



# PM CHECKLIST

**Sterilizer PM Kit (RPI Part #TUK131)  
for parts to fit 3850 E/M & 3870 E/M sterilizers**

PART	RPI PART #	STERILIZER PM TIP
<input type="checkbox"/> Door Gasket	TUG074	Remove the old door gasket. Clean the gasket channel in the door and the chamber face. The door gasket has a slight taper. The wider side is inserted into the door first. <b>Gasket Installation Tip #1</b> - Lubricate gasket with soapy water before inserting into gasket channel. <b>Gasket Installation Tip #2</b> - For easy install of the new gasket, use the "North-South-East-West" method (i.e. begin installing the gasket at the top of the door, then install the bottom, then the right side, then the left side, and then everything in between making sure that the gasket fits flush without bumps or gaps).
<input type="checkbox"/> Chamber Filters (Mesh Style)	MIF062	Most of the older sterilizers may not have chamber filters at all. Remove all trays and the rack from chamber. Clean the chamber, then remove the old chamber filters if present. Install the new filters. Reinstall rack and trays. <b>For all manuals sterilizers</b> - The filter at the top position serves as a filter for the steam to the air jet valve, safely valve, control thermostat and the pressure gauge. The filter at the bottom position serves as a filter for the steam to the fill and vent positions of the multi-purpose valve. <b>For all electronic sterilizers</b> - The filter at the top position serves as a filter for the steam to the air jet valve, safely valve and the bellows solenoid valve. The filter at the bottom position serves as a filter for the steam to the fill and vent solenoid valves.
<input type="checkbox"/> Rubber Boot For Door Switch	TUB072	Use of the rubber boot for door switch may prevent early switch failure by protecting the switch from steam. Remove the old rubber boot, if present, and install the new rubber boot. If installing for the first time, remove the door switch inner panel nut and only use the lock washer on the door switch. The new rubber boot has a panel nut built in and is used to tighten the door switch. Make the necessary adjustments to the door switch activator after you have installed the boot.

PART	RPI PART #	STERILIZER PM TIP
<input type="checkbox"/> Door Bellows	TUB019	The door bellows assembly is located inside the cavity of the door, which is engaged by the closing device. Remove the housing bolt by using a wide flat blade screwdriver and then the door bellows assembly should slide out by pulling the pin. <b>Service Tip #1:</b> Use compressed air if the assembly is hard to remove and the pin came out by itself. Use an air hose or caned air and apply pressure to the small hole on the inside of the door. <b>Caution:</b> At this time, the bellows assembly will be under a great deal of pressure and will project itself out of the cavity with a great deal of force. <b>Service Tip #2:</b> Use extraction if the assembly is hard to remove and the pin came out by itself. Use an extraction tool or any 4" long drywall type screw. place the screw into the bellows and turn the screw until it bottoms out or until the screw locks into the brass bushing and pull the assembly out. Take note of the order of all the parts and reassemble in the same order. Tighten the housing bolt, it needs only to be snug.
<input type="checkbox"/> Air Jet Valve (Red Top)	TUJ033	Remove the old air jet valve using a 10mm wrench. Remove any old Teflon tape or debris from the valve holder. <b>Air Jet Valve Installation</b> - It's best to use 1/4" wide Teflon tape for this job. Install the new air jet valve flush into the valve holder. Be sure the wire moves freely. <b>Service Tip:</b> It is necessary to remove any accumulated dirt and debris. A dirty air jet valve can cause failed spore test. For best results, move the wire back and forth ~10 times at least once a week or during refilling of the water reservoir.
<input type="checkbox"/> Sterilizer	-	After replacing the PM parts: <ul style="list-style-type: none"> <li>• Check the reservoir and clean if dirt or debris are present (Note: Debris is the number one reason for Steam Trap/Bellows failure).</li> <li>• Refill reservoir with distilled water only.</li> <li>• Conduct a temperature check using a Max Register Thermometer (RPI Part #RPT113).</li> <li>• Conduct a pressure check to identify any leaks that may need to be addressed.</li> </ul>
<input type="checkbox"/> "PM Kit" Sticker	-	For future PM planning, write the RPI PM Kit Number and date on the PM Kit sticker included in this Kit, and place on the sterilizer in a visible location.



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