

BAFFLE BOARD 2438A

INSTALLATION INSTRUCTIONS

Replaces MPNs: 90-76220

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.
- Verify how the old baffle board is retained in your unit. Models that use this baffle board can use 1, 2, or no pins to lock the retainers in place. The number and placement of the pins can affect removal and installation of the baffle board.

3. Remove Old Baffle

- Take note of the position of the front baffle support bracket and remove the cotter pin in the center of the front tube if needed and save it for later reinstallation.

- For two pin models, remove the two longer cotter pins from the center hole on each side of the bracket plate.
- Lift the front baffle support off of the front tube.
- Carefully pull the old baffle out from the stove to remove it.

4. Install New Baffle

- Position the steel plate so that the six holes are closer to the front edge and push the tab with the single hole down through the baffle board.
- position the new baffle above the secondary air pipes with the rounded corners inserted first along the back of the unit. Insert the cotter pin from the original baffle bracket through the hole in the face of the bracket tab that is now in front of the middle air tube.
- Once in place, bend the cotter pin with the pliers to keep the bracket and baffle in place.
 - **For two pin models:** push the two longer cotter pins down through the center hole on each side of the bracket plate and through the ceramic baffle.
 - Place the new board and steel bracket with the cotter pins hanging down through the baffle into the stove.
 - Carefully pass the baffle up through the space between the front and middle tube making sure not to disturb the cotter pins.
 - Drop the two new cotter pins down through the holes in the top of the center tube and bend the ends of the pins now exposed through the bottom of the center air pipe with the pliers
 - **For pinless models:** install the two wire tie downs to retain the baffle before placing it into the stove by forming the wires into a staple shape and pushing the two ends of the wire down through the first and third holes on each side of the baffle bracket.
 - Position the baffle in the stove so that one end of the wire is in front of the center pipe, and one is behind it, and then tie a knot in each of the tie-down wires to secure the bracket and baffle to the center air pipe.

5. Connect Power

- Close the main 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.