

BAFFLE BOARD 2427A

INSTALLATION INSTRUCTIONS

Replaces MPNs: 3120-920

Before Installing

- **ALWAYS** unplug the unit before beginning any work
 - Allow the unit to cool completely if recently used
 - Work in a well-lit area with proper tools
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Installation Steps

1. Disconnect Power

- Ensure the unit is completely cooled down and drained of power.
- Unplug the stove from the powersource.

2. Access the Unit

- Open the main door to the unit. The baffle(s) will be sitting on the inside of the stove firebox, typically laying on top of the reburn tubes in the top of the unit. Some units may use multiple baffles for refractory.
- Remove the front door by lifting it straight up and off the hinges, with the hinge pins remaining in the door. Carefully lace the door face down on a softened surface.
- On most units, the air pipes will need to be removed to access the baffle board. Mark the air pipes in a way that you will be able to replace them to their correct positions once they are removed.
- Study the position of the stainless-steel baffle support (On top of the air pipes, near the front). This support, along with the pipes, will need to be removed.

3. Remove Old Baffle

- Remove the cotter pin on the left side of the middle air pipe using the needle nose pliers.
- Insert a flat-head screwdriver in between the air pipe locking bracket and the secondary air manifold. Gently pry the locking bracket away from the manifold to disengage the two locking pins and allow the air pipe locking bracket to be removed.
- Slide the air pipes to the left to drop down and rest the air pipes and stainless-steel baffle supports on the stove floor.
- Carefully break out and discard the ceramic baffle from the unit. If necessary, use a hammer and chisel to get the broken baffle free and out of the stove.
- Clean the stove wall surface of cement where the new baffle will rest, using the chisel.

4. Install New Baffle

- Slide one of the two new ceramic baffle pieces up into place on the air pipes, with the slightly tapered side aligned to the back of the unit. (The angled cut should be through the center). Make sure this piece is all the way to one side. Slide the second piece up into place. Make sure the two baffle halves slide together, creating a good seal.
 - If the new baffles come as a large singular board instead of two pieces, proceed to cut the baffle in half as shown in the diagram on page __. It should be cut in half across the short dimension (front edge to back edge as installed in the stove) and at a 45-degree angle throughout the cut.
- Reinstall the air pipes, air pipe locking bracket, and baffle support to the stove. It may be necessary to properly seat the pipe lock bracket by gently tapping the bracket in place with a hammer or mallet.
- Insert the cotter pin into the middle air pipe and twist the ends with needle nose pliers to secure it.

5. Connect Power

- Reinstall the front door to the stoves door hinges.
 - Close the front door of the stove. Ensure the door is sealed when closed.
 - Plug the stove's power cord into the power source.
 - Your new baffle is installed and ready to use.
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Post-Installation Check

- Verify all connections are secure
 - Test the seal of the door to ensure proper fitment. The door should be sealed tightly when both the handle is secured and the gasket is at proper thickness.
 - Check the baffles and blankets for damage before final installation.
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Support

If you encounter any issues during installation, consult your owner's manual or contact technical support via our contact form.

Diagram