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## 83204-1 (replaces 82054) Gas Valve Kit Comes with screws and seals (VK81115V1341B)

### Applicable Boiler Models

- Matrix M100, M100V
- Trinity Lx150-300, Tft60-250, Ti100-200, Ts80, T150-200
- Legacy L150 and L210 Serial #s starting with 02LC and up

### NOT FOR USE ON Tx200 Boilers

### Kit Contents

- 83204 - Gas Valve Body Only
- 83134 - CVI Regulator Vent Adapter
- 83206 - Gas valve screws and seals

### Tools Required

- Pipe Wrench (for gas line)
- Adjustable Wrench (for gas line union)
- 5/16" Nut Driver
- Phillips #2 and #1 Screwdriver
- Torx T20 Screwdriver
- Torx T25 Screwdriver
- Needle Nose Pliers (for gas valve vent adapter)
- Combustion Analyzer

### Replacement Instructions

- 1) Shut off the gas supply to the boiler.
- 2) Remove the gas line from the gas valve.
- 3) Remove the gas valve harness from the valve by removing the Phillips #1 screw.
- 4) Remove the gas valve from the boiler.
- 5) Remove the 4 Phillips head screws securing the gas line adapter: take note of the orientation and set aside. The gas line adapter, O-ring, and screws will be reused during re-assembly
- 6) Install the gas line adapter on the new valve.

**WARNING** **O-ring** - Failure to properly re-intstall the gas line adapter O-ring will result in gas leakage which may cause property damage, serious injury, or death.

- 8) Reinstall the new valve in the reverse order it was removed and perform a combustion test. Refer to Gas Valve and Burner Setup section in the boiler installation and operation manual included with the boiler.

**DANGER** **Improper Combustion Settings** - Ensure that the combustion readings fall within the guidelines listed in the boiler installation and operation manual. Failure to properly set the boiler combustion may result in serious injury or death.

**DANGER** **Regulator Vent Adapter** - Re-connect the tubing from the air inlet to the gas valve vent adapter on boilers originally equipped with this part. Failure to properly reconnect the tubing to the gas Regulator Vent Adapter may result in property damage, serious injury or death.

