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82766 Blower Gasket, Thin (GM10-25-077)

Applicable Boiler Models

- Tx51-151(C)
- Ts80
- Ti100-150(C)
- Lx150-500
- M100(V)

Kit Contents

- 1 Blower Gasket

Tools Required

- T-25 Torx Screwdriver
- 10mm wrench
- Phillips #1 and #2 screwdriver
- 5/16" wrench
- 1/4" Nut Driver
- 3mm hex wrench (Allen wrench)

Replacement Instructions Tx Boiler

- 1) Turn off power and gas to the boiler.
- 2) Remove the air inlet pipe from the blower assembly.
- 3) Remove the 4 blower mounting screws using a 5/16" wrench
- 4) Remove and replace the blower gasket: if necessary loosen gas valve mounting screws.
- 5) Re-assemble in the reverse order.

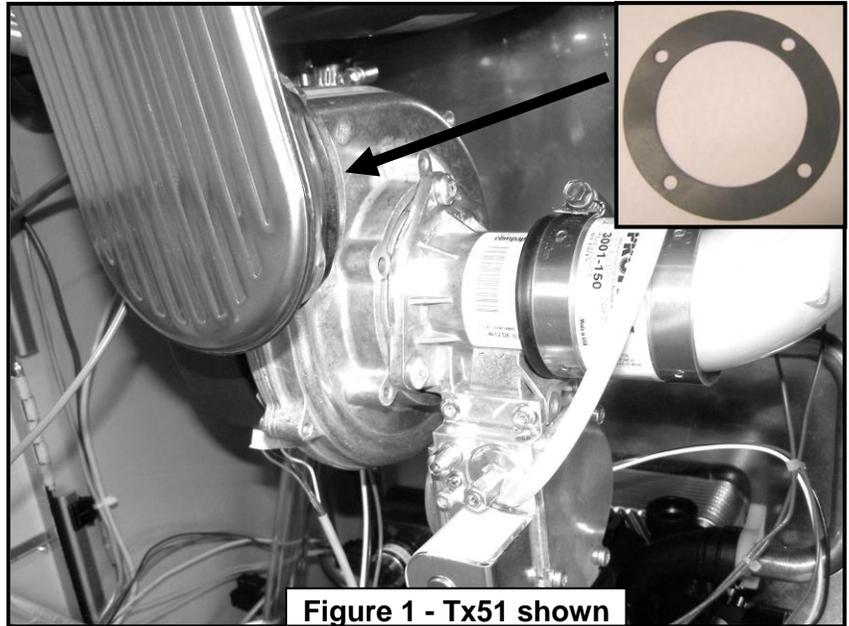


Figure 1 - Tx51 shown

Replacement Instructions Matrix M100(v), Ti100-150(C), Ts80 and Lx300-400 boilers

- 1) Turn off power and gas to the boiler
- 2) Remove wires from igniter, blower, flame rod and gas valve.
- 3) Remove tubing from the gas valve.
- 4) **Lx 300 - 500 only:** Disconnect the metallic tubing between the blower and high-vent pressure switch, by loosening the compression fitting at the high-vent pressure switch. At the blower, support the brass fitting with a 1/2" wrench while loosening the compression fitting nut with a 9/16" wrench. Remove the tubing assembly from blower.
- 5) Disconnect the air inlet and gas line from the gas valve assembly
- 6) Remove burner door, gas valve, and blower as an assembly
- 7) **Ti, Lx, Ts, and Matrix boilers only**, remove the venturi from the blower motor
- 8) Remove the blower from the burner door assembly and replace the gasket.
- 9) Reassembly is the reverse of disassembly.
- 10) Check the blower gasket, burner door gasket, and metallic tubing (Lx 300-500) for leakage.



DANGER

Explosion Hazard- Failure to properly secure the blower gasket will result in gas leakage which may lead to fire, explosion, serious injury, or death.



DANGER

Flue gas leakage- Failure to properly reseal the burner door gasket will result in flue gas leakage which may lead to serious injury or death.



DANGER

Gas leakage – The metallic tubing attached to the blower on the Lx300-500 boilers contains air and fuel while the burner is operating. Failure to reattach this tubing correctly will result in gas leakage which may lead to fire, explosion, serious injury, or death.

Replacement Instructions Lx 500 Boiler

- 1) Turn off power and gas to the boiler.
- 2) Remove the air inlet pipe from the blower assembly.
- 3) Remove the right side of the boiler cabinet
- 4) Remove the 4 Allen (Hex) screws holding the gas line adapter to the gas valve see **Figure 2 below**.
- 5) Remove the metallic tubing between the blower and high-vent pressure switch, by loosening the compression fitting at the high-vent pressure switch. At the blower, support the brass fitting with a 1/2" wrench while loosening the compression fitting nut with a 9/16" wrench. Remove the tubing assembly.
- 6) Remove burner door, gas valve, internal gas line, and blower as an assembly
- 7) Replace the gasket
- 8) Reassembly is the reverse of disassembly

Figure 2 Lx500

