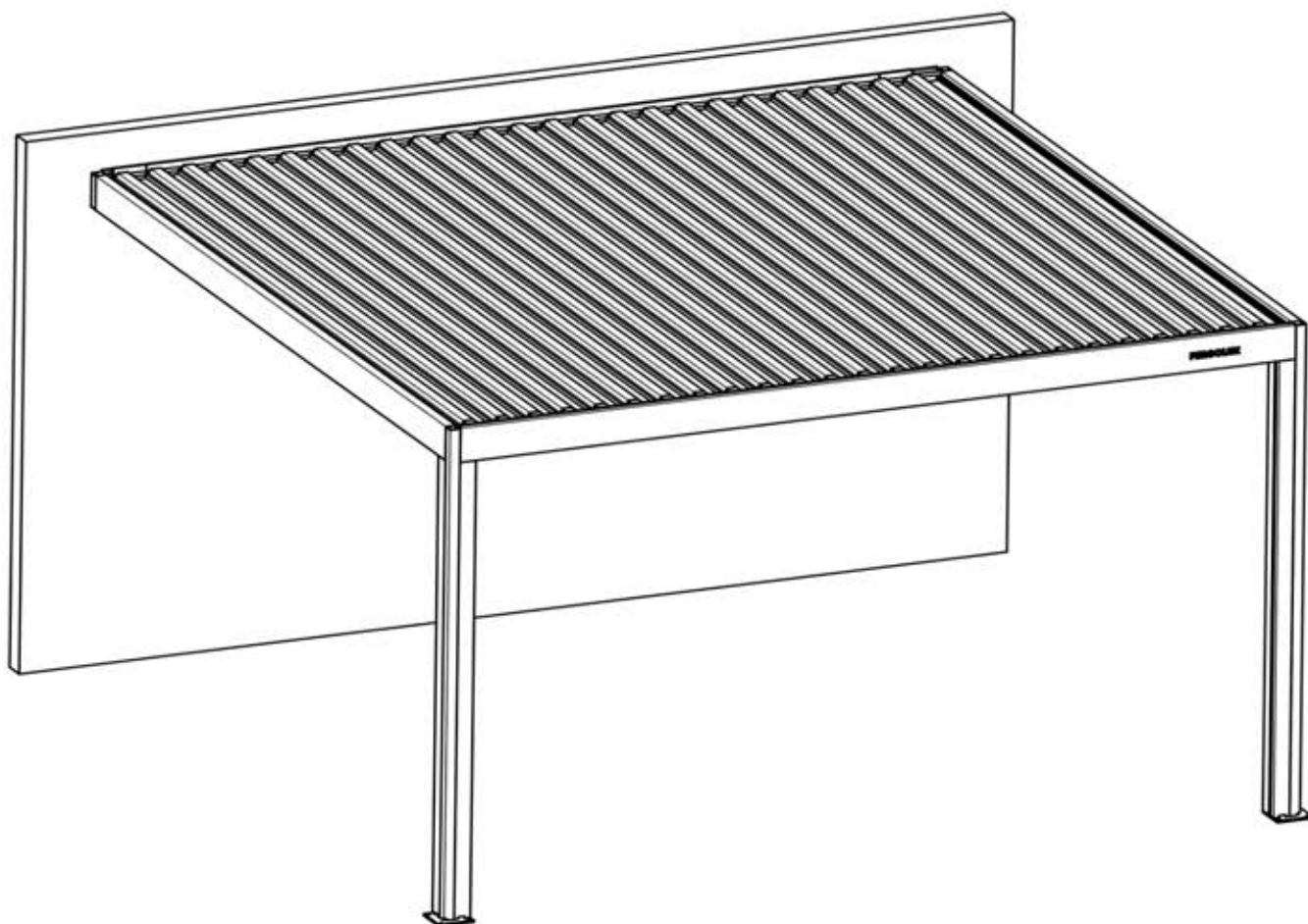


S4

PERGOLA



4×5m/13'x16'
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

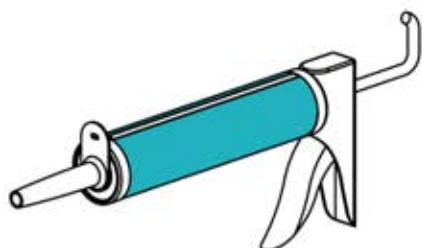


Motor

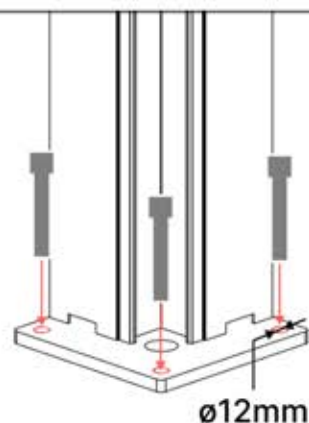


Turn around

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.



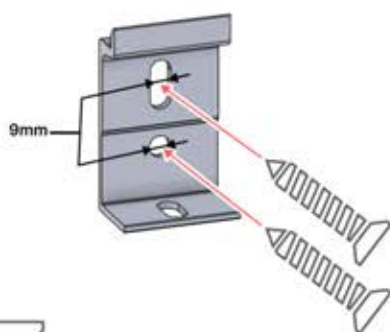
Use on
concrete



Use on
wood



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



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

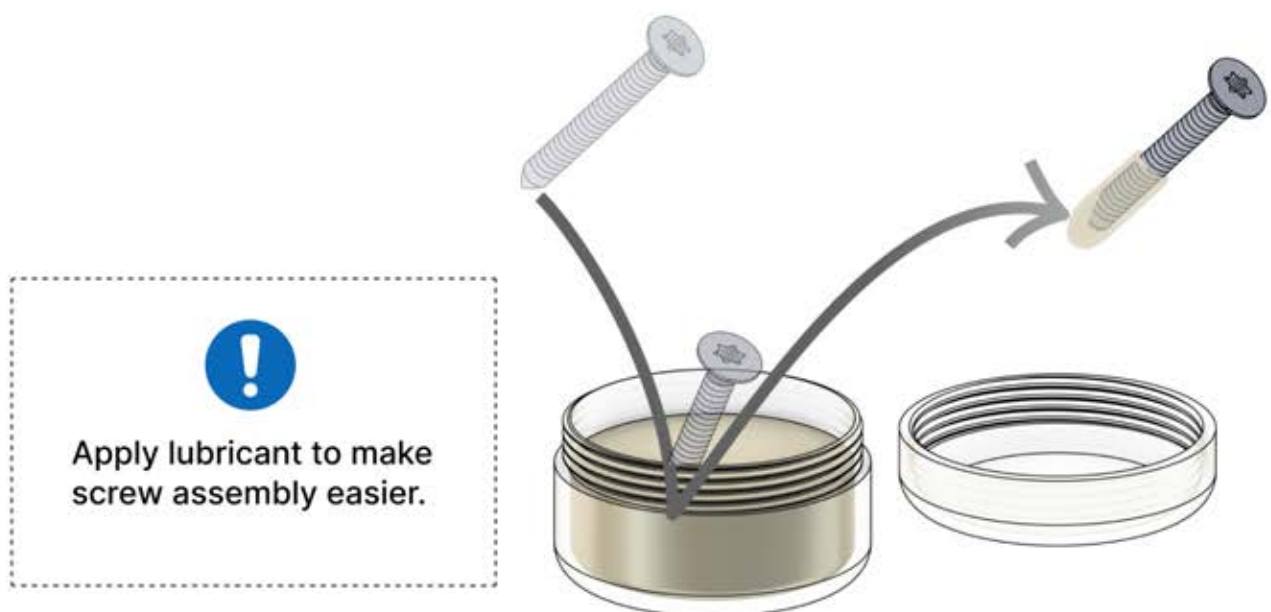


PERGOLUX

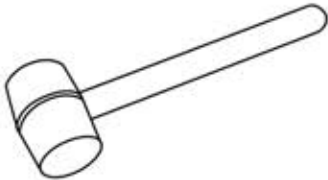
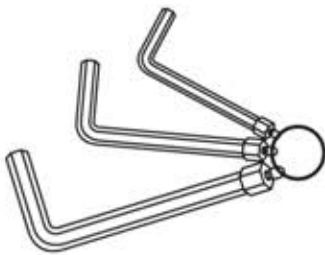
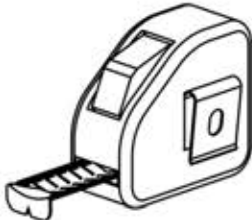
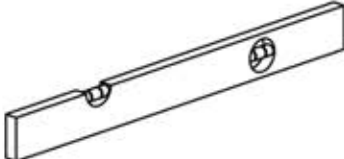
INFORMATION

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

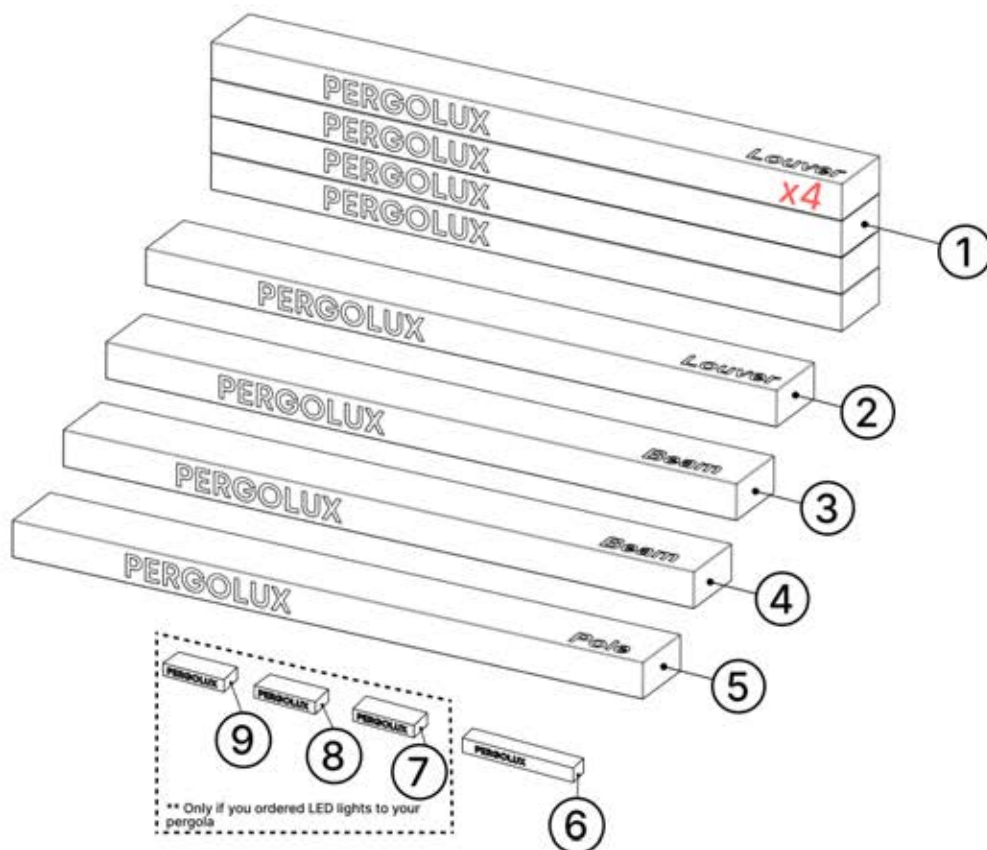
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
- **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	B198	B206	B202
⑤	C120	C122	C121
⑥	MANUAL MOTOR	MANUAL MOTOR	MANUAL MOTOR

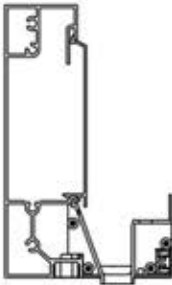
** Only if you ordered LED lights to your pergola

⑦	CONTROL BOX
⑧	POWER CABLE
⑨	LED BOX

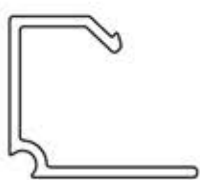
ITEMS IN BOX

PERGOLUX PERGOLUX PERGOLUX PERGOLUX Lower X4 1 ANTHRACITE WHITE BLACK L198 L202 L200			
PN-200002893 24x			
PERGOLUX Lower 2 ANTHRACITE WHITE BLACK 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

 PERGOLUX Beam		ANTHRACITE WHITE BLACK		
4		B198	B206	B202
		PN-200002993 1x		
		PN-200003331 1x		
		PN-200002974 1x		
		PN-200002861 1x		
		PN-200002973 1x		

ITEMS IN BOX



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

	ANTHRACITE	WHITE	BLACK
	B198	B206	B202
4			
		PN-200002972	1x
		PN-200003332	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-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

B198

B206

B202



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

4

B198

B206

B202



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

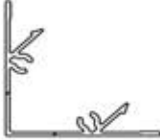
2x



PN-200001340

1x

ITEMS IN BOX

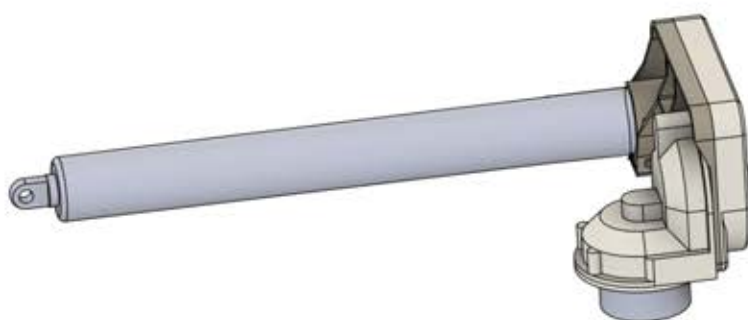
	ANTHRACITE WHITE BLACK		
	5	C120	C122 C121
  			
PN-200002606			2x
PN-200003386			2x
PN-200002614			2x

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.

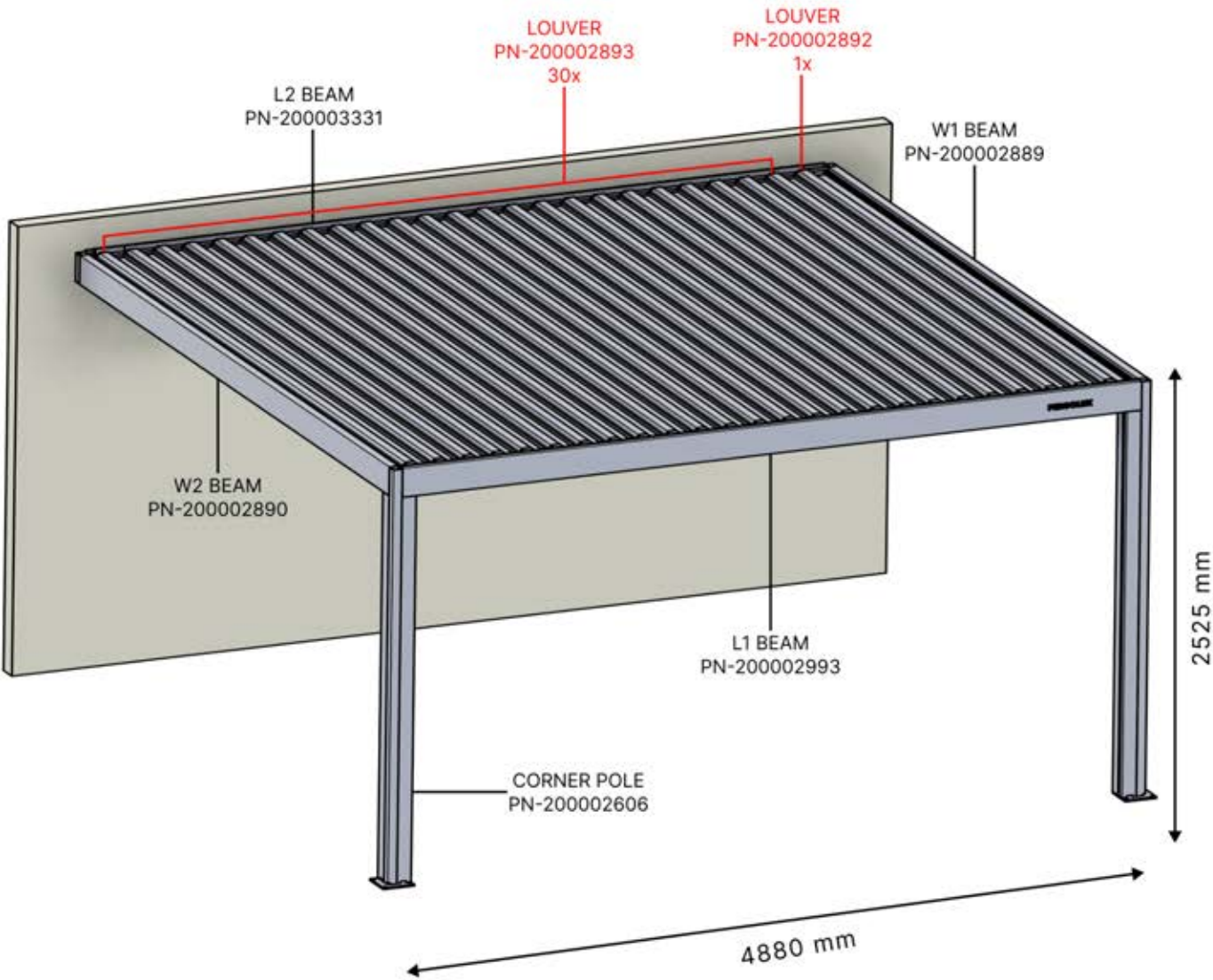
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



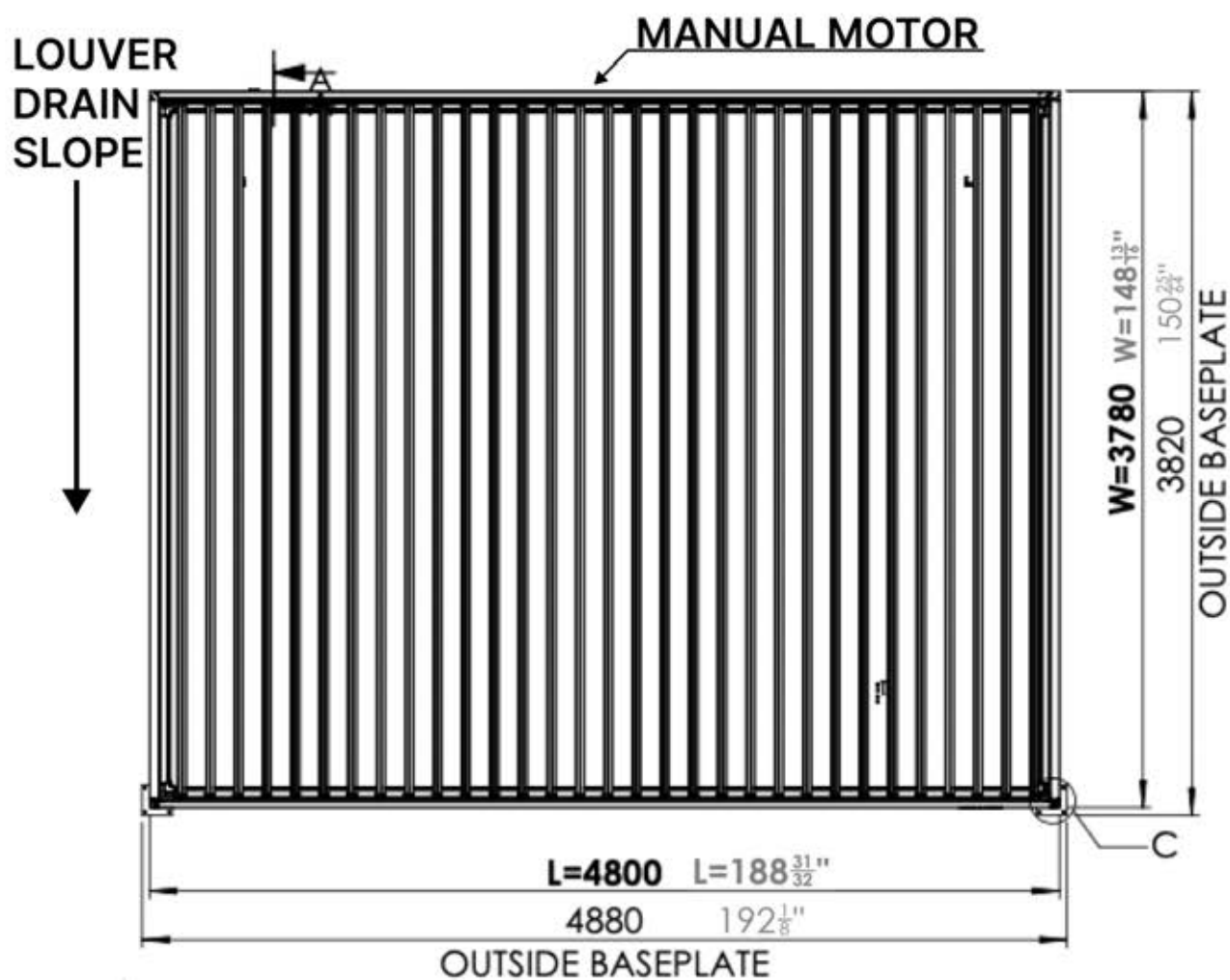
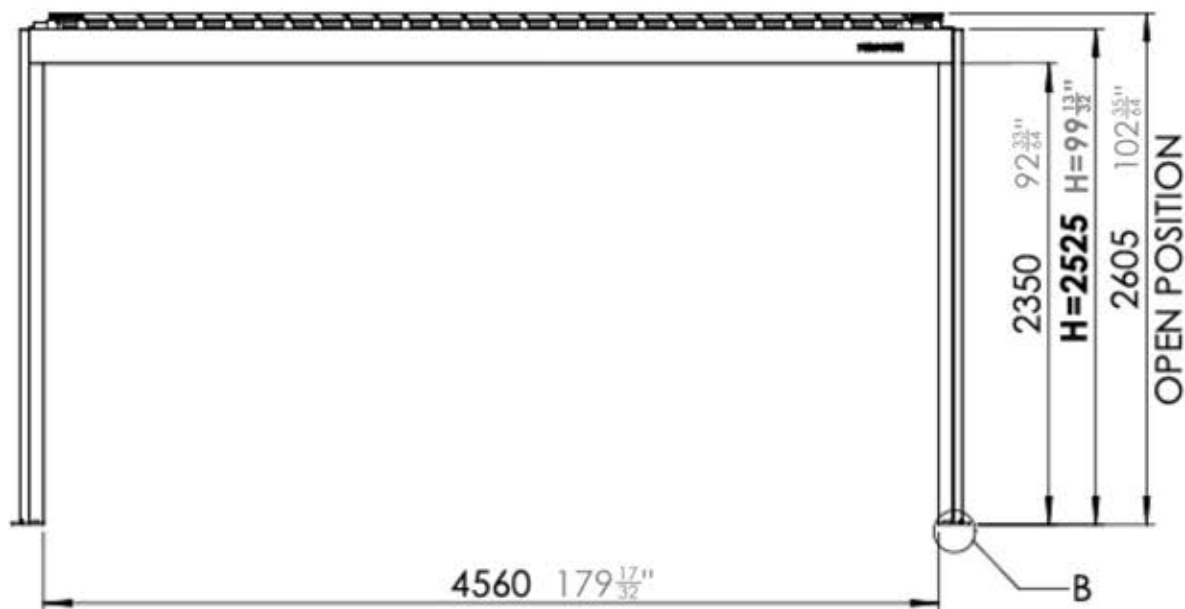
CONTROL BOX

[View Manual](#)

4 × 5 M / 13'x16'



4 × 5 M / 13'x16'



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.

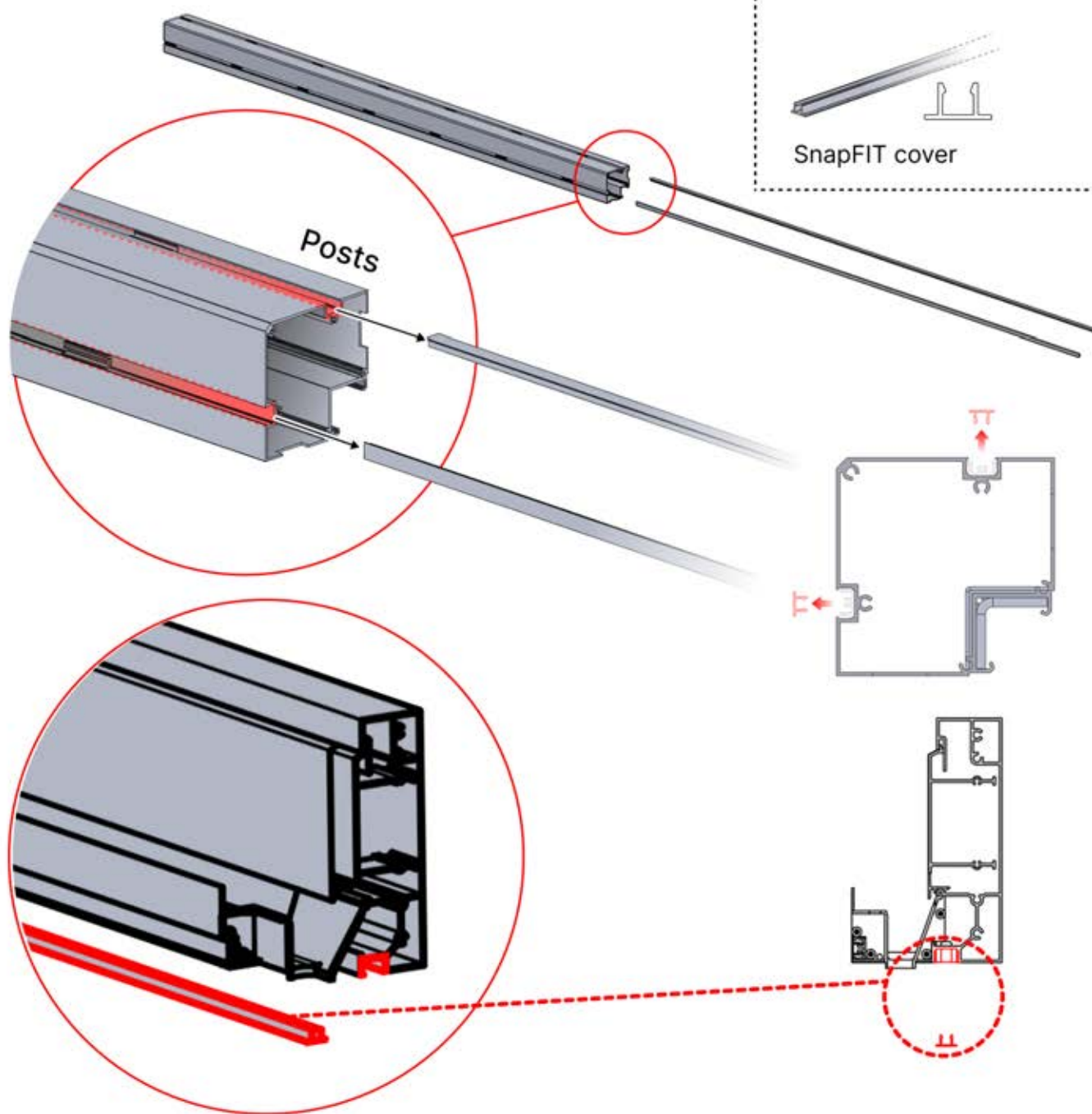
Cover and clips



PN-200000512
SnapFIT cover clip



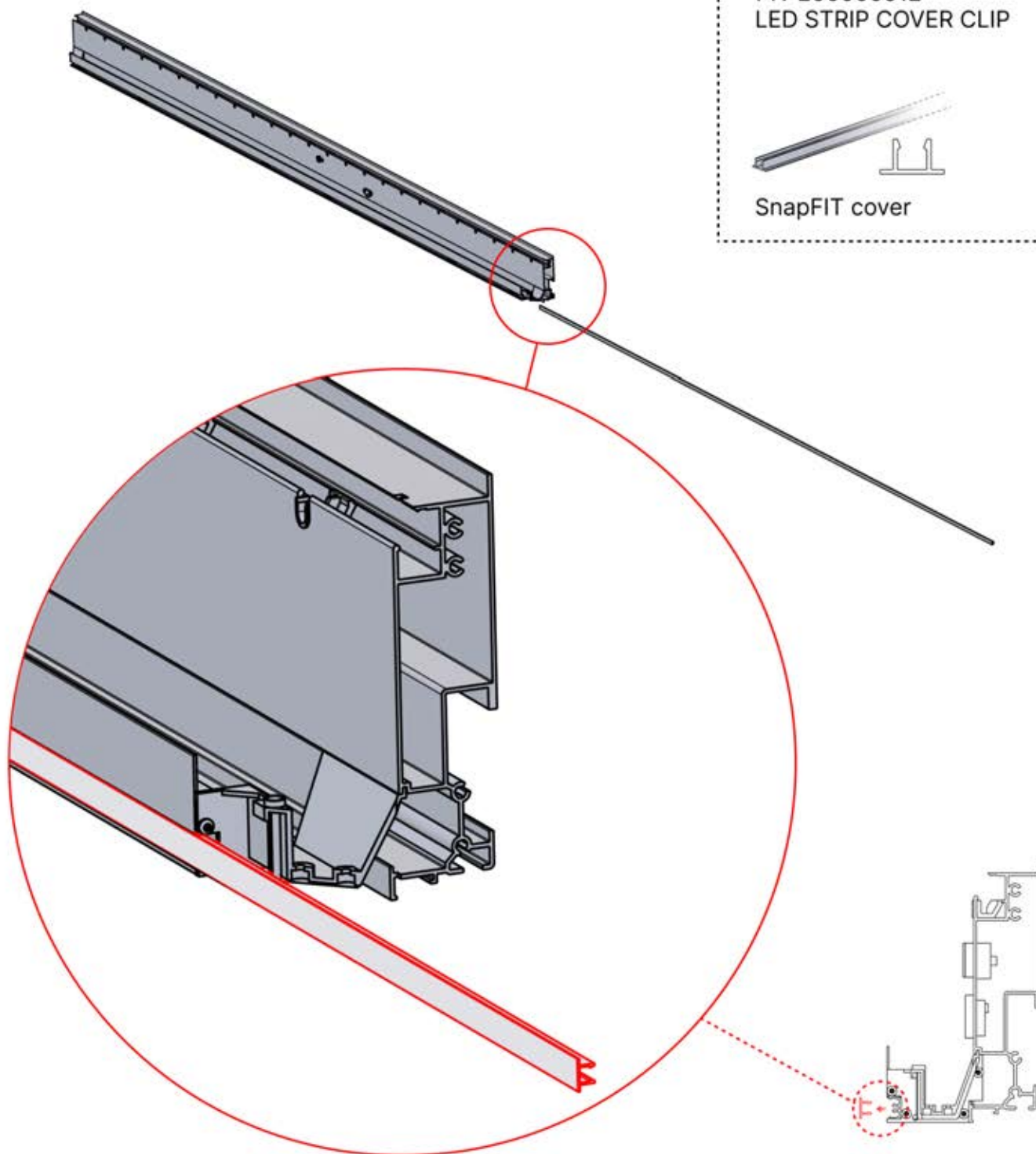
SnapFIT cover



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: B198
WHITE: B206
BLACK: B202



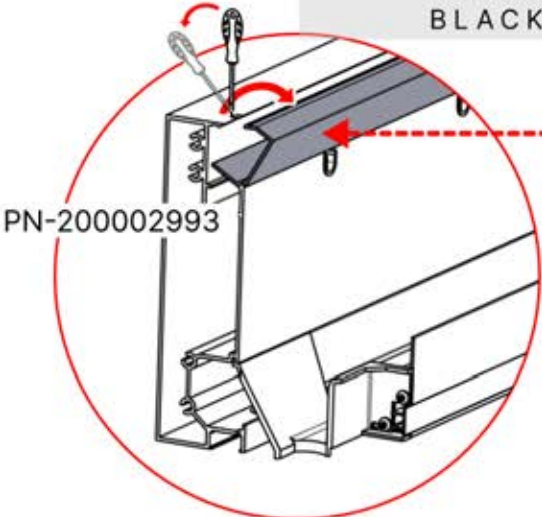


PN-200002889
1x

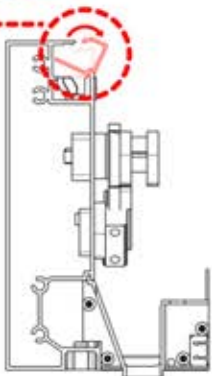
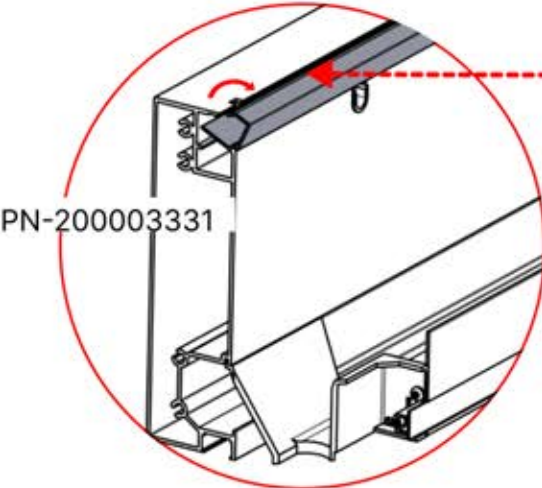
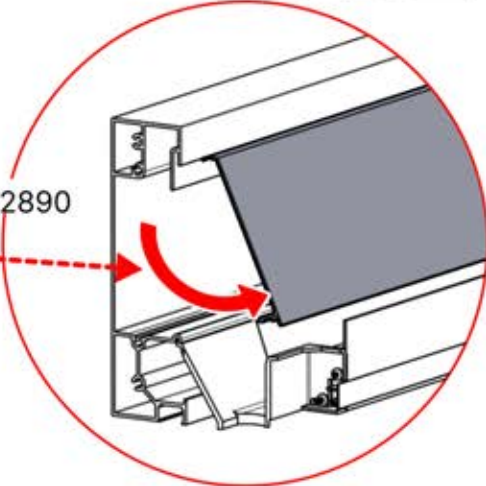
PN-200002890
1x

PN-200002993
1x

PN-200003331
1x



PN-200002890



01



5

ANTHRACITE: C120
WHITE: C122
BLACK: C121



4

ANTHRACITE: B198
WHITE: B206
BLACK: B202



PN-200002606

2x



PN-200002614

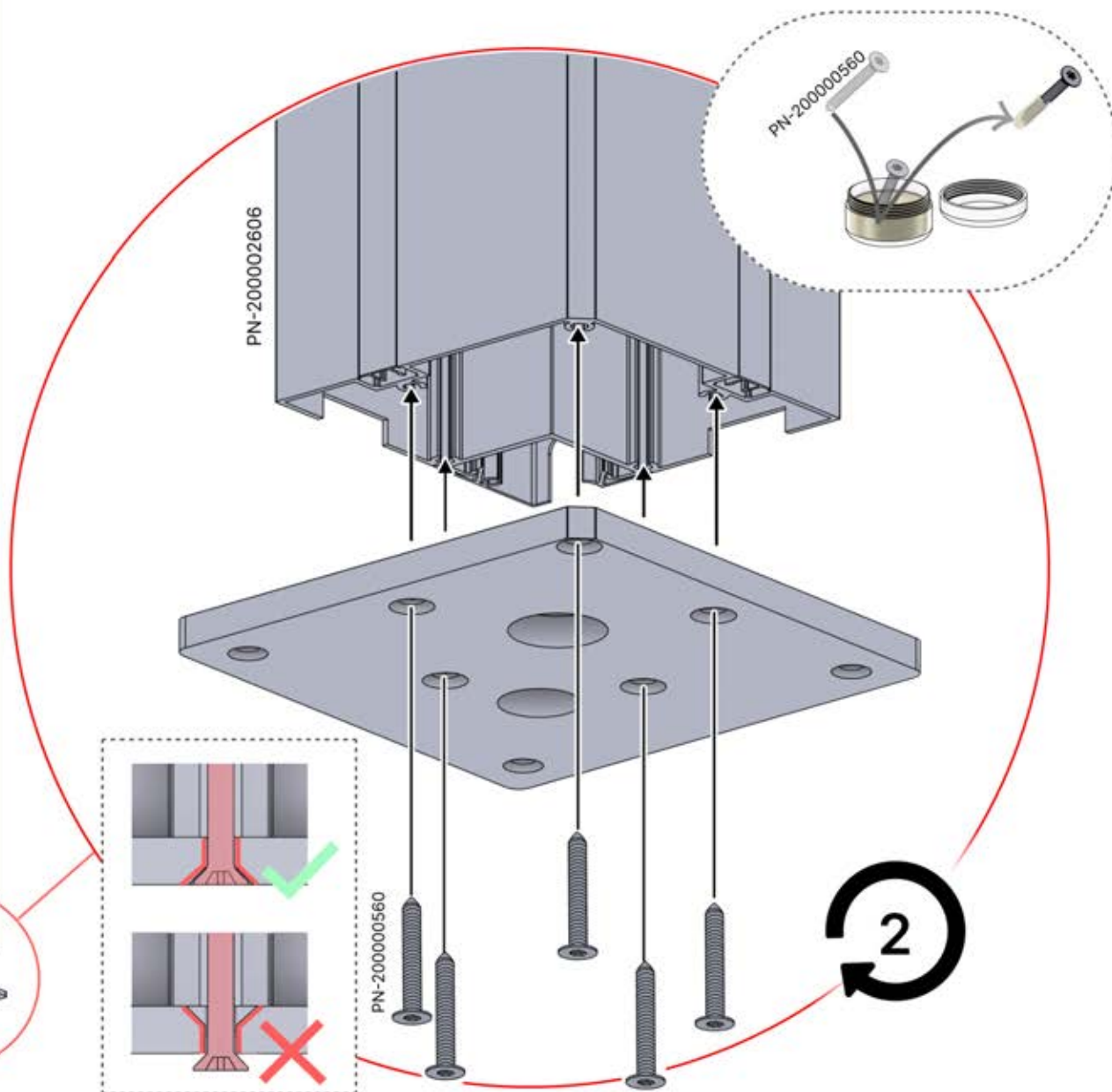
2x



PN-200000560

10x

PN-20000
3326



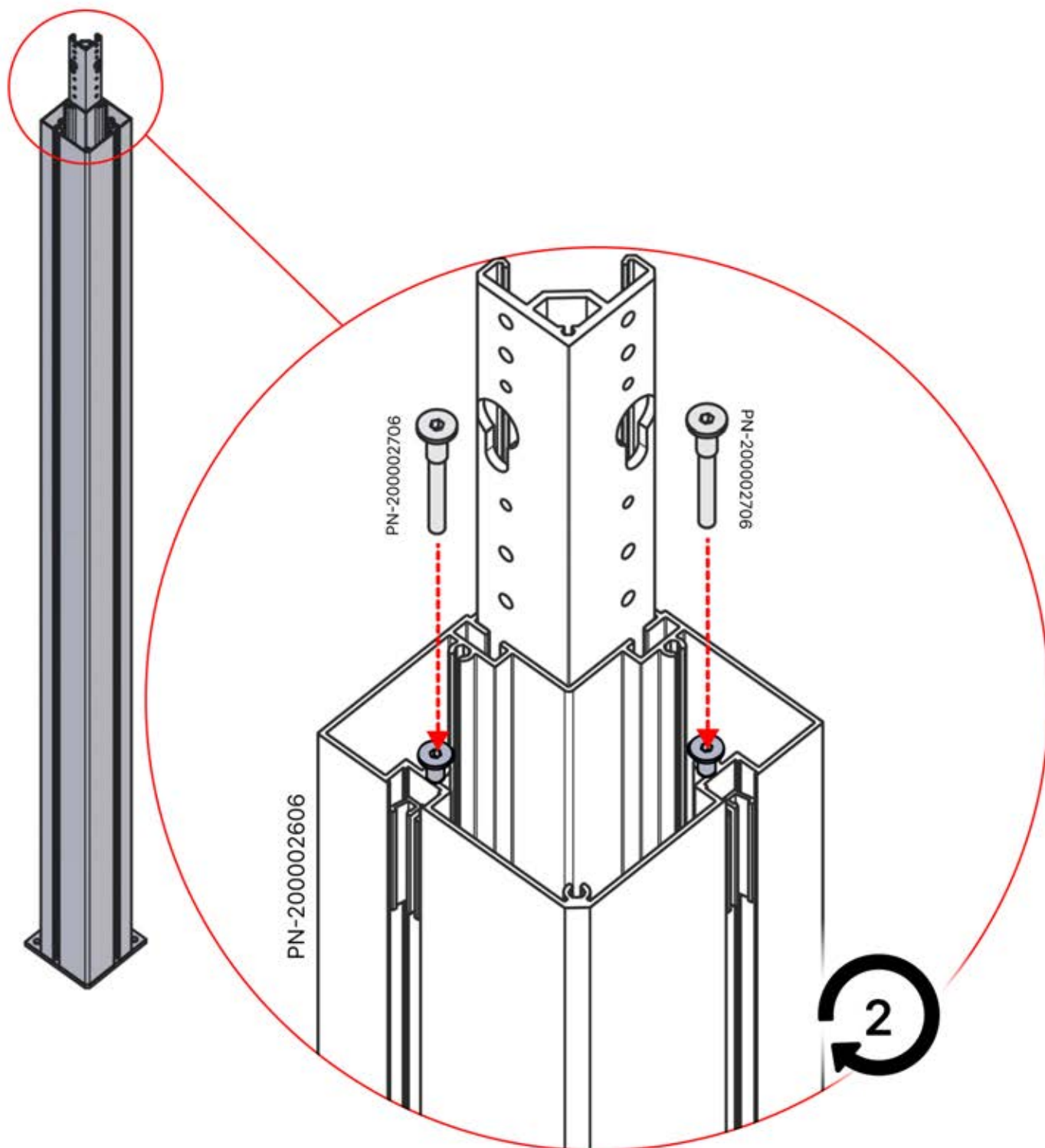
02

 **4**

ANTHRACITE: B198
WHITE: B206
BLACK: B202

 PN-200002706
4x

PN-20000
3303 



03



4

ANTHRACITE: B198
WHITE: B206
BLACK: B202



PN-200000510

5x

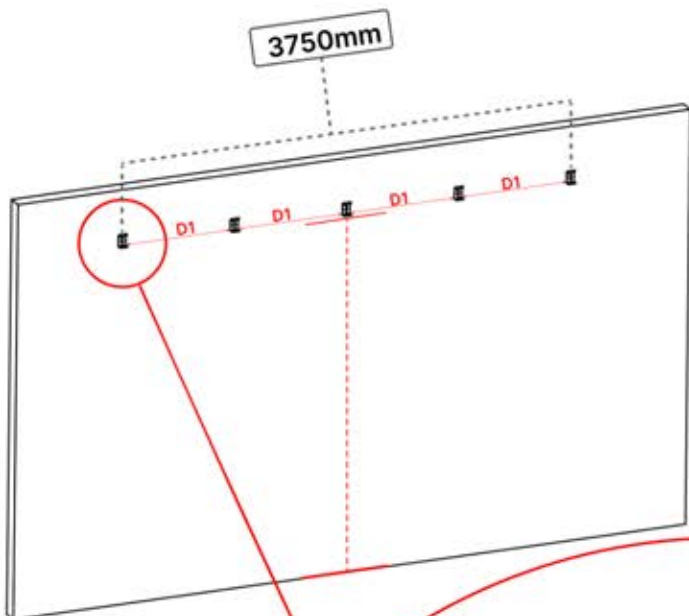
PN-20000
3305



x10



Install the first and last wall mount brackets (PN-200000510) 3750mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.



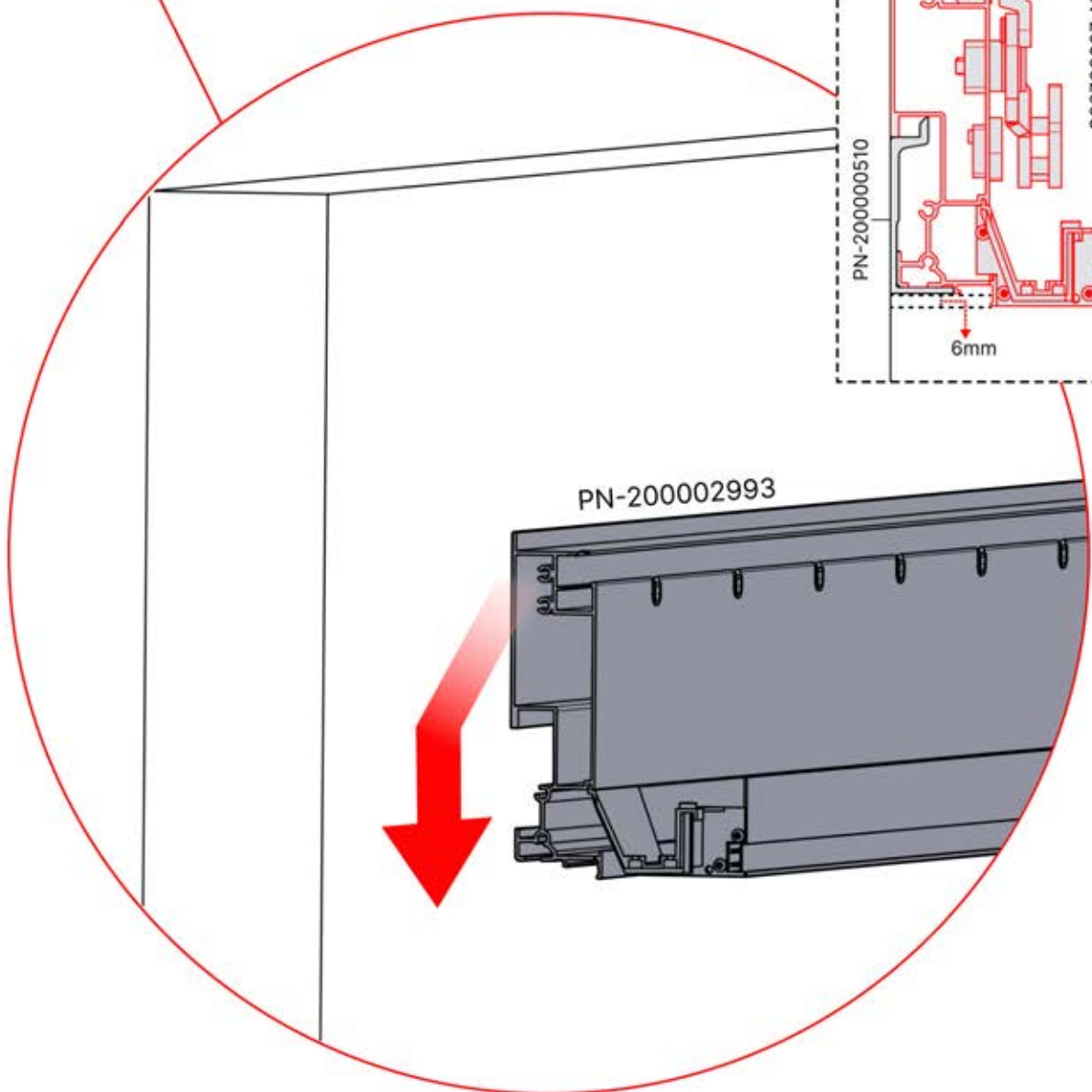
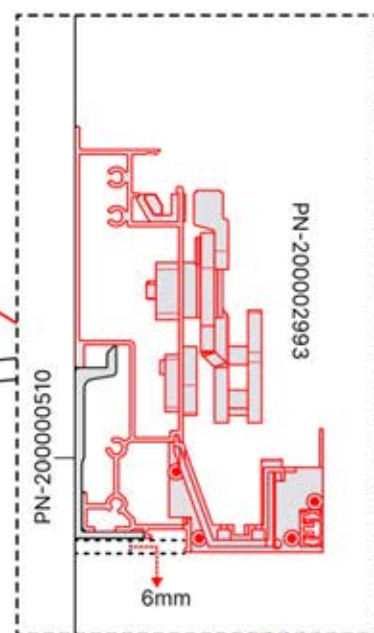
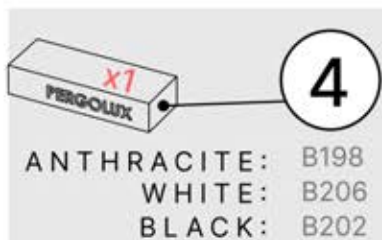
D1



2356 mm
92 3/4"



04



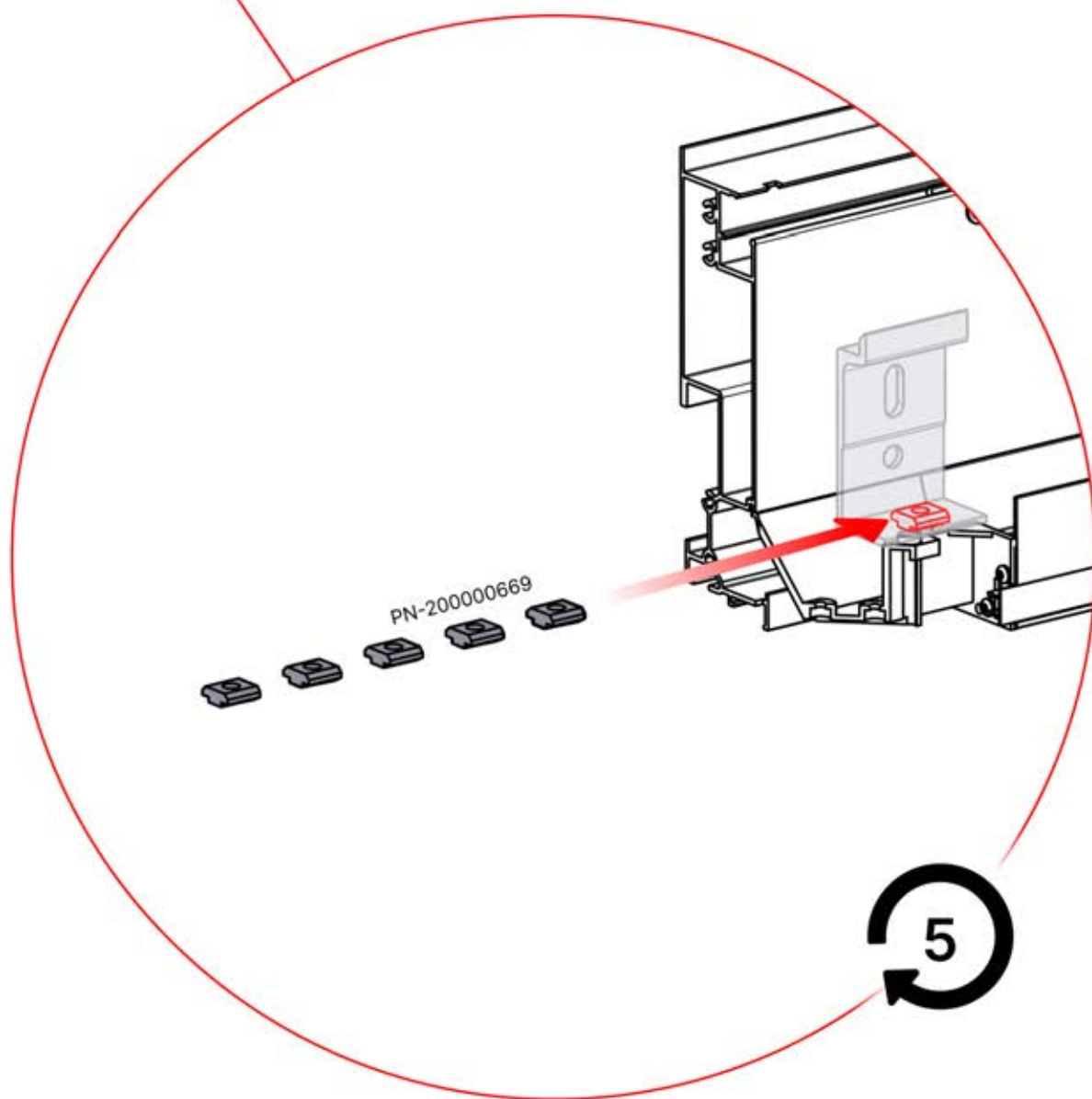
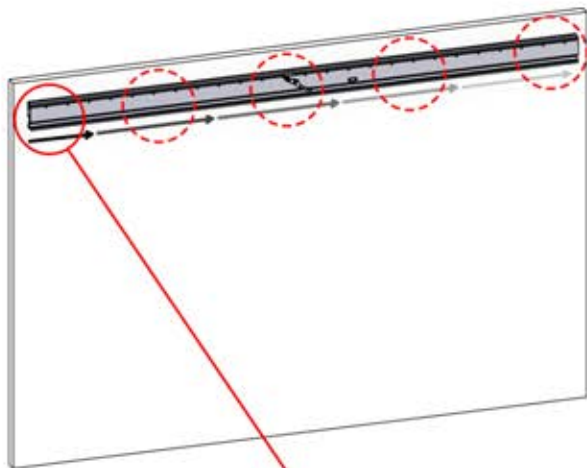
05

 **4**

ANTHRACITE: B198
WHITE: B206
BLACK: B202

 PN-200000669
5x

PN-20000 **3305** 



06

x7
PERGOLUX

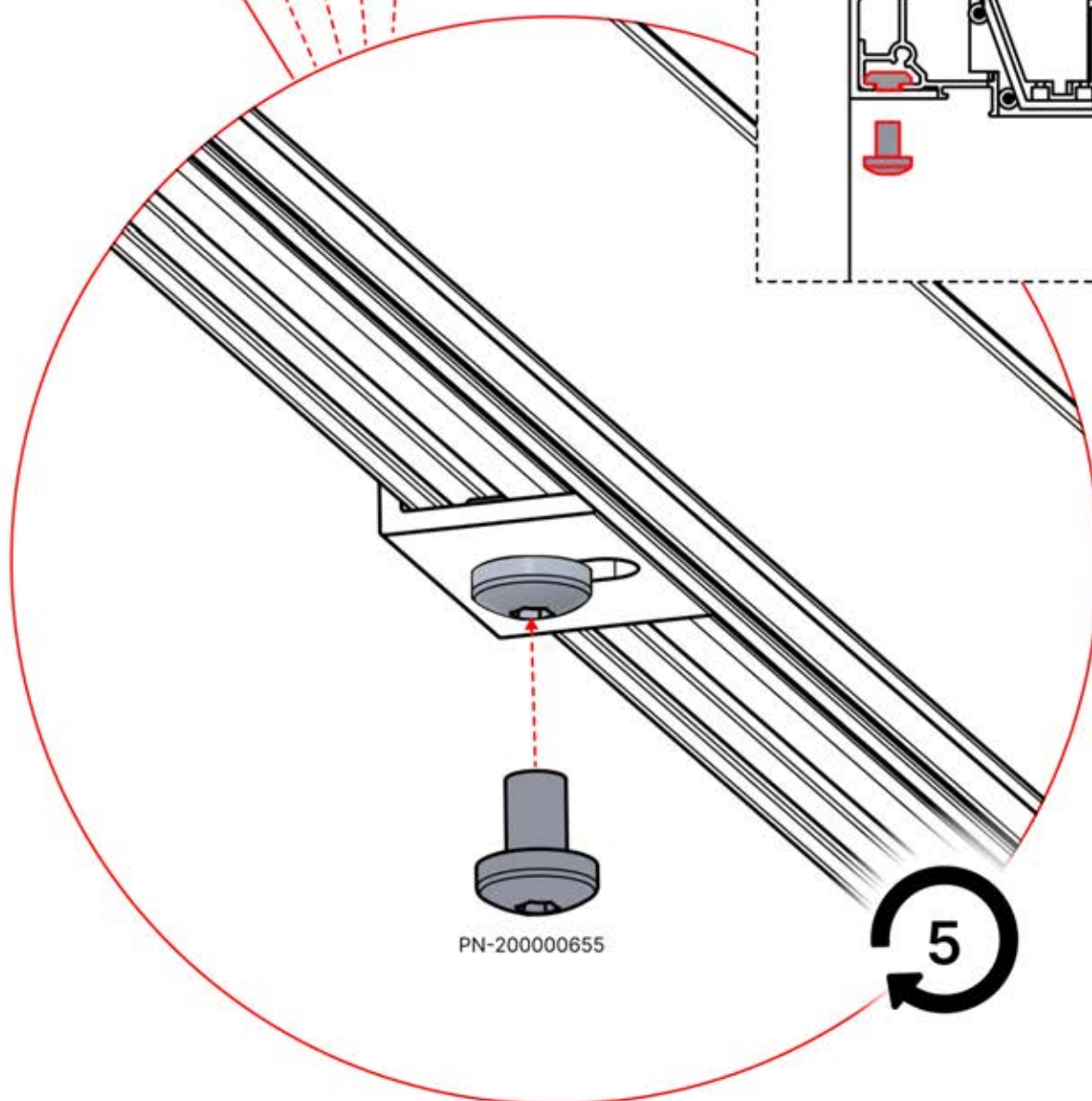
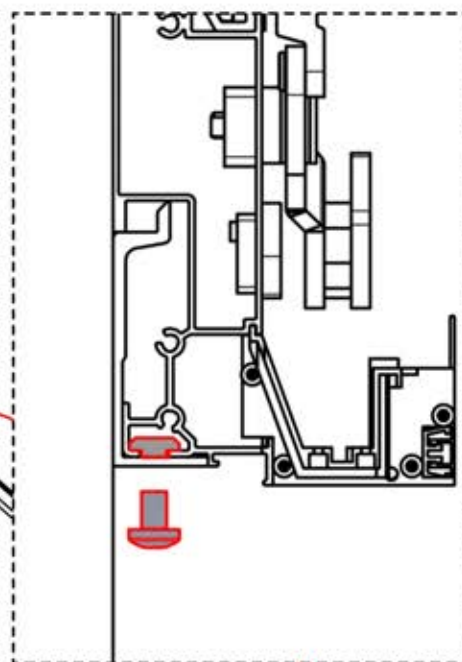
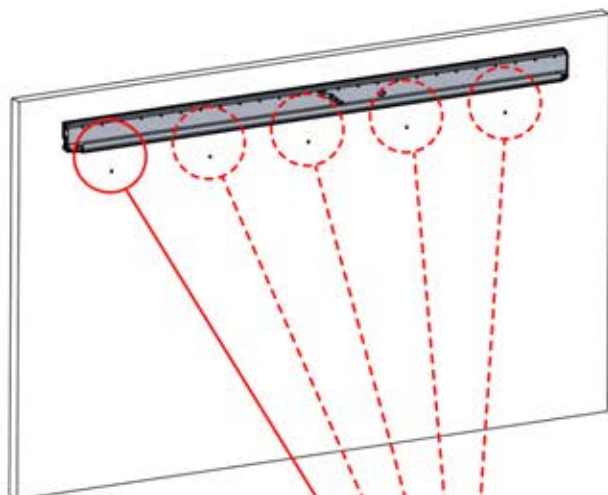
4

ANTHRACITE: B198
WHITE: B206
BLACK: B202

PN-200000655

5x

PN-20000
3305 Zip Bag

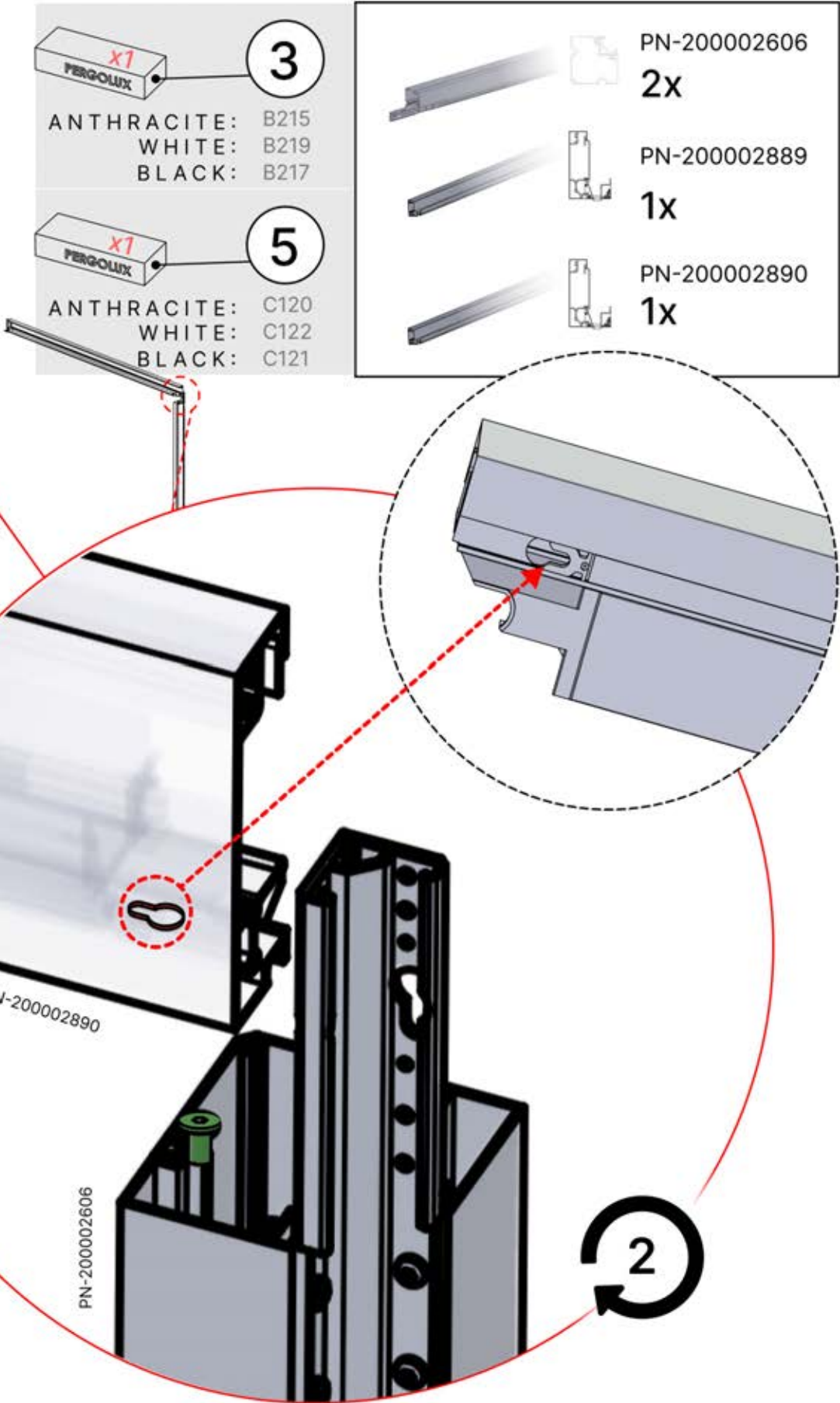


PN-200000655

		PN-200002890 1x
		PN-200002889 1x
		PN-200003308 2x
		PN-20000 3309 
		PN-200000568 8x
		PN-20000 3279 



INFORMATION



08


3

ANTHRACITE: B215
 WHITE: B219
 BLACK: B217


5

ANTHRACITE: C120
 WHITE: C122
 BLACK: C121



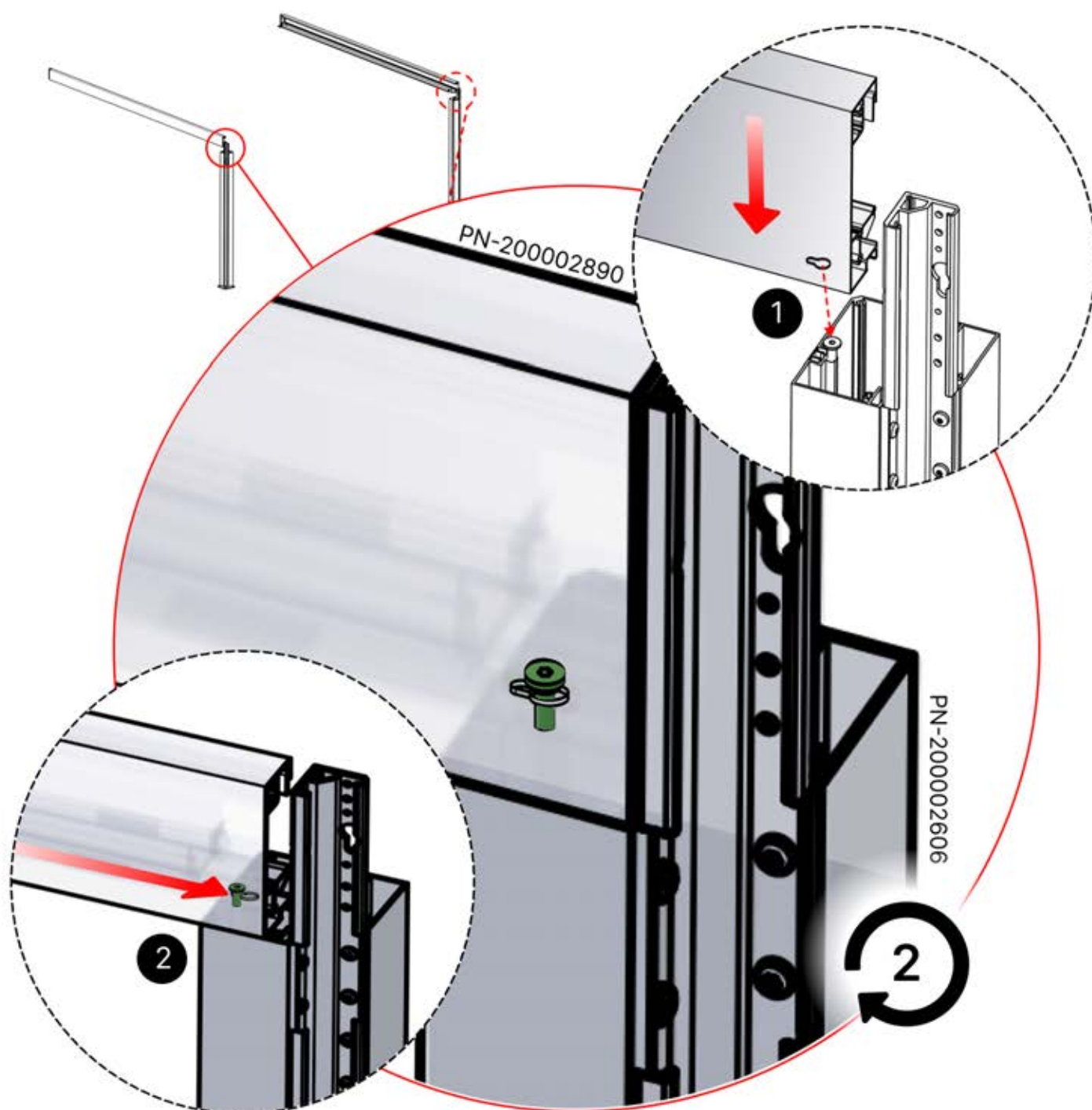
 PN-200002606
2x



 PN-200002889
1x



 PN-200002890
1x



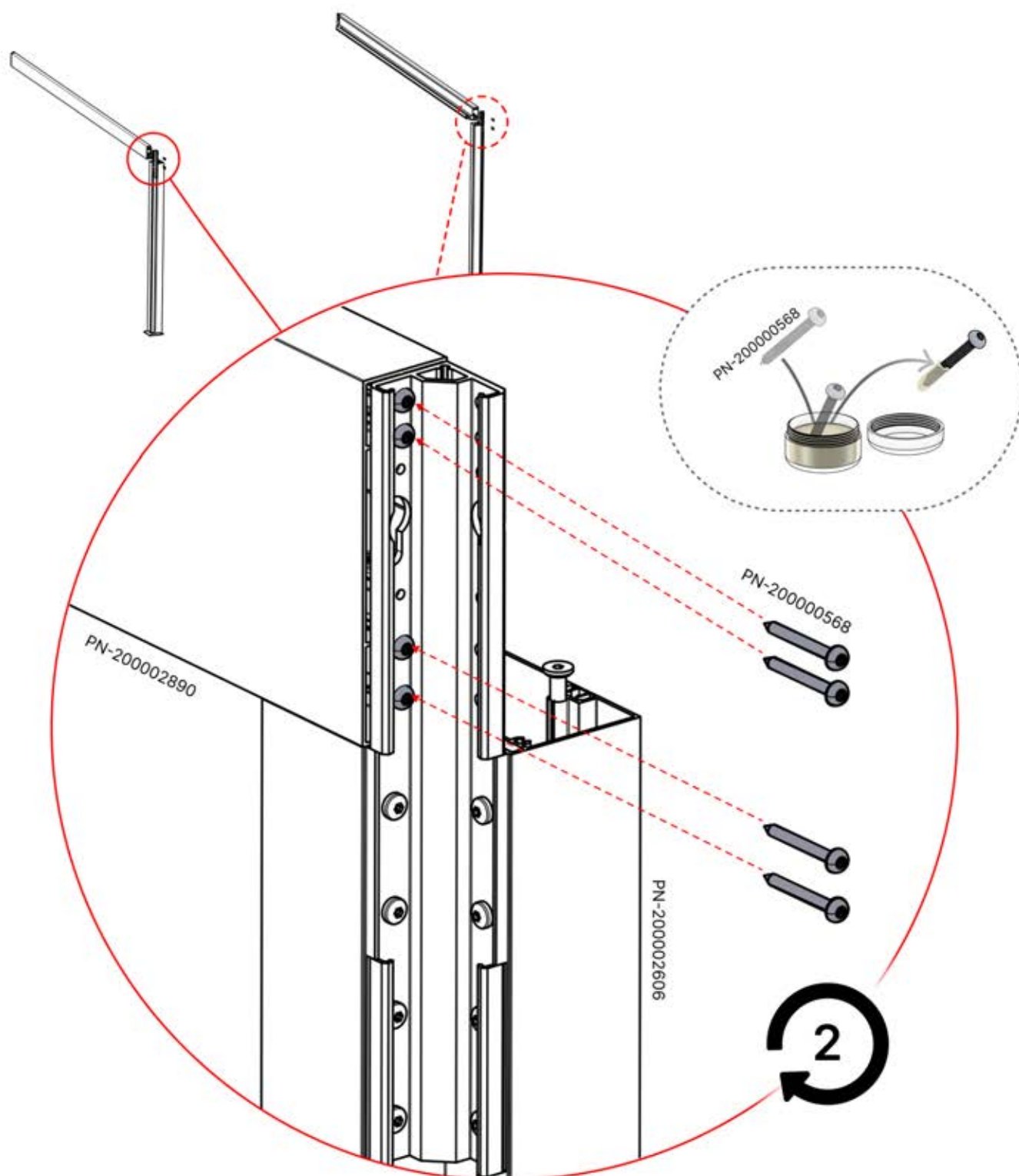
09

 **4**

ANTHRACITE: B198
WHITE: B206
BLACK: B202

 PN-200000568
8x

PN-20000
3279 



10

x1
FERGOLUX

4

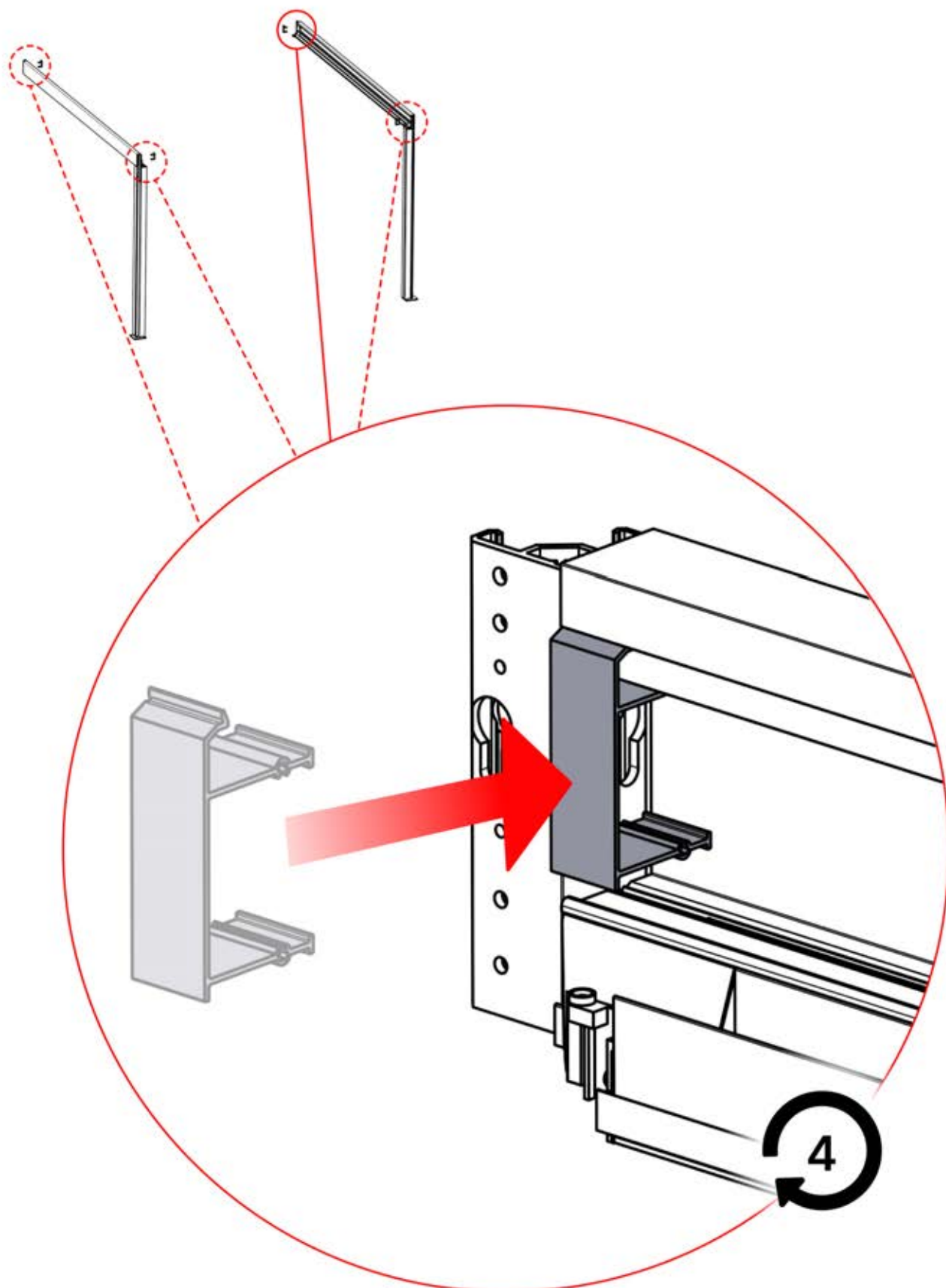
ANTHRACITE: B198
WHITE: B206
BLACK: B202

PN-200002622

4x

PN-20000
3281

Zip Bag



11



4

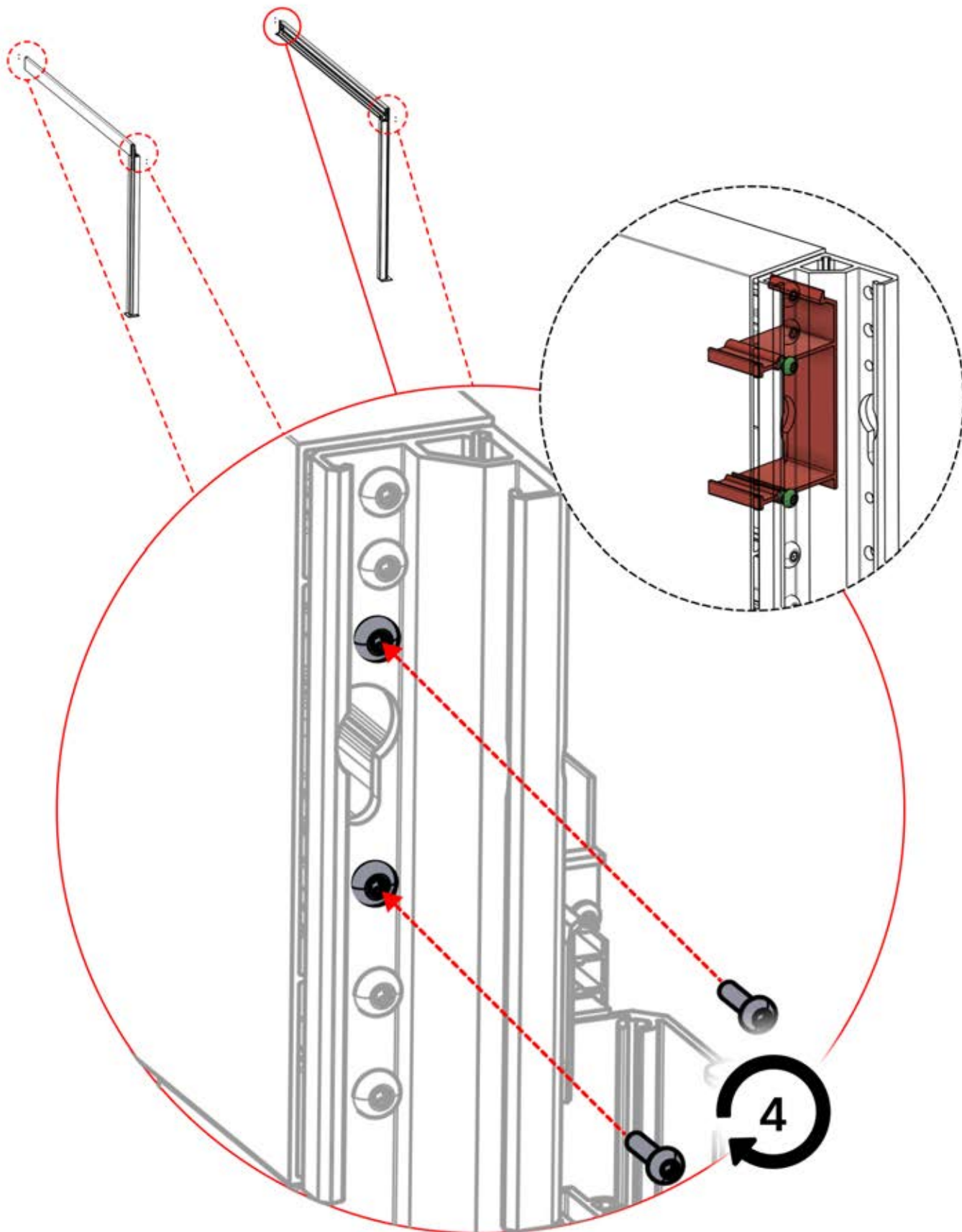
ANTHRACITE: B198
WHITE: B206
BLACK: B202



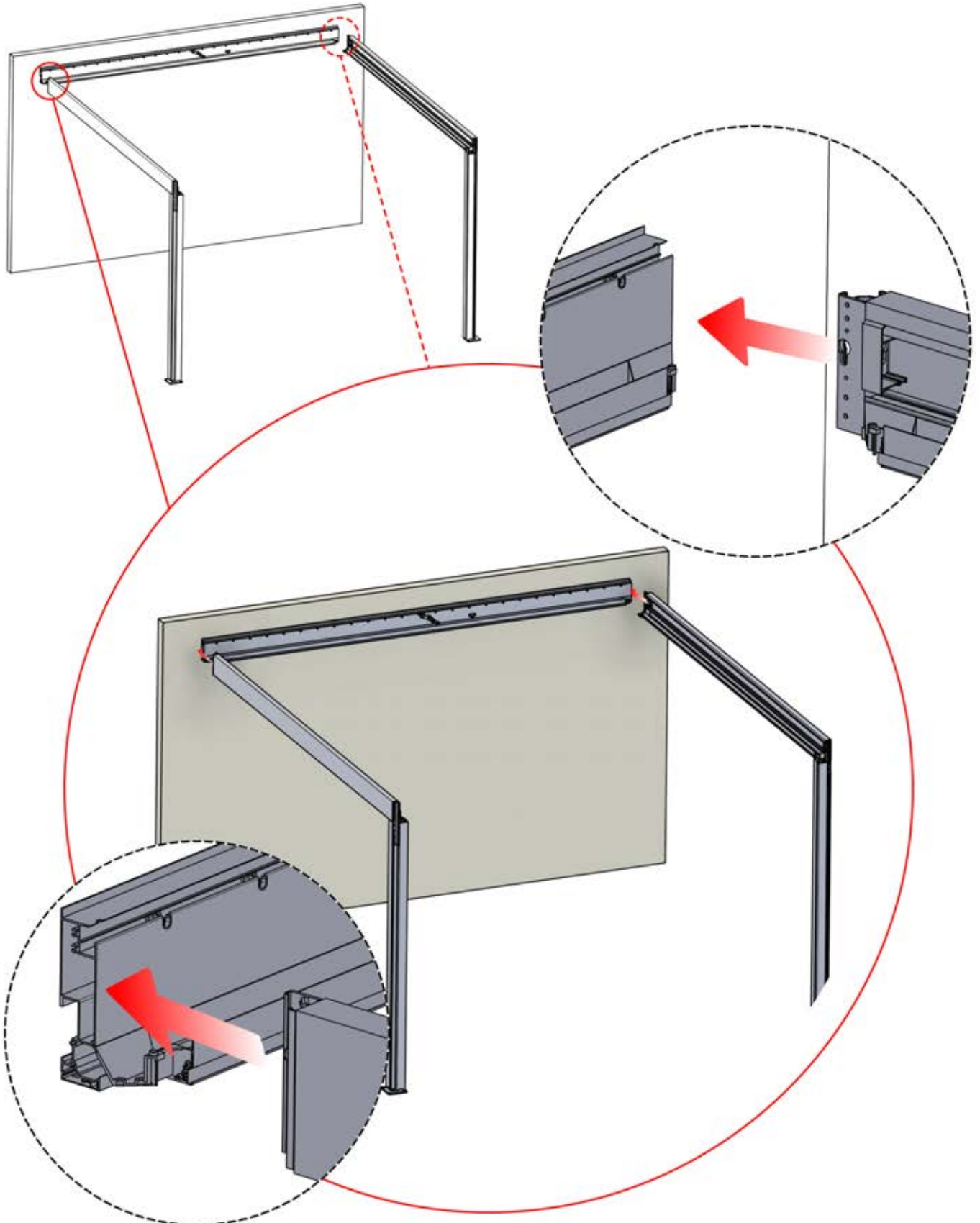
PN-200000680

8x

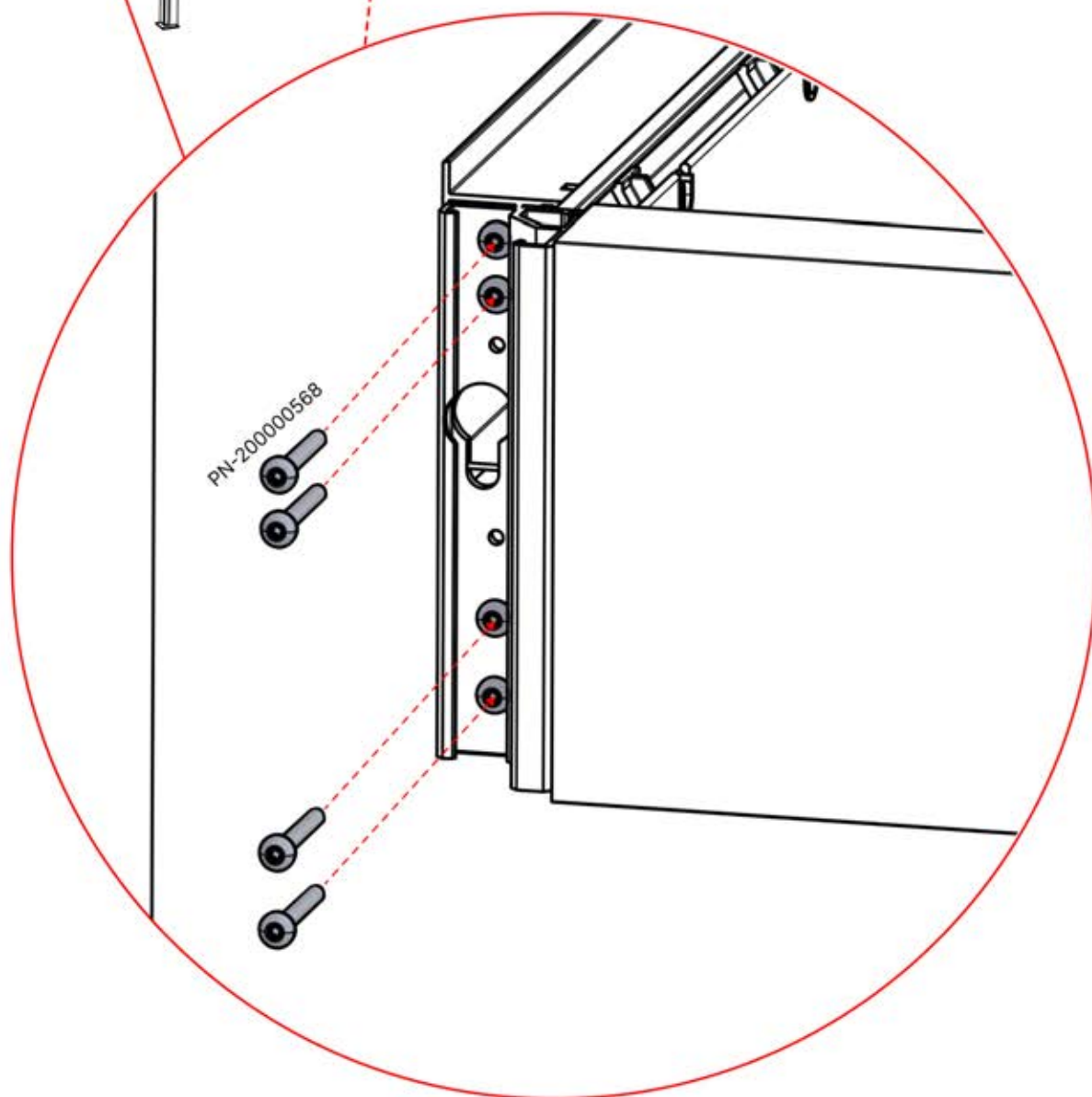
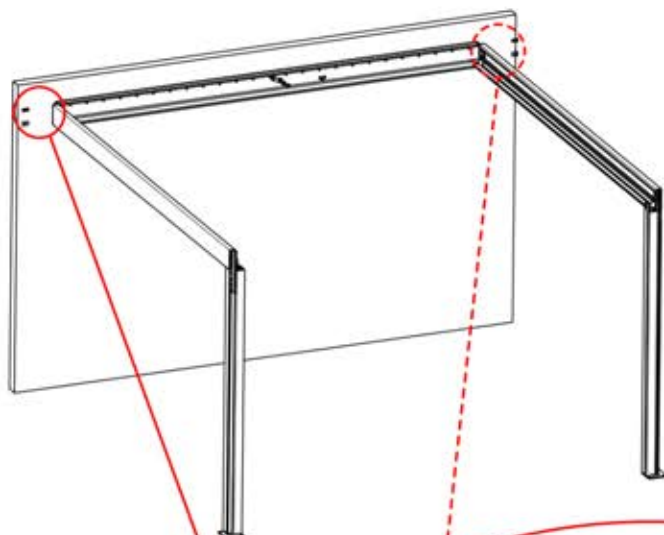
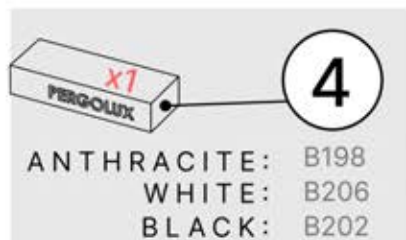
PN-20000
3281



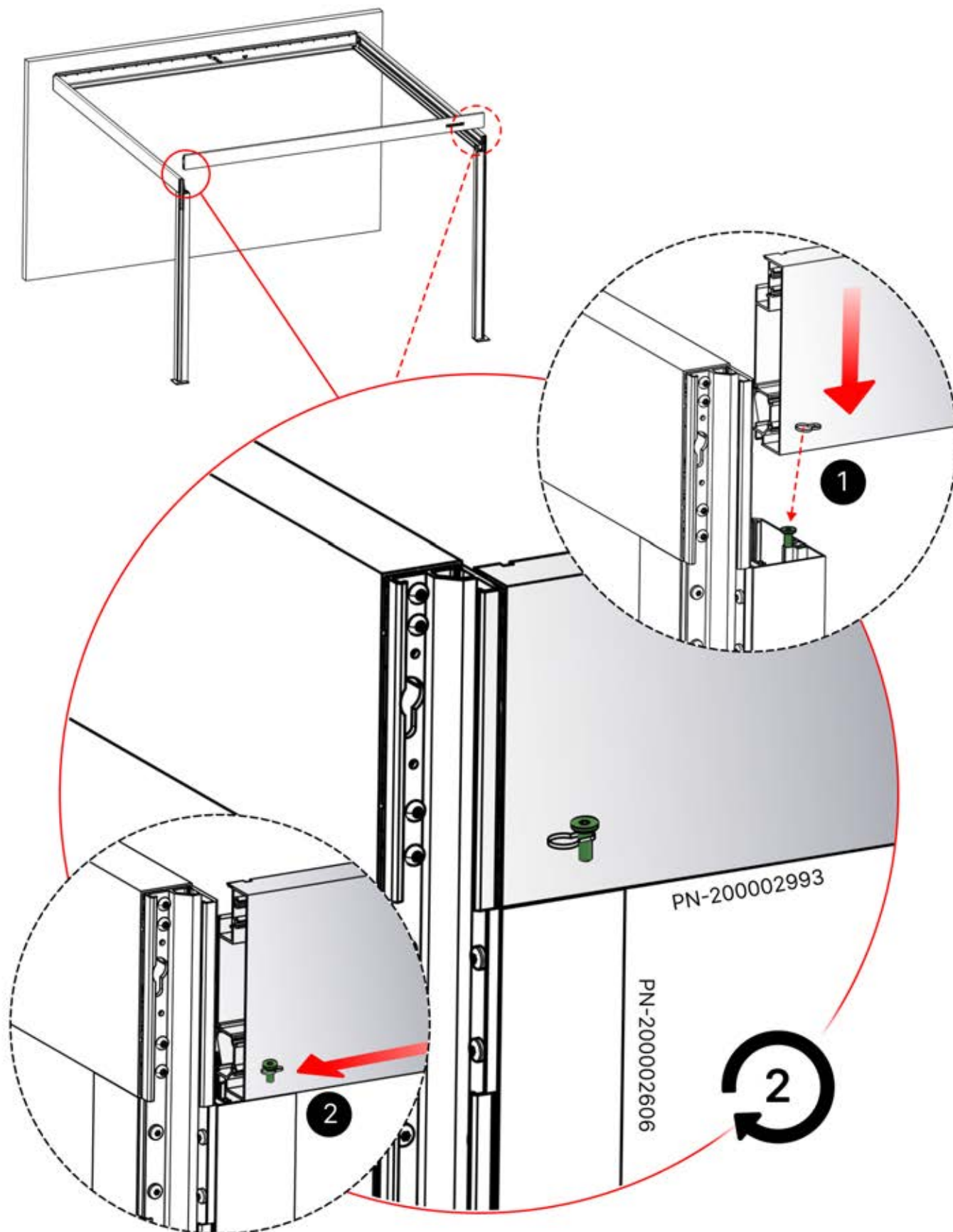
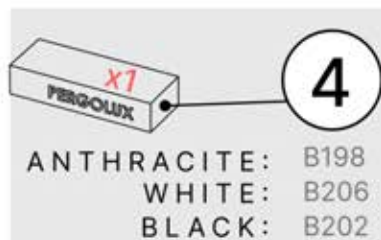
12



13



14



15



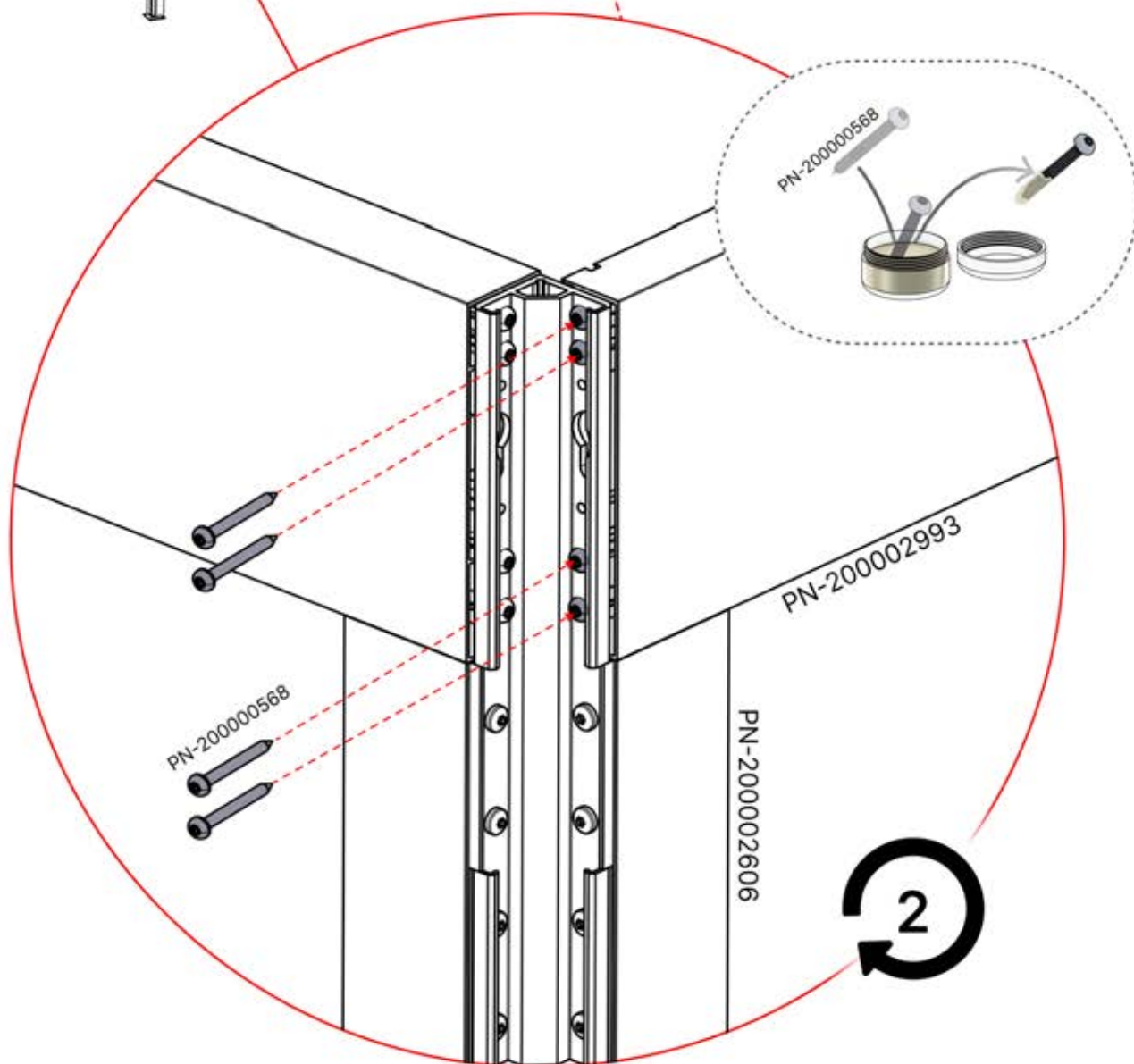
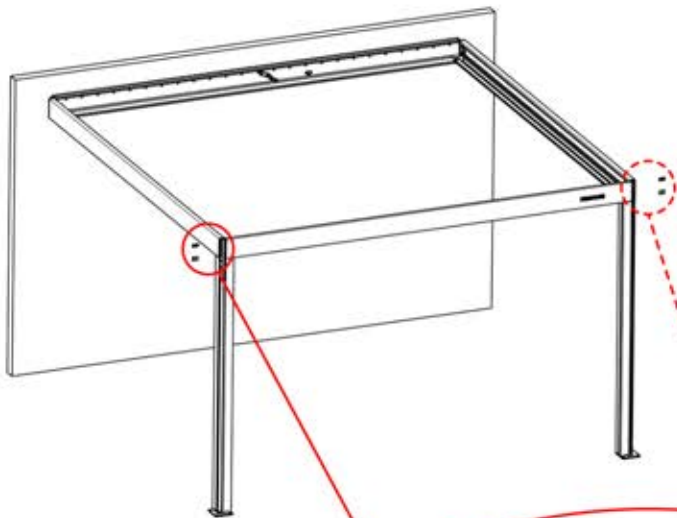
ANTHRACITE: B198
WHITE: B206
BLACK: B202

4



PN-200000568

8x

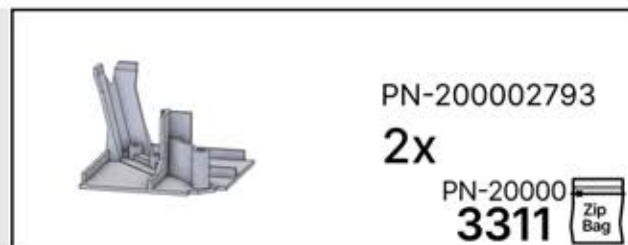
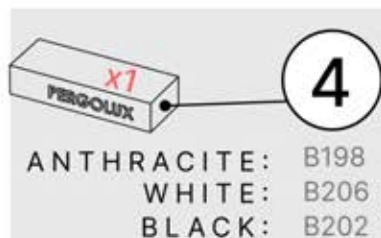
PN-20000
3279

PN-200002993

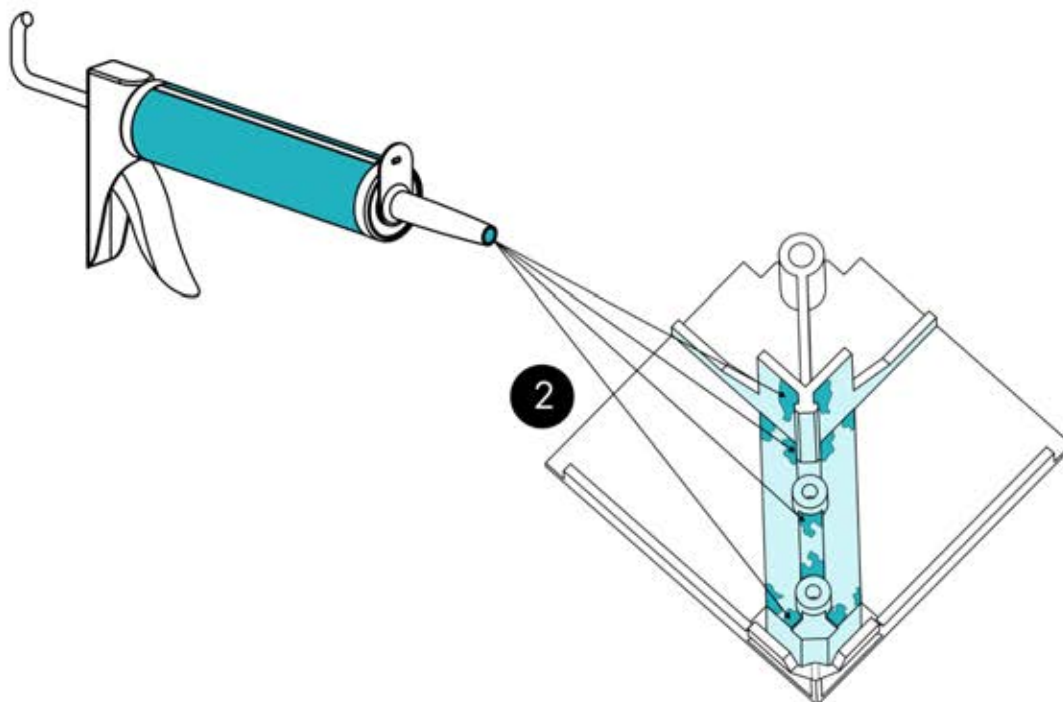
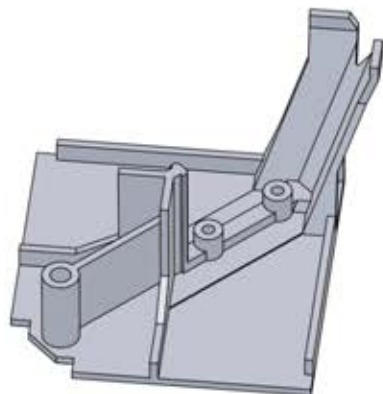
PN-200002606

2

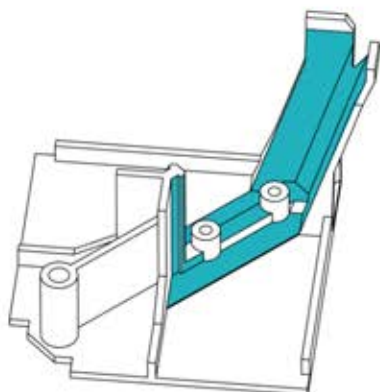
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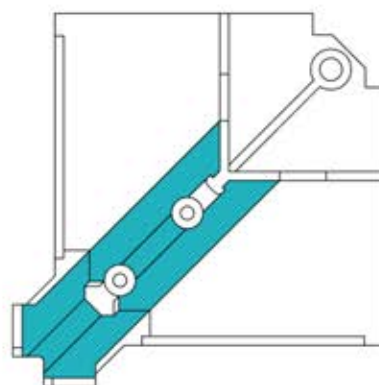
1



2



3



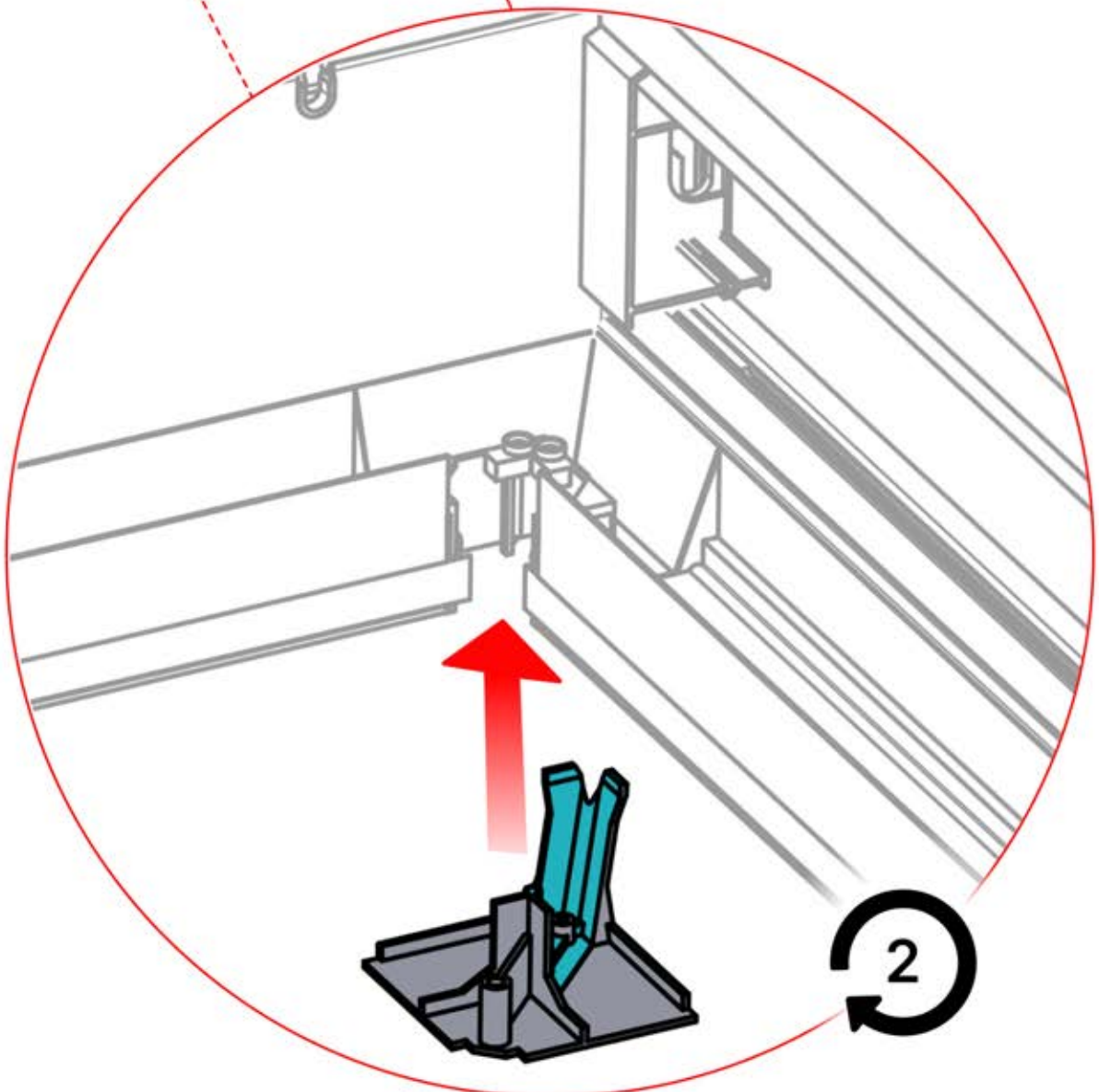
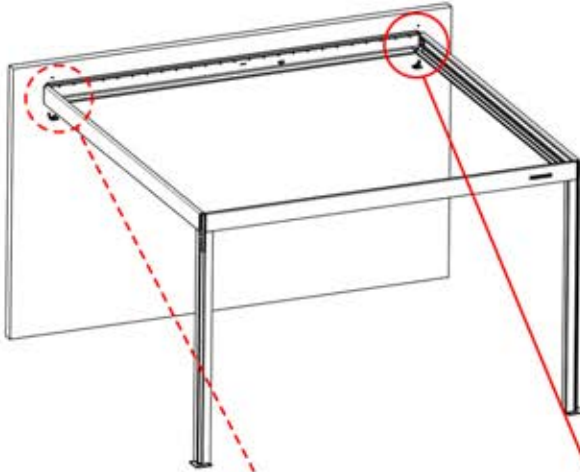
17

 **4**

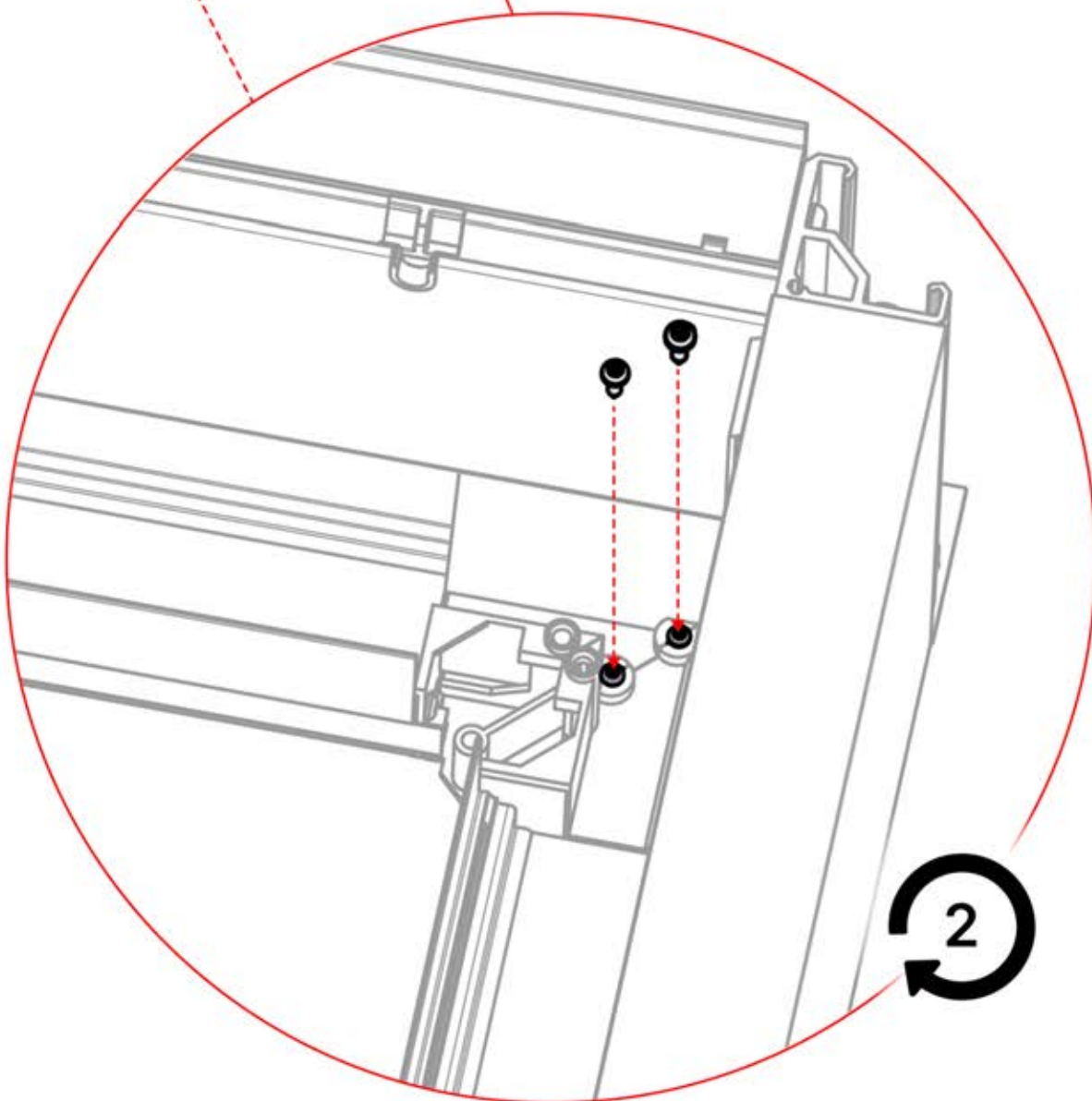
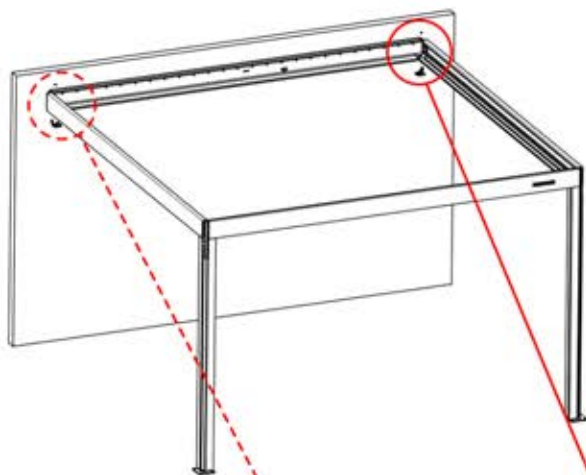
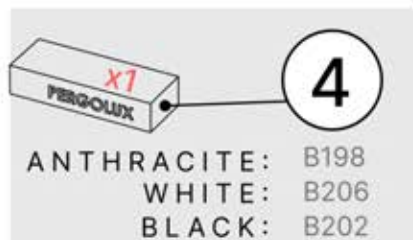
ANTHRACITE: B198
WHITE: B206
BLACK: B202



PN-200002793
2x
PN-20000
3311 



18



INFORMATION

Have you ordered LED-Lights?

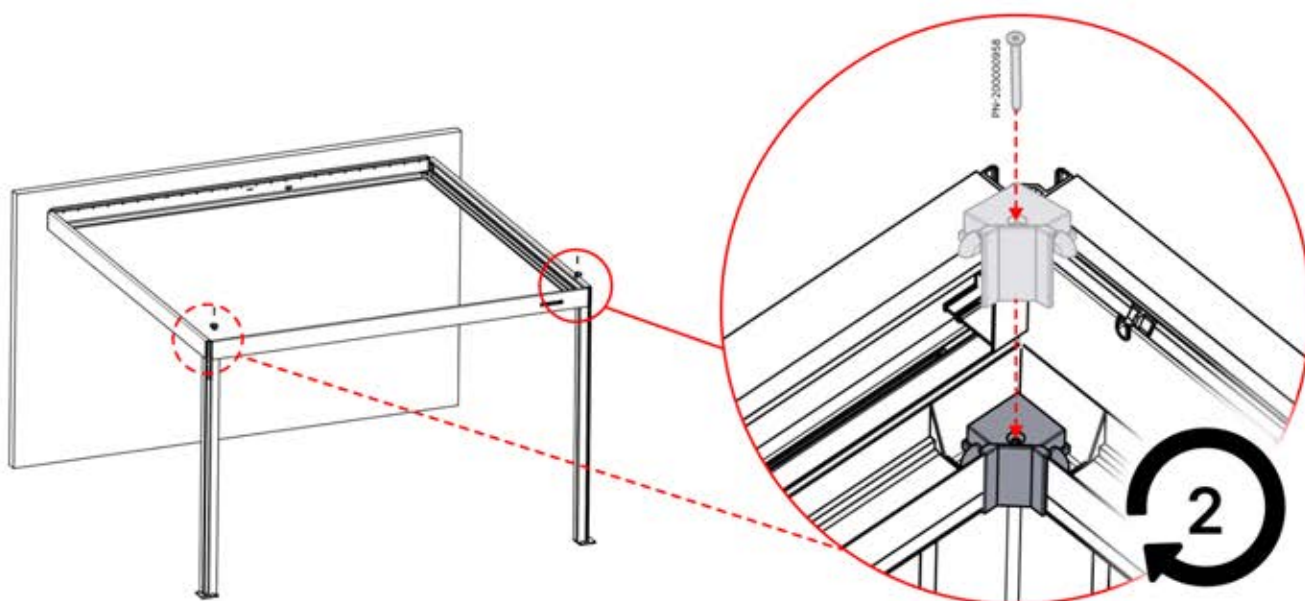
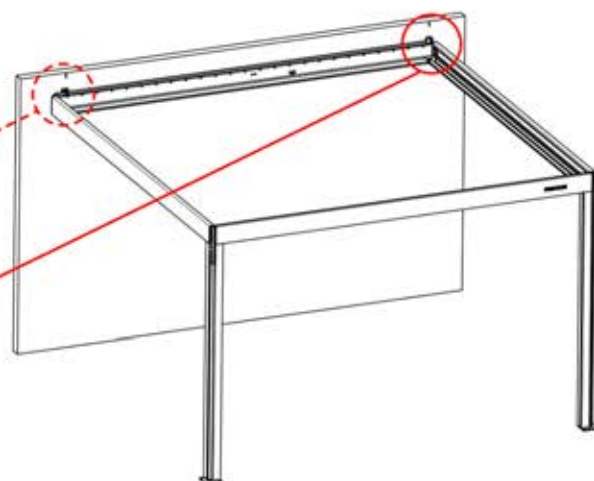
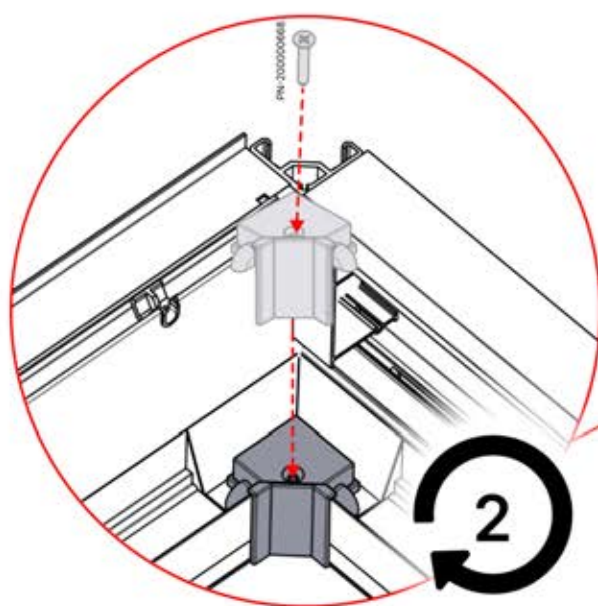
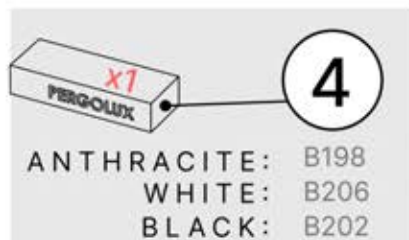
Now is the time to start the assembling.



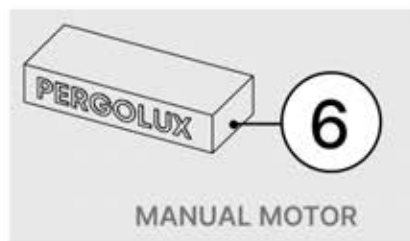
Follow the instruction for the LED lights in the assembly PDF and Video linked:



19



20



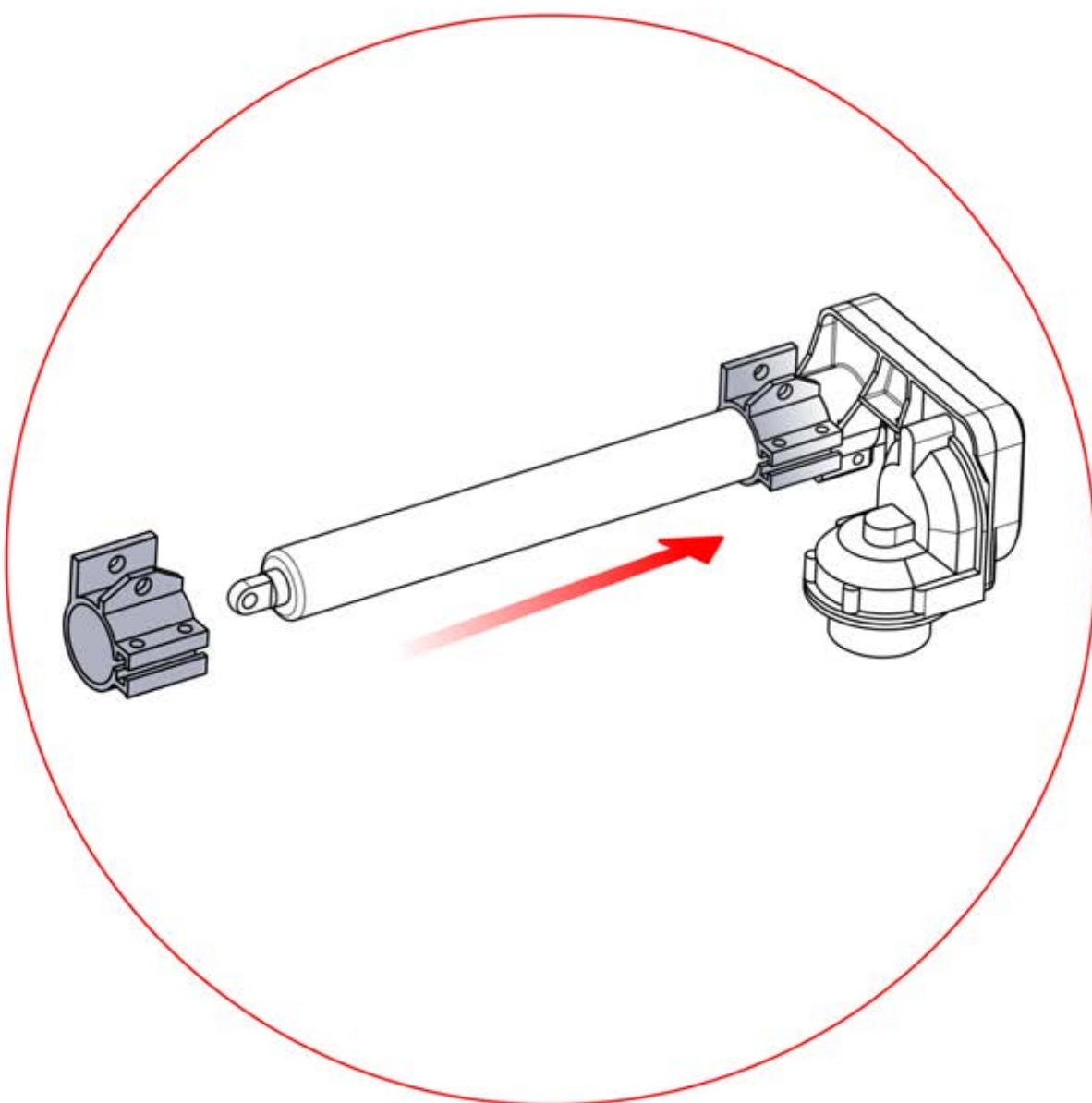
PN-200001563

1x



PN-200001623

1x



21

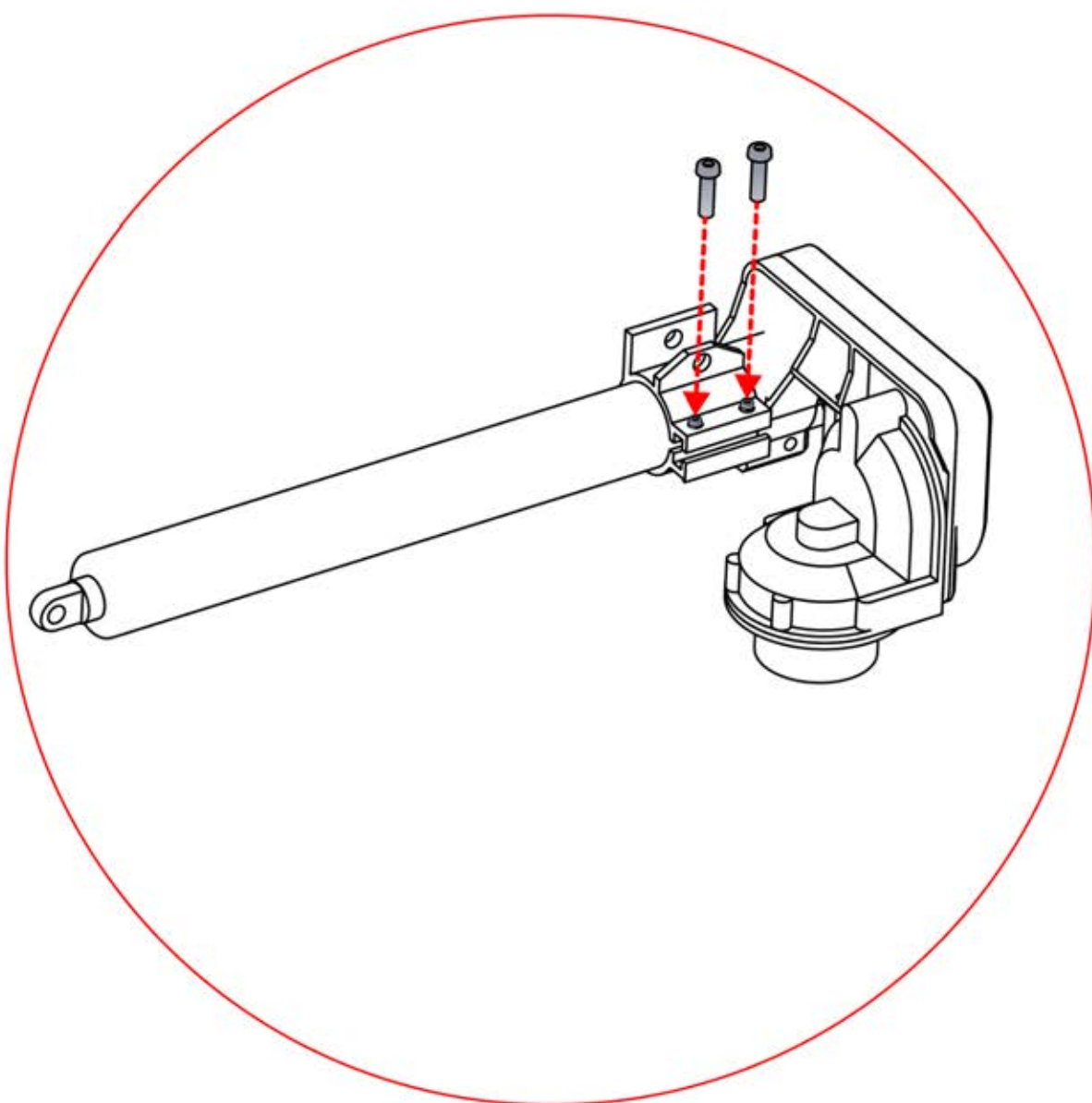


MANUAL MOTOR



PN-200001625

2x

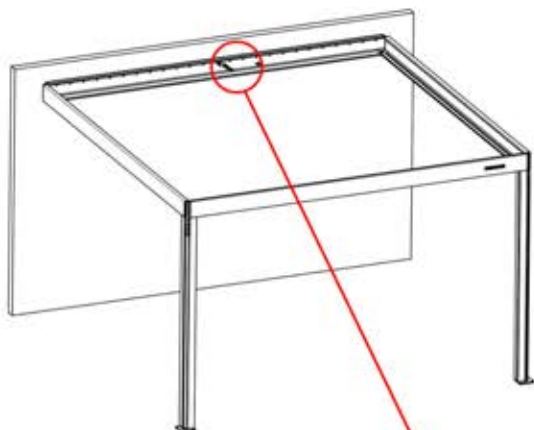


22



4

ANTHRACITE: B198
WHITE: B206
BLACK: B202



PN-200003318
1x



PN-200003317
1x



PN-200000511
2x

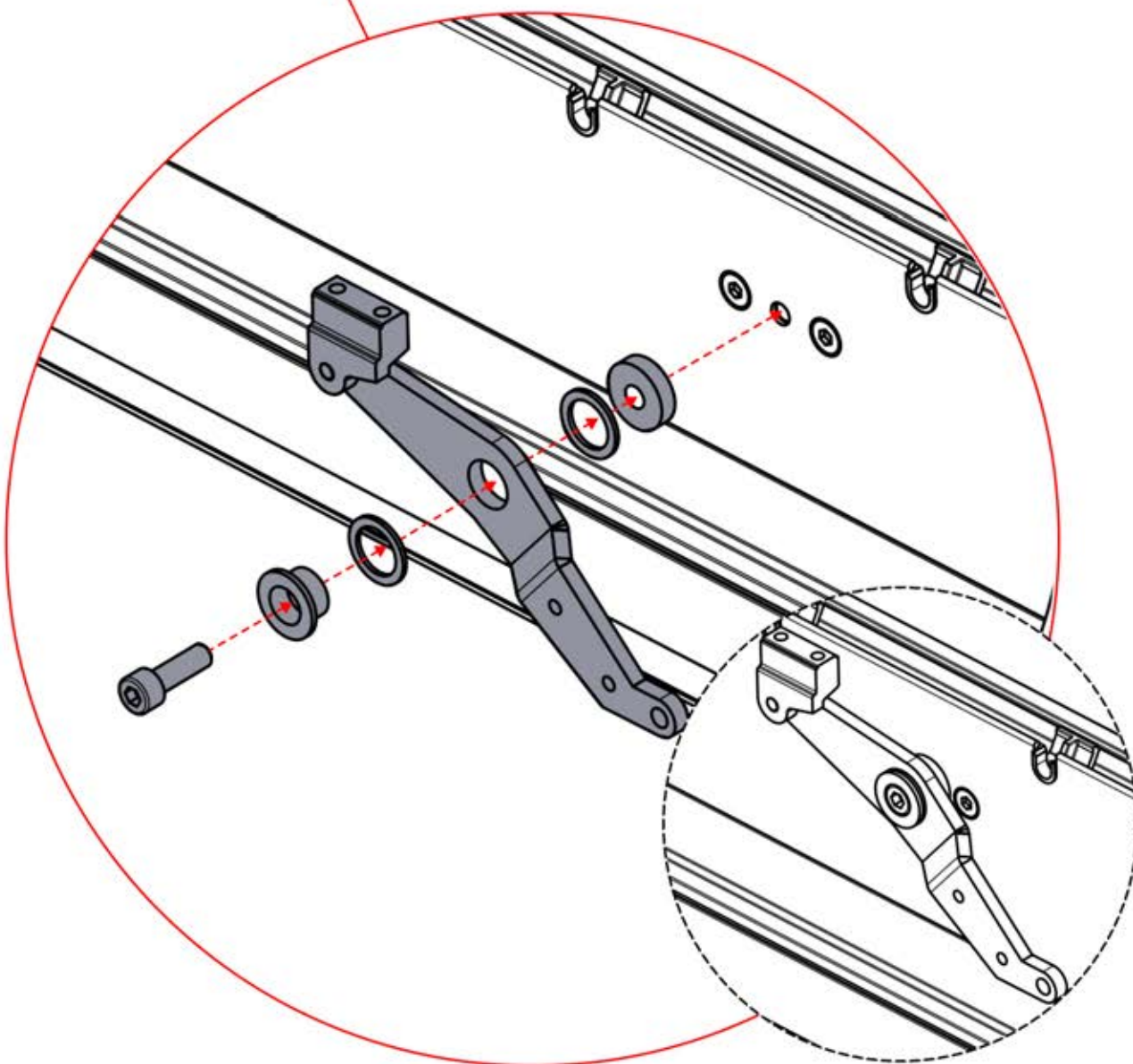


PN-200000502
1x



PN-200000561
1x

PN-20000
3319 Zip Bag

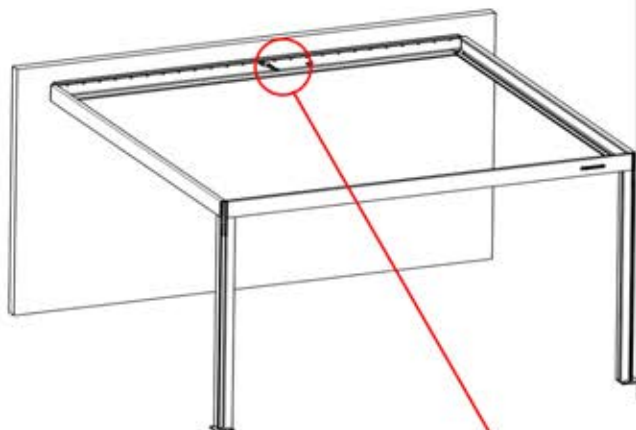


23



4

ANTHRACITE: B198
 WHITE: B206
 BLACK: B202



PN-200003367

1x



PN-200000853

2x



PN-200003370

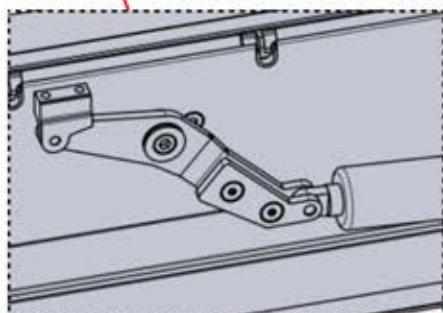
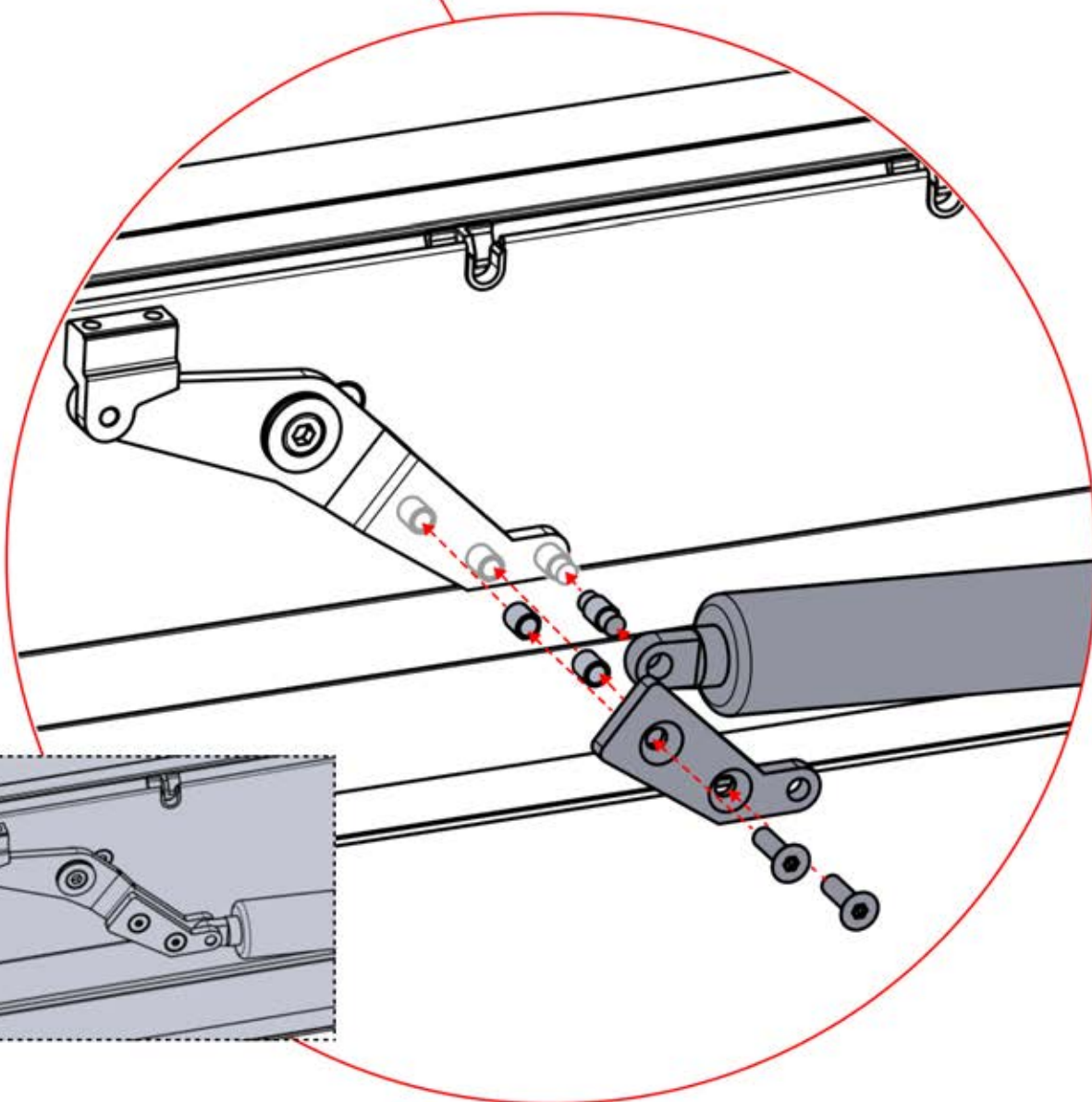
1x



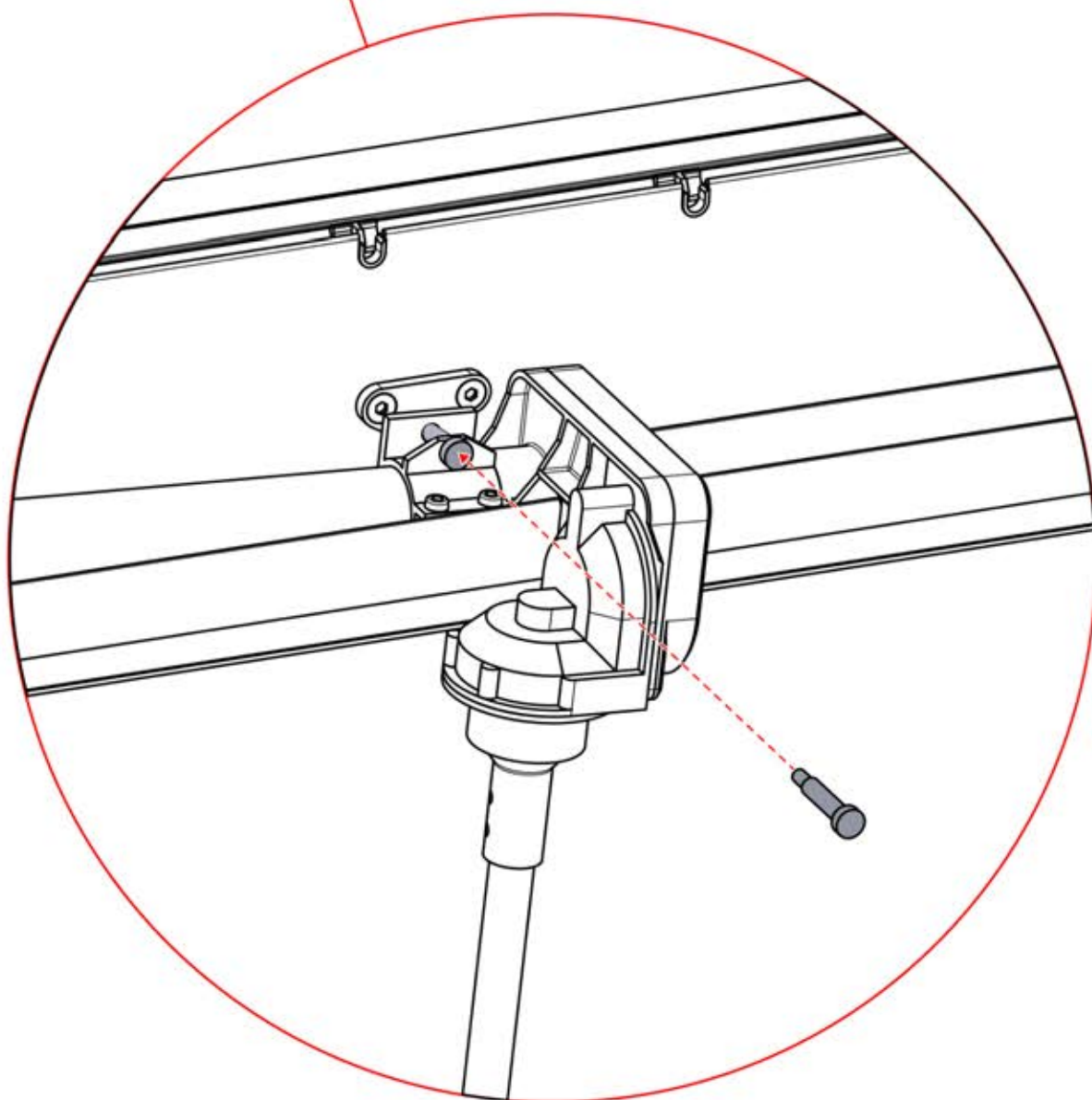
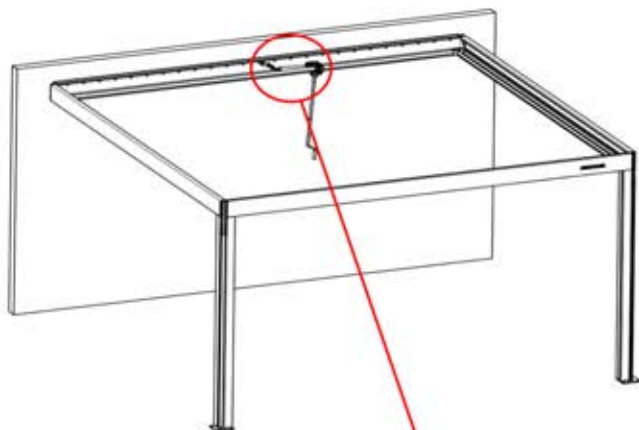
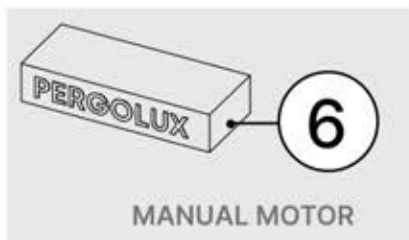
PN-200003368

2x

PN-20000
3319



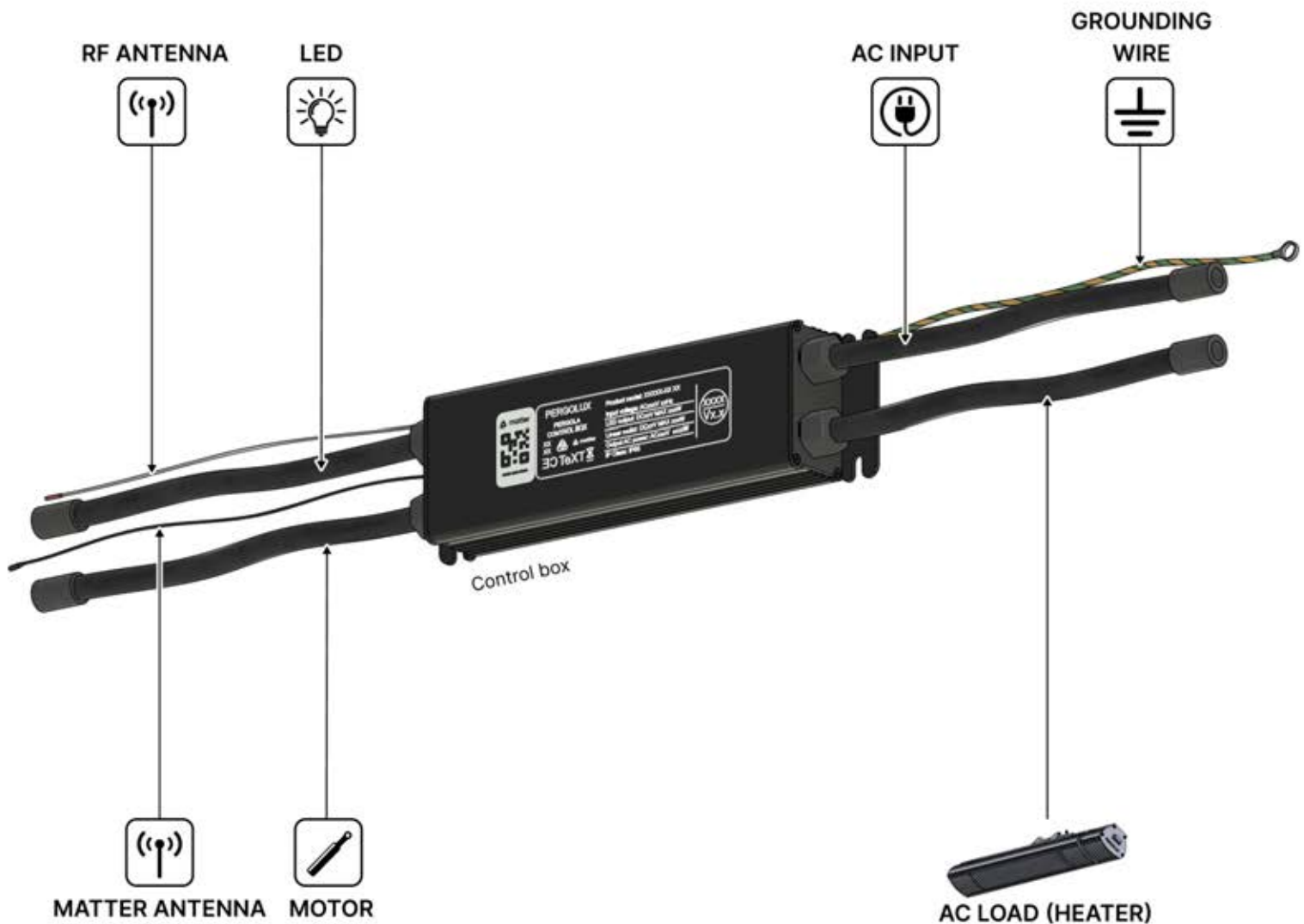
24



INPUTS AND OUTPUTS



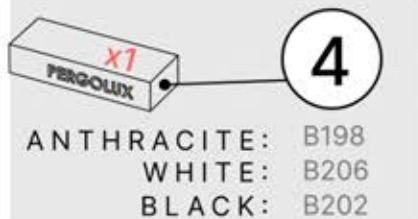
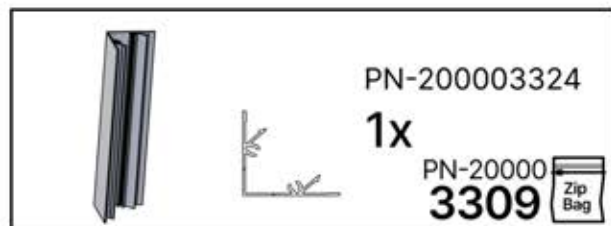
** Only if you ordered LED lights to your pergola.



ATTENTION: MOTOR RESET WARNING

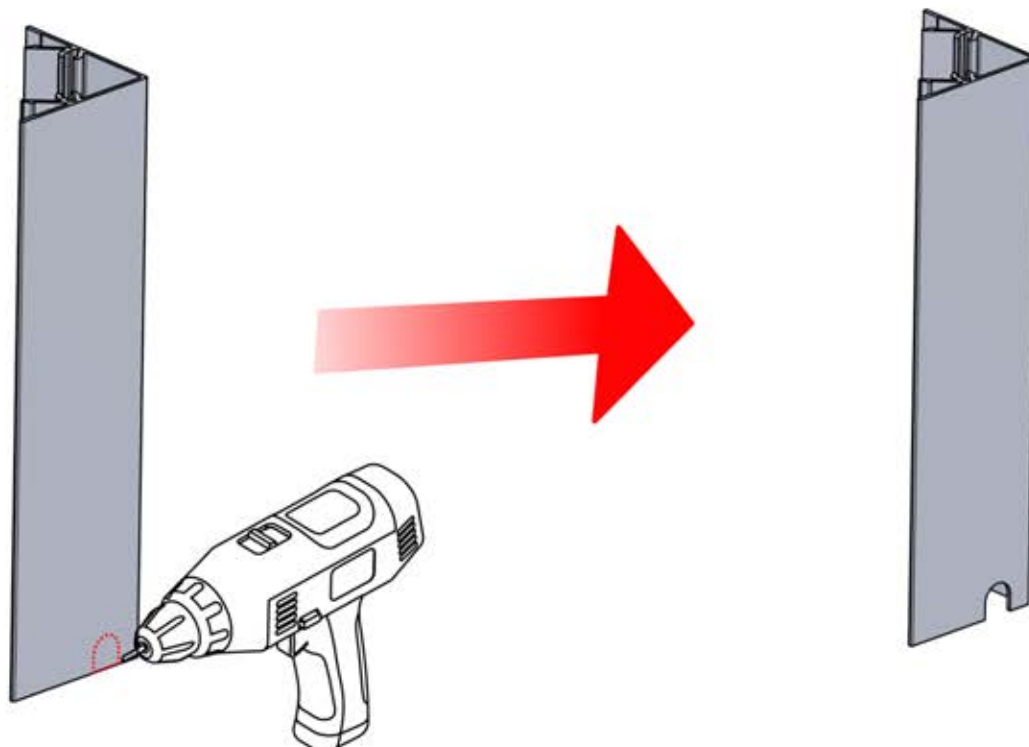
During a control box reset, the motor will fully extend and retract. Motor should be disconnected from motor arm to avoid injury or damage to the pergola

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.

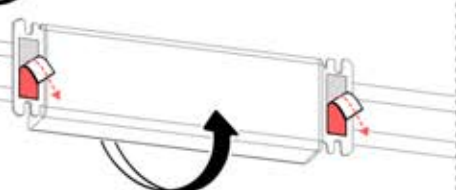
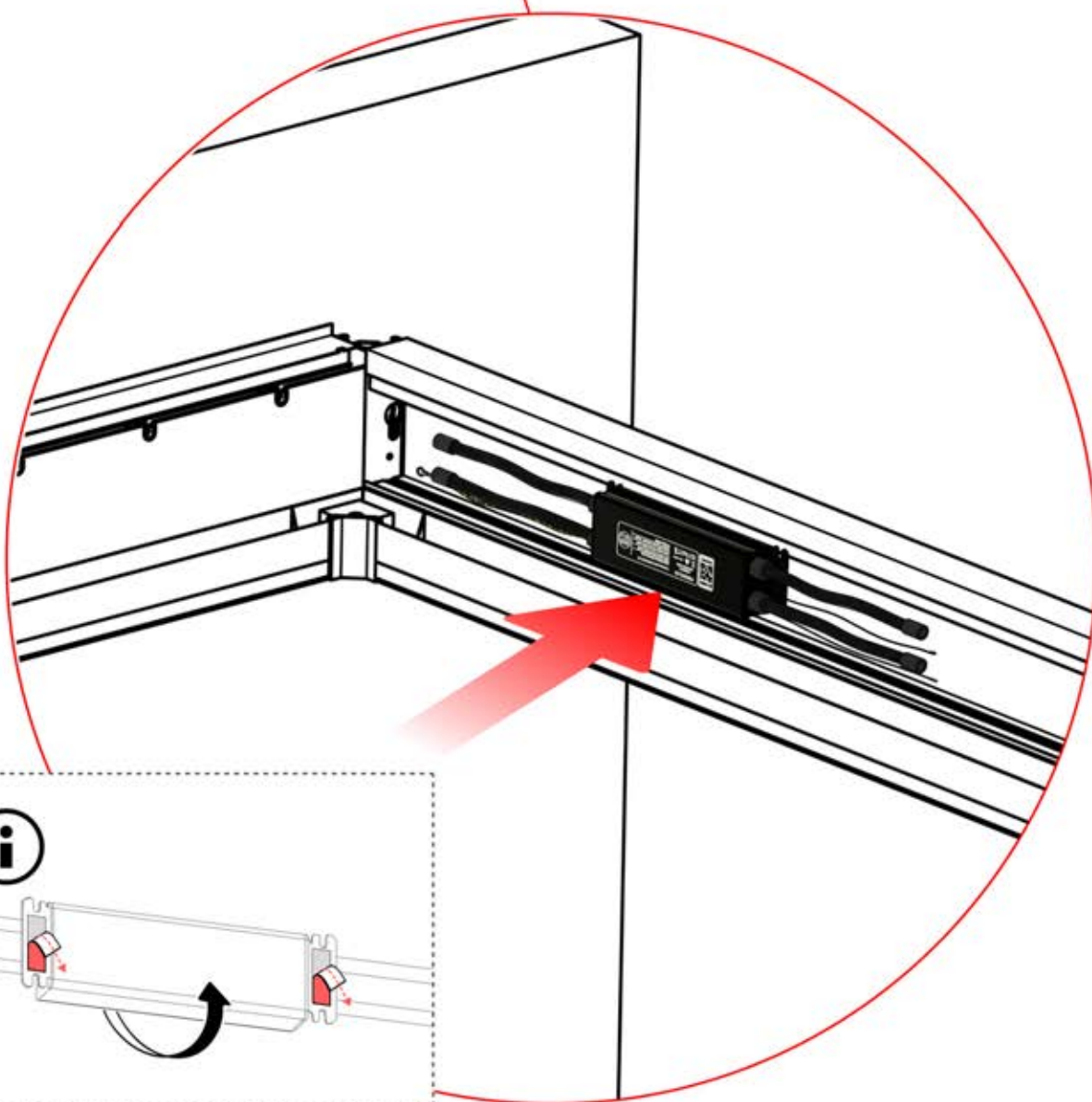
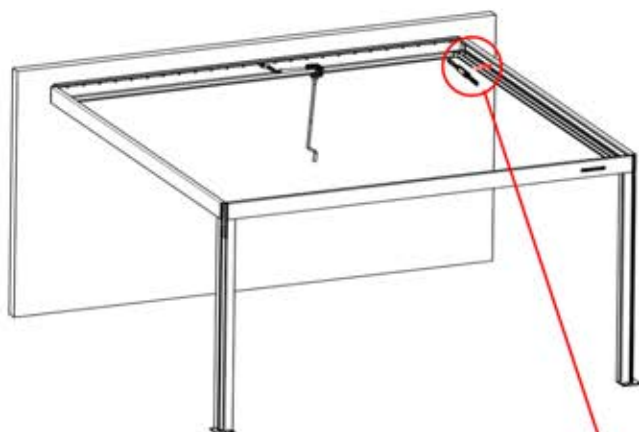
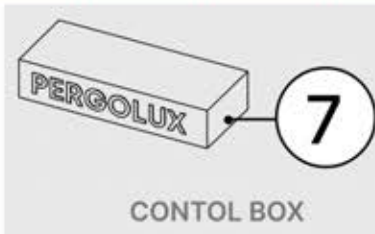
Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.





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

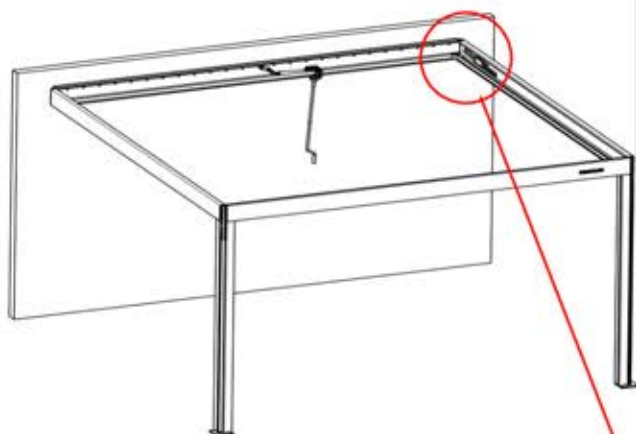
25



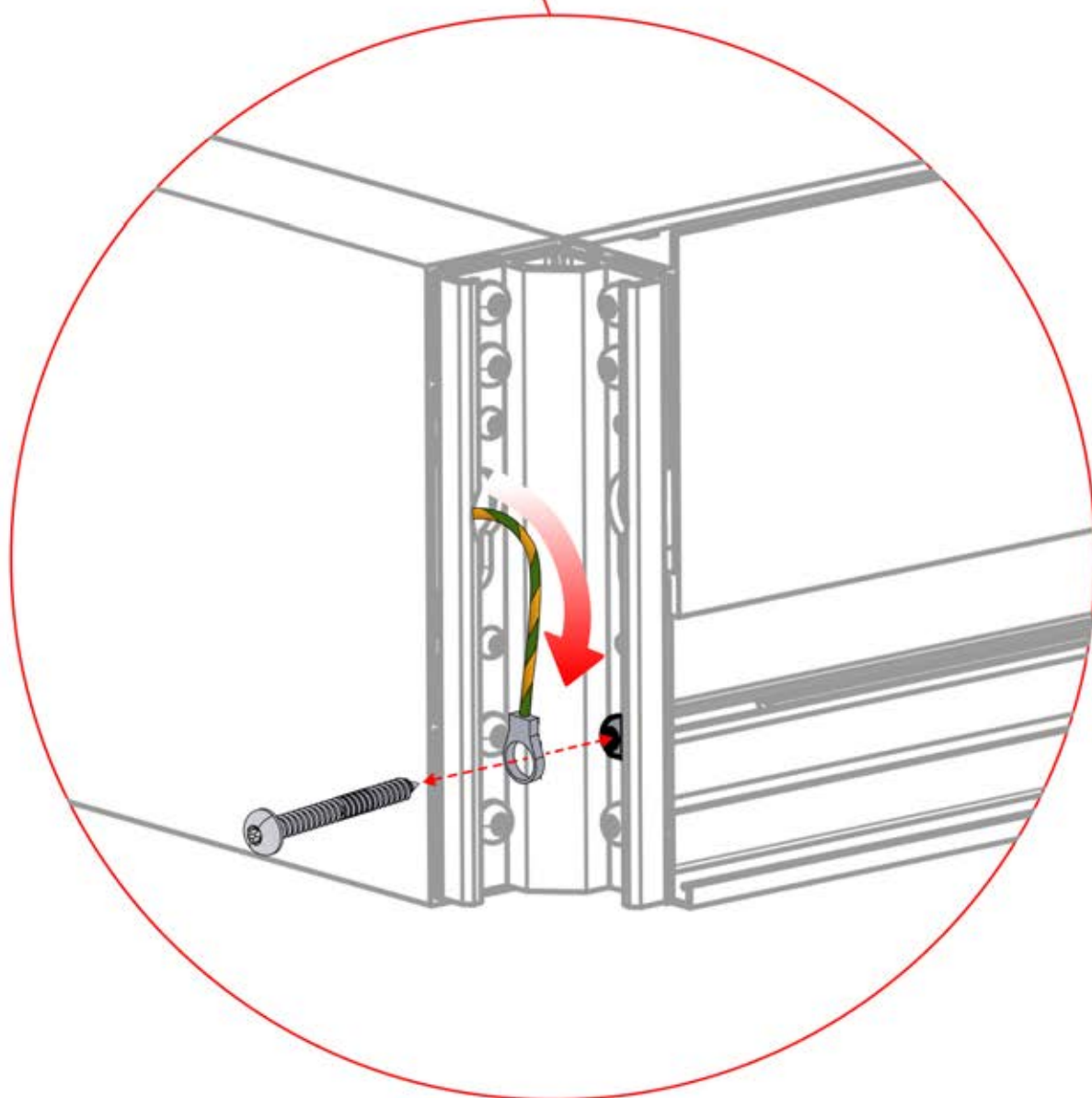


** Only if you ordered LED lights to your pergola.

26



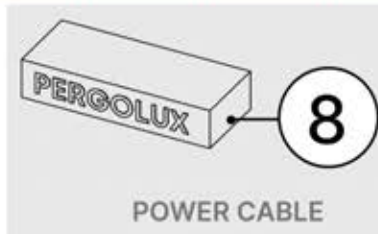
Connect grounding wire before connecting to power!



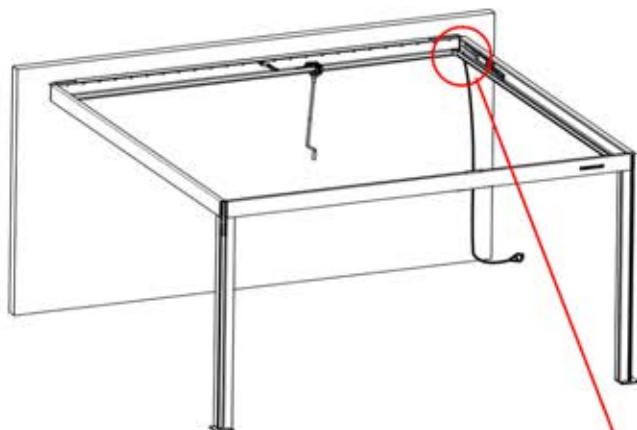


**** Only if you ordered LED lights to your pergola.**

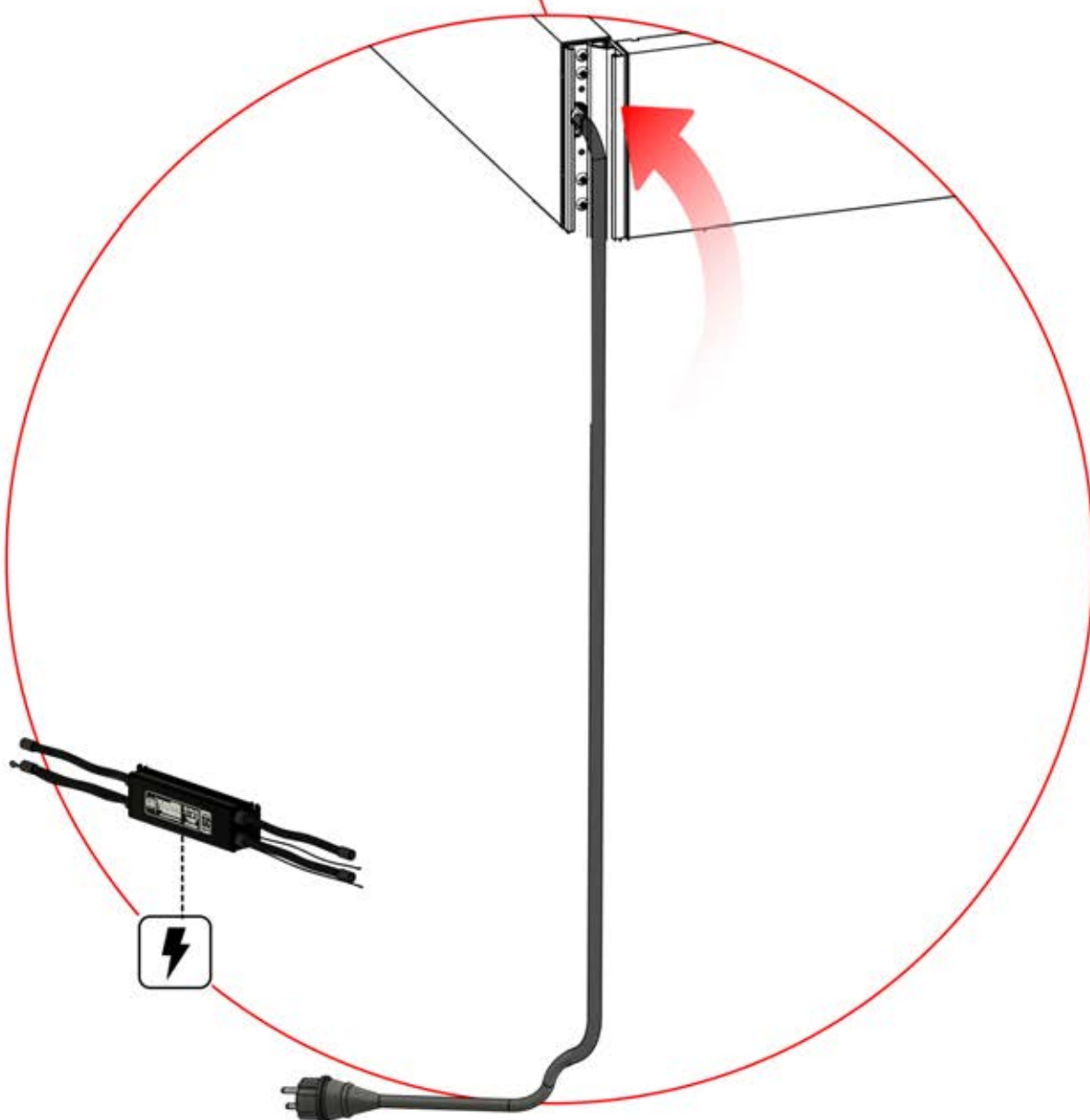
27



power cable
PN-200003781
1x



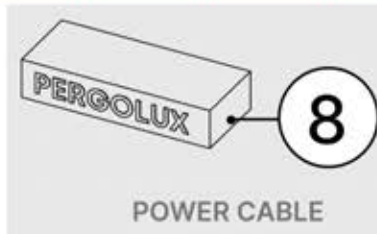
Power Cable can be
routed through all
the Poles.



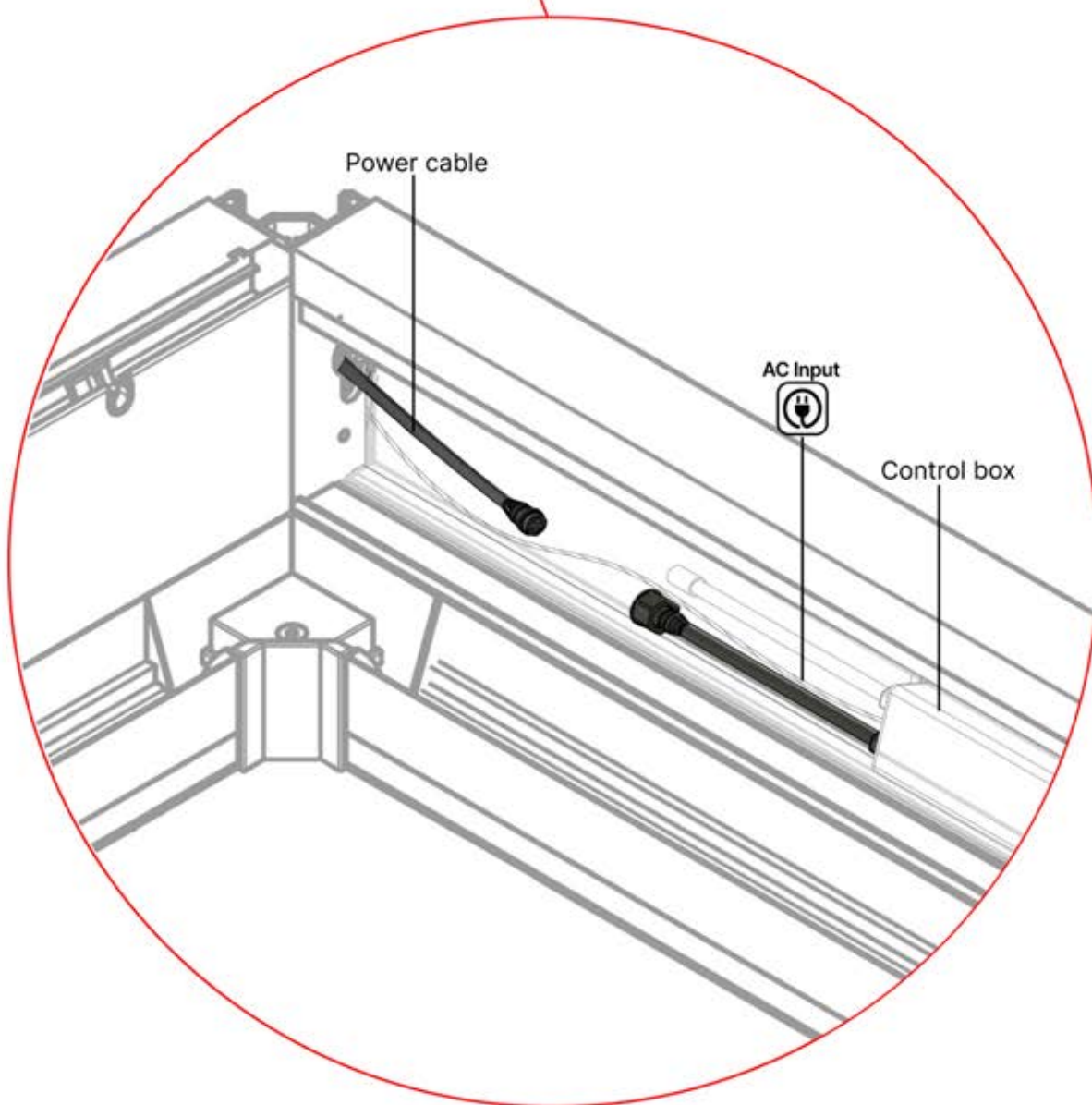
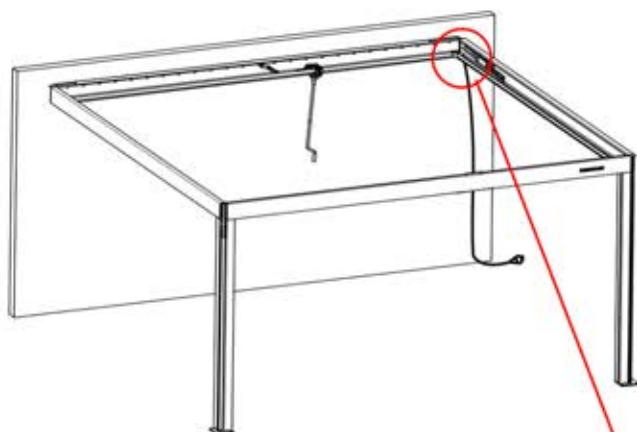


**** Only if you ordered LED lights to your pergola.**

28



power cable
PN-200003781
1x





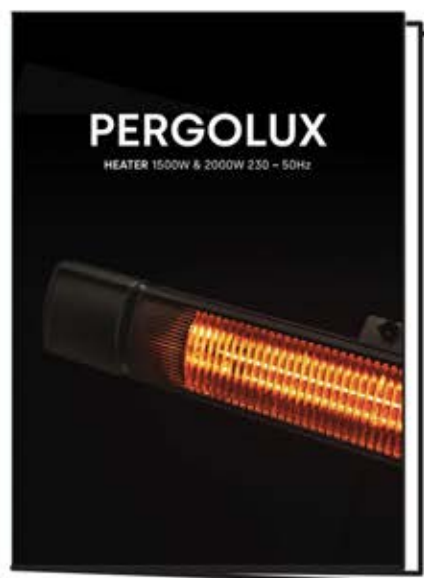
** Only if you ordered LED lights to your pergola.

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.

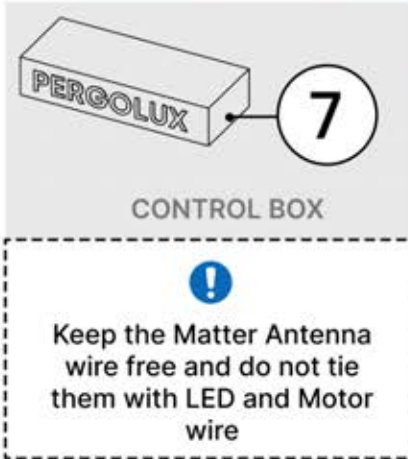
Follow the instruction in the assembly manual.





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

30



S4



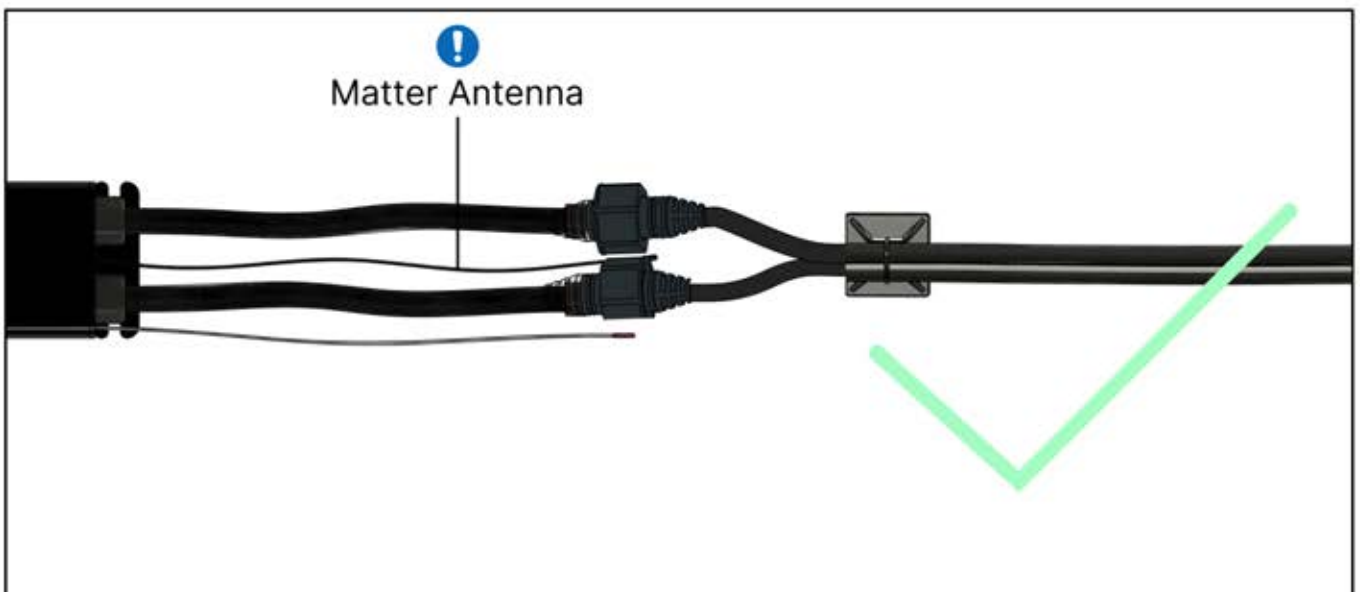
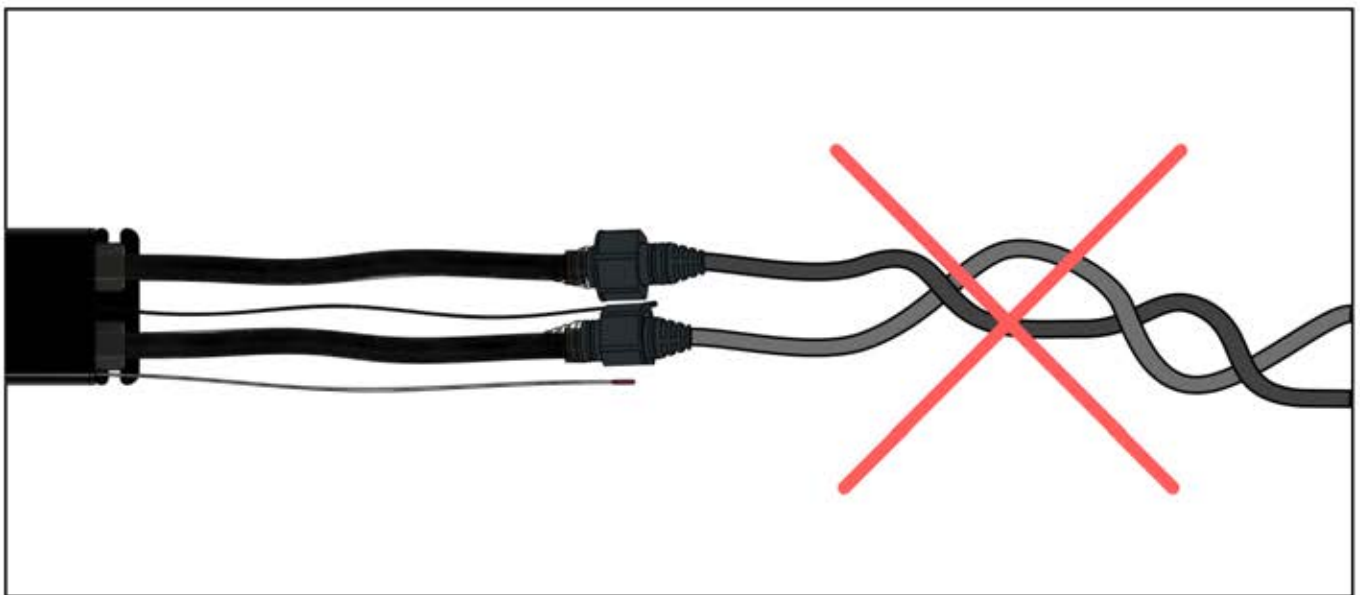
PN-200002683

5x

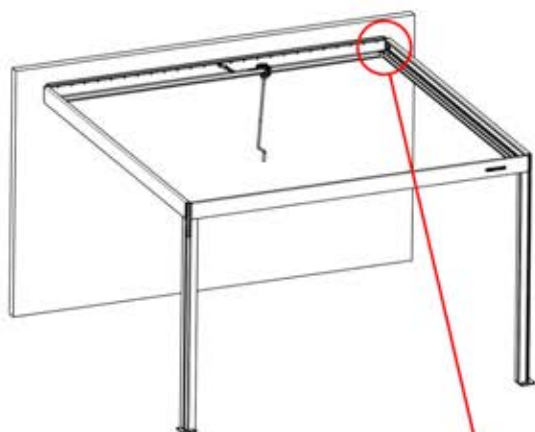


PN-200002684

10x



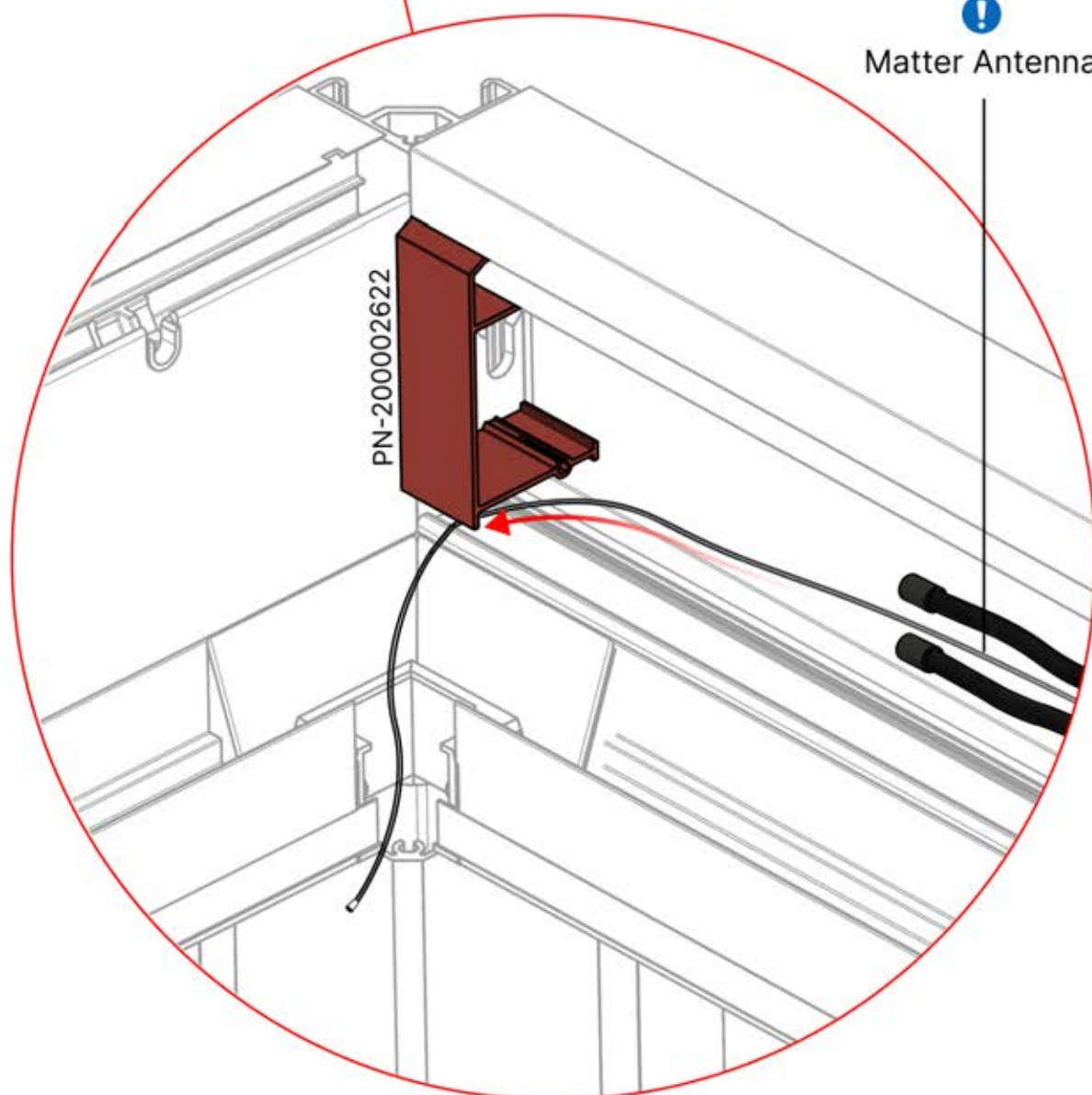
31



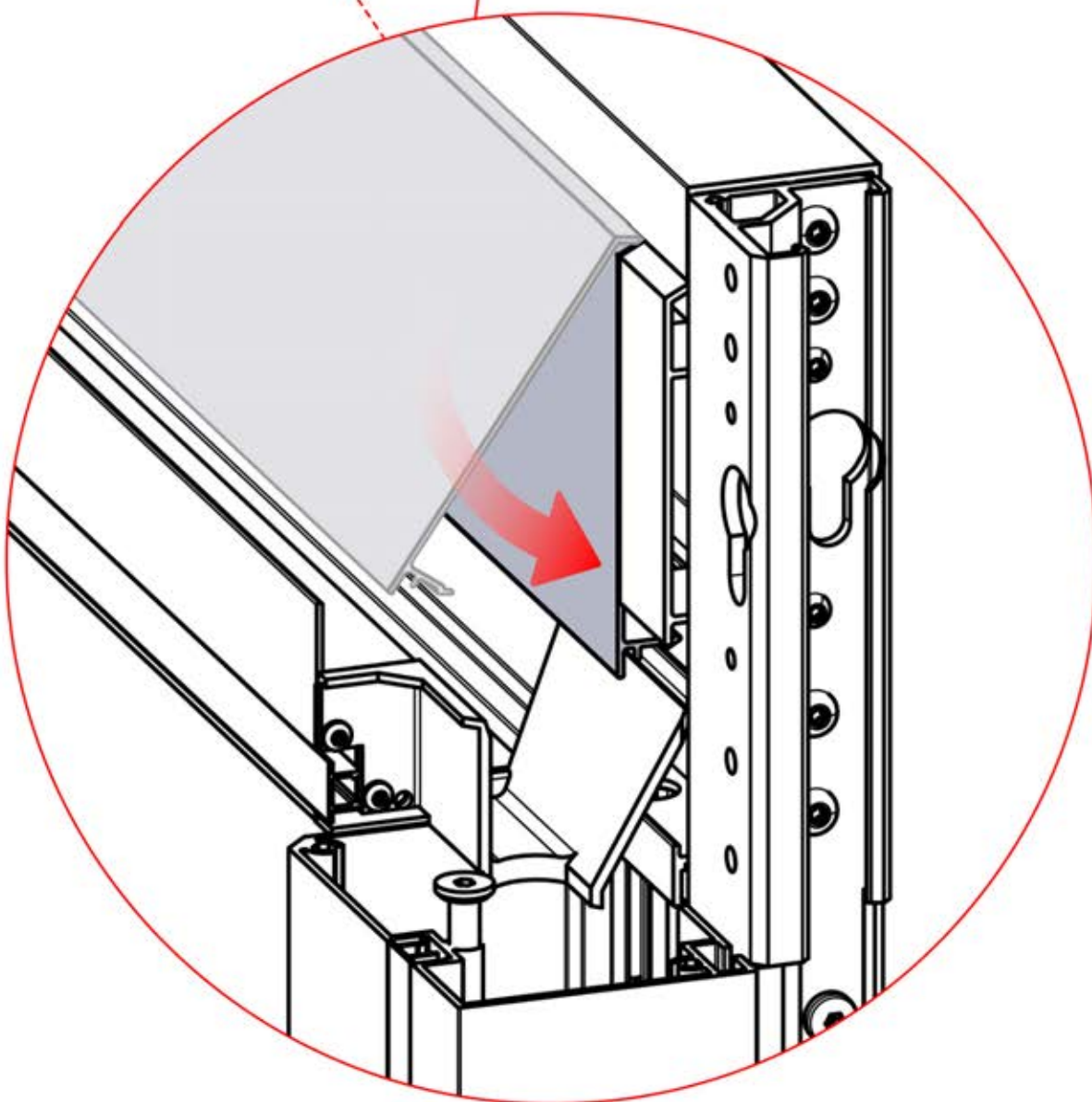
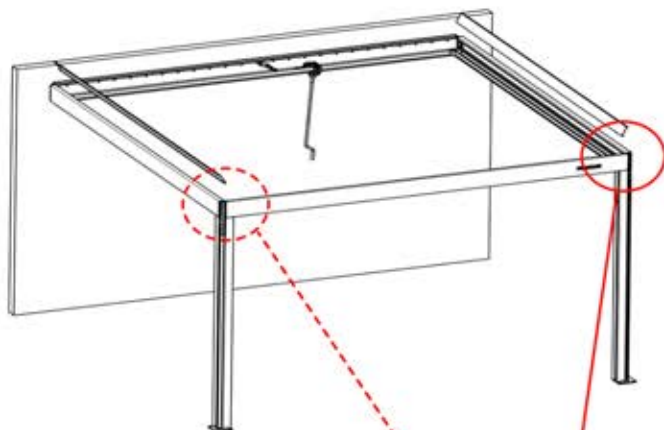
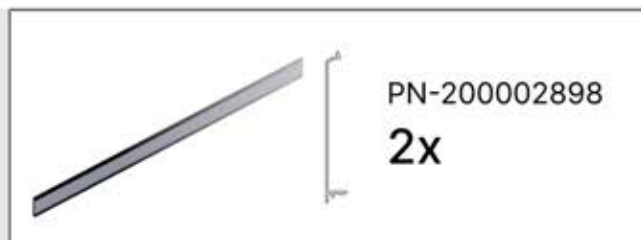
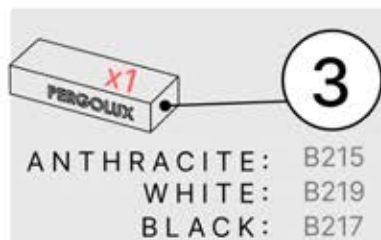
Route the Matter Antenna and place it below the highlighted part(PN-200002622).



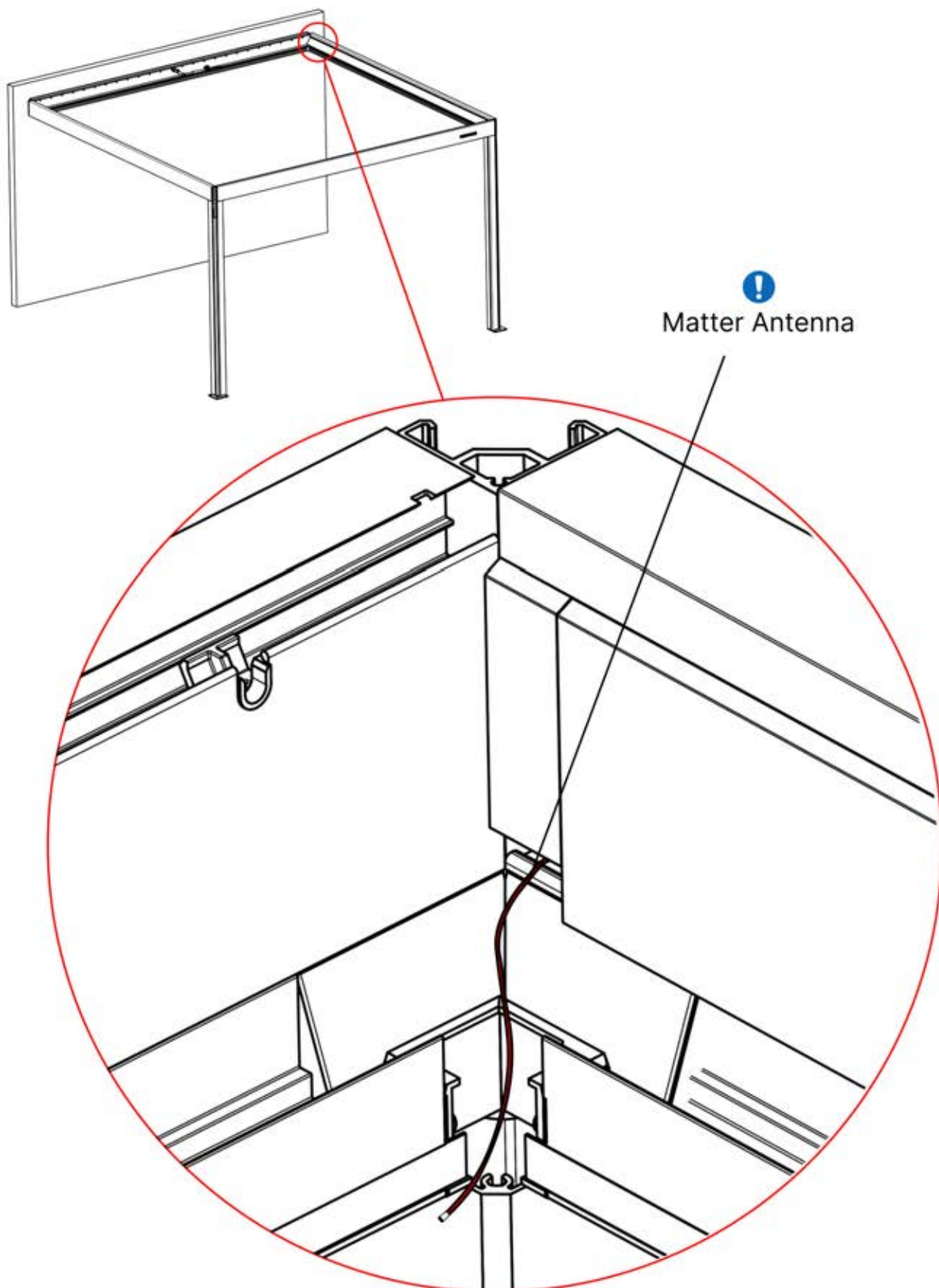
Matter Antenna



32



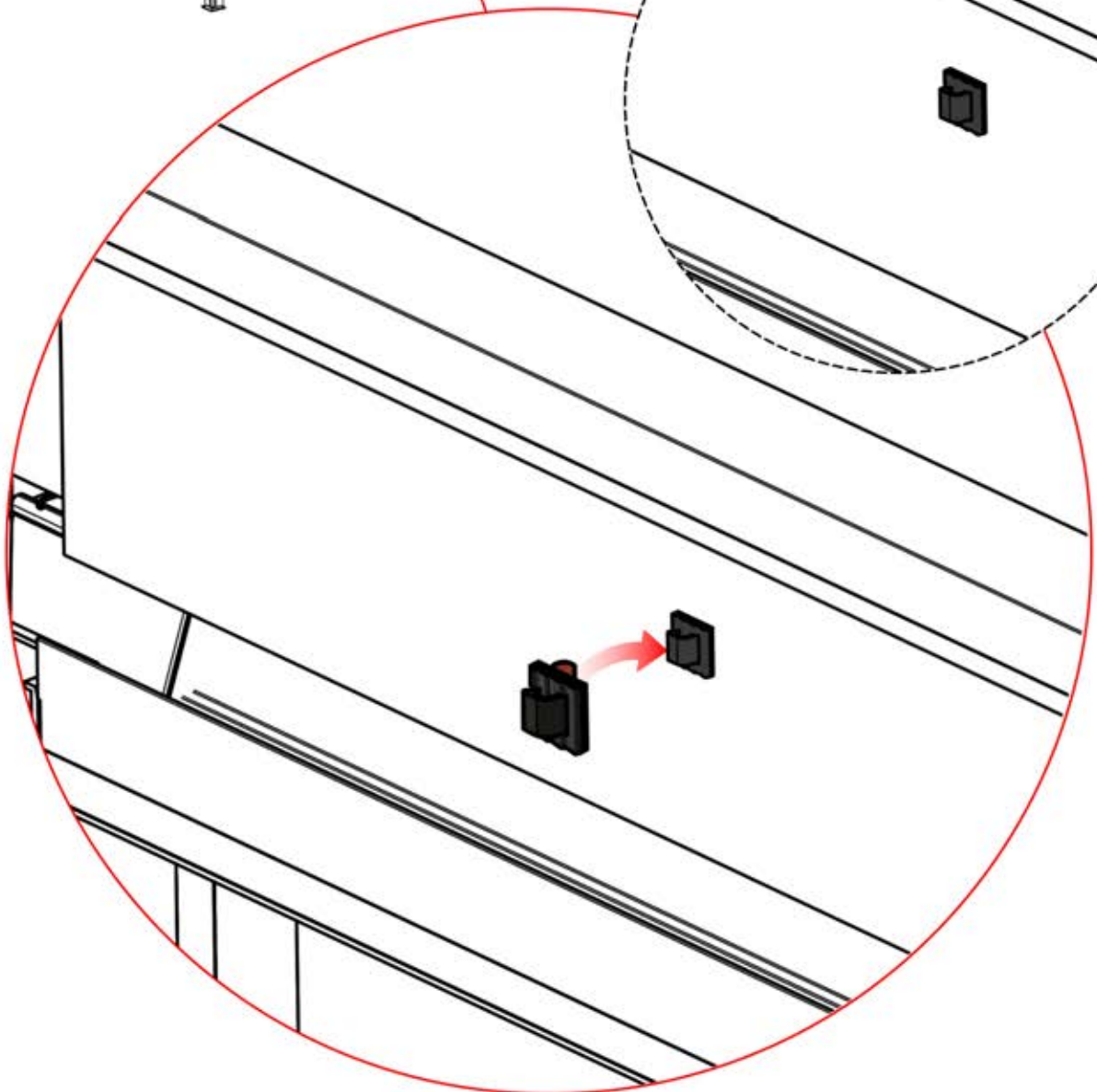
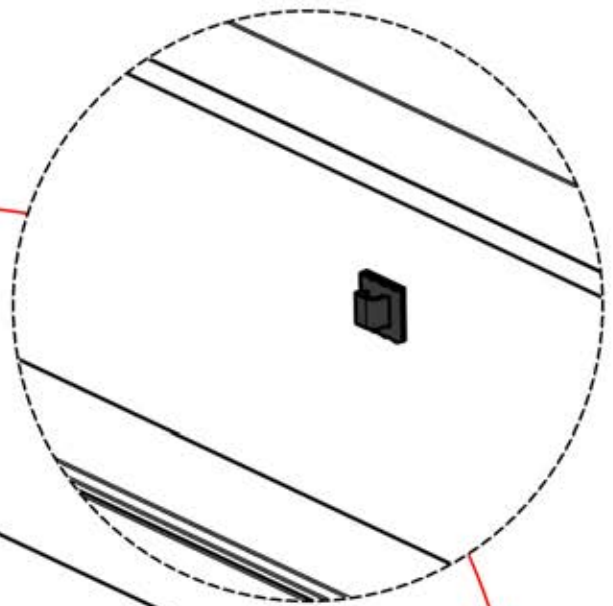
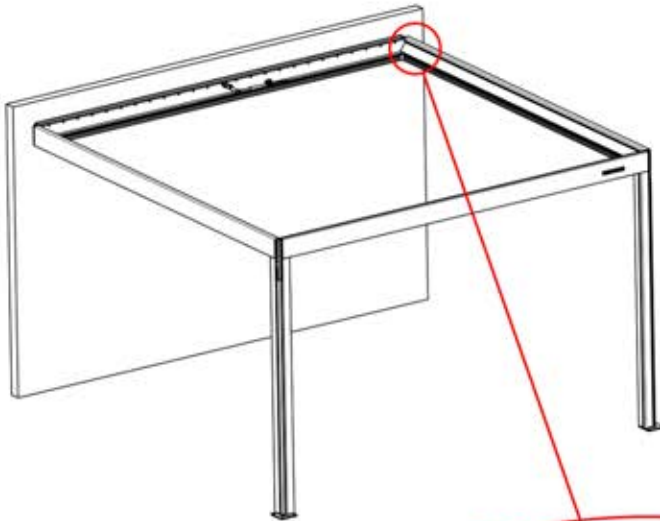
INFORMATION



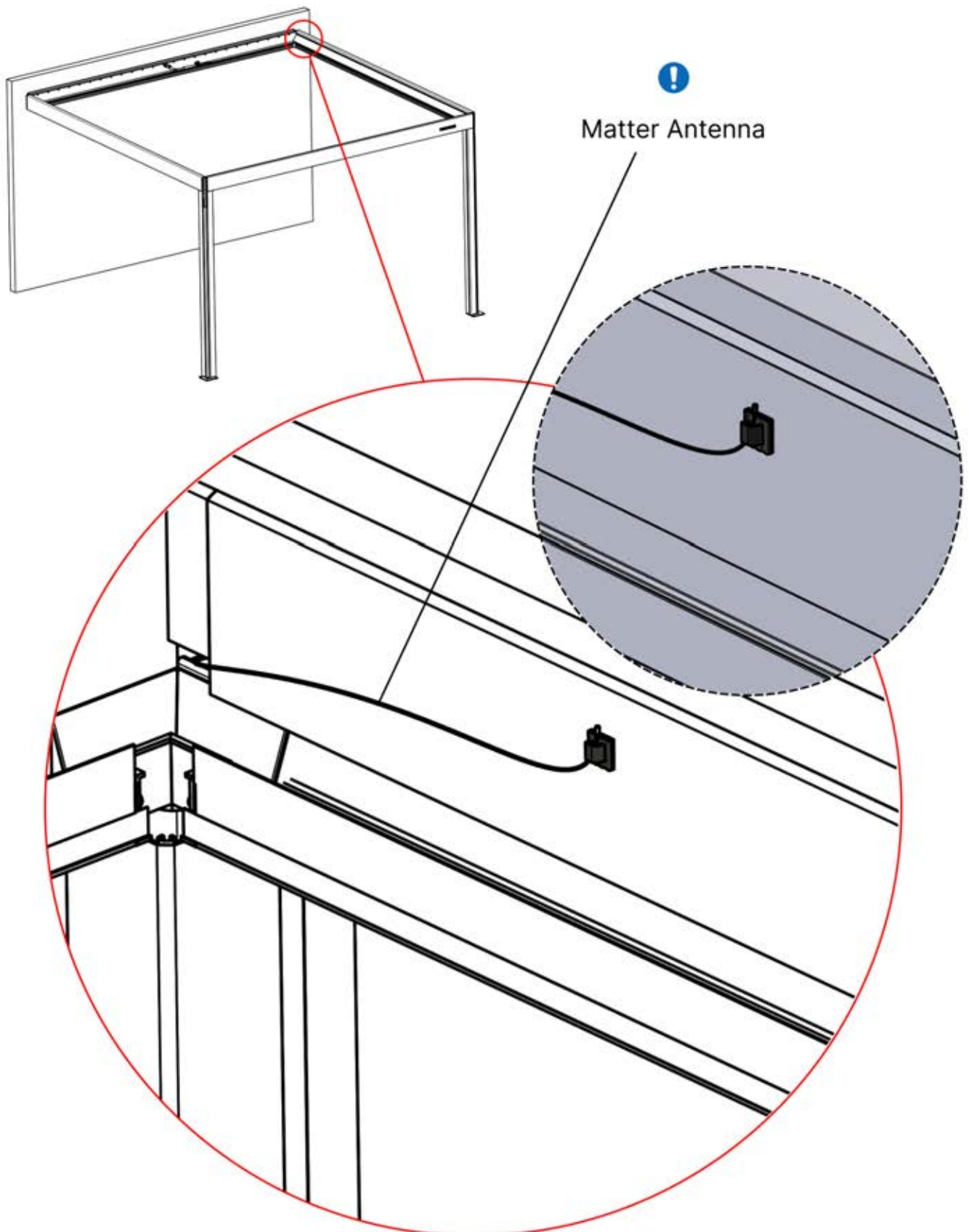
33



Matter Antenna Clip
1x



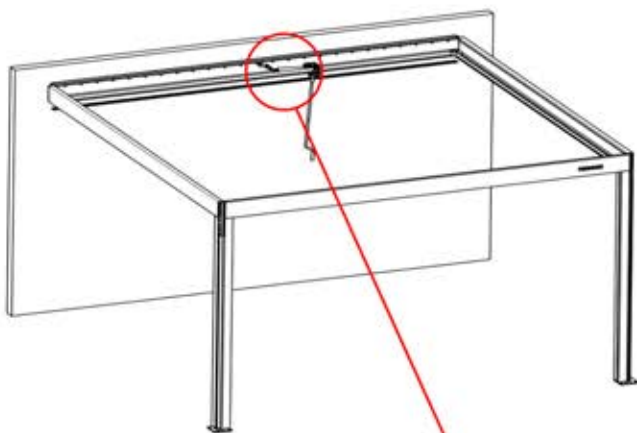
34



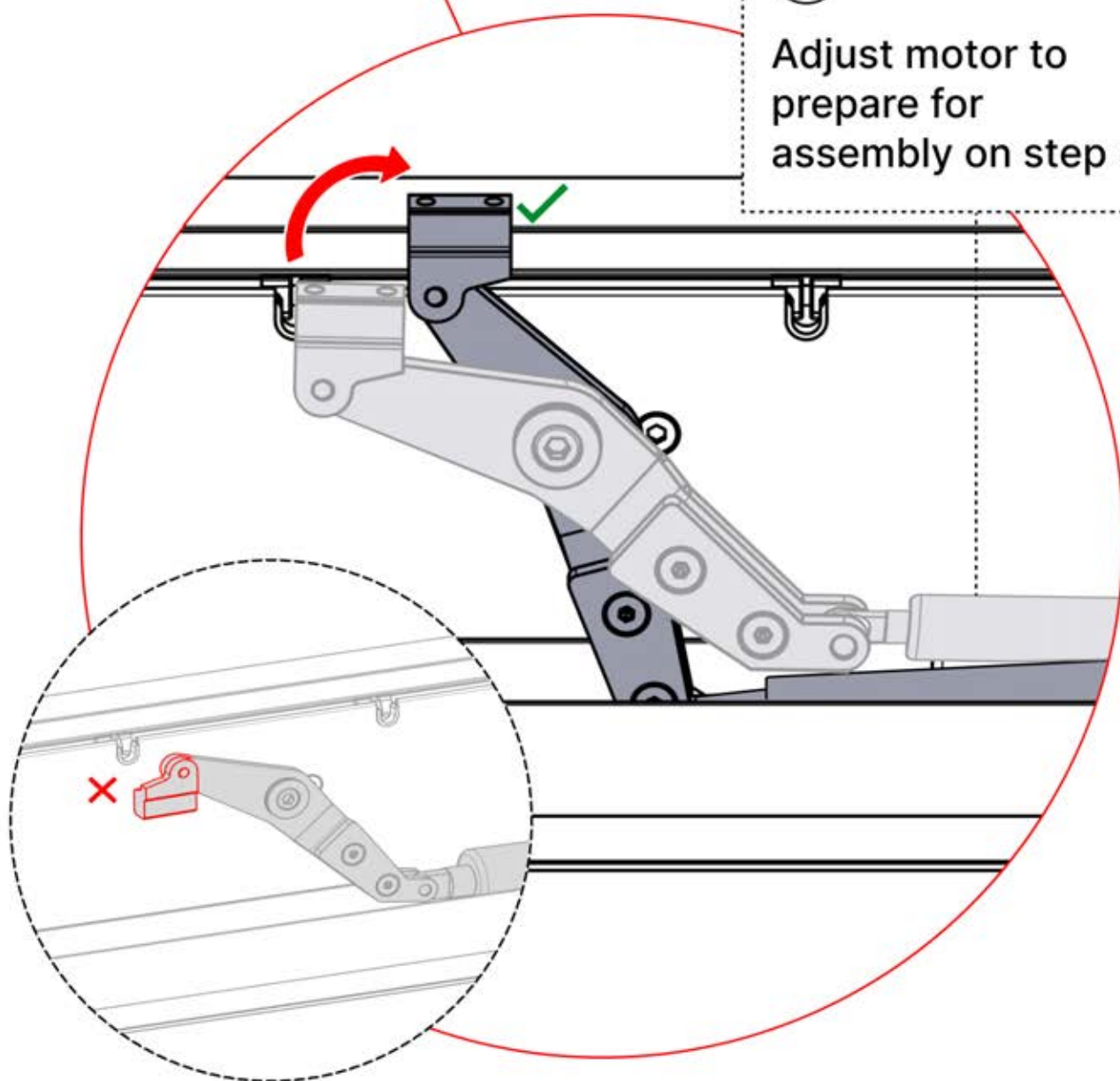
35



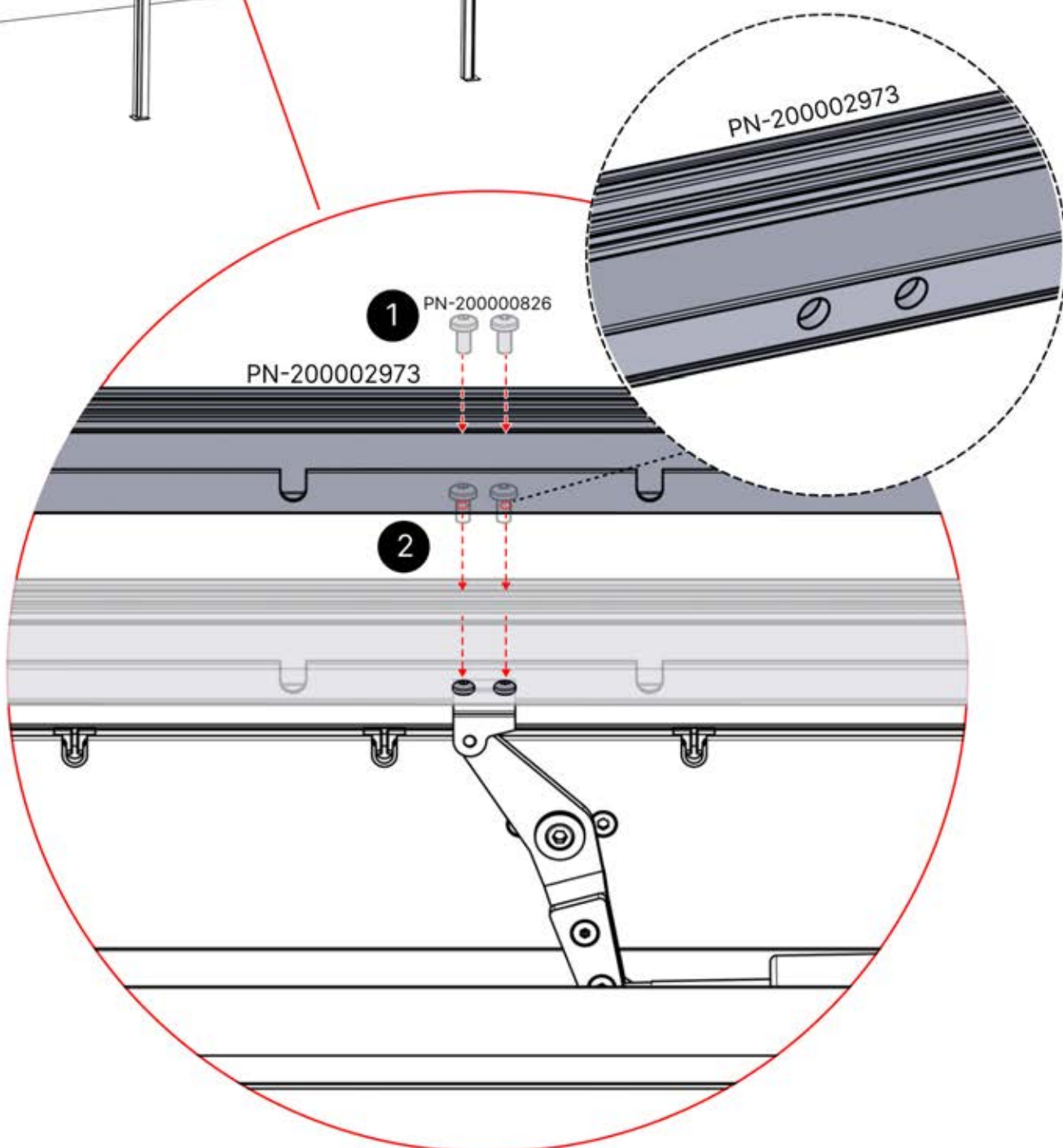
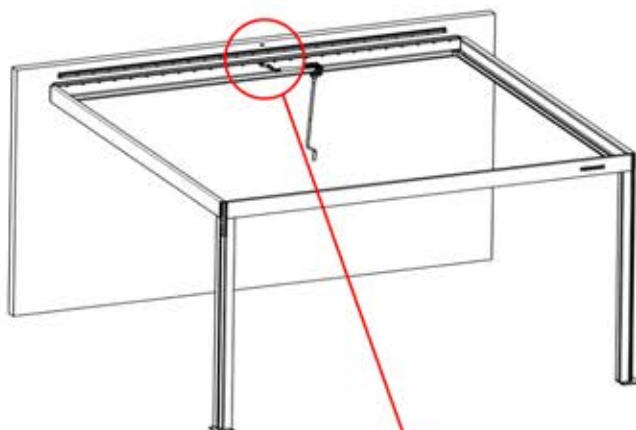
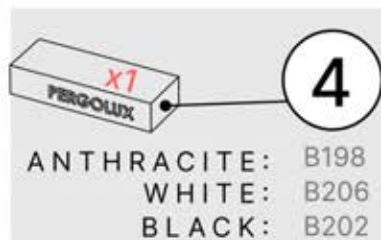
Hand Crank



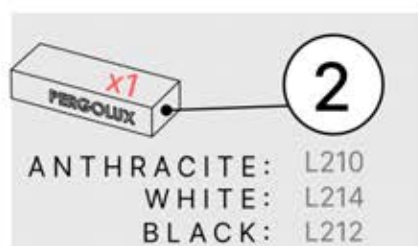
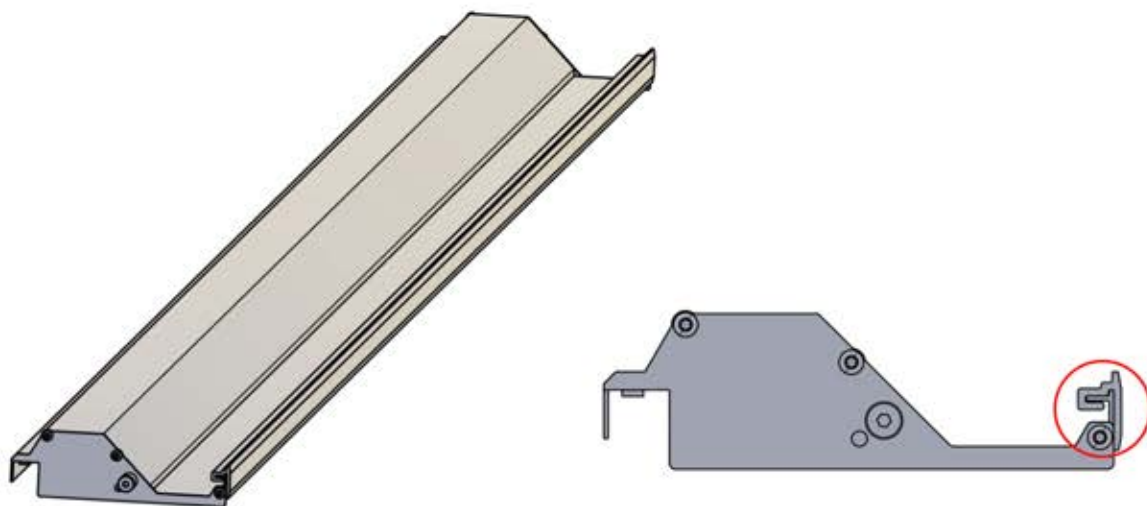
Adjust motor to
prepare for
assembly on step 36



36

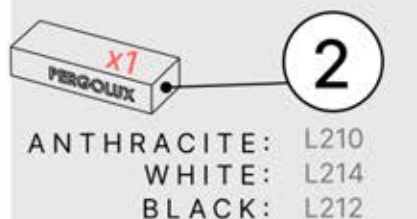
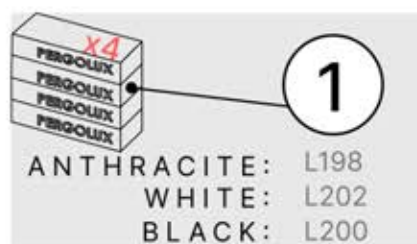
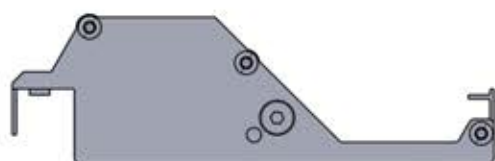


PERGOLA LOUVERS



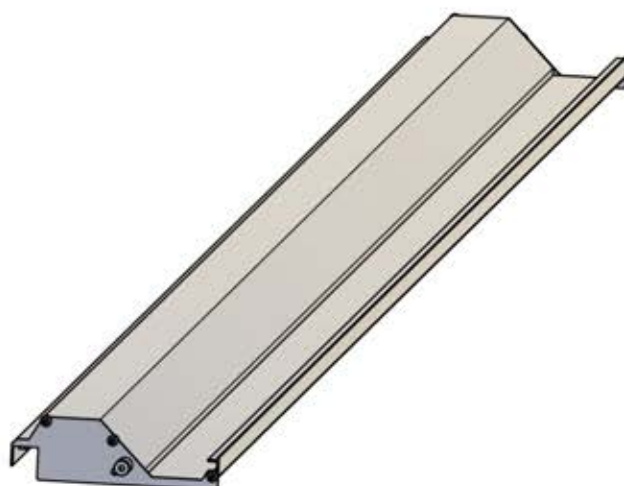
P.PERGOLA 4M FS END LOUVER
PN-200002892

1x

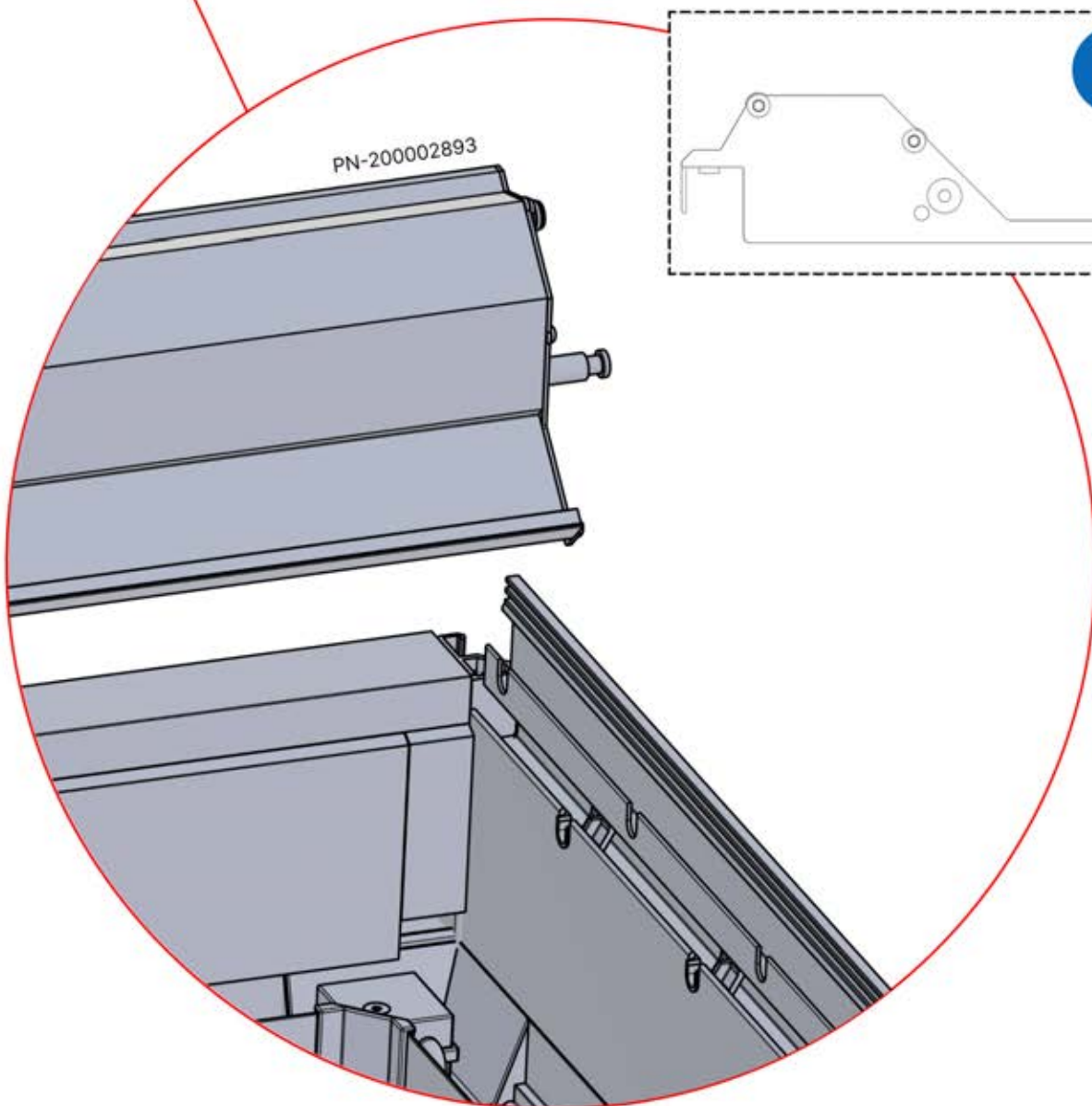
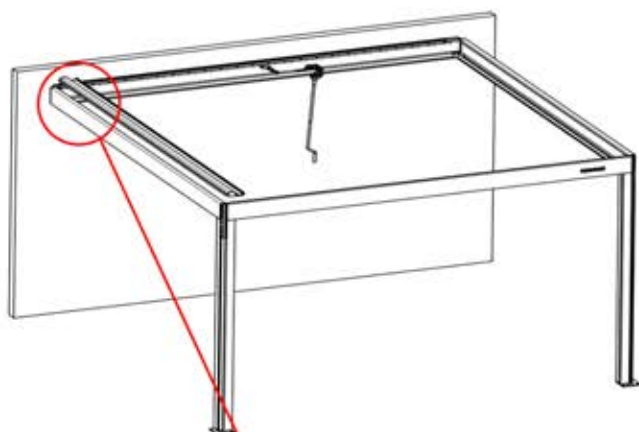
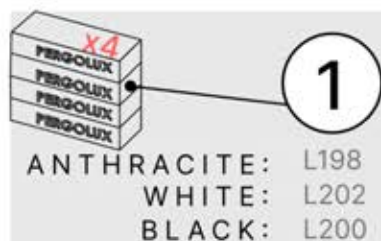


P.PERGOLA 4M FS LOUVER
PN-200002893

30x



37



38



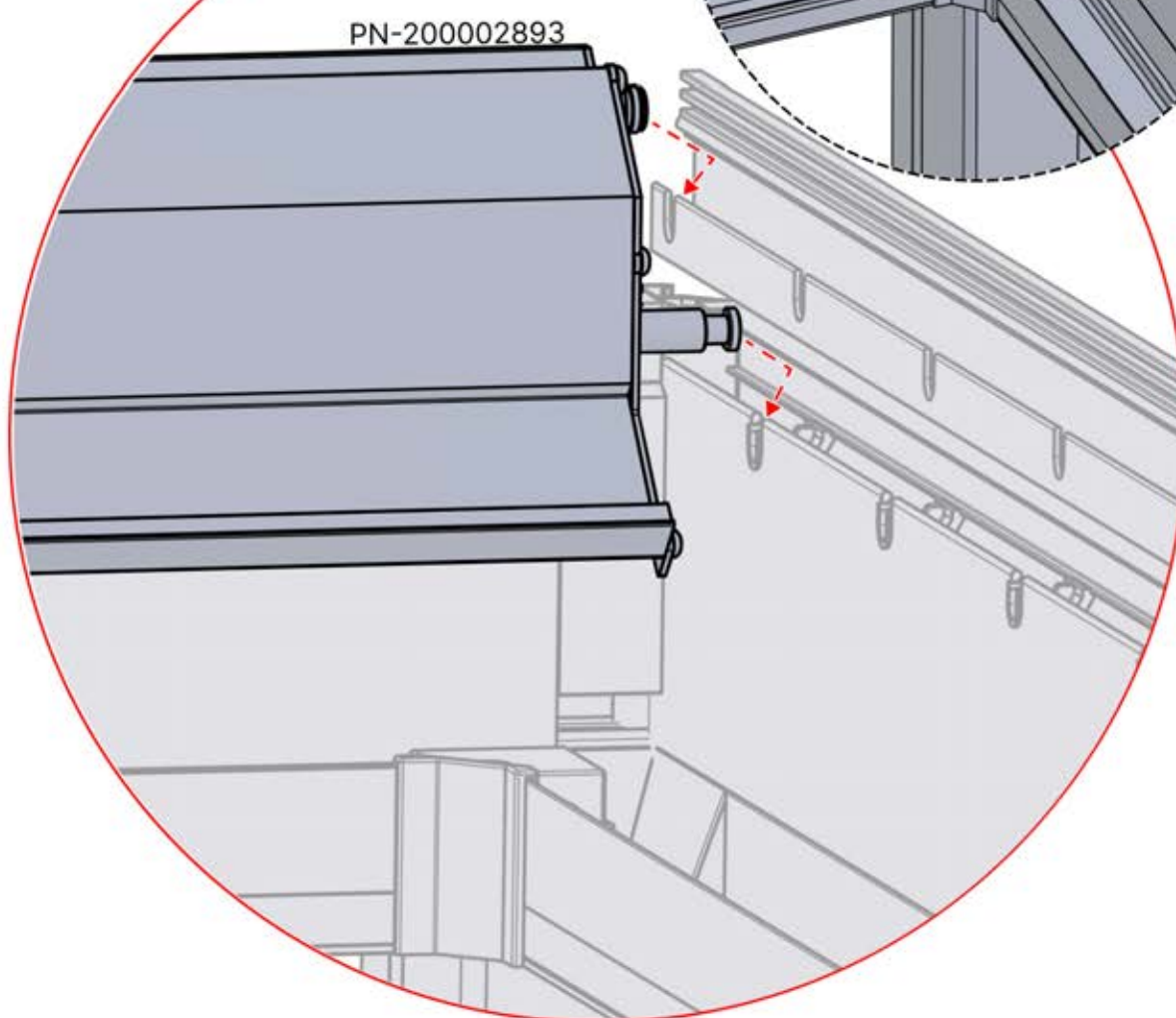
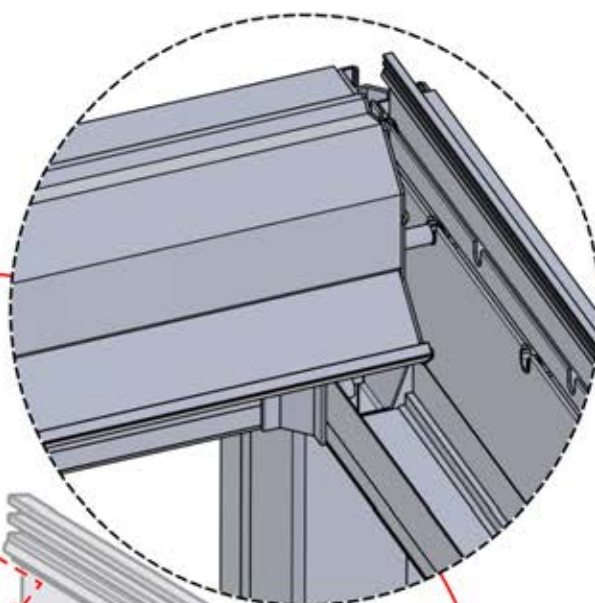
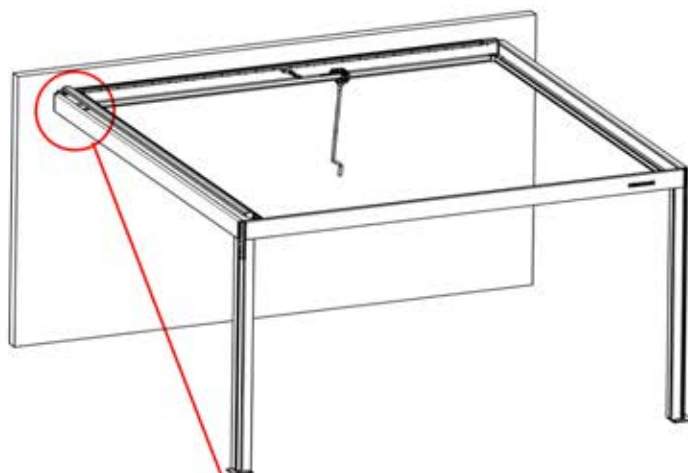
1

ANTHRACITE: L198
WHITE: L202
BLACK: L200



PN-200002893

1x

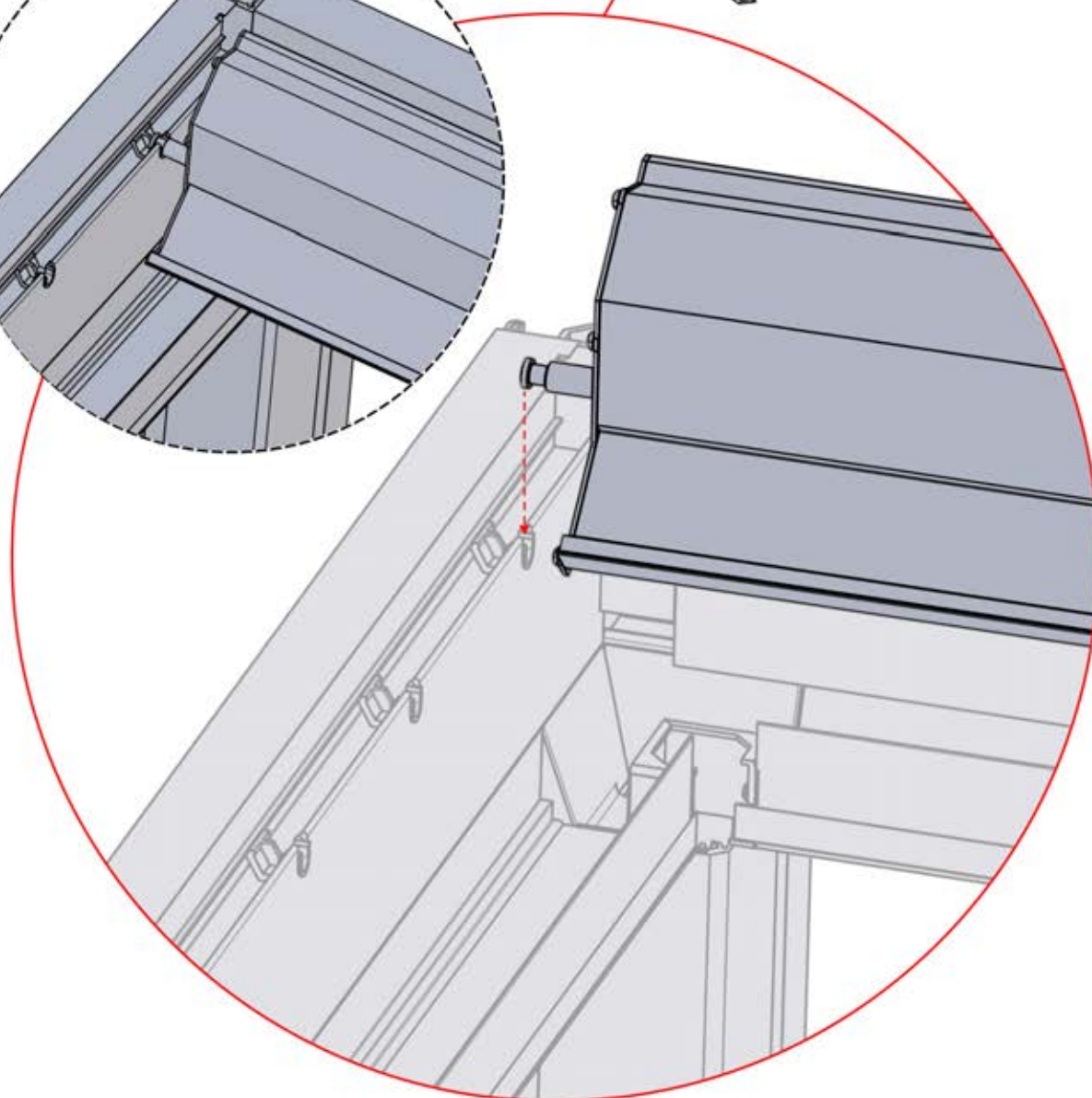
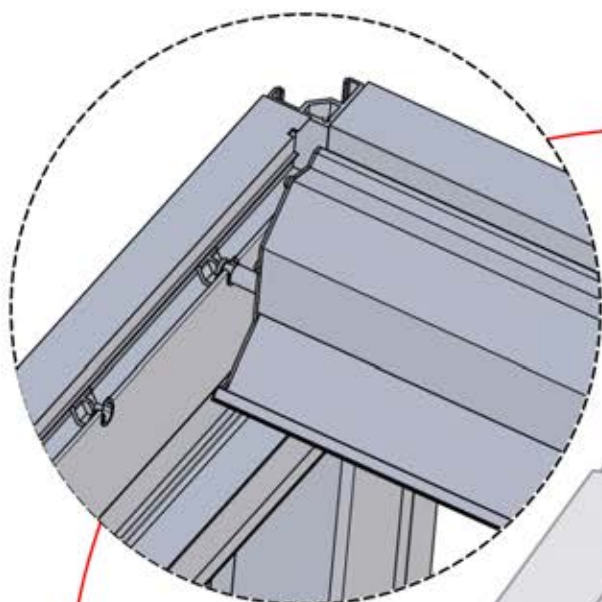
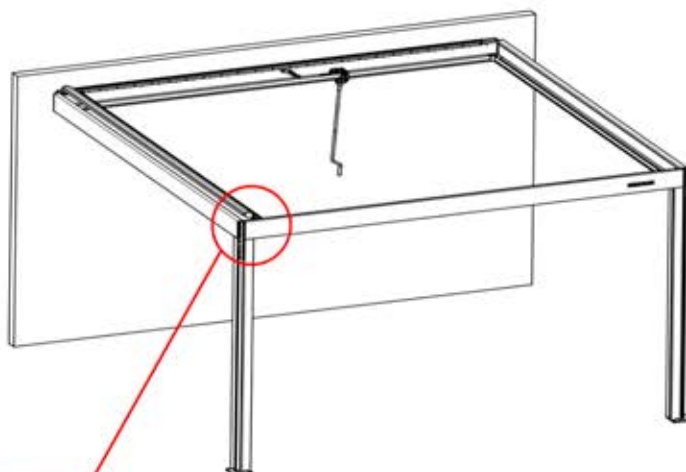


39



1

ANTHRACITE: L198
WHITE: L202
BLACK: L200



40



4

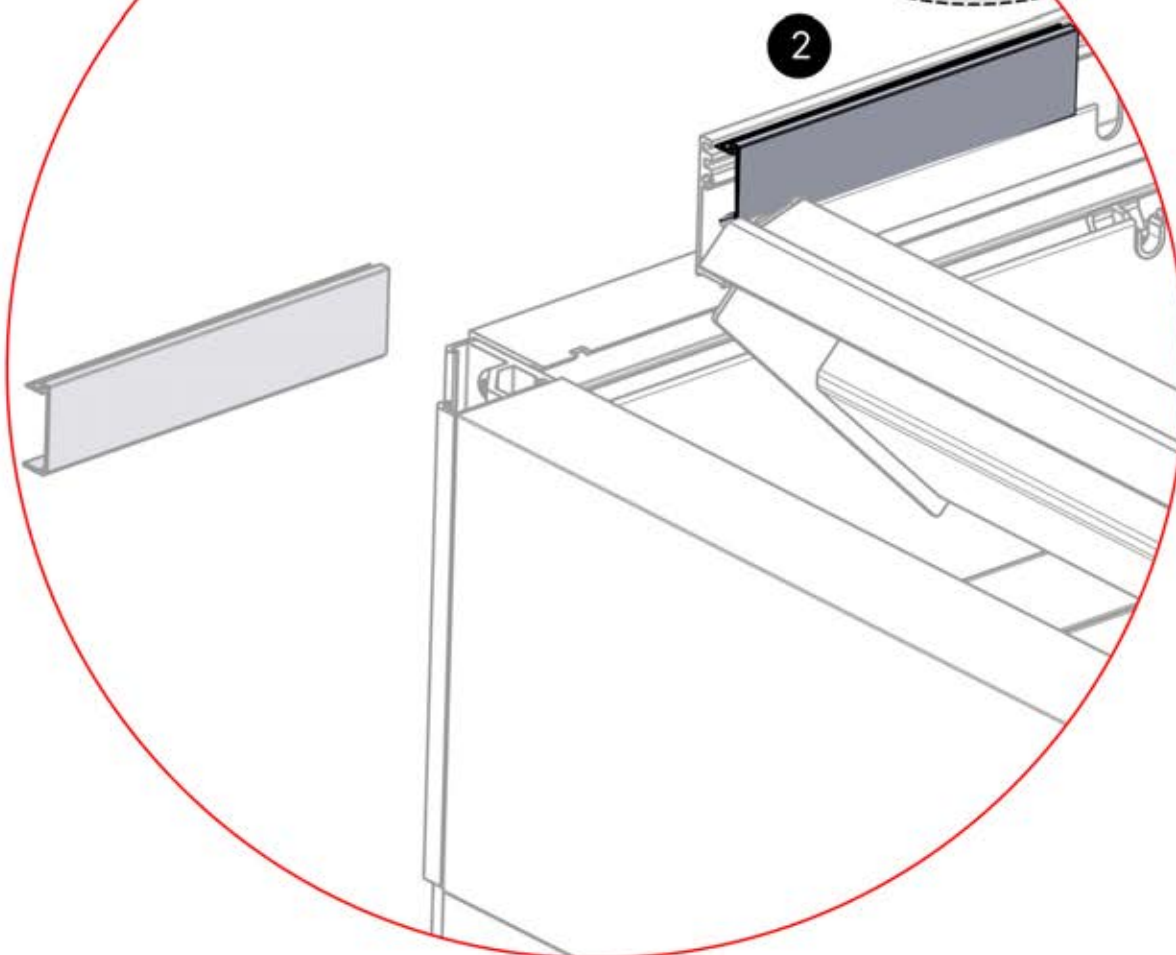
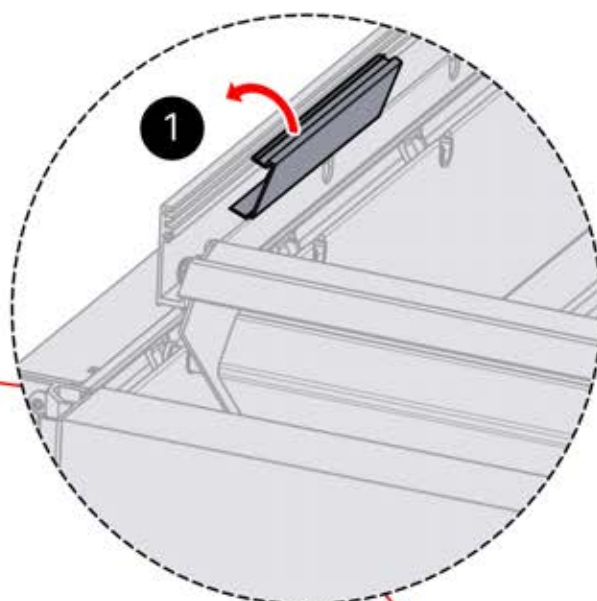
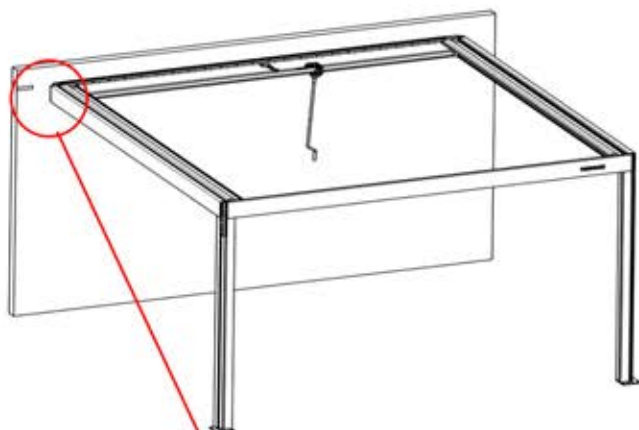
ANTHRACITE: B198
WHITE: B206
BLACK: B202



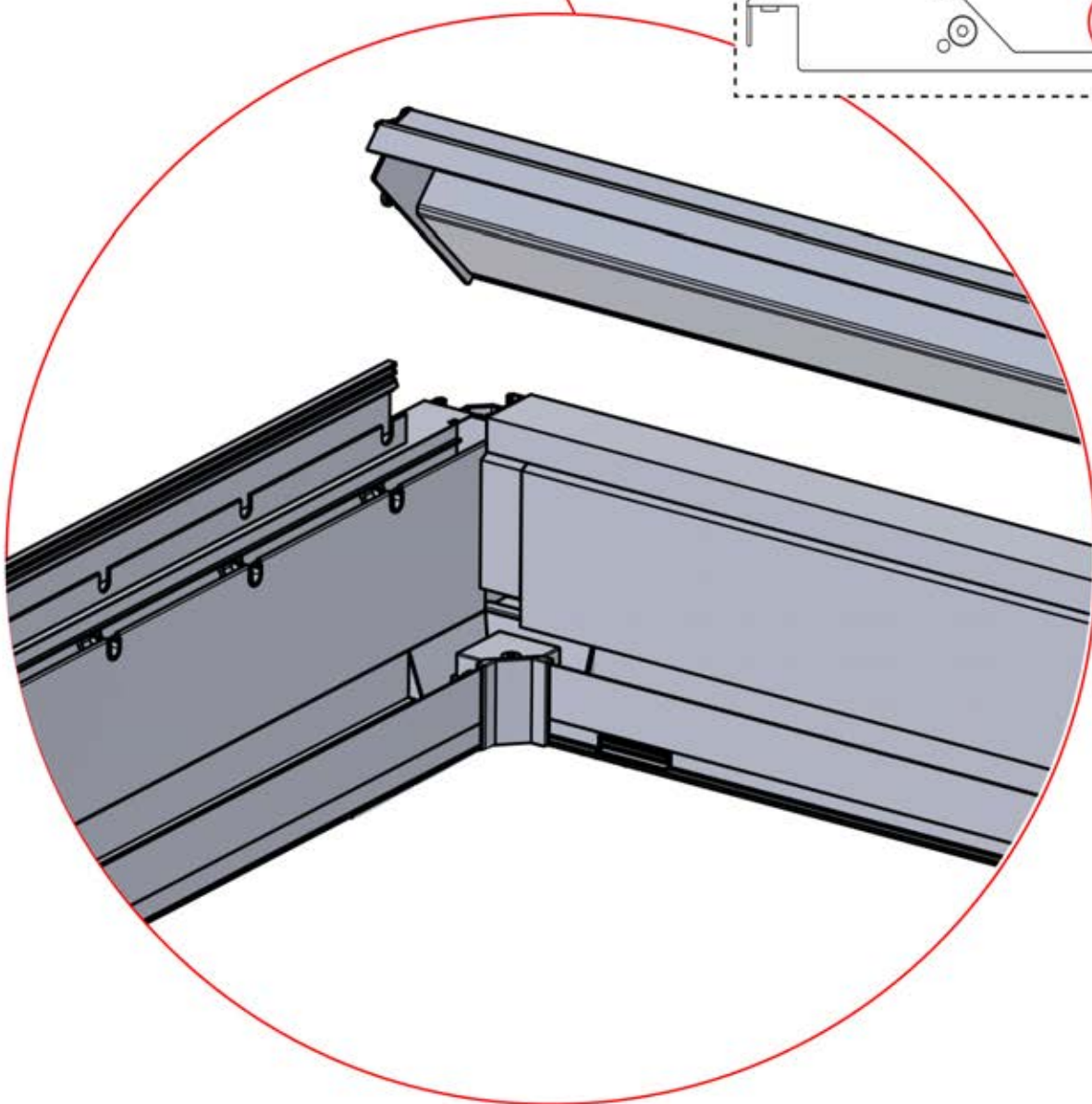
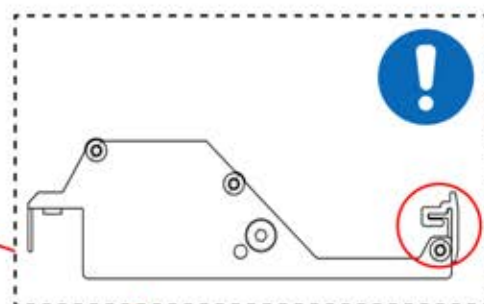
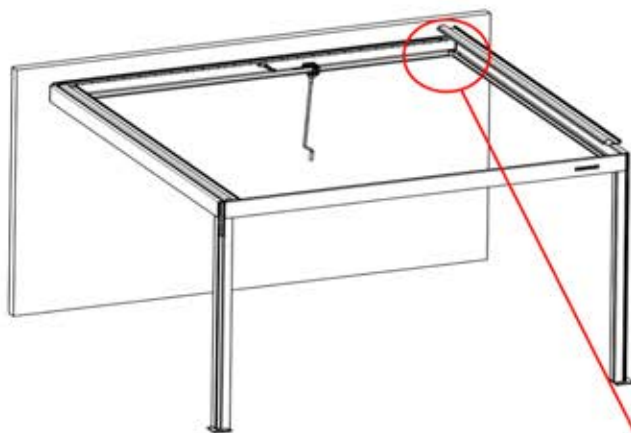
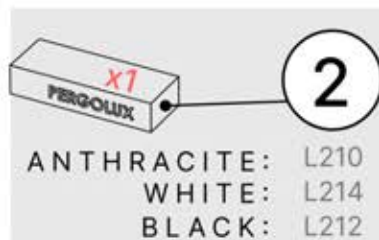
PN-200003033

1x

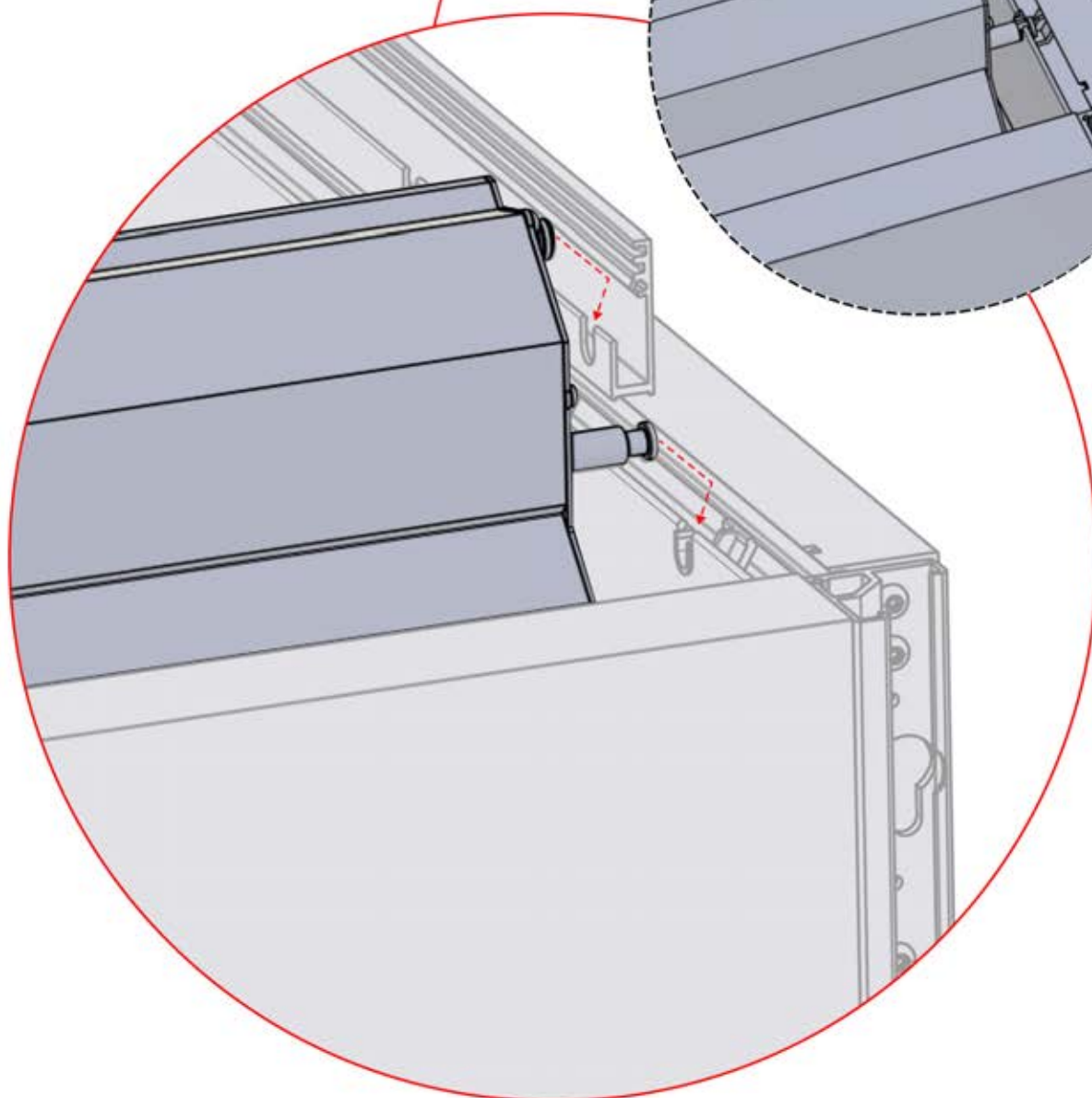
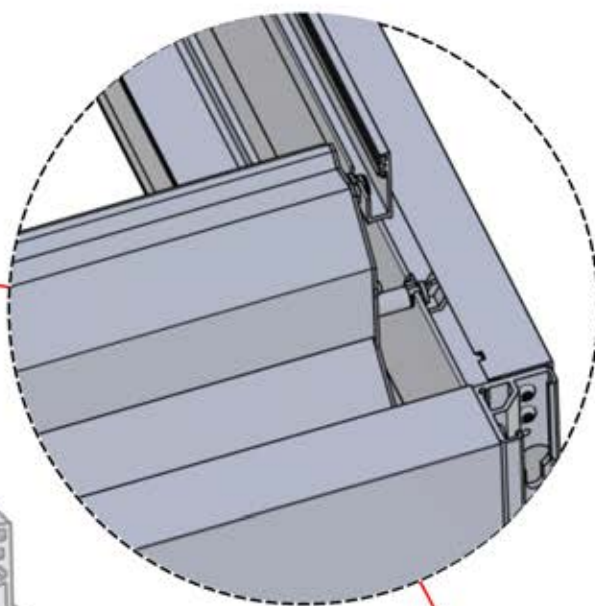
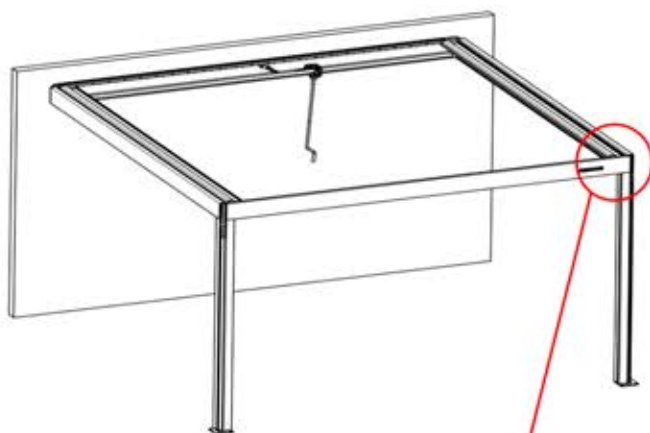
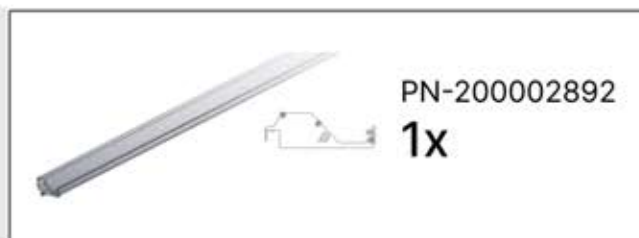
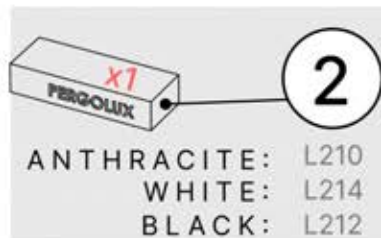
PN-20000
3278



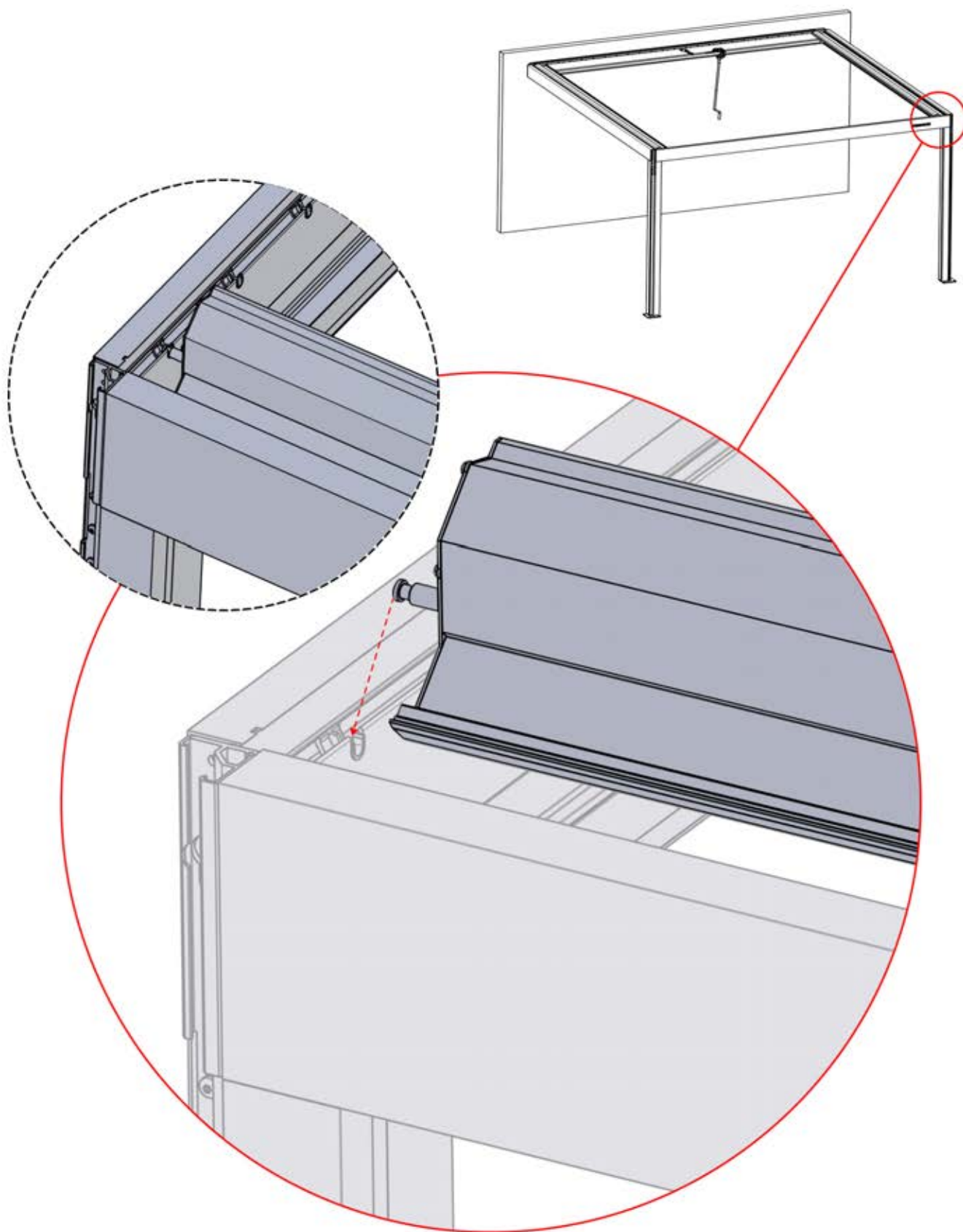
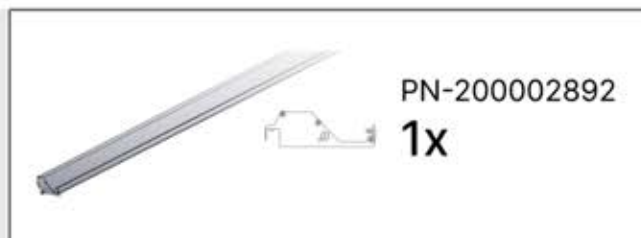
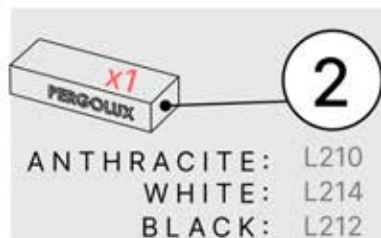
41



42



43



44



4

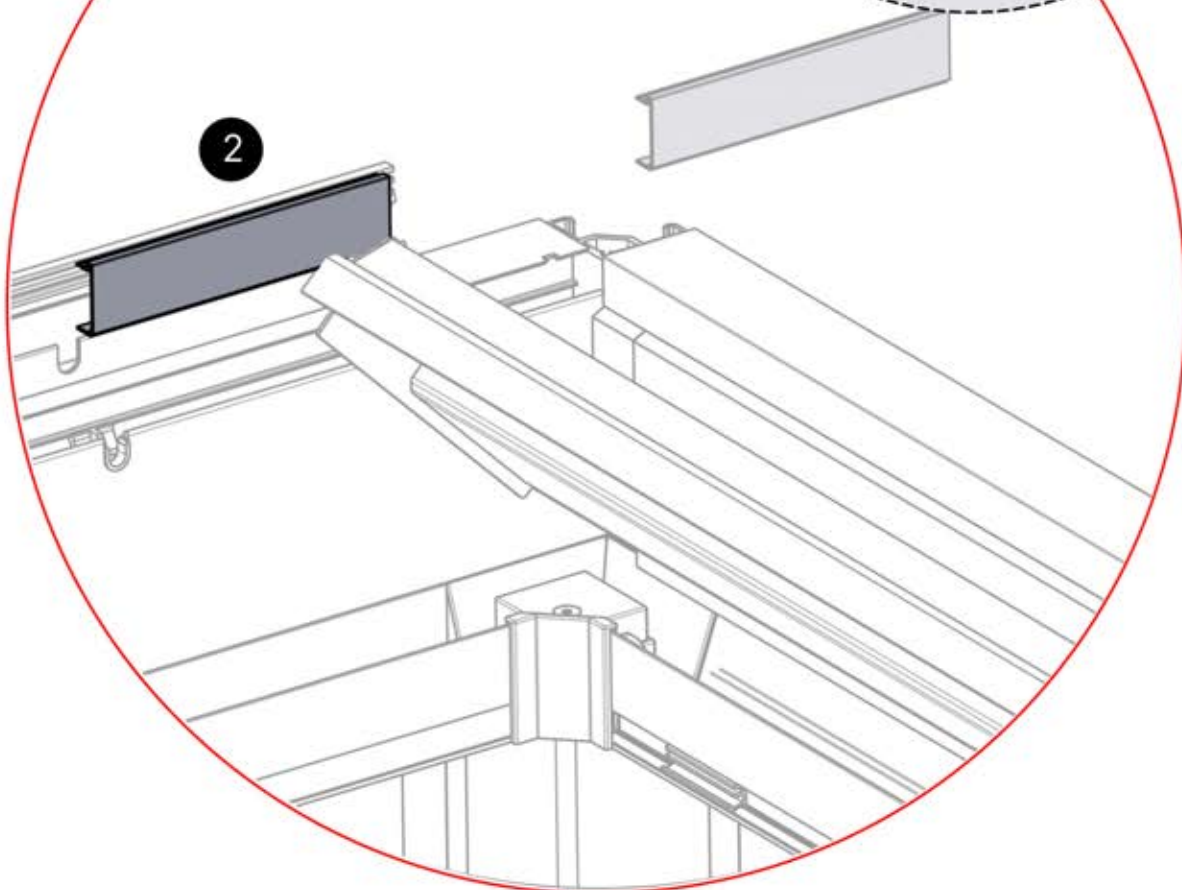
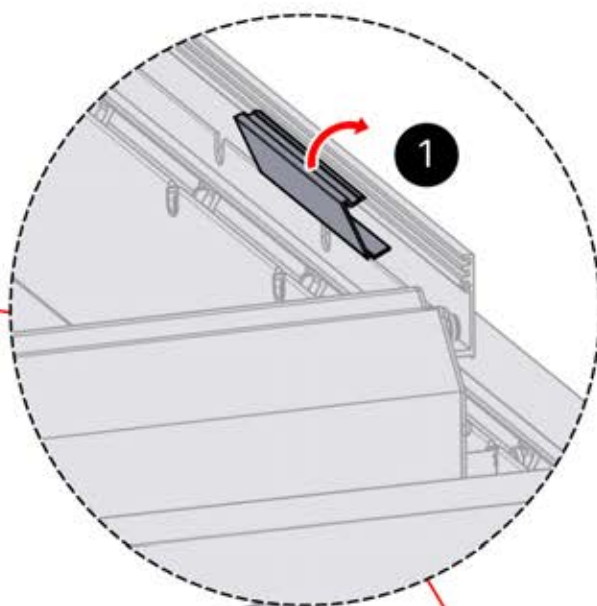
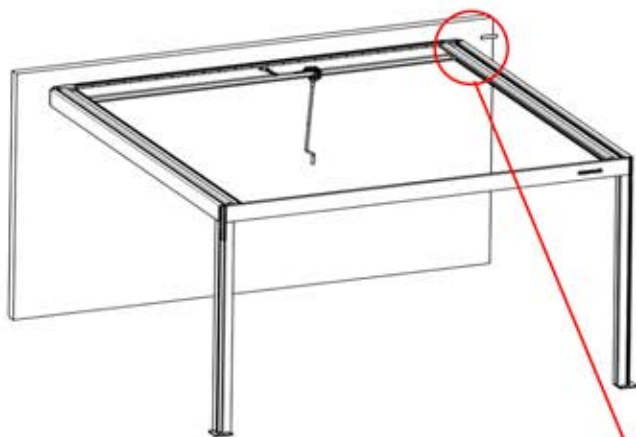
ANTHRACITE: B198
WHITE: B206
BLACK: B202



PN-200003033

1x

PN-20000
3278



45

1

x4
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

ANTHRACITE: L198
WHITE: L202
BLACK: L200

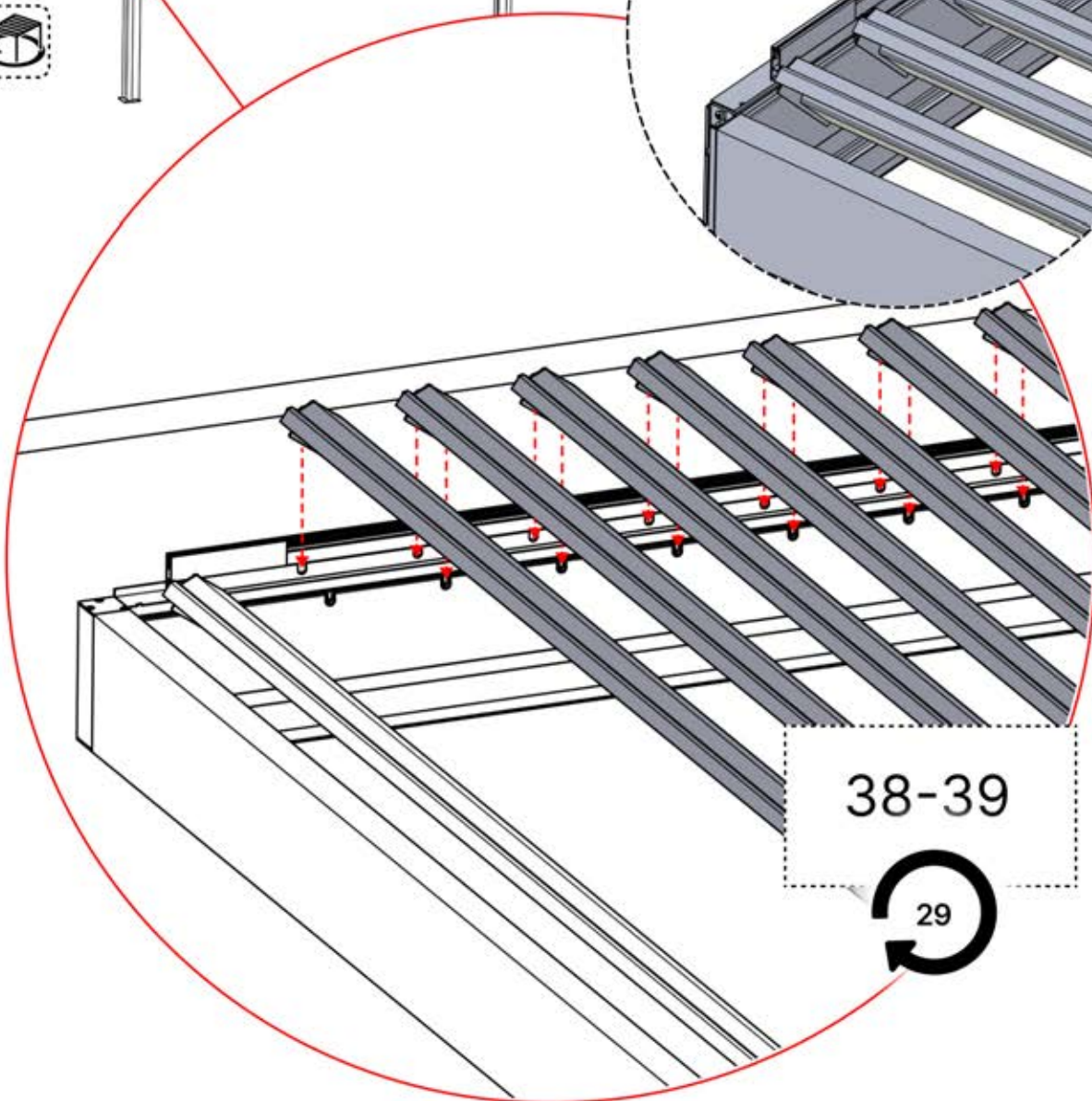
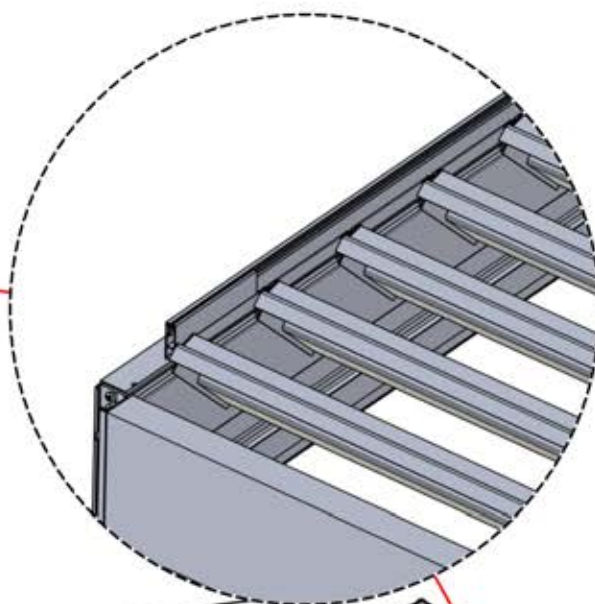
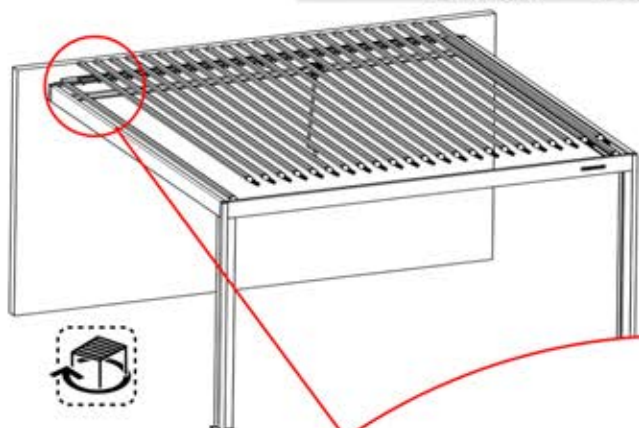
2

x1
PERGOLUX

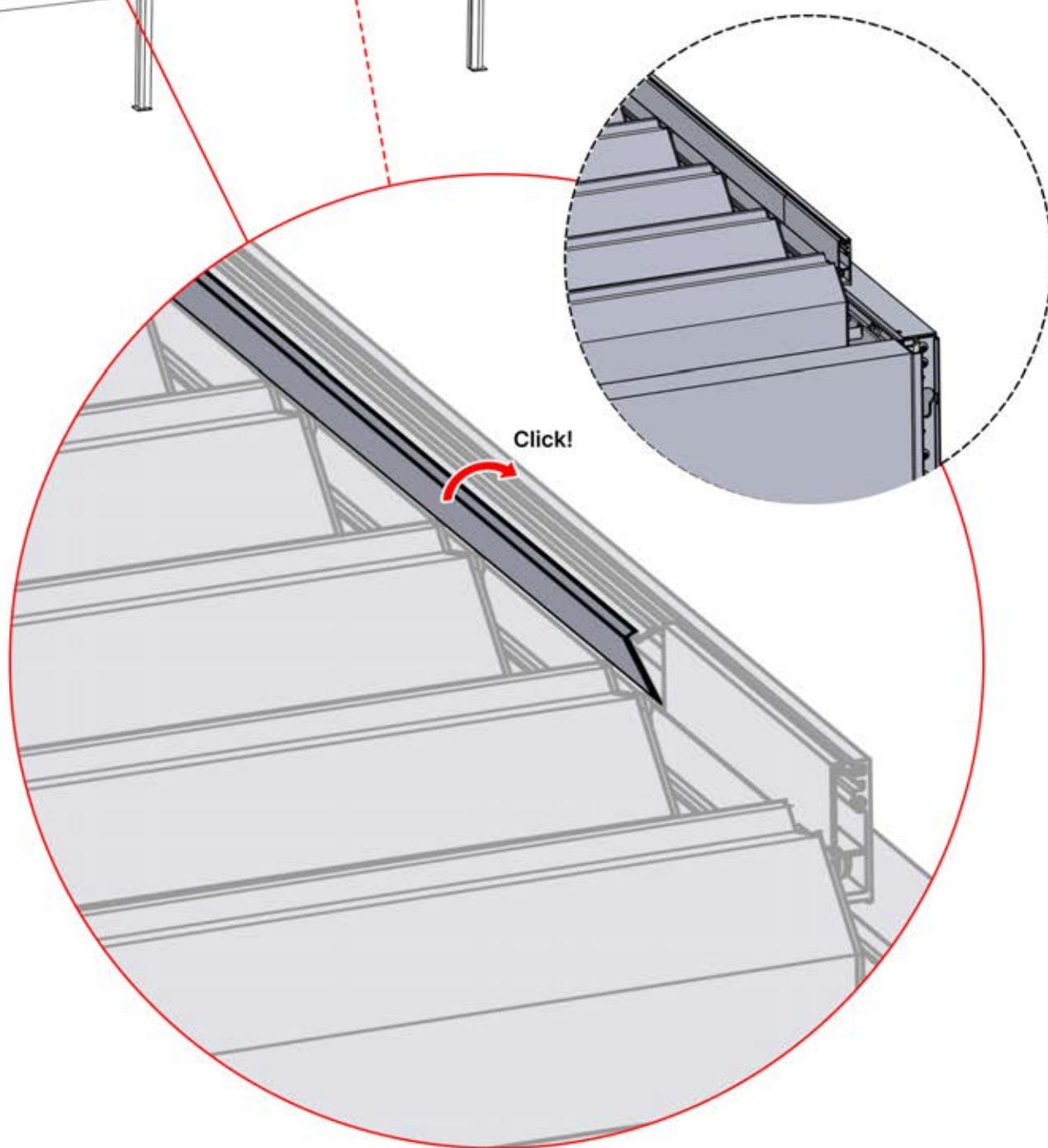
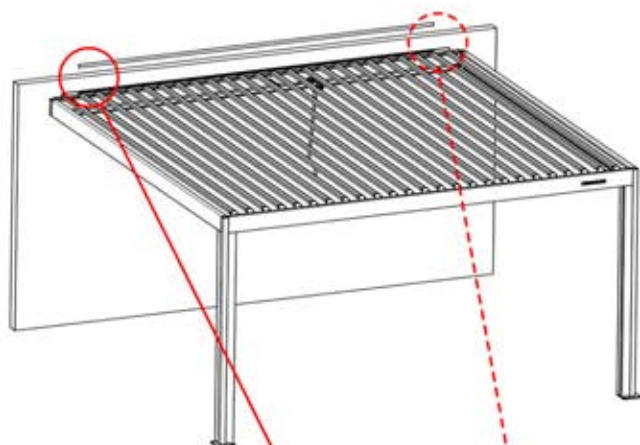
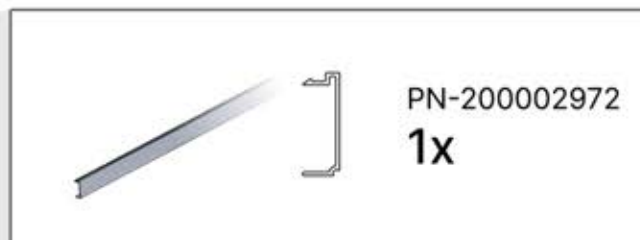
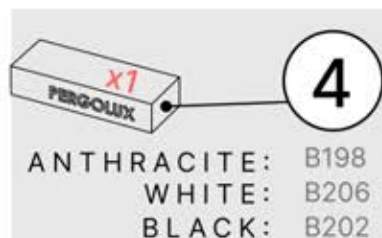
ANTHRACITE: L210
WHITE: L214
BLACK: L212

PN-200002893
23x

PN-200002893
6x



46

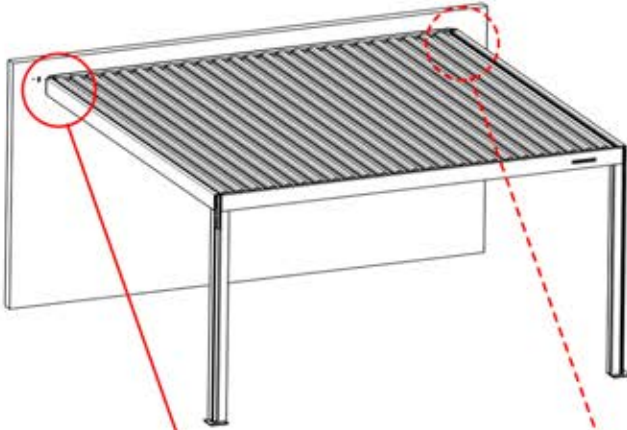


47



4

ANTHRACITE: B198
WHITE: B206
BLACK: B202



PN-200003030
1x

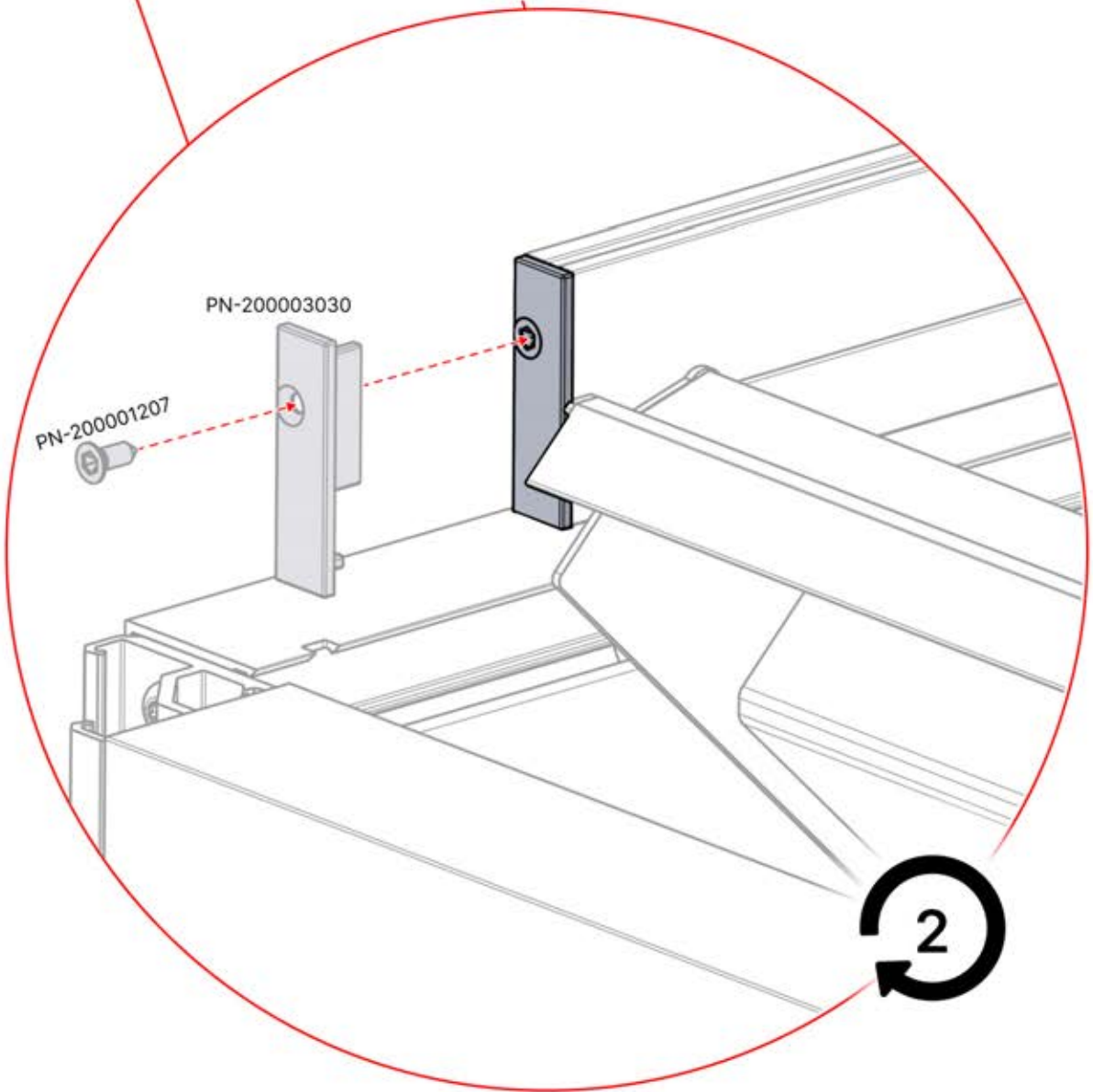


PN-200003031
1x

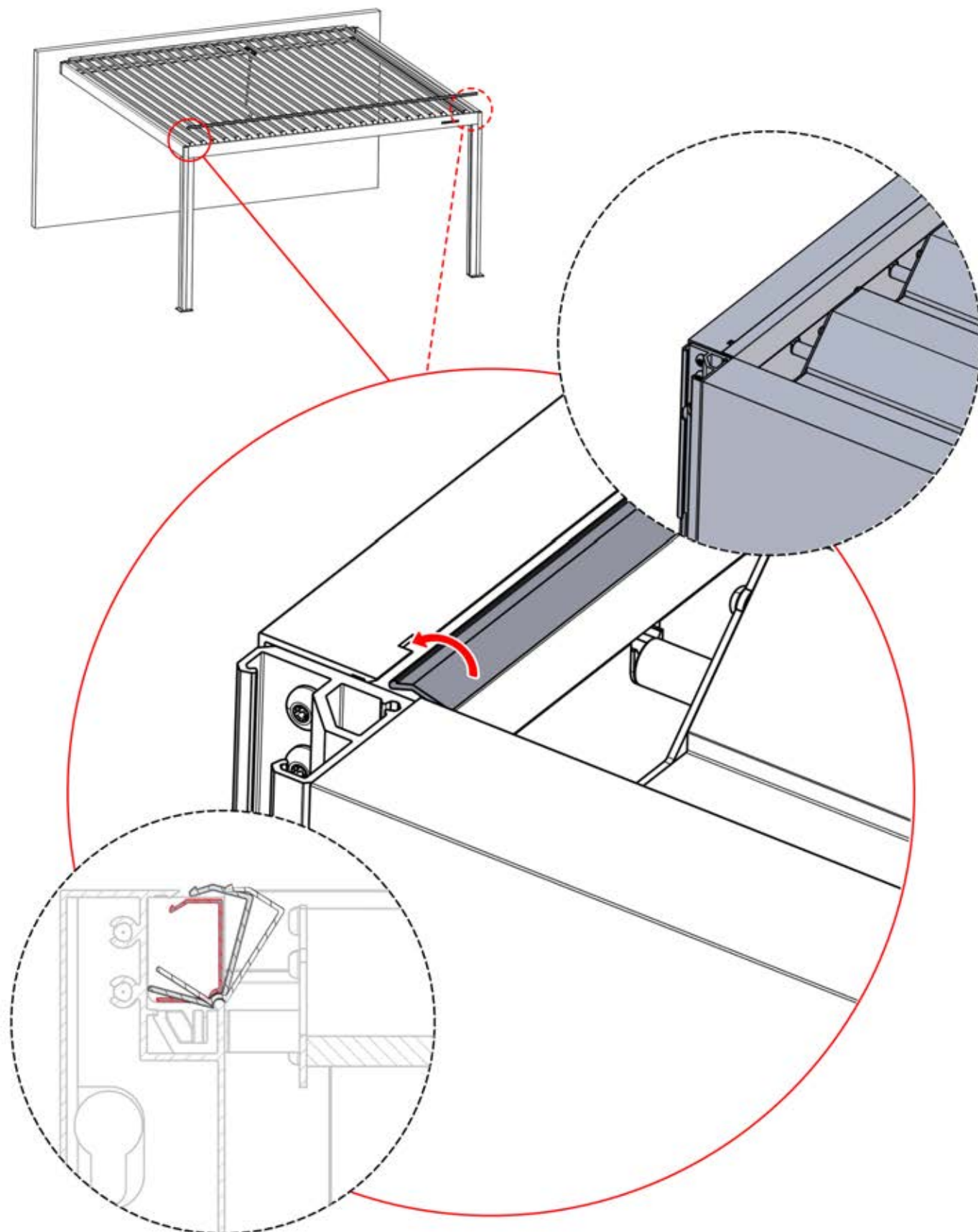
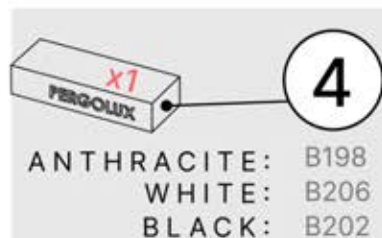


PN-200001207
2x

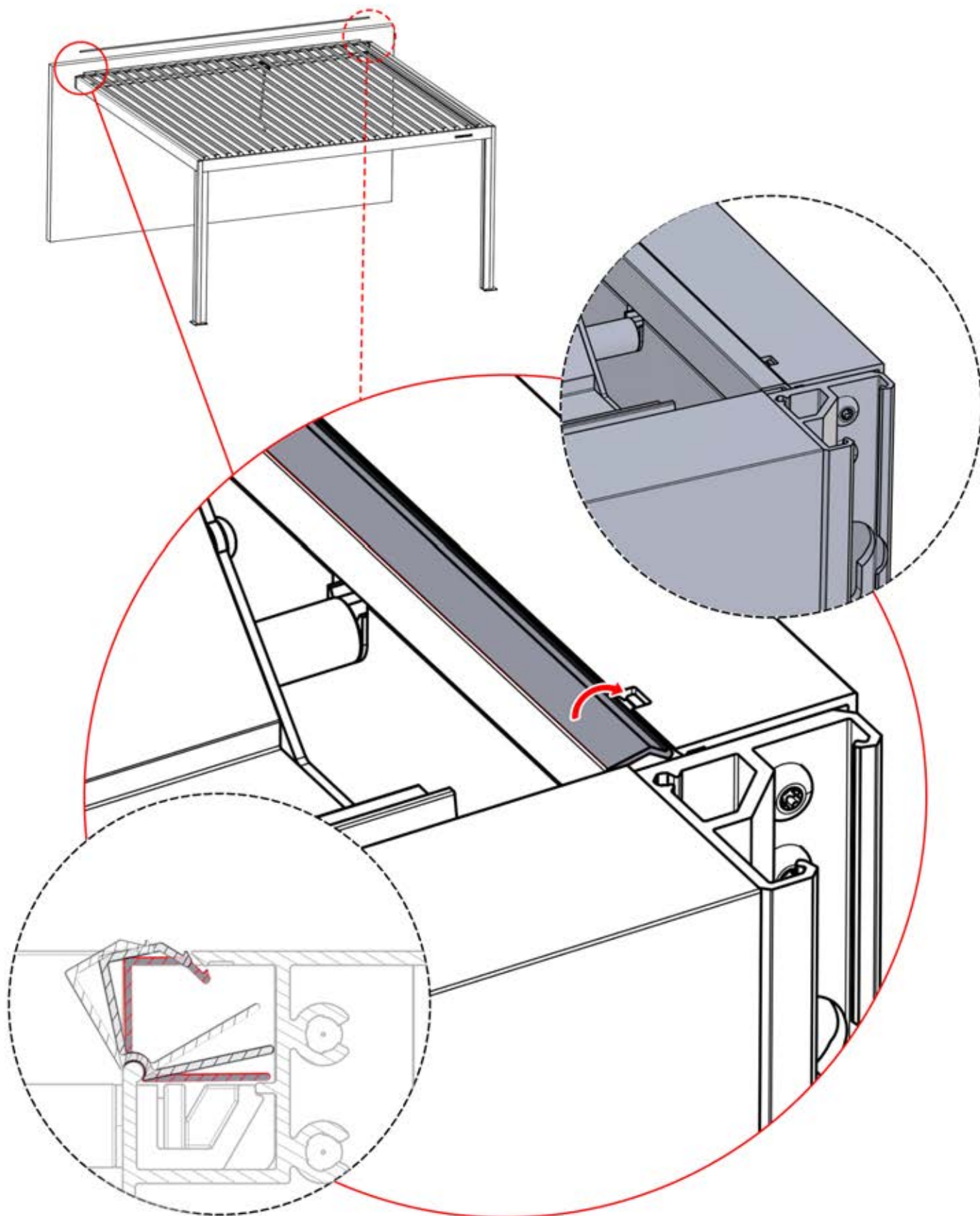
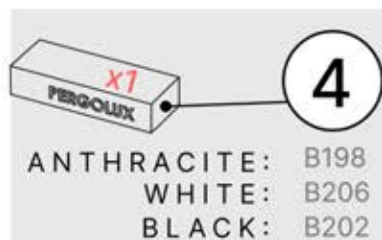
PN-20000
3278



48



49



50



5

ANTHRACITE: C120
 WHITE: C122
 BLACK: C121



4

ANTHRACITE: B198
 WHITE: B206
 BLACK: B202



PN-200003386
2x



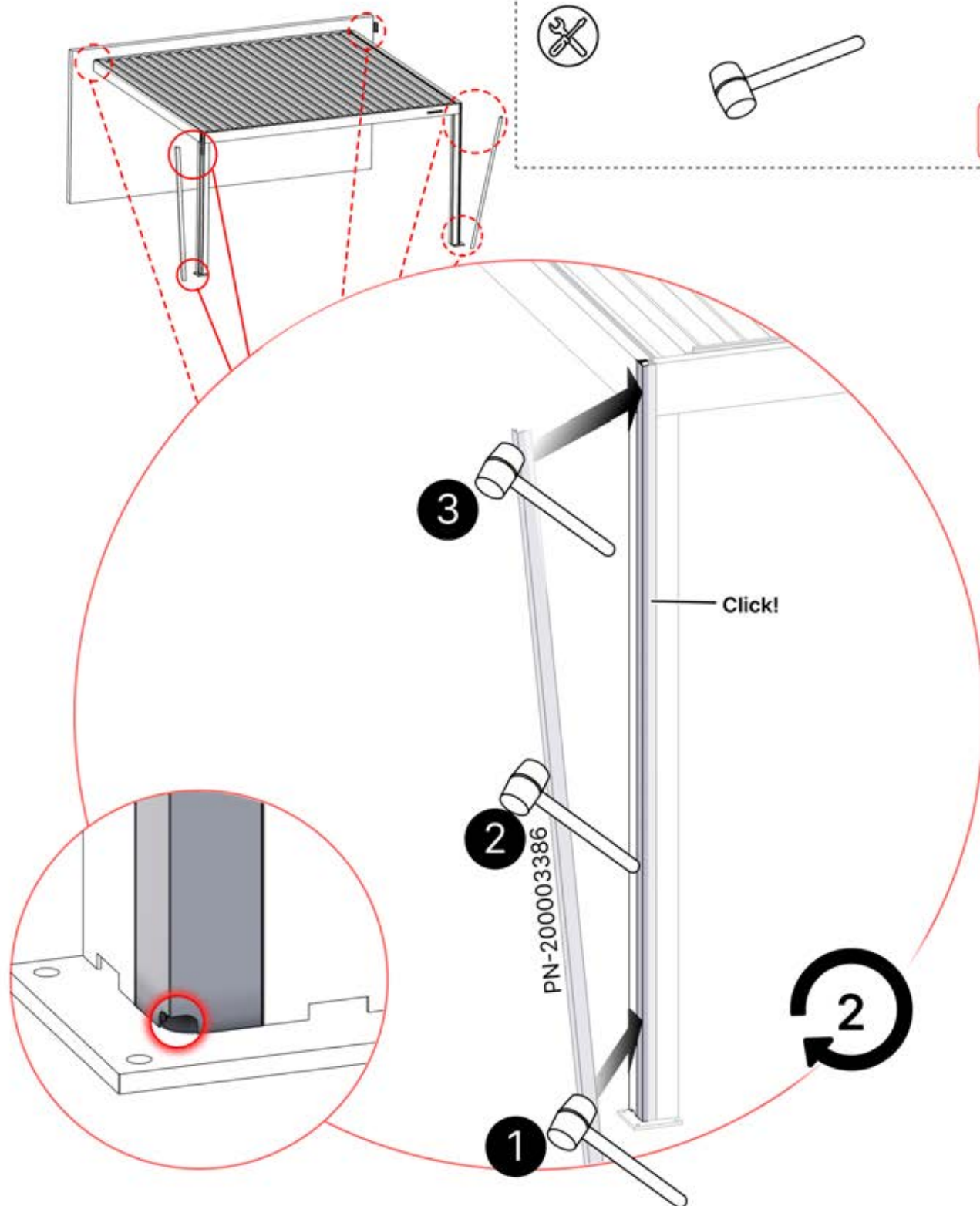
PN-200003324
2x



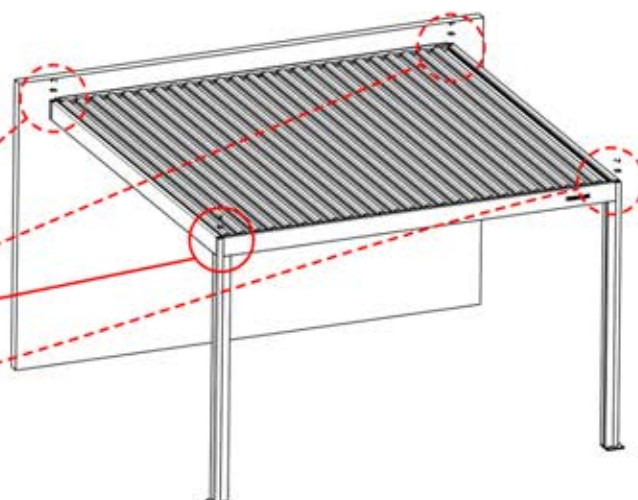
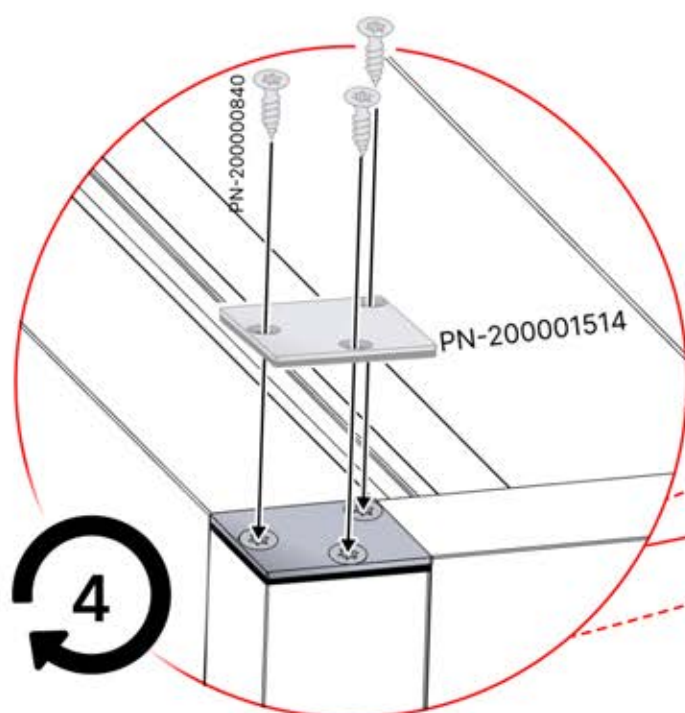
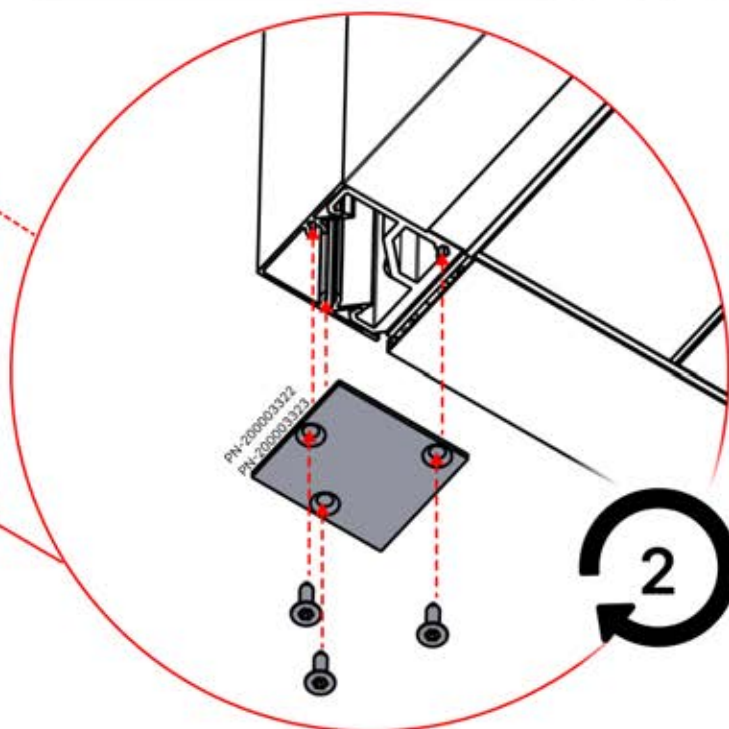
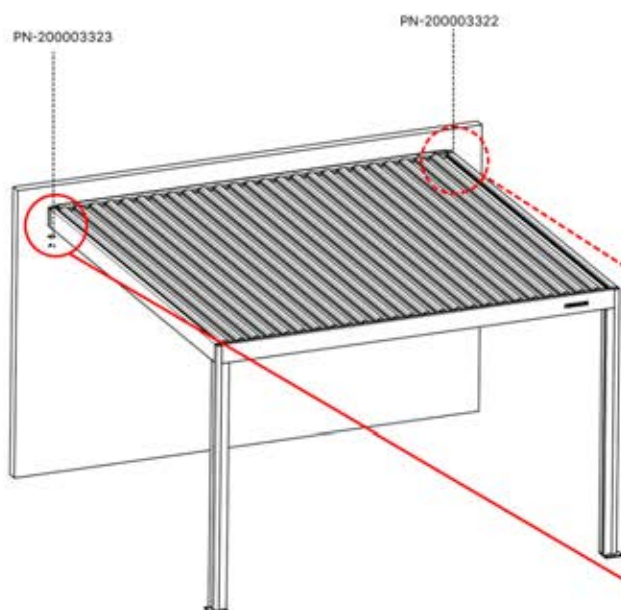
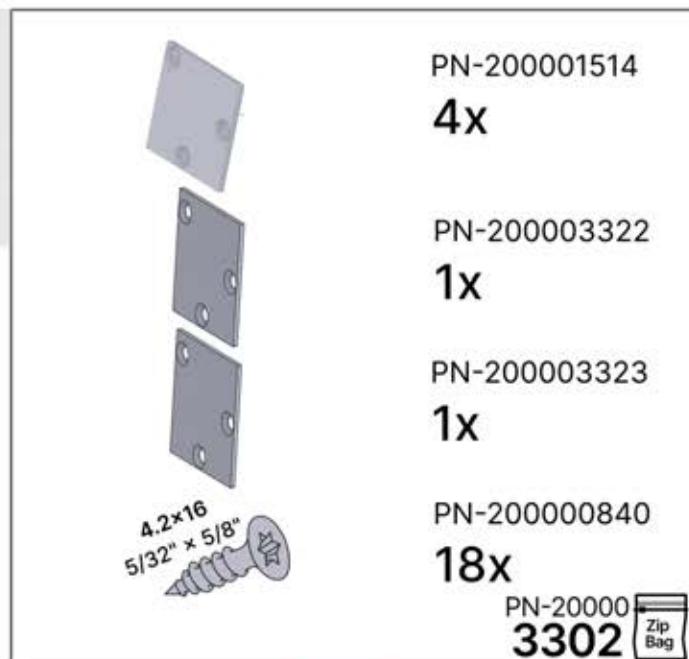
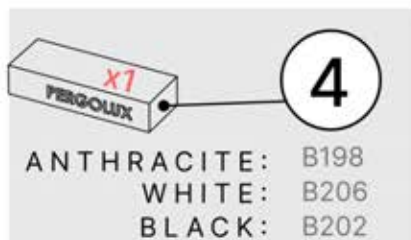
PN-20000
3309



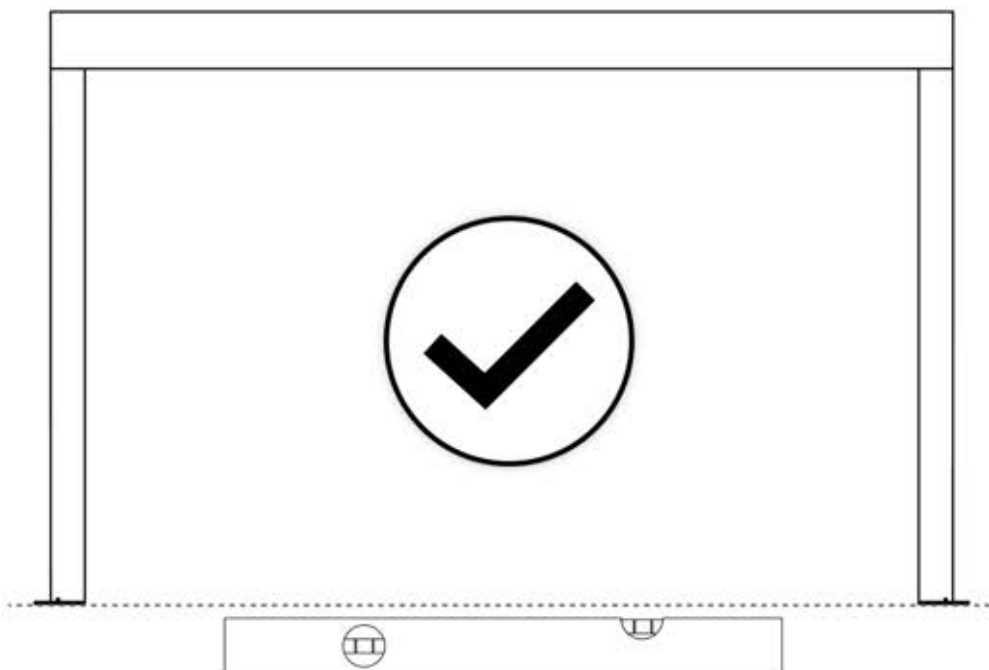
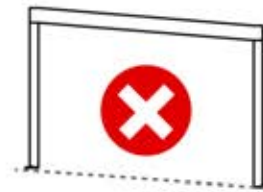
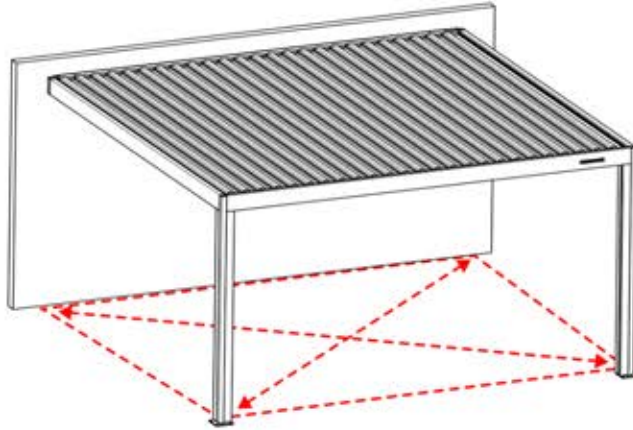
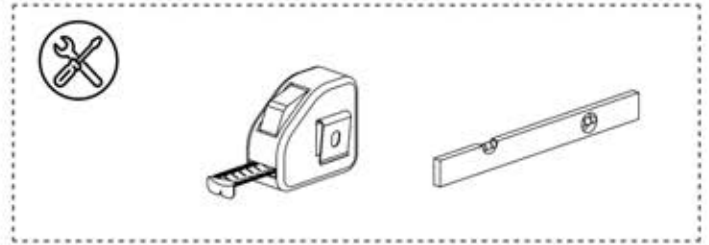




51



52

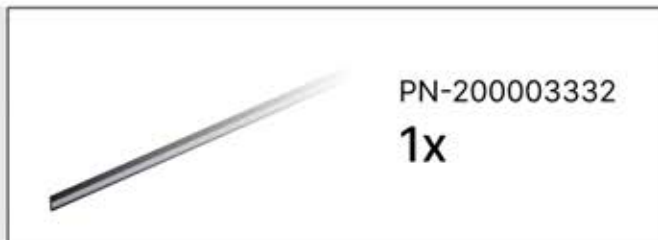


53



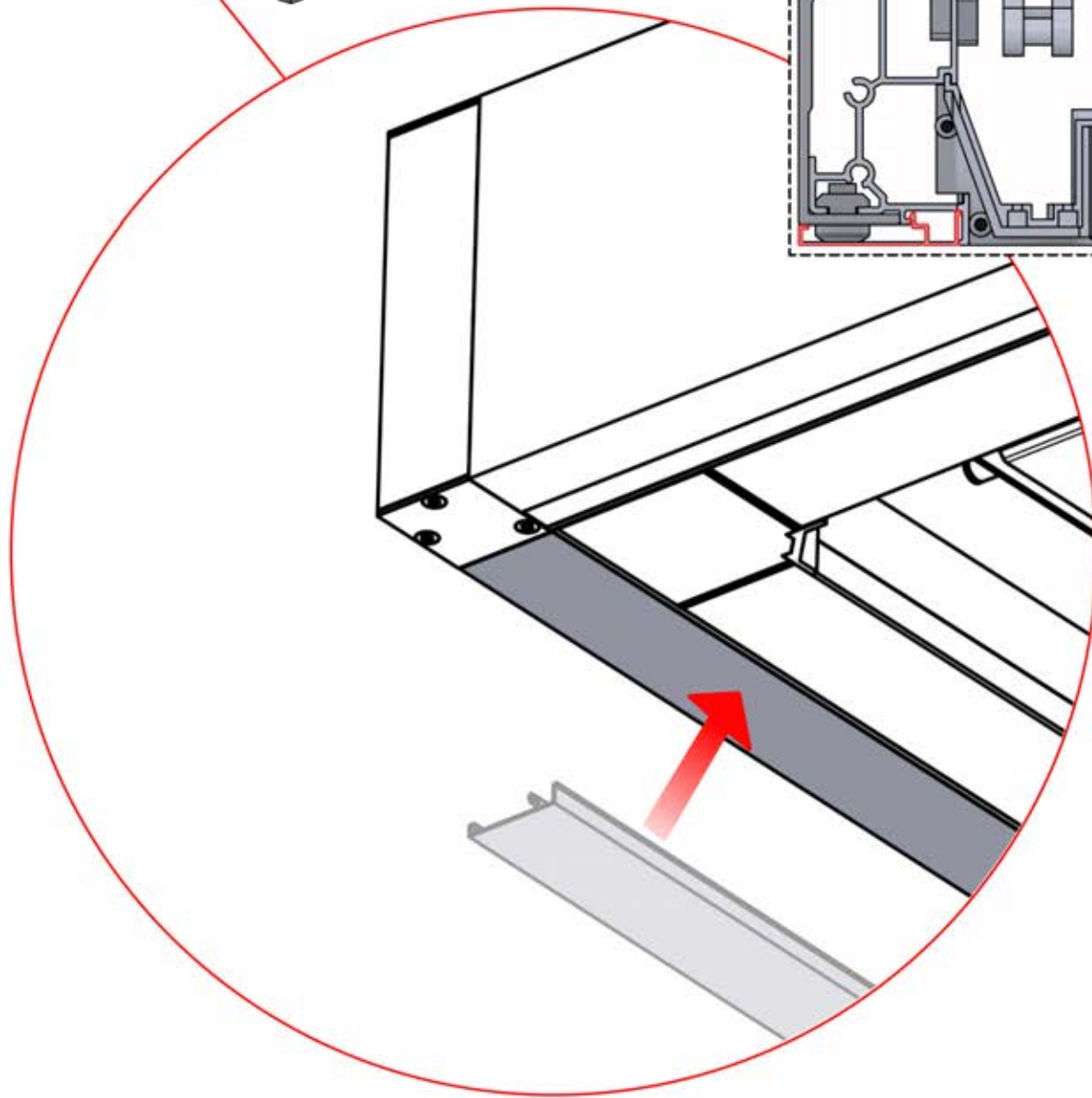
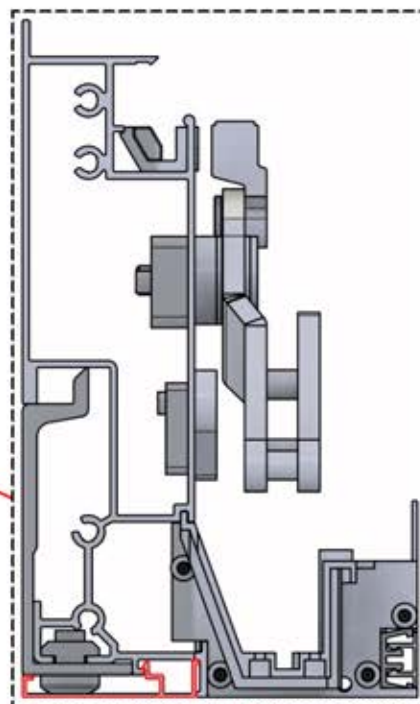
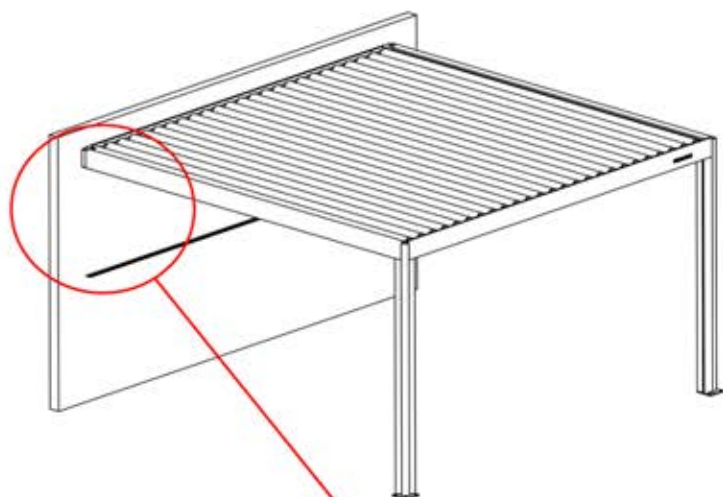
4

ANTHRACITE: B198
WHITE: B206
BLACK: B202

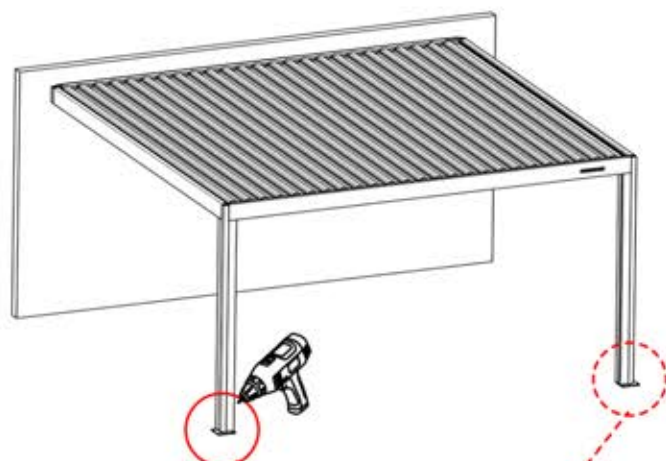


PN-200003332

1x



54



Use on
concrete



x6

Use on
wood

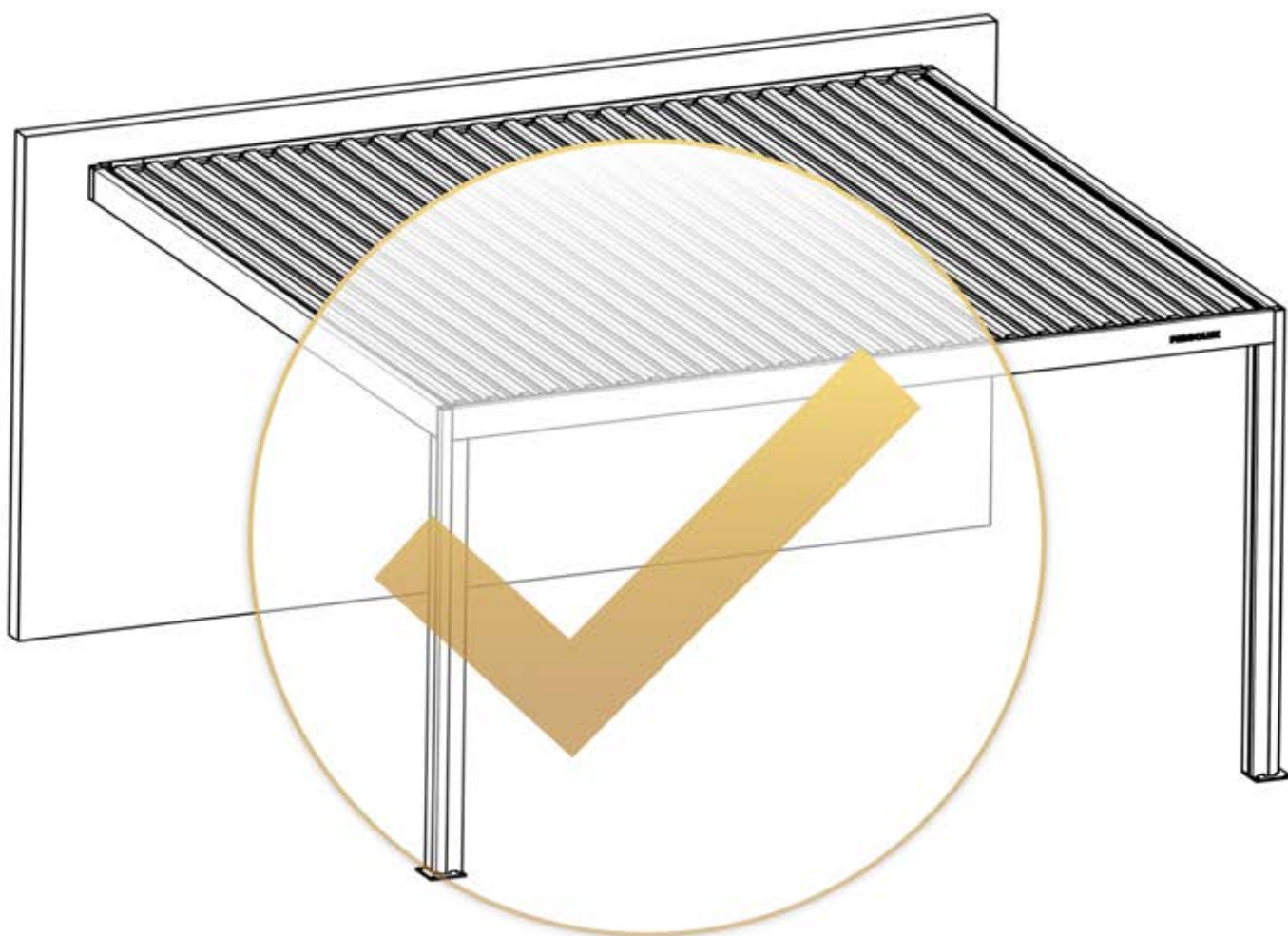


x6



PERGOLUX | PERGOLA WALLMOUNTED S4

4 × 5 M / 13' x 16'



Type Approved
Regular
Production
Surveillance

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