

Bi-Fold Barn Door Installation Instructions

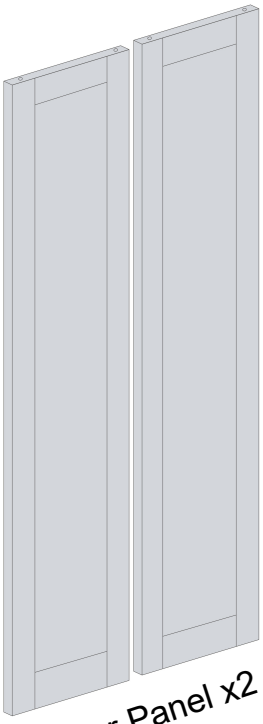
2-person assembly recommended

1-2 hours

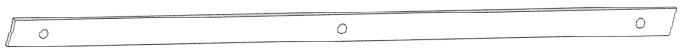
Ships in **1 package**

In case of damaged or missing parts, or if you require installation assistance, please contact us at: **dooraftersale@gmail.com**

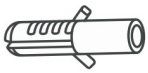
PACKAGE CONTENTS



Door Panel x2



Track x1
(Number of mounting holes varies based on track length)



Wall Anchors
(10x50mm)



Track Spacers
(45x50x20mm)

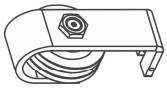


Track Washers
(16x8x1.5mm)

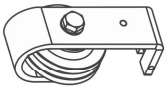


Track Mounting Screws
(8x110mm)

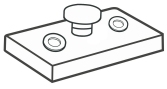
Note:
Quantities vary based on track length:
24" – 42" Track: 3 pcs each
48" – 56" Track: 4 pcs each
60" – 64" Track: 5 pcs each



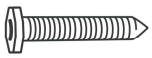
Sliding Roller Hanger x1



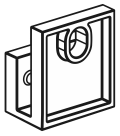
Fixed Pivot Hanger x1



Top Door Bracket x2



Bracket Bolts x4
(4.8x50mm)



Track Stop x1



Hex Nut x1

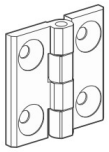


Interlocking
Security Screw x1



Set Screw x1

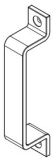
PACKAGE CONTENTS (CONT.)



Hinges x3



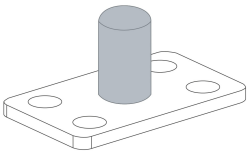
Hinge Screws x12
(6x25mm)



Door Handle x1



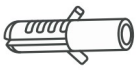
Handle Screws x2
(6x30mm)



Bottom Pivot Bracket x1



Bottom Pivot Sleeve x1



Floor Anchors x4
(6x35mm)



Bracket Screws x4
(4.2x32mm)

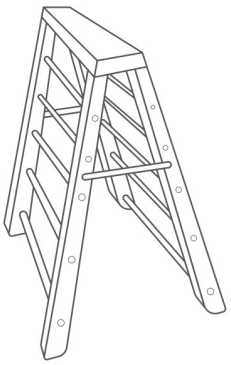


Anti-Collision Strip x1
(For 4-Door Systems Only)

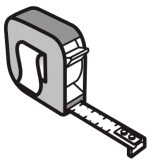


Allen Wrench Set x1
(2mm/4mm/5mm)

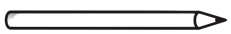
TOOLS REQUIRED



Step Ladder



Tape Measure



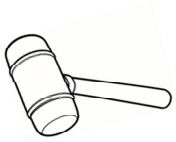
Pencil



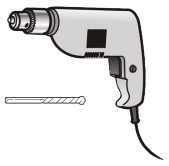
Level



Open-End Wrench



Hammer

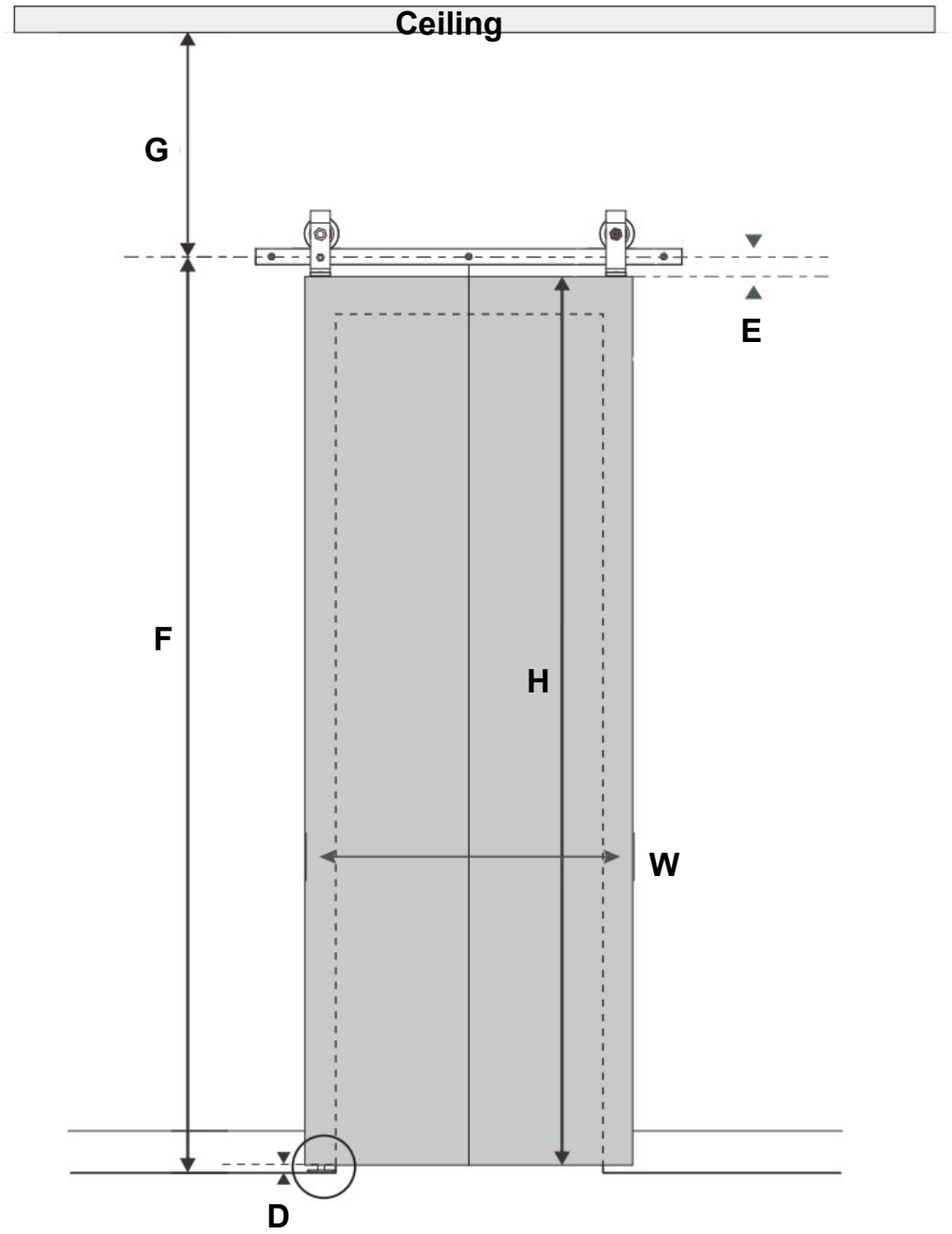


Power Drill (with 1/8", 3/16", 5/16" and 3/8" Drill Bits)

PRE-INSTALLATION MEASUREMENT

Key Dimensions & Reference Labels:

- **W (Total Door Width)**: The combined width of the pre-assembled door panels. Ensure this matches opening and overlap requirements.
- **H (Actual Door Height)**: The actual vertical height of the individual door panels.
- **D (Floor Clearance)**: The gap from the bottom of the door to the finished floor. Standard clearance is **1/2" (12mm)**.
- **E (Track Offset)**: The distance from the track centerline to the top edge of the door panel, which is **1-3/4"**.
- **F (Track Mounting Height)**: The height from the finished floor to the track mounting holes.
  - Formula: **F = H + D+ E** (Calculated as: Door Height + 1/2" floor clearance + 1-3/4" track offset).
- **G (Ceiling Clearance)**: The minimum net clearance required from the track centerline to the ceiling, which must be at least **6"**.



TRACK INSTALLATION

Step 1: Install the Header Board (Optional)

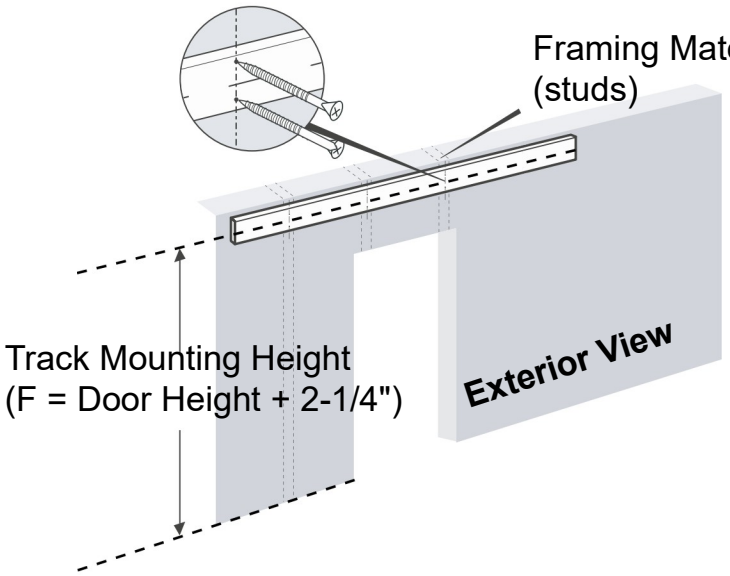
We highly recommend installing a header board if any of the following conditions apply:

- Mounting on Drywall/Studs without direct stud alignment.
- Door trim/casing is present and requires extra clearance.

Note: The header board and its mounting screws are not provided.

Installation Height:

- Mark a horizontal line at F = Door Height + 2-1/4" (Track Mounting Centerline).
- Align the board's horizontal centerline with the mark; secure firmly to studs.



Header Board Specifications (Solid Wood):

•Thickness: **2/4" - 1"**

•Width (Height of board): **3.5" - 5.5"**

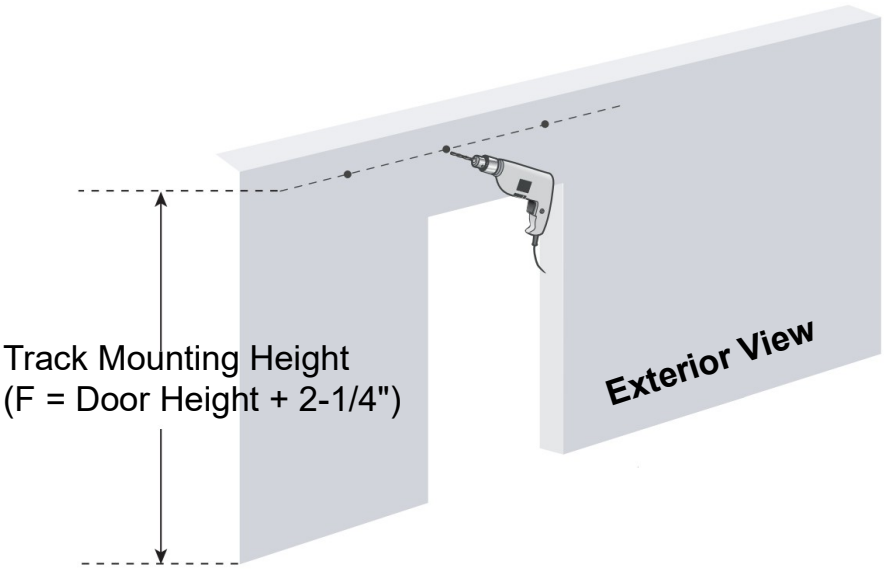
•Length: Must be at least **2" longer** than track length.

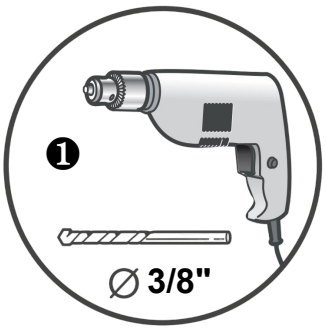
Step 2: Pre-Drill Wall Holes

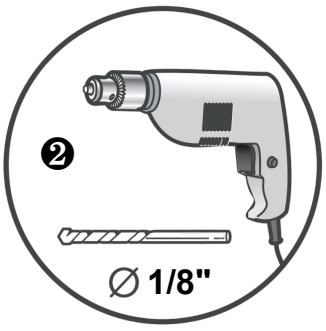
- Hold the track against the wall/header board. Level it perfectly and mark all hole centers along the Track Mounting Height line (F = Door Height + 3").
- Drill the marked holes using the appropriate drill bit based on wall type:

❶ Concrete Wall: Use a **3/8"** drill bit.

❷ Drywall & Wood Studs / Header Board: Use a **1/8"** drill bit.







TRACK INSTALLATION (CONT.)

Step 3: Mount the Track to the Wall

- **Determine Handing (Track Stop must be at the bottom edge):**

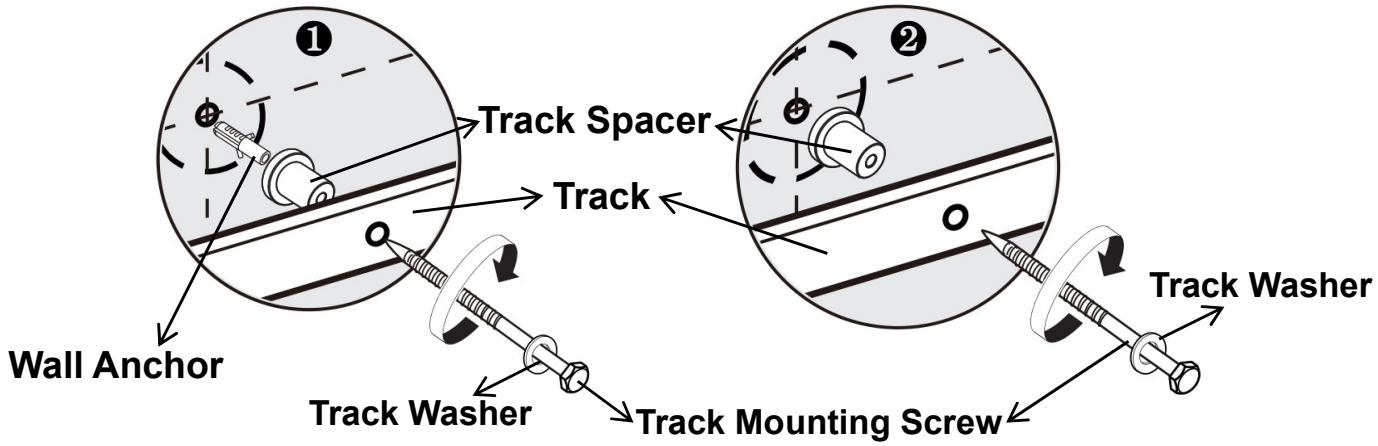
➢ Left-Opening: Position the Track Stop on the **left** side of the track.

➢ Right-Opening: Position the Track Stop on the **right** side of the track.

- **Securing the Track:**

❶Concrete Walls Only: Tap **Wall Anchors** fully into the 3/8" holes first.

❷All Wall Types: Thread a **Track Washer** onto a **Track Mounting Screw** ➔ Pass through the track hole ➔ Slide a **Track Spacer** onto the back ➔ Drive into the wall/anchor. Tighten all screws securely.



DOOR PANEL PREPARATION

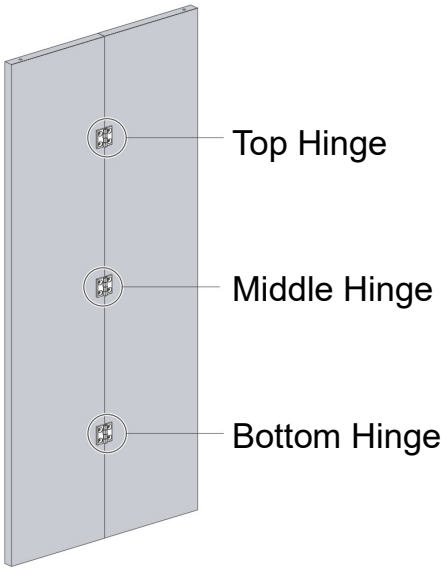
Step 1: Install the Hinges

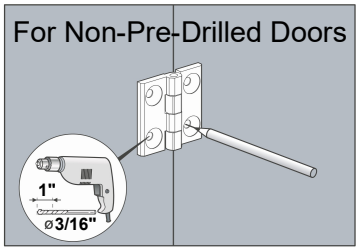
- Lay the two door panels flat and align them edge-to-edge.
- Preparation:

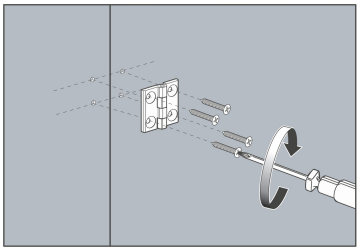
➢ Our Doors: Holes are factory-prepared; skip drilling. Align the Top, Middle, and Bottom Hinges with the pre-drilled holes.

➢ Other Door Brands: Position the hinges to mark hole locations. Pre-drill pilot holes using a 3/16" (3mm) bit to a depth of 1" (25mm).

- Fasten all three hinges securely using the Hinge Screws.



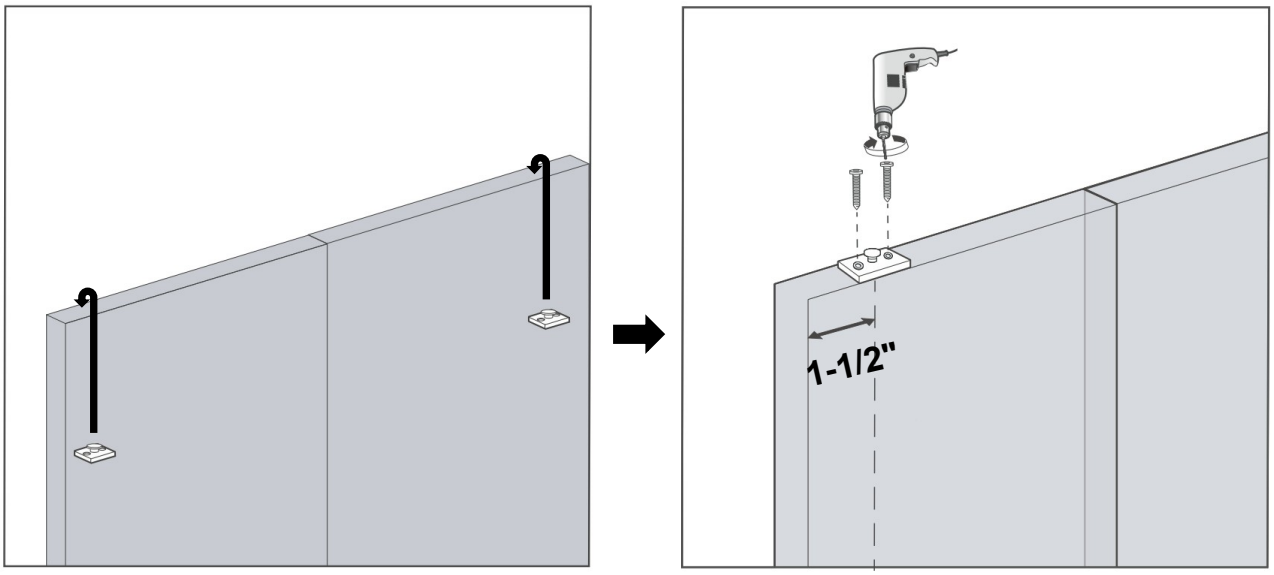




DOOR PANEL PREPARATION (CONT.)

Step 2: Install the Top Door Brackets

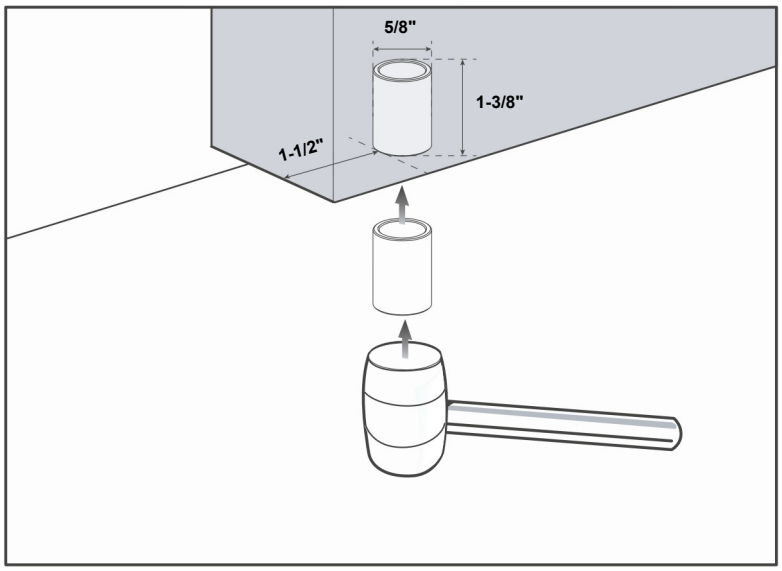
- Place both Top Door Brackets on the top edge of the door panel. Ensure the center pin of each bracket is positioned exactly **1-1/2"** away from the side edge of the door.
- Mark the hole locations and remove the brackets. Drill pilot holes using a 1/8" drill bit to a depth of 1-3/4". Reposition the brackets and secure them firmly with Bracket Screws.



Step 3: Install the Bottom Pivot Sleeve

CRITICAL ALIGNMENT: The bottom sleeve must be installed on the same door panel as the Fixed Pivot Hanger.

- Our Doors: Insert the metal sleeve into the pre-drilled bottom hole. Tap gently with a Hammer until flush.
- Other Door Brands: On the bottom edge center of the door's thickness, measure 1-1/2" from the outer side edge. Drill a 5/8" diameter hole to a depth of 1-3/8", then hammer the sleeve flush.

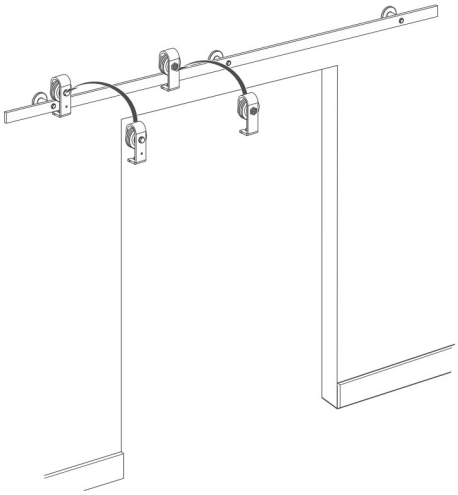


HANG THE DOOR

Step 1: Hang Hangers onto the Track

Determine Handing:

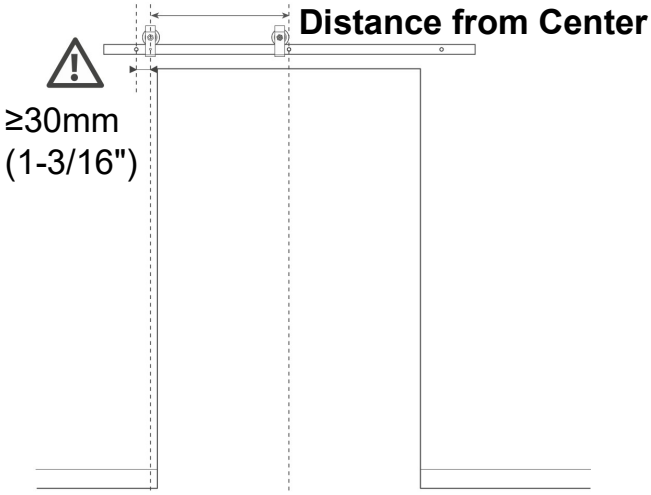
- Left-Opening: Slide the Fixed Pivot Hanger onto the left side of the track and the Sliding Roller Hanger onto the right side.
- Right-Opening: Slide the Fixed Pivot Hanger onto the right side of the track and the Sliding Roller Hanger onto the left side.



Determine Position:

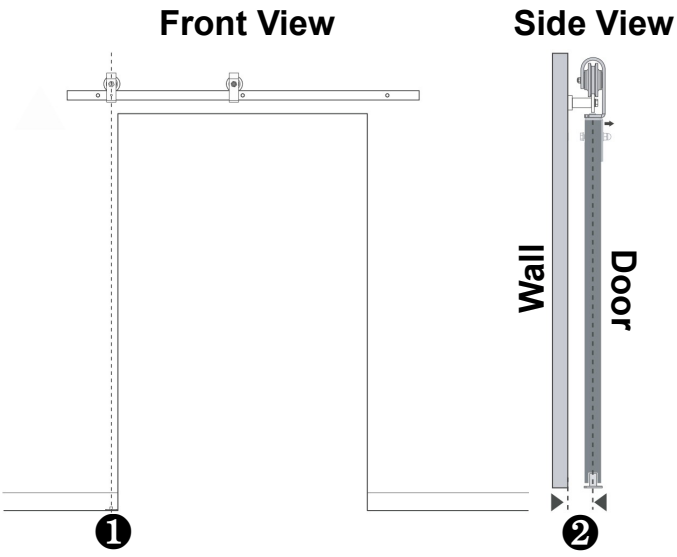
- Slide the Fixed Pivot Hanger to its precise position using the formula:
  Distance from Center of Opening =
  Total Door Width/2 - 1-1/2"

Clearance Check: Ensure the distance from the hanger centerline to the outermost track mounting hole is ≥30mm (1-3/16") to avoid interference.

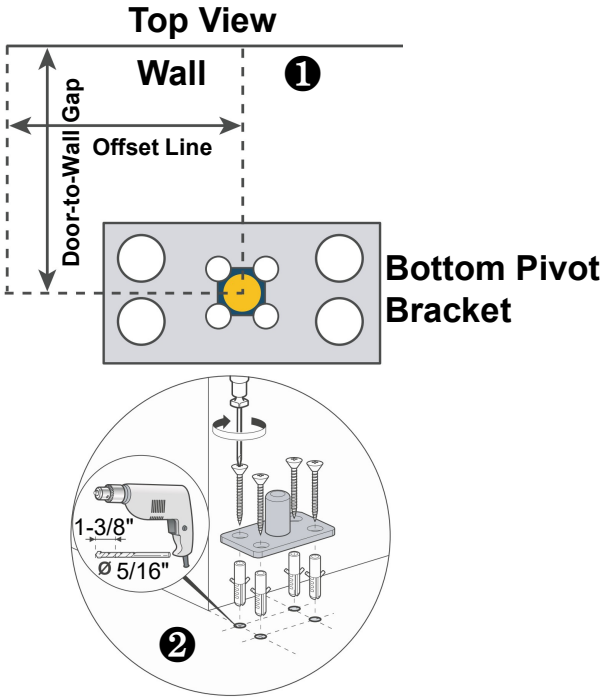


Step 2: Install the Bottom Floor Bracket

❶Project the Fixed Pivot Hanger center down to the floor and mark it first.
❷Then, temporarily hang the door plumb to mark the centerline on the floor, and remove the door.



❶Place the Bottom Pivot Bracket so its pin aligns exactly over the intersection.
❷Mark and drill 4 holes using a 5/16" bit to a depth of 1-3/8". Insert Floor Anchors and secure with Bracket Screws.



HANG THE DOOR (CONT.)

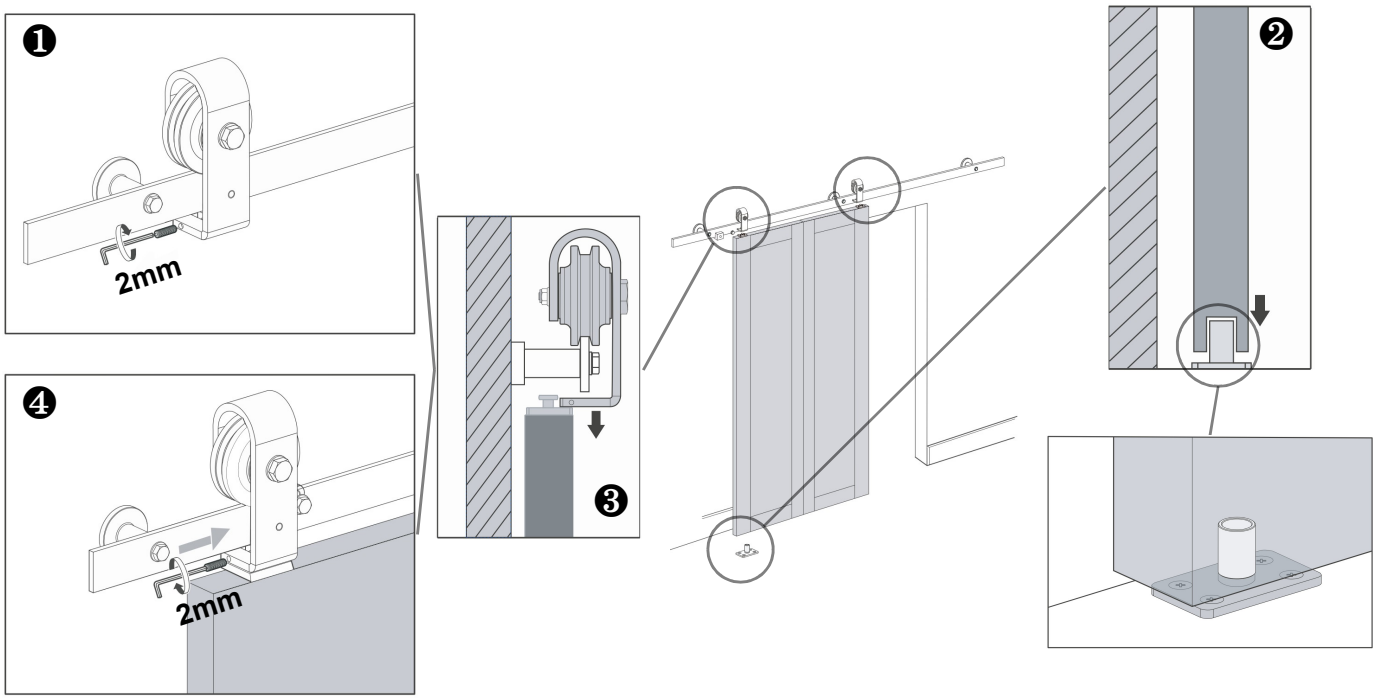
Step 2: Hang and Secure the Door

①Partially loosen the set screws on the side of both track Hangers (recommended do not remove completely).

②Lower the door panel to seat the Bottom Pivot Slevee completely over the pin of the Bottom Pivot Bracket.

③Tilt the door upright and slide the Top Bracket Pins into the open slots of the track Hangers.

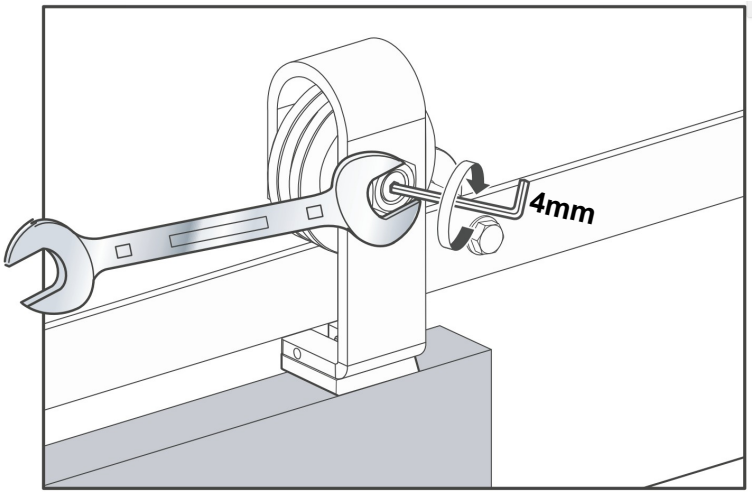
④Tighten both hanger set screws securely to lock the brackets and hangers together.

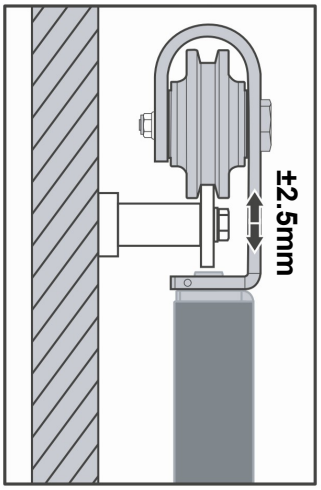


Step 3: Adjust Hanger Height

- Range: Level uneven door panels using the **Sliding Roller Hanger** mechanism (Adjustment range: ±2.5mm).
- Operation:

1. Unlock: Loosen the **Inner Locking Screw** slightly using a 4mm Allen Wrench.
2. Adjust: Turn the **Outer Adjustment Nut** using the Open-End Wrench to raise or lower the door until the panels are perfectly aligned.
3. Lock: Re-tighten the Inner Locking Screw firmly to secure the adjusted height.





HANG THE DOOR (CONT.)

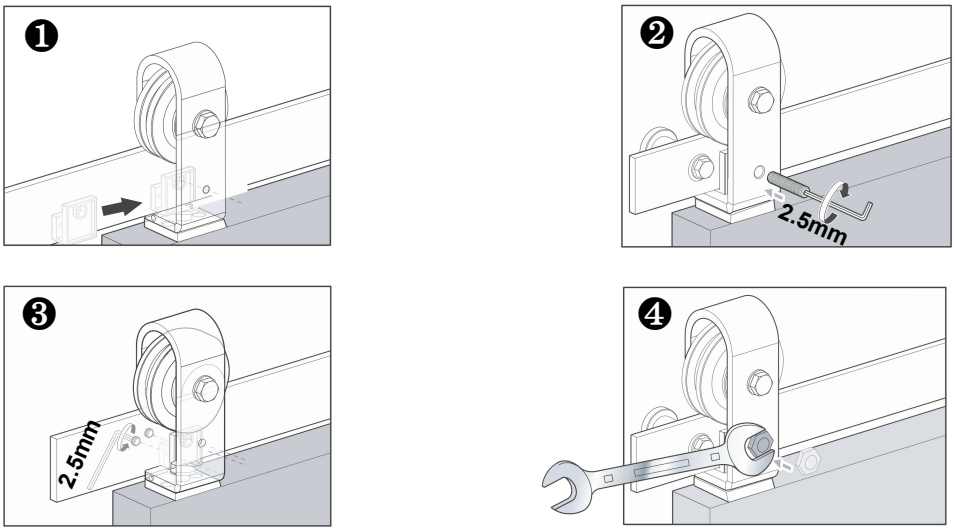
Step 4: Lock the Fixed Hanger

①Slide the slot of the Track Stop onto the bottom of the track. Ensure the single-hole side of the track stop sits between the hanger and the track.

②Thread the Interlocking Security Screw through the Fixed Pivot Hanger hole and into the Track Stop hole until it firmly contacts the track surface. Tighten it using a 2.5mm Allen Wrench.

③Tighten the two set screws through the holes on the back of the Track Stop using the 2.5mm Allen Wrench to secure it firmly against the track.

④Thread the Hex Nut onto the exposed portion of the Interlocking Security Screw, then tighten it firmly using an Open-End Wrench.



DOOR HANDLE INSTALLATION

- Install on the front face of the panel with the Sliding Roller Hanger, close to the center folding joint. Height is up to user preference.
- Drill mounting holes using a 3/16" bit to a depth of 1-3/8". Secure the handle with the Handle Screws.

