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INSTALLATION VIDEO!



*Fine Furniture for
your Hearth and Home*

**Thank you for your purchase of our Inspiration Series
ASTM E136 Non-Combustible Mantel Shelf!**

INSTALLATION INSTRUCTIONS FOR THE PEARL MANTELS® INSPIRATION SERIES

Before getting started, read the "WHAT TO KNOW BEFORE UNPACKING" sheet included in your carton

**Please have at least 2 people
strongly suggest a professional**



**available for the install and we
be consulted.**

-5 ft. Mantel - minimum of **3 studs** are required to safely install.

-6 ft. Mantel - minimum of **4 studs** are required to safely install.

If you are unable to locate enough studs for safe installation, a retrofit is necessary by opening the wall to add wood studs or if in a non-combustible zone, add gauge metal studs.

Always consult a professional

Each fireplace insert/stove is unique and will have a different heat output. Follow the manufacturer's installation instructions for shelf clearances that pertain to your fireplace insert or stove.

It is highly recommended that you consult a professional prior to installation.

General Guideline:

-For a unit output of less than 50K BTU's, the bottom of mantel should be a minimum of 6 inches above the glass trim

-For a unit output of more than 50K BTU's the bottom of the mantel should be a minimum of 12 inches above the glass trim

The following instructions pertain to a wood framing installation

For other installation types, please consult a professional for your specific fireplace conditions

Pearl Mantels® does not assume responsibility and disclaims liability for losses, damages, injuries or expenses arising from the installation of the mantel.

Your carton contains:

Qty 1 Pearl Mantels Inspiration Series Non-Combustible Mantel Shelf

Qty 1 3" x 2" Angled Mounting Bracket, appropriate length for your mantel

Qty 8 2 1/2" Sharp Point Pan-head Wood Screws for installing your mounting bracket into the studs

Qty 3 2 1/4" Self Drilling Screws for securing your Mantel shelf to the top of the mounting bracket

Qty 1 Touch Up Paint

Qty 1 Putty Fill

Qty 1 Paint Brush

What you will need on hand for installation utilizing studs:

- **2 People to lift and install mantel** (please consult a professional)
- Impact/Screw Gun with #2 Phillips bit
- Power Drill with 1/8" Phillips Head Drill Bit
- Stud Finder
- Tape Measure
- Level
- Utility Knife or Scissors
- Safety Glasses
- Rags
- Pencil and Felt Tip Marker
- Rags
- Additional Personal Protection (i.e. gloves, ear protection...)



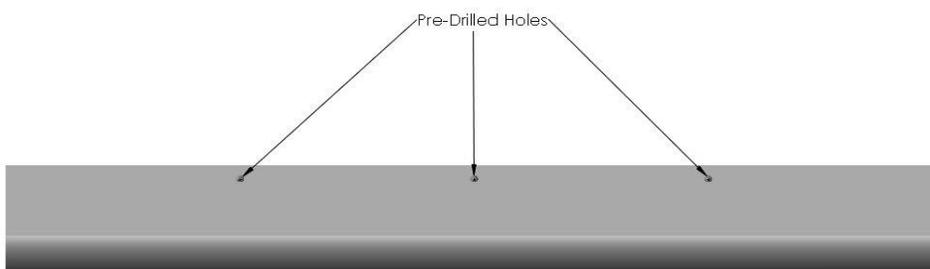
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www.pearlmantels.com

Step 1 INSPECTION OF MANTEL UPON ARRIVAL

- Inspect the box immediately and document any damage by taking photos of it. Instructions for damaged product claims are printed on the white sheet taped to the top of the box. You will need a knife or scissors and some safety glasses to cut the straps.
- When cutting the straps, they may spring up towards you or others so caution should be used when releasing the tension. Inspect your mantel when it is delivered. Hidden damage claims must be made within five days of delivery to receive full compensation from the shipper.
- Remove the blocking with a screw gun and number 2 Phillips bit. If you find damage, photograph the damage, and follow the instructions for filing a claim which are taped to the top of the box. Remove the mounting bracket and the foam to inspect the mantel.
- Review the inspection information on the red sheet. Verify that the plastic bag includes instructions, fasteners, touch-up paint, putty, and brush for the installation. Confirm there is no damage to the mantel. Prior to installation, keep your mantel on a protective surface or store in the original carton.

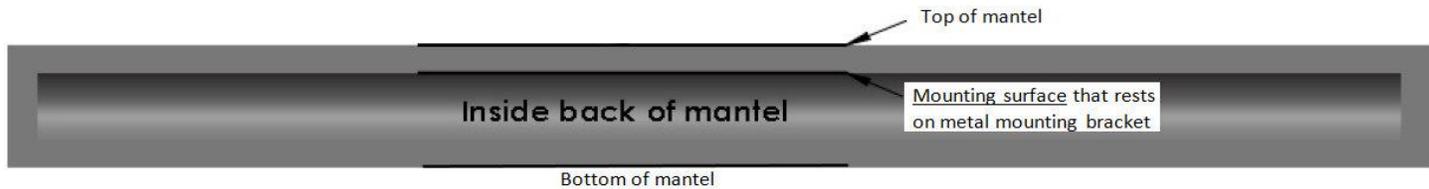
Step 2 JOBSITE INSPECTION

- Mantels are heavy and bulky. Please have at least two people available to move and install this product. At the job site, the installation team should review the unpacking instructions on the red sheet to avoid damaging the mantel. They should also read the installation instructions fully before beginning the installation.
- Fold the box flat to have access to the mantel. Using two people, lift the mantel from the box using the plywood bottom supplied.
- To avoid chipping or scratching the mantel, never place the mantel directly on a hard surface without protection. Position the mantel so the three holes are facing up. Make sure they are clear of any concrete material by test-fitting a green self-tapping screw through the holes. If they are obstructed, use a 1/8 drill to open the hole.



Step 3 MEASUREMENTS

- Carefully rotate the mantel so that the back side is facing up.
- **First:** Measure from the bottom of the mantel to the mounting surface that rests on the metal mounting bracket.
- **Second:** Measure the concrete thickness from the bracket mounting surface to the top of the mantel.



WRITE THESE MEASUREMENTS DOWN, THEY ARE NEEDED TO COMPLETE INSTALLATION

Steps 4-12: MOUNTING BRACKET POSITIONING & INSTALLATION - TWO PEOPLE NEEDED

Step 4 (Step 1) Determine (per the manufacturer's installation instructions for mantel shelf clearances) the minimum heat clearance required for your fireplace equipment. Starting from the top of your firebox measure up to the minimum clearance and make a small pencil mark on the wall. **Label this mark as "Minimum."**

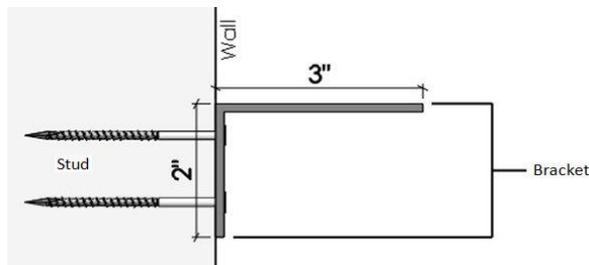
(Step 2) From the "**Minimum**" mark, add the distance recorded from the **First** mantel measurement (see **Step 3 Measurements**) and make a small pencil mark on the wall. **Label this mark as "Bracket."** From this mark, add the distance recorded from your **Second** mantel measurement and with a pencil, **label this mark as "Mantel."**

Step 5 Marking bracket location

Place your level on the mark labeled "**Bracket.**" Adjust to a level position, and while holding in place, use a pencil to trace a two to three-foot line parallel with the top of the level.

Step 6 Bracket mounting position

Your mounting bracket is a 3" x 2" angle. The 2" side attaches to the studs behind your mounting surface. The 3" side is the top of the bracket and supports the mantel. Flip the bracket around to observe the correct mounting position.



Step 7 Find the "center" of your fireplace

Locate the center of the fireplace and mark with a pencil. Using your level as a guide, turn it vertically (make sure it is level) and draw a line from your fireplace "center" mark until it crosses the traced line from Step 6 and make a mark with a pencil. **Label this mark "Center."**

Step 8 Find the "center" of your mounting bracket

Locate the center of the mounting bracket and mark the center of the top of the bracket (3" side) with a felt-tip marker. The 2" side is placed against the wall and the 3" side is the ledge the mantel sits on.

Step 8 cont. From the bracket mark, add the distance recorded from **Step 2 in Measurements** and make another small pencil mark on the wall. **Label this mark "Mantel."**

Remember the top of the mantel will be above the top of the metal mounting bracket by the thickness in the concrete edge from **Measurement 2 in Step 2**.

Step 9 Locate studs

Use a stud finder to locate the wall studs. Mark the stud locations by making a 1-inch vertical pencil mark below the bracket line created in Step 5.

Step 10 Mark stud locations on mounting bracket

Center the mounting bracket on the wall and transfer the stud location markings to the metal bracket with a permanent marker. Drill 2 holes vertically on each of your stud location marks. Use a power drill with a 1/8 inch metal drill bit. The plywood packing material may be used to protect surfaces while drilling the holes.

A minimum of 3 studs required to mount a 60-inch mantel and 4 studs for a 72-inch mantel.

Step 11 Attaching and leveling the mounting bracket

- Use one of the provided silver pan-head wood screws to temporarily hold the mounting bracket to the wall. Check and adjust the mounting bracket with a level before securing the bracket with the remaining pan-head wood screws. Tighten the screws until they are flush to the mounting bracket. Do not overtighten.

Step 12 TWO PEOPLE NEEDED Securing Mantel Shelf to Bracket

- Use two people to place the mantel on the mounting bracket and center it over the fireplace. The center hole on top of the mantel should align with your center mark on the mantel, bracket and wall.
- One person should hold the mantel in place while a second person secures the mantel to the mounting bracket. Make sure the mantel is flush and tight to the wall and centered exactly before using the self-drilling screws to fasten the mantel to the mounting bracket.
- Starting with the center hole, use the green metal screws to fasten the mantel to the bracket. Self-drilling screws require some speed and pressure to penetrate the metal bracket, but the installer must be ready to slow the drill speed as soon as the screw threads begin to bite into the metal.
- Slowly run the drill until the screw head is flush with the countersunk hole. Do not overtighten screws past the countersink area.

TOUCH UP KIT

- The touch-up kit contains paint, putty, and a paintbrush. Use these items to fill in and camouflage the screw heads on top of the mantel, or to repair nicks and scratches.
- The putty should be used to fill the countersink area around the screws. It is color coordinated to match the mantel's base color. Use small amounts and avoid spreading the putty beyond the countersink areas. This will minimize cleanup time and keep the woodgrain surface intact. Use a damp rag to remove any extra putty on the mantel surface.
- Allow the putty to firm up a little before applying paint. Use the paintbrush and touch-up paint to cover the putty. A small piece of cardboard from the packaging can be used to adjust the amount of paint on the paintbrush. Use light coats of paint to build up the color to match the factory coloring.

A damp cloth should be used to blend the color and remove any excess paint.