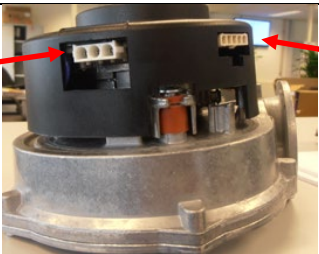
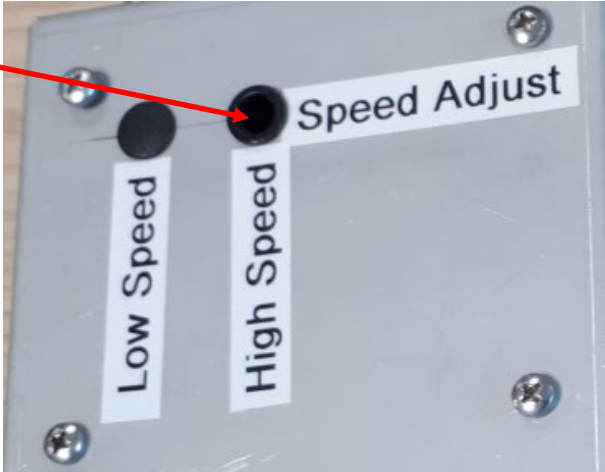


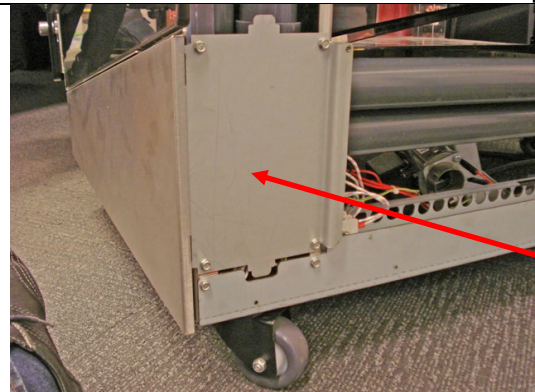
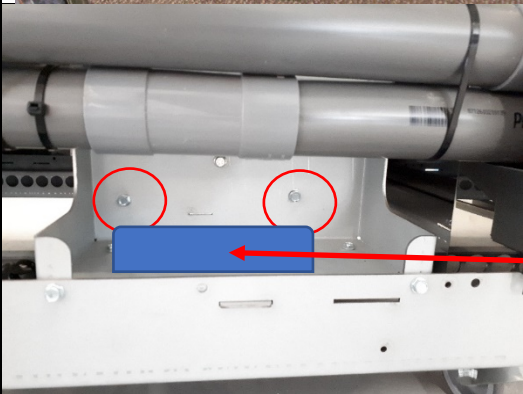
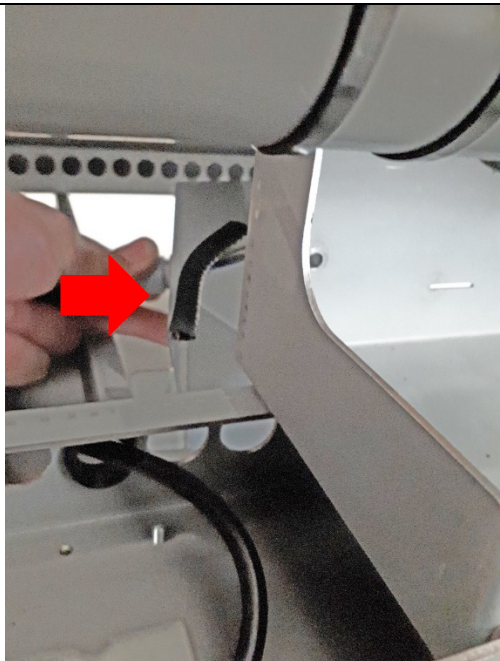
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Mounting instruction

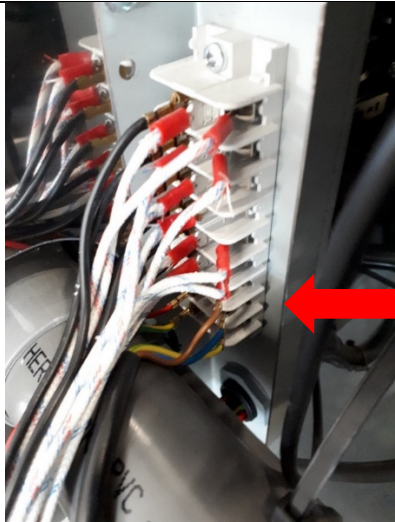
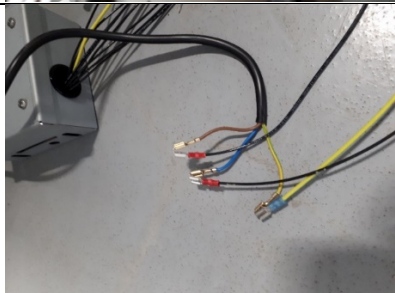
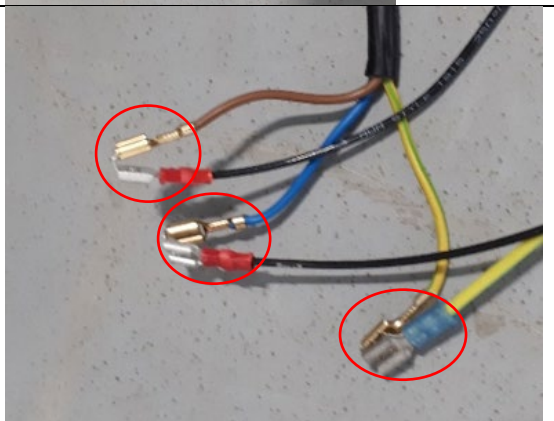

Speed control box for MD blower motor.

Overview of total adjustments to be made, parts involved		
<p>Input:</p> <p>L wire (brown) N wire (blue) Earth wire (yellow/green)</p> <p>To connect to 230V AC input</p>		<p>Output:</p> <p>Two Molex connectors (5 way) to connect to speed control input of motor</p> 
<p>Existing power supply connector</p>		<p>Connector for speed control box</p> <p>This connector is visible from the back side</p>
<p>Pot meter to adjust motor speed</p>		<p>Pot meter can be adjusted with a small screwdriver</p>

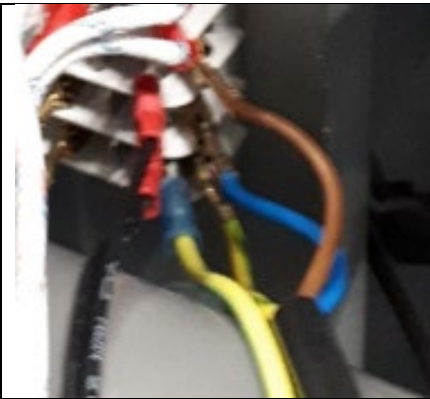
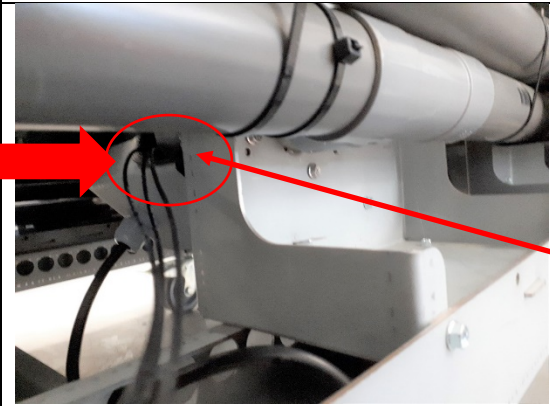
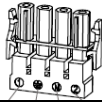

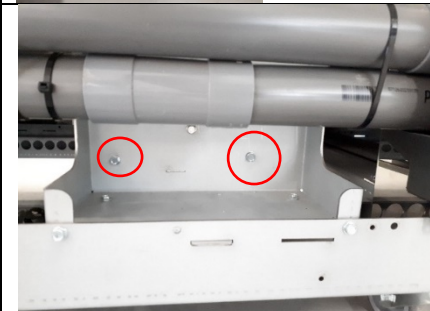
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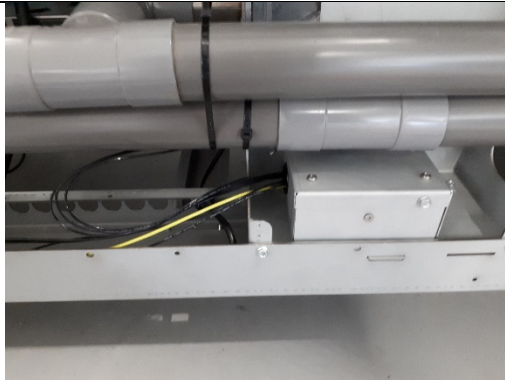
Steps to take	
	<p>1. Remove the top cover, the magnet holder profile (pass through only), and all the black cover plates on the backside . Refer to MD service manual 9123792</p> <p>Remove connector block cover (4 screws)</p>
	<p>2. Remove the bolts pointed out, which holds the cover(back side) of the blower motor</p> <p>This plate does not have to be removed.</p> <p>(Position for Speed control box)</p>
	<p>3. Put the edge protection profile on the inside of the cover plate of the fan (9224726)</p> <p>This protection is to prevent the new wiring to get damaged.</p>

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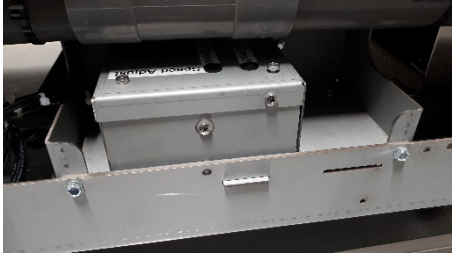
	<p>4. Take a look at the connector block</p> <p>Remove the 3 blower wires (yellow, blue, brown).</p>
	<p>5. Connect the cable lugs of the blower in parallel with the cable lugs of the regulator box. (blue on wire 2 , brown on wire 1)</p>
	<p>6. Reconnect the cables as shown</p>
	<p>6. Connect the brown wire on top, Blue wire in the middle and the earth wire at the lowest connection.</p>

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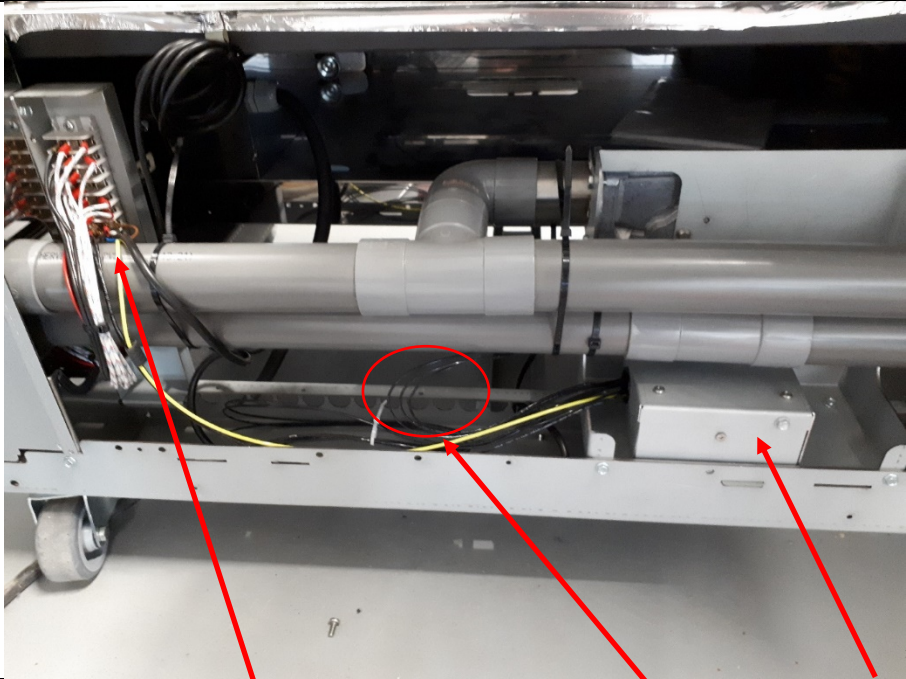
		Result
		7. Make sure the box is closed, If not, use bolts M4 (2 sides)
		8. Connect the Molex connector (1) to the blower motor. When two blowers are build in use other Molex connector (2) for second blower. (Connector visible from the back side) 
		9. Use the double sided tape to place the box on the mounting bracket
		10. Place the Bolts removed in step 2 back to fasten the blower motor cover



11.
Mount box in place, using double sided tape



Result



New wiring on connection block

New additional wiring to blower motor

Speed control box

12.
Close unit, by placing all panels removed back into their position.

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Electric connections (MD with one or two blower motors)

