

Installation manual

BENE-FIT XL

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1. General provisions

The person carrying out the installation, dismantling, maintenance or commissioning of the door must read, understand and follow this manual.

In case of doubt, always contact the SBI Group.

To avoid serious personal injury, read this manual carefully and follow all directions and warnings contained herein.

- This manual describes the assembly, disassembly and maintenance of Bene-fit XL domestic sectional doors.
- This manual can be supplemented by other manuals such as the Electric Motor User Manual (when necessary).
- The Bene-fit XL home garage door is designed according to the latest European standards.
- However, it should be checked whether this standard meets the local government standard.
- All dimensions are in millimetres except where another unit of measurement is indicated.
- After installation, ensure that the "CE label" is completed and affixed.
- Keep this manual in a safe place near your home garage door.
- We reserve the right to make technical changes without written notice.

1.1. Safety rules for installation, maintenance and first use

- The Bene-fit XL home garage door must be installed and commissioned by qualified personnel.

- Ensure that electrical devices used during installation are switched off and remain switched off during times when their use is not required

- Do not block security mechanisms!
- Adding parts or changing the components that make up the Bene-fit XL home garage door will cause it to malfunction - for this reason, we strongly advise you not to resort to such improvisations.
- Some parts have sharp edges and ends: use protective gloves.
- All photographs and sketches show components viewed from the inside unless otherwise noted.
- Never use Bene-fit XL home doors in cases where there is visible damage to the cables, locks or security mechanisms.
- When installing or maintaining the door, always wear at least protective gloves, boots and goggles for all drilling or cutting activities!

- Make sure you have a secure work environment that won't get in the way of it happening.
- Tape off the perimeter where the door is being installed to keep non-team members out.
- Maintenance should only be performed by a qualified company and/or qualified personnel.
- Always use the right tools.

2. Terms

Our general terms of delivery and payment apply to all our offers and to any future agreements or revisions.

A copy of our terms is available on request or can be downloaded from our site: <https://sbigaragedoors.co.uk/>

We reserve the right to make technical changes without prior notice.

3. Purpose of the Bene-Fit XL home sectional garage door

It was developed for closing garages at home:

- Maximum width 3200 mm.
- Maximum height 2500 mm.
- Maximum door weight 100 kg.
- Operating temperature*: from -20 °C to + 50 °C.
- Relative humidity: 20-90%.
- Service life: 20,000 cycles.

* Large differences between the temperature inside and outside the room could cause the panel to deform.

Dark-colored panels are particularly sensitive in this regard and should be avoided in such cases.

During the manual opening and closing of the door, it is important to handle the panels carefully so as not to damage them.

4. Declarations of Conformity

As a result of the analyzes carried out, the door has a certificate of conformity according to the standard SREN13241-1:2005 "Doors for industrial, commercial and domestic use. Products that do not own fire resistant and smoke resistant characteristics". Analyzes and initial product type tests were performed by SP Institute, Sweden, certification body Number 0402.

The installation of the door must be carried out by an ISA-approved team who is responsible for the correct installation under standard 13241-1. The same applies to the installation of a pass-through door built into the garage door. Information related to the main characteristics of the product is contained in the Declaration of Performance, under Regulation 305/2011/EU, provided together with the product.

The purpose of the product is to allow the access to goods and vehicles in conditions of complete security in industrial, commercial and residential spaces.

5. Grip Materials

The fastening elements (dowels, screws, self-tapping screws) required to fasten the Bene-fit XL door to the walls and ceiling are not included in the delivery package.

The installation company must ensure that the structure of the building in which the door is installed is reliable and strong enough to allow the installation of the Bene-fit XL door. The installation company is also responsible for using the appropriate materials to attach the door to the existing structure (stone, concrete, steel, wood, etc.)

For this reason, this manual does not provide any guidance in this regard.

6. Distances required to install the Bene-Fit XL garage door

Required installation distances:

BENEFIT XL		Hgr Manual (Height of the brace in manual variant)	Hgr EI (height on the brace in electricity Czech option)	Hutil Manual (Useful height at manual variant)	Hutil EI (useful a height and at electricity the Czech option)	Ls/Ld stall (width on the left and the right one column)
L (width) <= 3200	LH	65	120	Hgol*-175	Hgol*-50	100
H (height) <= 2500		65	120	Hgol*-175	Hgol*-50	100

* Hgol - The height of the light opening

Sliding system column L: 82 mm Panel L:

Door L + 25 mm

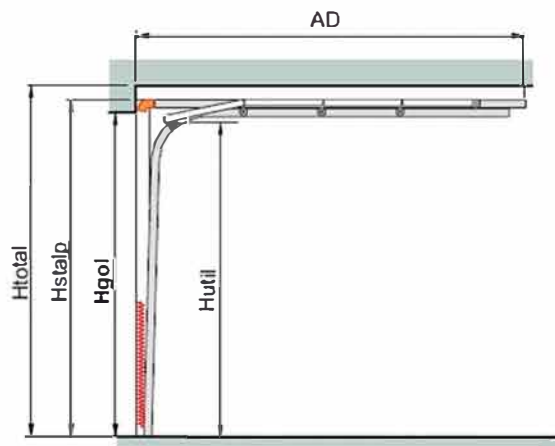
H of the sliding system column: H gol + 30 mm

H total manual (total height for manual version): H of the sliding system column + 35 mm

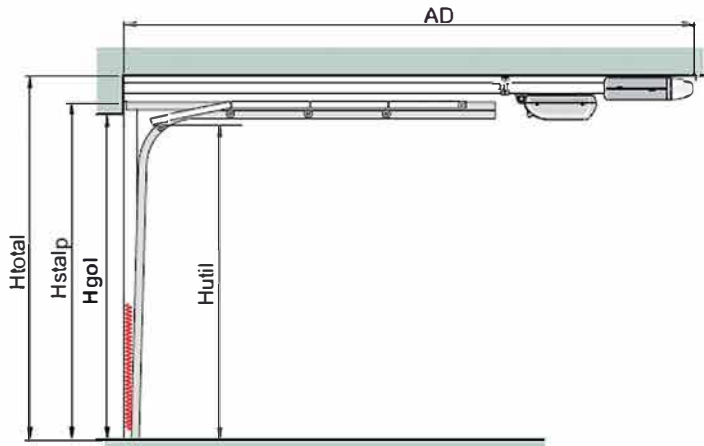
H total electric (total height for electric version): H of the sliding system column + 90 mm AD opereare

manual (depth for manual version): Hgol + 500 mm

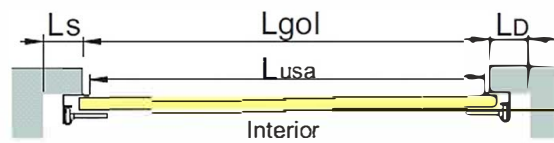
AD opereare electric (depth in electric version): H gol + 1100 mm



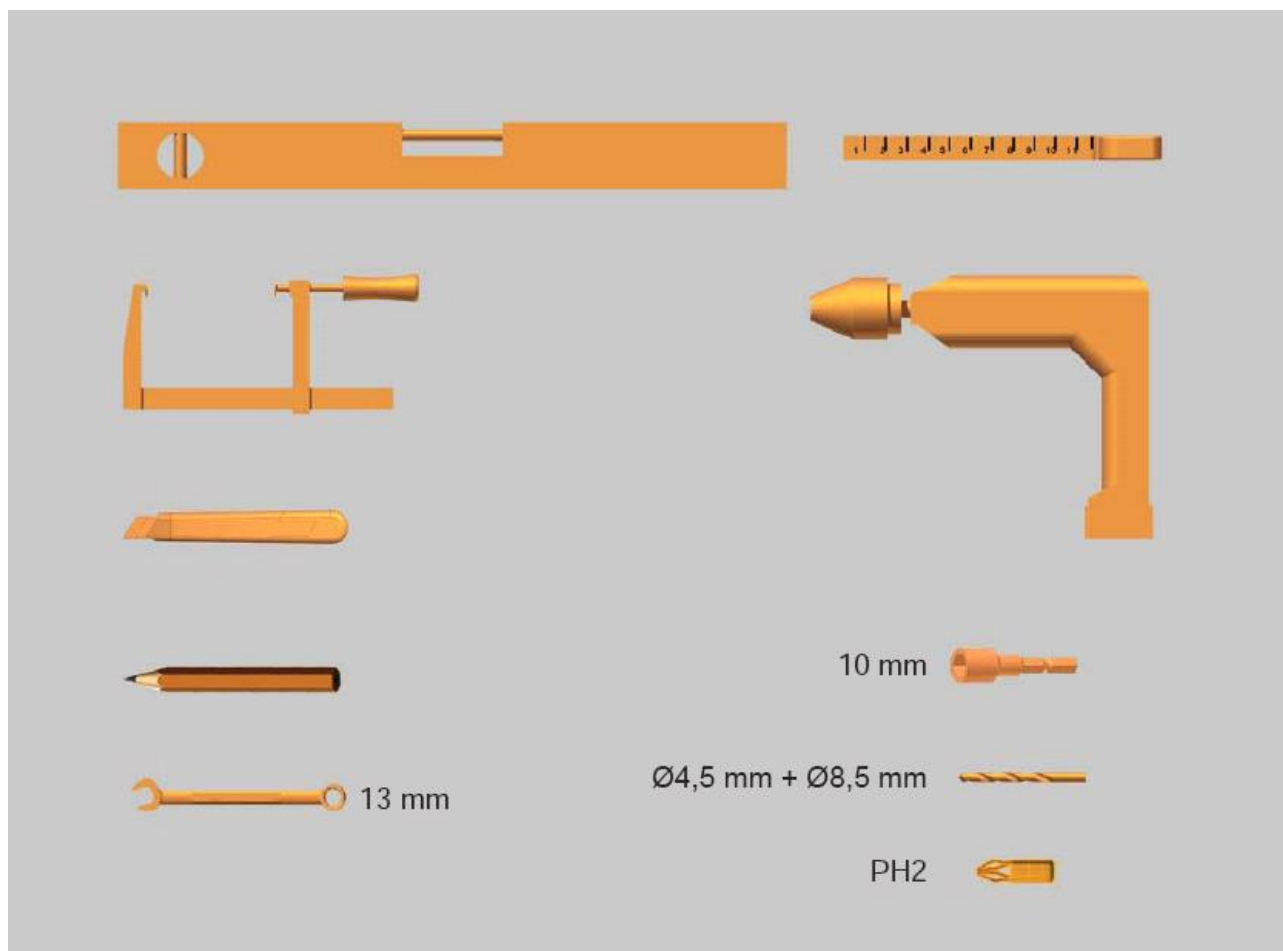
BENE-FIT XL operare manuala
LH



BENE-FIT XL operare elettrica
LH



7. Required tools




8. Installation instructions

Establishing a horizontal level $A=A!!!$; L of the girder profile = L of the door - 30 mm; L on the frame = L of the door

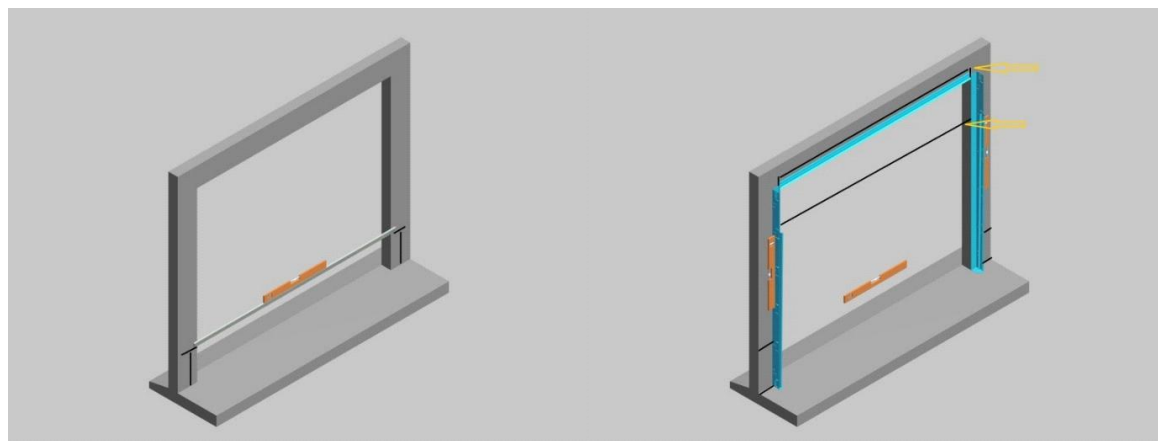
A
A
A
Lp
Lr



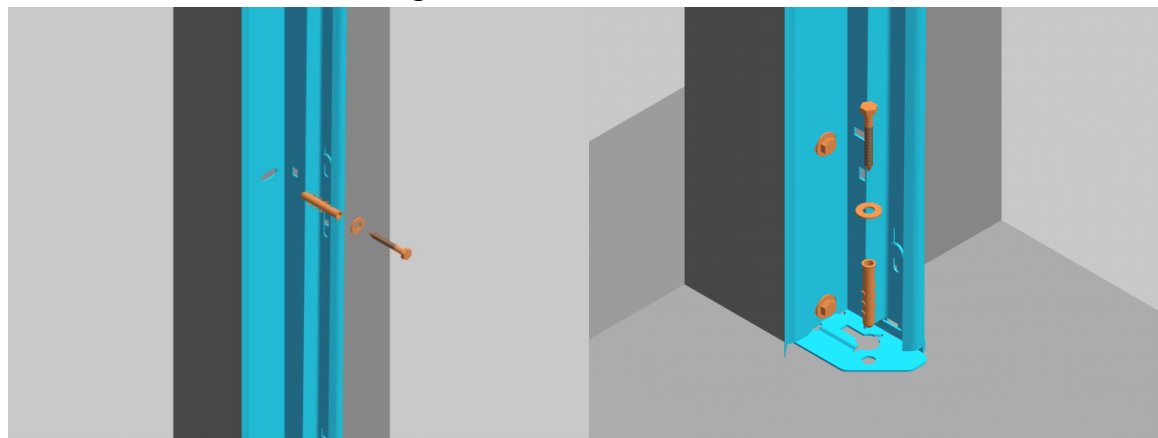
 Lp = L of the profile

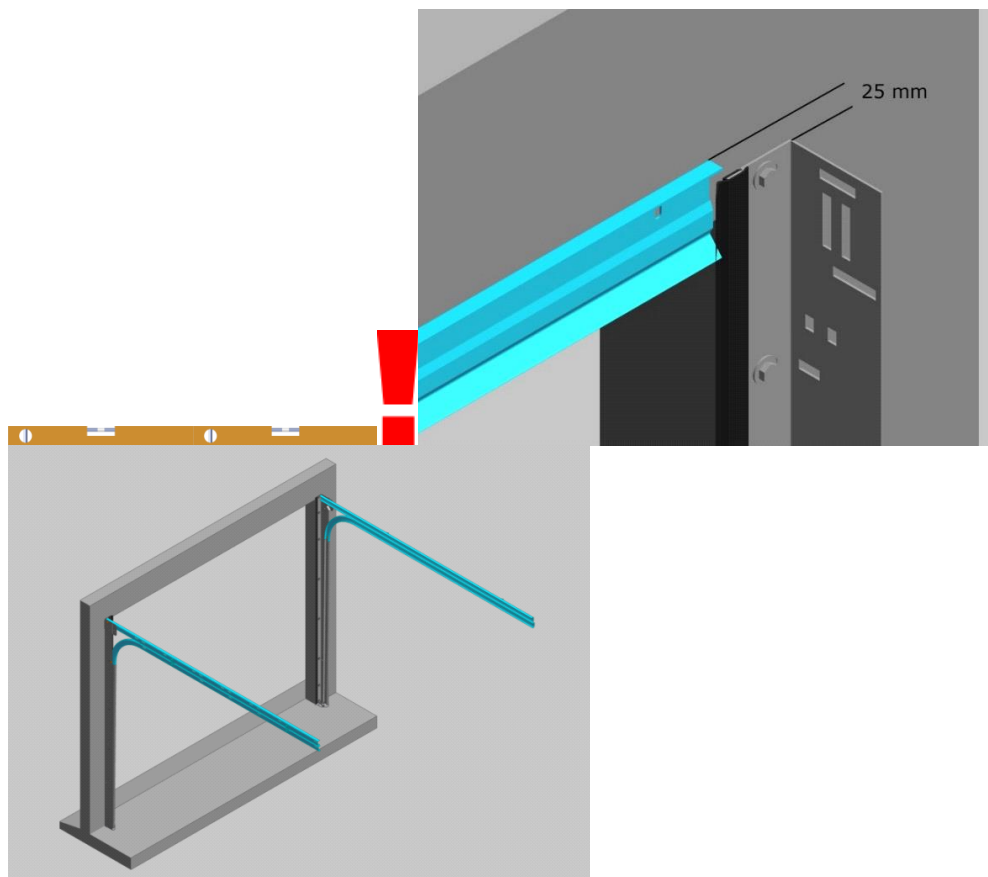
Lr = L of the frame

A

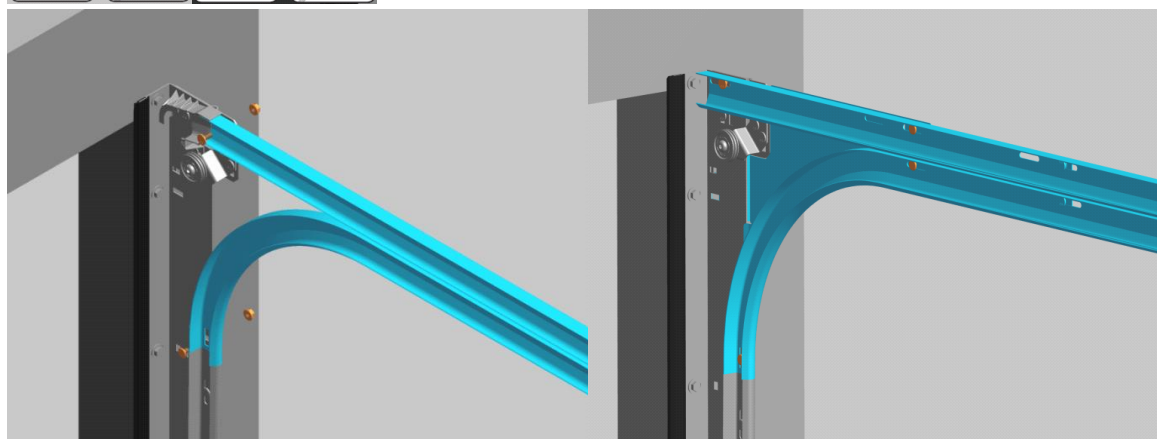


- Placement of the vertical guides

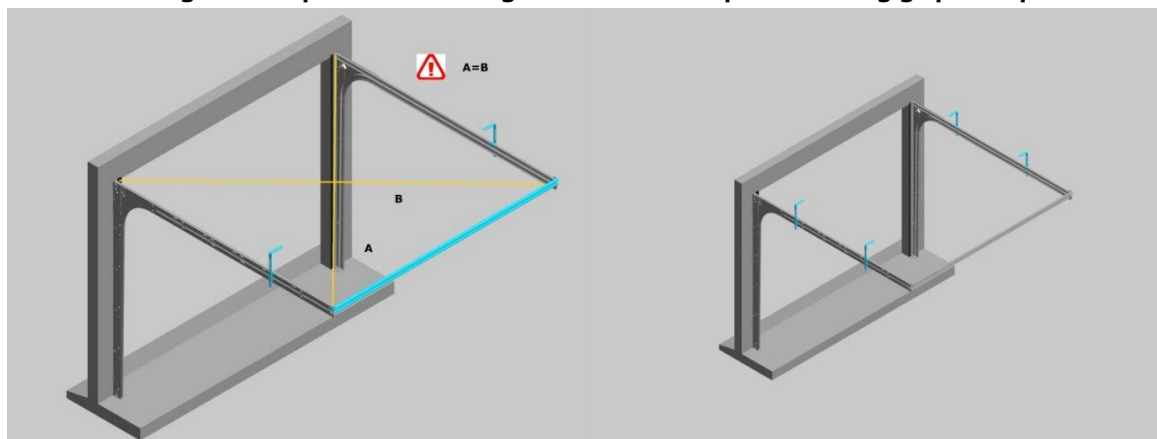




- **Horizontal guide in manual/electric version**

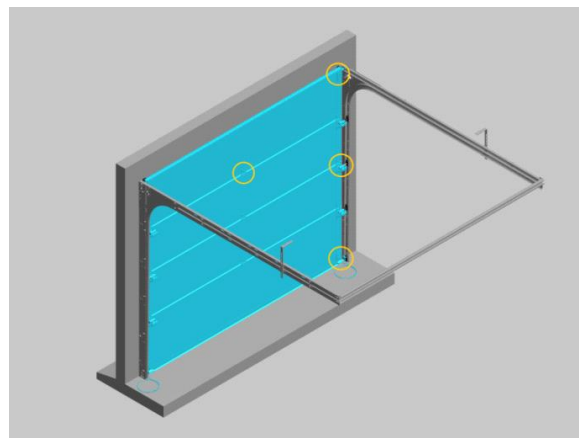


- **Placing the "C" profile / The diagonals must be equal. A ceiling grip is required**



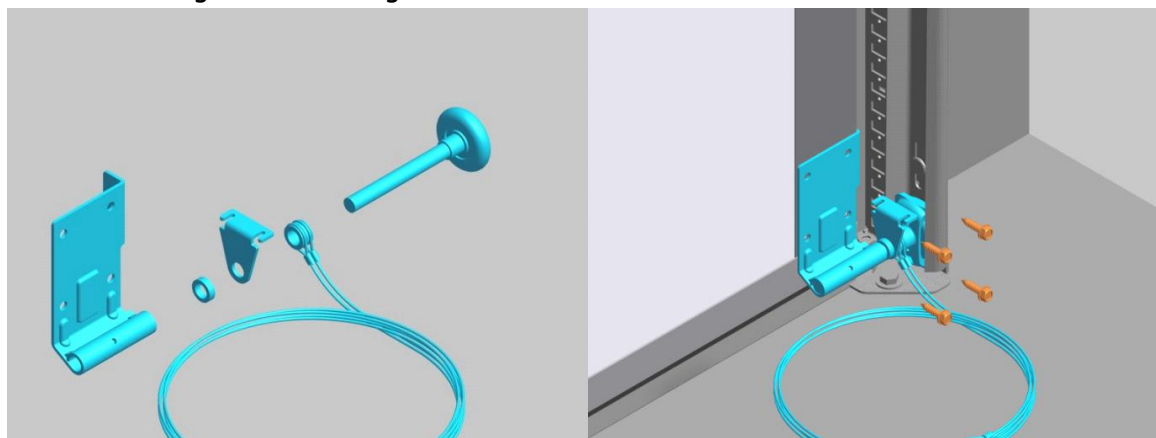
Equal diagonals A = B!  



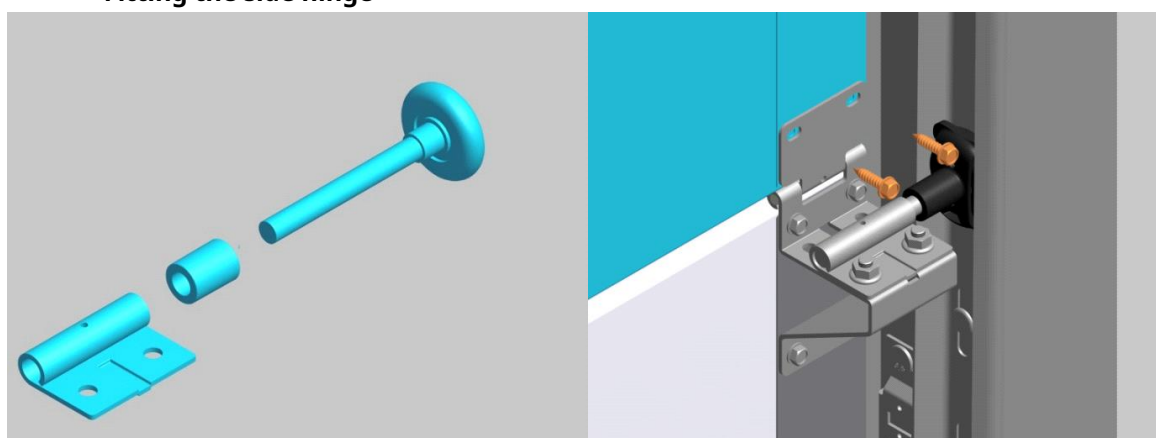


- **Place the hinges on the panels**

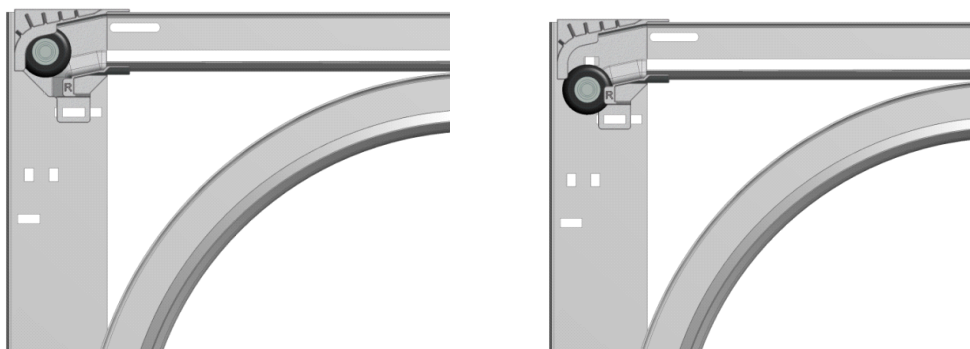
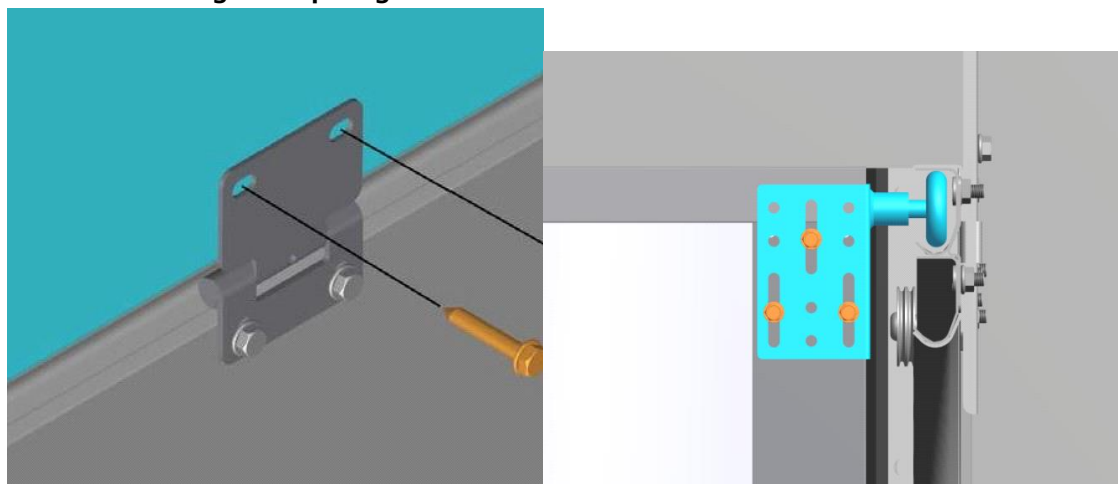
- **Inserting the bottom hinge**



- **Fitting the side hinge**



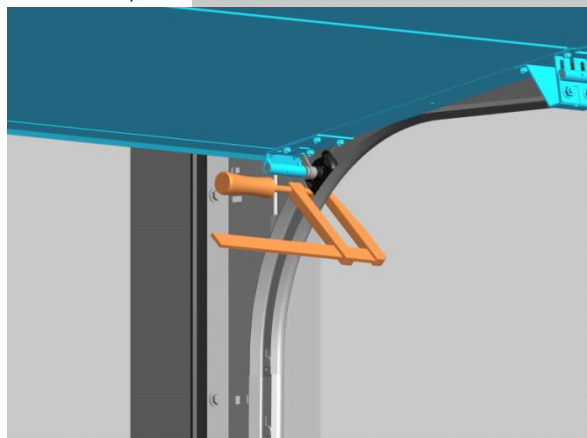
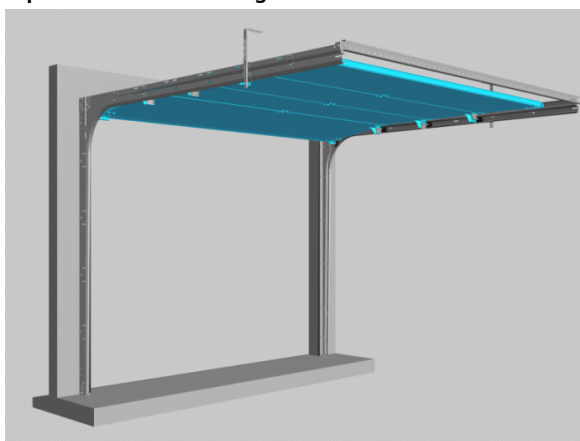
- **Attaching the top hinge**



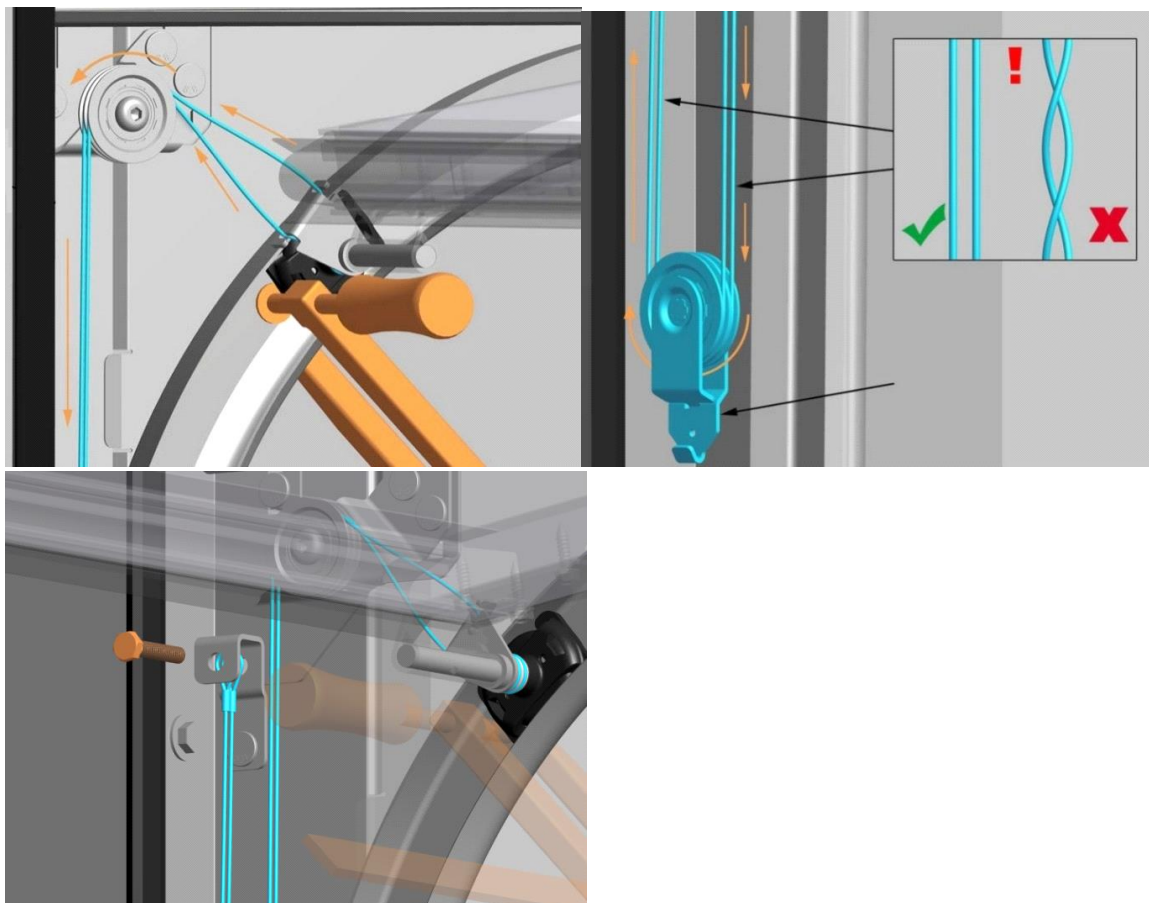
- **Top wheel position for Electric/manual version**

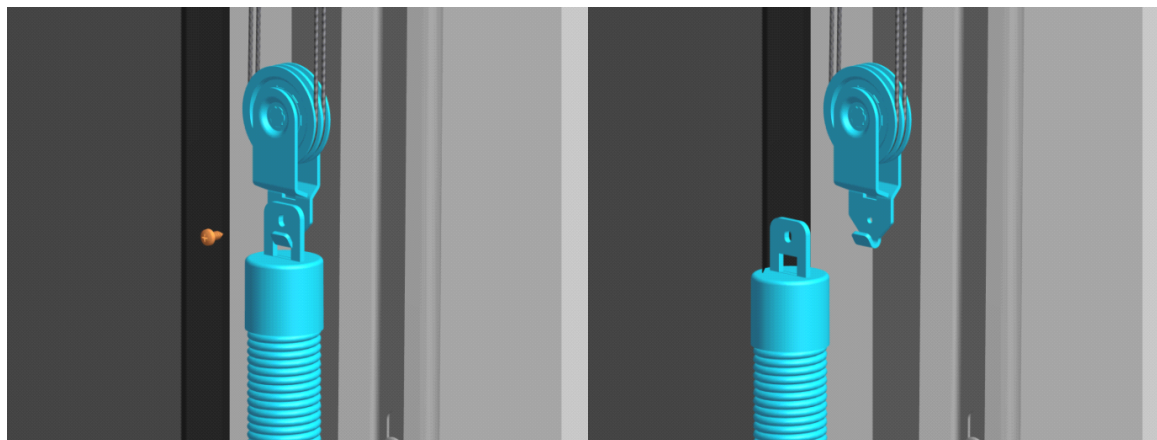


- **Lifting the panels under the ceiling**

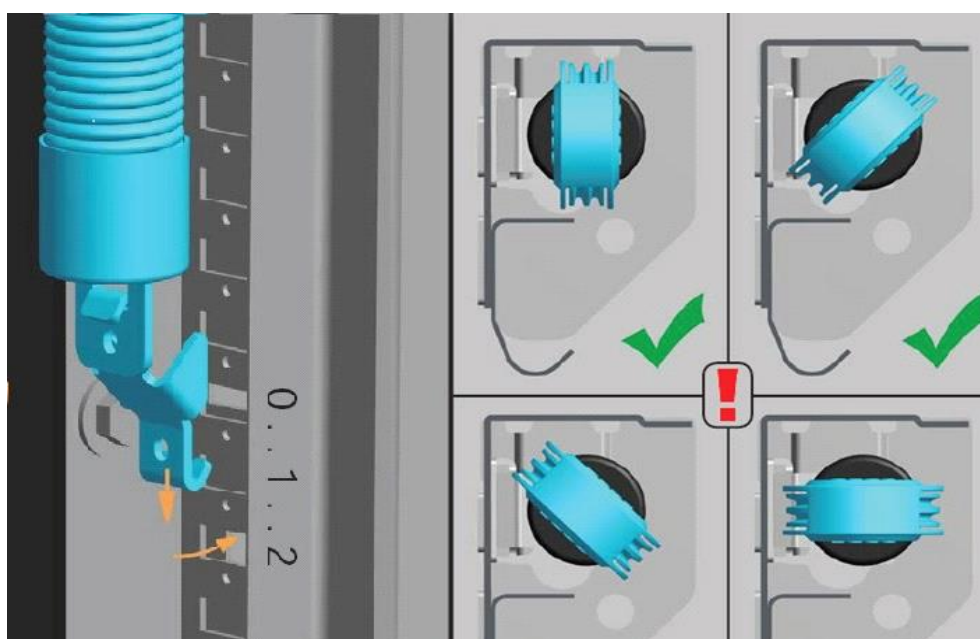


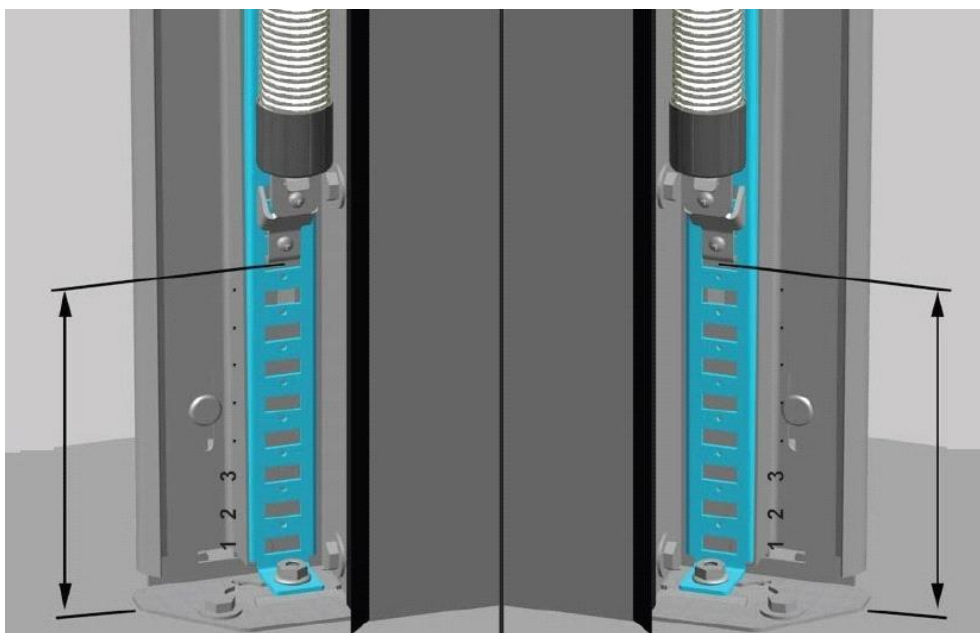
- Grasping of ropes and traction springs





- **Clamping the traction springs:**
- **from the unextended position the spring is stretched by two degrees and is engaged!!!**

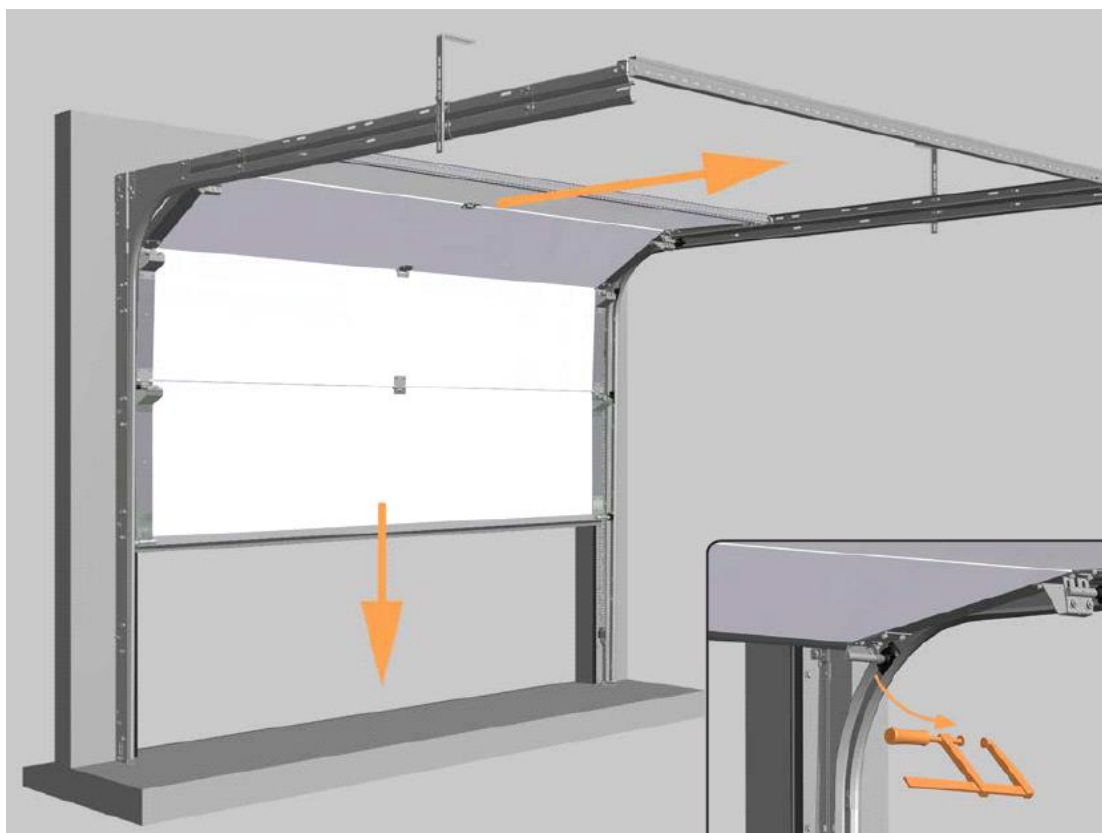




Left

Right

- **Checking that the panels remain in equilibrium**



9. First use

It is the installer who must use the Bene-fit XL home garage door for the first time. All users must be trained.

For more information, please refer to the User Manual.

9.1 Transmission

The end customer must receive the following documents:

- This manual (installation, disassembly and maintenance)
- The user manual
- The acceptance-transmission guarantee protocol
- The declaration of the operational characteristics of the door
- The Declaration of Conformity (only for electrically operated doors)

10. Electric motor (optional)

Install the electric motor following the instructions in the manual provided by the supplier.

NOTE:

In the event of a power failure, it must be possible to unlock the panels using the motor's emergency unlocking system.

Door panels must be operated using a handle only.

If there is no other entrance to the garage, we recommend that you use the Emergency Release System.

For an electrically operated door, DO NOT use a mechanical latch and lock for mechanical blocking/unblocking.

10.1 Motor settings

The settings of the motor must be carried out according to the manual of its manufacturer. The installer must then perform a motor power analysis in accordance with EN - 12445 and EN - 12453.

11. Dismantling

Dismantling must only be carried out by qualified personnel (company or installer). The door must be dismantled by following the steps in the installation manual in reverse order.

11.1 Waste

All door components can be easily disposed of.

Please comply with local authority waste requirements.

12. Maintenance

Following European standards, the Bene-fit door must be regularly checked and maintained from its first use based on the service book recommended by the installer.

Support must be documented in writing.

Maintenance should only be performed by a qualified company/installer personnel.

Immediately after installation:

Immediately after installation:

1. Lubrication of the sliding system (tip: spraying with PTFE spray) Responsible person: the installer.
2. Lubricate the wheels and their axles (tip: spraying with PTFE spray) Responsible person: the installer.
3. Lubrication of the hinges - intermediate and side (spraying with PTFE spray). Responsible person: the installer.
4. Lubricate the seals (tip: special vaseline for rubber). Responsible person: the installer.

After three months:

1. Checking whether the springs hold the door in an equilibrium position (spring tension). Responsible person: the installer.
2. View of the door. Responsible person: the installer.

Every 6 months or every 750 open/close cycles:

1. Inspect side, top and bottom seals for wear or abrasion. Responsible person: the user.
2. Lubrication of the sliding system (tip: spraying with PTFE spray) Responsible person: the user.
3. Lubrication of wheel bearings and axles (tip: spraying with PTFE spray) Responsible person: the user.
4. Lubrication of hinges - intermediate and side (tip: spraying with PTFE spray) Responsible person: the user.
5. Lubricate the seals (tip: special vaseline for rubber). Responsible person: the user.
6. Cleaning the panels (tip: car shampoo and water); do not use aggressive preparations. Responsible person: the user.
7. Maintenance of the panels (tip: car wax with wax) Responsible person: the user.
8. Removing dirt from the door. Responsible person: the user.

Every 12 months or 1500 open/close cycles:

1. Check for fraying or fraying of the cables and their ends, as well as the lower hinges. Responsible person: the installer.
2. Checking whether the door is in a balanced position and readjust if necessary. Engine check. Responsible person: the installer.
3. Inspect hinges for wear or damage. Responsible person: the installer.
4. Check the wheels for wear or chafing. Responsible person: the installer.
5. Check traction springs engagements. Responsible person: the installer.
6. Checking the closing force of the door (with the electric version). Responsible person: the installer.
7. Inspection of ceiling mounting brackets. Responsible person: the installer.

8. Inspect secondary seals for wear or abrasion. Responsible person: the installer.
9. Inspect the bottom seal for wear or abrasion. Responsible person: the installer.
10. Inspect panel seals and top seal for wear or chafing. Responsible person: the installer.

13. Replacement of parts

Use only original spare parts!

Maintenance should only be performed by a qualified company/installer personnel.

If a traction spring breaks:

Replace all springs following the Installation Manual.

If a rope breaks:

Replace all cables following the Installation Manual.

Supplier

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