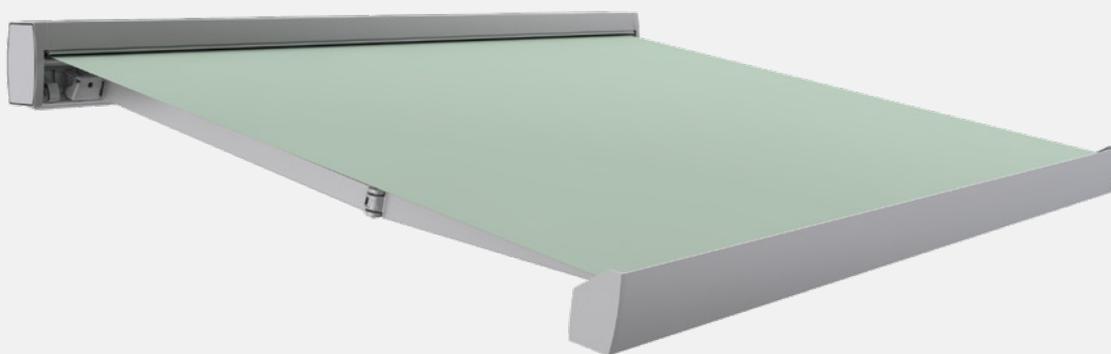


saxun[®]



AMERIS

TECHNICAL MANUAL

ENG

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**IMPORTANT**

It is important to read these instructions carefully before installation, operation, repair or first use, in order to protect the safety of persons and to the integrity of the product.

1. GENERAL RECOMMENDATIONS REGARDING SAFETY, USE AND RESTRICTIONS

In order to ensure the safe assembly, use and maintenance of this product, a number of precautionary measures must be taken. Please observe the following warnings and instructions, for the safety of all concerned.

Please contact your distributor with any queries.

- This manual is intended as a reference for experienced professionals and should therefore not be used by DIY amateurs or trainee fitters.
- This manual describes the installation of the product assembly components, and refers to the electrical control installation manuals. If necessary, this manual should be supplemented with instructions for any additional components not described herein.
- Please read this manual carefully before starting work.
- Some components may be sharp or have jagged edges. It is therefore advisable to wear safety gloves.
- All parts supplied have been designed specifically for this product. The replacement or addition of other parts may have a negative effect on the safety of the product and its warranty. In addition, the CE certification of this product will become invalid if any parts are replaced or if the installation is not carried out in accordance with the instructions in this manual. The installer shall accept full responsibility in this regard.
- Ensure that the assembly area is sufficiently illuminated. Remove any obstacles or dirt. Make sure nobody is present besides the fitters. Unauthorised

persons (especially children!) may interfere or cause hazards during installation.

Before assembly, it is very IMPORTANT for your safety and that of the product to follow all the recommendations listed below. A poor-quality installation may cause harm to people or damage to the installation itself.

Once the product has been unpacked, the professional fitter has to check its integrity. Before starting the installation, the arrangement of all components and tools must be checked in order to install the product correctly. In case of doubt, contact **Giménez Ganga**'s technical department.

Under no circumstances should a damaged product be installed, as it may damage the equipment and create situations that are dangerous for people.

These systems are exclusively intended for the use for which they were designed. Any other use is inappropriate, and therefore dangerous.

The system installation must always be performed by a professional fitter, respecting the manufacturer's indications, as well as knowing and applying all the regulations in force.

IMPORTANT

For power operated products, the existing voltage must be checked before installation.

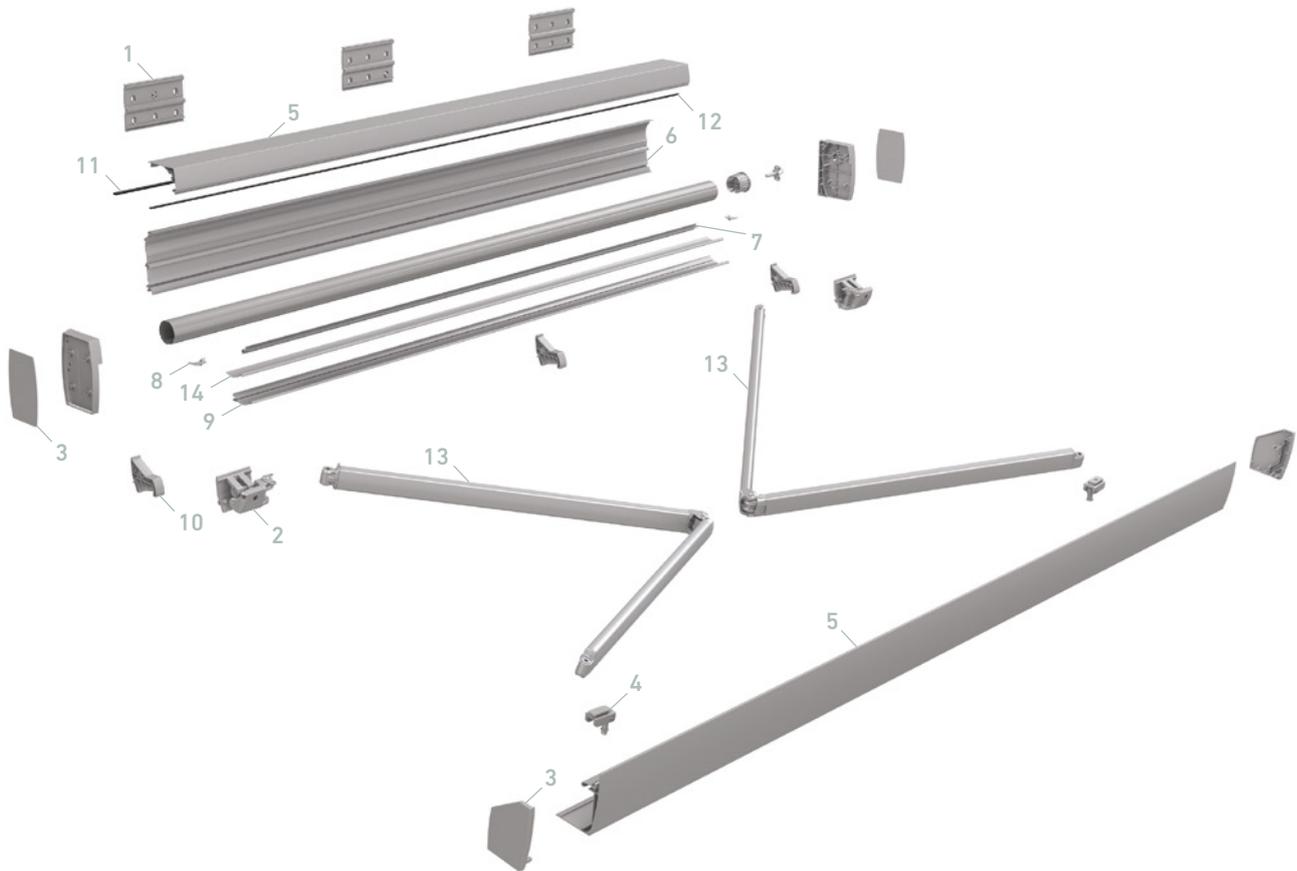
The connection must always be a grounded connection. Otherwise, do not continue the installation as it may be dangerous.

Should any damage and/or a system malfunction be detected, **do not continue** with the installation.

The manufacturer will not be liable for damage caused during the installation due to non-compliance with these recommendations.

2. PARTS LIST AND SECTION

2.1 PARTS LIST AMERIS



CODE	COMPONENTS
1	024520 Wall extruded bracket Ameris
2	024157 Arm supports with tipping syst
3	024521 Box and front bar end covers Ameris
4	024522 Set of sloping runners for arms Ameris
5	024524 Front side profiles kit 4M Ameris
6	024523 Backside profiles kit 4M Ameris
7	024526 LED downside cover Ameris

CODE	COMPONENTS
8	024527 Covers for LED downside cover Ameris
9	024525 Backside profiles set
10	024153 Conveyor Ameris
11	024529 Upper rubber Ameris
12	022223 Lower rubber Ameris
13	022990 Set of arms
14	024162 PVC fabric-saving profile Ameris

3. WIND RESISTANCE, CUTTING BOARDS AND SELECTION

3.1 WIND RESISTANCE (EN 13561)

WIND RESISTANCE EN 13561

PROJECTION	WIDTH															MINIMUM LINE
	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	
1.85	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2.46
2.10		1	1	1	1	1	1	1	1	1	1	1	1	1	1	2.71
2.60				1	1	1	1	1	1	1	1	1	1	1	1	3.21
3.10						1	1	1	1	1	1	1	1	1	1	3.71
3.35							1	1	1	1	1	1	1	1	1	3.96
3.60								1	1	1	1	1	1	1	1	4.24
4.10										1	1	1	1	1	1	4.74

Class 2 ≈ 38 Km/h

3.2 MOTOR SELECTION

MOTOR SELECTION (Nm)

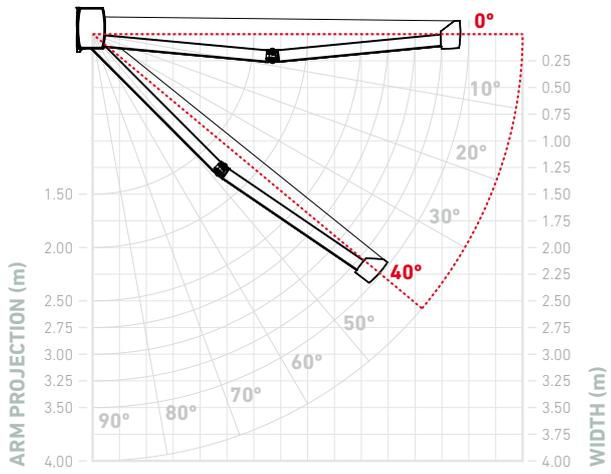
PROJEC.	WIDTH															
	2.50	2.75	3.00	3.25	3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75	6.00	
1.85									40 Nm							
2.10									40 Nm							
2.60												40 Nm				
3.10																50 Nm
3.35																50 Nm
3.60																50 Nm
4.10																85 Nm

3.3 MANUFACTURING DISCOUNTS

DISCOUNTS (mm)

	AMERIS		AMERIS WITH TERMINAL BOX	
	Machine	Somfy Motor	Machine	Somfy Motor
Tubo de enrollé	-	L-121	-	L-121
Canvas	-	L-131	-	L-131
Profiles	-	L-100	-	L-104
Terminal	-	L-101	-	L-105
LED Strips	-	L-200	-	L-204

3.4 DEGREES OF INCLINATION

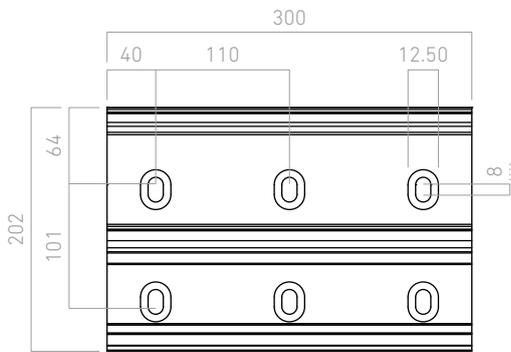


DEGREES OF INCLINATION

Front installation	0° a 40°
--------------------	----------

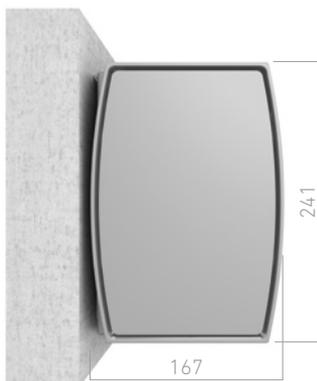
4. VIEWS AND CROSS-SECTIONS

4.1 SUPPORT CROSS-SECTION



4.2 SUPPORT INSTALLATION VIEW

FRONTAL INSTALLATION



4.3 POSSIBLE INSTALLATION EXAMPLES



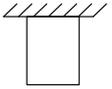
CENTRAL REINFORCEMENT



ARM SUPPORT



ARM

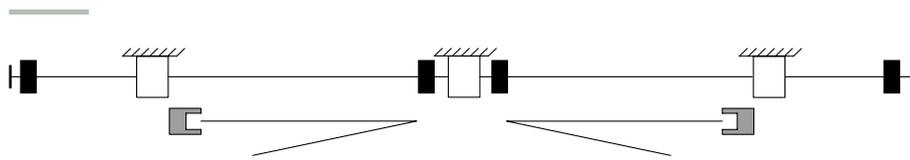


WALL / CEILING
FIXATION

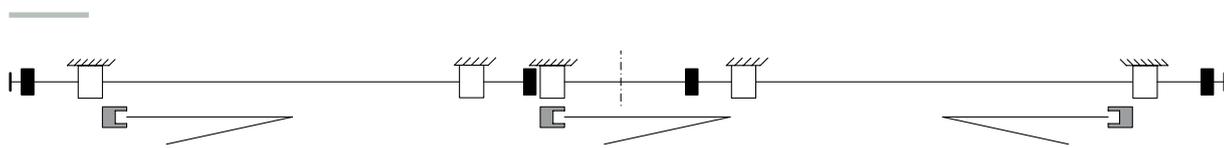


CONVEYOR

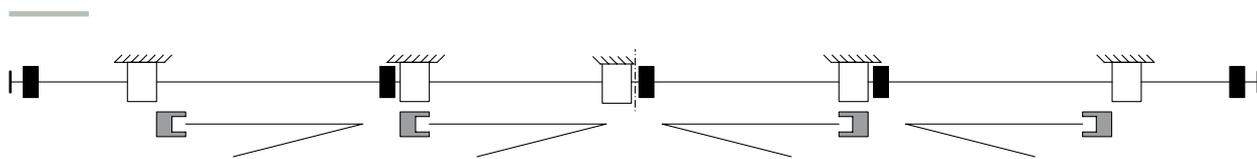
2 ARMS



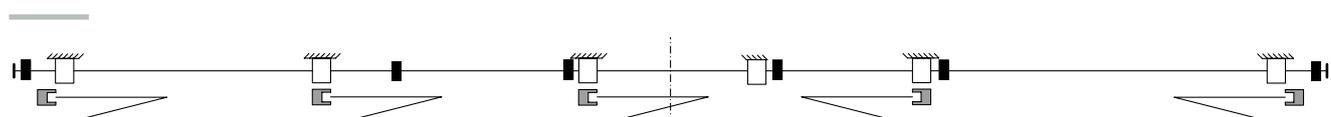
3 ARMS



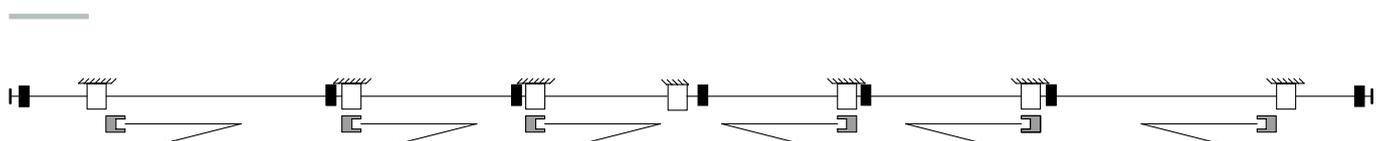
4 ARMS



5 ARMS

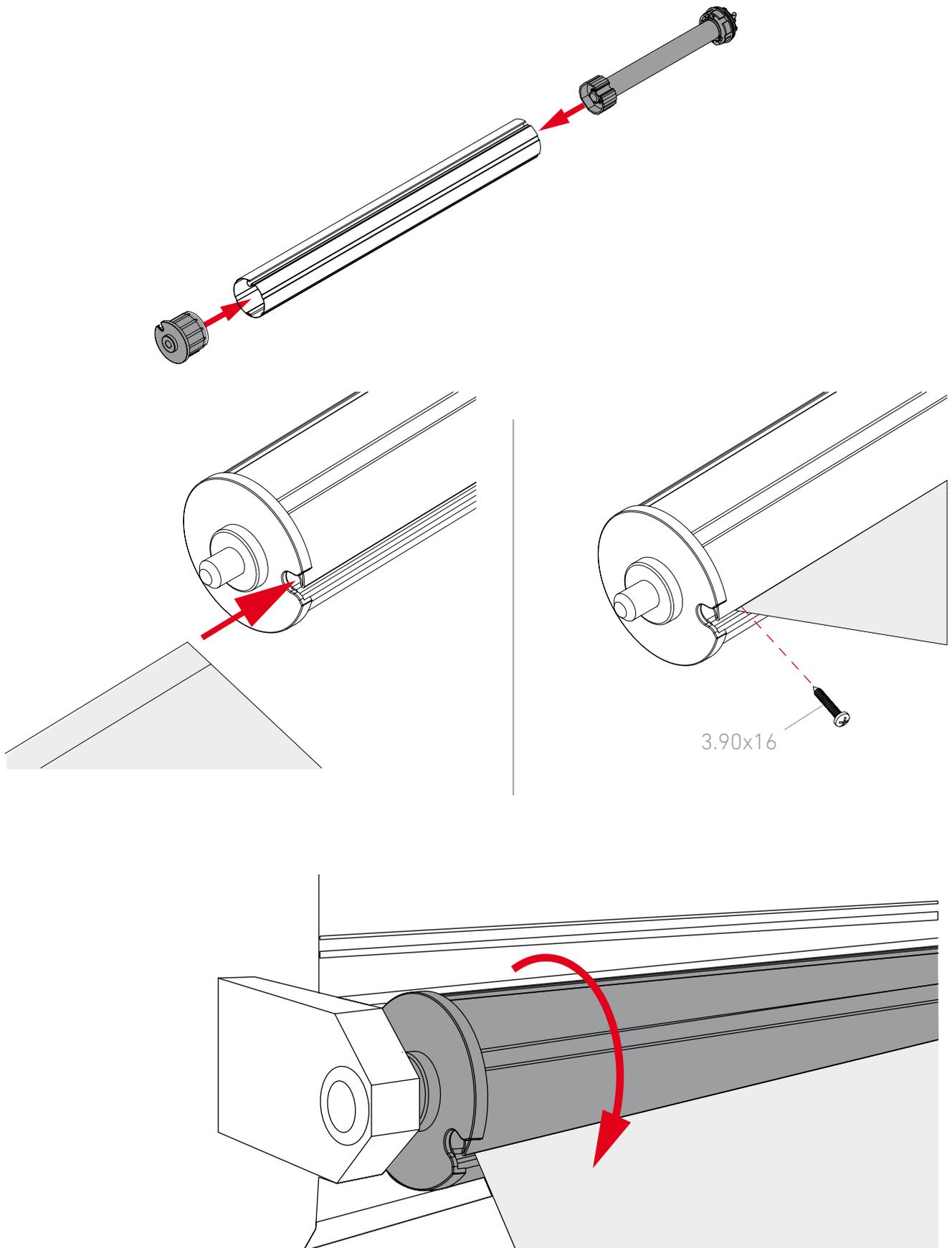


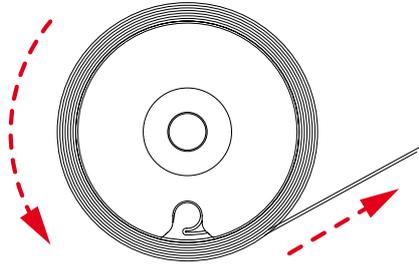
6 ARMS



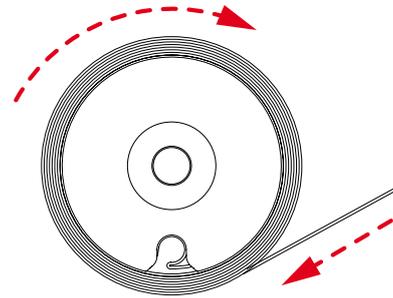
5. ASSEMBLY AND INSTALLATION

5.1 WINDING TUBE ASSEMBLY



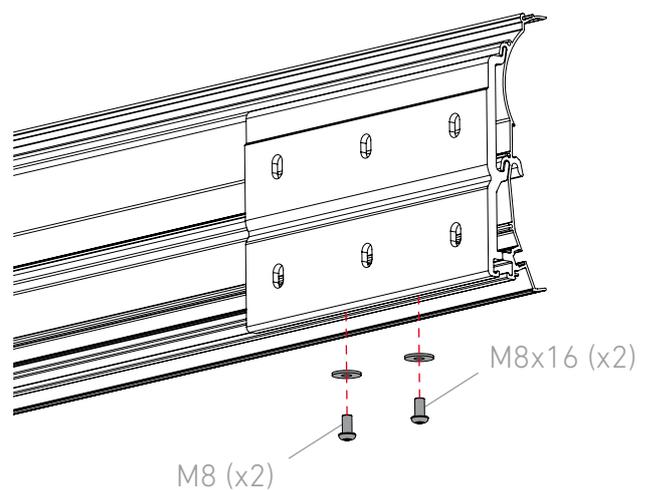
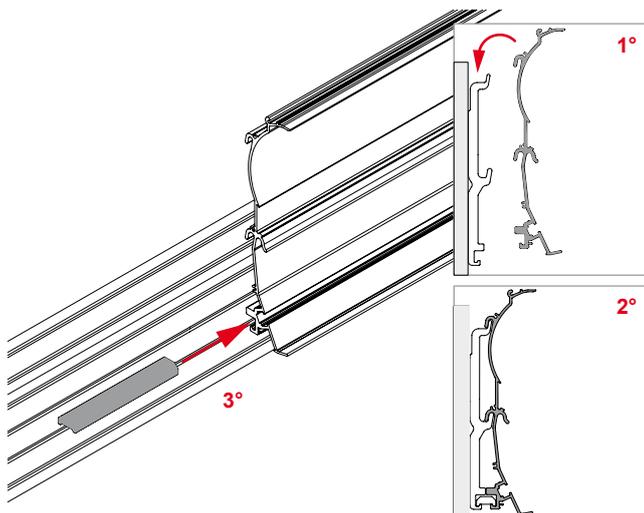
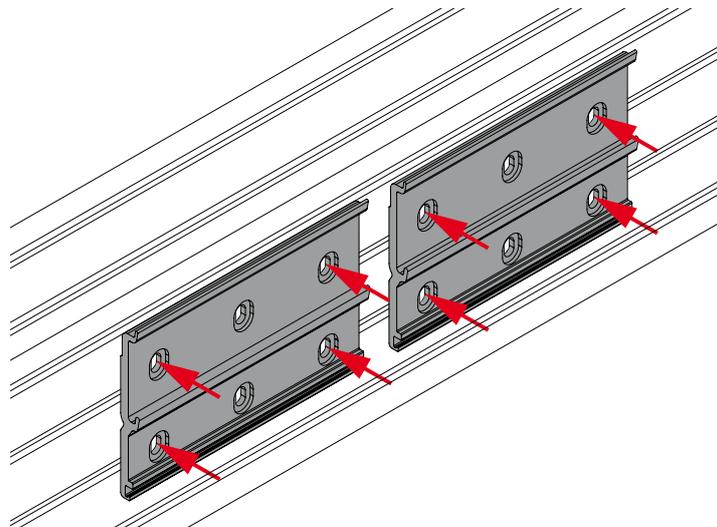


I CANVAS CARE

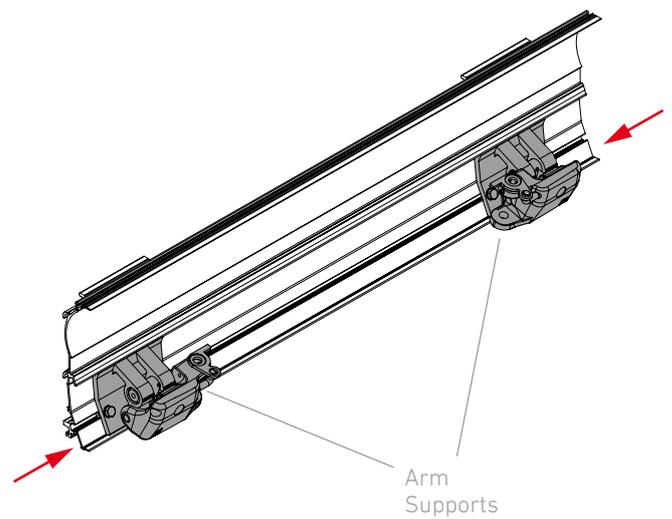
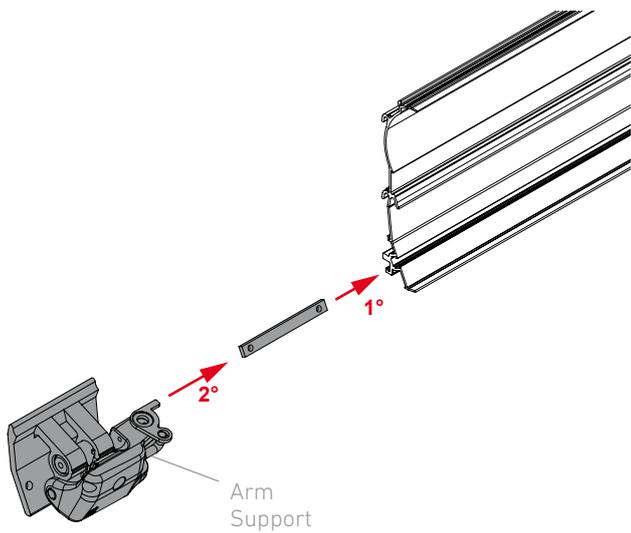
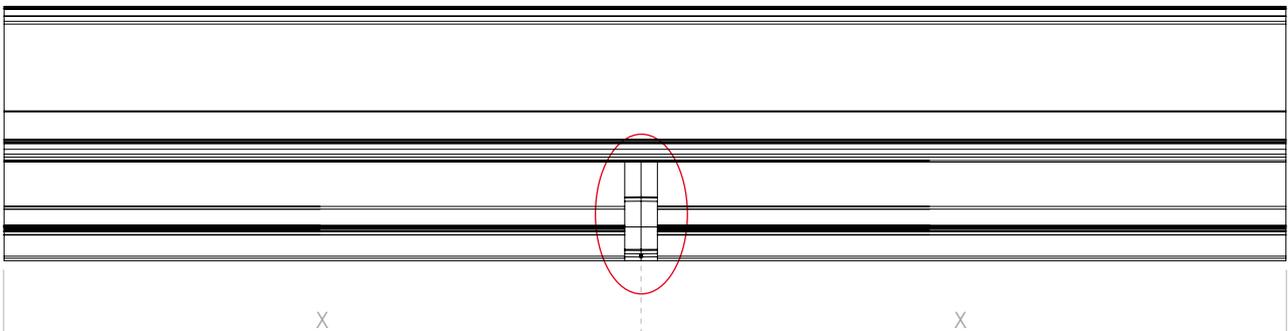
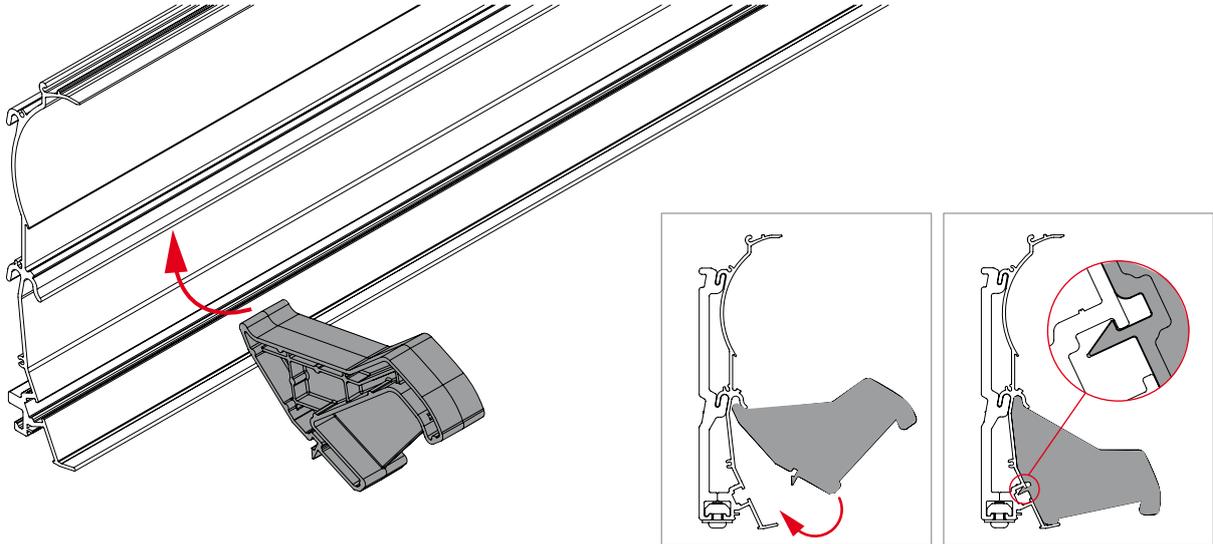


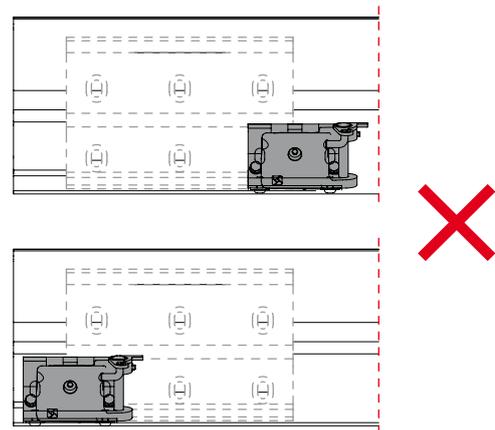
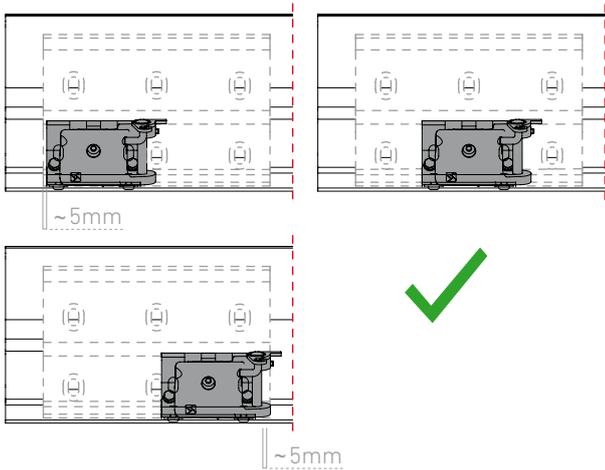
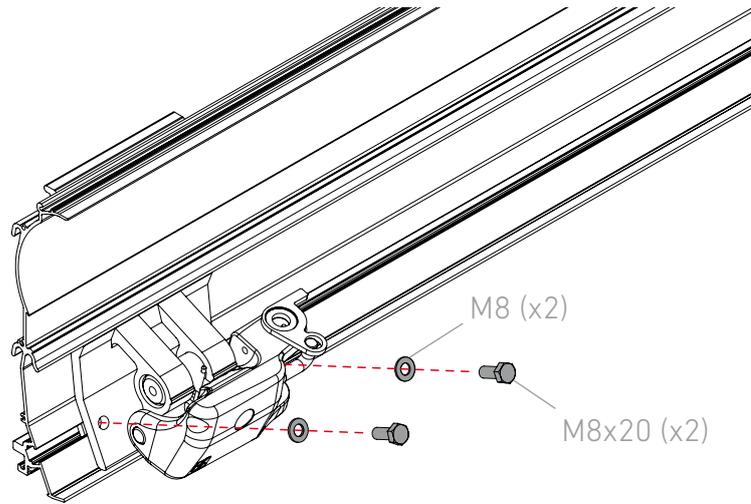
I CANVAS CARE

5.2 COLUMN ASSEMBLY

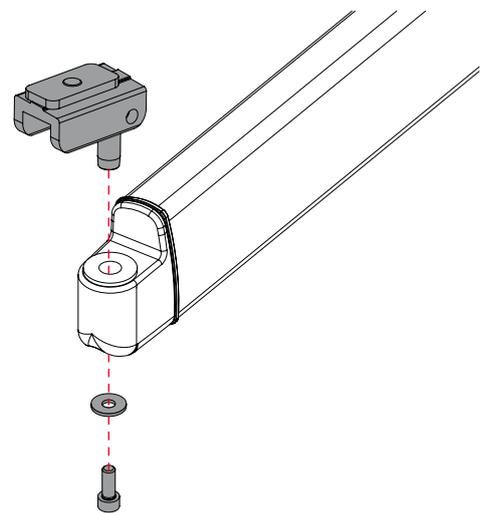
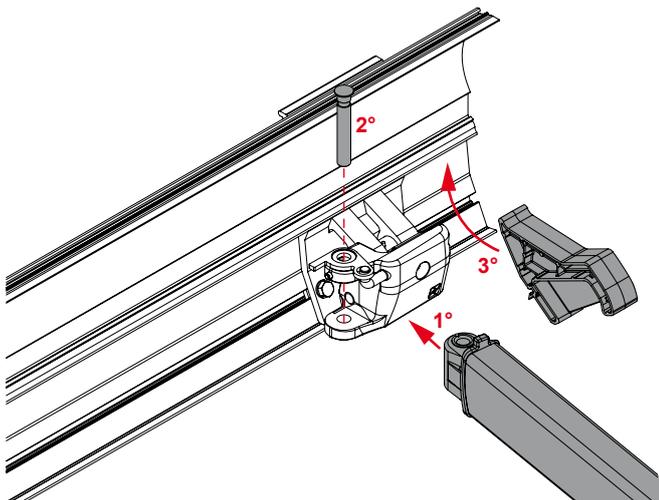


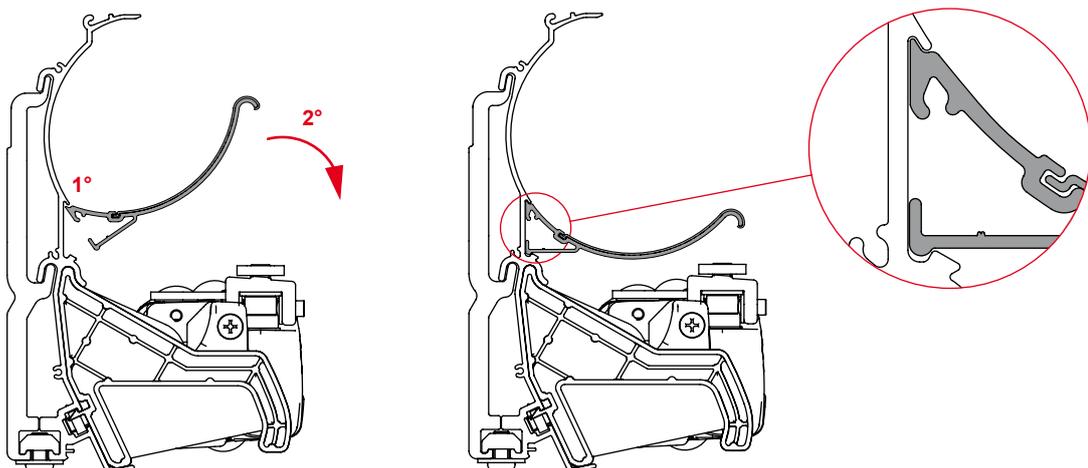
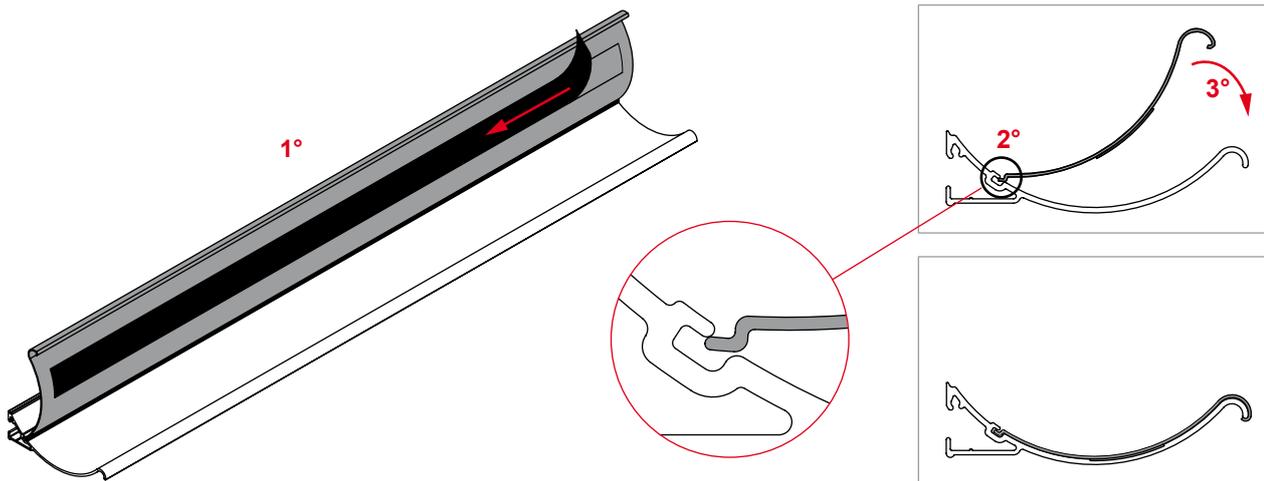
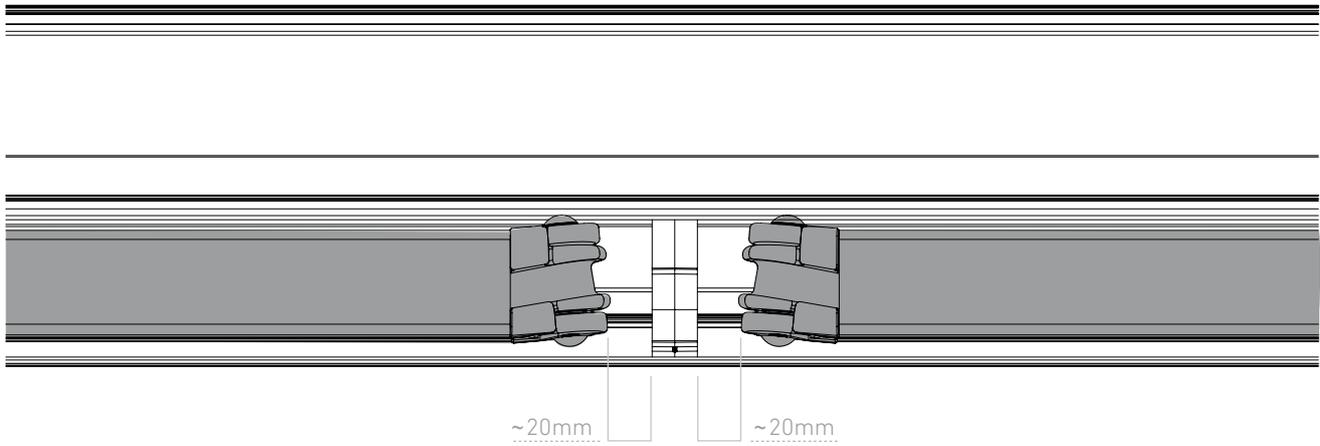
5.3 SUPPORT MOUNTING

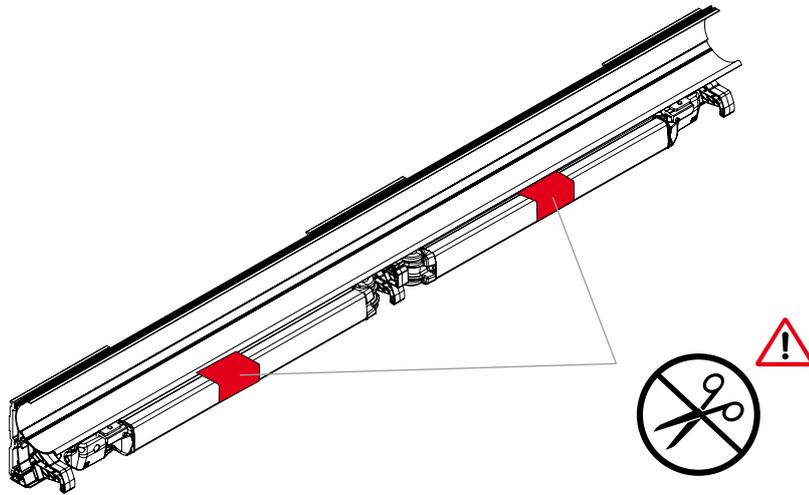




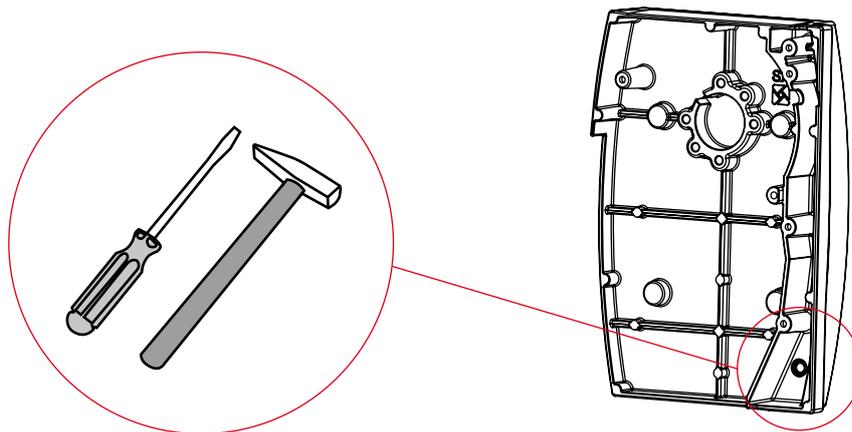
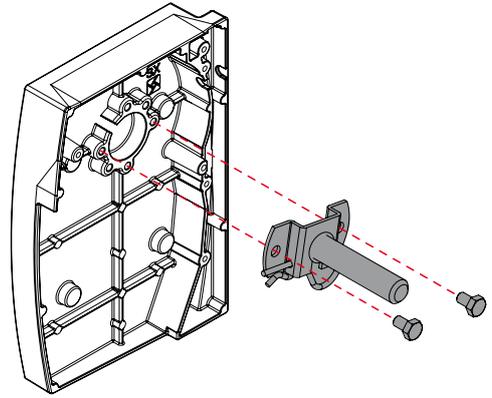
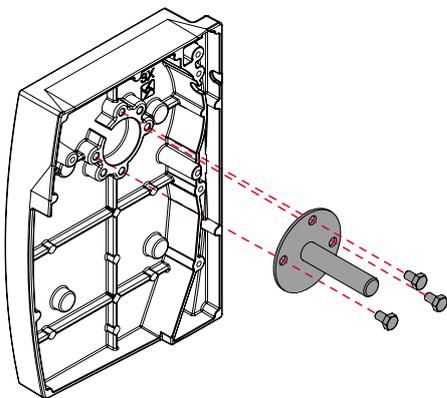
5.4 ARM ASSEMBLY

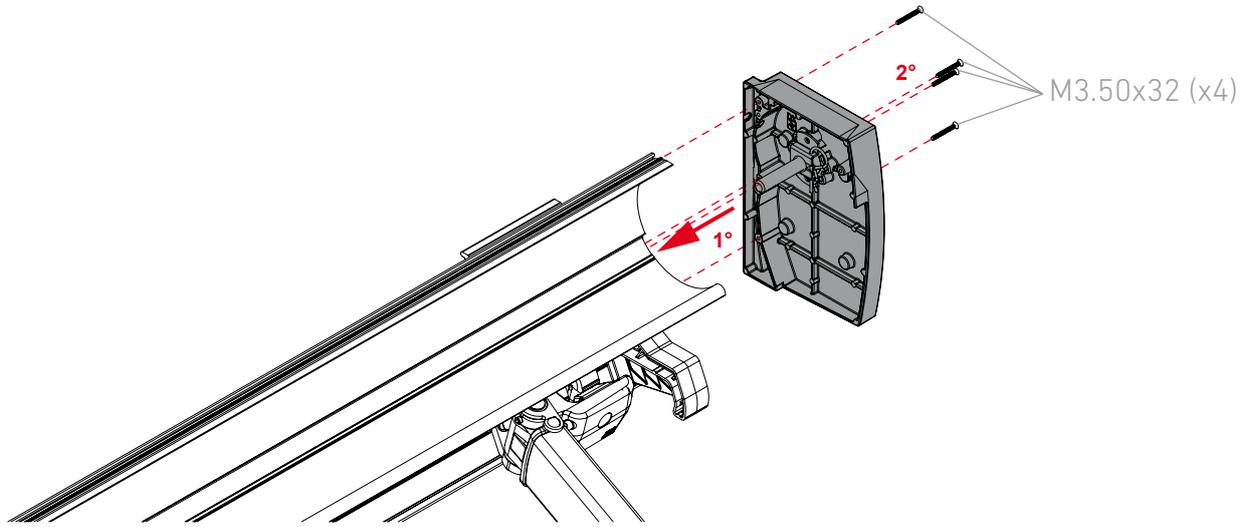




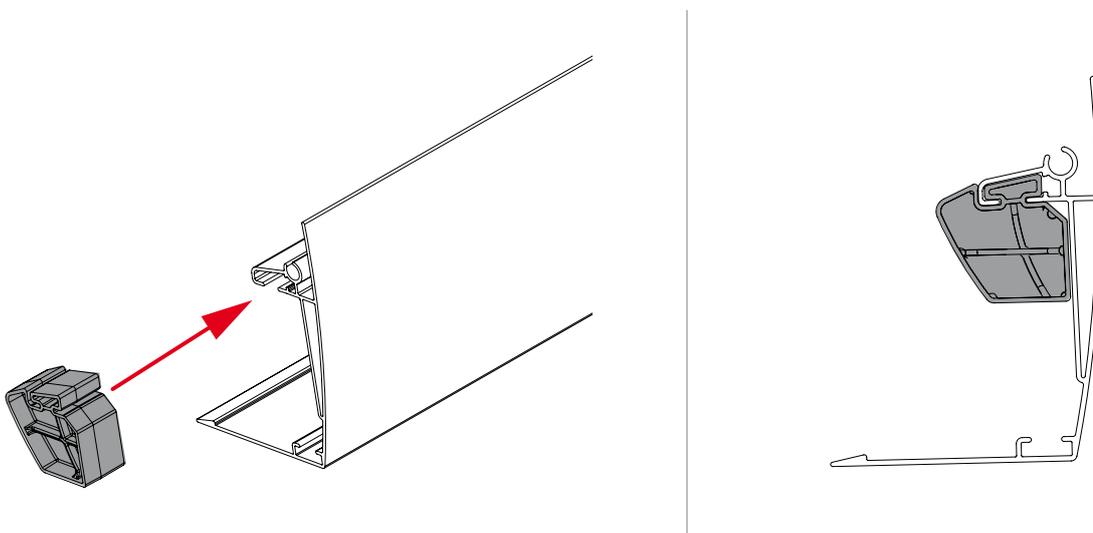


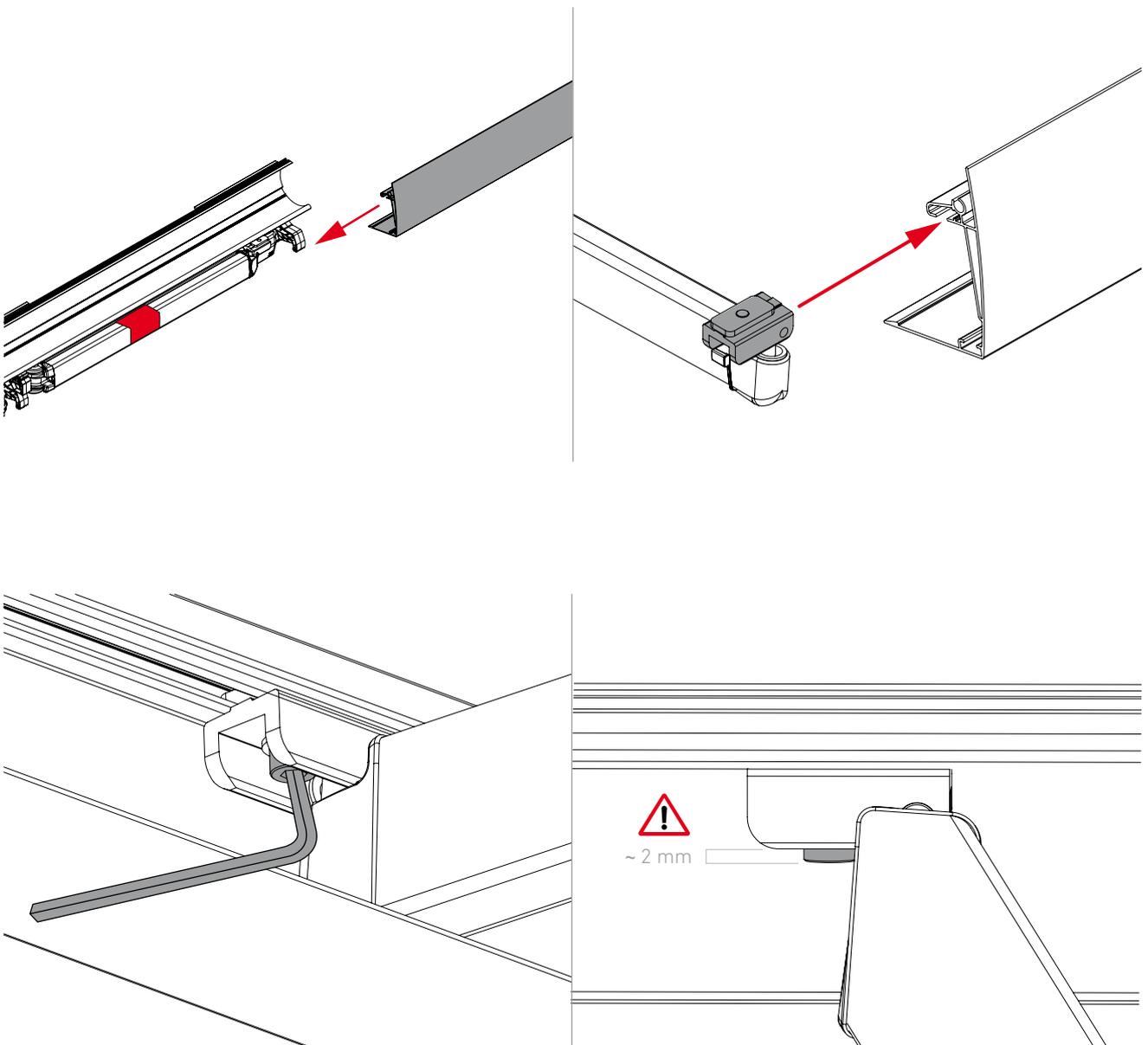
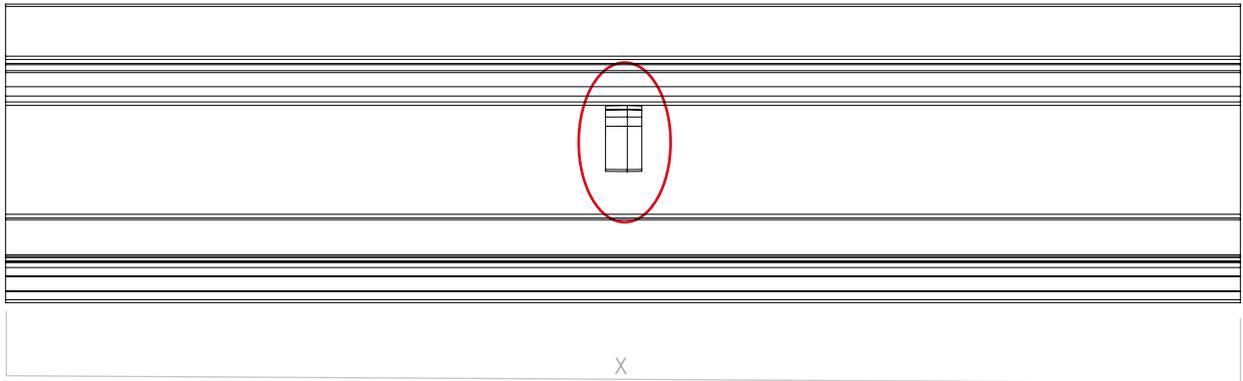
5.5 CASSETTE COVER ASSEMBLY



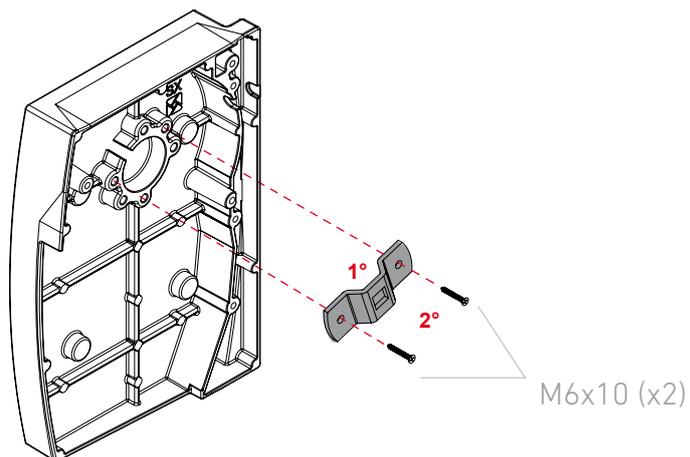
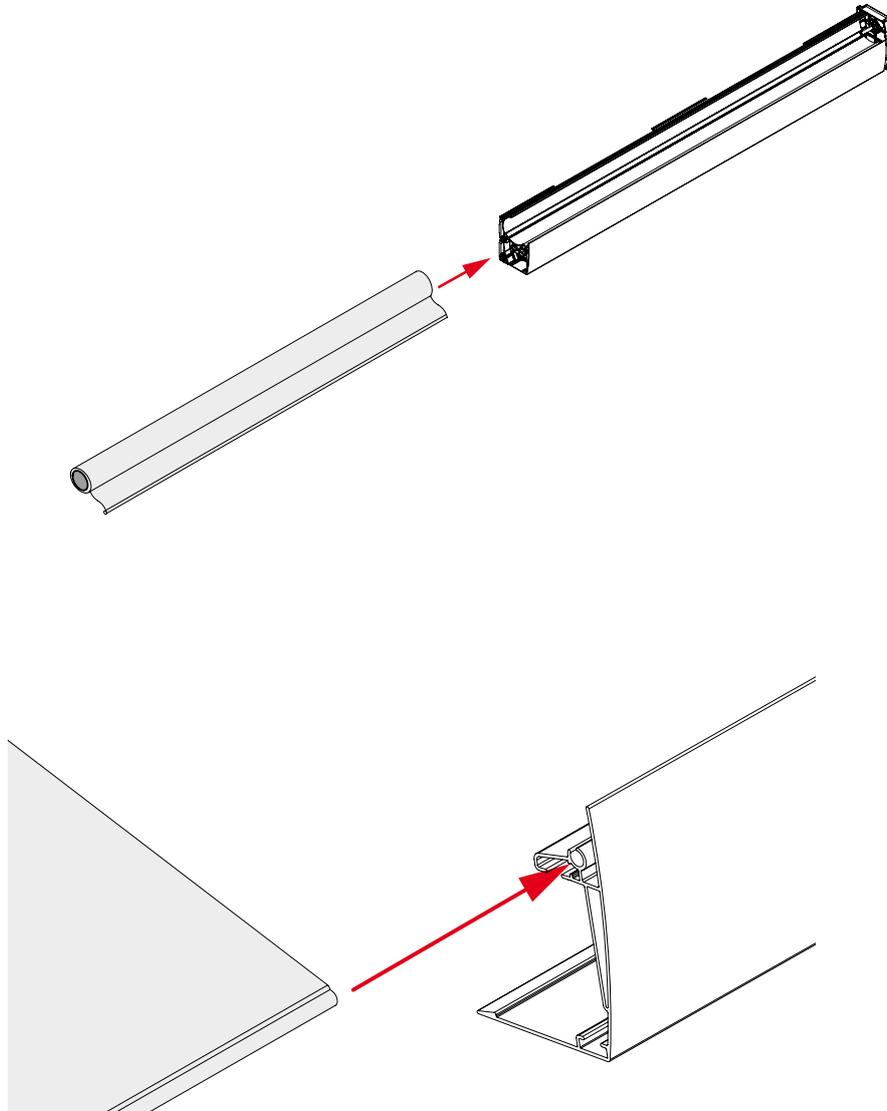


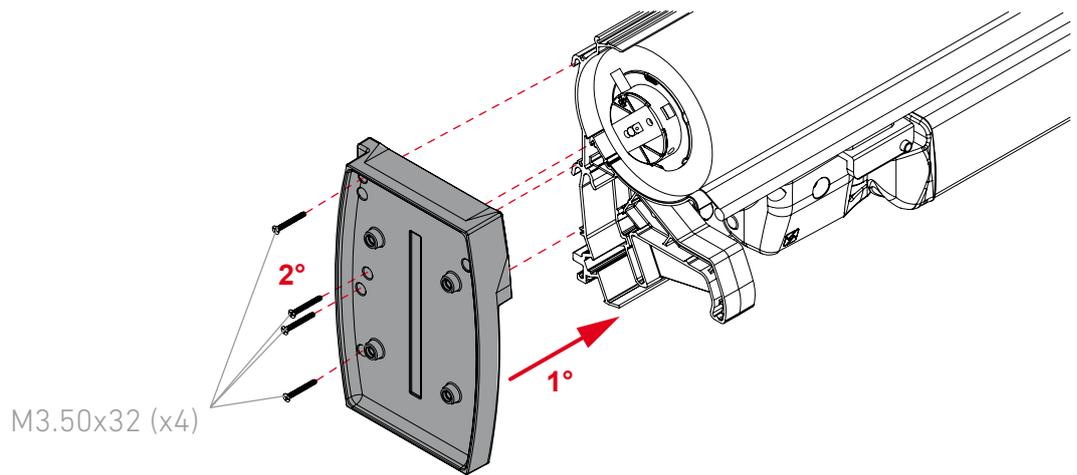
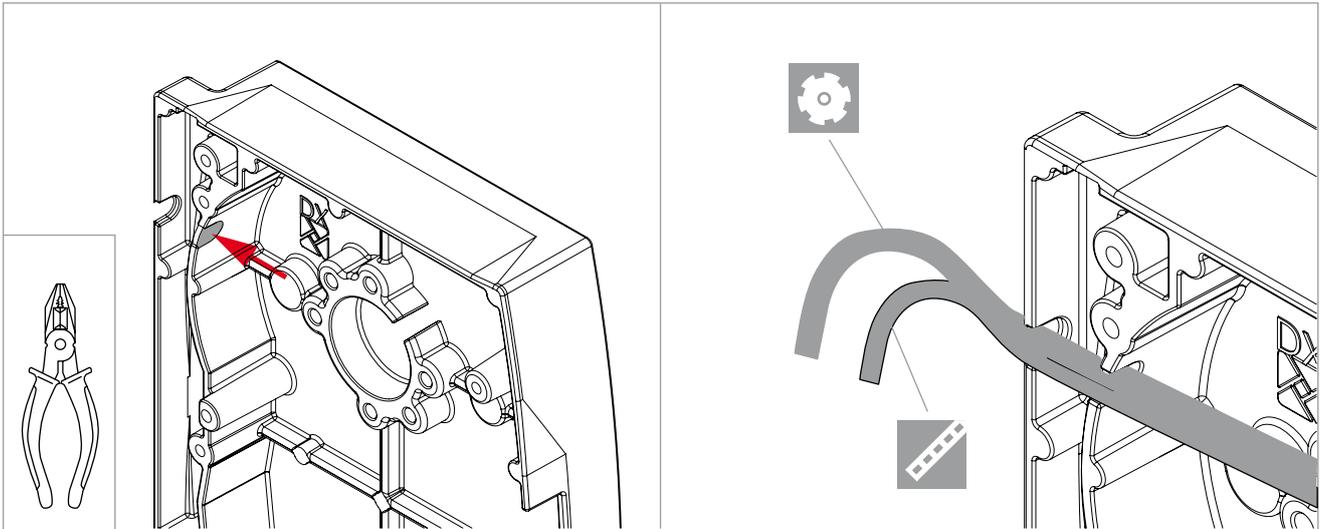
5.6 END SLAT ASSEMBLY



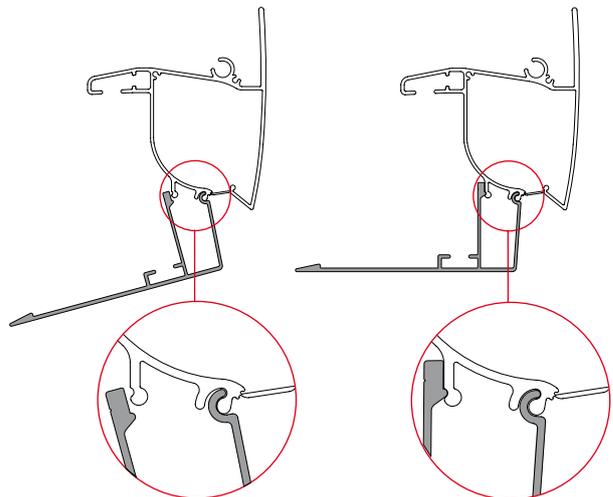
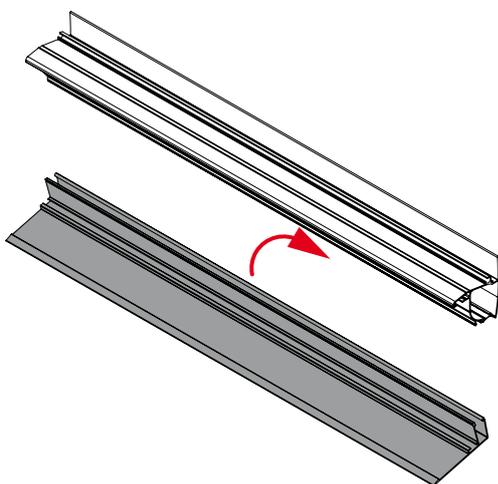


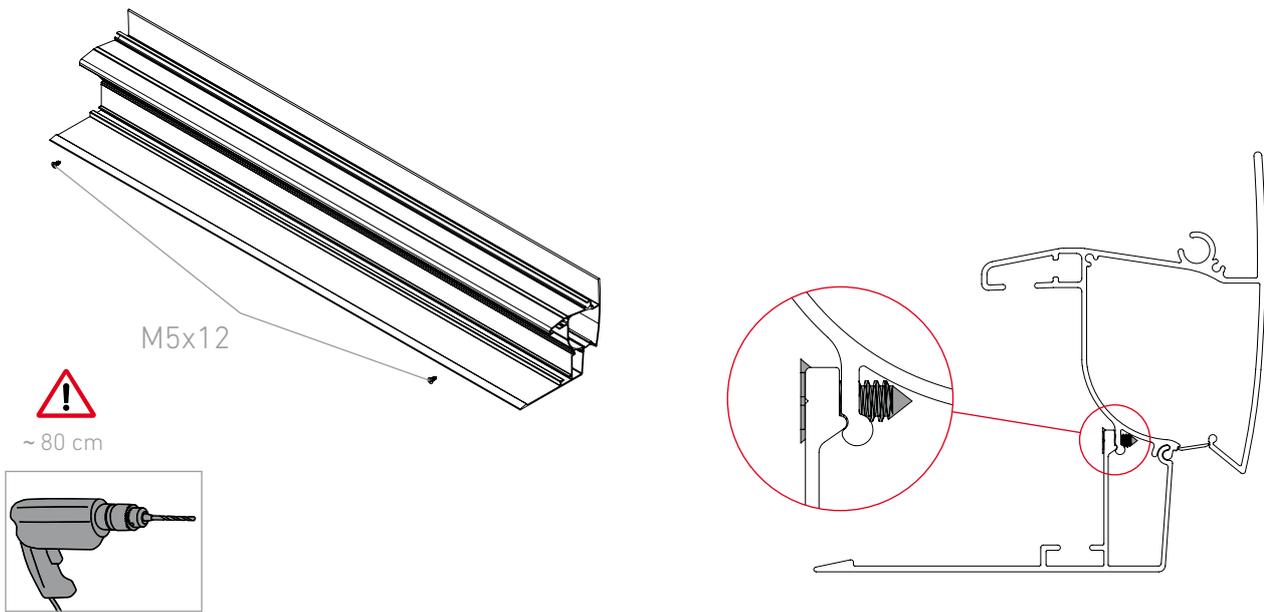
5.7 FABRIC ASSEMBLY



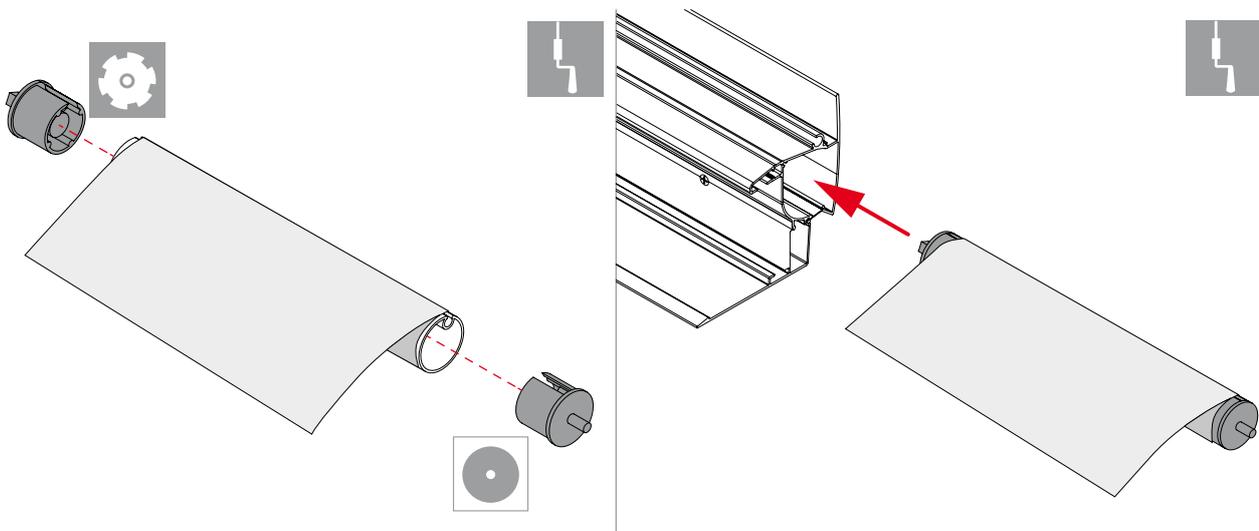


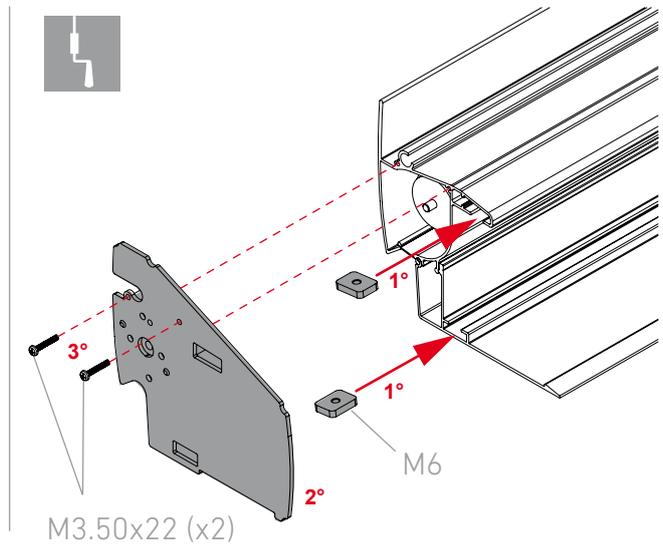
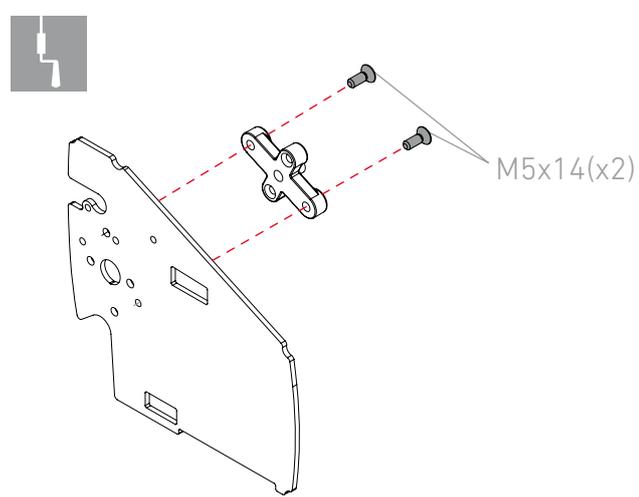
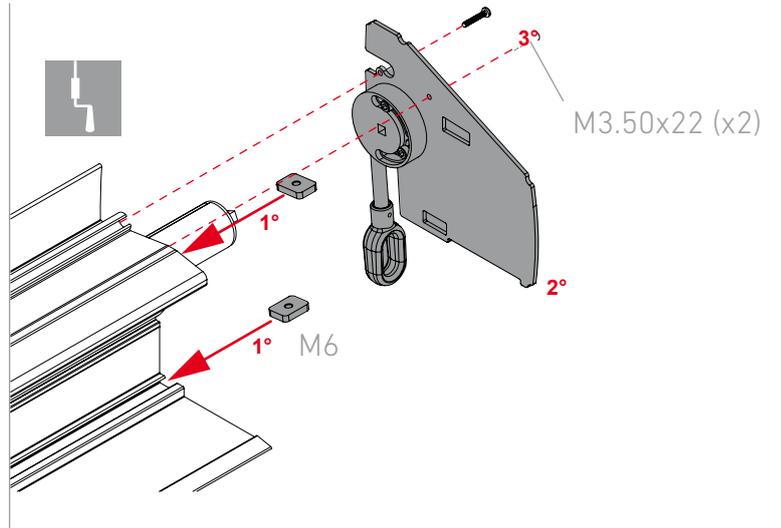
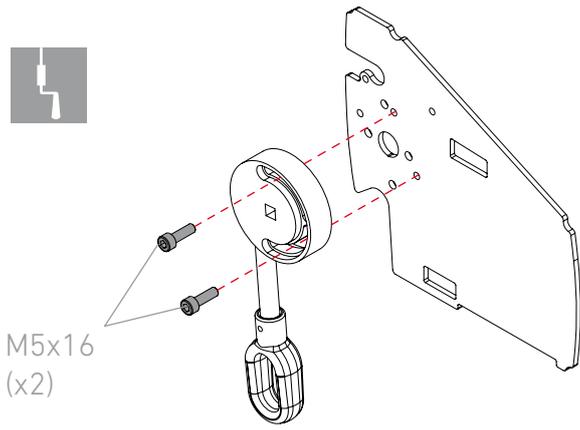
5.8 CASSETTE TERMINAL PROFILE



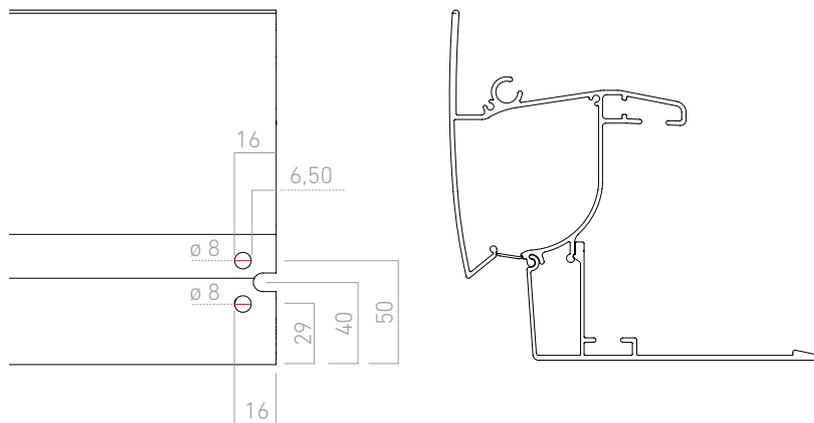


5.9 ASSEMBLY WITH GEARED MACHINE

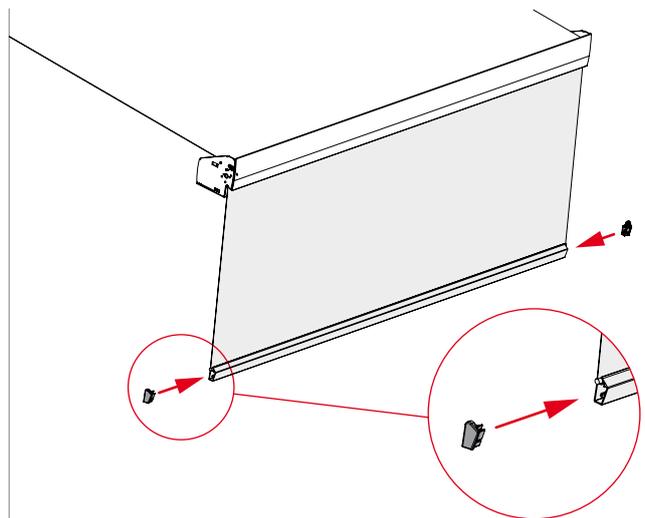
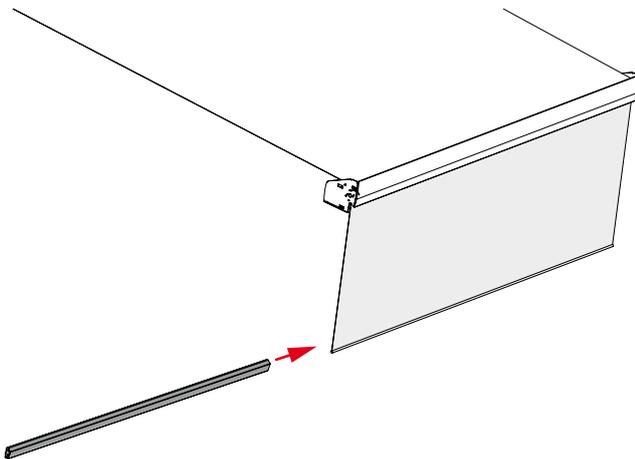
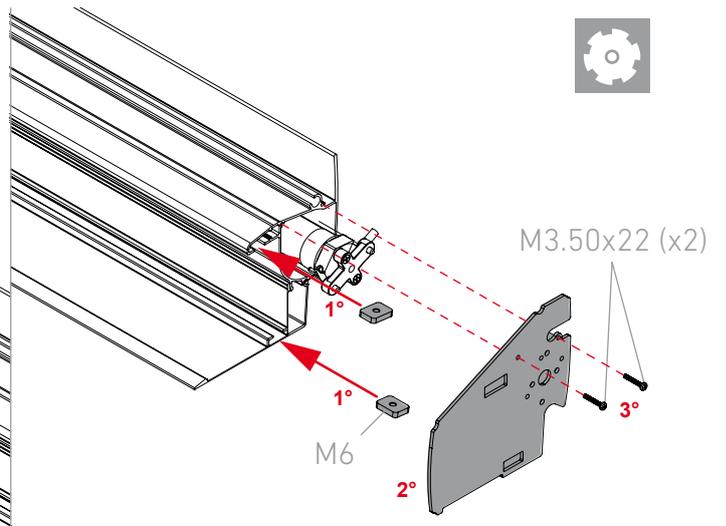
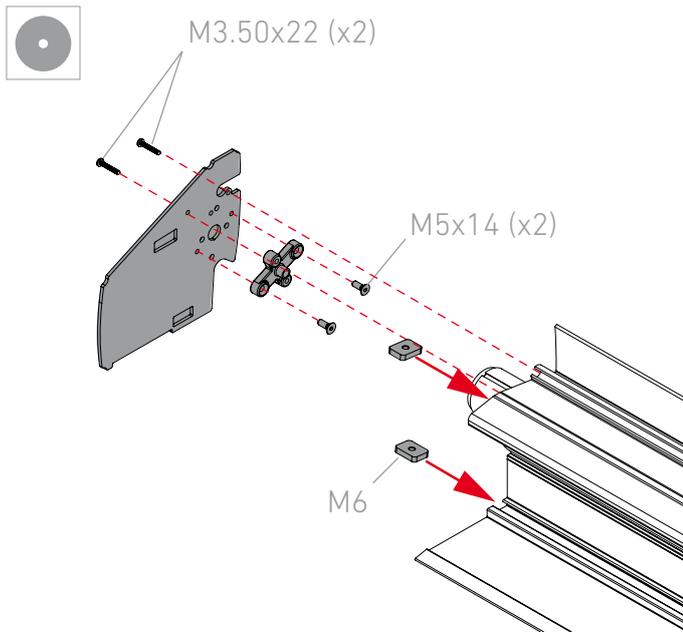
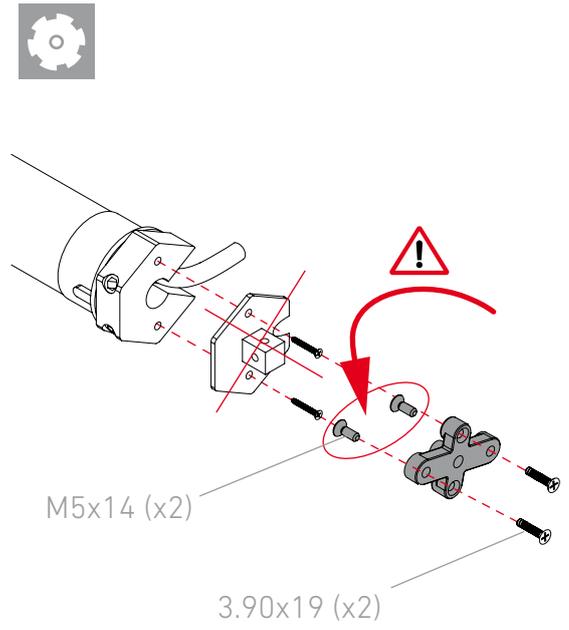
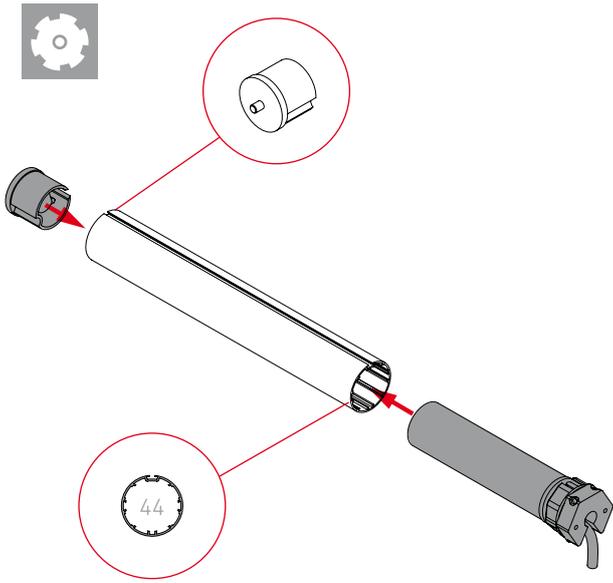




5.10 MOUNTING WITH MOTOR

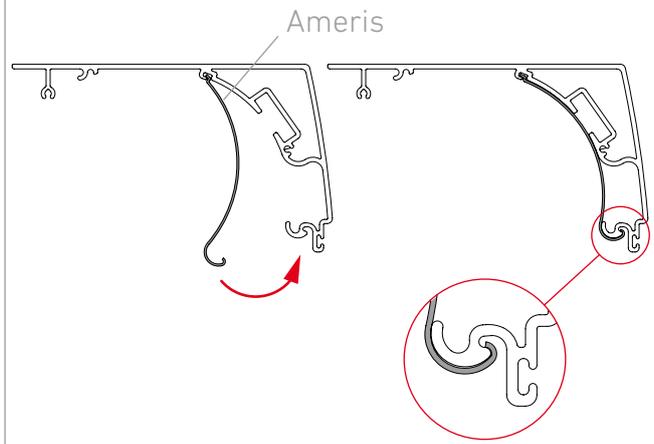
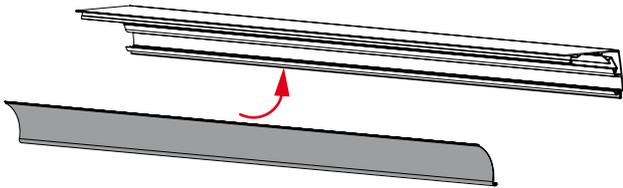


Cutout for the motor cable passage and hole for the limit switch adjustment.

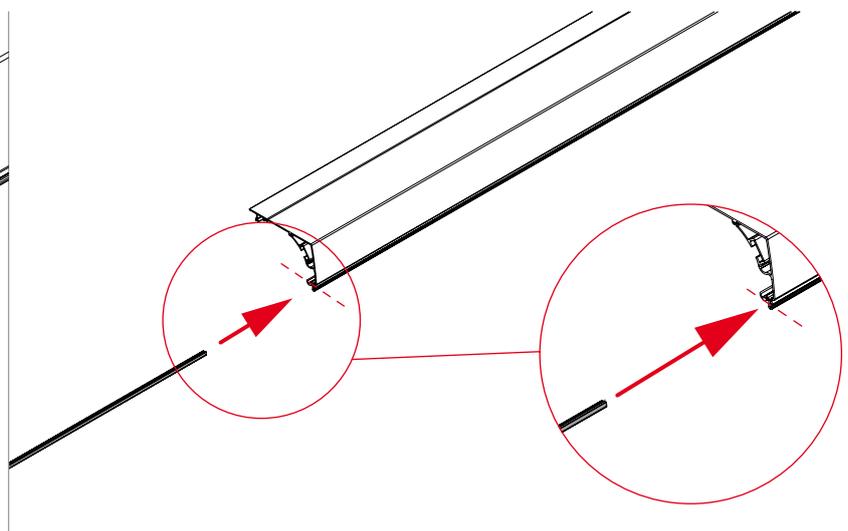
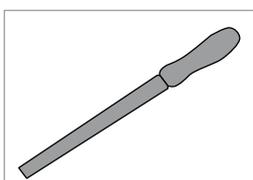
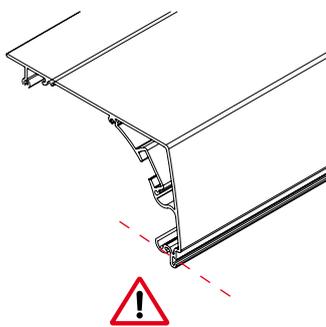
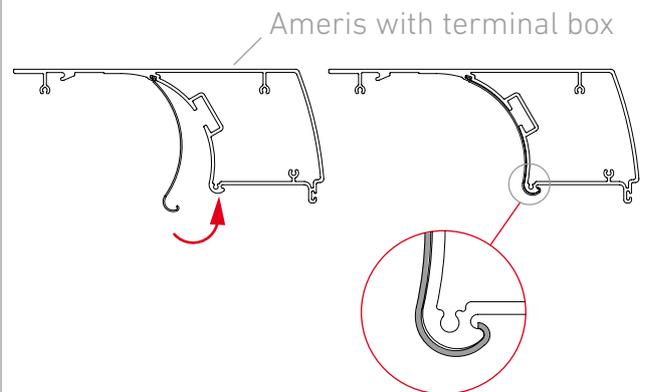
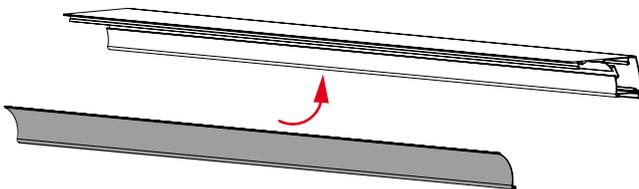


5.11 CEILING MOUNTING

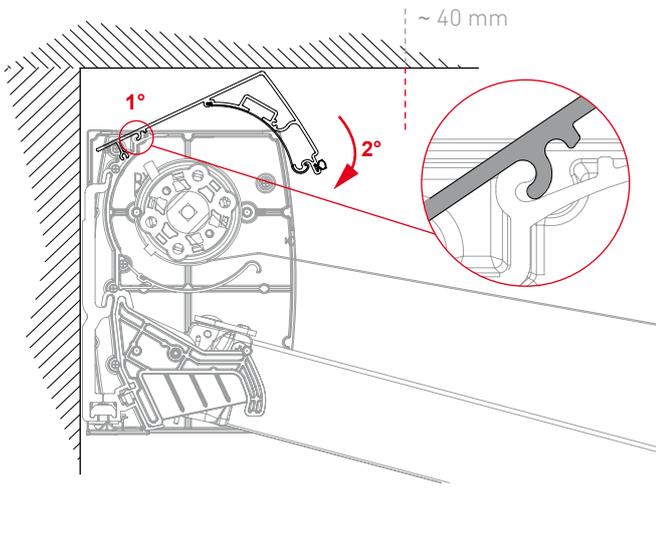
A



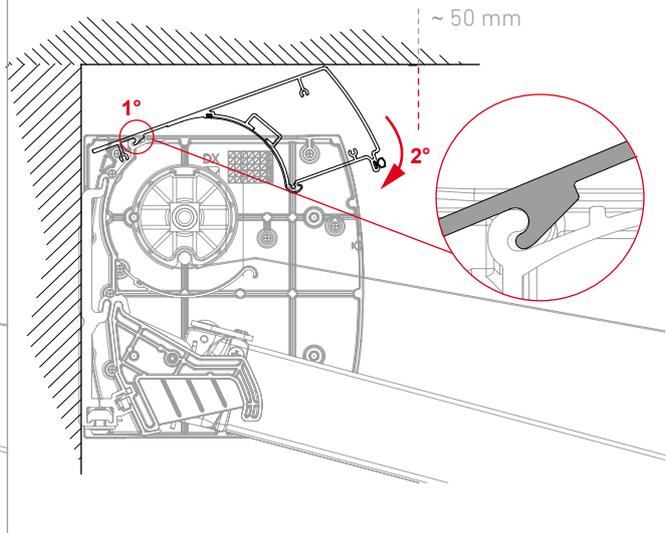
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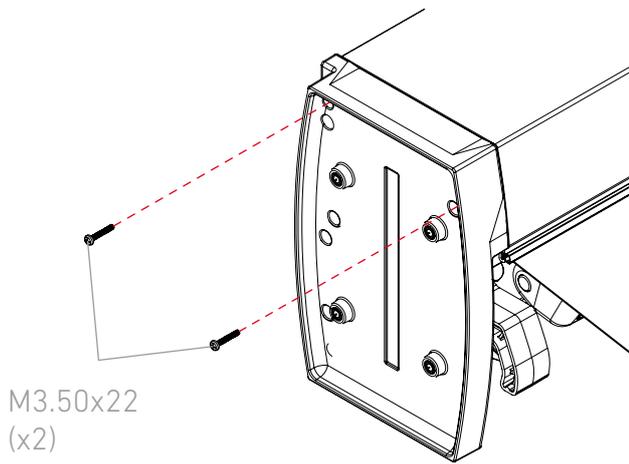
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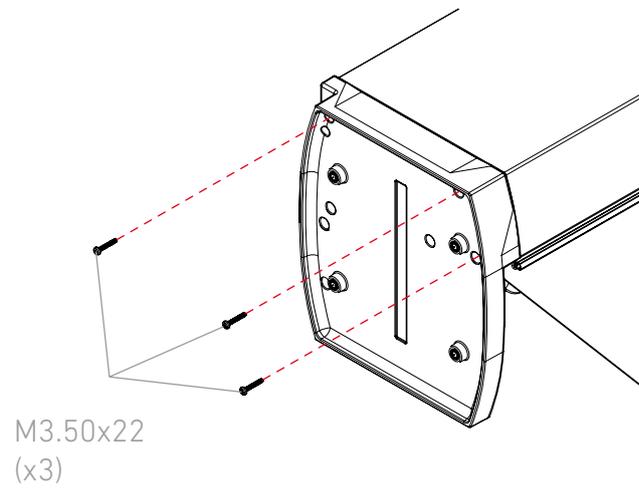
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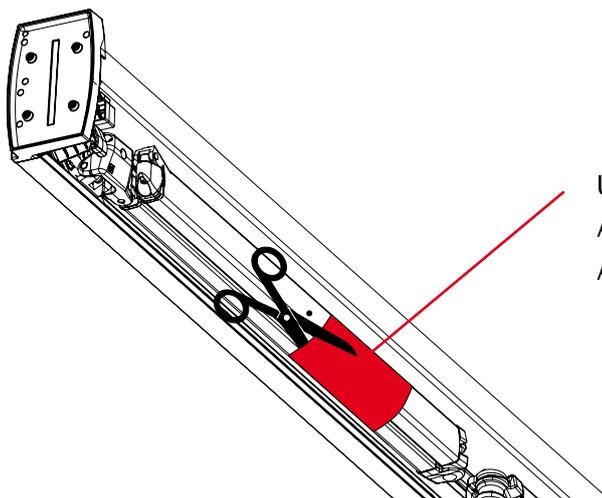
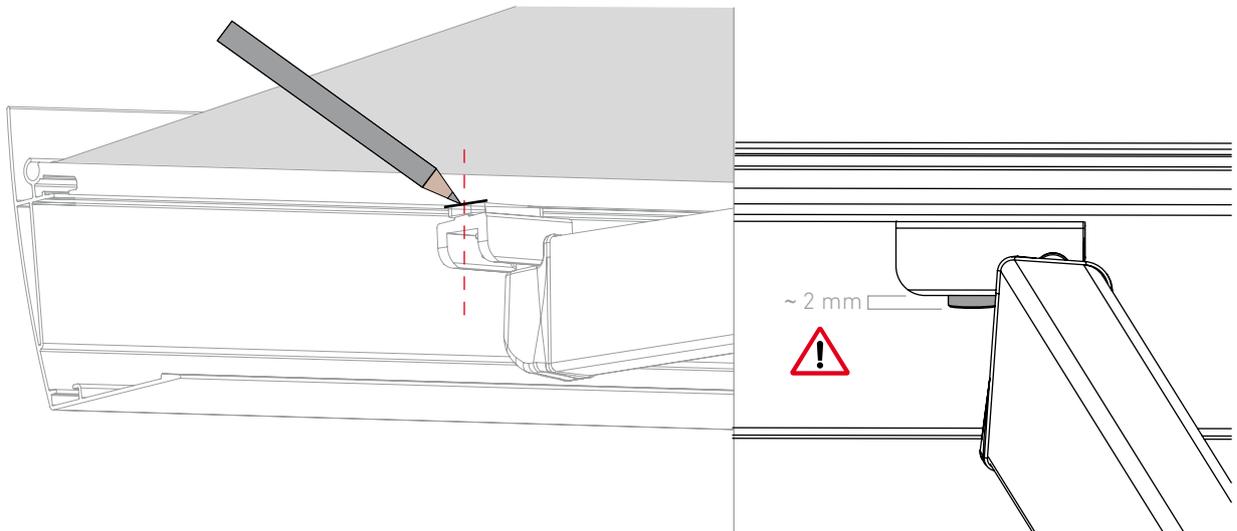
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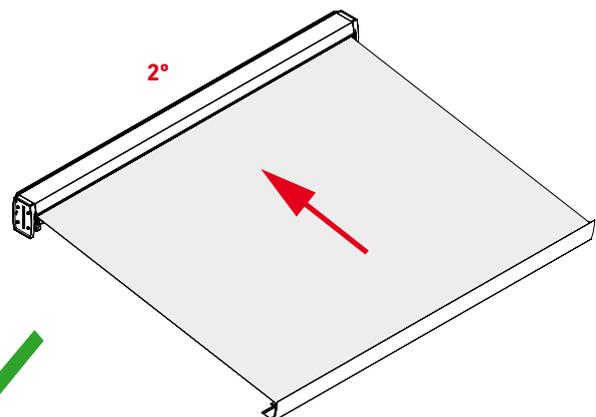
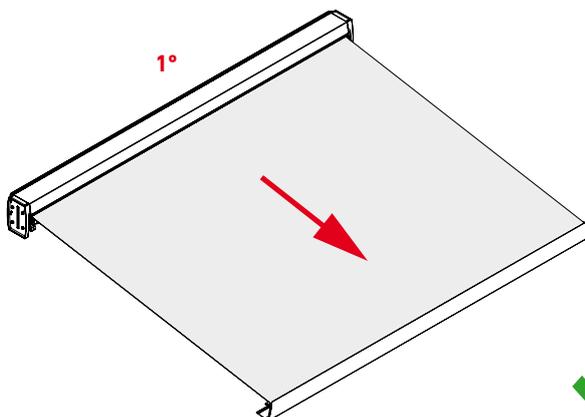
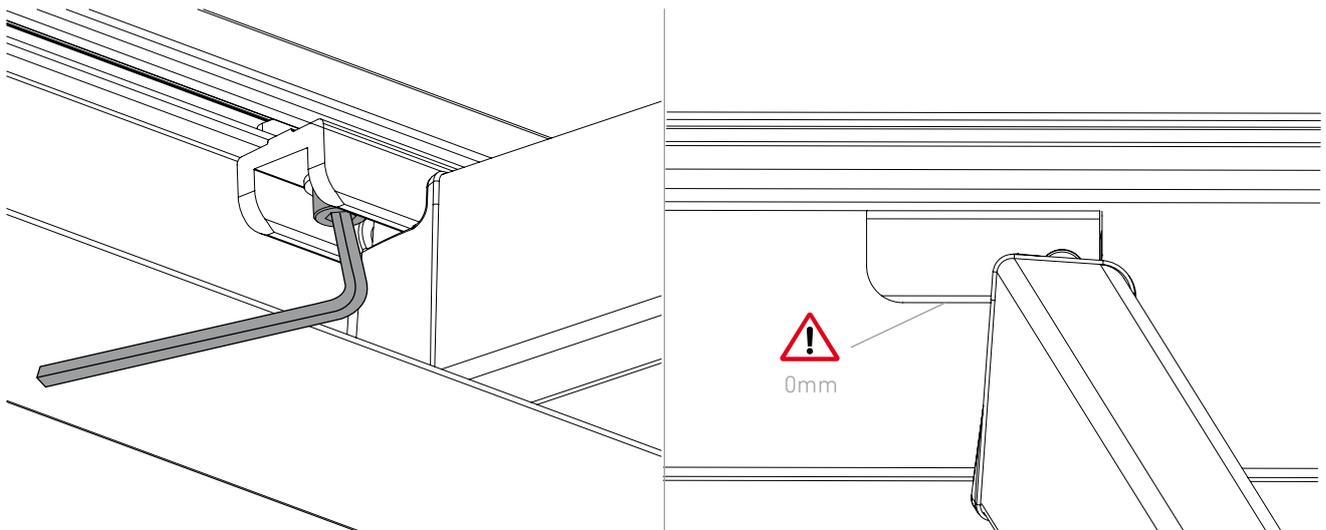
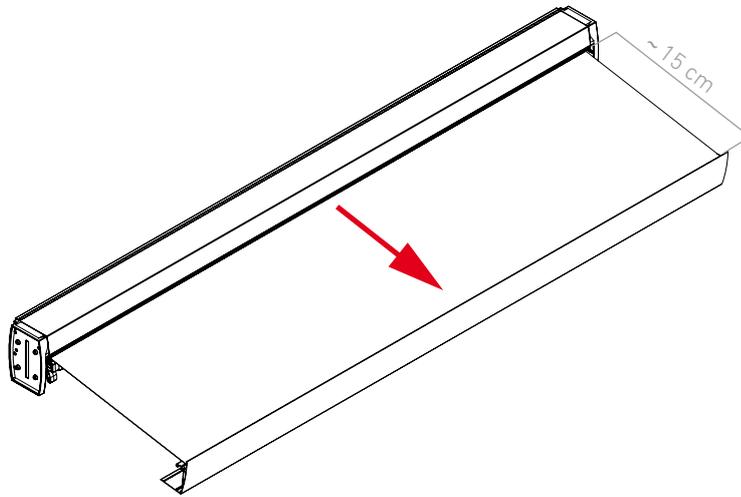
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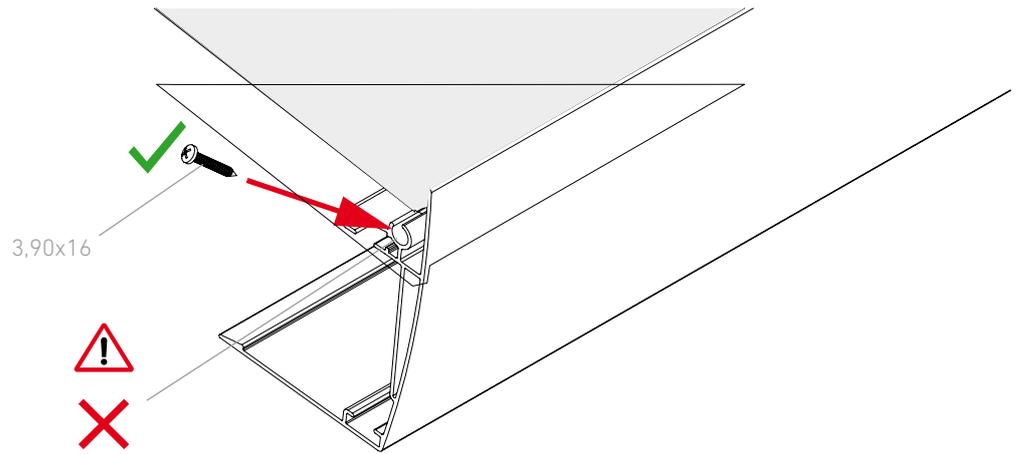


5.12 ARM PLACEMENT

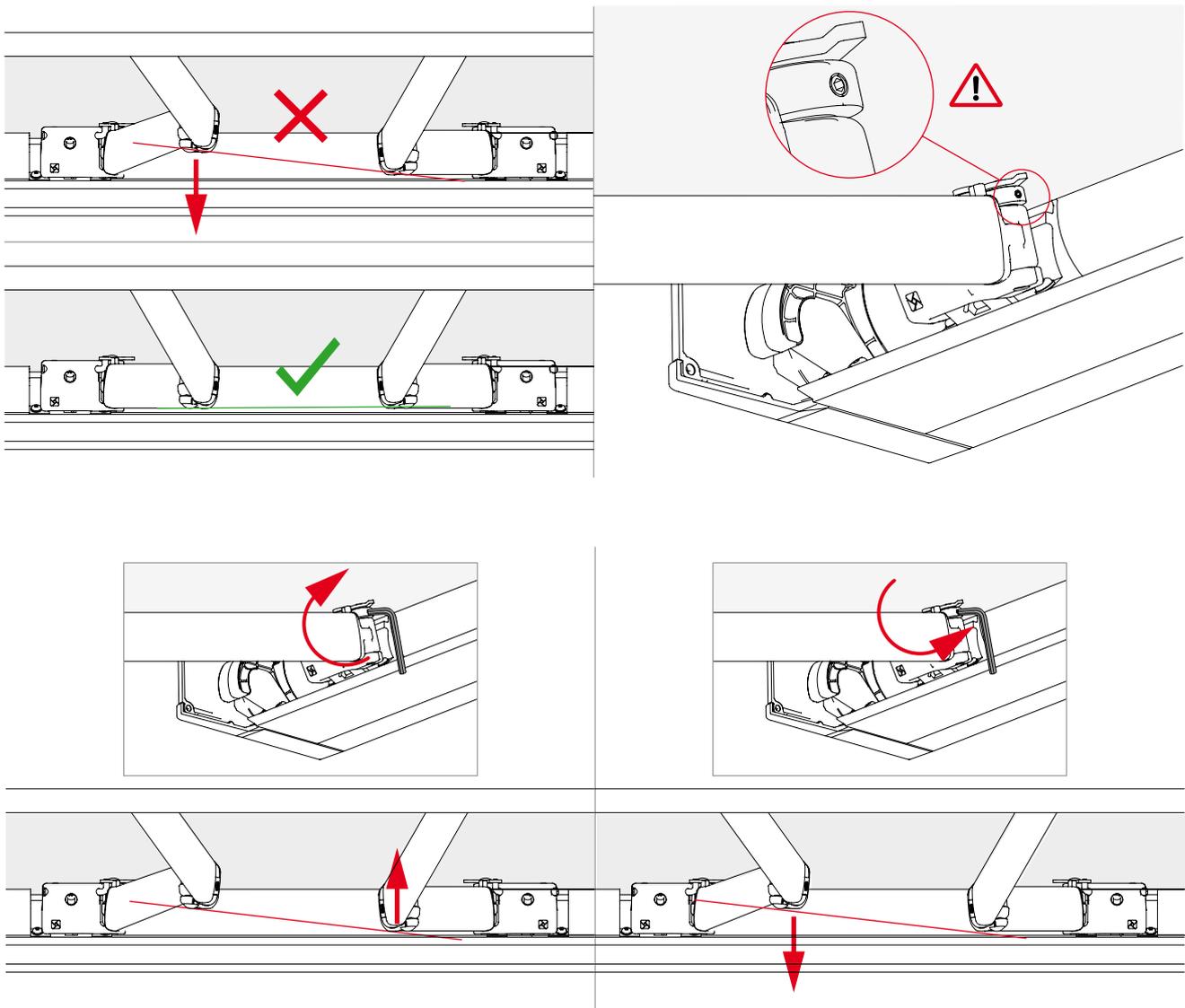


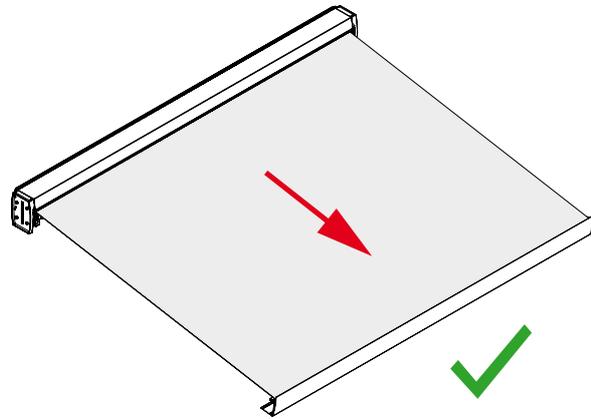
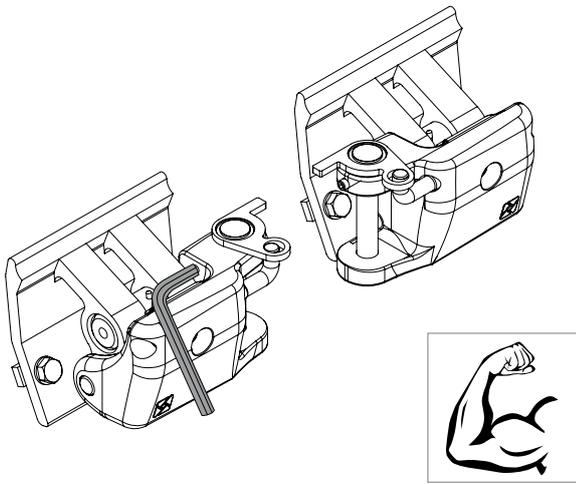
USER SERVICE
ARMS HAVE
A LOT OF STRENGTH.



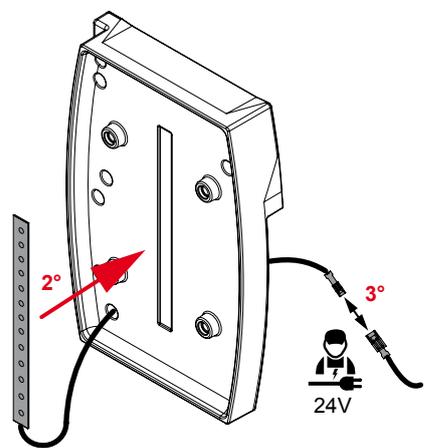
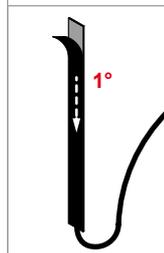
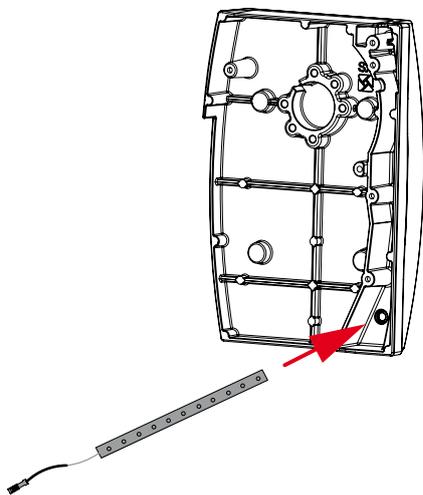


5.13 ARM ALIGNMENT



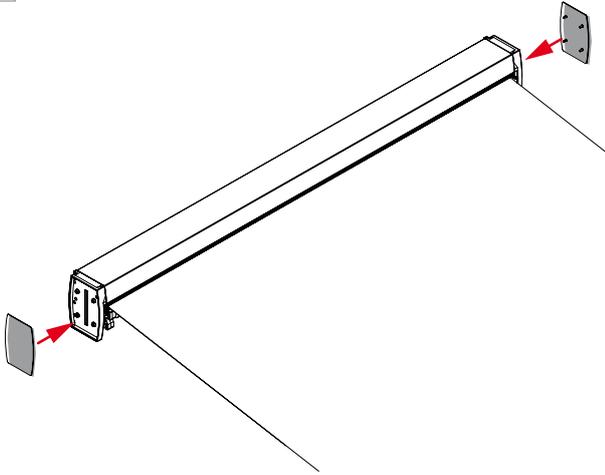


5.14 LED INSTALLING

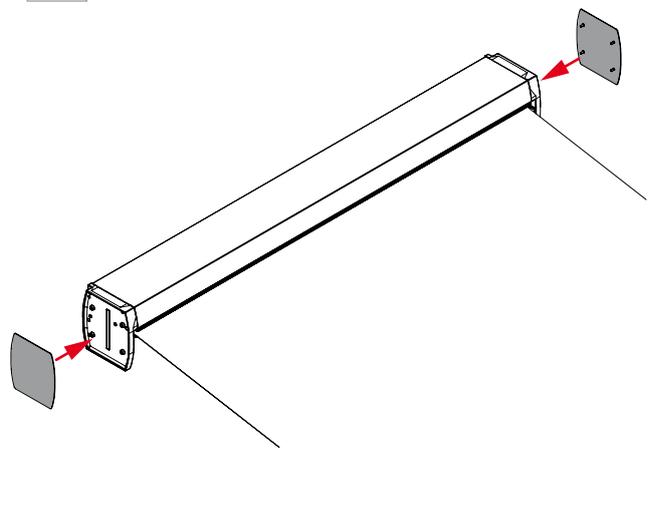


- A. Ameris
- B. Ameris with terminal box

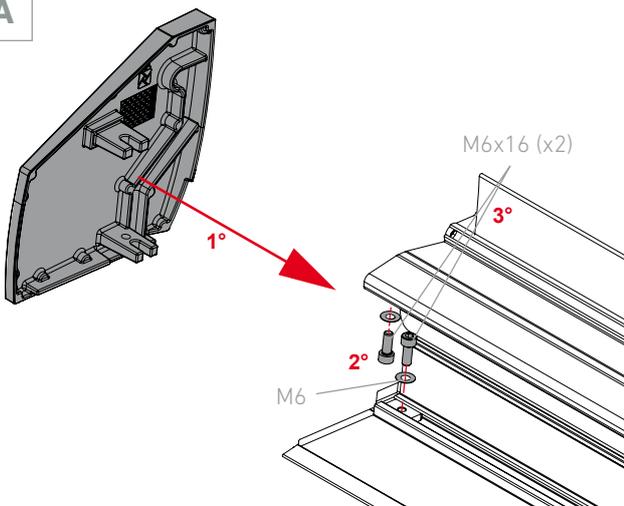
A



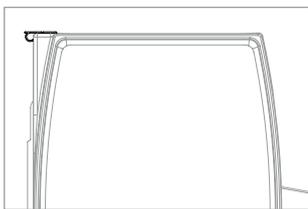
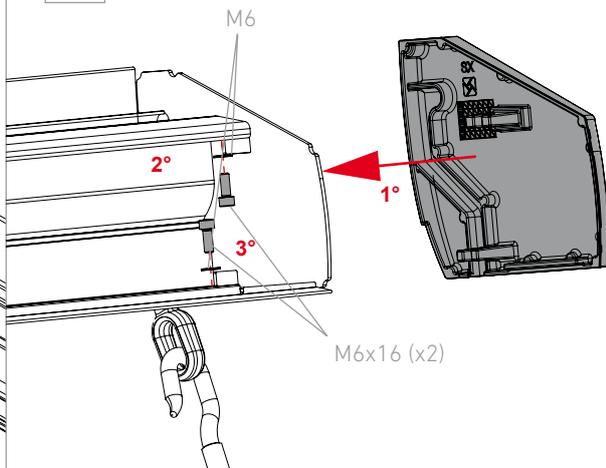
B



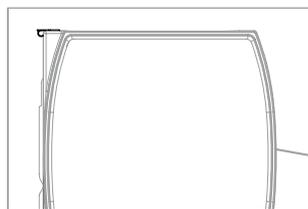
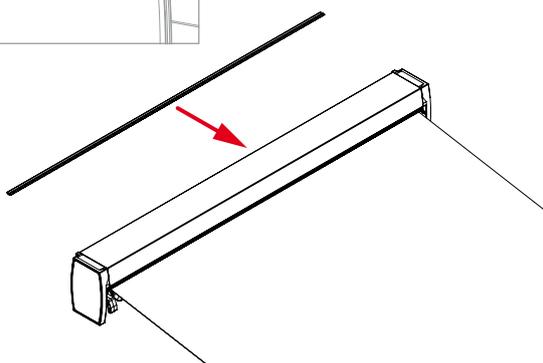
A



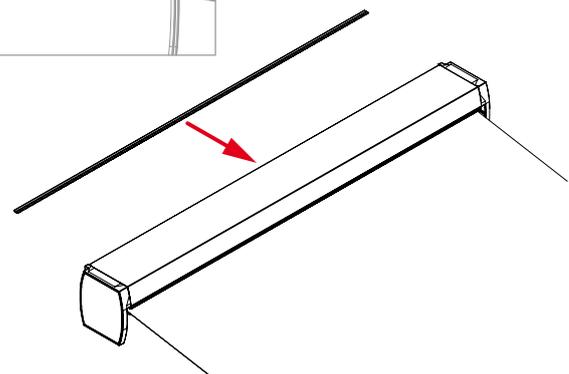
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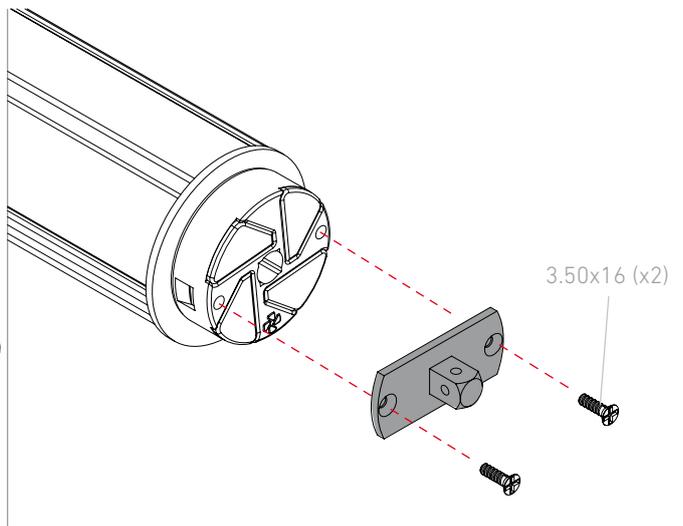
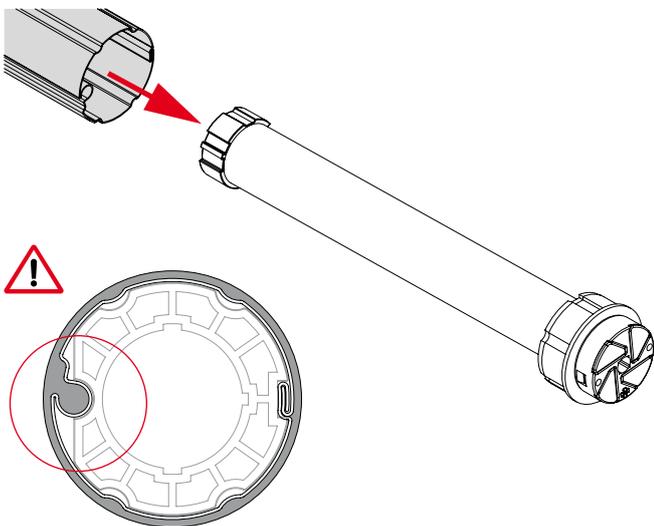
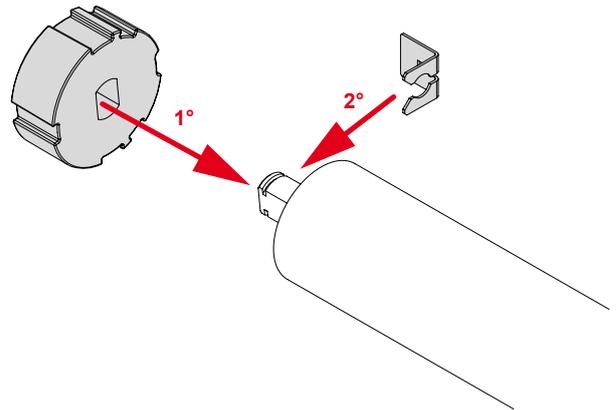
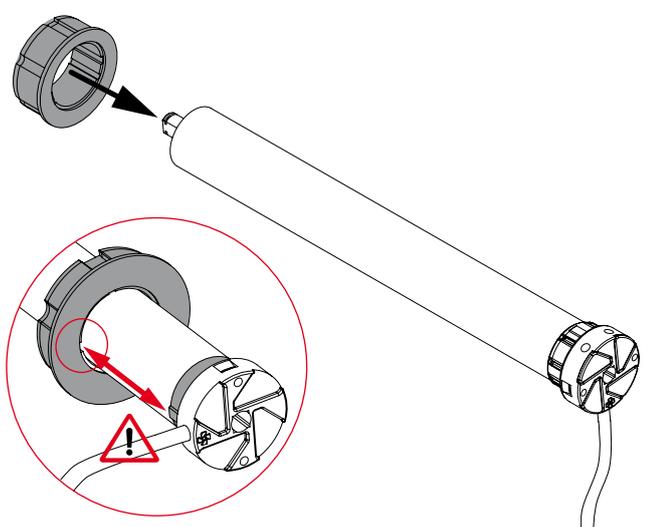
A



B



5.15 ASSEMBLY OF THE MOTORIZED AWNING COMPONENTS



6. MAINTENANCE

6.1. CLEANING AND CARE

For best use and extended durability of the screen, it is recommended to carry out regular maintenance and checks at least once a year, or even more often depending on the wear and tear caused by wind at the installation site.

To prevent rusting, periodic cleaning of gutters and profiles using neutral soap is recommended. This should be done at least once a year and more frequently for materials exposed to aggressive atmospheric conditions (marine, industrial, airborne dust, etc.) It is important to thoroughly rinse the products with water after using detergents to clean them, to avoid the build-up of salts on the profiles' surfaces.

This periodic cleaning, if done correctly, removes exogenous agents from the material's surface that may attack their covering and aluminium components, prolonging the lifespan of the profiles and maintaining their appealing aesthetic.

To clean the canvas, we recommend removing the dust that has accumulated without using water, to enable you to remove all the surface particles by vacuuming, air blowing, beating or brushing.

If you wish to remove finger or grease marks, use water with neutral soap. If they are water-based marks, clean them with at most a sponge and rub with a damp cloth.

NEVER use detergents or other chemical products.

Finally, the user must bear in mind the need to check the tightness of the screws in accordance with the tightening torques.

7. ANNEX I

7.1. WHAT TO DO IN CASE OF EMERGENCY

PROBLEM	CAUSES	SOLUTIONS
The awning doesn't close	The power strips are not positioned symmetrically	Position the power strips as indicated by the manufacturer
	The elbow collides with the profiles of the cassette	Adjust the height of the elbow
	Badly levelled awning	Place the supports so that they are correctly levelled
	Wall level uneven	Place the supports in the same vertical plane
The load bar does not ascend in a straight line	The power strips are not positioned symmetrically	Position the power strips as indicated by the manufacturer
The motor ceases to work after several minutes of continuous use	Thermal motor protection	Allow the motor to cool down for a few minutes

8. ANNEX II

8.1. MOTOR CONFIGURATION

1. SAFETY

1.1 Safety and responsibility

Before installing and using the product, read this guide carefully.

A property motorisation and automatisisation professional must carry out the installation of this Somfy product. This guide is directed at such professionals.

The installer must also comply with the standards and regulations in force in the country of installation and must inform their clients of the terms and conditions of use and maintenance of the product.

Any use differing from the application established by Somfy shall be considered prohibited use. This, along with any breach of the instructions contained in this guide, shall lead to the exemption of Somfy from any responsibility and guarantee.

Before its installation, check the compatibility of this product with the associated equipment and accessories.

1.2 Specific safety regulations

In addition to the safety standards described in this guide, the instructions detailed in the attached document, titled "Safety standards that must be respected and conserved" must be followed.



a) Cut the electrical power to the awning before performing any maintenance procedures.

To avoid damaging the motor:



b) Do not submerge.



c) Avoid knocks.



d) Avoid dropping.



e) Do not drill.

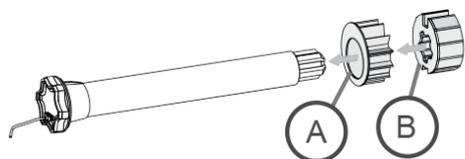


f) Avoid operation in the case of formation of ice on the screen.

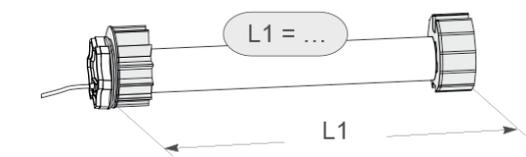
2. INSTALLATION

The Sunea io must be installed in a location that is protected from the elements.

2.1. Motor preparation

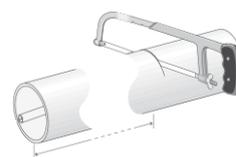


2.1.1 Insert crown (A) and wheel (B) into the motor.

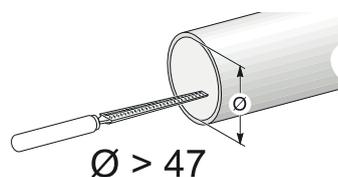


2.1.2 Measure the length (L1) between the inner edge of the motor head and the end of the wheel.

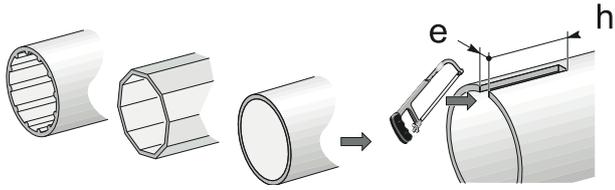
2.2 Tube preparation



2.2.1 Cut the tube to the required length.



2.2.2 Remove burrs and chips from the rolling tube.



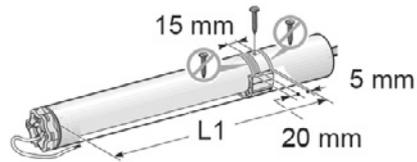
2.2.3 Remove burrs and chips from the rolling tube.
For smooth tubes, make a notch according to the dimensions indicated: - e = 4 mm - h = 28 mm.

2.3 Motor - tube installation



2.3.1 Insert the motor into the rolling tube.
For rolling tubes.

For smooth rolling tubes, align the notch you have made with the crown.



2.3.2 For safety reasons, attach the rolling tube to the wheel with 4 Ø5 mm Parker screws or 4 Ø4.8 mm Pop steel rivets situated:

- At a minimum of 5 mm from the exterior end of the wheel: L1 - 5.
- At a maximum of 15 mm from the exterior end of the wheel: L1 - 15.

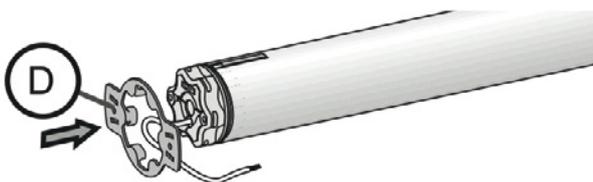
IMPORTANT

The screws or Pop rivets must not be attached to the motor, just to the wheel.

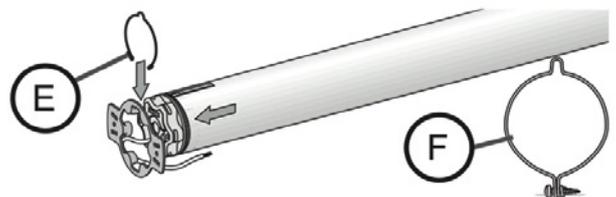
2.4 Tube - motor set assembly



2.4.1 Assemble the tube-motor set on the end support (C).



2.4.2 Assemble the tube-motor set on the motor support (D).



2.4.3 According to the type of support, install stop ring (E) (for ≥ 85 Nm, motors with a stop ring the blocked stop ring (F) must be used).

3. CABLES

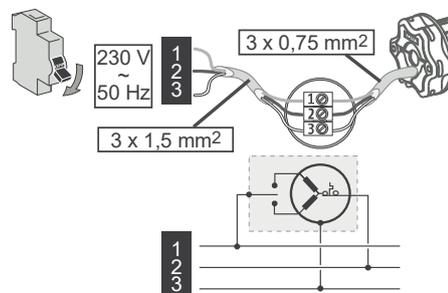
IMPORTANT

Always make a loop in the power cable to avoid water penetrating the motor. During installation, comply with the standards and legislation in force.

1. Cut the electrical power



2. Connect the motor as per the information in the following table:



230 V ~ 50 Hz		MOTOR CABLE
1	Brown	Phase (P)
2	Blue	Neutral (N)
3	Green-yellow	Earth (⏚)

4. START-UP

This guide only describes the start-up process with a Situo io type Somfy io local control point. For start-up with any other type of io control point, consult the relevant guide.

4.1 Identification of the setting steps already performed

IMPORTANT

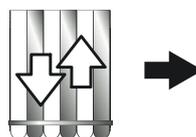
Only one motor must be powered at a time.



4.2. Provide power and follow process "a" or "b" according to the actions of the awning:

A) The awning moves slightly

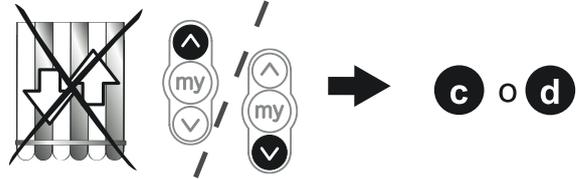
The limit switches are set and there is no io control point registered. Continue to the chapter titled "Registration of first Somfy io local control point".



Registration of the first Somfy io local control point.

B) The awning does not move

Press the raising or lowering button and carry out process "c" or "d" according to the reaction of the awning:



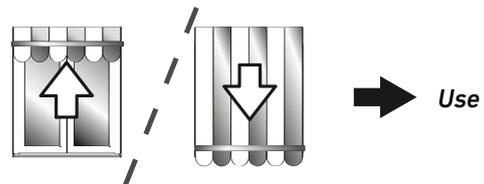
C) The awning still isn't moving

The limit switches are not adjusted and there is no Somfy io control point registered. Continue to the "Prior registration of first Somfy io local control point" chapter.



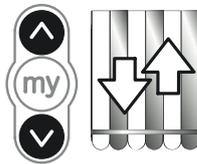
D) The awning raises or lowers completely

The limit switches are set and the Somfy io control point is registered. Continue with chapter titled "Use".



4.3. Prior registration of the Somfy io local control point

Simultaneously press the raising and lowering switches: the awning will move briefly. The Somfy io local control point will have been registered in the motor.

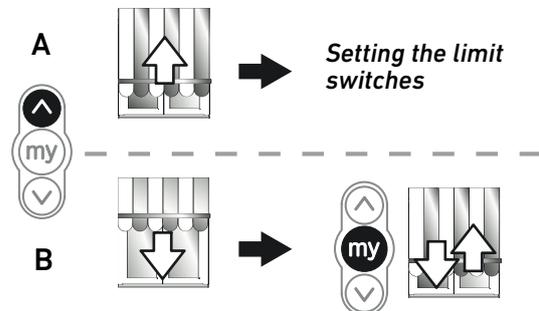


4.4. Motor rotation direction check

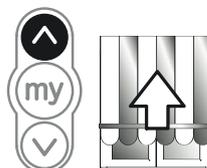
4.4.1. The awning still isn't moving

A) If the awning rises, the rotation direction is correct. Continue to the "Limit switch adjustment" chapter.

B) If the awning lowers, the rotation direction is incorrect: press the "My" button until the awning moves. The rotation direction will have been modified.



4.4.2. Press the raising button to check the rotation direction.

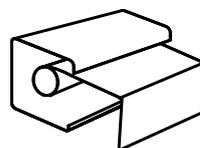


4.5 Setting the limit switches

The limit switch settings depend on the type of awning.

4.5.1 Settings for cassette-type awnings

For cassette-type awnings, the upper limit switch is automatically adjusted, but you need to adjust the lower limit switch.



Lower limit switch setting

IMPORTANT

Do not use the "My" and lowering buttons simultaneously to reach the lower limit switch.

1. Position the awning in the lower limit switch position.

IMPORTANT

If the raising button is pressed for > 2 s, the awning will roll up continuously..

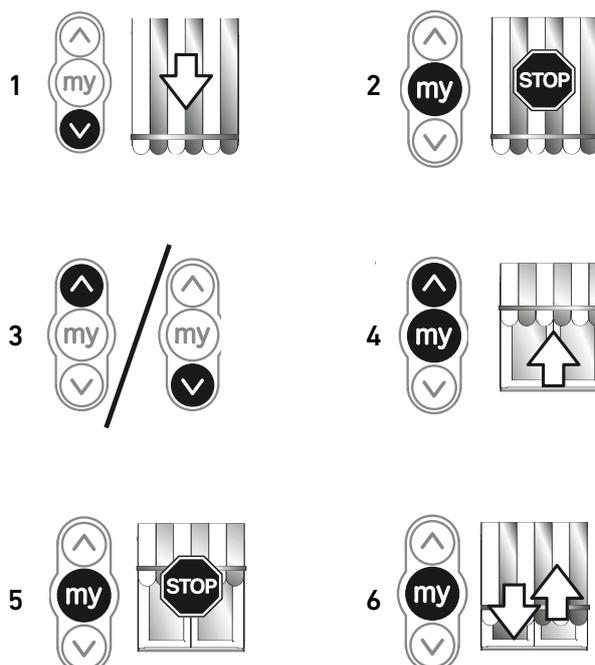
2. Stop the awning in the desired position.

3. If necessary, adjust the position of the awning using the raising and lowering buttons.

4. Simultaneously press the "My" and raising buttons: the awning moves upwards continuously even after you stop pressing the "My" and raising buttons.

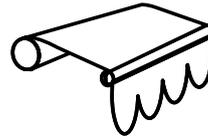
5. At mid-height, briefly press the "My" button to stop the awning.

6. Press the "My" button again until the awning moves: the limit switches are now registered, continue to the chapter entitled "Registration of the first Somfy io local control point".



4.5.2 Modification of non cassette-type awnings

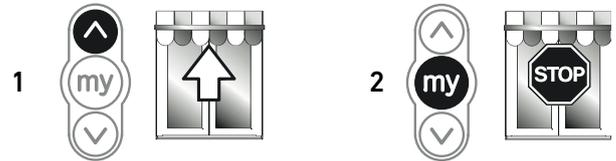
For non cassette-type awnings, the upper and lower limit switches must be modified.



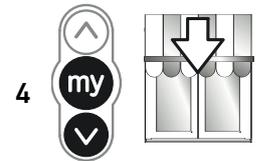
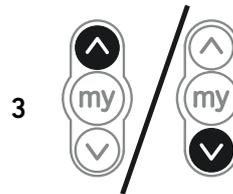
Upper limit switch setting

1. Place the awning in the upper limit switch position.

IMPORTANT
If the raising button is pressed for more than 2 seconds, the awning will continuously raise itself.

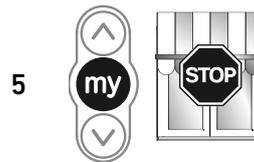


2. Stop the awning in the desired position.



3. If necessary, adjust the position of the awning using the raising and lowering buttons.

4. Simultaneously press the "My" and lowering buttons: the awning lowers continuously even after you stop pressing the "My" and lowering buttons.



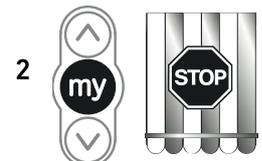
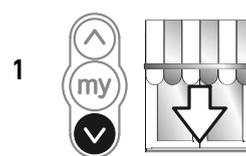
➔ *I continued onto the next step*

5. At mid-height, briefly press the "My" button to stop the awning and continue to the next phase.

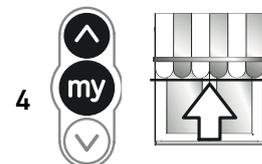
Lower limit switch setting

1. Position the awning in the lower limit switch position.

IMPORTANT
If the lowering button is pressed for more than 2 seconds, the screen will roll down continuously.

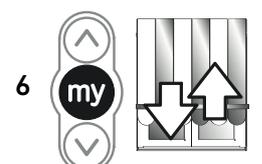
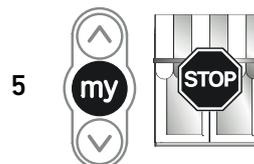


2. Stop the awning in the desired position.



3. If necessary, adjust the position of the awning using the raising and lowering buttons.

4. Simultaneously press the "My" and lowering buttons: the awning lowers continuously even after you stop pressing the "My" and lowering buttons.



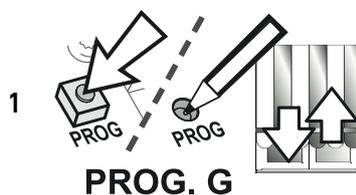
5. At mid-height, briefly press the "My" button to stop the awning.

6. Press the "My" button again until the screen moves: the limit switches are now registered. Continue to the "Prior registration of first Somfy io local control point" chapter.

4.6 Prior registration of first Somfy io local control point

5.6.1 Using a previously registered Somfy io local control point

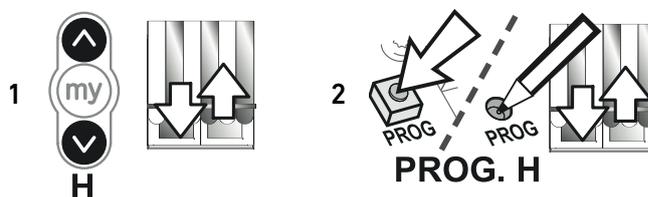
Briefly press the PROG button of this control point (G): the awning moves briefly and the control point will have been registered.



4.6.2 After an electrical power source cut

1. Simultaneously press the raising and lowering buttons of the new control point (H) until the awning moves.

2. Briefly press the PROG button of this control point (H): the awning moves briefly..



4.7 Settings check

Check the settings of the upper and lower limit switches with the Somfy io local control point.

5. USE

5.1 Standard user

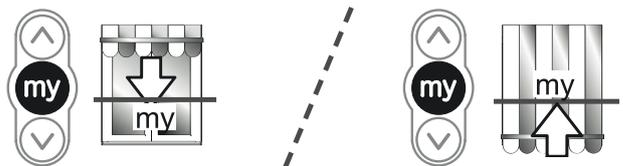
5.1.1 Favourite position ("My")

Definition

The motor can register an intermediate position named "favourite position (My)" that is different to the upper and lower limit positions.

IMPORTANT

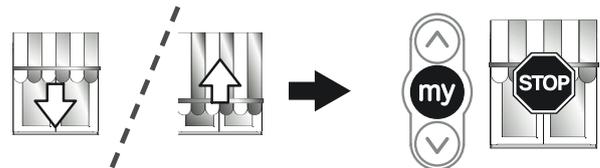
To register, modify or delete the favourite position ("My"), consult the "Additional settings" chapter.



To use the favourite position ("My"): Briefly press the "My" button: the awning will start moving and will stop in the favourite position ("My").

5.1.2 STOP Function

The awning is moving. Briefly press the "My" button: the awning stops automatically.



5.1.3 Raising and lowering buttons

If you briefly press the raising or lowering button, the awning raises or lowers completely.

5.2 Use with a Somfy io sensor

5.2.1 Use with a Somfy io solar sensor (Sunis WireFree™ io)

Consult the guide for the Somfy io wind sensor for further information about its use.

5.2.2 Use with a Somfy io wind sensor (Sunis Eolis WireFree™ io)

Consult the guide for the Somfy io wind sensor for further information about its use.

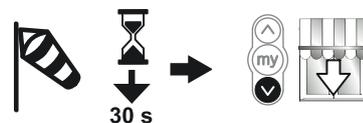
Behaviour of the awning in windy conditions

When conditions are windy, the awning will start to move to reach the upper limit switch. It is impossible to impede the raising of the awning and make it lower itself while conditions are windy.



Behaviour of the awning in non-windy conditions

Once the wind stops, the control point can transmit a manual descent command after 30 seconds. Notwithstanding, all the automatisations will still remain blocked for 11 more minutes.



5.3 Feedback

After each order, the Sunea io sends a message. This response is handled by the bidirectional io control points.

6. ADDITIONAL SETTINGS

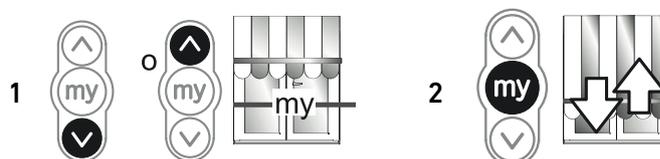
6.1 Favourite position ("MY")

6.1.1 Registering or modifying the preferred position ("My")

The processes of registering and modifying the preferred position ("My") are the same.

1. Place the awning in the desired position "My".

2. Press the "My" button until the awning moves: the preferred position ("My") will be registered.



6.1.2 Deleting the preferred position ("My")

The processes of registering and modifying the preferred position ("My") are the same.

1. Press the "My" button: the awning will move and stop in the preferred position (My).

2. Press the "My" button again until the awning moves: the preferred position ("My") will be deleted.



6.2 Addition or deletion of control points and Somfy io sensors

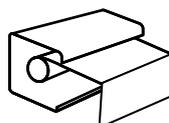
Consult the relevant guide.

6.3 Modification of limit switches

The modification of the limit switches depends on the type of awning.

6.3.1 Modification for cassette-type awnings

For cassette-type awnings, the upper limit switch is automatically adjusted, but you can modify the lower limit switch.



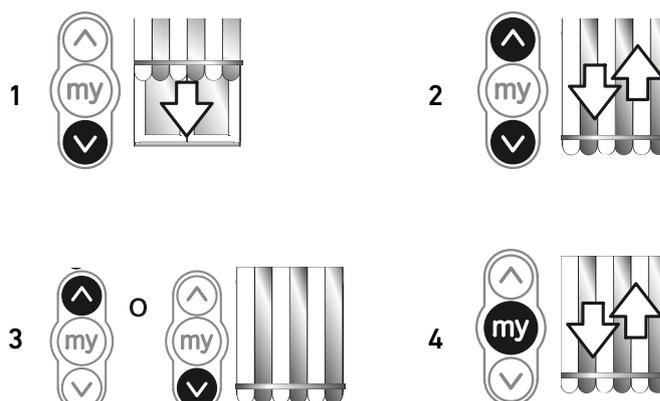
Resetting the lower limit switch

1. Place the awning in the lower limit switch position.

2. Press the raising and lowering buttons simultaneously until the awning moves: the motor is now in adjustment mode.

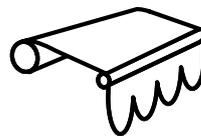
3. Adjust the lower position of the awning using the raising and lowering buttons.

4. Press the "My" button again until the awning moves: the new lower limit switch has been registered.



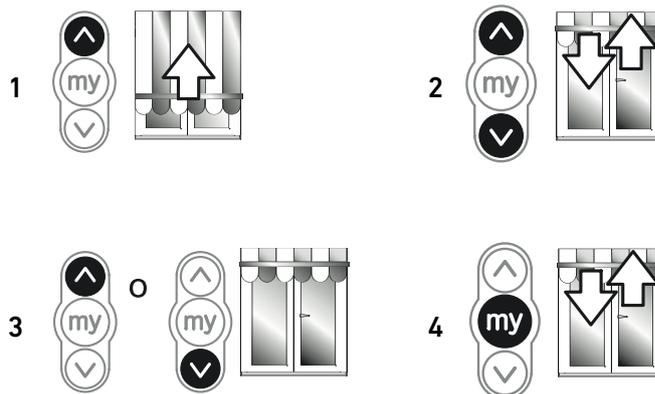
6.3.2 Modification for non cassette-type awnings

For non cassette-type awnings, the upper and lower limit switches can be modified.



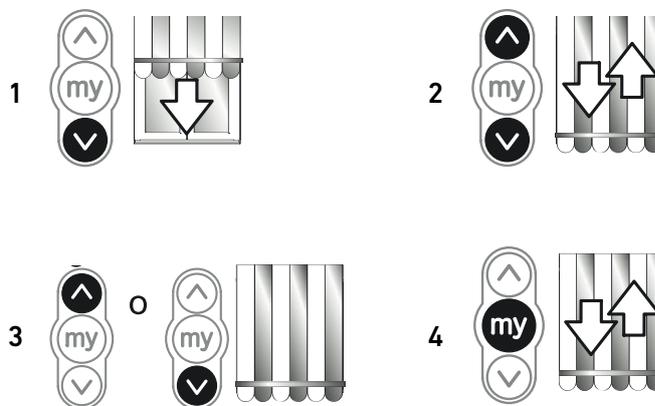
Resetting the upper limit switch

1. Place the awning in the upper limit switch position.
2. Press the raising and lowering buttons simultaneously until the awning moves: the motor is now in adjustment mode.
3. Adjust the upper position of the awning using the raising and lowering buttons.
4. Press the "My" button again until the awning moves: the new upper limit switch has been registered.



Readjusting the lower limit switch

1. Place the awning in the lower limit switch position.
2. Press the raising and lowering buttons simultaneously until the awning moves: the motor is now in adjustment mode.
3. Adjust the lower position of the awning using the raising and lowering buttons.
4. Press the "My" button again until the awning moves: the new lower limit switch has been registered.



6.4 Advanced functions

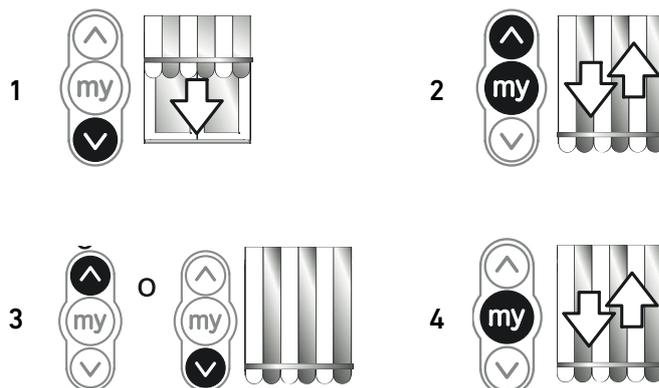
IMPORTANT

Contact the awning manufacturer before using these functions to check the compatibility of its installation.

6.4.1 Back Impulse" function

This function allows the canvas to be tightened during every lowering movement of the awning. It can be adjusted up to ½ a turn of the rolling tube.

1. Place the awning in the lower limit switch position.
2. Press the "My" and raising buttons simultaneously until the awning moves: the motor is now in programming mode.
3. Adjust the canvas tension using the lowering or raising buttons (max. ½ tube turn).
4. Press the "My" button until the awning moves: the canvas tension has been registered.



6.4.2 Back release" function for cassette-type awnings only

This function allows the canvas tension of the cassette-type awning to be loosened after it has been closed.

For safety reasons, this function can only be activated or deactivated from the Somfy io control point in 3 cases:

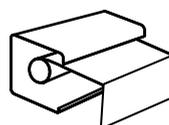
- After the settings are confirmed and before recording the first Somfy io control point.
- After recording the first Somfy io control point and during the following 4 cycles.
- After a cutting-off of power supply and during the next 4 cycles.

To install this function:

1. Place the awning in the upper limit switch position.
2. Press the "My" and lowering buttons simultaneously until the awning moves.

The "Back release" function is deactivated if it is inactive.

The "Back release" function is deactivated if it is active.



IMPORTANT

The "Back release" activation procedure is the same.



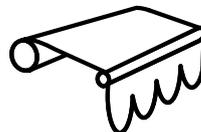
6.4.3 "Closing force" function for cassette-type awnings only

This function allows the user to increase or reduce the awning cassette closing force on 3 levels (high-medium-low).

By default, the motor is supplied from the factory set to a medium level.

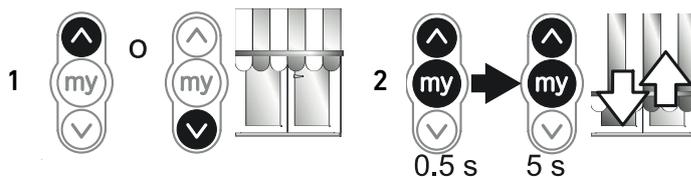
For safety reasons, this function can only be accessed from the Somfy io control point in 3 cases:

- After the settings are confirmed and before the first Somfy io control point is registered.
- After the first Somfy io control point is registered and during the following 4 cycles.
- After the power supply is cut off and during the next 4 cycles.



To install this function:

1. Place the awning in the middle position.
2. Press the "My" and raising buttons simultaneously, then press and hold down both the "My" and raising buttons until the awning moves.

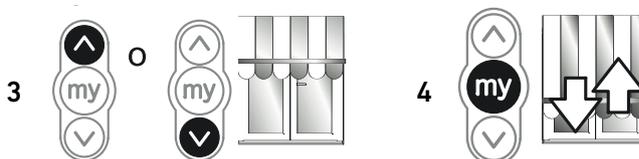


IMPORTANT:

The motor will stay in programming mode for only 10 seconds.

3. Set the closing force using the raising and lowering buttons.

- To increase the closing force, press the raising button until the awning moves slowly: the closing force of the cassette awning will move up a level.
- To reduce the closing force, press the down button until the awning moves slowly: the closing force of the cassette awning will go down a level.



4. Press the "My" button again until the awning moves: the new closing force will be registered.

7. TIPS AND TRICKS

7.1. Do you have any questions about the Sunea screen io?

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
The awning doesn't work.	The cabling is incorrect.	Check the cabling and modify it if necessary
	The motor is too hot	Wait for the motor to cool down.
	The cable used is incorrect	Check the cable used and make sure it has 3 wires
	The Somfy io control point battery needs replacing	Check the battery and change it if a new battery is needed.
	The control point is incompatible.	Check compatibility and change the control point if necessary.
	The io control point used is not stored in the motor.	Use the registered control point or register this control point.
The awning stops too soon.	The crown is positioned incorrectly.	Mount the crown correctly.
	The limit switches are incorrectly programmed.	Set the limit switches again.

7.2 Replacing a lost or damaged Somfy io control point

Consult the relevant guide.

IMPORTANT

This restoration eliminates all control points, sensors, all limit switch settings and resets the direction of rotation and the preferred position ("My") of the motor. However, the configuration of the advanced functions ("Back impulse", "Back release", "Closing force") will be maintained.

7.3 Restoring original configuration

Consult the relevant guide.

IMPORTANT

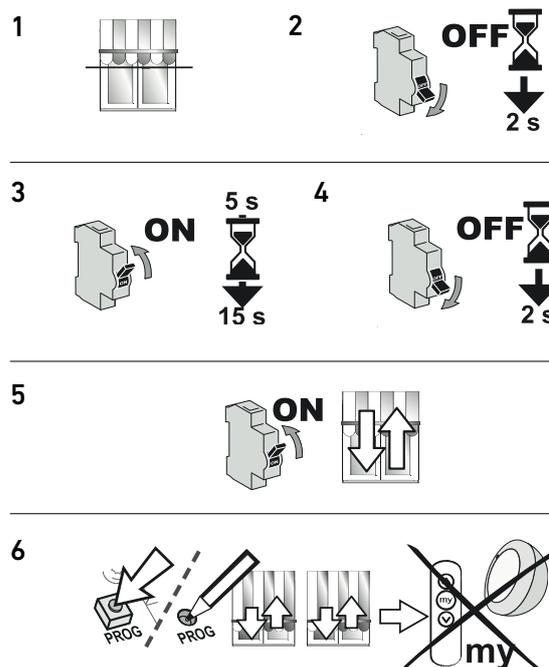
The double power cut-out should only be carried out on the motor that is to be reset.

- 1) Place the awning in the middle position (if possible).
- 2) Disconnect the electrical power source for 2 seconds.
- 3) Re-connect the electrical power source for between 5 and 15 seconds.
- 4) Disconnect the electrical power source for 2 seconds.
- 5) Re-connect the electrical power source: the awning will move for a few seconds.

If the awning is in the upper or lower limit switch position, it will move briefly.

- 6) Keep the PROG button pressed down: the awning makes an initial movement and another a few moments later. The motor has now reverted to the factory configuration.

- Repeat the process detailed in the chapter entitled "Start-up" chapter.



8. TECHNICAL DATA

Radio frequency	868-870 MHz io-homecontrol® bidirectional triband
Power source	230 V ~ 50 Hz
Use temperature	-20 °C a +70 °C
Protection index	IP 44
Maximum number of control points and associated sensors	9
Security level	Class I

9. ANNEX III

9.1. DISASSEMBLY AND DISPOSAL OF THE PACKAGING AND COMPONENTS OF THE PRODUCT AT THE END OF ITS USEFUL LIFE

IMPORTANT

The packaging must be recycled by the authorised professional who installed the product.

We advise you to recycle the product packaging responsibly:

- Please dispose of this waste in accordance with the current regulations:
 - Directive 94/62/EC on packaging and packaging waste.
 - Spanish Law 11/1997 of April 24th on packaging and packaging waste.
- Please sort the waste by separating each and every one of the various materials, to facilitate effective disposal of the packaging.
- Do not dispose of packaging materials together with other types of waste. Take them to a packaging materials collection point designated by the local authorities.
- In order to minimise the environmental impact of packaging and packaging waste, it is necessary to define the composition and nature of the packaging of our products to recommend their best disposal.

Paper and cardboard: In waste management, the recycling of paper and cardboard plays an important role, because up to 70% can be reclaimed. The disposal of paper and cardboard can be done through various channels such as collection by private operators or delivery to waste treatment plants.

Plastic: The recycling of plastics has many advantages for the environment and therefore benefits the quality of life of everyone, contributing to a greater saving of raw materials as well as natural, energy producing and economic resources. The disposal of plastic can be done by private operators or delivered to waste treatment plants.

Bubble wrap: This is made of low density polyethylene, which makes it 100 % recyclable. For optimal disposal, please deliver any waste comprising this material to plastic waste treatment plants.

OUR COMMITMENT TO THE ENVIRONMENT

One of Giménez Ganga's objectives is to maintain socially responsible behaviour. This commitment to the environment implies continuous improvements in the measures that are adopted to combat climate change.

Promoting responsible care of the environment, complying with the legal and regulatory requirements applicable to our products and promoting energy saving in all our projects are measures that are essential for us to achieve our objectives.

DISASSEMBLY AND REMOVAL OF THE PRODUCT

When disassembling this product, a number of precautionary measures must be taken. Observe the following warnings and instructions. Please contact your supplier with any queries.

Disassembly may only be carried out by experienced fitters. This manual is not intended for DIY enthusiasts or installers in training.

For more information on these disassembly instructions, please refer to the chapters regarding installation in this manual that contain diagrams and detailed information.

IMPORTANTE

Opere siempre con mucha precaución. Utilice herramientas apropiadas y en perfecto estado.

IMPORTANT

The disassembly of the product at the end of its useful life must be carried out by qualified personnel, and in order to carry it out, the reverse steps that were carried out for its assembly must be performed.

• Step 1

Loosen the screws that secure the awning to the supports, and remove the awning.

• Step 2

Remove the end caps.

• Step 3

Loosen the screws that fix the bars to the foot supports and decouple the bars.

• Step 4

With the awning closed, attach the protective bands to the arms.

• Step 5

Loosen the screws securing the arms to the arm support and the terminal and remove the arms.

• Step 6

Remove the plugs for the LED canopy.

• Step 7

Loosen and remove the arm supports and funnel placed in the centre.

• Step 8

Remove the funnels from both ends of the box.

• Step 9

Remove the LED lower canopy and unclip the LED diffuser profile from it.

• Step 10

Removing the upper rubber profile Ameris from the profile top of the chest.

• Step 11

Uncouple the profiles that form the box.

• Step 12

Uncouple the roller tube.

• Step 13

Remove the end cap from the winding tube and the motor.

• Step 14

Remove the motor

• Step 15

Remove the terminal covers.

• Step 16

Remove the screws and plugs from the end cap in order to remove the tarpaulin from the end profile.

• Step 17

Remove the tarpaulin from the winding tube by loosening and removing the bolts and plugs from the tube's ogive.

• Step 18

Loosen the screws that secure the awning to the supports, and remove the awning.

IMPORTANT

Ensure that you dispose of all pieces of the product taking into account the nature of its materials.

COMPONENTS	STEEL GALVANISED	STAINLESS STEEL	ALUMINIUM	WEEE	PLASTIC	TEXTILES
Profiles			•			
Screws		•				
Axle	•					
Motor				•	•	
Motor supports			•			
Supports			•			
Set of arms			•		•	
Terminal plate			•			
Canvas						•

Our products are mainly made of recyclable materials. It is advisable to be informed about the recycling or disposal systems provided for in the current regulations in your country for this product category.

IMPORTANT

- Always act with care. Please only use suitable tools that are in perfect condition.
- Ensure that you dispose of all pieces of the product taking into account the nature of its materials.



This symbol means that the product must not be disposed of together with household waste as it must be collected separately for recovery, reuse or recycling in accordance with local regulations.



In compliance with European Directive 2012/19/EU, waste electrical and electronic equipment (WEEE) can become a serious environmental problem if not managed properly. The Directive provides the general framework valid throughout the European Union for the disposal and re-use of waste electrical and electronic equipment.

At the end of the service life of the electrical or electronic equipment, it must not be thrown away together with other types of waste. They can be delivered to the specific centres regulated for this purpose by the local authorities.

The effective separation of waste will avoid negative consequences for the environment and health that could result from poor waste management or inadequate waste disposal.

IMPORTANT

By complying with this directive, you will be acting in favour of the environment and will contribute to the conservation of natural resources and the protection of health.

Local regulations may impose significant penalties for illegal disposal of the product.

THE MATERIALS THAT OUR PRODUCTS ARE MADE OF OFFER A GREAT VARIETY OF ENVIRONMENTAL ADVANTAGES



GALVANISED STEEL

Galvanised steel is a type of steel which undergoes a certain treatment, at the end of which it is coated with several layers of zinc which protect it, avoiding oxidation. The recycling of zinc helps reduce demand for new materials and as a result generates considerable energy savings, being a metal that constitutes a very valuable and sustainable resource.

For proper recycling of galvanised steel, it is advisable to visit a metal waste collection centre.



STAINLESS STEEL

Stainless steel is an iron alloy containing nickel and chromium to protect against corrosion and rust. Its qualities include resistance to high temperatures and being a particularly strong material. Stainless steel is an infinitely recyclable "green material". Its properties make it ideal for exposure to poor weather conditions.

Therefore, to ensure proper disposal of stainless steel, it is recommended that this material be left at a specialised waste collection centre.



ALUMINIUM

Aluminium recycling guarantees an endless variety of environmental benefits. The use of recycle aluminium saves 95% of the energy used in its production in its raw state, and it can be recycled as many times as desired and is fully recoverable. Therefore, the recycling of aluminium is both technically and economically profitable.

Therefore, to ensure proper disposal of aluminium, it is recommended that this material be left at a specialised waste collection centre.



CABLES

The recycling of electrical cables prevents the contamination that can come from these elements. Its recycling allows for the subsequent use of the copper, aluminium and brass from the cables, once they are separated from their plastic insulation.

Electrical and electronic waste must be taken to clean points for proper recycling.



PET



HDPE



PVC



LDPE



PP



PS



OTHER

PLASTIC

Plastic recycling provides a sustainable source of raw material for the industry. Its reuse also significantly reduces environmental problems, as it is a non-biodegradable material.

Recycling reduces energy consumption and CO2 emissions, thus mitigating pollution and climate change.

There are several types of plastic, so to achieve optimal recycling it is essential to deposit them in clean points where the separation of the different types and their identification will take place.



TEXTILES

The use of textile waste is essential when we talk about recycling. Reuse of such waste helps to reduce the consumption of water and the gases that are released in the manufacturing process.

In order to encourage the proper disposal of textiles, it is recommended that they be left at a specialised waste centre where the different textile fibres will be separated.

IMPORTANT

Follow the recommendations for effective product recycling. Remember that recycling is more than an action; it is the value of accepting responsibility

