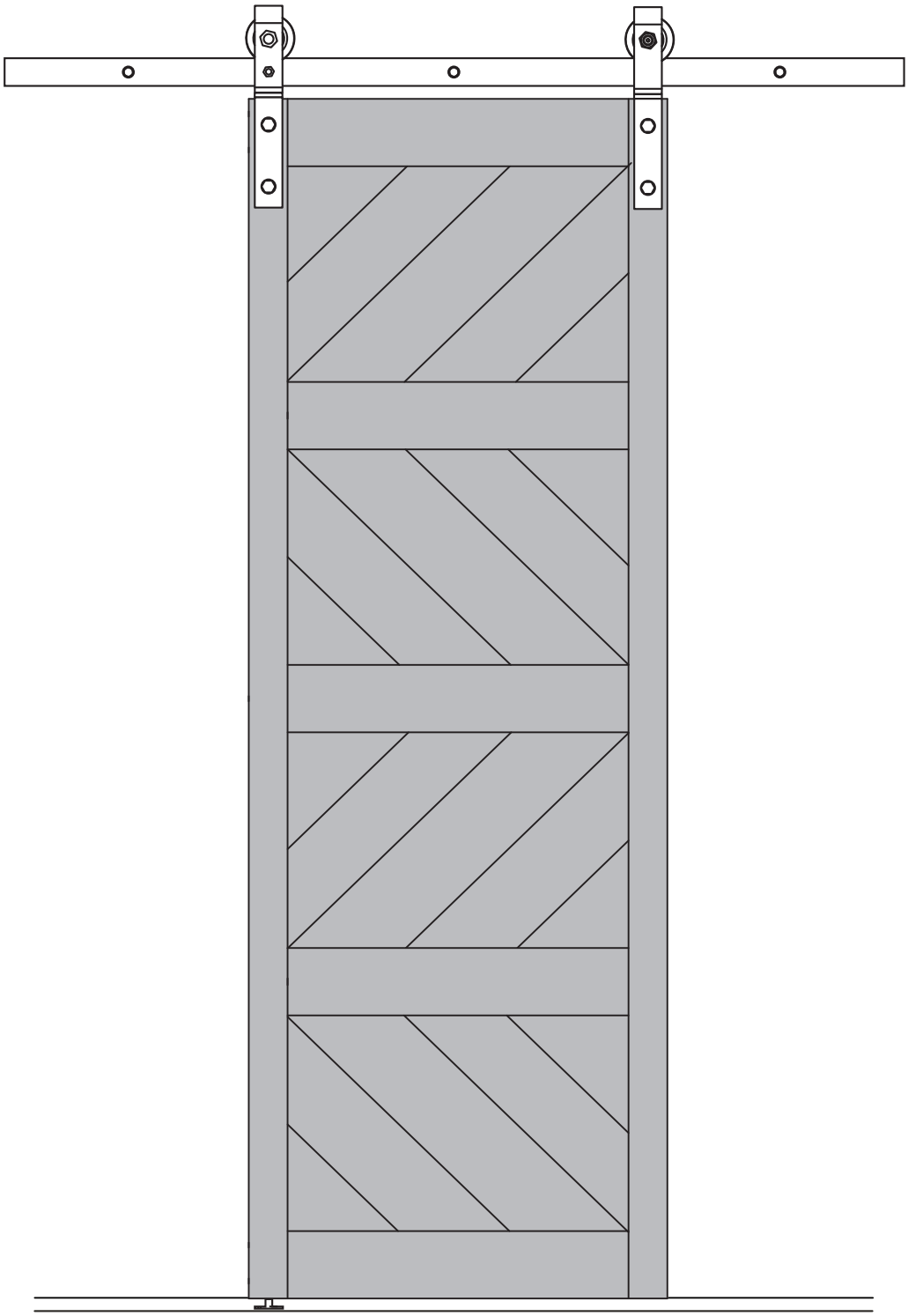
Wave Shape Barn Door

INSTRUCTION MANUAL



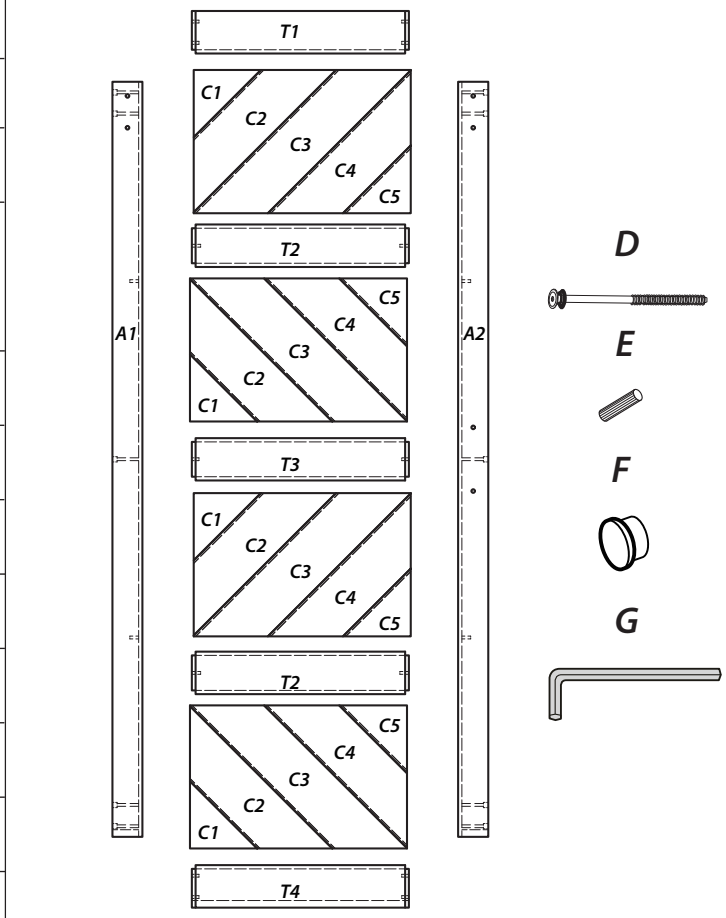
OPERATION CAUTIONS:

Please read this installation guide carefully before installation.

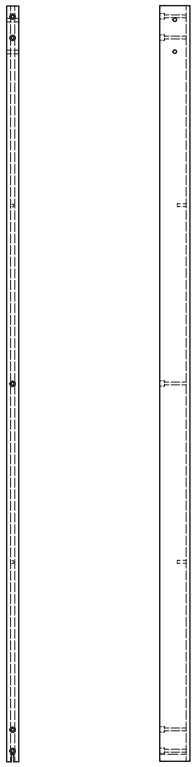
Please refer to the relevant content of this store for more product use.

30" TW-Barn Door Installation Instruction

CODE	PARTS	QTY
A1	Side Stile Left	1
A2	Side Stile Right	1
C1-C5	Middle Slats	20
T1	Top Rail	1
T4	Bottom Rail	1
T2	Middle Rail	2
T3	Middle Rail	1
D	3.93"Carriage Bolts	10
E	Wood Plug	4
F	Plastic CAP	10
G	Hex Key	1



TIPS: Contact and Ask us anything! Email us at: ***Help@bestbarndoor.com***
We offer several sizes of boards, Let's look at them from different perspectives



SIDE VIEW FRONT VIEW
A



T1 Top Rail
FRONT VIEW AND PROFILE



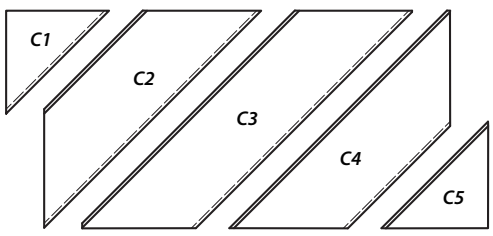
T2 Middle Rail
FRONT VIEW AND PROFILE



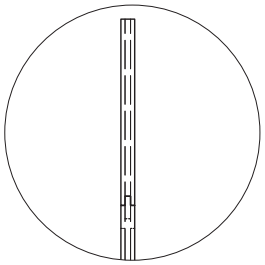
T3 Middle Rail
FRONT VIEW AND PROFILE



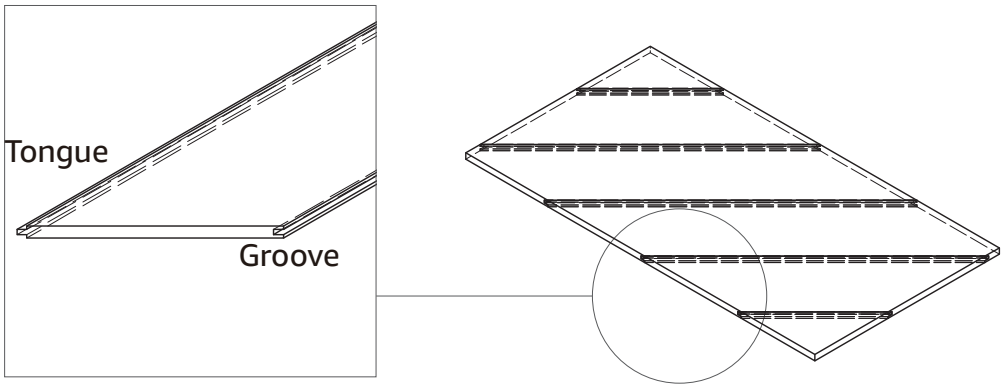
T4 Bottom Rail
FRONT VIEW AND PROFILE



C1-C5 Middle Slats
FRONT VIEW AND PROFILE



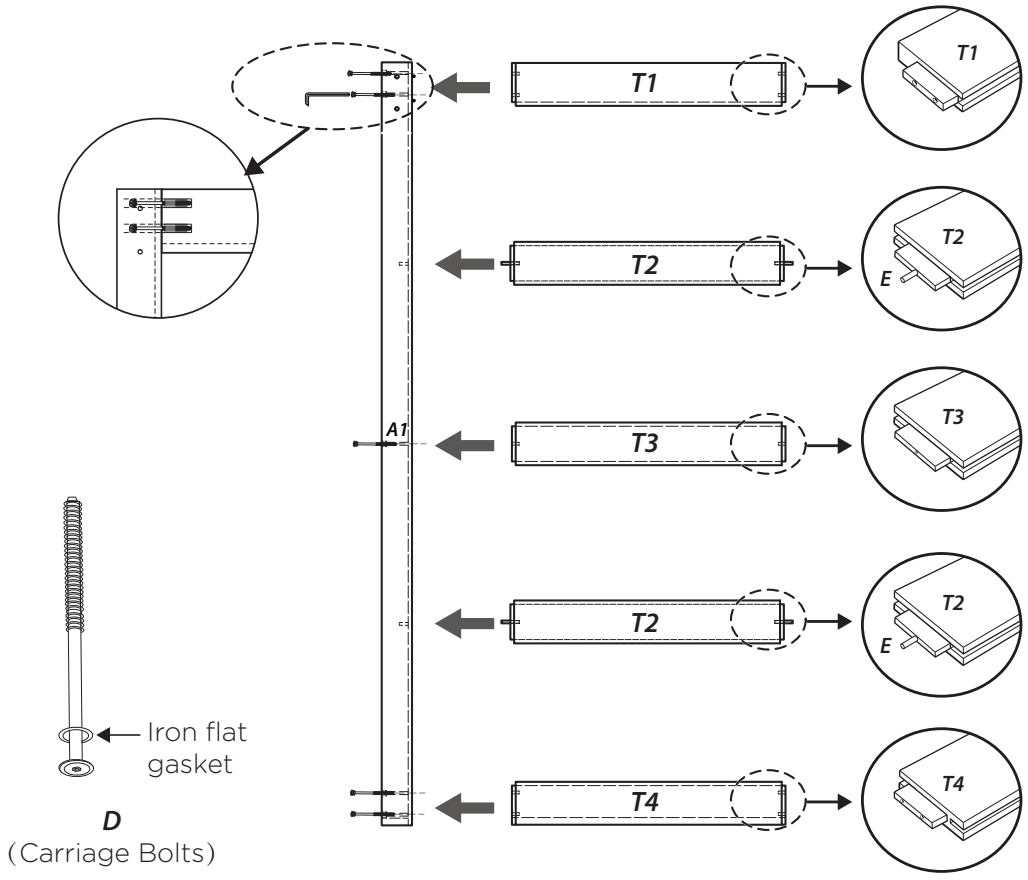
What Is Tongue and Groove?



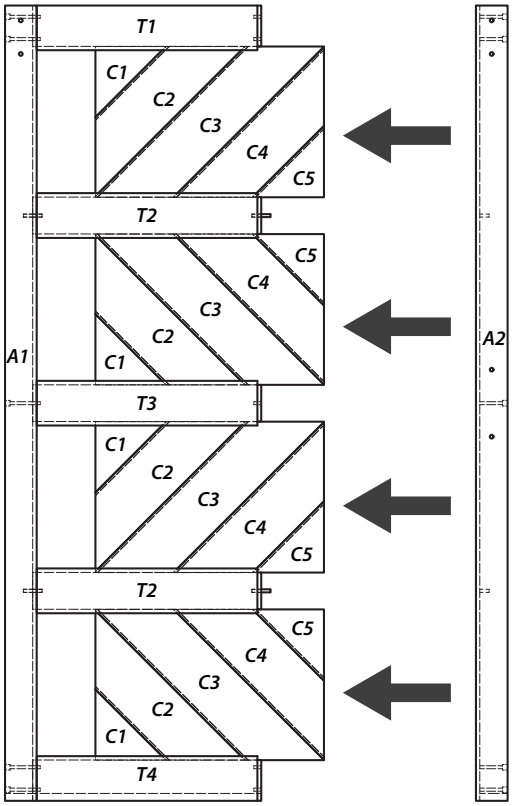
Tongue refers to the extending ridge beyond the main portion of the slat or stile.
Groove refers to the slot cut into the other side of the slat or stile.

For best results, carefully folow the instructions in this guide. Glue and other adhesives are not required, and we do not recommend their use.

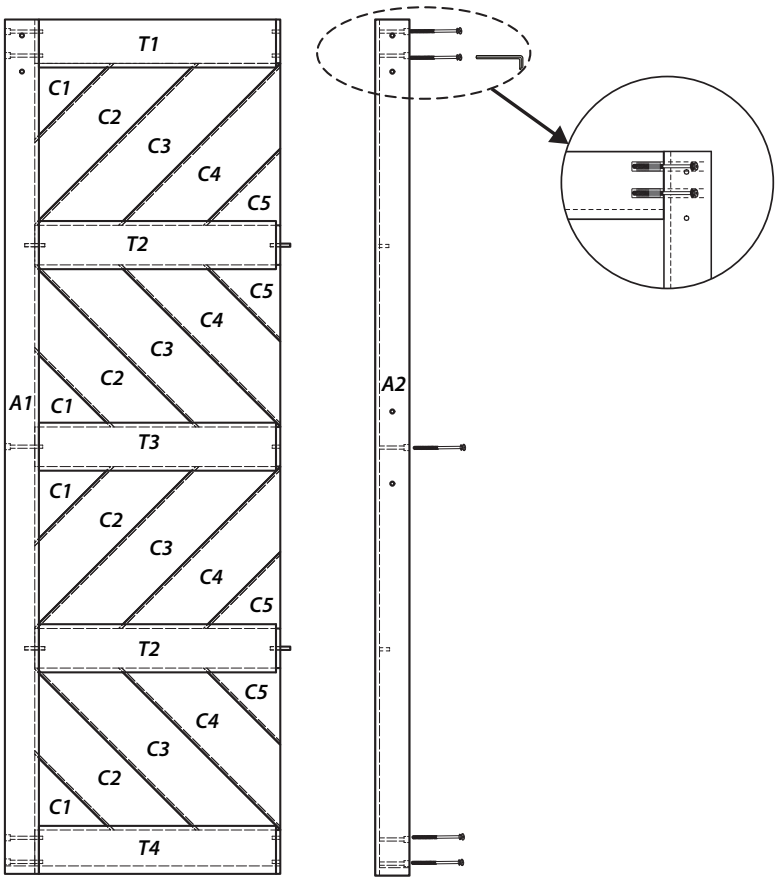
1. Insert four Wood Plugs （E） into the ends of two Middle Rail （T2).
Attach T1（Top Rail）T2、T3（Middle Rail）T4（Bottom Rail） to A1 by inserting the tongues into the groove of A1,and use Hey Key (G) to fasten bolts (D) to the pre-installed anchors in (T1/T3/T4).



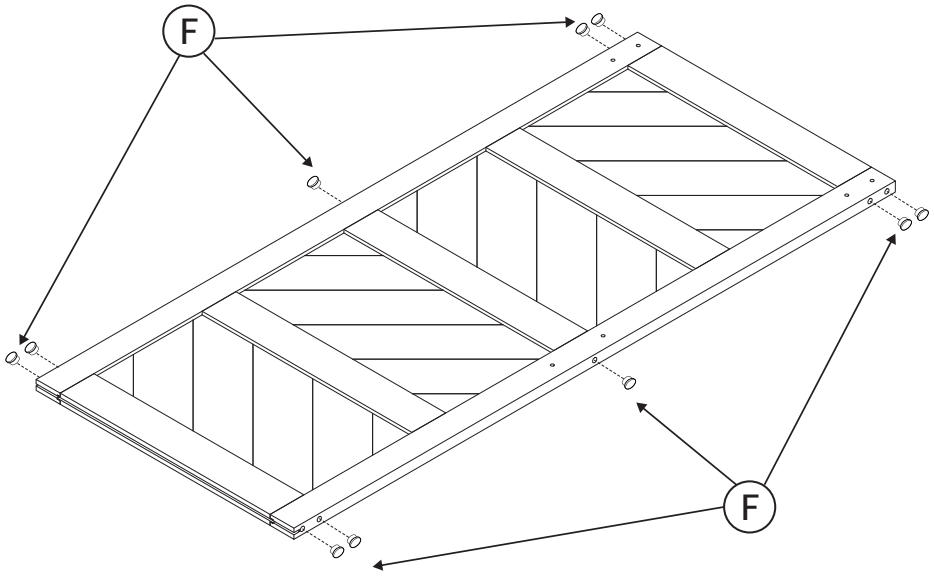
2. Assemble the Middle Side Slat (C1 to C6) in the illustrated order.
This section uses a 36-inch width as a reference. For other widths, please refer to the diagram on Page 1 for the panel layout sequence.



3. Then, align stile A2's groove with tongue of T1-T4, and fasten A2 with T1,T3,T4 with 5 carriage bolts(D) .



4. Insert Plastic Cap (F) into Holes one the side of side stile(A1,A2)to complete the installation.

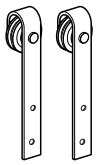


Barn Door hardware installation

Product Content

1.1, Rail

2.1, 2 x Hanger



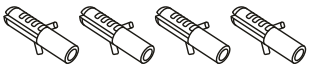
2.2, 4 x Door Screw



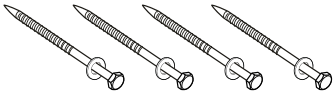
3.1, 5 xWall Spacer



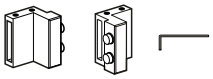
3.2, 5 xAnchor
(For concrete wall)



3.3, 5 xLag Bolt
(For wood stud)



4.1, 2 x Door Stopper



4.2, T-Shape Floor Guide



4.3, 2 x Rubber End



5.1, 1 x Handle and Pull



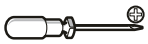
Tools Needed

1, Pencil

2, Wrench



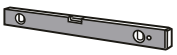
3, Phillips Screwdriver



4, Plumb Bob



5, Level



6, Drill



7, Drill Bit Ø3⁄8"



Ø7⁄32"



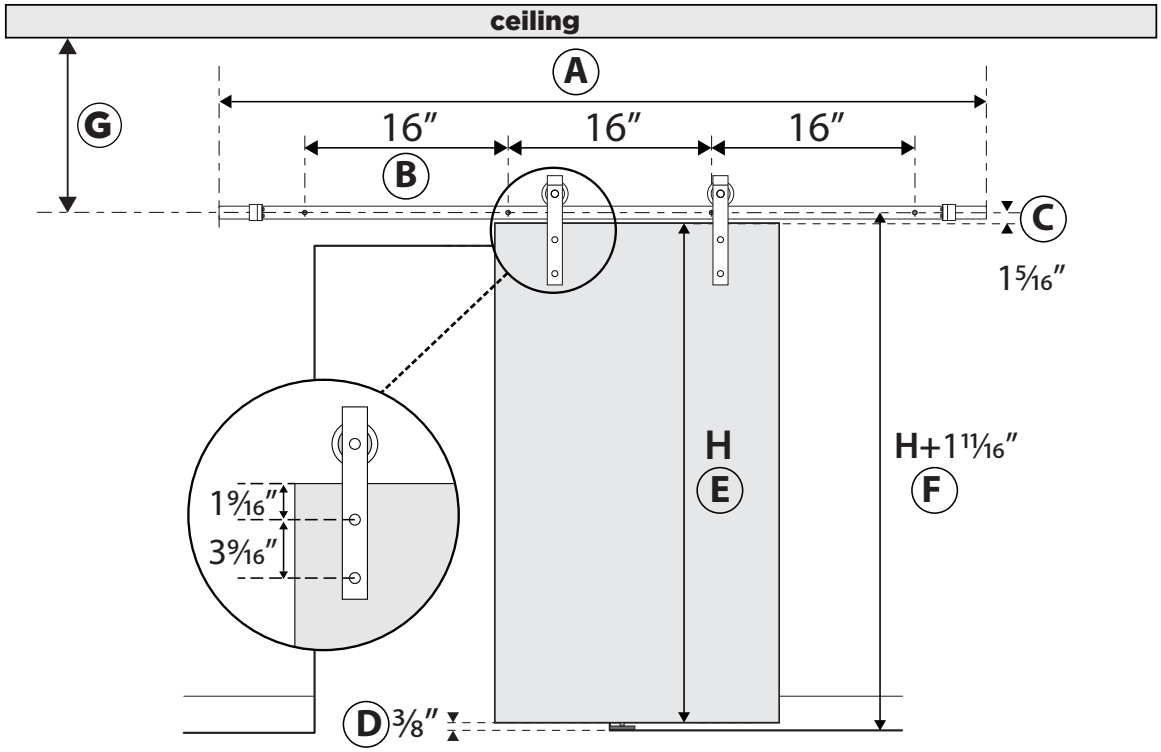
8, Tape



NOTICE Please retain these instructions for future reference.

- Do not stand on or use any part of this item as a step ladder.
- Firmly secure all bolts, screws, and knobs before use.
- Reconfirm that all bolts, screws, and knobs are secure every 90 days.
- Fasten screws loosely during initial assembly. Do not firmly tighten the screws until the item is completely assembled.
- Do not use or store this item in the proximity of open flame or flammable/combustible chemicals.
- Be aware that some parts are heavy and have sharp edges.
- If any parts are missing, broken, damaged, or worn, stop using this item until repairs are made and/or factory replacement parts are installed.
- Do not use this item in a way inconsistent with the manufacturer's instructions as this could void the product warranty.

Measurements



Ⓐ Overall Rail length is 5ft.

Ⓑ The gap between each pre-drilled hole is 16”.

Ⓒ Distance from door top side to holes on the wall is 1 5⁄16”..

Ⓓ Distance from the bottom of the door to the floor is 3/8”.

Ⓔ Door height is H.

Ⓕ The height of holes on the wall is H+1 11⁄16”.

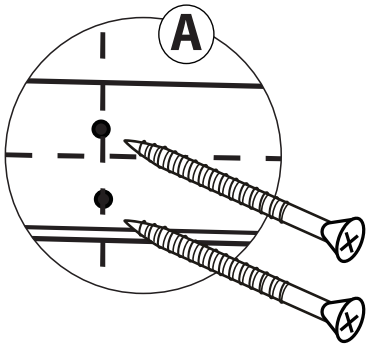
Ⓖ Minimum distance from the rail hole to the ceiling is 6”(J shape).

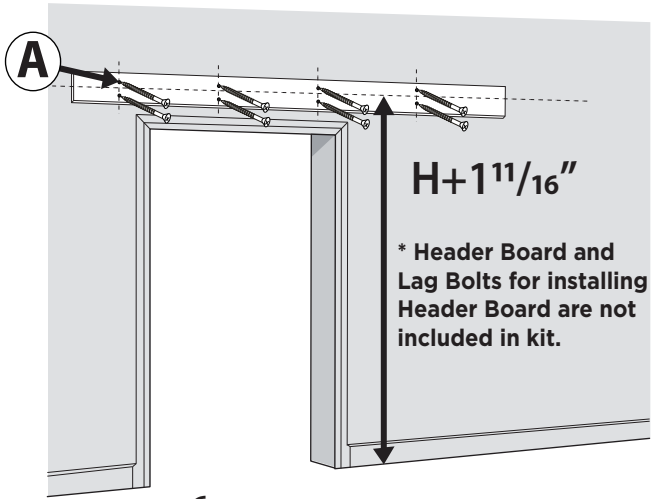
Instructions

It is very important to determine whether you will be installing a Header Board prior to installing the track.

Due to many overlapping factors such as the location of wall studs (Our rail come with pre-drilled holes every 16” on center), the weight of a barn door and the various types of trim used in homes, we recommend using a Header Board in all situations.

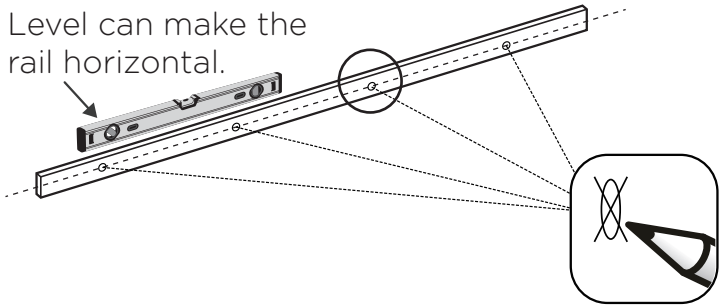
Please install a 1” x 4” or 1” x 6” Header Board above the door opening directly into studs. Header Board must be solid wood and measure at least the full length of the track or longer





Step-1

Place the rail against the wall, and use a pencil to mark where the holes should be.
Make sure the height of holes on the wall is **H+1 11/16″**.



Step-2

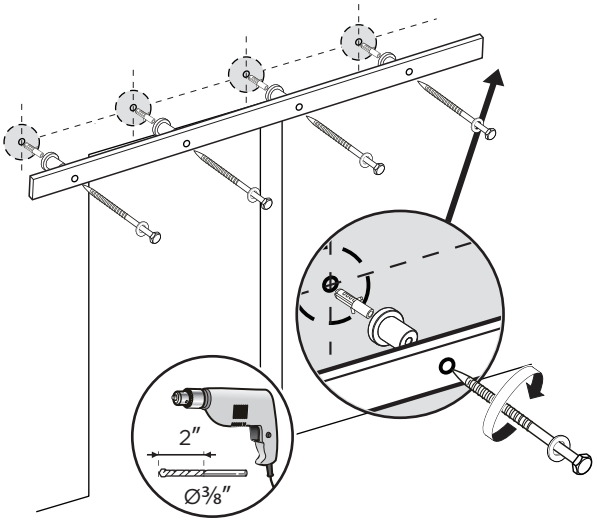
We provide 2 kinds of screws for you to install rail onto concrete wall or drywall.

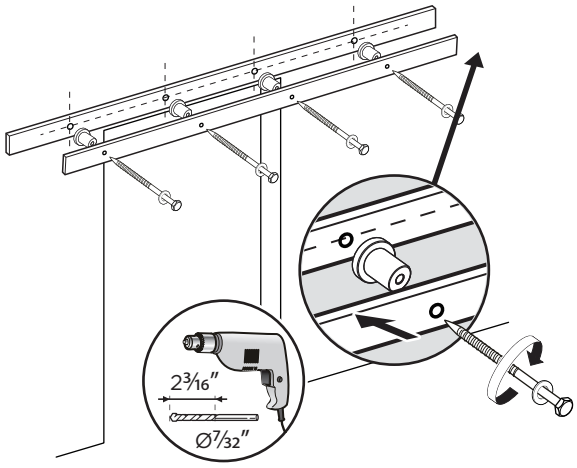
Ⓐ Concrete wall Installation.

Install the anchor to holes on the concrete wall first, then install lag bolt to anchor.

Ⓑ Drywall Installation.

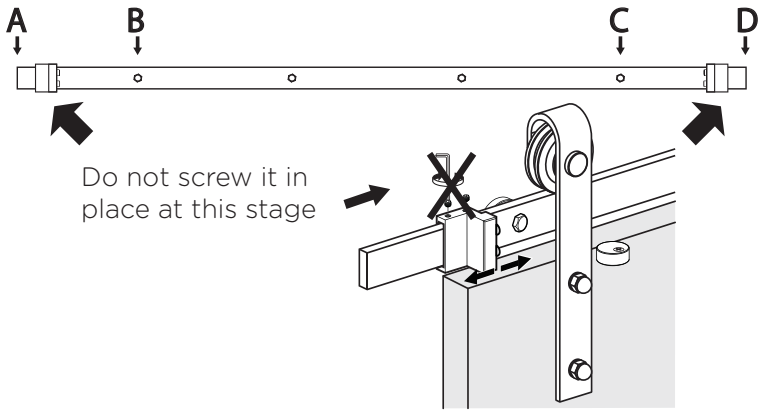
Install the lag bolt to wood stud or head board directly.





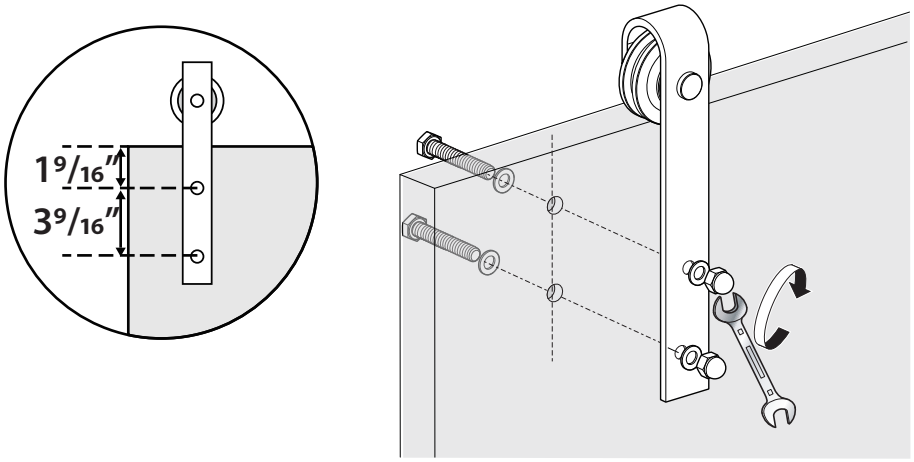
Step-3

Insert door stoppers into rail. Install door stoppers between A-B and C-D
Door stopper is used to prevent the hangers coming out of the rail.



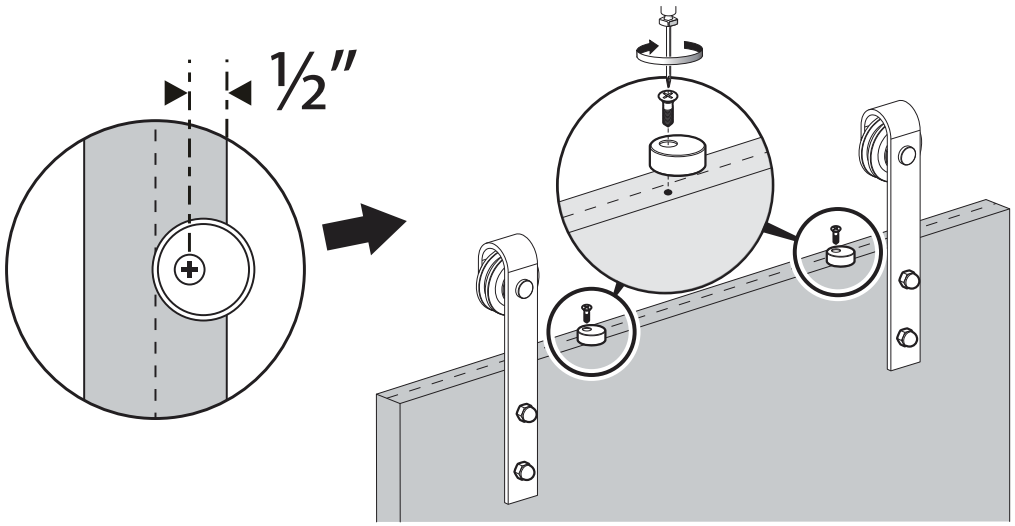
Step-4

Install the hangers onto the door according to the measurement in the pictures below.
Maximum door thickness is **1¾"**.
If your door's thickness is less than **1¾"**, please add some bolt washers or cut the long door bolts to a suitable length to fit the door. Install the hangers onto the door according to the measurement in the pictures below .



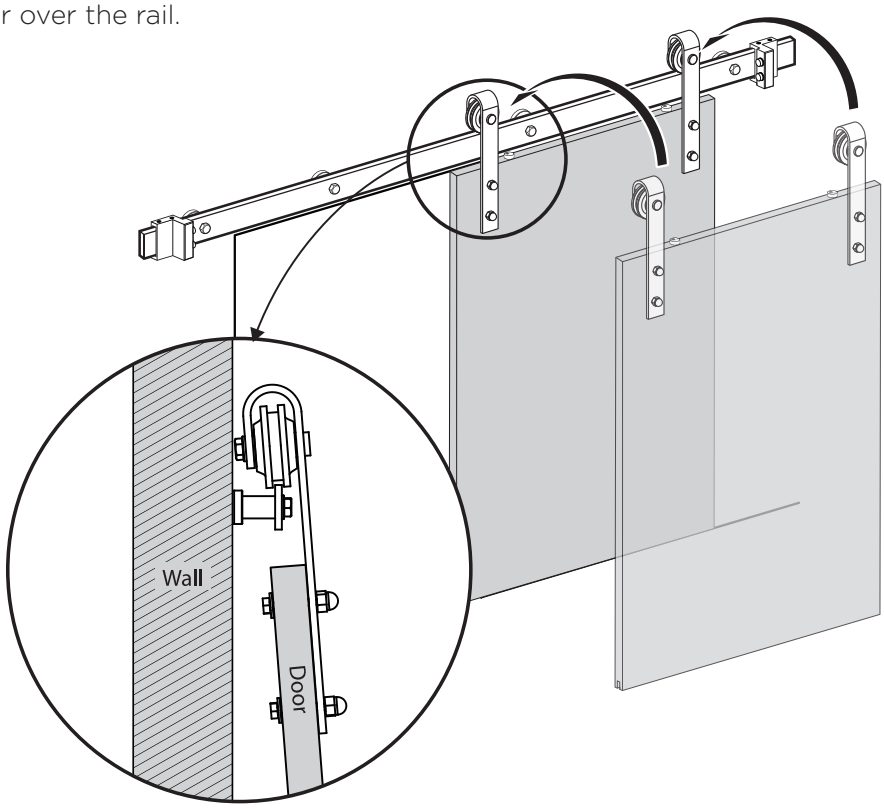
Step-5

The rubber ends are used to protect the door from touching the rail when sliding the door. You need to drill holes on the door top side, please drill the holes 1/2" away from the edge of the door. Then install the rubber ends on the door.



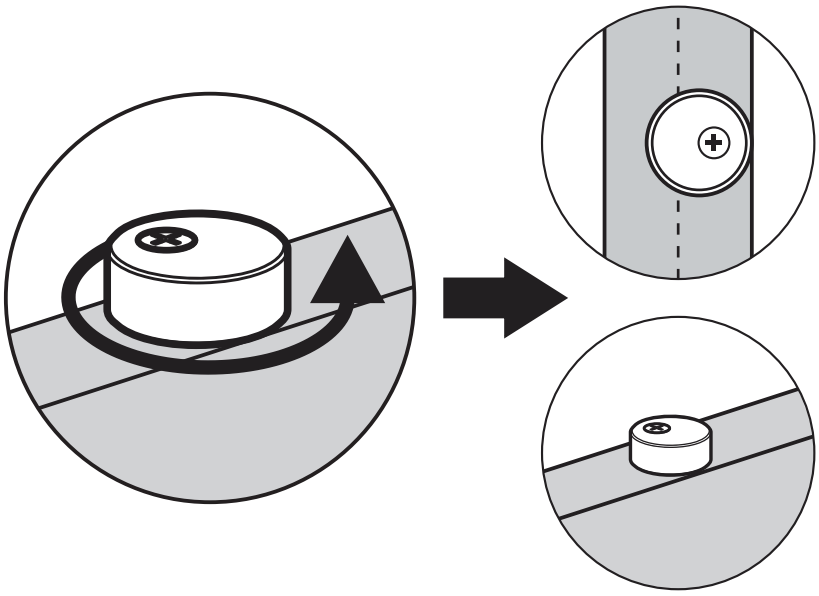
Step-6

Hang the door over the rail.



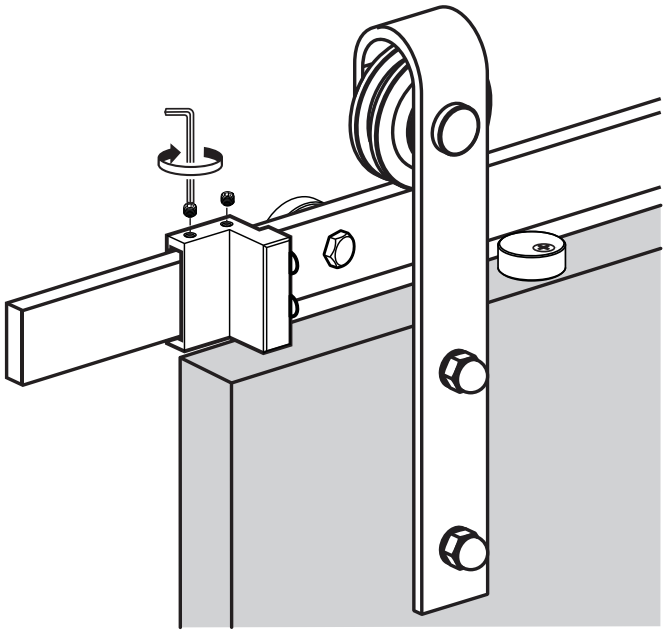
Step-7

Turn the rubber ends approximately 180 degrees so that they are stuck between the door and the rail.



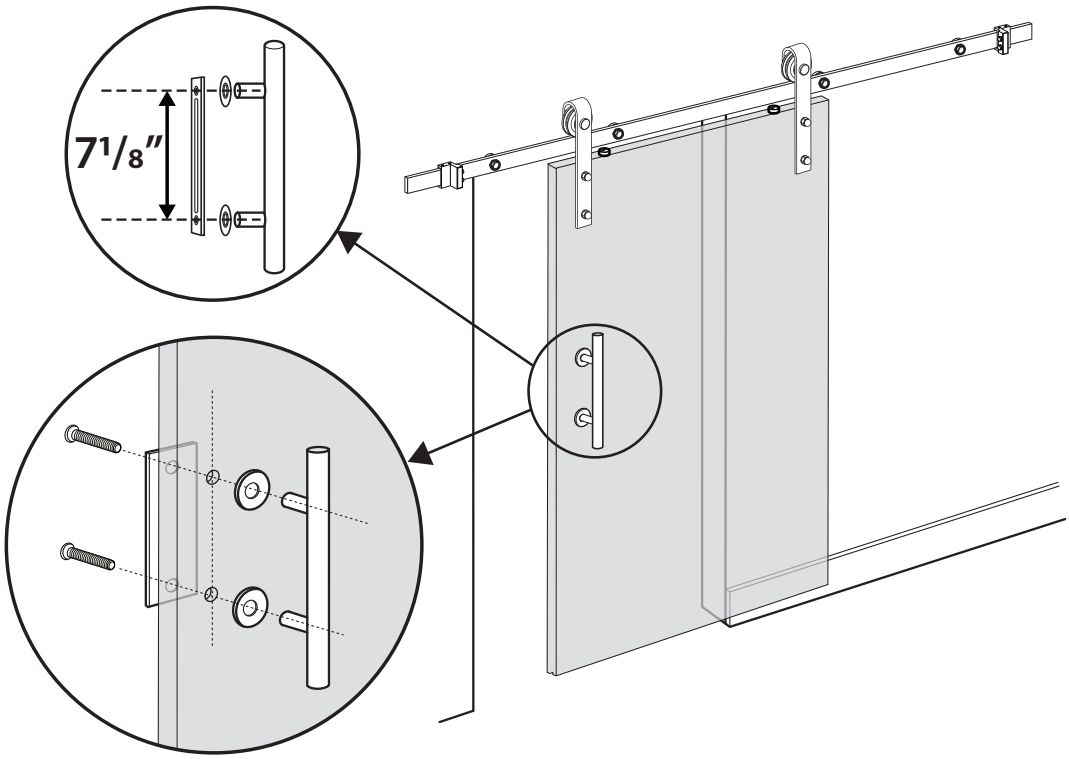
Step-8

Adjust the 2 door stoppers to find a suitable position,
Use the hex key to screw the door stoppers in place.



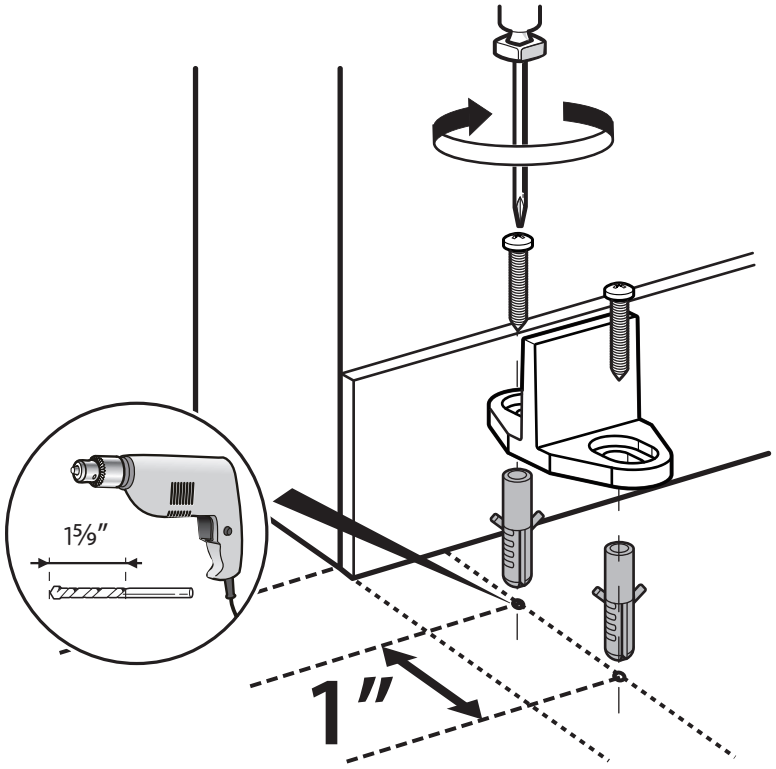
Step-9

Install the barn door handle and pull.
Put barn door handle on the door first to fix a suitable position and make a mark, Use suitable drill bit to drill holes on the door where the mark is, and then install the barn door handle and pull according to the picture.



Step-10

Floor guide is used to keep your door stable and prevent the door bottom swinging back and forth when you slide it open and closed.



T-shape floor guide (installed on the floor)use router or circular saw to create a kerf at bottom of the door, along the center to allow the tip of the T-shape floor guide to fit in between.

⚠ WARNING

- Failure to wear proper safety gear (i.e.,eye protection) may result in serious injury or death. Always wear proper safety gear before using power tools.
- Improper operation of power tools may result in loss of control, serious injury or death. Always ensure you have complete control of the power tool and the work area is free of hazards before operatiog a power tool.
- Lack of secure clamping of the door may result in unexpected movement of the door,loss of power tool control and serious injury or death. Always securely clamp the door in place before cutting,or drilling, the door.
- Lack of ,or improperly installed Anti-jump Disc may result in the door coming off the track and cause serious injury or death. installation of Anti-jump Disks are required for safe operation of this hardware. installed properly, these discs will keep the door securely attached to the track.

⚠ CAUTION

- Mishandling of heavy objects (i.e.,doors) may cause a loss of balance and serious injury. Always be sure you have a secure hold on the object and are balanced before moving the object.Always wear safety shoes when lifting heavy objects.
- Getting body parts (i.e., hair,fingers) caught in moving parts may cause pinching and serious injury.Do not put fingers in parts that may move and always remove or contain anything on your body that may become entangled with a moving part.
- Closing sliding doors with your hand on the end of the door may result in your hand, or fingers, getting caught between the door and other solid objects (i.e., another door, molding) causing serious injury. Always use the door handle to close doors.

Usage Statement:

Use of excessive force when opening, and closing,the door(s) may result in damage to the hardware. Always hold the handle and gently open and close the door(s).