

“Service Tip”



M9 & M11 PC Boards What to Check

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There are just a couple of things you need to check before and/or when you replace a PC board.

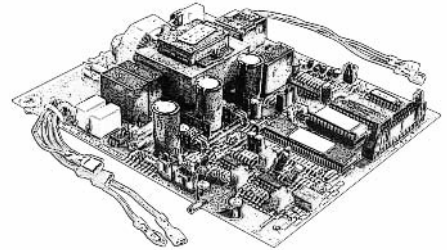
1) Check the Pulse Solenoid Ohms. If the Ohms are much lower than ~14.6 on the M9 (Blue coil) or ~11.6 Ohms on the M11 (Black coil) then the Pulse Solenoid is bad and will damage the PC Board.

2) Check for a bad ground connection at the PC Board or a missing/loose screw that is used to mount the PC Board to the mounting plate. Either of these conditions can cause the fill solenoid valve to continually fill the chamber with water thus staying in the fill mode and not going into the sterilize mode.

3) Check the Water Level Sensor. A bad Water Level Sensor will do the same thing as a bad ground connection. Keep in mind that if the sensor is not tight, the insulated inserts can take on water and fail to insulate thus causing the PC Board to “think” that the chamber is full of water. In this case, the sterilizer will overheat resulting in a 001 Error Code.

4) Check the Heater Elements. The M9 and M11 heater elements should read ~10 Ohms. And from ground to one tab of the heater should read OPEN. If the heater is shorted, it will cause damage to the PC Board.

Any questions, please feel free to contact Tech Support at (800) 221-9723 ext 135, or e-mail to techsupport@rpiparts.com. We can help.



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