LYNN MANUFACTURING, INC.

Installation Instructions

Lynn Item: 1178

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. For door with left side hinge: Loosen (do not remove yet) latching bolt on left side of burner swing door.
6. Remove latching bolt on right side of swing door, then remove left side latching bolt.
7. Disconnect the burner power cord from the outlet located in the lower right of the front panel.
8. Swing open the door to give as much access as possible. If there is not enough room to open the door for full access, the door and burner must be removed. Please see manufacturer's installation manual for removal instructions.
9. Remove the damaged swing door insulation.

Installation:

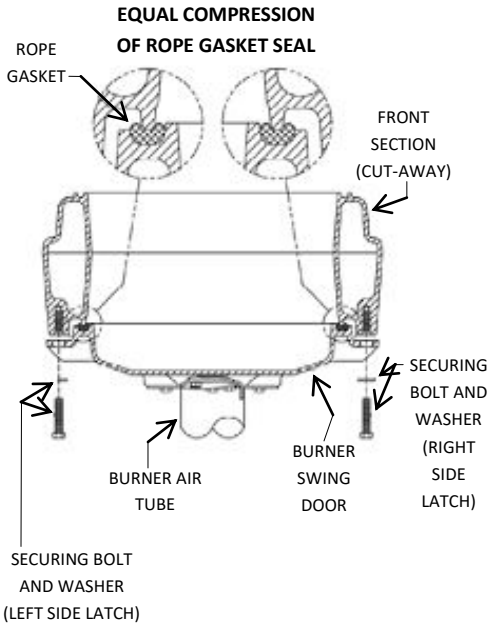
10. Inspect the silicone rubber coated fiberglass rope located on the swing door. The rope must be evenly distributed around the perimeter of the door groove and cannot bunch or overhang. There must not be any gap where the rope ends meet. Replace the rope length provided in this kit if it is damaged or the two ends do not meet.
11. Insert the new swing door insulation into the door with the flat side facing the back of the boiler.
12. By design, the cast bars on the front section between the combustion chamber, and between the left and right side 2nd and 3rd pass flueways should make an impression in door insulation to seal the chambers.
13. To close door: Swing door shut and lift up on door so that it sits on the door rest lip protruding from the bottom of the front section casting.
14. While holding the door in position, install right side latching bolt first, then left side bolt. Apply pressure to door while hand tightening the hardware.
15. Use a wrench to tighten the door bolts starting with the RIGHT side and alternating between the right and left sides equally until the door is seated and sealed. Do not overtighten and NEVER tighten the left bolt first. Failure to follow above procedure could cause thread damage to casting or a leak in the door seal. See drawing on right.
16. 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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