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84907

DHW Temperature/Flow Sensor, VFS (96650804)

Applicable Boiler Models

- Tx151C, Tx200C

Kit Contents

- 1 DHW Temperature/Flow Sensor, VFS
(c/w green o-ring)

Tools Required

- ¼" Nut Driver
- Pliers

Replacement Instructions

- 1) Prior to removing the old sensor, connect the new sensor to the boiler wiring harness and perform the following test.
 - a) Using the Tx menu guide navigate to screen 1-05, the flow rate should be 0
 - b) Navigate to screen 1-03 the indicated temperature should be approximately the current room temperature where the boiler is installed.
 - c) If flow is indicated or the temperature is incorrect check the wiring. Contact NTI technical support for further assistance.
- 2) Turn off power and gas to the boiler.
- 3) Drain the domestic hot water piping.
- 4) Remove retaining screw and swing control panel out of the way.
- 5) Disconnect electrical plug from sensor.
- 6) Remove access hatch on the bottom of the boiler under the flow sensor
- 7) Press firmly on sensor and remove the retaining clip
- 8) Check to ensure both O-rings are on the new sensor
- 9) Install the new sensor and secure with the clip; firmly press on the sensor to ensure retaining clip engagement.
- 10) Pull on sensor to ensure it is secure.

Figure 1

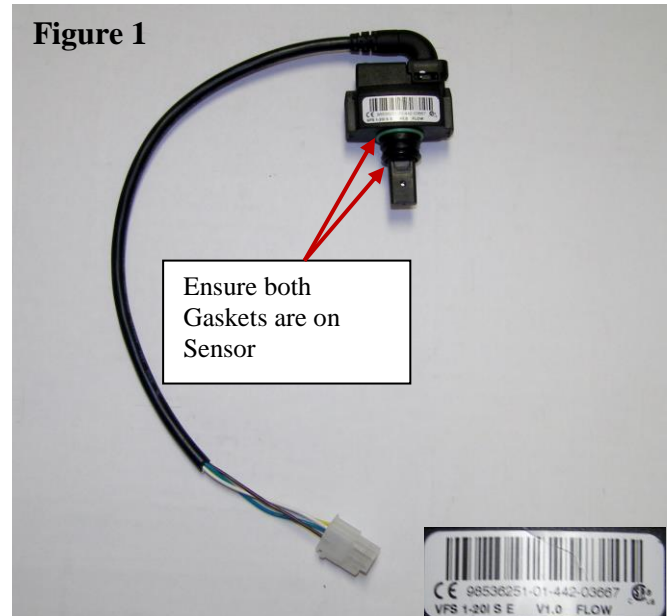
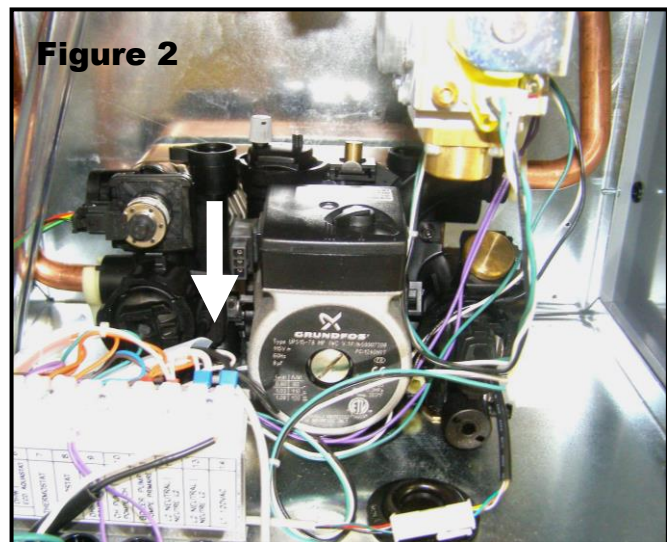


Figure 2



CAUTION

Retaining Clip: Failure to properly install and check the sensor retaining clip will result in water leakage resulting in property damage.

- 11) With all outlet valves and fixtures closed, open the inlet valve a ¼ turn and allow the water to fill the piping slowly. Once the piping is full, open an outlet valve or fixture a ¼ turn to slowly purge air from the lines.

CAUTION

Introducing water: Failure to slowly introduce water may damage the flow sensor.

- 12) Check for leaks and proper operation by operating the domestic hot water.