

HOVR SLIM - 1 1/8" TALL BRACKET - BASIC INSTALLATION QUICK GUIDE - PREMADE SHELF



PREMADE SHELF QUICK GUIDE

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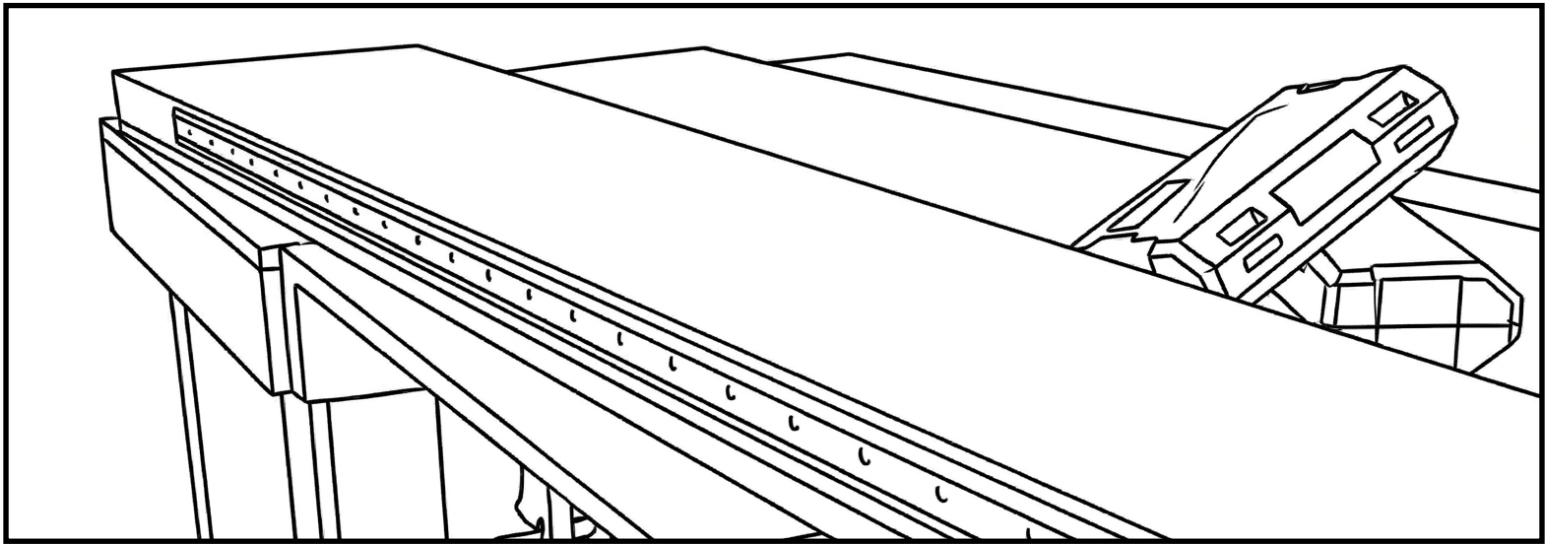
WHAT YOU NEED

HARDWARE

12 x 2 1/2" GRK #10 R4 Screw
(per 4 ft of bracket)
4 x 1/2" - Set Screws - 5/16" #18
Course Thread (1 set screw per foot)
1 x Hex Key - 5/32"

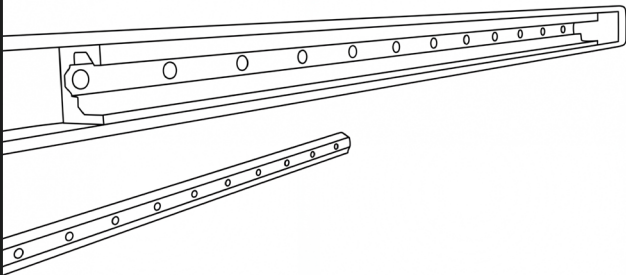
TOOLS REQUIRED

Tape Measure
Electric Drill
Level
Stud Finder



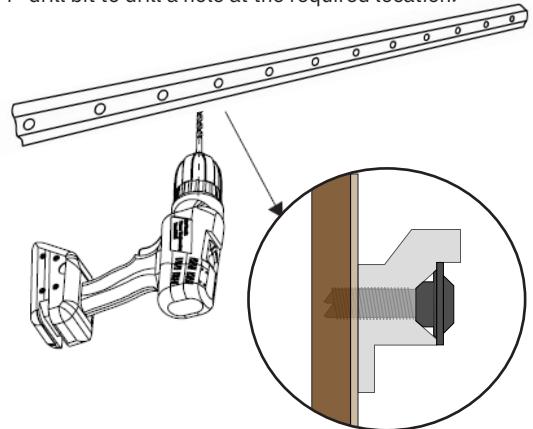
STEP 1 - REMOVE MALE BRACKET

Most resellers simply tuck the male (wall mounted) bracket into the channel in the back of the shelf facing inwards to package the product for resale. You will need to unscrew/loosen the set screws on the underside of the shelf to unlock the brackets, then simply pop the wall (male) bracket out from the back of the shelf (female) bracket and set it aside to prepare for install.



STEP 2 - PREPARING THE MALE BRACKET

Find and mark your studs. It is recommended to anchor to a minimum of 2 studs. There is a hole every 2" along the bracket. If by chance the predrilled holes in the male bracket do not match up with the stud location, please mark the location on the male bracket. Use a 1/4" drill bit to drill a hole at the required location.



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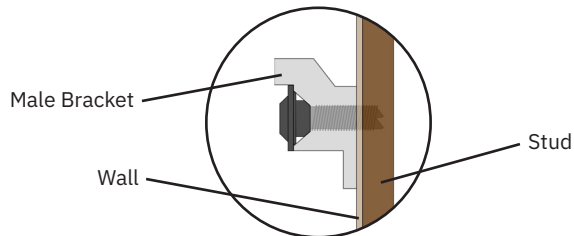
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STEP 3 - ATTACH MALE BRACKET TO WALL

When attaching the male bracket to the wall, please use the GRK #10 3 1/8" wood screws. Start by drilling one screw into the first stud but not tightening all the way. Then using a level, make sure the bracket is leveled before drilling your second screw into the other stud(s). Then tighten the remaining screws.

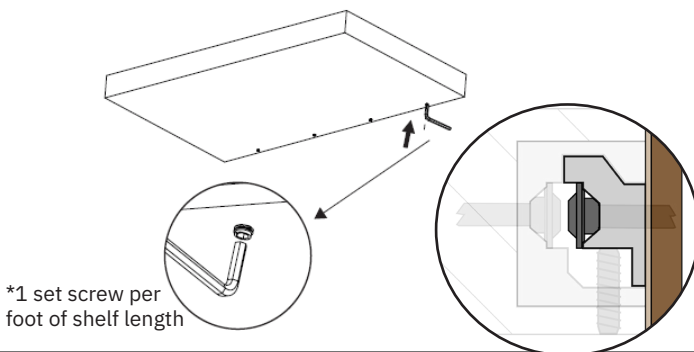
***Important:** Make sure the screws in the male bracket are sufficiently tight against the wall. Too loose and the connection of the shelf to the wall may not be stable and the shelf may wiggle. Too tight and the male bracket may bend and fail to engage with the female bracket.



STEP 5 - SECURE BRACKETS TOGETHER

Resecure the set screws into the pre-drilled & tapped holes from step 3. Screw them in tight, securing them with the provided hex key. The tighter the better. You may choose to also use Epoxy glue alongside the set screws, for a more permanent, stronger install.

Combining both methods together gives the strongest results. You can find out more at hovrsolutions.com/learn.



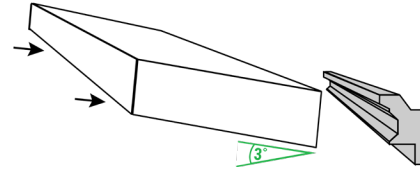
IMPORTANT TIP #1

Please use the specified hardware described in this installation guide. By not using the specific items, you may cause a loss of integrity of the Hovr Bracket System, and thus, decreased performance. It is recommended that yearly checks are done to ensure a proper hold on the wall, such as tightening of set screws.

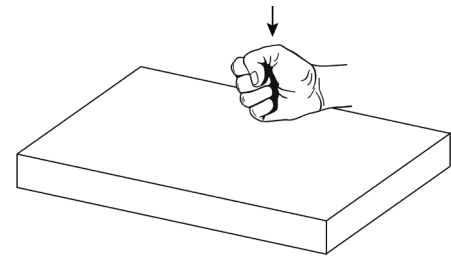
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STEP 4 - COMBINE BOTH BRACKETS

Tilt your shelf downward at a 3° angle to begin engaging the 2 brackets together. Hook the upper part of your female bracket onto the upper part of the male bracket. Once you feel the grooves begin to interlock, the next step is to secure them together...



To do this, apply 2-3 taps at the back of the shelf where the brackets sit. This should cause the brackets to snap fully into place, leaving a level shelf. You can use a hammer with a block if needed to add extra force at the back of the shelf to get the brackets to engage (Sometimes more force is required than what you can generate with a fist, especially for longer length shelves)



IMPORTANT TIP #2

It's important that the male bracket is flush against the wall. If you bend it, it may fail to engage correctly with the female bracket, resulting in a failed installation. That being said, not all walls are straight, and you can leave up to 1/4" of space between the back of the male bracket & the wall without the integrity or holding capacity being compromised.

For bowed walls (especially when bow is 1/4" or less), follow these steps in order:

Step 1: Tighten the male bracket fully to the wall, ignoring the bow, and see if you can apply enough force (Step 6) to the top back of the shelf to get the brackets to engage. If that doesn't work...

Step 2: Slightly loosen the screws of the male bracket by a quarter turn or less. Start with only the sections where the bracket is bending most due to the bow, but all screws may need to be loosened slightly (1/4 turn or less to start). Now try again to see if you can apply enough force to the top back of the shelf to get the male and female brackets to engage with each other (Some trial and error may be required). If that doesn't work...

Step 3: Shim out the sections affected by the bow and causing the male bracket to bow on the wall, ensuring the male bracket is straighter on the wall. Now try engaging the brackets again.

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