



Regulator Replacement Manual

Parts Needed: New Regulator



Tools Required: 2 Adjustable Wrench



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19000453A0

1



Turn all of the main burner control knobs to the OFF position.

2



Turn the propane tank gas valve clockwise to the OFF position.

3



Remove the regulator coupling nut from the propane tank by turning the coupling nut counter-clockwise.

4



Remove propane tank from grill

5



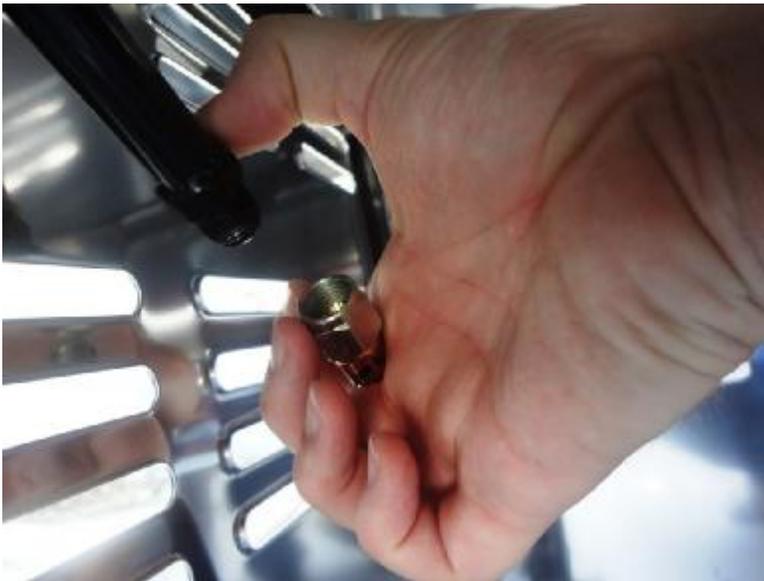
Locate the opposite end of the regulators gas hose where the brass fitting connects to the manifold.

6



Using an adjustable wrench, disconnect the brass fitting by turning it counter-clockwise. Secure the manifold using another wrench, while disconnecting the brass fitting.

7



Dispose of the old regulator and gas hose.

8



Attach the new regulator gas hose by turning the brass fitting clockwise onto the manifold until it is hand-tight.

9



Using the two wrenches, tighten the brass fitting onto the manifold. Do not over-tighten the connection.

10



Place the propane tank into the opening in the propane tank compartment and re-attach the regulator coupling nut to the propane tank by turning it clockwise.

11



Prepare a 50/50 solution of water and ammonia-free dish detergent. Prepare the solution to be applied by using either a spray bottle or a brush."

12



Apply ammonia-free soapy water solution to the regulator hose, and relevant connections using your chosen application method.

13.



Make sure to coat the entire length and both ends of the hose attached the regulator.

15.

If growing bubbles appear in the soapy water solution the connections are not properly sealed. Check each fitting by tightening, and check again with soapy water solution.

Repair may include replacement of parts. If you cannot repair the unit immediately by tightening the connections, turn off the gas tank and call technical support at 1-800-913-8999 and use option 1.

Do not use the grill while it has a leak in the gas system. It is unsafe for operation during this time. If no leak is discovered, you may move to the next step in this instruction manual.

14.



Open the propane tank gas valve by turning it counter-clockwise until it will no longer turn.

16.



Ignite the burners in accordance with the instructions in the Owner's Manual



Regulator Reset Instruction Manual

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1.



Turn all of the main burner control knobs to the off position.

2.



Turn the propane tank gas valve clockwise to the off position.

3.



Remove the regulator coupling nut from the propane tank by turning the coupling nut counter-clockwise.

4.



Set the regulator, coupling nut, and gas hose aside.

5.



Turn all of the burner knobs to the 'ignite/high' setting for 10-15 minutes in order to bleed any gas from the gas line.

6.



Turn all of the main burner control knobs to the off position.

7.



Re-attach the regulator coupling nut to the propane tank by turning it clockwise. Open the propane tank gas valve by turning it counter-clockwise until it will no longer turn.

8.



Ignite the burners in accordance with the instructions in the Owner's Manual.



Leak Test Instructions

Parts Needed: Phillips head screwdriver



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Leak Test Instruction For Regulator Assembly

1.



Prepare a 50/50 solution made of water and ammonia-free dish detergent. Prepare the soapy water solution to be applied to parts using either a spray bottle or a brush.

2.



Place the propane tank into the opening in the compartment for the propane tank and attach the regulator coupling nut to the propane tank by turning it clockwise.

3.



Apply the soapy water solution to the regulator, coupling nut, gas hose, and the connection to the manifold. Make sure to coat the entire length and both ends of the gas hose.”

4.



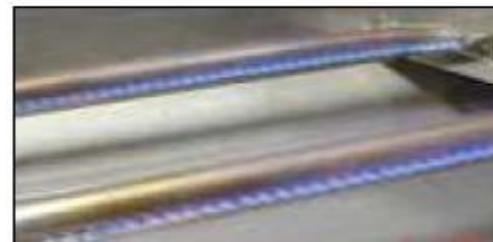
Recap

5.

Turn the valve on the propane tank to the on position. If growing bubbles appear in the soapy water solution, the connections are not properly sealed. Check each fitting by tightening, and check again with the soapy water solution. If you do not detect a leak, turn the valve on the propane tank to the off position.

If a leak is detected, repair may include the replacement parts. If you cannot repair the unit immediately by tightening the connections, turn off the valve on the propane tank and call technical support at 1-800-913-8999 and use option 1

Burner Flame Check



With the valves in place, there should be a 1-inch flame on the burners while the unit is in operation at the high setting. The grill should reach temperatures in excess of 500 degrees within 10 – 15 minutes.

If you need further assistance, please call us at 1-800-913-8999, and use option 1 to reach technical support.

3

Leak Test Instruction for Main Valve Assembly

1.



Turn the valve on the propane tank to the off position, and disconnect the gas hose from the propane tank. If the unit has shelves, locate the three screws under the side shelf without the burner. If the grill has no shelves, move to step 10.”

2.



Remove the screw on the center post and loosen the screws on the left and right posts.

3.



Remove the cooking grids, and place them aside in a safe, dry place.

4.



Locate the three screws that attach to the shelf from the inside of the main bowl assembly.

4

5.



Remove the screws that connect the side shelf to the main body of the grill.

6.



Remove the side shelf without a burner, using the keyhole slots on the left and right posts where you loosened the screws on Step 2 to slide over the head of the loosened screws.”

7.



Repeat steps 1-5 with the side shelf containing the burner. Some models do not have a burner in either side so simply remove both side shelves as normal.

8.



Remove the side shelf with a burner, using the keyhole slots on the left and right posts just as you did in Step 6. The burner has a flex gas line attached, so extra care must be taken to avoid damaging the flex line.

5

9.



On units with a side burner, set the side shelf on a chair, table or similar support as you are not making changes to the side burner or these parts.

10.



Remove the screws from the side of the control panel where the gas flex line extends towards the shelf with a side burner. Be careful not to kink or otherwise damage the flex line.

11.



Remove the screws from the side of the control panel where you removed the shelf without a burner.

12.



Locate the holes on the inside of the bowl assembly along the lip where the cooking grids sit in place.

13.



Remove the screws from inside the holes located along the inside lip of the grill, where grill sits.

14.



Free the control panel from the main body of the grill. There are still going to be component parts of the grill that are connected to the control panel, so take extra care with this step to avoid damaging those components.

15.



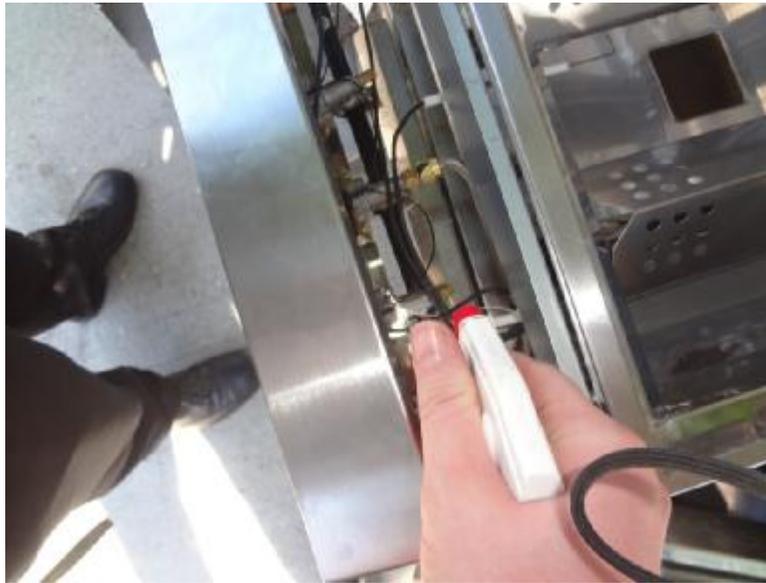
Prepare a 50/50 solution made of water and ammonia-free dish detergent. Prepare the soapy water solution to be applied to parts using either a spray bottle or a brush.

16.



Place the propane tank into the opening in the compartment for the propane tank and attach the regulator coupling nut to the propane tank by turning it clockwise.

17.



Spray the valves and manifold with the soapy water solution, making sure you get a thick coating on the parts and their relative connections.

18.

Turn the valve on the propane tank to the on position. If growing bubbles appear in the soapy water solution, the connections are not properly sealed. Check each fitting by tightening, and check again with the soapy water solution. If you do not detect a leak, turn the valve on the propane tank to the off position.

If testing the gas valves, proceed to step 19 (Page 8). Do not use the grill if a leak is detected.

If a leak is detected, repair may include the replacement parts. If you cannot repair the unit immediately by tightening the connections, turn off the valve on the propane tank and call technical support at 1-800-913-8999 and use option 1

19.



Replace control panel to the front of the grill body, making sure the valve nozzles are aligned properly into the burners.

20.



Re-install the screws on the inside lip of the main bowl area where the cooking grids set into. These screws will help support and secure the control panel.

21.



Install the screws that mount the control panel to the left and right sides of the unit

23.



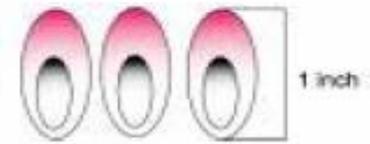
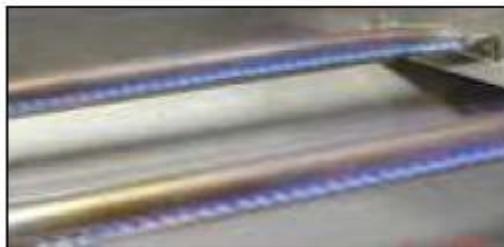
Secure the screw that goes into the center post of the side shelf, and then tighten the screws that mount on the left and right via the keyhole slots. Using the same method install the opposing side shelf.

22.



Mount the side shelf to one side of the unit, securing the units with the keyhole slots to the screw heads still mounted onto the body of the grill. Reinstall the three screws to the side shelf from the inside of the unit.

Burner Flame Check



With the valves in place, there should be a 1-inch flame on the burners while the unit is in operation at the high setting. The grill should reach temperatures in excess of 500 degrees within 10 – 15 minutes.

If you need further assistance, please call us at 1-800-913-8999, and use option 1 to reach technical support.

Leak Test Instruction to All Gas Components

1.



Turn the valve on the propane tank to the off position, and disconnect the gas hose from the propane tank. If the unit has shelves, locate the three screws under the side shelf without the burner. If the grill has no shelves, move to step 10.”

2.



Remove the screw on the center post and loosen the screws on the left and right posts.

3.



Remove the grilling grids, and place them aside in a safe, dry place.

4.



10

Locate the three screws that attach to the shelf from the inside of the main bowl assembly.

5.



Remove the screws that connect the side shelf to the main body of the grill.

6.



Remove the side shelf without a burner, using the keyhole slots on the left and right posts where you loosened the screws on Step 2 to slide over the head of the loosened screws.”

7.



Repeat steps 1-5 with the side shelf containing the burner. Some models do not have a burner in either side so simply remove both side shelves as normal.

8.



Remove the side shelf with a burner, using the keyhole slots on the left and right posts just as you did in Step 6. The burner has a flex gas line attached, so extra care must be taken to avoid damaging the flex line.

9.



On units with a side burner, set the side shelf on a chair, table or similar support as you are not making changes to the side burner or these parts.

10.



Remove the screws from the side of the control panel where the gas flex line extends towards the shelf with a side burner. Be careful not to kink or otherwise damage the flex line.

11.



Remove the screws from the side of the control panel where you removed the shelf without a burner.

12.



Locate the holes on the inside of the bowl assembly along the lip where the cooking grids sit in place.

12

13.



Remove the screws from inside the holes located along the inside lip of the grill, where grill sits.

14



Free the control panel from the main body of the grill. There are still going to be component parts of the grill that are connected to the control panel, so take extra care with this step to avoid damaging those components.

15.



Prepare a 50/50 solution made of water and ammonia-free dish detergent. Prepare the soapy water solution to be applied to parts using either a spray bottle or a brush.

16.



Place the propane tank into the opening in the compartment for the propane tank and attach the regulator coupling nut to the propane tank by turning it clockwise.

13

17.

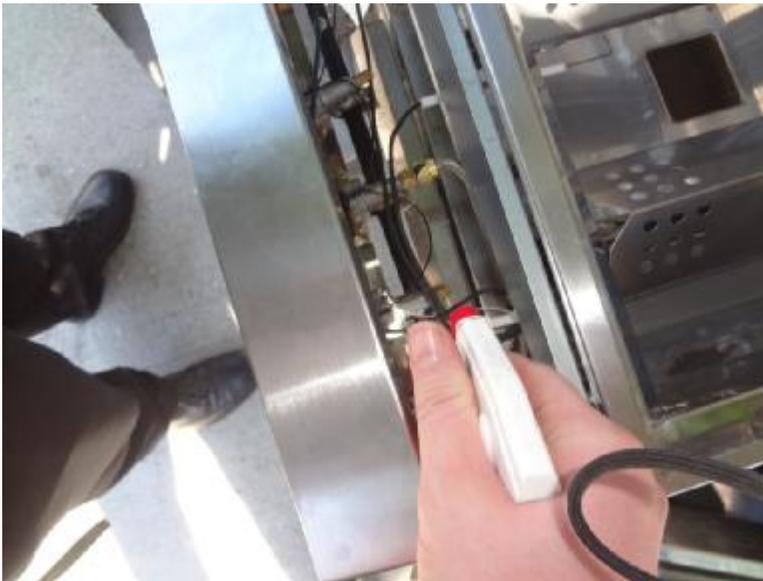


Apply the soapy water solution to the regulator, coupling nut, gas hose, and the connection to the manifold. Make sure to coat the entire length and both ends of the gas hose.”

18.



19.



Spray the valves and manifold with the soapy water solution, making sure you get a thick coating on the parts and their relative connections.

20.

Turn the valve on the propane tank to the on position. If growing bubbles appear in the soapy water solution, the connections are not properly sealed. Check each fitting by tightening, and check again with the soapy water solution. If you do not detect a leak, turn the valve on the propane tank to the off position.

If testing the gas valves, proceed to step 21 (Page 15). Do not use the grill if a leak is detected.

If a leak is detected, repair may include the replacement parts. If you cannot repair the unit immediately by tightening the connections, turn off the valve on the propane tank and call technical support at 1-800-913-8999 and use option 1

21.



Replace control panel to the front of the grill body, making sure the valve nozzles are aligned properly into the burners.

22.



Re-install the screws on the inside lip of the main bowl area where the cooking grids set into. These screws will help support and secure the control panel.

23.



Install the screws that mount the control panel to the left and right sides of the unit

24.



Mount the side shelf to one side of the unit, securing the units with the keyhole slots to the screw heads still mounted onto the body of the grill. Reinstall the three screws to the side shelf from the inside of the unit.

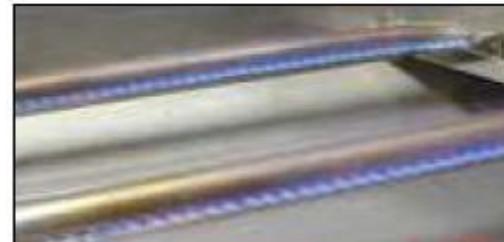
25.



Secure the screw that goes into the center post of the side shelf, and then tighten the screws that mount on the left and right via the keyhole slots. Using the same method install the opposing side shelf.

Recap

Burner Flame Check



With the valves in place, there should be a 1-inch flame on the burners while the unit is in operation at the high setting. The grill should reach temperatures in excess of 500 degrees within 10 – 15 minutes.

If you need further assistance, please call us at 1-800-913-8999, and use option 1 to reach technical support.