



**Health and Safety Warning:**

Ceramic fiber products are suspected of causing cancer by inhalation. All ceramic fiber products have a hazard communication warning label and a prop 65 warning for airborne fiber inhalation. You should minimize exposure to airborne fibers. When handling ceramic fiber we recommend using particulate respirator mask (N95), protective gloves, safety glasses and long sleeve clothing. For complete safety information consult the SDS sheet. <https://www.lynnmfg.com/documentation/>



**Before you start work:**

1. Read all instructions and check the kit number before starting work. **See Note A.**
2. Turn off service switch on boiler and all other electrical disconnect switches.
3. Close fuel supply valve(s) and disconnect fuel line from the burner.

**Removal:**

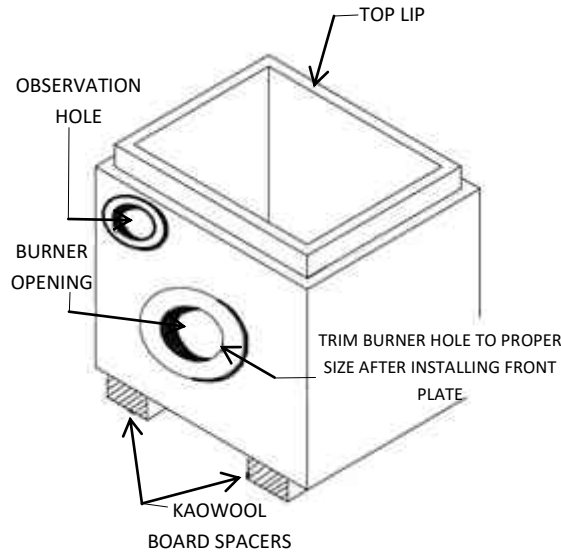
4. Turn off service switch on boiler and all other electrical disconnect switches.
5. Turn off fuel supply valve(s) and disconnect fuel line from burner.
6. Remove oil burner from boiler.
7. Remove burner mounting plate from the front of the boiler.
8. Remove old combustion chamber.
9. Thoroughly clean the lower section of the boiler.

**Installation:**

10. Slide new combustion chamber into boiler.
11. Lift the chamber up so the top lip fits into the top of the boiler.
12. Slide the Kaowool board spacers under the chamber as shown.
13. Replace the burner mounting plate.
14. Using a hacksaw blade, cut the chamber burner hole to the same size as the opening in the steel burner mounting plate.
15. Reinstall oil burner, and reconnect fuel line.
16. Connect electric wiring and turn on switch(es).
17. Fire the burner. **See Note E.**

**For Longer Combustion Chamber Life:**

- Adjust burner using combustion test equipment. See burner manual for details.
- Clean combustion chamber carefully. Do not use stick type thermal bombs.
- Repair all water leaks promptly.
- Clean flueways carefully. Do not damage chamber with flueway brush.



**Note A: Correct Kit**

Please check this is the correct kit for your make & model boiler by checking the box label or consulting our Ready Reference.

**Note E: Initial Firing**

Fire the burner for 15 minutes to allow ceramic fiber insulation to "cure". It is normal when first fired for some smoke and a slight odor to occur. Combustion test must be performed after curing process.

**Application, Installation and Use Warning:**

In applications including; boilers, furnaces, wood stoves, wood inserts, fireplaces, heating devices, and other appliances, parts must be used consistently with original equipment manufacturers specifications, design, function and operation.

Improper installation or use of this product could result in a fire, smoke inhalation or carbon monoxide poisoning. Products should be installed by a licensed and certified technician in compliance with all national, state and local codes. Products should be inspected annually by a licensed and certified technician for wear, brittleness, cracking or crumbling, and replaced as necessary. Lynn Manufacturing, Inc. recommends installers certified by NFI, CSIA or NORA.

Never work on a piece of equipment or touch the fibrous product when it is hot, as the product may show no visible signs of heat from glowing or smoking.

Lynn Manufacturing, Inc offers hundreds of products with many applications. Determining whether the product is a fit for the particular purpose and suitable for an application is the sole responsibility of the purchaser/installer.

In no event shall Lynn Manufacturing, Inc be liable for any damages to property or life arising from or connected with the use of this product.