



Bypass Barn Door Hardware
Installation Manual

Safety Warnings and Cautions

IMPORTANT: Rustic Rolling Doors cannot anticipate every possible circumstance that might involve a potential hazard. Therefore, the warnings and cautions in this manual are not all inclusive. Use care and good judgment in the installation and operation of the hardware and doors. Always take precautions to protect yourself and others. Follow all applicable national, state, local, and industry-specific safety regulations and standards.



Warnings—Failure to follow warnings may result in serious injury or death!

- Read this manual carefully before attempting the installation.
- Do NOT use excessive force or speed when opening or closing the doors.
- Always properly install the Anti-Jump Pads to the doors. Anti-Jump Pads are REQUIRED for the safe operation of the doors. They are designed to help prevent the doors from jumping off the tracks.
- Always properly install the Door Stoppers on both ends of the tracks. Door Stoppers are REQUIRED for the safe operation of the doors. They are designed to help prevent the doors from coming off the tracks.
- When using power tools, always read and follow instructions in the power tools' manuals for their safe operation.
- Prior to using power tools, inspect the tool and attachments, such as bits, for damage. Do NOT use if damaged.
- When using power tools, always wear safety glasses and any other appropriate safety items such as hearing protection or gloves.
- When using power tools, take precautions to prevent your hair and clothing from being caught in the tool.
- When using power tools, ensure you have a firm grip on the tool and that you always maintain full control of the tool.
- When drilling, ensure you know the location of live electrical wires. Stay clear of wires, cables, pipes, and any other objects that may endanger you when drilling.
- When cutting or drilling, do not use excessive force.
- When cutting or drilling a door, always ensure the door is completely immobilized or clamped in place to prevent any movement that may result in the loss of control of the power tool.
- Always follow proper ladder safety. Read and follow the labels on the ladder. For more details, read about portable ladder safety at the OSHA Web site (www.osha.gov).




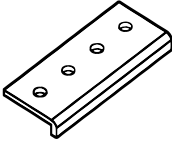
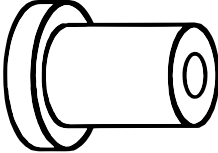


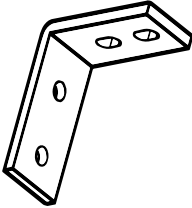
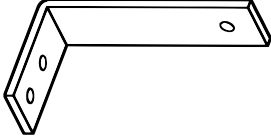



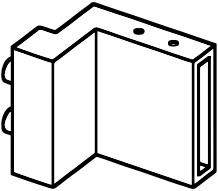
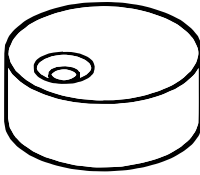
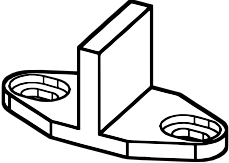
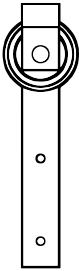
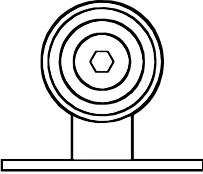
Cautions—Failure to follow cautions may result in bodily injury or damage to items!

- Clear your work area of trip hazards.
- Do NOT try to lift heavy objects, such as the doors, that are heavier than you can safely lift alone. If needed, have a second person help you lift.
- When lifting heavy objects, such as the doors, always use proper lifting techniques. Do NOT use your back muscles, use your leg muscles to lift.
- When lifting heavy objects, such as the doors, wear steel-toe safety shoes/boots to help prevent injury if the items are dropped.
- When lifting heavy objects, such as the doors, ensure you have a secure hold of the object and are properly balanced prior to moving.
- Beware of potential pinch points where you can be injured, such as pulleys. Keep hands and fingers away from moving parts.
- Secure hair and secure or remove loose clothing so they do not get caught in the moving components.
- Always use door handles. Do NOT close the doors using your hand on the end of the door—doing so can result in your hand or fingers being caught between the doors or another object such as moulding or the wall.

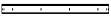


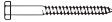


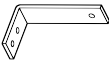
Disclaimer








All parts mentioned herein are subject to change without notice. We cannot guarantee the accuracy of the measurements provided. Rustic Rolling Doors assumes no responsibility for any errors that may appear in this document. In no event shall Rustic Rolling Doors be held liable for incidental or consequential damages arising from the use of this document or the hardware described in this document.

Component List

		
Track	Junction Plate (If applicable)	Spacer
		
Large Lag Bolt	Short Lag Bolt	Small Bypass Bracket
		
Large Bypass Bracket	Long-Thin Bolt	Short Bolt
		
Plastic Anchor	Door Stopper	Anti Jump Pad
		
Floor Guide	Front-Mounted Hangers (If applicable)	Top-Mounted Hangers (If applicable)

Before proceeding, it is a good time to take an inventory of the parts to ensure you have everything you need. Refer to the parts table below. If anything is missing, please contact us. Also, review the tools table that follows to ensure you have all the tools you will need for the installation.

							
Track Length	Flat Track	Junction Plate (Each comes with 4 Flat Head Screws, 4 Nuts, and 1 Hex Wrench)	Spacer	Large Lag Bolt (3-3/4" long) (Each comes with a Large Washer (3.4" across) and a Plastic Anchor (2" long))	Door Stopper (One Hex Wrench is provided regardless of the number of Door Stoppers)	Small Bypass Bracket	Large Bypass Bracket
4'	2	n/a	6	3	4	3	3
4'6"	2	n/a	6	3	4	3	3
5'	2	n/a	8	4	4	4	4
5'6"	2	n/a	8	4	4	4	4
6'	2	n/a	10	5	4	5	5
6'7"	2	n/a	10	5	4	5	5
7'	2	n/a	10	5	4	5	5
7'6"	2	n/a	12	6	4	6	6
7'11"	2	n/a	12	6	4	6	6
9'	4	2	16	8	4	8	8
10'	4	2	16	8	4	8	8
11'	4	2	16	8	4	8	8
12'	4	2	20	10	4	10	10
13'	4	2	20	10	4	10	10
14'	4	2	20	10	4	10	10
15'	4	2	24	12	4	12	12
15'10"	4	2	24	12	4	12	12
18'	6	4	30	15	4	15	15
20'	6	4	30	15	4	15	15

							
Track Length	Small Lag Bolt (2-1/8" long) (Each comes with a Small Washer (1/2" across) and a Plastic Anchor (1-9/16" long))	Long-Thin Bolt (2-9/16" long) (Each comes with 2 Medium Washers (5/8" across), and 2 Medium Nuts (1/2" across))	Short Bolt (1-1/4" long) (Each comes with 2 Large Washers (3/4" across), and 2 Large Nuts (5/8" across))	Anti-Jump Pad (Each comes with 1 Wood Screw)	Floor Guide (Each comes with 2 Wood Screws (1" long) and 2 Plastic Anchors (1-5/16" long))	Front-Mounted Hanger (If applicable) (For each hole in the hanger there will be 1 Long Bolt (2-5/8" long), 1 Large Washer (3/4" across), and 1 Acorn Nut)	Top-Mounted Hanger (If applicable) (Each comes with 2 Wood Screws (1-1/2" long))
4'	6	3	6	4	2	4	4
4'6"	6	3	6	4	2	4	4
5'	8	4	8	4	2	4	4
5' 6"	8	4	8	4	2	4	4
6'	10	5	10	4	2	4	4
6' 7"	10	5	10	4	2	4	4
7'	10	5	10	4	2	4	4
7' 6"	12	6	12	4	2	4	4
7' 11"	12	6	12	4	2	4	4
9'	16	8	16	4	2	4	4
10'	16	8	16	4	2	4	4
11'	16	8	16	4	2	4	4
12'	20	10	20	4	2	4	4
13'	20	10	20	4	2	4	4
14'	20	10	20	4	2	4	4
15'	24	12	24	4	2	4	4
15' 10"	24	12	24	4	2	4	4
18'	30	15	30	4	2	4	4
20'	30	15	30	4	2	4	4


Complete Tools and Equipment List

Wrenches	Other
4 mm Hex (Allen) Wrench (included with the Junction Plate)	Clamps
Hex (Allen) Wrench (included with the Door Stopper)	Ladder (Two ladders for some applications)
10 mm Wrench	Long Level (4' or longer)
1/2" (13 mm) Wrench	Pencil
Two 5/8" (16 mm) Wrenches	Phillips Screwdriver
11/16" (17 mm) Wrench	Ruler
Power Tools	Safety Glasses (and any other appropriate safety gear such as safety boots, hearing protection, and gloves). (Read and follow requirements found in the manuals for your power tools.)
Electric Drill	Tape Measure
1/8" Drill Bit	
7/32" Drill Bit	
11/64" Drill Bit (or 3/8" and 5/16" Masonry Drill Bits for concrete wall installations)	Optional
27/64" Drill Bit	Speed Square (Optional)
Router (Only required if cutting a door channel)	Stud Finder (Optional)
1/4" Cutter Bit (Only required if cutting a door channel)	
Saw (can be a circular saw, table saw, or a hand saw)	

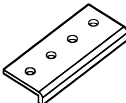


Attaching the Junction Plate

If your track is 7'11" or less, then skip ahead to the **Preparing Your Doorway** section. If your setup requires a total track length greater than 7'11", then you will need to connect two or more tracks together to obtain the proper length.

Parts

Drawings	Quantity	Description
	2 or more, as required	Tracks

Each Junction Plate set includes the following:

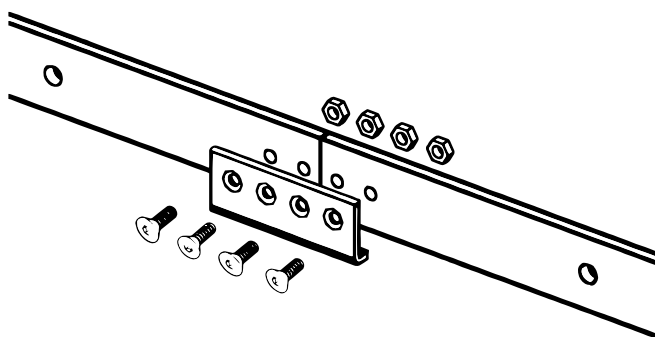
Drawings	Quantity	Description
	1	Junction Plate
	4	Flat Head Hex (Allen) Screws (5/8" long)
	4	Nuts (3/8" across)

Tools and Equipment

- 4 mm Hex (Allen) Wrench (Included)
- 10 mm Wrench

Steps

1. Align the two holes at one end of the Junction Plate with the two holes at the end of a Track.
2. Attach the Junction Plate to the track using two Flat Head Hex (Allen) Screws and two Nuts (finger tight). Note: The lip of the Junction Plate must be aligned with the bottom edge of the Track. See the illustration below.
3. Align the other two holes of the Junction Plate with two holes at the end of another Track.
4. Attach the Junction Plate to the additional Track using two Flat Head Hex (Allen) Screws and two Nuts (finger tight).
5. Using the 4 mm Hex (Allen) Wrench and the 10 mm Wrench, firmly tighten all screws and nuts.



6. Repeat the above steps if additional Junction Plates are needed.
7. Repeat all the above steps for the second set of tracks.

Preparing the Doorway

Materials

Header board (not included) may be needed.

Tools and Equipment

- Pencil
- Long Level (4' or longer)
- Ruler
- Tape Measure
- Ladder (Two ladders for some applications)
- Stud Finder (Optional)
- Speed Square (Optional)

Steps

Find the Wall Stud Locations

Note: This section describes what is necessary when installing to a standard wall with studs covered by drywall or paneling. It does not apply to other walls that do not have studs, such as a concrete wall.

The included tracks have predrilled holes that are 16" apart to match up with the standard spacing for wall studs; however, depending on your wall and the door opening you may find that your studs do not align with the predrilled holes. In those cases, we highly recommend that you attach a header board (not included) on top of your wall. The board must be secured to the studs. Later, the inside track and the bypass brackets are mounted to the board.

Note: Do NOT use the included plastic anchors as drywall anchors. They are designed for concrete wall applications only. We do NOT recommend the use of drywall anchors.



Caution

- Two people are recommended for this stage, especially for longer track lengths. Safety First—Do NOT try to do these steps on your own, particularly if a ladder is required.
- Read and follow all the warnings and cautions found at the beginning of this manual.

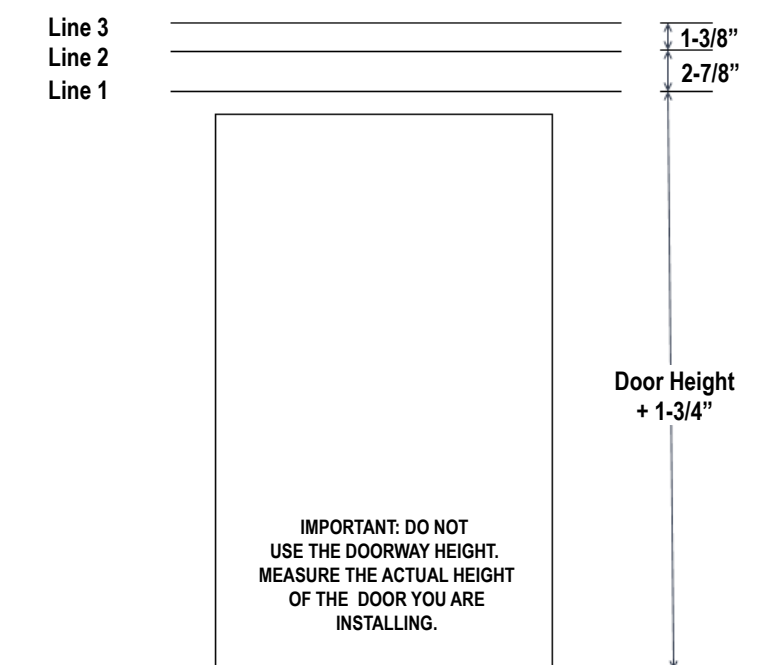
1. Find and mark the location of the wall studs along the length of your mounting location. Note: A Stud Finder tool may be helpful for this step, but other methods of your choice may be used.
2. Determine where the track will be aligned with your door opening. Note: The track is normally offset with the door opening allowing both doors to be pulled to the left or right of the opening depending of your wall space.
3. Hold up the track to the desired mounting location to see if the predrilled holes on the track will align with the studs. If not, proceed to step 4. Otherwise, proceed to the ***Drawing Horizontal Reference Lines*** section.
4. Obtain a solid piece of lumber to act as a header board. It should be longer than the track and at least 8" tall to accommodate the inside track and the bypass brackets. Note: A standard 1" (3/4" actual) thickness should be sufficient for most applications; however, ensure it is solid wood and NOT particle board or MDF. If needed, a thicker 2" (1-1/2" actual) board can be used instead. You may want to paint this board prior to installation.
5. Securely attach the header board to the wall on the studs.

Drawing Horizontal Reference Lines

Important: Always check your measurements. The instructions in this manual requires that the top and bottom of the door to be flat and even all the way across so that the measurements you take can be precise and so proper spacing can be maintained for the components. The instructions also assume that the doors you are using are of equal height.


Tip: Having a second person for this stage may be helpful.

1. Measure the height of the door you will be installing. Note: This measurement is not the mounting height or the height of the doorway. It is only the height of the door.
2. Determine the height of the first line that needs to be drawn on the wall (or header board) by adding 1-3/4" to the measurement of the height of the door.
3. Check to see if your floor is level under the mounting location. If it is not level, find the highest point of the floor over which the doors will travel. This is the point where you should measure from in the next step.
4. Using the measurement you computed, measure vertically that distance from the floor and make a mark on the wall (or header board).



5. Repeat step 4 at several points along the mounting location. Note: If your floor is not level, no further marks are necessary.
6. Using a long level and the marks you made, draw a horizontal line at least as long as the track. IMPORTANT: This line, as well as the next two lines, must be level. Otherwise, the door will roll on its own in one direction or the other after it is mounted.
7. Using a ruler, measure up 2-7/8" from the first line and make a mark.
8. Repeat step 7 at several points along the mounting location.
9. Using a long level and the marks you just made, draw a second horizontal line parallel to the first.
10. Using a ruler, measure up 1-3/8" from the second line and make a mark.
11. Repeat step 10 at several points along the mounting location.
12. Using a long level and the marks you just made, draw a third horizontal line parallel to the first and second.

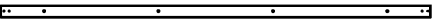
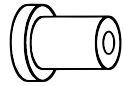

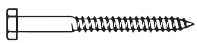
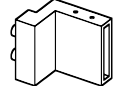

Marking the Drill Holes

 Caution	<ul style="list-style-type: none"> Two people are recommended for this stage, especially for longer track lengths. Safety First—Do NOT try to do these steps on your own, particularly if a ladder is required. Read and follow all the warnings and cautions found at the beginning of this manual.
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1. Hold up the track so that the first horizontal line is centered with the predrilled holes of the track.
2. Make a mark through the center of each hole. Note: These marks should also correspond with the wall studs unless you are using a header board.
3. Set the track aside.
4. Draw a vertical line through the marks you just made that also crosses the second and third horizontal lines. Note: The intersections of the vertical and horizontal lines mark the locations of the drill holes, so it is important that the vertical lines are straight up and down. In other words, they should be perpendicular to the horizontal lines, meeting at 90 degree angles. A speed square may be helpful for this step.

Mounting the First Track

Parts

Drawings	Quantity	Description
	1	One complete length of track. This includes individual tracks that are joined by Junction Plates.
	One is needed for each large predrilled hole of the track.	Spacer
	One is needed for each large predrilled hole of the track.	Large Washer (3/4" across)
	One is needed for each large predrilled hole of the track.	Large Lag Bolt (3-3/4" long)
	2	Door Stopper
	One is needed for each large predrilled hole of the track when installing to a concrete wall.	Plastic Anchor (2" long) Note: These are only needed if you are installing to a concrete wall. They are then inserted into the holes you drilled in Step 1 below.

Tools and Equipment

- 1/2" (13 mm) Wrench
- Electric Drill
- 11/64" Drill Bit
- Hex (Allen) Wrench (included with the door stopper)
- Safety glasses (and any other appropriate safety gear)

Note: If you are installing on a concrete wall, you will need a 3/8" masonry drill bit instead of the 11/64" bit listed above.

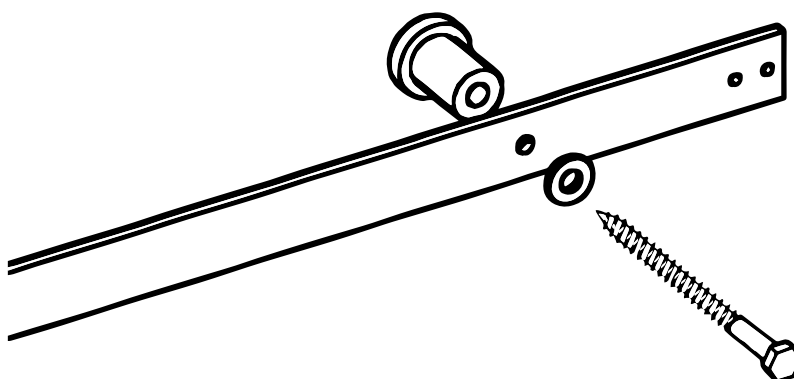


Warning

- Read and follow all the warnings and cautions found at the beginning of this manual. Many are related to the use of power tools and are directly applicable to this section.
- Always properly install the Door Stoppers on both ends of the tracks. Door Stoppers are **REQUIRED** for the safe operation of the doors. They are designed to help prevent the doors from coming off the tracks.

Steps

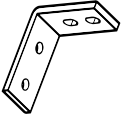
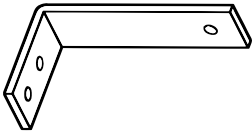






1. Using a drill and an 11/64" bit, drill holes where the vertical lines cross the first horizontal line.
2. Slide a Door Stopper on each end of the track. The rubber bumpers should be facing inward.
3. Loosely tighten the two screws on each Stopper using the included Hex (Allen) Wrench so the Door Stoppers do not slide off. Later in the process you will have to tighten them down firmly.
4. Place a Large Washer on a Large Lag Bolt.



5. Starting at one end of the track, align the Spacer behind the first large predrilled hole of the track. The wider end of the Spacer will be facing the wall. Note: Do not try to hold up the entire length of the track in its final position. Allow the other end of the track to hang down, or if it is long enough allow it to rest on the floor.
6. Insert the Large Lag Bolt with the washer through the large predrilled hole of the track and the Spacer, then line it up with the corresponding hole that you drilled. Note: In some cases the Large Lag Bolt may be a very tight fit. If you have problems inserting it, use a 1/2" Wrench to screw the lag bolt in the large predrilled hole of the track.
7. Tighten the Large Lag Bolt using a 1/2" Wrench. Do not tighten the bolt all the way rather just tighten it firmly enough to support the weight of the track. The track needs to be able to move and allow for the subsequent Spacers to be inserted behind it for the remaining predrilled holes.
8. At the other end of the track, repeat the steps of placing the washer on the lag bolt, aligning the Spacer behind the predrilled hole of the track, inserting the lag bolt through the track and Spacer, aligning the bolt with the hole you drilled, and tightening the lag bolt.
9. Repeat the steps again for the remaining large predrilled holes.
10. Tighten all the lag bolts firmly.

Mounting the Brackets

Parts

Drawings	Quantity	Description
	One is needed for each large predrilled hole of the track.	Small Bypass Bracket
	One is needed for each large predrilled hole of the track.	Large Bypass Bracket
	Two are needed for each Small Bypass Bracket.	Small Washer (1/2" across)
	Two are needed for each Small Bypass Bracket.	Small Lag Bolt (2-1/8" long)
	Two are needed for each Small Bypass Bracket.	Short Bolt (1-1/4" long)
	Four are needed for each Small Bypass Bracket.	Large Washer (3/4" across)
	Two are needed for each Small Bypass Bracket.	Large Nut (5/8" across)
	Two are needed for each Small Bypass Bracket when installing to a concrete wall.	Plastic Anchor (1-9/16" long) Note: These are only needed if you are installing to a concrete wall. They are then inserted into the holes you drilled in Step 1 below.

Tools and Equipment

- Two 5/8" (16 mm) Wrenches
- 10 mm Wrench
- Electric Drill
- 11/64" Drill Bit
- Safety Glasses (and any other appropriate safety gear)

Note: If you are installing on a concrete wall, you will need a 5/16" masonry drill bit instead of the 11/64" bit listed above.



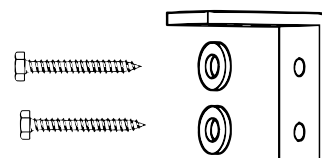
Warning

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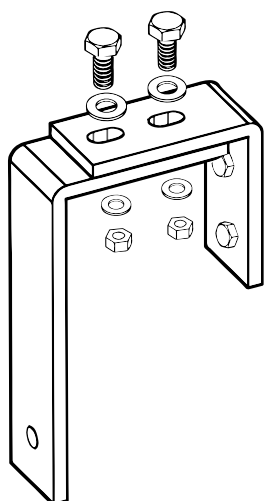
Steps

Attaching the Small Bypass Brackets to the Wall (or Header Board)

1. Using a drill and an 11/64" bit, drill holes where the vertical lines cross the second and third horizontal lines.
2. Place the Small Washers on the Small Lag Bolts.
3. Position the arm of the Small Bypass Bracket that has the round holes over two of the holes you just drilled. The arm of the bracket with the slotted holes should be perpendicular to the wall and should be at the top of the bracket.
4. Insert a Small Lag Bolt with the washer in one of the bracket holes and the hole you drilled, then tighten loosely with a 10 mm Wrench.
5. Insert another Small Lag Bolt with the washer in the other hole and tighten loosely with a wrench.
6. Allow the bracket to rest on the lag bolts, ensure the bracket is straight vertically, and tighten the bolts firmly with a wrench.
7. Repeat the above steps for the remaining brackets.




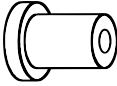



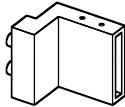
Attaching the Large Bypass Brackets to the Small L-Brackets



1. Slide one Large Washer on each of the two Short Bolts.
2. Position the short arm of the Large Bypass Bracket underneath the slotted holes of a bracket you just mounted.
3. Insert one Short Bolt with the washer through each of the top-slotted holes of the Small Bypass Bracket and the holes of the Large Bypass Bracket.
4. Place a Large Washer and a Large Nut on the bolt, then finger tighten the nut.
5. Repeat the last step for the other bolt.
6. Slide the Large Bypass Bracket all the way back and ensure that its edges line up with the Small Bypass Bracket. Note: Depending on the thickness of your doors, you can adjust the location of the Large Bypass Bracket by sliding the bracket forward if you later determine that is required for your situation.
7. Using two 5/8" wrenches, firmly tighten the nuts and bolts.
8. Repeat the above steps for the rest of the brackets.


Attaching the Second Track to the Brackets

Parts

Drawings	Quantity	Description
	1	One complete length of track. This includes individual tracks that are joined by Junction Plates.
	One is needed for each large predrilled hole of the track.	Spacer
	One is needed for each large predrilled hole of the track.	Long-Thin Bolt (2-9/16" long)
	Two are needed for each large predrilled hole of the track.	Medium Washer (5/8" across)
	Two are needed for each large predrilled hole of the track.	Medium Nut (1/2" across)
	2	Door Stopper

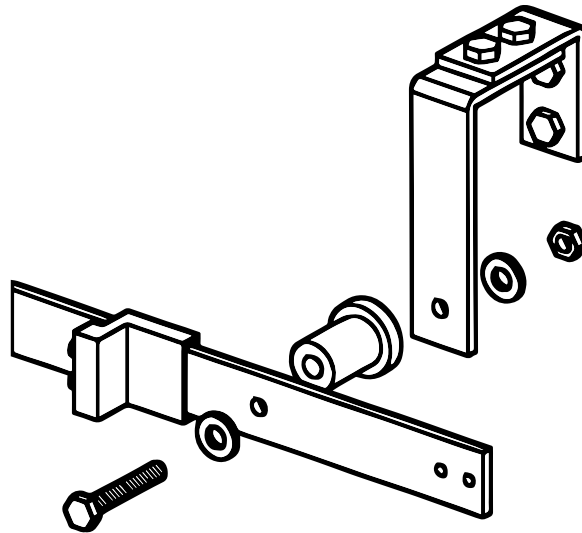
Tools and Equipment

- Two 1/2" (13 mm) Wrenches
- Hex (Allen) Wrench (included with the door stopper)

 Warning	<ul style="list-style-type: none"> • Read and follow all the warnings and cautions found at the beginning of this manual. • Always properly install the Door Stoppers on both ends of the tracks. Door Stoppers are REQUIRED for the safe operation of the doors. They are designed to help prevent the doors from coming off the tracks.
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Steps

1. Slide a Door Stopper on each end of the track. The rubber bumpers should be facing inward.
2. Loosely tighten the two screws on each stopper using the included Hex (Allen) Wrench so the Door Stoppers do not slide off. Later in the process, you will have to tighten them down firmly.
3. Place one Medium Washer on the Long-Thin Bolt.
4. Starting at one end of the track, align the Spacer behind the first predrilled hole of the track. The wider end of the spacer will be facing the Large Bypass Bracket. Note: Do not try to hold up the entire length of the track in its final position. Allow the other end of the track to hang down, or if it is long enough allow it to rest on the floor.
5. Insert the Long-Thin Bolt with the washer through the large predrilled hole of the track, the spacer, and the hole on the Large Bypass Bracket.
6. Place another washer and a Medium Nut on the end of the bolt, then finger tighten the nut. Do not tighten the nut all the way rather just tighten it firmly enough to support the weight of the track. The track needs to be able to move and allow for the subsequent Spacers to be inserted behind it for the remaining predrilled holes.
7. At the other end of the track, repeat the steps of placing the washer on the bolt, aligning the Small Spacer behind the predrilled hole of the track, inserting the bolt through the track, spacer, and the hole of the Large Bypass Bracket, placing a washer and nut on the end of the bolt, and finger tightening the nut.
8. Repeat the steps again for the remaining large predrilled holes.
9. Tighten all the nuts and bolts firmly.



Preparing the Doors

Cutting a Channel at the Bottom of the Doors for the Floor Guides (If Needed)

Materials

Two assembled doors.

Tools and Equipment

Note: These items are only needed if you have to cut a channel at the bottom of the doors.

- Router
- 1/4" Cutter Bit
- Pencil
- Ruler
- Clamps
- Safety Glasses (and any other appropriate safety gear)

Note: If you do not have a router or do not feel comfortable making this cut, other floor guide options are available for purchase.

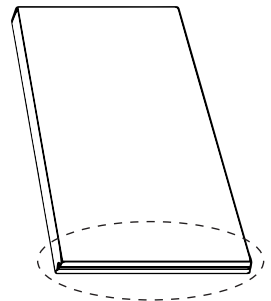


Warning

Read and follow all the warnings and cautions found at the beginning of this manual. Many are related to the use of power tools and are directly applicable to this section.

Steps

1. Check the bottom edge of the doors since they may already have channels. If not proceed to the next step.
2. Draw a line on the bottom edge of the door. The line should go the full length of the bottom edge of the door, and it must be centered and straight.
3. Clamp down the door to a workbench or otherwise secure the door so it immobilized.
4. Using a router with a 1/4" Cutter Bit and the line as guidance, cut a channel that is 1/4" wide and approximately 5/8" to 13/16" deep at the bottom of the door to accommodate the floor guide. The channel should go the full length of the bottom of the door.
5. Repeat the above steps for the other door.



Attaching the Front-Mounted Hangers to the Doors

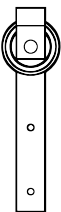



Materials

- A 2 x 6 or 2 x 4 piece of wood. (Note: A scrap piece of lumber should work fine.)
- Doors
- Hangers

Tools and Equipment

- Pencil
- Ruler
- Speed Square (optional)
- Electric Drill
- Saw
- 27/64" Drill Bit
- 5/8" (16 mm) Wrench
- 11/16" (17 mm) Wrench
- Safety Glasses (and any other appropriate safety gear)

Parts

Drawings	Quantity	Description
 (Hanger Styles Vary)	Two are needed per door.	Hanger. There are a variety of hanger styles available.
	One is needed for each predrilled hole of the hanger.	Long Bolt (2-5/8" long)
	One is needed for each predrilled hole of the hanger.	Large Washer (3/4" across)
	One is needed for each predrilled hole of the hanger.	Acorn Nut



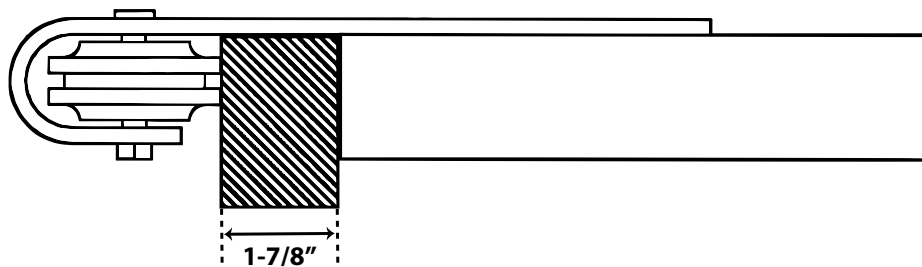
Warning

Read and follow all the warnings and cautions found at the beginning of this manual. Many are related to the use of power tools and are directly applicable to this section.

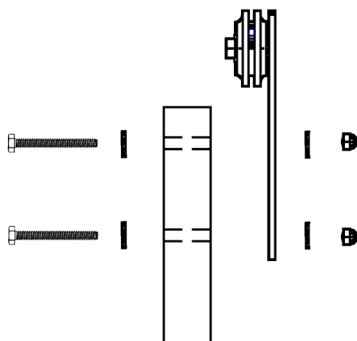
Steps

Important: Always check your measurements.

1. Cut a block on wood that measures 1-7/8" in height.
 Note: Cutting this block from an end of a 2 x 6 or a 2 x 4 piece of wood works well.
 Important: This block will be used as a measurement spacer for the proper placement of the hangers so the block's height of 1-7/8" must be as precise as you can make it all the way across the block. A difference of 1/16" is significant and can throw off the installation.
2. Position the hanger on top of the door. Note: The distance from the side edges of the door will vary with the style of your hanger and the style of your door. Use your judgment to determine what that measurement should be. However, try for a whole number that you can easily measure since it will need to be repeated for the other hanger.
3. Place the block between the top of the door and the roller of the hanger, keeping them firmly against each other. Refer to the image below.



4. Mark the centers of the mounting holes of the hangers. Note: A cross hair pattern works well.
5. Remove the hanger and block.
6. Using a 27/64" bit, drill the holes. Note: It is important that you drill the holes accurately. Do not rush. You may find that indenting the wood at the center points of the holes before you drill or drilling a smaller pilot hole may help.
7. Position a hanger over the set of the drill holes. The pulley should be facing towards the back of the door.
8. Place a Large Washer on the Long Bolt.
9. Insert the Long Bolt with the washer through the hole on the back of the door and the hole on the hanger.
10. Place a Large Washer and the Acorn Nut on the end of the bolt then finger tighten the nut.



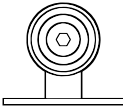

11. Repeat the last three steps for the other hole(s).
12. Using a 5/8" Wrench on the bolts and an 11/16" Wrench on the Acorn Nuts, tighten firmly.
13. Repeat all steps for the other hanger. Use the same measurement for the distance from the side edge of the door for all of the hangers.
14. Repeat all steps for the other door.

Attaching the Top-Mounted Hangers to the Doors

Tools and Equipment

- Pencil
- Ruler
- Speed Square (optional)
- Electric Drill
- 1/8" Drill Bit
- Phillips Screwdriver
- Safety Glasses (and any other appropriate safety gear)

Parts

Drawings	Quantity	Description
	Two are needed per door.	Top Mount Hanger
	Two are needed for each hanger.	Wood Screw (1-1/2" long)



Warning

Read and follow all the warnings and cautions found at the beginning of this manual. Many are related to the use of power tools and are directly applicable to this section.

Steps

Important: Always check your measurements.

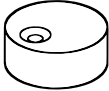
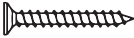
1. Place the Top Mount Hanger on the top edge of the door. The base of the hanger should be centered between the front and back edge of the door. Note: You can decide how far in from the side edge of the door you want to place it. However, try for a whole number that you can easily measure since it must be repeated for the other hanger.
2. Using your pencil, mark the door through the center of each of the holes on the base of the hanger. Note: The distance between the marks should be 3-15/16".
3. Repeat the above steps for the other hanger. Use the same measurement for the distance from the side edge of the door for all of the hangers.
4. Using a drill and the 1/8" bit, drill pilot holes where you placed the marks for both hangers.
5. Position a hanger over the holes with the pulley facing the back of the door.
6. Insert the wood screws and tighten with a Phillips Screwdriver.
7. Repeat the last two steps for the other hanger.
8. Repeat all steps for the other door.


Attaching the Anti-Jump Pads to the Doors

Tools and Equipment

Phillips Screwdriver

Parts

Drawings	Quantity	Description
	Two are needed per door.	Anti-Jump Pads
	One is needed per Anti-Jump Pad.	Wood Screw (3/4" long)

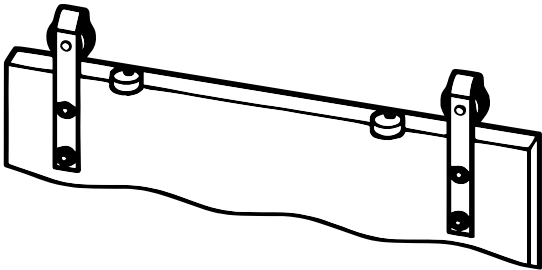


Warning

Always properly install the Anti-Jump Pads to the doors. Anti-Jump Pads are REQUIRED for the safe operation of the doors. They are designed to help prevent the doors from jumping off the tracks.

Steps

- Position an Anti-Jump Pad on the top edge of the door to the right of the left-side hanger.
 Note: If you are using top-mounted hangers, the placement of the Anti-Jump Pads can be slightly different. What is important is that when the door is hanging on the track, the Anti-Jump Pads must be able to be swiveled so that they are directly under the track. The Anti-Jump Pads must also be mounted so you can swivel them out from under the track when hanging or removing the door.



- Insert the Wood Screw through the hole of the pad and tighten it with a Phillips Screwdriver. It should be loose enough to move with a little effort but not so loose that it is freely moving.
- Position an Anti-Jump Pad on the top edge of the door to the left of the right-side hanger. Note: Again, the placement may differ with top-mounted hangers.
- Insert the Wood Screw through the hole of the pad and tighten it with a Phillips Screwdriver. It should be loose enough to move with a little effort but not so loose that it is freely moving.
- Swivel both Anti-Jump Pads so they extend off the front edge of the door. Note: If you are using top-mounted hangers, swivel the Anti-Jump Pads so they will not be directly under the track when mounting the door.
- Repeat the above steps for the other door.

Mounting the Door on the Track



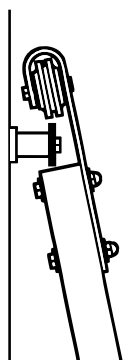
Warning

- Two people are recommended for this stage, especially if your doors are heavy.
- Remember to use proper lifting techniques, bending your knees and lifting with your legs.
- The Anti-Jump Pads must be properly positioned.
- The Door Stoppers must be secured so they do not move.
- Read and follow all the warnings and cautions found at the beginning of this manual.

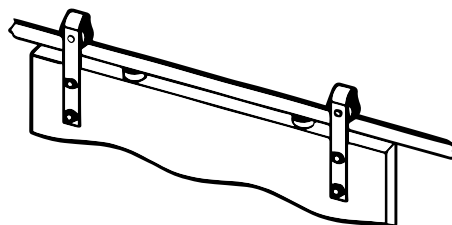
Tools and Equipment

- Hex (Allen) Wrench (included with the door stopper)
- Phillips Screwdriver

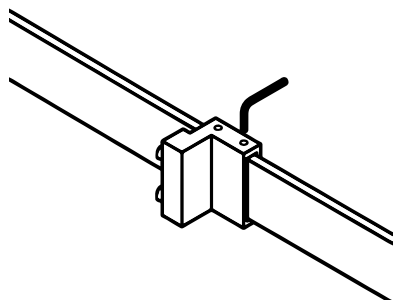
Steps



1. Position the doors near the tracks.
2. Lift the door and angle it in so that the pulleys are over the back track.
3. Lower the door so that the grooves of the pulleys are resting on the track.
4. Swivel the Anti-Jump Pads 180 degrees so they are positioned under the track.
5. Tighten the screws firmly with a Phillips Screwdriver. (Required)



6. Slide the Door Stoppers to their desired position.
7. Firmly tighten the screws of the Door Stoppers with the Hex (Allen) Wrench. (Required)



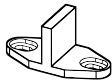


8. Check to see if the Anti-Jump Pads are functioning correctly by lifting up on the door. The door should not be able to be lifted completely off the track since the Anti-Jump Pads should be close enough to the bottom of the track to prevent it. If there is too much space between the Anti-Jump Pads and the track, you should shim the Anti-Jump Pads with a washer. The mounting screws of the Anti-Jump Pads should go through the center of the washers. And, the washers should be an adequate size to fully support the Anti-Jump Pads and prevent the door from being completely lifted off the track while still allowing the pads to slide under the track without touching it (or the optional soft-close mounting points when in use).
9. Repeat for the other door on the front track.


Installing the Floor Guides

Tools and Equipment

- Long Level
- Pencil
- Electric Drill
- 7/32" Drill Bit
- Phillips Screwdriver
- Safety Glasses (and any other appropriate safety gear)

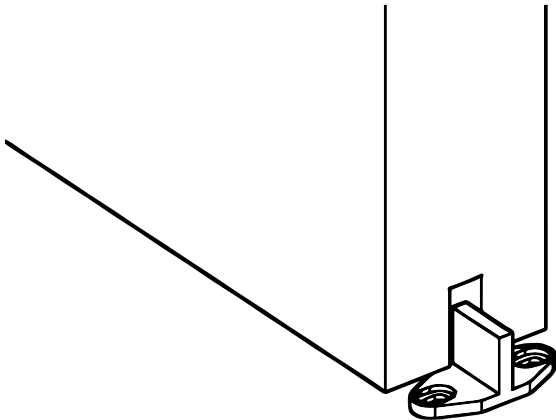
Parts

Drawings	Quantity	Description
	One is needed per door.	Floor Guides
	Two are needed per Floor Guide.	Screw (1" long)
	Two are needed per Floor Guide.	Plastic Anchors (1-3/16" long)

 Warning	Read and follow all the warnings and cautions found at the beginning of this manual. Many are related to the use of power tools and are directly applicable to this section.
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Steps

1. Slide the doors all the way to the side so they are in the open position.
2. Position a Floor Guide so that half the width of the vertical edge of the Floor Guide is inside the bottom channel of the door.



3. Using your level on the front or back sides of the door, ensure the door is plumb (hanging straight vertically) and hold it still when plumb. Note: It might be helpful for a second person to hold it plumb while you complete the steps.
4. Adjust the Floor Guide so it is centered in the channel.
5. Mark the center of the holes of the Floor Guide and remove.
6. Repeat the above steps for the other door and Floor Guide.
7. Using a drill and a 7/32" bit, drill holes where you placed the marks.
8. Insert the Plastic Anchors into the holes.
9. Position the Floor Guide over the holes.
10. Insert the screws and tighten with a Phillips Screwdriver.
11. Repeat for the other Floor Guide.



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