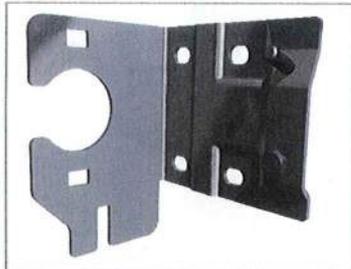


Installation Manual

SFR-200

OSA
DOOR PARTS LIMITED





1 x 13006



1 x 13023-L.1



1 x 13023-R.1



2 x 13026-27



52 x 14022



10 x 14023



40 x 14024



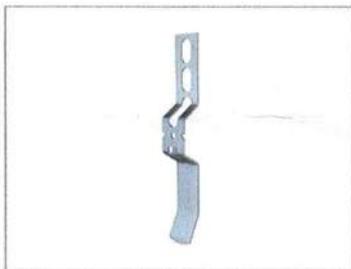
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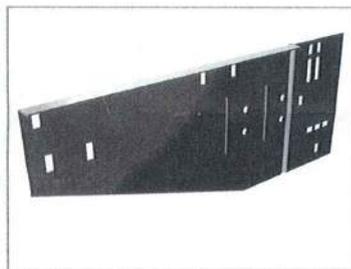
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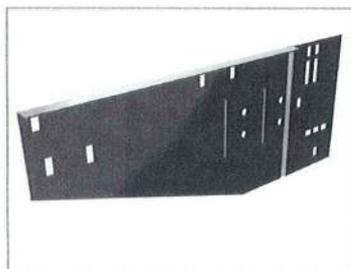
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1 x 24715-L



1 x 24715-R



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4 x 24803



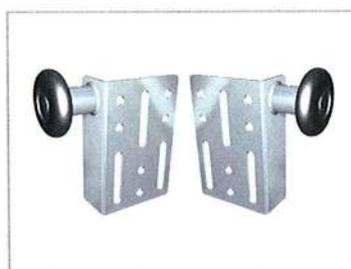
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12 x 250003



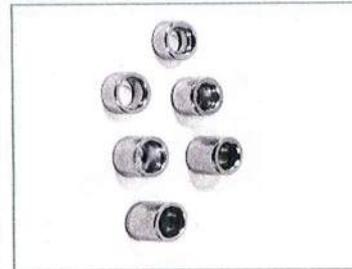
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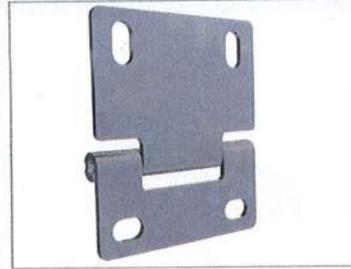
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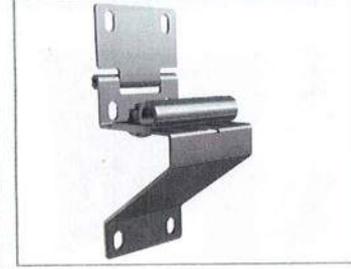
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4 x 25630



15 x 25733.1

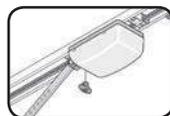


10 x 25734.1

1. Symbols



Manually operated



Electrically operated

2. General warnings

This Door should be fitted by qualified personnel, not by trainees or DIY enthusiasts.

The person tasked with assembling, disassembling, maintaining or putting the door system into operation must carefully read, understand and follow this manual.

In case of doubt, always contact OSA Door Parts Ltd.

To avoid severe personal injury, carefully read and observe all the indications and warnings in this manual.

- This manual describes the assembly, disassembly and maintenance of your Residential Door System **EXS40R**. This may be supplemented by other manuals, for example the operator manual (if applicable).
- This Residential Door System has been designed in accordance with the latest European standards. However, you must check yourself whether this standard corresponds with the local national standard.
- All measurements are in millimetres unless otherwise specified.
- After installation, ensure that the CE marking label has been completed and attached.
- Keep this manual in a safe place, near the residential door.
- Subject to technical changes, without written notice.

2.1 Safety requirements for assembly, maintenance and first use.

- This Residential Door System may only be mounted, connected and put into operation by qualified personnel.
- Make sure that the power is switched off and remains switched off while electrical work is being carried out!
- Never bridge safety devices!
- Adding or omitting parts can compromise the door operation and thus the safety of the Residential Door System. This is therefore strongly discouraged!
- Some parts may contain sharp edges: use protective gloves.
- All references in this manual to the door/component handling are as viewed from the inside looking out, unless otherwise specified.
- Never use the Residential Door System if visual damage is observed, particularly with respect to cables, springs and safety devices.
- When performing assembly/maintenance, always wear at least gloves and safety boots and safety goggles for all drilling/cutting activities!
- Make sure that you always have a stable environment in which to perform your work.
- Secure the assembly/maintenance site with safety ribbon to keep others at a distance.
- Maintenance must only be performed by a qualified company and/or qualified personnel.
- Make sure there is enough light.
- Only use appropriate tools.

3. Terms and conditions

Our general terms of delivery and payments apply to all our offers, agreements or subsequent revisions.

A copy of our terms and conditions are available on request or may be downloaded from our website:

www.osadoorparts.co.uk

Subject to technical changes without notice

4. Guidelines

DOCOS International has carried out the "Product Test" of this door (Initial Type Testing = ITT) by the SP institute in Sweden, known as Notified Body No. 0402.

Documents regarding this ITT can, in consultation with DOCO, be transferred to the company which produces the door. This is necessary to complete a CE-dossier.

NOTE: CE-approved only using the correct DOCO-components.



It is the responsibility of the installation company to ensure that the chosen E-operator and panels conform to the product standard EN13241-1 and have carried out the necessary ITT.

If a wicket door is to be installed, it is the responsibility of the installation company to ensure that the complete door conforms to the product standard EN13241-1 and have carried out the necessary ITT.

5. Fixing material building



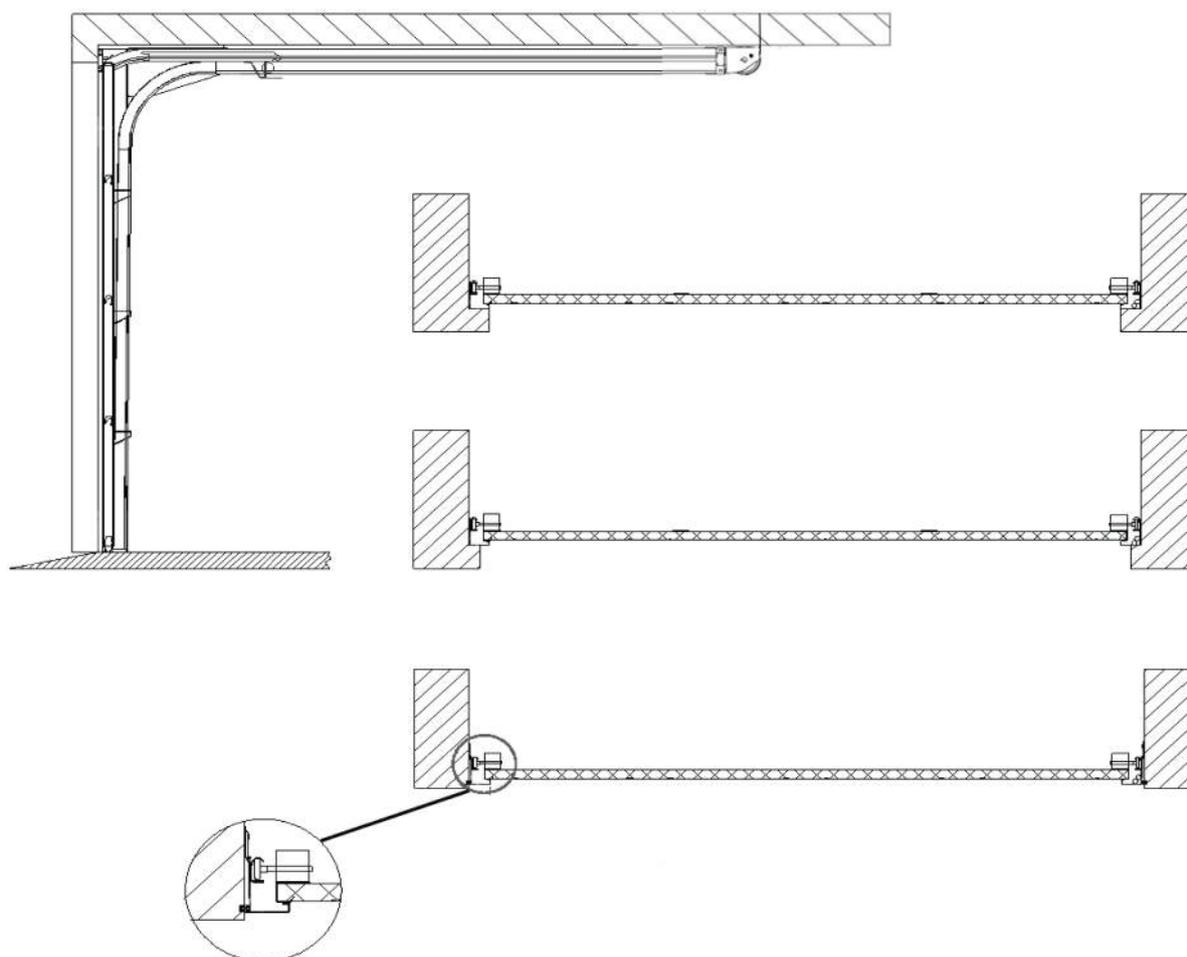
The necessary fixings to ensure the garage door to the building and/or ceiling, are not included!

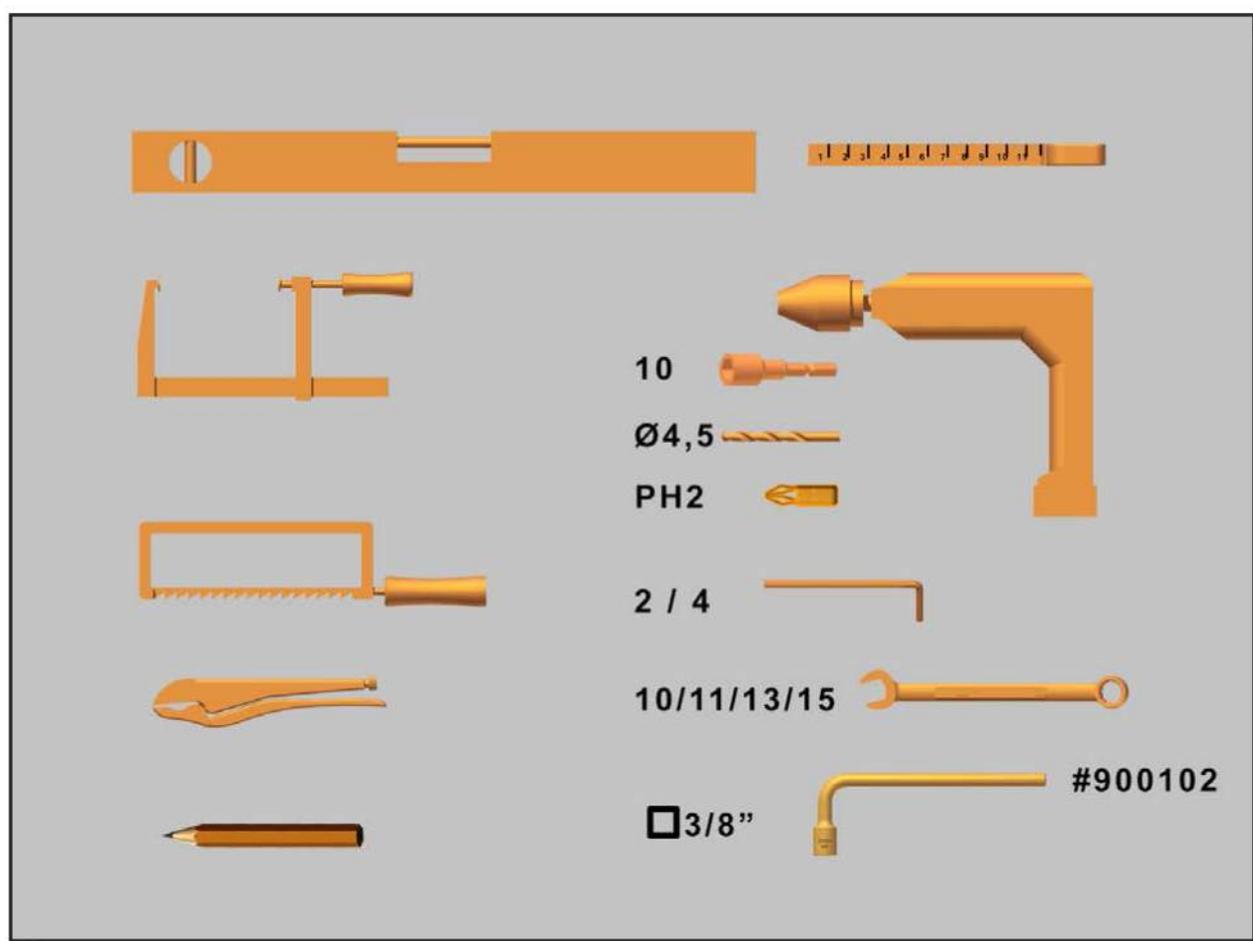
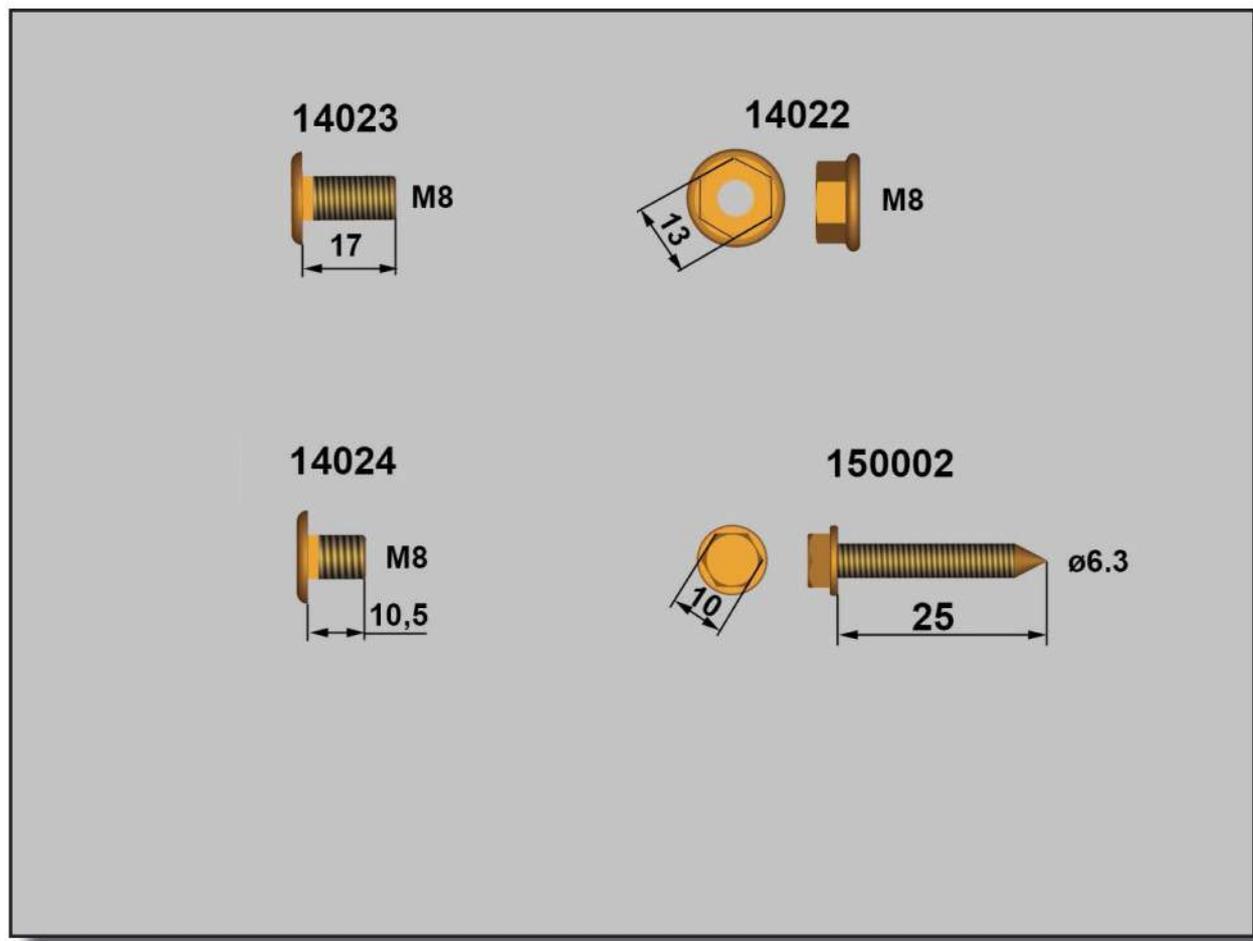
It is the responsibility of the installer to make sure that the building structure is safe/strong enough, to accept the door and its fixings.

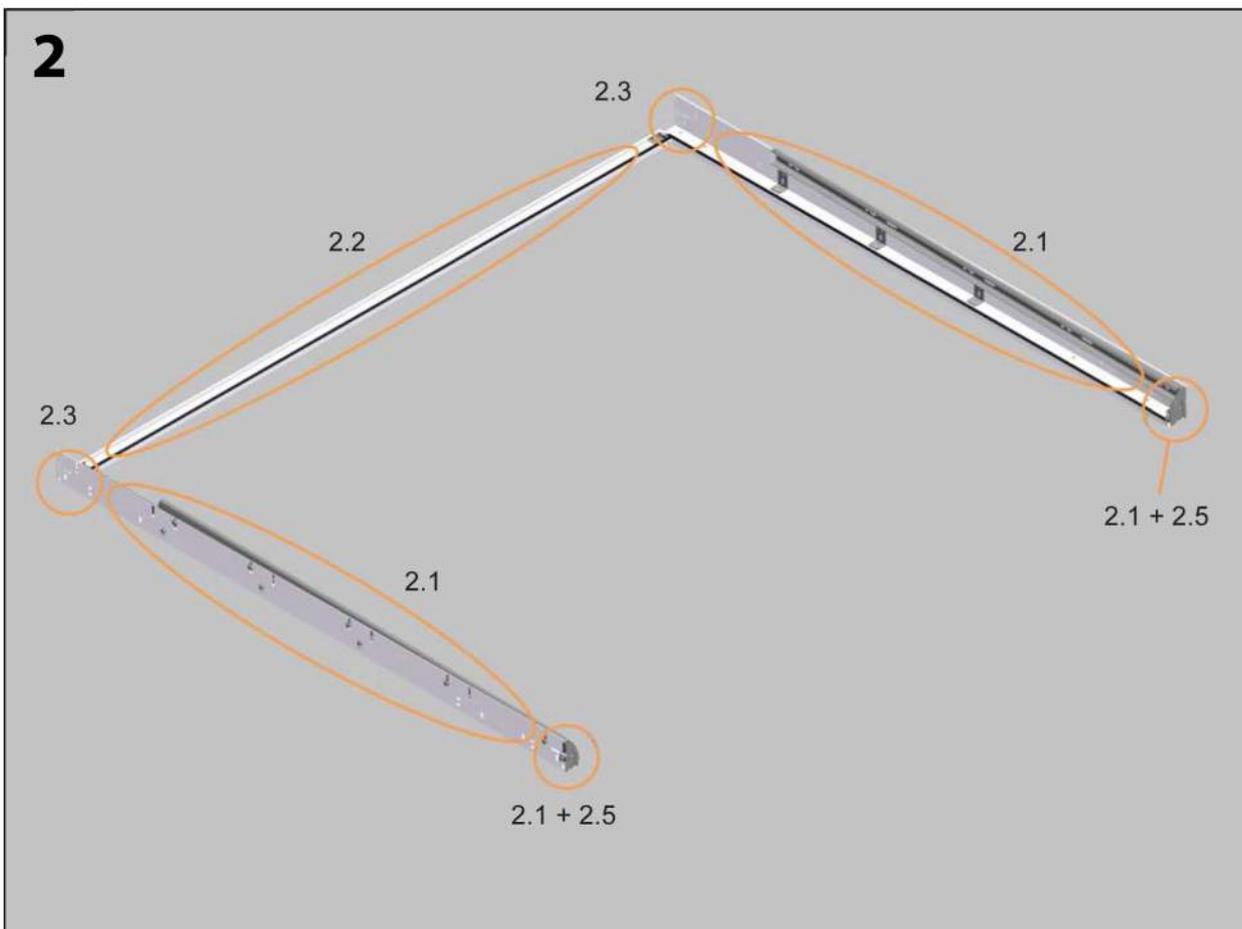
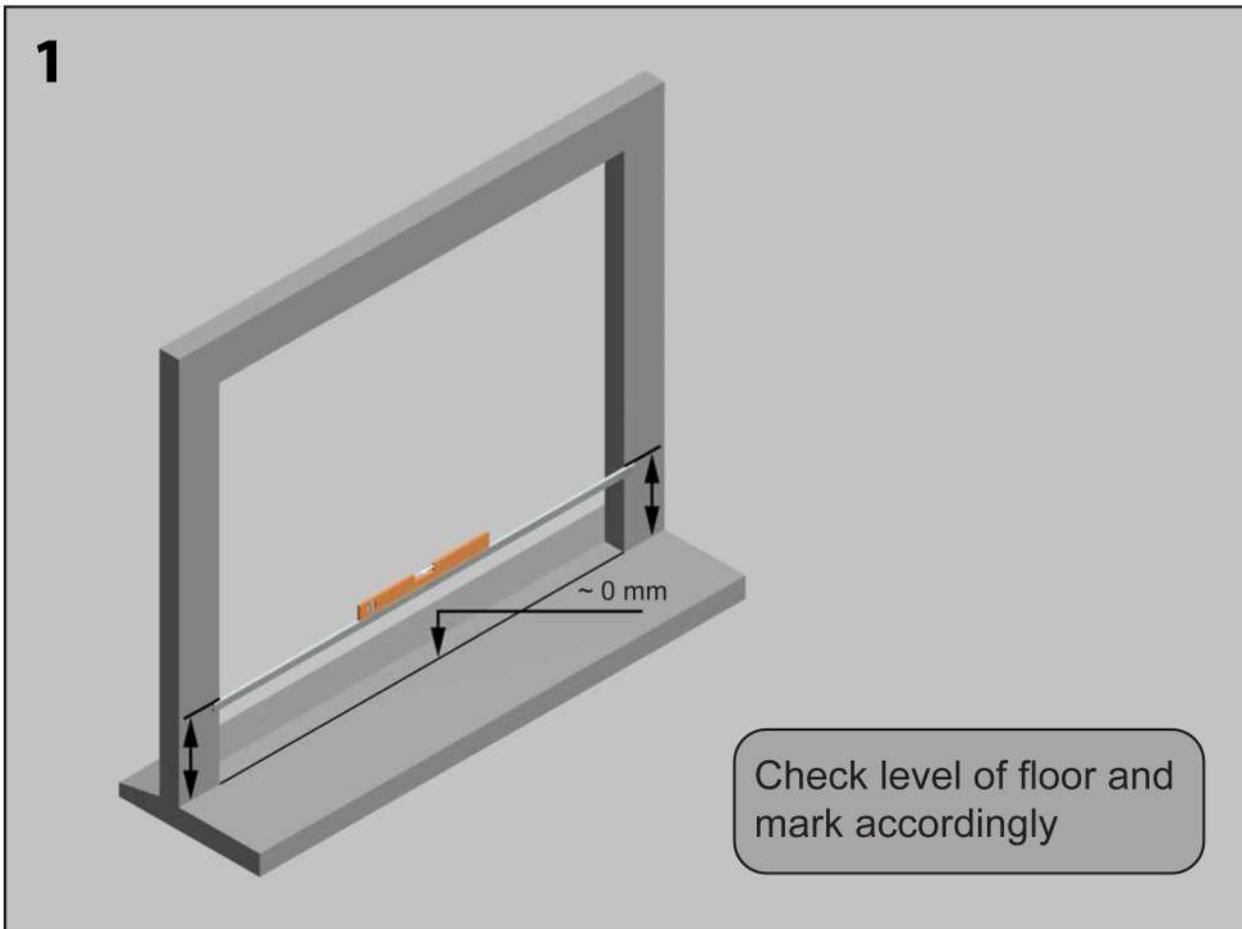
The installer is also responsible for using the correct fixing materials on the right foundation (stone, concrete, steel, wood).

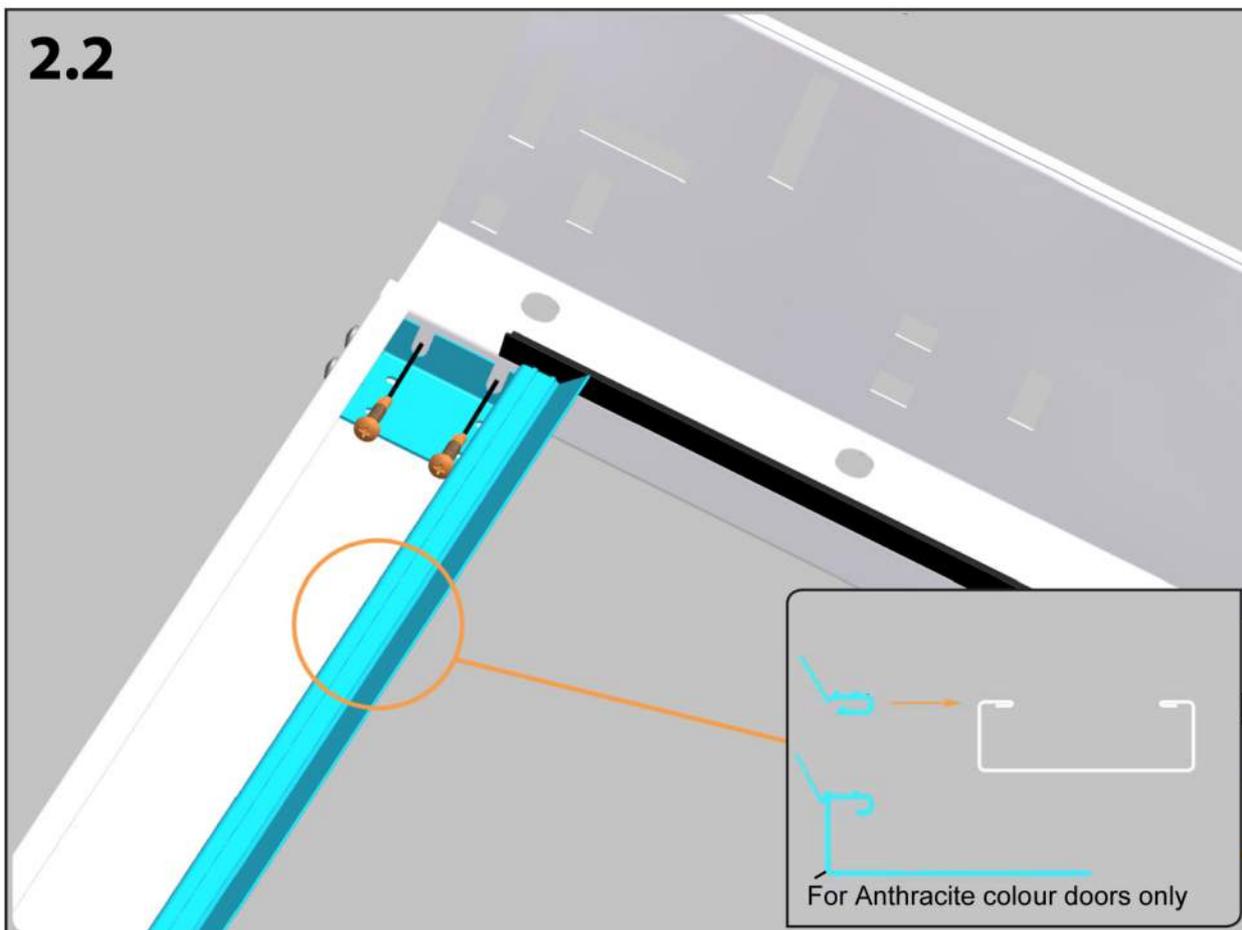
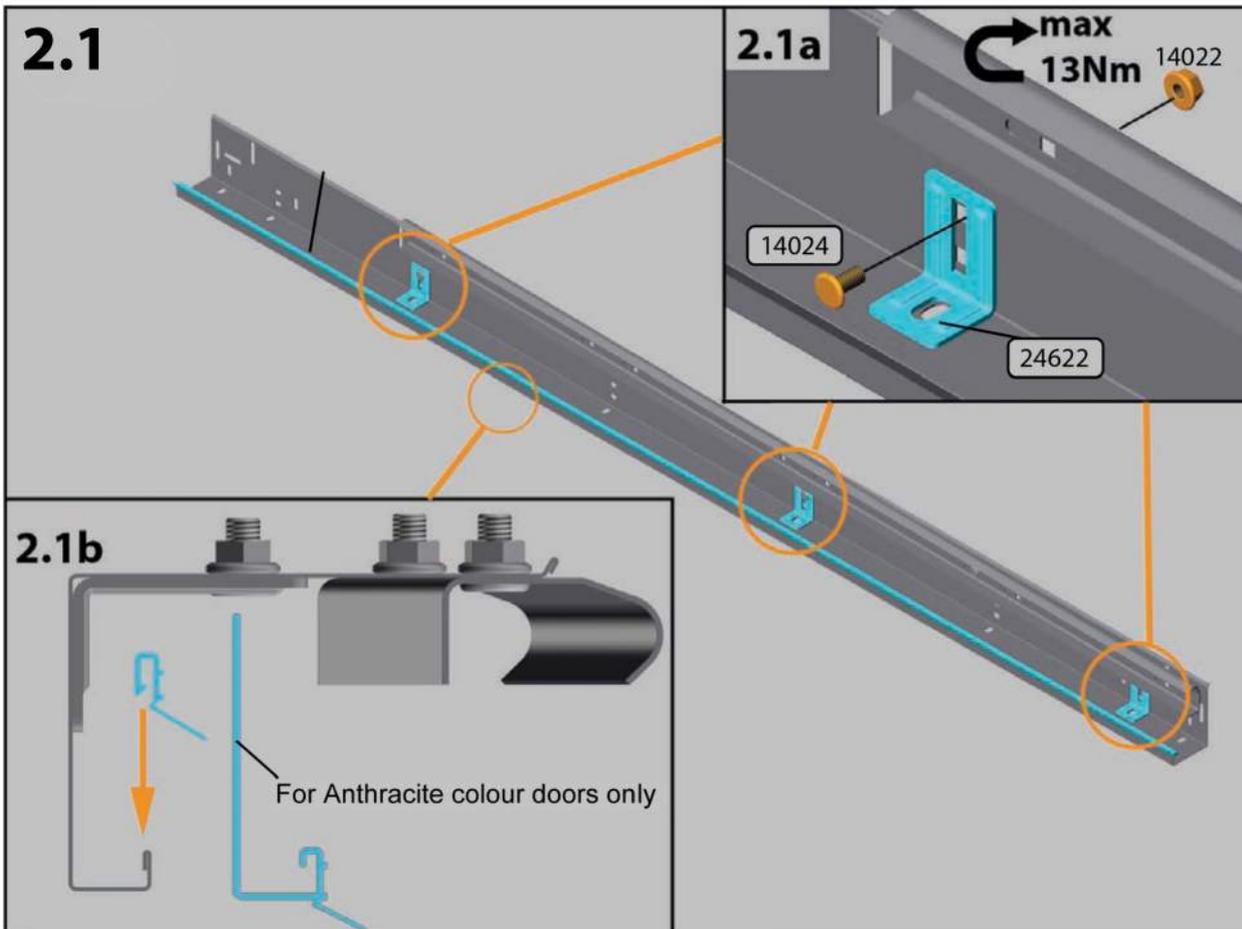
In the image section there will be therefore no specification included.

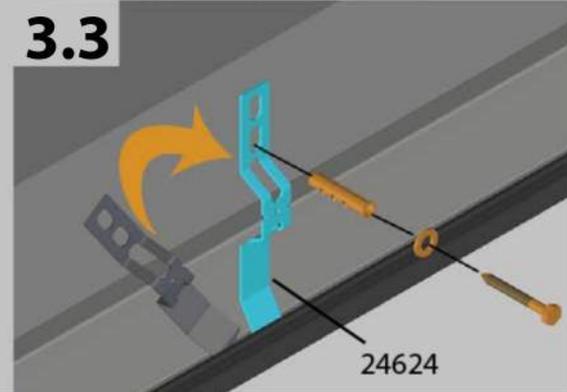
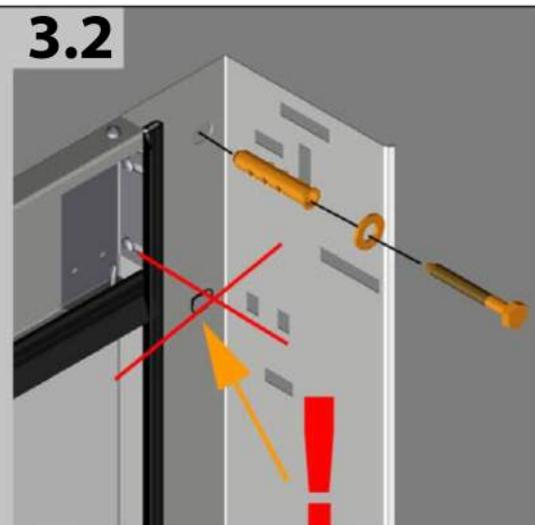
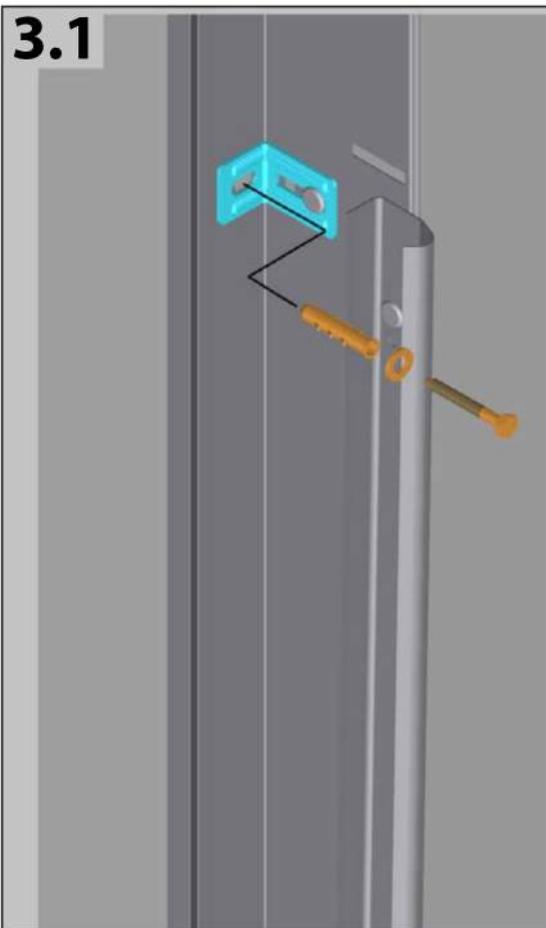
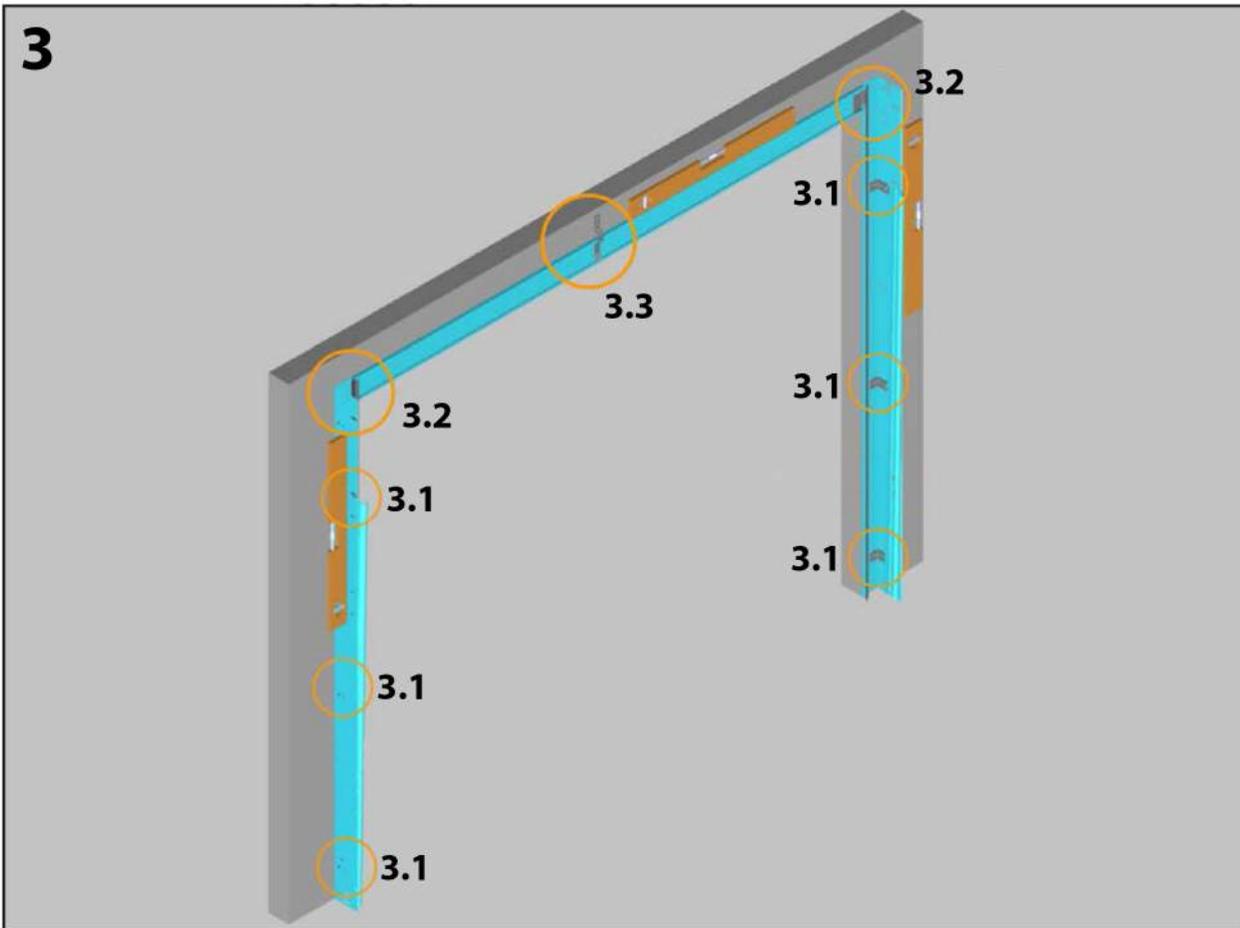
6. System overview

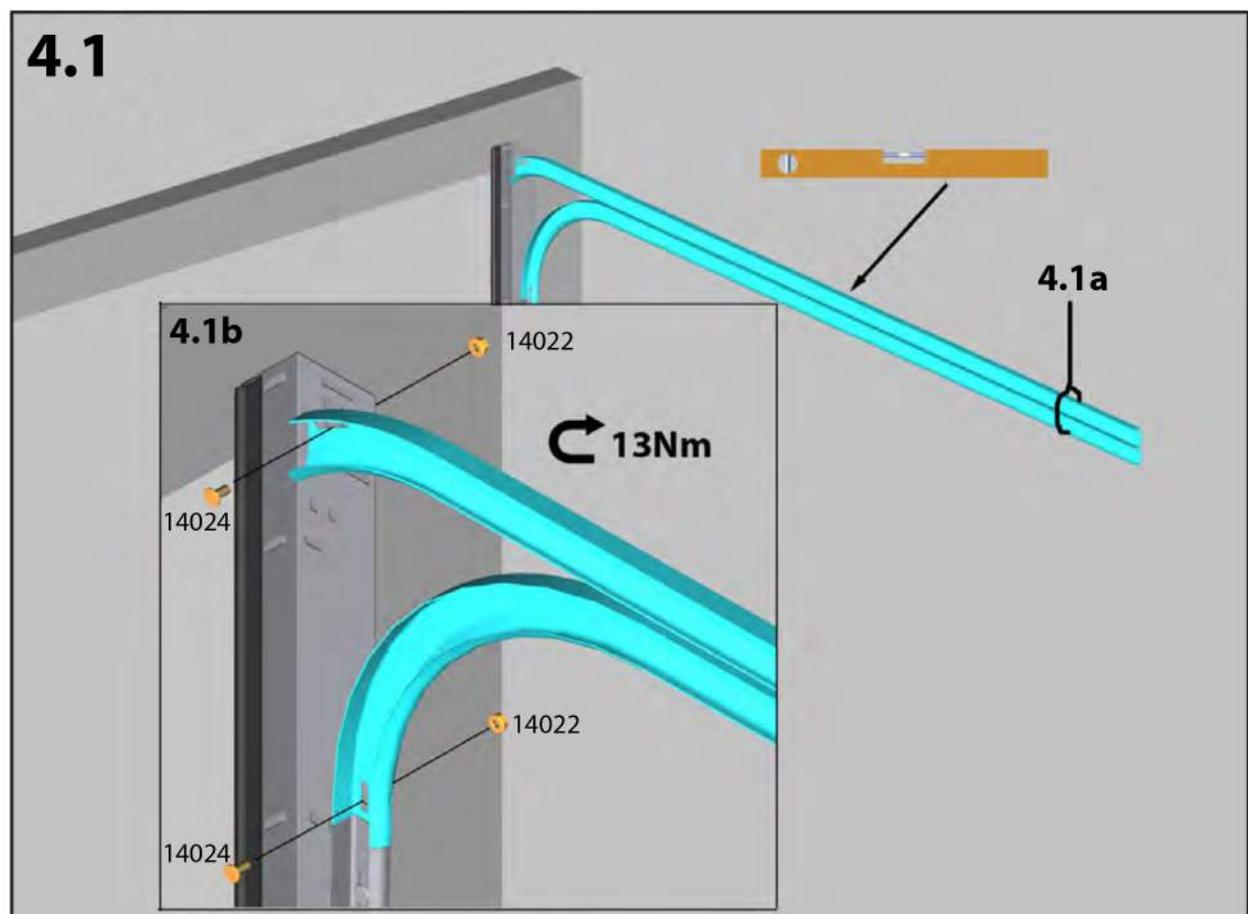
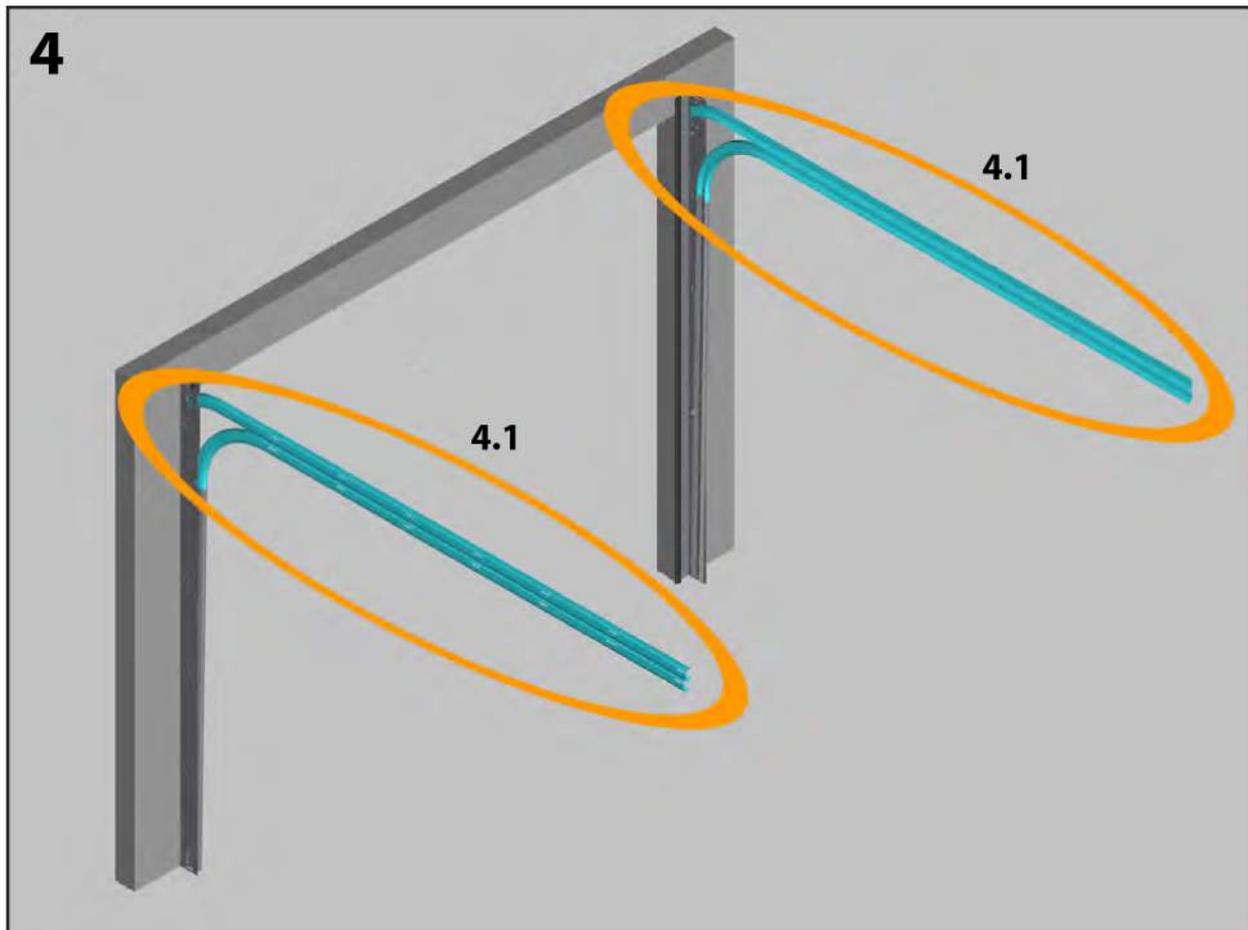


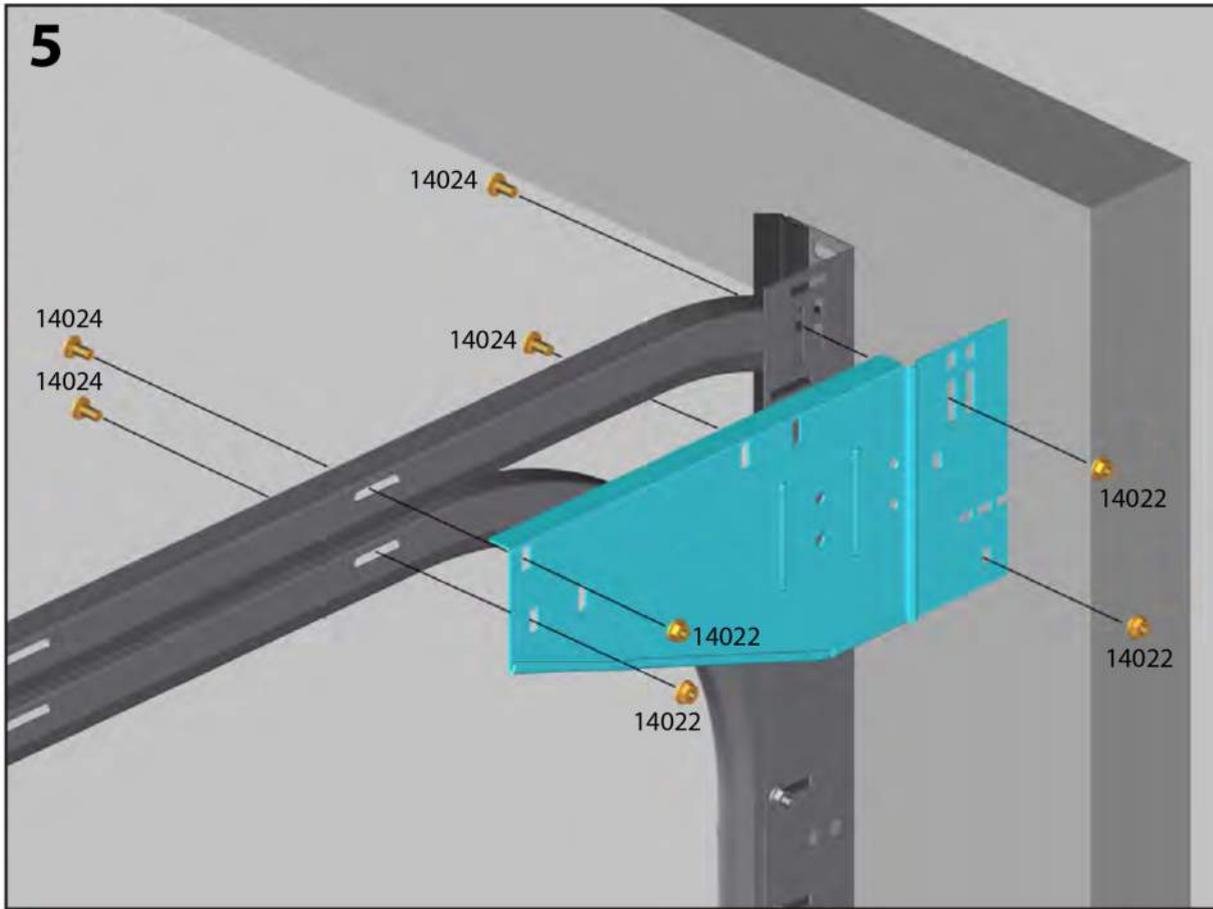


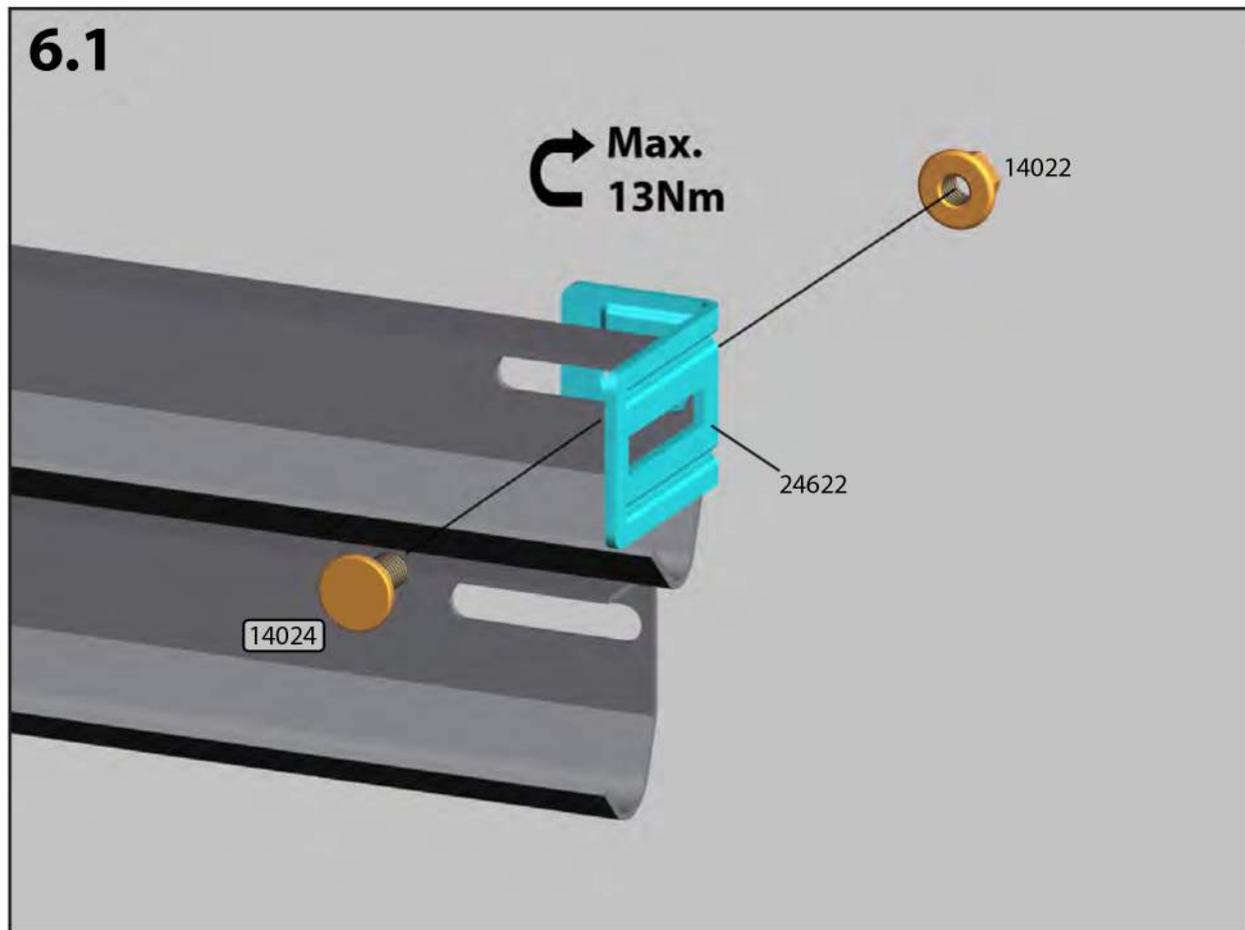
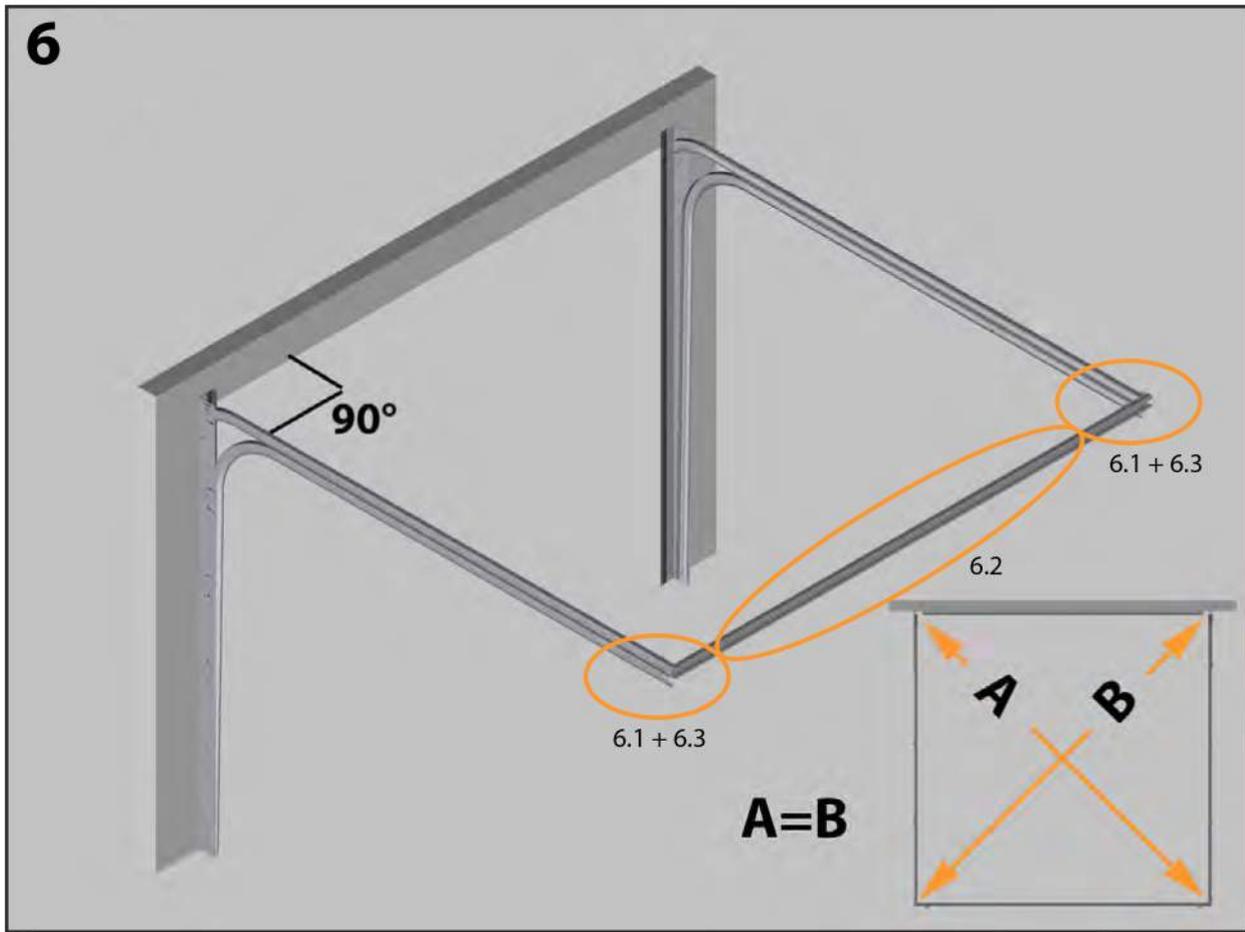




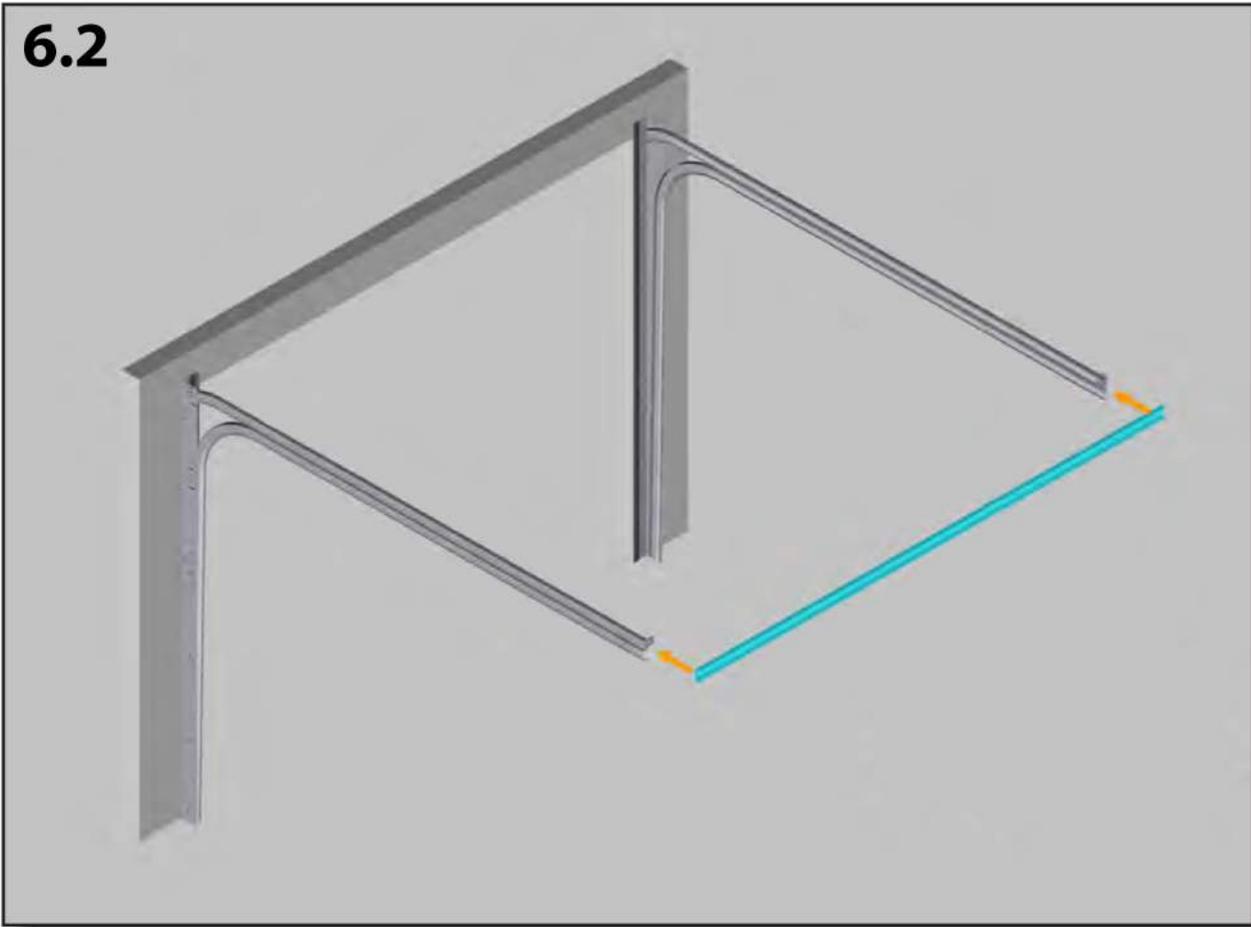




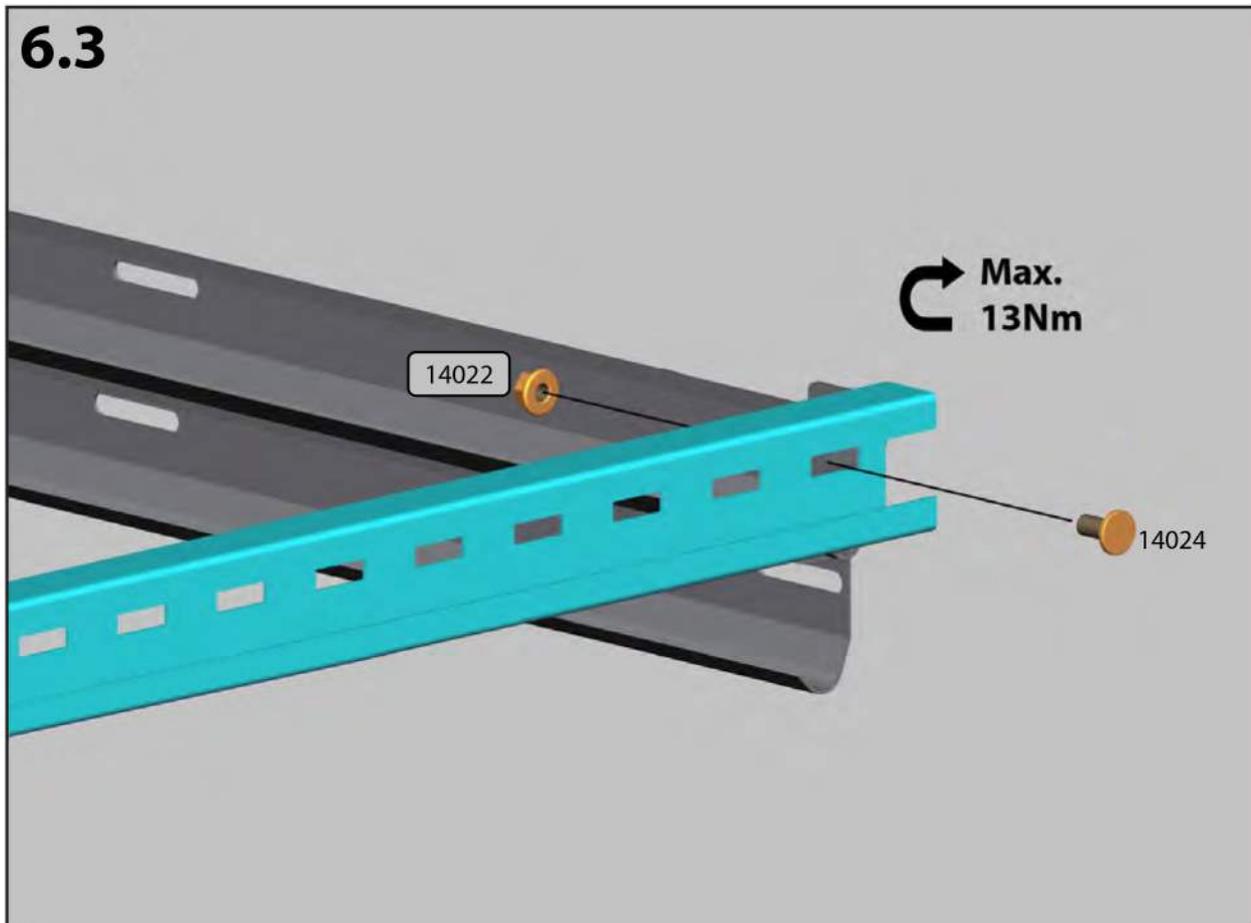


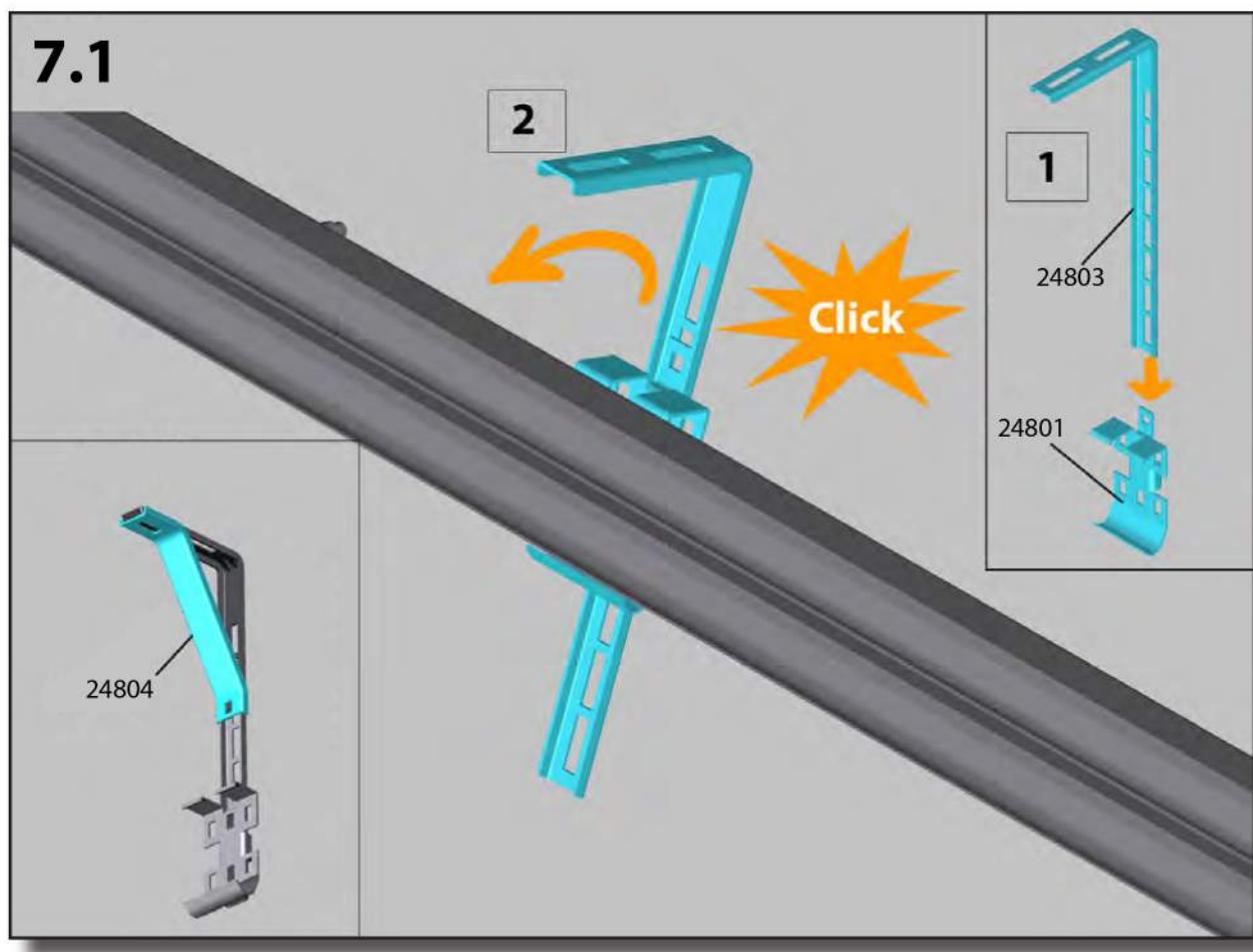
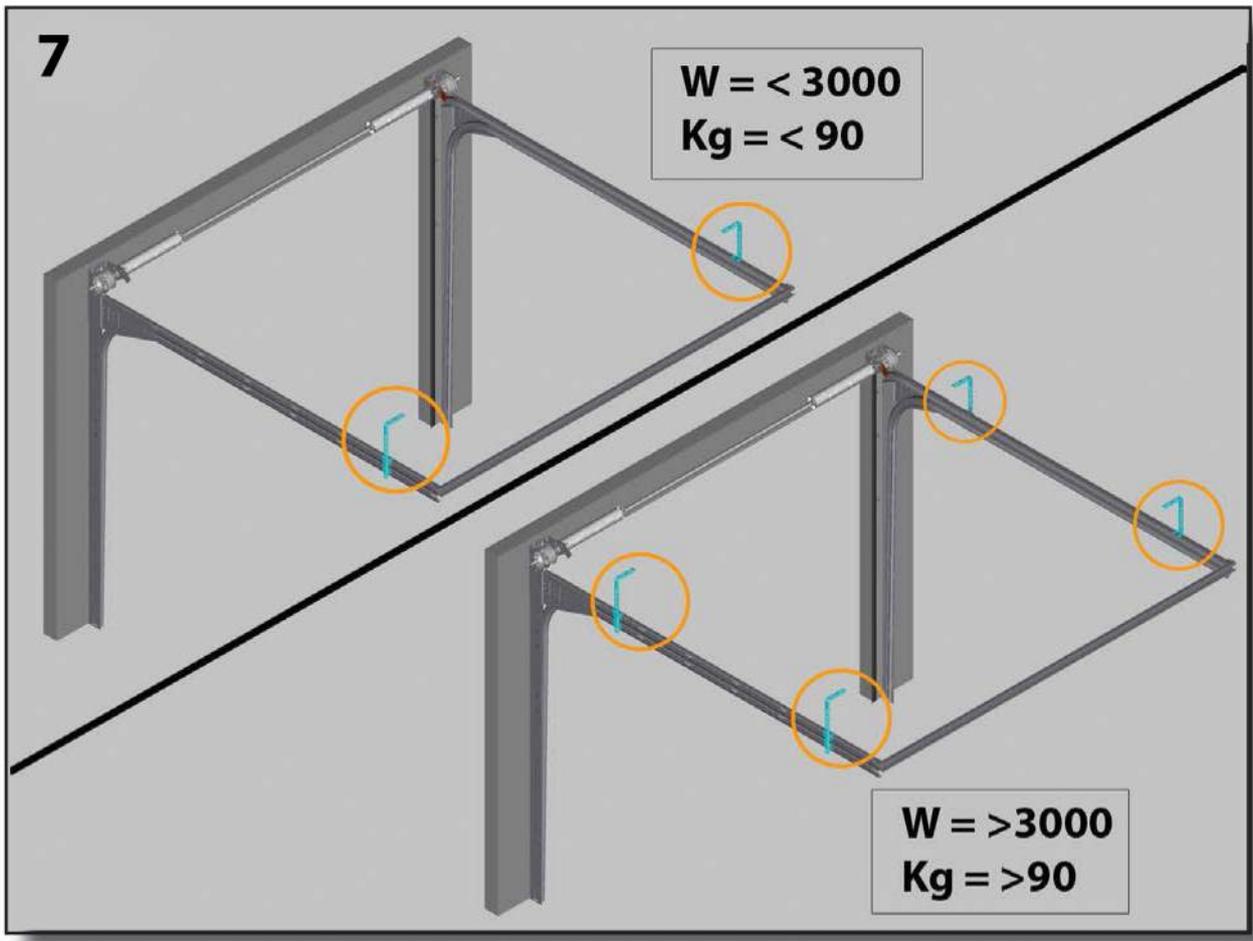


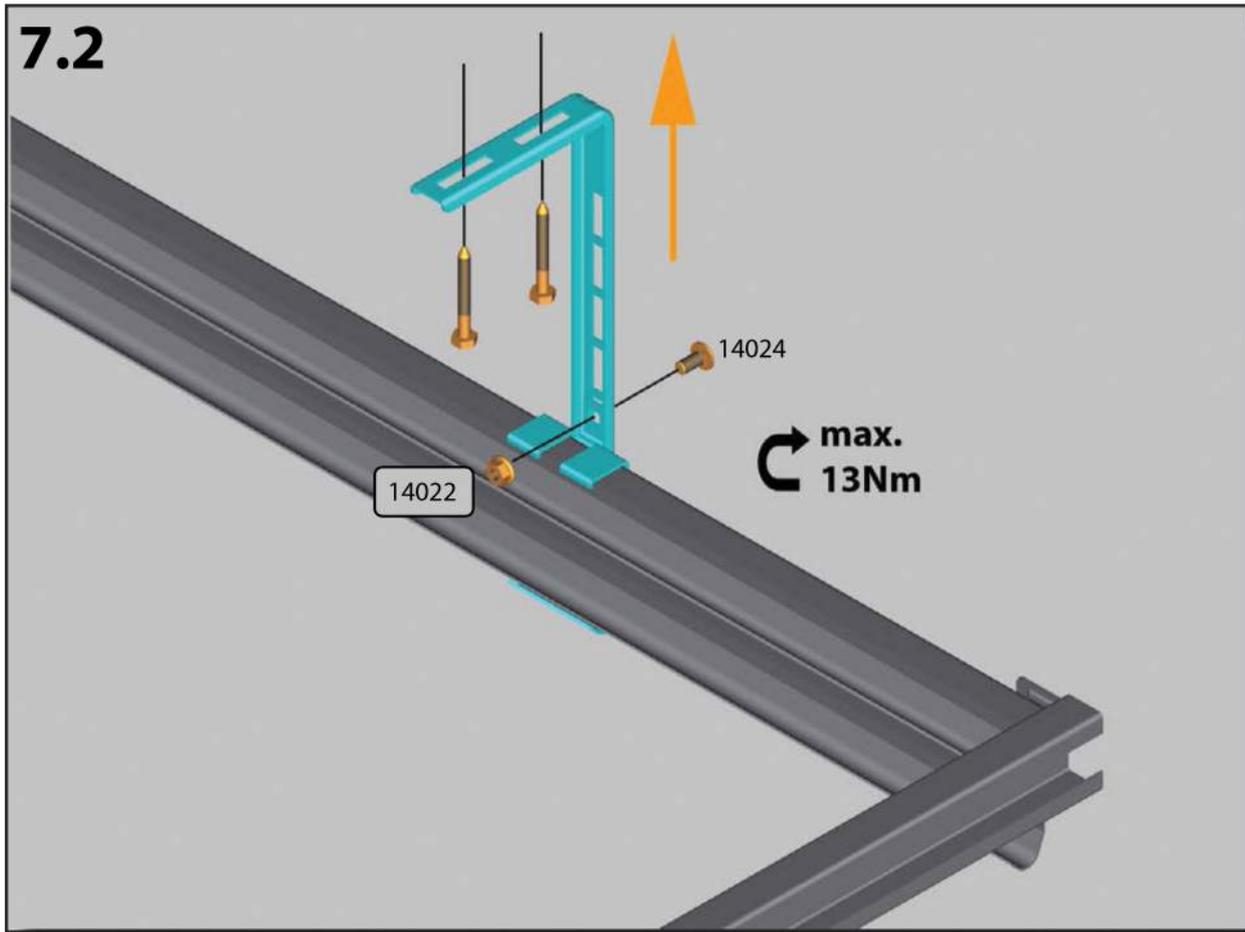
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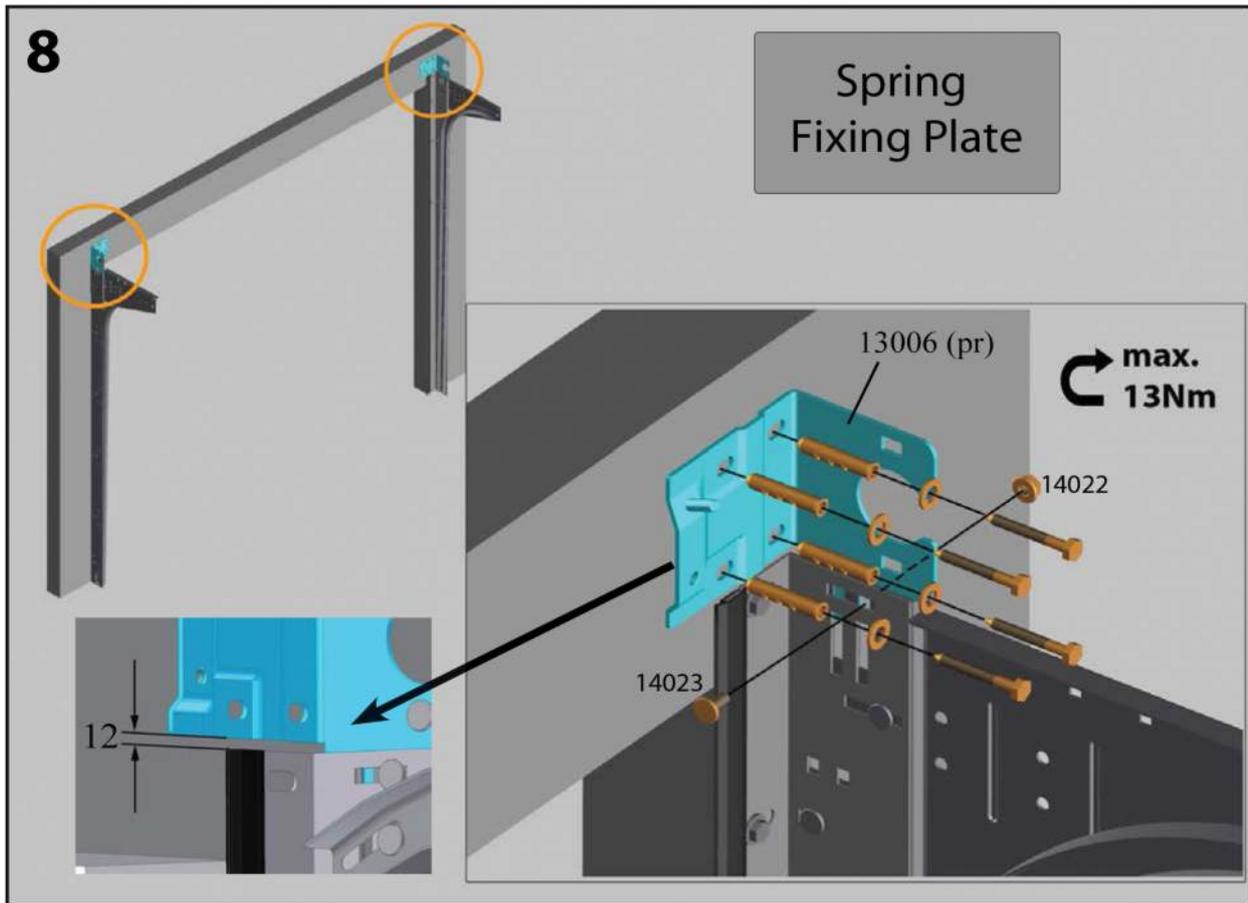


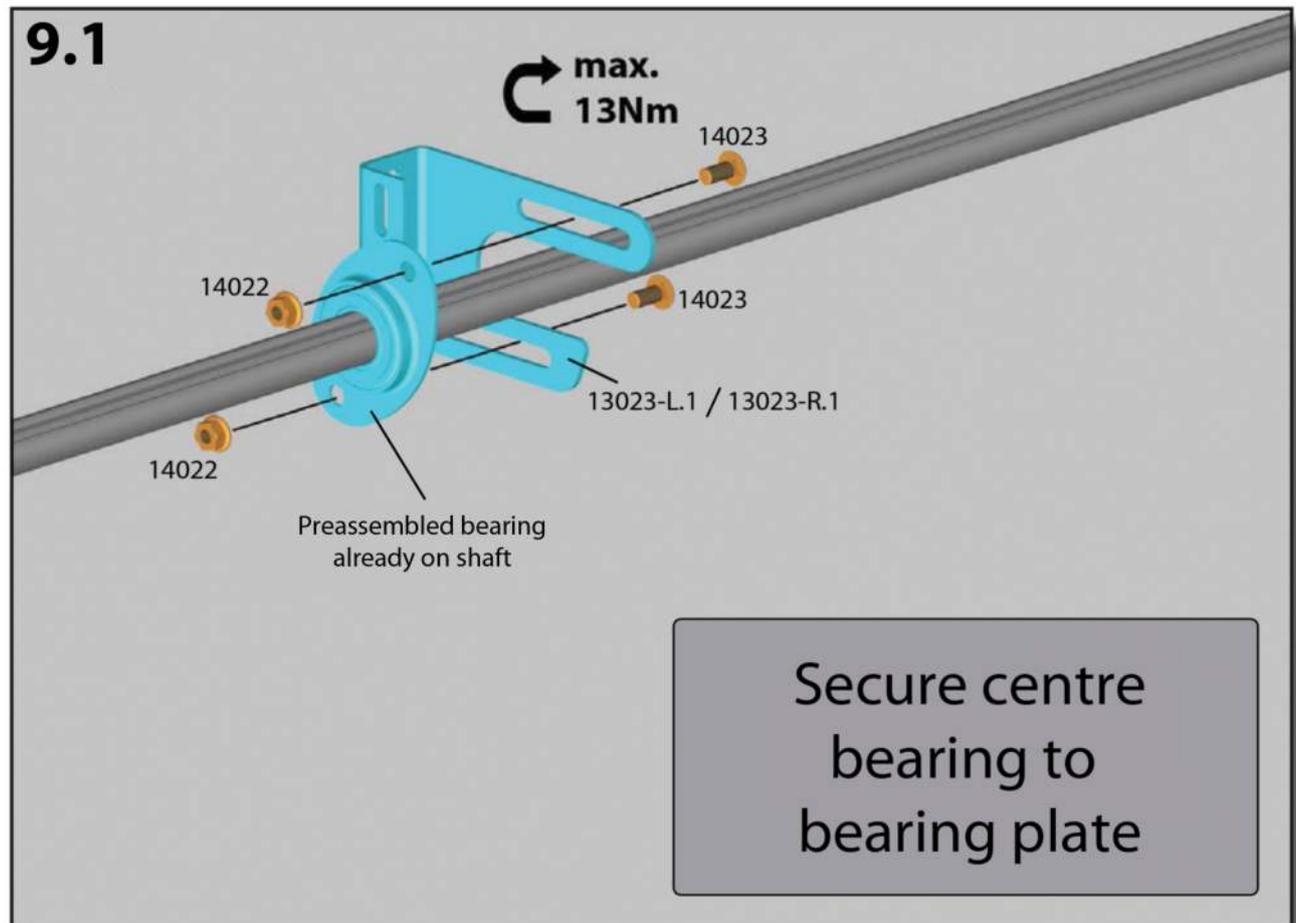
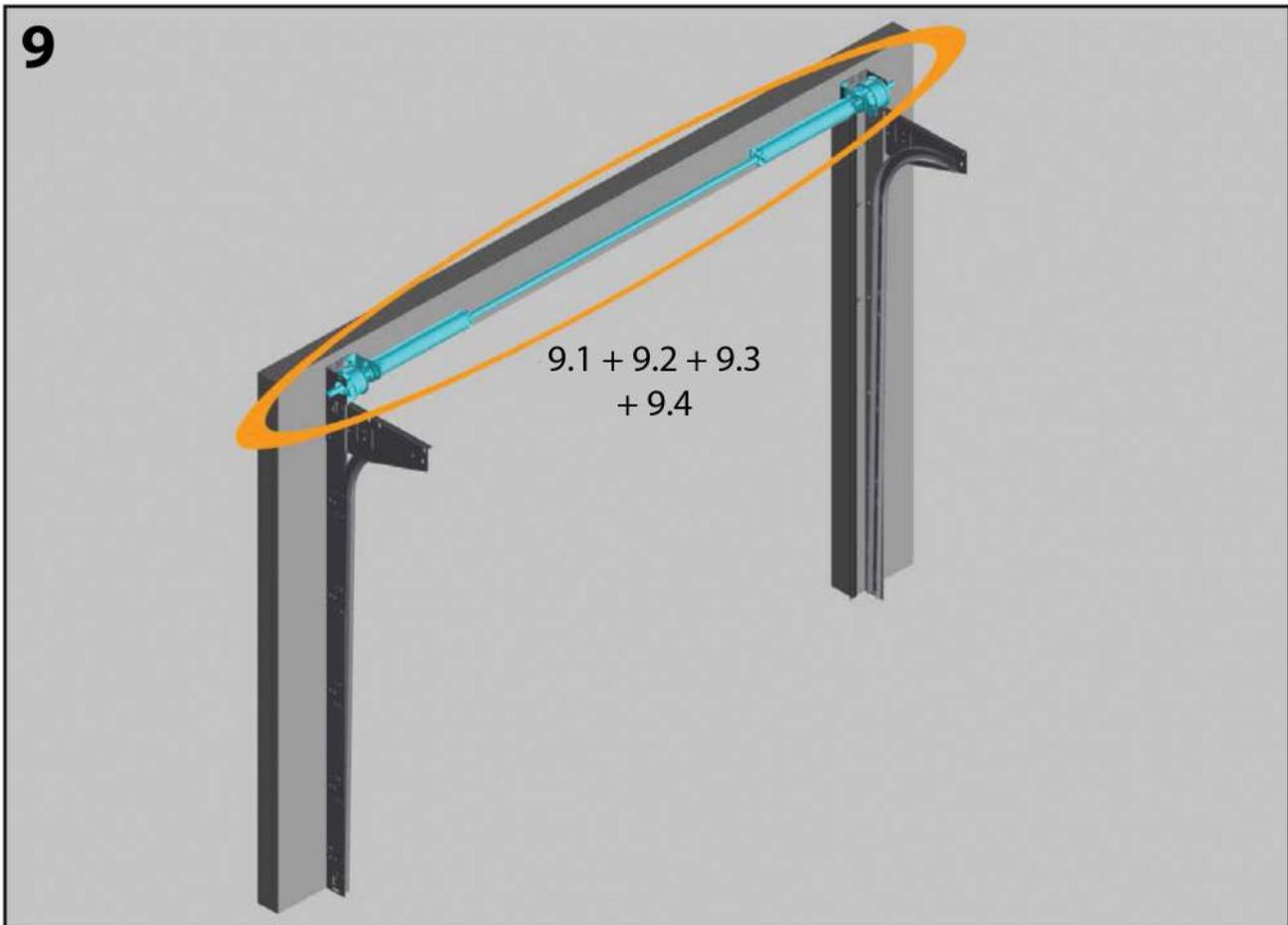
6.3

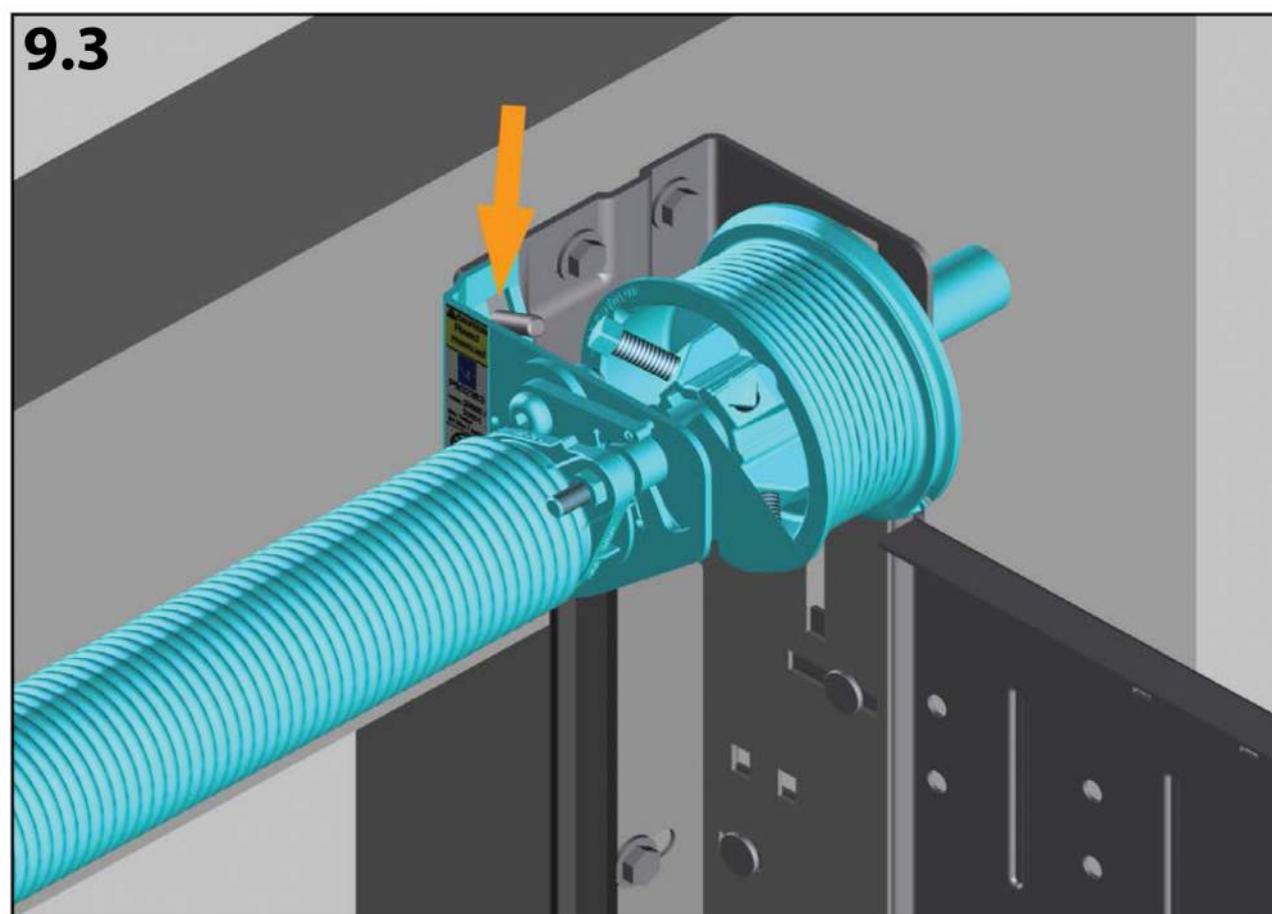
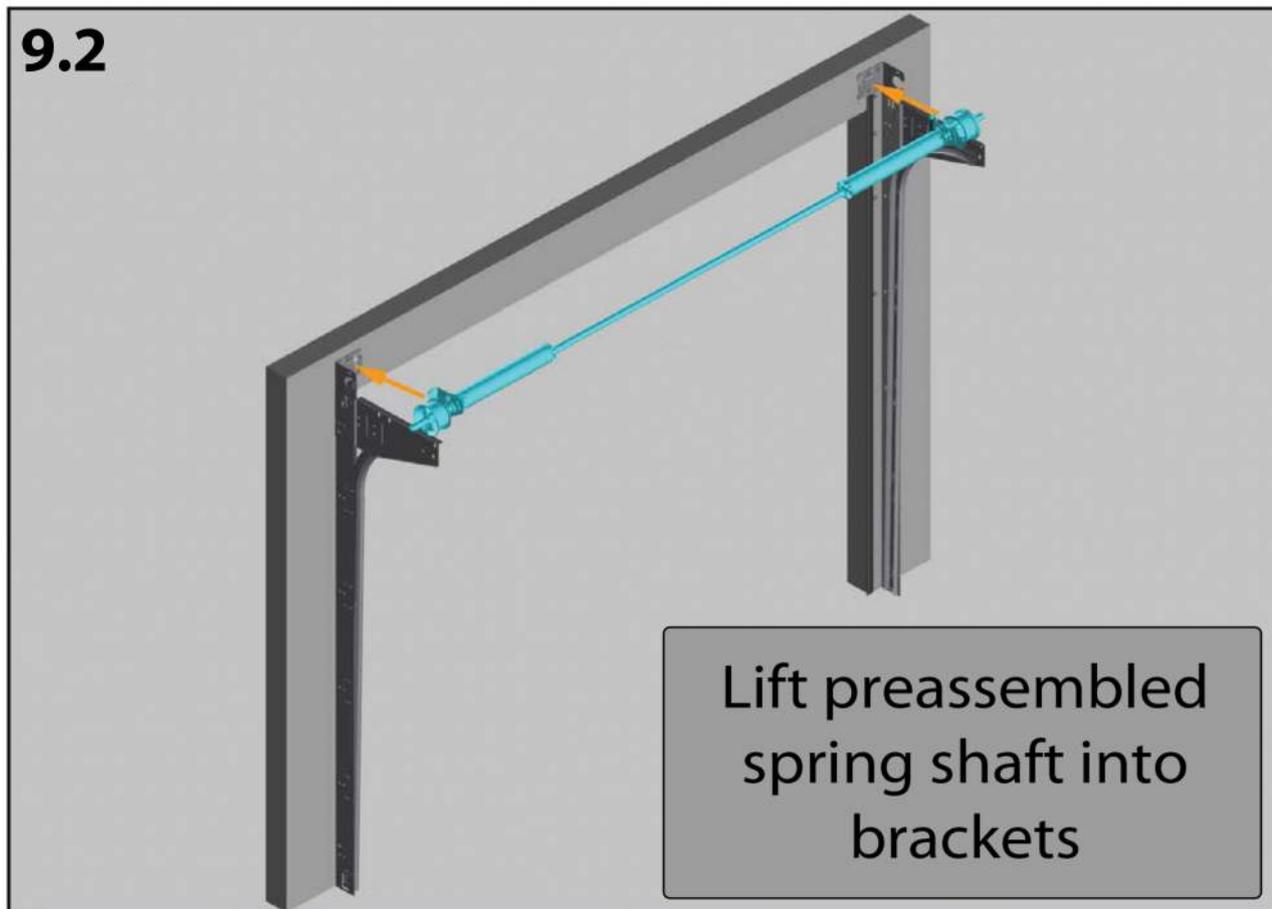


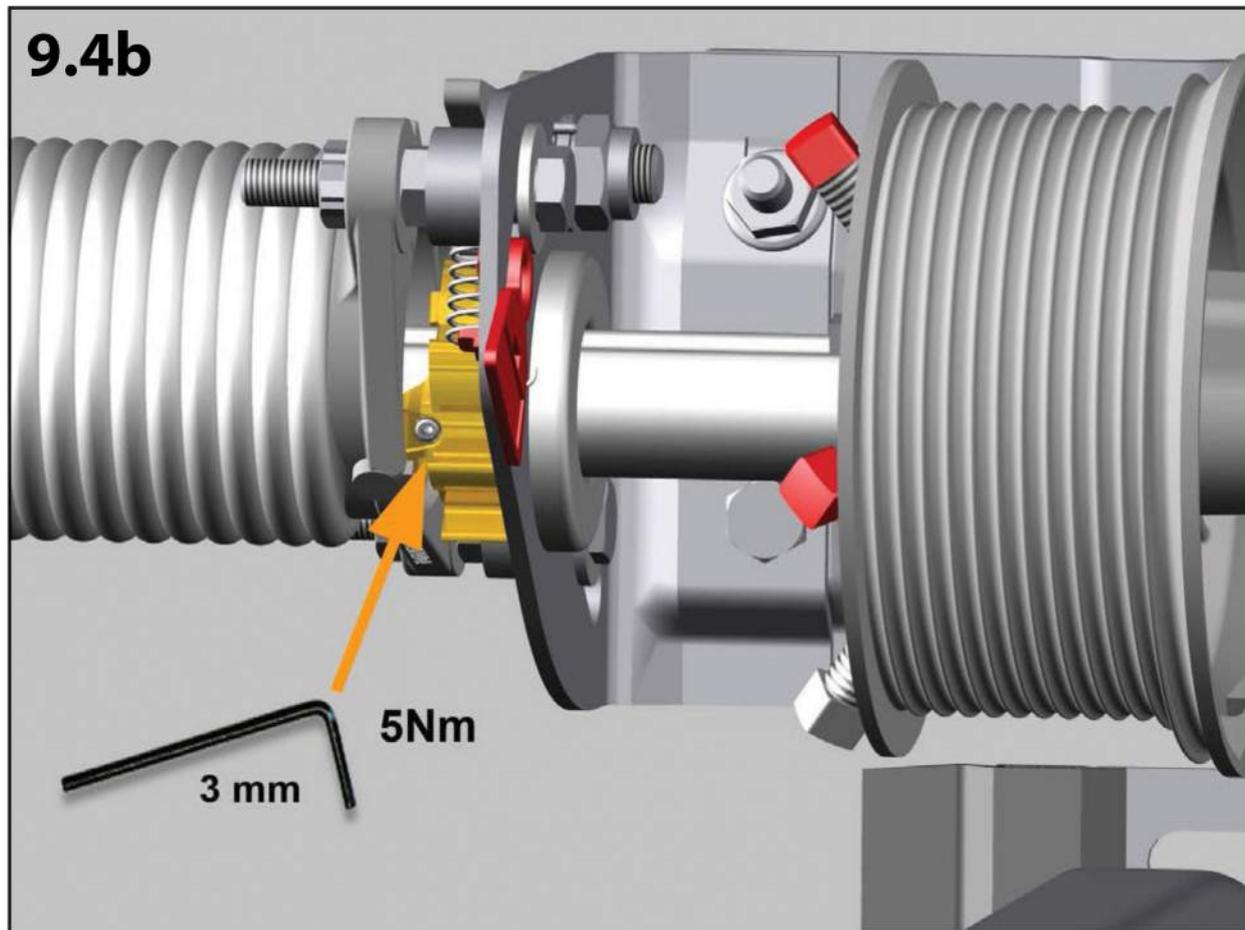
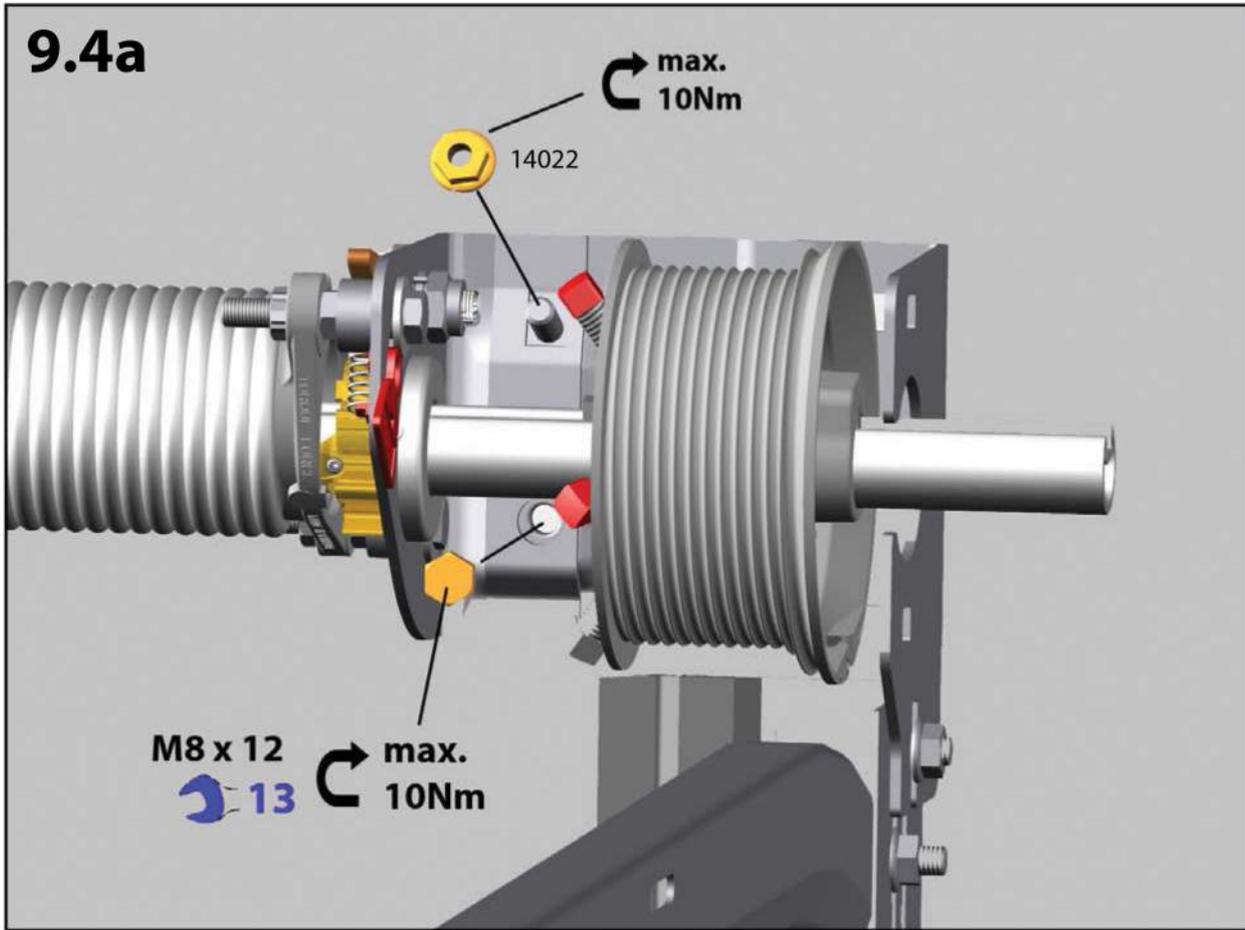


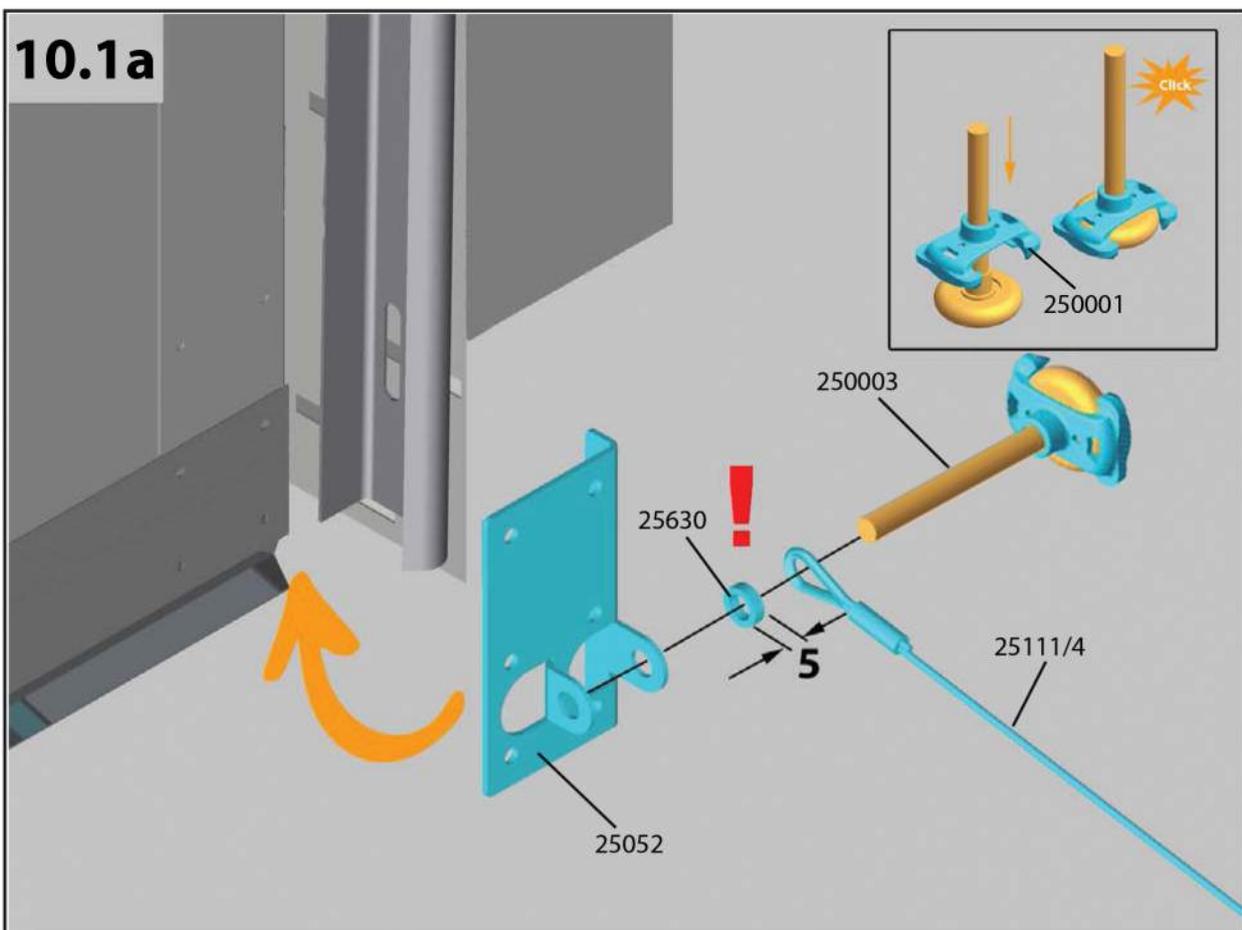
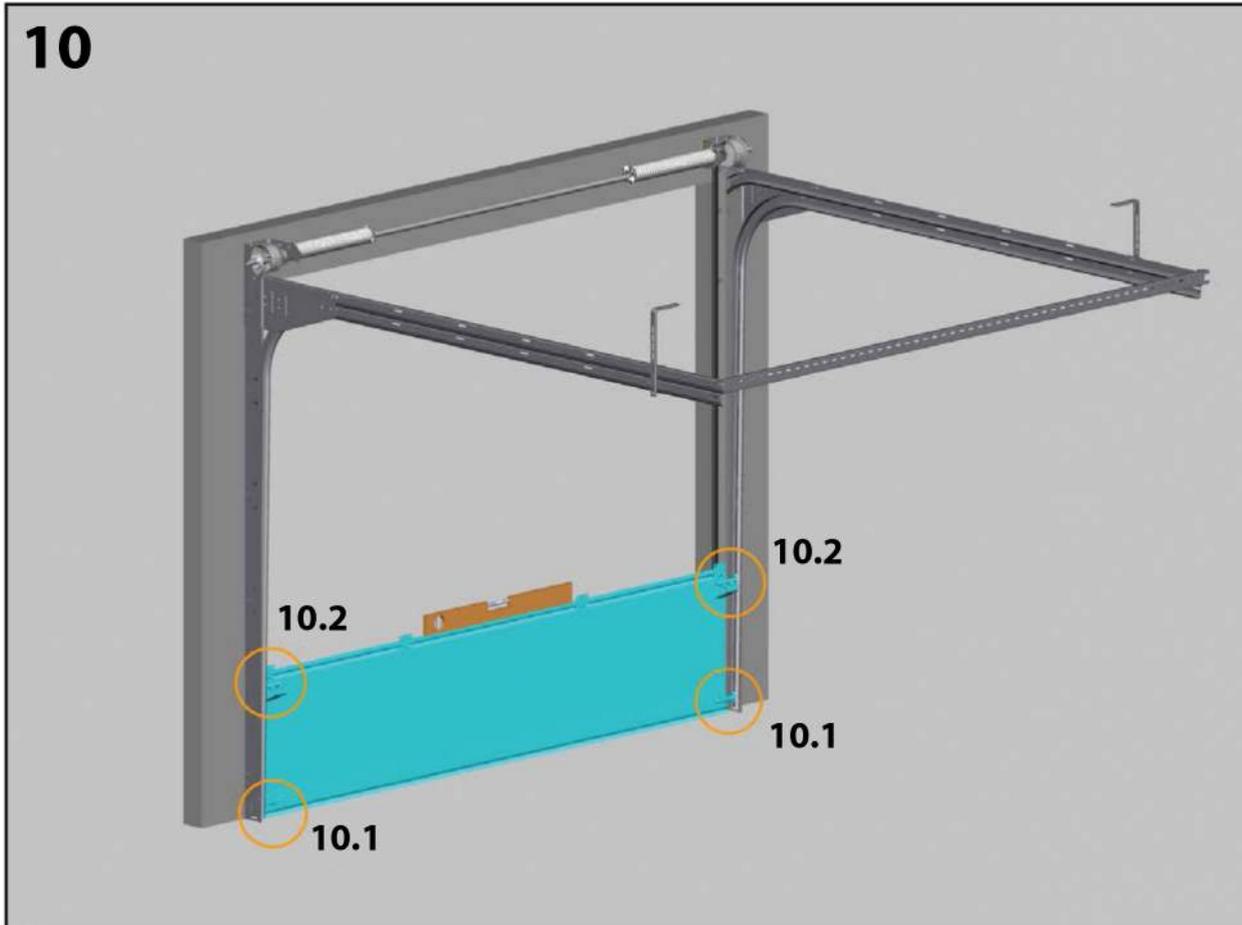


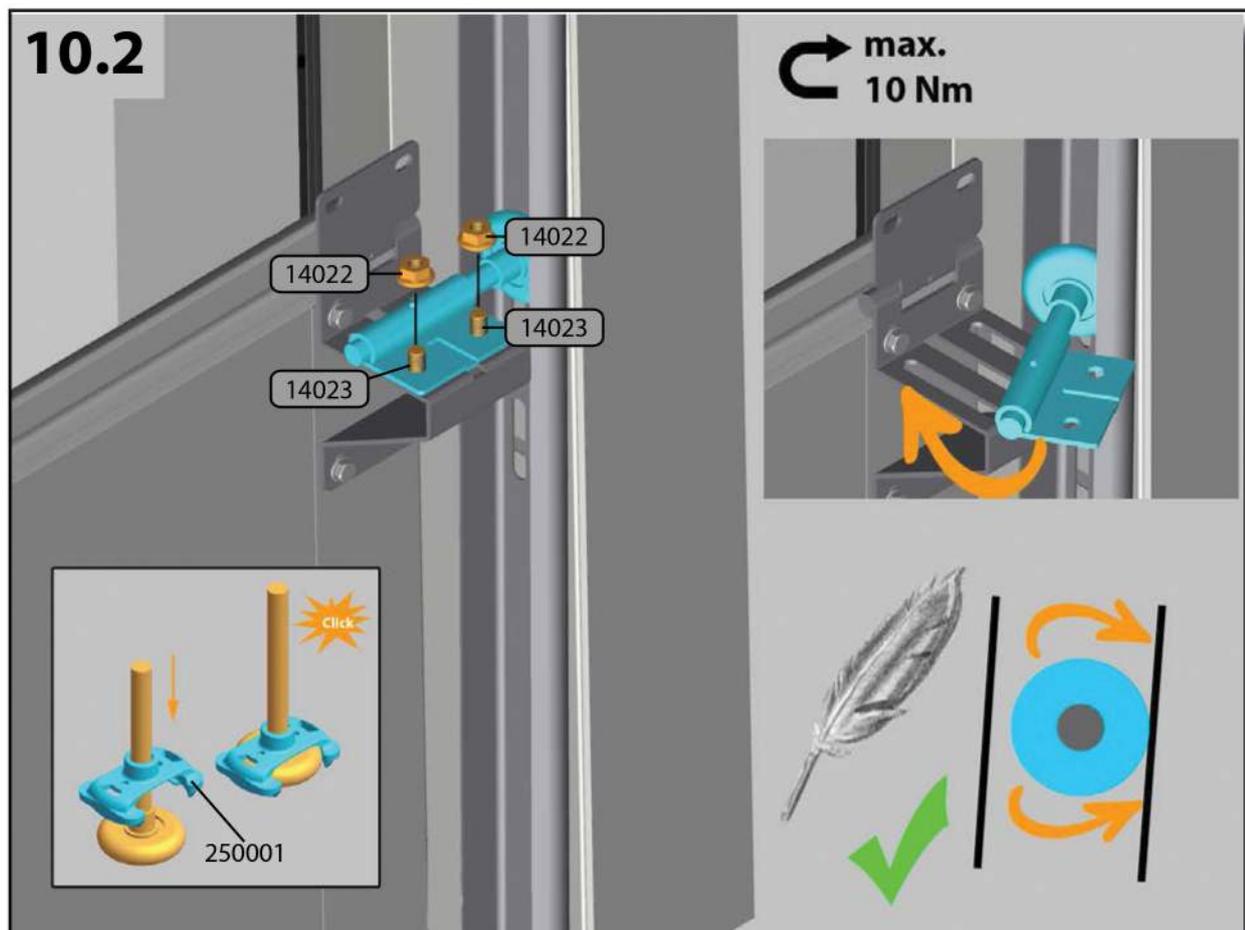
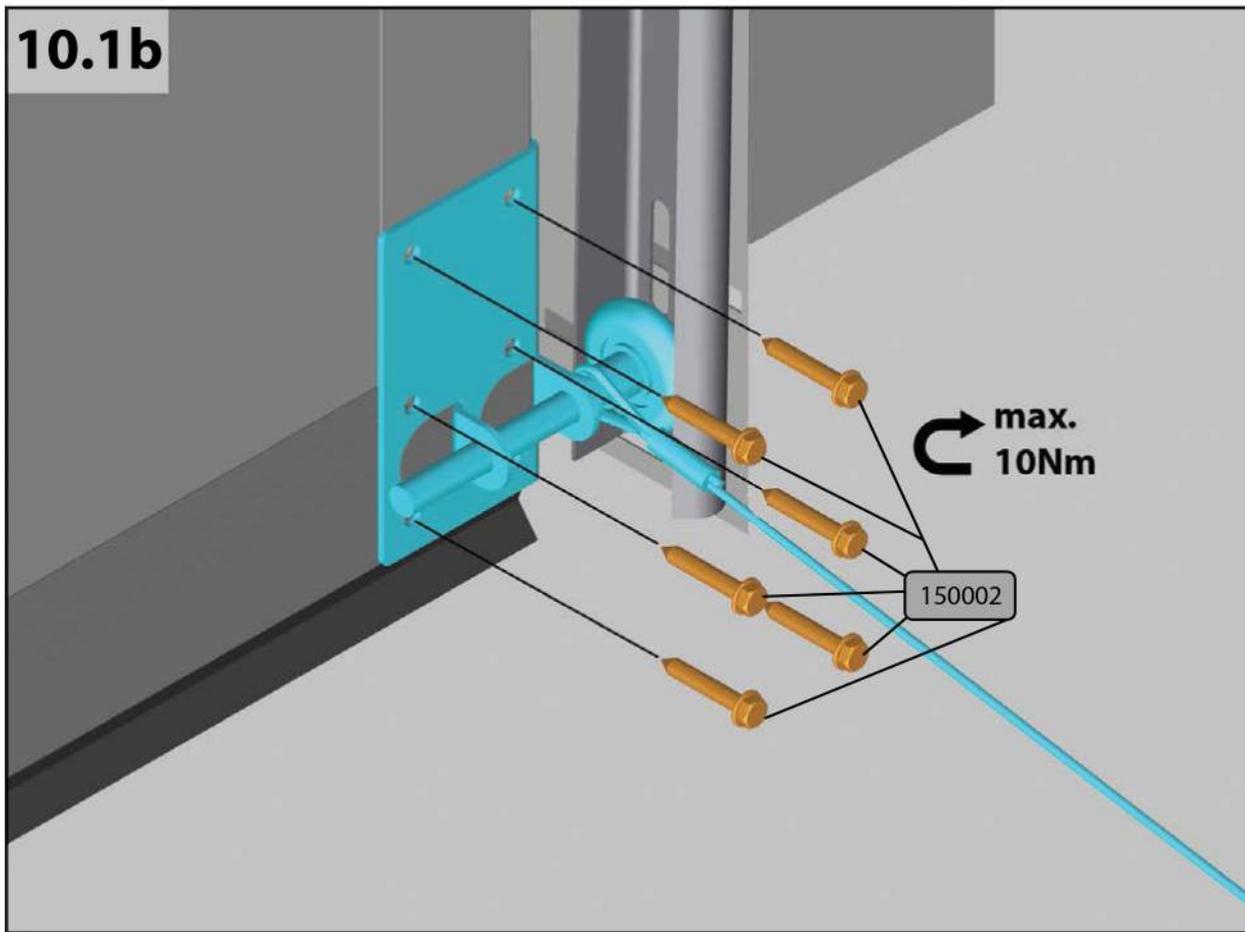


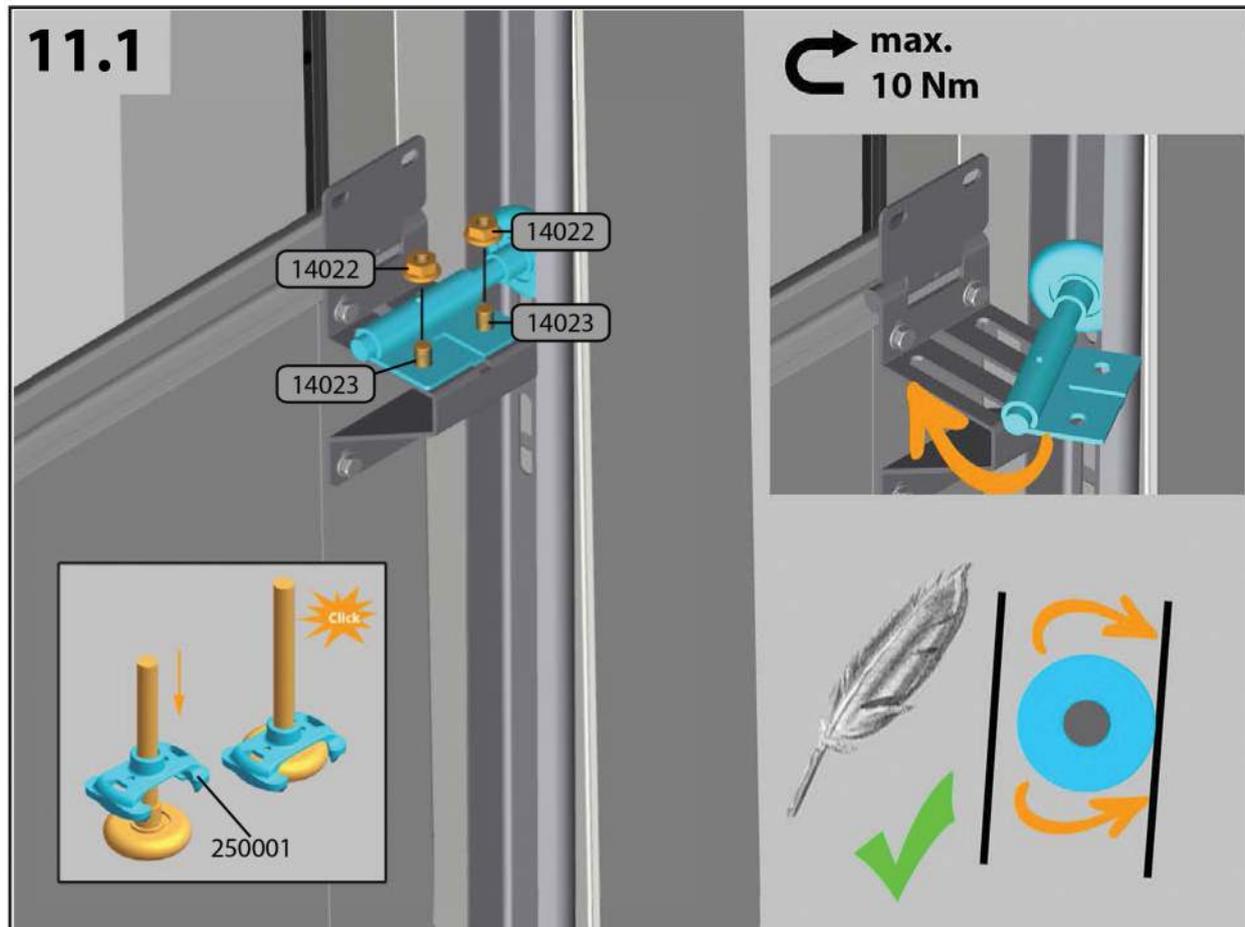
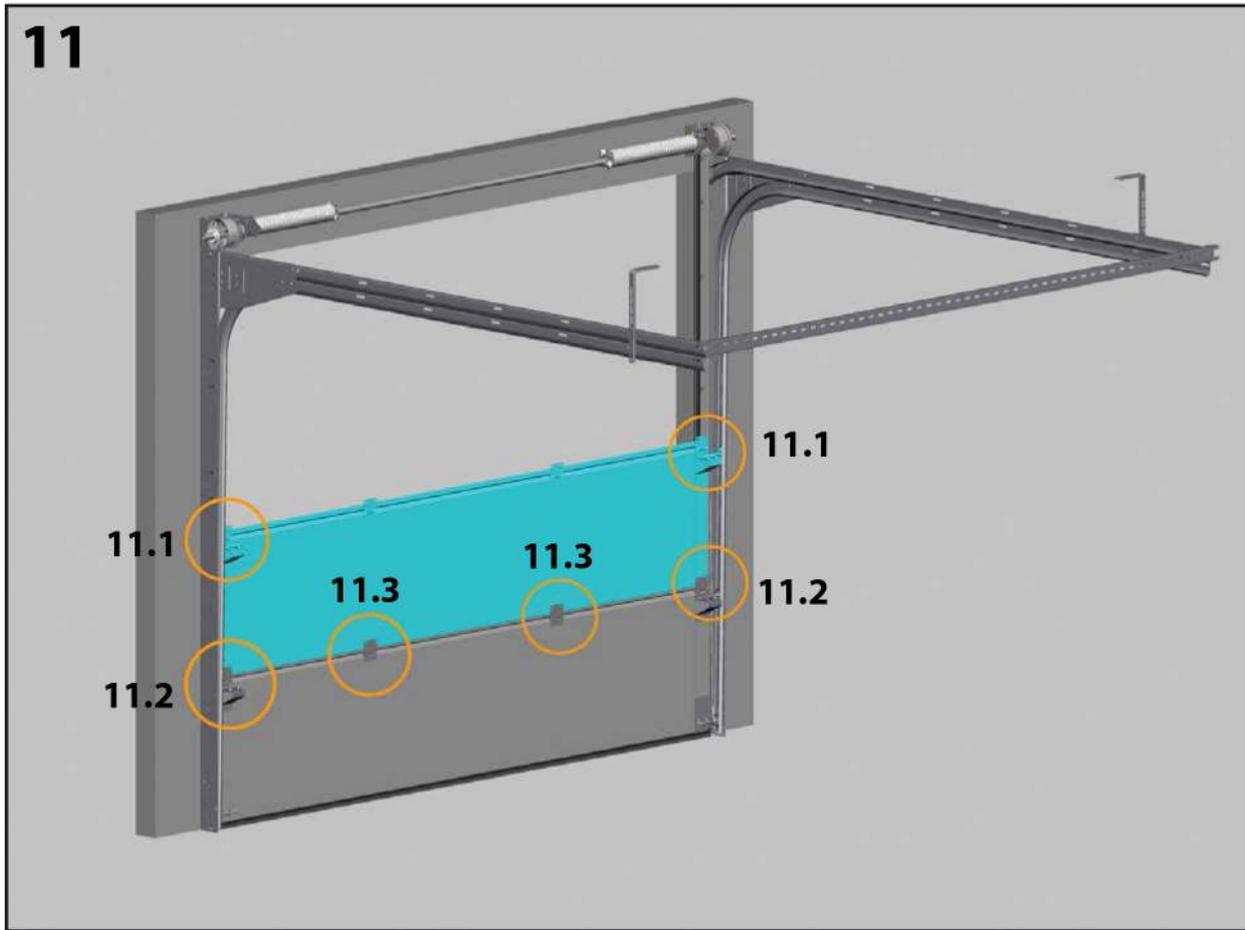


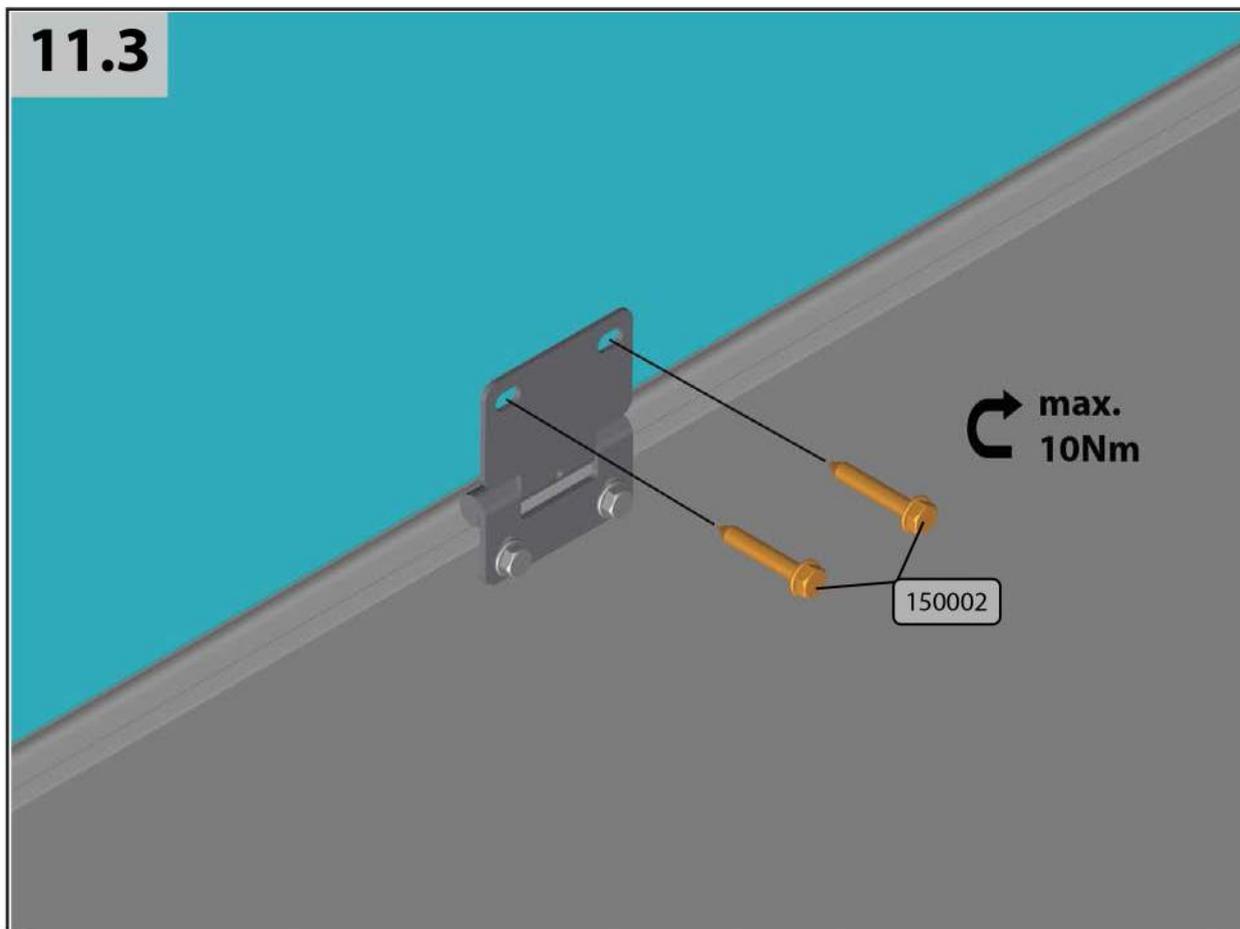
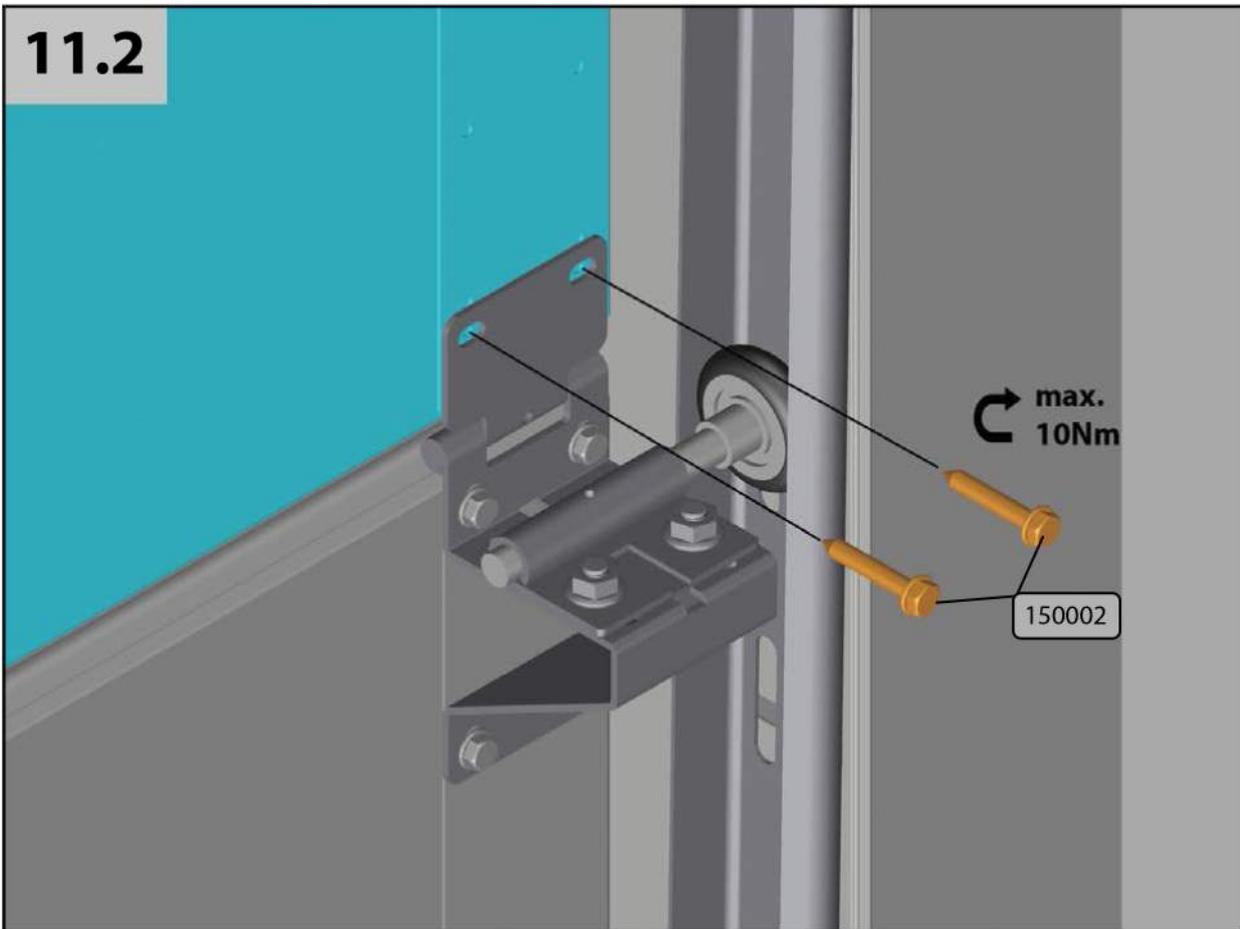




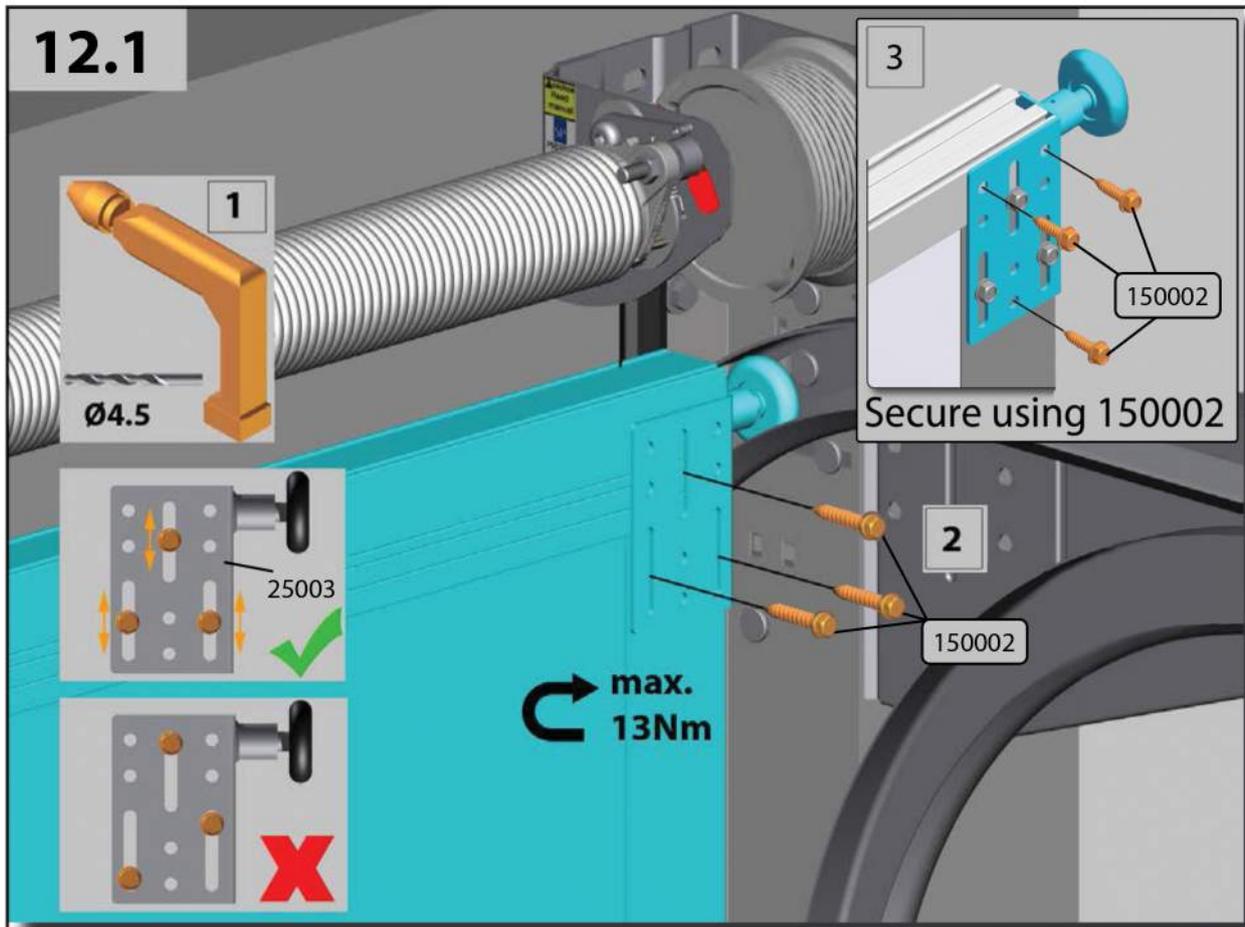
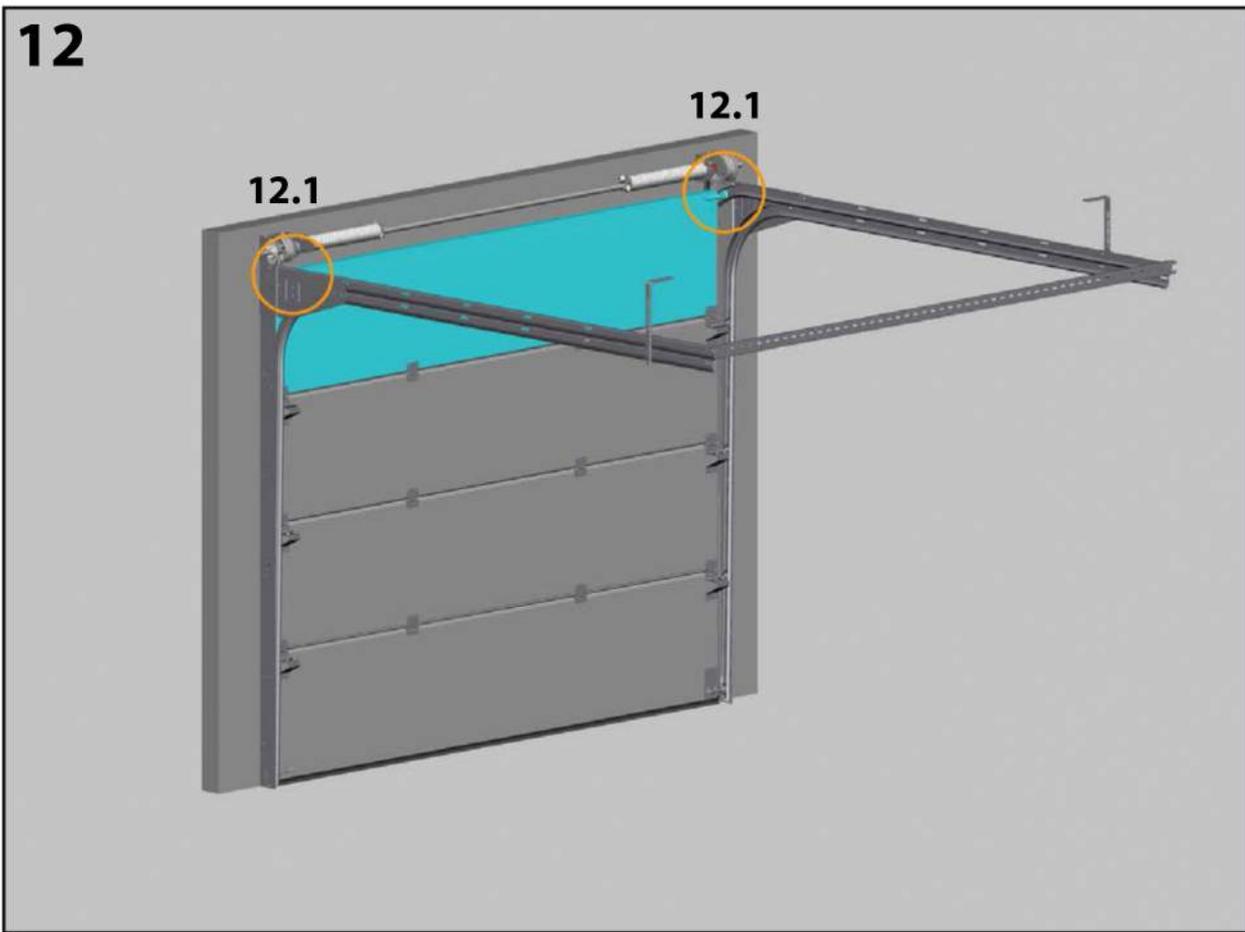


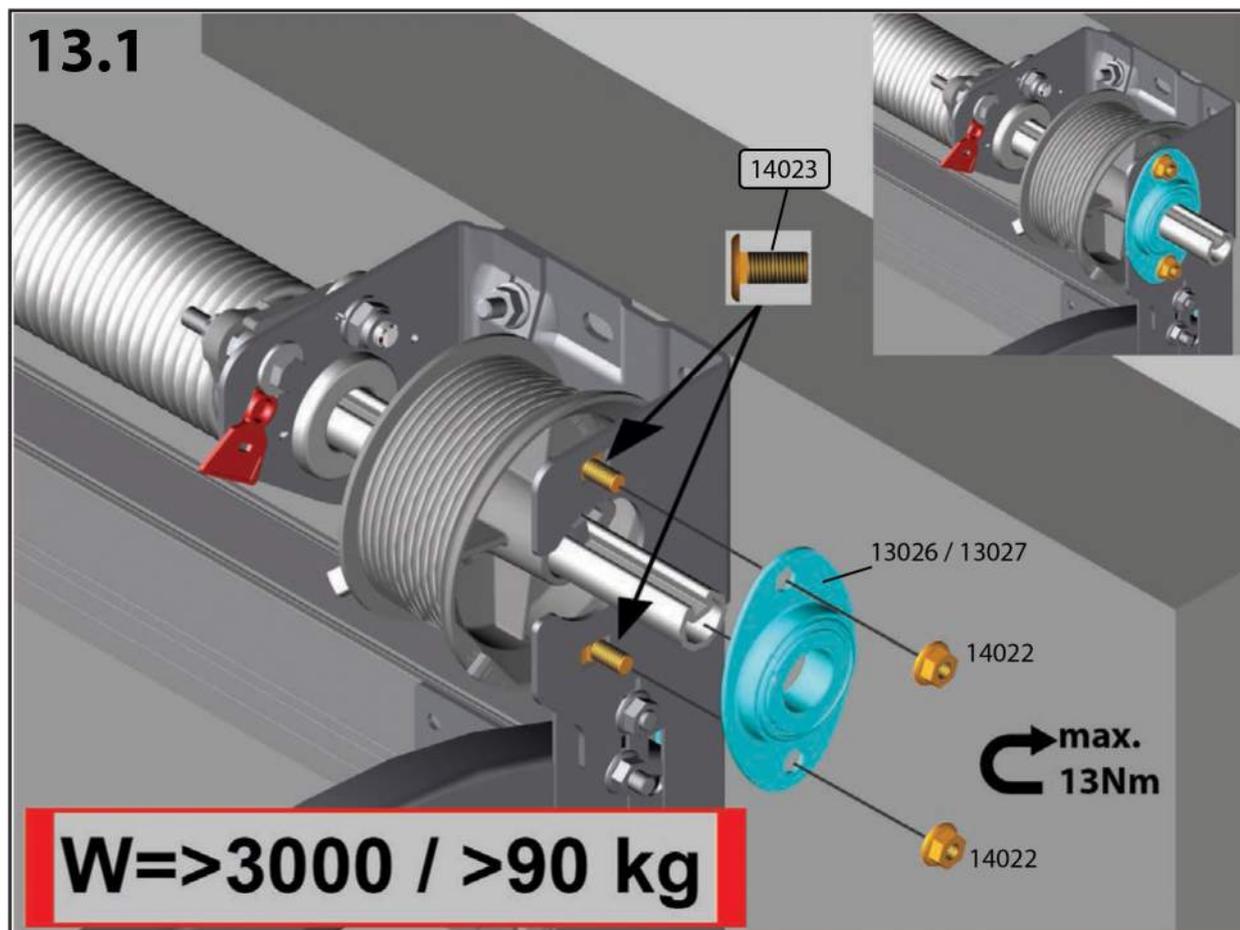
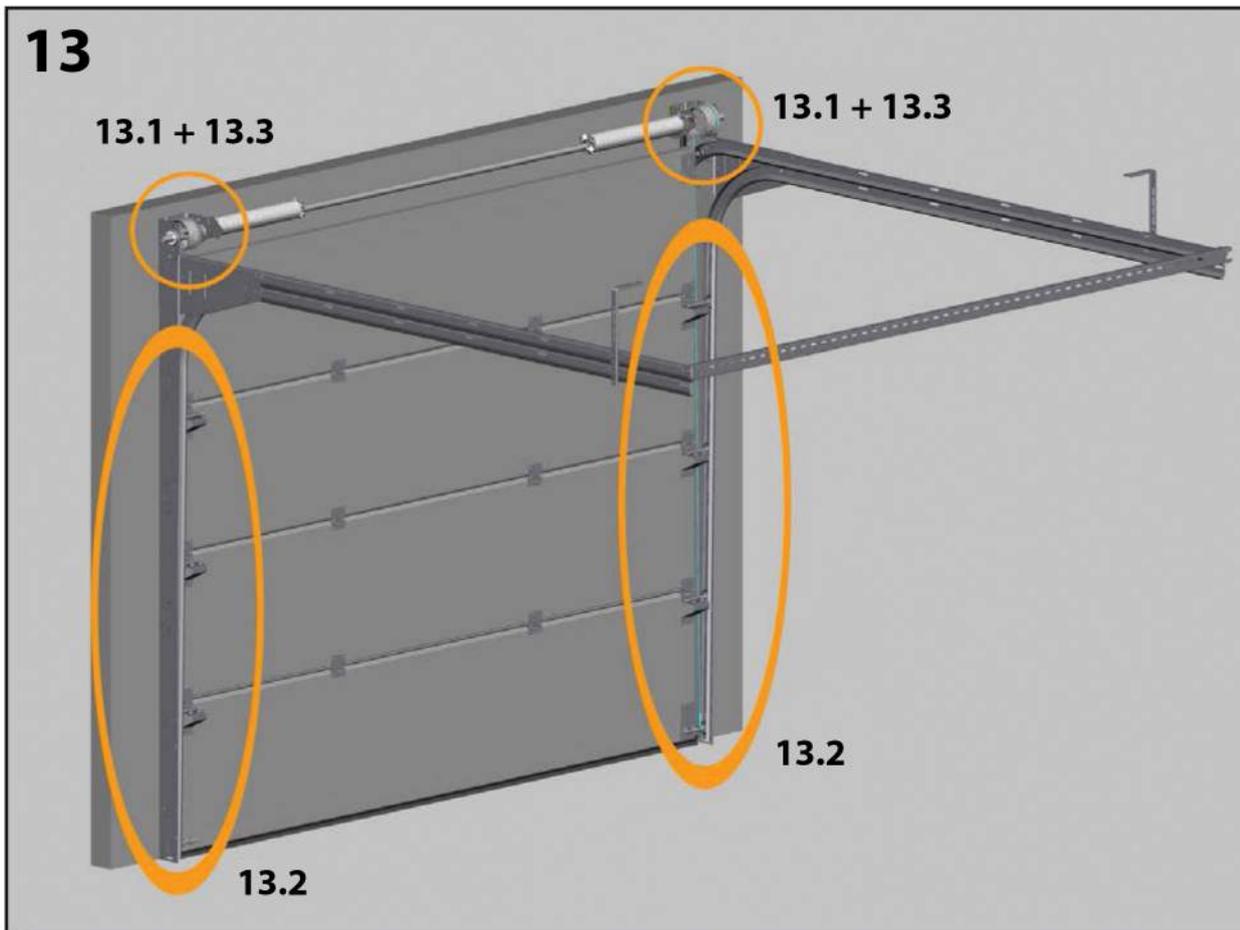




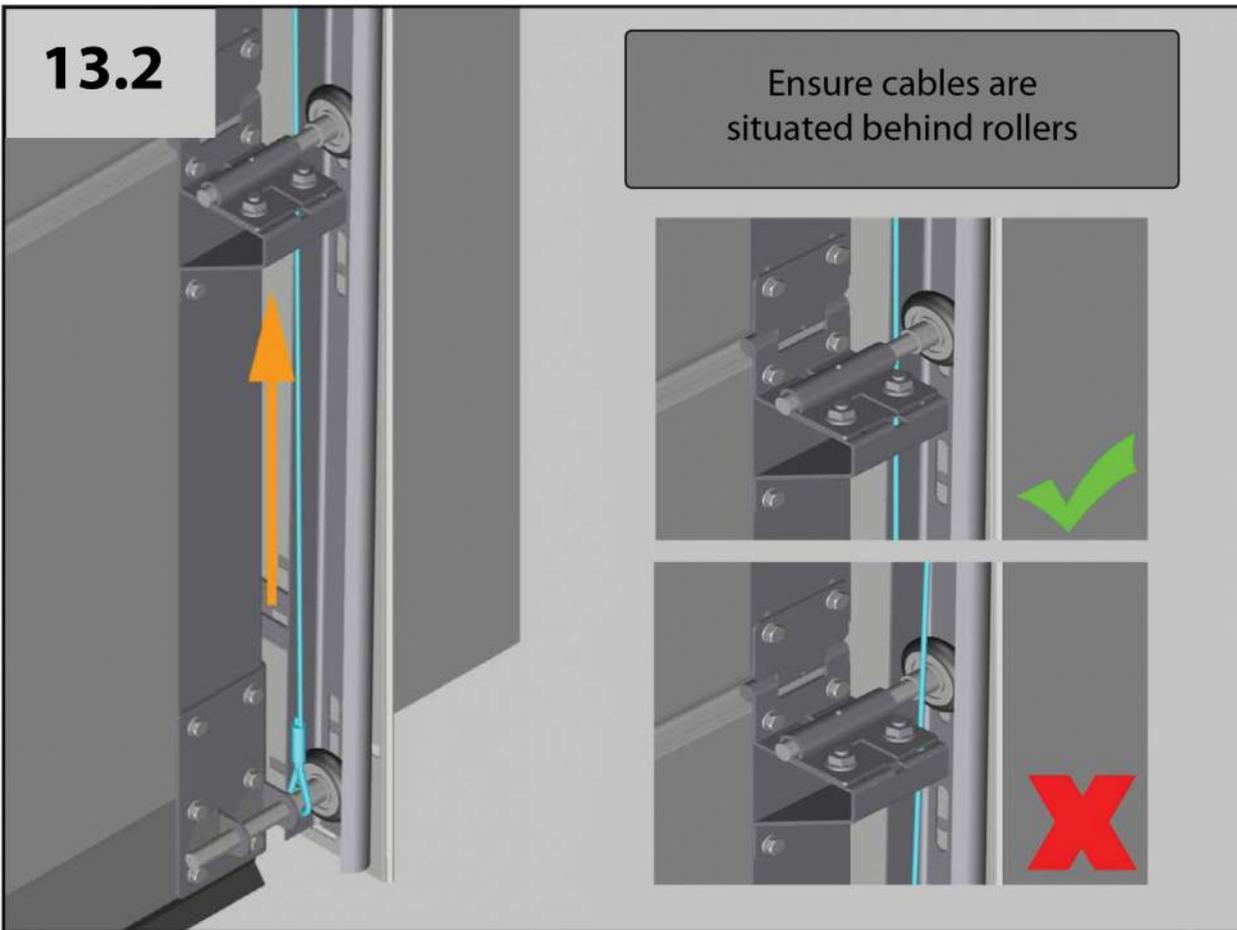


12

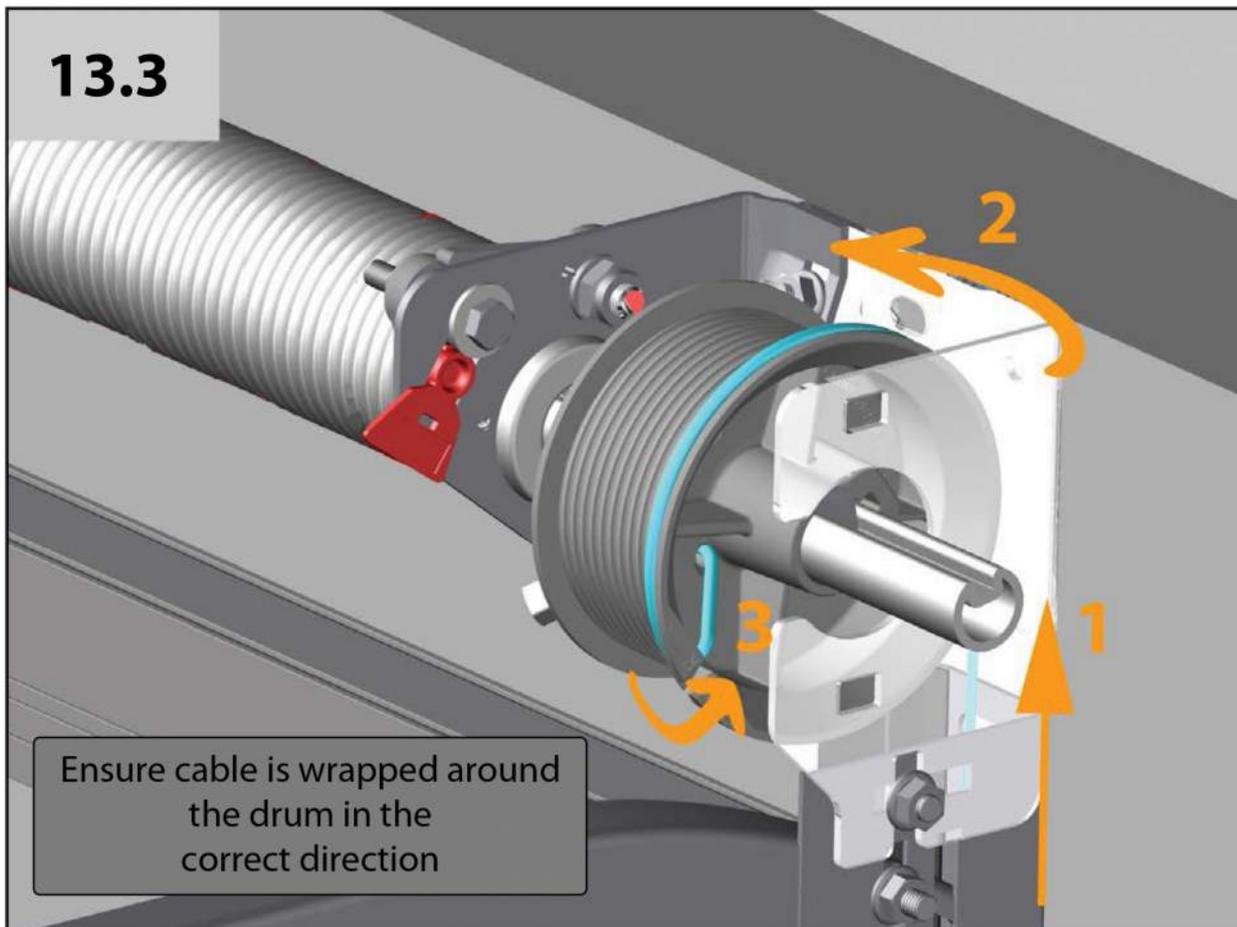




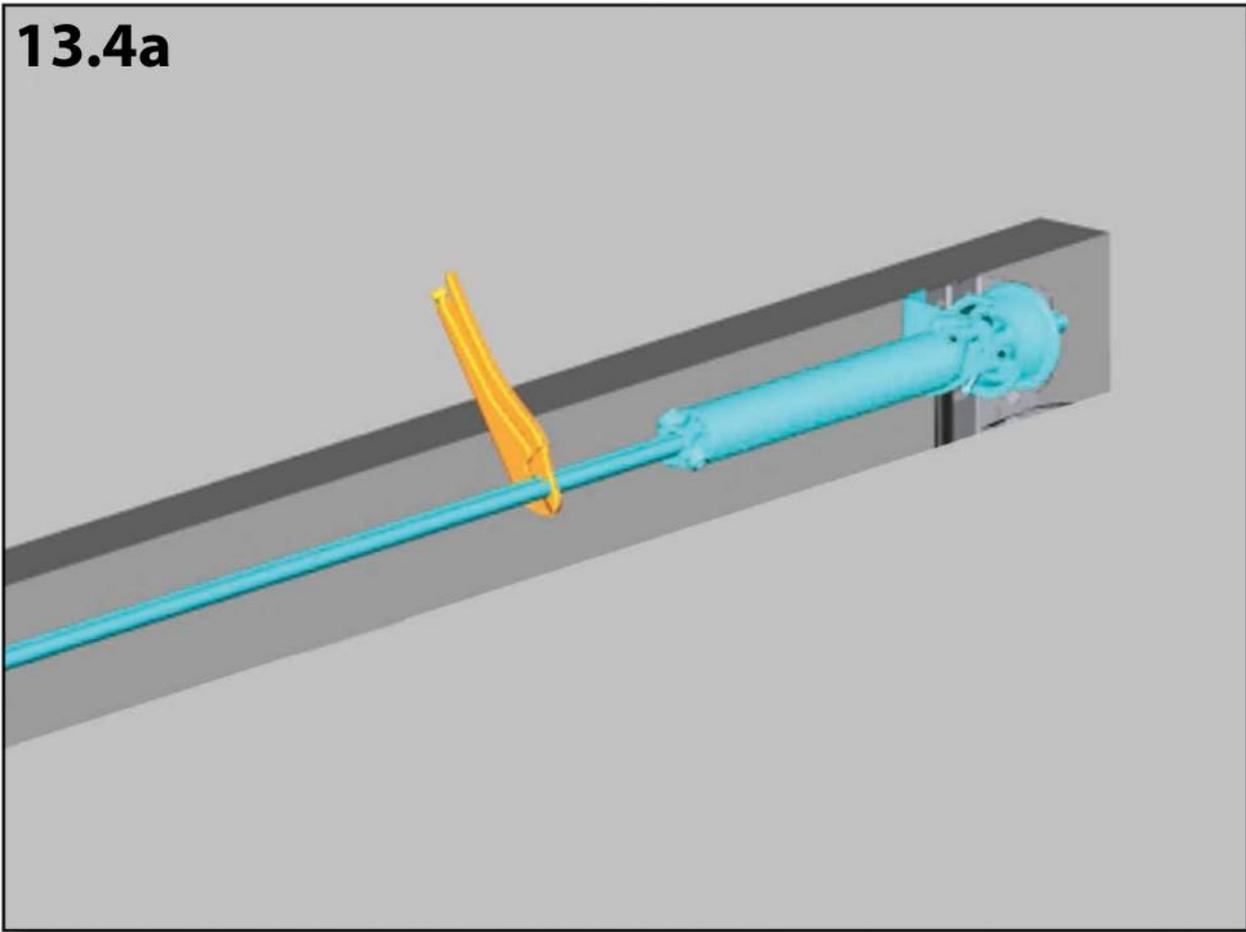
13.2



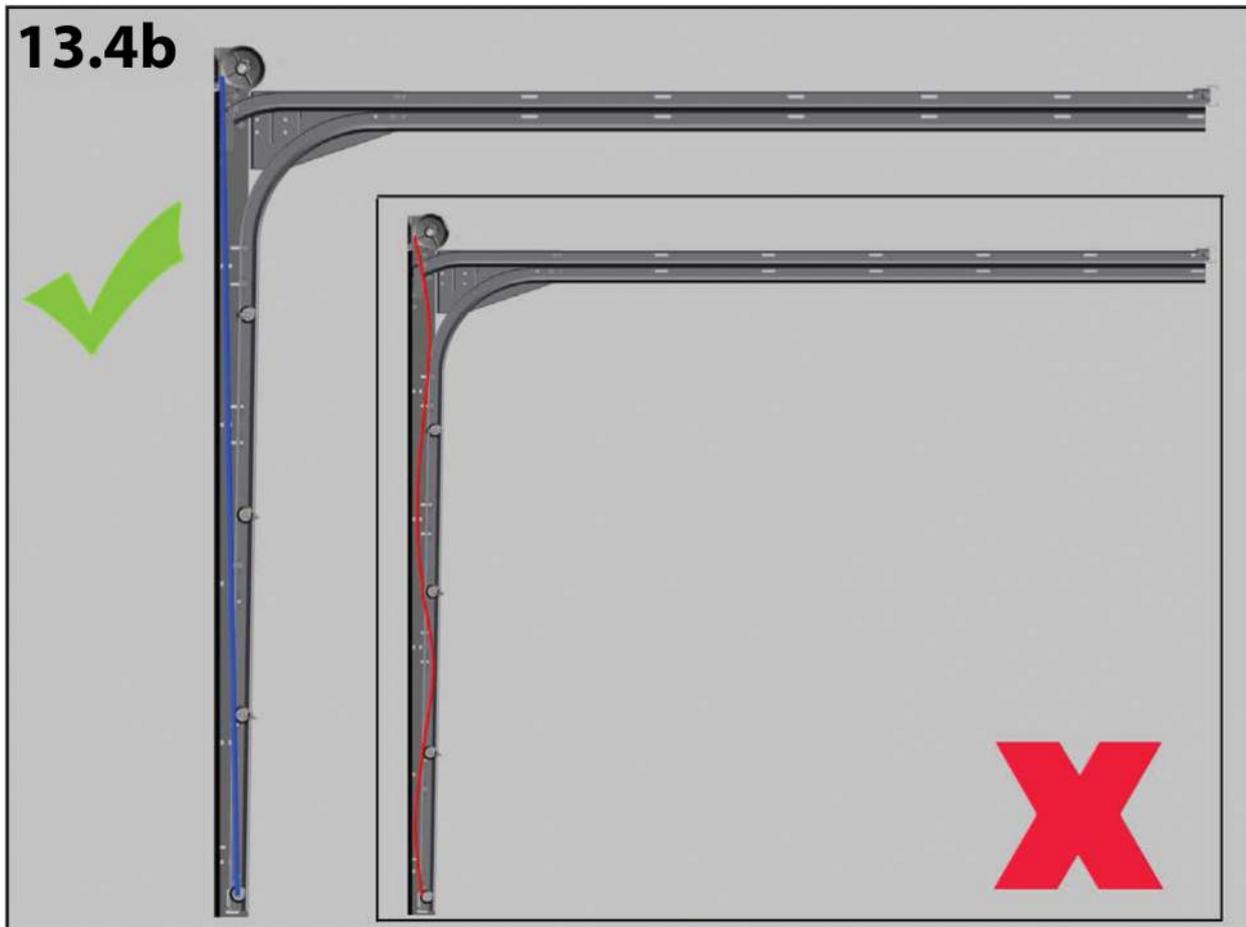
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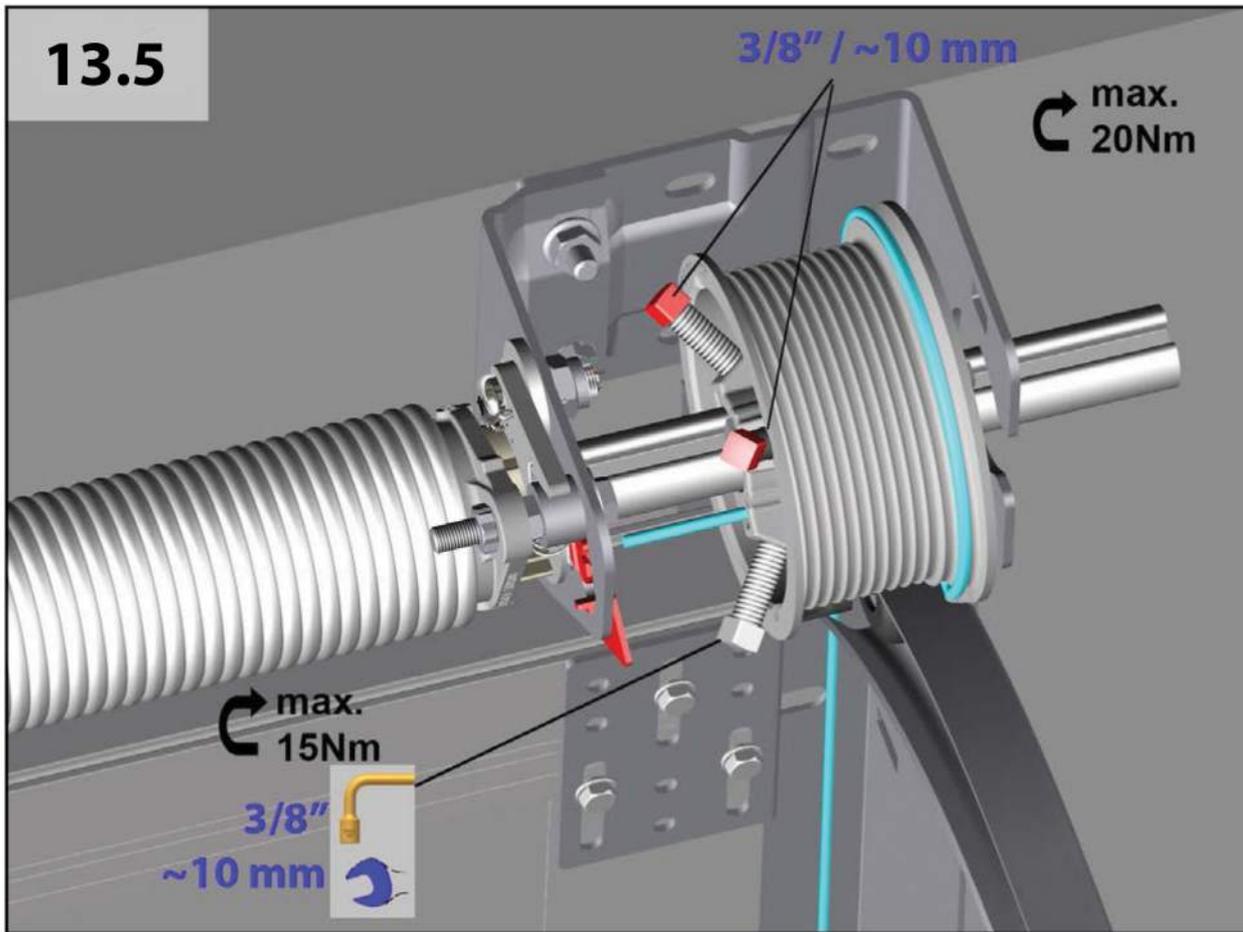


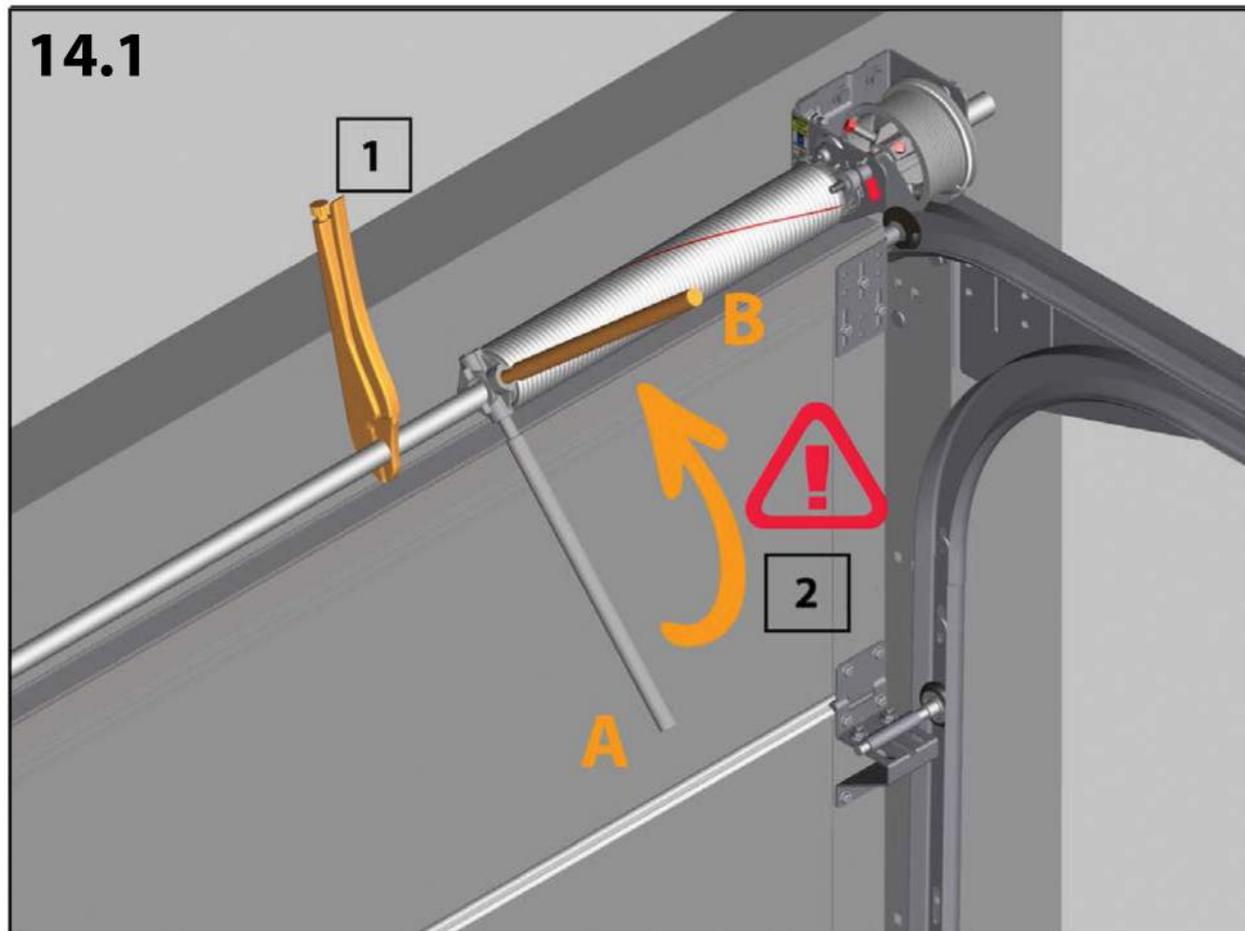
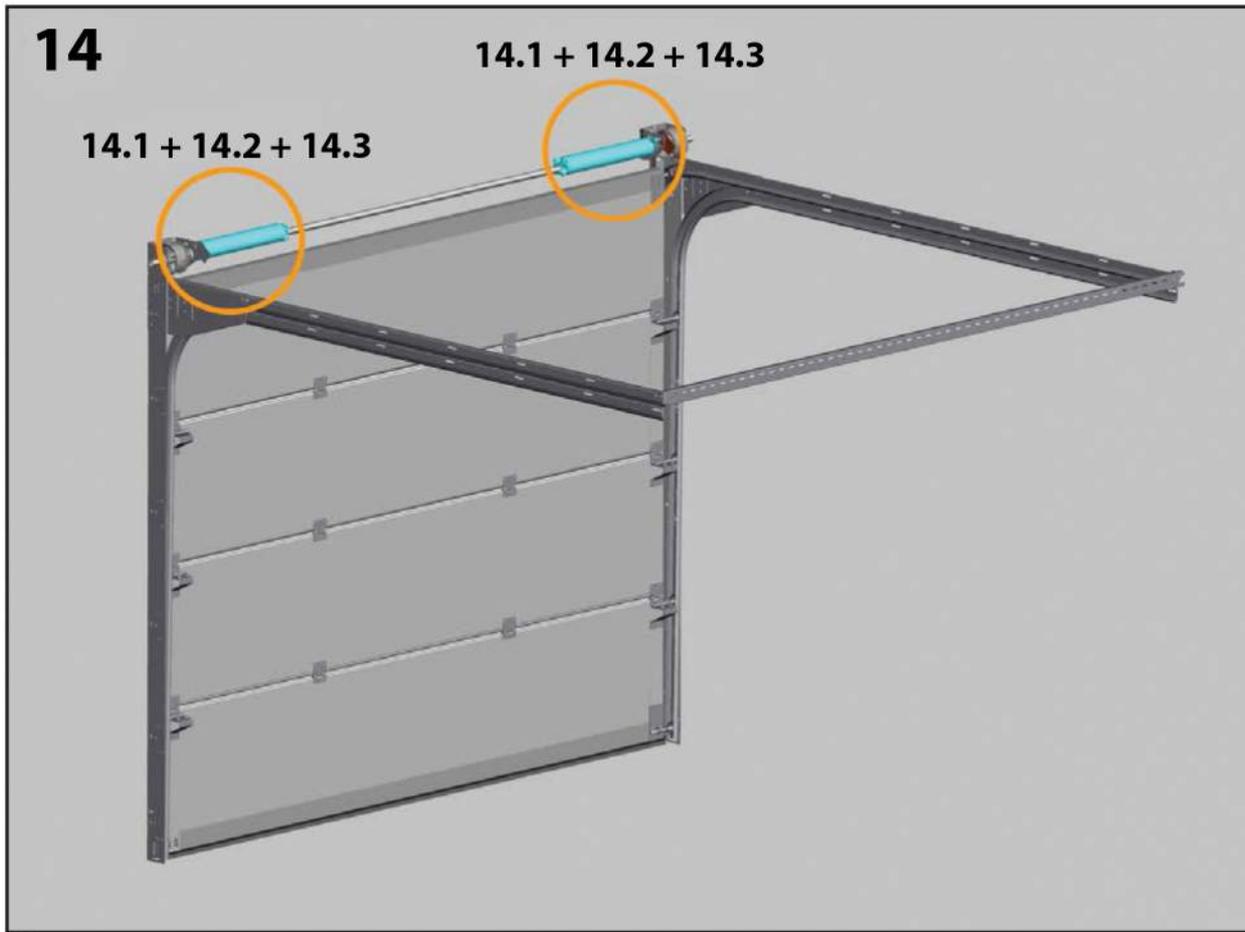
13.4a



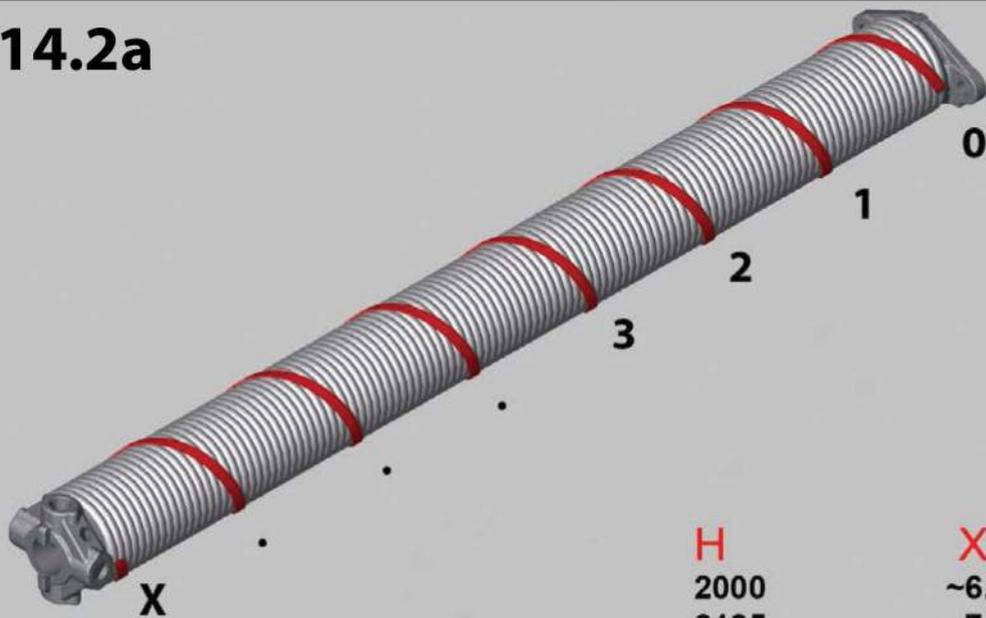
13.4b





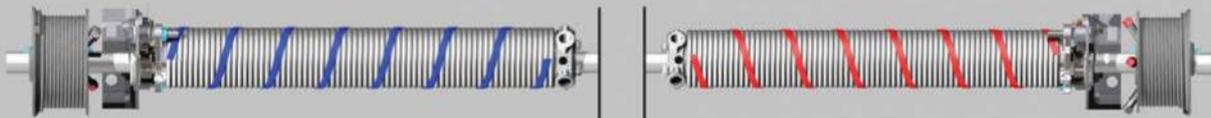


14.2a



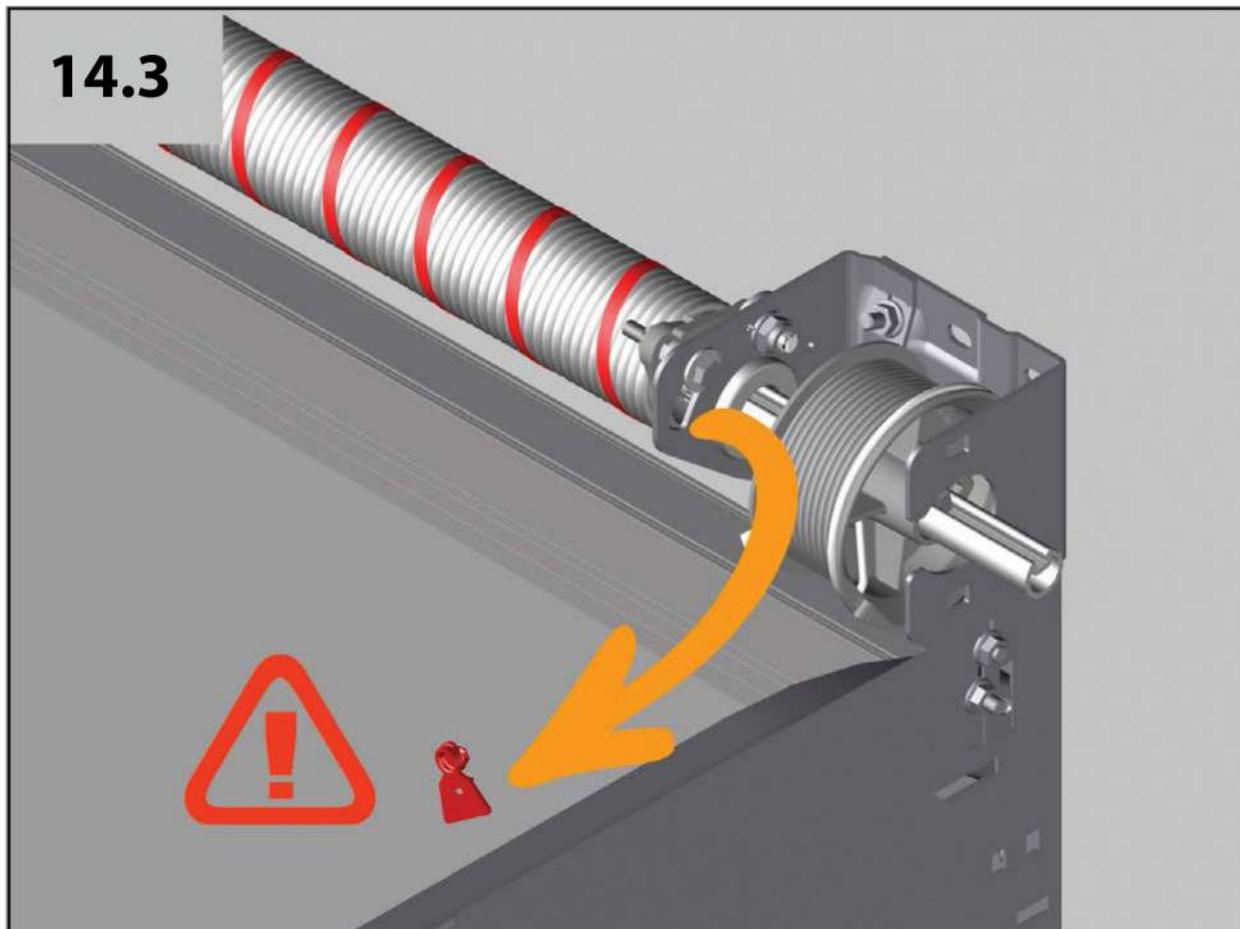
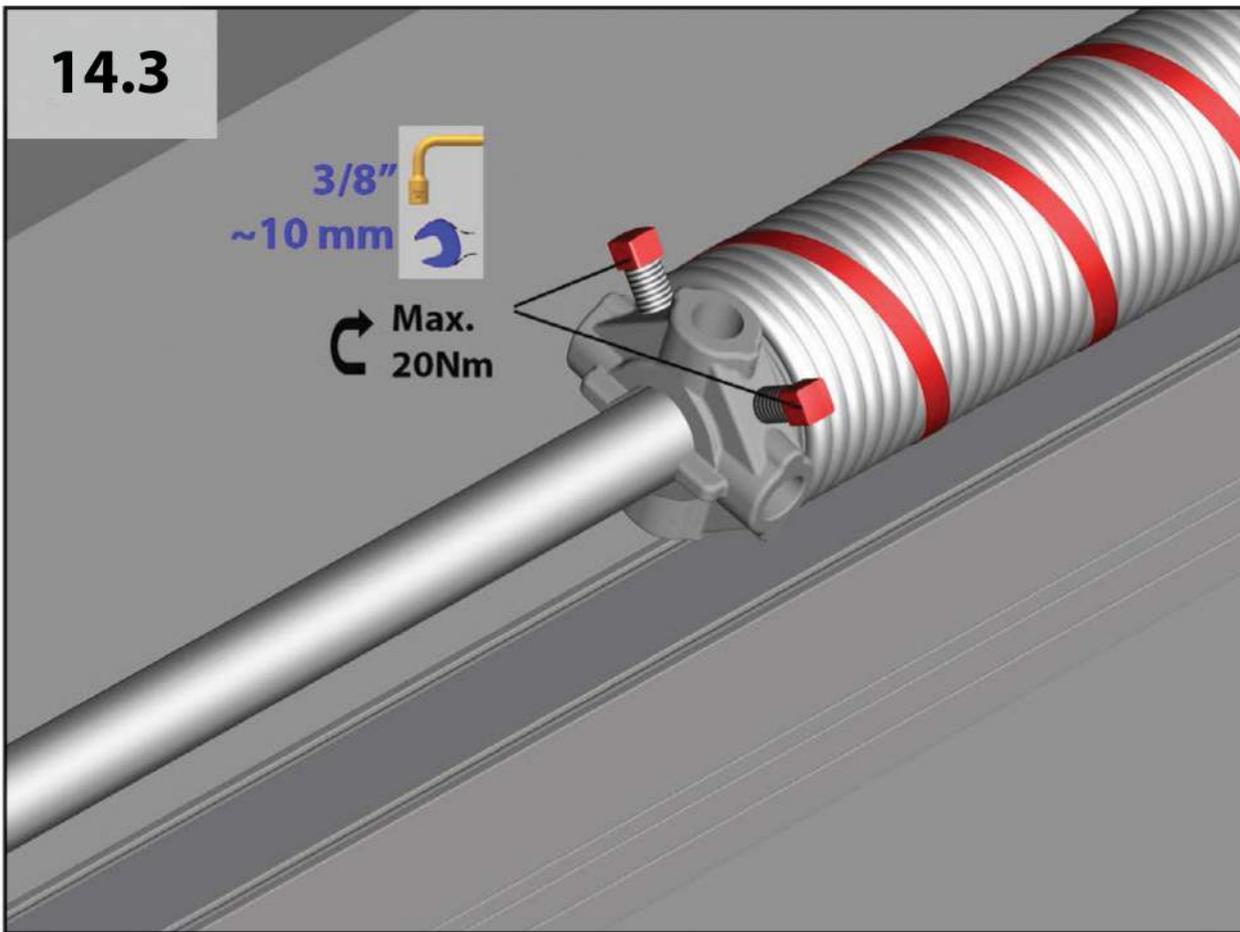
H	X
2000	~6.8
2125	~7.1
2250	~7.5
2375	~7.9
2500	~8.2
2625	~8.6
2750	~9.0
2875	~9.4
3000	~9.7

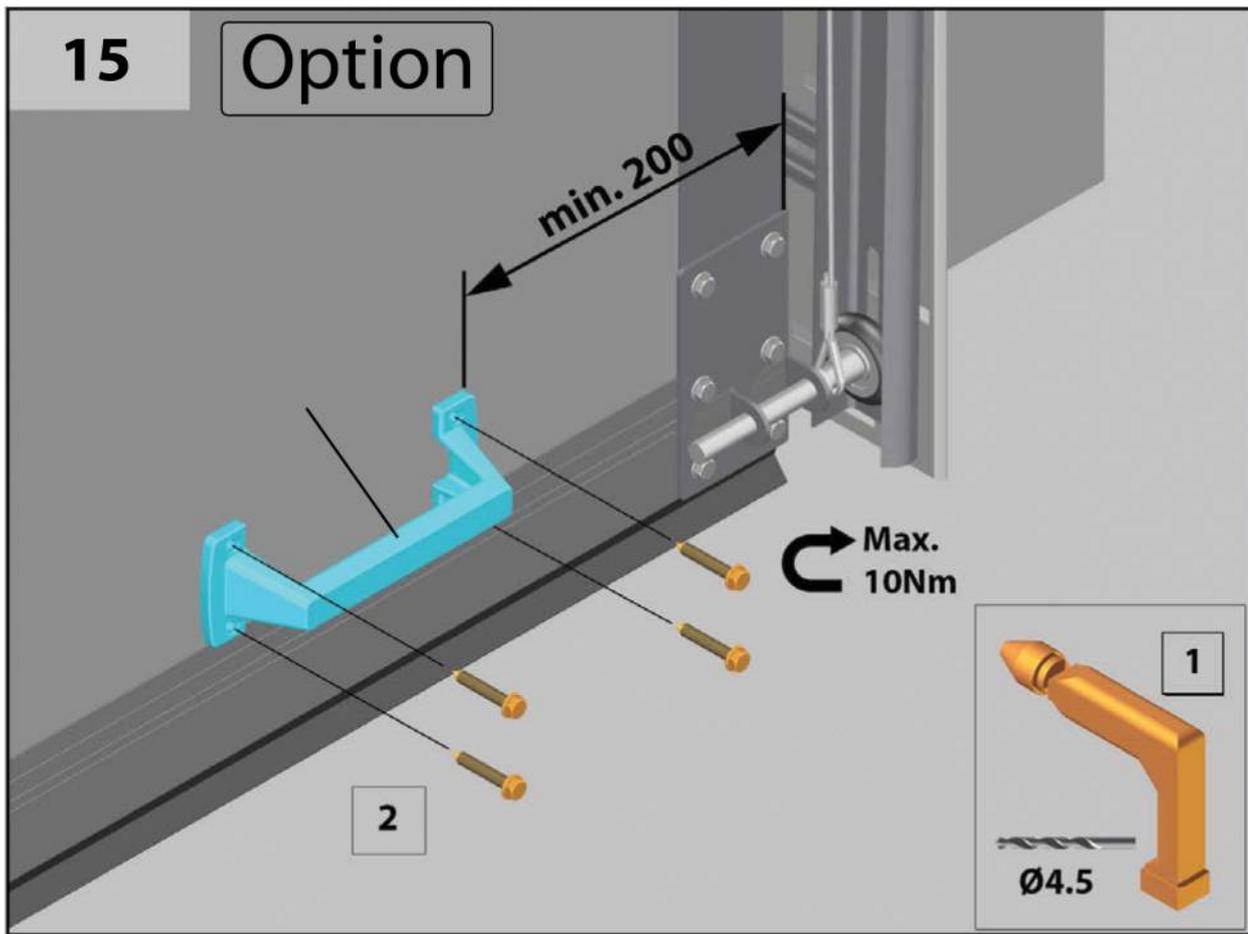
14.2b



X = X

Number of turns on each
spring must be the same





8. Handover

Handover the following documents to the end user:

- This manual (assembly, maintenance and disassembly)
- User guide
- Service manual
- Declaration of conformity (in accordance with EN-13241-1)
- Inform the end user how to handle in case of malfunctions

8.1. First use

The first use of the garage door has to be carried out by an installer. After that the users can be instructed.

For more information refer to the user guide.

9. Electric operator (optional)

Mount the operator according to the supplier's manual.

NOTE:

In case of power failure it should be possible to unlock the door using the emergency release from the operator .

The door leaf may only in that case, be operated with a handle.

If there is no second entrance to the garage, we recommend an external release lock (art 60011) be fitted.

Do not fit a pull cord, shoot bolt or lock to an electrically operated door .

Ensure that the horizontal tracks are long enough for the electrically operator, this is with reference to the operator drawbar (see below).

In the event that the tracks are too short, a longer horizontal track kit should be used.

10. Operator settings

Adjustment to the operator should be carried out in accordance with the operator manufacturers manual.

Please note that our hardware kits have been CE approved for use with the operators specified in our ITT report and enclosure B. Should a different operator be chosen, then the installer must carry out a peak force analysis in accordance with EN 12445 and EN 12453.

11. Disassembly

The door should be disassembled in the reverse sequence to the assembly manual.

11.1. Disposal

All parts of this garage door can be easily disposed of.

Please consult your local authorities on this matter

12. Maintenance

In accordance with EU standards, Residential Door System should be regularly maintained and checked from the first time of use, based on the indicated service by the installer.

Maintenance must be recorded in writing.

Maintenance should be only carried out by a qualified residential door company/installer.

Directly after installing:

1. Lubricate the running part of the tracks (advice: PTFE spray)	Installer
2. Lubricate bearings and roller shafts (advice: PTFE spray)	Installer
3. Lubricate pins of the hinges from intermediate and side hinges (advice: PTFE spray)	Installer
4. Lubricate sealing rubbers (advice: special rubber grease or Vaseline)	Installer

By:

After 3 months:

1. Check balancing system / Re-tensioning springs (relaxation springs)	Installer
2. Complete visual inspection	Installer

By:

Every 6 months or every 750 door cycles:

1. Check Side seal, Top seal and Bottom seal on damage or wear and tear	User
2. Lubricate the running part of the tracks (advice: PTFE spray)	User
3. Lubricate bearings, and roller shafts (advice PTFE spray)	User
4. Lubricate pins of the hinges from intermediate and side hinges (advice: PTFE spray)	User
5. Lubricate sealing rubbers (advice: special rubber grease or Vaseline)	User
6. Clean the panels (advice: car shampoo and water); do not use aggressive detergents	User
7. Remove dirt from the door and surroundings	User

By:

Every 12 months or every 1500 door cycles:

1. Check the cables and the end connections, bottom brackets for wear or damage	Installer
2. Check the balance of the door and adjust if needed / check the manual operation	Installer
3. Check the hinges on wear or damage	Installer
4. Check the pulleys for wear or damage	Installer
5. Check the rollers for wear and damage	Installer
6. Check or test the fixations of the tension springs	Installer
7. Check the closing forces of the main closing edge	Installer
8. Check the suspension from the horizontal track to the ceiling	Installer
9. Check the side seals for wear or damage	Installer
10. Check the bottom seal for wear or damage	Installer
11. Check the seal of the top panel for wear or damage	Installer
12. Check the panels for wear or damage	Installer

By:

13. Replacements of parts

Only use original spare parts!

Maintenance should only be performed by a qualified Residential door company / installer

After single spring break:

Replace all springs at once according installation manual

After cable break:

Replace all cable sets at once according installation manual

