

**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:**

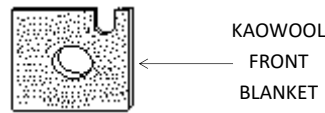
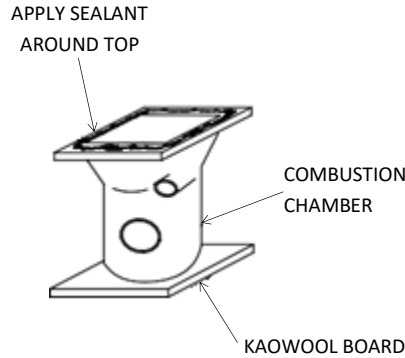
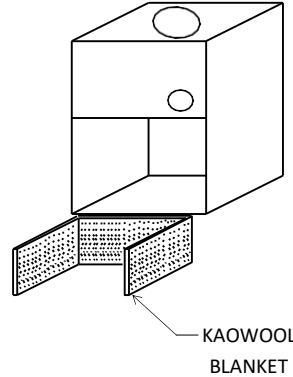
1. Read all instructions and check the kit number before starting work. **See Note A.**
2. Turn off service switch on boiler and all other electrical disconnect switches.
3. Close fuel supply valve(s) and disconnect fuel line from the burner.

**Removal:**

4. Check to make sure all electric power is off and the oil line is disconnected.
5. Remove the bolts holding the boiler front plate in position and remove the front plate and oil burner.
6. Remove the blanket insulation in front of the combustion chamber and discard it.
7. Remove the old combustion chamber.
8. Remove the old blanket insulation from the inside of the steel base.
9. Remove the old floor board.
10. Remove the old gasket material (ceramic fiber blanket) from the area around the bottom of the boiler tubes.
11. Remove any remaining debris and clean out the inside of the combustion area.

**Installation:**

12. Carefully examine the base of this boiler for cracks and holes, and take the appropriate action.
13. Use the large Kaowool blanket to line the inside walls of the steel base.
14. Use a caulking gun to place a 3/8" bead of Refractory Cement around the top of the combustion chamber. (see drawing)
15. Slide the chamber into the boiler base. **See Note B.**
16. Lift the chamber up so that the top of the chamber contacts the boiler tube area, and slide the Kaowool Board provided under the chamber to hold the chamber up.
17. Place the Kaowool front blanket into position.
18. Reinstall the boiler front plate and oil burner.
19. Reconnect and turn on the oil line and electric power.
20. Fire the Burner. **See Note E.**



**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 B: Fitting Ceramic Fiber Pieces**

Many of the rigid ceramic fiber pieces are designed to be a firm press fit. To avoid breakage, press carefully and gradually. The fit may need to be adjusted by sanding or filing until a snug press fit is achieved.

**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.