Reno

INSTALLATION MANUAL

Smart Loft* / Smart Piano* / Smart Veco*

* Make sure you have doors with Smart hangers



STRUCTURAL INFORMATION

For Smart systems
for single and double leaf doors



1 All Reno sliding systems require mounting into structural material to a depth of at least 6 cm. The wall or structures where the system will be mounted must be designed to support the specified weight for the system.

SYSTEM	DOOR WEIGHT LIMIT
Smart Loft Smart Piano Smart Veco	up to 75 kg

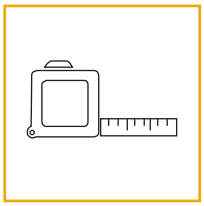
2 Ensure that the doors to be installed are made of solid structural material in the areas where hangers, bottom guide, and handles (if used) are mounted.

3 Contact your contractor and/or local building authorities to confirm compliance with local building codes.

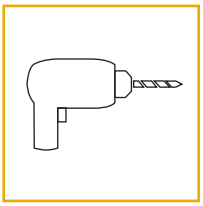
4 For best results and to ensure full compliance with local building codes, seek qualified construction professionals with knowledge of structural material properties and building conditions.

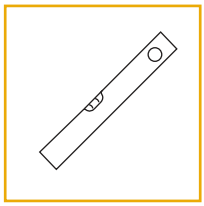
MAIN COMPONENTS

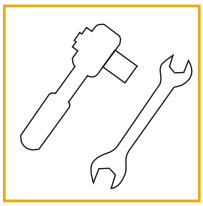
TOOLS NEEDED

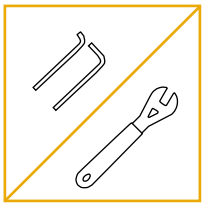

measuri
ng tape

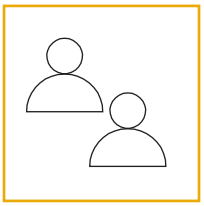

pencil


drill

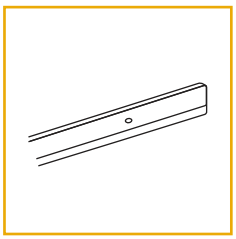

spirit level

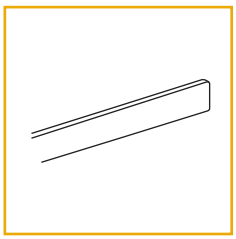

socket wrench,
open-end
wrench

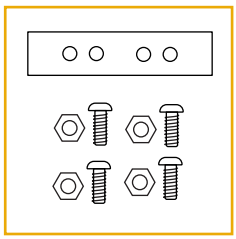

Allen keys /
open-end
wrench
tapered

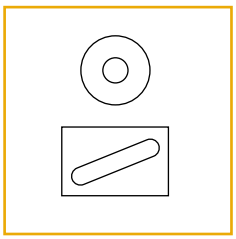

recommended
2 people

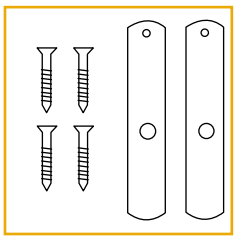
PARTS INCLUDED
(FOR SINGLE-LEAF DOORS)

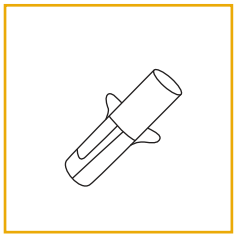

track*
(base part)

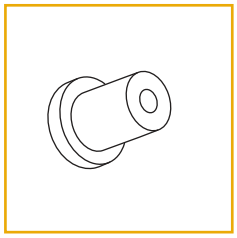

track*
(cover)

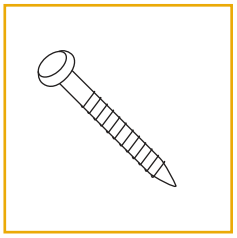

connector*

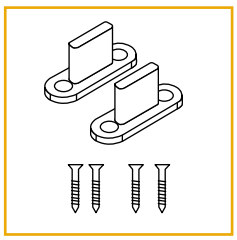

washer and
adjustment
plate*

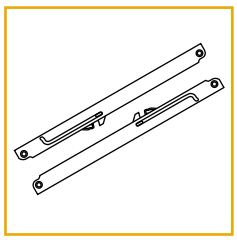

2 x end cap

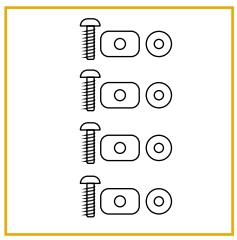

dowel*

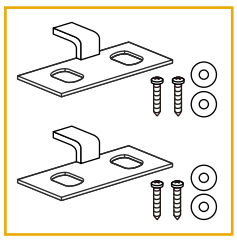

spacer sleeve*


screw*


2 x bottom
guide


2 x soft-close mechanism


set of screws for
soft-close
mechanisms


2 x trigger

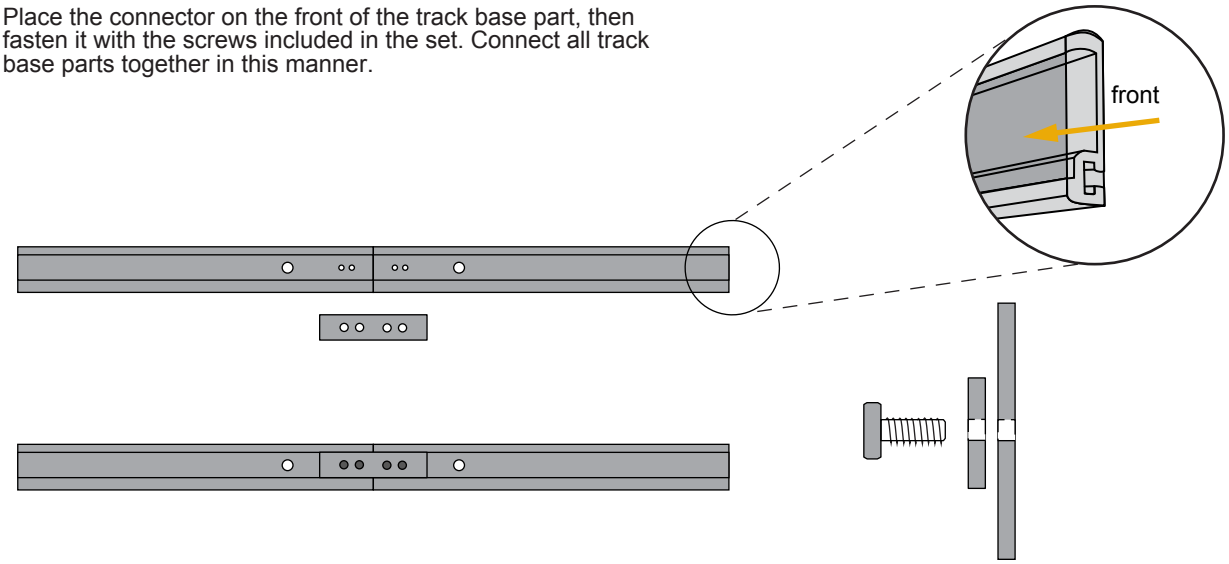
* the number of screws/sleeves/connectors/washers and adjusting plates/track components will depend on the track length

TRACK INSTALLATION

Single-leaf door / Double-leaf door

1 CONNECT TRACK BASES USING CONNECTORS

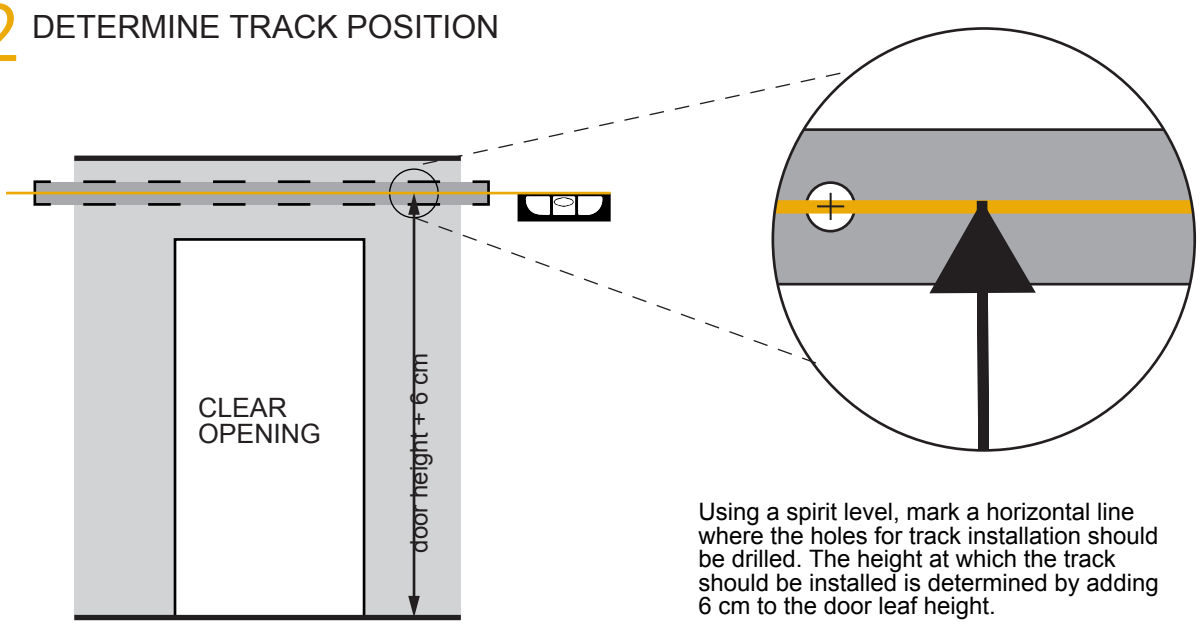
Place the connector on the front of the track base part, then fasten it with the screws included in the set. Connect all track base parts together in this manner.



TRACK INSTALLATION

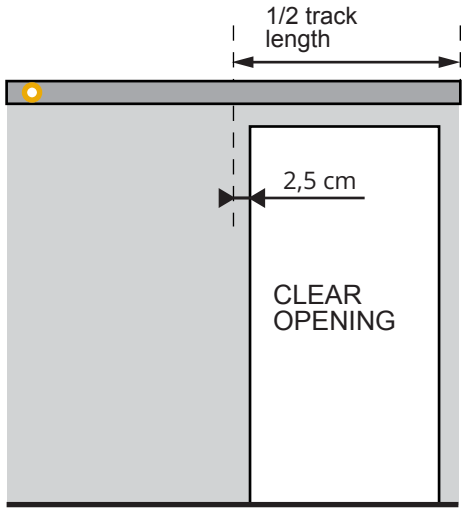
Single-leaf door / Double-leaf door

2 DETERMINE TRACK POSITION

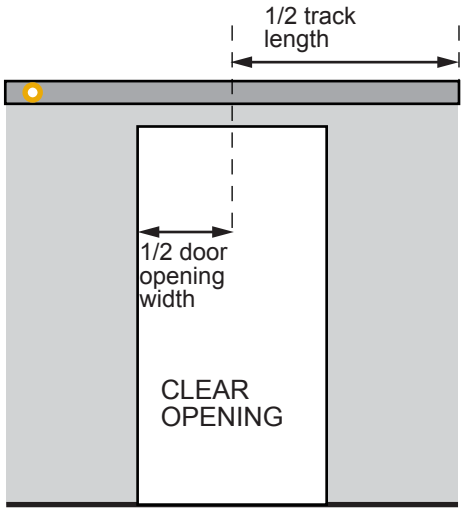


Using a spirit level, mark a horizontal line where the holes for track installation should be drilled. The height at which the track should be installed is determined by adding 6 cm to the door leaf height.

3 LOCATE THE FIRST FIXING POINT - SINGLE-LEAF DOORS



4 LOCATE THE FIRST FIXING POINT - DOUBLE-LEAF DOORS

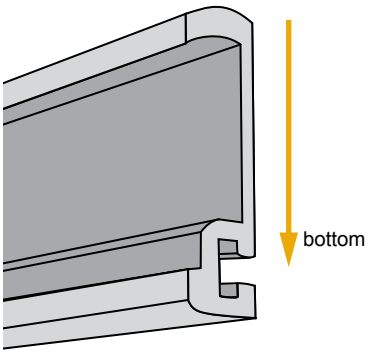


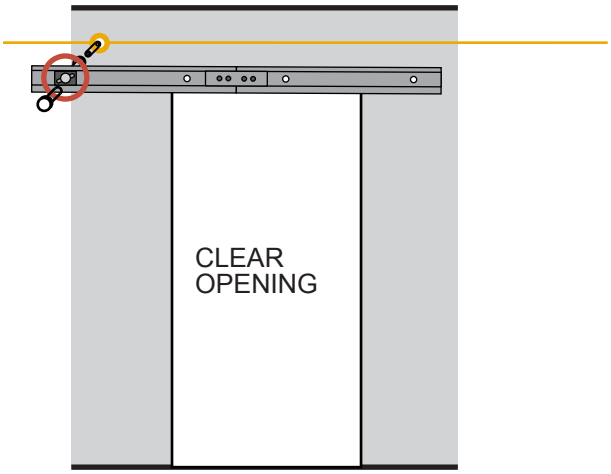
TRACK INSTALLATION

Single-leaf door / Double-leaf door

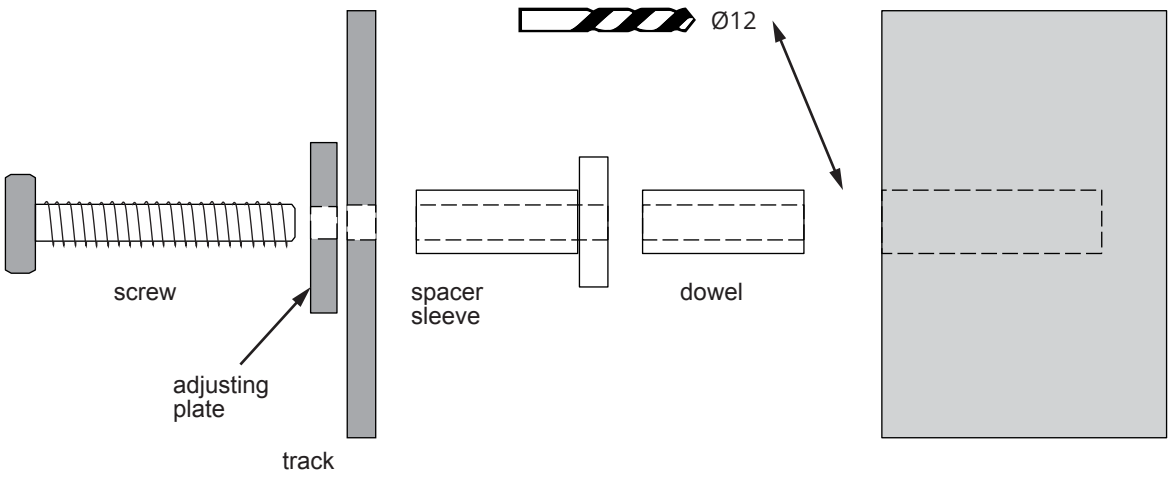
5A SECURE THE END OF THE TRACK AT THE FIRST FIXING POINT

Ensure the track is oriented correctly. The part with the groove should be facing downwards. Drill a hole in the wall, then loosely install one end of the track.





5B SECURE THE END OF THE TRACK AT THE FIRST FIXING POINT

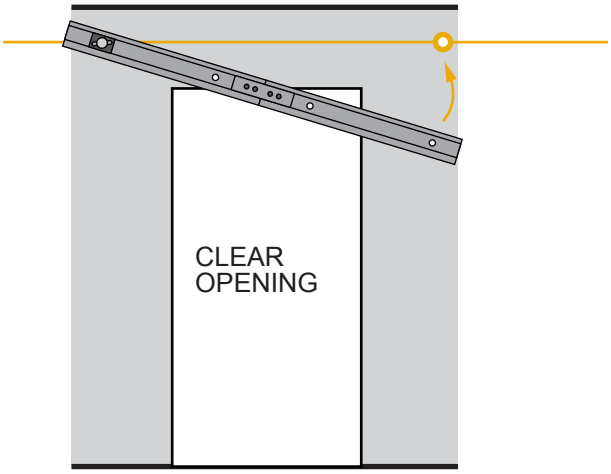


TRACK INSTALLATION

Single-leaf door / Double-leaf door

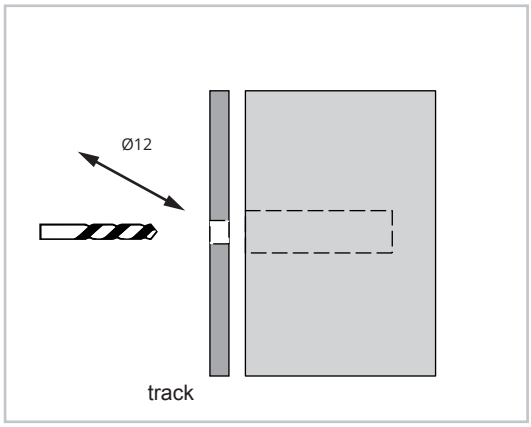
6 LOCATE THE END MOUNTING POINT AND ATTACH THE TRACK

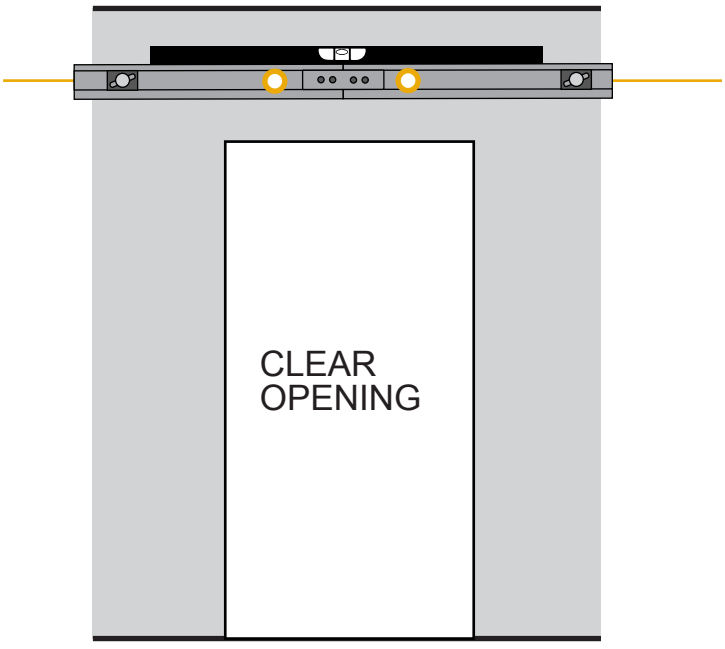
By moving/lifting the track to a horizontal position, locate the final fixing point. Drill a hole and loosely install the other end of the track.



7 LOCATE AND DRILL THE MIDDLE FIXING POINTS

Use a spirit level to ensure the track forms a horizontal line. Then locate the middle fixing points and drill holes in the wall through the track's opening, using a drill.



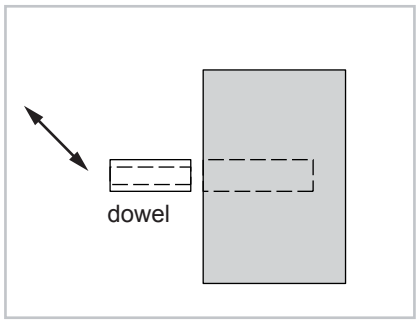


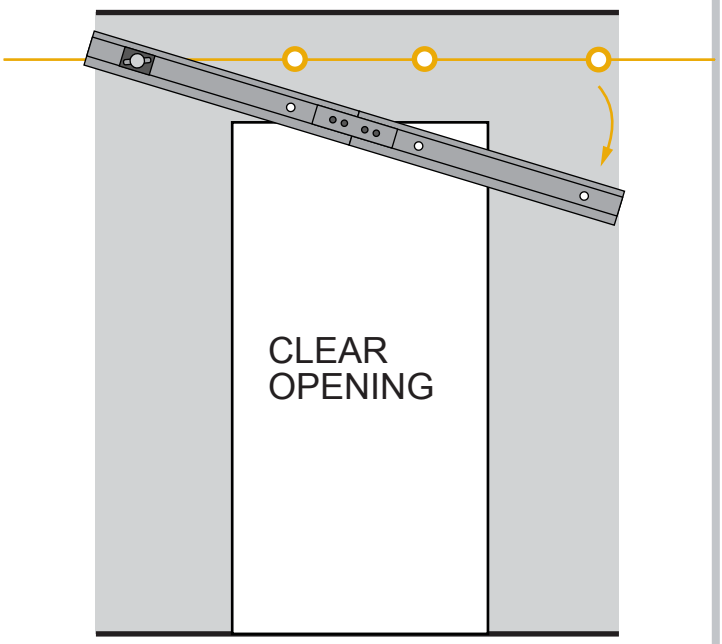
TRACK INSTALLATION

Single-leaf door / Double-leaf door

8 INSTALL DOWELS IN THE MIDDLE HOLES

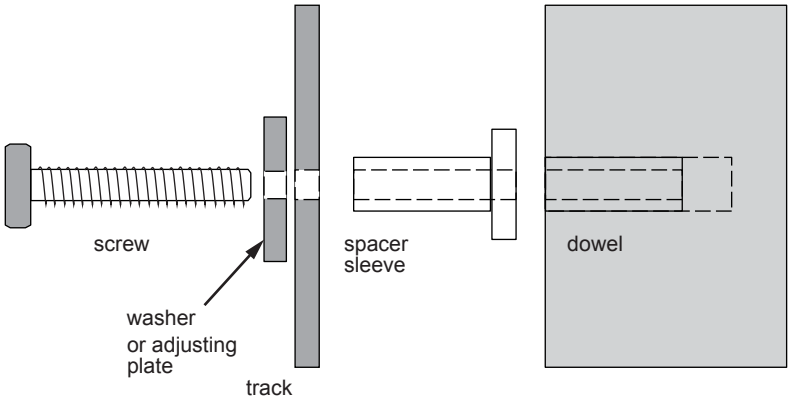
Unscrew the end fixing point and lower the track. Install dowels in all drilled middle points.





9A INSTALL ALL TRACK FIXING POINTS

Raise the track back to the horizontal position and loosely attach the end point of the track first, then the middle points.



TRACK INSTALLATION

Single-leaf door / Double-leaf door

9B INSTALL ALL TRACK FIXING POINTS

Adjusting plates are intended for installation in the holes located at both ends of the track. Washers should be placed in the remaining holes.

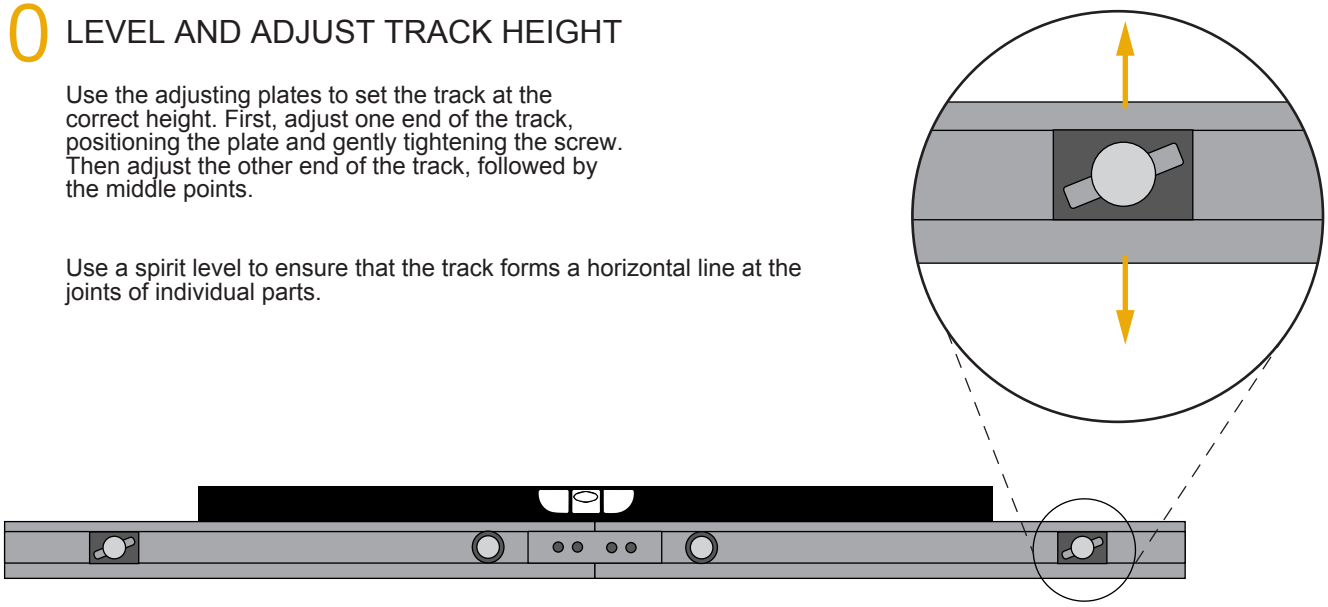
For longer tracks or tracks consisting of more than two parts, one plate is placed at each of the two ends of the track, and the remaining plates included in the set are distributed among the track holes, maintaining roughly equal spacing between them. Washers should be placed in all remaining holes.



10 LEVEL AND ADJUST TRACK HEIGHT

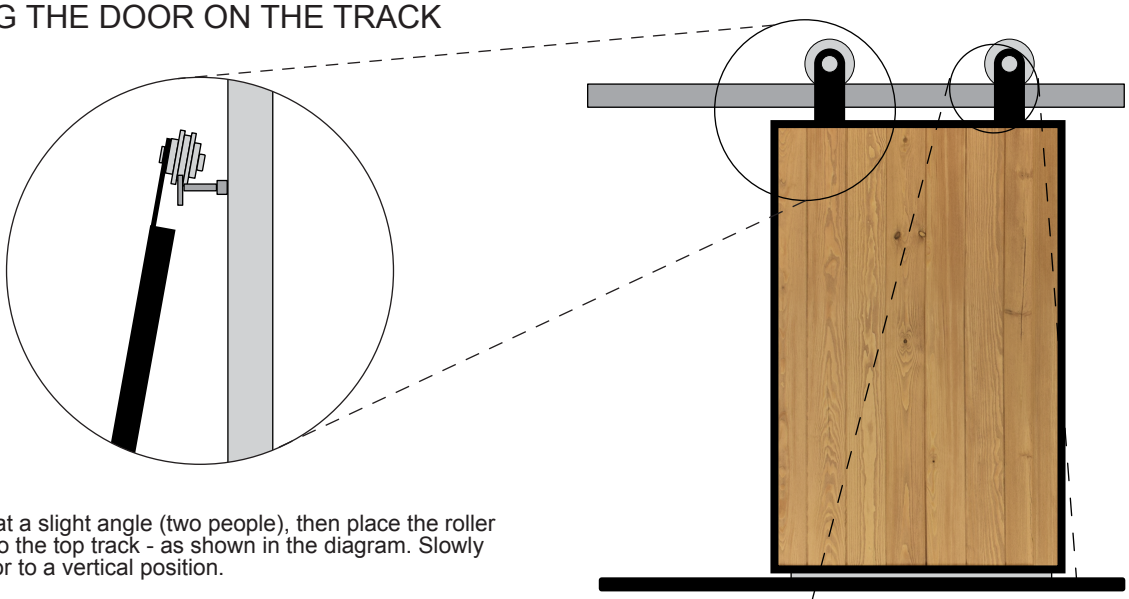
Use the adjusting plates to set the track at the correct height. First, adjust one end of the track, positioning the plate and gently tightening the screw. Then adjust the other end of the track, followed by the middle points.

Use a spirit level to ensure that the track forms a horizontal line at the joints of individual parts.



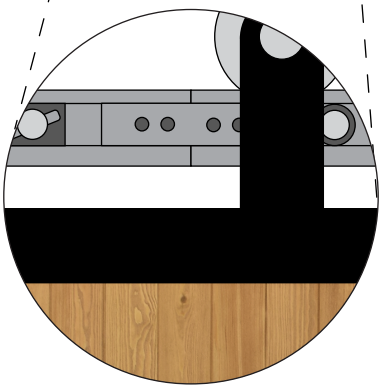
DOOR INSTALLATION

11 HANG THE DOOR ON THE TRACK



Lift the door at a slight angle (two people), then place the roller recesses onto the top track - as shown in the diagram. Slowly lower the door to a vertical position.

12 CHECK IF THE DOOR MOVES SMOOTHLY



Check if the door slides smoothly along the track at the joint of the base parts.

If necessary, remove the door. Slightly loosen the screws, then use the adjusting plates to level any unevenness. Hang the door and ensure it slides smoothly.

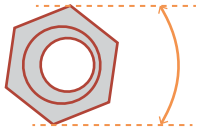
DOOR INSTALLATION

Hanger adjustment

13 HANGER ADJUSTMENT - DOUBLE-LEAF DOORS

If, after hanging the door and moving it to the closed position, a gap is visible between the leaves, adjust the hangers.

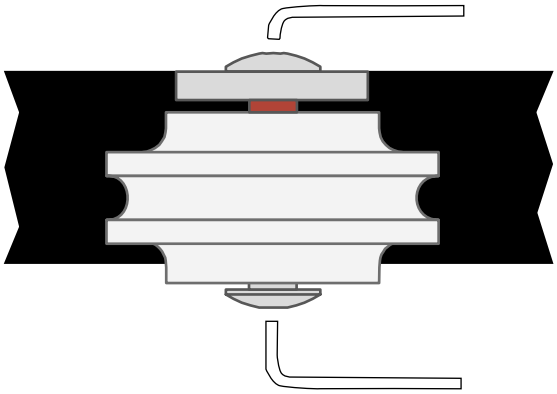
The double door hangers of the Industrial Line have special eccentric screws for micro-adjustment. Gently turning the screw allows for correction of the door's position.



Option 1. With two Allen keys

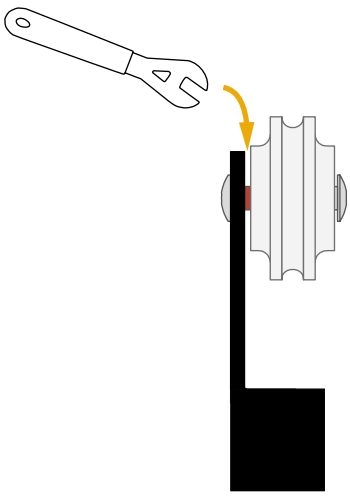
Use two size 5 Allen keys, one of which is designed for tight spaces (with a handle length of max. 1 cm).

Place the keys on the screws on both sides of the roller. Turn both keys synchronously in the same direction to set the eccentric screw.



Option 2. With a tapered open-end wrench

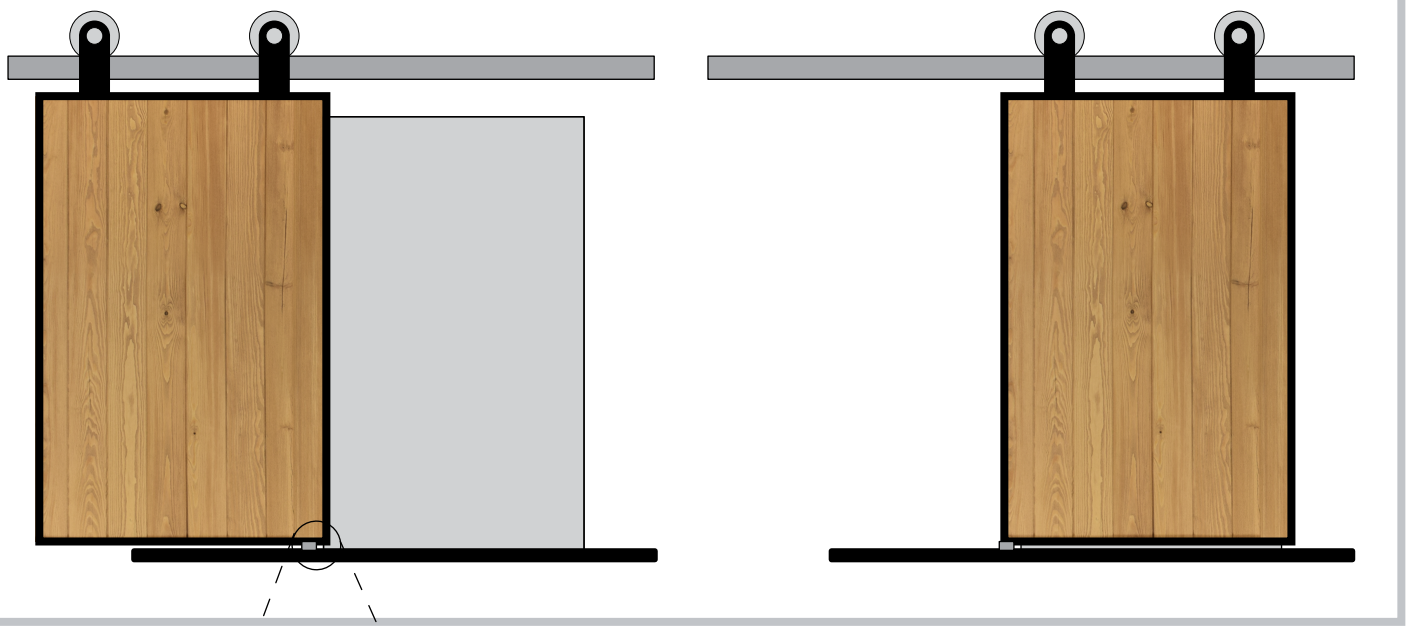
Use a flat wrench, size 14 and 2 mm thick.
Insert the wrench between the roller and the hanger and gently turn the wrench to set the eccentric screw.

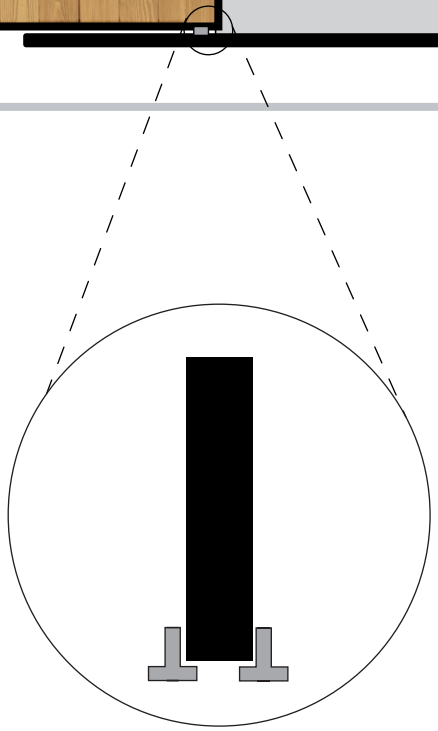


If necessary, remove the door from the track and adjust the screw.

BOTTOM GUIDE INSTALLATION

14 INSTALL THE BOTTOM GUIDE

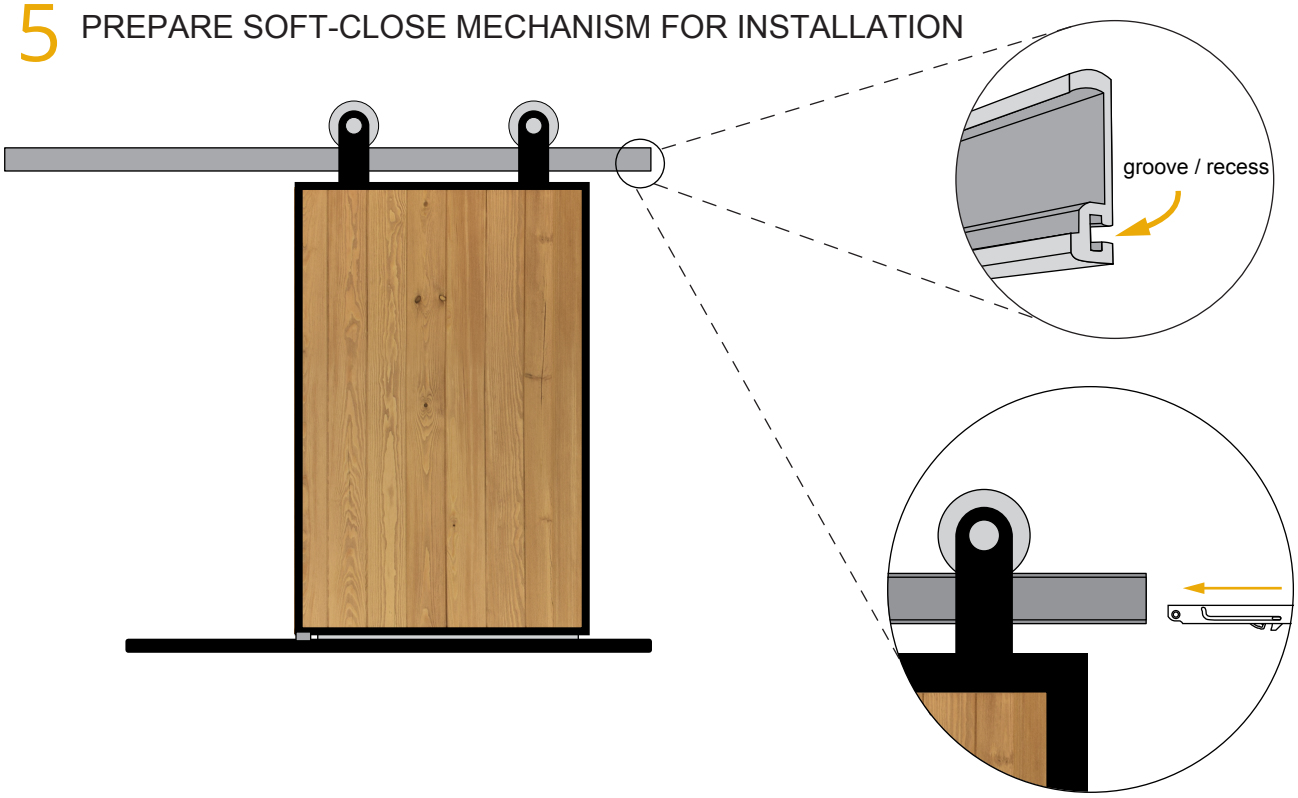




Install the bottom guide close to the edge of the door opening (approx. 0-1 cm from the edge), so that when the door is fully open or closed, the bottom guide will always be in line with the door.

SOFT-CLOSE MECHANISM INSTALLATION

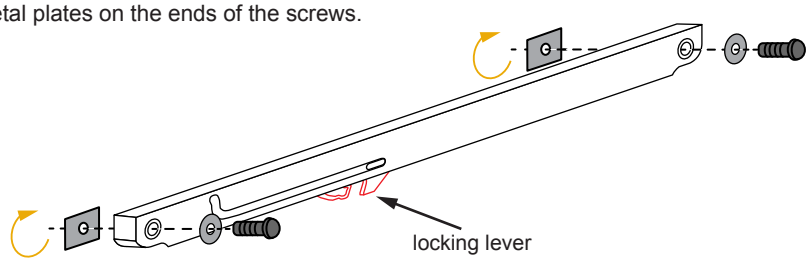
15 PREPARE SOFT-CLOSE MECHANISM FOR INSTALLATION



At the back of the base part there is a special groove, adapted for the installation of soft-close mechanisms and stoppers.

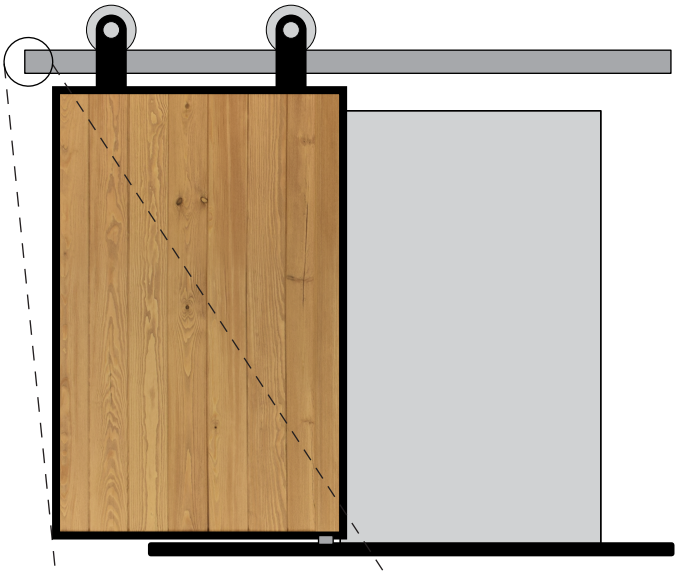
For single-leaf doors, place one soft-close mechanism at each end of the track. This will allow the soft-close mechanism to operate when opening and closing the door.

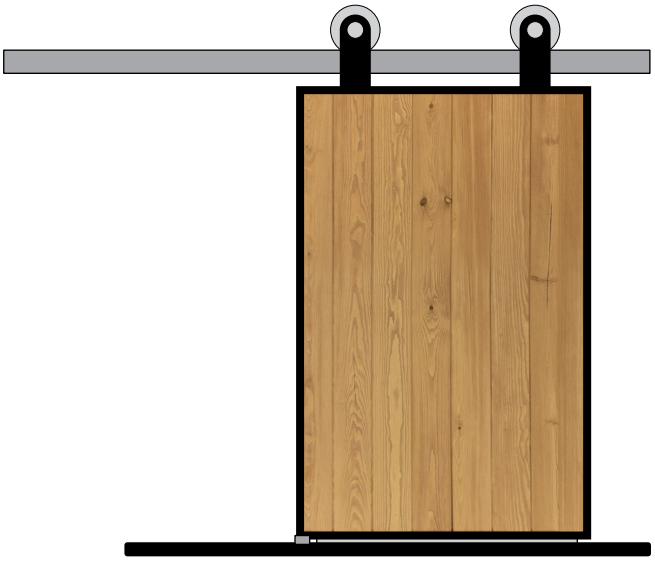
Prepare the soft-close mechanisms for installation. To do this, place the screws in the holes of the soft-close mechanisms, and place metal plates on the ends of the screws.

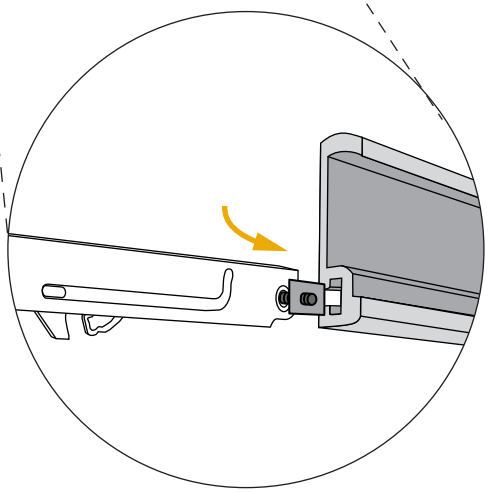


SOFT-CLOSE MECHANISM INSTALLATION

16 INSTALL SOFT-CLOSE MECHANISM ON THE TRACK







Move the door to the fully open position.

Place the body of the soft-close mechanism on the track, inserting the metal plates into the groove. Pre-position the soft-close mechanism, then tighten the screws to the track.

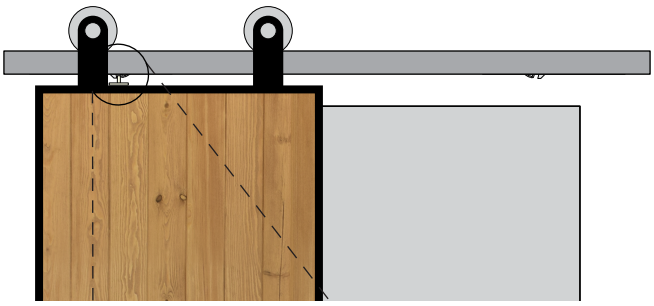
The final adjustment of the soft-close mechanism and trigger will be performed during regulation.

Move the door to the fully closed position and repeat the above steps for the second soft-close mechanism.

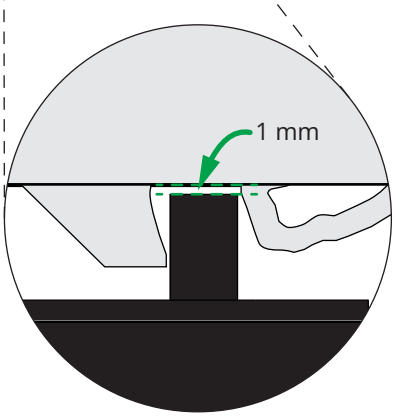
SOFT-CLOSE MECHANISM INSTALLATION

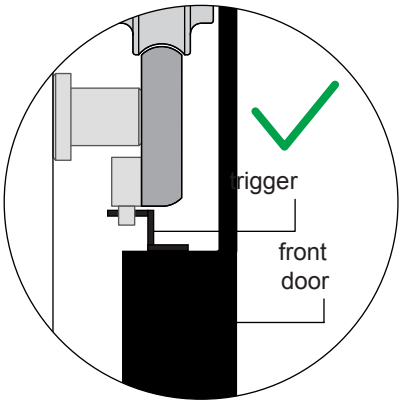
17 DETERMINE THE TRIGGER POSITION

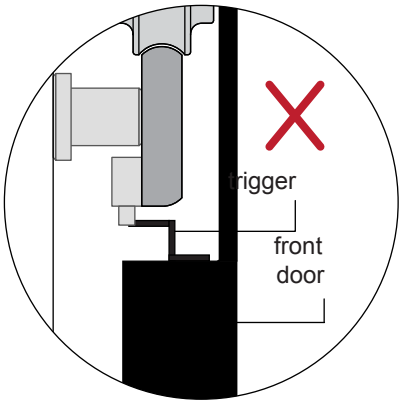
Set the door in the fully open position. Place the trigger against the top edge of the door and mark its position.



Correct positioning of the trigger is essential for the proper functioning of the soft-close mechanism.







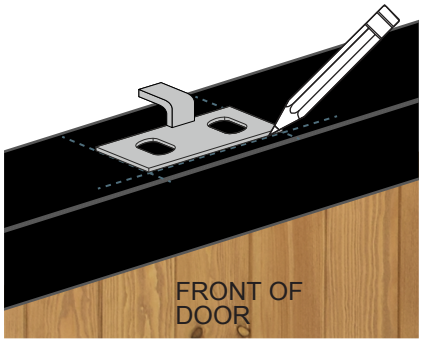
The trigger serves two functions:
- it activates the soft-close mechanism;
- it prevents the door from leaving the track.
- uruchamia mechanizm samodomykacza,
- zabezpiecza drzwi przed wypadnięciem z prowadnicy.

When determining its position, pay attention to its placement relative to:

- hanger - position the trigger as close as possible to the outermost hanger; if necessary, move the soft-close mechanism body on the track,
- front of the door - the trigger catch must pass completely through the locking lever,
- soft-close mechanism - maintain approx. 1 mm clearance between the catch and the bottom edge of the body; if necessary, use shims to achieve the correct height.

Mark the trigger position on the top edge of the door.

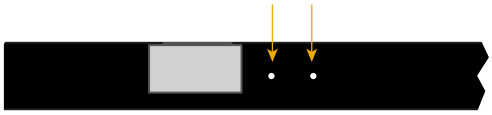
* Some frames may already have pre-drilled holes where the triggers should be installed.



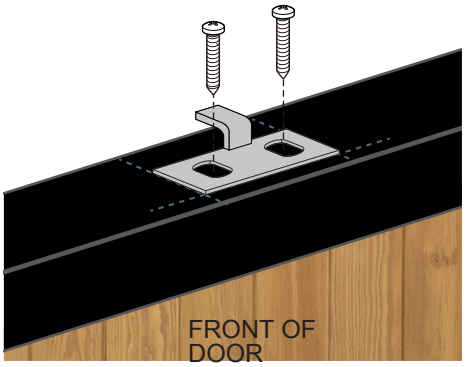
SOFT-CLOSE MECHANISM INSTALLATION

18 INSTALL TRIGGERS ON THE DOOR

Pre-drilled mounting holes ->

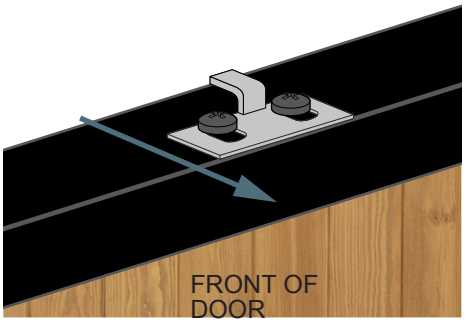


If the door frame does not have pre-drilled mounting holes, make them in the marked location. Then place the trigger in the holes and lightly tighten the screws. If washers are needed, install them under the trigger. If necessary, remove the door from the track.

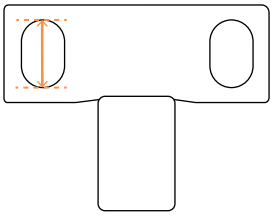


If the door has been removed from the track:

- before re-hanging, move the trigger as far as possible towards the front of the door,
- re-hang the door on the track, being careful not to scratch the track with the trigger,
- move the trigger towards the back of the door, to the previously marked position.

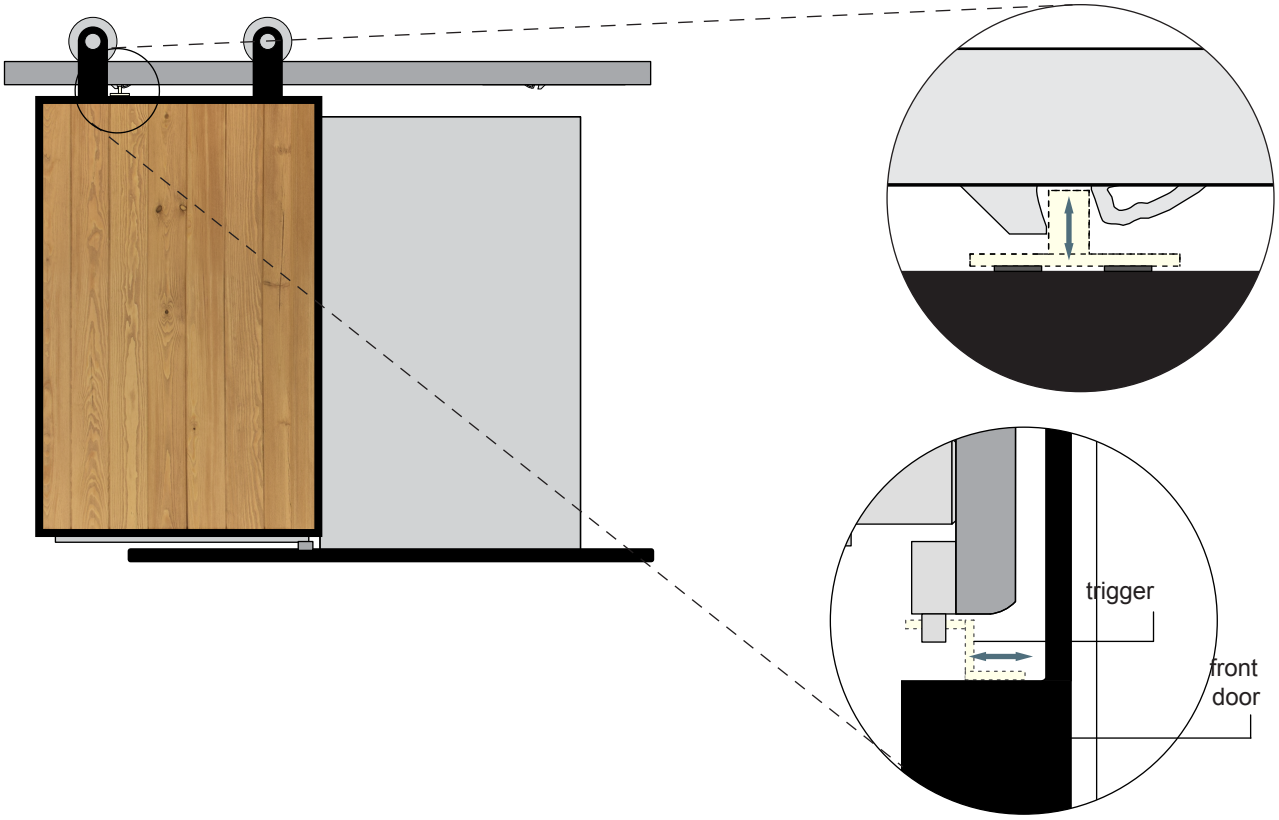


The elliptical shape of the holes in the trigger facilitates door installation on the track and adjustment of the trigger position.



SOFT-CLOSE MECHANISM INSTALLATION

19 CHECK AND ADJUST TRIGGER POSITION



Slide the door towards the soft-close mechanism. Ensure the catch does not rub against the track, and check the trigger position (according to point 17).

If necessary, adjust the trigger position:

- vertically - using shims,
- towards the front or back of the door - along the elongated mounting holes.

Once the correct position is achieved, firmly tighten all trigger screws.

Then set the door in the fully closed position and install the trigger at the opposite end of the track.

TRACK INSTALLATION

20 CHECK SYSTEM OPERATION

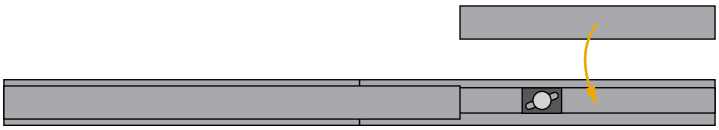
Check if:

- the door slides smoothly,
- the bottom guide is correctly positioned,
- the soft-close mechanisms function correctly when opening and closing the door.
-

If necessary, make any required adjustments before installing the track cover.

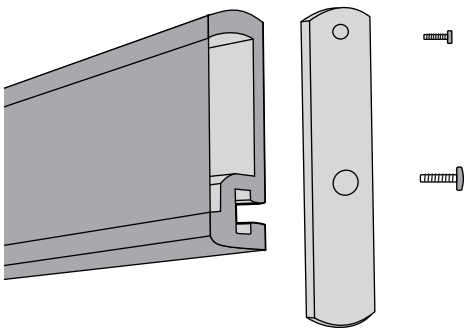
21 INSTALL TRACK COVER

Attach the covers by snapping them into the base part. First, align the top edge of the cover with the upper part of the base, then press down on its bottom edge.



22 INSTALL END CAPS

Install end caps on both ends of the track and secure with the included screws.





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