

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:

Chamber Replacement– Preferred Method

4. Check to make sure all electric power is off and the oil line is disconnected.
5. Remove the oil burner and loosen the jacket at all sides.
6. Remove the 4 bolts that secure the heat exchanger to the base and raise the boiler about an inch to slide the base out of the front.
7. Remove the old combustion chamber and clean any remaining debris from the combustion area.

Installation:

8. Carefully examine the base of the boiler for cracks and holes and take the appropriate action.
9. Replace the spacer block under the chamber if it was deteriorated.
10. Place the new combustion chamber into the base assembly.
11. Lower the boiler and rebolt the base to the heat exchanger. Use the refractory cement provided to fill any gaps.
12. Reinstall the oil burner.

Removal:

Chamber Replacement– Alternate Method

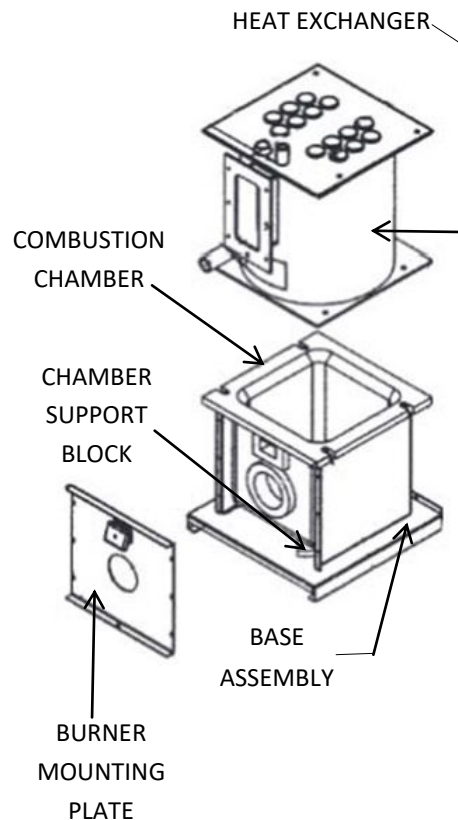
13. Check to make sure all electric power is off and the oil line is disconnected.
14. Remove the oil burner and burner mounting plate from the base assembly.
15. Using a utility knife, cut around the flanged portion of the top of the chamber that is clamped between the boiler heat exchanger and the base. Break up and remove the old chamber.

Installation:

16. Carefully trim the top flange on the new chamber to fit inside the flange area just cut.
17. Lift the new chamber into position creating a seal and support with the spacer block.
18. Use the refractory cement provided to fill any gaps between the new chamber and old flange.
19. Reinstall the burner mounting plate and oil burner.
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.

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