

# **MagraHearth Mantels Mounting Instructions**

## **Non-Combustible ASTM E-136\***

\*Standard Test Method for Behavior of Materials in a Vertical Tube Furnace of 750 Degrees

### **Tools needed:**

### **Parts:**

Power screw driver with Phillips head drive	1- MagraHearth Mantel
Level	1- Mounting Bracket 2" x 3"
Tape Measure	4- 2 ¼" self-drilling screws for Mantel
Stud Locator	8- 2 ¼" sharp point screws for Mounting Bracket

- **Mantels are true replications of century's old & natural materials. There are inherently irregular aspects of these artifacts.**
- **All pieces can be cut to size – Use a diamond blade 4 ½ inch grinder or circular saw. Wearing safety glasses, and respirator is recommended.**
- **Recommended two people to lift and install mantel.**

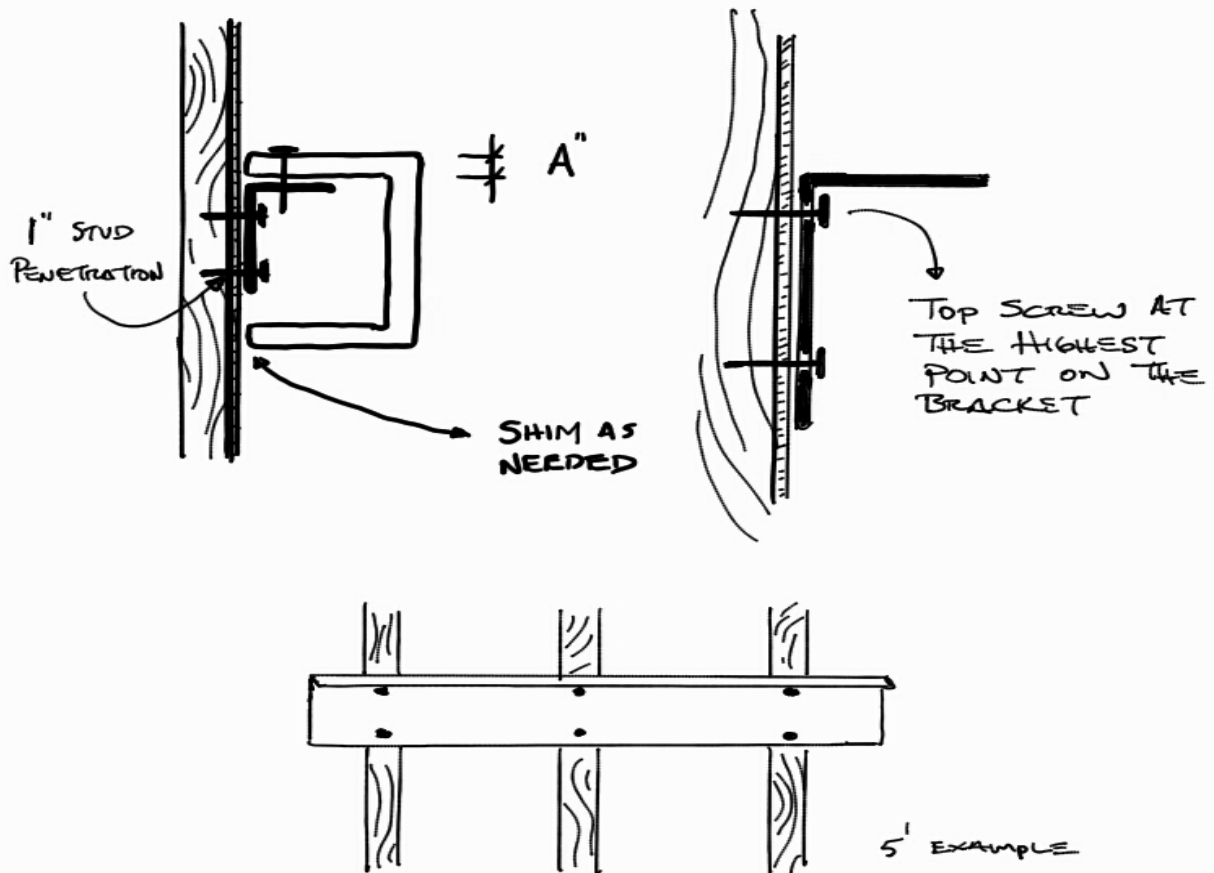
### **Note:**

- **If you are unable to find studs, you need to open the wall and add wood studs or 16 gauge metal studs if in the non-combustible zone.**
- **A minimum of three studs are required to safely install a 5 ft. mantels, minimum 4 studs for 6 ft. mantels. Using 2 ¼" sharp point screws, attach mounting bracket to studs with two screws per stud. See drawing on page 2 for details.**
- **The mounting bracket that is 2" x 3" should be installed 3" flat on wall with 2" on top.**
- **If part or all of the mantel is over the metal face of the unit, self-tapping screws may be used to install mounting bracket directly to the unit.**
- **If attaching mounting bracket over a masonry surface use proper masonry anchor for the type of surface you are attaching to- consult your fastener supplier. The anchor should be able to support 4 times the load.**
- **Bottom of mantel should be a minimum of 6 inches above the glass trim of any unit less than 50K BTU's. Bottom of mantel should be a minimum of 12 inches above the glass trim of any unit exceeding 50K BTU's.**

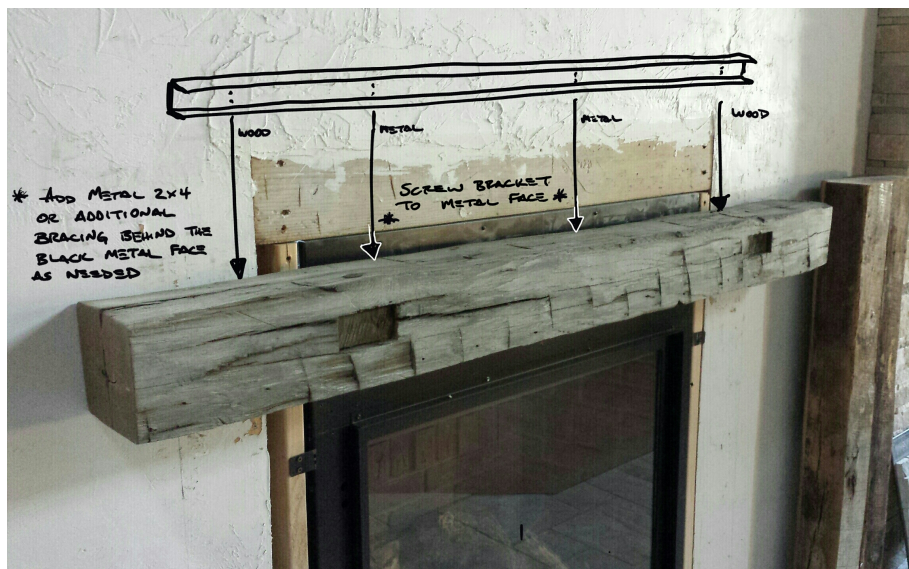
### **INSTALLATION INSTRUCTIONS**

- **Step 1.** Unpack mantel from box. Remove protective foam. Note: The top flange of mantel has pre-drilled mounting holes.
- **Step 2.** Remove mounting bracket carefully from inside mantel. Mounting screws will be in a plastic bag inside the mantel.
- **Step 3.** Determine and mark vertical and horizontal center for top of mantel on wall.

- **Step 4.** Due to varying mantel sizes, subtract dimension "A" from top mantel horizontal centerline for mounting angle placement.
- Now that you have determined the correct height for attaching the mantel draw a horizontal line. Install centered mounting bracket with 2 sharp point screws
- You will need two people to place the mantel on the bracket and check for level, take the mantel off and stabilize the mounting bracket with remaining screws.



\*Picture below is if mantel is over metal on fireplace unit. Still finding 3 studs for 5ft and 4 studs for 6ft mantels.



#### Step 5.

- With 2 people, lift mantel and place over mounting bracket.
- When centered and flush against wall, place (1) 2 1/4" inch self-drilling screw in the center pre-drilled hole on top of mantel. Screw through mounting angle until fastener head is flush with countersunk hole. **DO NOT OVER TIGHTEN.**

**\* Fasten screws through the provided holes on top of mantel. Do not screw through the bottom of the mantel.**

#### Step 6.

- Check mantel for level front to back.
- Shims may be required to level mantel. Install non-combustible shims over the studs.

Your installation of the MagraHearth Mantel should now be complete. If you have any questions, you can contact us at [techsupport@magrahearth.com](mailto:techsupport@magrahearth.com).