



VDDOM DOORS

BI-FOLD HARDWARE KIT — INSTALLATION MANUAL

Part numbers: Bifold-4-72 (4×18" or 2×36" doors) | Bifold-4-96 (4×24" or 2×48" doors)
Panel thickness: 1-3/8" (35mm) to 1-3/4" (45mm) | Max panel weight: 75 lbs (34 kg) each
Max panel size: 2/0 (609mm) × 9/0 (2741mm)

01

WHAT'S IN THE BOX — PARTS LIST

#	Description	Finish	Qty
1	Aluminum Track	72" or 96"	1
2	3-Wheel Hanger Kit	Zinc	2
3	Track Stop	Zinc	2
4	Bifold Hinge	Zinc	6
5	Bottom Pivot Bracket	Zinc	2
6	Top Pivot Bracket	Zinc	2
7	Top Pivot	Zinc	2
8	Bottom Pivot	Zinc	2
9	White Plastic Knob	—	2
10	Aligner (4-door sets only)	Zinc	2
11	Wrench	—	1
12	Screw Kit (mixed sizes)	Zinc	1 set

Screw Kit — Contents Breakdown

All screws are zinc-plated. Match screw size to fastening location as indicated in each step.

Size	Type / Use	Qty
12#-AB × 1.25"	Pan head	12
8#-10T × 1.25"	Pan head	10
8#-10T × 1"	Flat head	28
8#-10T × 0.62"	Pan head	4
8#-18T × 1.75"	Round head	2
8#-18T × 2.125"	Round head	2

02

TOOLS REQUIRED

Have the following tools ready before starting installation.

- | | | |
|----------------------------|------------------------------------|-----------------------------|
| ▶ Tape measure | ▶ Level, 4-ft minimum | ▶ Pencil / marking tool |
| ▶ Circular saw or hacksaw | ▶ Power drill + bits (1/8", 3/16") | ▶ Phillips screwdriver #2 |
| ▶ Wrench (included in kit) | ▶ Ladder or step stool | ▶ Square (framing or combo) |

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NOTE: The wrench included in the kit is for pivot and hanger adjustments only. You will still need a power drill and screwdriver for all fastening steps.

03

ROUGH OPENING CALCULATOR

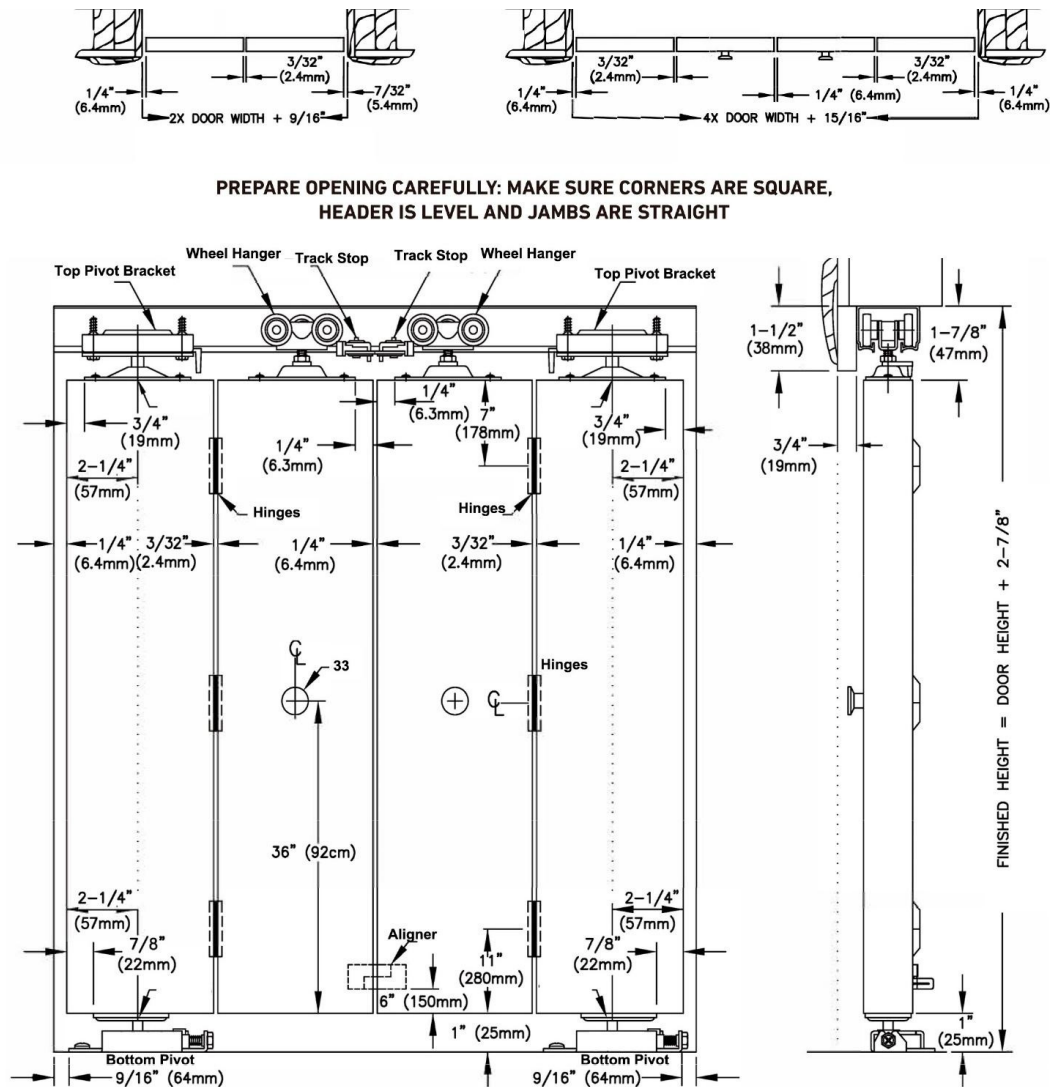
Calculate and write in your rough opening before framing or starting installation.

Configuration	Dimension	Formula	Your Opening
2-DOOR SET	RO Width	= Door width × 2 + 9/16" (14mm)	_____ "
	RO Height	= Door height + 2-7/8" (73mm)	_____ "
4-DOOR SET	RO Width	= Door width × 4 + 15/16" (24mm)	_____ "
	RO Height	= Door height + 2-7/8" (73mm)	_____ "

Before you start — check all four:

- ▶ **Level header:** across the full opening span. A 1/8" deviation causes binding.
- ▶ **Plumb jambs:** Jambs must be plumb and straight. Twisted jambs prevent proper pivot operation.
- ▶ **Square corners:** Verify corners with a framing square before installing hardware.
- ▶ **Level floor:** Must be level at pivot points. Shim under bottom pivot bracket if needed.
- ▶ **Solid header:** Track must fasten into solid wood (2×4 or LVL) — never into drywall alone.

Reference this diagram throughout installation. All hardware positions and clearances are shown to scale.

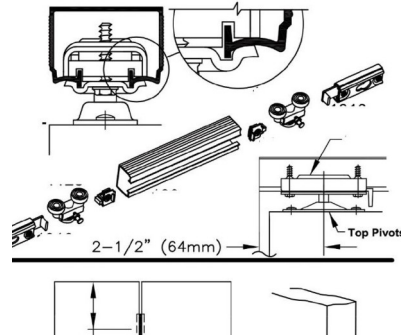


1

CUT TRACK TO FIT OPENING WIDTH

Cut the aluminum track to match your opening width using a fine-tooth hacksaw or metal-blade saw. Secure in a vise before cutting.

De-burr the cut end with a metal file or 120-grit sandpaper.



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NOTE: INSERT ALL PARTS (wheel hangers, track stops) INTO THE TRACK BEFORE MOUNTING. They cannot be added after the track is fastened to the header.

Fasten track to header with 1-1/4" (32mm) pan head screws into **solid wood** — not drywall.

2

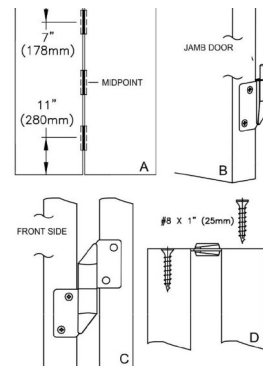
FASTEN HINGES TO DOORS

(A) Mark hinge positions at 7" (178mm) from top and 11" (280mm) from bottom, at edge midpoint.

(B) Attach hinge half with pin using 1" (25mm) flat head screws. Nylon knuckle flush against back face. Pin points up.

(C) Place second door back-to-back with tops even. Slip hinge half without pin over pinned half.

(D) Press and attach hinge. Both leaves must sit fully flush — any gap causes binding.



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NOTE: Do not overtighten — over-driving screws into MDF strips the hole. Hand-tighten until snug.

3

FASTEN PIVOT PLATES — TOP & BOTTOM

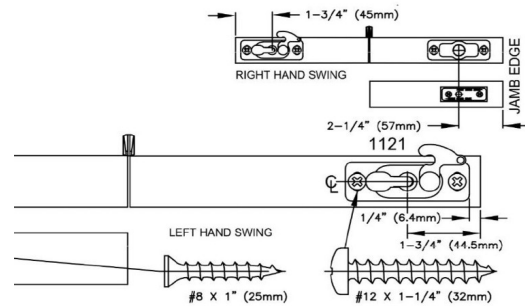
Fasten Top and Bottom Pivot plates to the pivot door edges.

Important: Nylon locking arm must open toward the **rear** of the opening — not toward the room.

Right-hand: Top pivot 1-3/4" (45mm) from jamb edge.

Left-hand: Top pivot 1/4" (6.4mm) from jamb edge.

Both: bottom pivot 7/8" (22mm) from jamb edge.



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NOTE: Pilot holes: maximum 1/8" (3mm) diameter. Larger holes reduce screw holding strength significantly.

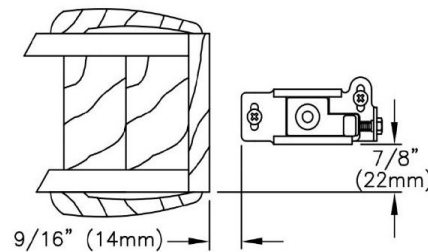
4

FASTEN FLOOR BRACKET

Position bracket at 9/16" (14mm) from jamb face and 7/8" (22mm) from jamb edge.

Mark holes, pre-drill, fasten — then **remove the bracket**.

Re-attach in Step 5 after doors are hung.



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NOTE: Concrete floors: use concrete anchors rated for door weight. Never use drywall anchors or wood screws into concrete.

5

HANG THE DOORS

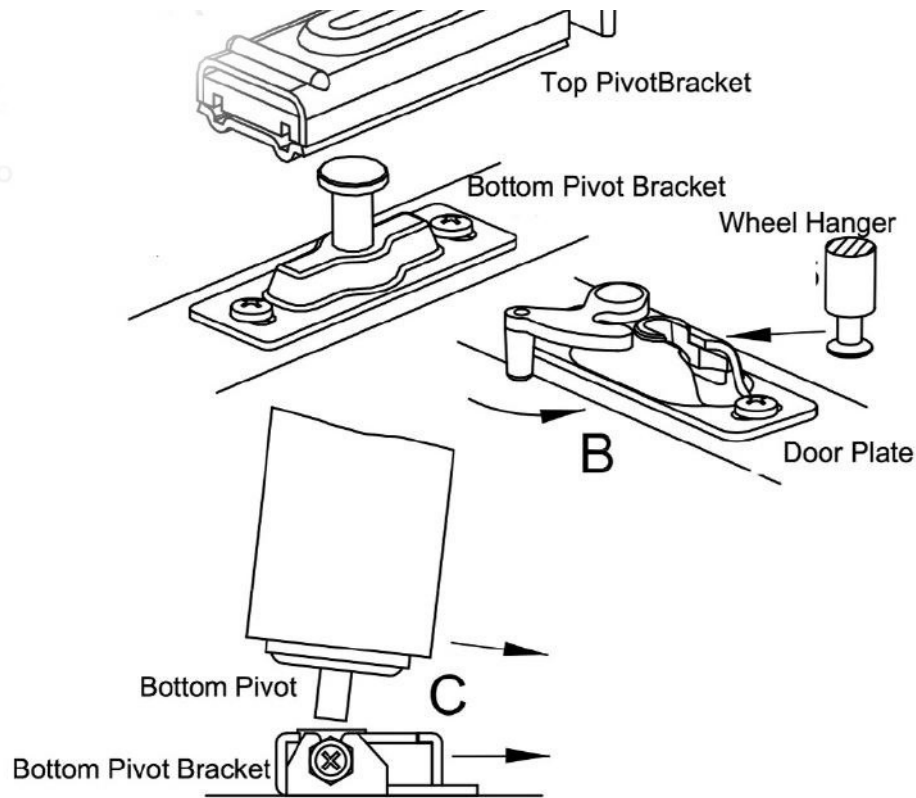
(A) Insert Top Pivot into Top Pivot Socket. Lock with locking lever.

(B) Insert Wheel Hanger into Door Plate. Lock with locking arm.

(C) Tilt doors slightly. Slide Floor Bracket under Bottom Pivot. Insert pin into bracket hole. Reattach bracket to floor.

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NOTE: Two people recommended — one holds doors, one manages the floor bracket. Do not attempt solo with panels over 50 lbs.

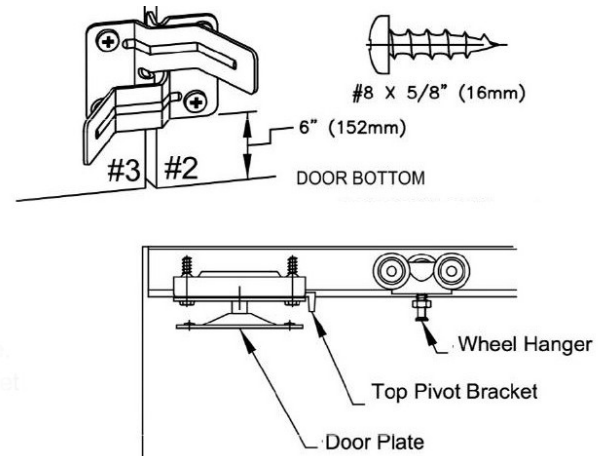


6

MOUNT ALIGNERS (4-door sets only)

Mount on back side of lead doors #2 and #3 at **6" (152mm)** from door bottom, centered on door edge.

Use 8# × 5/8" (16mm) round head screws.



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NOTE: 2-door sets: skip this step entirely. Aligners are not included in 2-door kits.

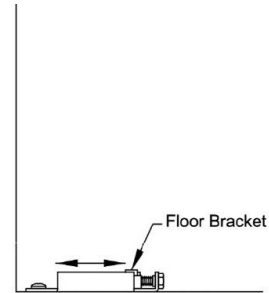
7

CHECK FOR PROPER DOOR OPERATION

Open and close several times. Verify:

- ▶ Doors fold without binding
- ▶ Reveal is even on all sides
- ▶ Doors hang parallel to track
- ▶ Bottom pivots stay seated

Adjust at: **Track Pivot Socket** (top) and **Floor Bracket** (bottom).



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NOTE: Door warping or seasonal wood movement may require minor re-adjustment over time — use built-in adjustment range, do not re-drill pivot holes.

8

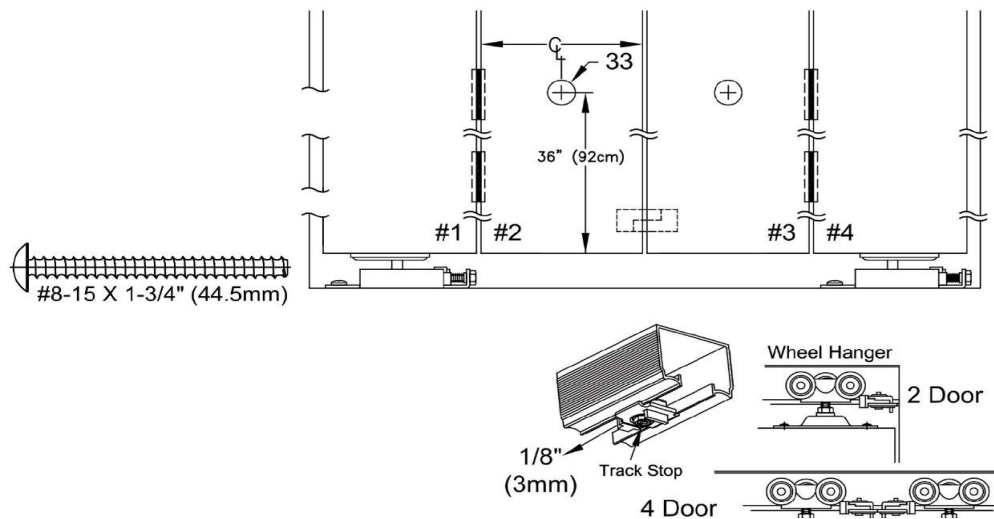
ATTACH KNOBS

Drill 3/16" (5mm) hole at **36" (920mm) from floor**, centered on meeting edge between doors #2 and #3.

Insert knob and fasten with #8-15 × 1-3/4" (44.5mm) screw.

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NOTE: Always pre-drill before driving the knob screw. On eco-veneer or MDF, skipping the pilot hole can crack the surface around the knob.



9

ADJUST SNUBBER (TRACK STOP)

Step A — Close doors fully. Slide Track Stop until it touches Wheel Hanger.

Step B — Open doors. Move Wheel Hanger 1/8" (3mm) closer and tighten.

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NOTE: Recheck snubber after the first week — hardware settles into position with use.

Refer to this table before contacting support. Most issues trace back to: track not level, pivot incorrectly positioned, or screws not in solid framing.

Problem	Solution
Door binds or does not fold smoothly	Check track level with a 4-ft level — even 1/8" off causes binding. Re-shim if needed. Verify hinges sit flush against door back; any protrusion causes interference.
Gap between doors when closed	Track stop (snubber) needs adjustment. Close doors fully, slide track stop to touch wheel hanger. Open doors, move wheel hanger 1/8" (3mm) closer, tighten. Repeat Step 9.
Door sags or drags on the floor	Adjust Top Pivot Bracket — vertical slot allows height correction. Loosen screws, raise slightly, re-tighten. Do not attempt height adjustment at bottom pivot.
Bottom pivot pops out	Re-set bracket at exactly 9/16" (14mm) from jamb face and 7/8" (22mm) from jamb edge (Step 4). Fasten into solid framing — never into drywall only.
Doors tilt forward, not flush with opening	Nylon locking arm faces wrong direction. Must open toward rear of opening. Re-check pivot plate orientation (Step 3).
Track pulls away from header	Screws missed solid framing. Locate header joist or install 2x4 / LVL backing board across full width before re-fastening.
4-door aligners do not engage	Mount aligners on back side of lead doors #2 and #3 at exactly 6" (152mm) from door bottom (Step 6). Verify mating surfaces contact when closed.
Knob drilled in wrong position	Height: 36" (920mm) from floor, centered on meeting edge between doors #2 and #3. Use 3/16" (5mm) bit. Always pre-drill to prevent veneer splitting.
Door does not latch / swings back open	Move track stop 1/16" closer to wheel hanger at a time until doors hold closed without bouncing. Do not over-tighten — doors must still open freely.
Track difficult to cut cleanly	Use fine-tooth hacksaw secured in a vise. De-burr cut end with metal file before inserting hardware into track.