

# IGNITION/FLAME DETECTION ELECTRODE REPLACEMENT

## KIT 550003249 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.

### Ignition/Flame Detection Electrode 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. Remove two (2) screws from front jacket cover. Lift jacket off.

### **⚠ WARNING**

Burn hazard. Verify unit has cooled before servicing. Use appropriate personal protection equipment.

3. Inspect combustion chamber through sight glass. Verify flame is not present. See Figures 1 and 2.
4. Ignition/flame electrode is located on right side of heat exchanger cover.
5. Disconnect igniter cable and ground from Electrode.
6. Remove two (2) mounting screws using 3mm (7/64") Allen head wrench. See Figures 1 and 2.
7. Remove ignition electrode and gasket.
8. Install new igniter and gasket.

Figure 1 - 240 Heat Exchanger - Front of Boiler

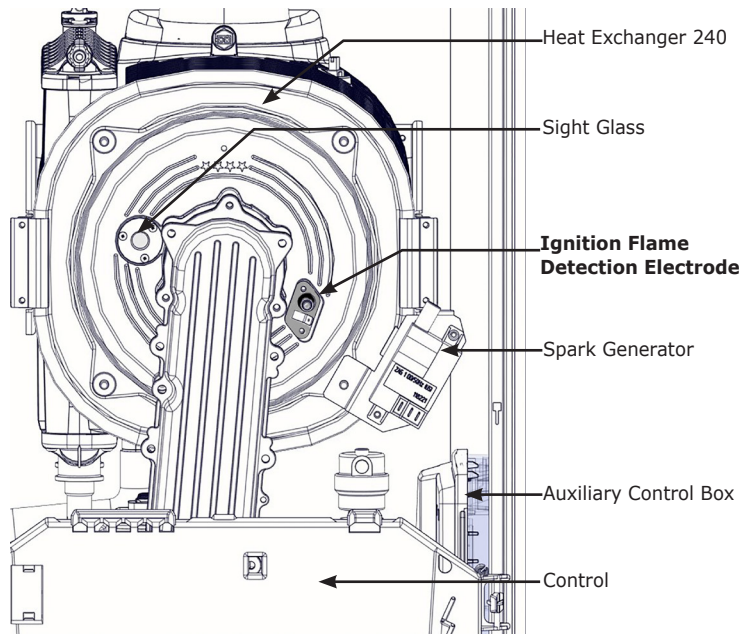
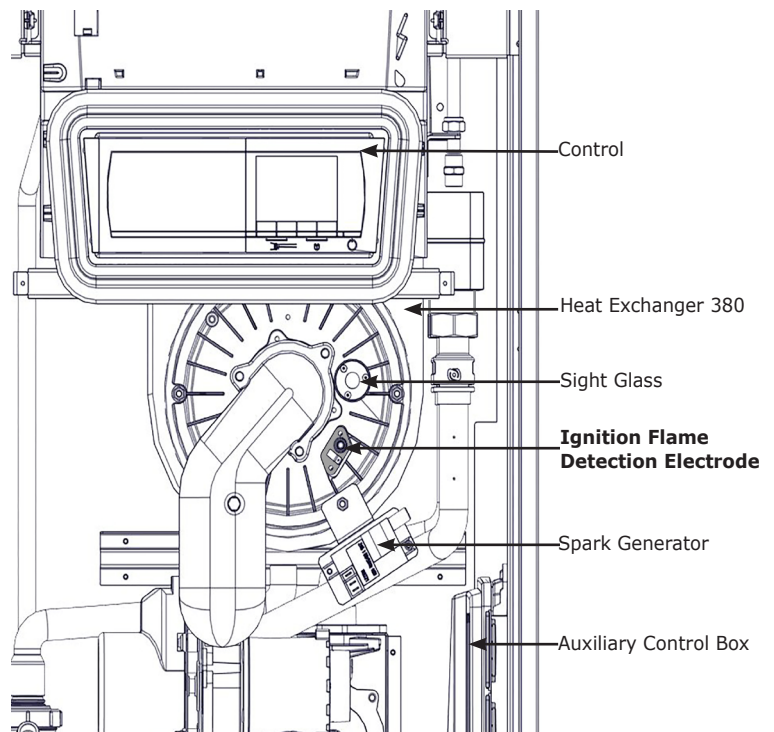


Figure 2 - 380 Heat Exchanger - Front of Boiler



Illustrations are a depiction of the boiler for general location of parts and are subject to change without notice.

# IGNITION/FLAME DETECTION ELECTRODE REPLACEMENT INSTRUCTIONS

9. Re-install and tighten two (2) mounting screws using 3mm (7/64") Allen head wrench.
10. Re-install igniter cable and ground.
11. Turn Gas and Electric to boiler on.
12. Resume operation using OPERATING INSTRUCTIONS found on Operating Instructions label on boiler or in Installation, Operation & Maintenance Manual.
13. Install front panel. Secure in place with removed screws.
14. Check for leaks.
15. Verify proper operation

## **PARTS LIST**

<b>Ignition/Flame Detection Electrode Replacement Kit 550003249 includes:</b>		
<b>DESCRIPTION</b>	<b>PART #</b>	<b>QTY</b>
Ignition/Flame Electrode	-	1
Ignition/Flame Electrode Gasket	-	1
Instructions	240011681	1

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