

# MantelMount™

## RB100 Recess Box Kit Addendum

**For Use with MM340 - MM540 only**

### IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS

Please read this entire manual before you begin.

Do not unpack any contents until you verify additional requirement on PAGE 2.

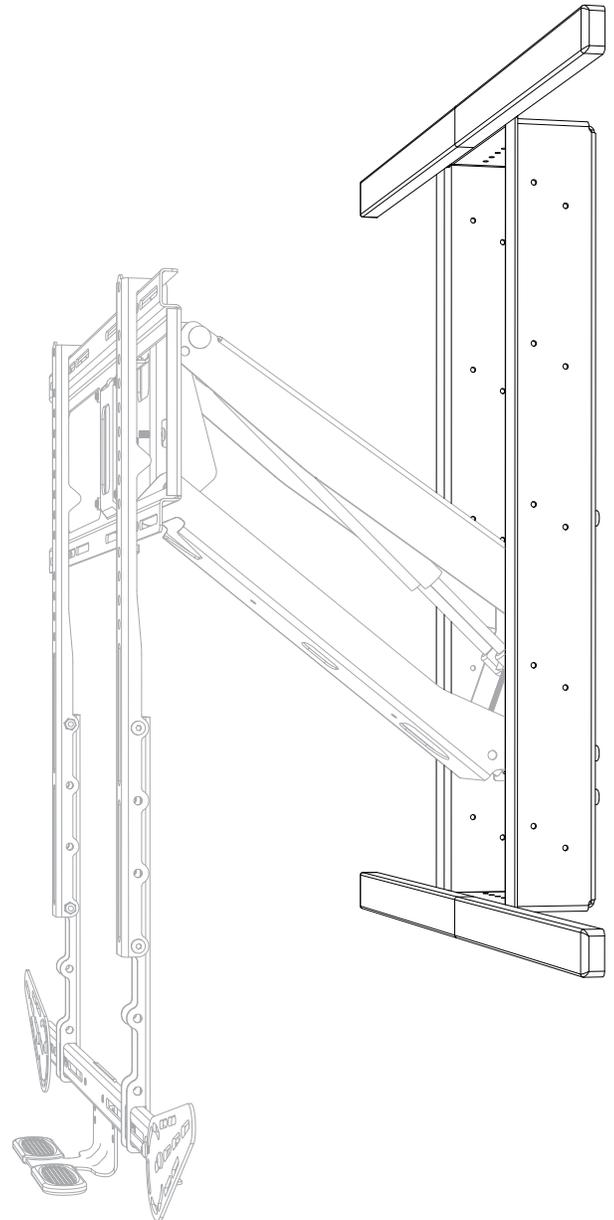
If you have any questions, visit [MantelMount.com](http://MantelMount.com) or call (800)-897-9755.

This Addendum is not a stand-alone set of instructions, it is only to be used together with the MantelMount MM340-MM540 Installation Manual.

The steps in this Addendum replace the correlating numbered steps that are in the Installation Manual. The letter "a" has been added to the steps in this Addendum that are specifically used for the installation of the Recess Box. Example: step "1.5a" replaces step "1.5" in the manual.

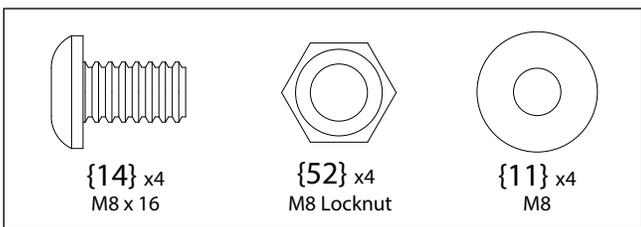
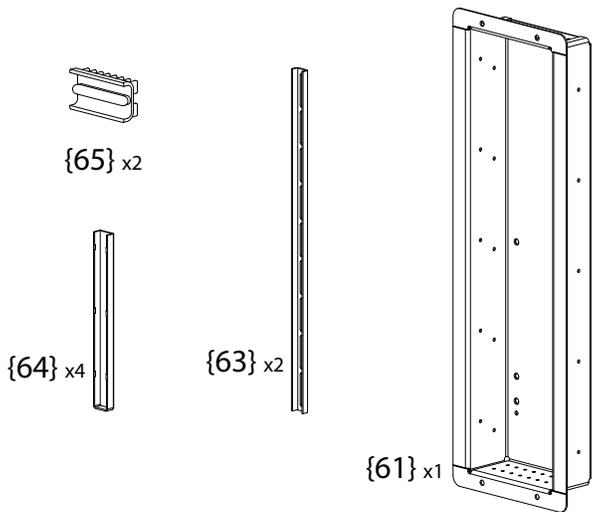
You must complete every step in the Installation Manual unless there is a replacement step in this Addendum.

Please read the entire Installation Manual and also this entire Addendum before you begin. Do not unpack the contents of any MantelMount package until you verify that your installation meets all of the requirements listed in

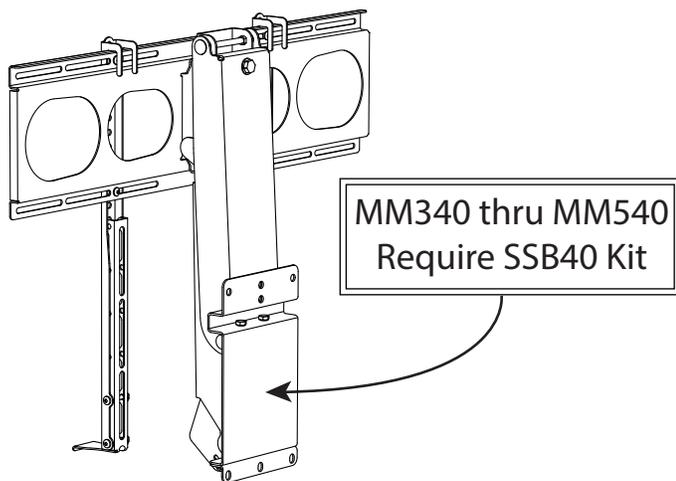


# RB100 Recess Box Kit

Before you begin, please verify that all components are included and undamaged. If any parts are missing or damaged, contact MantelMount. Never proceed with missing or damaged parts!



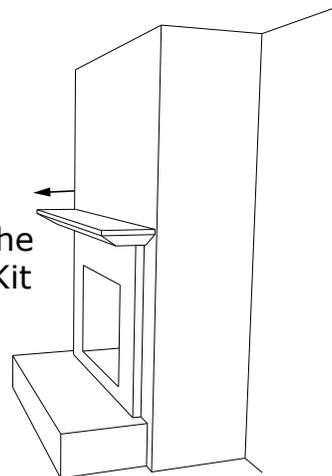
**IMPORTANT:** MantelMount MM340 thru MM540 require the installation of the SSB40 Adapter Plate, available at mantelmount.com.



**IMPORTANT:** The RB100 will reduce the maximum mantel depth for MM340-MM540.

Installation with the Recess Box will reduce the maximum size of the Mantel to 15 inches. MantelMount installed with the Recess Box can not extend past a mantel larger than 15 inches. Also note that the Recess Box will reduce the amount of side-to-side swivel because it does not extend out as far.

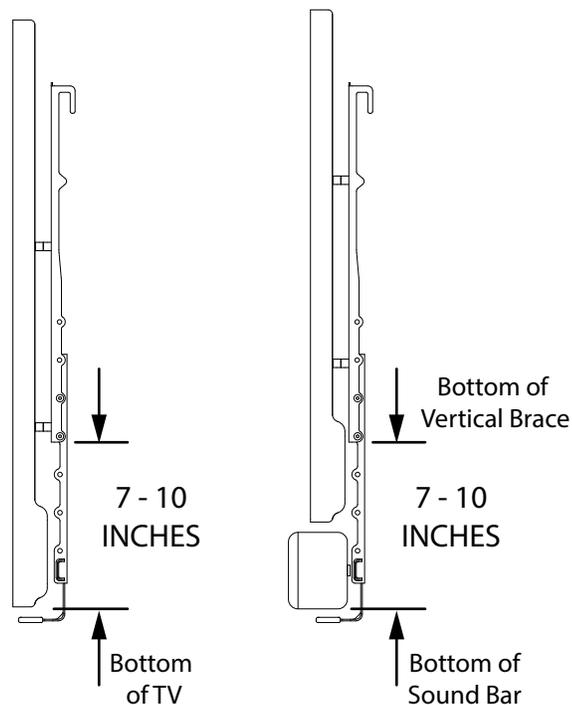
15 inches  
MAXIMUM  
When using the  
Recess Box Kit



## 1.5a

**IMPORTANT INFORMATION:** The Vertical Braces {31} must be mounted between **7 and 10 inches** from the bottom of the TV, (or the bottom of the soundbar if one is used), in order to hide the bottom of the Recess Box.

Measure the final installed distance of the Vertical Braces and use this distance in Step 2.2a.

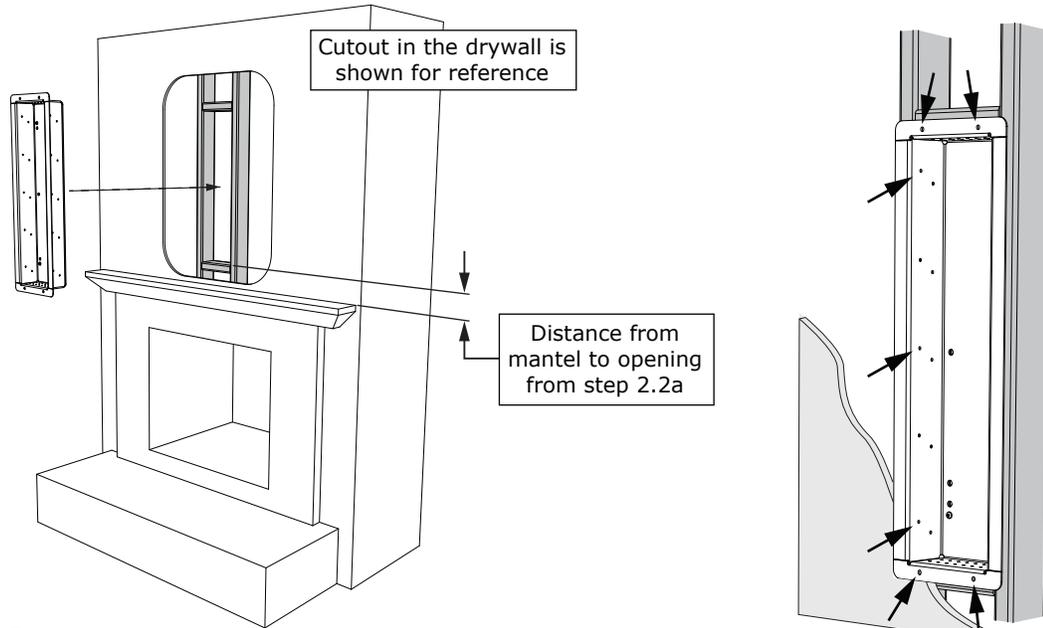


Use this distance in Step 2.2a

Please review the different options for installing the Recess Box:

### Custom Built Wall Studs:

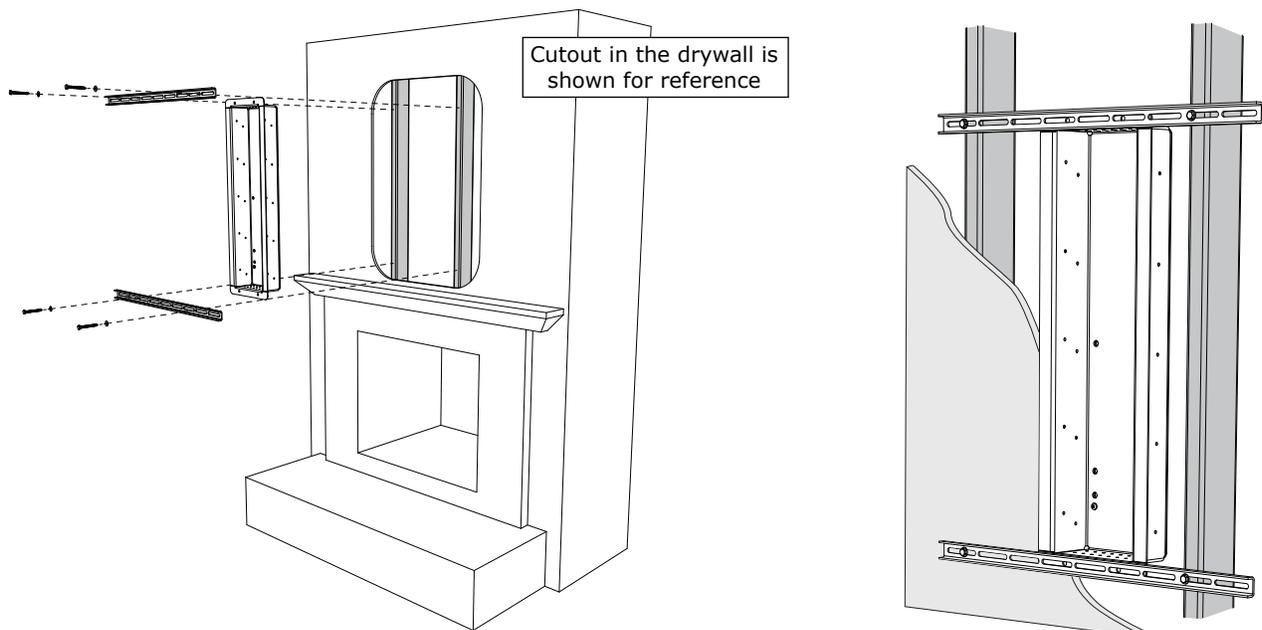
New wall studs are installed to fit the exact dimensions of the Recess Box. This requires new drywall as well. The stud opening is 716mm tall and 187mm wide, however the best option is to use the Recess Box as a template when nailing in the studs. The drywall cutout is aligned with the inner opening of the studs, and the flange of the Recess Box covers the cut edge of the drywall. The Recess box is installed using several wood screws (not included), at least six screws per inner side and two per top and bottom flanges. Note that the Braces and Brace Covers are not used in this installation. This custom installation is not covered in this Addendum.



### Standard Wall Studs:

This is a more convenient installation because the existing studs and drywall are used. The Recess Box is attached to the Recess Braces which span horizontally until they reach the nearest studs. The Braces are attached to the studs with the Lag Bolts included with MantelMount MM340-MM540. The Recess Box will float between two studs, attached only to the Braces. The drywall opening is cut using an included cardboard template. The flange of the Recess Box covers the cut edge of the drywall, and the paintable Brace Covers conceal the Recess Braces.

NOTE: If the existing studs are too far apart for the horizontal Recess Braces to reach, (for instance: a center stud needs to be cut out to make room for the Recess Box), longer Braces are available from MantelMount.com.

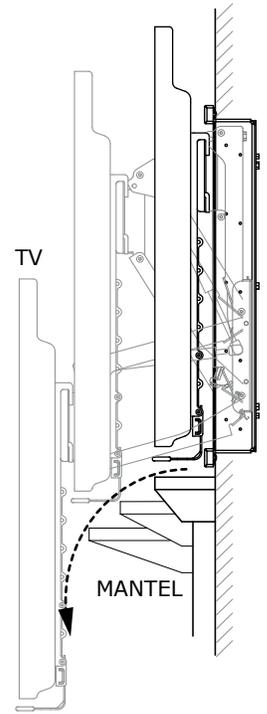


**2.2a RECESS BOX KIT - Determine the Vertical Position of the Recess Opening:**

The image at right shows that MantelMount travels downward in an arc. The installation height of MantelMount depends on two dimensions: how far out the mantle extends, and how high the Vertical Braces are attached on the back of the TV. This height will prevent the TV from hitting the mantel when it is lowered.

**Use the Look-Up Table below to find the minimum distance between the mantel and the bottom of the cutout opening for the Recess Box.**

NOTE: If the available wall space above the mantel is close to the required space in the table from Requirement #2 on Page 2 of the manual, (due to the ceiling, for example), then it is important to use the exact dimensions from this chart. However, if the available wall space above the mantel is much taller than required, then these heights are only *minimum* requirements.



**USE THIS CHART FOR INSTALLATION STEP 2.5a**

**Depth of the Mantel**

	8" or less	9"	10"	11"	12"	13"	14"	15"
7"	4.75"	5.25	6.00	7.00	8.00	9.00	10.50	12.50
8"	5.75"	6.25	7.00	8.00	9.00	10.00	11.50	13.50
9"	6.75"	7.25	8.00	9.00	10.00	11.00	12.50	14.50
10"	7.75"	8.25	9.00	10.00	11.00	12.00	13.50	15.50

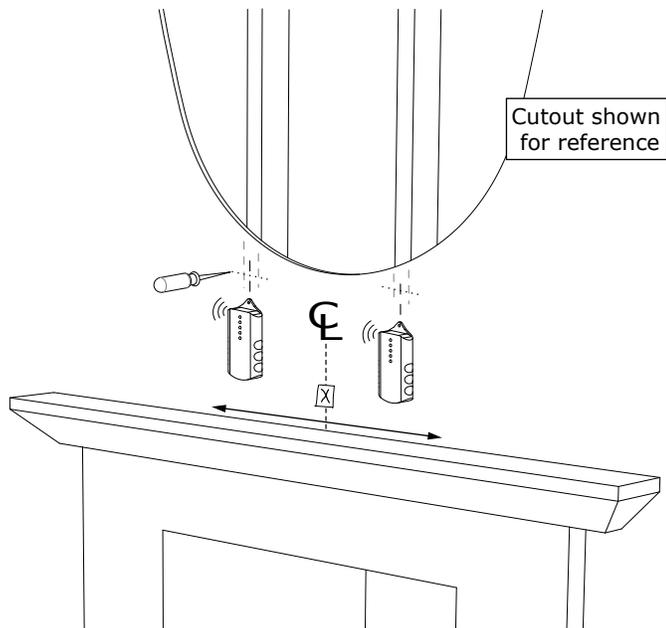
**Installation Height for Step 2.5a**

## 2.4a

Measure the centerline of the mantle. Mark with tape on the wall.

Locate at least two studs with a stud finder. Locate the center of these studs by using a sharp awl or finish nail poked through the drywall to locate each edge. Lag bolts must be installed into the CENTER of the studs.

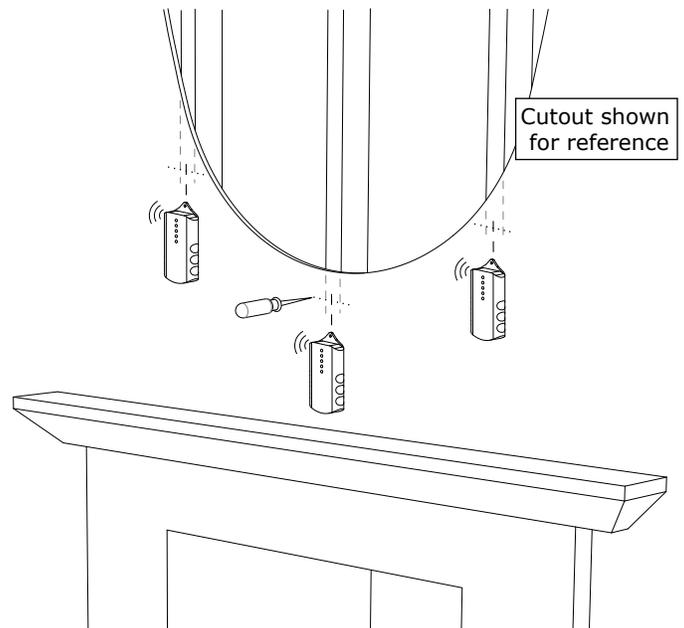
Find the centers of the studs at both upper and lower locations. The upper Lag Bolts are most important, as they carry more of the weight of MantelMount.



## CENTER STUD

If there is a center stud within the Template tracing, and this stud is NON-BEARING only, the section of this stud inside the tracing will need to be cut out. One stud on each side of the center stud must also be located.

**IMPORTANT:** This situation might require longer Recess Braces {63}, available from MantelMount.com.



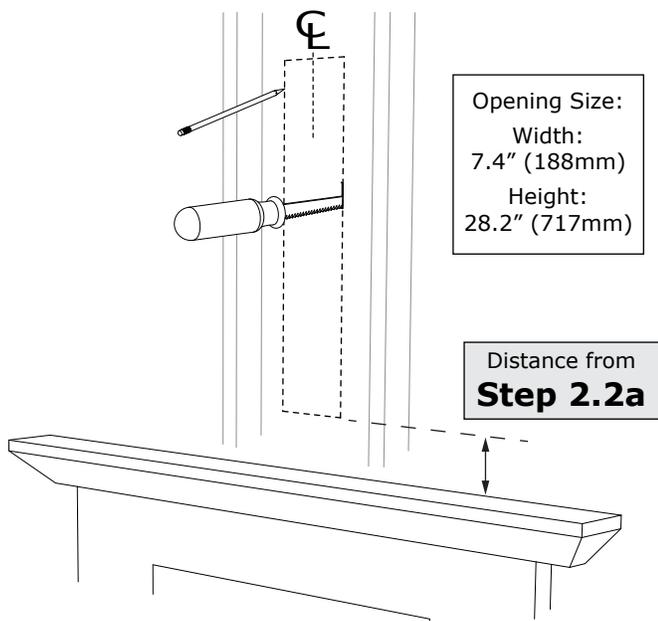
## 2.5a

Trace the Cardboard Template vertically onto the wall about the centerline at the correct height from Step 2.2a. Use a level vertically to ensure the cutout will be plumb.

Cut out the opening along the Template tracing.

### ⚠ WARNING:

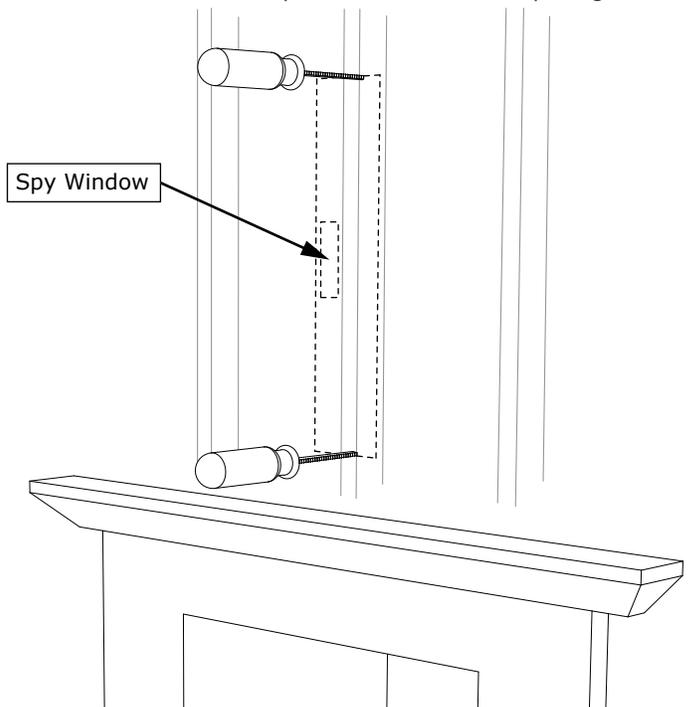
Do Not cut or damage fireplace components! This can allow gases to escape into the house leading to injury or death! Check closely for any damage after cutting the opening. CONSULT A GAS OR FIREPLACE PROFESSIONAL IF YOU ARE UNCERTAIN OR REQUIRE ASSISTANCE.



## CENTER STUD

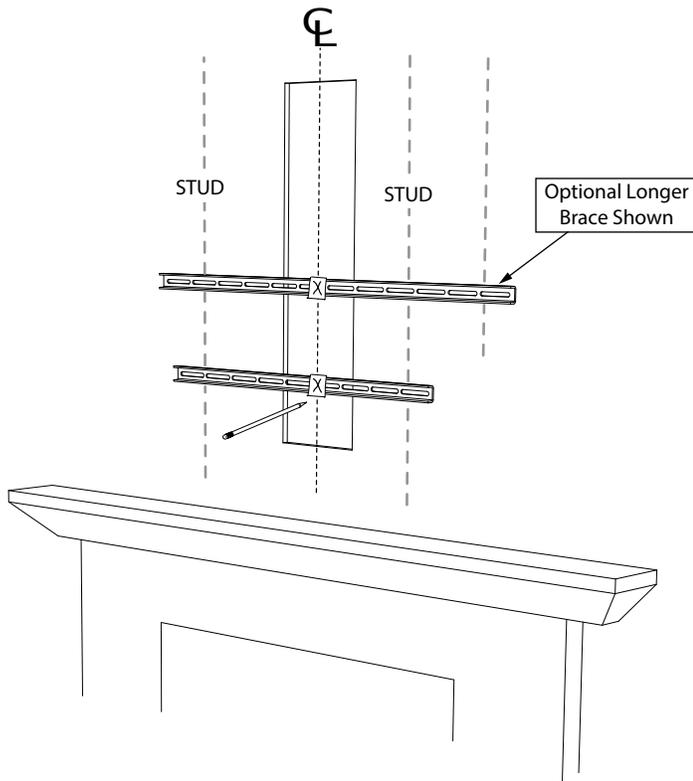
Before cutting the opening, cut a small "spy window" along the stud and within the Template tracing. Use the window to identify any fireplace components behind the wall you must avoid when cutting the stud.

Cut the stud at the top and bottom first. The drywall will hold the stud in place. Then finish the opening.

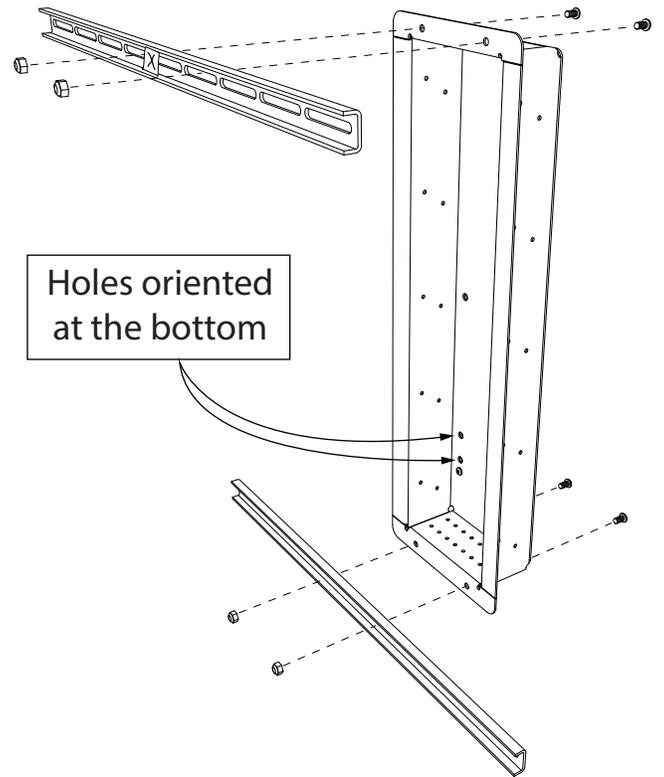


**2.6a** Align a Recess Brace {63} to the studs in order to locate the center line onto the Brace. An equal amount of the Brace should extend past each of the studs.

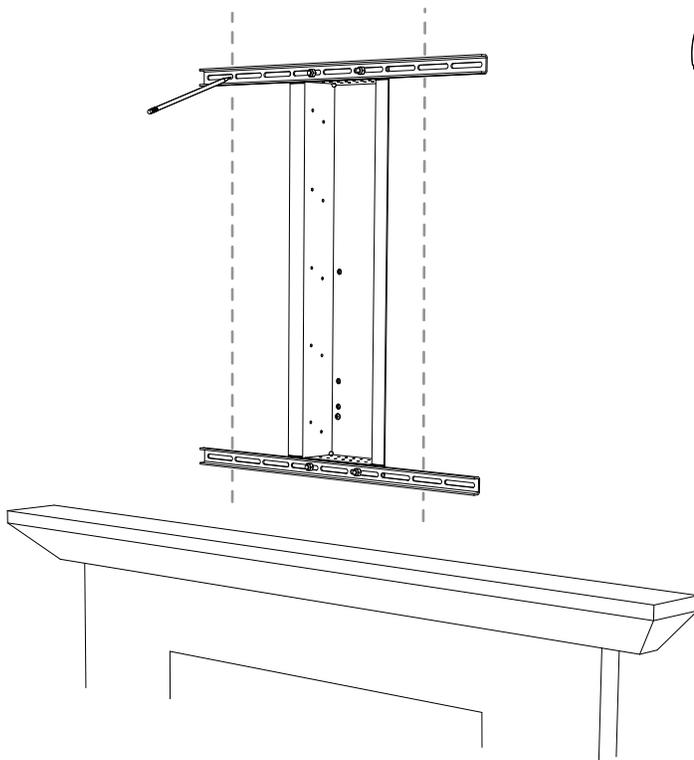
The Recess Brace may extend more to the left or right when the installation is finished.



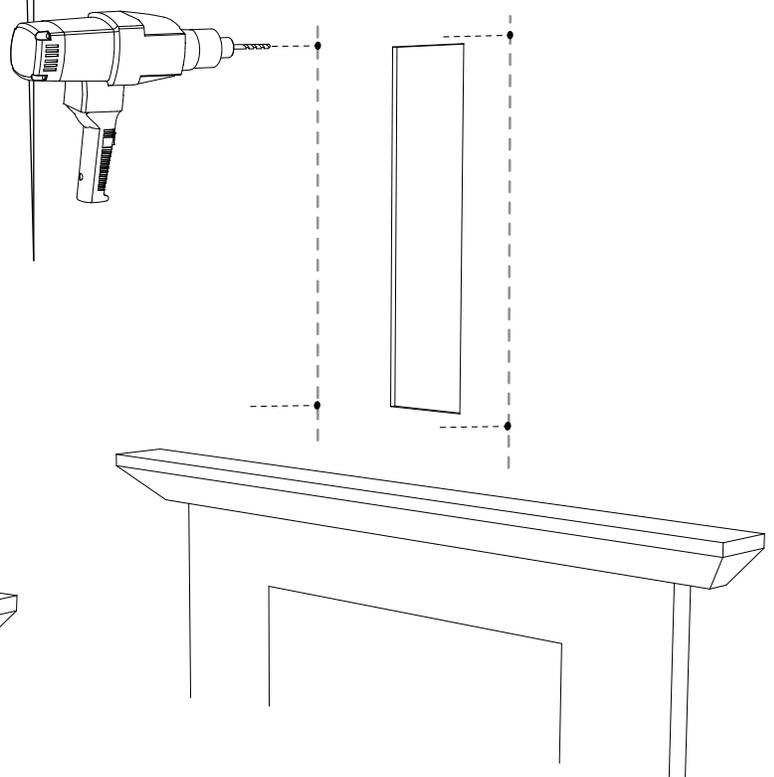
**3.1a** Install the Recess Braces onto the Recess Box {61} aligning the center mark to the center of the Recess Box. install Screws {14} from the back and the Locknuts {52} from the front. Tighten Securely. The heads of the Screws will protrude slightly in back and will need to be pressed into the drywall.



**3.2a** Temporarily fit the Recess Kit into the hole and mark the locations for the four Lag Bolts onto the centers of the studs. The Lag Bolts must be installed into the centers.

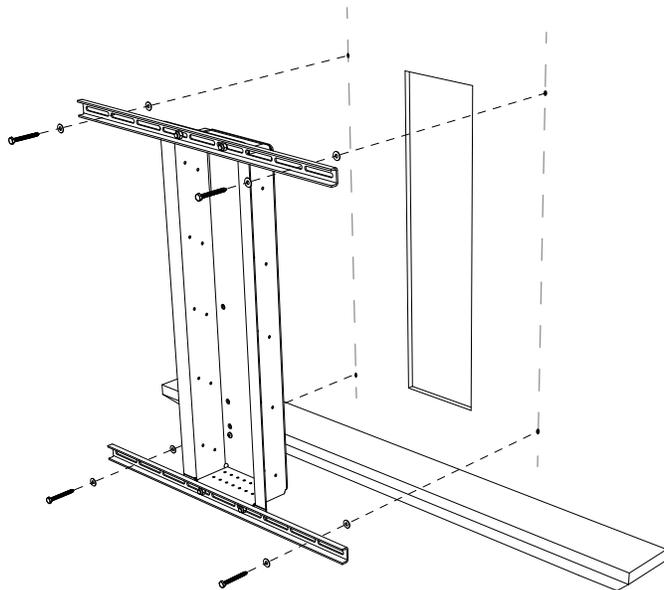


**3.3a** Pre-drill the 4 holes with 1/64" drill bit to a depth of 2.5 inches (65mm) including wall covering. Note: Wall covering (drywall) must not exceed 5/8" thickness.



**3.4a** Attach the Recess Kit using Lag Bolts {17} and Washers {11} directly into the centers of the studs. Add an additional set of Washers {11} between the Braces {63} and the wall (tape them to the wall beforehand if needed) to compensate for the thickness of the Recess Box flange.

The screw heads that attach the Recess Braces to the Recess Box will need to be pressed or tapped into the drywall so that the flange is flush with the wall.

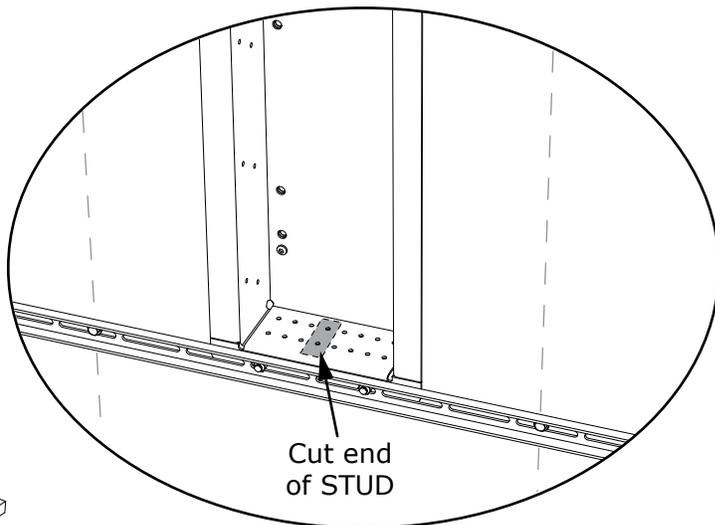


## ⚠ CAUTION:

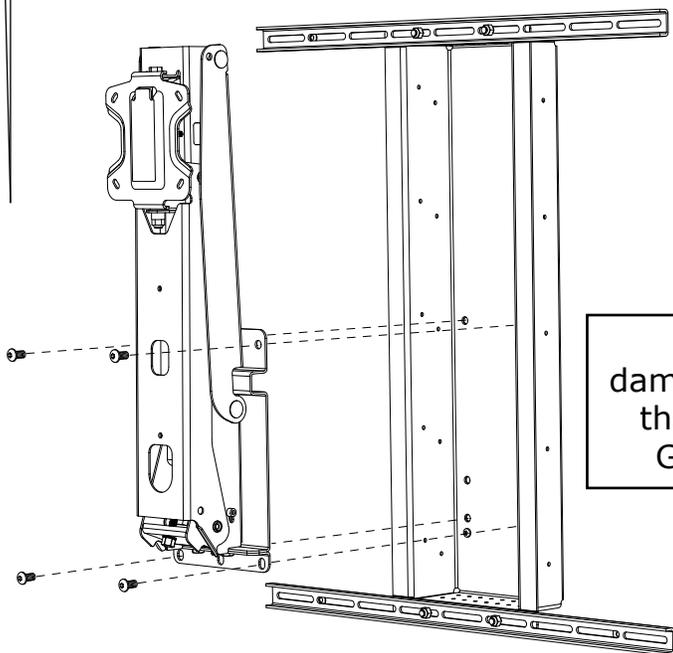
Do Not overtighten Lag Bolts {17}. Tighten only until the washers are firmly against the Braces. Damage due to overtightening can cause property damage or injury.

### CENTER STUD

If a center stud was cut to make room for the Recess Box, the loose ends of that stud must be attached to the Recess Box at the top and bottom. Locate the ends of the stud through the holes shown and use two wood screws (not included) at both top and bottom.



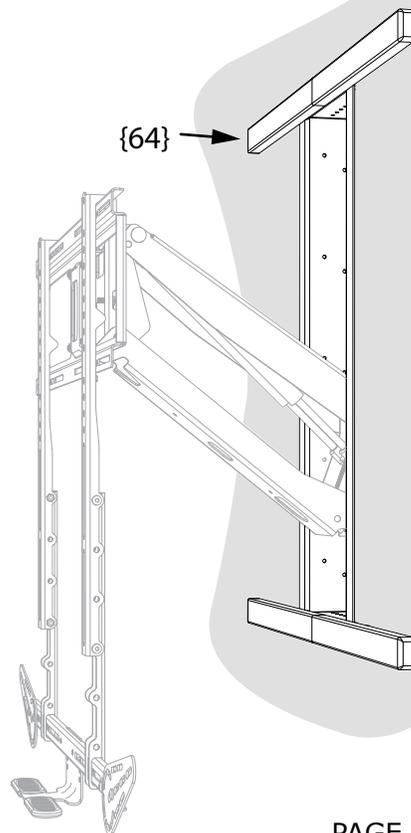
**3.4b** Attach the Lifting Mechanism {35} with the SSB40 attached into the Recess Box using Screws {14} from the MantelMount parts kit. Tighten securely.

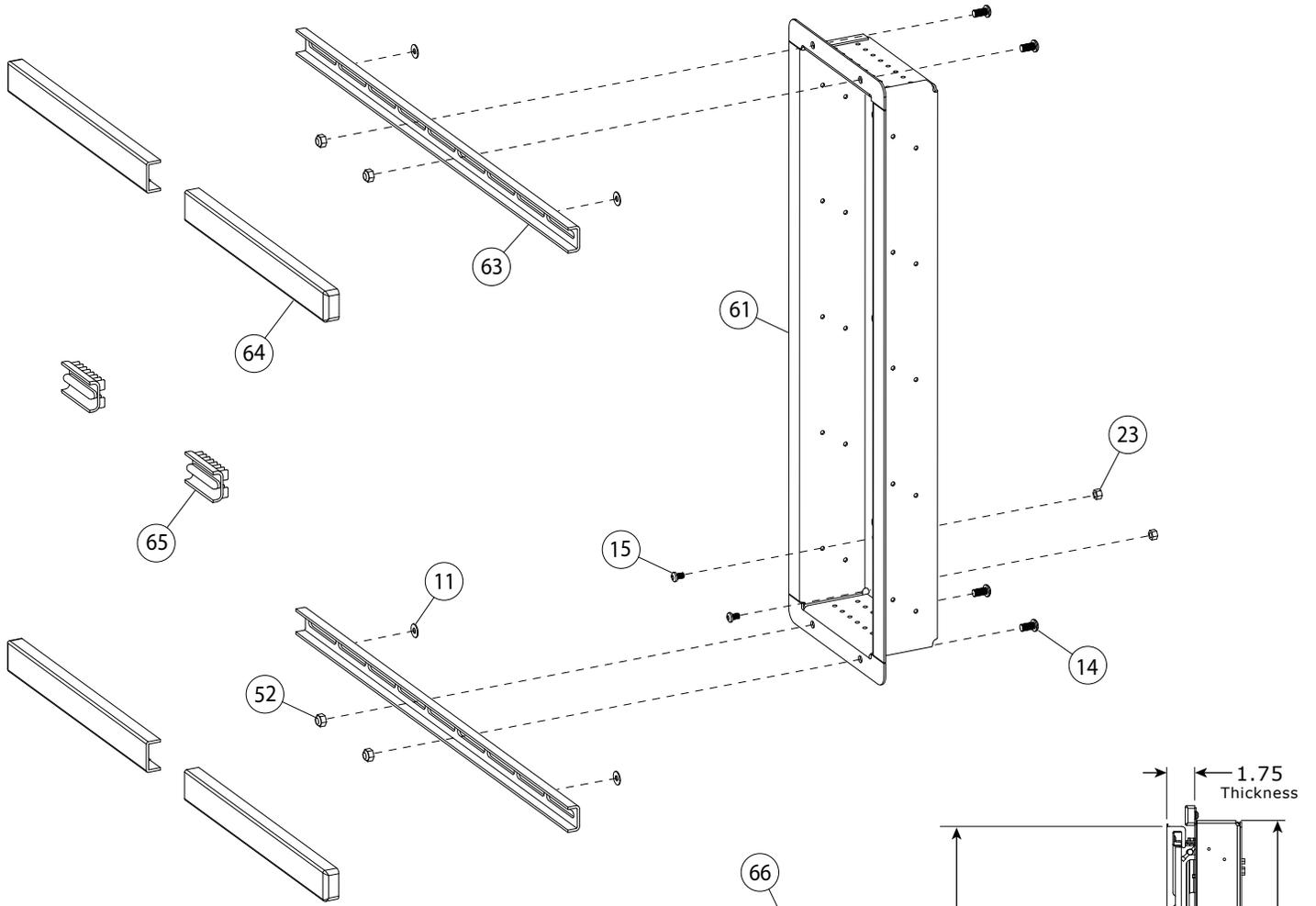


When the installation is complete, slide or snap on the paintable Brace Covers {64}.

Return to STEP 3.5 in the MM340-MM540 Installation Manual.

**DO NOT**  
damage or scratch  
the rods of the  
Gas Springs!





66  
67  
**RB100 ADDENDUM**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
11	14126	Washer M8	4
14	12176	Round Head Screw M8 x 16	4
15	12178	Round Head Screw M6 x 10	2
23	12185	Nut M6	2
52	12187	Locknut M8	4
61	13050	Recess Box	1
63	13048	Recess Brace	2
64	12110	Brace Cover	4
65	12135	Rubber Bumper	2
66	15041	Cardboard Template	1
67	RB100A	Addendum MM340-MM540	1

