CARVART®

MANUAL OF INSTALLATION USE and MAINTENANCE

AURA ZIP

CARVART
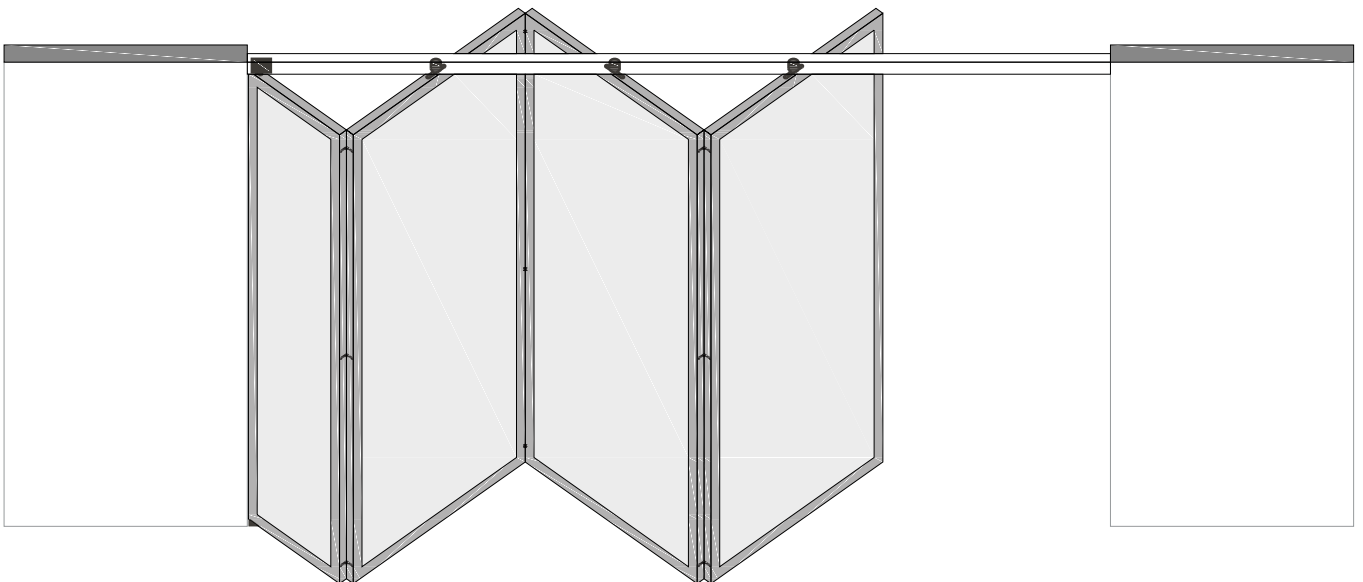
TOOLS NEEDED
FOR ASSEMBLY
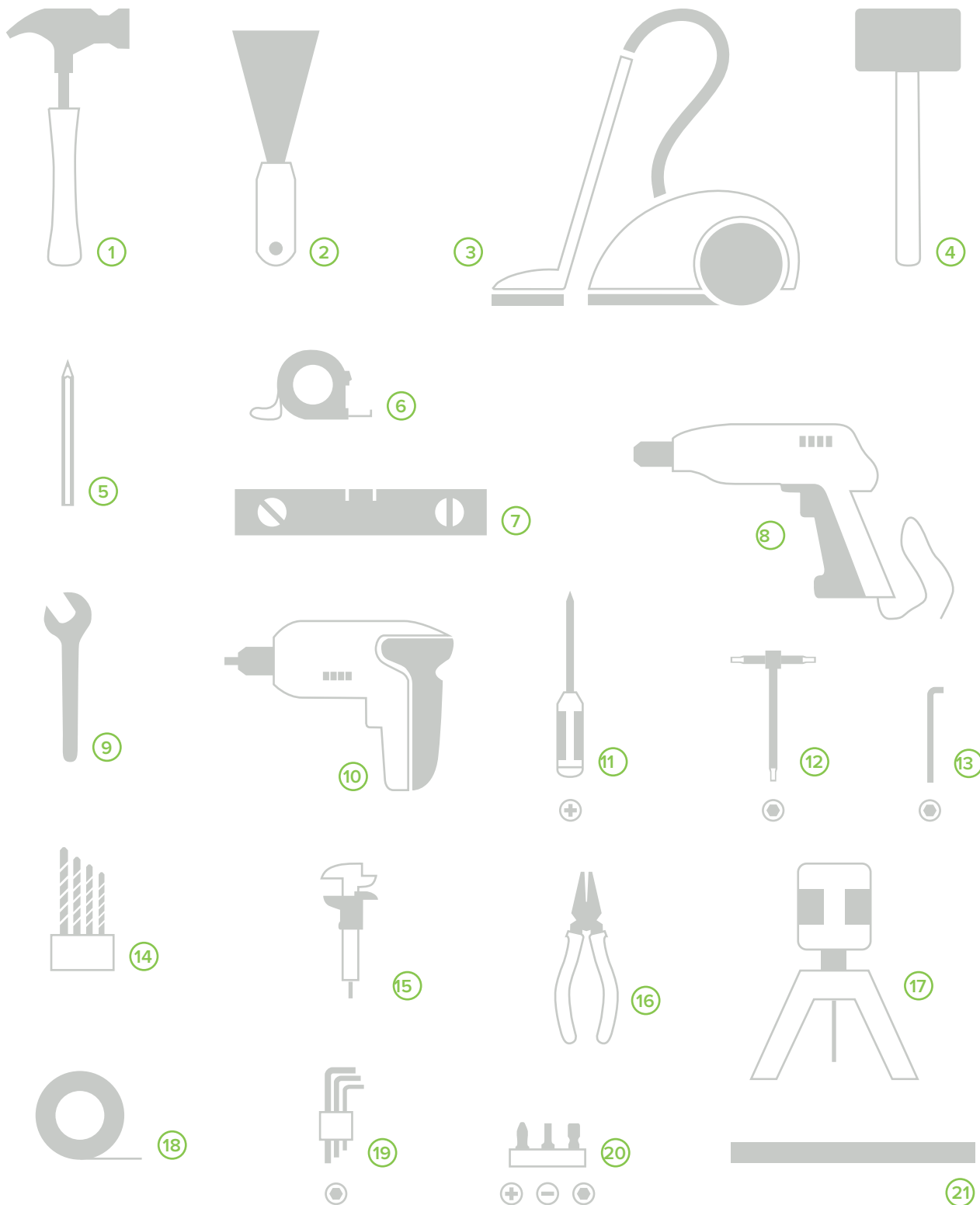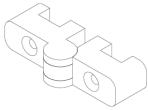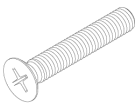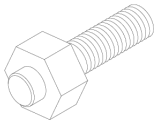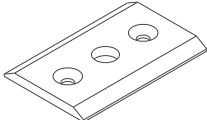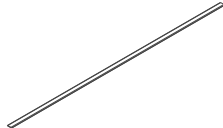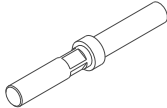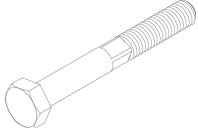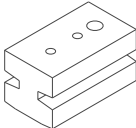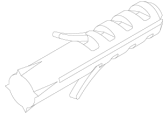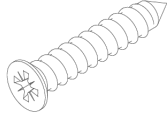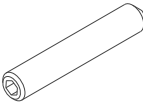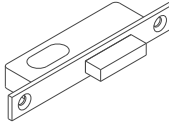
1. Hammer
2. Putty Knife
3. Vacuum cleaner
4. Hard rubber hammer
5. Pencil
6. 5-meter tape measure
7. Level
8. Impact drill
9. Adjustable Wrench
10. Screwdriver
11. Phillips screwdriver
12. 5mm Hex Wrench
13. 3mm Angled Hex Wrench
14. Set of drill bits for drilling floor
15. Caliper
16. Needle Nose Pliers
17. Laser Level
18. Tape
19. Hex wrench set
20. Set of screwdriver bits
21. MDF for hinges (L=110 cm)

COMPONENT BOARD

COD. 400008 (burnished)
COD. 400008.1 (niploy)

Aurea Zip hinge burnished
black or niploy

COD. 01702.05030 (burnished)
COD. 01702.5030I (inox)

TPSEI screw M5x30mm
burnished or stainless steel

VSTEI grain M4x25mm
conical tip

COD. 009010.201

Hinge thickness
6x12x0,1 mm

COD. 009010.202

Hinge thickness
6x12x0,2 mm

COD. 400008C

Calibrated hinge pin Ø4x16

COD. 400013.2

Floor pin Aurea Zip D=24xH=60
black burnished

COD. 400015

Chamfered floor plate
62x54x4mm burnished

COD. 400014.01

Upper hinge pin D=100mm
black galv. for initial module

COD. 400023

Bogie pin standard
module 41 mm

Beveled threshold
3130x54x4 mm

COD. 400012

Upper pin retainer
39x41x72mm PVC black

COD. 02503.10
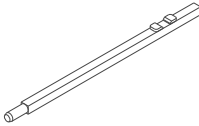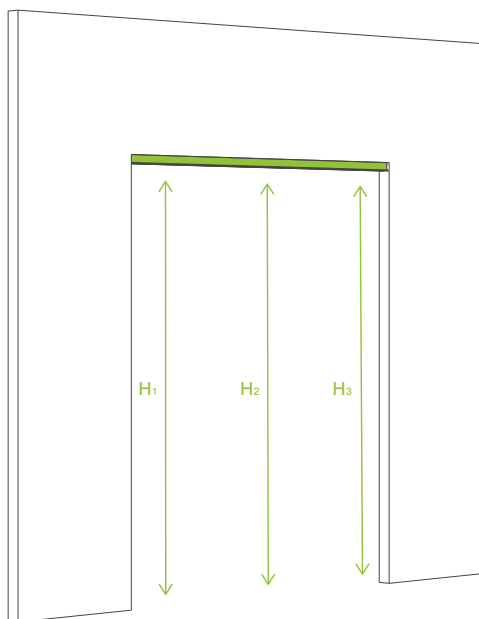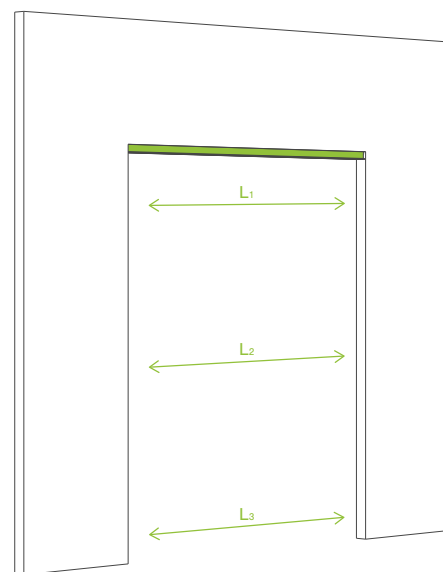
Hex nut
low M10

COD. 05106 (nera) COD.
05106.1032 (nichel)

Recessed handle 75x32mm
black or polished nickel finish

COD. 04202.0636

Plastic multi-purpose
Zebra 6x35mm

COD. 01207.40045

TPS screw 4x45mm
galvanized

COD. 03801.04008

VSTEI grain M4x8mm
conical tip DIN 914

COD. 03801.06050

ISO4027 grain 45H (GR) EI3
M6x50mm conical tips

COD. 163024

Lock for
sliding doors

COD. 163043

Cylinder for lock

COD. 440000

Ground pivot
L=900 mm

COD. 164010.02

Trolley Ø40mm

COD. 03101.2910

Notched outer washer
D=10.5mm (grower)

INITIAL CHECK

Measure height/width
of the opening and check
that correspond with the
design dimensions.

OUT-OF-LEAD CONTROL

WALL

Wall length

WALL

Wall length

WALL

Wall length

WALL

X

WALL

X

WALL

X
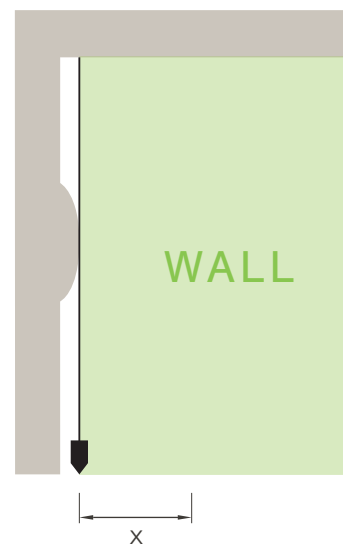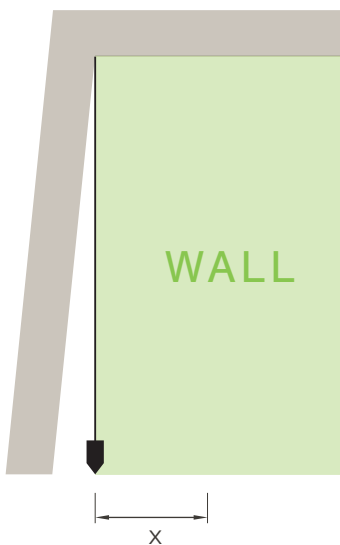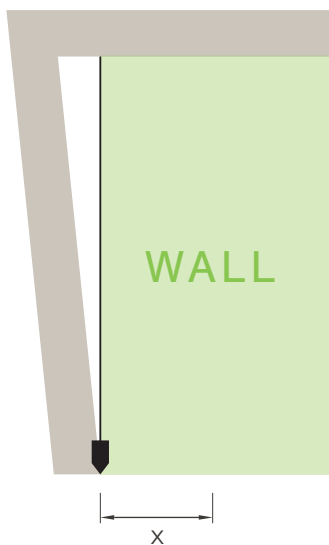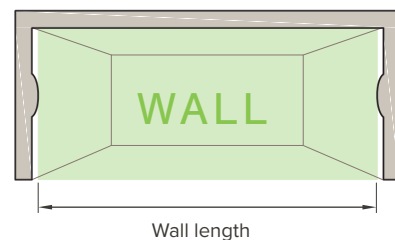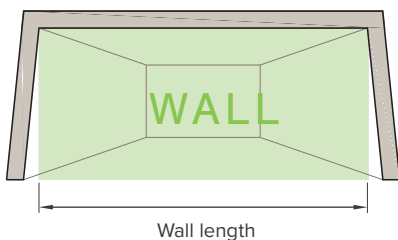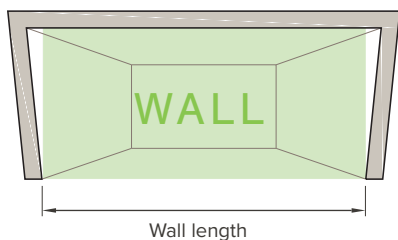
X = distance of the floor plate from the lead (SEE PAGE 7)

TYPE OF MODULES
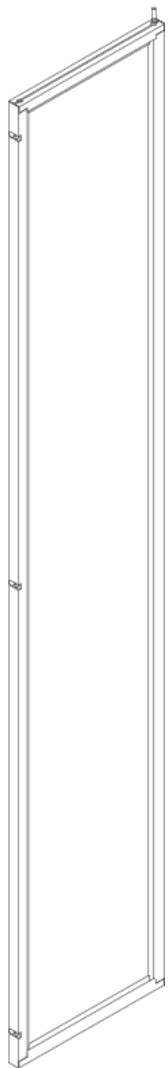
HALF MODULE

Ground and upper
pin module, hinge
slots on one side
only
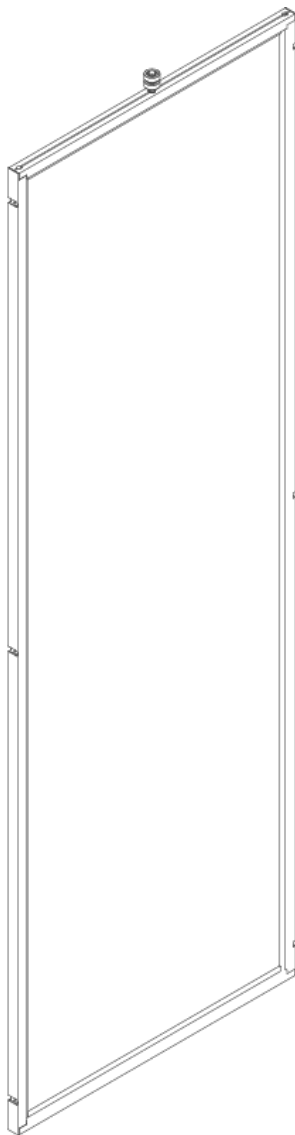
STANDARD MODULE

Module with upper
trolley, hinge slots on
both sides.
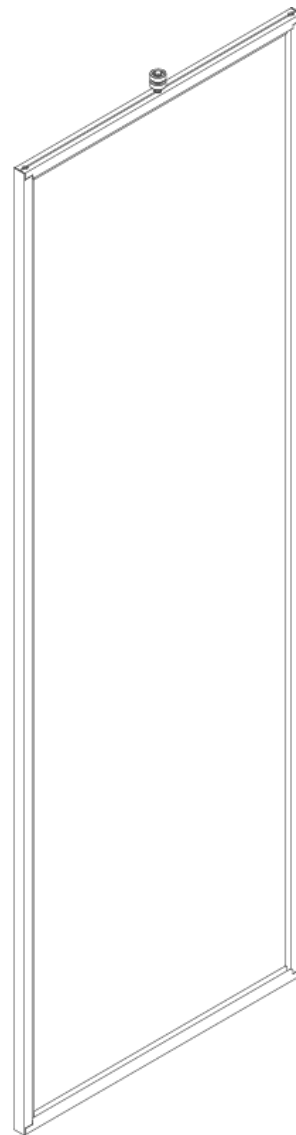
FINAL MODULE

Module with upper
trolley, hinge slots on
one side only.
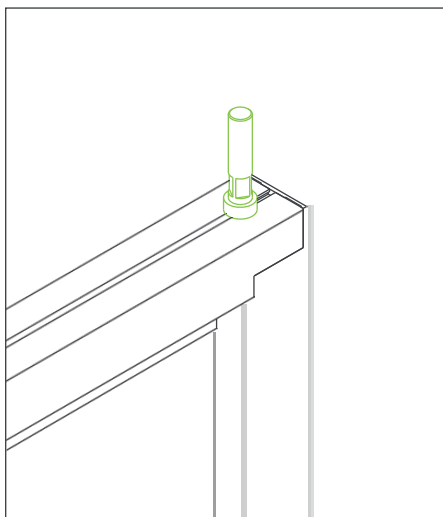
TOP PIN
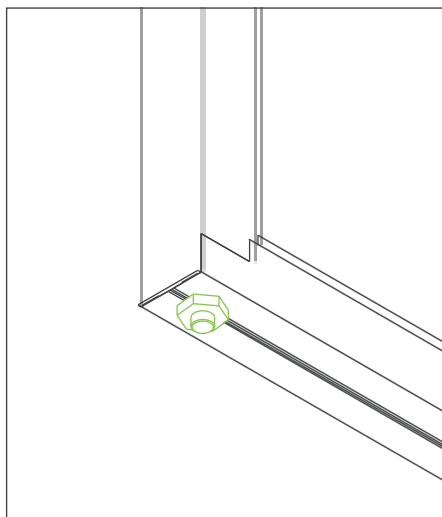
GROUND PIN

TROLLEY Ø40 mm

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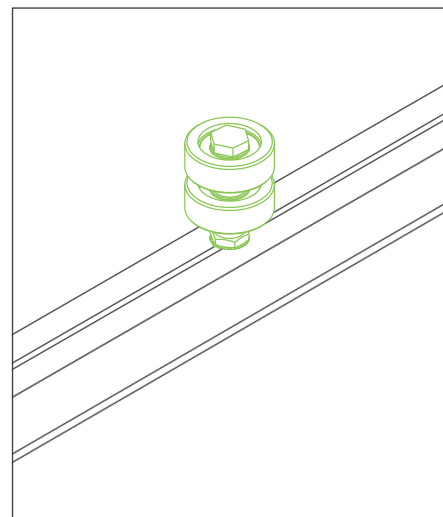
RAIL CHECK AND REMOVAL OF
THE DEMOUNTABLE PIECE

NO
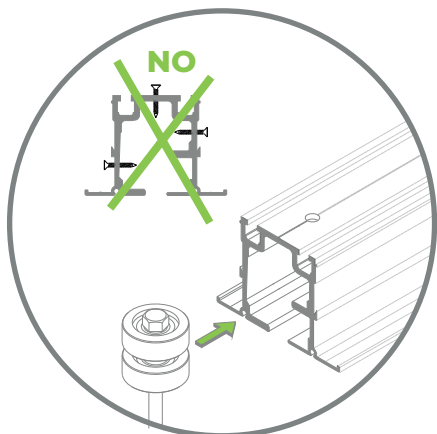
Check that the rail is clean, undamaged and/or obstructed

View of the plugs from under the rail.

1

2

3

4

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GROUND PLATE FIXING

PLATE

THRESHOLD

WALL
AXIS

LMI = Initial module length
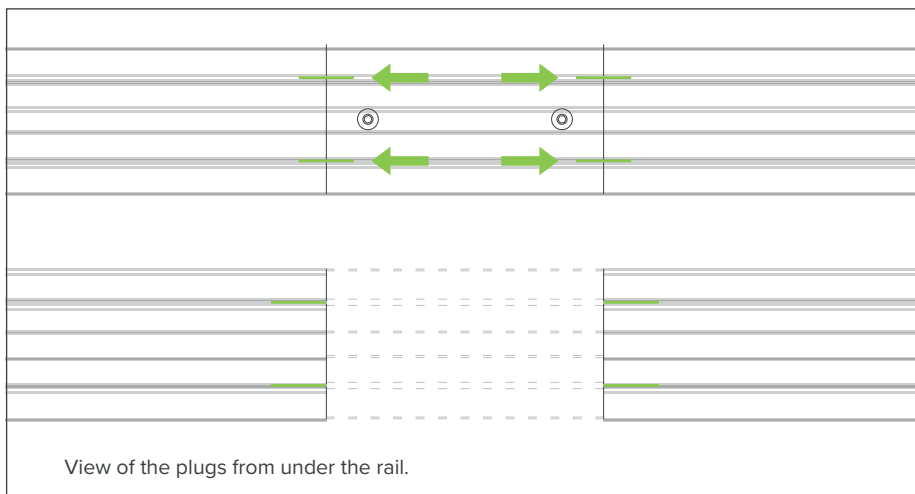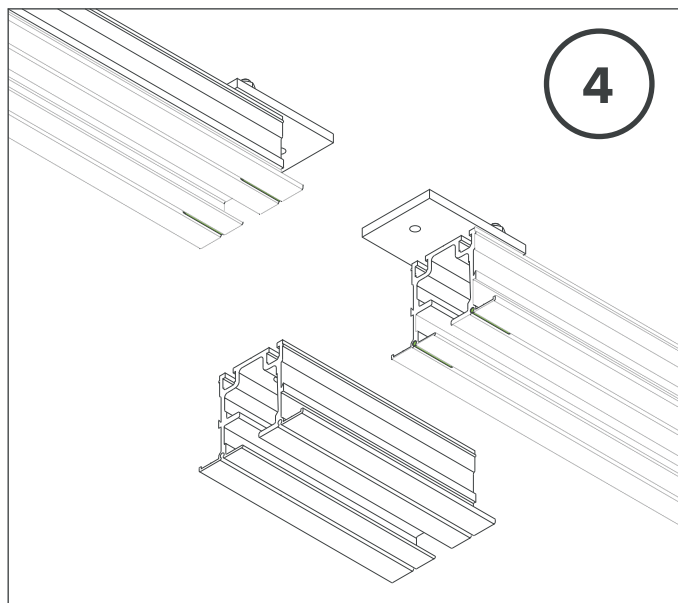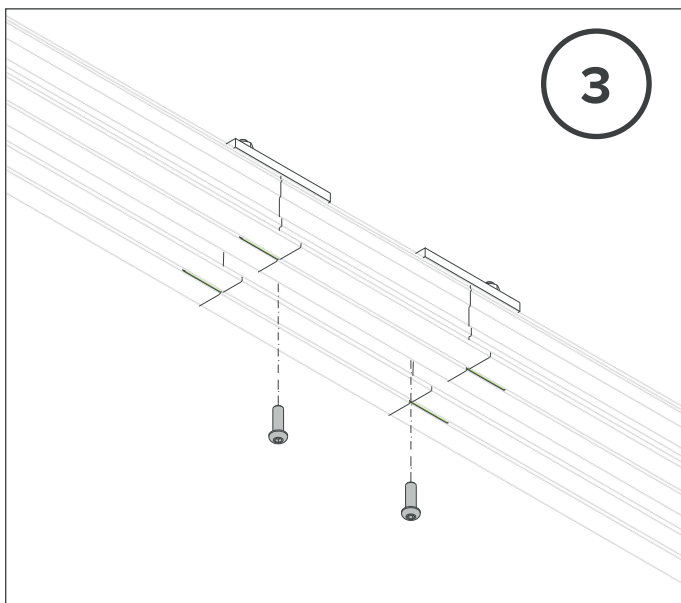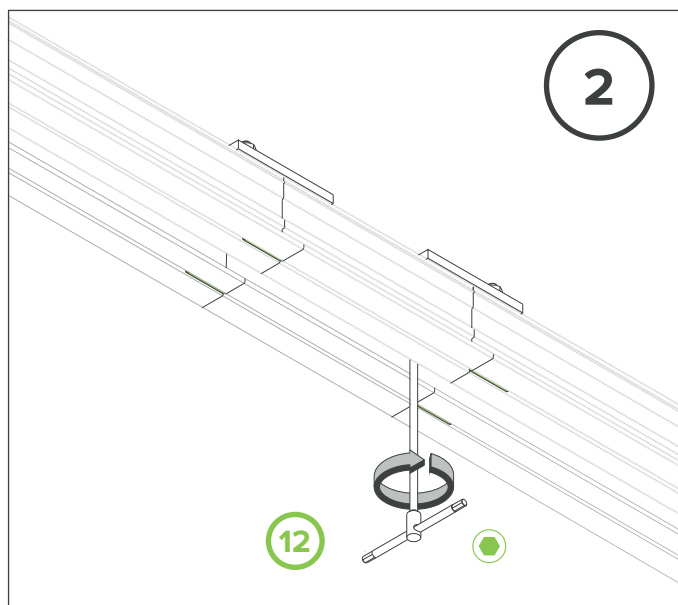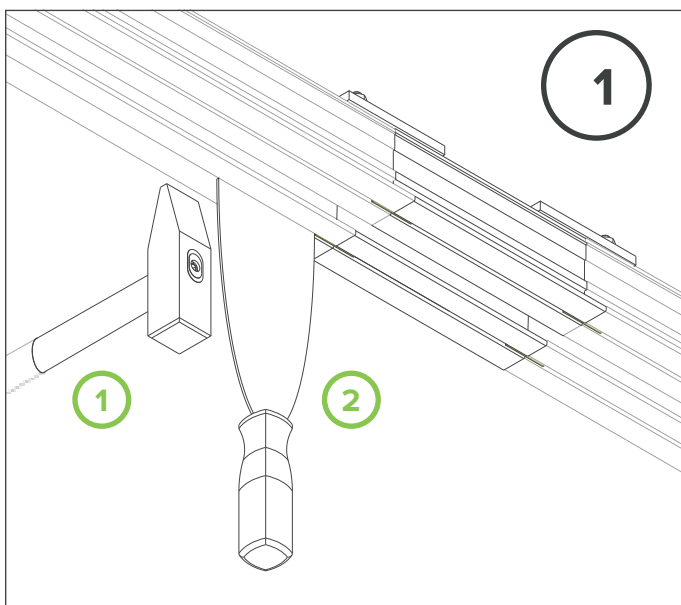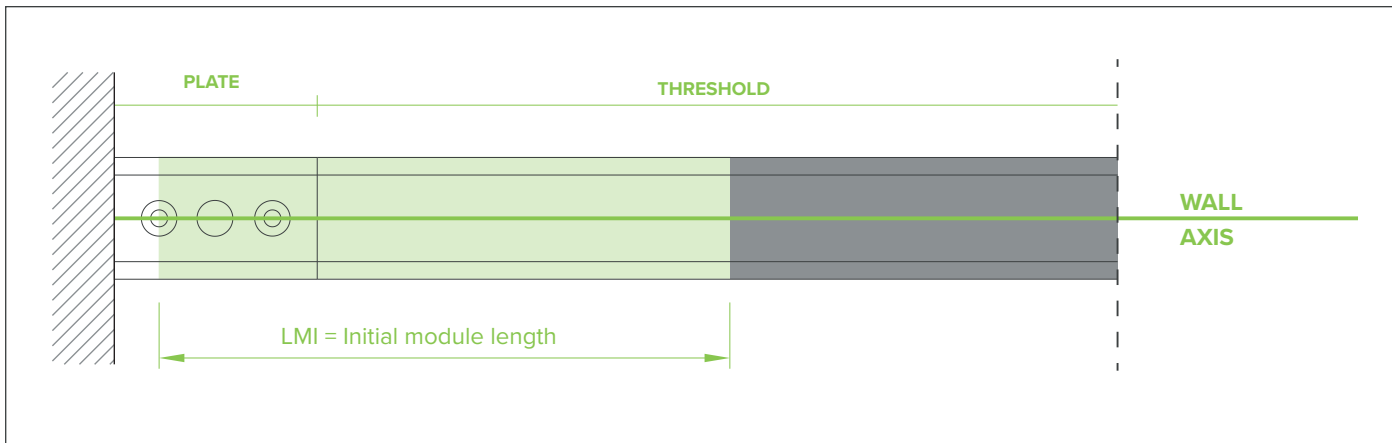
X 1
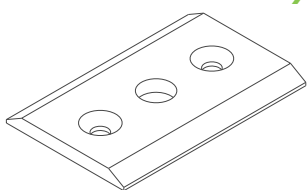
COD.
400015

HARDWARE USED
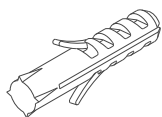
X 2

COD.
04202.0636

X 2

COD.
01207.40045

1

5

WALL AXIS

2

8

3

⊕
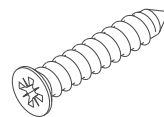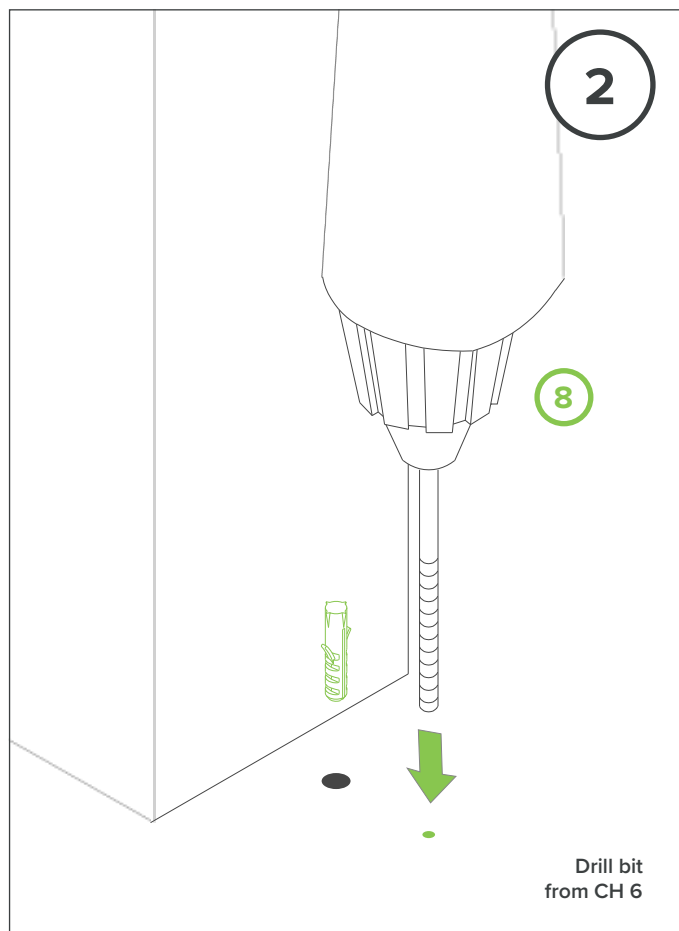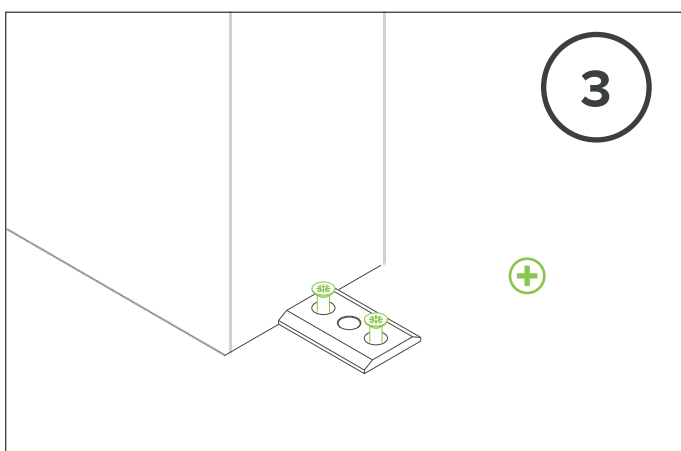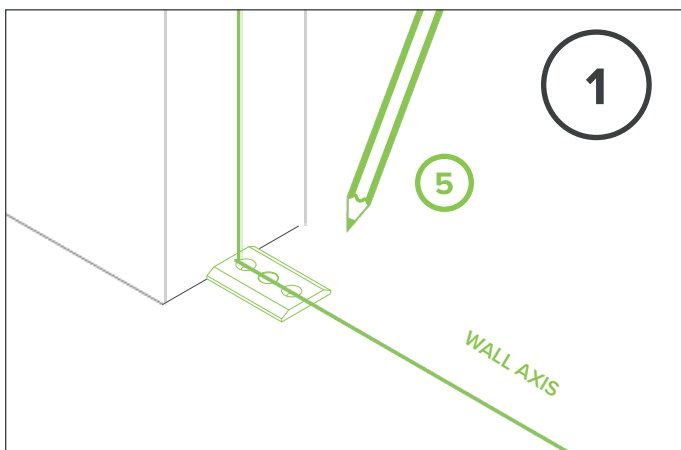
Drill bit
from CH 6

!!! WARNING !!! If underfloor heating present
evaluate depth for holes

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HALF MODULE ASSEMBLY

Insert both beads before mounting the half module.

X 1

COD.
400012

=

=

HARDWARE USED

X 2

COD.
03801.06050

1

2

CARVART®

3

7

4
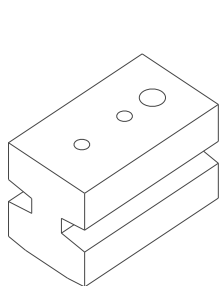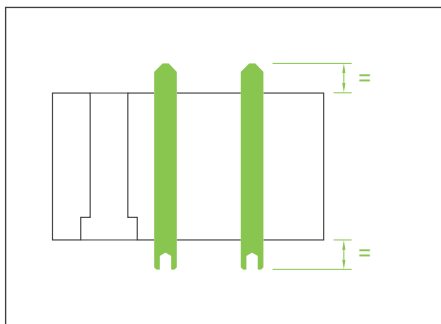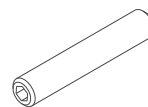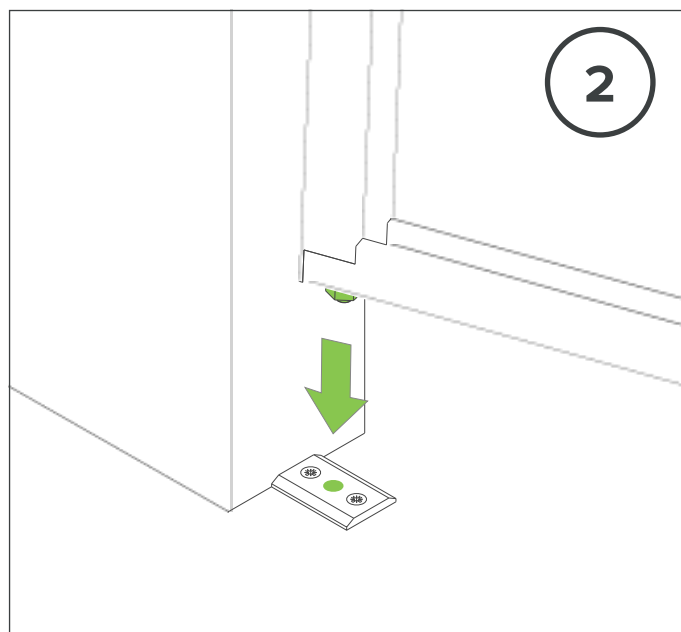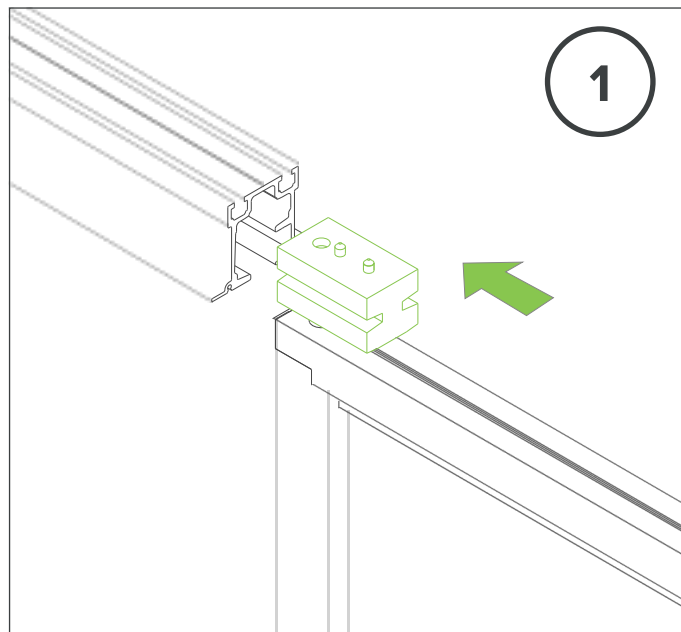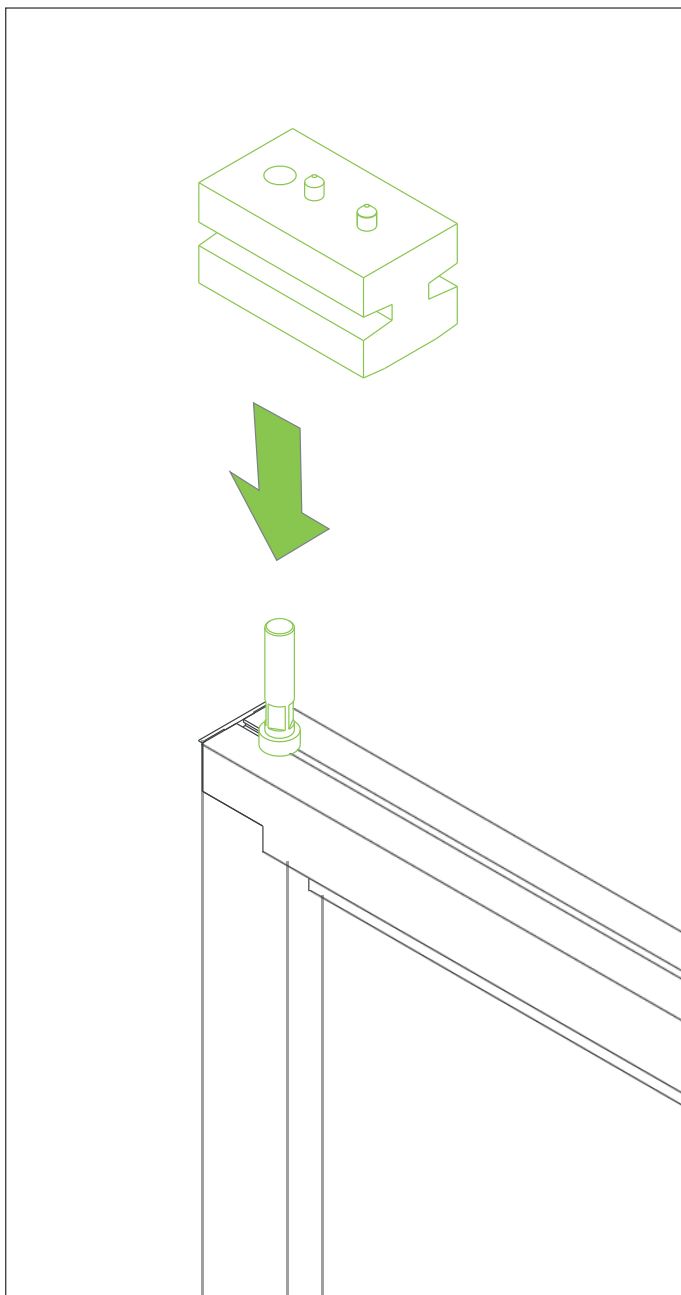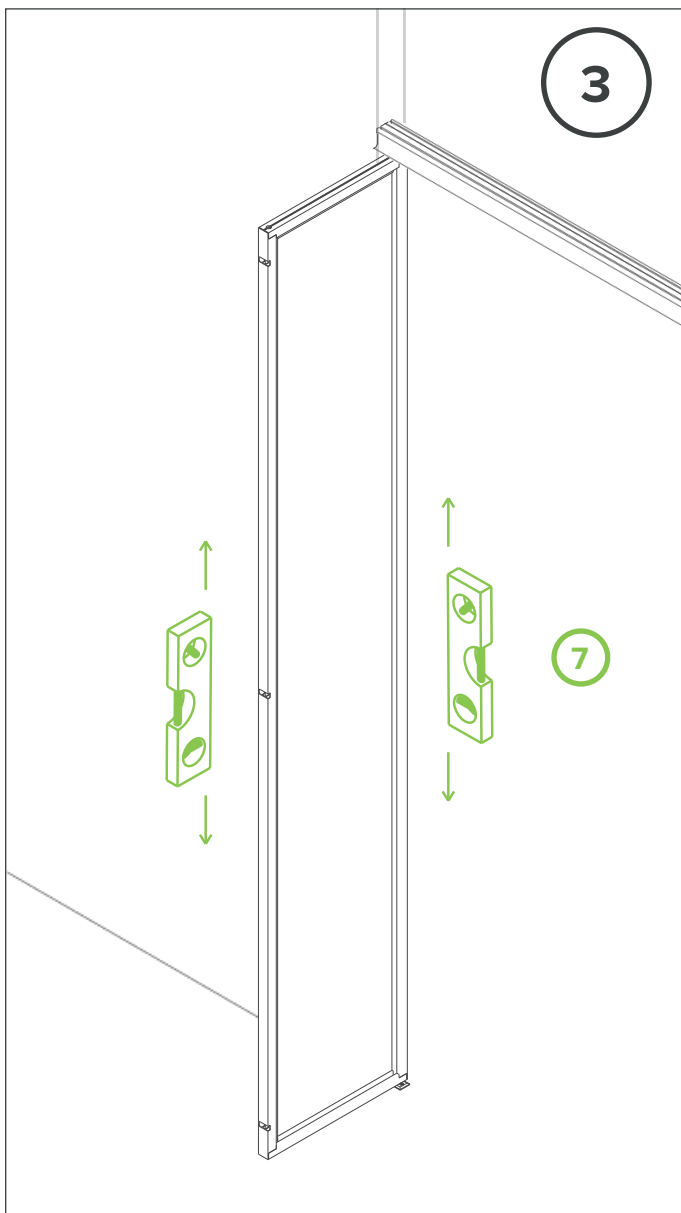
The module must be plumb on both axes in both cases before attaching the block.

5

Conical pointed grain and
key lowered hexagonal
wrench (about 5 mm) so that
you can insert

13

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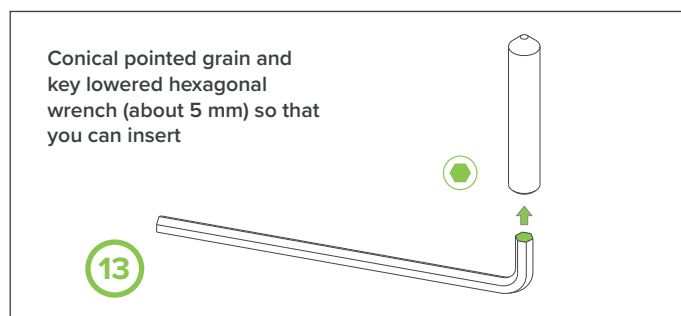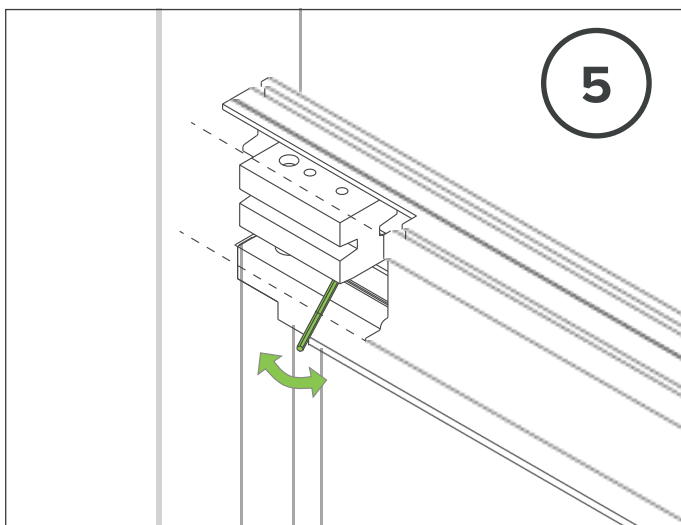
INSERTION STANDARD AND SUBSEQUENT FORMS

Before inserting the modules remember to protect the floor.

1

PROTECT THE FLOOR

2
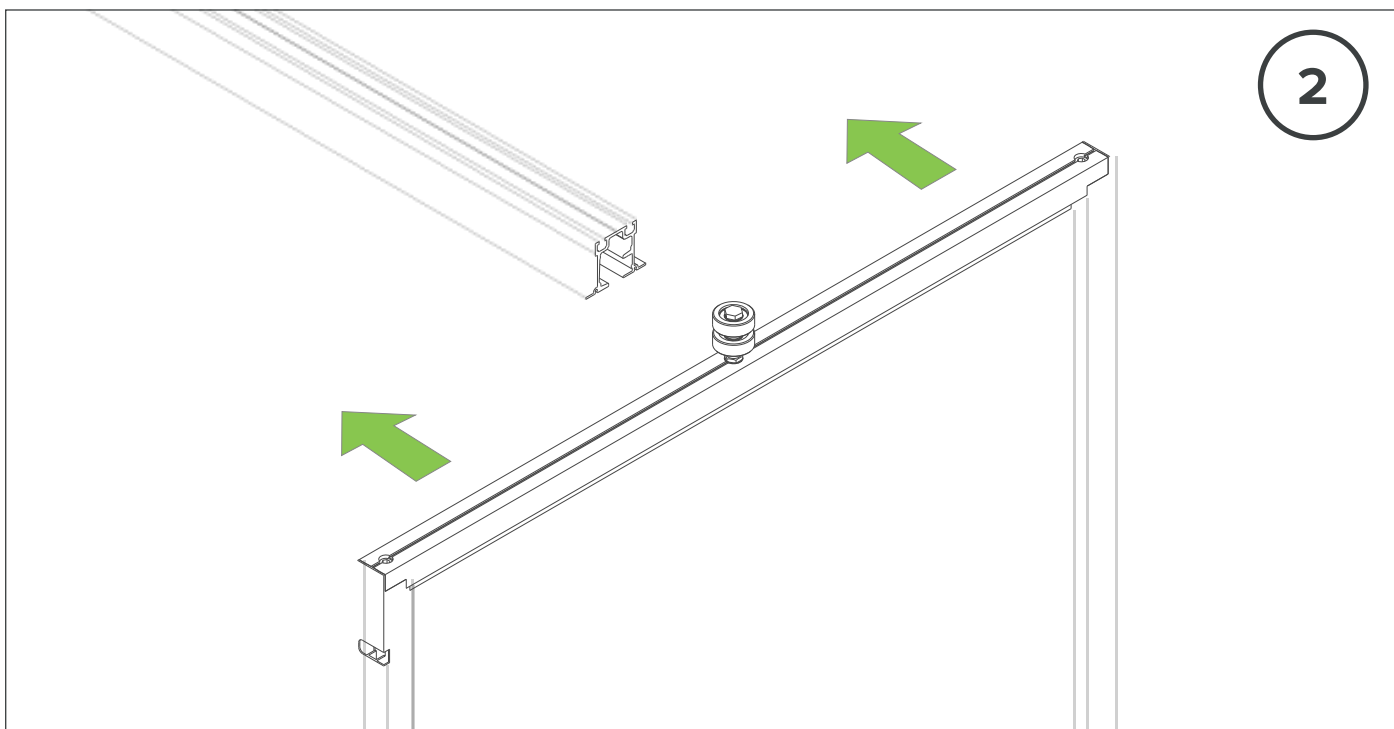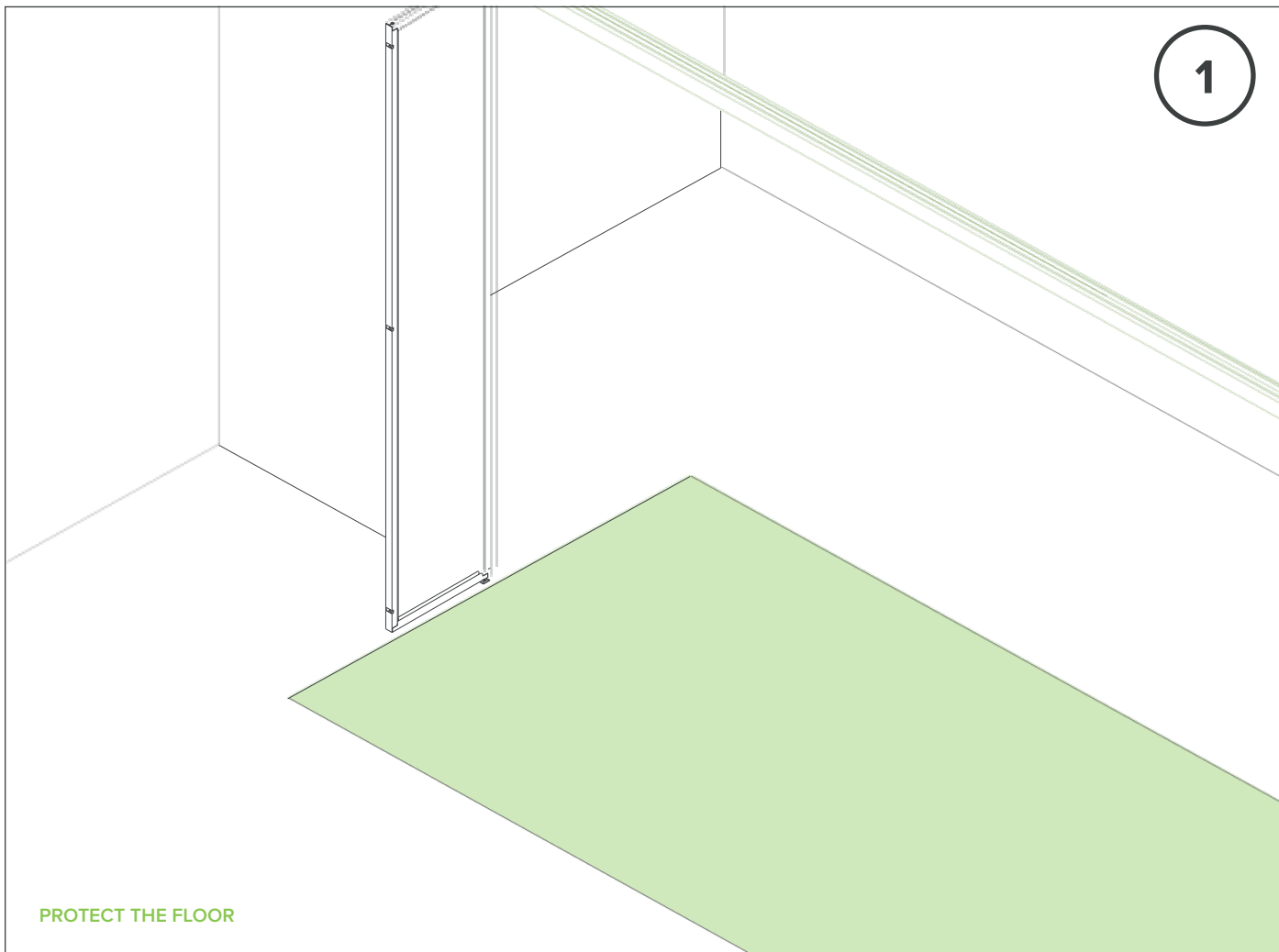
(2)

Check the correct order of entry
on the project and from the
numbers on the forms

1 2→

1 2 3 →

2 ← 3

1 ← 2 → 3
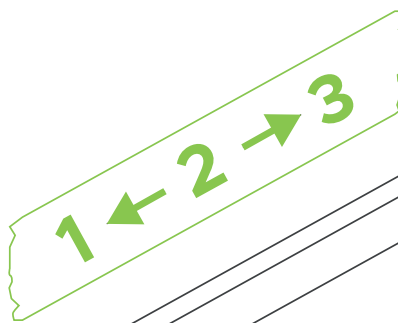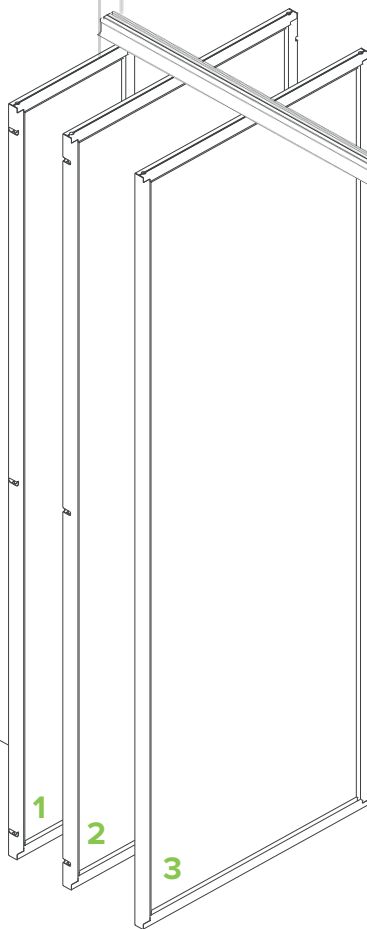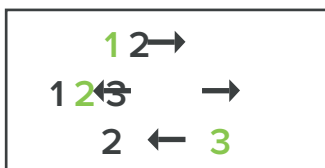
LABEL PRESENT AT THE BOTTOM OF
THE INDIVIDUAL MODULES

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REPOSITION THE DEMOUNTABLE

View of the plugs from under the rail.
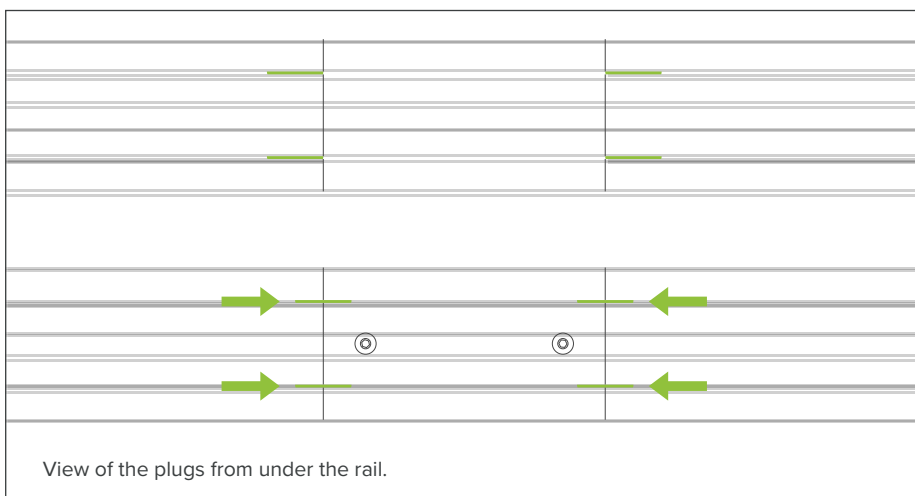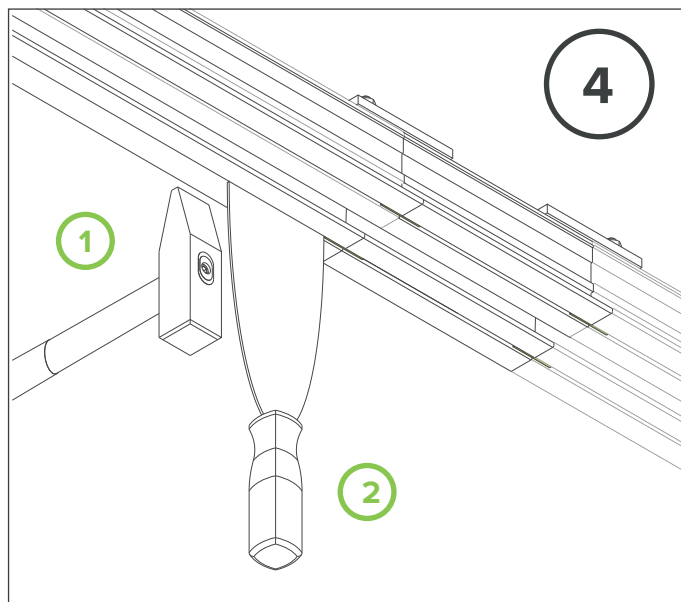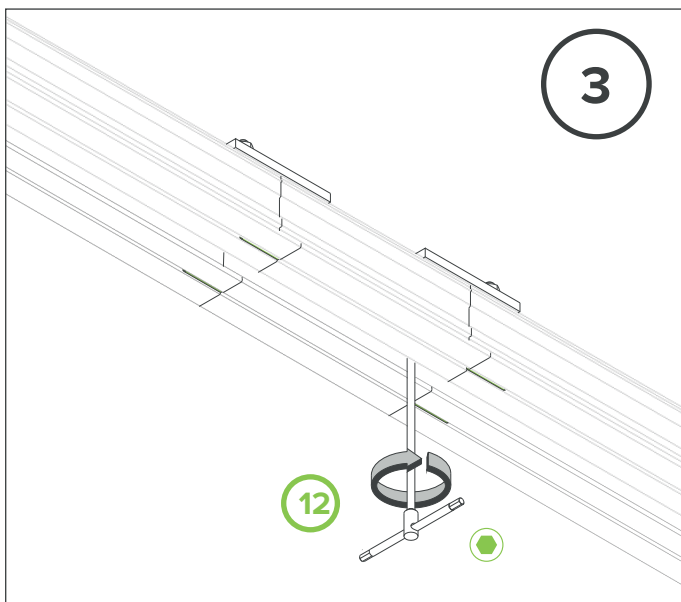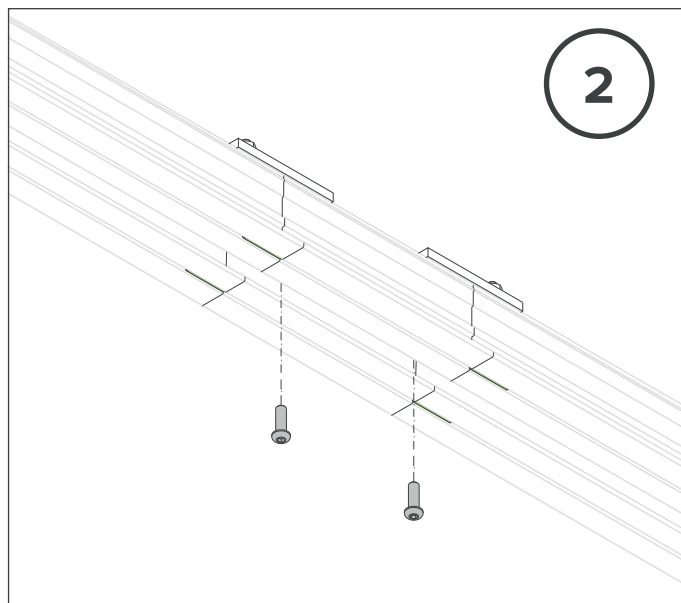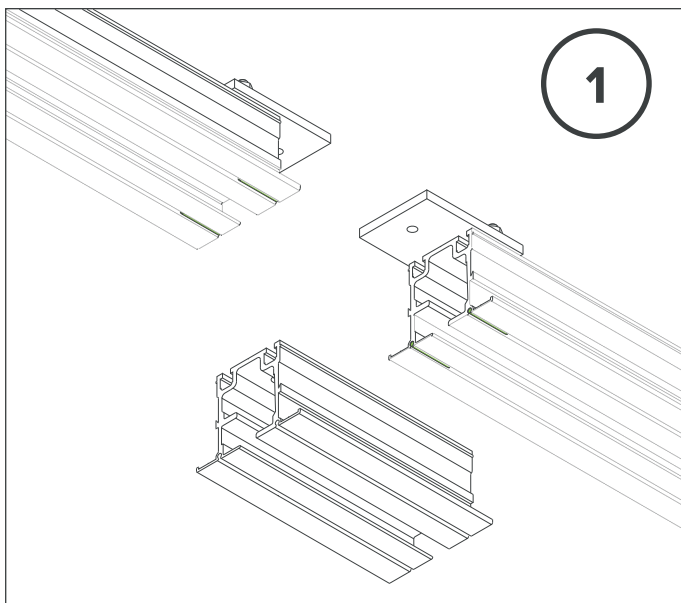
POSITION OF TROLLEYS AND HINGE SLOTS

SLIDE RAIL

10 mm (MANDATORY DIMENSION)

STANDARD MODULE

ALIGNMENT

SLIDE RAIL

GROWER WASHER

COD.
03101.2910

ALIGNMENT
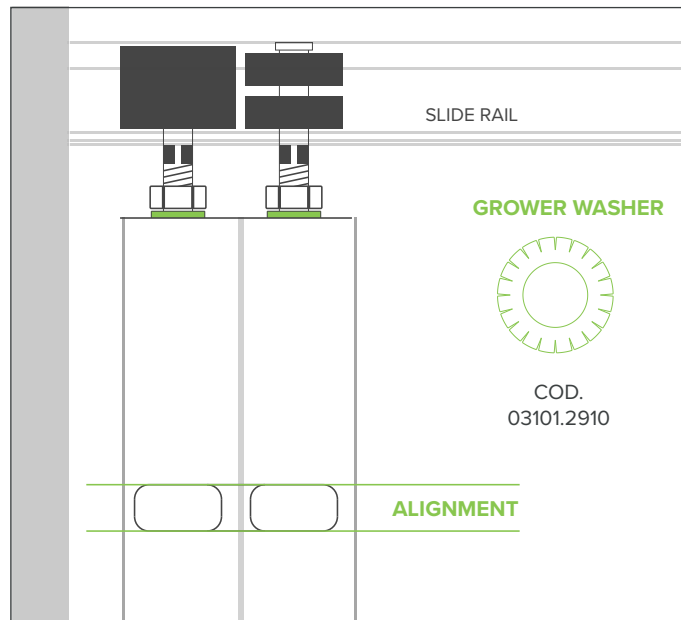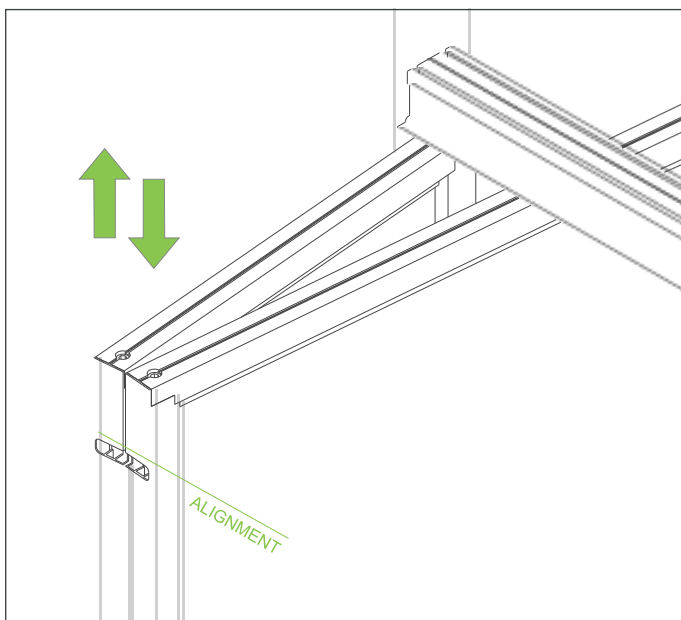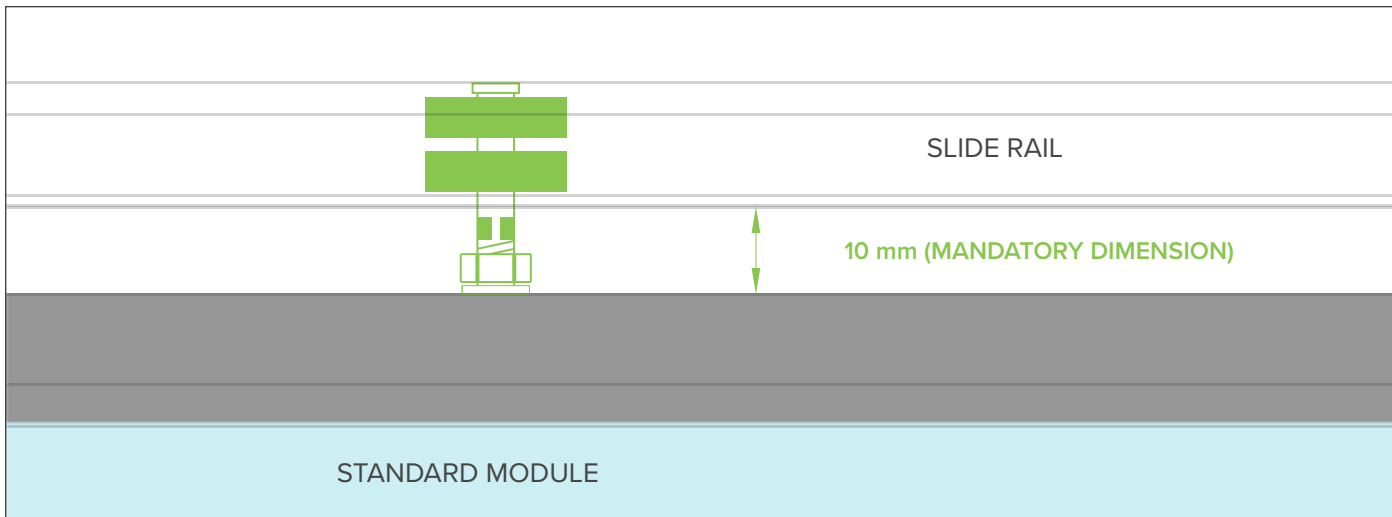
TO ADJUST THE TROLLEY (if necessary)

Remove the carriage locking screw before adjusting.

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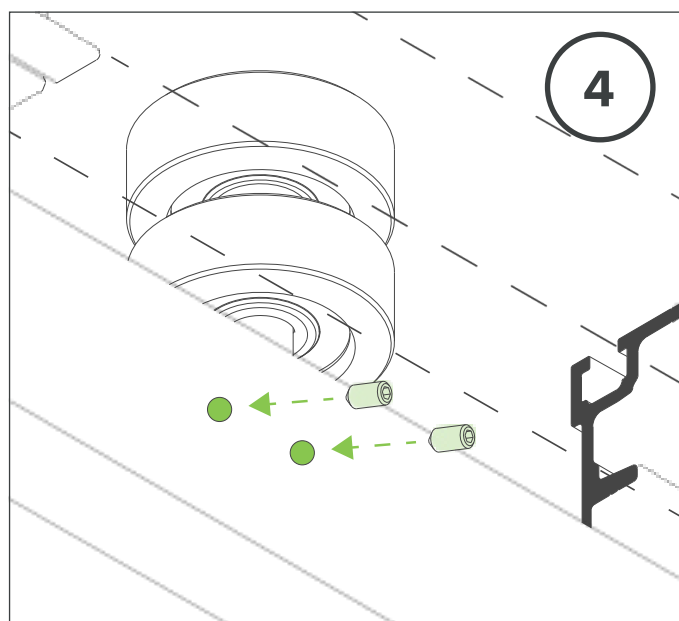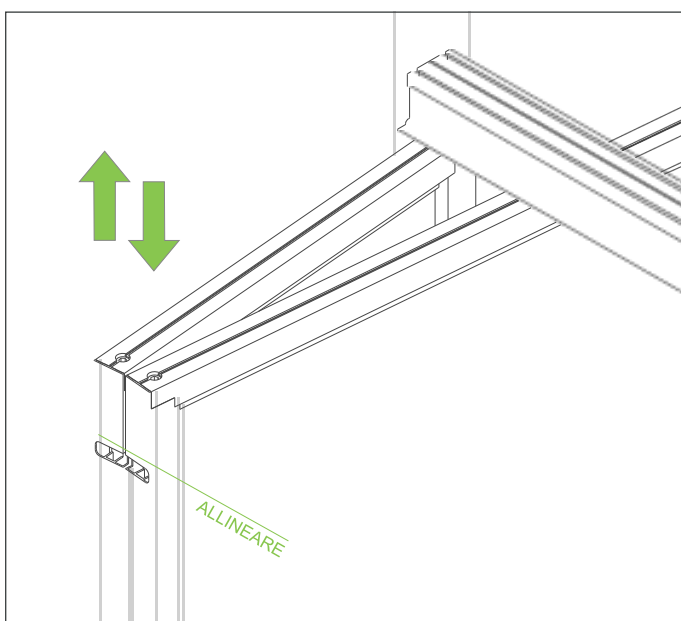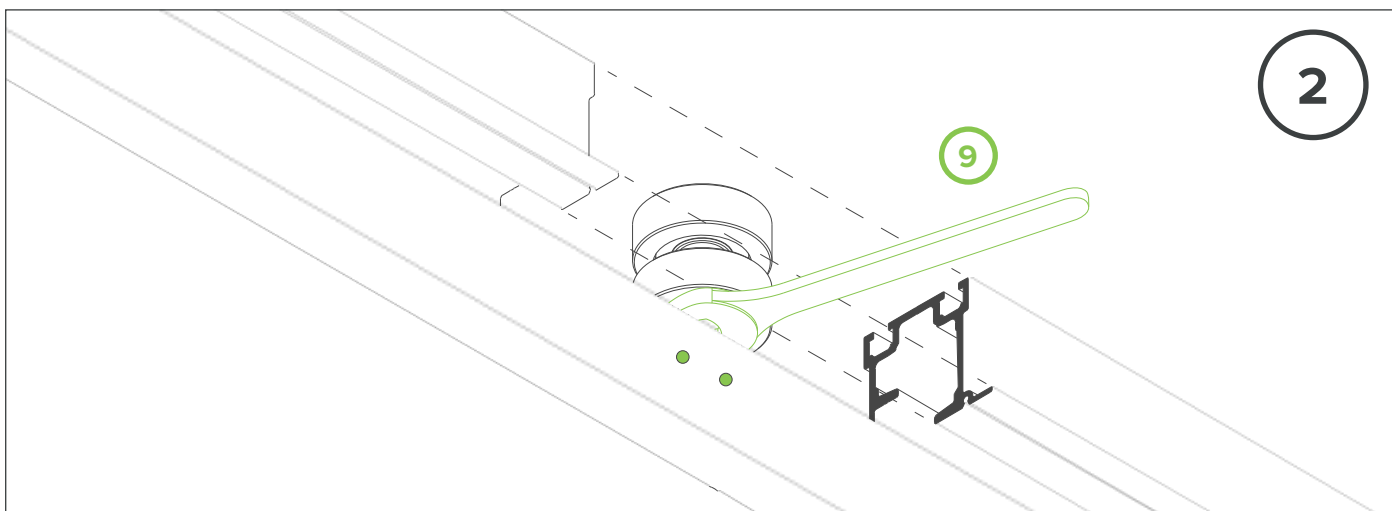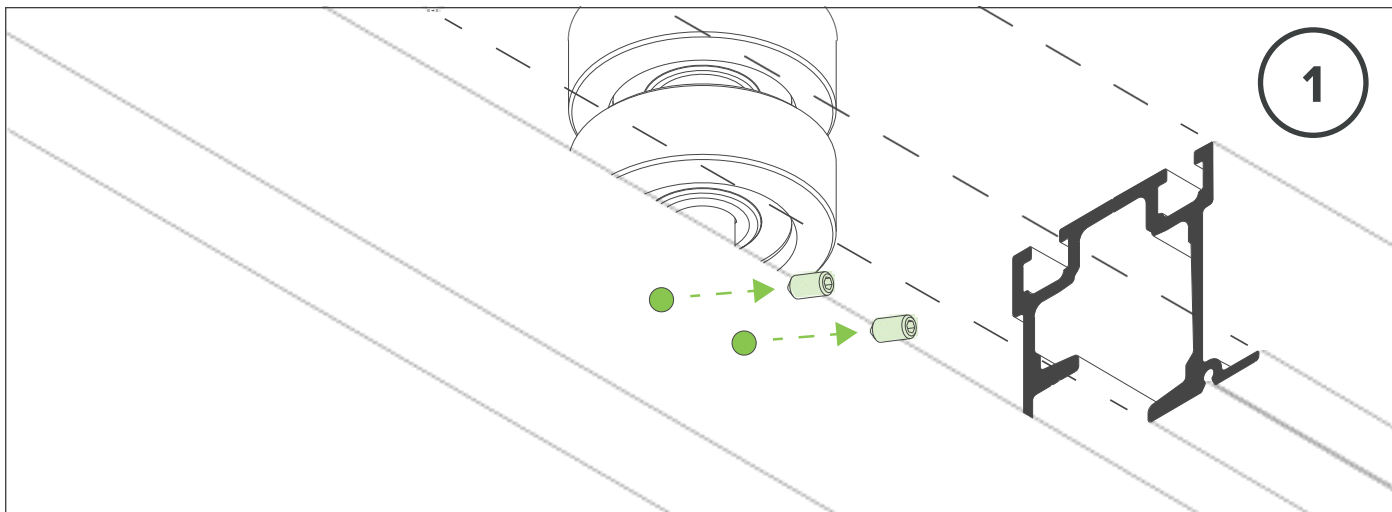
ASSEMBLY OF HINGES

HARDWARE USED
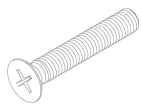
X 6

COD.
01702.05030
01702.5030I
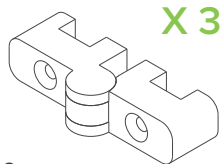
X 3

COD.
400008
400008.1

**CORRECT POSITION
OF HINGES**
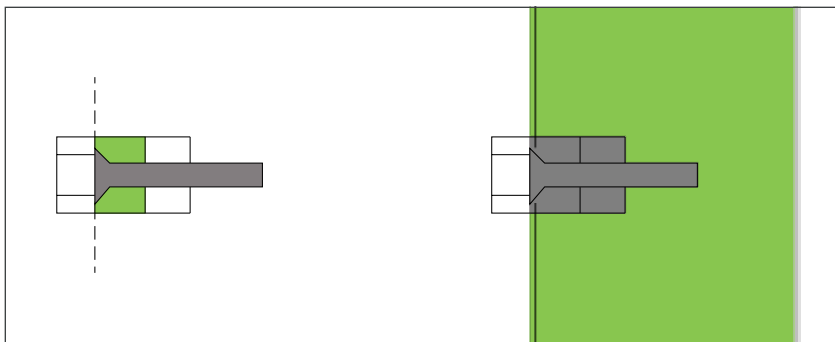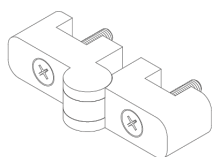
IMPORTANT
THE SCREW MUST BE COPLANAR TO THE HINGE. THE
HINGE MUST BE COPLANAR TO THE PROFILE.

NO

OK

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PROBLEM
RECESSED
HINGE

SOLUTION
Adding
thicknesses

Hinge
thicknesses

COD.
009010.201
009010.202

HINGE THICKNESS = HOLE DEEPNESS

HINGE THICKNESS

15

HOLE DEEPNESS

IF HINGE < OF THE CUTOUT INSERT THICKNESSES EQUAL TO THE DIFFERENCE

CARVART
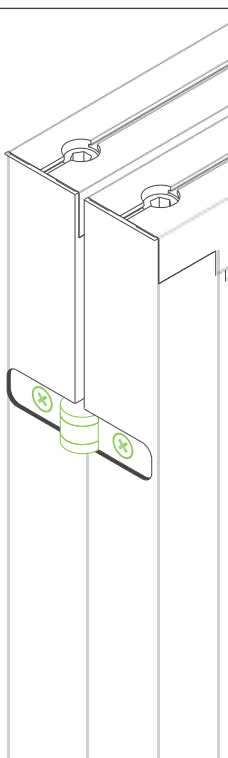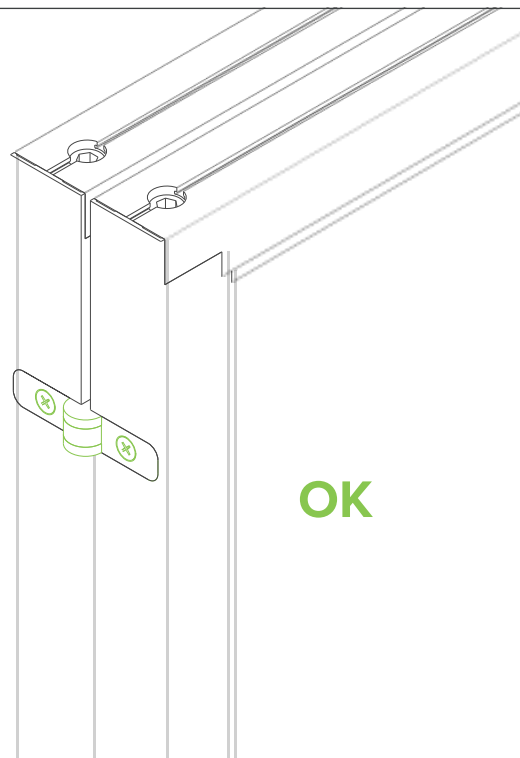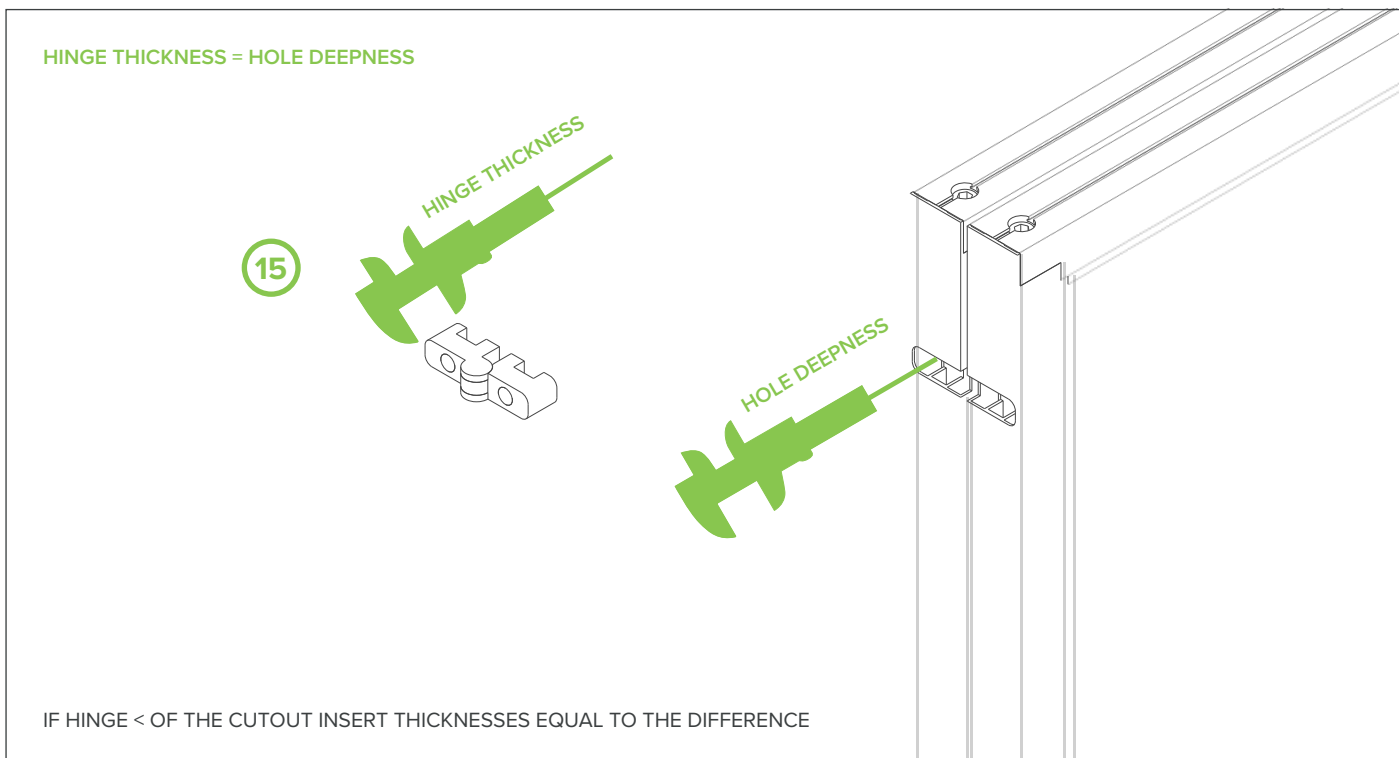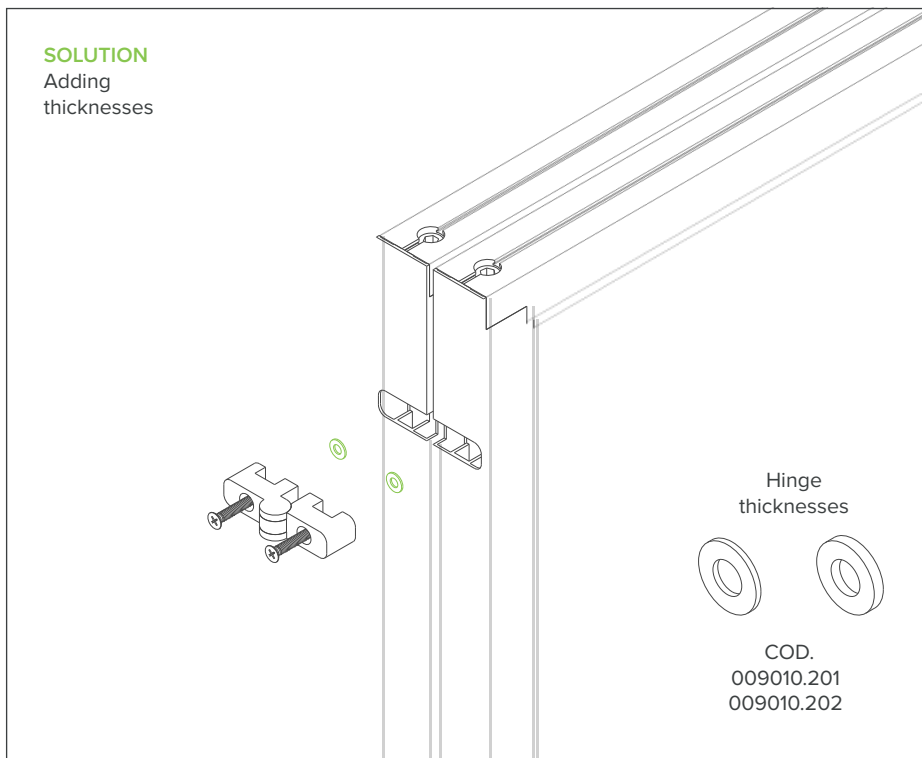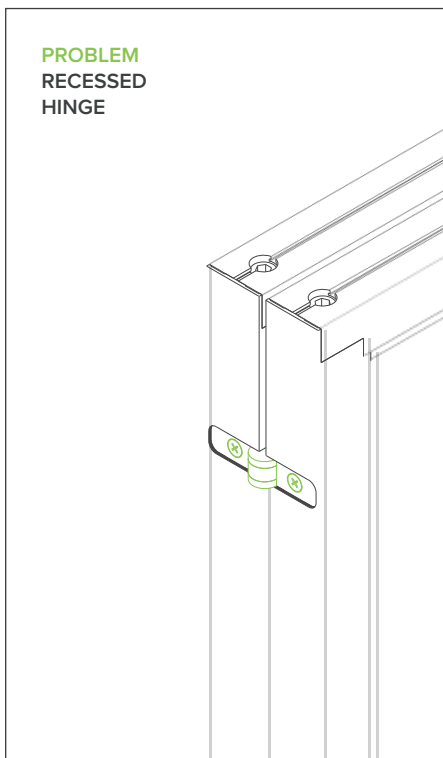
CORRECT REMOVAL OF HINGES

How to remove hinges without ruining profiles.
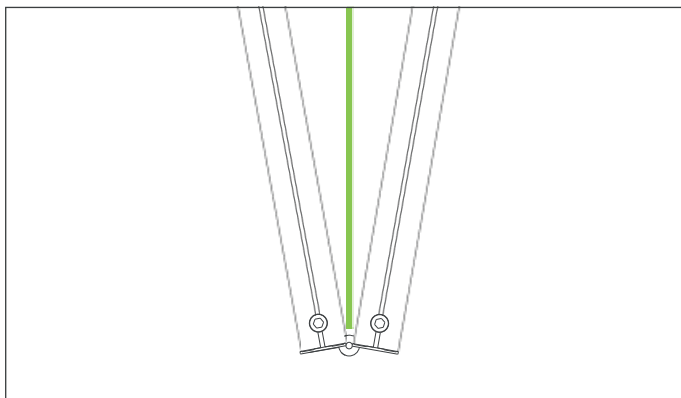
POSITION OF MODULES TOP VIEW
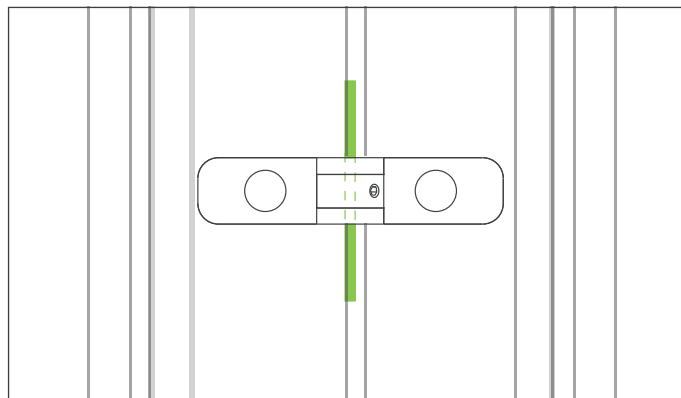
MDF POSITION FRONT VIEW

1

4

21

2

4

21
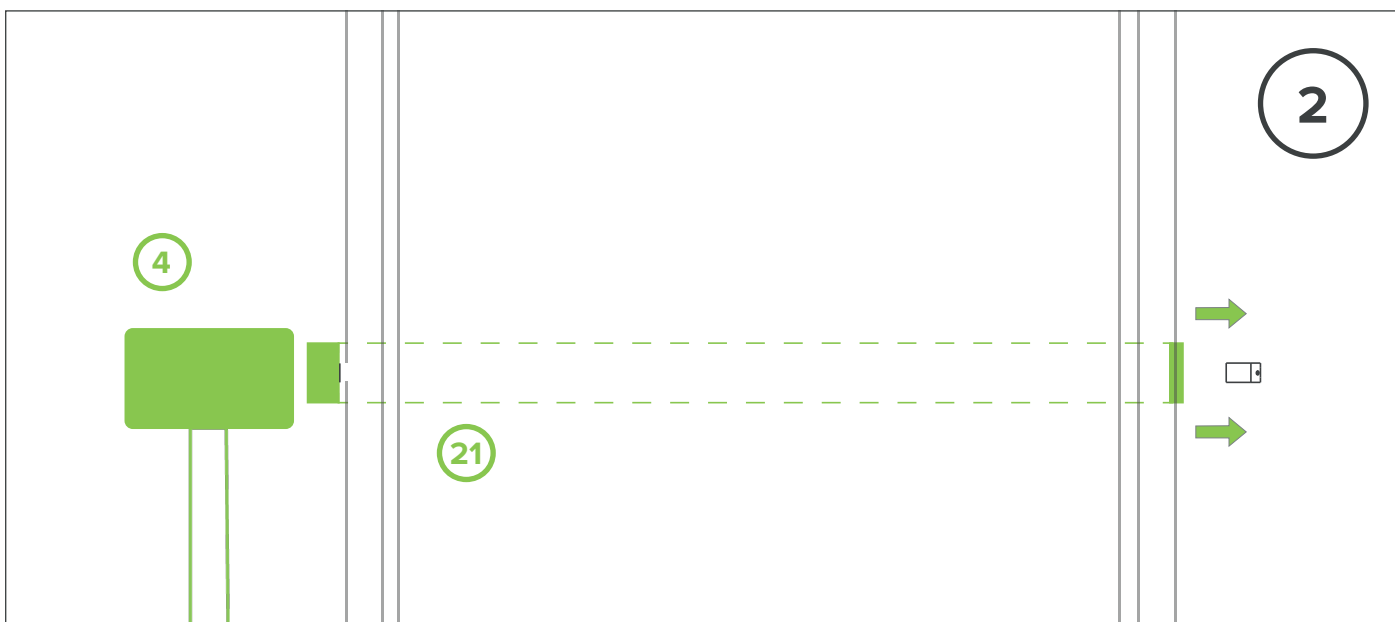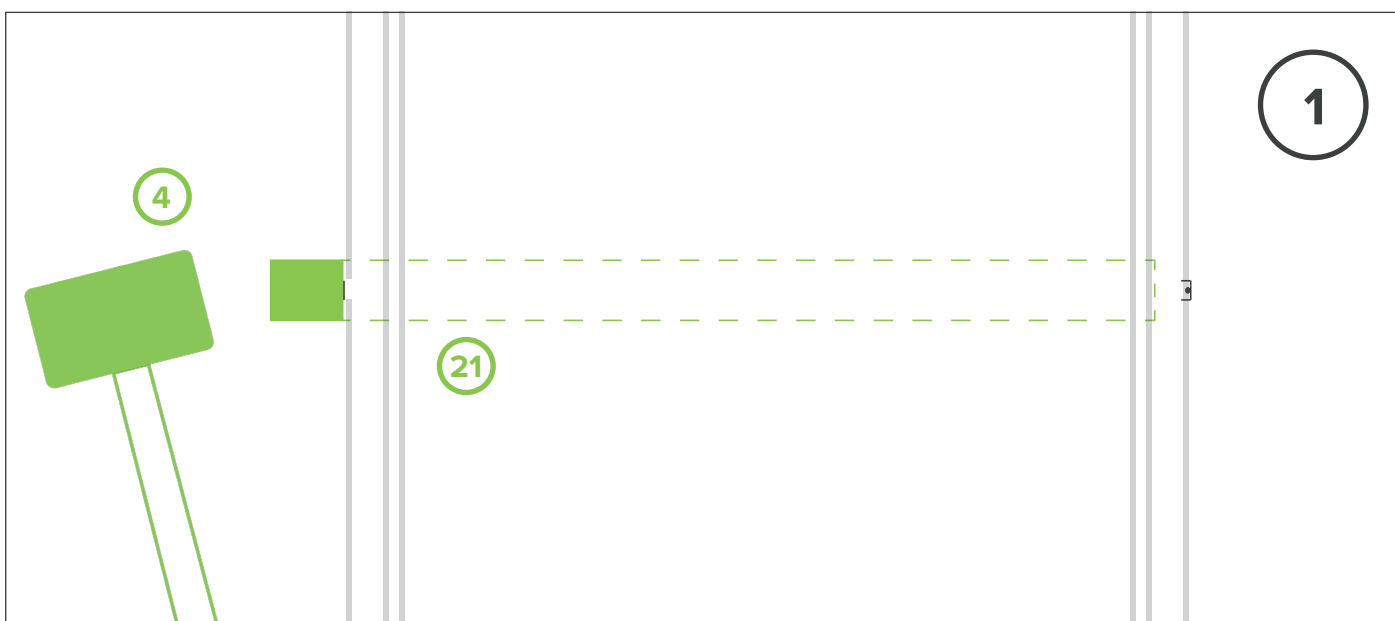
TEST THE CORRECT FUNCTIONING

Once you have finished assembly, check the wall for proper wall distension.

| HALF MODULE | STANDARD MODULE | FINAL MODULE |
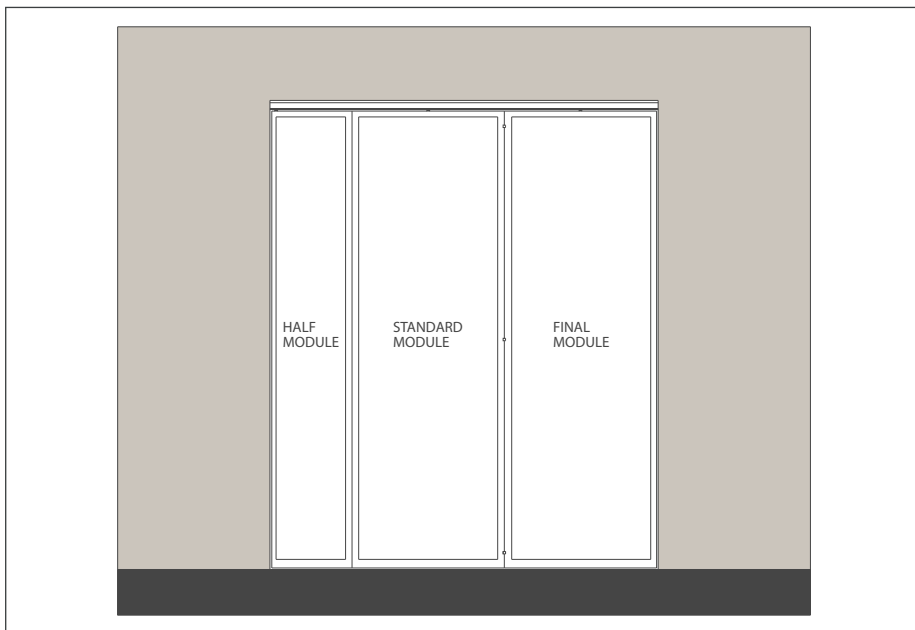
WRONG wall distension

CORRECT distension of the wall

If distension problems occur, check that the hinges are installed correctly. (SEE P. 14-15)

CORRECT POSITION OF HINGES

IMPORTANT
the screw head must be perfectly flush with the hinge, the same goes for the hinge on the profile.

THRESHOLD FIXING

PLATE

THRESHOLD

PLATE

WALL
AXIS

WALL
AXIS

Length for threshold cut

Length for threshold cut
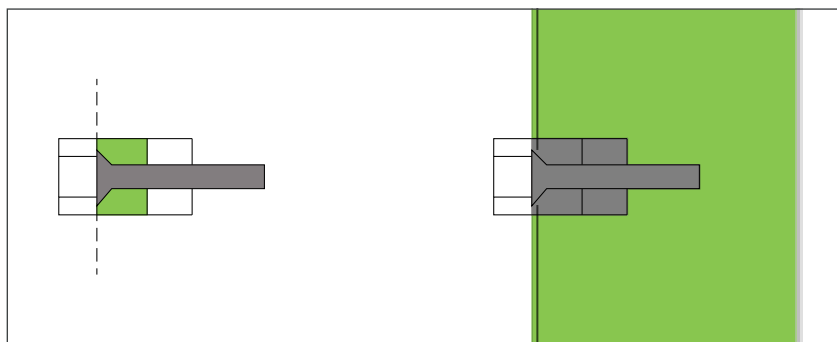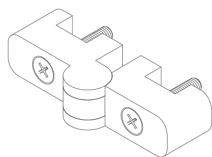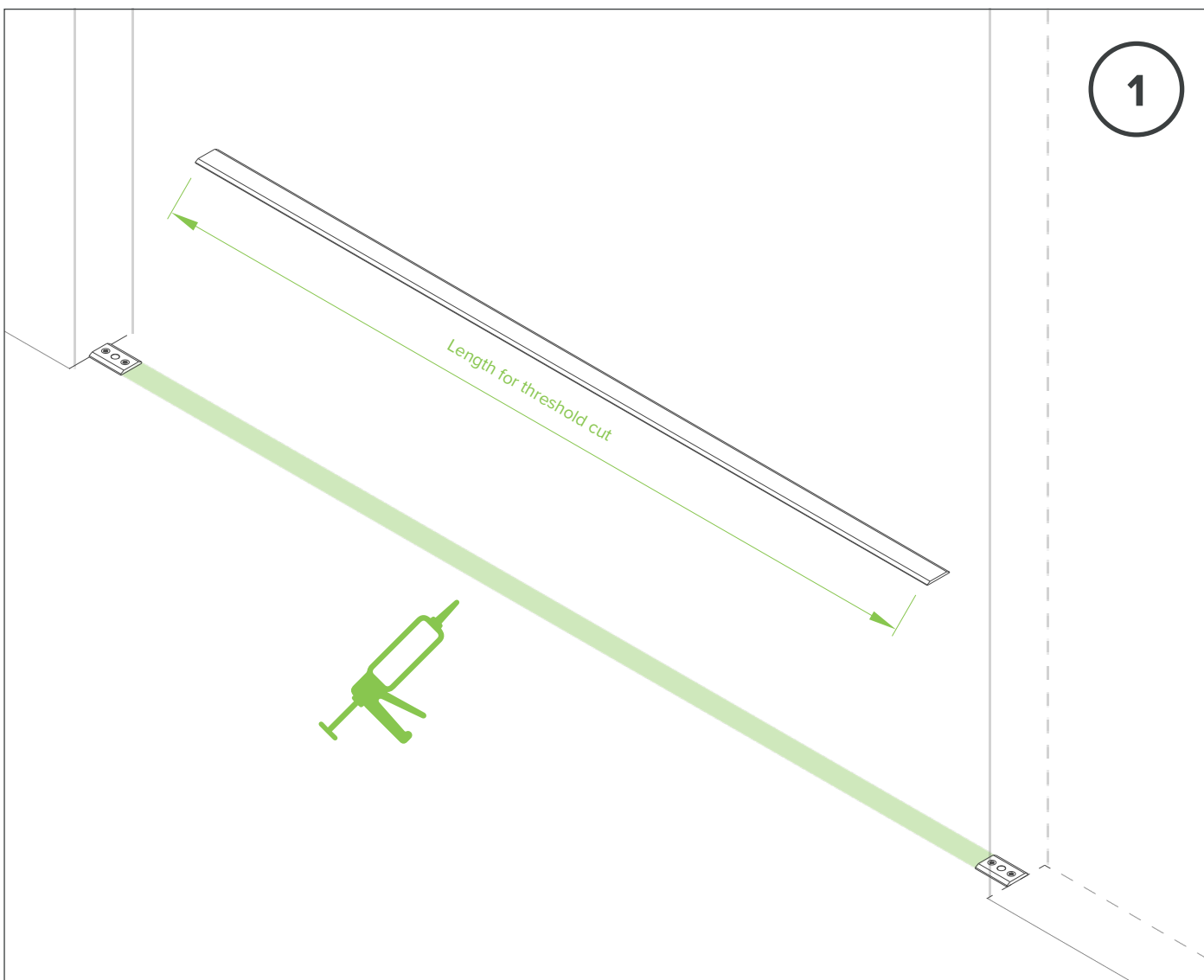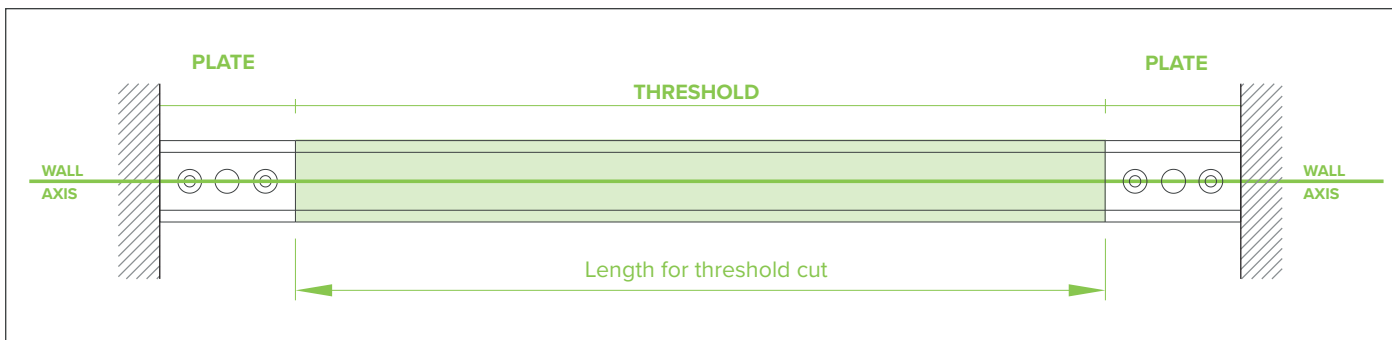
BEFORE PLACING THE THRESHOLD, SPREAD A LAYER OF SILICONE ON THE UNDERSIDE

CARVART

HOLES FOR PIN ON THRESHOLD

!!! WARNING !!!
Wait at least 12 hours before proceeding with the following steps.

1

FIRST STRETCH THE WALL

THEN OPERATE THE PIN

2

FINAL MODULE

5

3

8

Drill bit
from CH 11

4

FINALMODULE
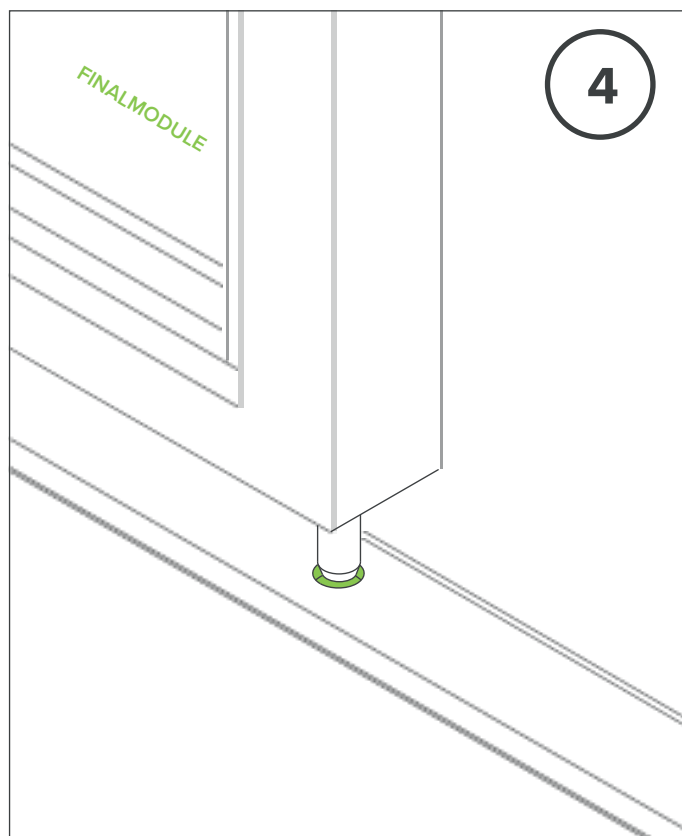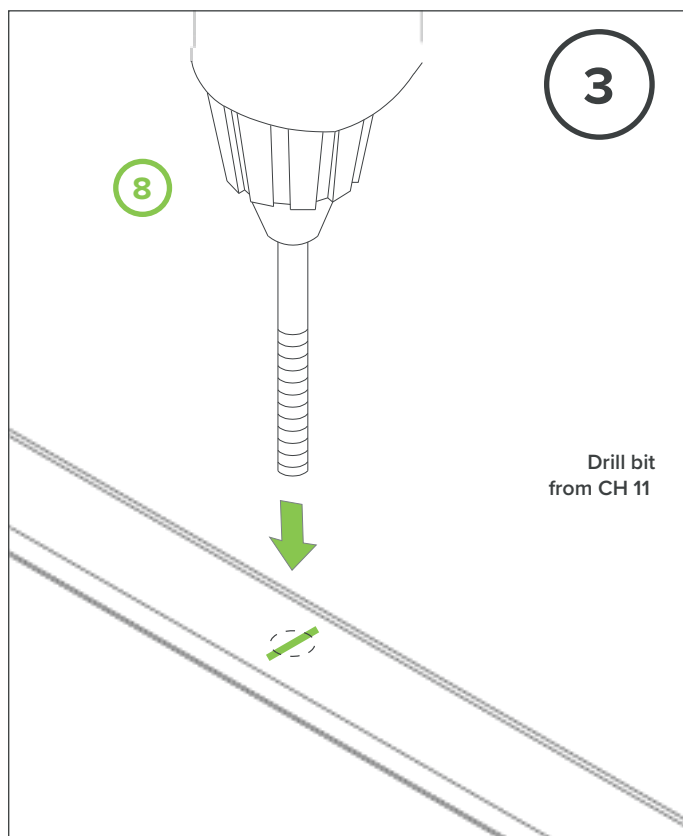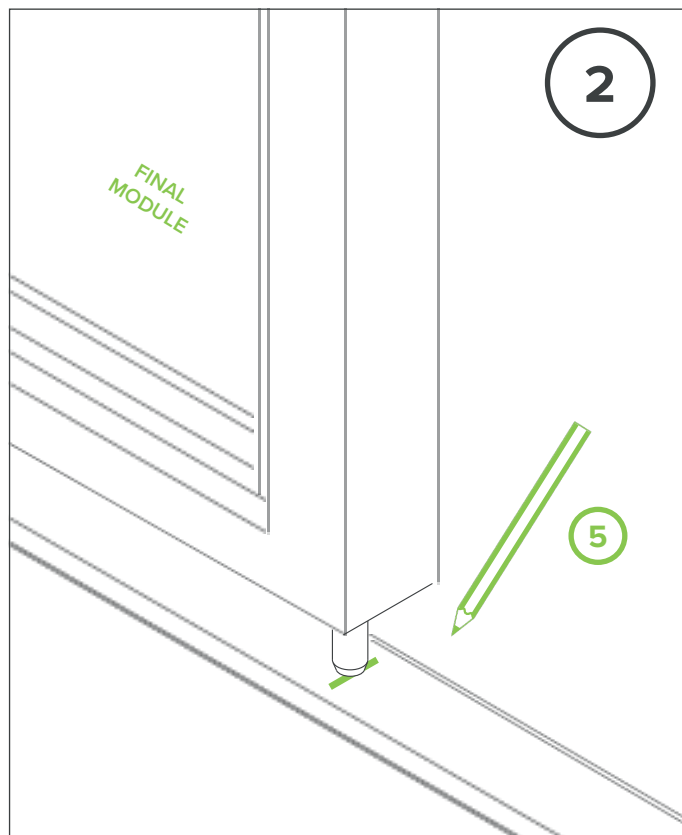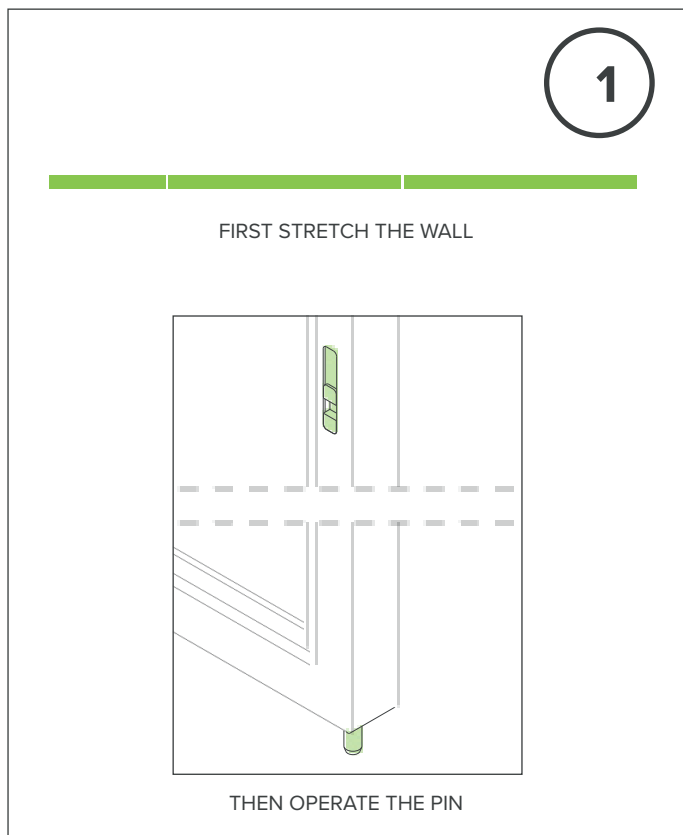
RAIL LUBRICATION

Apply Vaseline at points about one meter apart.
Then by operating the wall, the trolleys will distribute the lubricant within the entire rail.

1 m
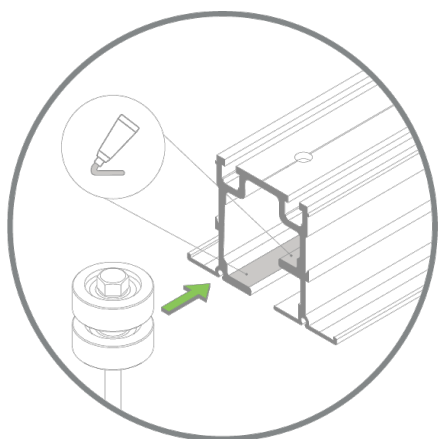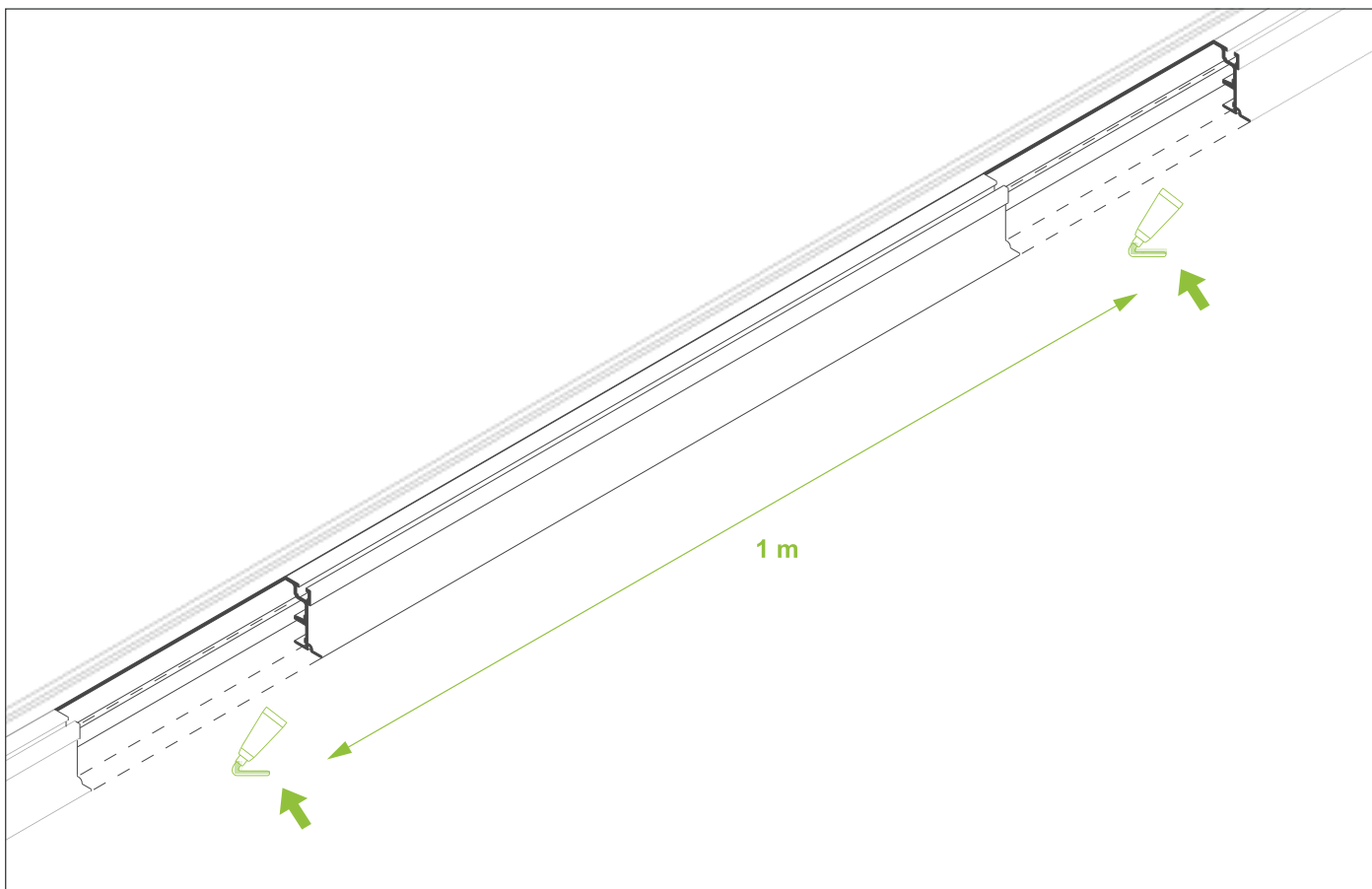
**Rail flaps where to
spread the Vaseline**
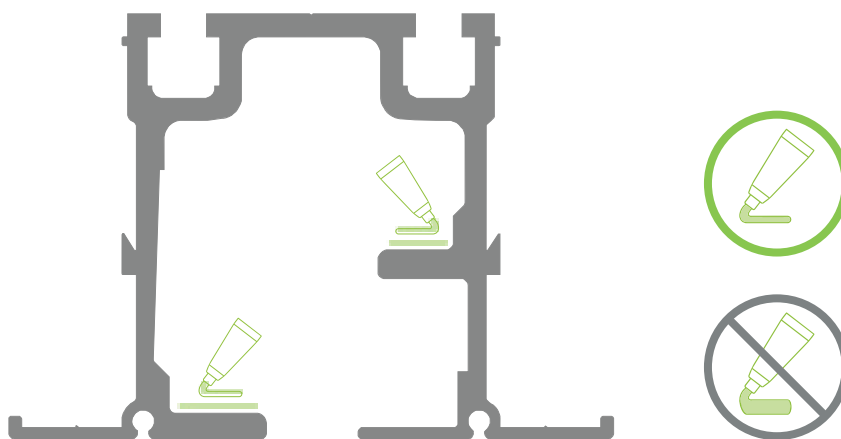
**Section of the slide rail
Where to spread the light layer of Vaseline**

USE AND MAINTENANCE

Before using the wall, read the manual carefully and keep it.
Modules should be handled in the correct sequence.

COMMERCIAL NAME

AURA ZIP the glass aluminum folding partition
typology: folding sliding wall

MATERIALS USED

Description
Folding sliding wall consisting of modules hinged to each other, composed of at least two modules, one of which is always anchored to the slide rail and to the floor; with slide rail only on the ceiling.

Frame
Aluminum frame, anodized 10-micron thick, powder-coated or liquid-coated according to the chosen color.

Glass
Laminated glass 44.1.

Panel
Chipboard panel, 16 mm thick, density 720 kg/sqm, CE, Fire Resistance Class B-s1, d0, Formaldehyde Emission Class E1, VOC free, inserted into the aluminum frame.

Slide rails
The rails are ceiling-mounted only and are made of aluminum painted white RAL 9010 20/30 Gloss.

FINISHES

Frame
- Silver or champagne oxidized aluminum
- Painted RAL matte or metallic
- Painted in any RAL or NCS color

Glass
Float, extra-clear, satin-finished white, milk white, colored PVB, bronze, acid-etched bronze, reflective bronze, smoked, acid-etched smoked, reflective smoked, flute, fabric or wire mesh laminated glass.

Panel
- Covered in CPL White, Ivory, Gray
- HPL Colours series
- HPL wood veneer series
- Coated in laminate Polaris series
- HPL coated in Blackboard series
- Covered in HPL magnetic and writable
- Lacquered coating 20/30 gloss

Components
Burnished steel
Niploy

PRECAUTIONS FOR USE

Avoid improper and inappropriate uses of the product. Any tampering or installation not in accordance with the manufacturer's instructions could compromise product compliance.

CLEANING AND MAINTENANCE

For perfect maintenance and operation of the product, it is necessary to properly clean the maneuverable wall. Since this is a furniture complement, we recommend the use of products for the home environment, specific to the finishes.

SLIDE RAIL
To clean the rail, use products specifically for aluminum. To maintain perfect sliding of the modules, it is advisable to put a light coat of Vaseline on the two fins of the rail, at least once a year.

PROFILES
When cleaning aluminum profiles, use products specifically for aluminum. Do not use solvents or abrasive pastes as they may cause them to lose their shine or be irreparably damaged. Aluminum profiles should not be subjected to shocks or blows: incorrect use of the maneuverable wall can cause aluminum profiles to deform, reducing their handling performance.

PANELS
For cleaning CPL and HPL surfaces, use furniture-specific neutral products, while for veneer use wood-specific neutral products. For lacquered surfaces, use clean, dry cloths. Infill panels should remain away from moisture.

GLASSES
Use glass-specific products to clean glass, and it is important to keep glass dry at all times.

(a) Handling from storage area to lying wall

1. Stand in front of the packed wall, hug the package and slide the modules.
2. To complete the handling, press on the fold of the profiles without visible hinges or press on the outer profile of the final module.
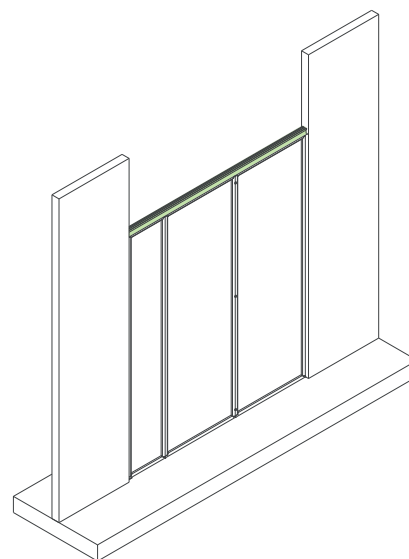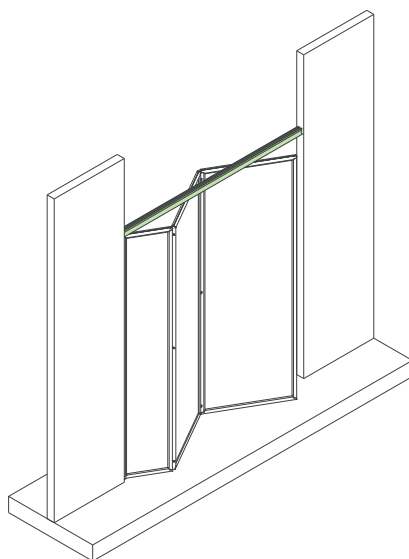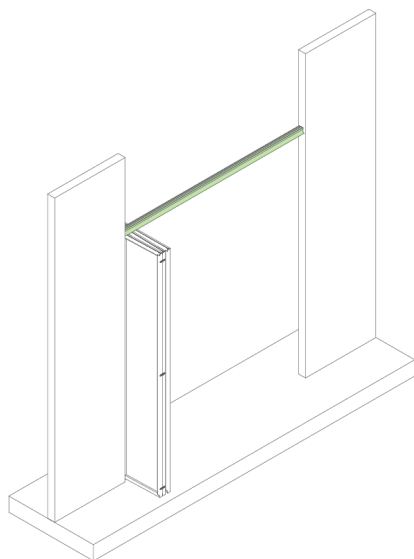
(b) Movement from lying wall to storage area

1. Stand facing the wall, depending on which side you are on, push on the center hinge.
2. Partially folded the wall, stand frontally and push the wall toward the storage area until the modules touch each other.

HINGE SIDE
MOVEMENT

DETAIL
GROUND STUD
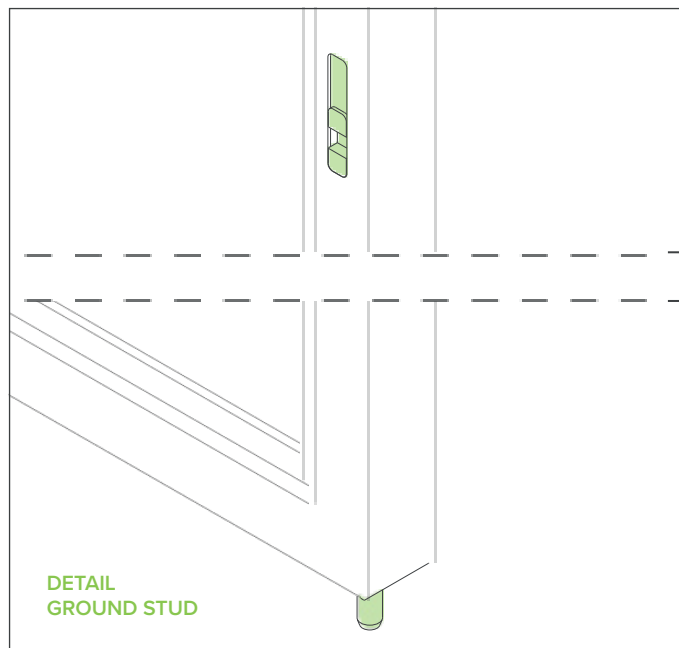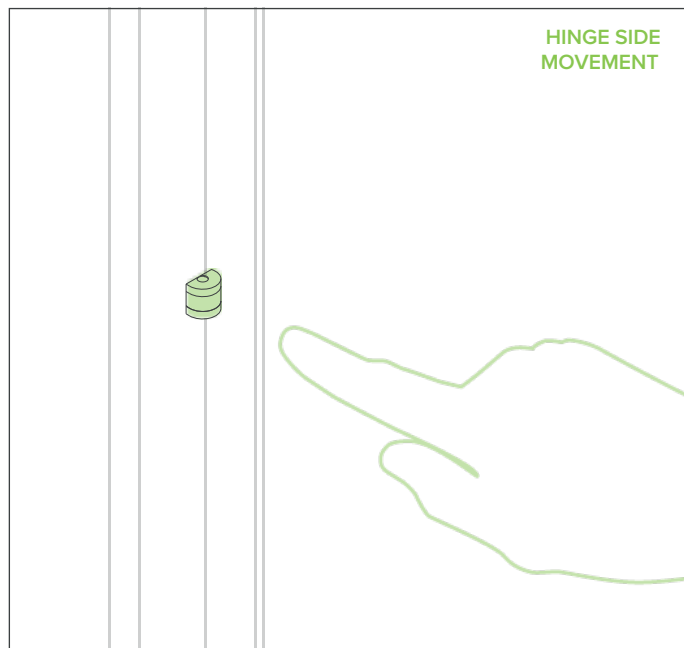
INSTALLATION, USE AND MAINTENANCE MANUAL - AURA ZIP

EN

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