



VDOM DOORS

BYPASS BARN DOOR HARDWARE KIT — INSTALLATION MANUAL

System type: Barn bypass — dual doors slide on parallel tracks behind each other

Track lengths: 6.6 FT / 8 FT / 9 FT / 10 FT / 13 FT

Max door weight: Per hanger capacity — do not exceed rated load for selected track

Min door thickness: 1-3/8" (35mm)

01

PARTS LIST — CHECK QUANTITIES BEFORE INSTALLATION

Part Name	Flat Track	Steel Hanger	Anti-jump Pad	Floor Guide	Door Stopper	Lag Screws	Spacer	Junction Plate	Bypass Bracket Suit
Picture									

Verify all parts are present before starting. Quantities vary by track length — see table below.

Track Size	Flat Track	Steel Hanger	Anti-jump Pad	Floor Guide	Door Stopper	Lag Screws	Spacer	Junction Plate	Bypass Bracket Set
6.6 FT	2	4	4	2	4	5	5	0	5
8 FT	2	4	4	2	4	6	6	0	6
9 FT	4	4	4	2	4	6	6	2	6
10 FT	4	4	4	2	4	8	8	2	8
13 FT	4	4	4	2	4	10	10	2	10

Measure carefully before framing or ordering. This system always ships with two door panels. Both panels slide on parallel tracks — one behind the other. The opening width should be smaller than the total door width so doors fully cover the opening when closed.

Dimension	Formula	Notes
Opening Width	Total door width – 4" minimum (e.g. 18"+18" = 36" doors → max 32" opening)	Narrower opening = better light block & sound insulation. The wider you leave the opening, the more gap is visible on each side when doors are closed.
Opening Height	Door height – 1" (e.g. 80" doors → max 79" opening)	Door must clear the floor by at least 1/2"–3/4" for smooth operation.
Ceiling Clearance	Door height + 8" minimum to ceiling (e.g. 80" doors → ceiling min 88")	Track hangers need headroom above the track. Less than 8" clearance and hangers may contact the ceiling during installation or operation.
Track Mount Height	Door height + 1-11/16" from floor to track centerline	This is the reference line (Line ①) drawn in Step 4. Must be perfectly level across the full wall span.

Important — Wall Gap: The further the track is mounted from the wall (using longer spacers), the larger the visible side gap between the door panel and the wall when the doors are open. Use the shortest spacers that clear your baseboard to minimize this gap.

Example from our website: Door 36" × 80" (two 18" panels) → Recommended opening: 32" × 79" | Ceiling min: 88"

Track centerline must be mounted at exactly: Door Height + 1-11/16" above the finished floor. This gives correct bottom clearance for the door to swing without touching.

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NOTE: Header/beam must be solid wood or LVL to accept lag screws. For concrete walls, use masonry anchors (not included). Do NOT mount into drywall alone.

► Power drill + bits	1/4" wood bit, 3/8" concrete bit, 7/16" hanger bolt bit
► Level	4-ft minimum — critical for smooth door operation
► Tape measure + pencil	For marking all reference lines
► Ratchet wrench	For fully tightening lag screws and hanger bolts
► Hacksaw or miter saw	With metal blade — for cutting track to length

► Stud finder	To locate wall studs for bracket mounting
► Step ladder	Track mounts near ceiling
► Assistant	Two people required for hanging heavy doors

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ATTACH STEEL HANGERS TO DOORS

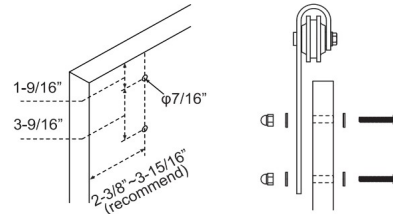
Drill 7/16" holes at the distances from the top of each door panel shown below. Holes are for the Hanger Bolts.

Upper hole: 1-9/16" from top of door.

Lower hole: 3-9/16" from top of door.

Horizontal position: 2-3/8" to 3-15/16" from edge (recommended: centered on stile).

Important: Hanger Bolts insert through the BACK of the door — Acorn Nuts attach on the FRONT face.



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NOTE: Drill pilot holes to avoid splitting the door stile. Use a drill press or guide if available. Misaligned holes will cause the door to hang crooked.

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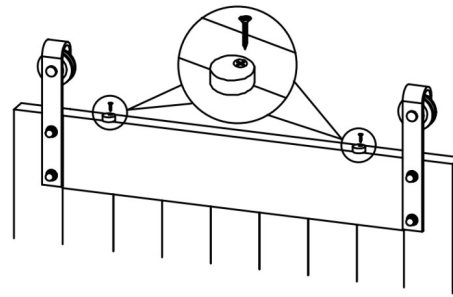
INSTALL ANTI-JUMP PADS

Install the Anti-Jump Pad onto each hanger, positioned near the front edge of the door.

Placement: screw is near the front edge of the door — drill a pilot hole to prevent splitting.

Tightening: do NOT overtighten — the pad must be able to rotate.

Function: pad twists under the track after door is hung to prevent door from jumping off track.



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NOTE: Anti-jump pads are required for safe operation. A door without them can derail and fall. Do not skip this step.

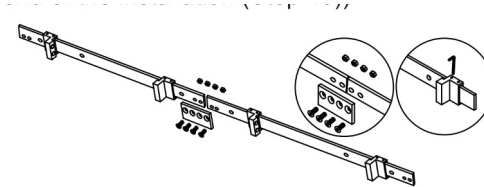
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CONNECT TRACKS & INSTALL DOOR STOPPERS

If your opening requires it, connect track sections using Junction Plates. Install Door Stoppers loosely near each end of the track — final position is set in Step 10.

Junction plates: for 9FT, 10FT, 13FT tracks only (2 pieces per kit). Align tracks and bolt plates across the joint.

Door stoppers: slide onto track at each end and loosely tighten — do not finalize position yet



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DRAW 3 REFERENCE LINES ON WALL

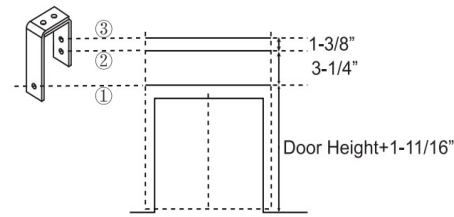
Using a level, draw three horizontal reference lines on the wall:

Line ①: at Door Height + 1-11/16" from finished floor. This is the track centerline.

Line ②: 3-1/4" above line ①. Upper bracket hole.

Line ③: 1-3/8" above line ①. Lower bracket hole.

Lines must span the full length of both tracks. Use a chalk line for long spans.



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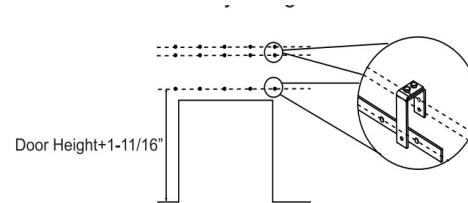
MARK AND DRILL TRACK HOLES

Align one track along line ① and mark all bracket hole positions. Hole spacing: 16" apart — align with wall studs where possible.

Wood frame: drill 1/4" pilot holes through drywall into studs.

Concrete: drill 3/8" holes with a masonry bit, insert supplied hollow wall anchors.

Upper lines: transfer hole marks upward to lines ② and ③ using a level — these must be perfectly parallel.



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INSTALL THE INSIDE TRACK

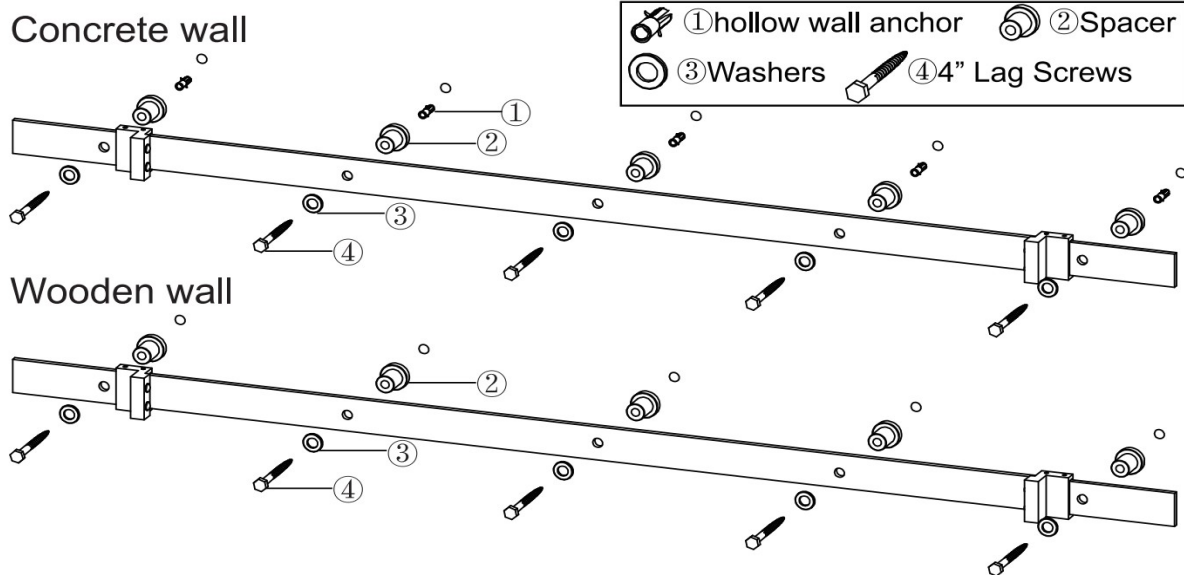
Mount the INSIDE (wall-side) track using Spacers, Long Lag Screws (4"), and Washers.

Tip — one-person method: loosely attach one end with screws, let the other end rest on the floor, swing up into position, then work middle holes.

Concrete wall: use hollow wall anchors ① + Spacers ② + Washers ③ + 4" Lag Screws ④.

Wood frame: Spacers ② + Washers ③ + 4" Lag Screws ④ directly into studs.

Tighten: use a ratchet. Do not overtighten — you may strip the stud.



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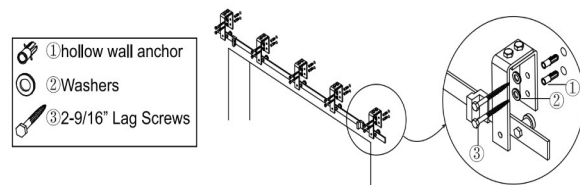
ATTACH BYPASS BRACKETS TO WALL

Attach the Bypass Brackets to the wall. These hold the outer track at the correct offset from the inner track.

Method: loosely attach each bracket with Short Lag Screws (2-9/16") and washers. Use hollow wall anchors if studs are not present.

Tighten: once all brackets are aligned, fully tighten all lag screws with a ratchet.

Caution: do not overtighten — you may strip the anchors or studs.



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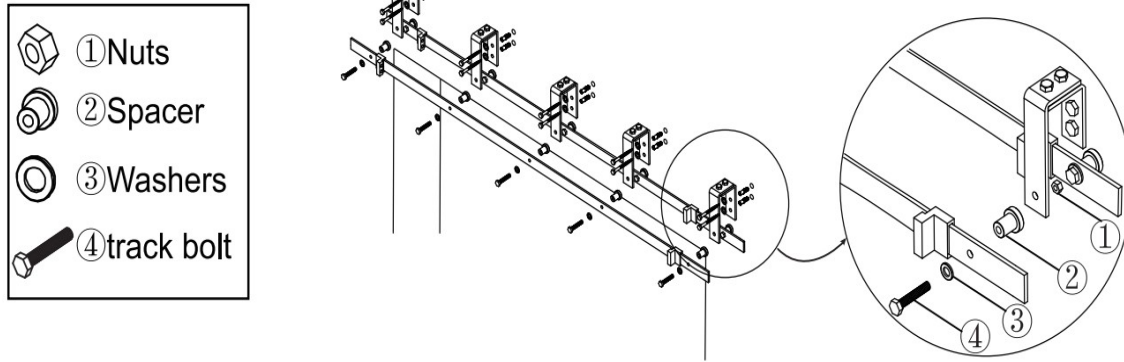
INSTALL THE OUTSIDE TRACK

Mount the OUTSIDE track to the Bypass Brackets using Track Bolts, Spacers, Washers, and Nuts.

Assembly order (per bracket): Track Bolt → Spacer ② → Washer ③ → Nut ① — tighten firmly.

Offset: the outside track should sit parallel to the inside track, separated by the thickness of one door panel + clearance (~1/2").

Level check: verify both tracks are level and parallel before tightening all nuts.



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HANG YOUR DOORS

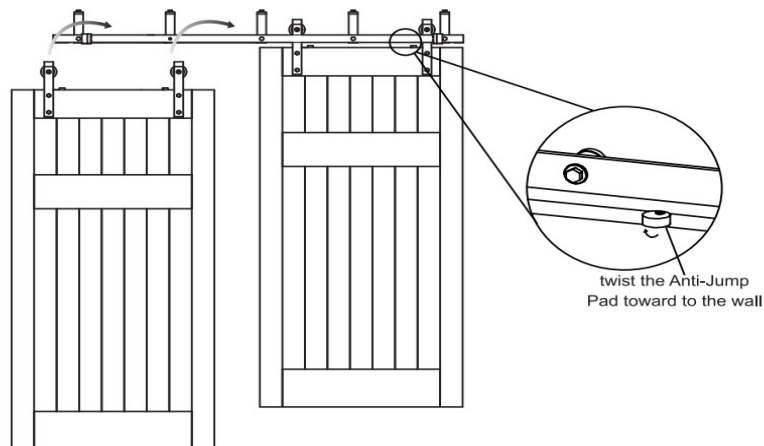
Lift each door and hang the hangers into the track wheels. One person lifts, one guides hanger into track slot.

Inner door: hangs on the inside (wall-side) track.

Outer door: hangs on the outside track.

Anti-jump pad: after hanging, TWIST the anti-jump pad toward the wall so it sits UNDER the track. This is critical.

Safety: ensure door is fully seated in track before releasing. Never let go until anti-jump pad is engaged.



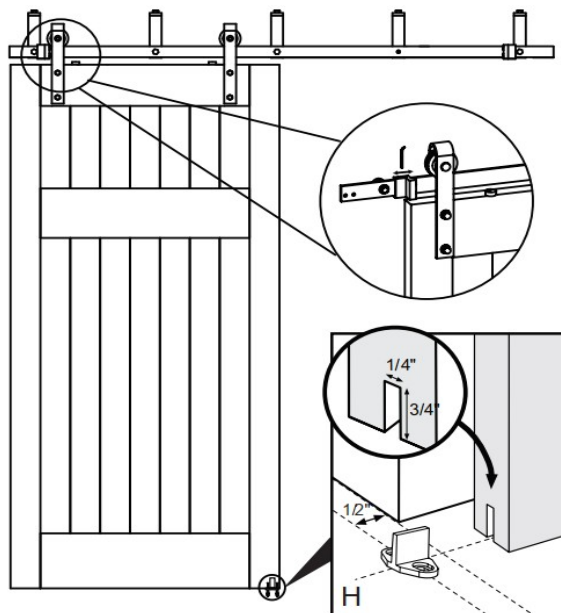
WARNING: Lack of, or improperly installed Anti-Jump Pads may result in the door coming off the track causing serious injury or death. Always ensure Anti-Jump Pads are engaged under the track before use.

Slide doors to the desired open position. Place the floor guide under the door edge, mark the location, and screw the guide to the floor.

Part a: position door at desired open position → place guide → mark → fix to floor.

Part b: slide doors to closed position → adjust Door Stoppers on track to prevent doors from sliding past the opening edge → tighten stoppers.

Floor guide gap: gap between guide and door bottom: $H = 1/4"$ to $3/4"$ — see diagram.



NOTE: The T-Shape Floor Guide is included in the kit. However, the groove cut at the bottom of the door slab is not included unless the **T-Shape Guide Groove** was selected separately as an add-on. If the groove cut was not ordered, it must be routed on-site by the installer before installation. The groove can be made using a router with a straight bit, a table saw, or a circular saw with a guide rail. Make sure the groove is straight, centered, and matches the T-guide thickness so the door can slide smoothly without rubbing or binding.

The following items are available as optional add-ons from VDOM and must be specified when placing your door order. They are not included in the standard hardware kit.

T-Shape Floor Guide Groove — Add-On

A T-shaped guide that inserts into a routed groove in the bottom edge of the door slab. Completely hidden from view when installed. Provides superior lateral stability — strongly recommended for doors over 84" tall or heavier than 80 lbs per panel.

- ▶ **Groove specs:** 1/4" (6mm) wide × 3/4" (19mm) deep — pre-routed into door bottom at factory.
- ▶ **Compatibility:** all VDOM barn bypass slabs when specified at time of order.
- ▶ **Benefit:** eliminates door swing at bottom entirely. No floor track or surface hardware visible.

ADD-ON

T-Shape Guide Groove must be ordered at time of door purchase. The factory pre-routes the groove into the door slab bottom.

Soft-Close Mechanism — Add-On

A hydraulic damper that attaches to the track near the closed position. Slows the door in the last 12" of travel for a quiet, controlled close.

- ▶ **Compatible with:** all VDOM barn bypass flat track hardware. Door must be 24" or wider
- ▶ **Installation:** mounts to track bracket — no door modification required.

ADD-ON

Soft-Close Mechanism must be ordered separately. Specify track length and finish when ordering.



WARNING: Failure to wear proper safety gear (eye protection) may result in serious injury or death. Always wear proper safety gear before using power tools.



WARNING: Improper operation of power tools may result in loss of control, serious injury or death. Always ensure you have complete control of the tool and the work area is free of hazards.



WARNING: Lack of secure clamping of the door may result in unexpected movement during cutting or drilling. Always securely clamp the door before any cutting or drilling operations.



WARNING: Anti-jump pads are required for safe operation. Lack of, or improperly installed Anti-Jump Pads may result in the door coming off the track and causing serious injury or death.

Refer to this table before contacting support. Most issues trace back to: track not level, anti-jump pad not engaged, or lag screws not in solid framing.

Problem	Solution
Doors drag or don't slide smoothly	Track is not level. Re-check with a 4-ft level across the full span. Even 1/8" sag causes friction. Also confirm hangers are properly seated and hanger bolts are fully tightened.
Door jumps off track	Anti-jump pad not installed or not engaged. Twist anti-jump pad under the track after hanging door (Step 2). If pad is installed, check it is tight against the track bottom.
Door swings out at bottom	Floor guide missing or incorrectly positioned. Re-install guide directly under door panel. For maximum stability on heavy or tall doors, order T-shape groove as add-on.
Gap between door and wall when closed	Door stopper (Step 10) needs adjustment. Slide stopper along track to desired closed position and tighten. Door panels must not extend past opening edge.
Bypass doors hit each other	Bypass bracket spacing is too narrow. Loosen bracket assembly and increase offset between inner and outer tracks. Refer to Step 8.
Track pulls away from wall	Lag screws not reaching wall studs. Re-locate studs and re-drill. On concrete, use proper masonry anchors. Do not mount into drywall alone.
Brackets loose or wobble	Screws not fully tightened. Use ratchet to fully torque all lag screws. Do not overtighten — check studs not stripped.
Uneven gap above door	Hangers set to different heights. Loosen hanger bolt on both panels, set at equal height using a level, re-tighten. Hanger bolt holes are at 1-9/16" and 3-9/16" from top.
Door sags on one side	Hanger bolts not drilled at equal distance from top on both sides. Measure and re-drill pilot holes at 7/16" diameter. See Step 1.
Track difficult to cut cleanly	Use a fine-tooth metal blade in a miter saw or hacksaw secured in a vise. De-burr cut ends before assembling.