



GOLDBERG BROTHERS INSTALLATION GUIDE

Barnfold® medium duty J-STRAP

1 1/4" to 1 3/8" folding barn door hardware

hardware sets 6007M2D
For 1 1/4" to 1 3/8" thick doors up to 24" x 84"
with a total weight up to 125 lb.

INCLUDED HARDWARE:

Pre-punched track (1)
Track stops (2)
5" Hex lag bolts (3)
1" spacers (3)
1/2" spacers (6)

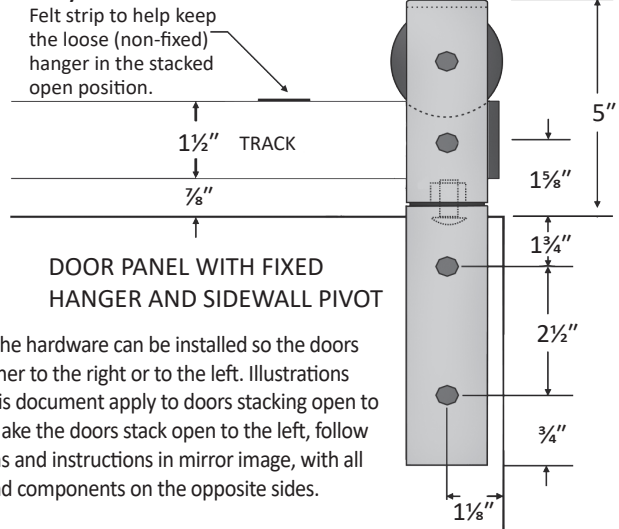
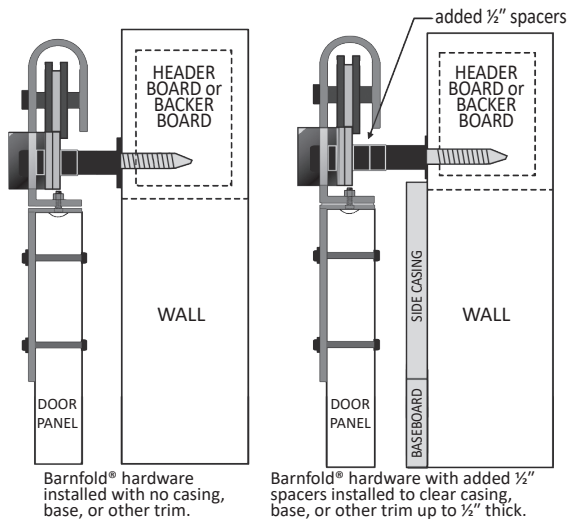
Nylon fender washers (3)
Fixed J-strap hanger (1)
Loose J-strap hanger (1)
1 3/4" Carriage bolts (6)
Keps nuts (6)

1 1/4" hex bolt (1)
3/4" hex bolt (1)
3/8" spacer (1)
Flange nuts (2)
Hinges (4)

5/8" Hinge screws (16)
Sidewall pivot assembly (1)
Door bottom plate (1)
3/4" steel washer (1)
1 5/8" wood screws (4)

Rubber bumper band (1)
Clear bumper pads (6)
Felt strips (1)
4" pull handle (1)
Hinge drilling template (1)
Door spacing template (1)

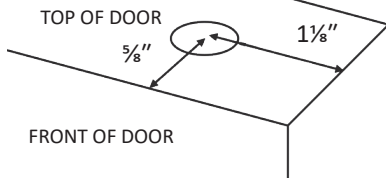
Basic installation layouts



STEP 1: drill tops of both doors

At the top of each panel on the end where a hanger will be attached, make a mark 1 1/8" in from the outer end of the panel and 5/8" in from the front of the panel.

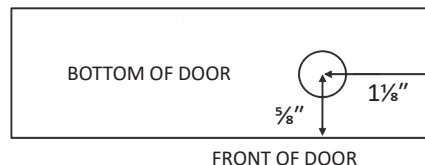
Using a 3/4" bit, drill a hole 1/4" deep.



STEP 2: drill bottom of the pivoting door panel

At the outer bottom corner of the door panel that will pivot, make a mark 1 1/8" in from the end and 5/8" in from the front.

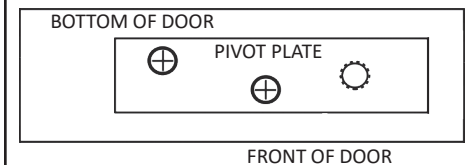
Using a 3/8" bit, drill a hole 1" deep.



top view

STEP 3: attach door bottom plate to the pivoting door panel

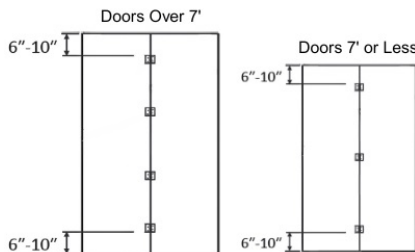
Place the 3/4" x 3" pivot plate against the outer bottom corner of the door panel that will pivot, so the non-countersunk hole in the plate aligns with the hole drilled in step 2. Attach the plate with two 1 1/8" wood screws.



top view

STEP 4: attach hinges to the doors

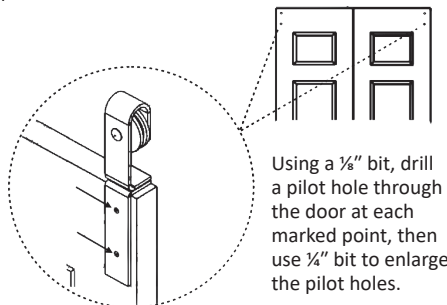
Important: Doors more than 7 feet tall require all four hinges. For best performance, shorter doors require only three hinges.



Install the hinges on the edge of the doors between the two panels. The knuckle of the hinges to the back. Evenly space the hinges at the approximate locations indicated above. Attach the hinges with the provided flat head wood screws.

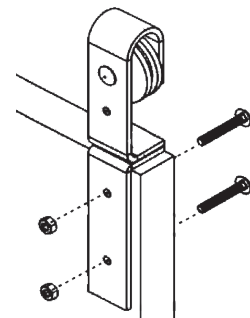
STEP 5: drill holes for the hangers

Turn over the hinged panels so the front sides are up. Using a hanger as a template, place it snugly on the front of each panel 3/8" in from the outside edge as shown, with the upside down swivel bolt resting in the hole drilled in step 1. Mark each attachment point.

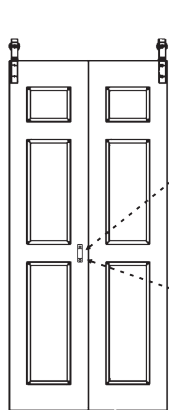


STEP 6: attach the hangers

Using the carriage bolts and keps nuts, attach the two hangers to the doors as shown. The hanger with a hole below the roller goes on the pivoting door panel. The hanger without a hole below the roller goes on the loose (non-pivoting) door panel.



STEP 7: attach pull handle

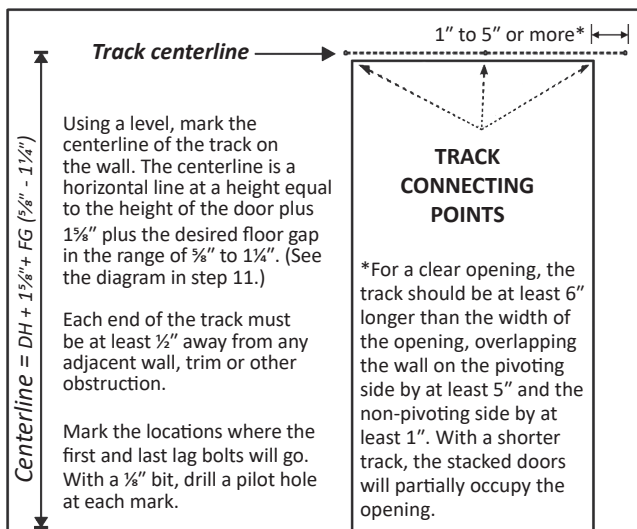


For best performance, the 4" pull handle should be installed on the door panel with the loose (non-pivoting) hanger, with the vertical center about 35" from the bottom of the panel.

Using the pull handle as a template, mark the two attachment points as shown. With a $\frac{1}{8}$ " bit, drill pilot holes through the door panel at each point. Then use a $\frac{1}{4}$ " bit to enlarge the pilot holes.

Attach the handle using the $\frac{1}{4}$ " carriage bolts and keps nuts as shown.

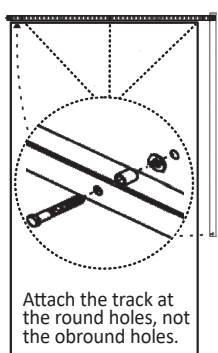
STEP 8: mark track centerline



STEP 9: attach track

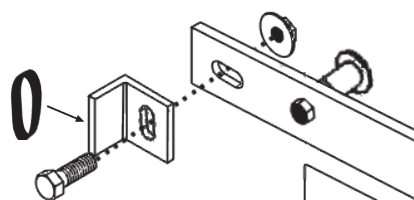
Using a 5" hex lag bolt, one to three spacers†, and a fender washer, attach one end of the track to the wall.

Swing the other end of the track into position and attach it to the wall. Mark and drill a pilot hole and repeat the process for the round hole at the center of the track. A very short track may not have a center hole.



†Different combinations of spacers can be used to mount the track at various distances from the wall or header. See the side views of basic installation layouts on page 1.

STEP 10: attach track stop and rubber bumper band

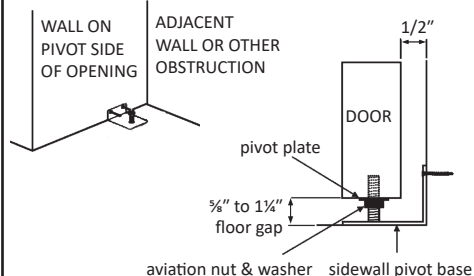


On the loose (non-pivoting) end of the track, attach a track stop with the 1" hex bolt and a flange nut as shown. Hand tighten for now, so it can be adjusted in step 14.

Attach the rubber bumper band around the track stop where it will make contact with a hanger when the doors are closed.

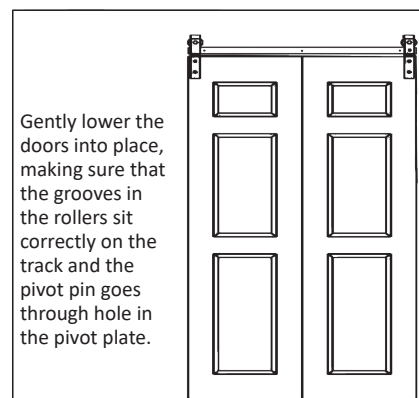
STEP 11: install sidewall pivot

Screw the aviation nut on to the pivot so that the top of the nut is slightly closer to the floor than the desired floor gap (see step 8.) It will be further adjusted in step 14. Place the pivot washer over the pivot and on the aviation nut. Using two $1\frac{1}{2}$ " wood screws, attach the sidewall pivot at the base of the wall as shown. The pivot pin should align directly below the center of the obround hole near the end of the track.



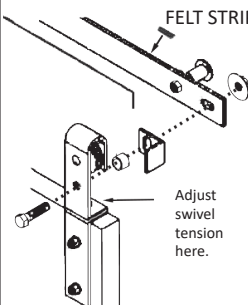
STEP 12: hang doors on track

With an assistant, lift the assembled doors and position them so that the rollers are aligned with the track and the hole in the pivot plate is above the pivot pin.



STEP 13: attach fixed hanger stop

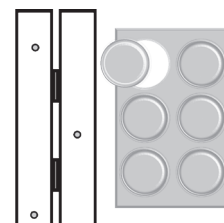
Attach the fixed hanger to the track using the $1\frac{1}{4}$ " hex bolt, the $\frac{3}{8}$ " spacer, a track stop, and a flange nut. Hand tighten for now.



Fold open the doors so they are stacked on the pivoting side of the opening. Attach an adhesive-backed felt strip to the top edge of the track as close as possible to the bottom of the loose hanger's roller. It will create a slight bump that will help the loose hanger stay in that position.

Note: The swivel tension in either hanger can be adjusted by slightly turning the nut directly below each roller on the L-shaped base. Lighter-weight doors may need less tension than the factory setting.

STEP 14: attach clear bumper pads & make final adjustments



Fold the doors to access the hinged edges. Attach the 6 adhesive-backed clear bumper pads, evenly spaced along one or both inner door edges. They provide tension to help keep the doors closed.

With a wrench, turn the aviation nut on the sidewall pivot (see step 11) so that the nut and washer are firmly against the pivot plate and the bottom of the door is high enough to clear any carpet or other floor obstruction.

Further adjust and tighten the two track stops so that they apply enough pressure to the door assembly to keep it closed. The obround holes in the stops and track allow for a wide range of adjustment.

Goldberg Brothers barn door hardware products are protected against manufacturing defects with a limited lifetime warranty. See our website for details and restrictions.

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