

IMPORTANT INFORMATION

Precautions and Safety

- Read and fully understand **ALL** manufacturer's instructions before beginning. Failure to follow proper installation and finishing instructions may result in the denial of warranty claims for operational performance problems.
- Kit contents are not to be resized, this will result in the denial of warranty claims.
- **DO NOT** work alone. **Two or more people are required.** Use safe lifting techniques.
- Wear protective gear (e.g., safety glasses, gloves, ear protection, etc.).
- Operate hand/power tools safely and follow manufacturer's operating instructions.
- If disturbing existing paint, take proper precautions if lead paint is suspected (commonly used before 1979). Your regional EPA (www.epa.gov/lead) or Consumer Product Safety Commission offices provide information regarding regulations and lead protection.
- The Barn Door Hardware is designed for use with one door per track.

⚠ WARNING

Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer. Use a respirator or other safeguards to avoid inhaling wood dust.

Materials and Door Handling

- Allow doors to acclimate to local conditions for at least 24 hours before finishing.
- Store the door in a dry, well-ventilated area.
- **DO NOT** drag the door slab on the floor.
- Protect from exposure to direct sunlight during storage.

IF INJURY OCCURS, IMMEDIATELY SEEK MEDICAL ATTENTION!

MATERIALS AND TOOLS

Needed Materials

- (1 or 2) Barn Door Kits
- Paint/Stain (Optional)
- Sandpaper (Optional)
- Door Slab (Not included)

Needed Tools

- Tape measure
- Level
- Speed Square
- Pencil
- Stud Finder
- (2) Clamps
- Cordless Drill
- 1/8" Drill Bit
- 1/4" Drill Bit
- 5/32" Drill Bit (Top Mount Hanger Kit)
- 7/16" Drill Bit (Bent Hanger Kit)
- 3/4" Spade Bit
- Phillips-Head Screwdriver
- Crescent Wrench or Socket Set

DOOR SELECTION TOOLS AND TERMINOLOGY

A Door slab is **NOT** provided with this kit. Use the following tools to select the appropriately dimensioned door slab for installation with your JELD-WEN® Barn Door Hardware kit.

Door Height

The recommended minimum door height is your opening height + 4". Measure the opening height. If installing above thick carpet, ensure to firmly press the end of the measuring tape down to the base of the carpet. The recommended door height can be found in Figure 1, according to the measured opening height.

Opening Height	Recommended Door Slab Height
80"	84"
84"	88"
Custom Height	Opening Height + 4"

Figure 1

Door Width

The recommended minimum door width is your opening width + 6". Measure your opening width. The recommended door width can be found in Figure 2, according to the measured opening width.

NOTE: Maximum door width supported is 42" for the supplied 84" track.

Opening Width	Recommended Door Slab Width
24"	30"
30"	36"
36"	42"
Custom	Opening Width + 6"

Figure 2

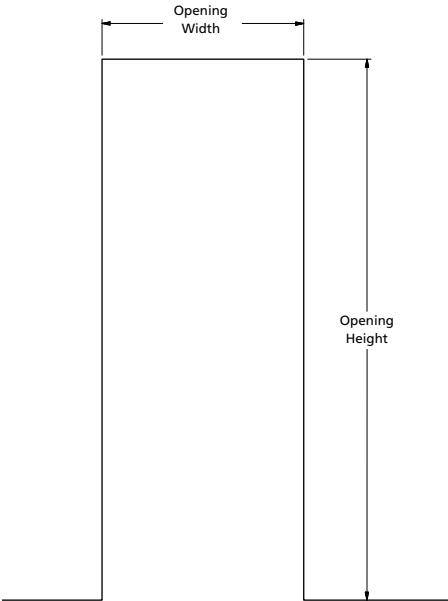


Figure 3. Opening Width and Height

Stile Width

If the chosen door style includes stiles (vertical planks that rise away from the surface on the door on either edge) note the stile width of your door, it will come in handy in future steps.

NOTE: To install the included finger pull, it is recommended you either use a door without stiles, or a door with stiles that are at least 4 1/4" for solid doors and 5" for doors with a glass insert.

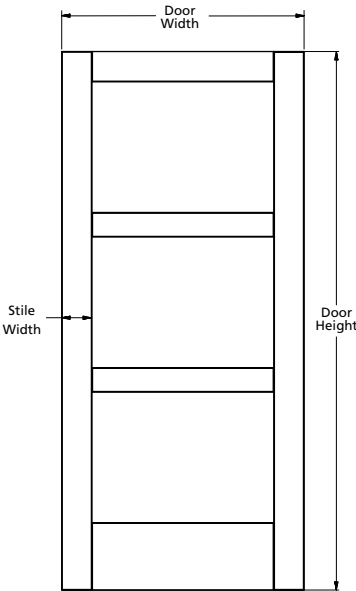
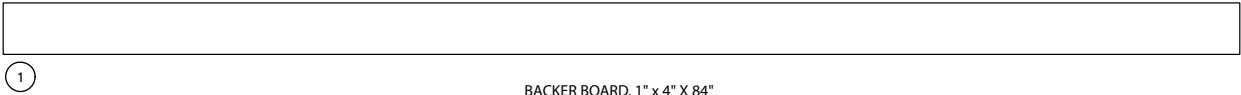
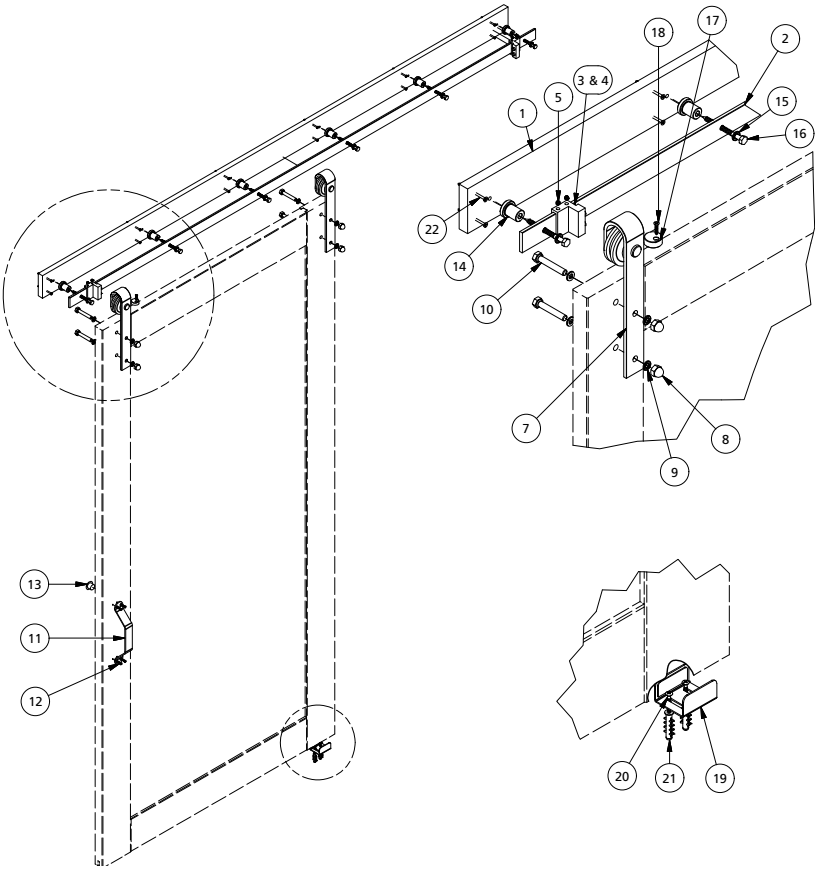
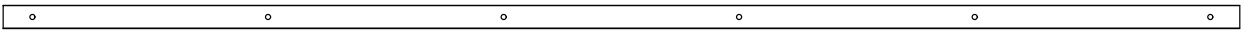


Figure 4. Door Width, Height and Stile Width

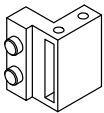
BENT HANGER STYLE



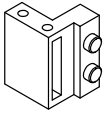
BACKER BOARD, 1" x 4" X 84"



TRACK, 84", 16" HOLE SPACING



CUSHIONED STOP, LEFT (1)



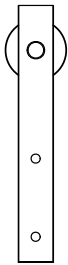
CUSHIONED STOP, RIGHT (1)



SET SCREW, M6 X 3mm (4)
(PRE-INSTALLED IN CUSHIONED STOPS)



ALLEN WRENCH, 3mm (1)



HANGER (2)



CAP NUT (4)



WASHER, 10mm (8)



BOLT, M10 X 55mm (3)



BENT HANGER HANDLE (1)



SCREW, #8 X 3/4" (4)



FINGER PULL, (1)



STANDOFF (6)



WASHER, 8mm (6)



LAG, M8 X 90mm (6)



ANTI-JUMP DISK (2)



SCREW, #8 X 3/4" (2)



FLOOR GUIDE (1)



SCREW, ST4.2 X 25mm (2)



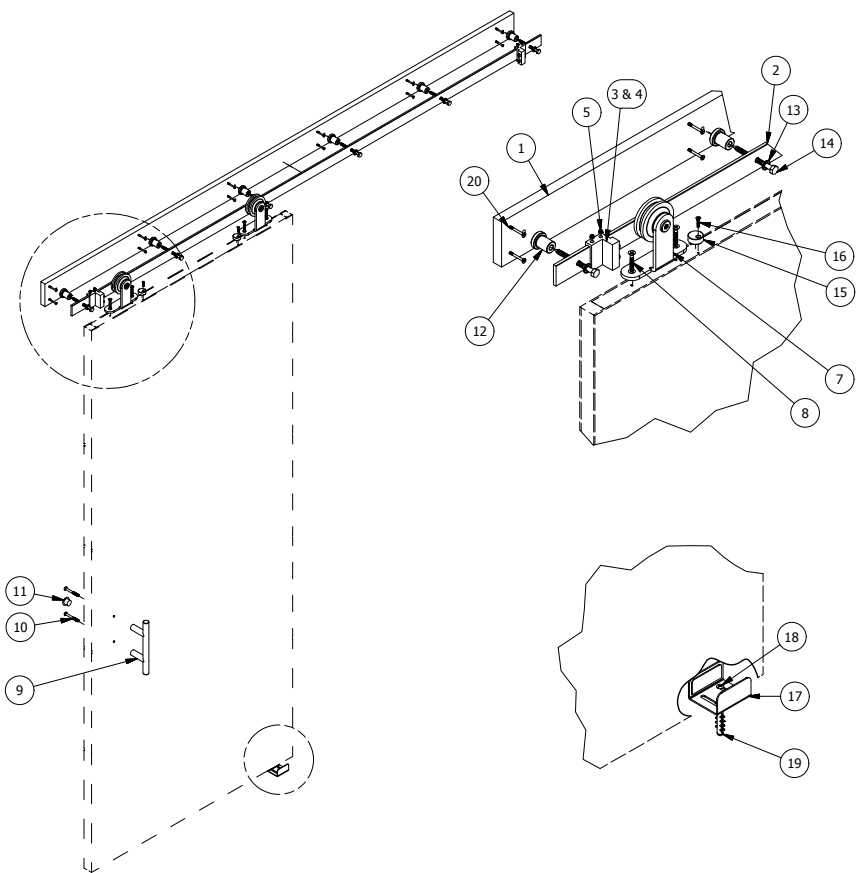
FLOOR ANCHOR (2)



SCREW, #9 X 2-1/2" (10)

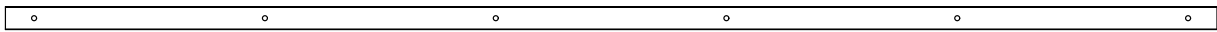
NOTE: Door slab **NOT** included in Barn Door Stand Alone Hardware Kit

TOP MOUNT HANGER STYLE



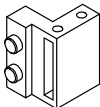
1

BACKER BOARD, 1" x 4" X 84"



2

TRACK, 84", 16" HOLE SPACING



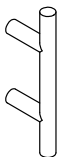
CUSHIONED STOP, LEFT (1)

3



HANGER (2)

7



TOP MOUNT HANDLE (1)

9



STANDOFF (6)

12



ANTI-JUMP DISK (2)

15



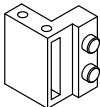
FLOOR GUIDE (1)

17



SCREW, #9 X 2-1/2" (10)

20



CUSHIONED STOP, RIGHT (1)

4



SCREW, #14 X 2-1/2" (4)

8



SCREW, M6 X 55mm (2)

10



WASHER, 8mm (6)

13



SCREW, #8 X 3/4" (2)

16



SCREW, ST4.2 X 25mm (2)

18



SET SCREW, M6 X 3mm (4)
(PRE-INSTALLED IN CUSHIONED STOPS)

5



FINGER PULL, (1)

11



LAG, M8 X 90mm (6)

14



FLOOR ANCHOR (2)

19



ALLEN WRENCH, 3mm (1)

6

1

DOOR PREPARATION, HANGERS

The following instructions are written for installation into preexisting openings with customer-supplied door slab. For recommended door slab size refer to page 2.

Bent Hanger Style Kit

Drill pilot holes for mounting the Bent Hanger brackets to the door, as shown in Figures 5 or 6.

1. Select Bent Hanger Drill Guide, Figure 30 on Page 12.

NOTE: The guide will be used twice, once on each end of the top of the door.

2. The Bent Hanger Drill Guide has a stile CL (center line) guide to align the mounting bolts to the center of the stile. Measure the width of the door stile and use this value to match with the corresponding edge offset line on the drill guide.

If the door slab being used does not have a distinct stile the recommended edge alignment is at the 8" line on the Bent Hanger Drill Guide (Figure 5).

3. Orient the Bent Hanger Drill Guide on the front of the door as seen in Figure 5 or 6. Align the top edge and the left/right edge to the corresponding dashed line.
4. Secure drill guide to the top of the door.
5. Mark the position of the pilot holes with a pen, punch or other marking tool.
6. Drill pilot holes. First, use a 1/8" drill bit to drill straight through the door at marked hole positions. Next, switch the drill bit out for a 7/16" drill bit and repeat drilling for the two holes for the hangers.
7. Repeat on the opposite end.

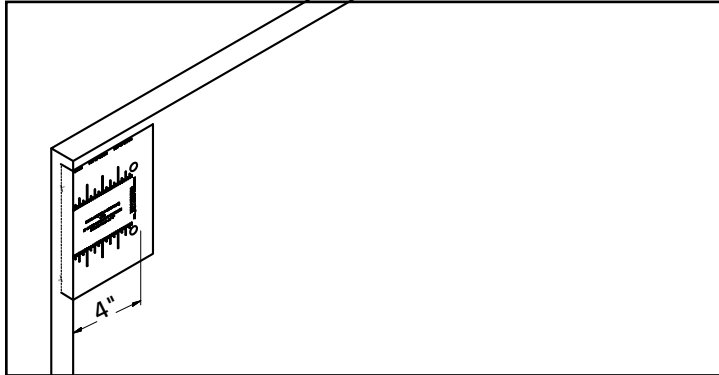


Figure 5. Bent Hanger Drill Guide (Flush Door)

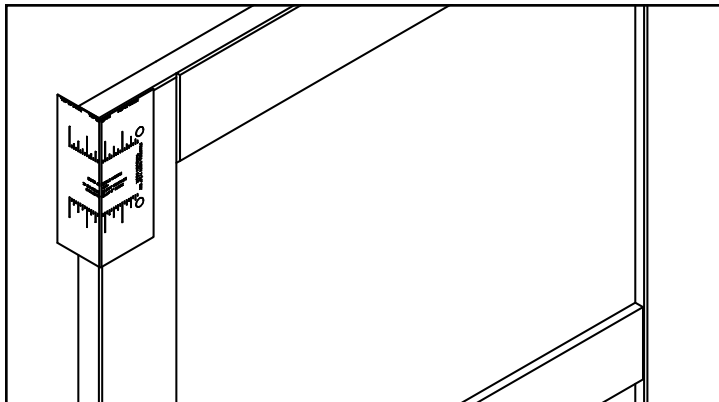


Figure 6. Bent Hanger Drill Guide (Stile and Rail Door)

Top Mount Hanger Style Kit

Drill pilot holes for mounting Top Mounted Hanger Brackets to the door, as shown in Figure 7.

1. Select Top Mount Drill Guide, Figure 31 on Page 13.

Note: The guide will be used twice, once on each end of the top of the door.

2. Orient the Top Mounted Drill Guide on the top edge of the door as seen in Figure 7.
3. Secure the guide to the top of the door.
4. Mark the positions of the pilot holes with a pen, punch or other marking tool.
5. Drill pilot holes. First, use a 1/8" drill bit for the (2) holes for the top mount hanger and (1) for the anti-jump disk. Next, switch out for the 5/32" drill bit and repeat drilling for the (2) hanger mount holes.
6. Repeat on the opposite end.

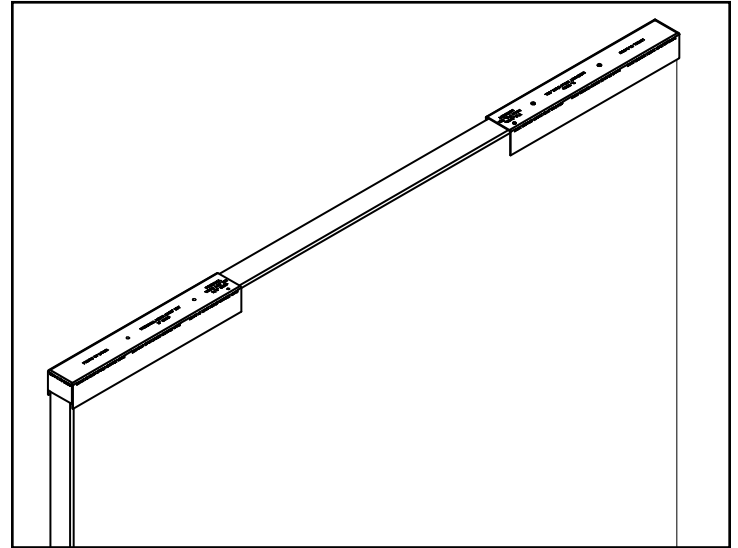


Figure 7. Top Mount Hanger Drill Guide

2

DOOR PREPARATION, HANDLE

The following instructions are written for installation into preexisting openings with customer supplied door slab. For recommended door slab size refer to page 2.

Bent Hanger Style Kit

Drill pilot holes for mounting handle assembly to door, as shown in Figure 8.

1. Select the Bent Hanger Handle Drill Guide, Figure 32 on page 14.
2. Measure stile width, if applicable. Fold the guide to the matching dimension. If there is no stile to measure, use the guide at the 8" mark.
3. Align the guide on the edge of the door with 31 1/4" between the drill guide reference line and the bottom of the door.
4. Secure the guide in place and prepare tools for drilling the 4 pilot holes with the 1/8" drill bit.
5. Drill the 4 holes 1/2" deep.

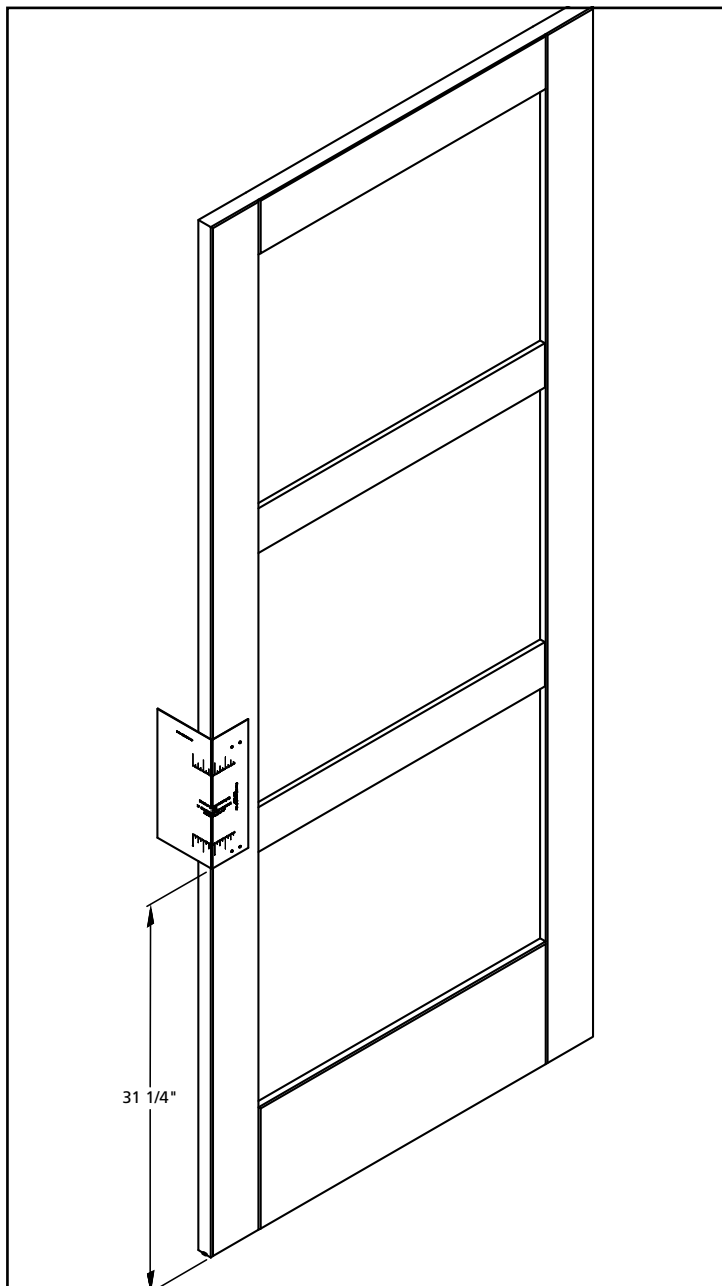


Figure 8. Bent Hanger Handle Drill Guide Placement

Top Mount Hanger Style Kit

Drill pilot holes for mounting handle assembly to door, as shown in Figure 9.

1. Select the Top Mount Handle Drill Guide, Figure 32 on page 14.
2. Measure stile width, if applicable. Fold the guide to the matching dimension. If there is no stile to measure, use the guide at the 8" mark.
3. Align the guide on the edge of the door with 31 1/4" between the drill guide reference line and the bottom of the door.
4. Secure the guide in place and prepare tools for drilling the 2 pilot holes with the 1/4" drill bit.
5. Drill the 2 holes through the door.

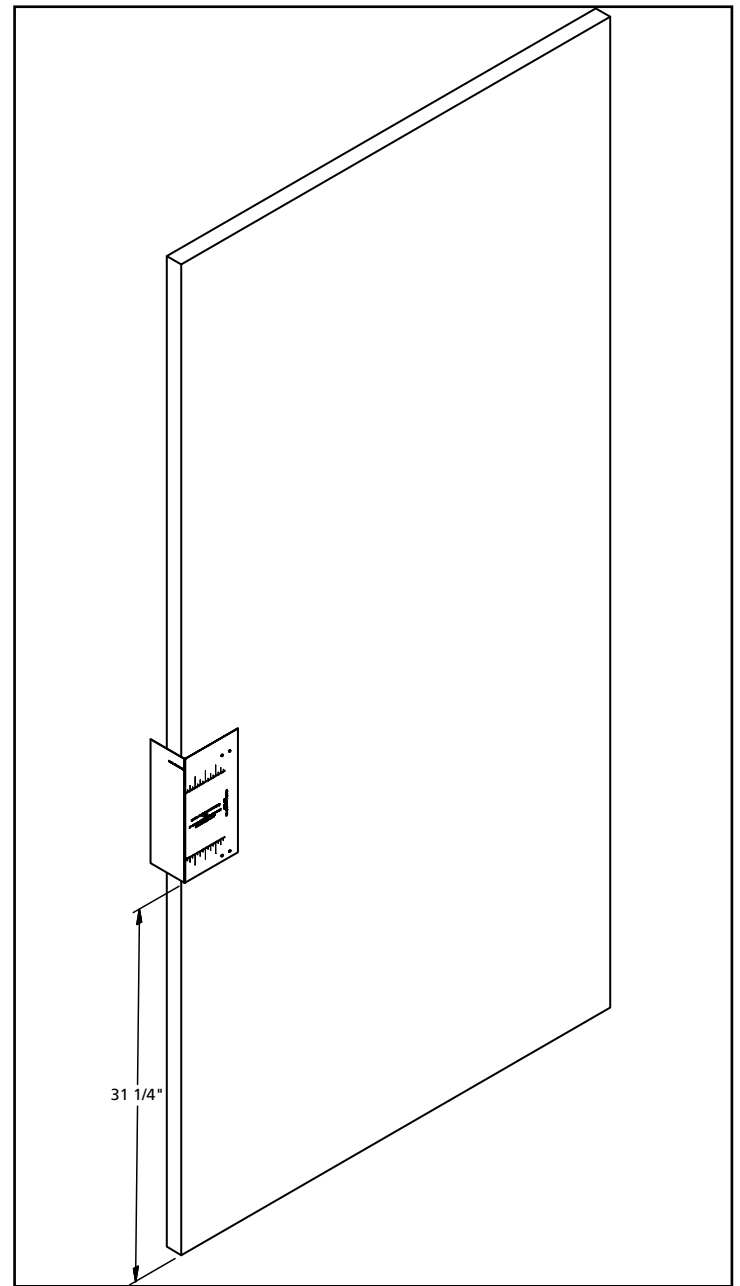


Figure 9. Top Mount Handle Drill Guide Placement

3

DOOR PREPARATION, FINGER PULL (OPTIONAL)

The following instructions are written for installation into preexisting openings with customer-supplied door slab.

Bent Hanger Style Kit

Drill out the optional hole for mounting the finger pull to the back face of the door, as shown in Figure 10.

1. Locate the optional Finger Pull Drill Guide, Figure 33 on page 15.
2. Fold guide on the door at the door edge line.
3. Align the drill guide on the back face of the door 31 1/4" from the bottom of the door as shown in Figure 10.
4. Secure the Guide to the door and prepare to bore a hole for the finger pull.
5. Use the 3/4" spade bit and drill 3/8" deep for the finger pull relief.

NOTE: The finger pull be placed at least 3-1/2" in from the edge on the back face of the door to allow for access once the barn door system is mounted. For stile and rail doors, the stile on the door must be at least 4 1/8" wide or 4 7/8" wide for glass panel doors to properly install the finger pull with the recommended door hanging.

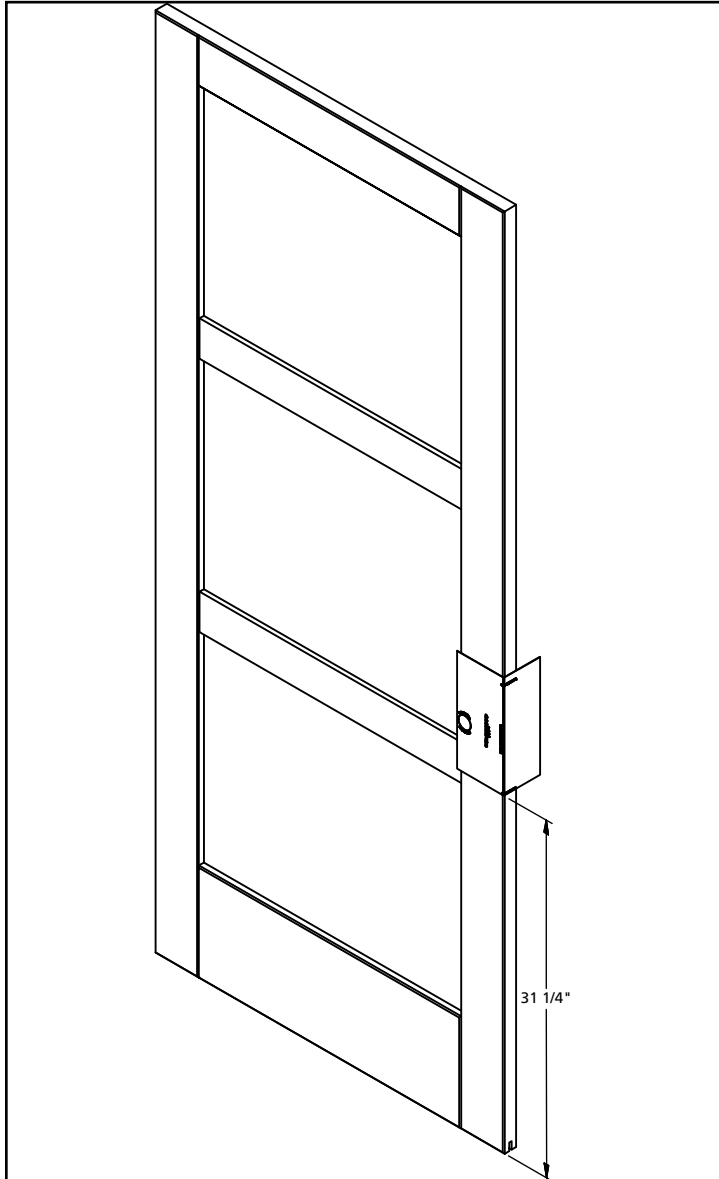


Figure 10. Bent Hanger Style Finger Pull Drill Guide Placement

Top Mount Hanger Style Kit

Drill out the optional hole for mounting the finger pull to the back face of the door, as shown in Figure 11.

1. Locate the optional Finger Pull Drill Guide, Figure 33 on page 15.
2. Fold guide on the door at the door edge line.
3. Align the drill guide on the back face of the door 31 1/4" from the bottom of the door as shown in Figure 11.
4. Secure the Guide to the door and prepare to bore a hole for the finger pull.
5. Use the 3/4" spade bit and drill 3/8" deep for the finger pull relief.

NOTE: The finger pull be placed at least 3-1/2" in from the edge on the back face of the door to allow for access once the barn door system is mounted. For stile and rail doors, the stile on the door must be at least 4 1/8" wide or 4 7/8" wide for glass panel doors to properly install the finger pull with the recommended door hanging.

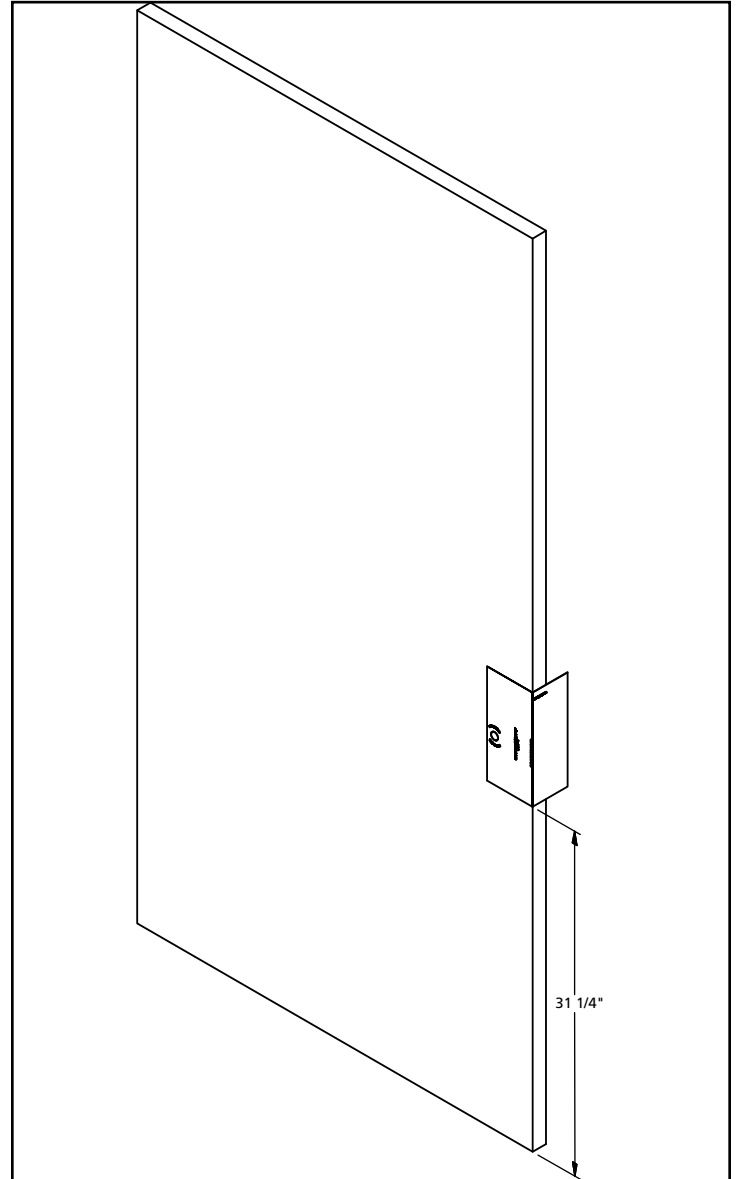


Figure 11. Top Mount Style Finger Pull Drill Guide Placement

4

DOOR HARDWARE INSTALLATION

The following instructions are written for installation into preexisting openings and require the use of the included 1" X 4" X 84" backer board. If you choose to install without the backer board, each lag screw must be embedded into a framing member.

Bent Hanger Style Kit

Attach Hangers to the door face through the pre-drilled holes as shown in Figure 12.

1. Use (4) M10 X 55mm bolts.
2. Use (8) 10mm washers at entry and exit points.
3. Use (4) M10 cap nuts.
4. Place bolts through washers, pre-drilled holes and Bent Hanger Bracket. Secure bolts using cap nuts on the exterior surfaces of the hangers.

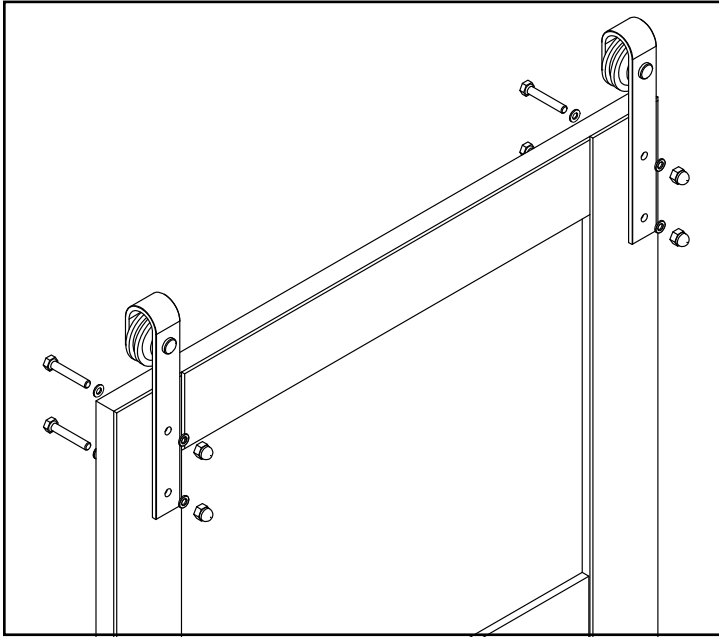


Figure 12. Installing Bent Hanger Style Hangers

Next, install anti-jump disks onto the top surface of door.

1. Position the center of the disks as seen in Figure 13.
2. Place disks at least 1" in from the door's edges and no more than 2" inside of the hanger.
3. Pre-drill holes with a 1/8" drill bit, roughly 5/8" deep.
4. Secure with (2) #8 X 3/4" wood screws (keep anti-jump disk loose enough for future rotation; to be tightened in later steps).

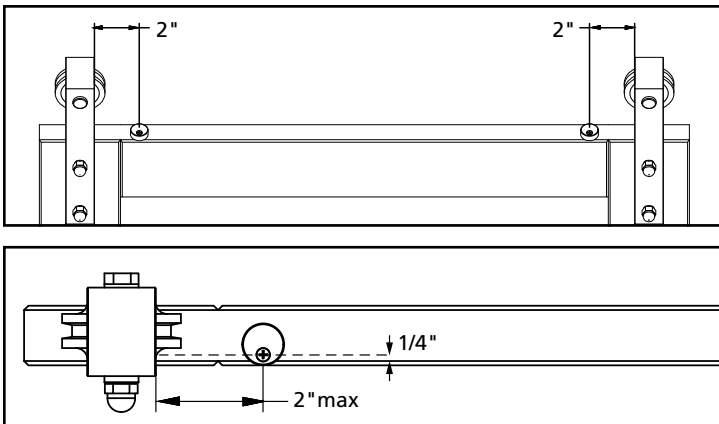


Figure 13. Installing Anti-Jump Disks with Bent Hangers

Top Mount Hanger Style Kit

Attach hangers to the top surface of door through pre-drilled holes as shown in Figure 14.

1. Use (4) #14 x 2 1/2" wood screws.

Firmly tighten screws with a Phillips-head screwdriver; DO NOT over-tighten.

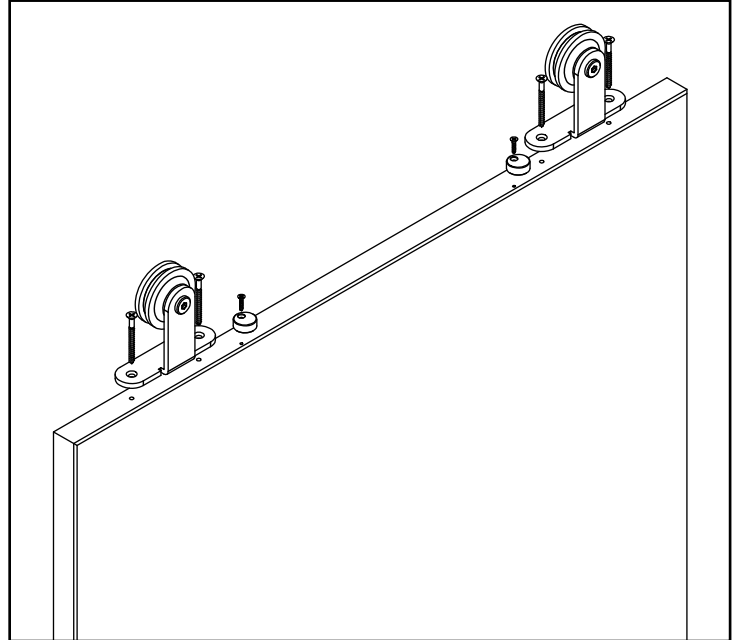


Figure 14. Installing Top Mount Style Hangers

Next, install anti-jump disks onto the top surface of the door.

1. Position the disks as seen in Figure 15.
2. Secure with (2) #8 X 3/4" wood screws (keep anti-jump disk loose enough for future rotation; to be tightened in later steps).

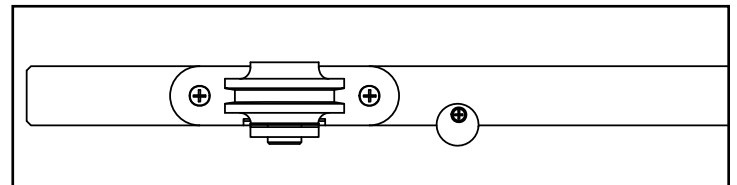


Figure 15. Installing Anti-Jump Disks with Top Mounted Hangers.

5

BACKER BOARD INSTALLATION FOR BENT HANGER STYLE AND TOP MOUNTED HANGER STYLE KITS

Pre-drill the 1" X 4" X 84" backer board to align with the track's mounting holes by clamping the track to the backboard and using it as a stencil.

1. Center track on backer board. You should have roughly 1" on either side of the track to the edges of the Backer Board.
2. Pre-drill through the 6 main track holes, using a 1/4" bit, through the backer board.

NOTE: Verify that the 1/4" holes drilled are 1 3/4" from the bottom edge of the backer board.

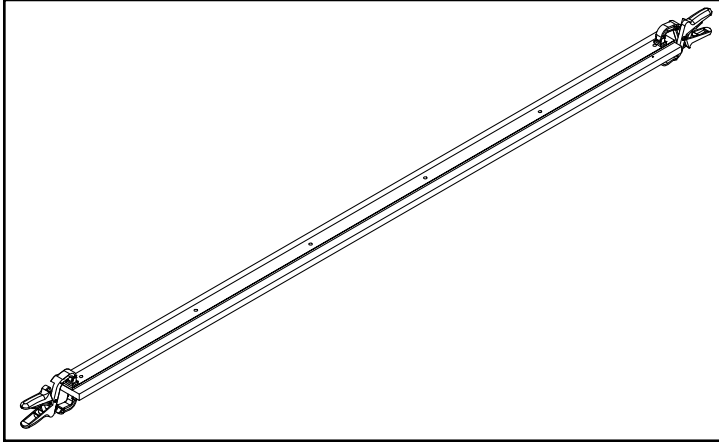


Figure 16. Pre-drilling Backer Board

Backer Board Placement

1. Using a tape measure: The board will be placed at the door slab's height from the bottom edge of the backer board to the ground. If installing onto a thicker carpet, make sure to take this measurement with the end of the measuring tape firmly placed to the base of the carpet.

The door slab can be used as a marking tool for finding the correct placement of the Backer Board. Stand the door up and place the door flush against the wall.

2. Horizontally, the board should be placed so it has a minimum of 3" of overlap with the opening the barn door will operate within, as shown in Figure 17.

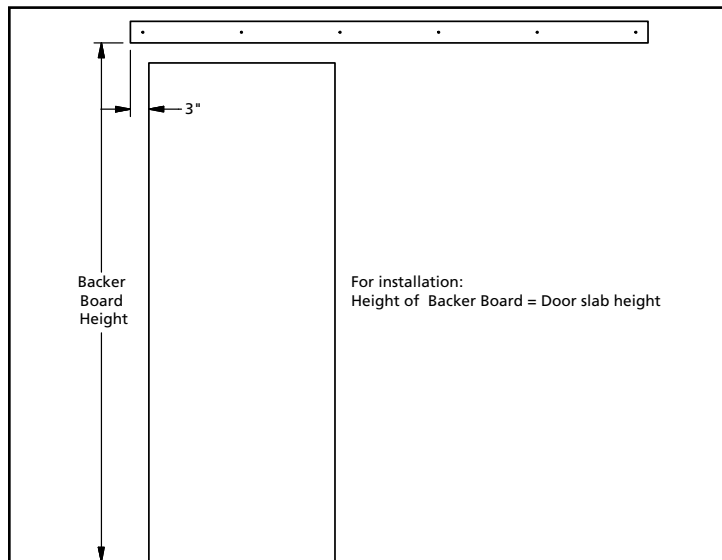


Figure 17. Backer Board Placement

Locating Studs

1. Make note of the general position of the backer board.
2. Use a stud finder to locate as many studs as possible to secure the backer board to the wall (fasteners included for 5 studs).
3. Mark the stud locations and make note of how they will be located on the backer board.

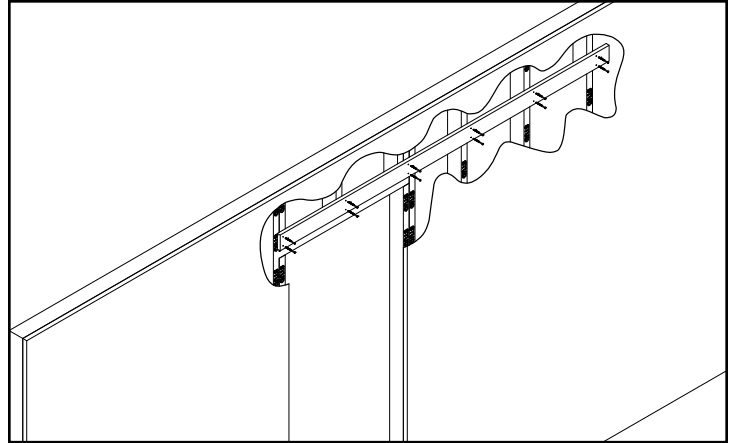


Figure 18. Backer Board Stud Alignment

Pre-drill the backer board for stud attachment.

1. Using a 1/8" drill bit, pre-drill for the studs, placing two holes vertically spaced along the area that will contact the stud as seen in Figure 19.
2. Once pre-drilling is complete, sand and paint or stain the backer board to the desired finish.
3. With the backer board held in position and level, secure it to at least 5 studs with the included (10) #9 X 2 1/2" wood screws.

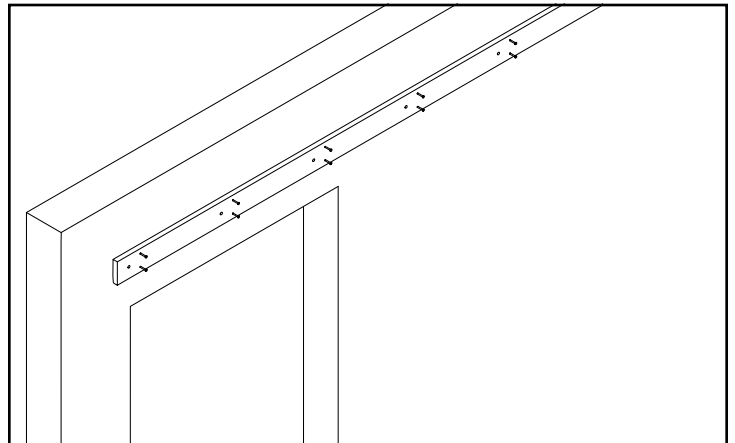


Figure 19. Installing Backer Board

6

TRACK INSTALLATION FOR BENT HANGER AND TOP MOUNT HANGER STYLE KITS

Fasten the track to the backer board.

1. Start by using (1) of (6) standoffs in line with the second pre-drilled hole to fasten the track using a lag screw.
2. Make sure standoffs are positioned with the wider base resting against the backer board.
3. Install an 8mm washer between the track and each lag screw.
4. Continue fastening lag bolts with a crescent wrench, skipping the 1st and 6th lags.

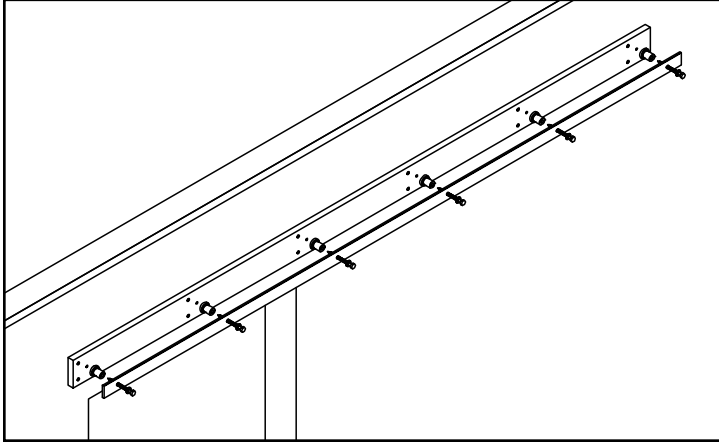


Figure 20. Installing Track

Next, slide on the left and right cushioned stops to either end of the track.

1. If using a 42" door in a 36" opening, the cushioned stops (in contact when the door is in the closed position) will have to be positioned at the ends of the track.
2. For all other door sizes, it is recommended that the cushioned stops be placed between the 1st and 2nd lag and the 5th and 6th lag, if possible.
3. Once cushioned stops are loosely placed (To be tightened in the next steps), install 1st and 6th lags. **NOTE:** Lags may need to be temporarily removed to install the Floor Guide.

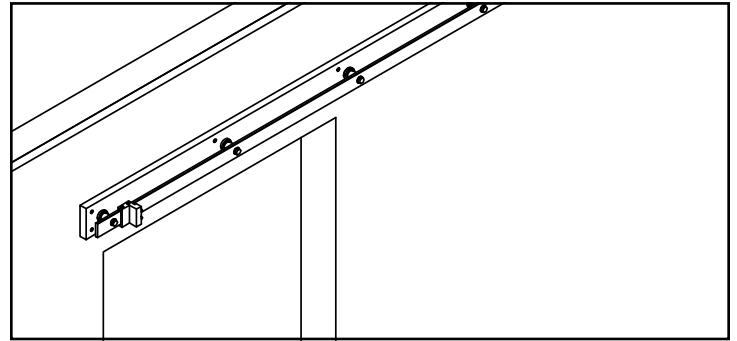


Figure 21. Sliding on Cushioned Stops

7

HANGING BARN DOOR ON THE TRACK FOR BENT HANGER AND TOP MOUNT HANGER STYLES

1. First, swivel the anti-jump disks away from the door.
2. Next, (using two people) lift the door and align the hangers over the track, gently lower the hangers into contact with the track. Once the track is supporting the door, rotate the anti-jump disks so that they are under the track and tighten their screws to stop further rotation.

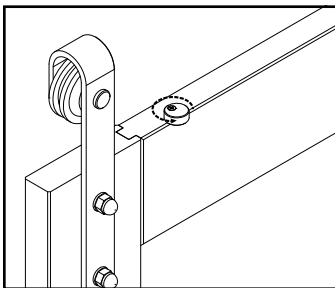


Figure 22. Anti-Jump Disks Placement

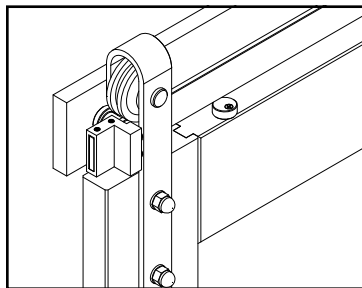


Figure 23. Anti-Jump Disk Final Position

Once the door is hanging plumb, install the floor guide.

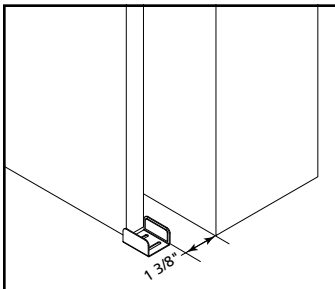


Figure 24. Positioning Floor Guide

3. Position the guide so it lines up centered under the bottom of the door, roughly 1-3/8" from the edge of the wall to the interior edge of the guide and 1" from the opening.

Ensure the installed Floor Guide will always be fully engaged through the doors desired range of movement (fully open/fully closed)

4. Mark the two-hole locations for the floor guide with a pencil and pre-drill with a 1/8" bit (If installing in concrete flooring, use 1/4" bit and supplied floor anchors).
5. Tighten the Floor Guide with (2) ST4.2 x 25mm screws to a snug fit.
6. Secure cushioned stop using provided set screws.

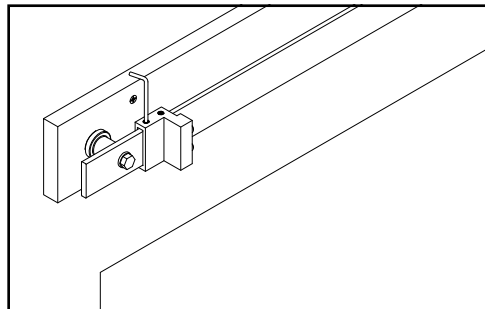


Figure 25. Secure Cushioned Stop with Allen Key

8

HANDLE AND OPTIONAL FINGER PULL INSTALLATION

Bent Hanger Style Kit

Next, install the handle.

1. Locate the Bent Hanger Handle and (4) #8 x 3/4" screws from the supplied hardware.
2. Secure the handle using the (4) #8 x 3/4" wood screws through the Bent Hanger Handle mounting holes and into the (4) drilled holes for the handle.

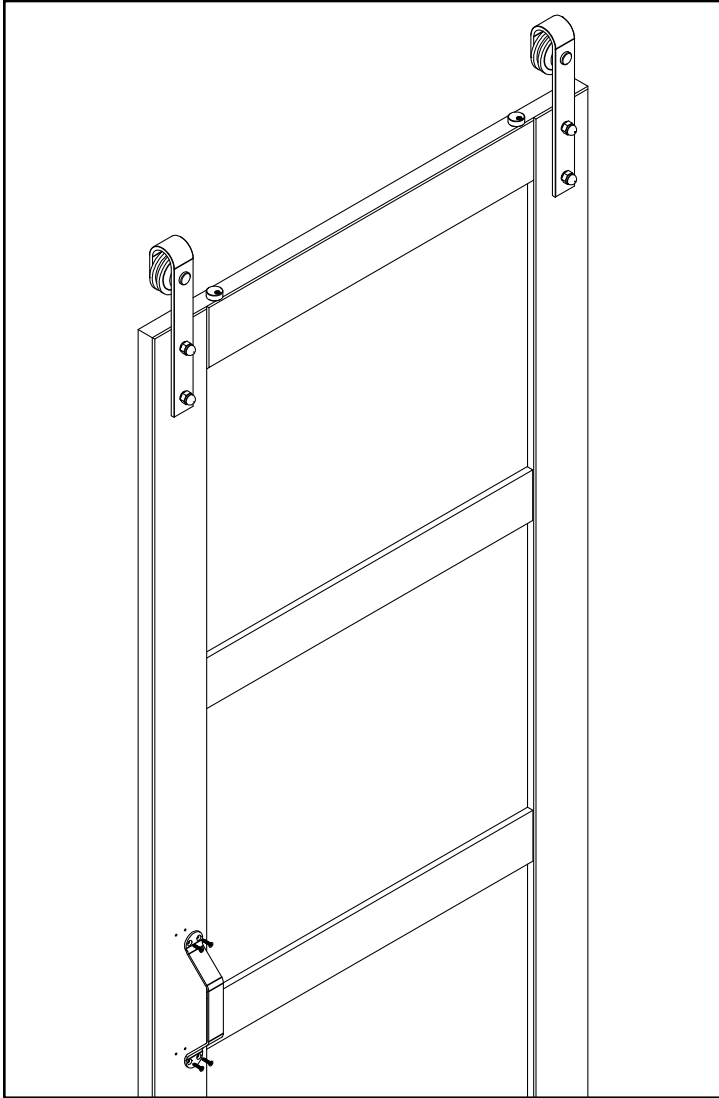


Figure 26. Installing Bent Hanger Handle

Install Finger Pull (Optional)

1. Locate the Finger Pull from the supplied hardware.
2. Press the finger pull into place in the drilled finger pull hole as shown in Figure 27.

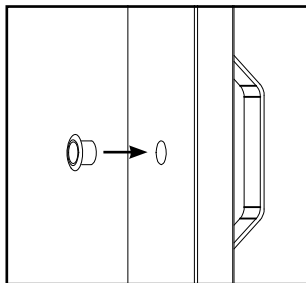


Figure 27. Installing Finger Pull with Bent Hanger Style Handle

Top Mount Hanger Style Kit

Next, install the handle.

1. Locate the Top Mount Handle and (2) M6 x 55mm bolts from the supplied hardware.
2. Secure the handle using the (2) M6 X 55mm machine screws placed through the handle mounting holes drilled through the door and into the threaded holes in the handle.

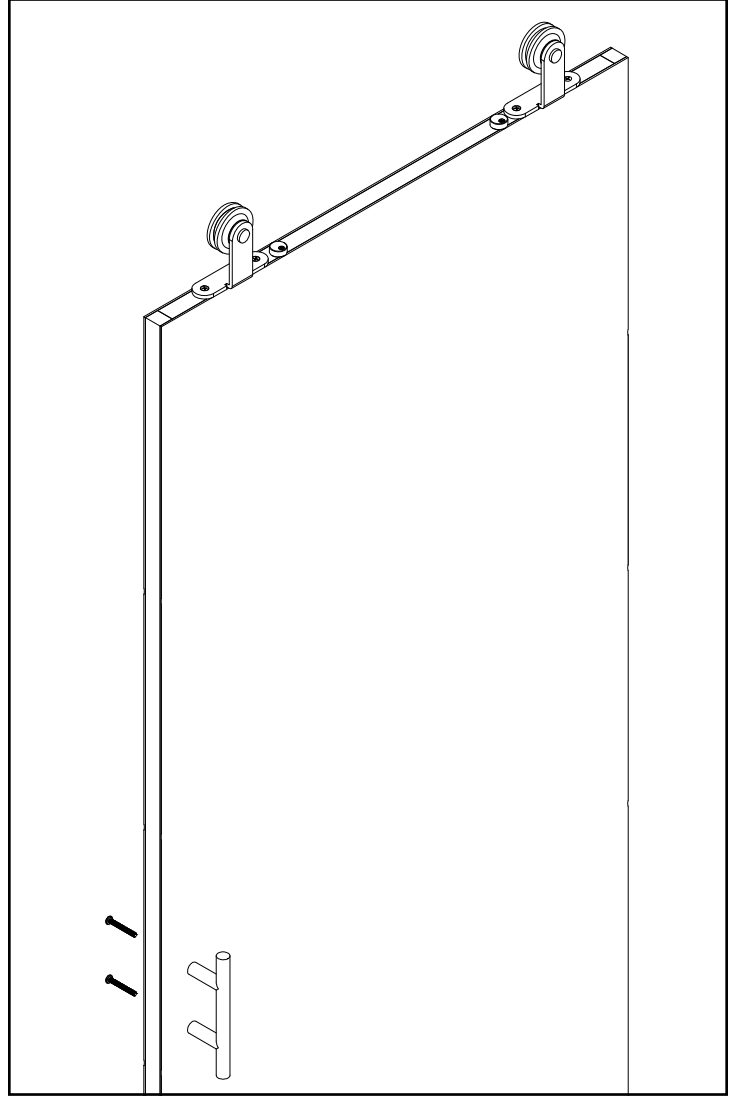


Figure 28. Installing Top Mount Handle

Install Finger Pull (Optional)

1. Locate the Finger Pull from the supplied hardware.
2. Press finger pull into place in the drilled finger pull hole as shown in Figure 29.

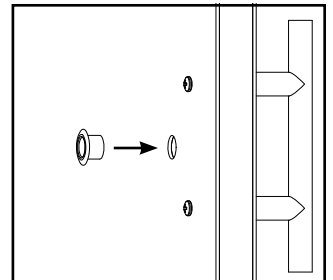
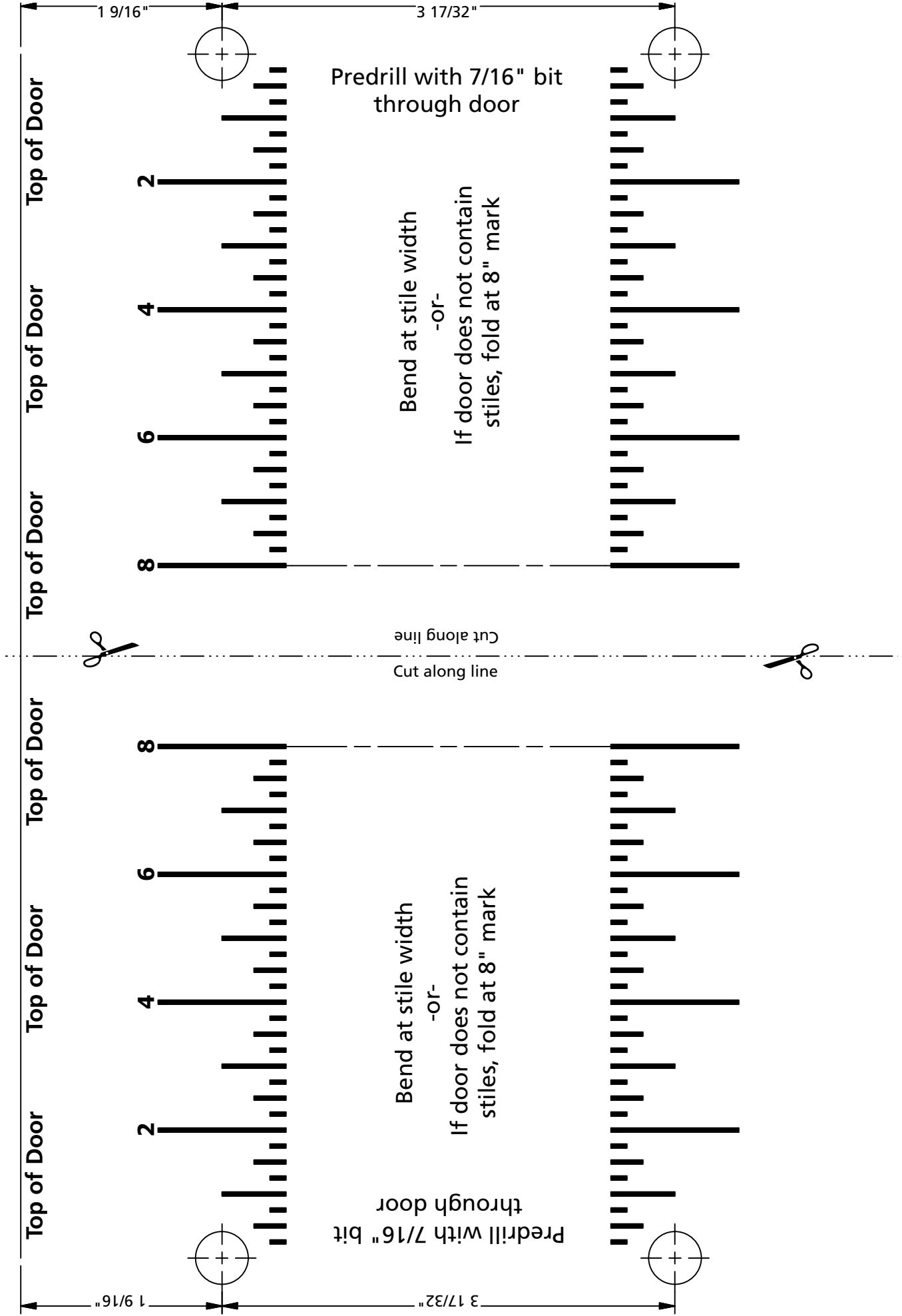


Figure 29. Installing Finger Pull with Top Mount Hanger Style Handle

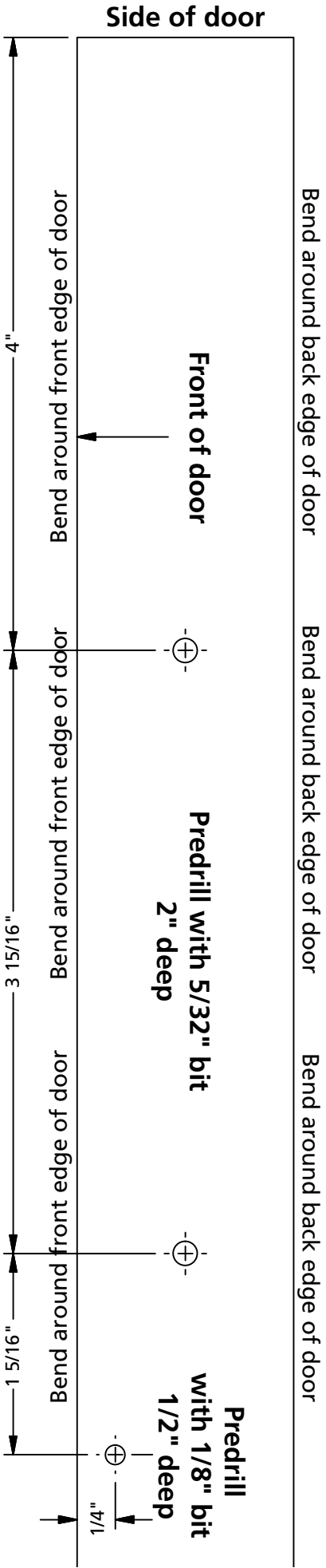
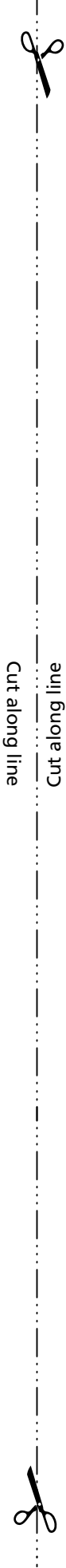
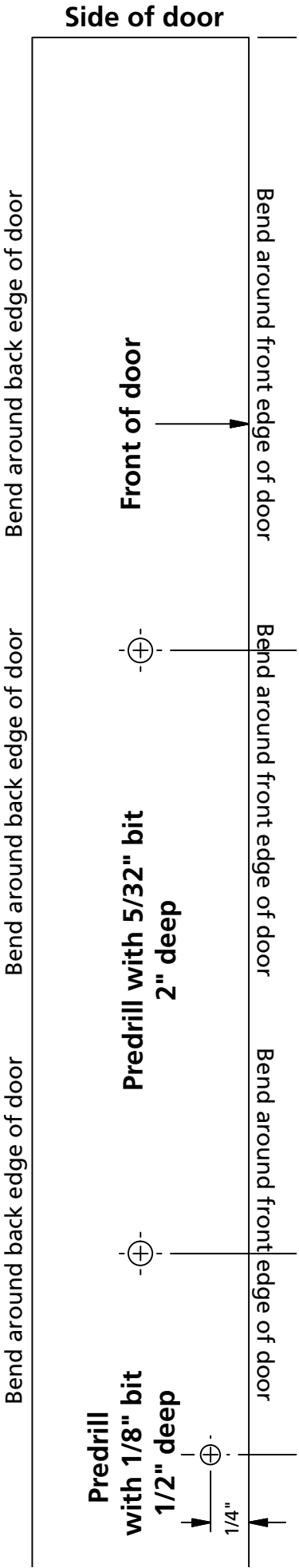
**Please visit jeld-wen.com for warranty
and care and maintenance information.**

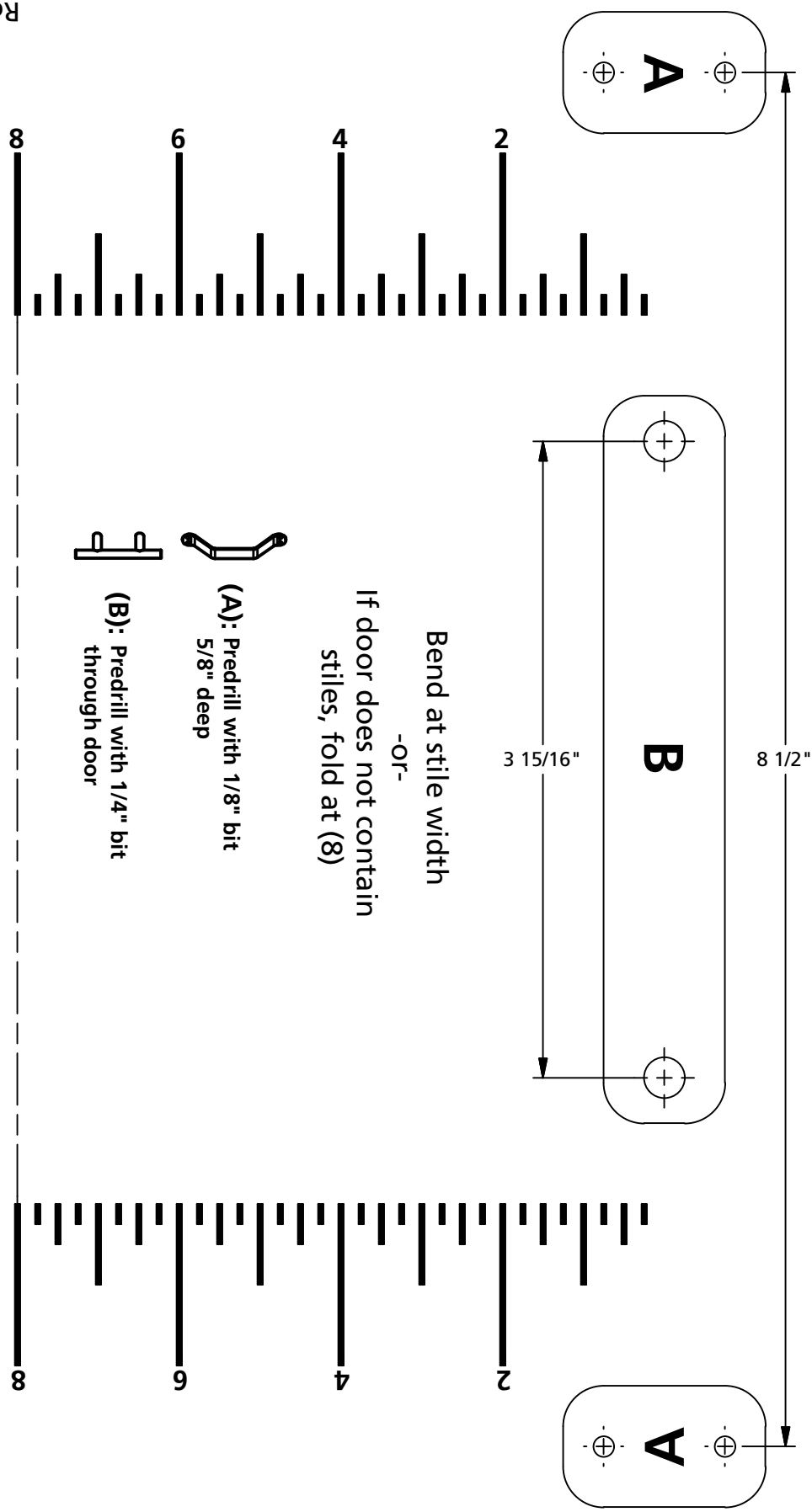
Thank you for choosing





Top Mount Hanger Drill Guide (Figure 31).





Reference Line
31 1/4" to bottom of door

