

1925WORKBENCH

Sliding barn door hardware

BYPASS

Installation Manual

Prerequisite:

1. The big picture:

Before taking on this challenging yet rewarding mission, please take a moment to view two videos of the bypass system in motion, we hope that they will help with your install.

a. Bypass system with doors moving within the opening:

<https://www.youtube.com/watch?v=wm9Zth6gWuk>

b. Bypass system with both doors slide to one side to reveal the whole opening:

https://www.youtube.com/watch?v=nvh_dM7IhhY

2. Doors:

If you purchased doors from 1925WORKBENCH, this step can be omitted.

If you purchased just the hardware and have the door made elsewhere, the dimensions of the door is calculated as follow:

Assume that you need the doors to overlap 2" on each side of the opening, total 4"

The amount of overlapping between two doors is 7" at the minimum

Width of each door = (width of opening + 4" + 7") / 2

Example: if the width of your opening is 60", the width of each door is:

$$(60" + 4" + 7") / 2 = \mathbf{35.5"}$$

Height of your doors should be at least the same height.

Maximum door thickness: 1.5"

Maximum door weight: 100lbs per door

Have the door fabricator cut a groove along the bottom of the door, 1/4" wide by 3/4" deep. This is needed for the floor guide.

3. Header space:

A minimum of 7" of header above the opening is required

4. Wood block:

A wood block is required (not provided) to sit between the track and the wall in order to add strength to the system as well as adding clearance for the doors.

The wood block should be at least the same length of your track

The thickness of the wood block needs to be at least $\frac{3}{4}$ " thick and at least $\frac{1}{4}$ " thicker than your baseboard (if any).

Tools required:

1. Power drill with $\frac{3}{16}$ " and $\frac{5}{16}$ " drill bit
2. Impact driver with $\frac{1}{2}$ " socket bit (or wrench) and Phillips driver bit
3. Leveler
4. Stud finder
5. Tape measure
6. Pencil

Installation steps

1. Locate studs:
Use the stud finder to locate every stud along the wall where the track is to be installed.
2. Install wood block
Use 3" long size 8 construction screws to fasten the wood block to the wall. 2 screws are recommended for every stud.
If the installation is for a condo, due to the fact that most condos uses metal stud, it is strongly recommended that construction glue is used in addition to construction screws.

The wood block is installed at 1" higher than the height of the door. Example: if the door is 80" high, the height from the floor to the bottom of the wood block is 81"

The wood block needs to be leveled horizontally.

3. Install the track:
The bottom of the track should be $\frac{1}{2}$ " higher than the bottom of the wood block.

Lay the track on the wood block and mark the drilled holes onto the wood block. Make sure the track is leveled. Notice that the holes on the track are off centered – position the track in a way that the holes are closer to the bottom.

Use $\frac{3}{16}$ " drill bit to drill marked holes

Use provided $\frac{5}{16}$ " x 5" lag bolts and spacers to fasten the track to the wood block. Note, the flanges on the spacers are to face the wood block. Check for level and adjust if necessary.

4. Install hangers on the door:
Install the outer door first. Stand the door up, use shims to lift the door $\frac{1}{2}$ " – $\frac{3}{4}$ " off the floor; adjust shims to level the door vertically.

Hook the hangers on the track and hold it against the door. Adjust shims if necessary so that the top of the door sit just beneath the bend on the hangers. Hangers need to be 1" away from the right and left edges of the door. Mark drilled holes on door and use 3/16" drill bit to drill holes.

Use provided 5/16" x 1.5" to fasten the hangers onto the door. When done, note how much the door sits off the floor and make sure the next door will be at the same level. Lift the door off and put aside.

Install inner door. Follow previous steps to fasten the hangers on the inner door.

5. Install stoppers:

Hang both doors up; determine where the doors stop at each end. Use provided stopper to lay on the track and mark drilled hole on the track for each stopper. Stopper should sit flush to the bottom of the track.

Use 5/16" drill bit to drill holes for stopper.

Use provided nuts and bolts to fasten the stoppers to the track.

6. Install floor guide:

Floor guides should be installed at the centre of the opening. Laterally, they should keep the doors vertical and create an even gap between the two doors.