



# THELIN PROVIDENCE DOOR ADJUSTMENT INSTRUCTION

## OVERVIEW

For proper operation the Providence front door requires the main gasket to fully contact the firebox when shut.

One way to confirm proper gasket contact is to shut and latch the door and using a flash light look into the gap between the door and firebox frame confirming the gasket contact (**Figure 2**). Additionally a check of gasket contact can be accomplished with a dollar bill inserted between the gasket and firebox and then latching the door. When removing the dollar bill a slight resistance should be noted. This "Chimney Sweep Test Method" confirms the overall gasket "press" (**Figure 3**).

*A properly adjusted door latches easily and sets flat against the firebox frame and square to the opening. The upper right hand striker plate will allow the door to close over the top and help hold the door level when viewed left to right.*



Figure 1 - Properly Adjusted Door



Figure 2 - Gasket Side View

The door has adjustments on all four corners. The left side requires hinge point adjustments while the right side requires latch and striker adjustments. The doors are factory adjusted so generally the left side hinges are set to square the door to firebox opening and when fully closed allow for striker plate alignment when closing

**Care should be taken not to force the door handle closed causing damage to alignment pins and catches.**

The following steps provide adjustment detail:

- 1) Close door and latch handle and inspect the door for proper gasket contact to firebox front frame. Use the dollar bill test method to confirm bottom, top, left, and right sides of door gasket are in contact.
- 2) Open door and inspect outer door sealing gasket. It should be glued to the door frame/glass panel and completely secure. If any gasket is loose repair by gluing with wood stove gasket cement. A proper gasket is shown in **Figure 4**.



Figure 3 - Testing Gasket

3) First try the right side striker adjustments, as the door closes the left side gasket come in contact first. If the door is square to opening and left gasket is compressed but not over tight (noted by door metal frame on left contacting firebox) than a small adjustment to the upper left striker plate maybe accomplished by loosening the upper phillips screws **(Figure 5)** and moving the striker plate toward the rear of unit by 1/16 or 1/8". Recheck door when latched for tighter gasket.



Figure 4 - Door Gasket in Good Condition

4) Lower right door adjustment is made in a similar way to upper with a 3/8 wrench on bottom of lower striker **(Figure 6)**. This plate generally needs very little adjustment as the leveler catch is closed.

5) Right Side Hinge adjustments are made carefully by loosening the nuts on upper or lower hinge **(Figure 7 & 8)** and moving 1/16. Care need to be taken as getting the door frame to close to firebox will cause a gasket pinch.

**Caution: Adjust handle to close against door gasket with very slight pressure. The door can be damaged by over tightening against gasket.**

Complete door adjustment will provide snug gasket seal and better stove performance.



Figure 5 - Upper RH

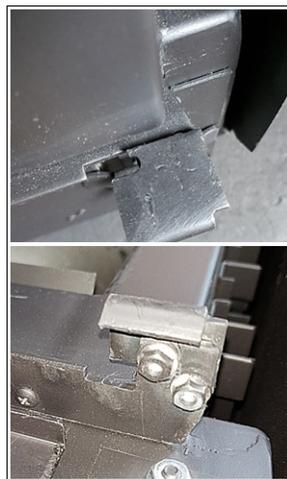


Figure 6 - Lower RH



Figure 7 - Upper LH Hinge



Figure 8 - Lower LH Hinge

\*\*\* Additional information maybe found in your owners manual or visit:

<https://thelinco.com/resources/manuals/>  
<https://thelinco.com/customer-support/replacement-parts/>

For technical assistance:

<https://thelinco.com/customer-support/technical-service/>  
Or Email - tech@thelinco.com

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