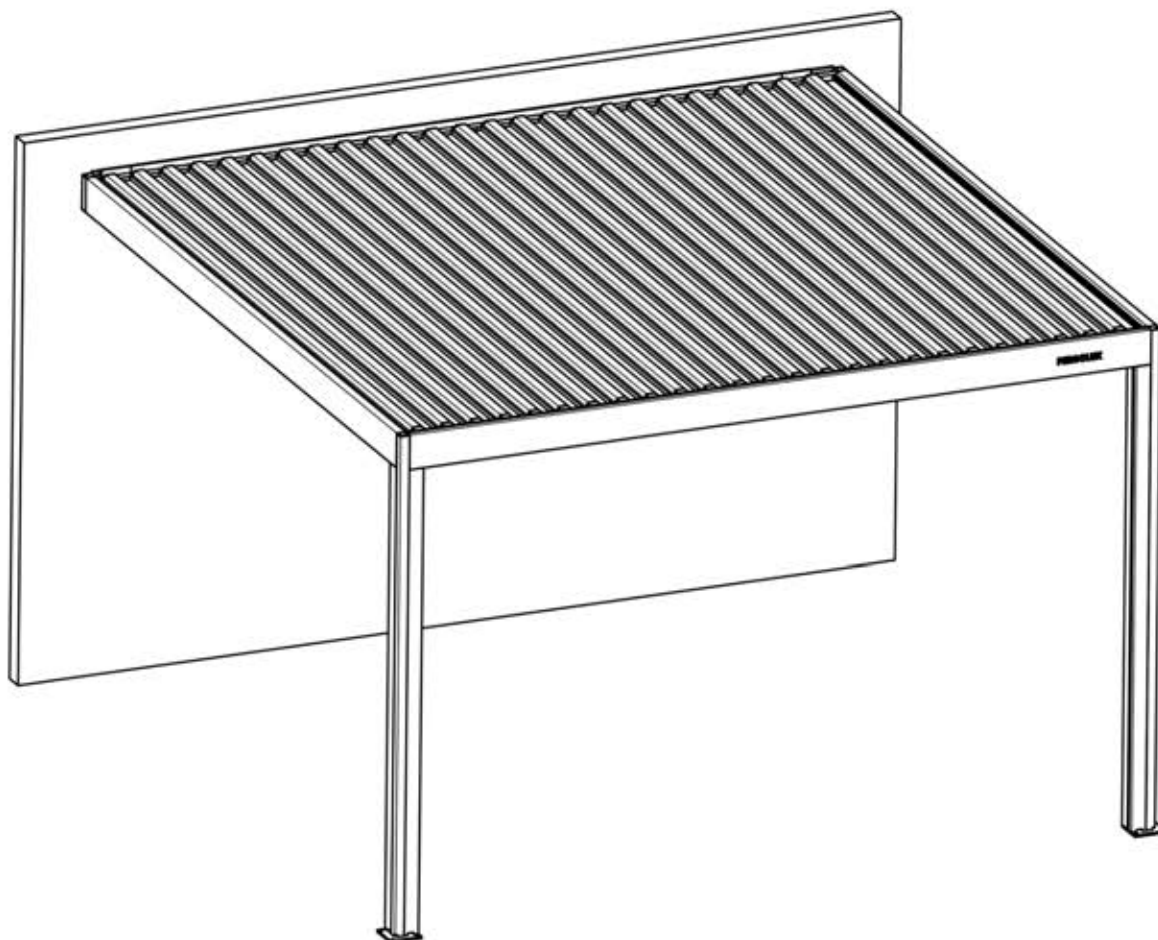


S4

PERGOLA



4×4m/13'x13'
WALL MOUNTED

PERGOLUX



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678



INFORMATION



INSTALLATION INSTRUCTIONS:

Ensure all parts are present and undamaged before starting the assembly.

Secure to a solid foundation with the correct fasteners for your foundation.

(If applicable) Install motors and wiring as shown. Ensure the electrical components are powered off during installation.

Use the correct lifting and installation equipment.

SAFETY WARNINGS:

Keep children and pets away during installation.

Do not operate the structure if parts are loose or improperly installed.

Ensure the structure is securely anchored to prevent accidents.

Do not insert fingers or any objects between the louvres.

MAINTENANCE:

Regularly clean the aluminum structure to maintain its appearance and prevent the accumulation of dirt.

Also, make sure to clean the gutters regularly. Inspect moving parts for wear and lubricate as necessary.

Check anchor points periodically to ensure stability.



INSTALLATIONSANLEITUNG:

Stellen Sie sicher, dass alle Teile vorhanden und unbeschädigt sind, bevor Sie mit der Montage beginnen.

Befestigen Sie sie mit den richtigen Befestigungselementen für Ihr Fundament auf einem soliden Fundament.

(Falls zutreffend) Installieren Sie Motoren und Verkabelung wie gezeigt. Stellen Sie sicher, dass die elektrischen Teile während der Installation ausgeschaltet sind.

Verwenden Sie die richtige Hebe- und Installationsausrüstung.

SICHERHEITSHINWEISE:

Halten Sie Kinder und Haustiere während der Installation fern.

Betreiben Sie die Struktur nicht, wenn Teile lose oder nicht richtig installiert sind.

Stellen Sie sicher, dass die Struktur sicher verankert ist, um Unfälle zu vermeiden.

Stecken Sie keine Finger oder andere Gegenstände zwischen die Lamellen.

WARTUNG:

Reinigen Sie die Aluminiumstruktur regelmäßig, um ihr Aussehen zu erhalten und die Ansammlung von Schmutz zu verhindern.

Reinigen Sie auch die Dachrinnen regelmäßig. Überprüfen Sie bewegliche Teile auf Verschleiß und schmieren Sie sie bei Bedarf.

Überprüfen Sie die Ankerpunkte regelmäßig, um die Stabilität sicherzustellen.



Pergolux GmbH, 9 Goethestraße,
36043 Fulda,
Germany
26

DOP-PER-FSWM-S4

EN 13561:2015

Pergolux Pergola S4

External use in buildings and other
construction works

Resistance to wind loads: Class6(EN13561)

SYMBOL EXPLANATION



Indicates the outside of the pergola structure.



This step may require extra force.



Indicates the inside of the pergola structure.



Key information to follow during installation.



Important! Be cautious when assembling or handling this part.



This item must be purchased separately.



Required tools for assembly.



Apply lubricant to make screw assembly easier.



Ensure grounding is connected before powering up.



Do not use a regular hammer, as it may cause damage.



Align slats according to sunlight direction for optimal shading.



AC Input



Repeat this step as many times as the number indicates

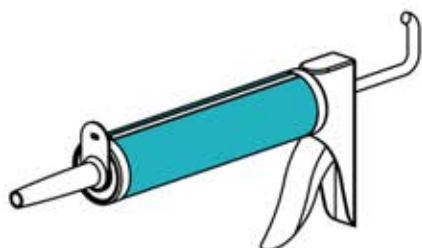


Motor

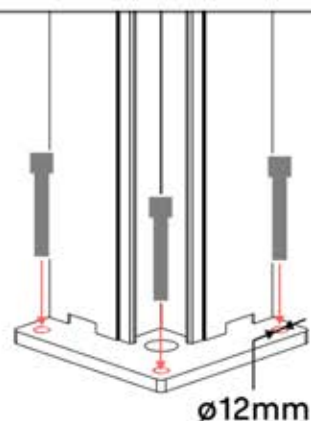


Turn around

INFORMATION



Use a high-quality, weather-resistant and mold-resistant adhesive and sealant to seal the corners of the pergola and prevent leakage. Look for products that are designed for outdoor use and provide a strong, long-lasting bond.



Use on
concrete



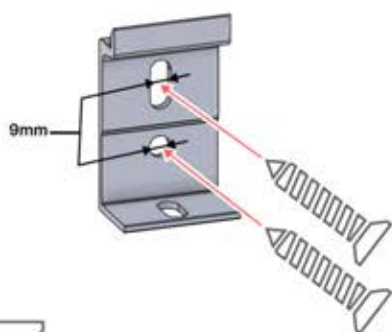
x6

Use on
wood



x6

You need to buy 10 mm screws to attach the pergola to the ground



x

You need to buy 8 mm screws to attach the pergola to the wall

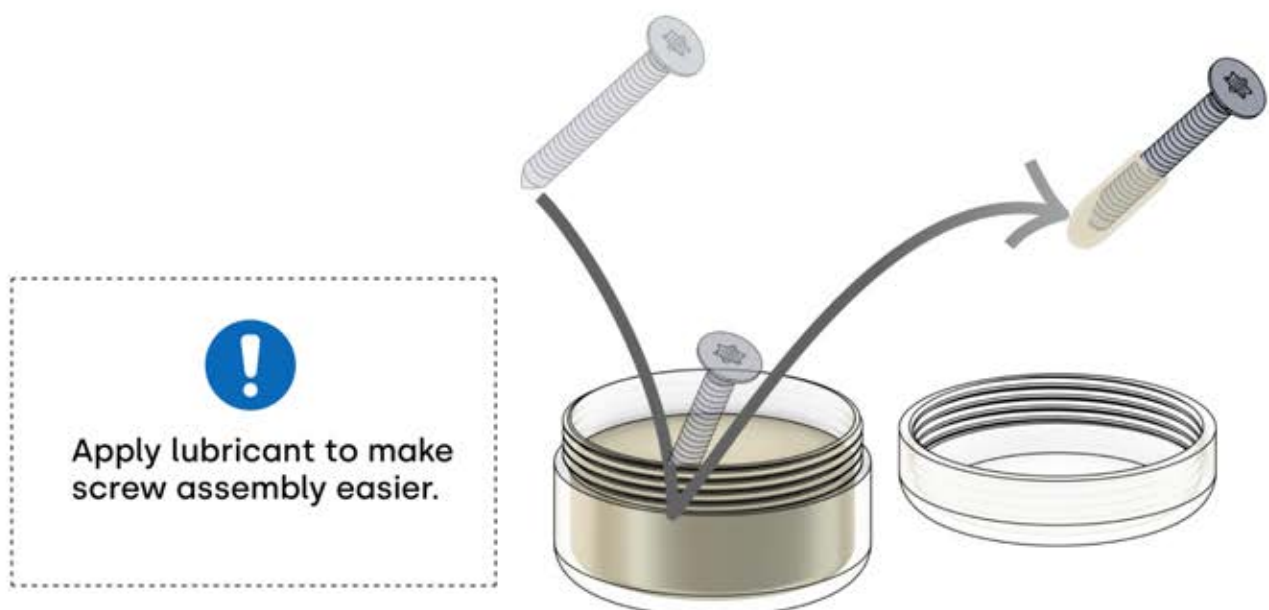


PERGOLUX

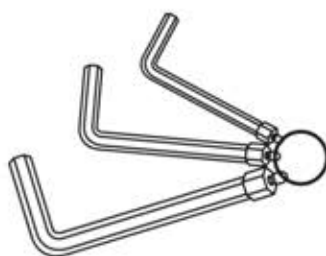
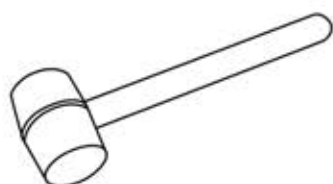
INFORMATION

All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

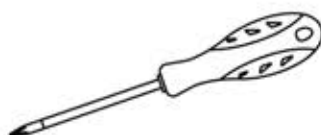
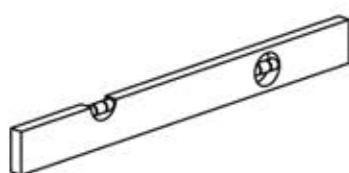
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
- **USE LUBRICATION:** Apply lubricant to make screw assembly easier.



TOOLS



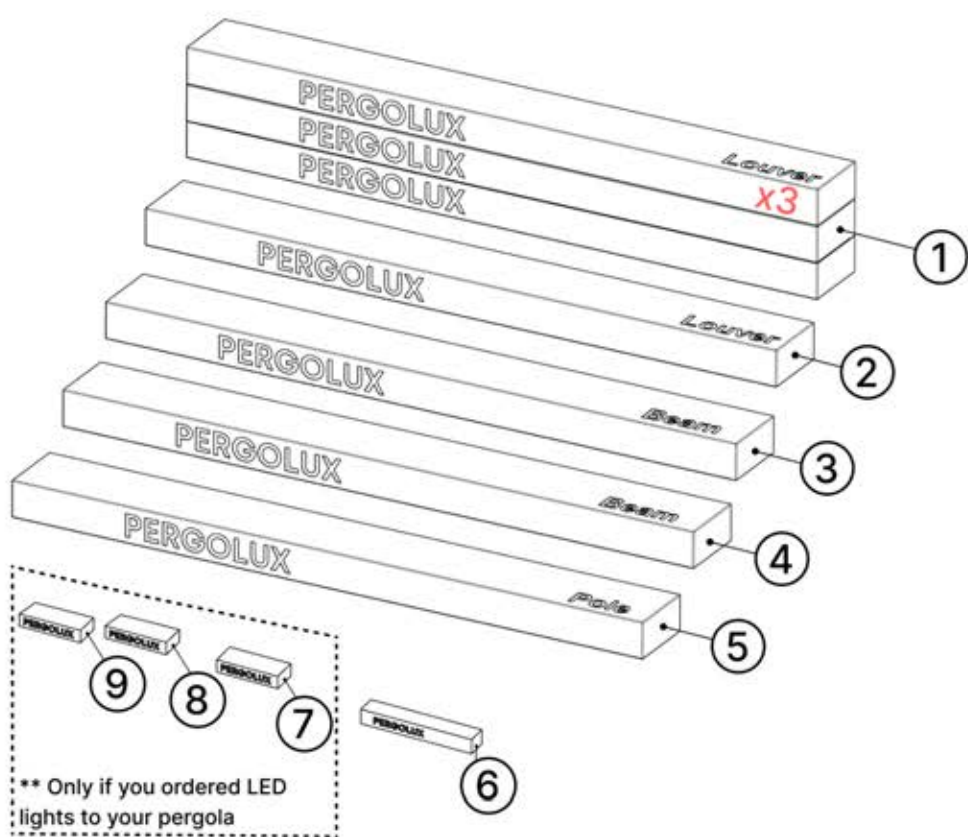
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30



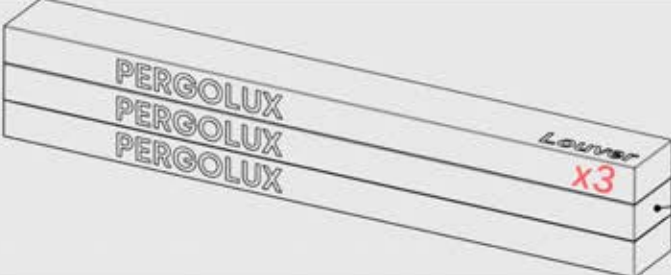
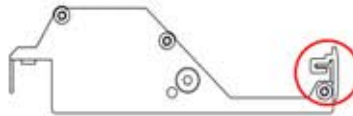
ITEMS IN BOX



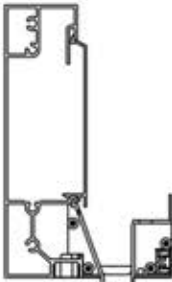
ORDER	ANTHRACITE	WHITE	BLACK
①	L198	L202	L200
②	L210	L214	L212
③	B215	B219	B217
④	B197	B205	B201
⑤	C120	C122	C121
⑥	MANUAL MOTOR	MANUAL MOTOR	MANUAL MOTOR

** Only if you ordered LED lights to your pergola	
⑦	CONTROL BOX
⑧	POWER CABLE
⑨	LED BOX

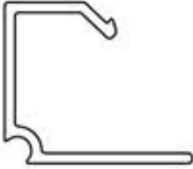
ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	1	L198	L202 L200
 		PN-200002893 18x	
	ANTHRACITE WHITE BLACK		
	2	L210	L214 L212
 		PN-200002893 6x	
 		PN-200002892 1x	

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
3		B215	B219	B217
			PN-200002889 1x	
			PN-200002890 1x	
			Premounted PN-200002898 2x	

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
4		B197	B205	B201
		PN-200002747 1x		
		PN-200003328 1x		
		PN-200002609 1x		
		PN-200002623 1x		
		PN-200002613 1x		

ITEMS IN BOX



Note: If accessory bags lack part number stickers, refer to the manual for identification.



ANTHRACITE

WHITE

BLACK

4

B197

B205

B201



PN-200002633

1x



PN-200003329

1x



PN-20000

3326

5.5X60

7/32" x 3"



PN-200000560

10x



PN-20000

3320



PN-200000826

2x



PN-20000

3302



PN-200001514

4x

PN-200003323

1x



PN-200003322

1x



PN-200000840

18x



PN-20000

3604



PN-200002709

4x



PN-200000958

2x



PN-200000668

2x

ITEMS IN BOX



Note: If accessory bags lack part number stickers, refer to the manual for identification.



ANTHRACITE

WHITE

BLACK

4

B197

B205

B201



PN-20000
3311



PN-200002793
2x



PN-200003034
4x



PN-20000
3278



PN-200003033
2x



PN-200003030
1x

PN-200003031
1x



PN-200001207
2x



PN-20000
3319



PN-200003318
1x



PN-200003370
1x



PN-200003367
1x



PN-200003368
2x



PN-200000853
2x



PN-200000502
1x



PN-200003317
1x



PN-200000561
1x



PN-200000511
2x

ITEMS IN BOX



Note: If accessory bags lack part number stickers, refer to the manual for identification.



ANTHRACITE WHITE BLACK

B197

B205

B201



PN-20000
3303



PN-200002706
4x



PN-20000
3279



PN-200000568
32x



PN-20000
3281



PN-200002622
4x



PN-200000680
8x



PN-20000
3305



PN-200000510
5x



PN-200000655
5x



PN-200000669
5x



PN-20000
3309



PN-200003308
2x

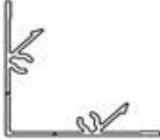


PN-200003324
2x



PN-200001340
1x

ITEMS IN BOX

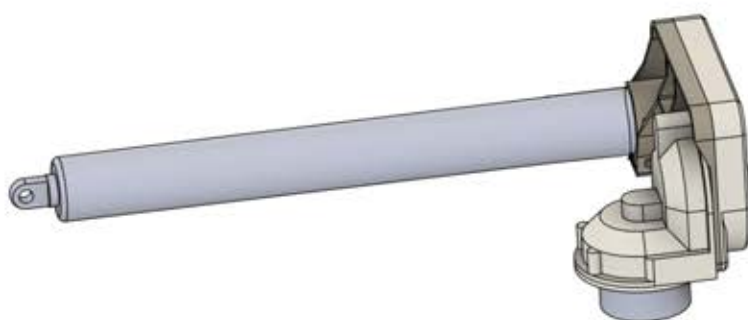
	ANTHRACITE WHITE BLACK		
	5	C120	C122 C121
		PN-200002606 2x	
		PN-200003386 2x	
		PN-200002614 2x	

ITEMS IN BOX



6

MANUAL MOTOR



Manual motor
PN-200001563
1x



PN-200001623

1x



PN-200001624

1x



PN-200001625

2x



Hand crank

1x

ITEMS IN BOX



**** Only if you ordered LED lights to your pergola.**



7

CONTROL BOX



Control box

1x



Matter antenna clip

1x



PN-200002684

10x



PN-200002683

5x



QR-code

1x



3M tape

1x



PN-200002756

1x



PN-200002754

1x



PN-200002758

1x



PN-200002753

2x



PN-200002759

2x



PN-200002757

1x

ITEMS IN BOX



**** Only if you ordered LED lights to your pergola.**

**8****POWER CABLE**

Power cable

1x

**** Only if you ordered LED lights to your pergola.**

**9****LED BOX**

LED Light Strip

4x

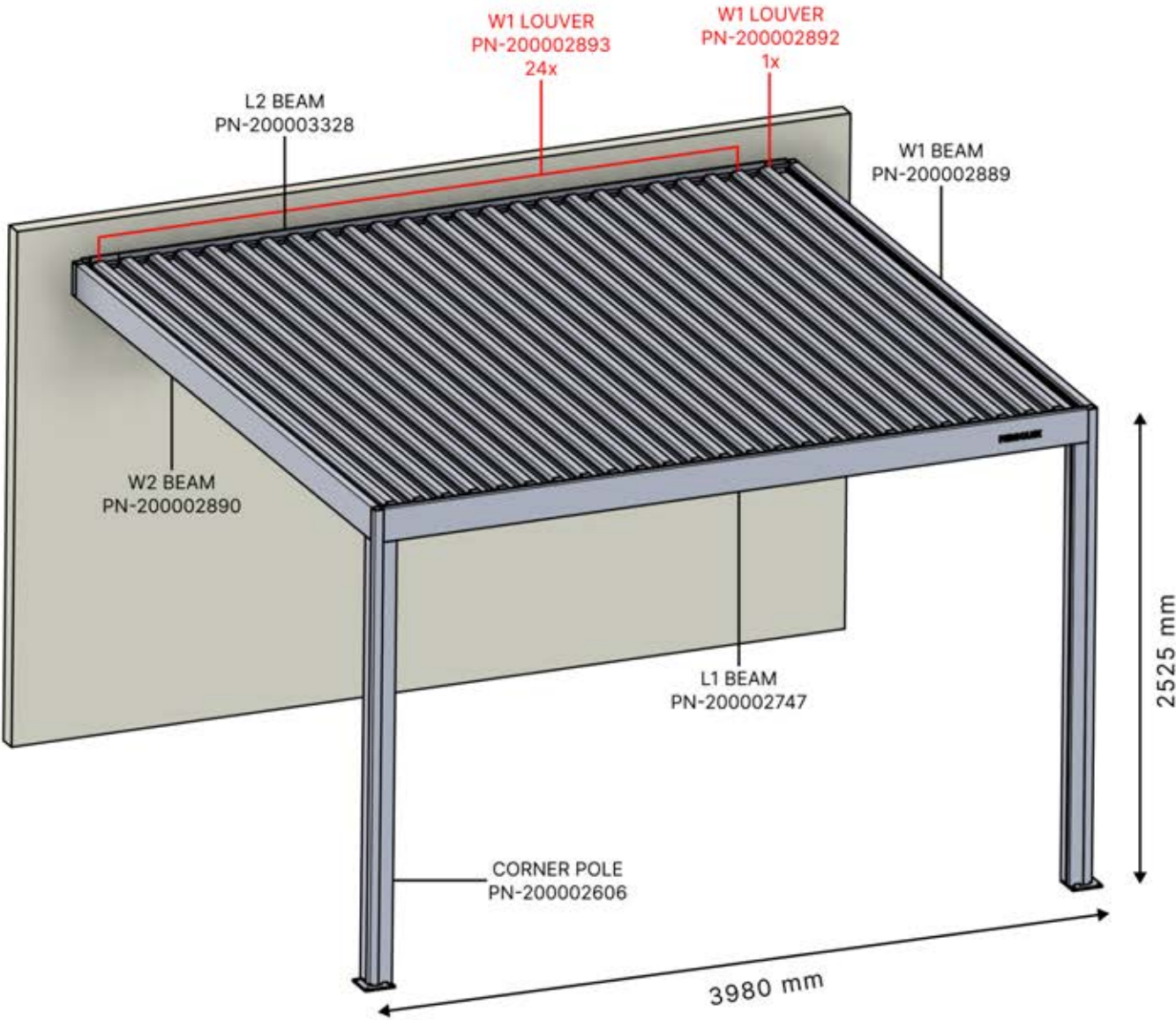
All electric parts should be tested before installation.

LEDs + Motor (and heater) should be connected to the Control box and programmed to ensure functionality.

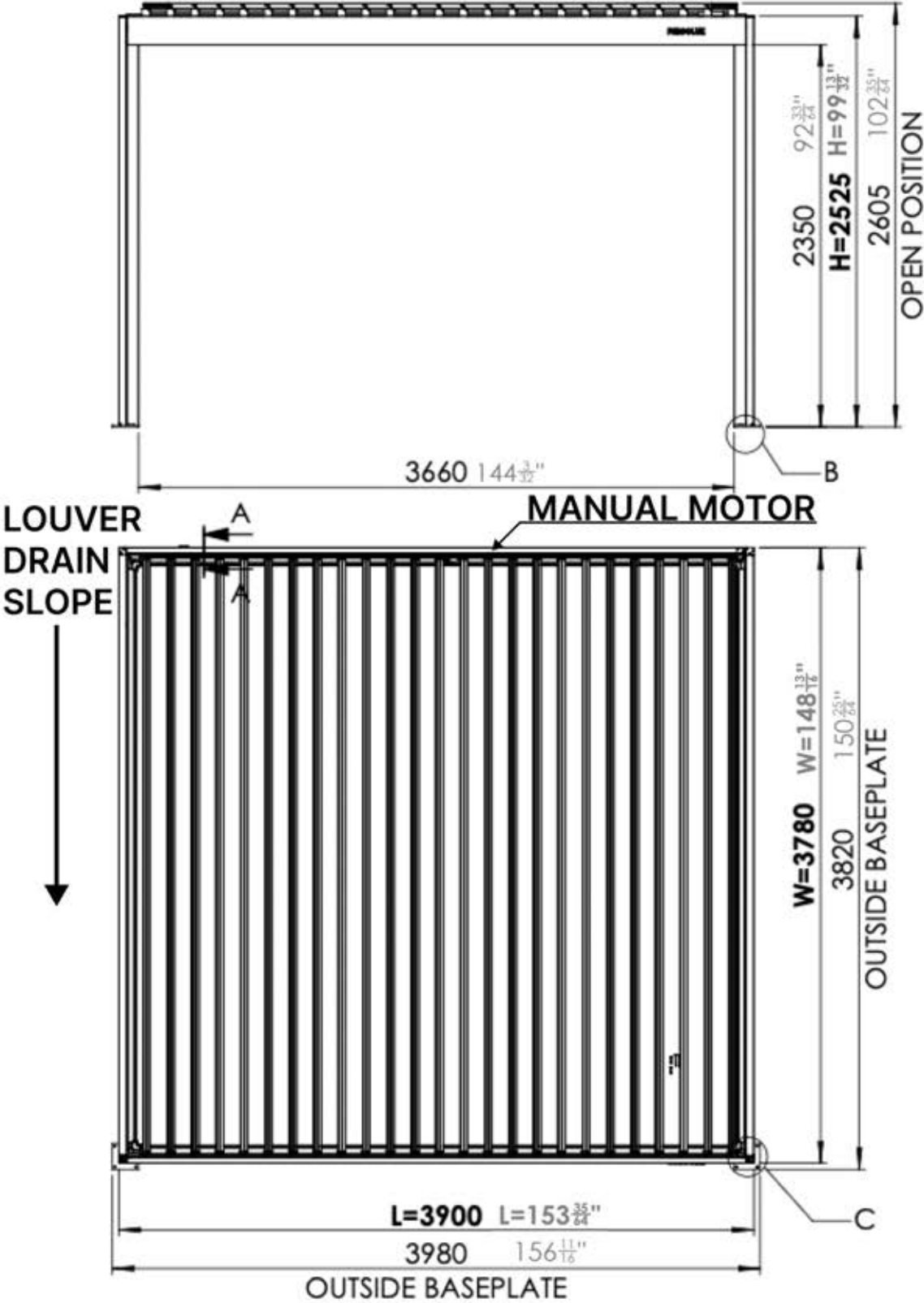
Matter + Smart home can be connected at anytime by simply scanning the QR code provided

**CONTROL BOX**[View Manual](#)

4 × 4 M / 13'x13'



4 × 4 M / 13'x13'



INFORMATION

Are you installing a screen, slat wall or glass wall?

It is recommended to remove these Snapfit covers and clips now before installing the pergola.

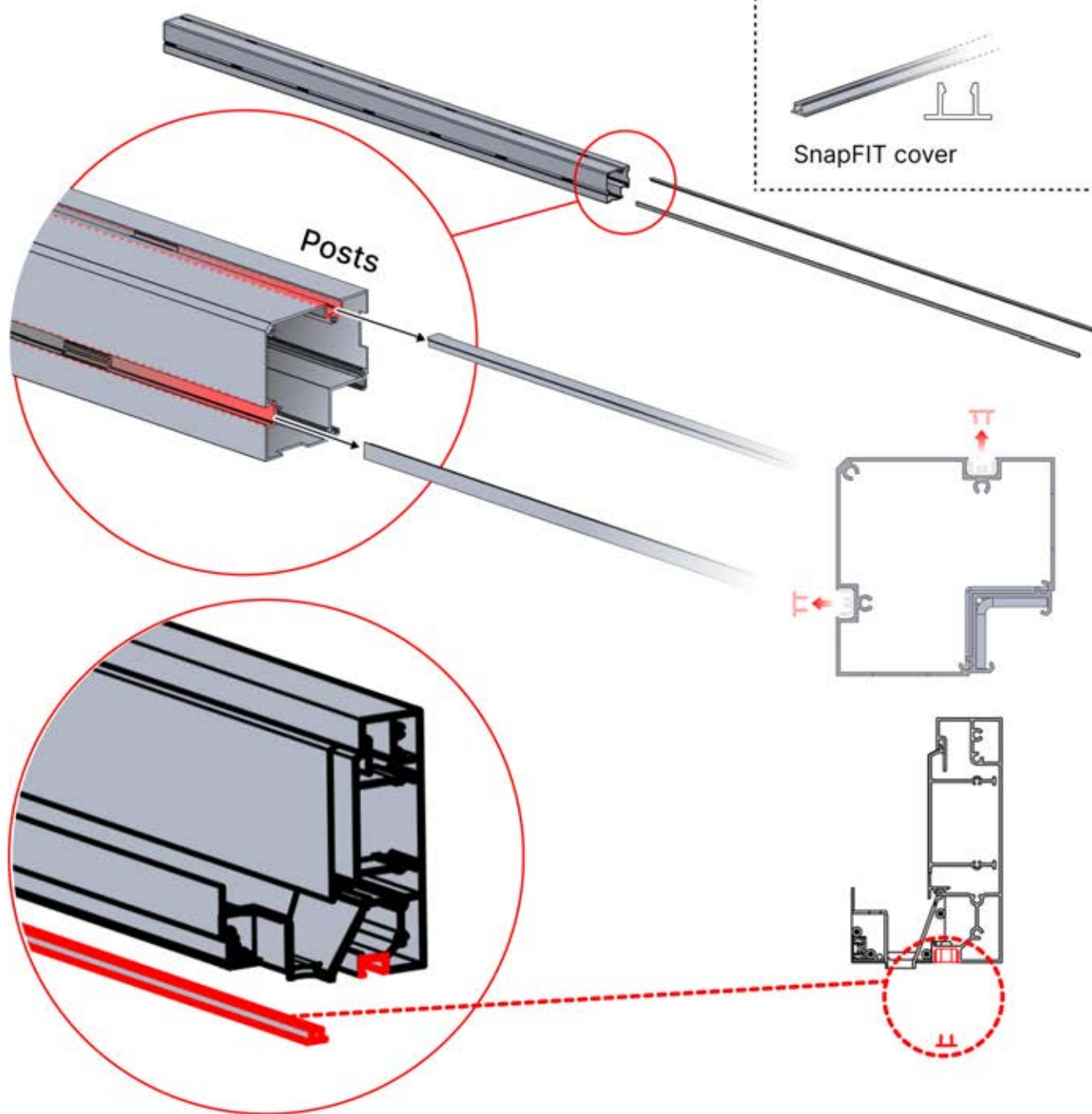
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



INFORMATION

Are you installing a heater, fan or LED lights?

It is recommended to remove both snap-fit covers from the beam now.

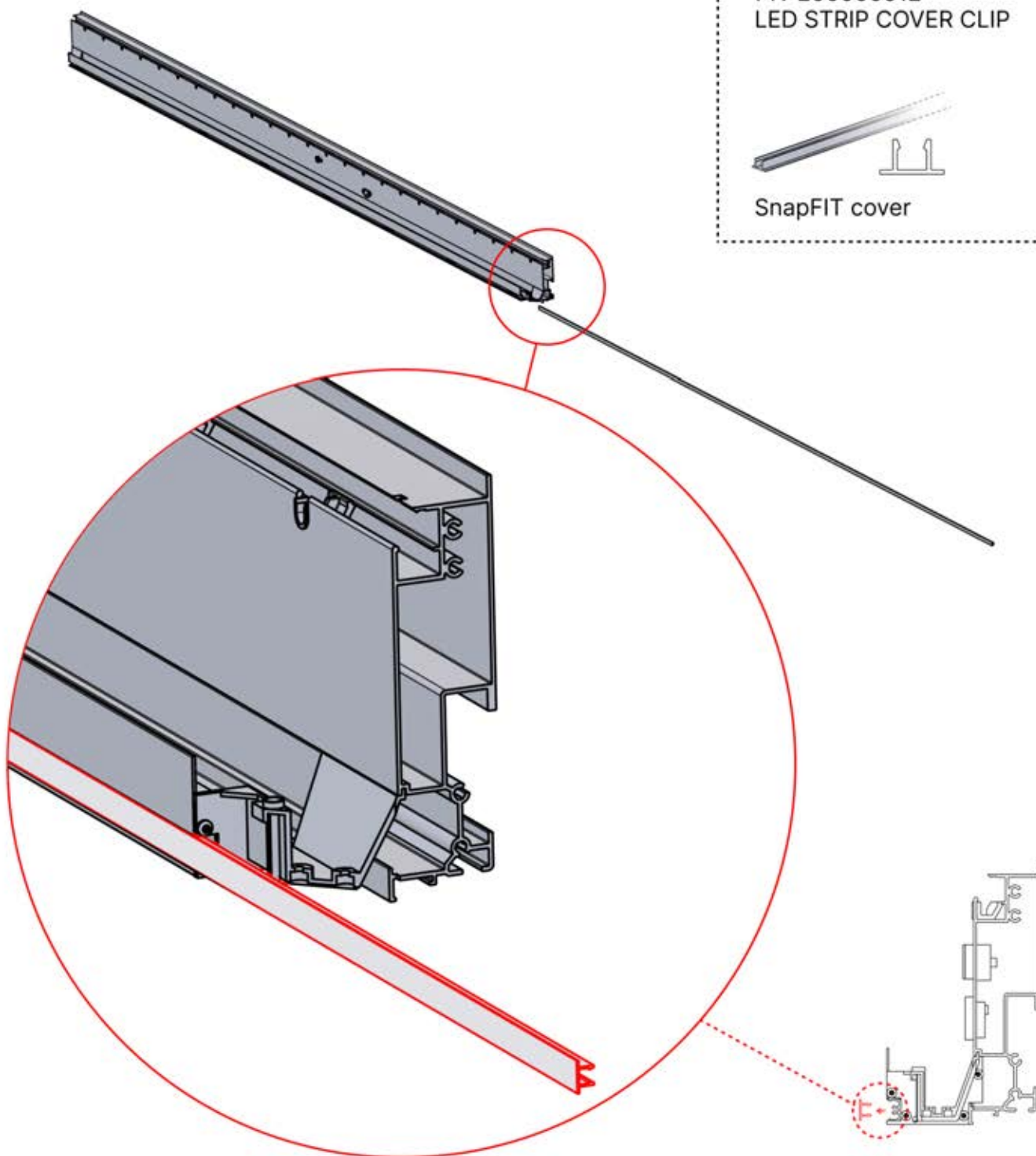
Cover and clips



PN-200000512
LED STRIP COVER CLIP



SnapFIT cover



INFORMATION



3

ANTHRACITE: B215
WHITE: B219
BLACK: B217



4

ANTHRACITE: B197
WHITE: B205
BLACK: B201



1x



1x



1x



1x



1x



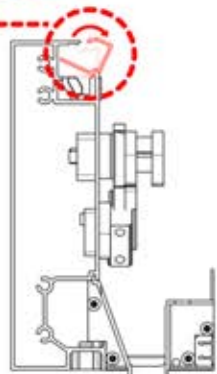
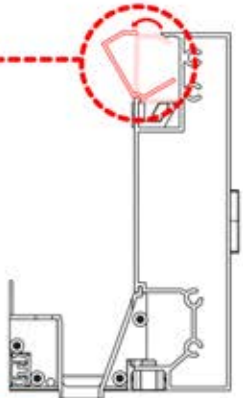
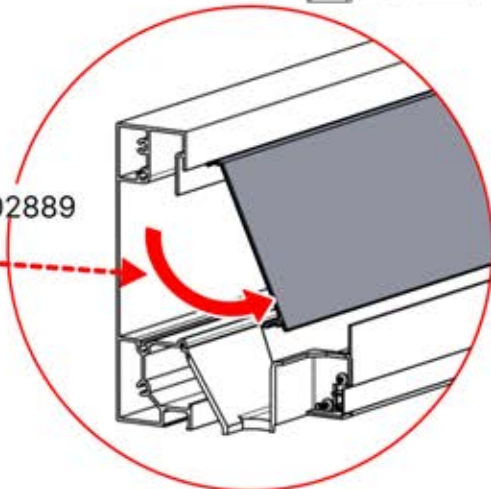
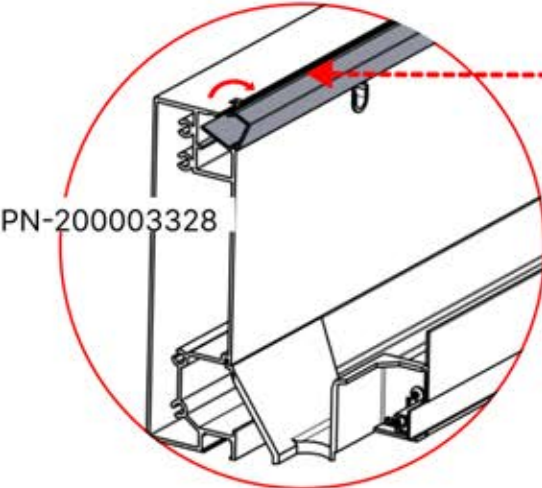
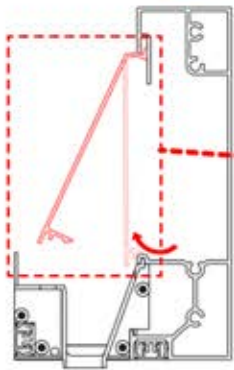
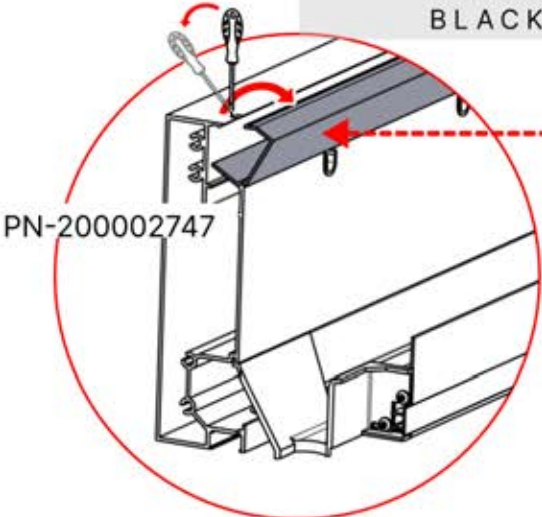
1x



1x



1x



01



5

ANTHRACITE: C120
WHITE: C122
BLACK: C121



4

ANTHRACITE: B197
WHITE: B205
BLACK: B201



PN-200002606

2x



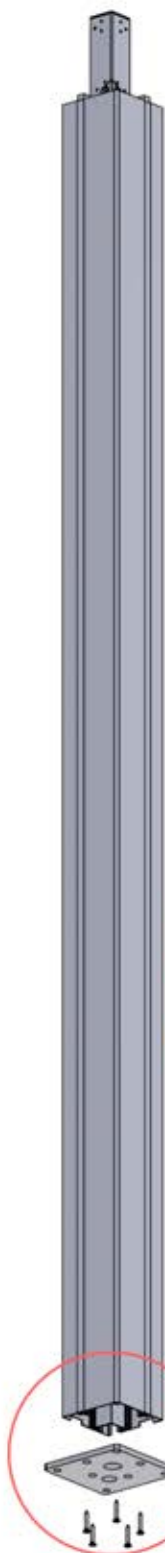
PN-200002614

2x



PN-200000560

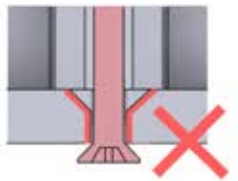
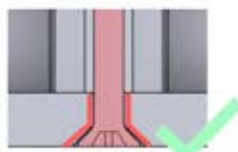
10x



PN-200002606

PN-200002614

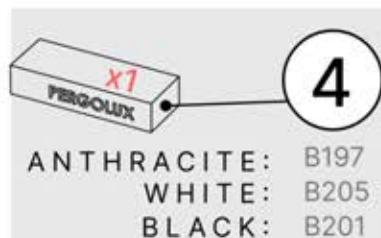
PN-200000560



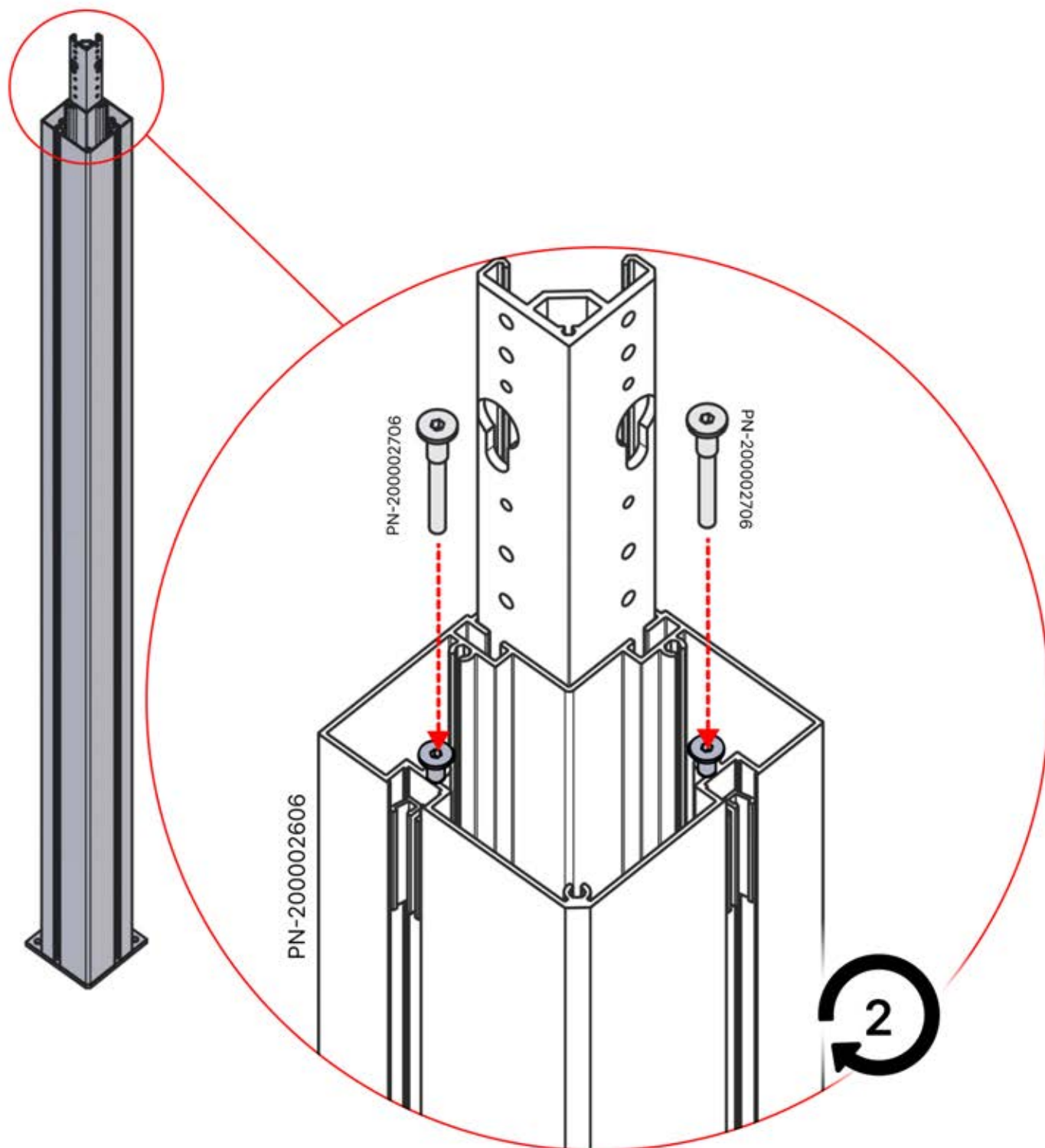
PN-200000560



02



PN-200002706
4x



03



4

ANTHRACITE: B197
WHITE: B205
BLACK: B201



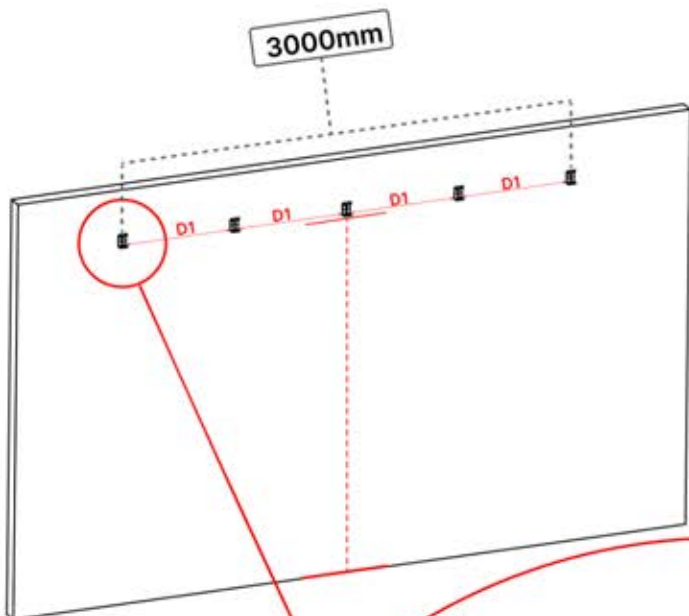
PN-200000510
5x



x10



Install the first and last wall mount brackets (PN-200000510) 3000 mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.



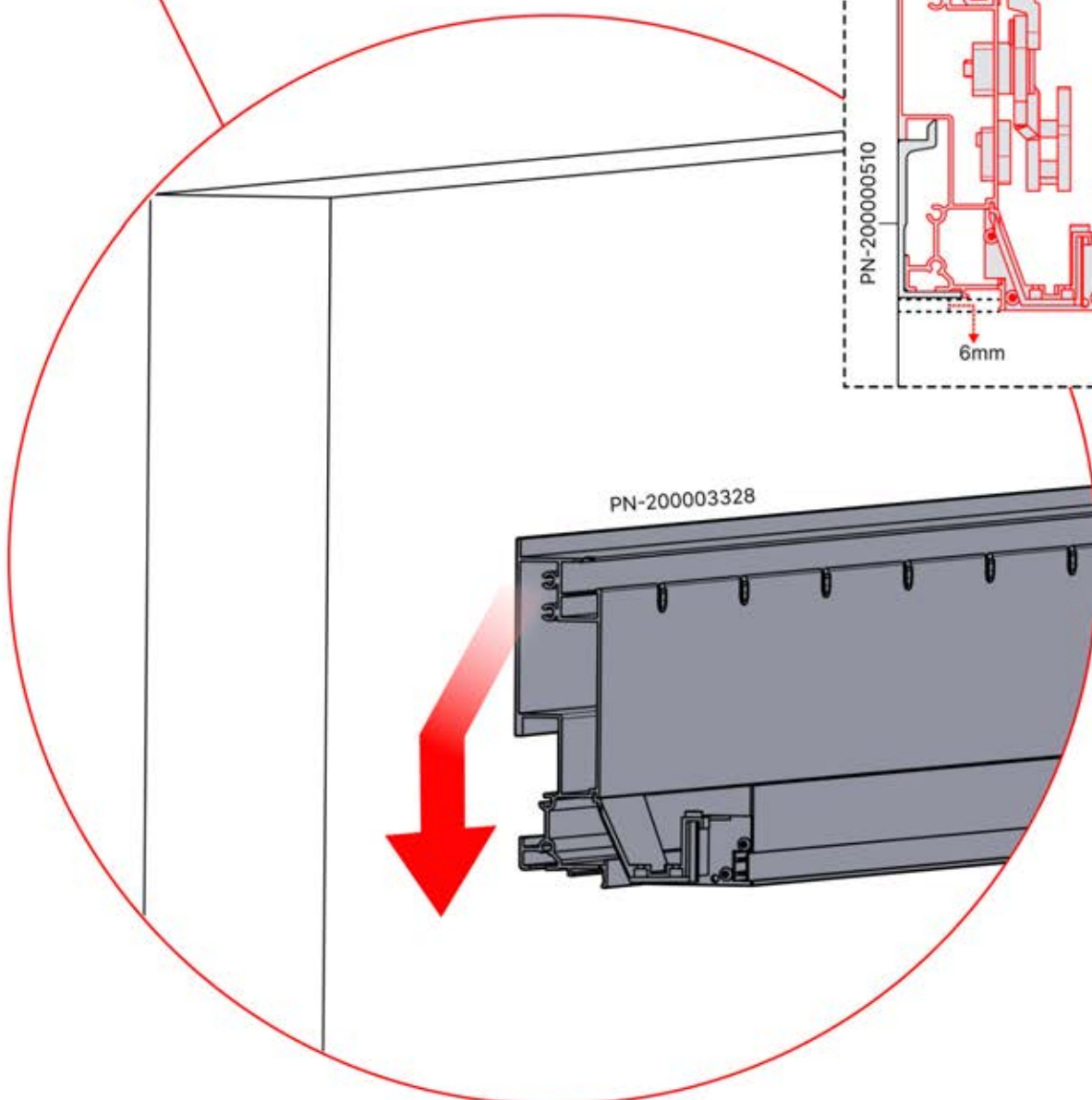
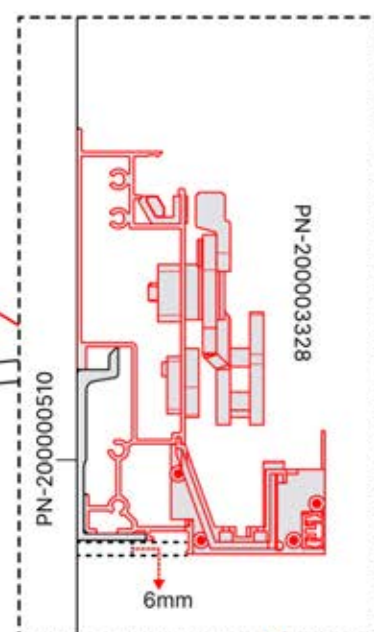
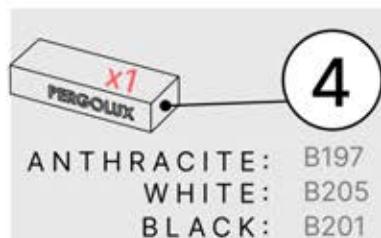
D1



2356 mm
92 3/4"



04

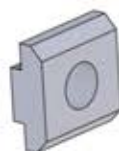


05

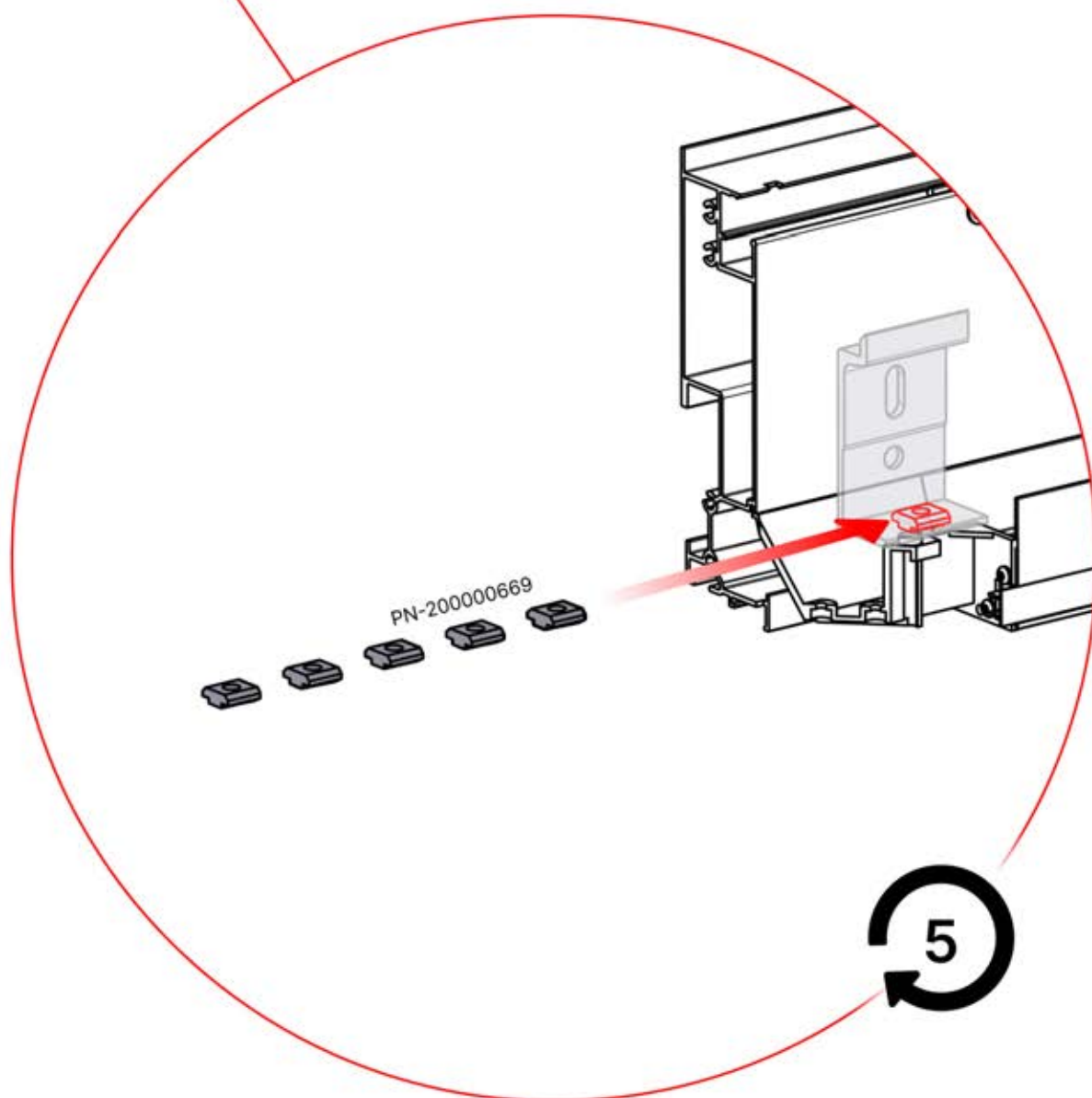
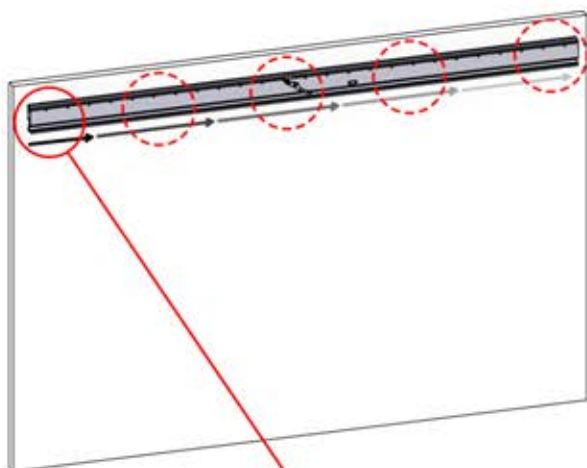


4

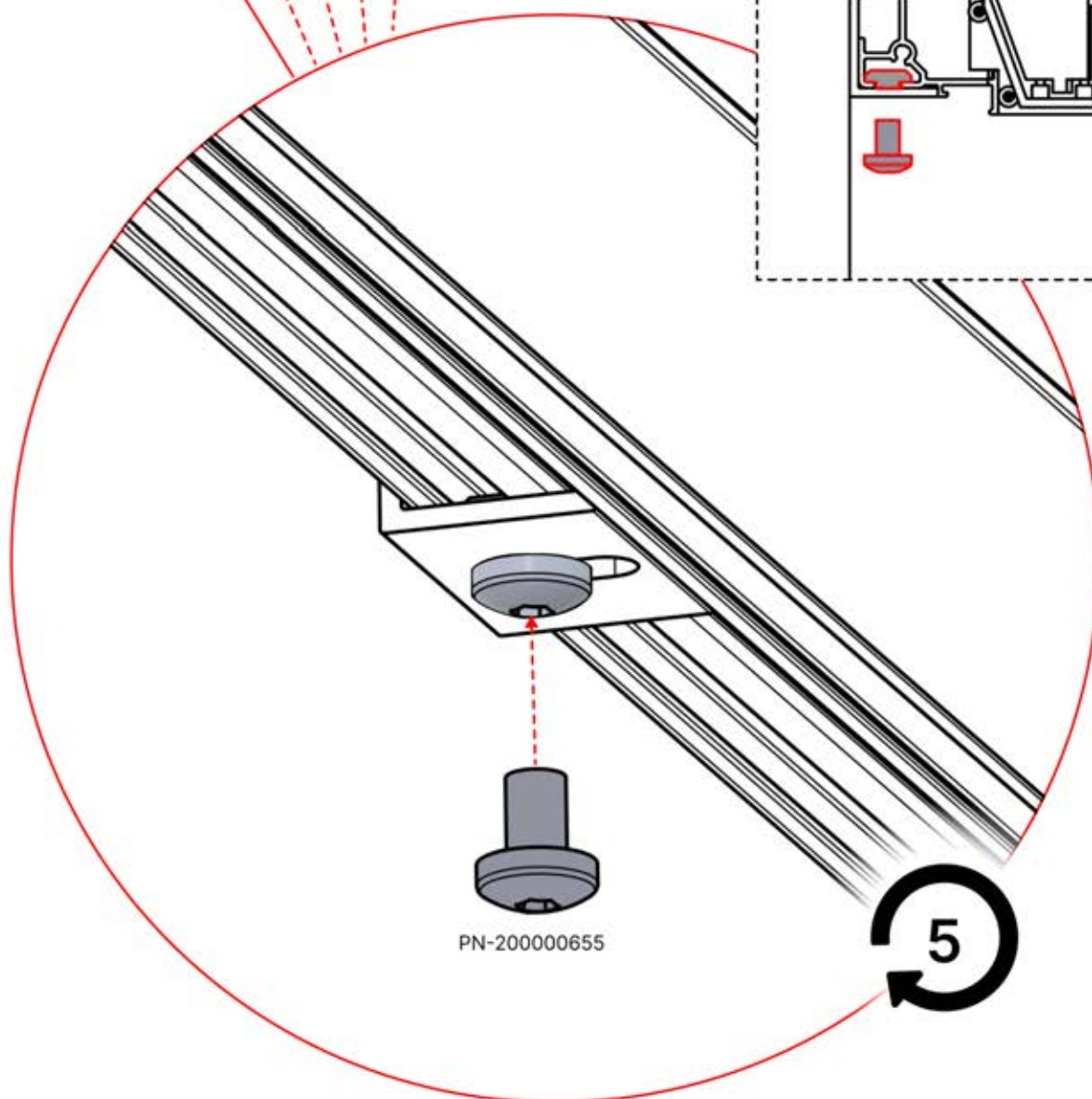
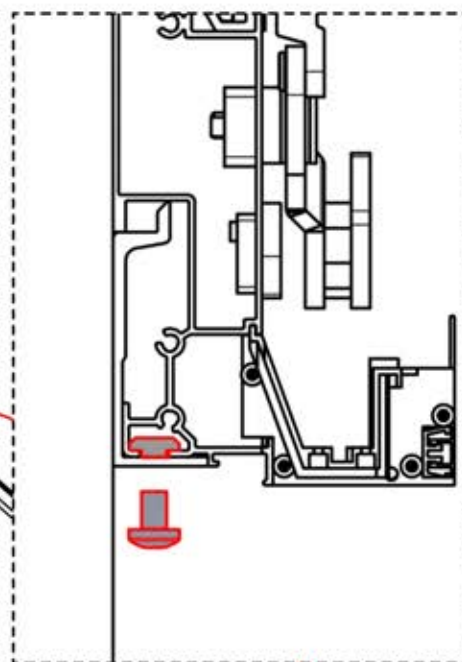
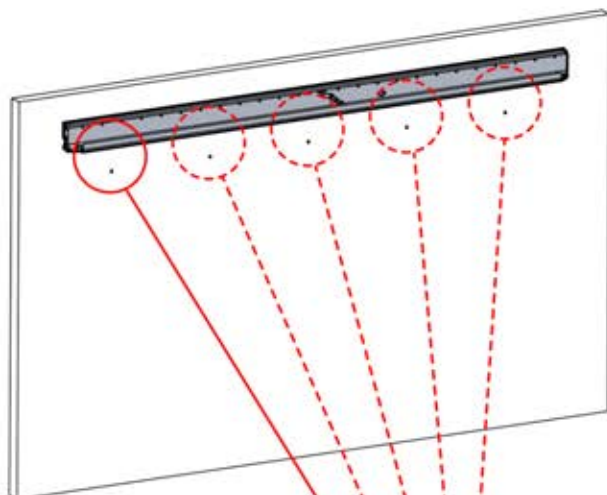
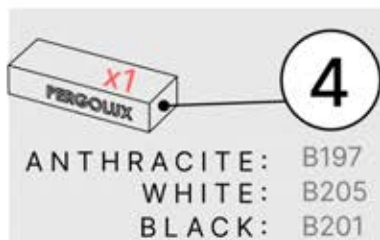
ANTHRACITE: B197
WHITE: B205
BLACK: B201



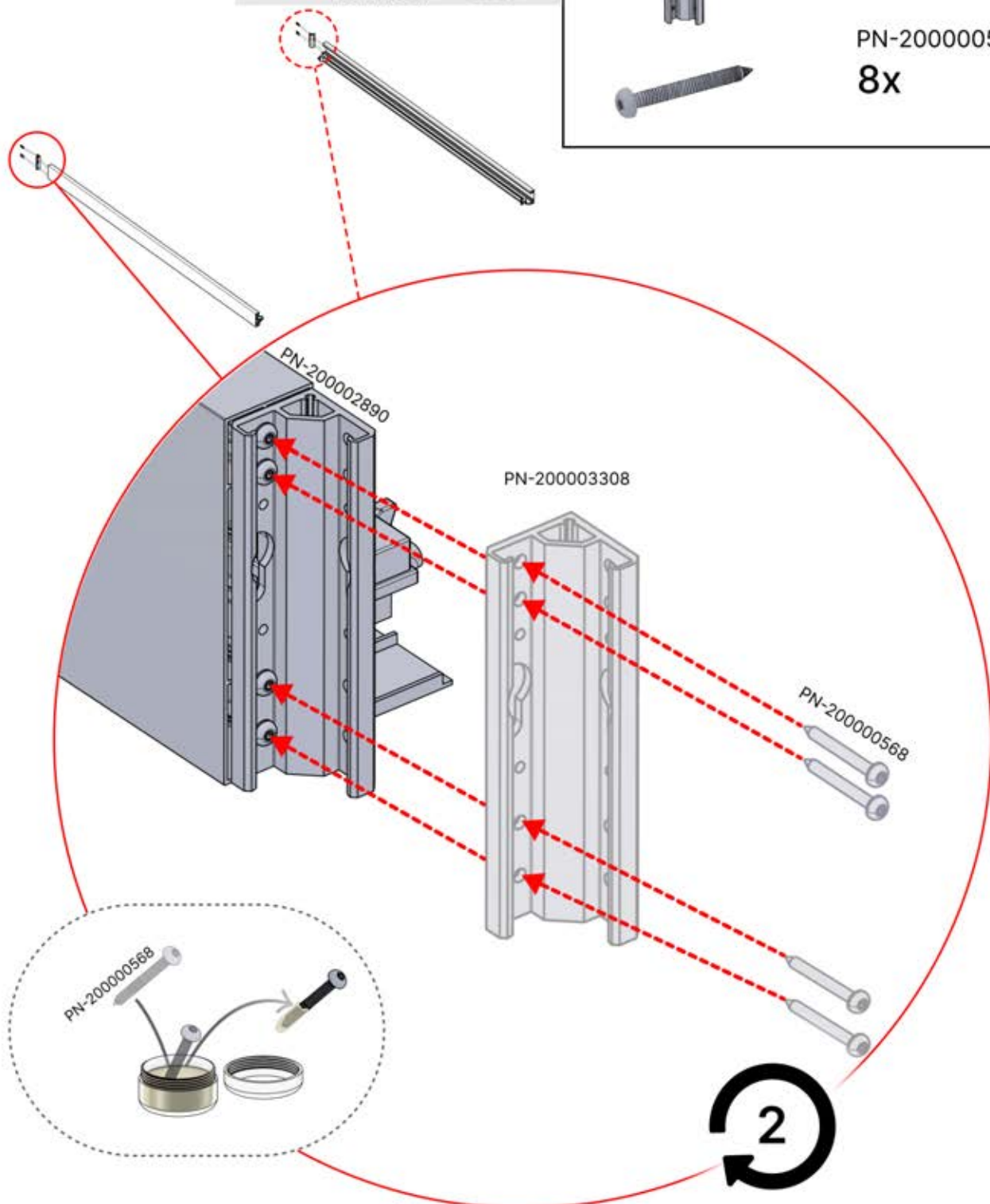
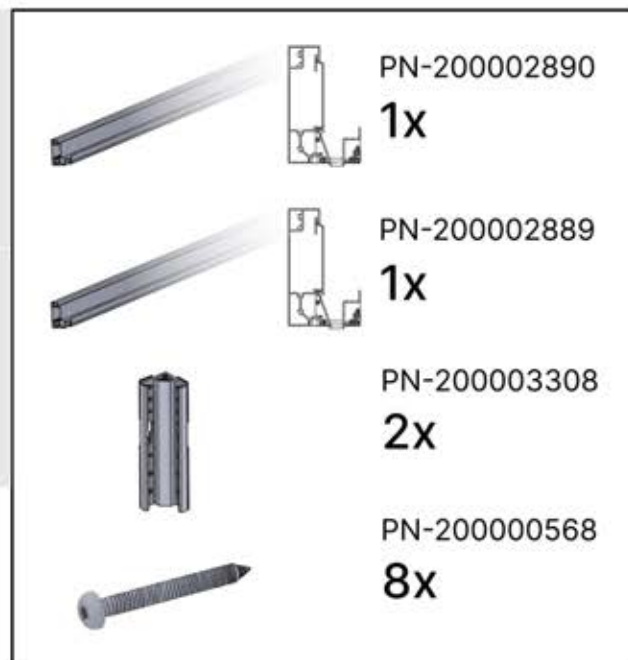
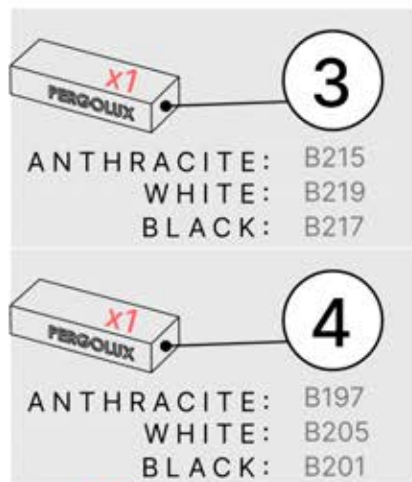
PN-200000669

 $5x$ 

06



07



INFORMATION



3

ANTHRACITE: B215
WHITE: B219
BLACK: B217



5

ANTHRACITE: C120
WHITE: C122
BLACK: C121



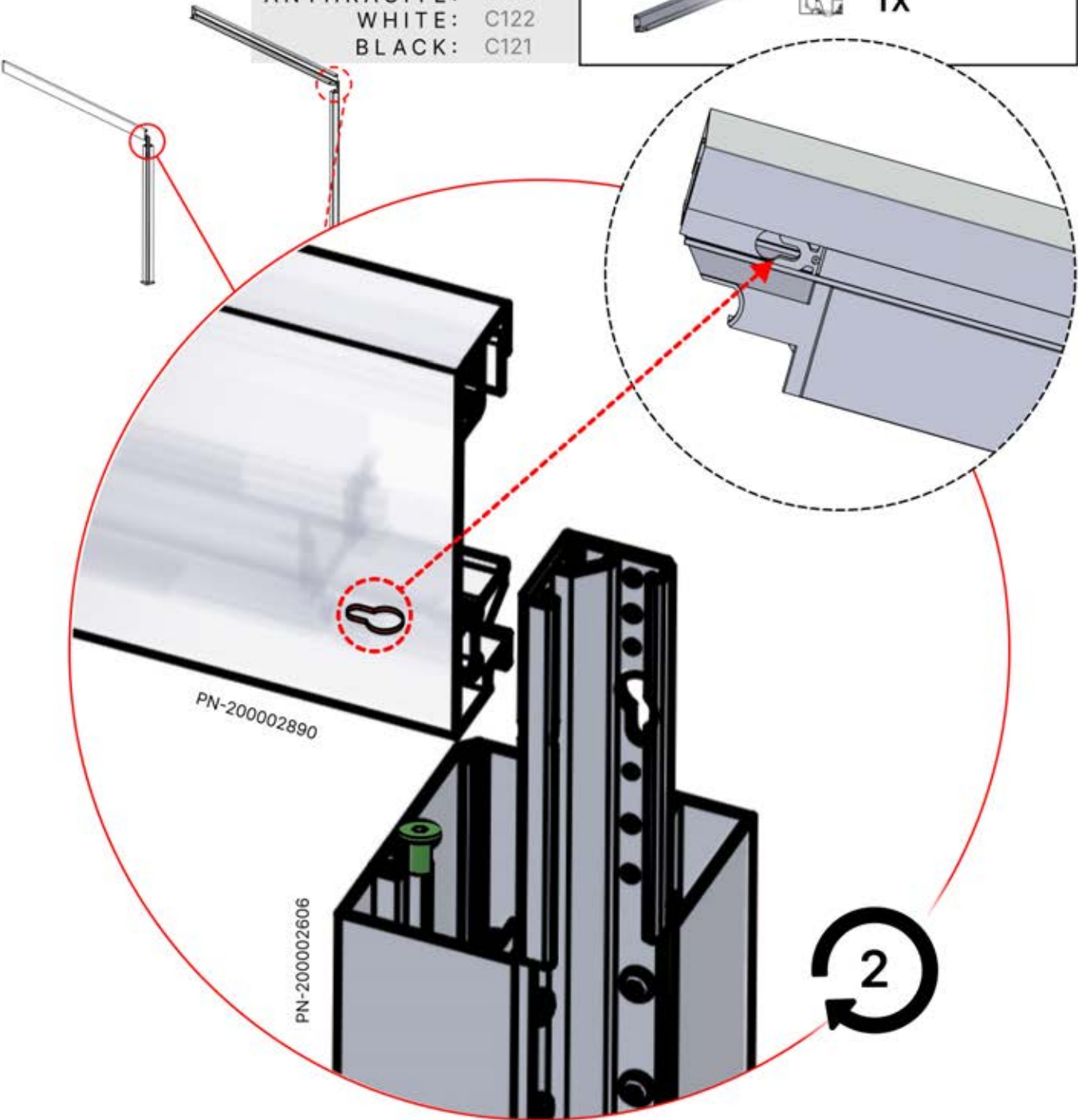
PN-200002606
2x



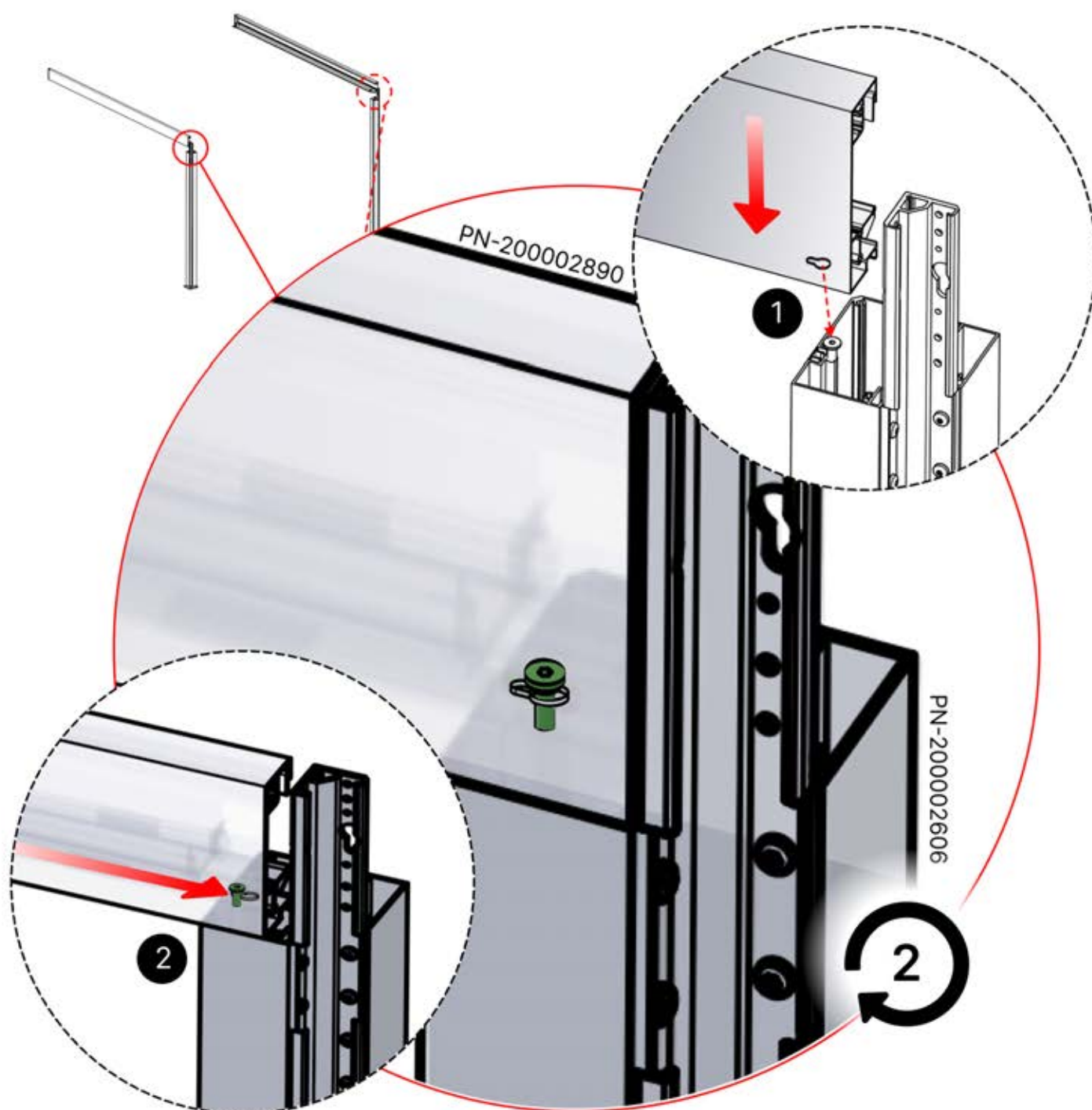
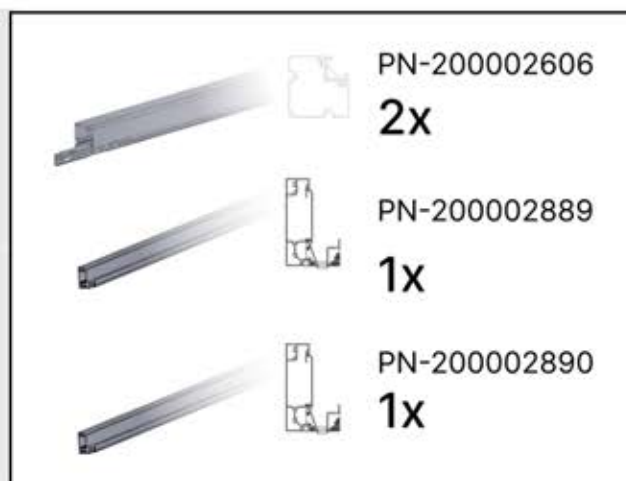
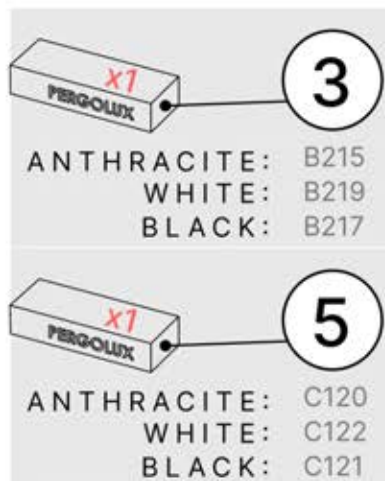
PN-200002889
1x



PN-200002890
1x



08



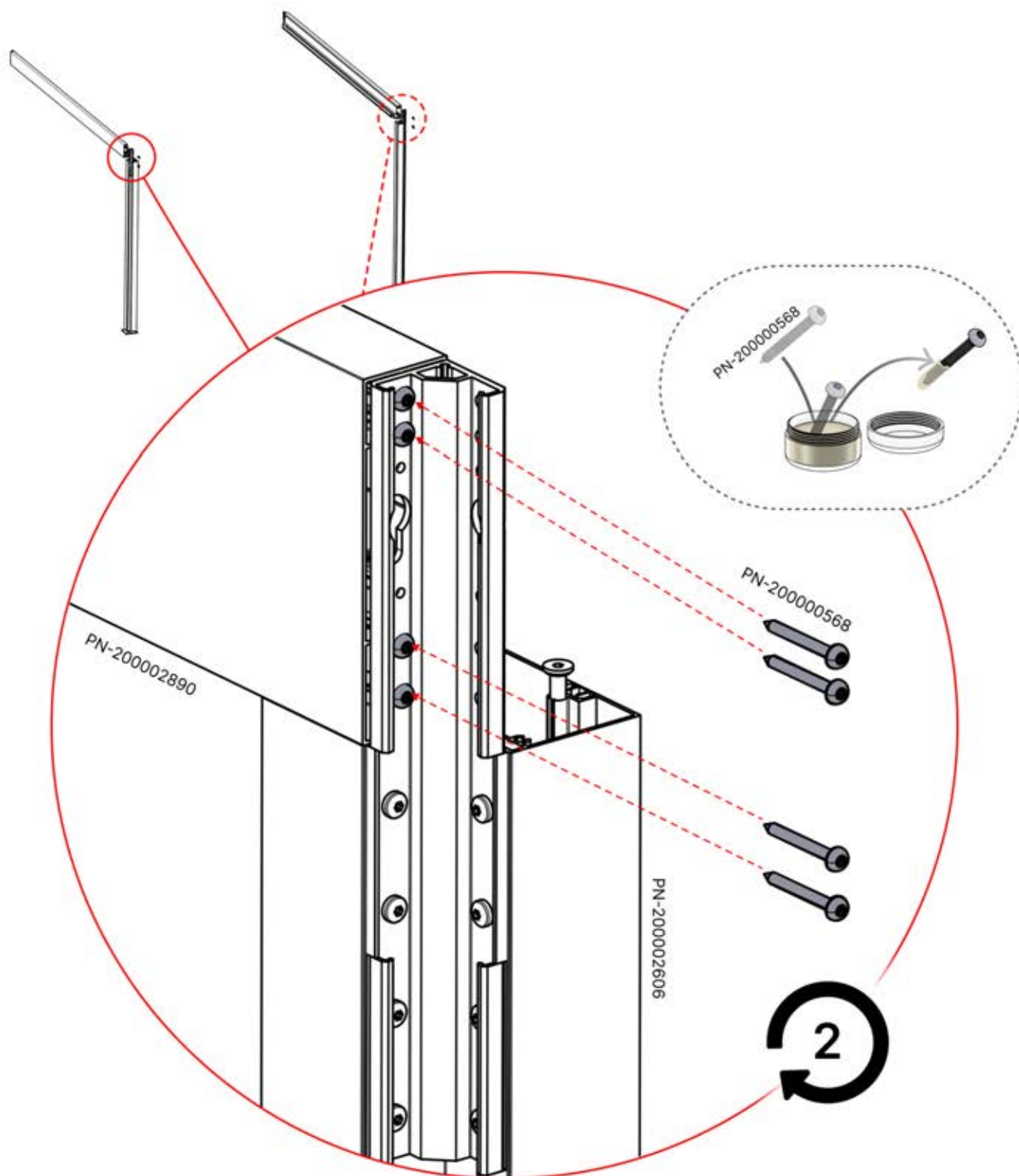
09

x1
PERGOLUX

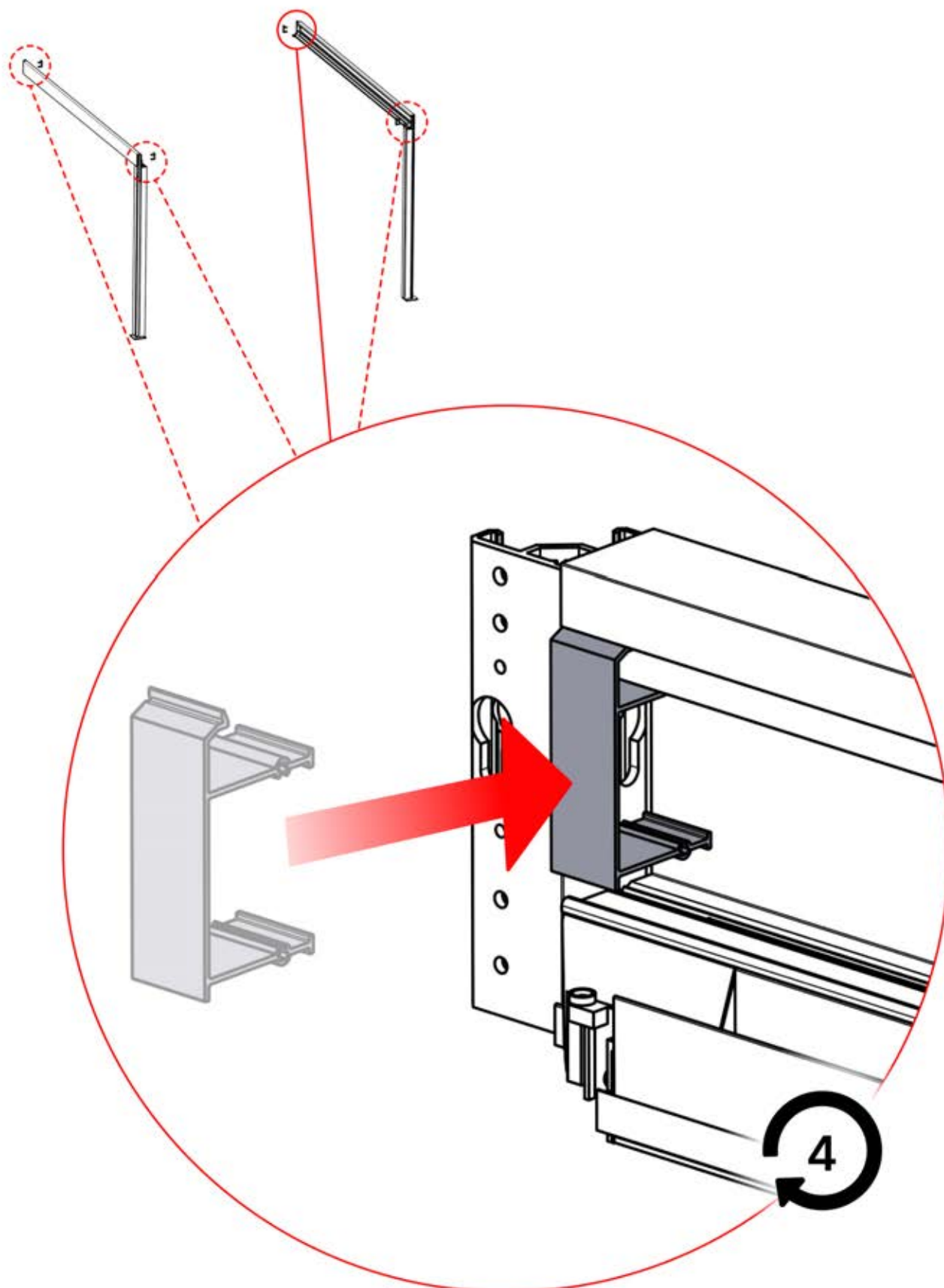
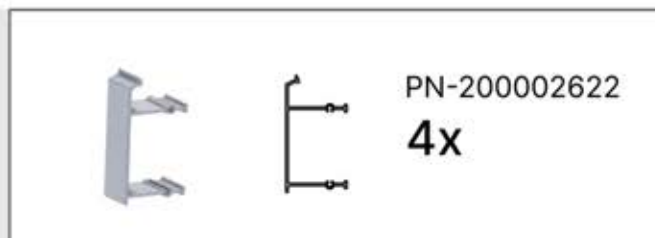
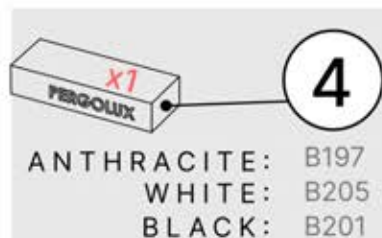
4

ANTHRACITE: B197
WHITE: B205
BLACK: B201

PN-200000568
8x



10



11



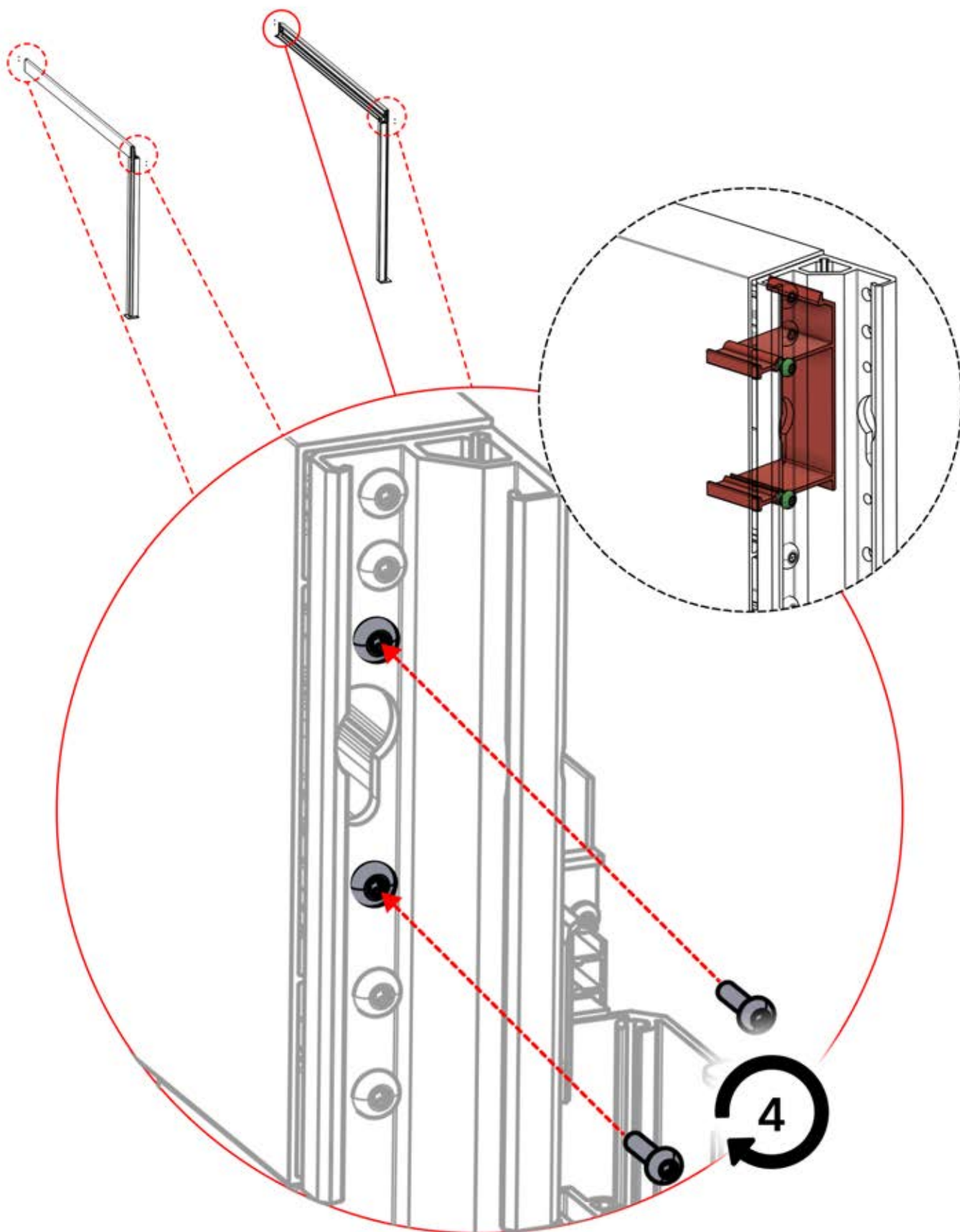
4

ANTHRACITE: B197
WHITE: B205
BLACK: B201

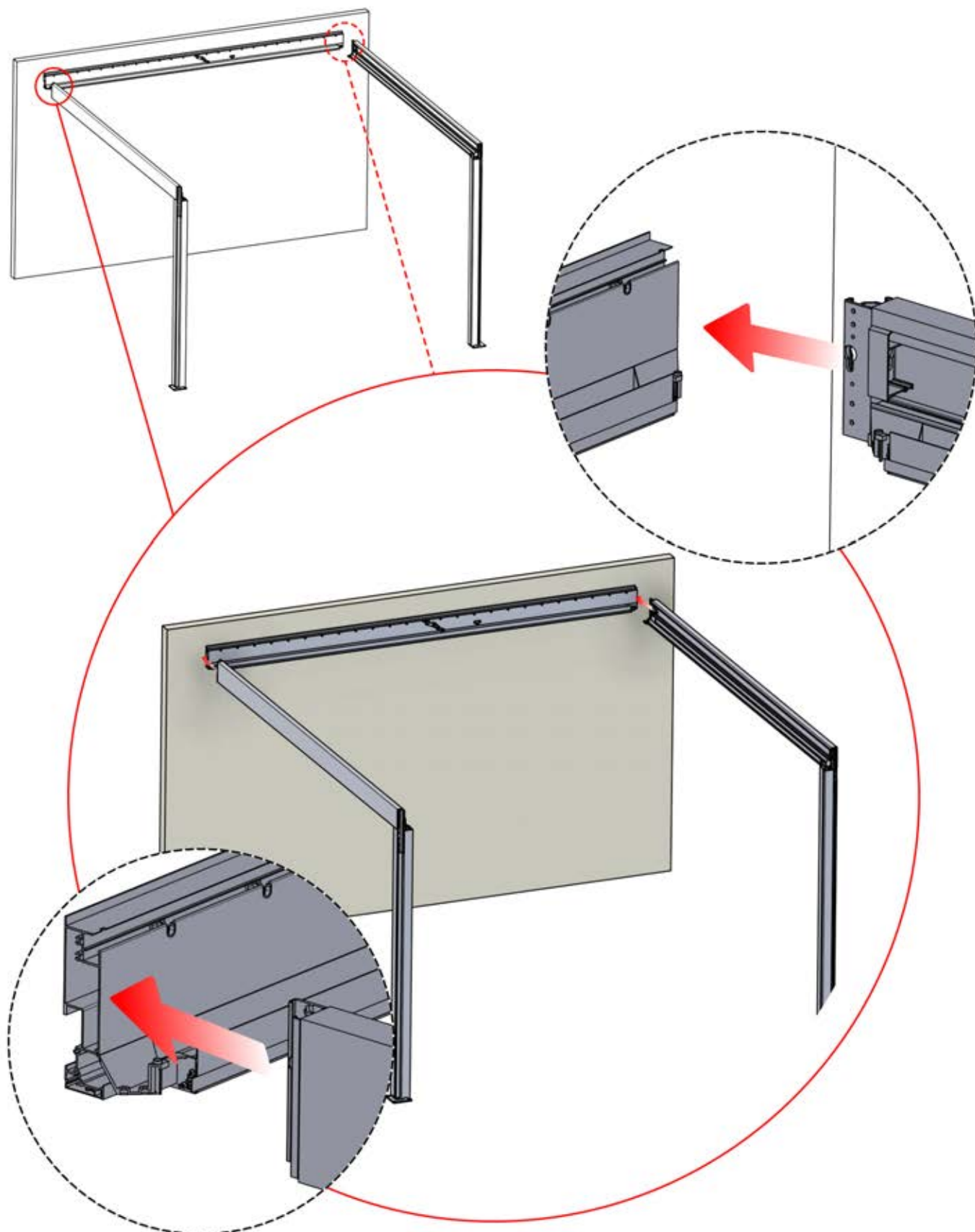


PN-200000680

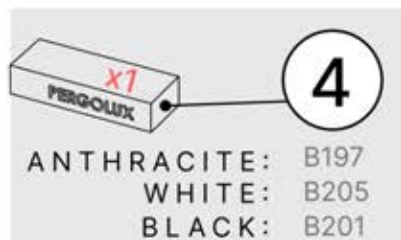
8x



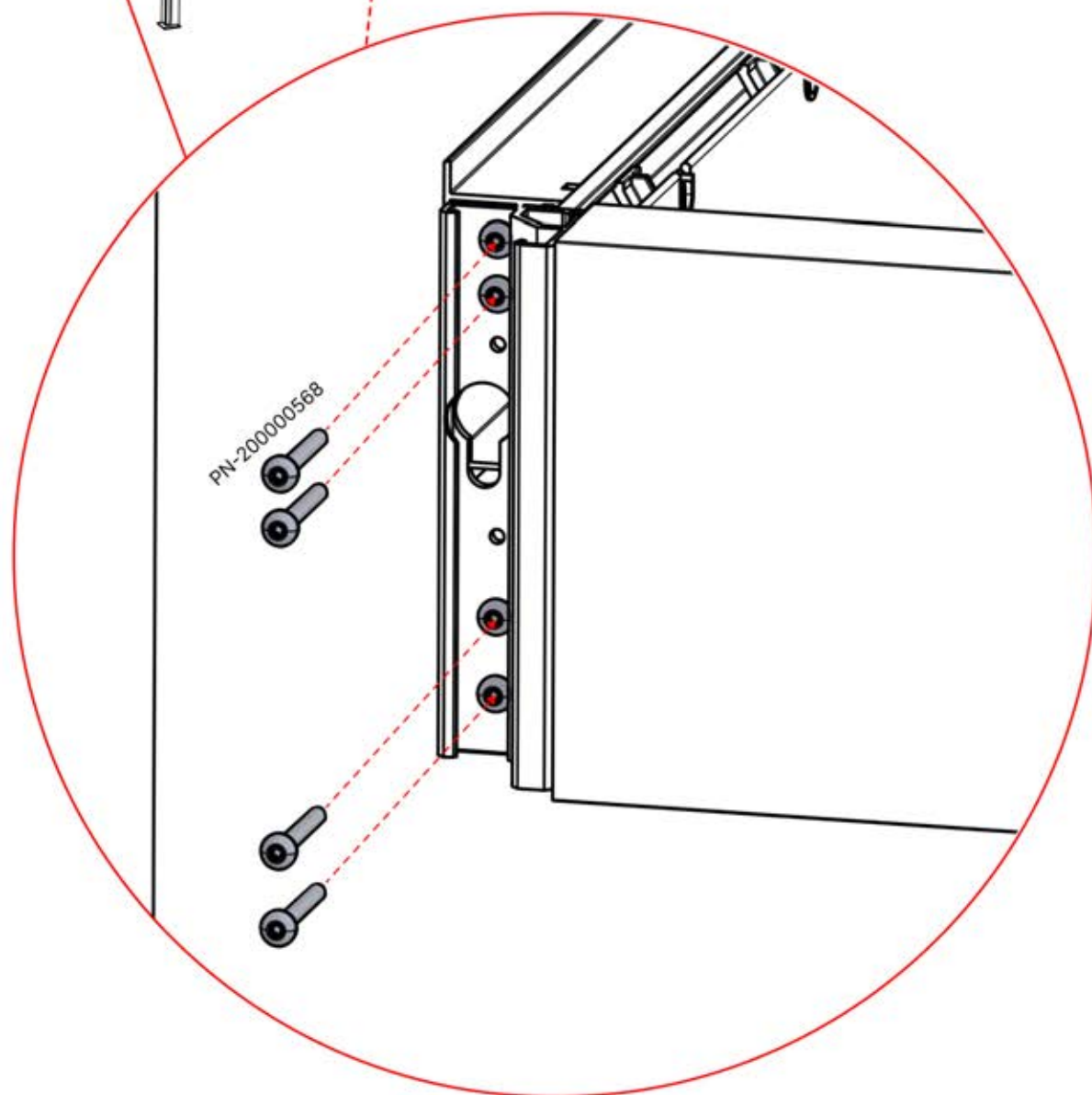
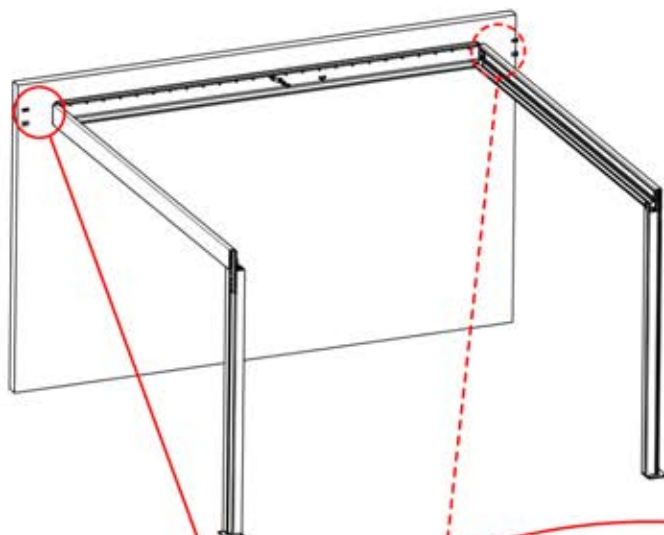
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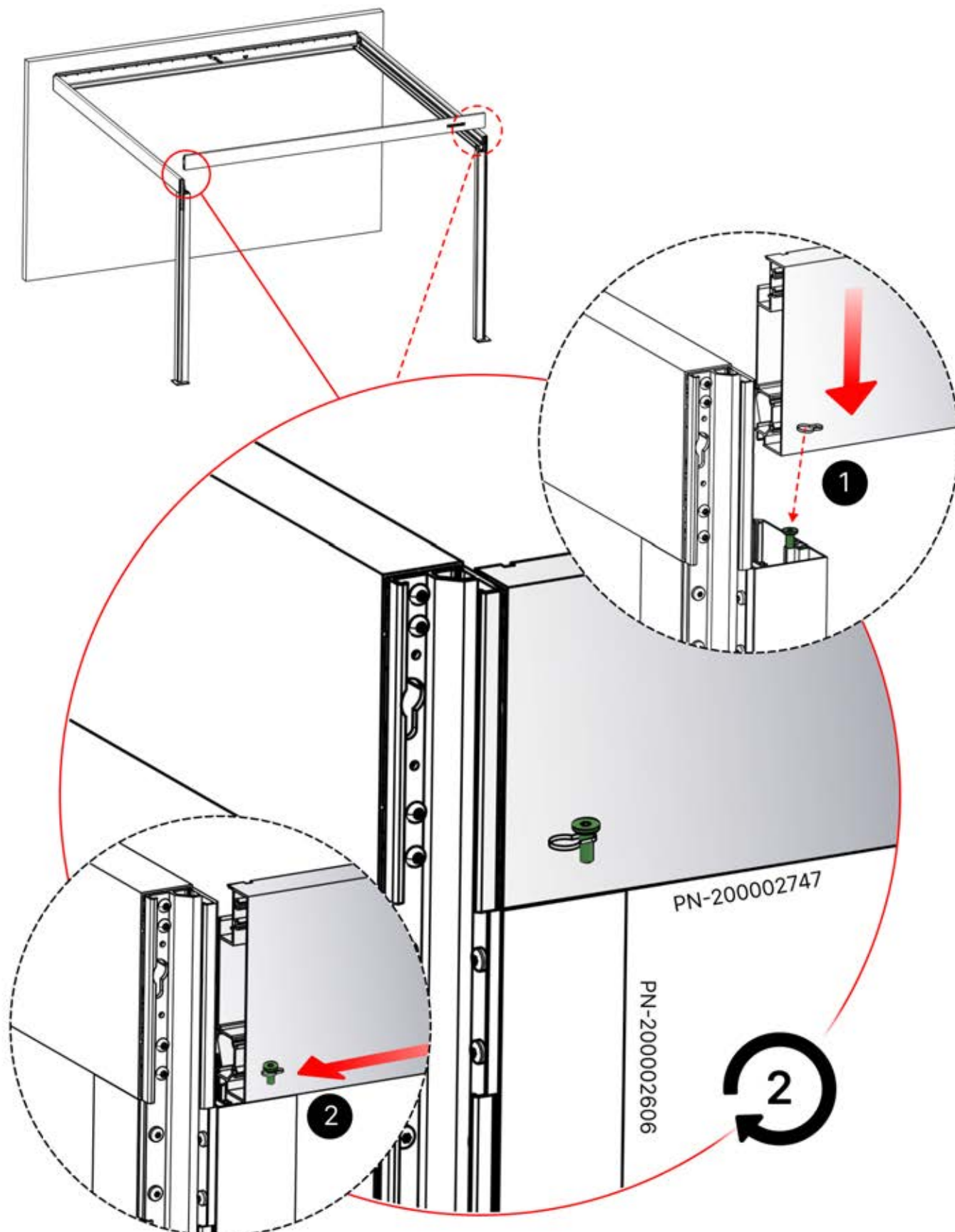
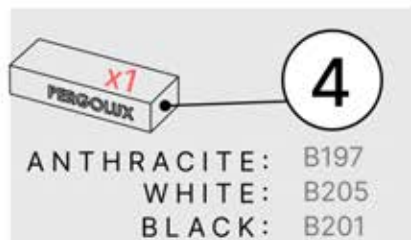
13



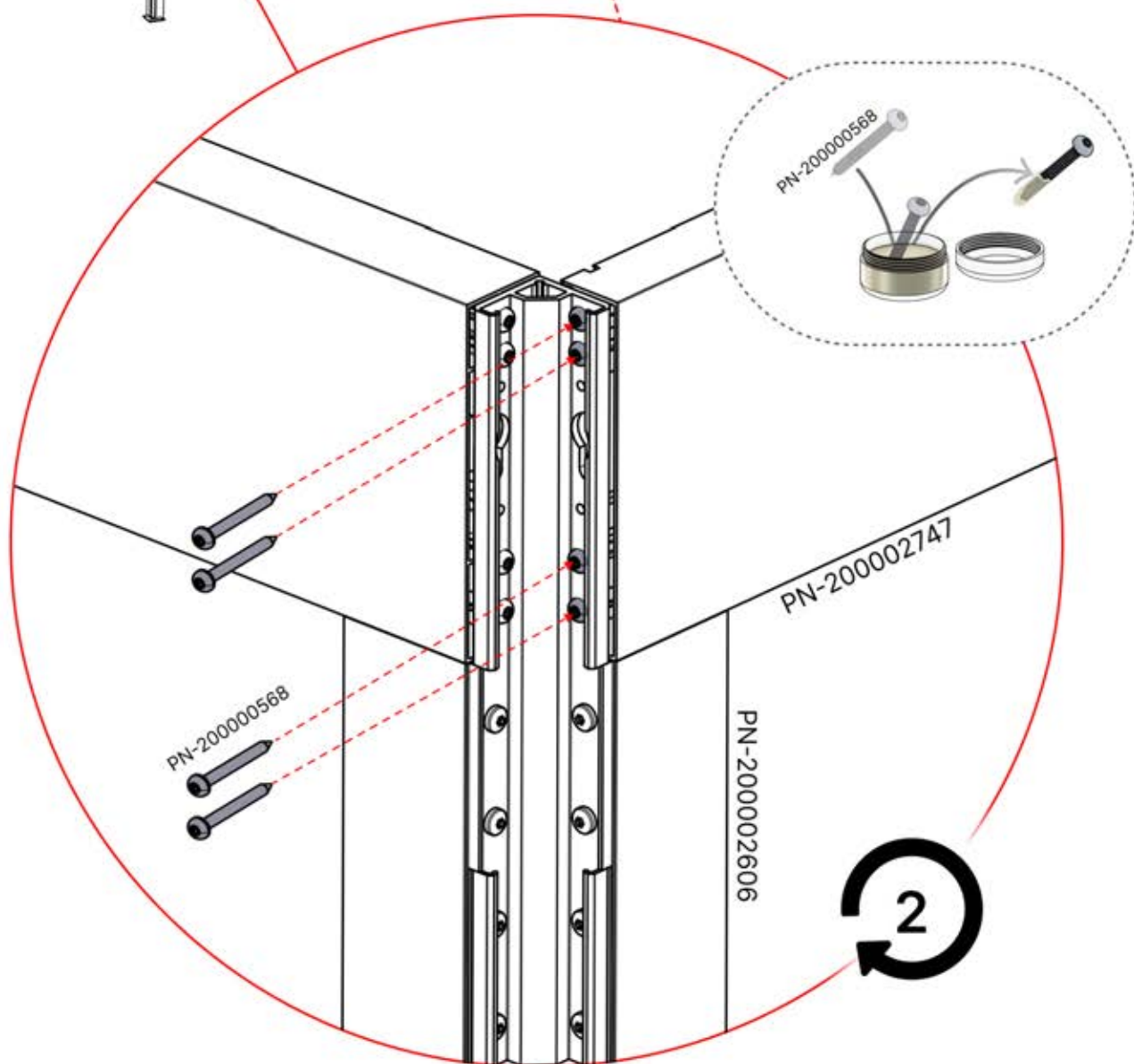
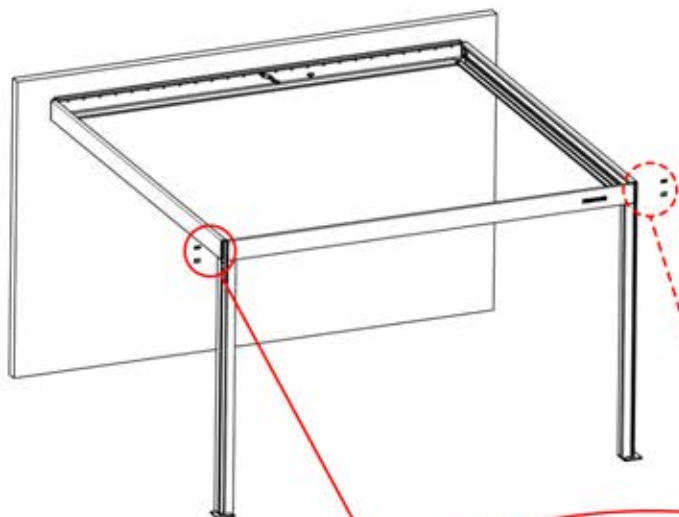
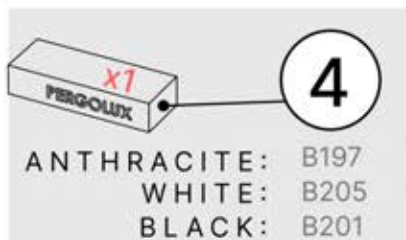
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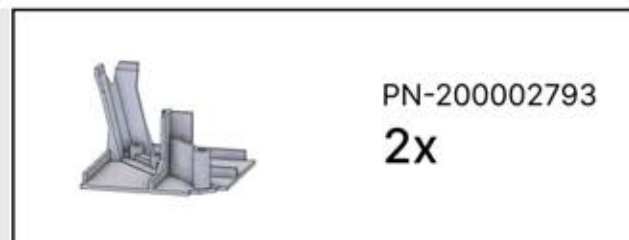
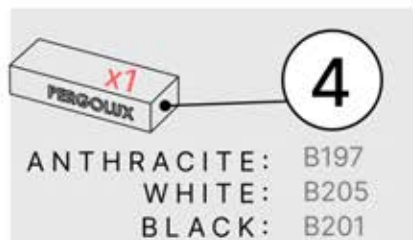
14



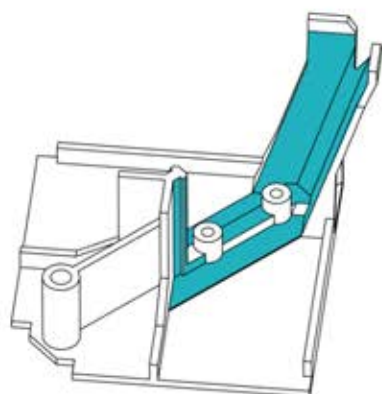
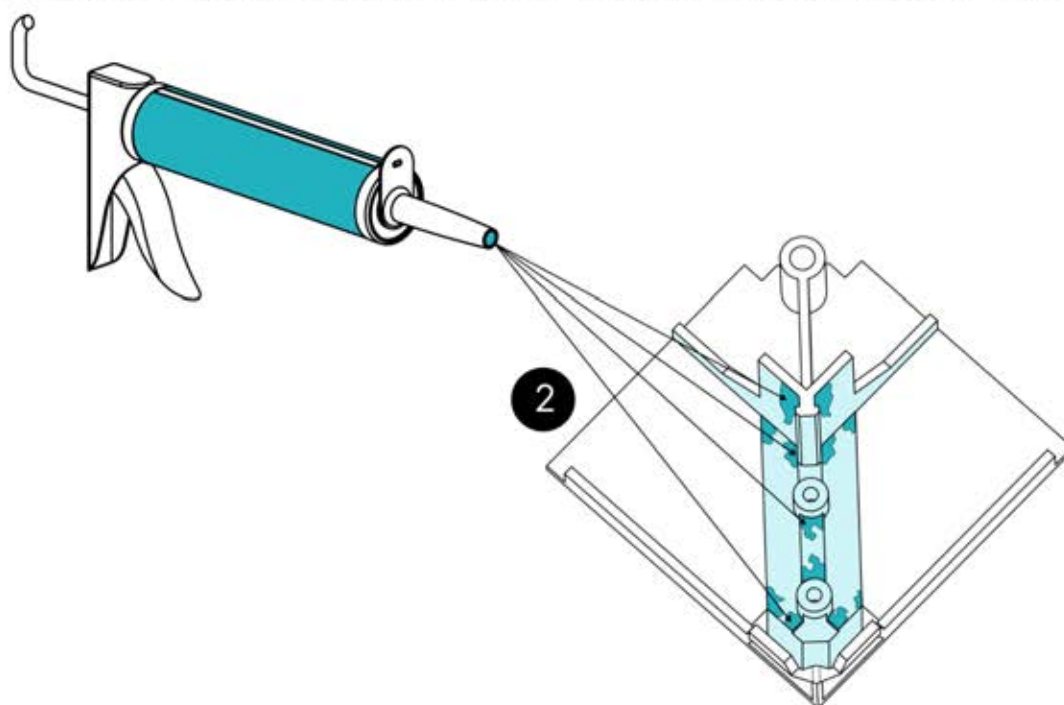
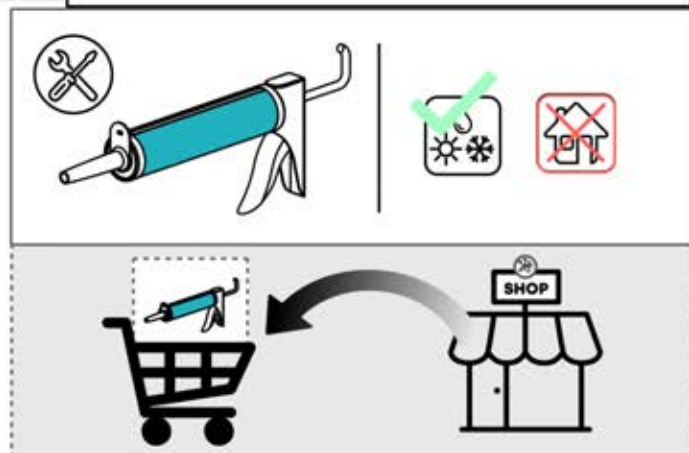
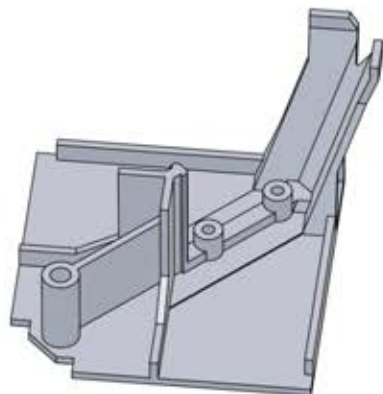
15



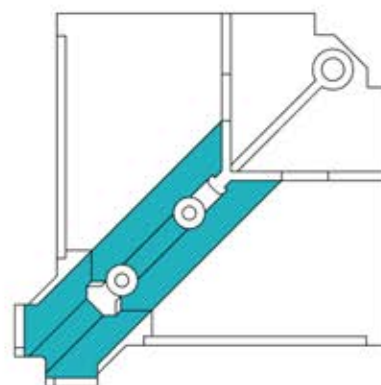
16



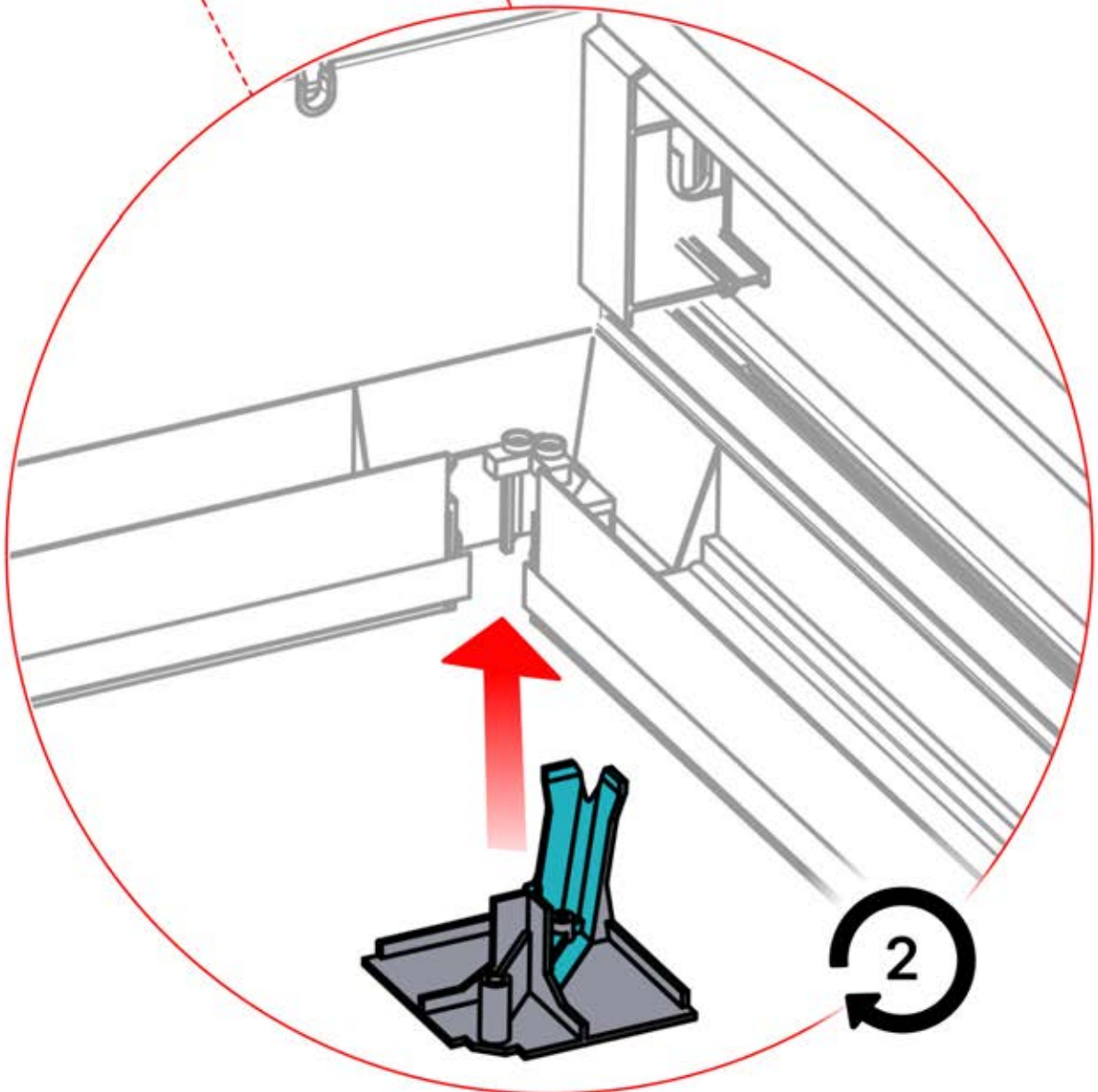
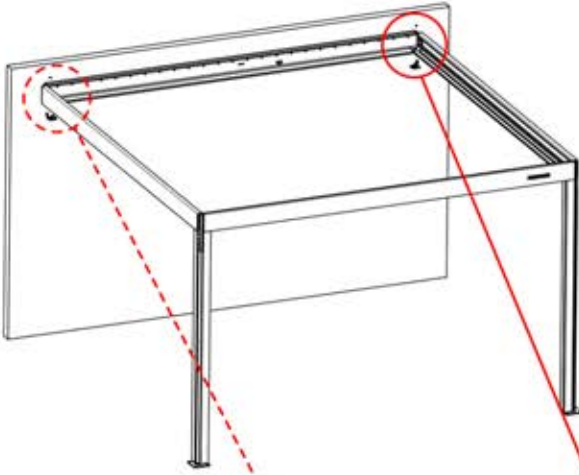
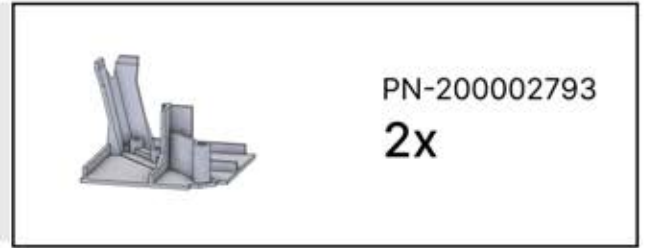
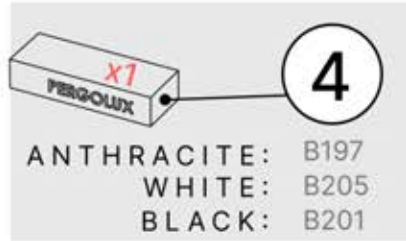
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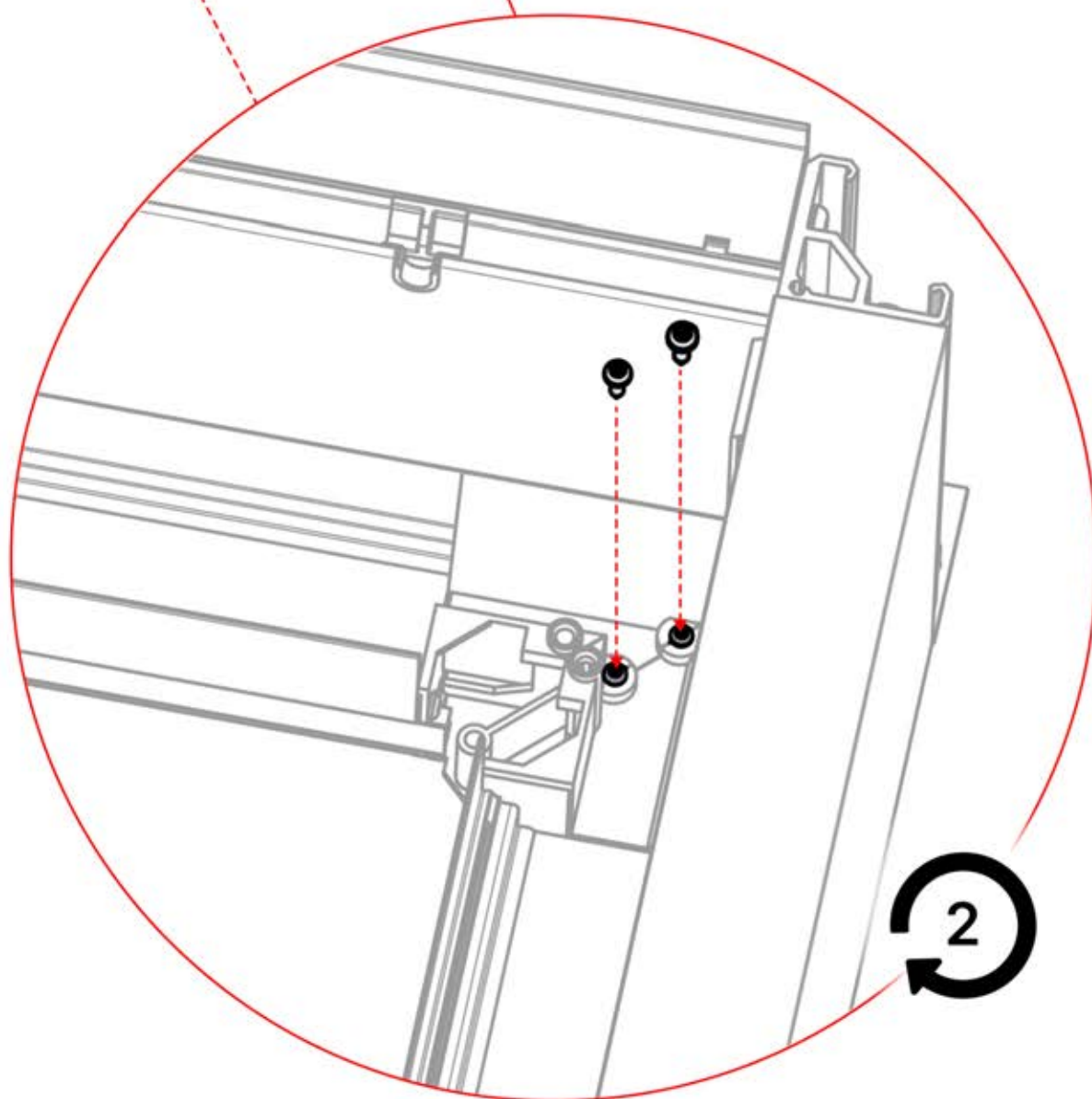
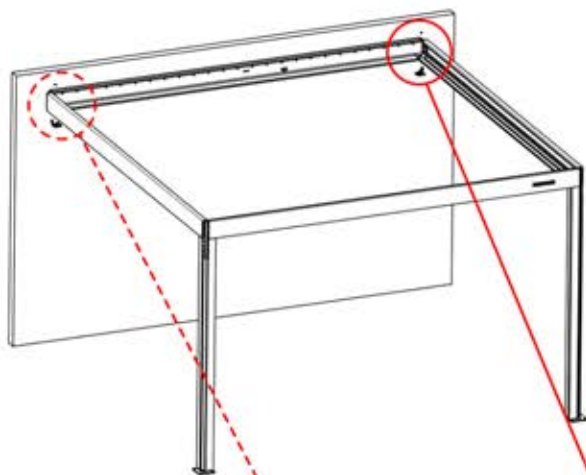
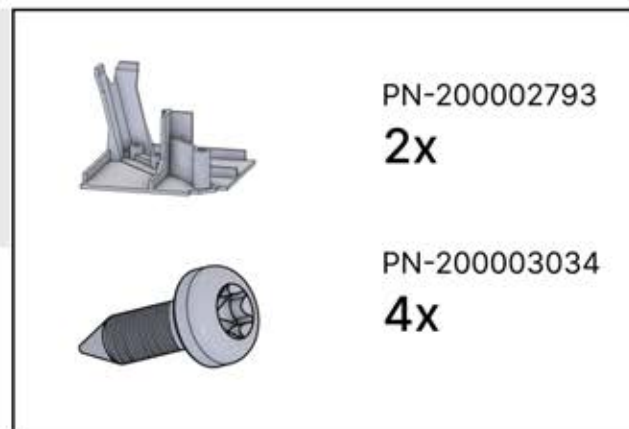
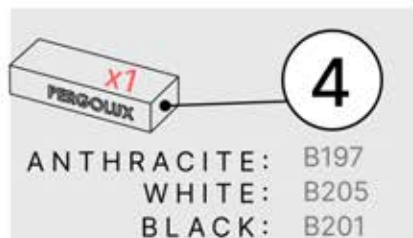
3



17



18



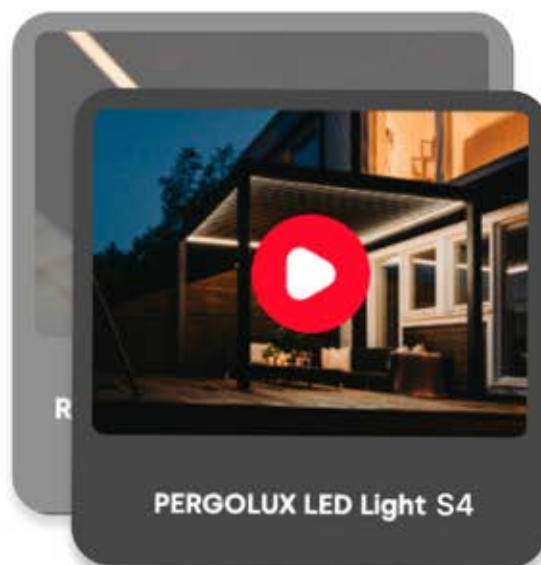
INFORMATION

Have you ordered LED-Lights?

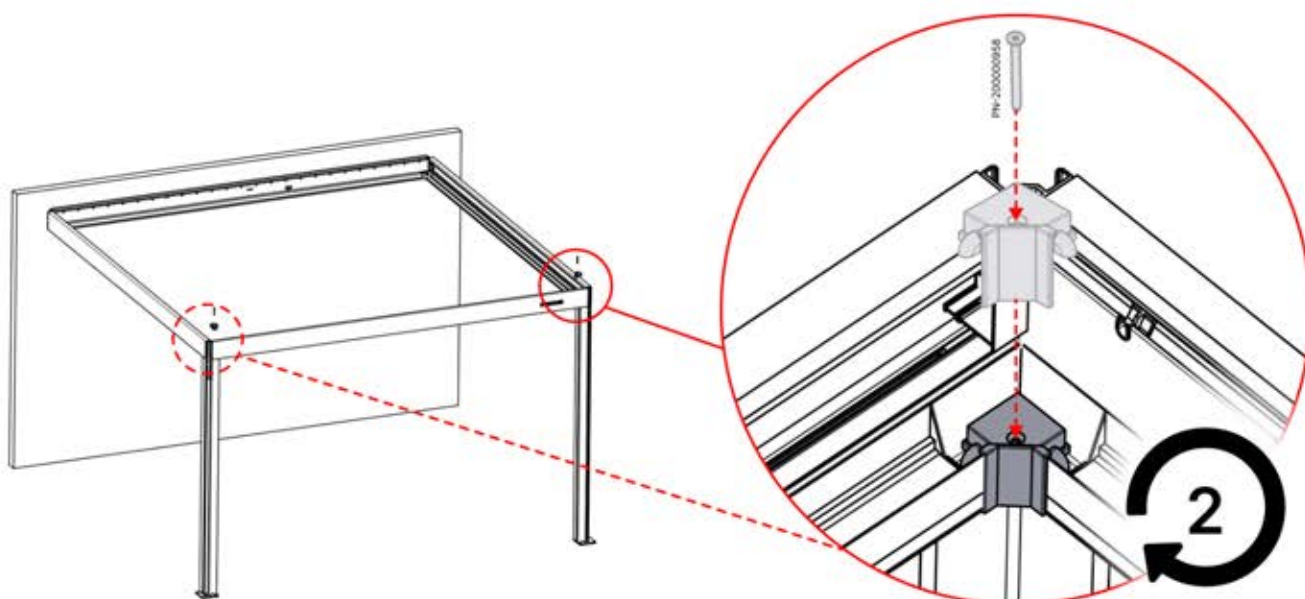
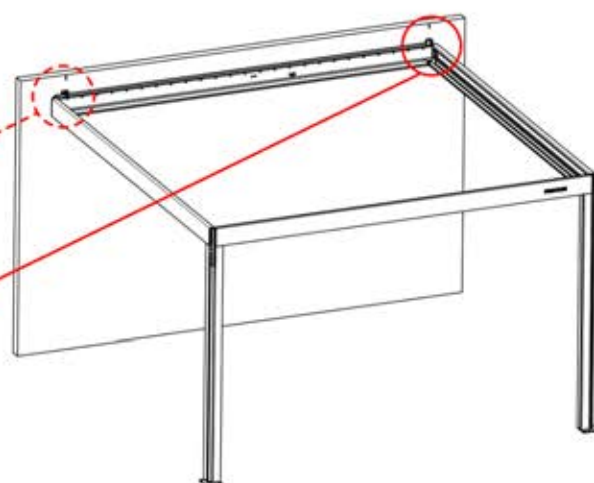
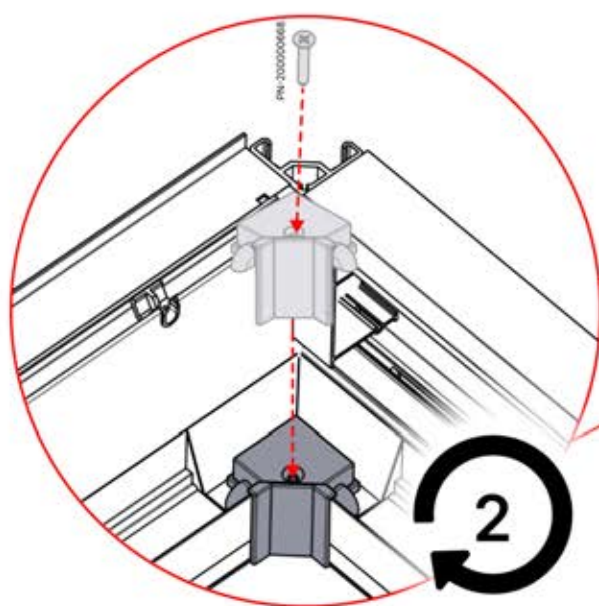
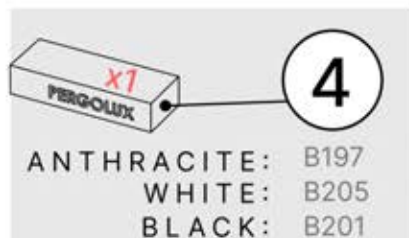
Now is the time to start the assembling.



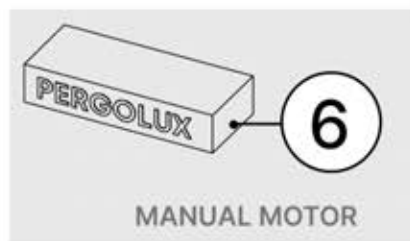
Follow the instruction for the LED lights in the assembly PDF and Video linked:



19



20



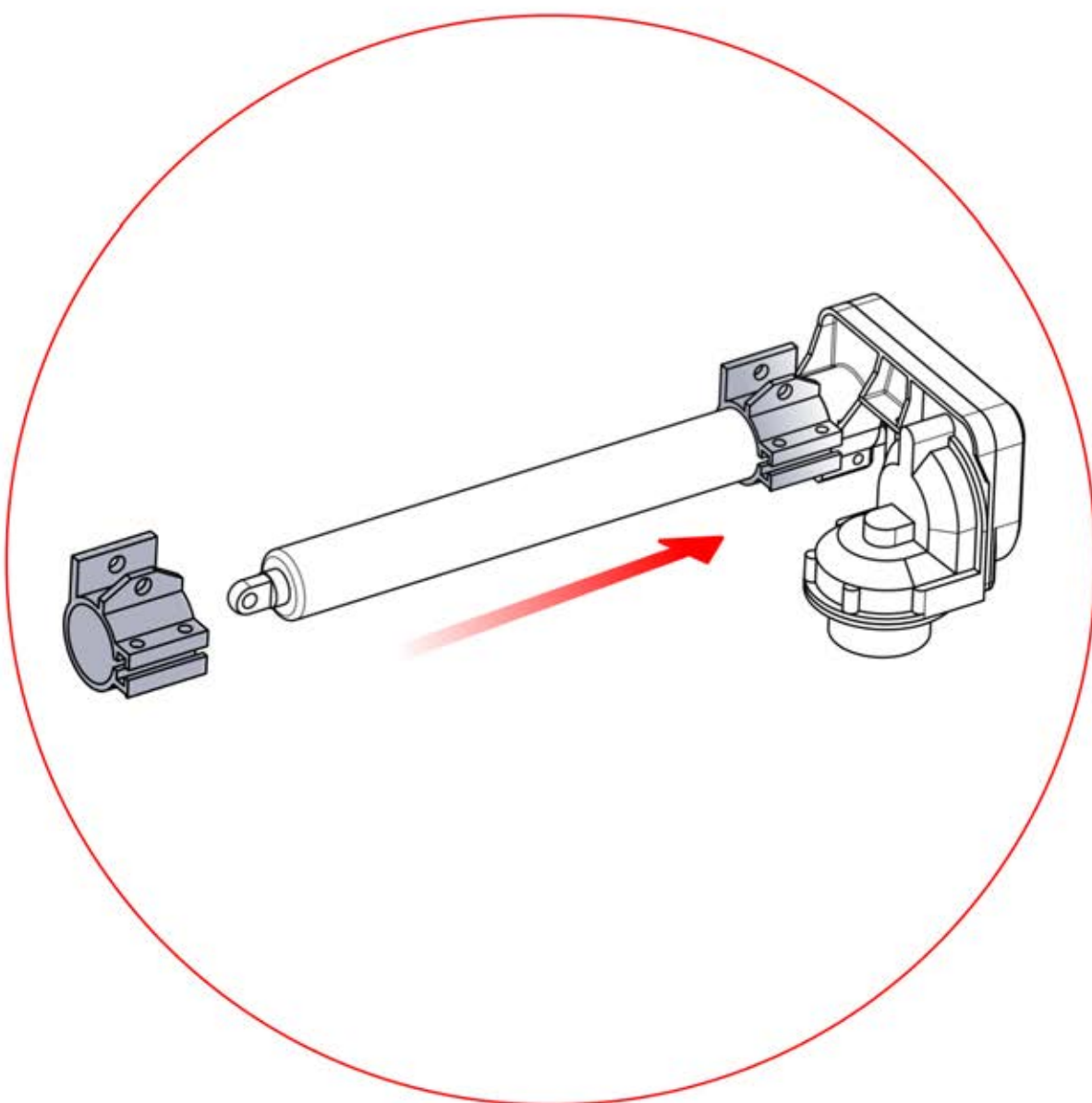
PN-200001563

1x



PN-200001623

1x



21

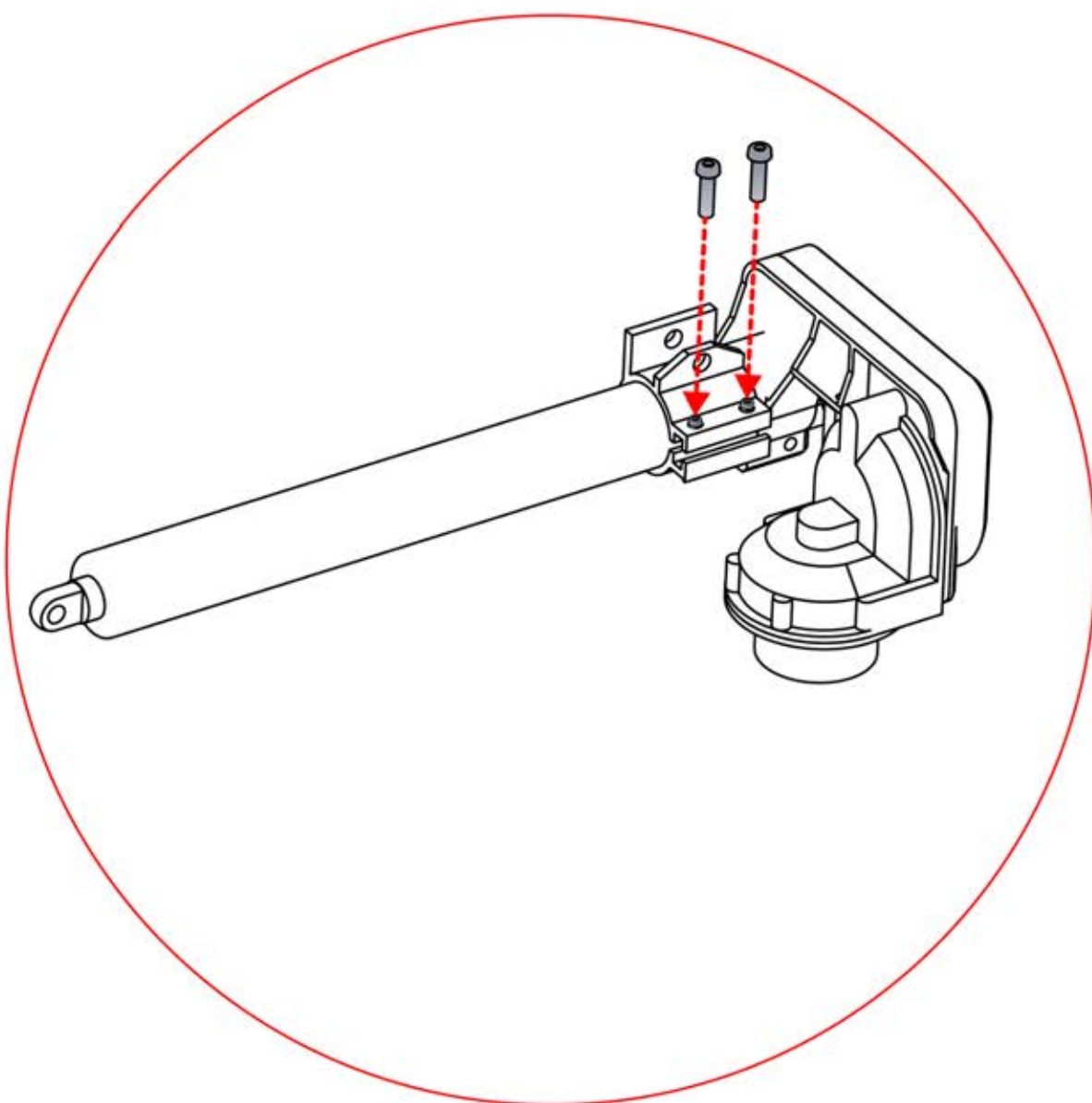


MANUAL MOTOR



PN-200001625

2x

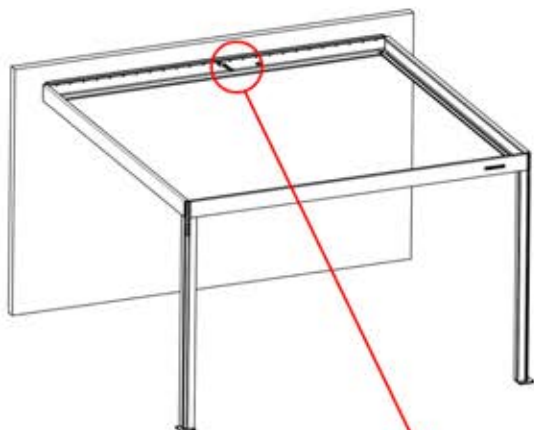


22



4

ANTHRACITE: B197
WHITE: B205
BLACK: B201



PN-200003318
1x



PN-200003317
1x



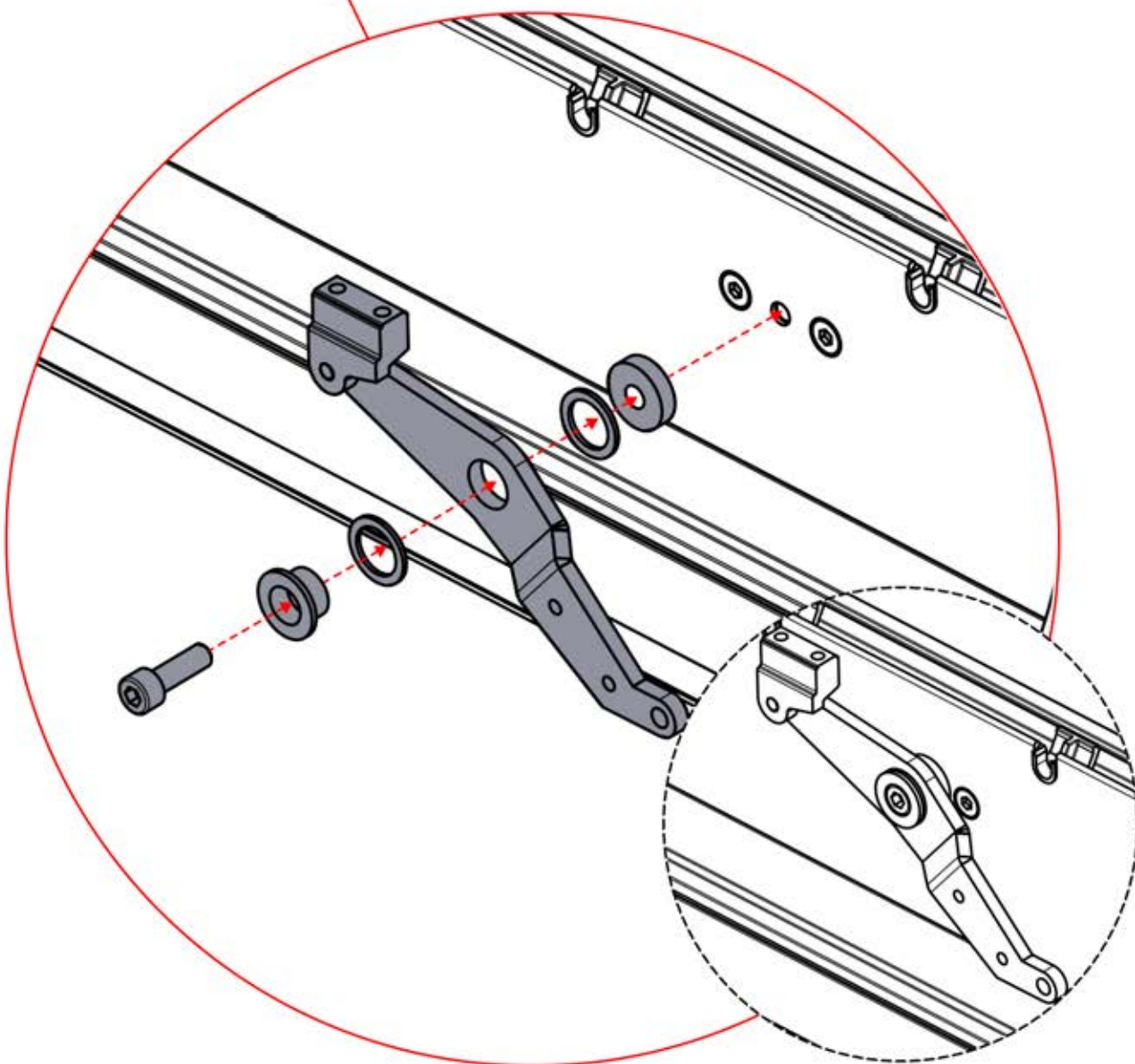
PN-200000511
2x



PN-200000502
1x



PN-200000561
1x



23



4

ANTHRACITE: B197
 WHITE: B205
 BLACK: B201



PN-200003367
1x



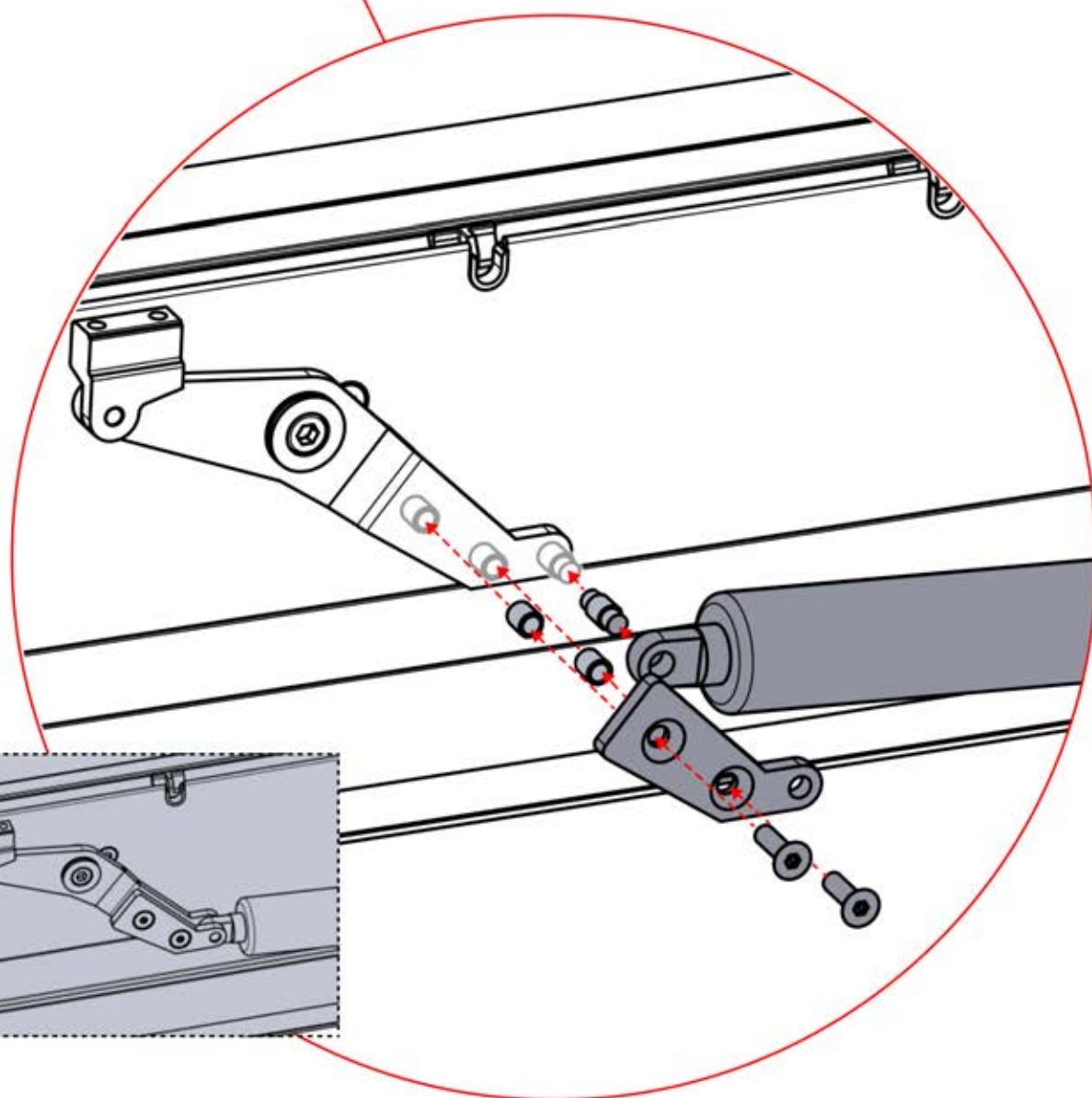
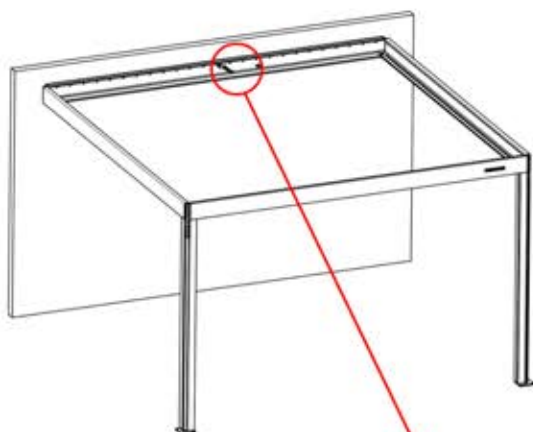
PN-200000853
2x



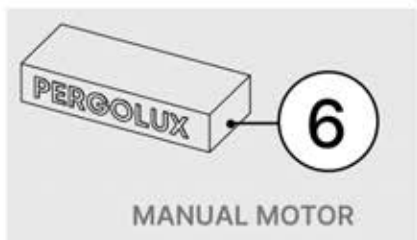
PN-200003370
1x



PN-200003368
2x

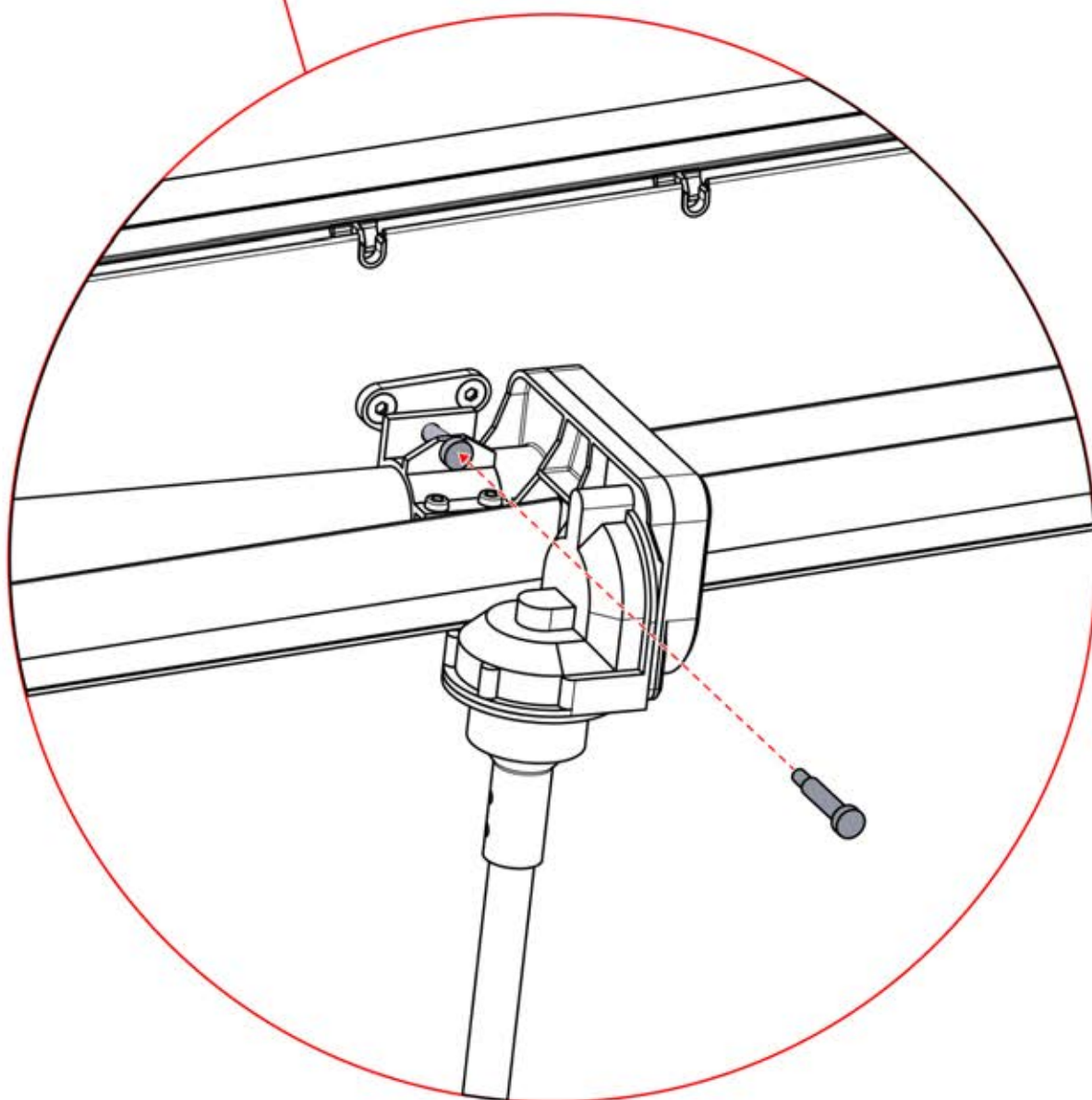
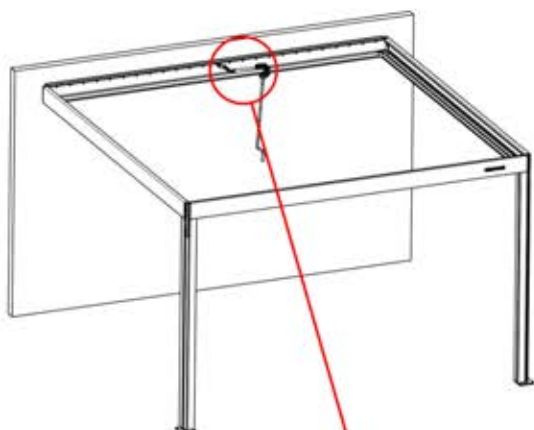


24



PN-200001624

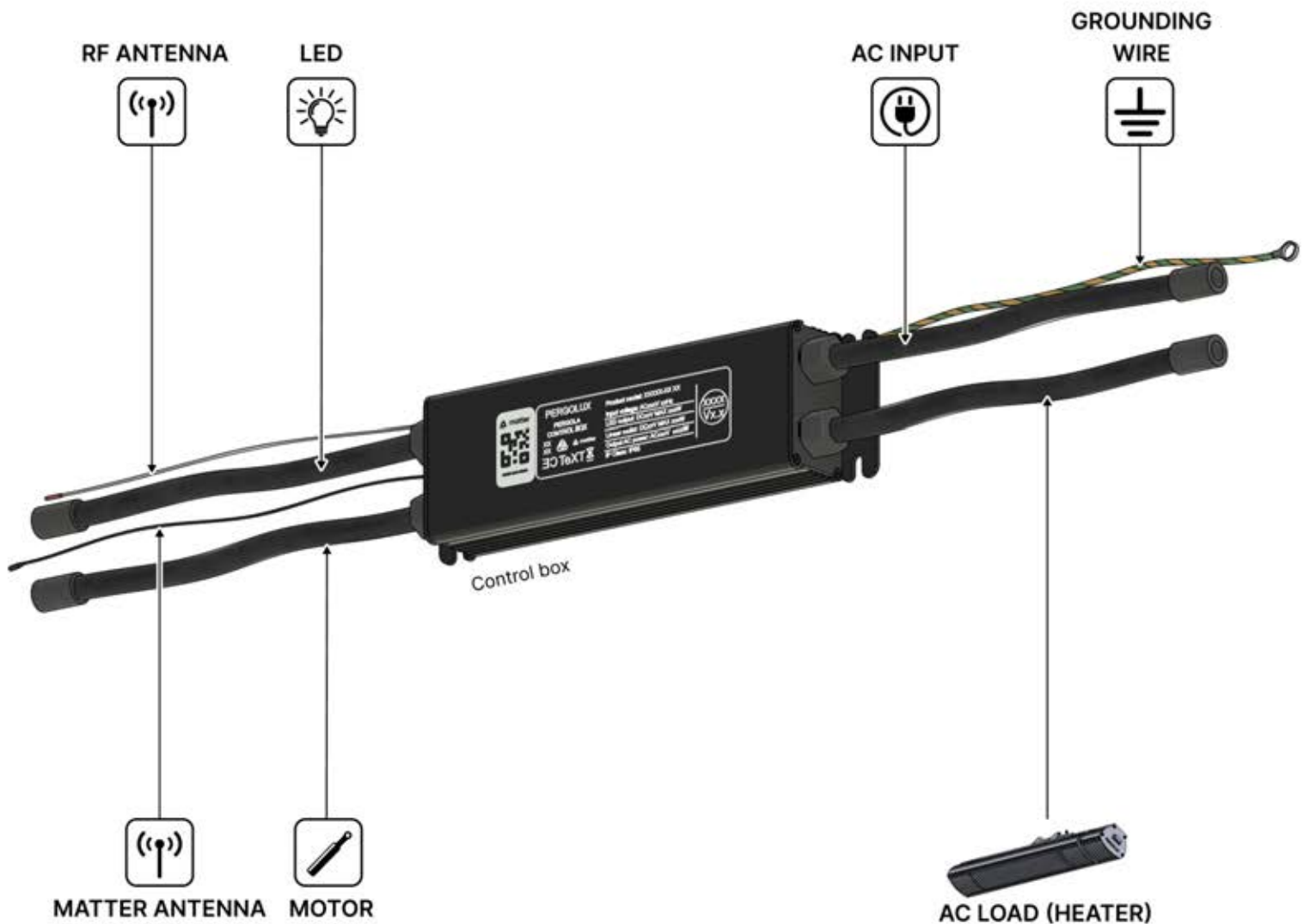
1x



INPUTS AND OUTPUTS



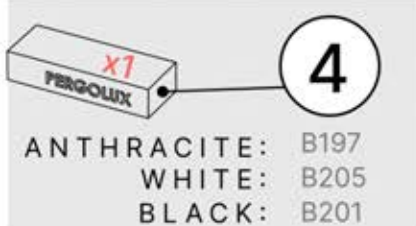
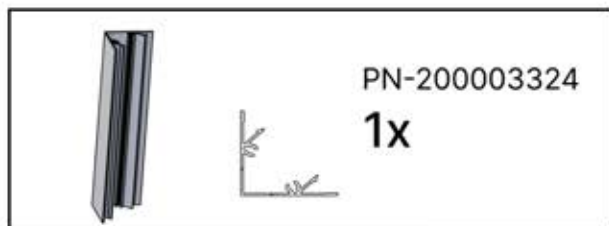
** Only if you ordered LED lights to your pergola.



ATTENTION: MOTOR RESET WARNING

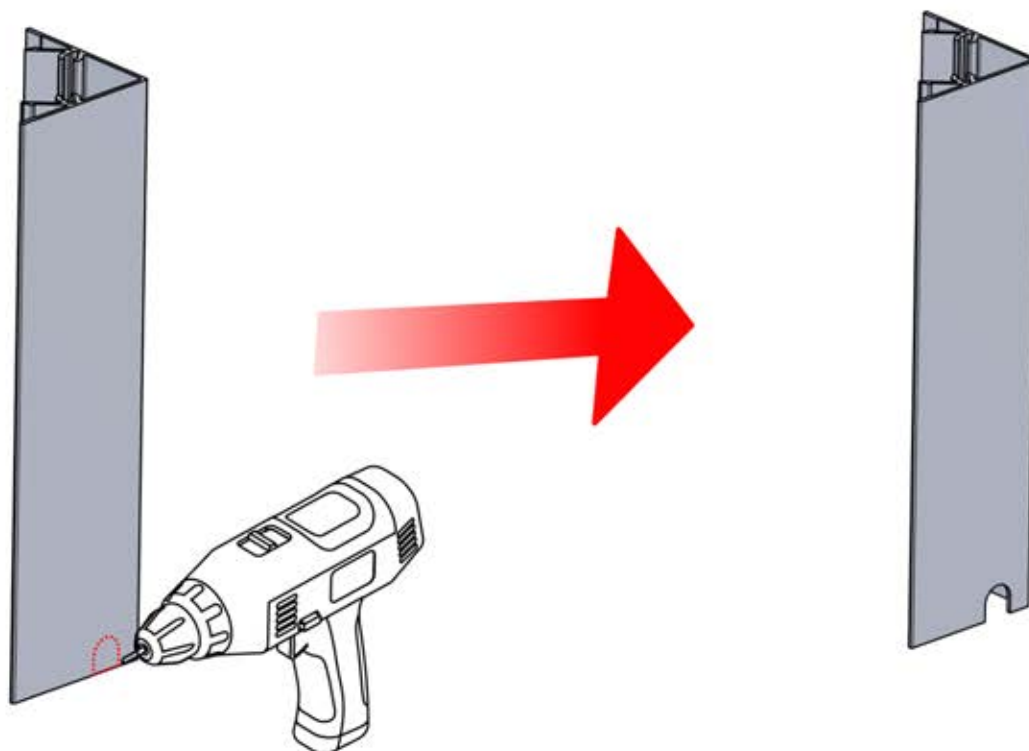
During a control box reset, the motor will fully extend and retract. Motor should be disconnected from motor arm to avoid injury or damage to the pergola

INFORMATION



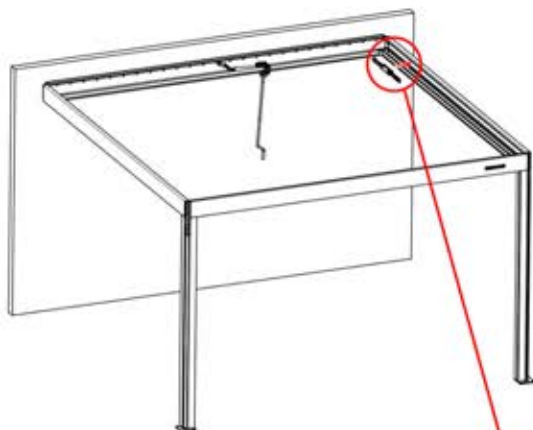
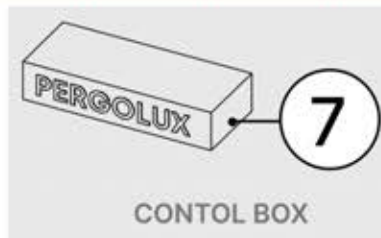
If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200003324**) as illustrated. This allows the cable to pass through during installation in step 50.

Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.

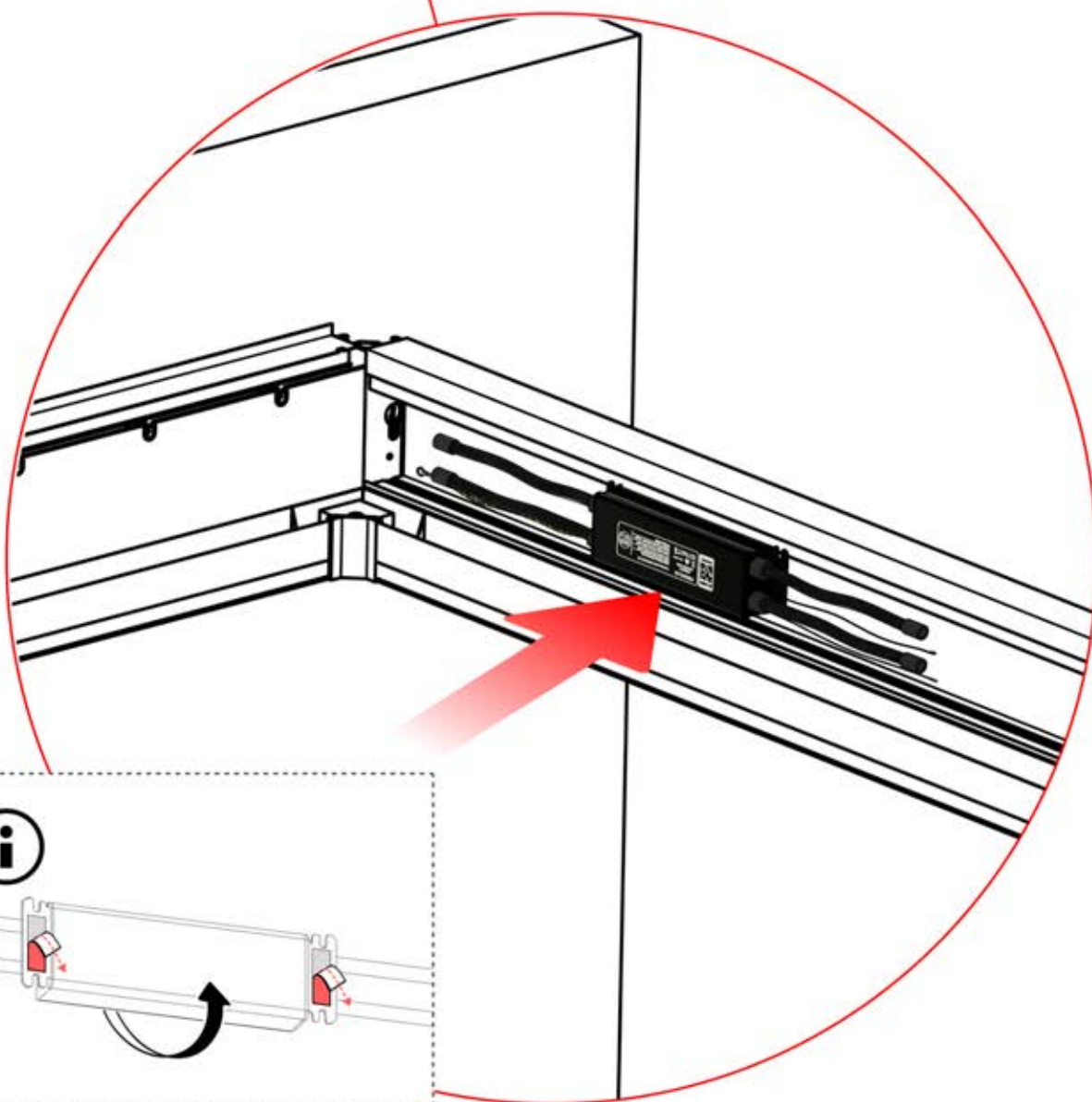


! ** Only if you ordered LED lights to your pergola.

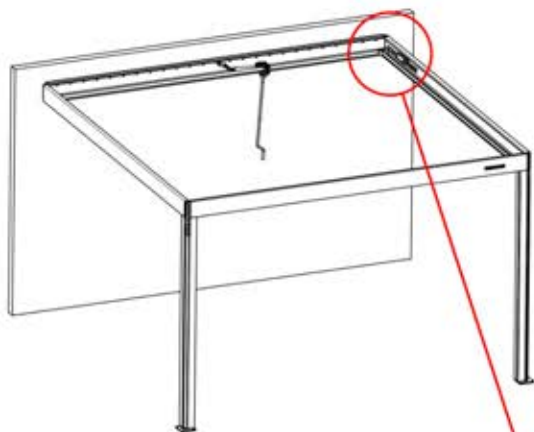
25



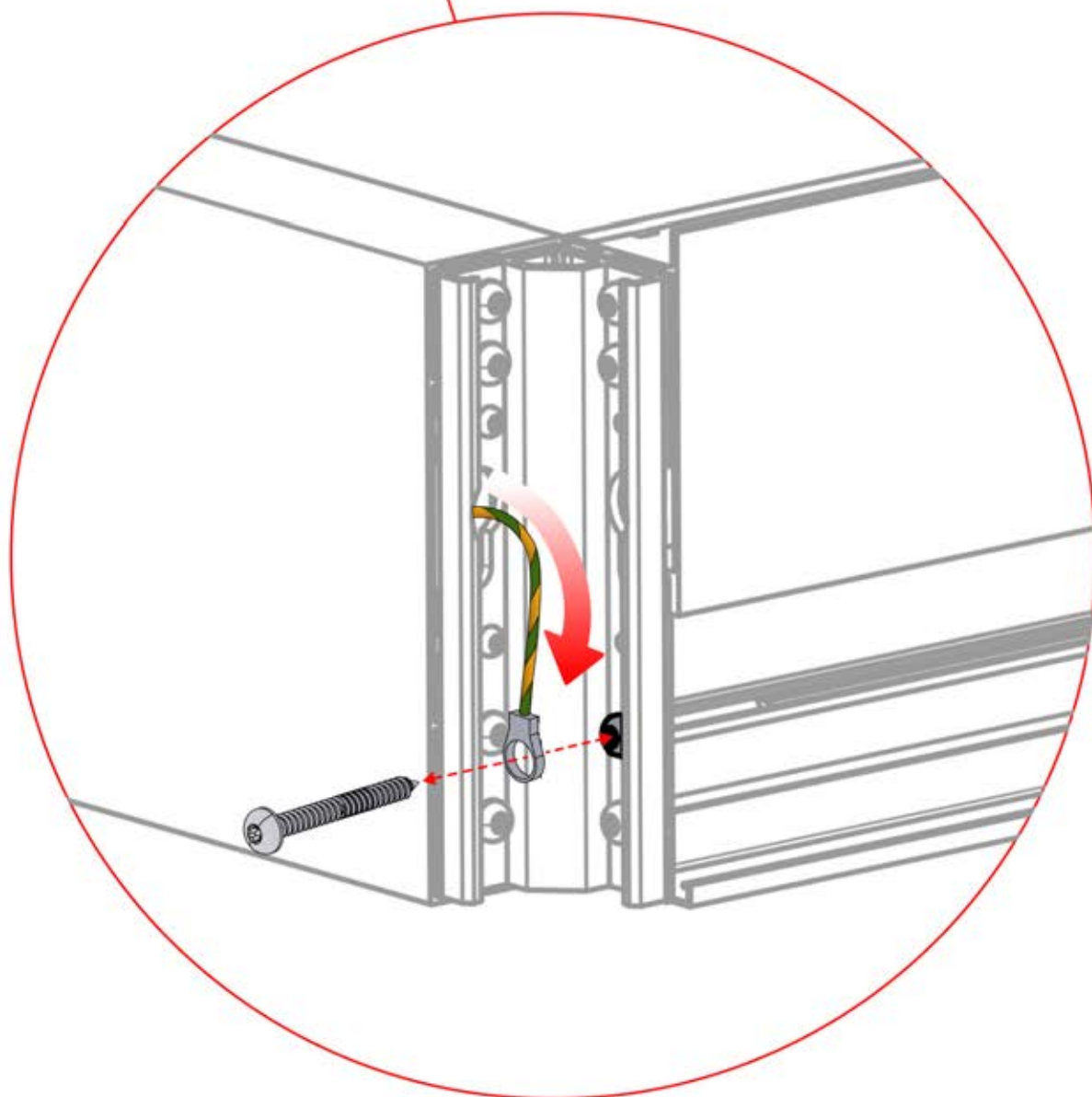
! Control Box can be installed on Preferred W BEAM



26

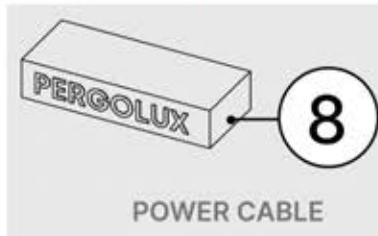


Connect grounding wire before connecting to power!

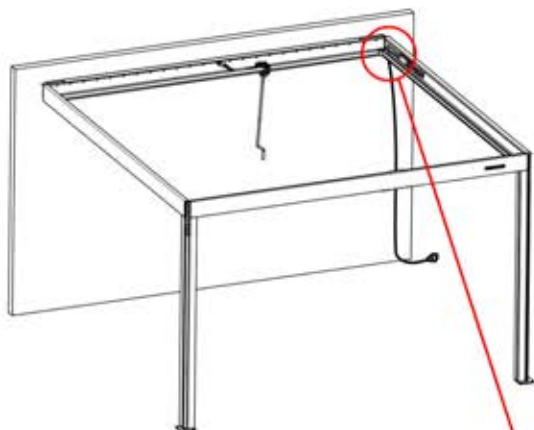


! ** Only if you ordered LED lights to your pergola.

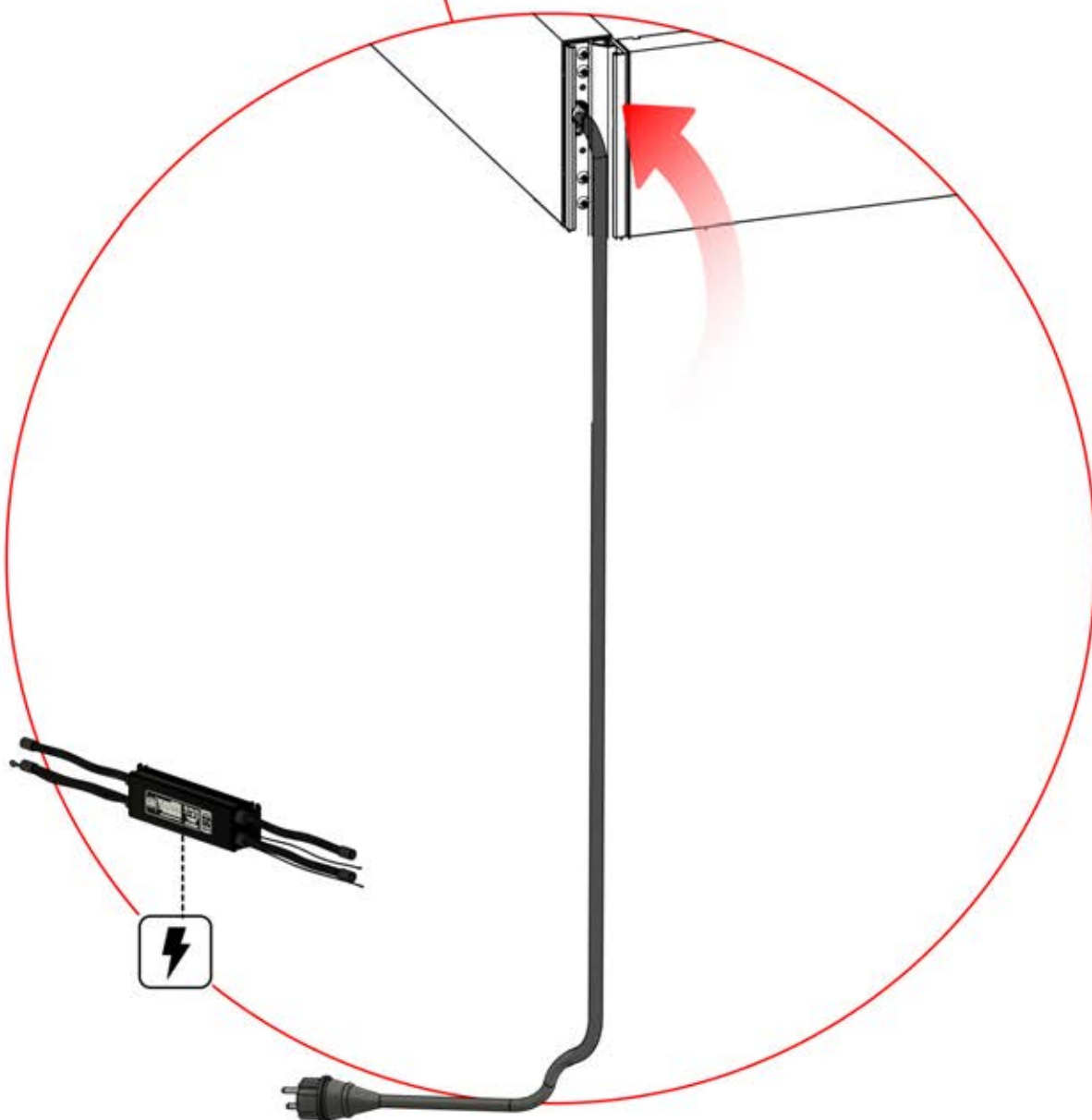
27



power cable
PN-200003781
1x

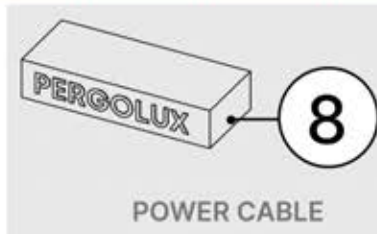


Power Cable can be
routed through all
the Poles.

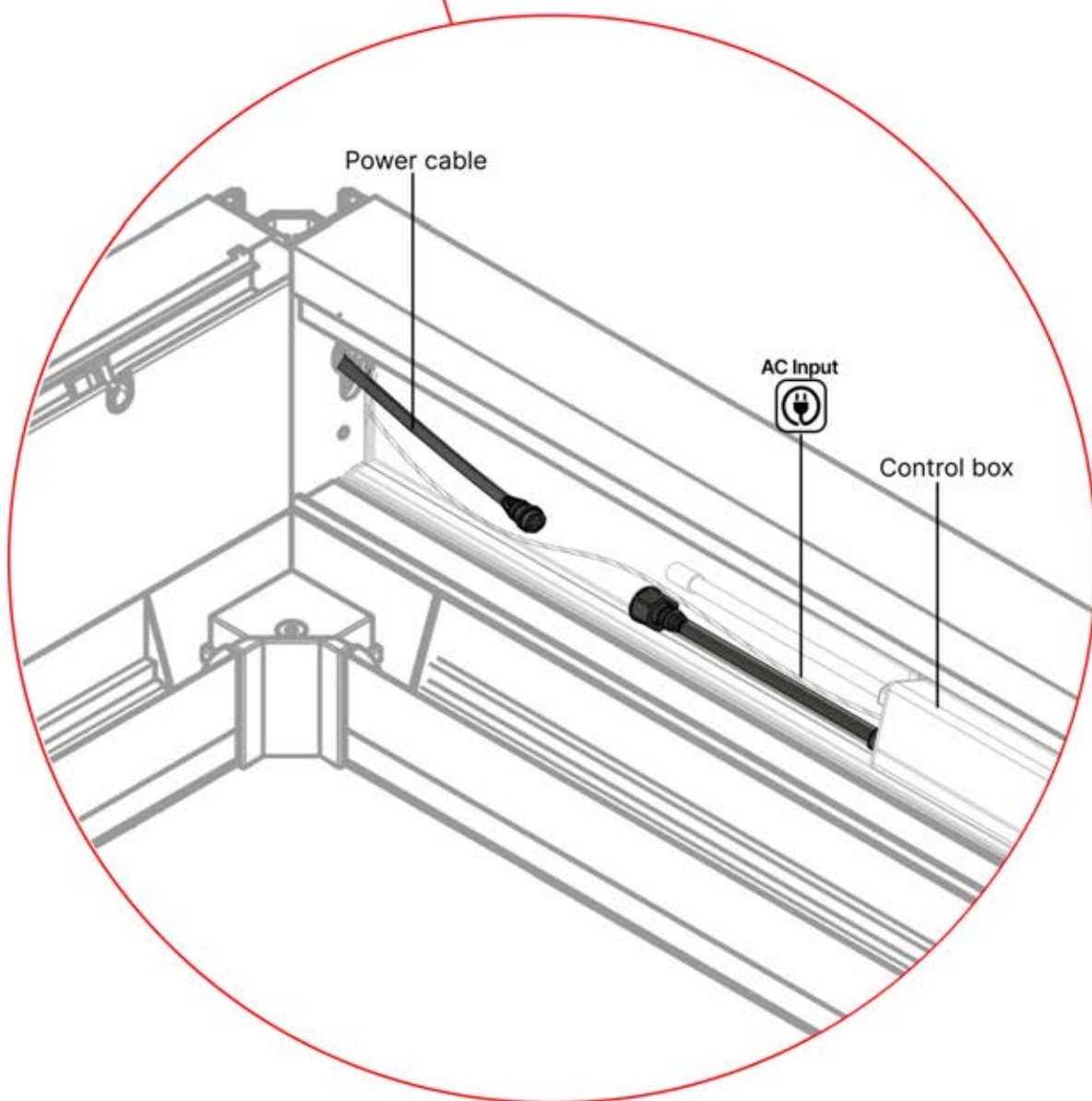
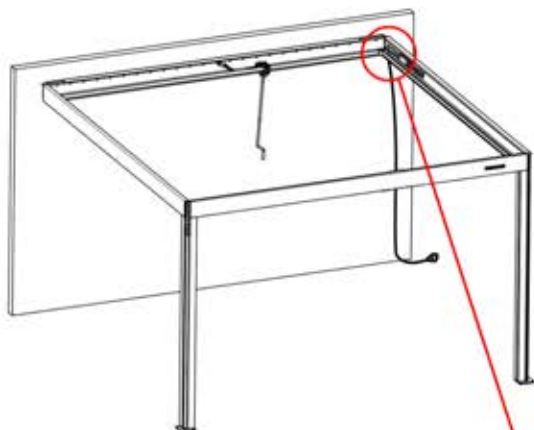


! ** Only if you ordered LED lights to your pergola.

28



power cable
PN-200003781
1x





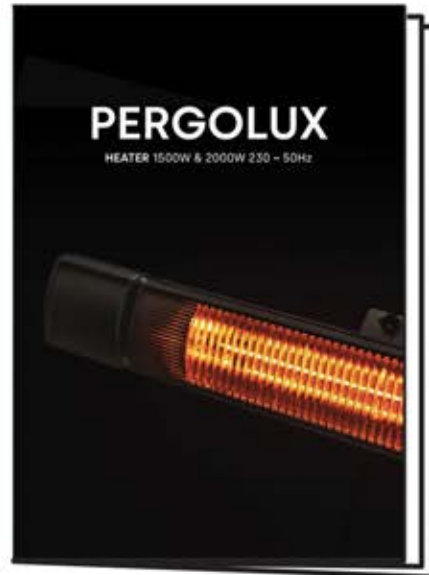
** Only if you ordered LED lights to your pergola.

29

1

If you are going to install a heater, do it now.

Follow the instructions in the heater assembly manual.



2

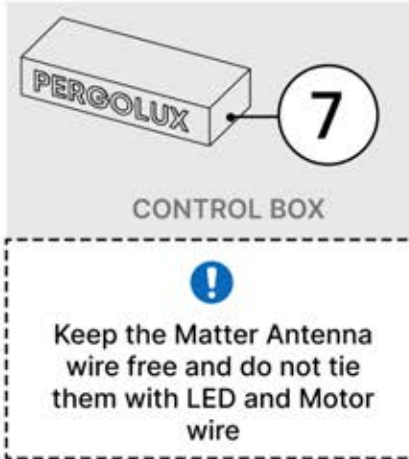
It's time to connect the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.



! ** Only if you ordered LED lights to your pergola.

30



S4



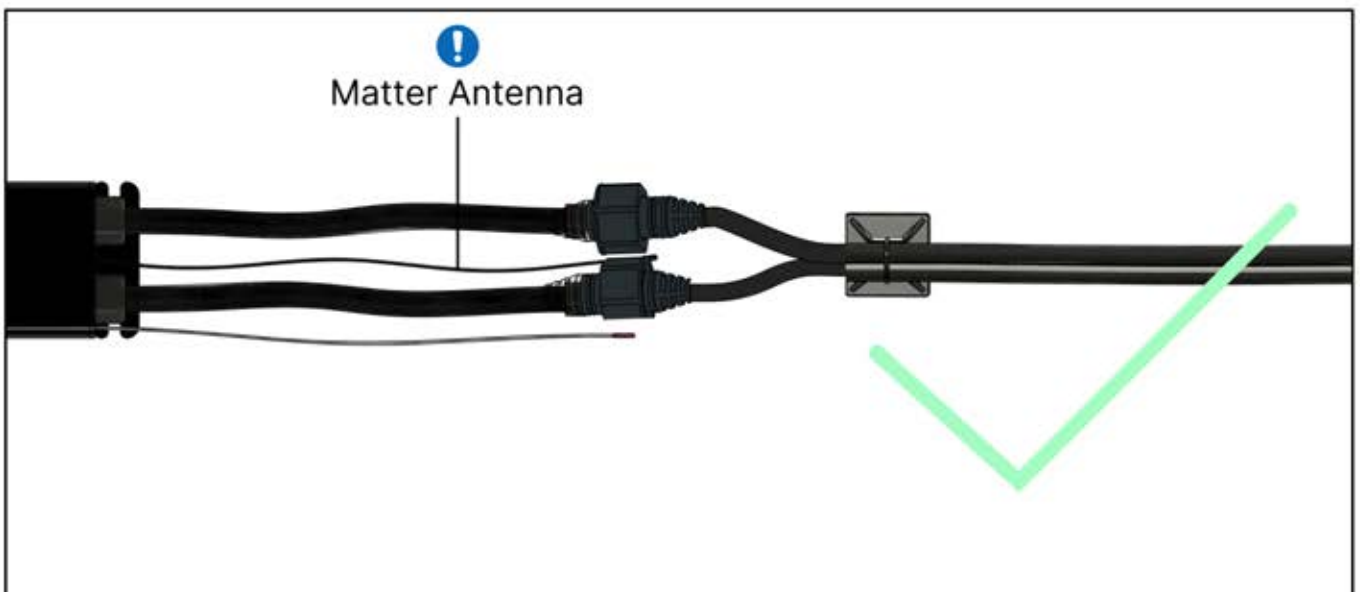
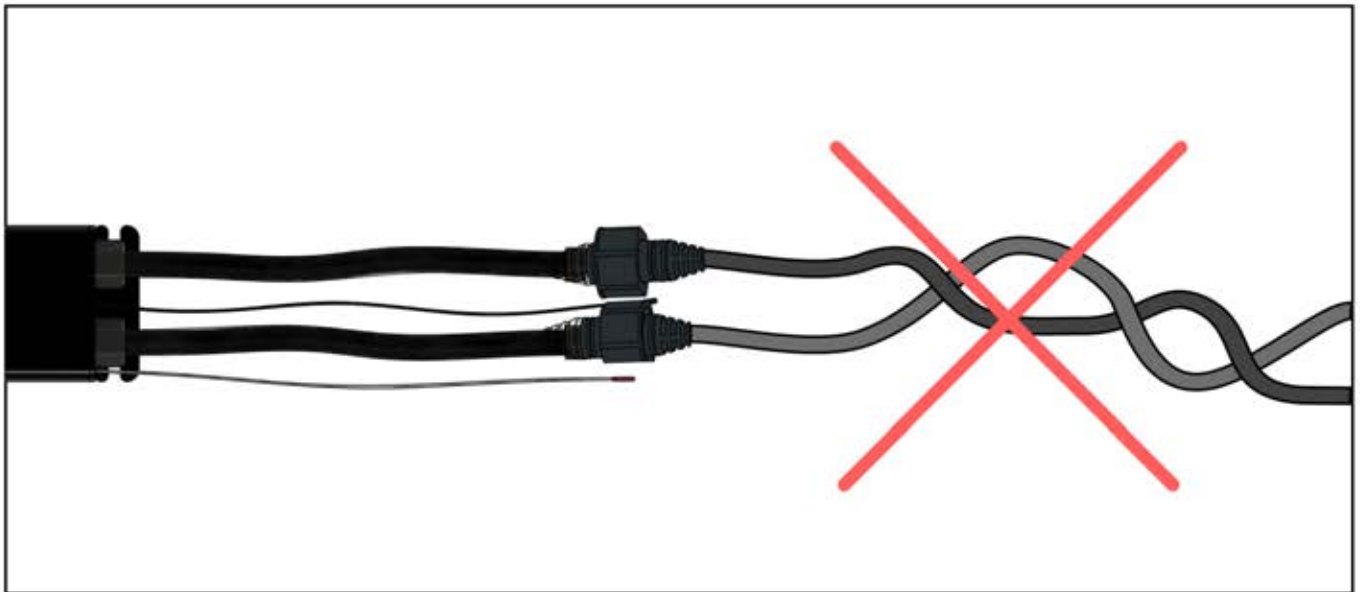
PN-200002683

5x

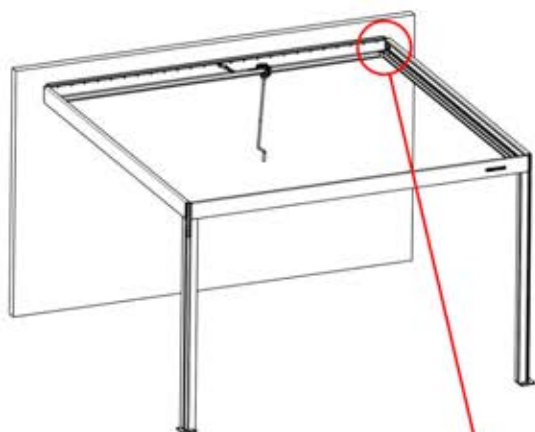


PN-200002684

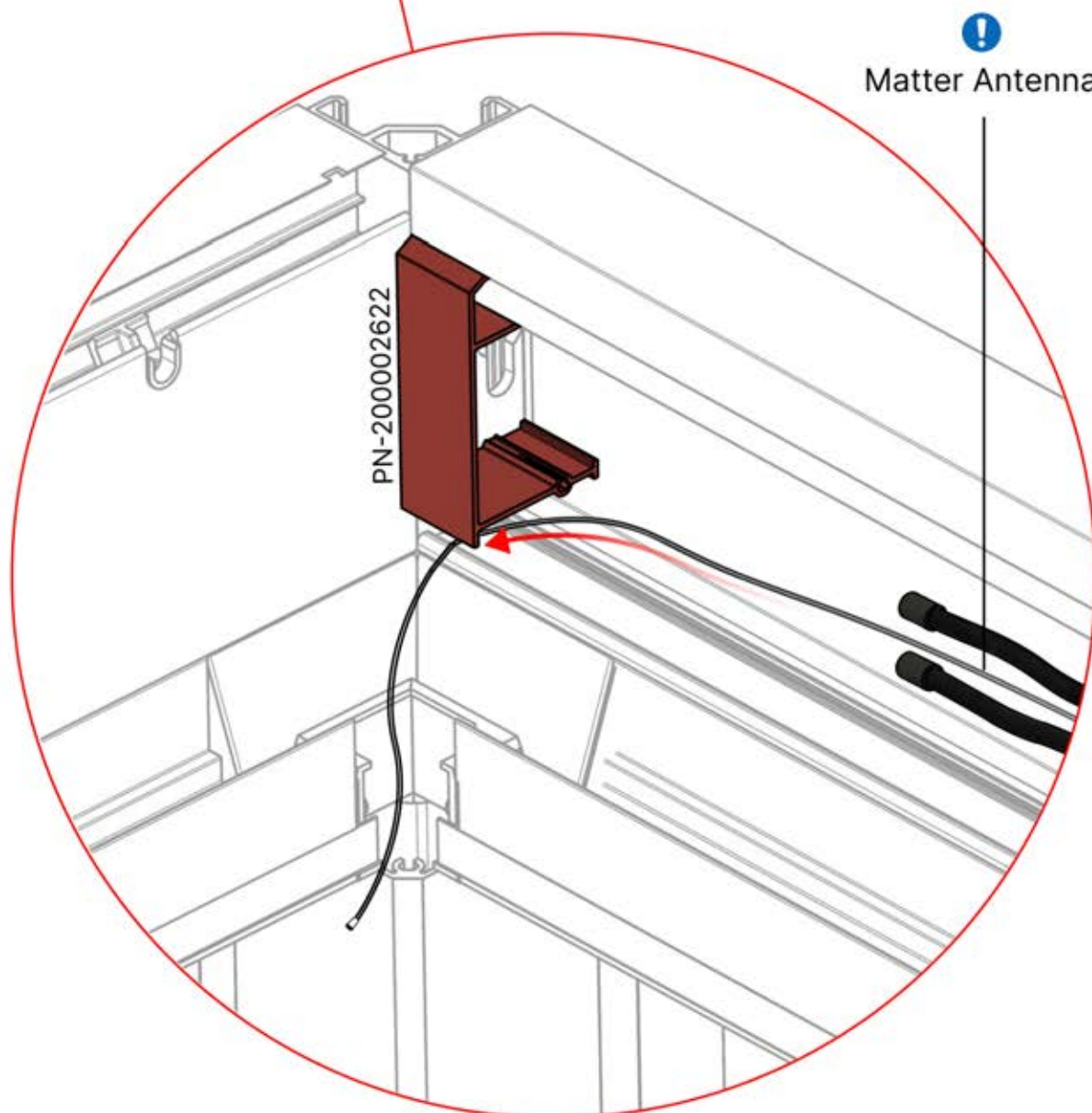
10x



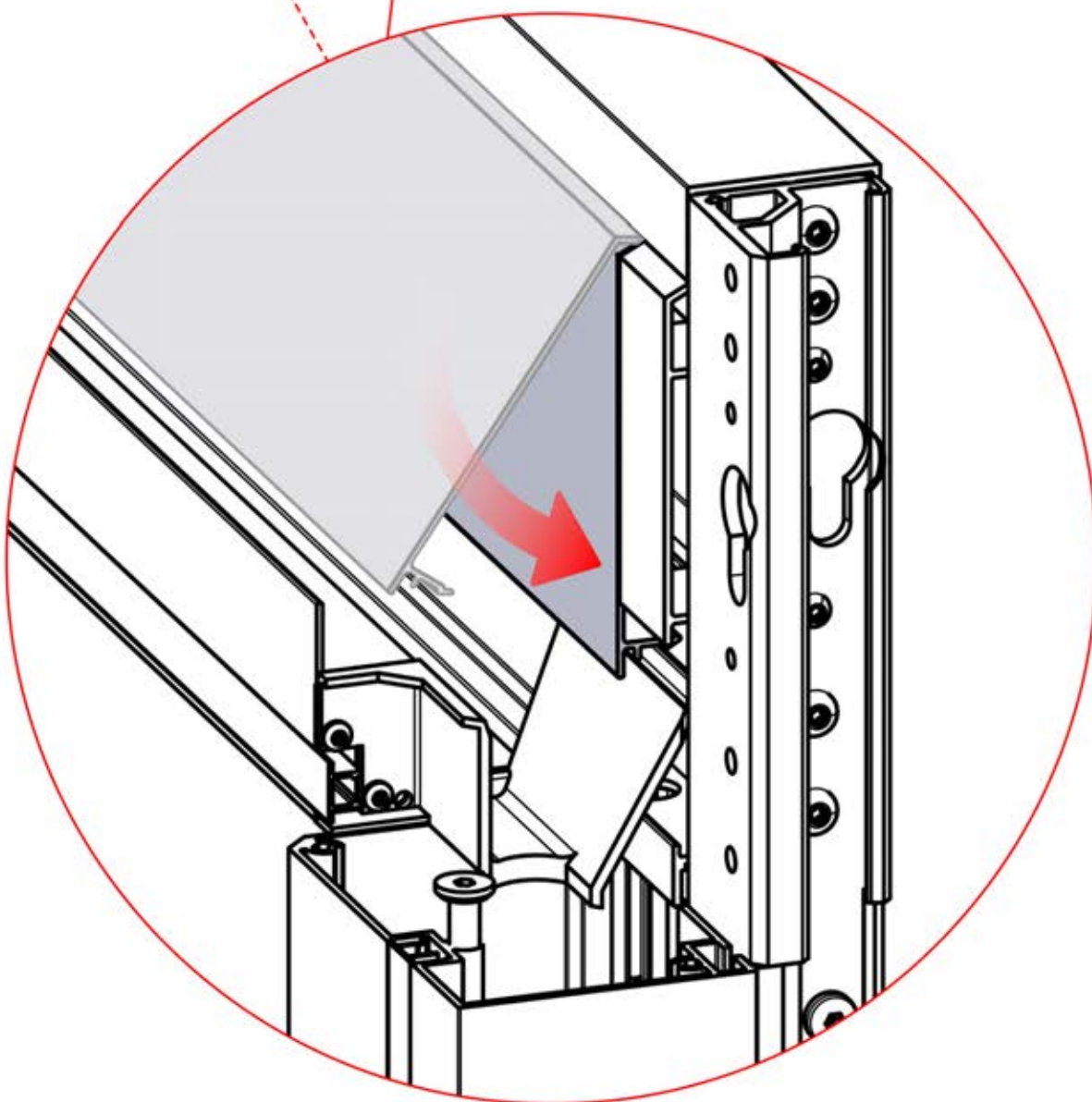
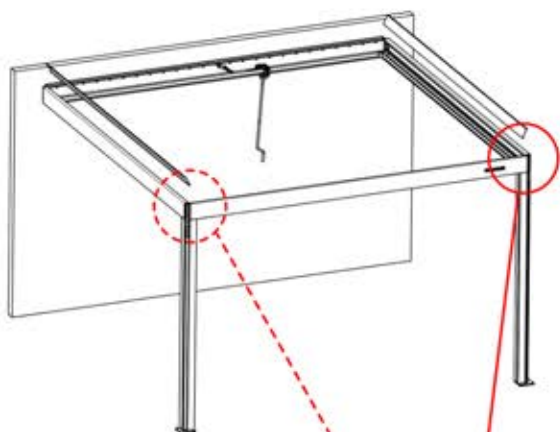
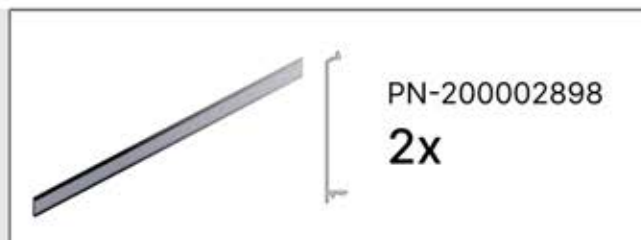
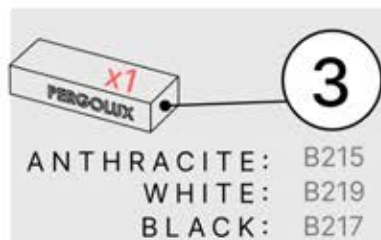
31



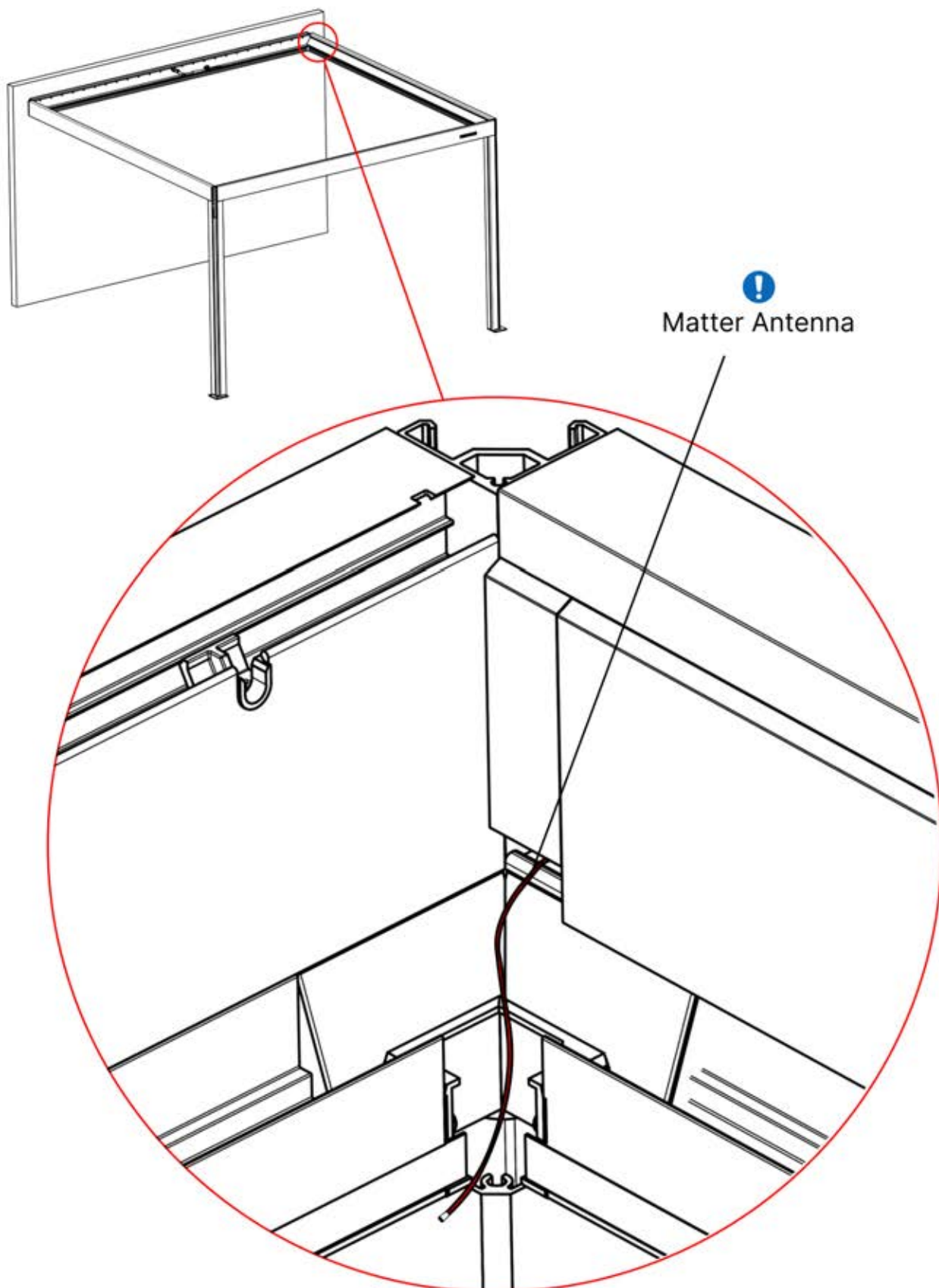

Route the Matter
Antenna and place it
below the highlighted
part(PN-200002622).



32



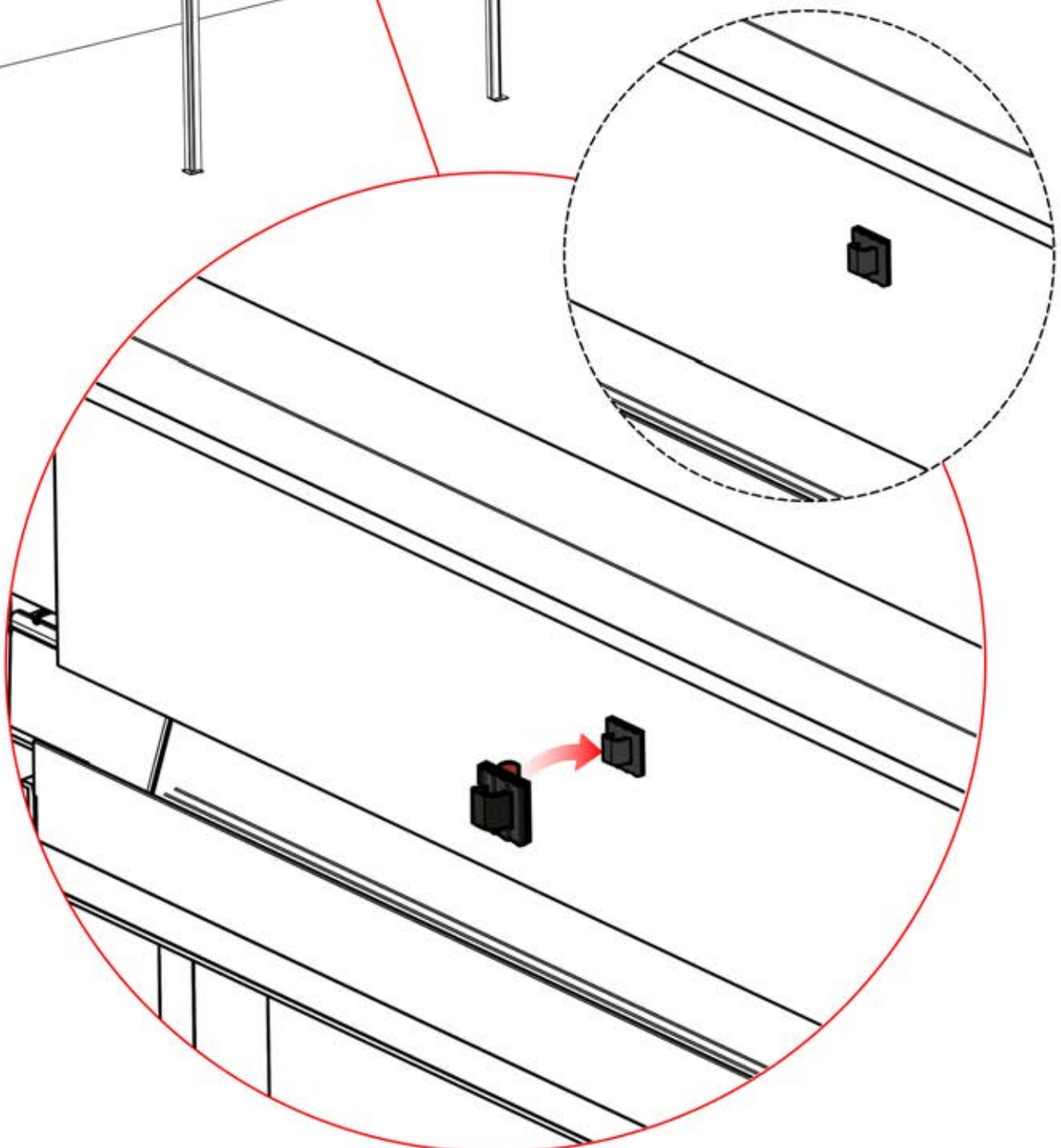
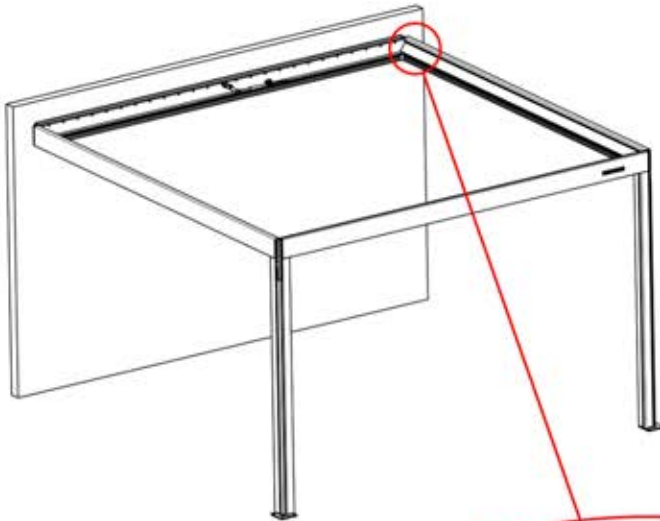
INFORMATION



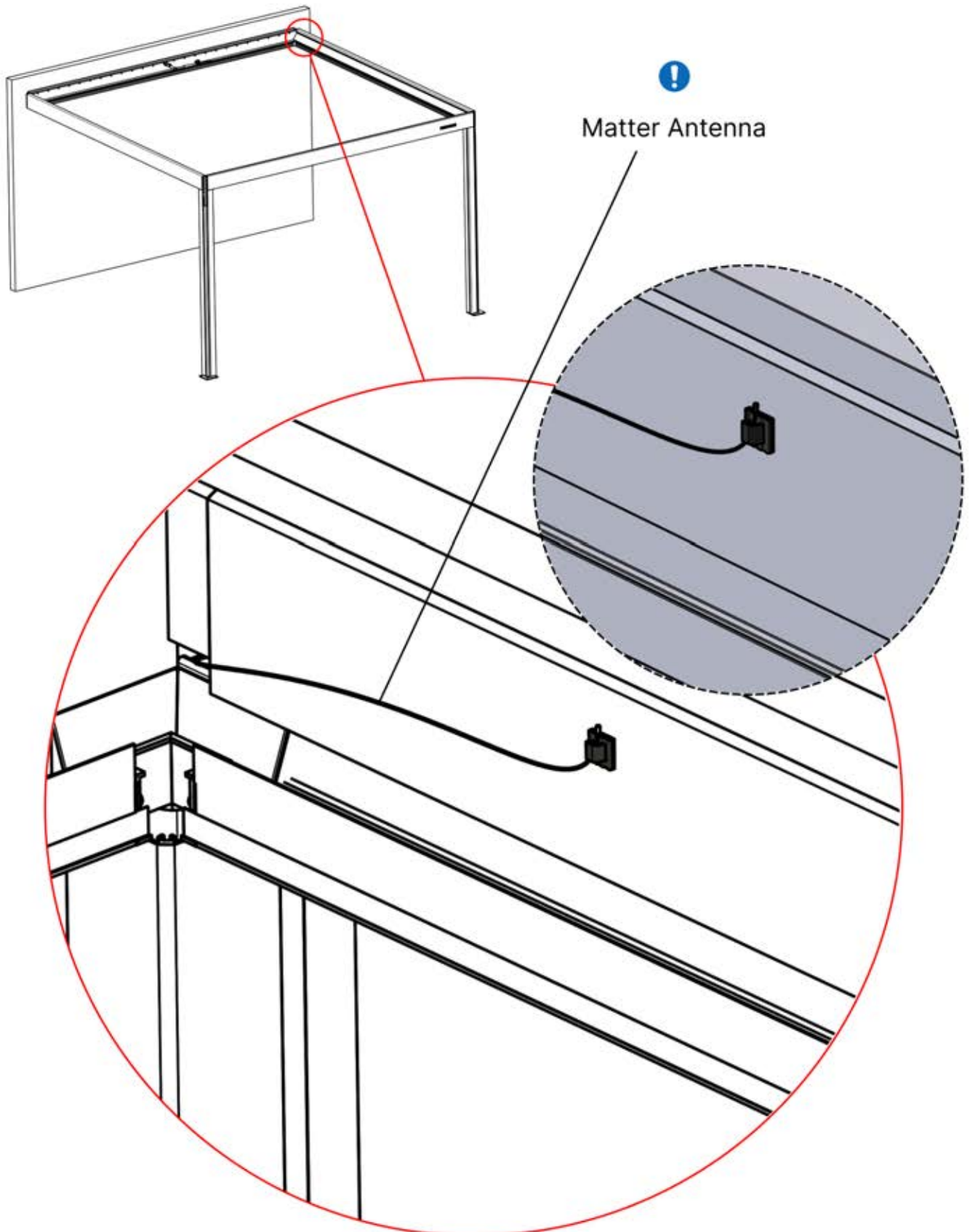
33



Matter Antenna Clip
1x



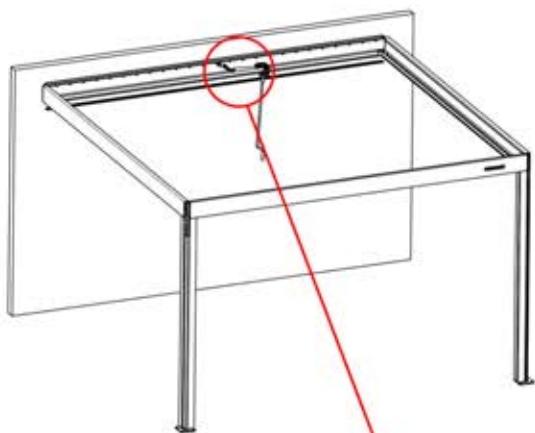
34



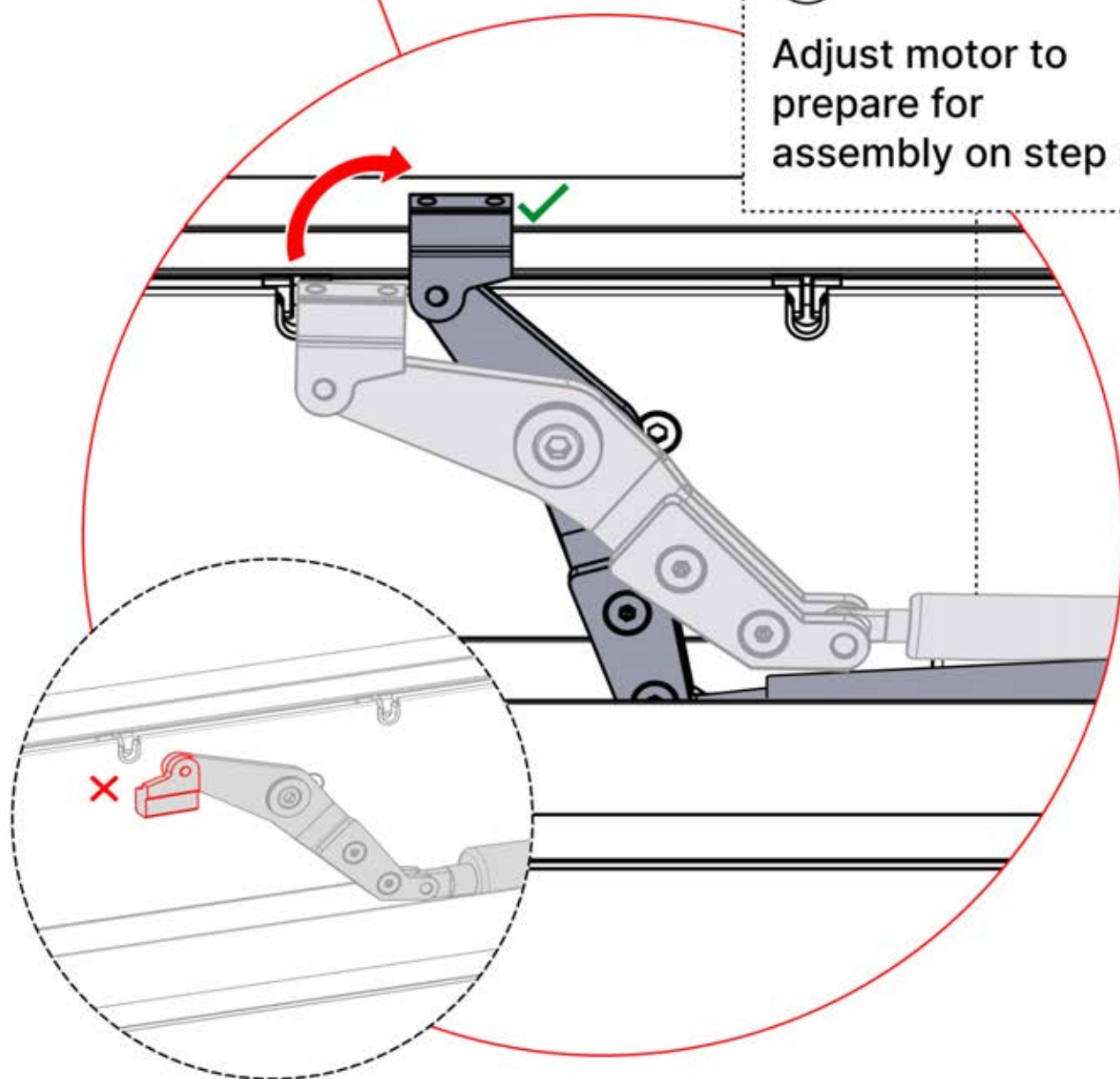
35



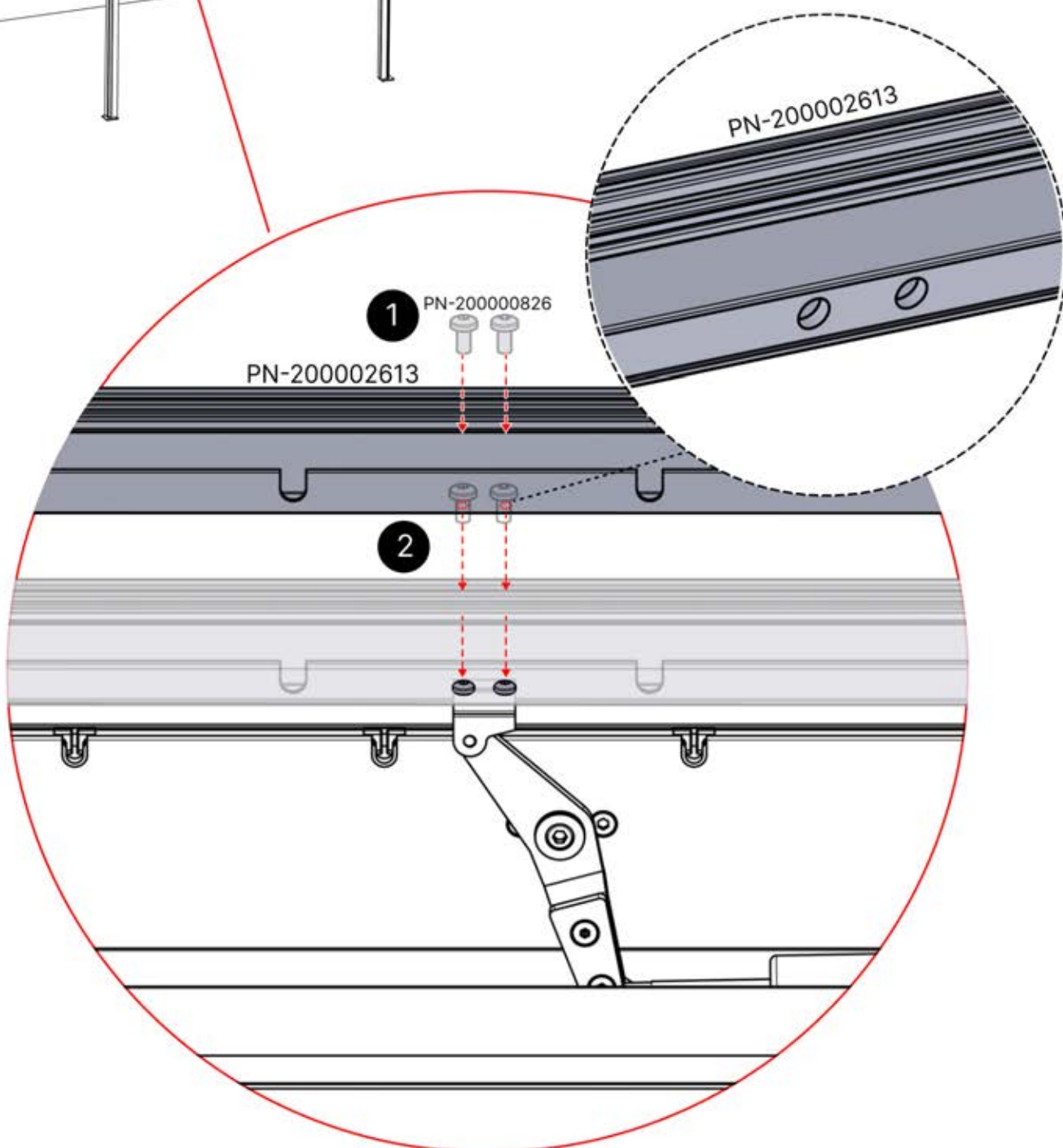
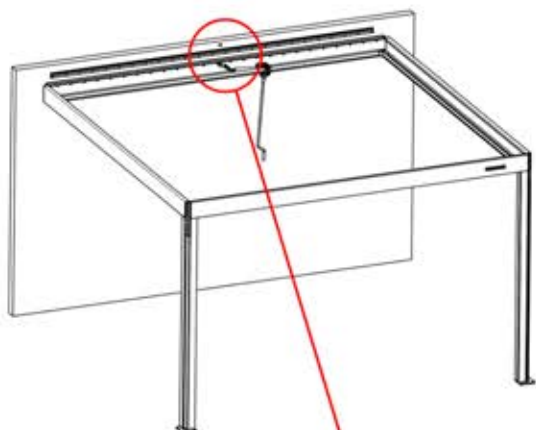
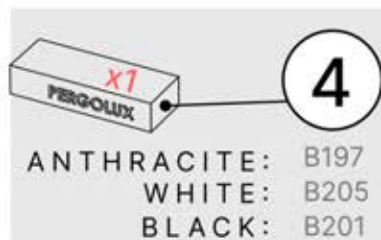
Hand Crank



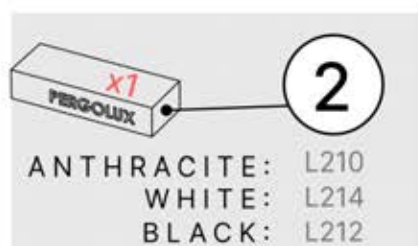
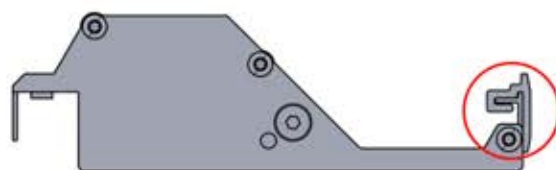
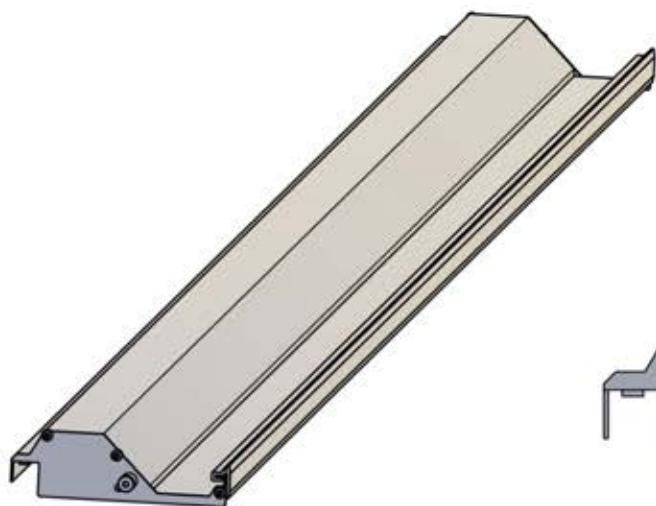
Adjust motor to
prepare for
assembly on step 36



36



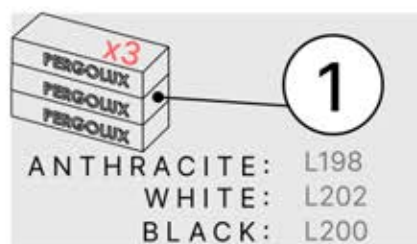
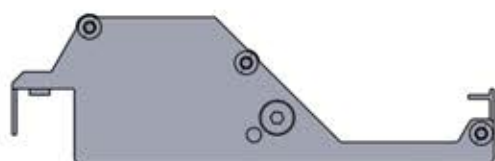
PERGOLA LOUVERS



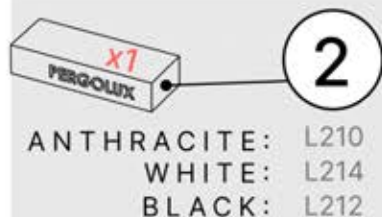
ANTHRACITE: L210
WHITE: L214
BLACK: L212

P.PERGOLA 4M FS END LOUVER
PN-200002892

1x



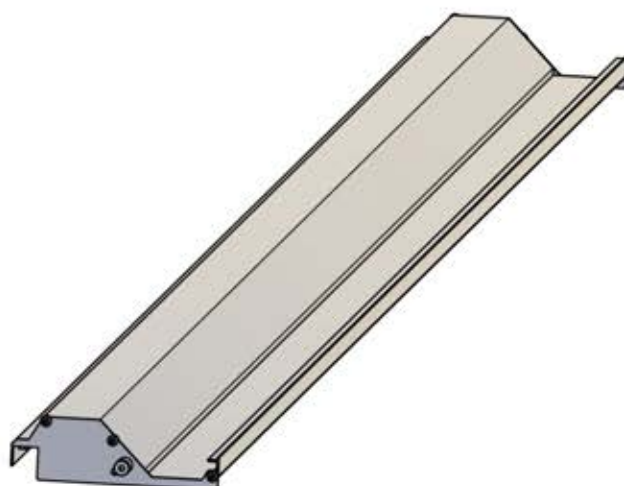
ANTHRACITE: L198
WHITE: L202
BLACK: L200



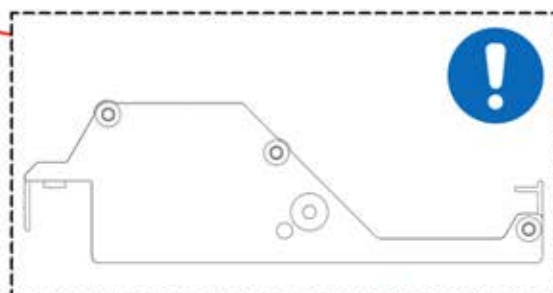
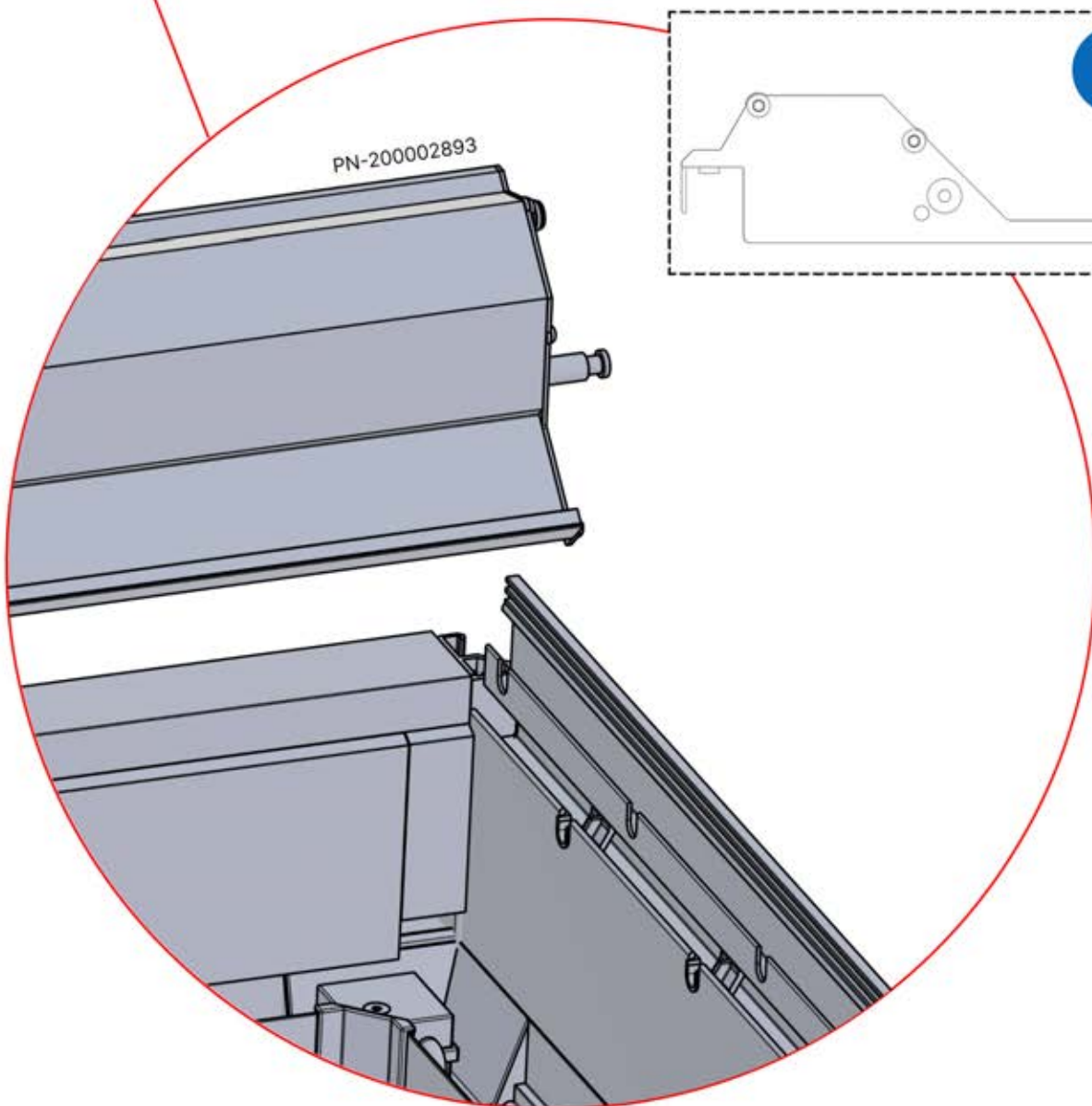
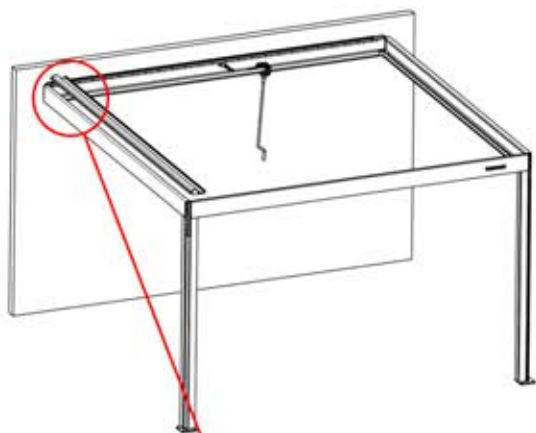
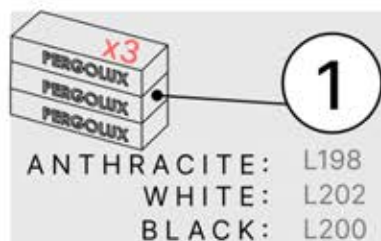
ANTHRACITE: L210
WHITE: L214
BLACK: L212

P.PERGOLA 4M FS LOUVER
PN-200002893

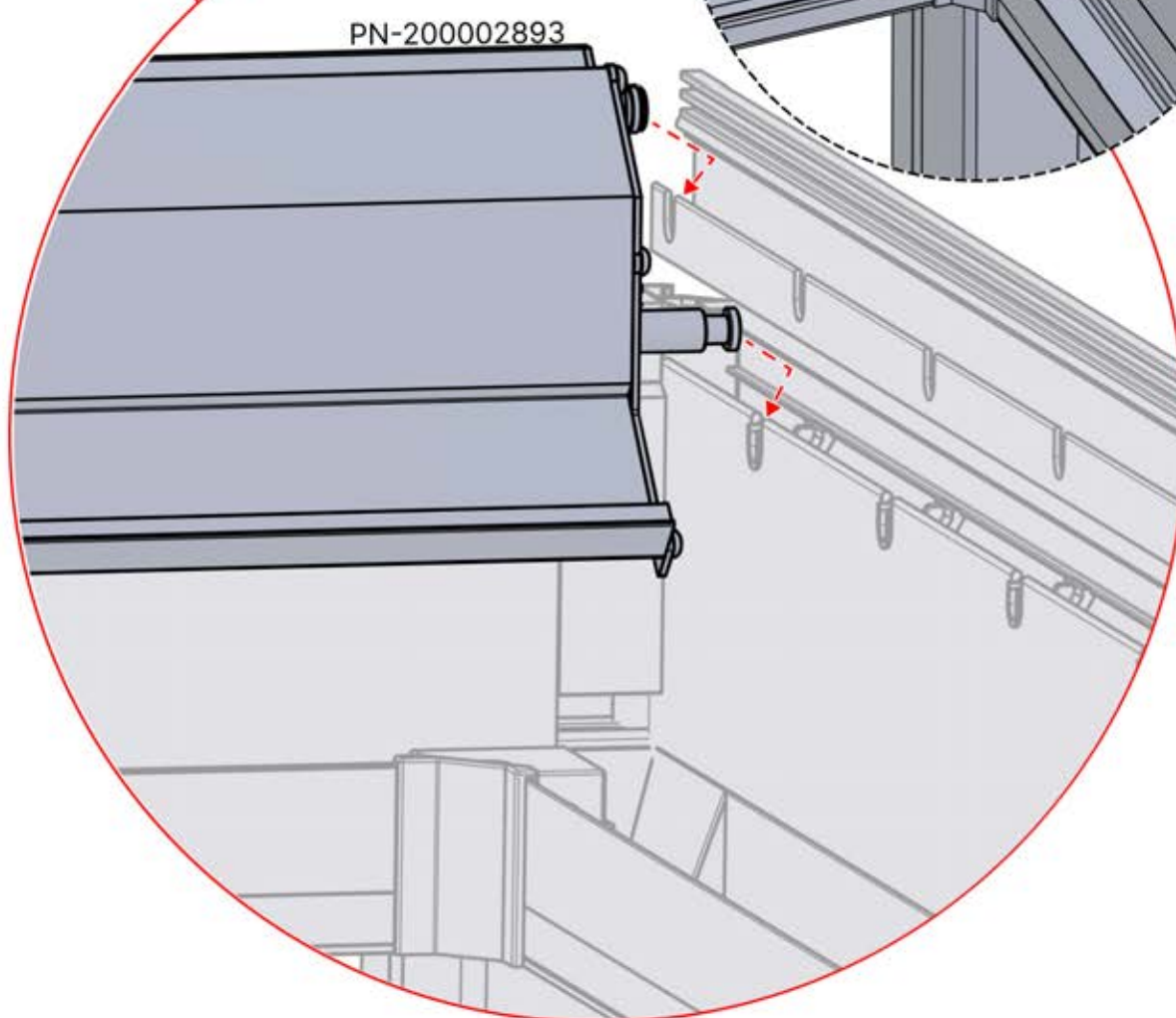
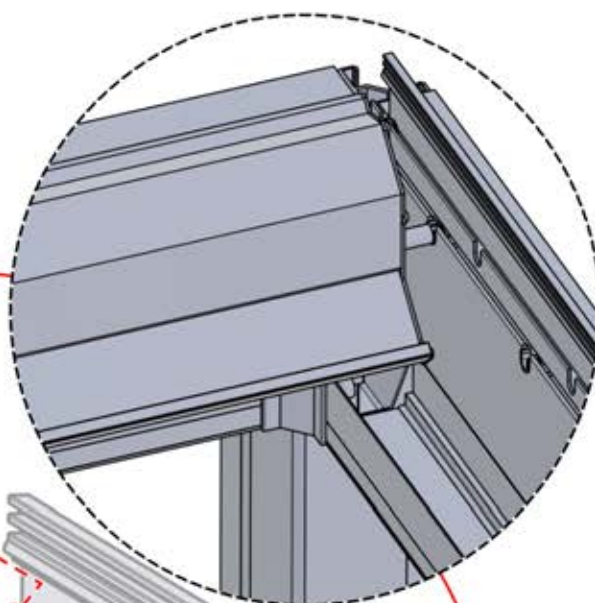
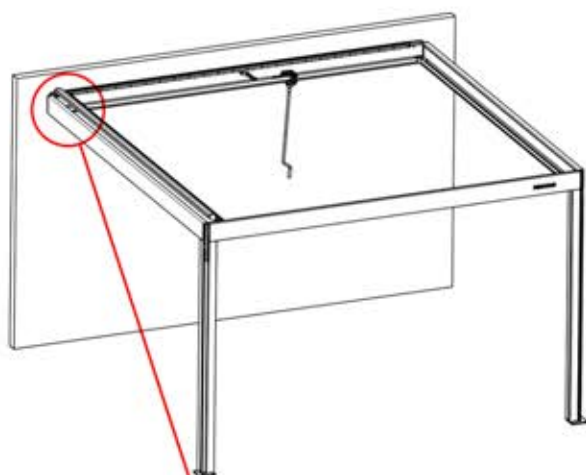
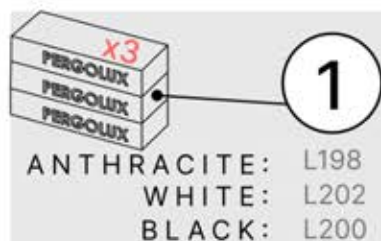
24x



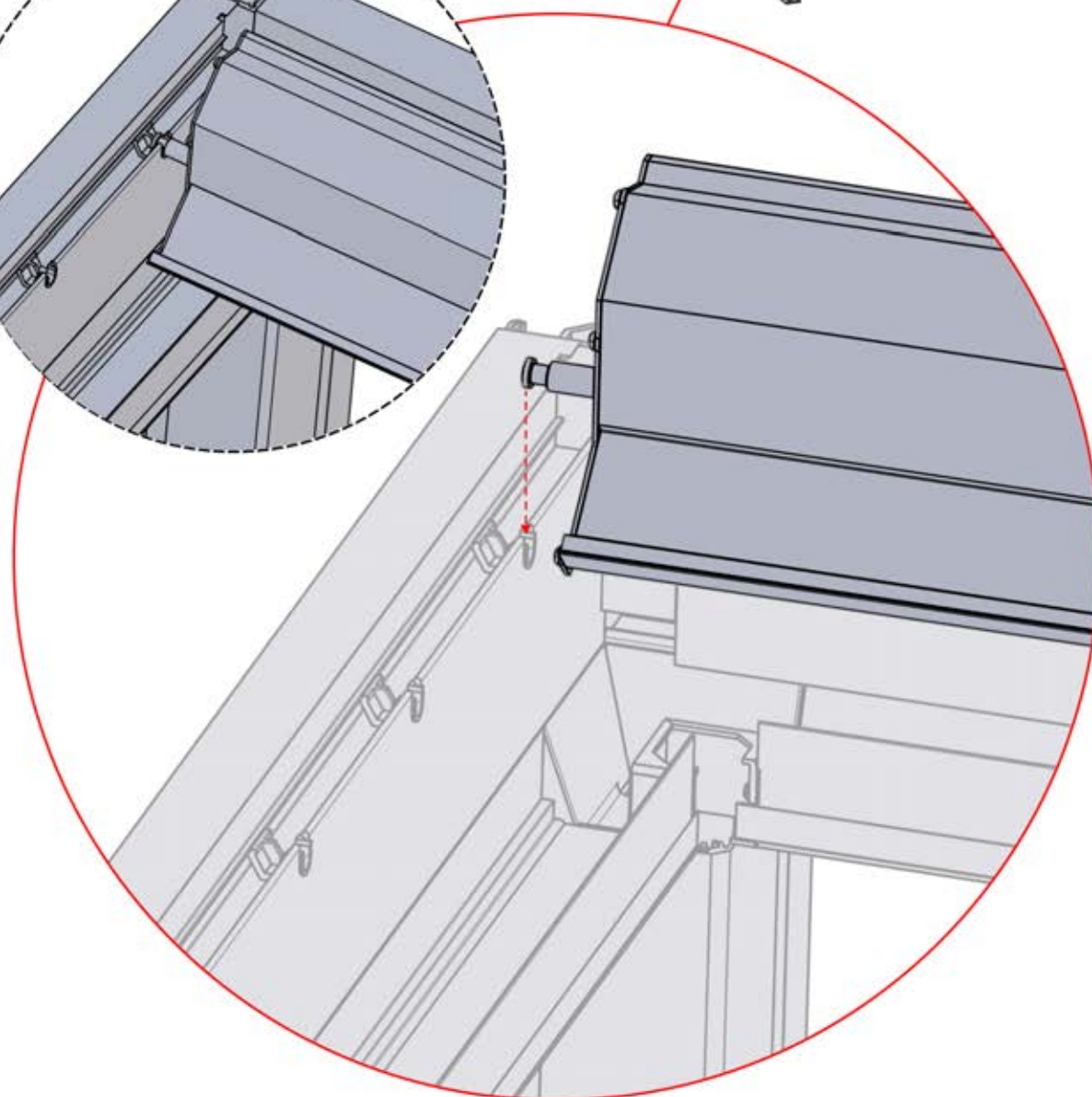
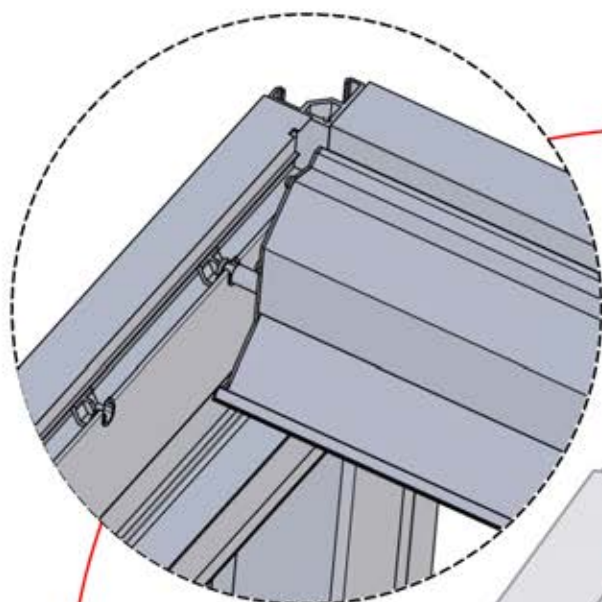
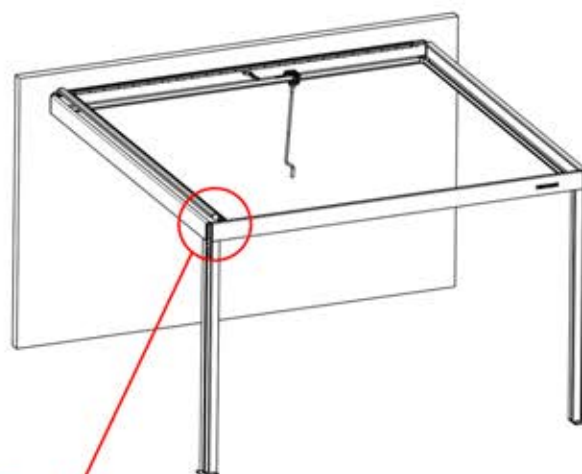
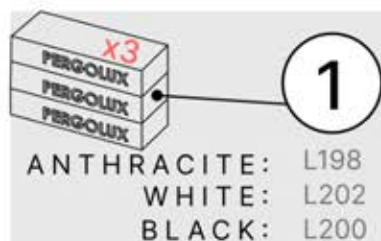
37



38



39



40



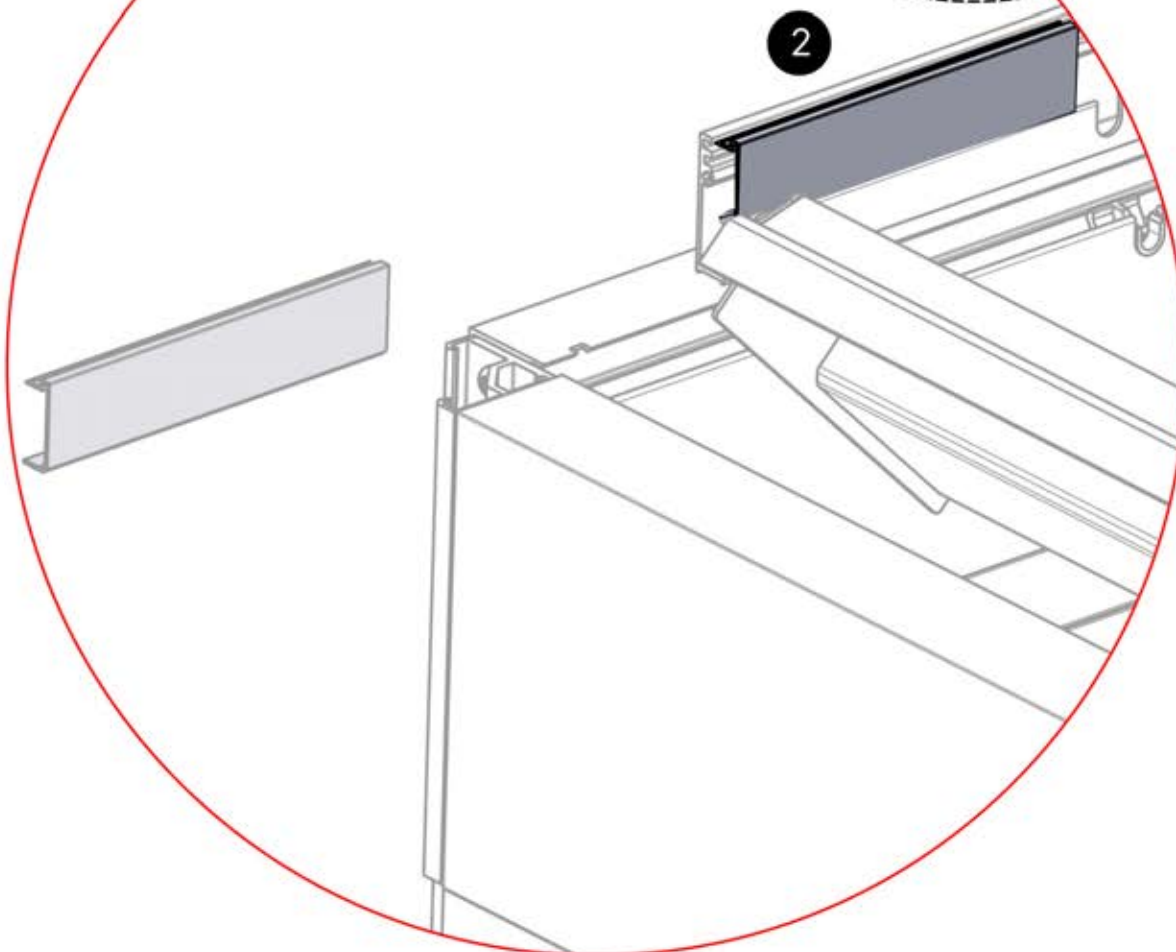
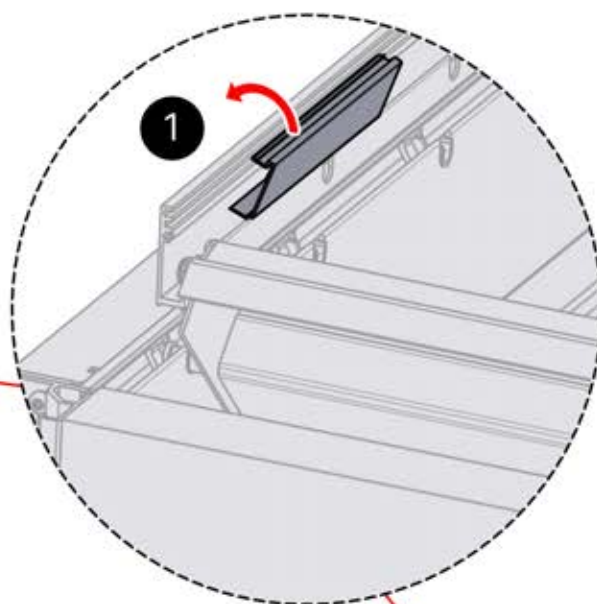
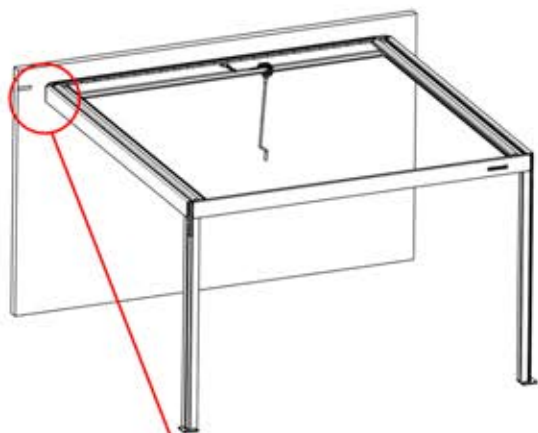
4

ANTHRACITE: B197
WHITE: B205
BLACK: B201

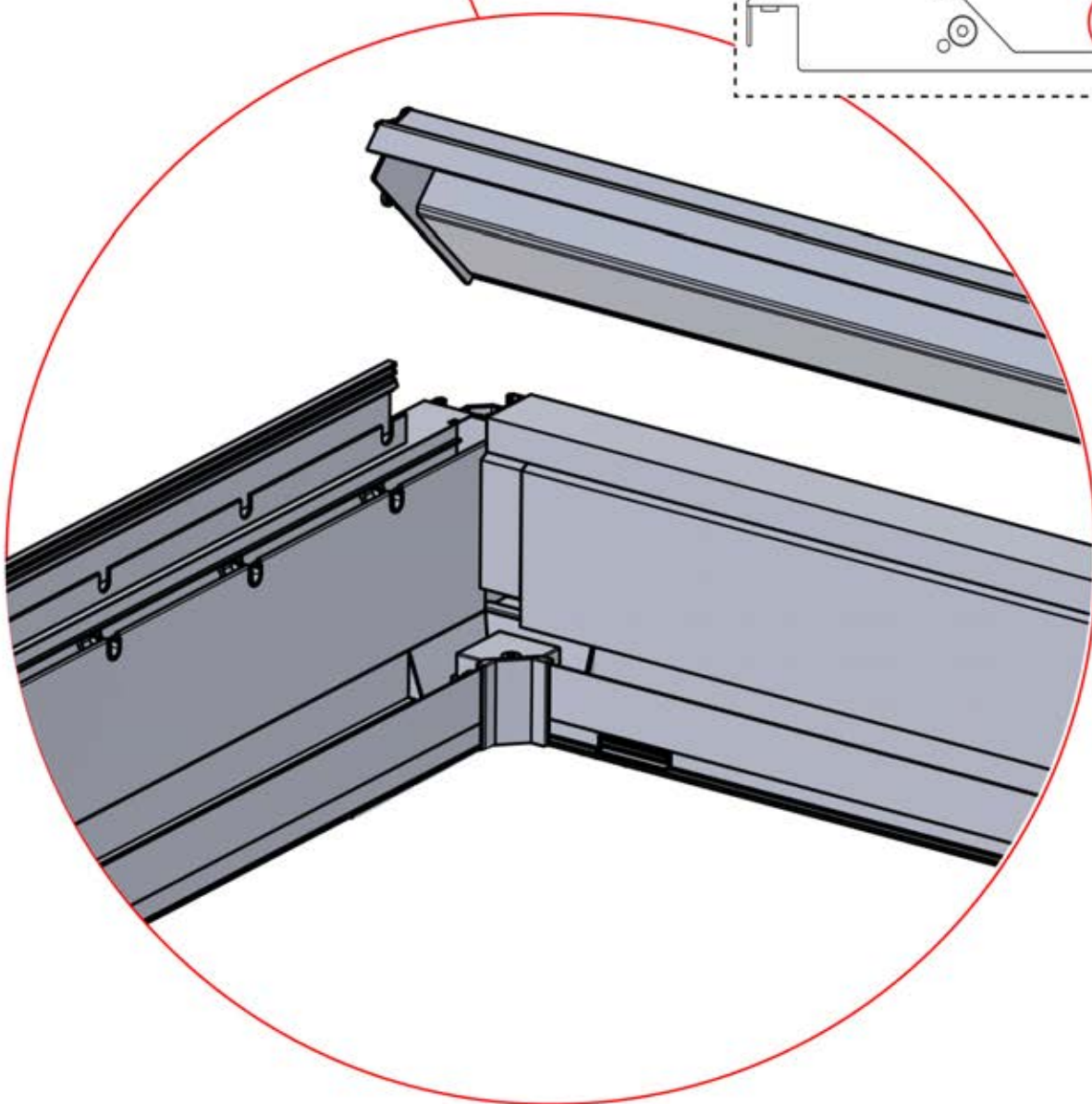
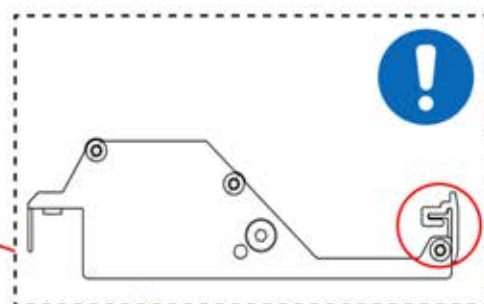
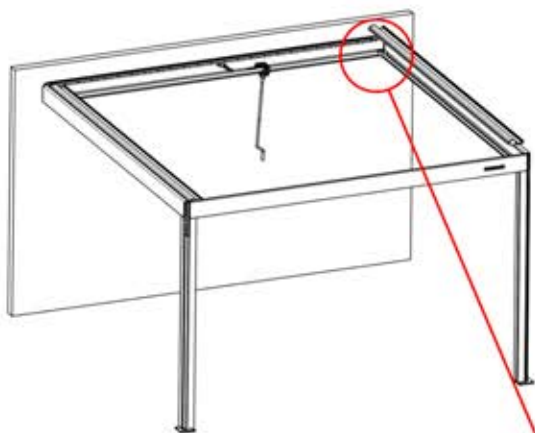
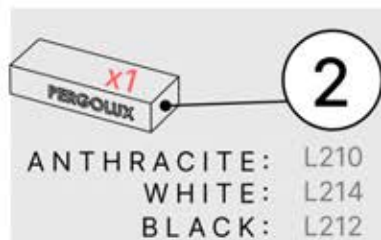


PN-200003033

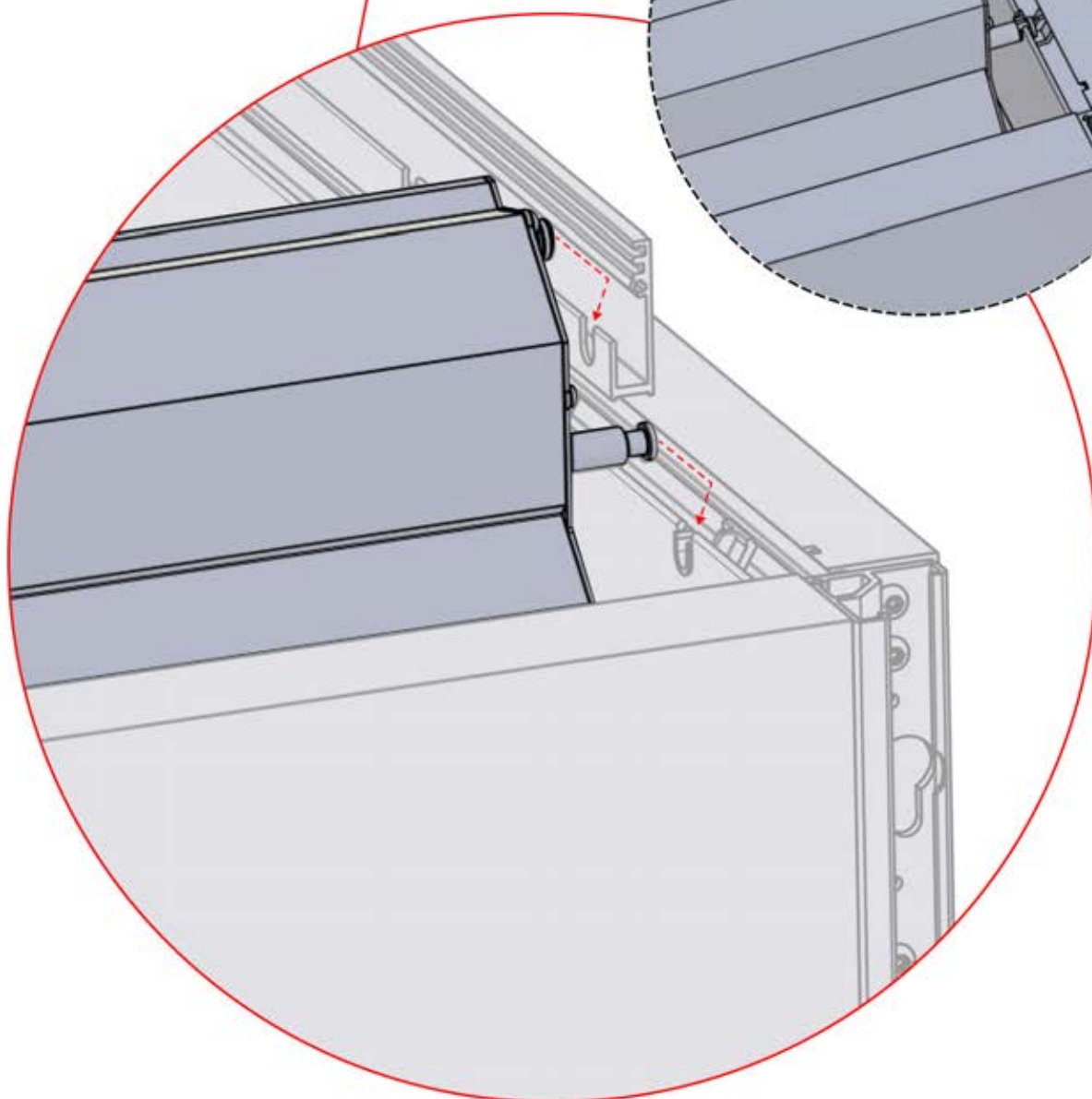
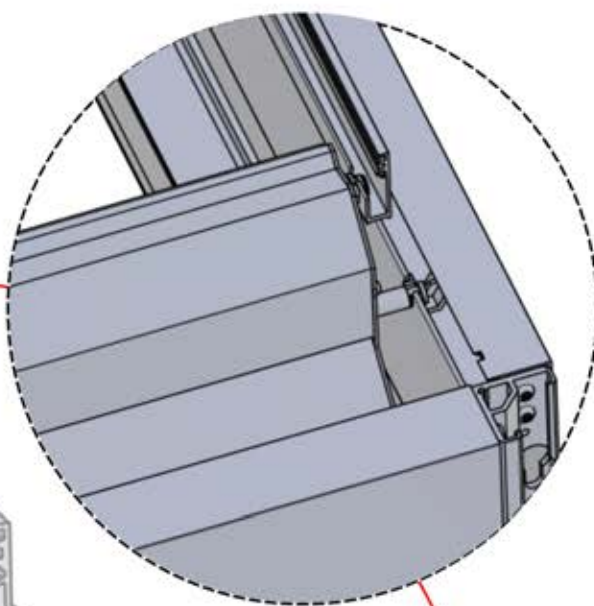
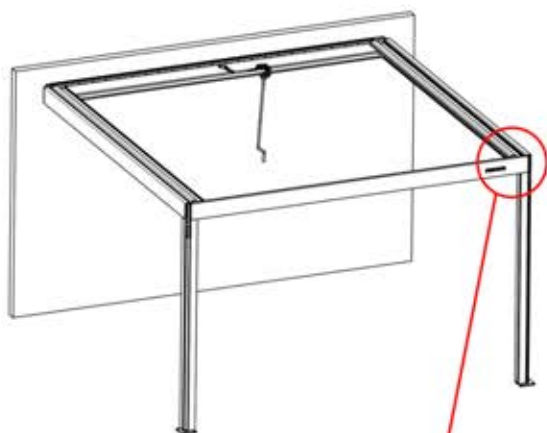
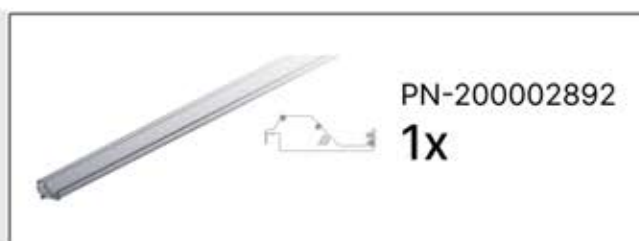
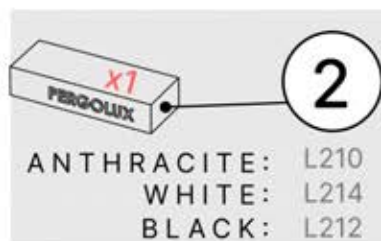
1x



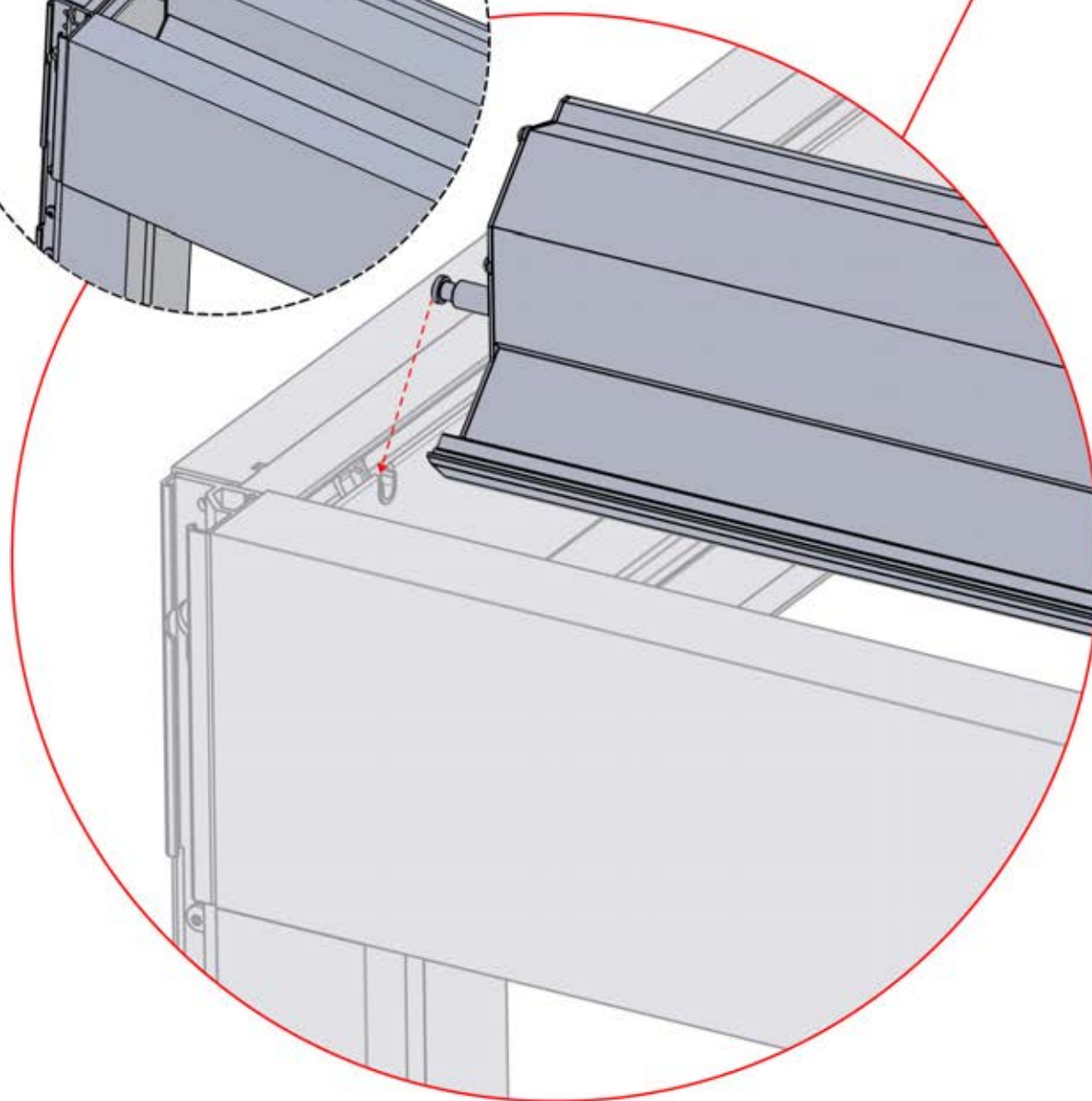
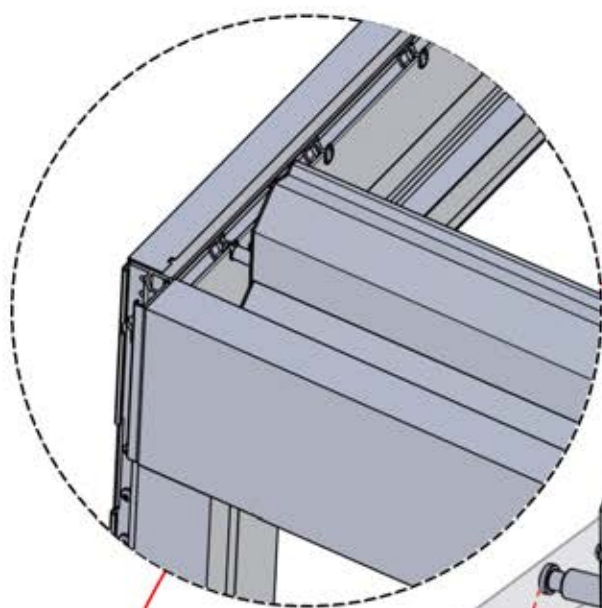
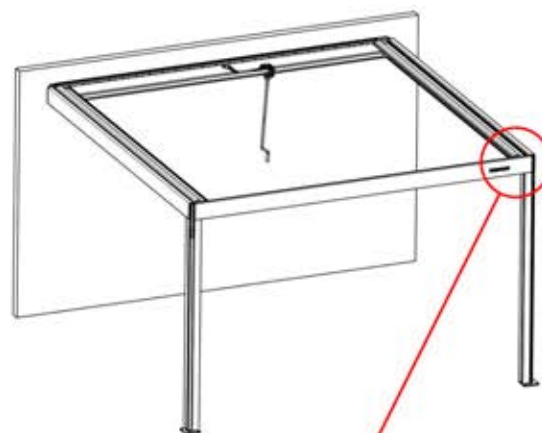
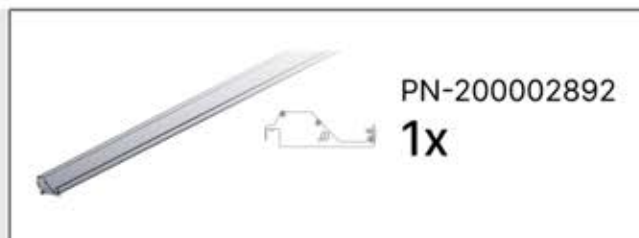
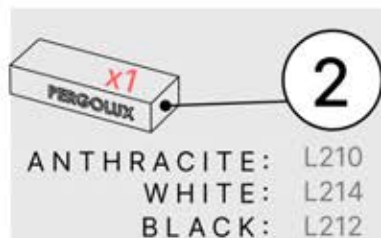
41



42



43



44



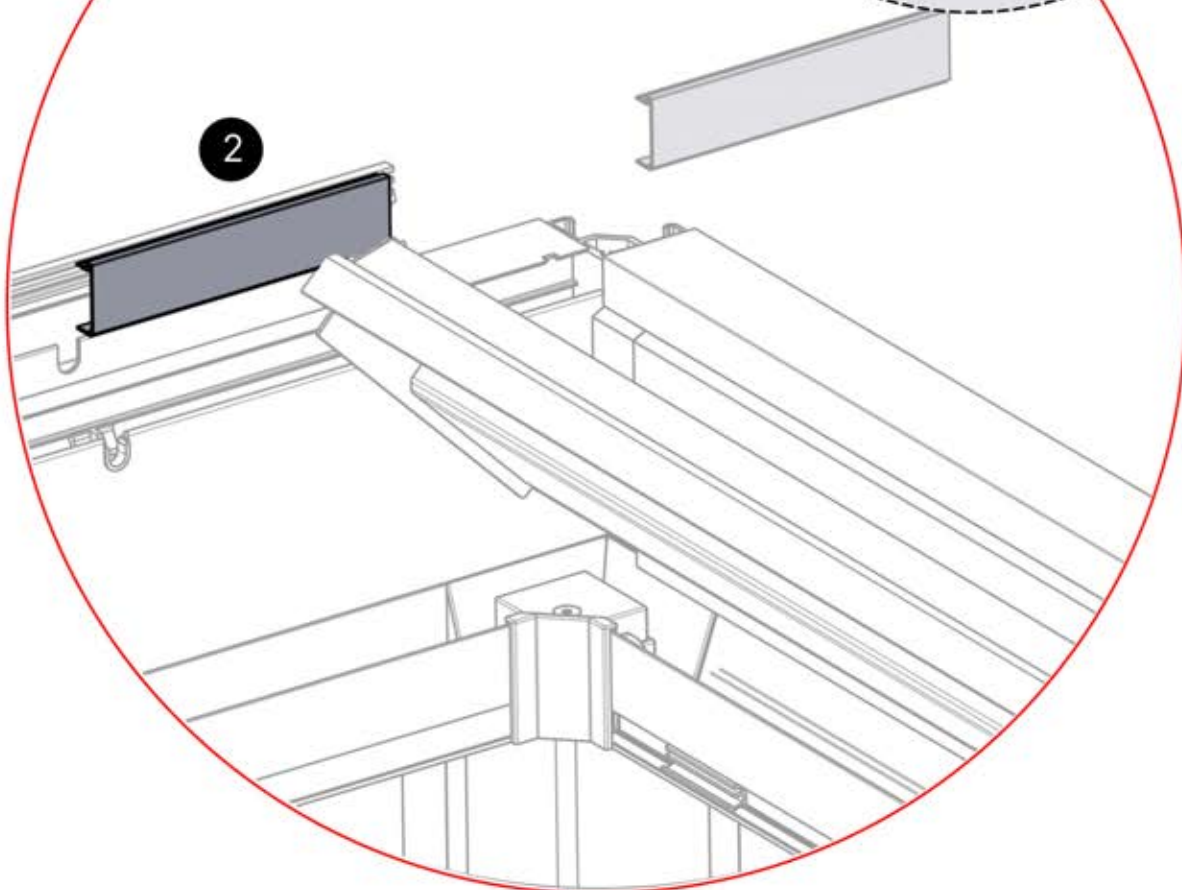
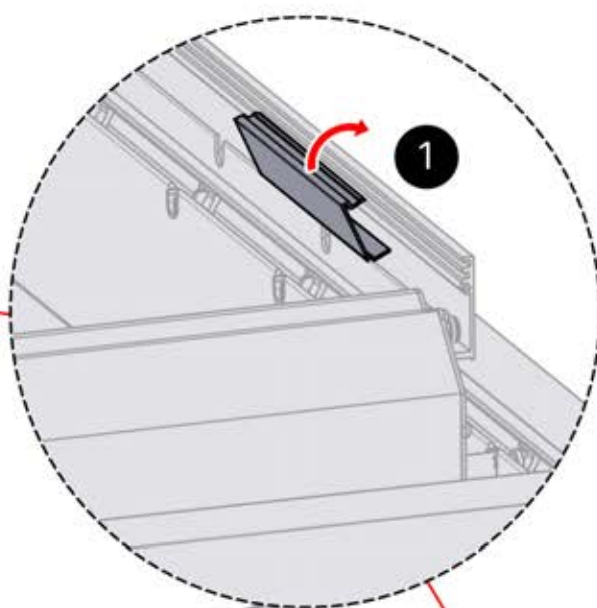
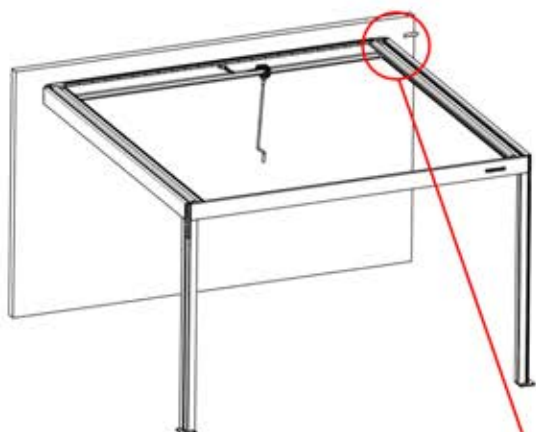
4

ANTHRACITE: B197
WHITE: B205
BLACK: B201



PN-200003033

1x



45



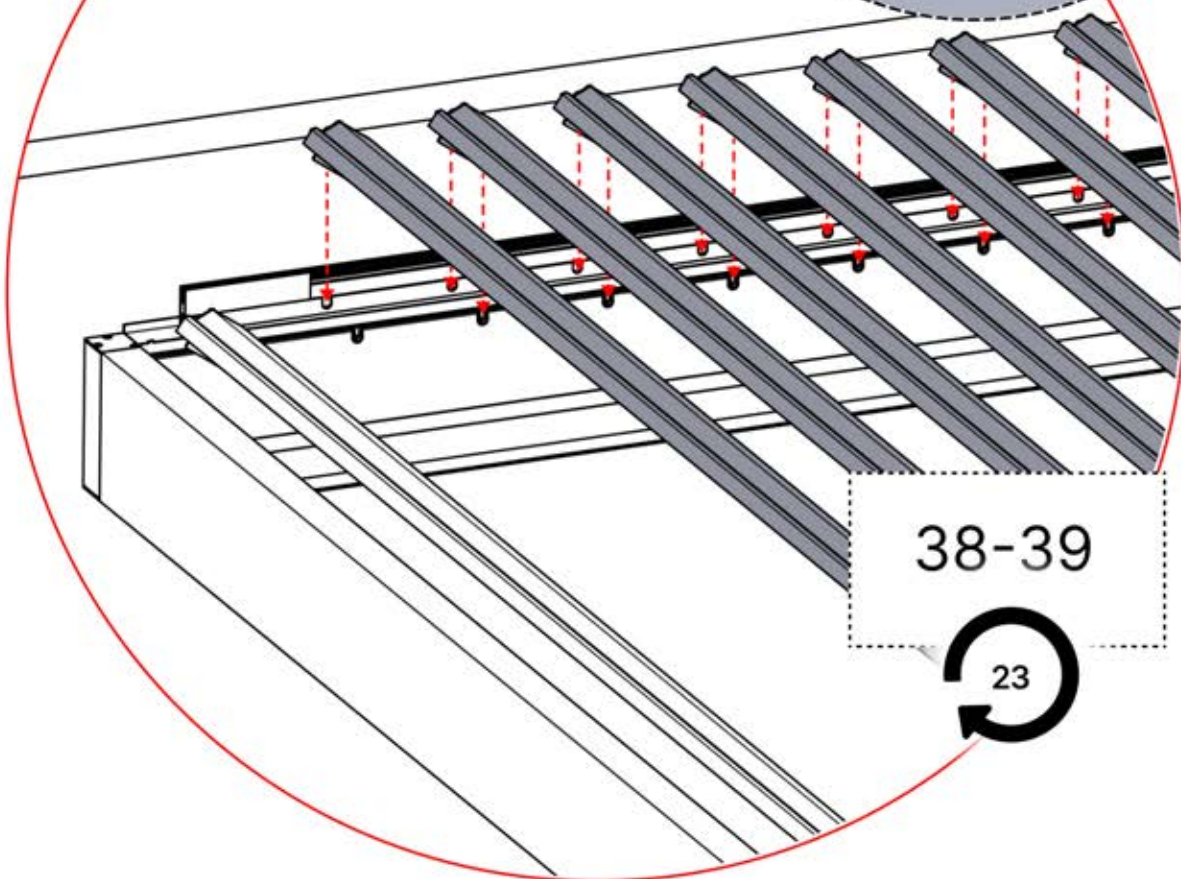
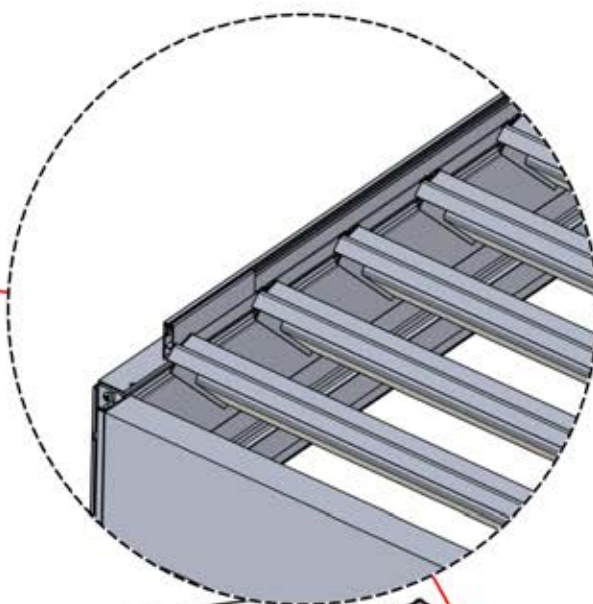
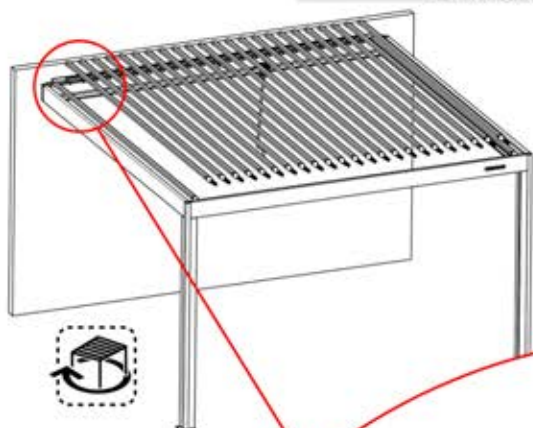
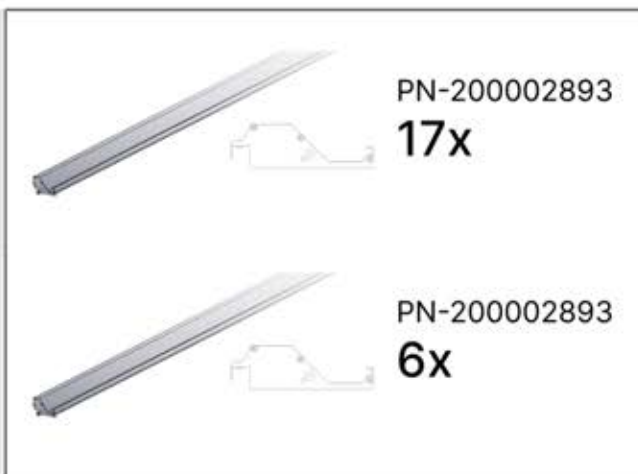
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ANTHRACITE: L198
WHITE: L202
BLACK: L200



2

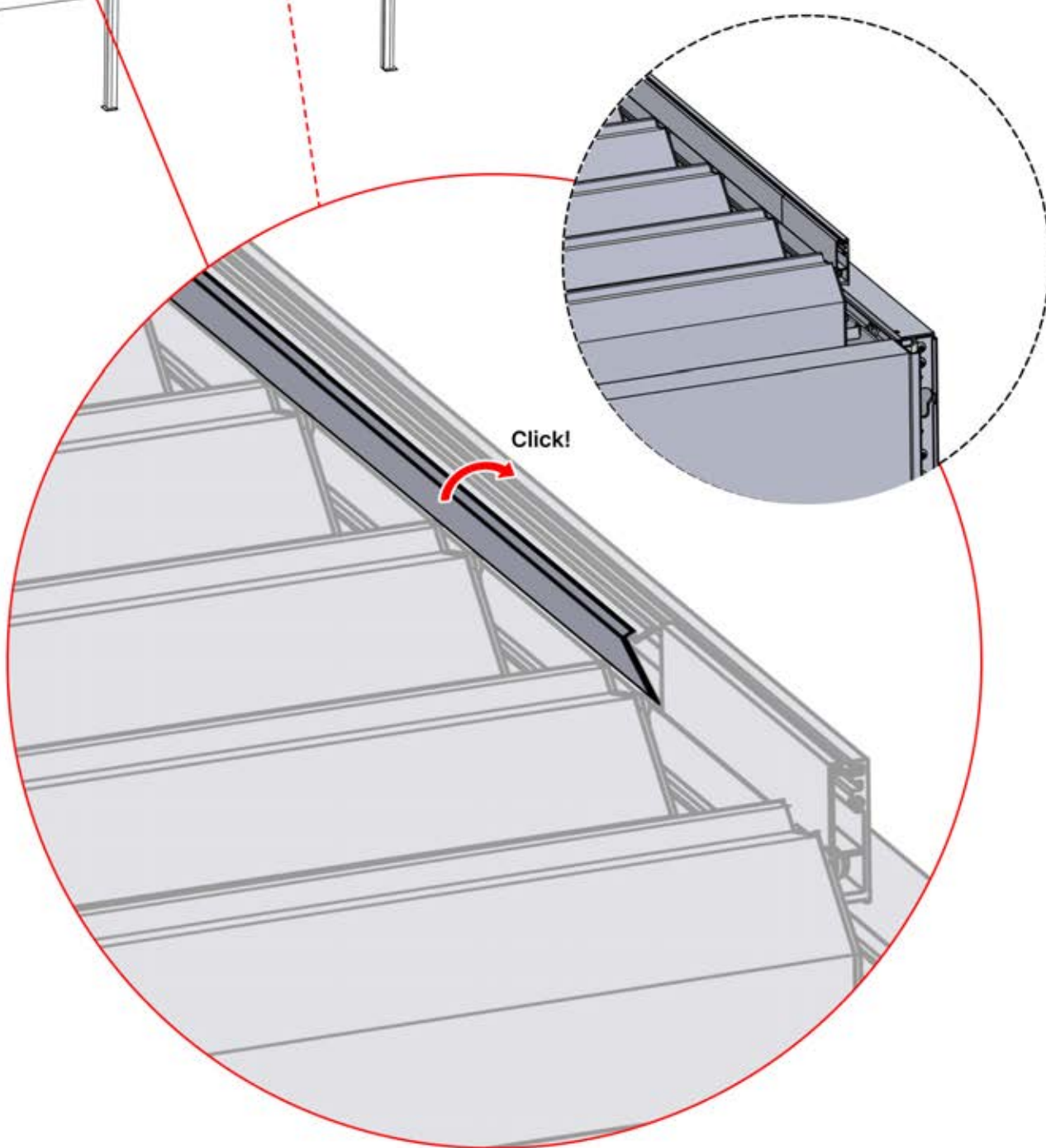
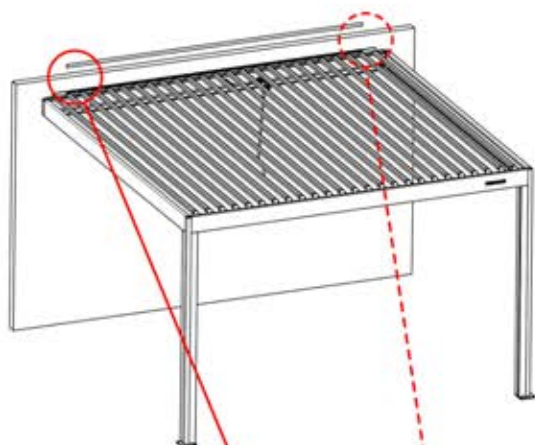
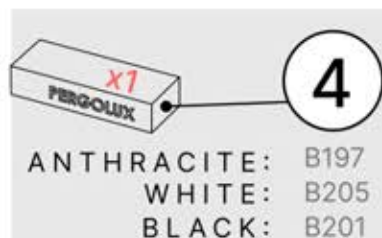
ANTHRACITE: L210
WHITE: L214
BLACK: L212



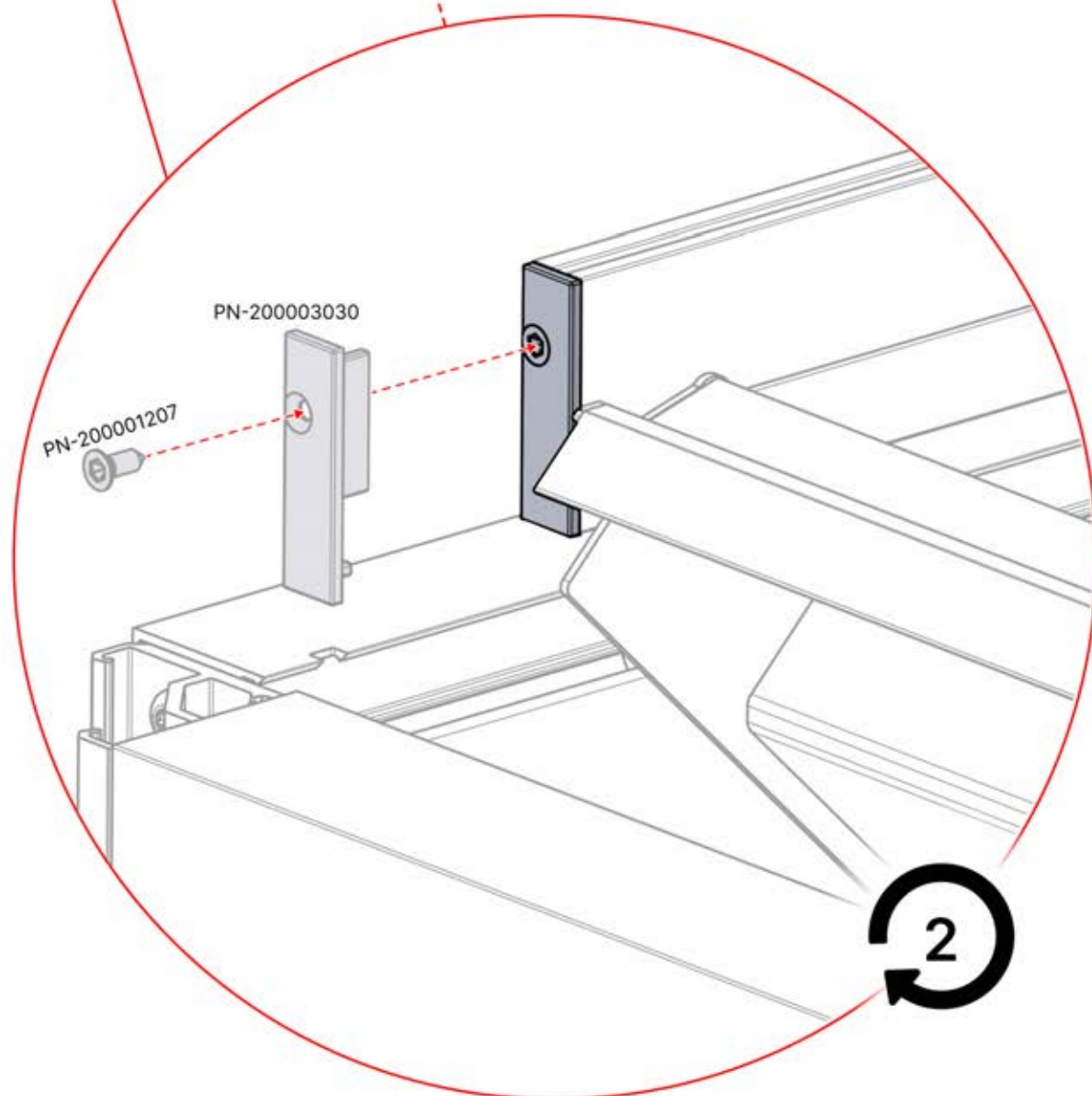
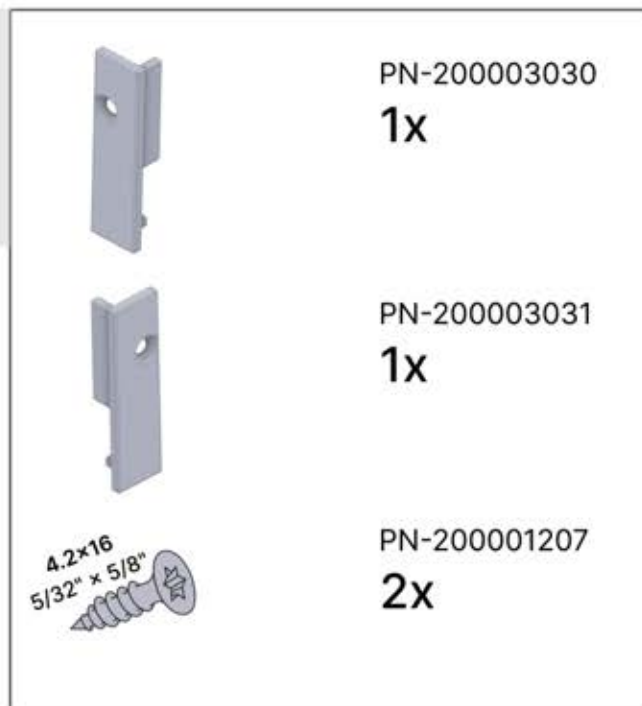
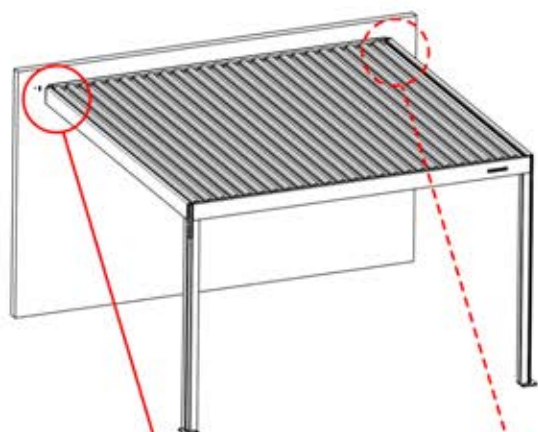
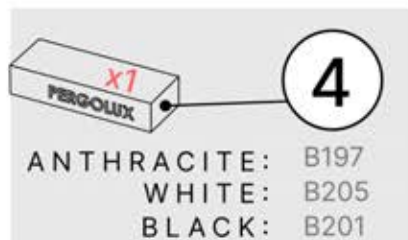
38-39



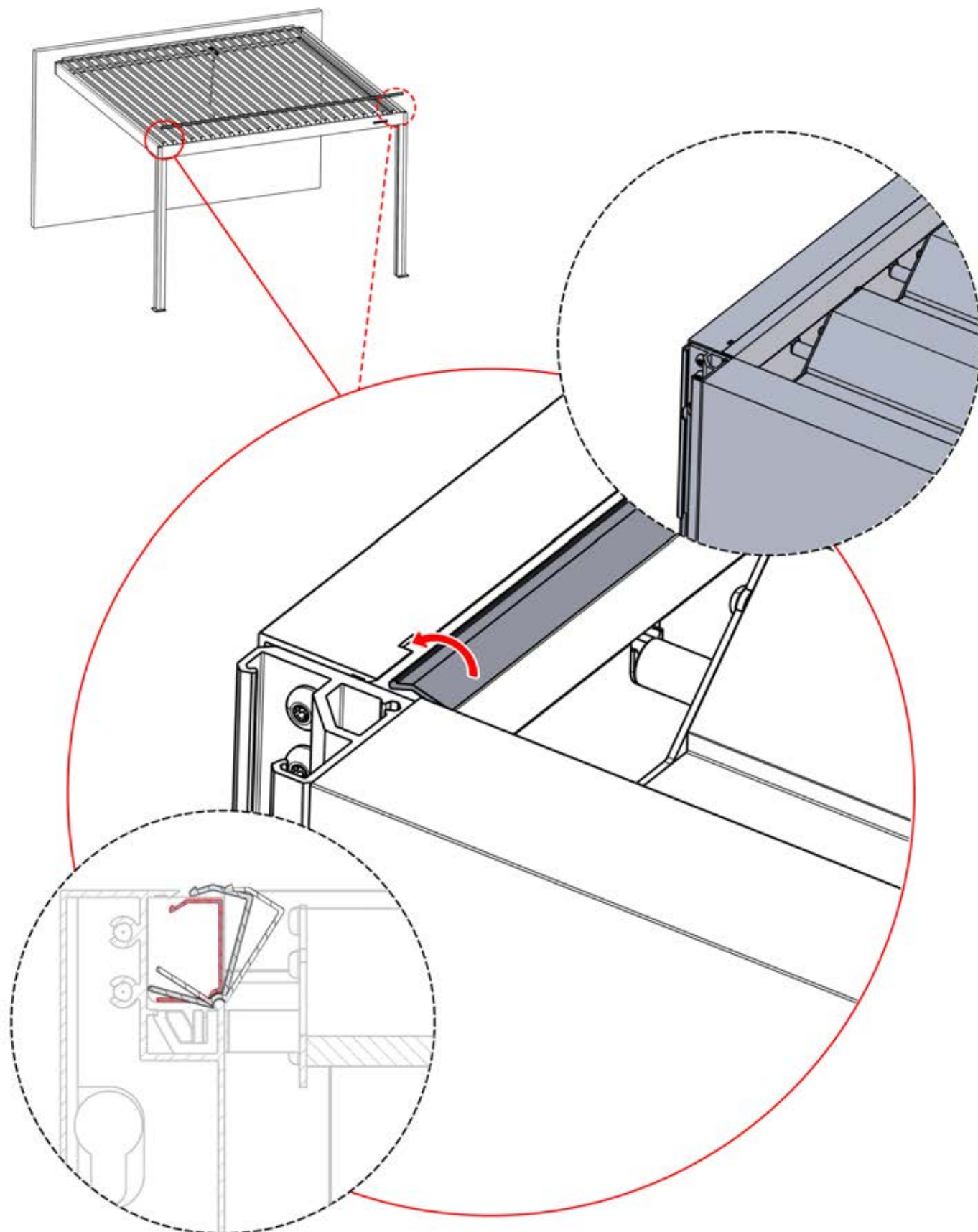
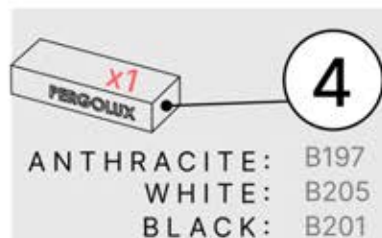
46



47



48



49



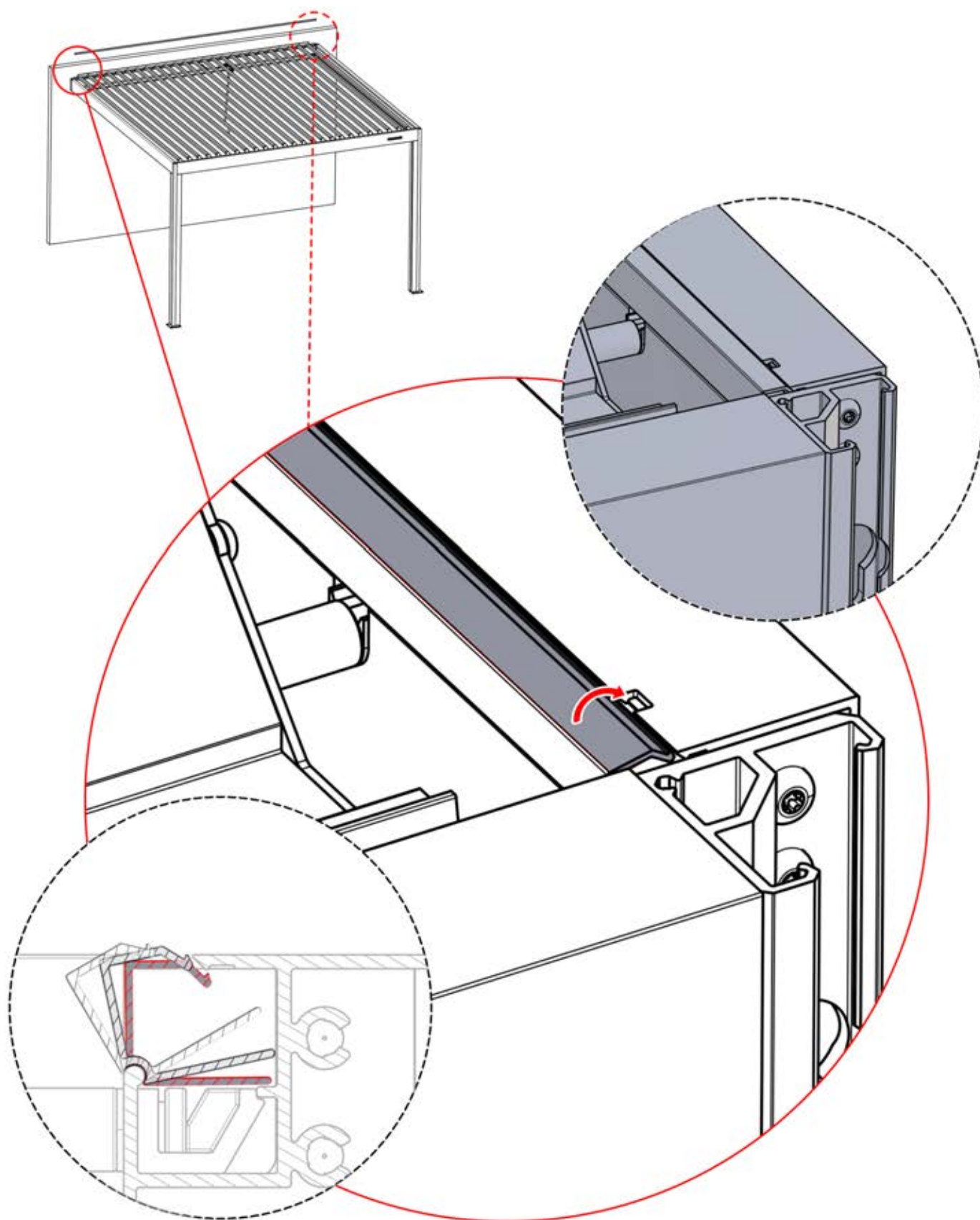
4

ANTHRACITE: B197
WHITE: B205
BLACK: B201



PN-200002623

1x



50



5

ANTHRACITE: C120
 WHITE: C122
 BLACK: C121



4

ANTHRACITE: B197
 WHITE: B205
 BLACK: B201



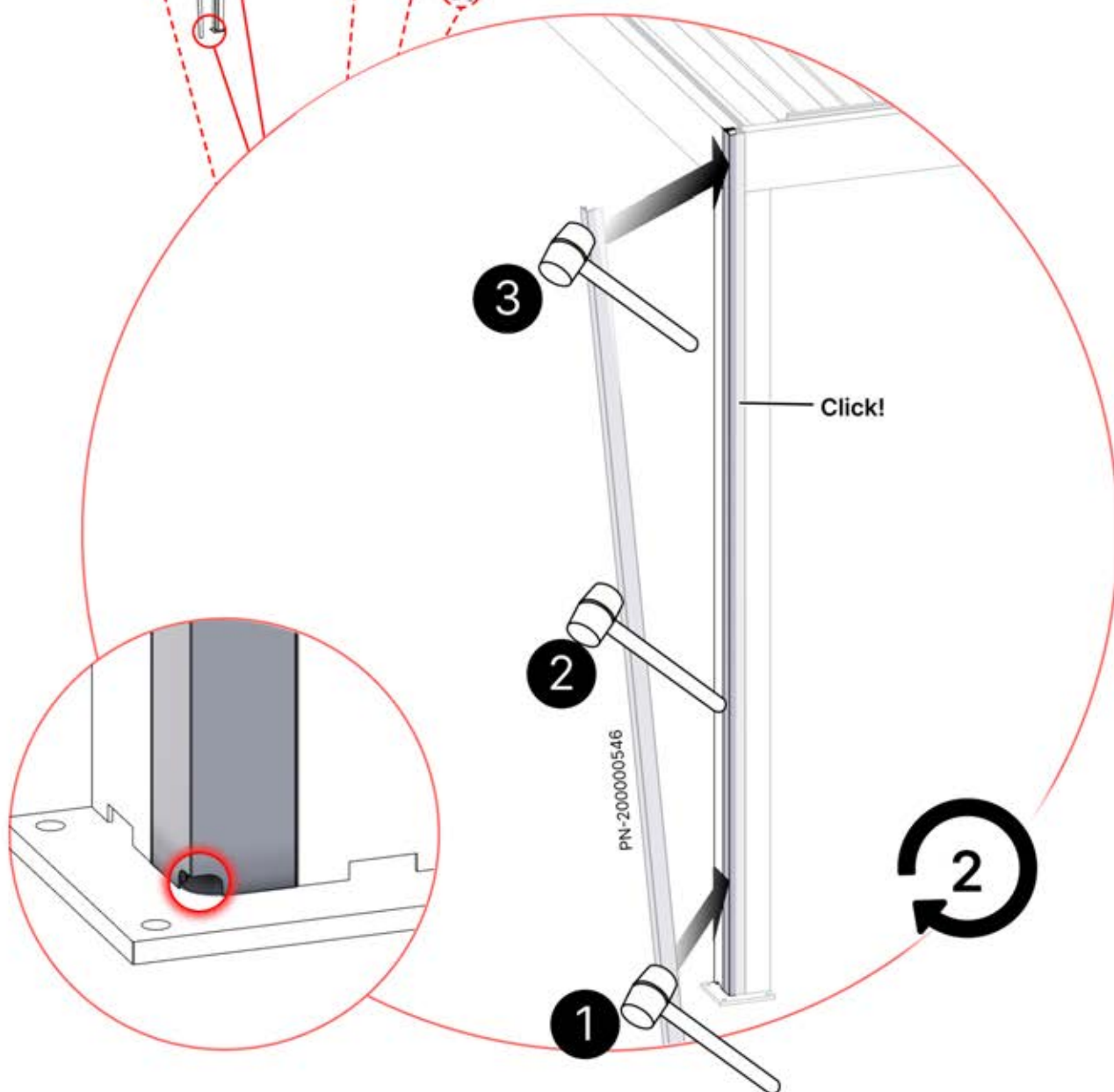
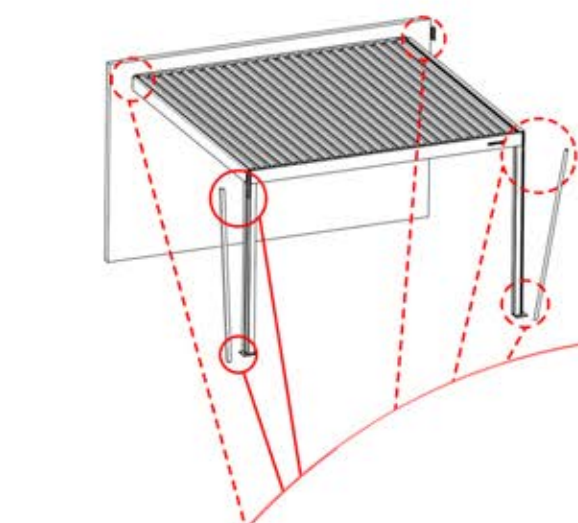
PN-200003386
2x



PN-200003324
2x







51



4

ANTHRACITE: B197
WHITE: B205
BLACK: B201



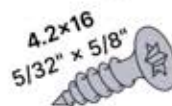
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4x



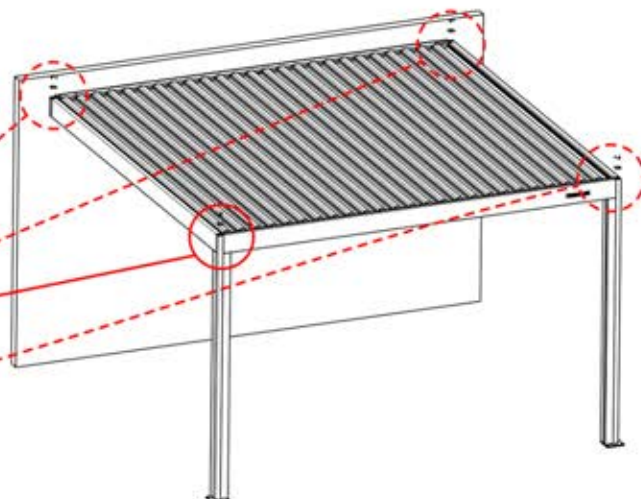
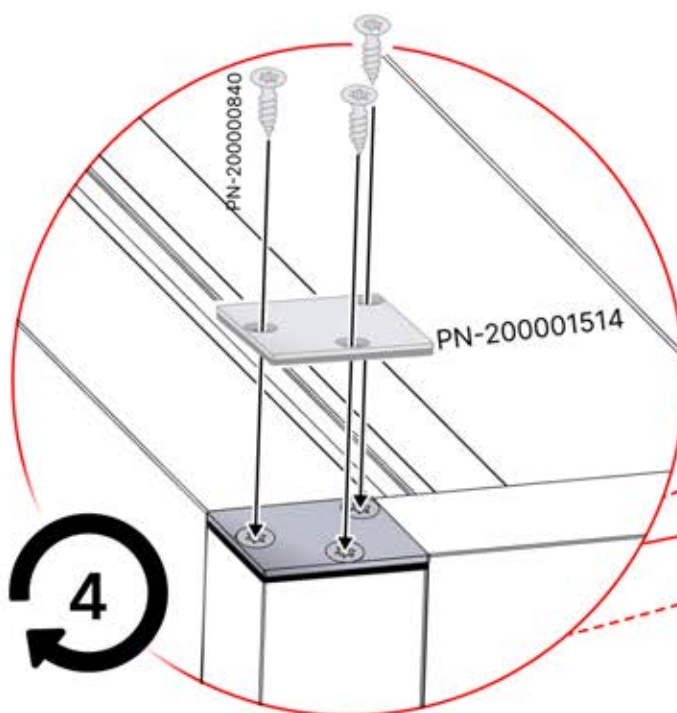
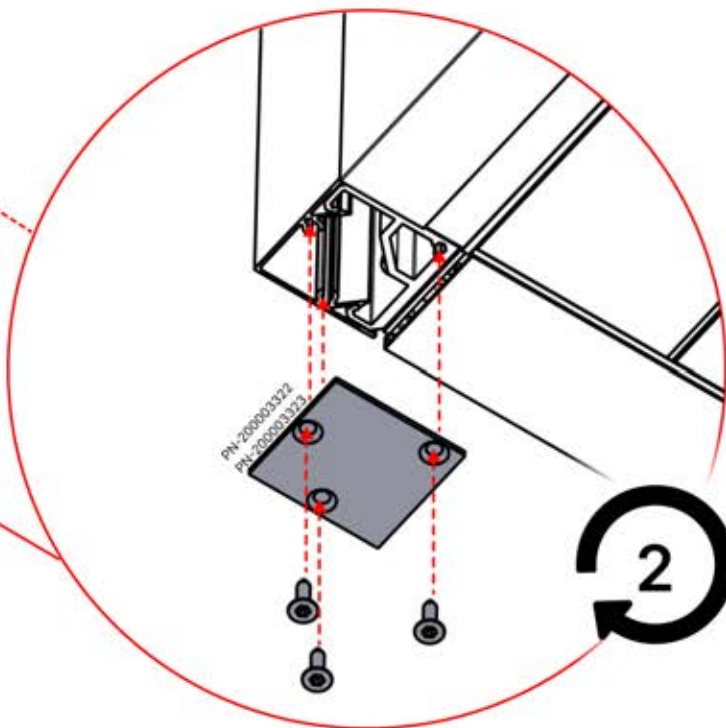
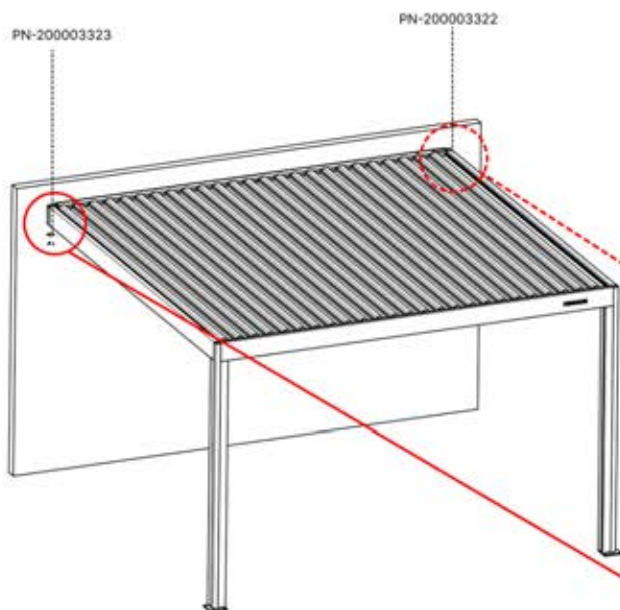
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1x



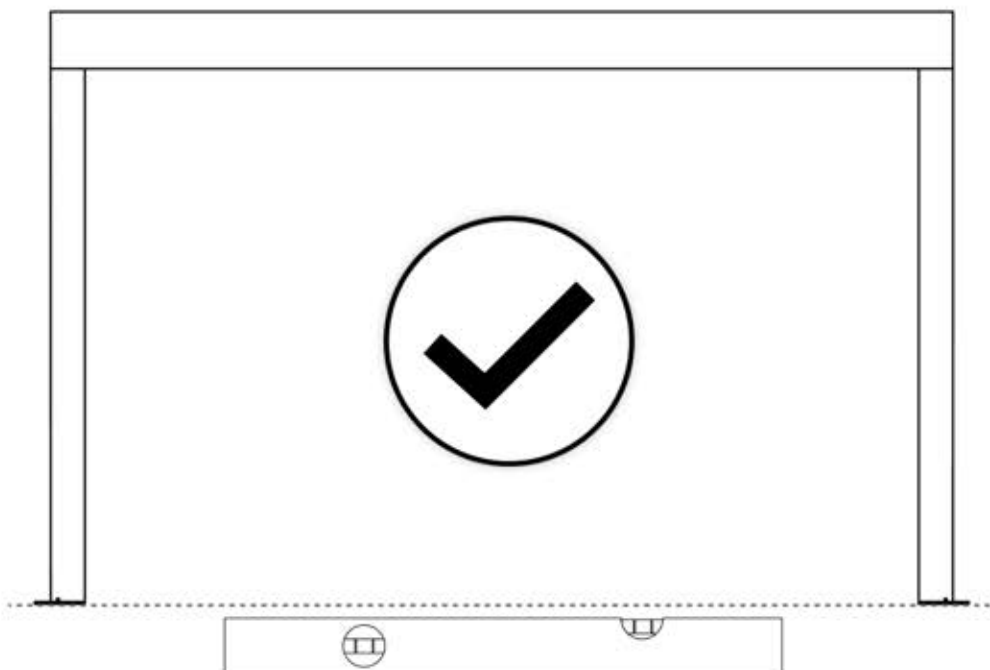
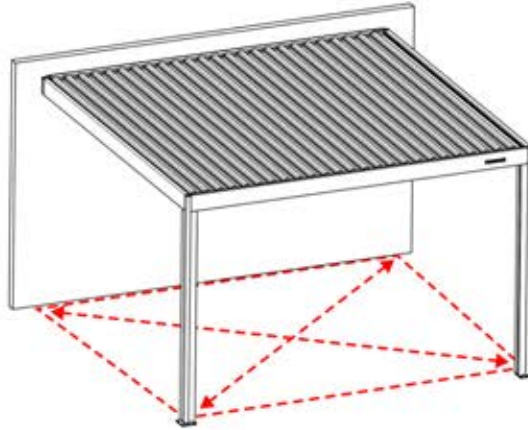
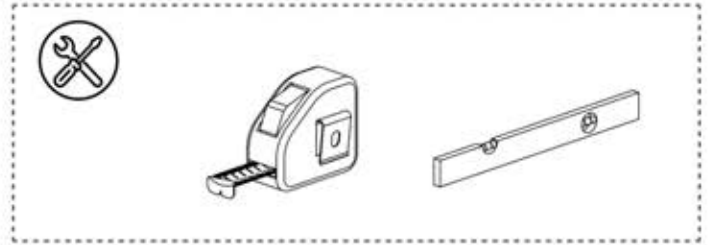
PN-200003323
1x



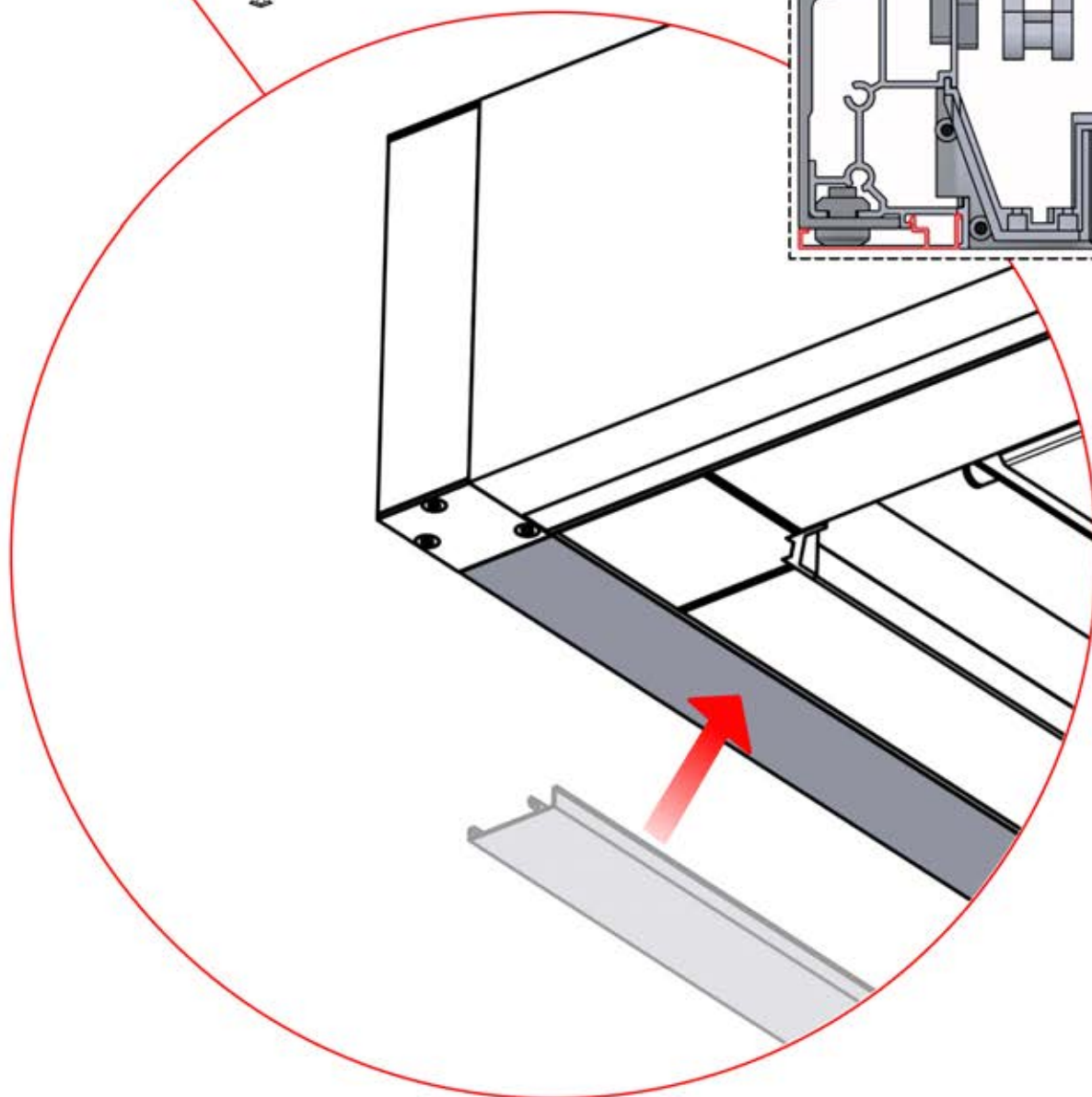
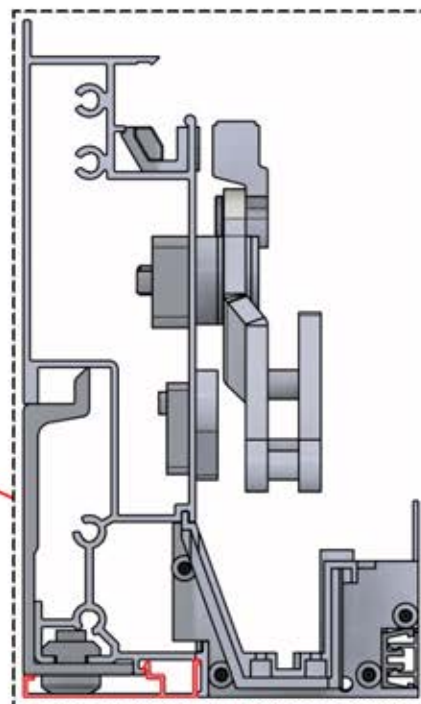
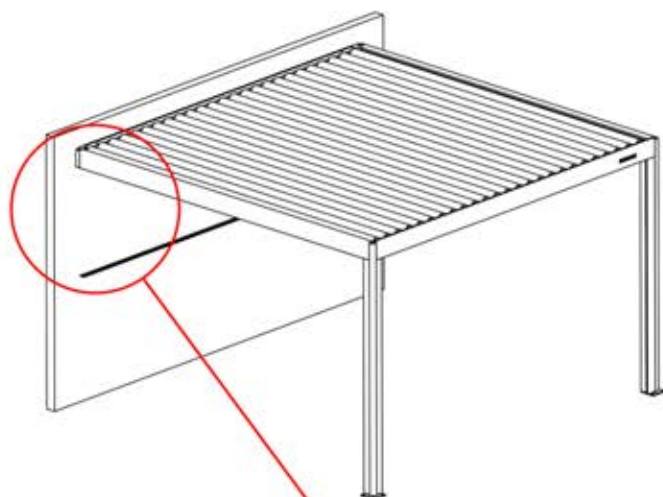
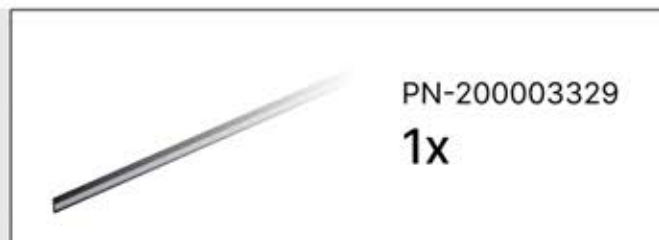
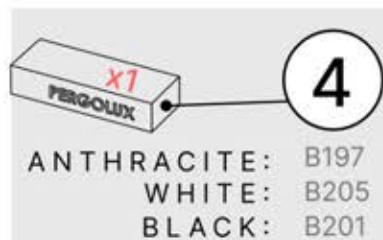
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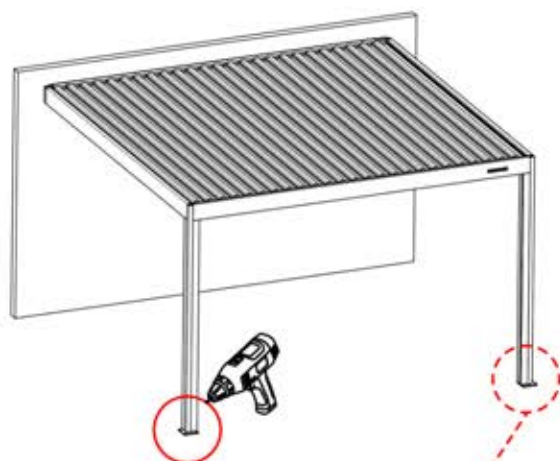
52



53



54





Use on concrete



x6



Use on wood



x6







PERGOLUX | PERGOLA WALLMOUNTED S4

4 × 4 m / 13' x 13'



Type Approved
Regular
Production
Surveillance

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