



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:

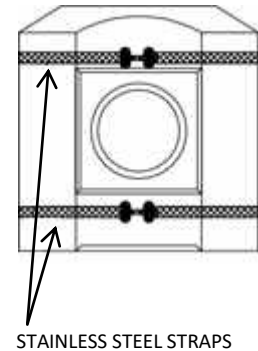
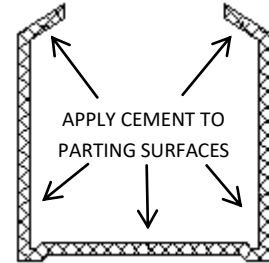
4. Remove the oil burner assembly from the furnace.
5. Remove the oil burner mounting plate.
6. Remove the two screws that attach the firepot bracket to the pouch. These are located at the bottom center of the pouch.
7. Remove the strap holding the firepot and bracket together.
8. Remove the old firepot. You may have to break the chamber up to get it through the pouch. Wear respiratory protection to avoid breathing the airborne fibers.
9. Clean out the combustion area and inspect the heat exchanger.

Installation:

10. Slide the back half of the firepot into the heat exchanger and plate it in position as far back as possible.
11. Raise the back half up and support it with the 13" cardboard spacer provided. This will provide room for the front half to be installed.
12. Place a generous bead of the Refractory Cement provided around the parting surface of the front chamber half. See drawing.
13. Slide the front half of the firepot into the heat exchanger and turn it so it is in position with the burner hole facing front.
14. Reach in through the burner opening, grab the cardboard spacer and lower the back half of the firepot into position. Remove the cardboard spacer from the combustion area and discard.
15. Line the front and back sections up and press them together causing the refractory cement to seal any gaps between the two halves.
16. Place the two stainless steel straps around the firepot as shown and join the ends with the screws and nuts provided. Double check that the two halves are aligned, then tighten the top strap. Do not overtighten! Damage to the chamber will result.
17. Reinstall the firepot bracket to the bottom of the pouch. Push the bracket as far back as it will go and tighten the two screws.
18. Position the lower strap around the firepot bracket. Make sure the firepot is centered in the pouch and tighten the lower strap so the firepot is pulled up against the bracket.
19. Reinstall the burner mounting plate.
20. Reinstall the oil burner assembly. The oil burner blast tube must be centered in the firepot opening. If it does not line up, remove the burner mounting plate and adjust the lower strap to reposition the firepot.
21. Reconnect the fuel and electric lines and turn on the valves and switches.
22. Fire the furnace. **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 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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