



VDOM DOORS

BARN DOOR HARDWARE KIT — INSTALLATION MANUAL

System type: Sliding barn door on flat wall-mounted rail

Door compatibility: Min 1-3/8" (35mm) thick | Max 200 lbs (91 kg)

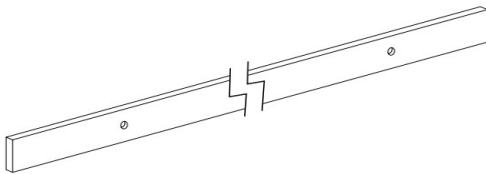
Rail sizes — single door: 5 FT / 6 FT / 6.6 FT / 7 FT / 8 FT / 9 FT

Rail sizes — double door: 10 FT / 11 FT / 12 FT / 13 FT / 14 FT / 15 FT (includes junction connector)

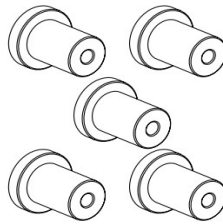
01

PARTS LIST — SINGLE DOOR KITS (5 FT to 9 FT)

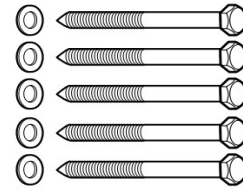
A Rail



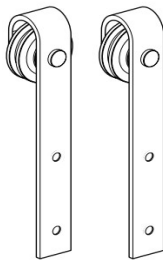
B Spacers / Entretoises



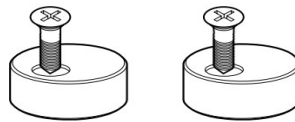
C Rail mounting bolts with washers
Boulons de montage de rail avec rondelles



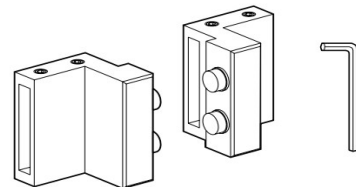
D Rollers
Roulettes



E Anti-jump discs with screws
Disques anti-saut avec vis

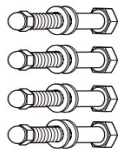


F Door stops with Allen wrench
Butées de porte avec clé Allen

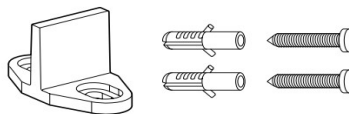


G Roller bolts
Boulons de roulette

Door/Porte
1-3/8"



H Single door guide, with screws and anchors
Guide de porte simple, avec vis et ancrages



Verify all parts before starting. Quantities per rail length:

Track Size	Rail	Spacers	Rail Bolts + Washers	Rollers	Anti-Jump Discs	Door Stops	Roller Bolts	Floor Guide
5 FT	1	2	2	2	2	4	4	1
6 FT	1	2	2	2	2	4	4	1
6.6 FT	1	3	3	2	2	4	4	1
7 FT	1	3	3	2	2	4	4	1
8 FT	1	4	4	2	2	4	4	1
9 FT	1	4	4	2	2	6	6	1

01B

PARTS LIST — DOUBLE DOOR KITS (10 FT to 15 FT)

Double door kits include two rail sections joined by a Junction Connector. Each panel slides independently on the same rail.

Track Size	Rails (×2)	Spacers	Rail Bolts + Washers	Rollers	Anti-Jump Discs	Door Stops	Roller Bolts	Floor Guide	Junction Connector
10 FT	2	4	4	2	2	4	4	1	1
11 FT	2	4	4	2	2	4	4	1	1
12 FT	2	5	5	2	2	6	6	1	1
13 FT	2	6	6	2	2	6	6	1	1
14 FT	2	6	6	2	2	8	8	1	1
15 FT	2	7	7	2	2	8	8	1	1

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NOTE: Double door kits (10FT+): the Junction Connector joins two rail sections into a single continuous track. Always connect the rails before mounting to the wall.

Barn doors do NOT fill the opening like a traditional door — they slide to the side and overlap the wall. The opening should be slightly smaller than the door panel so the door covers it fully when closed.

Dimension	Formula	Notes
Opening Width	Single door: door width – 2" Double door: total door width – 2" (e.g. $2 \times 36" = 72"$ doors → max 70" opening)	Leave less opening = better light seal. The wider the gap around the door, the more light/sound passes.
Opening Height	Door height – 1" (e.g. 80" doors → max 79" opening)	~3/8" floor clearance is built into the rail mount height. Door must not drag on floor.
Rail Mount Height	Door height + 1-3/4" from floor to rail centerline	This places the bottom of the door ~3/8" above the finished floor. Measure from actual finished floor.
Ceiling Clearance	Door height + 6" minimum to ceiling (e.g. 80" door → ceiling min 86")	Rollers and rail hardware extend above the door. Less than 6" may cause rollers to contact the ceiling.
Rail Length (single door)	Min: $2 \times$ door width (e.g. 36" door → min 72" / 6FT rail)	Rail must be at least twice the door width so the door can slide fully open. Choose the next standard size up.
Rail Length (double door)	Min: door width $\times 2$ for each panel (e.g. $2 \times 36"$ panels → 13FT rail total)	Each panel slides behind the wall space beside the opening. Junction connector joins the two rail sections.

Example: Door 36" $\times$ 80" → Opening max 34" $\times$ 79" | Rail min 6FT (72") | Ceiling min 86"
Double door $2 \times 36" = 72"$ total → Opening max 70" $\times$ 79" | Rail 13FT | Ceiling min 86"

Wall Gap Note:

The further the rail is mounted from the wall (due to baseboard or trim), the larger the visible gap between the door panel and the wall at the open position. Use the shortest spacers that clear your baseboard profile.

► Power drill + bits	1/4" wood bit for wall studs, 7/16" for roller bolts
► Level (4-ft minimum)	Rail must be perfectly level across full length
► Tape measure + pencil	For marking rail height and roller positions
► Wrench + socket set	For tightening rail mounting bolts and spacer nuts
► Allen wrench (included)	For tightening door stop screws
► Screwdriver	For anti-jump disc screws and floor guide
► Stud finder	Locate wall studs before drilling rail holes
► Step ladder	Rail mounts near ceiling — requires working at height

04

INSTALLATION — STEP BY STEP

1

Mark the rail centerline on the wall at the correct height, and confirm you have solid backing to mount into.

Rail height: mark at Door Height + 1-3/4" from finished floor. Use a 4-ft level to draw a perfectly horizontal line.

Wall studs: locate all studs across the full rail span. Mark each with a pencil. Mounting into studs is mandatory.

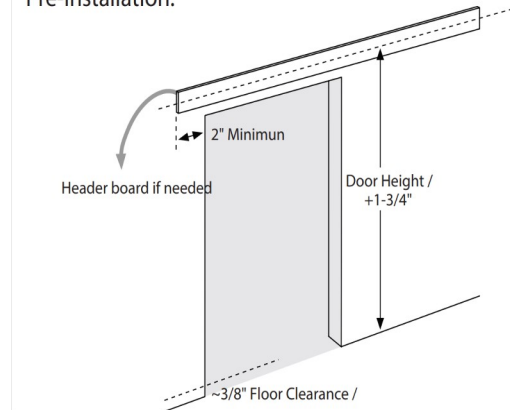
No studs: if studs are not at the right spacing, install a solid header board (2x6 or wider, not included) spanning from stud to stud, then mount the rail into the header board.

2" minimum: the gap between the rail and the wall must be at least 2" to allow the door to slide without the door face contacting the spacers.

Floor clearance: door bottom will sit ~3/8" above the finished floor when rail is at the correct height.

PRE-INSTALLATION — MARK WALL & CHECK BACKING

Pre-installation.



WARNING: Always mount the rail into wall studs or a solid header board. Mounting into drywall alone is dangerous and will cause the rail to fail under the weight of the door.

2

INSTALL THE RAIL

Mount the rail to the wall using Spacers (B), Rail Mounting Bolts (C), and Washers.

For double door kits: first connect the two rail sections with the Junction Connector. Align both rails on a flat surface, slide connector into both ends, and tighten. Then mount as a single unit.

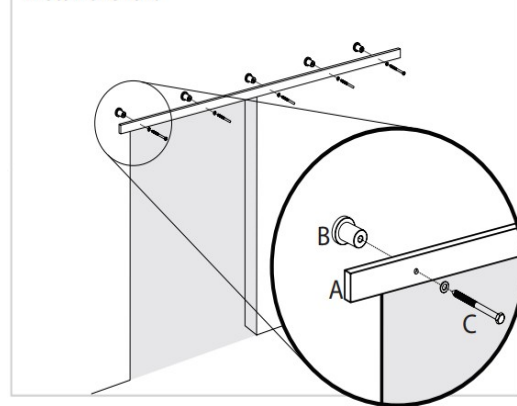
Spacers: slide spacers onto each mounting bolt before inserting through the rail hole. All spacers must be the same depth.

One-person tip: loosely attach one end with one bolt, let the other end rest, swing up into position, then add the remaining bolts — leave all loose until all bolts are in.

Level: confirm rail is perfectly level before tightening all bolts. Use a level across the full rail length.

Tighten: tighten all mounting bolts firmly with a wrench. Do not overtighten — check studs are not stripped.

Install the rail.



3

INSTALL ROLLERS ON DOOR

Attach the Rollers (D) to the top of the door using Roller Bolts (G).

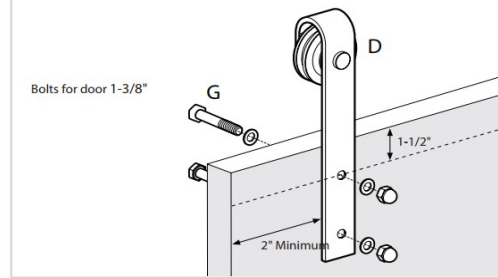
Position: rollers attach to the front face of the door. Each roller is 2" minimum from the door edge (left and right).

Height: roller bolt center sits at 1-1/2" from the top of the door panel.

Bolts: pass Roller Bolt (G) through the roller hanger plate and through the door. Apply washer and nut on the back face of the door. Tighten firmly.

Both rollers: must be at exactly the same height or the door will hang crooked. Measure from door top to bolt center on both sides.

Install rollers on door.



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NOTE: Drill pilot holes before driving roller bolts to prevent splitting the door stile. For hollow-core doors, use the supplied hardware carefully — avoid cracking the face veneer.

4

INSTALL ANTI-JUMP DISCS

Install Anti-Jump Discs (E) on the door to prevent the rollers from jumping off the rail.

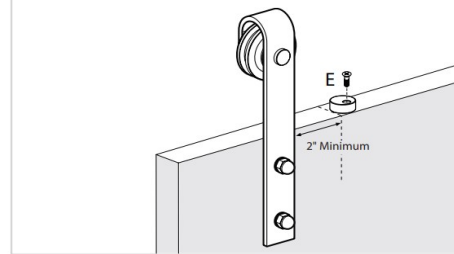
Position: disc mounts on the front face of the door, 2" minimum from the door top.

Function: the disc sits on top of the rail when the door is hung, preventing the roller from lifting off during use.

Screw: drive the supplied screw through the disc into the door face. Tighten firmly — do not overtighten.

Critical: both discs must be installed before hanging the door. Never operate the door without anti-jump discs engaged.

Install anti-jump discs on door.



WARNING: Anti-jump discs are a safety-critical component. A door without properly installed discs can jump off the rail and fall, causing serious injury or death.

5

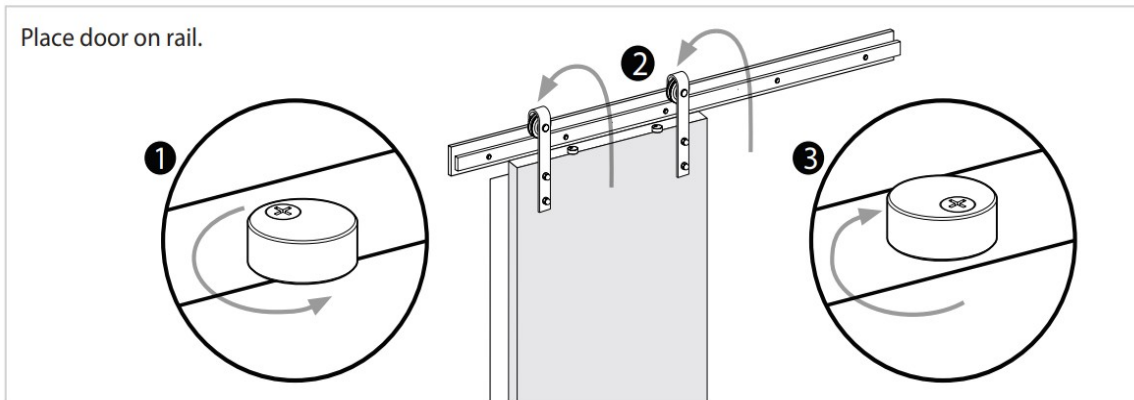
PLACE DOOR ON RAIL

Step ①: rotate the anti-jump disc upward (away from rail position) before lifting the door onto the rail.

Step ②: lift the door and hook both rollers onto the rail. The roller wheel sits inside the rail channel.

Step ③: once door is on rail, rotate each anti-jump disc back down so it rests on top of the rail.

Place door on rail.



NOTE: Two people required for heavy doors. One person lifts and aligns the door, the second guides the rollers onto the rail. Never let go until both rollers are seated and both anti-jump discs are re-engaged.

6

INSTALL FLOOR GUIDE

Install the Floor Guide (H) to prevent the bottom of the door from swinging away from the wall.

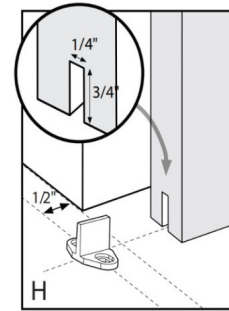
Position: slide door to the middle of the opening. Place the guide under the bottom edge of the door, centered on the door thickness.

Gap: the guide slot must have 1/4" to 3/4" clearance — see diagram. Exact gap: H = 1/4" above floor to guide slot top.

Mark & drill: mark the guide hole positions, drill pilot holes (use supplied anchors for concrete/tile floors), screw guide to floor.

Test: slide door full range of travel to confirm guide tracks smoothly without binding.

Install door guide(s) to floor.



7

INSTALL DOOR STOPS ON RAIL

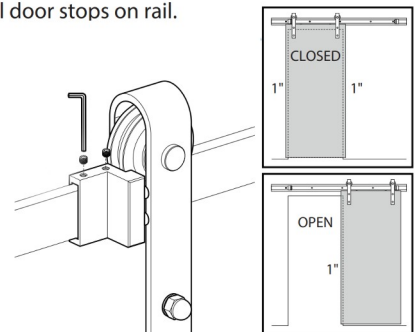
Attach Door Stops (F) to the rail at the desired open and closed positions.

Closed position: slide door to fully closed position. Position the door stop 1" from the door edge. Tighten Allen screw with supplied wrench.

Open position: slide door to fully open position. Position the second door stop 1" from the opposite door edge. Tighten.

Final check: slide door several times through full range. Confirm it stops cleanly at both positions without bouncing or sticking.

Install door stops on rail.



Double Door Kits (10 FT – 15 FT)

2 rail sections: each kit ships with two rail sections + one Junction Connector.

Connect first: always join the two rail sections on a flat surface before lifting to the wall. Slide the connector into both rail ends, align flush, tighten all connector bolts.

Level independently: after mounting, check that both sections are level and co-linear (no kink at the junction point).

Door spacing: for 2 panels, each panel uses its own set of rollers and anti-jump discs. Both panels ride on the same rail — the front panel slides in front, the rear panel behind.

Door stops: 4 door stops total — one at each end of the rail (×2) and one between the two panels at closed position (×2).

The following items are available as optional add-ons from VDOM and must be specified when placing your door order.

T-Shape Floor Guide Groove — Add-On

A T-shaped guide insert that fits into a routed groove in the bottom edge of the door slab. Completely hidden from view. Eliminates the visible floor guide bracket.

- ▶ **Groove specs:** 1/4" (6mm) wide × 3/4" (19mm) deep — pre-routed at factory into door bottom.
- ▶ **Compatibility:** all VDOM barn door slabs when specified at time of order.
- ▶ **Benefit:** no visible floor hardware. Door movement is constrained by the hidden guide. Strongly recommended for heavy or tall doors.

ADD-ON

T-Shape Guide Groove must be specified at time of order. Cannot be field-added after manufacturing.

Soft-Close Mechanism — Add-On

Hydraulic damper that attaches to the rail near the closed position. Slows the door in the last 10"–12" of travel for a quiet, controlled close. Eliminates door slam.

- ▶ **Compatible with:** all VDOM flat-rail barn door kits (5FT–15FT).
- ▶ **Installation:** mounts directly to rail — no drilling into door or wall required.
- ▶ **Available for:** single and double door configurations.

ADD-ON

Soft-Close Mechanism must be ordered separately. Specify rail length and finish (matte black) when ordering.

Flush Pull / Recessed Handle — Add-On

A recessed pull handle that sits flush with the door face when not in use. Required for any passage that needs to be accessible from both sides without a protruding handle.

ADD-ON

Flush Pull must be ordered separately. Specify door thickness and finish when ordering.

Check this table before contacting support. Most issues trace back to: rail not level, rollers at different heights, anti-jump discs not engaged, or lag bolts not in solid framing.

Problem	Solution
Door drags on floor	Rail is mounted too low. Rail centerline must be at door height + 1-3/4" from finished floor. Loosen rail bolts, re-position rail upward, re-tighten.
Door jumps off rail	Anti-jump discs not installed or not tightened. Install discs at 2" minimum from door top (Step 4) and tighten fully. The disc sits on top of the rail to prevent the roller from lifting off.
Door swings out at bottom	Floor guide missing or not fixed to floor. Position guide under door edge, mark, screw to floor. For tall/heavy doors, order the T-shape groove add-on.
Door doesn't slide smoothly	Rollers are not level. Both rollers must be at the same height — measure from door top to roller bolt center. Re-drill at the same height on both sides.
Door stops not holding	Allen screw on door stop not tightened. Position stop, slide door to desired position, tighten Allen screw firmly. For closed position: leave 1" gap from jamb. For open position: leave 1" gap on other side.
Rail pulls away from wall	Mounting bolts did not reach wall studs. Re-locate studs. If no studs are available, install a solid header board (wood backing) across the full rail span before re-mounting.
Gap above door is uneven	Rollers set at different heights. Remove both rollers, re-measure from top of door and re-drill at identical height (typically 1-1/2" from door top edge). See Step 3.
Spacers not aligned / rail tilted	Spacers must all be the same depth and fully tightened. Check that all spacer nuts are torqued evenly so rail sits flat and level against the wall.
Double door panels hit each other	Junction connector not centered. Loosen connector and re-position so both rail sections are co-linear. Level each section independently, then connect.
Roller bolt spins when tightening	Hold the bolt head with a wrench while tightening the nut. The roller bolt passes through a slotted hole — if the door hole is oversized, add a washer behind the plate.