



Preventative Maintenance Reference Guide

Spark Igniters - Make sure that the push button igniters are secured tightly to the top of the motor housing cover. The spark generators should be positioned 1/8th of an inch above a hole on the burner and should be clean, free of grease and carbon and not damaged. Check that the ignitor wires are not damaged and are secured tightly into the end of the push button igniters located on the top panel of the motor housing. If these steps have been preformed and igniters do not produce a spark to ignite your burners, they may need to be replaced.

Gas Control Knobs - Remove plastic control knobs and apply a lubricant such as WD-40 to gas control valve. Spin in both directions and push in and out a couple times to be sure the lubricant has penetrated, and knobs turn and push easily.

Thermocouple - A thermocouple is made up of 2 wires covered by a metal housing. When heated the wires produce an electrical charge which travels to the gas valve allowing the flow of gas to the burners. If your burners wont stay lit its a good chance your thermocouple is damaged and needs to be replaced. Make sure that your thermocouple is clean and free from any carbon or grease and that it is positioned above the flame. Also Check that the wire from the gas valve to the thermocouple is not damaged or kinked.

Burners - When the burners are lit the flame should be clear blue. If your flame is yellow, there is a blockage in your burner, and you are not getting proper gas/air flow which will jeopardize the efficiency of your roaster. Undo the gas lines from the burner and remove burner from the roaster. Tap the open end of the burner gently on a hard surface to remove any built-up carbon inside of the burner tube. While the burner is removed clean out the bug screen with a wire brush to remove any build up of any debris and allow for proper air flow. Check each hole in the burner for blockage, use a toothpick to unclog any debris. Reassemble and adjust airflow as needed until you have achieved a clear blue flame.

Gas Lines - We Recommend these steps to be preformed by an approved propane/gas engineer annually. Remove the gas lines from the gas valve and burners. Do not mix up which side the lines came from as they are custom fit to the left and right burners. Visually check each gas line for cracks or other damage. If you notice any damage the gas lines need to be replaced immediately to avoid damage to your machine or person. Wrap the threads of the gas valves with thread sealant and reconnect. Make a 50/50 solution with liquid soap and water. Spray this solution on all gas line joints. Connect a gas Cylinder and turn the burner on, checking one side at a time. Check each gas line joint for bubbles. If you see bubbles, try tightening the connections slightly. If bubbles do not cease, contact PigOut.

Motor - Check that the motor spins freely and smoothly. Align and tighten the pole socket for proper pole position in the motor. Tighten and lubricate the bearings at the opposite end where the pole rests. Ensure that the electrical cord and plug end is not damaged. With the pole positioned in the socket visually inspect that your pole is not bent and spins smoothly in the bearings.

Glass Panel - Make sure that the glass panel fits snug into the track on the door. Re-align if needed and tighten. **DO NOT OVER TIGHTEN** as this will cause the glass to shatter.

Screws/Nuts/Bolts - Walk around the machine and tighten all screws and nuts. Make a note of any that are missing as they need to be replaced to avoid damage to the roaster.

Axel/Handle - Tighten the axel handle so that the handle moves freely but doesn't fall over when upright. Apply grease to the grease nipple on the axel so that the machine can turn smoothly.

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Tires - Check that the tires are not damaged. Check tire pressure and inflate to 25/28psi. Apply grease to the grease nipples.

Drain Valve - Check that the drain valve is operational and does not leak. Clean and apply grease as needed.

Welds - Visually inspect the welded seams of the roaster for cracks or damage.

Accessories - For optimal use of your roaster check that all of your accessories are clean and in working order. Check that you have 2 four-prong clamps, 2 spine clamps, 2 triangle leg braces, 4 wingnuts, 2 flat washers, all collar screws and red T-handle tool. Check that your collar screw heads are not stripped and that the welds on your carving tray handles are secure.

Clean and Polish - This is the most important step in your roasters preventative maintenance. Annually you should clean your roaster with a heavy-duty oven cleaner or degreaser to remove any built-up carbon, grease and debris. Polish using a soft cloth and stainless-steel polish. Following these steps will leave your roaster looking like new and ready for your next use.

Contact PigOut for a replacement spares kit including 6 collar screws, 2 wing nuts, 1 flat washer, T-handle tool, replacement thermocouple, 1 plastic gas valve knob and 1 spark ignitor.

DO NOT ATTEMPT TO ADJUST ANY PART OR ITEM WHICH HAS BEEN SEALED BY THE MANUFACTURER (i.e. gas valve, motor). ANY MODIFICATION TO THE ROASTER MAY BE DANGEROUS AND WILL RENDER ANY WARRANTY NULL AND VOID