

# PRESSURE SENSOR REPLACEMENT KIT 550003253 INSTRUCTIONS FOR UCS & DMG 240/380 BOILERS

Kit installation shall be completed by qualified agency.

## ⚠ WARNING

Fire, explosion, asphyxiation and electrical shock hazard. Improper installation could result in death or serious injury. Read these instructions and understand all requirements, including requirements of authority having jurisdiction, before beginning installation. Installation not complete until appliance operation is verified per Installation, Operation & Maintenance Manual provided with boiler.

## ⚠ CAUTION

Laceration, burn hazard. Metal edges and parts may have sharp edges and/or may be hot. Use appropriate personal protection equipment to include safety glasses and gloves when installing or servicing this appliance. Failure to follow these instructions could result in minor or moderate injury.

### Pressure Sensor Replacement

1. Follow instructions To TURN OFF GAS TO APPLIANCE found on Operating Instructions label on boiler or in Installation, Operation & Maintenance Manual. Verify all electrical power to boiler is turned off.

## ⚠ WARNING

Electrical shock hazard. Turn OFF electrical power supply at service panel.

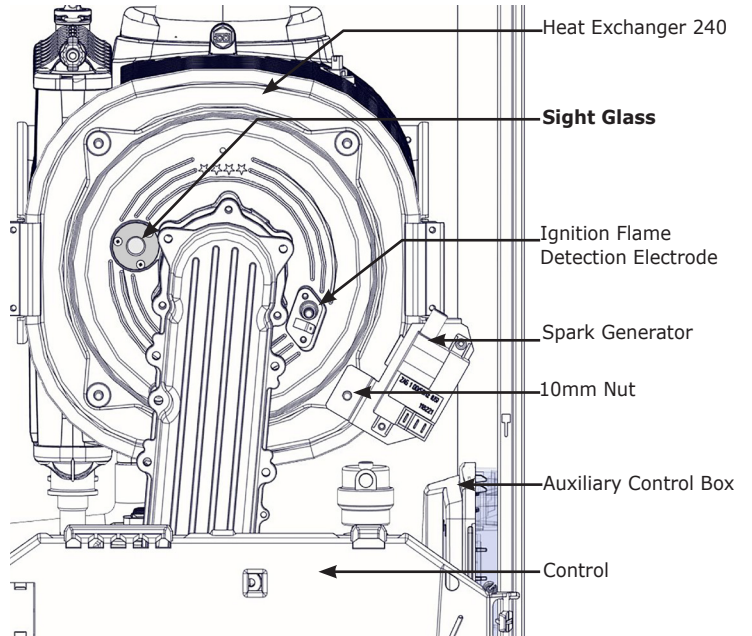
2. Turn Off water to boiler.
3. Remove two (2) screws from of front jacket cover. Lift jacket off Boiler.

## ⚠ WARNING

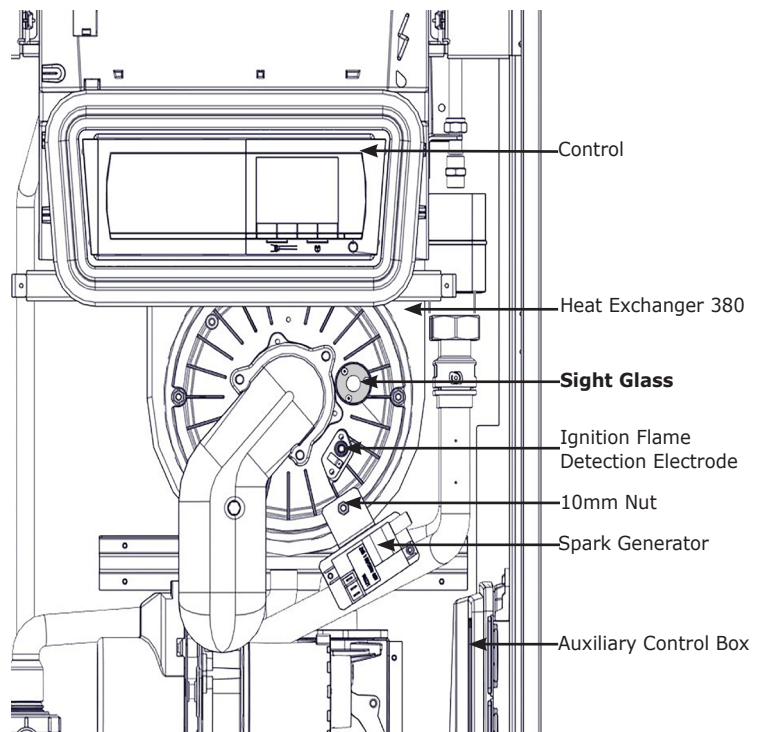
Burn, Scald hazard. Turn Off water to boiler Verify unit has cooled before servicing. Use appropriate personal protection equipment.

4. Inspect combustion chamber through sight glass. Verify flame is not present. See Figures 1 and 2.
5. Isolate boiler from heating system. Drain boiler.
6. Remove screws from front panel. Remove panel.
7. 240 only - position control panel in down position.

**Figure 1 - 240 Heat Exchanger - Front of Boiler**



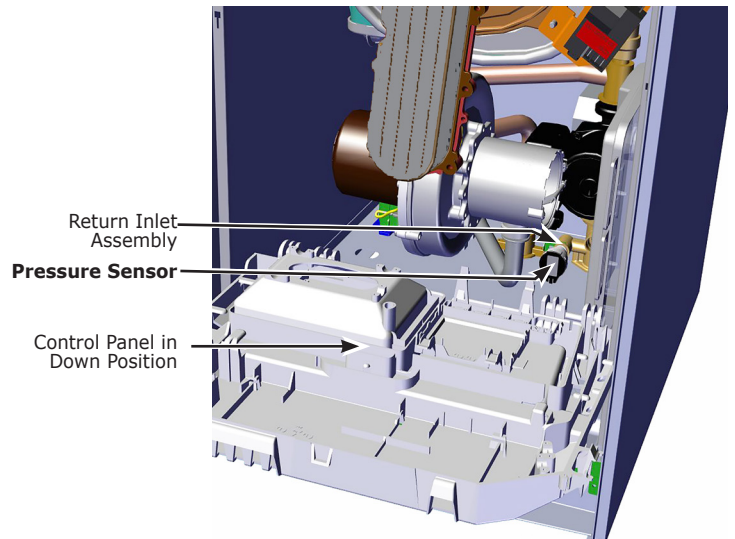
**Figure 2 - 380 Heat Exchanger - Front of Boiler**



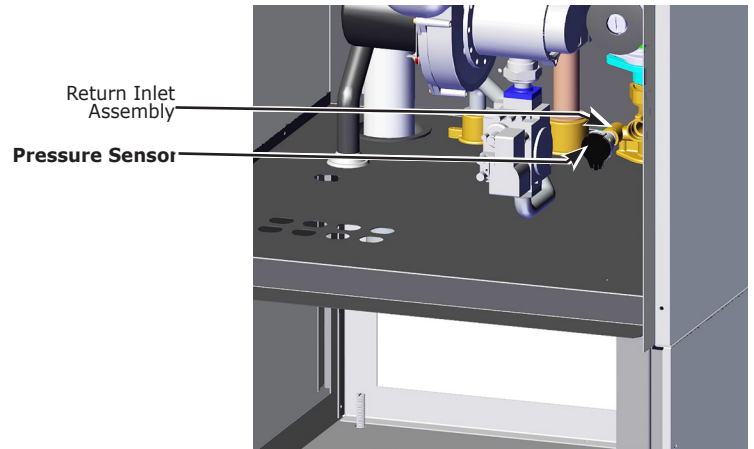
## PRESSURE SENSOR REPLACEMENT INSTRUCTIONS

8. Lift up on black tab to release harness from sensor. Remove clip securing sensor. Remove sensor from return inlet assembly. See Figure 3.
9. Plug new sensor into inlet assembly, secure with clip. Reconnect harness to pressure sensor.
10. Fill boiler, remove air, check for water leaks.
11. Place control in upright position - 240 only.
12. Restore power and gas to appliance.
13. Resume operation using OPERATING INSTRUCTIONS found on Operating Instructions label on boiler or in Installation, Operation & Maintenance Manual.
14. Install front panel. Secure in place with removed screws.
15. Verify proper operation.

**Figure 3 - 240 Boiler - Pressure Sensor**



**Figure 4 - 380 Boiler - Pressure Sensor**



### PARTS LIST

<b>Pressure Sensor Replacement Kit 550003253 includes:</b>		
DESCRIPTION	PART #	QTY
Pressure Sensor	-	1
Clip	-	1
Instructions	240011704	1

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