

# HEAT EXCHANGER GASKETS REPLACEMENT Kit 550003156

## INSTRUCTIONS HEAT ONLY & COMBI

### CONDENSING, WALL MOUNTED, GAS BOILER

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 this instruction and understand all requirements, including requirements of authority having jurisdiction, before beginning installation. Installation not complete until appliance operation verified per Installation, Operation & Maintenance Manual provided with boiler.

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.

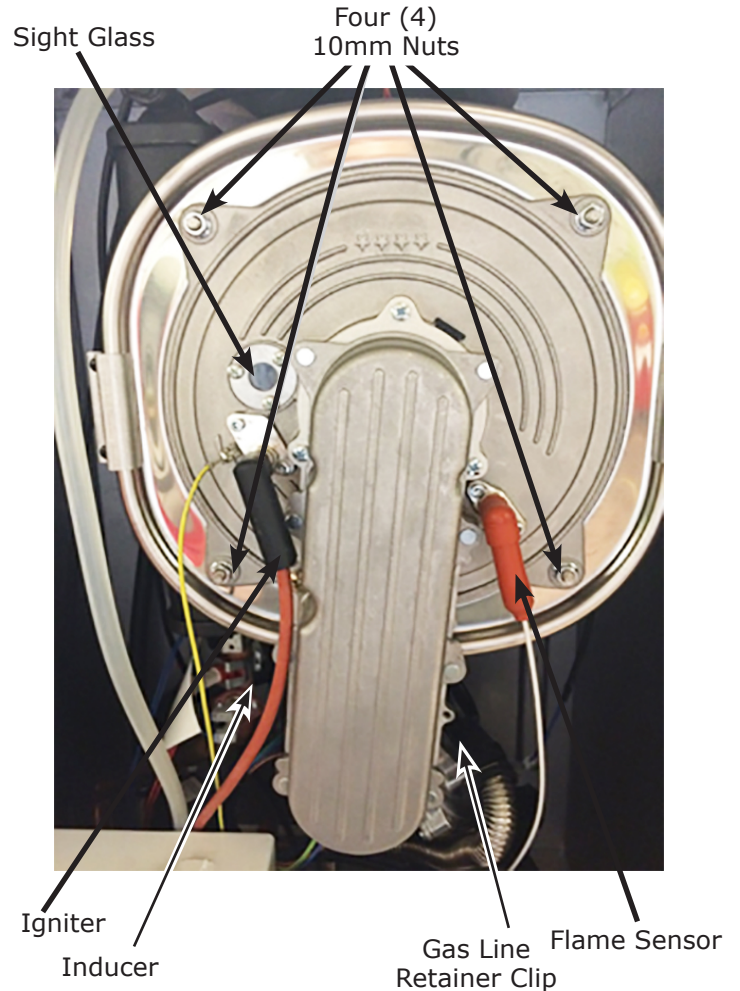
2. Turn off electrical power supply at service panel.
3. Remove two (2) screws at bottom of front jacket cover. Lift jacket up and off.

#### **⚠ WARNING**

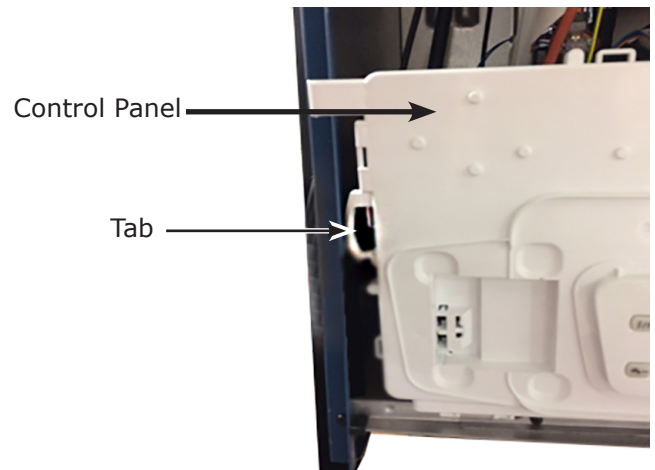
Burn hazard. Verify heat exchanger has cooled or use appropriate personal protection equipment before removing heat exchanger.

4. Inspect combustion chamber through sight glass. Verify flame is not present. See Figure 1.
5. Press tab and rotate control panel to downward position. See Figure 2.
6. Remove gas line retainer clip holding gas line to inducer. See Figure 1.
7. Remove Igniter and Flame Sense plugs from Heat exchanger.
8. Remove two (2) electrical plugs from inducer.
9. Remove four (4) 10mm nuts holding heat exchanger cover in place. See Figure 1.
10. Remove heat exchanger cover assembly. Turn cover assembly over to access gasket.

**Figure 1 - Sight Glass & Heat Exchanger Cover**



**Figure 2 - Control Panel and Tab**

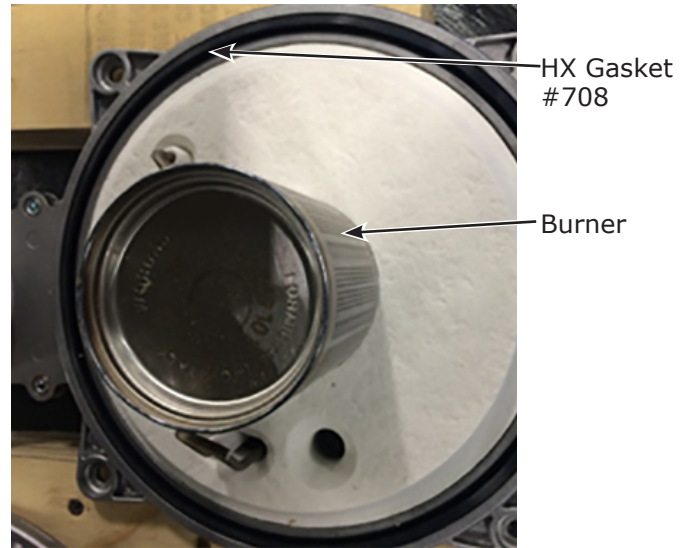


11. Remove gasket from inside of cover. Replace with supplied gasket seating it in groove around edge. See Figure 3.
12. Replace heat exchanger cover in place. Secure heat exchanger cover with four 10mm nuts. See Figure 1.
13. Place gas line back into the bottom of the inducer and secure with the retainer clip.
14. Replace two electrical plugs to the inducer.
15. Replace Flame Sense and Igniter plugs.

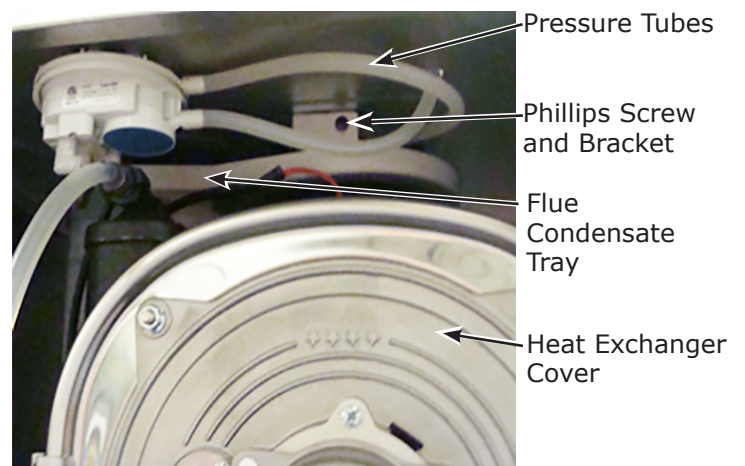
**Gaskets #708 & # 710 Replacement**

16. Remove vent from top of boiler.
17. Remove Phillips screw holding bracket and securing condensate tray in place.
18. Remove bracket and pressure tubing. See Figure 4.
19. Remove four (4) Phillip screws holding flue outlet in place. Remove flue outlet.
20. Slide flue condensate water tray off to side. See Figure 4.
21. Remove gasket #708 and replace with supplied replacement gasket. See Figure 5.
22. Remove gasket #710 from top of heat exchanger and replace with supplied new one. See Figure 6.
23. Slide condensate water tray back into position.
24. Replace flue outlet gasket with supplied replacement gasket. Tighten flue outlet with four (4) Philip screws. Position so flue outlet seats into condensate water tray.
25. Place bracket back into position and tighten Phillips screw. See Figure 4.
26. Re-install pressure switch tubing (Figure 4).
27. Reconnect venting.
28. Position control assembly in upward position and check for leaks.
29. Turn power and gas on.
30. Resume operation using OPERATING INSTRUCTIONS found on Operating Instructions label on boiler or in Installation, Operation & Maintenance Manual.
31. Verify proper operation by following START UP PROCEDURE in Installation, Operation & Maintenance Manual.
32. Install front panel. Secure with two screws at bottom of front panel.

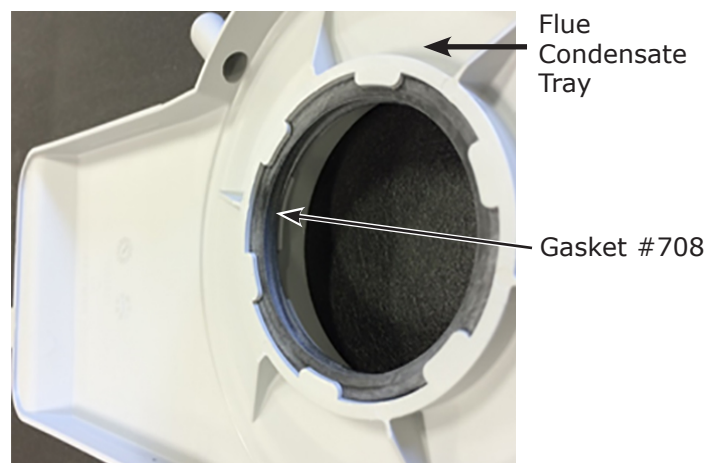
**Figure 3 - Heat Exchanger Cover**



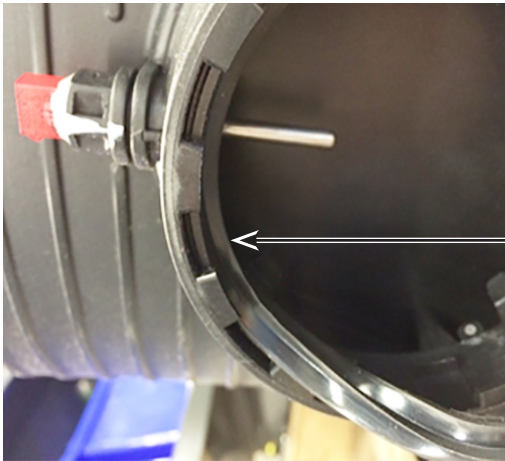
**Figure 4 - Pressure Tubing and Flue Condensate Tray**



**Figure 5 - Flue condensate Tray**



**Figure 6 - Heat Exchanger Flue Outlet - View from top**  
 looking down into Heat Exchanger



HX Gasket  
 #710

<b>Heat Exchanger Gasket Replacement Kit                      550003156 -Includes:</b>		
<b>Description</b>	<b>PART #</b>	<b>Qty</b>
COMBUSTION CHAMBER GASKET	-	1
GASKET WITH DOUBLE LIP (CONDENSATE WATER TRAY) (#708)	-	1
GASKET (WATER TRAY TO HEAT EXCHANGER) (#710)	-	1
INSTRUCTIONS - 240011402	240011402	1

Check our website frequently for updates: [www.ecrinternational.com](http://www.ecrinternational.com)