

Starby Heavy Duty Bracket Installation Guide

The installation of your brackets will differ based on the application and mounting surface. This guide helps explain the process of installing your heavy duty brackets on a variety of surfaces.

How to install your brackets over wood

Tools:

- ☐ Level
- ☐ Tape measure
- ☐ Pencil
- ☐ Drill
- ☐ Drill Bit
- ☐ Screws

Installation Procedure:

1. Decide on the position on the wooden surface where you want to install the bracket and hold it in place.
2. Now, using a pencil/black sharpie, mark the positions of the screw holes on the wood. Make sure you get a mark corresponding to the middle of each hole.
3. Use screws to mount the brackets according to the size of the screw holes.
4. Choose a drill bit that's slightly smaller than your screw and drill holes into the wood.
5. Always ensure that the drill bit is smaller than the screw diameter, even half as small will work.
6. Mount the brackets using the screws.

How to install your brackets over drywall

Tools:

- ☐ Level
- ☐ Tape measure
- ☐ Pencil

- ☐ Drill
- ☐ Drill bit
- ☐ 2" Toggle bolts

Installation Procedure:

1. Using the level, mark the height where you want the top of bracket. Make sure the line is as level as possible and then draw it equal to the length of your shelf. This way you can easily place the brackets where required. When marking the height of the bracket keep in mind that the shelf will sit on top of the brackets so account for the shelf's thickness when deciding the level of the bracket tops.
2. Now hold one of the brackets up to the line where it is to be installed. Keeping the brackets top plate level with the line, mark the bracket holes with a pencil.
3. As suggested earlier, choose a drill bit that is larger than the toggle bolt that you intend to use. To determine the diameter of the toggle bolt, screw on the toggle bolt flaps and note the diameter after pinching the flaps together.
4. Once you have marked the holes, drive a small nail (1.5") into each hole to check if you are going to encounter a stud. In case you don't hit a stud, go ahead and use a toggle bolt for that particular hole.
5. On the other hand, if you do encounter a stud when driving a nail through the marks, then you should use a regular screw instead, with a similar head design as the toggle bolt. In case you have three holes available and one requires a toggle bolt, make sure all three bolts have matching heads.
6. For the hole where the nail doesn't encounter any studs, drill the hole into the drywall. Now pass the toggle bolt into the bracket hole. Once it's through the bracket hole, screw the flap on the edge of the toggle bolt and leave only a few threads on the bolt's end.
7. Now holding the bracket up to match the holes in the drywall, push the toggle bolt through the drywall hole. Once the bolt passes through to the other side and the flaps open up, push up the bracket to flush where it will stay once tightened.
8. Initially, use your hand to tighten the toggle bolt as much as possible. Once you can't tighten it anymore with your hand, use a drill or screwdriver to completely tighten it.
9. Tighten any regular screws that you may have used in the installation.

How to install your brackets over brick

Tools:

- ☐ Masonry screws
- ☐ Hammer Drill (or, one with hammer drill setting)
- ☐ Masonry Drill bit
- ☐ Black sharpie
- ☐ Wood screws (if applicable)

Installation Procedure:

1. Determine the position and height of the brackets.
2. Using a black sharpie, mark the spots where the bracket holes match up on the brick wall.
3. Choose the appropriately sized masonry drill bit that is suitable for your screws.
4. When drilling the holes into the brick, make sure you drill a very straight bore. Drill the top two holes first and slightly angle the drill from the outside in. The hole should be as deep as the screw for a secure fit.
5. You may want to get assistance when mounting the brackets and screwing in the screw. Be careful to screw it in slowly so that you don't strip out the hole once the screw is tight. Should this happen, you'll have to move the bracket to a different position to install it.

How to install brackets over stone

1. Always remember that the brackets have to be installed on a flat surface. This means that the brackets will need to be installed before you lay the rock on the fireplace or bar area.
2. It is imperative that you know the depth of the rock /stone you'll be using. The brackets need to be flush with the rock faces, i.e., the back plate of the brackets should be flush with the rock/stone faces
3. You will also need to put up a wooden back-brace in order to install the corbel. This back-brace will be mounted before the stone/rock work, and the stone will be laid around the corbel once it is screwed into place on the back-brace. The thickness of the wooden back-brace should match the depth of the rock. If the stone/rock is 4" deep, you'll require 2-2x4's placed behind the brackets.
4. The back-braces should be cut to the same size as the back plate of the brackets
5. Once the back-braces are in place, you can screw on the brackets by following the instructions above for wooden surfaces
6. Now that the brackets are installed, you can move on to the stonework.