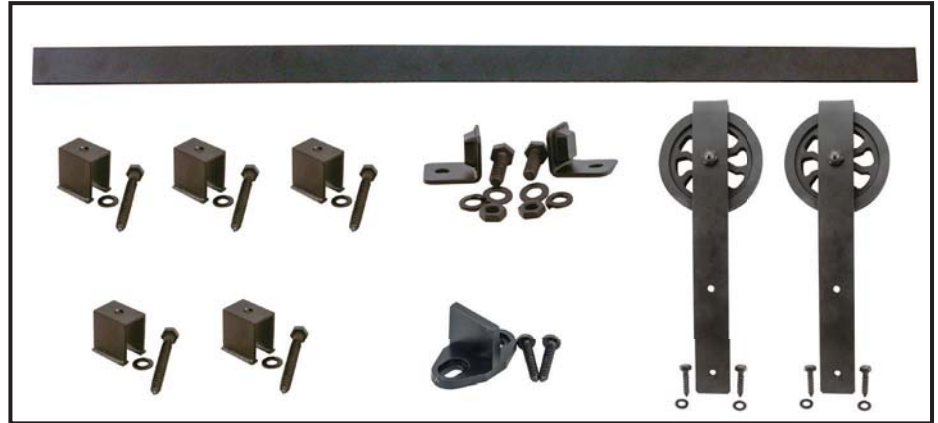


FLAT RAIL Rolling Door Hardware

Installation Instructions



Roller Strap installation

A. Face-mount roller strap

1. The distance between the top of the door and the outer diameter of the wheel should be 1-7/8" (this will achieve approximately 3/32" gap between the top of the door and the rail),
2. Using the fasteners provided, attach the strap to the door. Side to side placement of the straps is based on the aesthetic look desired. The screws must be installed into solid wood, not recommended for hollow-core doors. It is recommended that the screw holes in the door are predrilled.
3. Make sure that proper vertical alignment of the strap is achieved before fastening the strap to the door.



Rail Installation

Rails must be mounted into solid wood (framing studs, header or securely attached trim).

1. The location of the rail is dependent on the height of the door, desired gap between the floor and the bottom of the door and the desired over lay of the top of the door to the door opening.
2. Recommended spacing for the wall mounting brackets is approximately 16"
3. On the wall determine the desired location of the mounting brackets (p/n QG.FR201.08)
4. Transfer the location of the studs and mounting brackets to the backside of the rail by placing the rail flat on the wall and marking the stud/bracket locations on the back of the rail.
5. Use mounting bracket as a guide (as shown in picture) to hold the drill bit from "walking", drill the mounting hole in the center groove of the rail.
6. Mount the rail to the wall using the lag bolts and washer provided in the kit.

Recommended Rail Positioning Formula

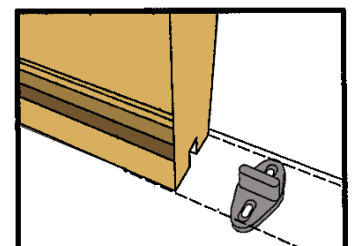

$$\begin{array}{r} \text{Height of Door} \\ + \text{Desired gap at bottom} \\ + 1-1/8" \\ \hline = \text{Center of Rail} \end{array}$$



Centering guide

Center Guide Installation

1. Route a 1/4" wide by 1/2" deep groove, centered in the bottom of the door.
2. Install the door onto the rail.
3. With the door hanging in the correct position on the rail (plumb and square to the wall, with a consistent gap between door and wall. Make a mark on the floor that lines up with the center of groove on the bottom of the door.
4. Locate the door guide along the line marked on the floor so that the door guide is engaged in the groove in the door when the door is both in the closed position and opened position.
5. Secure the door guide to the floor with the supplied fasteners



Door Stop Installation

1. With the straps installed on the door, slide the door onto the rail that is installed on the wall.
2. Position the door in the desired location for the **closed position**. Place the door stop (p/n QG.FR40.08) against the rail and the door. Mark the location of the mounting hole.
3. Now position the door in the desired location for the **opened position**. Mark the location of the mounting hole.
4. Using a 5/16" drill bit drill the holes for the door stop bolts.
5. Install door stops onto the rail, using the bolt and washer on the front side and lock washer and nut on the back side.



Optional

Bi-Parting Door Installation

Two separate rolling Barn Door kits as well as the optional rail splice kit (p/n QG.FR41.08) will be required for most bi-parting door installations.

When 2 or more rails are required:

1. Slide the rail splice kit into the grooves on the back of the rail, locating the center of the splice kit between the 2 rails.
2. Tighten the set screws to secure the rails together.
3. Continue following the installation instructions for the rails, door stops and center-guides outlined above.



Specifications:

Maximum door thickness = 1-3/4"

Maximum door weight = 250 lbs

Gap between the wall (or surface where the brackets are mounted) and the door = 1-15/16" minus door thickness