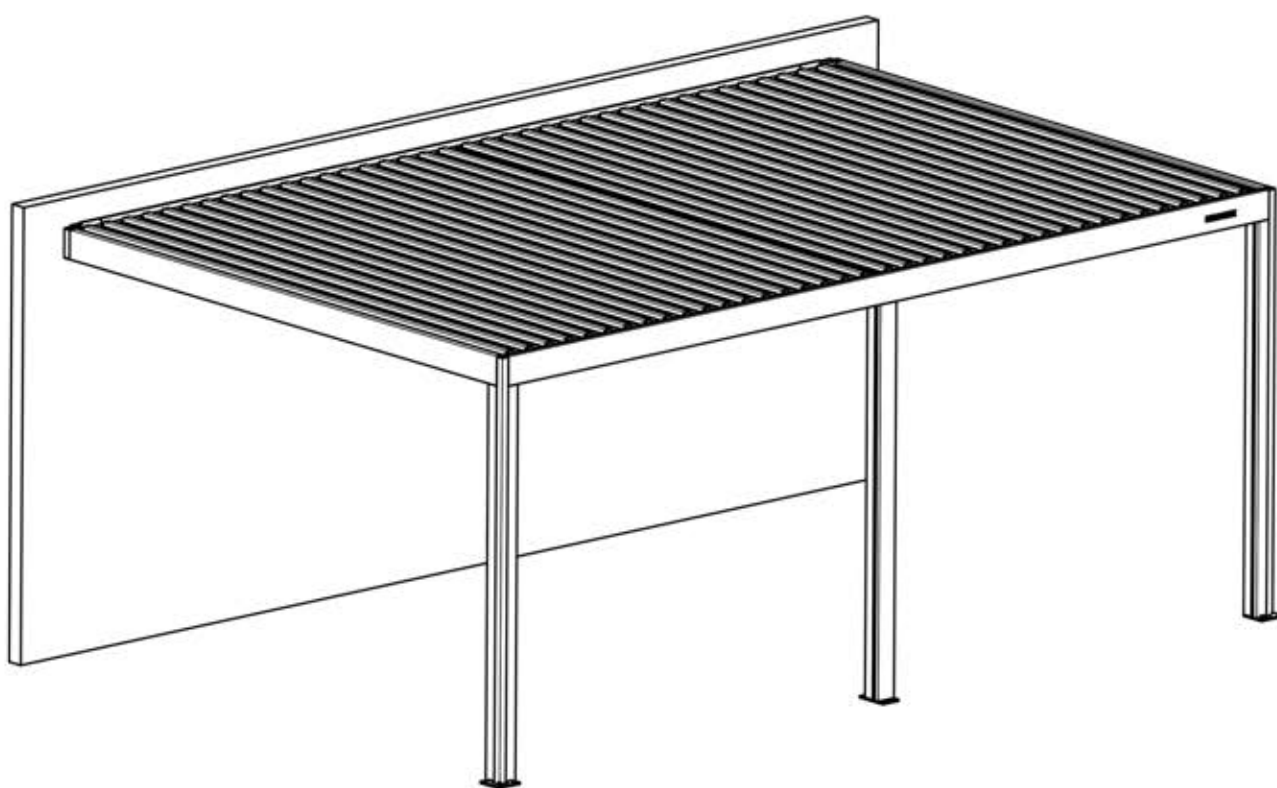


Pergola+

PERGOLA +



3×6m/10'x19'
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

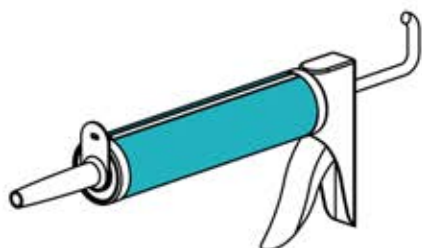


Motor

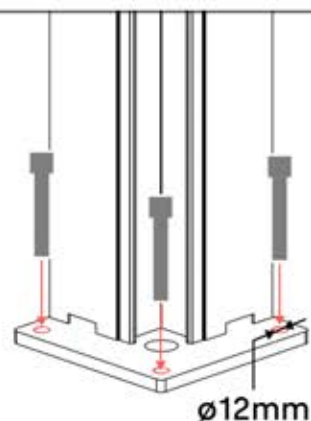


Turn around

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



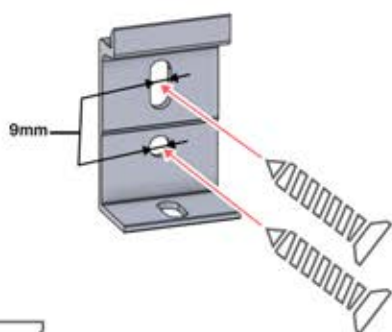
x9

Use on
wood



x9

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



x

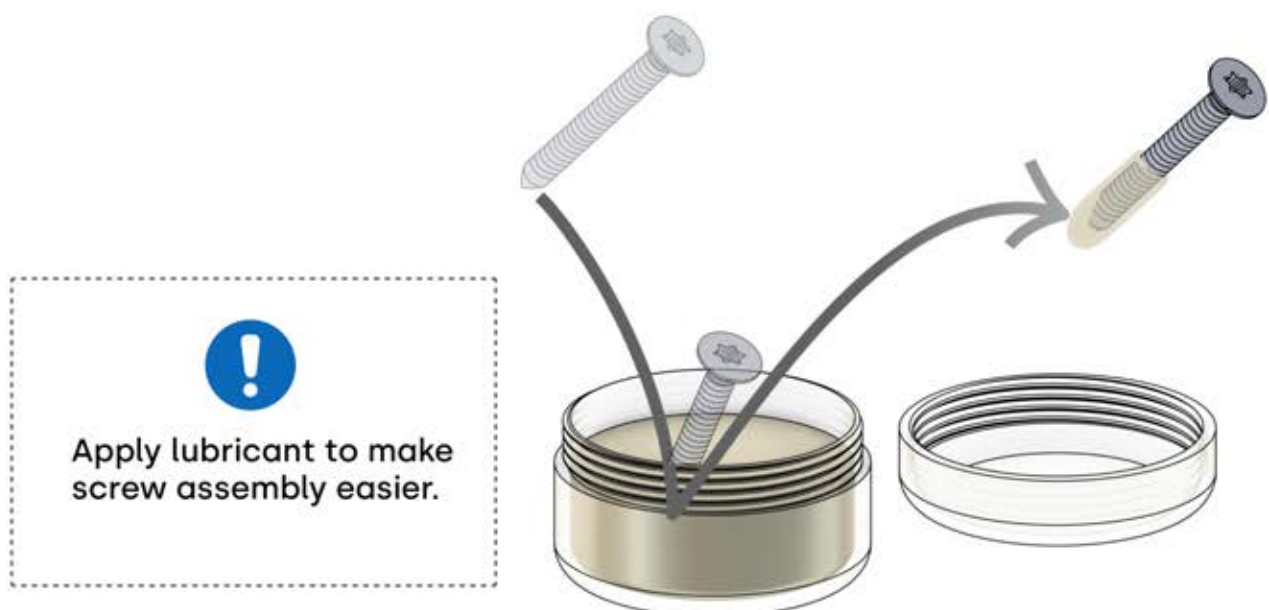
You need to buy 8 mm screws to attach the pergola to the wall



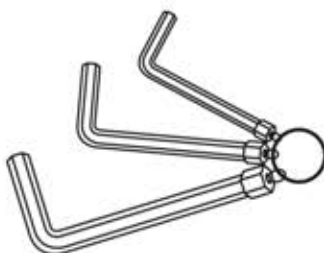
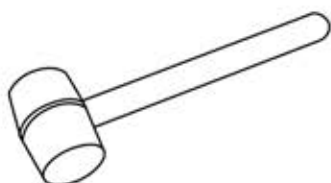
INFORMATION

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

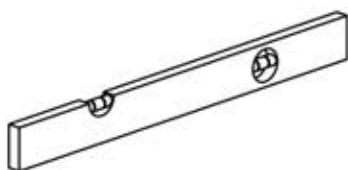
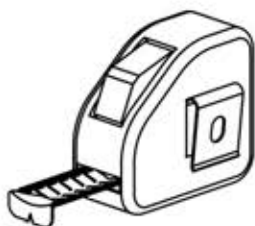
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



TOOLS

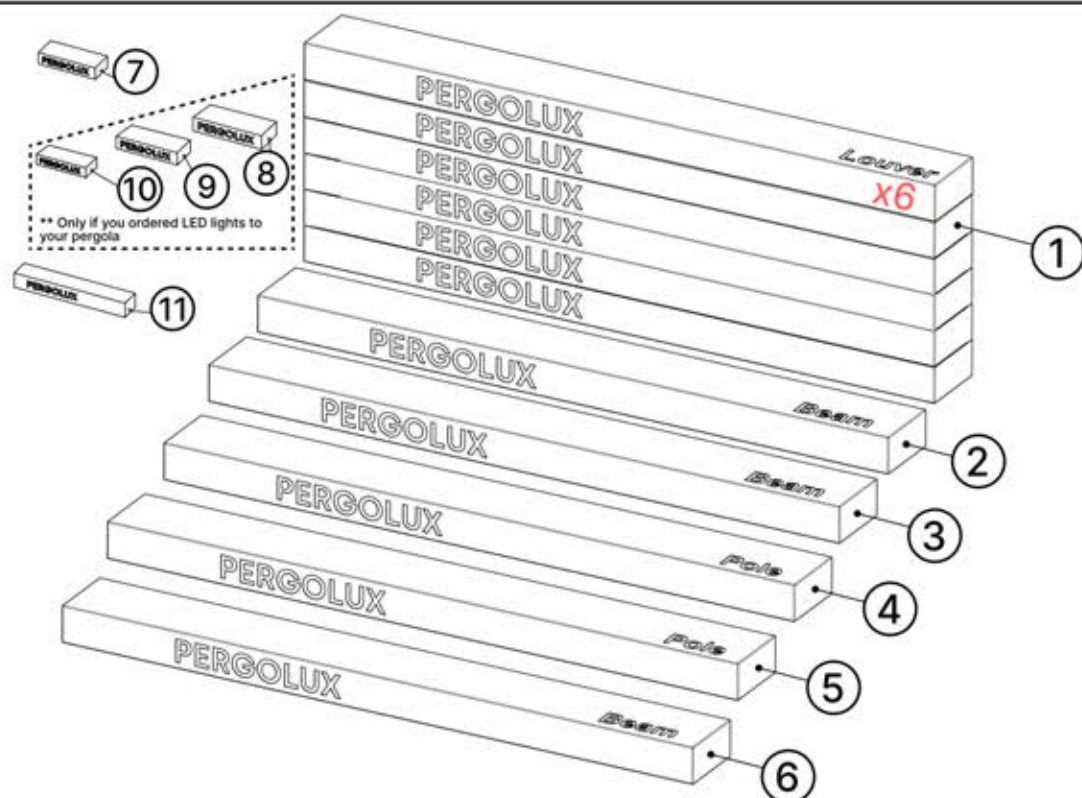


3mm, 4mm, 5mm



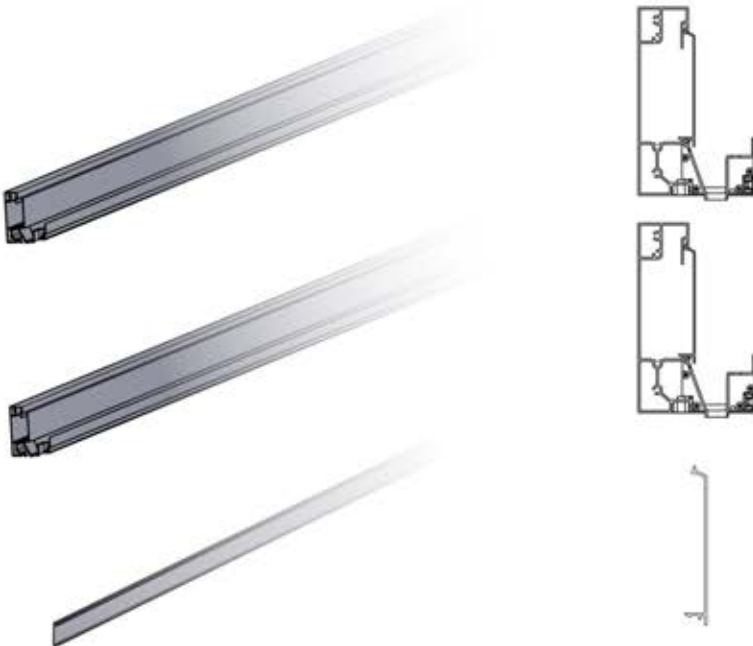
TX15, TX20, TX25, TX30

PACKAGE OVERVIEW

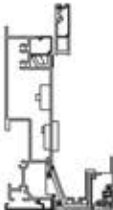


ORDER	ANTHRACITE	WHITE	BLACK
①	L197	L201	L199
②	B214	B218	B216
③	B199	B207	B203
④	C123	C125	C124
⑤	C120	C122	C121
⑥	B226	B230	B228
⑦	MANUAL MOTOR	MANUAL MOTOR	MANUAL MOTOR
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		
⑪	SCREW KIT PN-200004208		

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		L197	L201	L199
		PN-200002802 36x		
		ANTHRACITE	WHITE	BLACK
		B214	B218	B216
		PN-200003314 1x		
		PN-200003315 1x		
		Premounted PN-200002799 2x		

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	3	B199	B207 B203
		PN-200002868 1x	
		PN-200002873 1x	
		PN-200002867 1x	
		PN-200002863 1x	
		PN-200002865 1x	
		PN-200003334 1x	

ITEMS IN BOX



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



ANTHRACITE WHITE BLACK

3

B199

B207

B203



PN-200002866

1x



PN-20000

3335

5.5x60
7/32" x 2-3/8"



PN-200000560

14x



PN-20000

3481



PN-200003384

1x



PN-20000

3414



PN-200000731

2x



PN-200000732

2x



PN-200000668

4x



PN-200000415

8x



PN-20000

3302



PN-200001514

4x



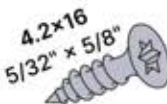
PN-200003322

1x



PN-200003323

1x



PN-200000840

18x

ITEMS IN BOX



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



ANTHRACITE

WHITE

BLACK

3

B199

B207

B203



PN-20000
3319



PN-200003370
1x



PN-200003368
2x



PN-20000502
1x



PN-20000561
1x



PN-200003318
1x



PN-200003367
1x



PN-200000853
2x



PN-200003317
1x



PN-200000511
2x



PN-20000
3279



PN-20000568
32x



PN-20000
3309



PN-200003308
2x



PN-200003324
2x



PN-20000
3307



PN-200000510
6x



PN-200000669
6x



PN-200000655
6x

ITEMS IN BOX



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



ANTHRACITE WHITE BLACK

B199

B207

B203

3



PN-20000
3604



PN-200002709
4x



PN-200000958
2x



PN-200000668
2x



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
3320



PN-200000826
2x



PN-20000
3303



PN-200002706
4x



PN-20000
3281



PN-200002622
4x

PN-200000680
8x



PN-20000
3602



PN-200000826
3x



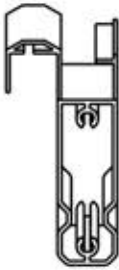
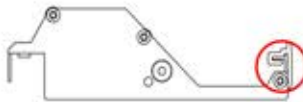
PN-200001340
1x

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
4		C123	C125	C124
		 PN-200002782 1x		
		 PN-200002783 1x		
		 PN-200002785 1x		

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

ITEMS IN BOX

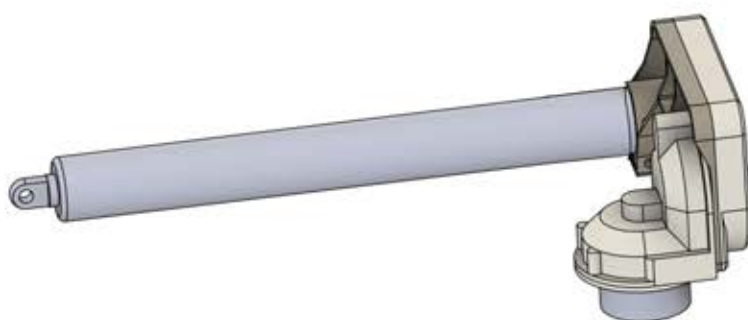
		ANTHRACITE WHITE BLACK		
		B226	B230	B228
		PN-200003415 1x		
		PN-200002801 1x		
		PN-200002802 1x		

ITEMS IN BOX



7

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.**



8

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.



9

POWER CABLE



PN-200003781

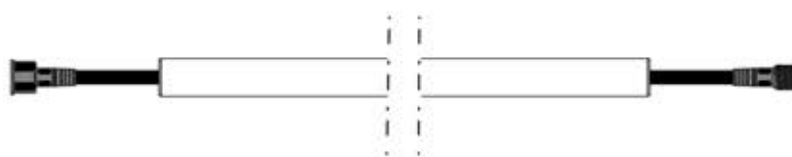
1x

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



10

LED BOX



LED Light Strip

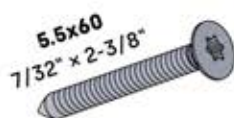
4x

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



11

SCREW KIT
PN-200004209



PN-200004204

14x



PN-200004205

32x



All electric parts should be tested before installation.

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

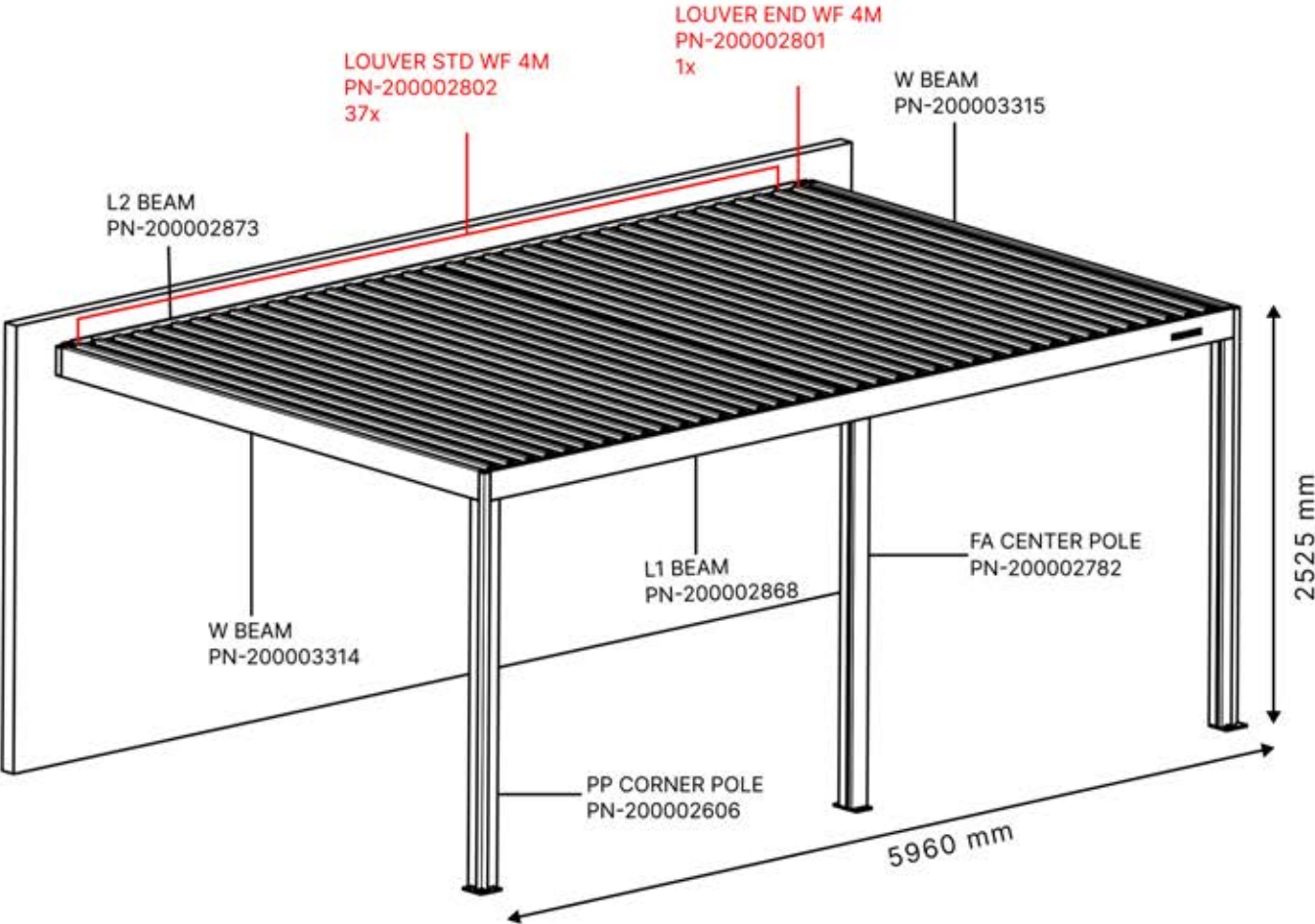
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



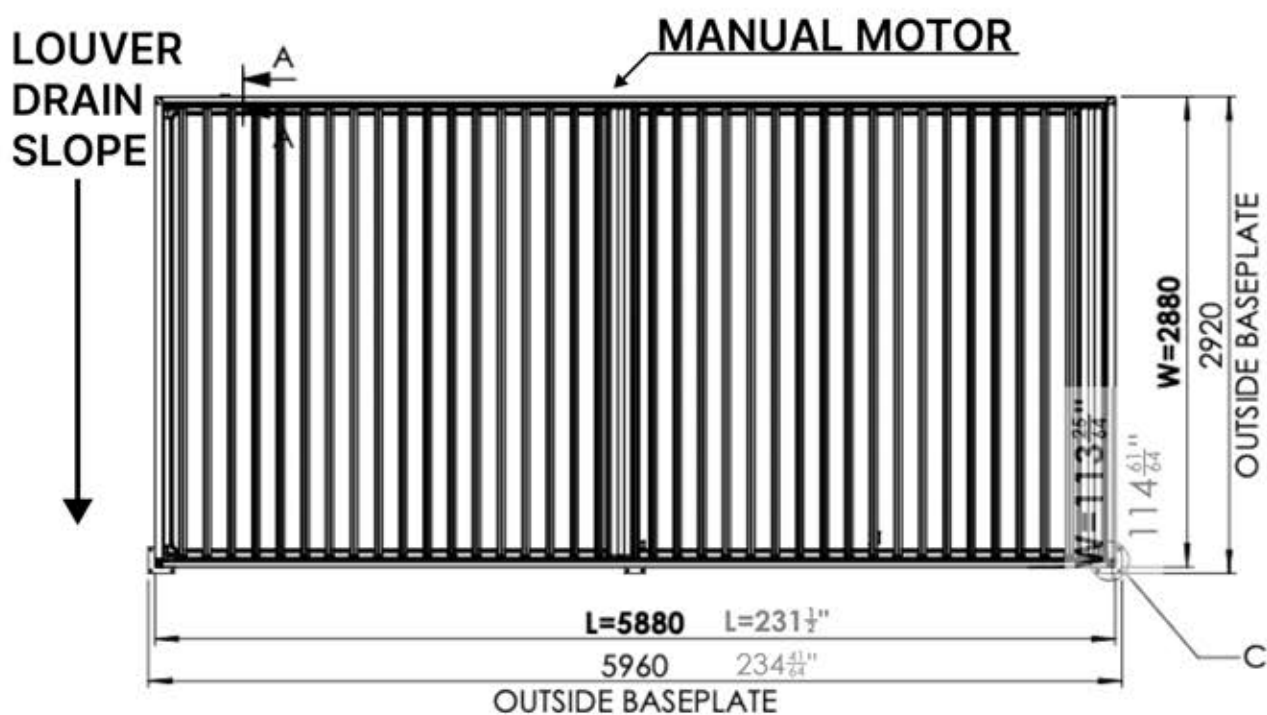
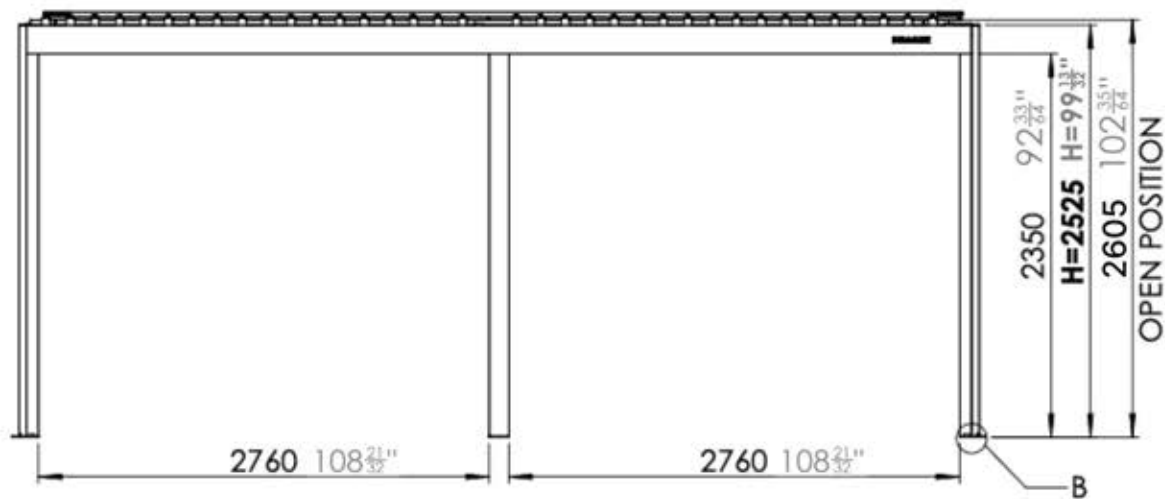
CONTROL BOX

[View Manual](#)

3 × 6 M / 10'x19'



3 x 6 M / 10' x 19'



INFORMATION

Are you going to install slat walls or glass walls?

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

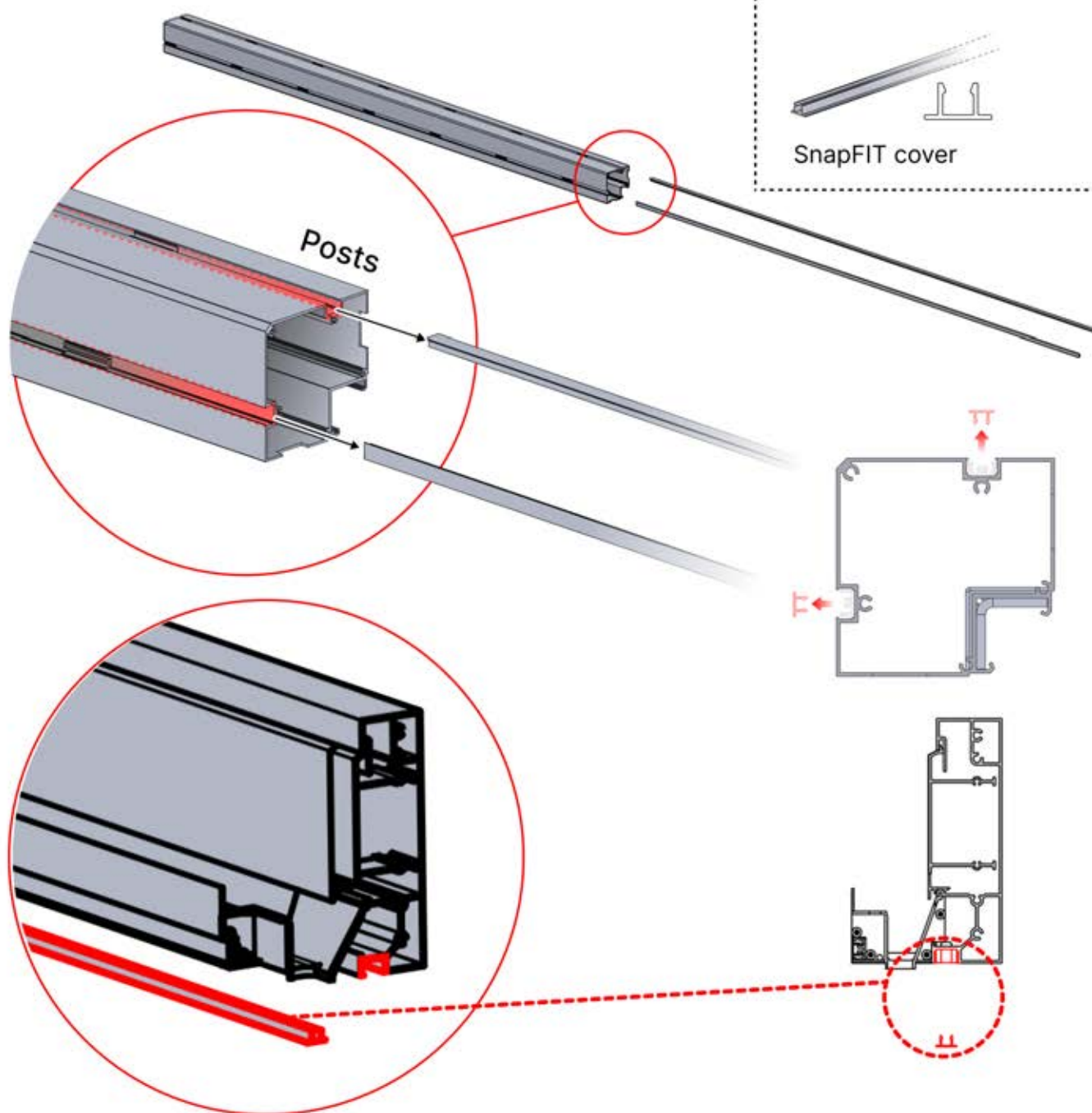
Cover and clips



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.

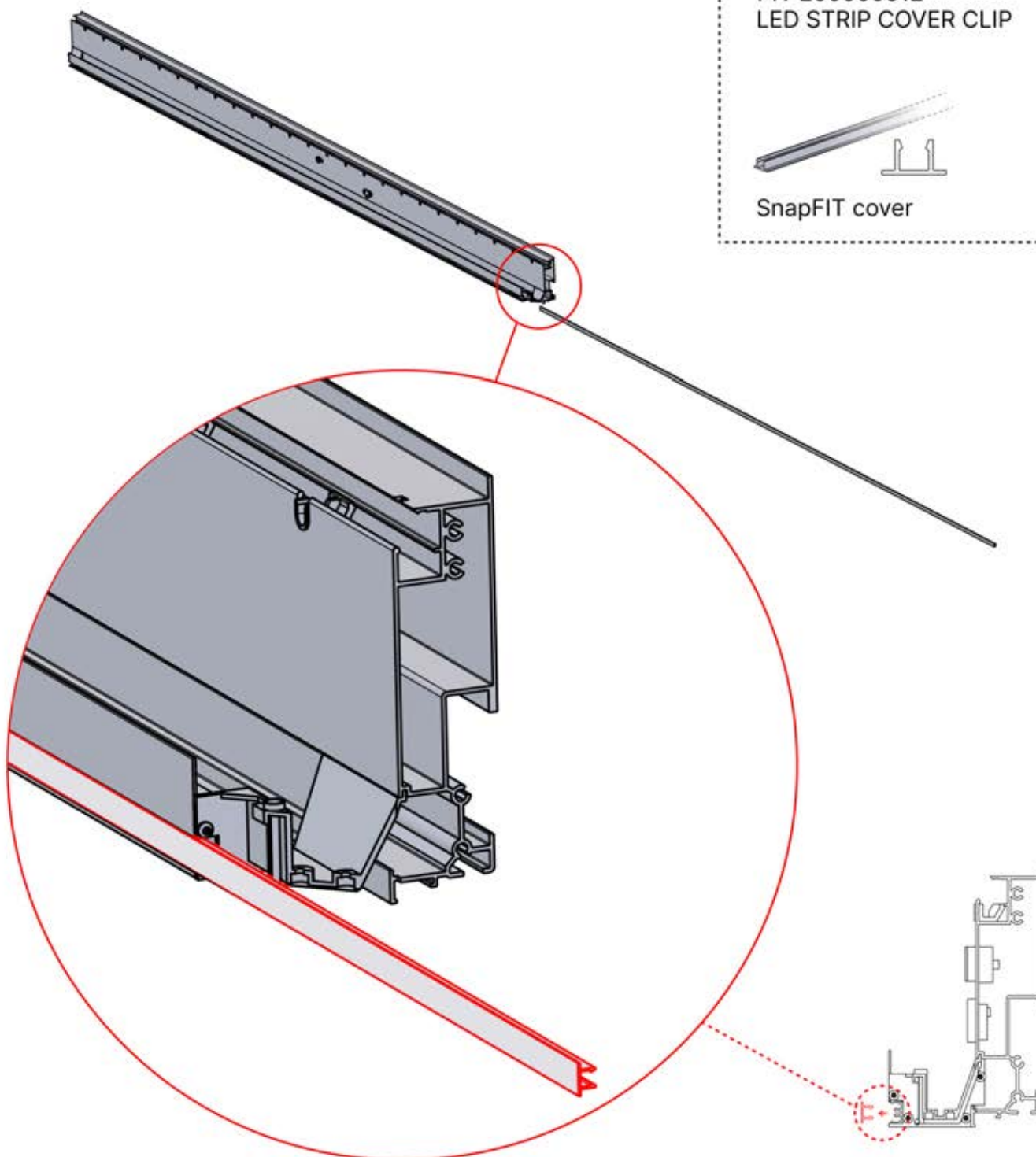
Cover and clips



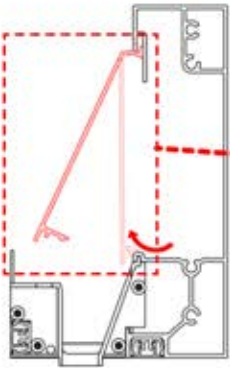
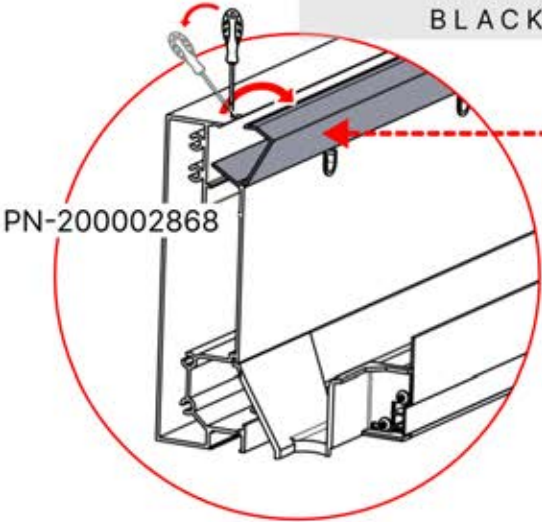
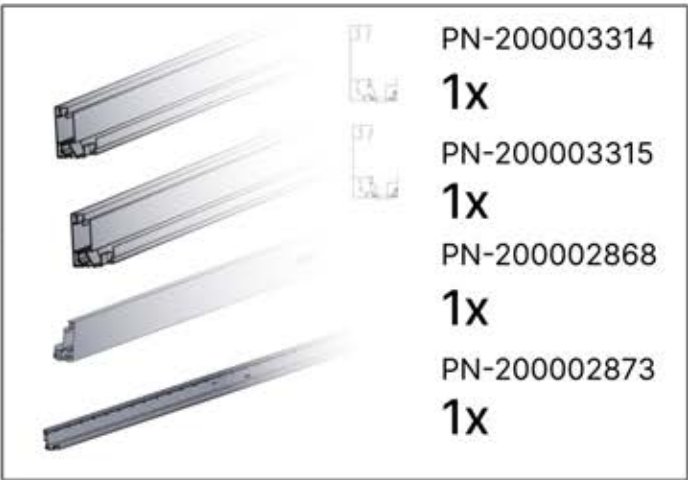
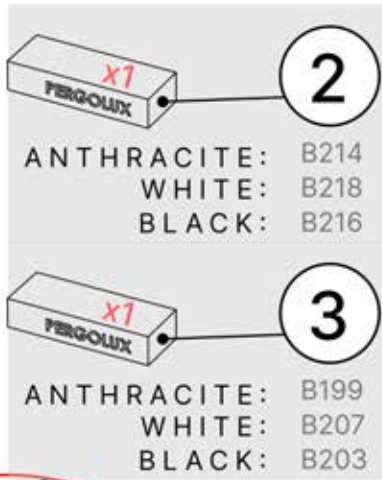
PN-200000512
LED STRIP COVER CLIP



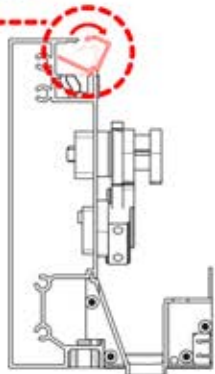
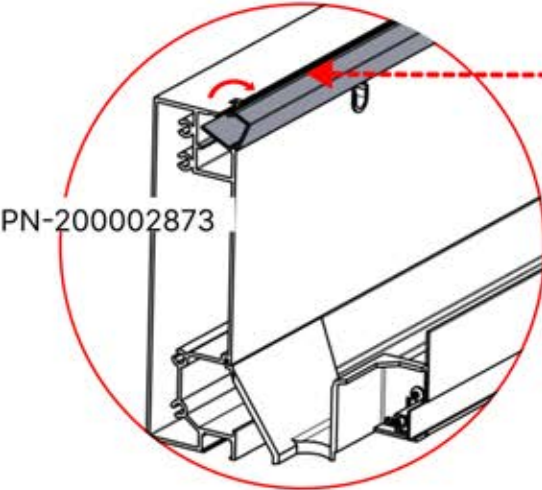
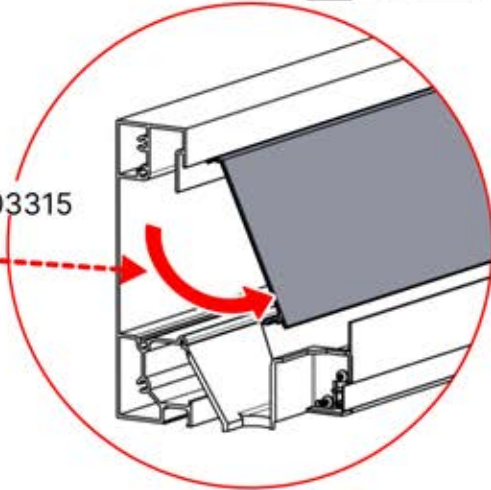
SnapFIT cover



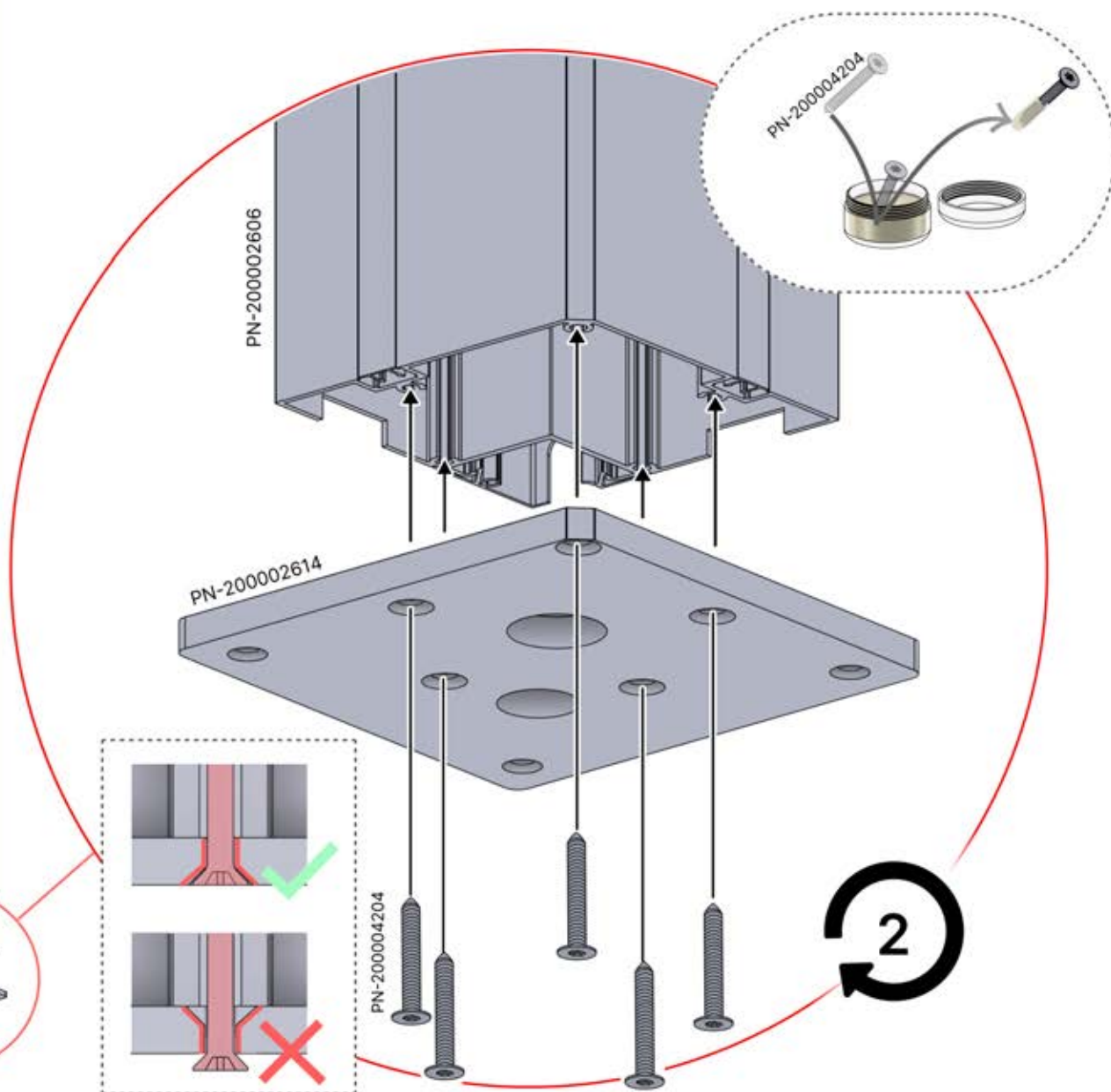
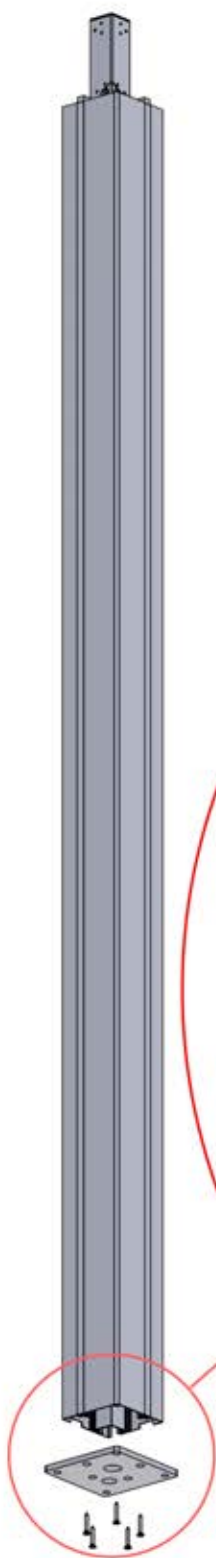
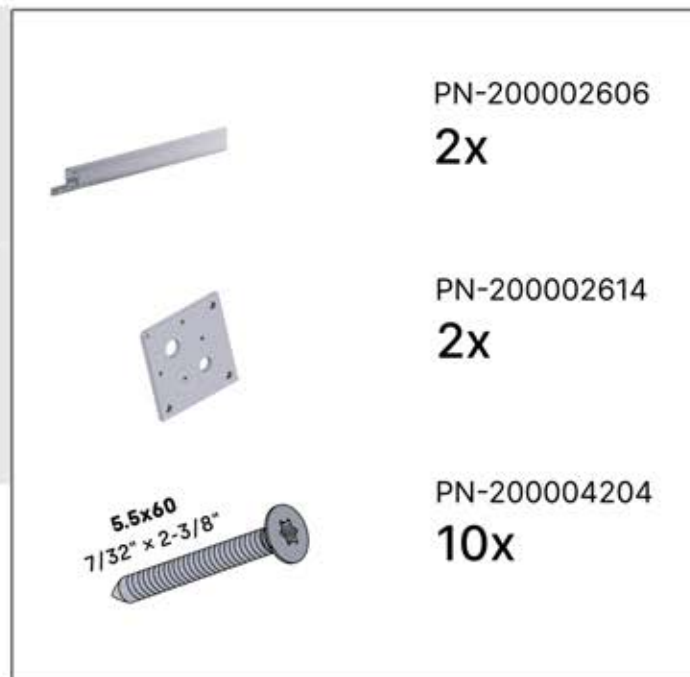
INFORMATION



PN-200003315



01



02

4

PERGOLUX **x7**

ANTHRACITE: C123
WHITE: C125
BLACK: C124

11

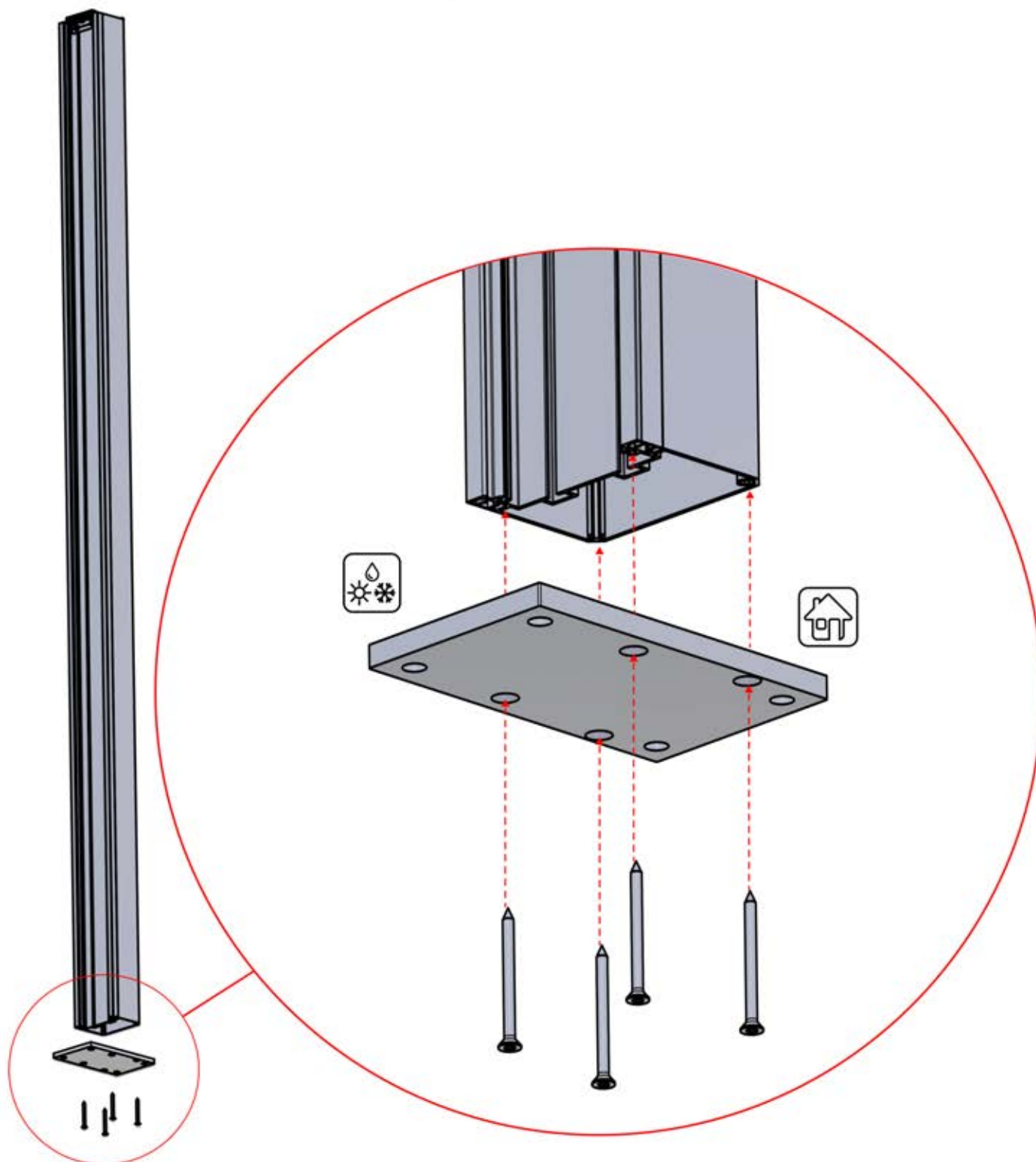
PERGOLUX

SCREW KIT
PN-200004209

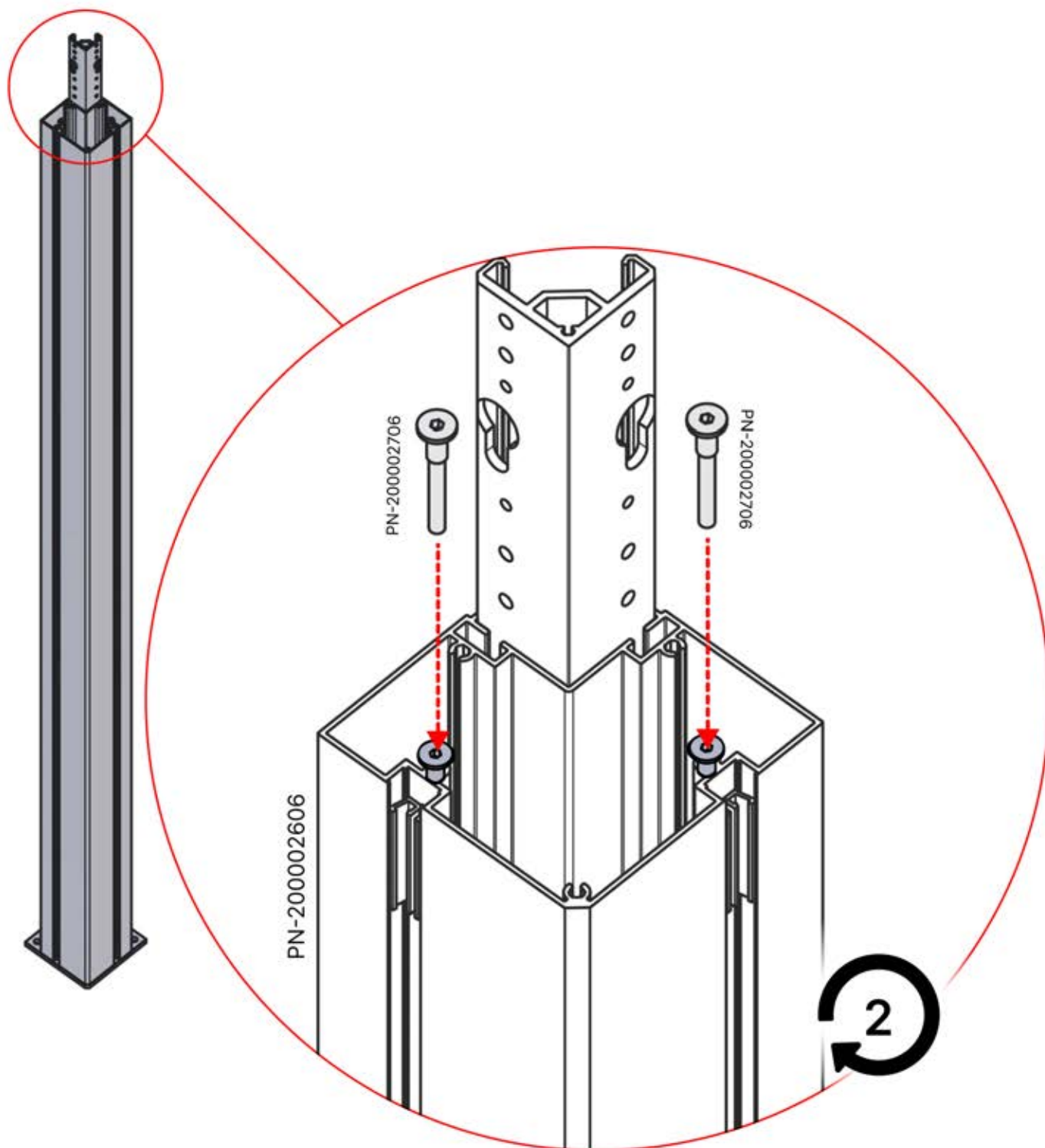
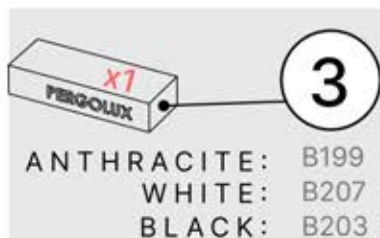
PN-200002782
1x

PN-200004204
4x

5.5x60
7/32" x 2-3/8"



03



04



3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



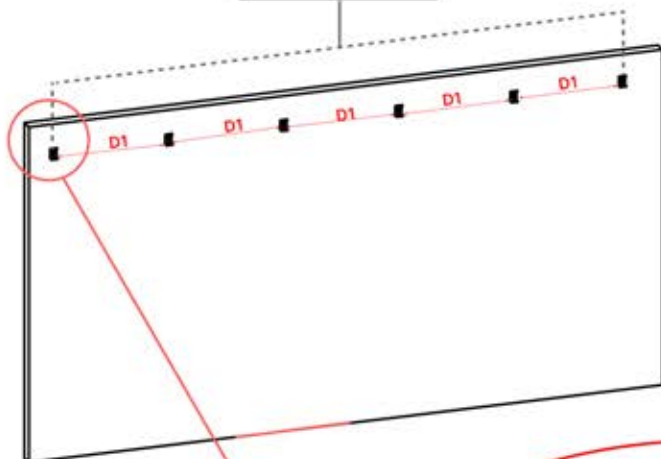
PN-200000510

6x

PN-20000
3307



4950 mm



x12



Install the first and last wall mount brackets (PN-200000510) 4950mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.

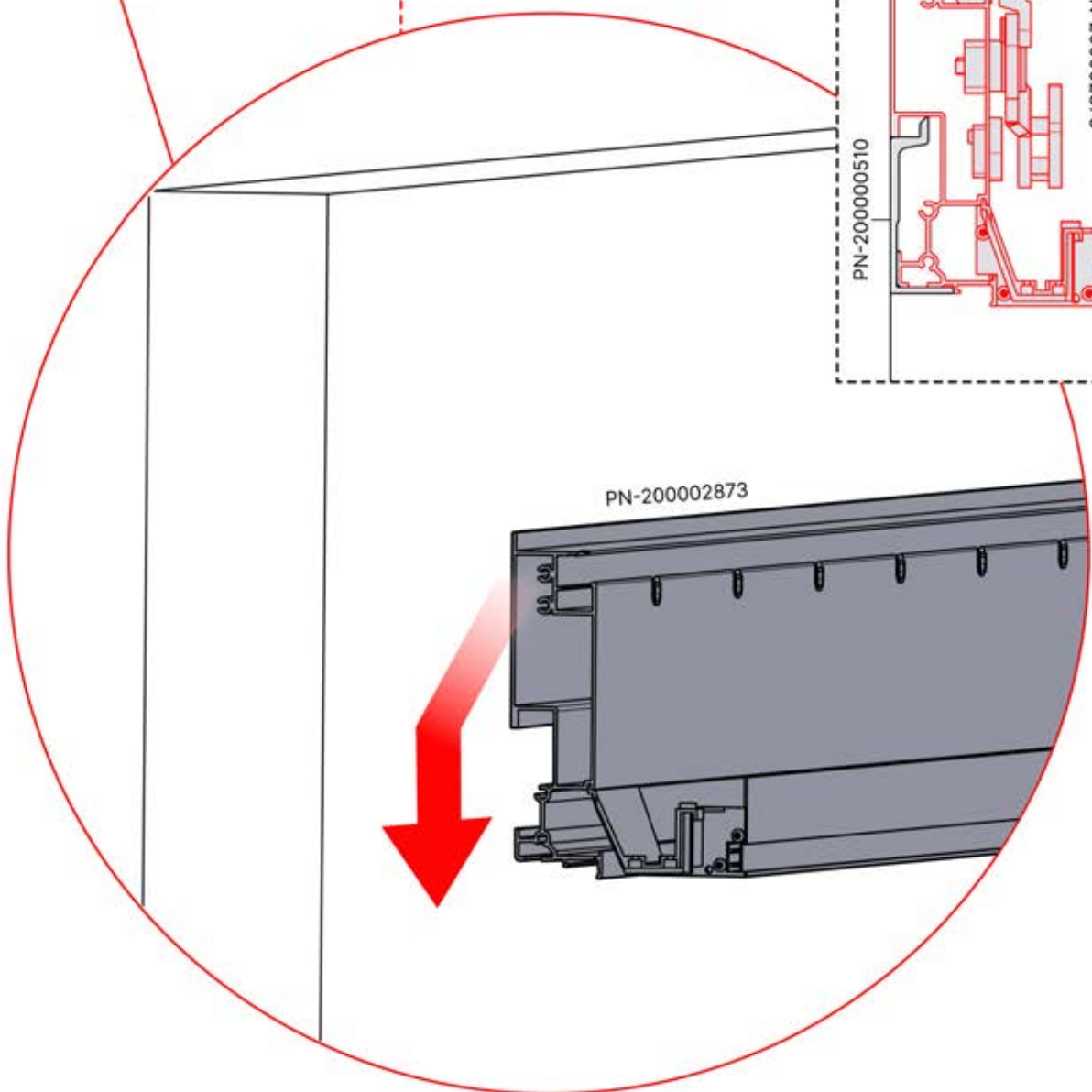
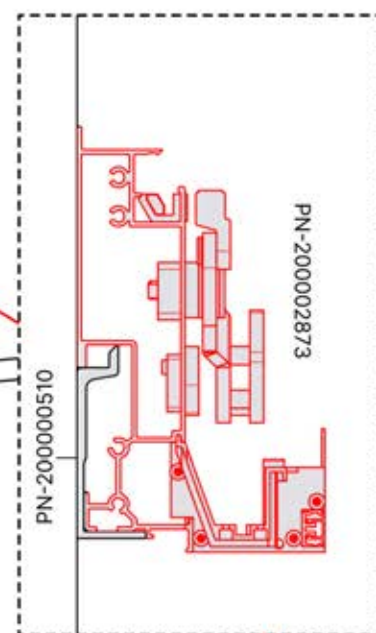
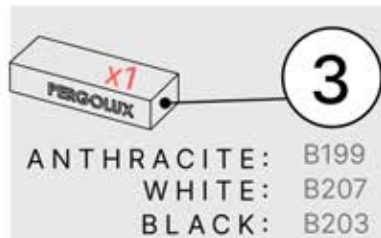


D1

2356 mm
92 3/4"



05



06

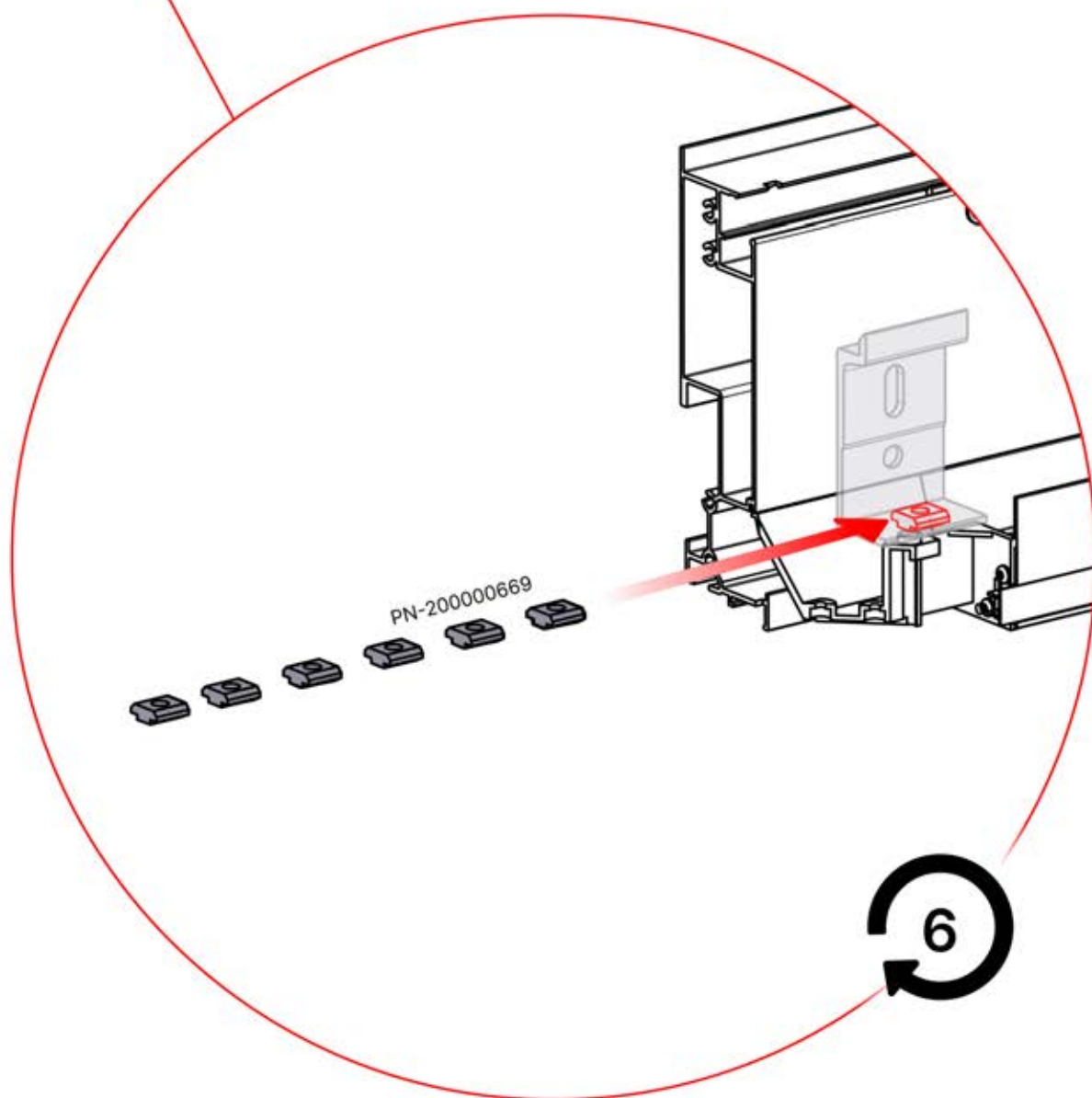
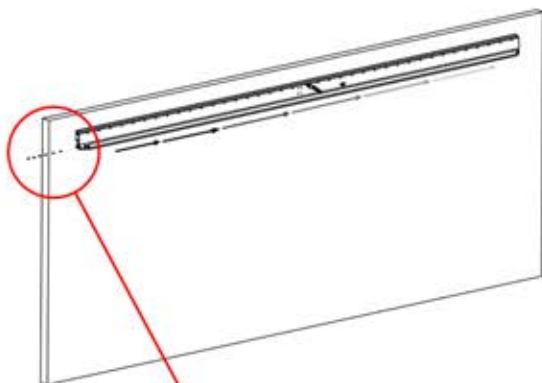
 **3**

ANTHRACITE: B199
WHITE: B207
BLACK: B203

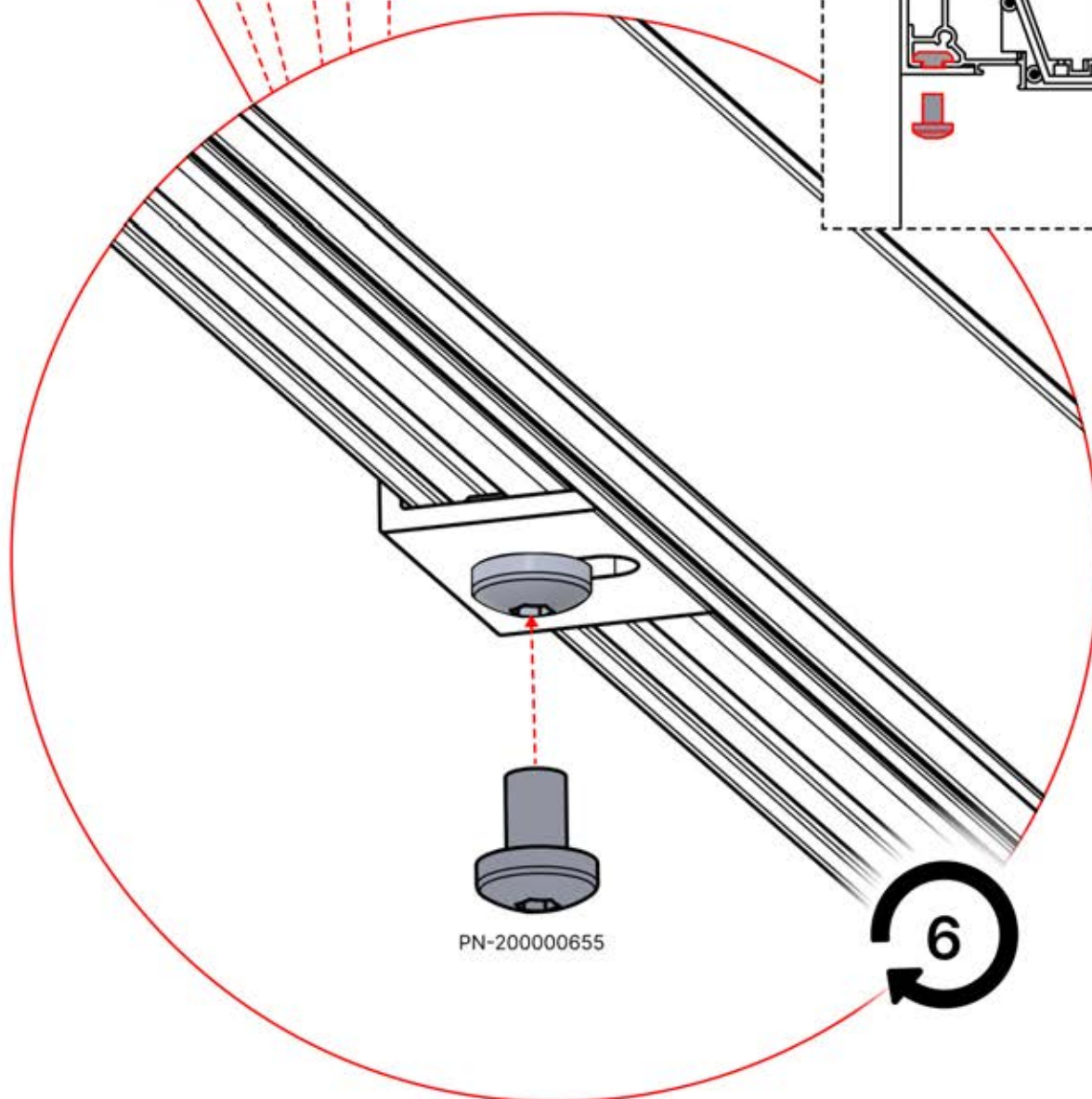
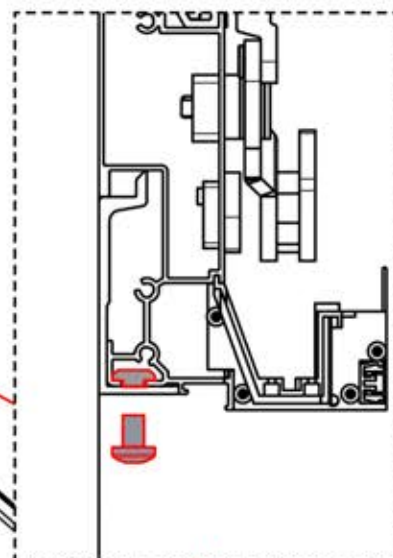
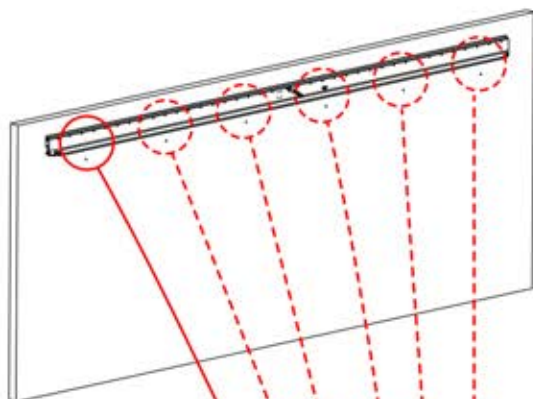
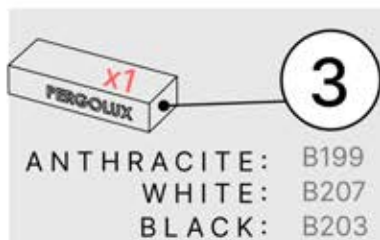


PN-200000669
6x

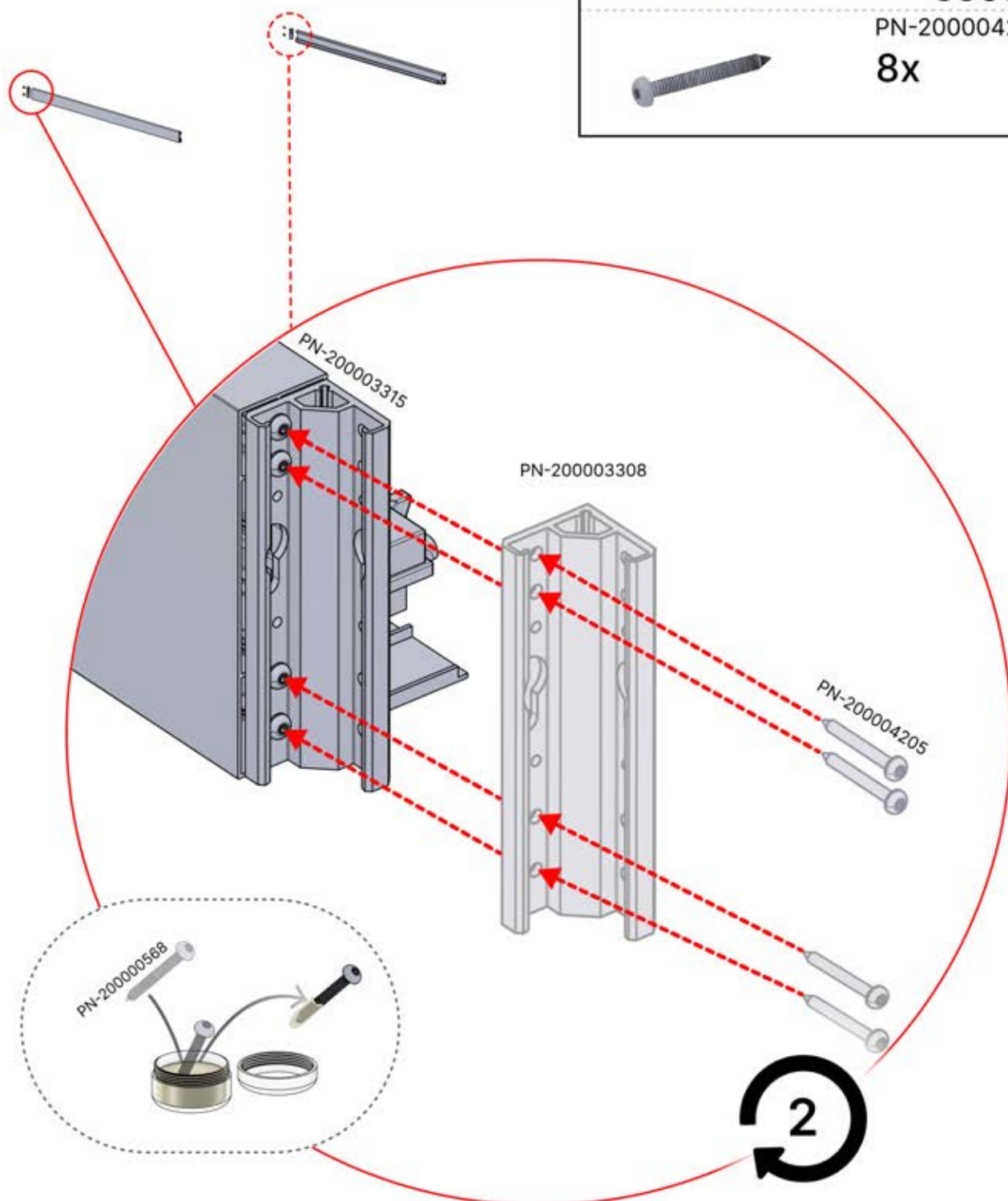
PN-20000
3307 



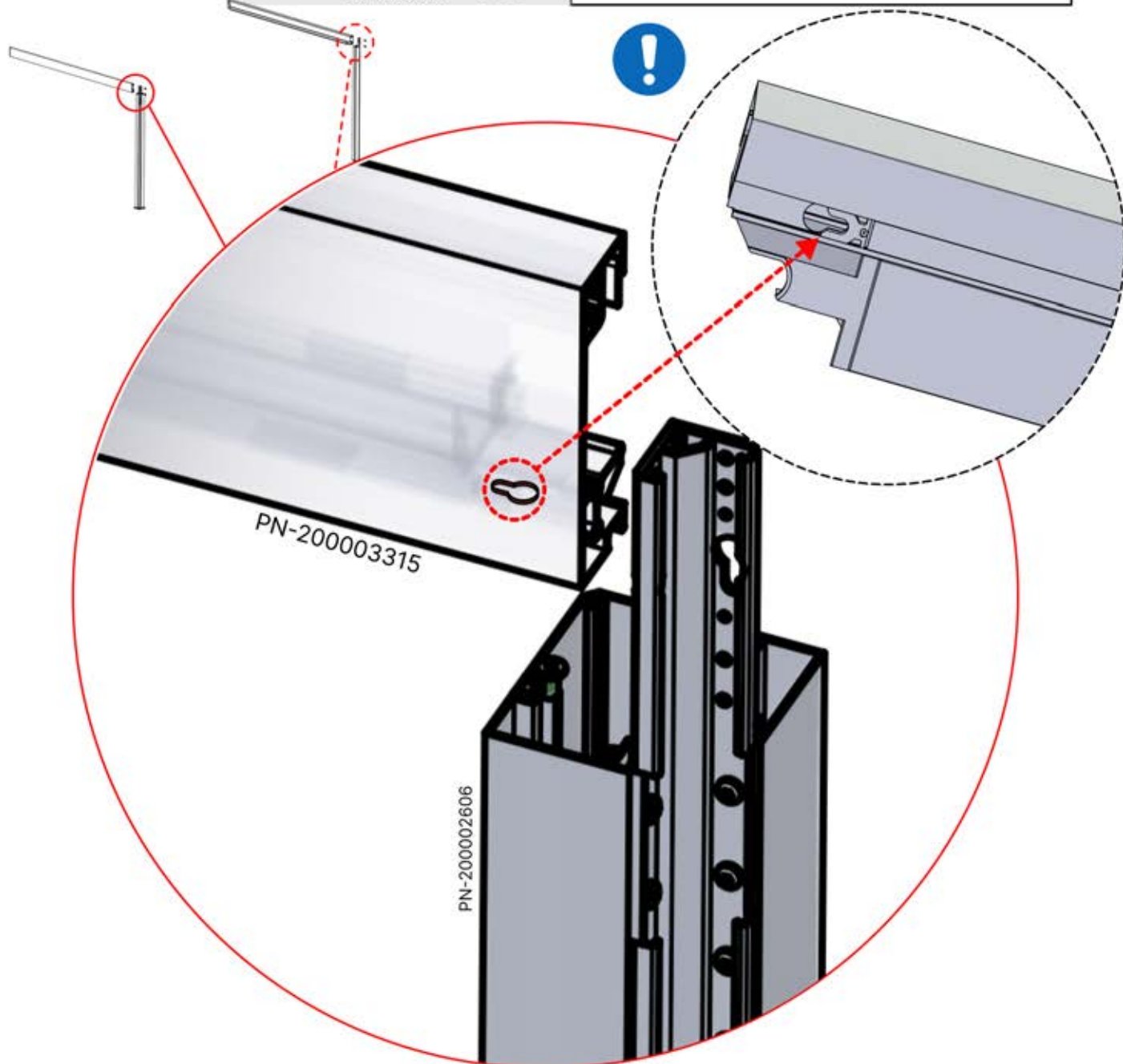
07



08



INFORMATION



09



2

ANTHRACITE: B214
WHITE: B218
BLACK: B216



5

ANTHRACITE: C120
WHITE: C122
BLACK: C121



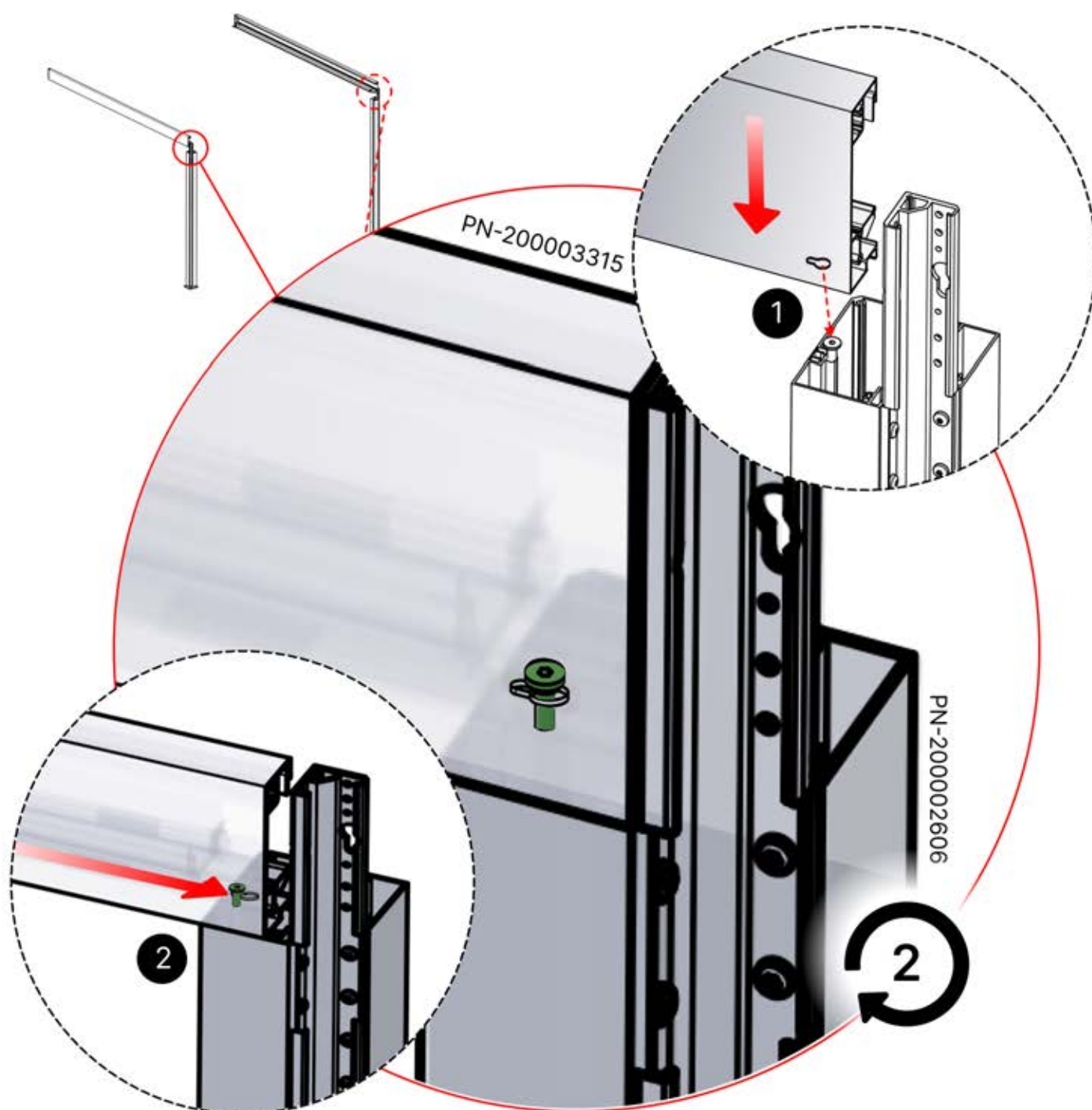

PN-200002606
2x



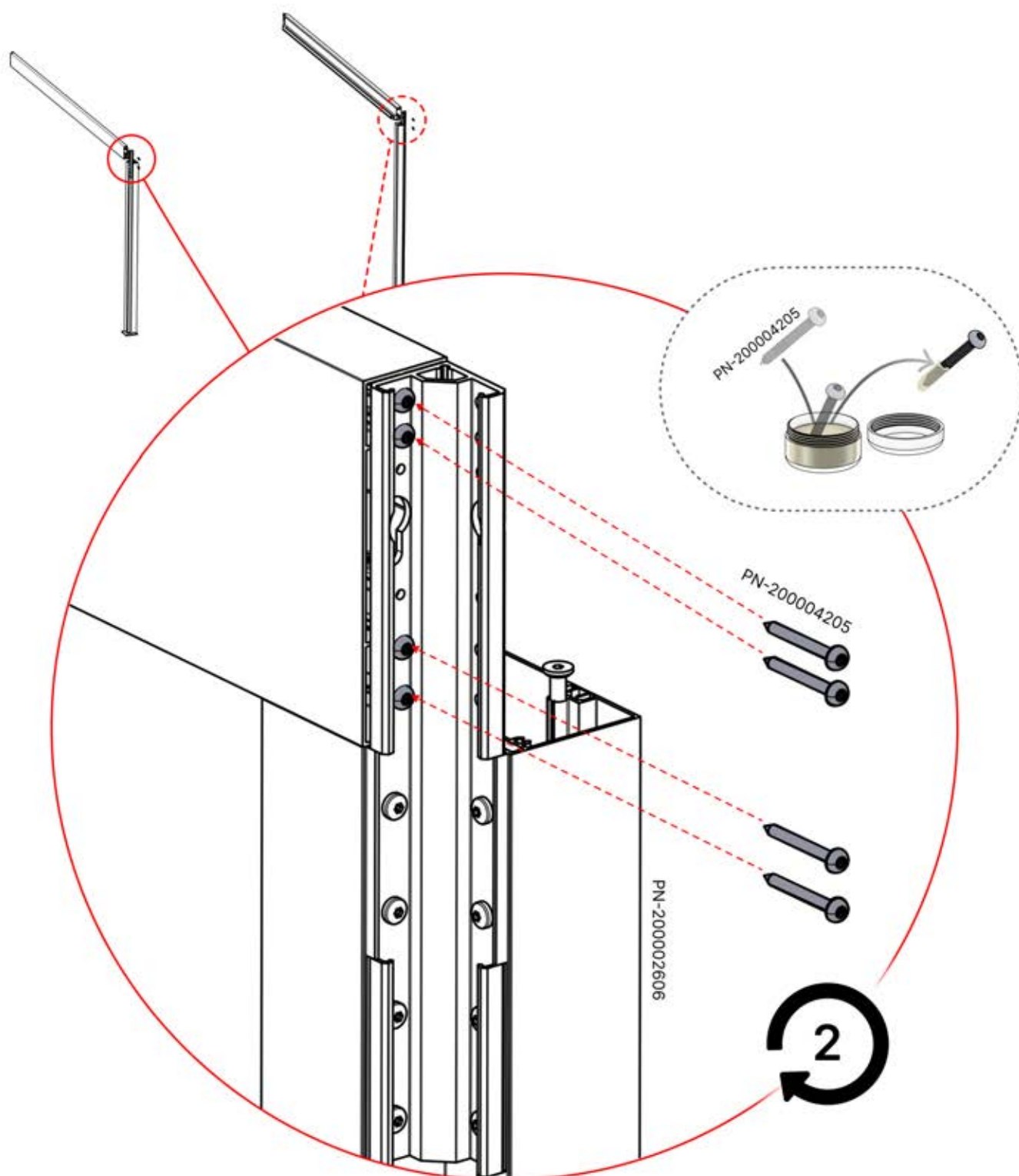
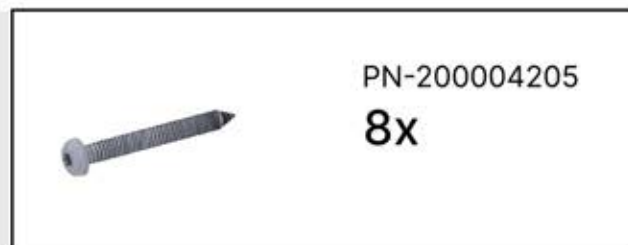

PN-200003315
1x




PN-200003314
1x



10



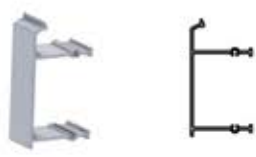
11



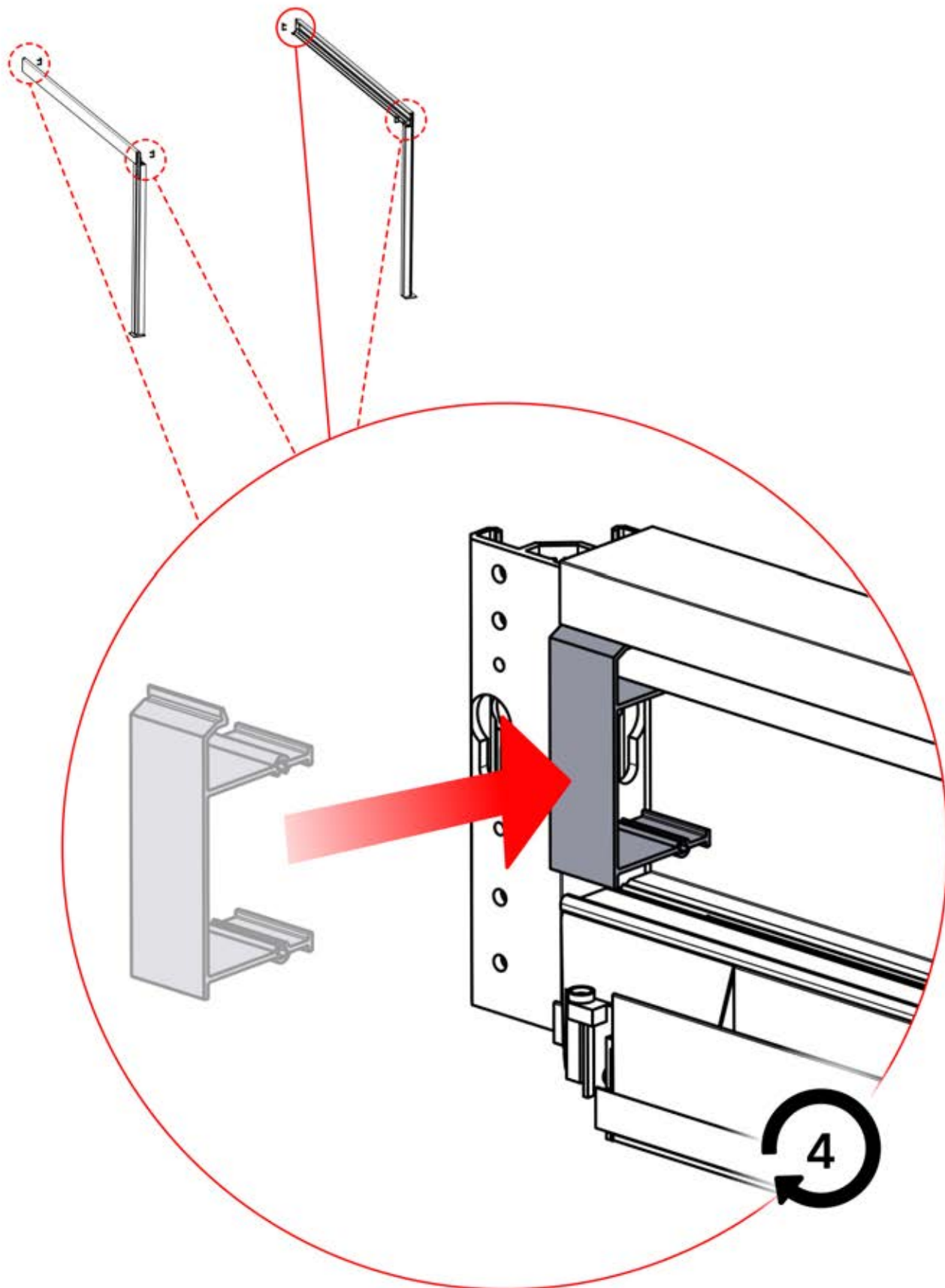
x1

3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



PN-200002622
4x
PN-20000
3281 



12

 **x7**

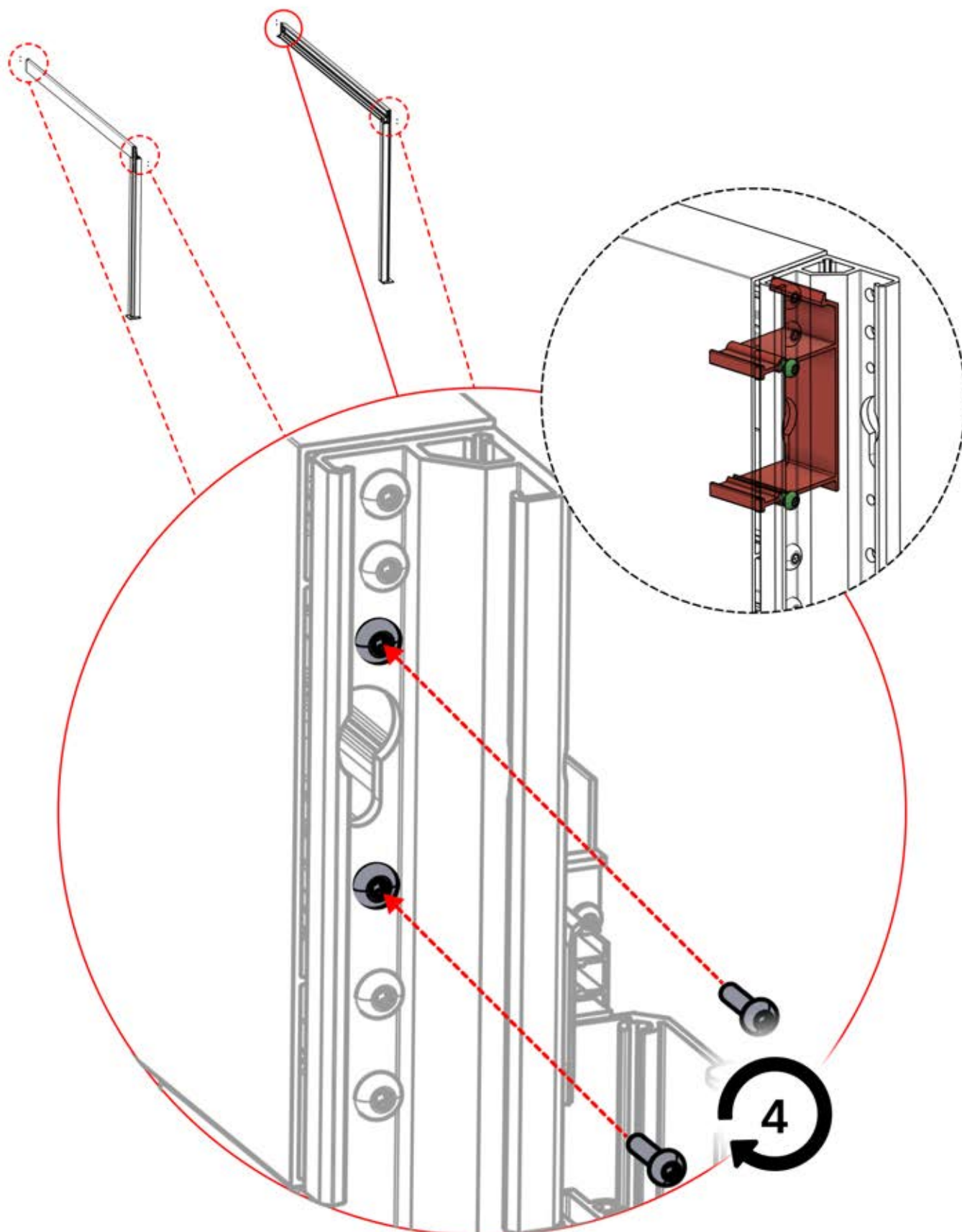
3

ANTHRACITE: B199
WHITE: B207
BLACK: B203

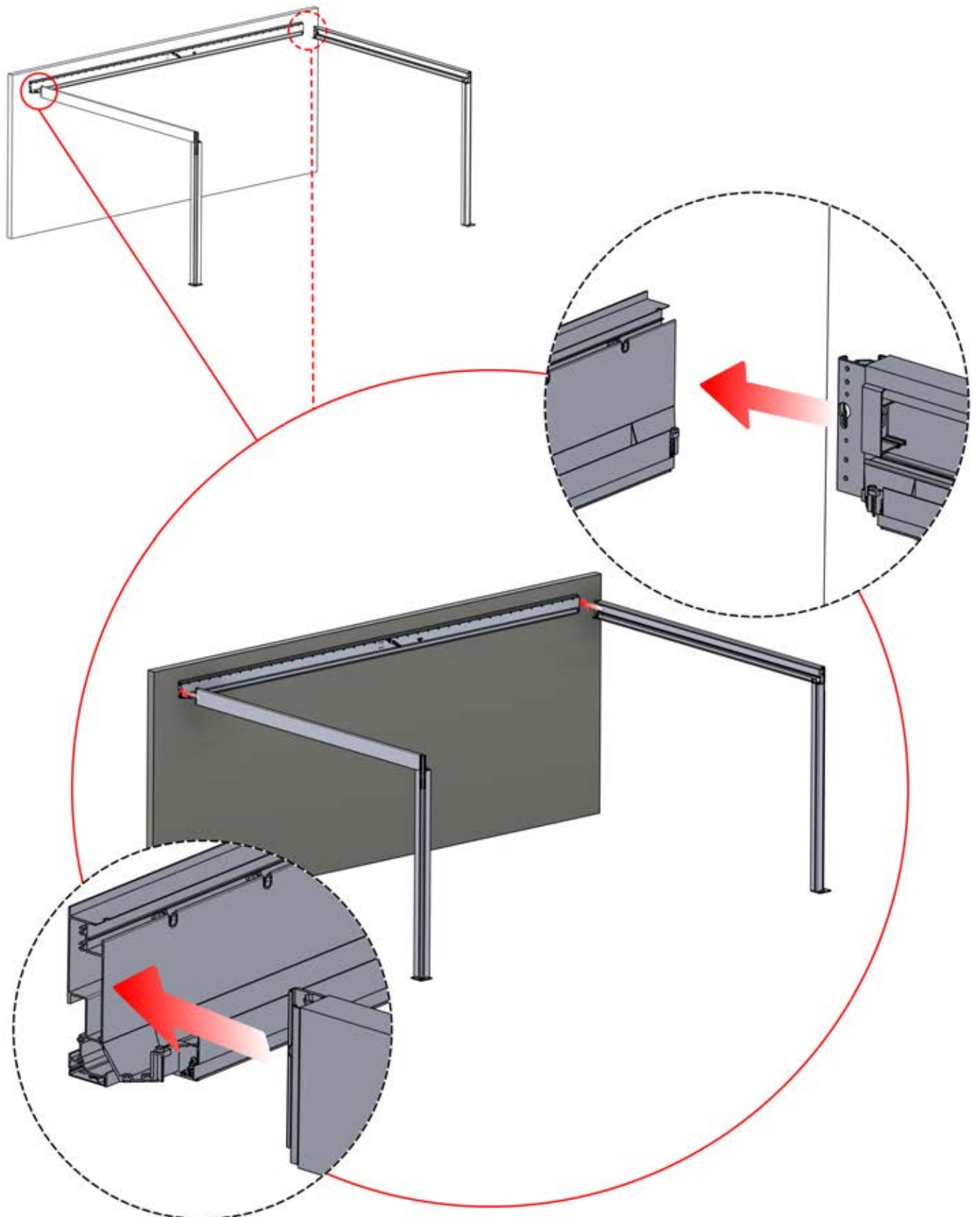


PN-200000680

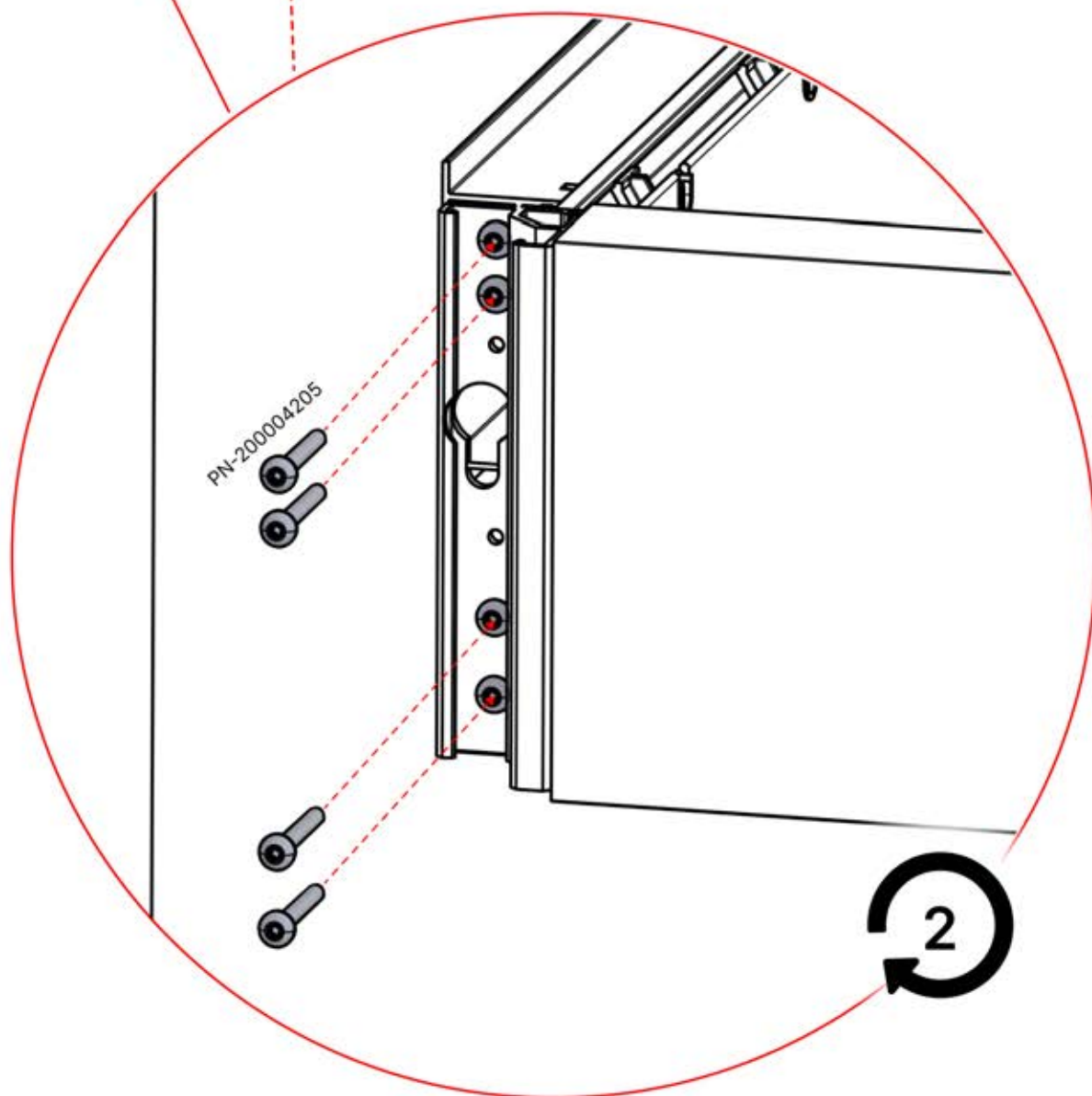
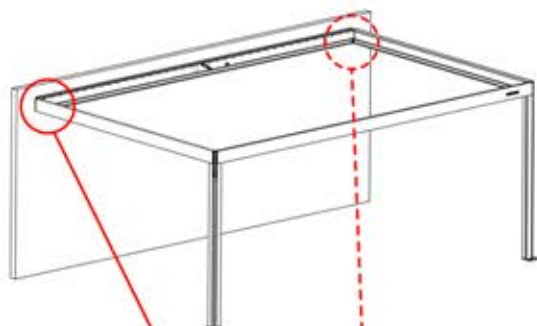
8x PN-20000
3281 



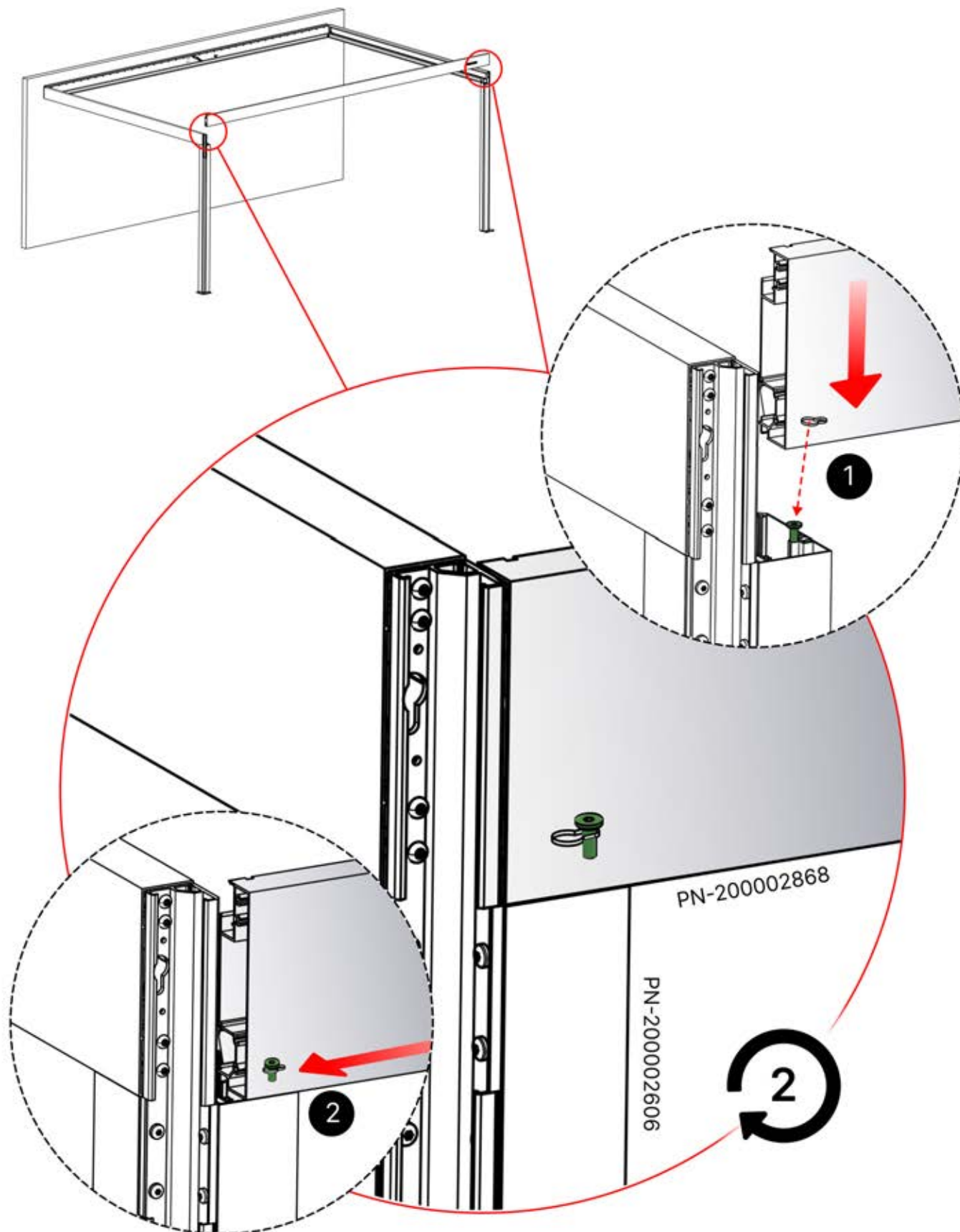
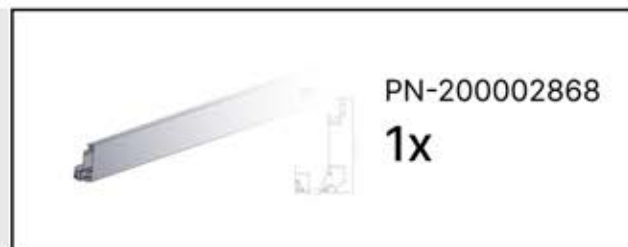
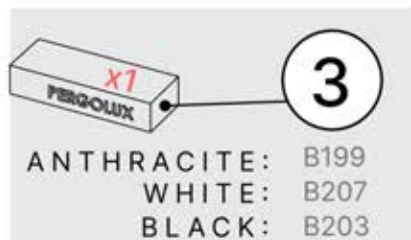
13



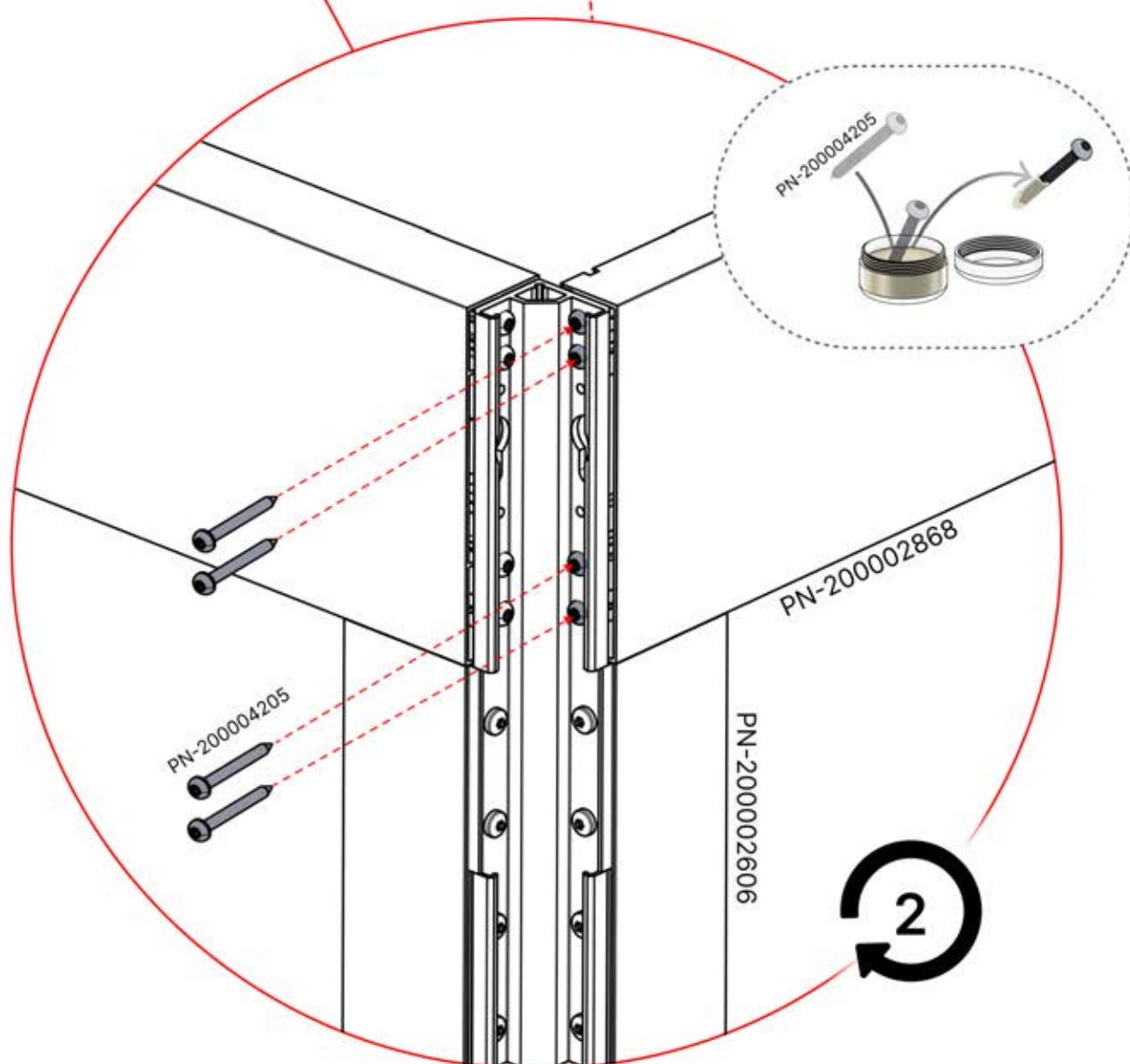
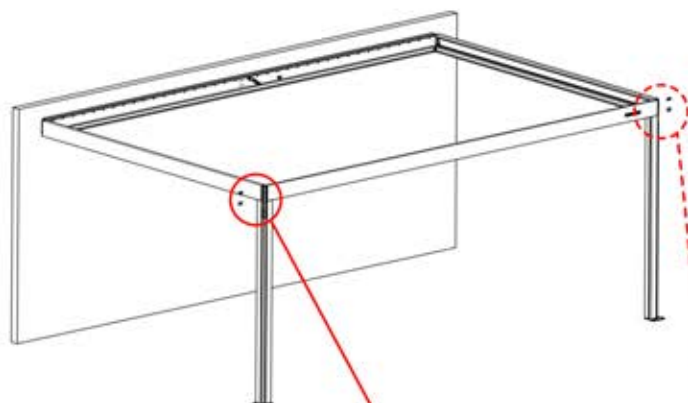
14



15



16



17

3

x1
PERGOUX

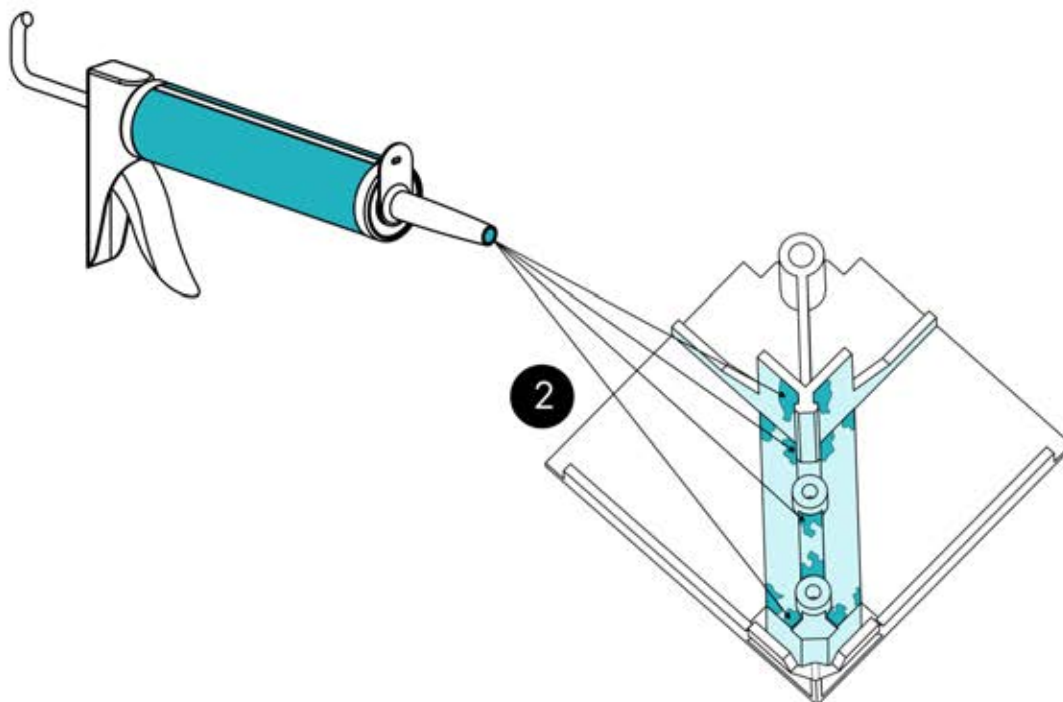
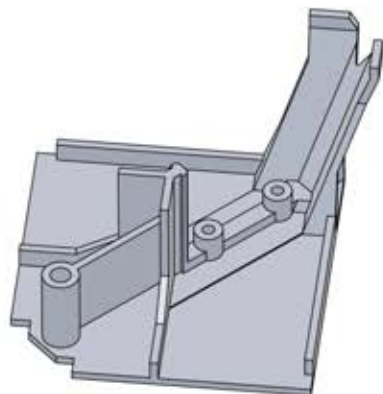
ANTHRACITE: B199
WHITE: B207
BLACK: B203

PN-200002793

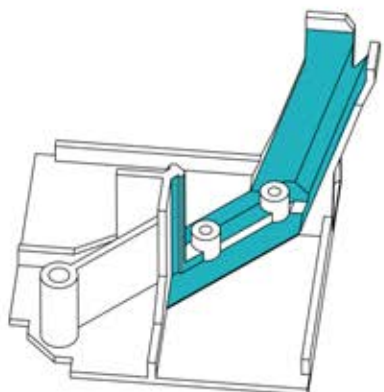
2x

PN-20000
3311 Zip Bag

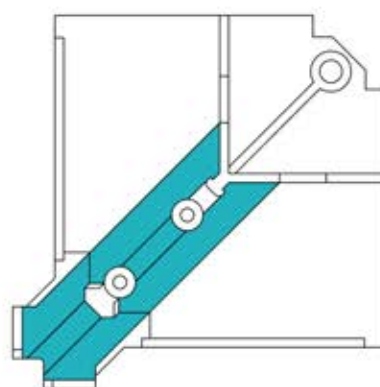
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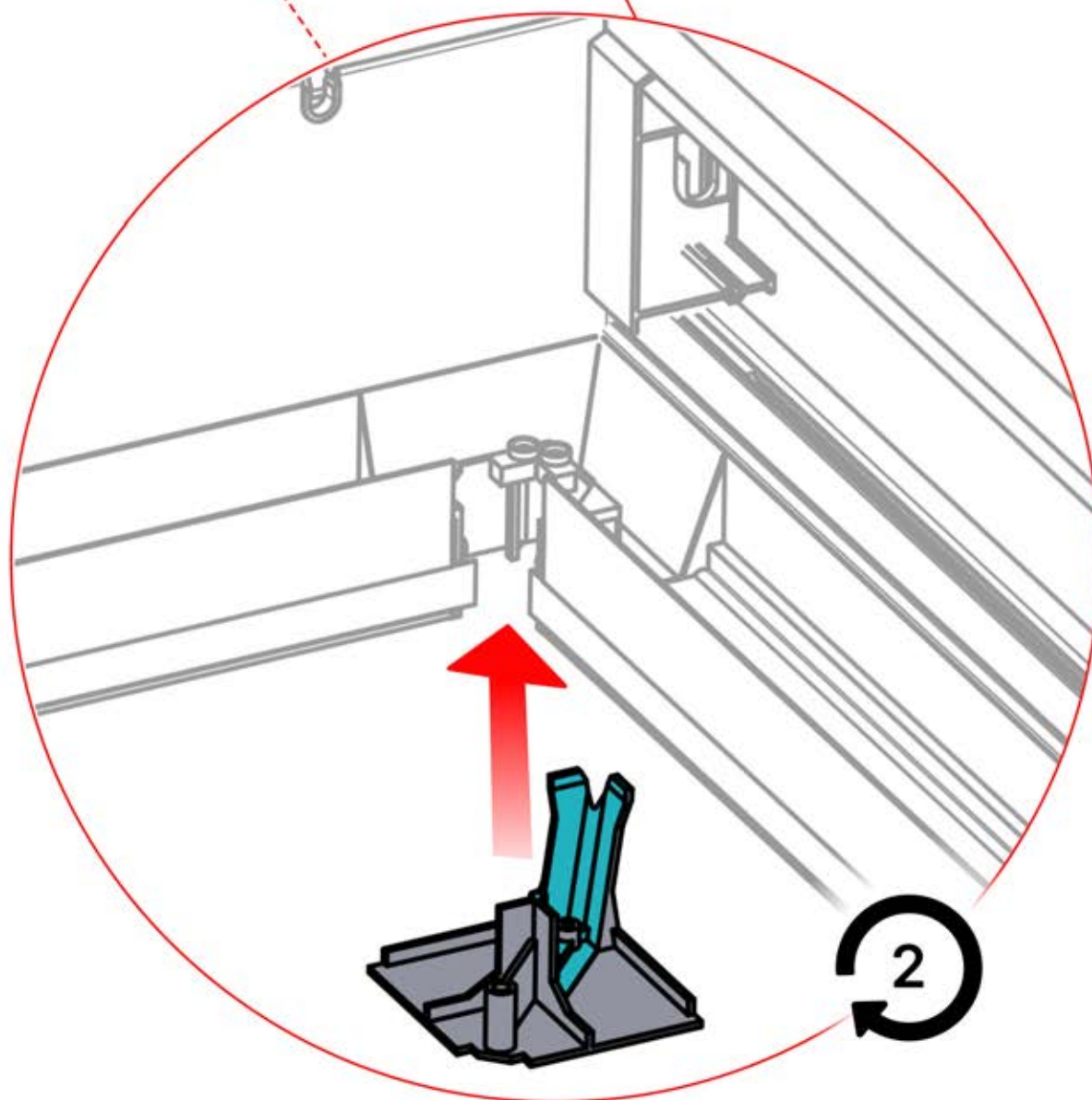
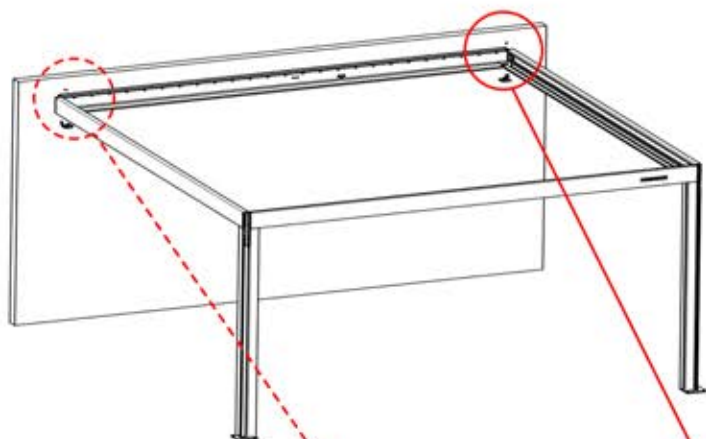
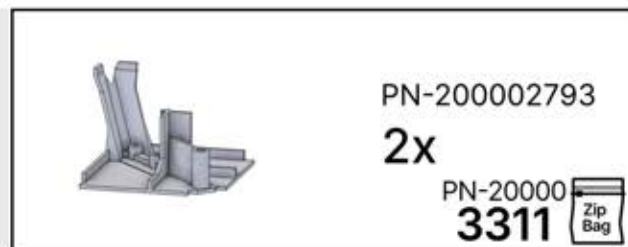
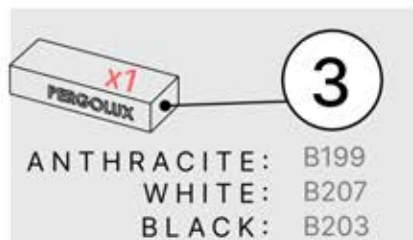
2



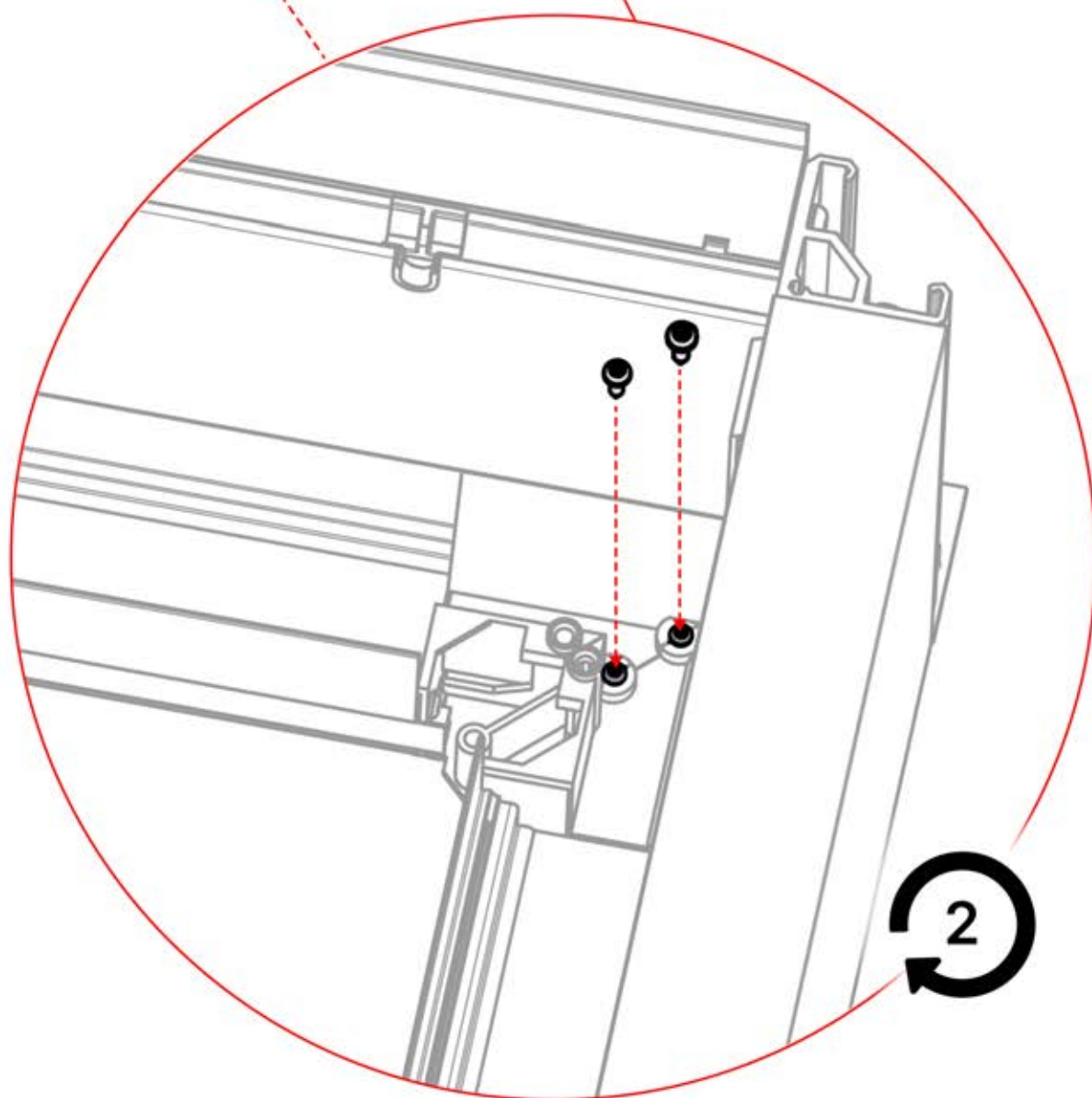
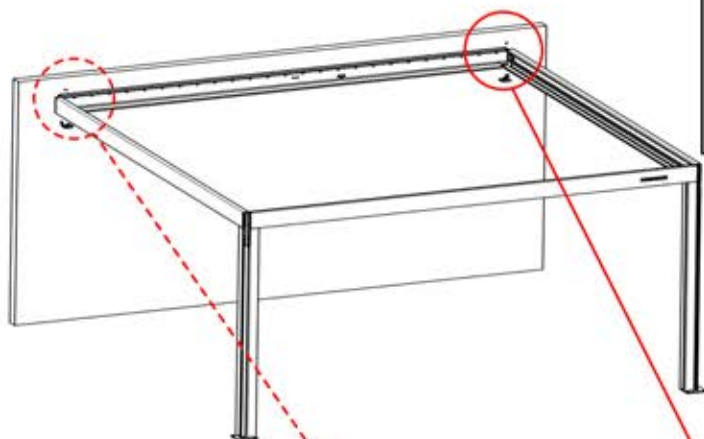
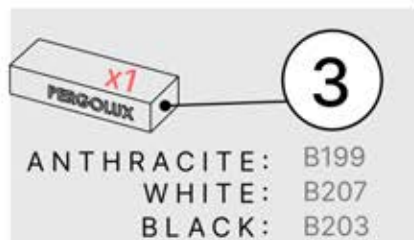
3



18



19



INFORMATION

Have you ordered LED-Lights?

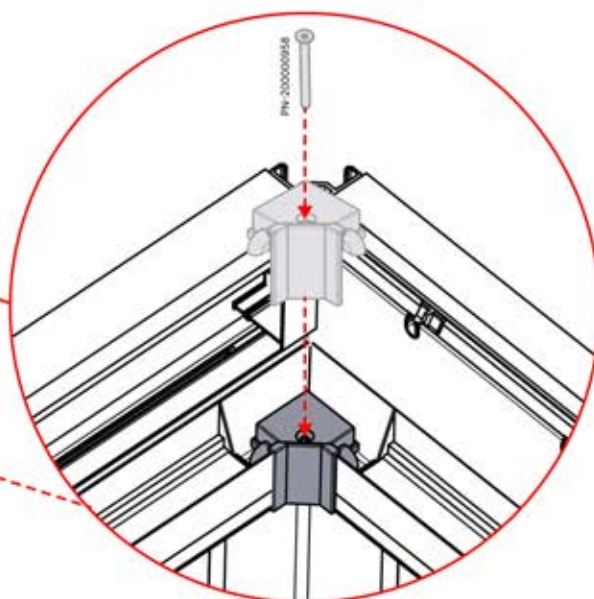
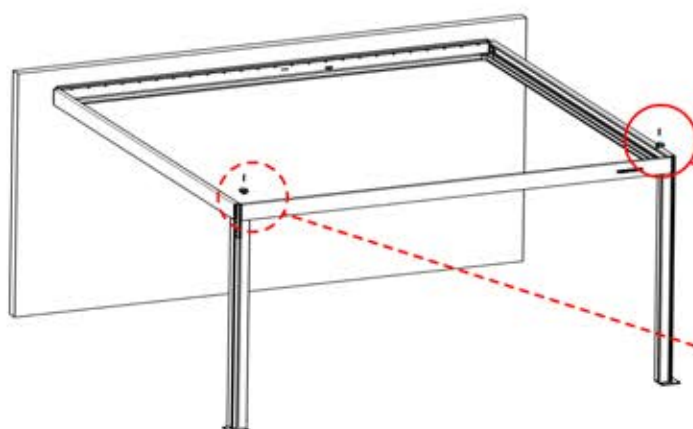
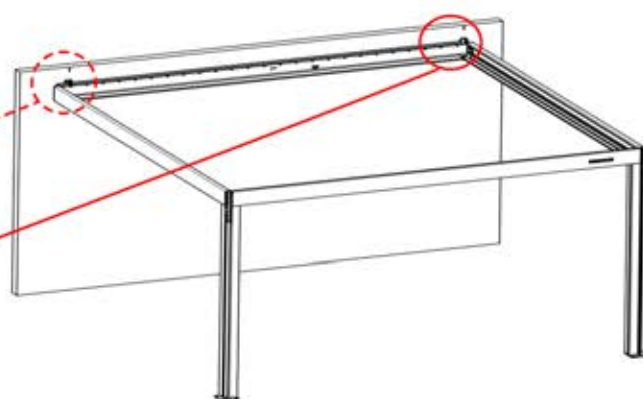
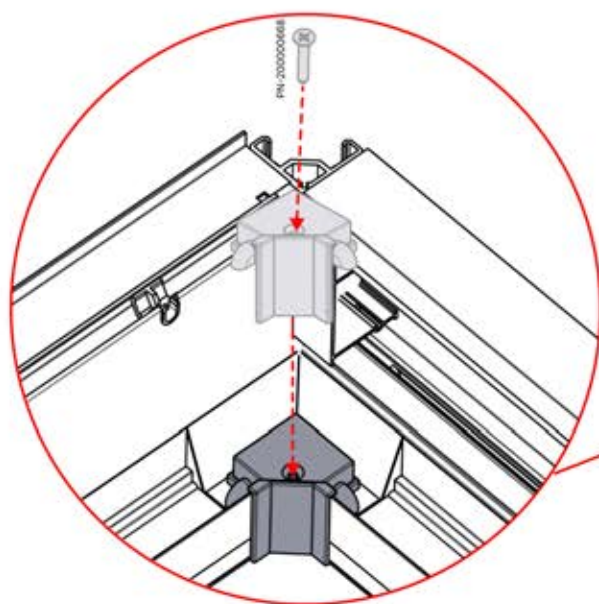
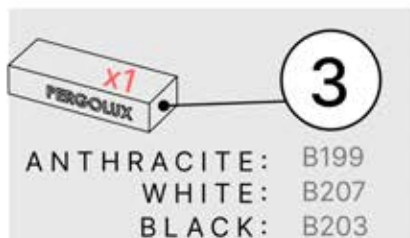
Now is the time to start the assembling.



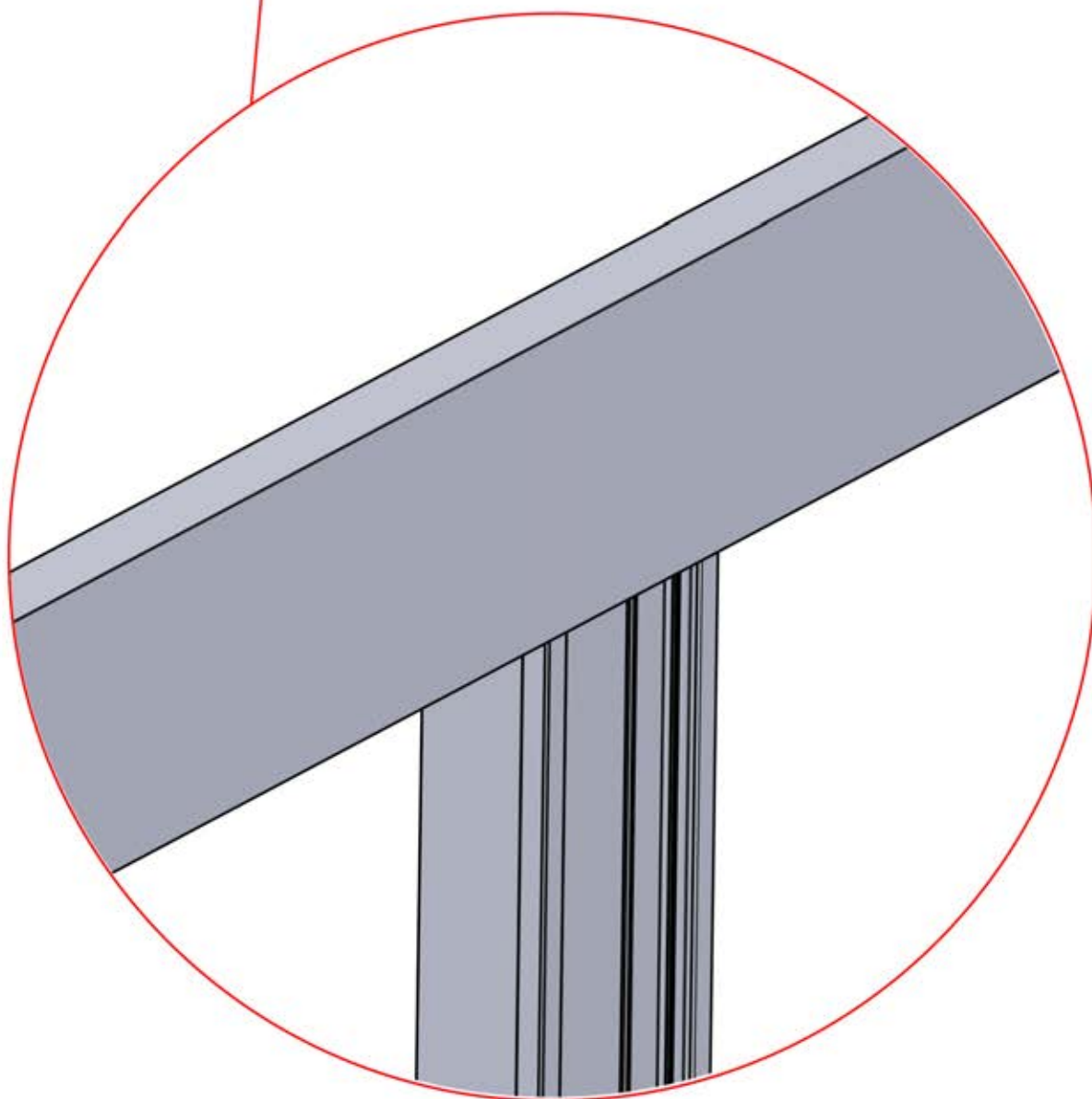
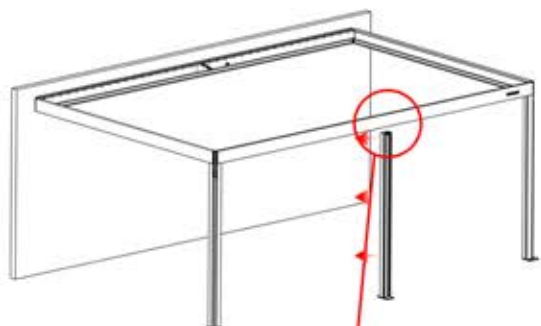
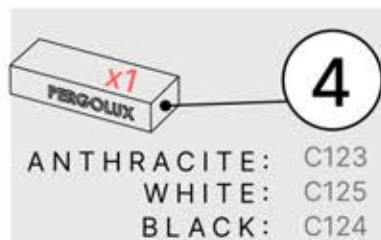
Follow the instruction for the LED lights in the assembly PDF and Video linked:



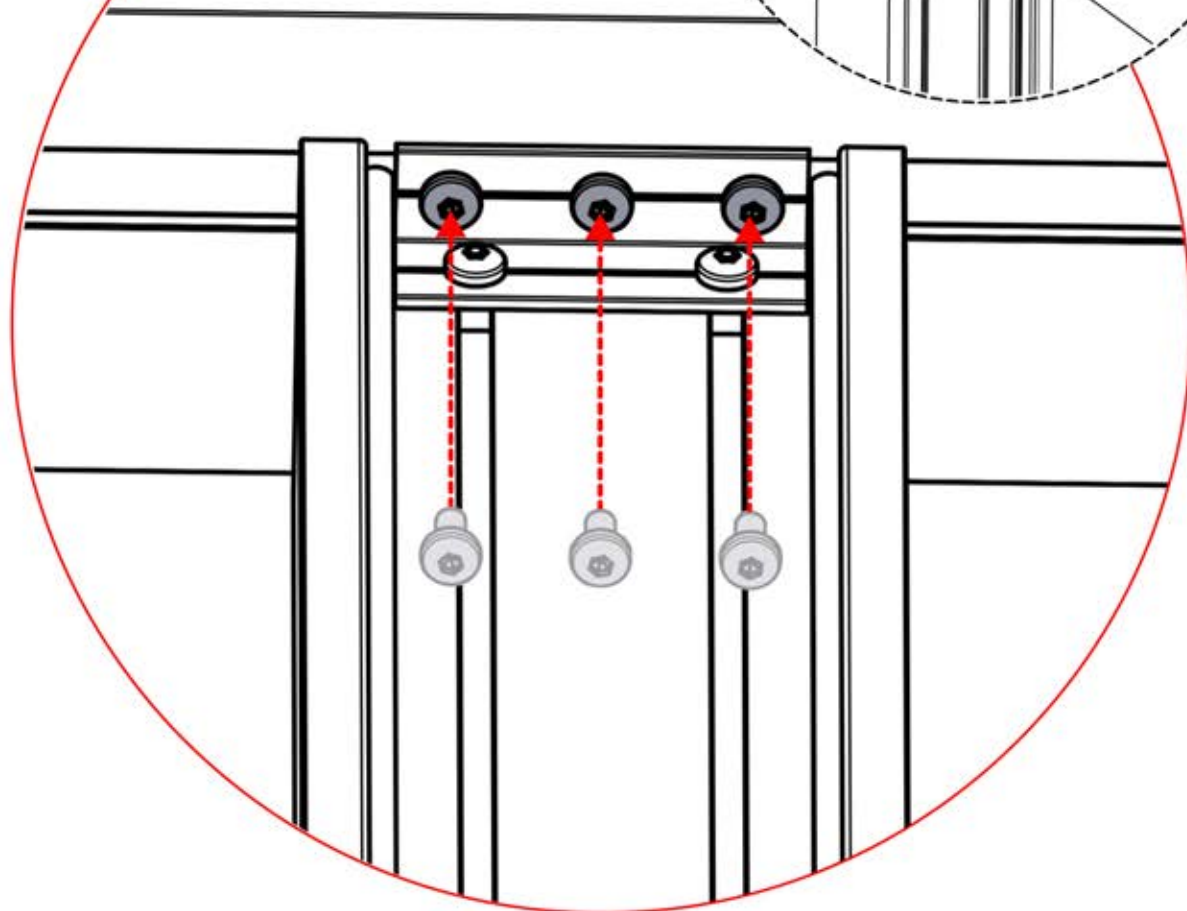
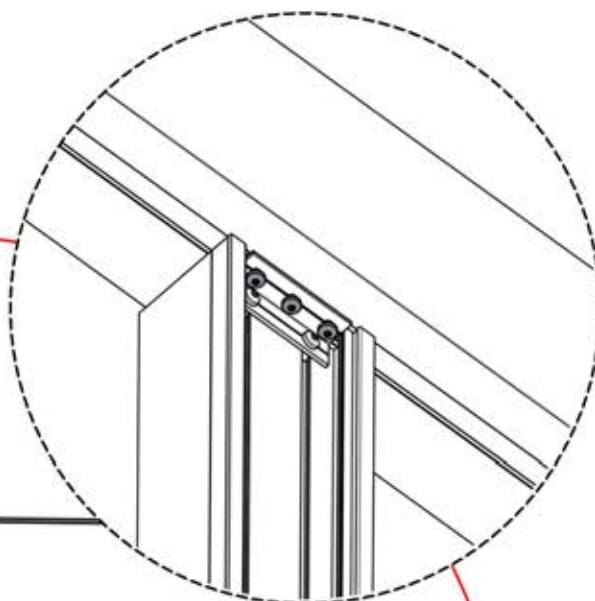
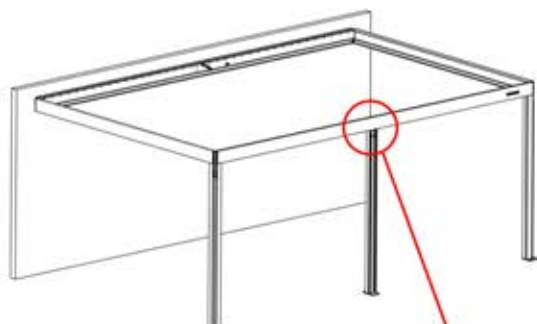
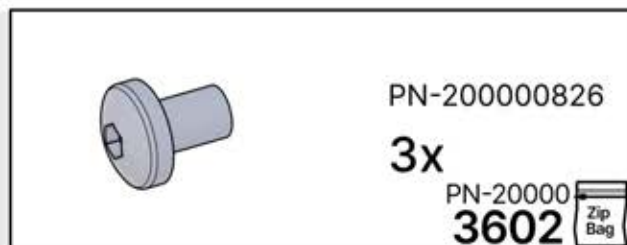
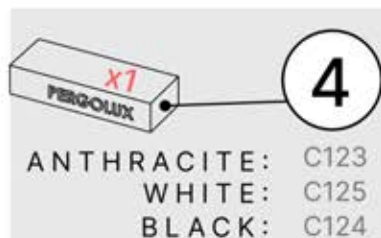
20



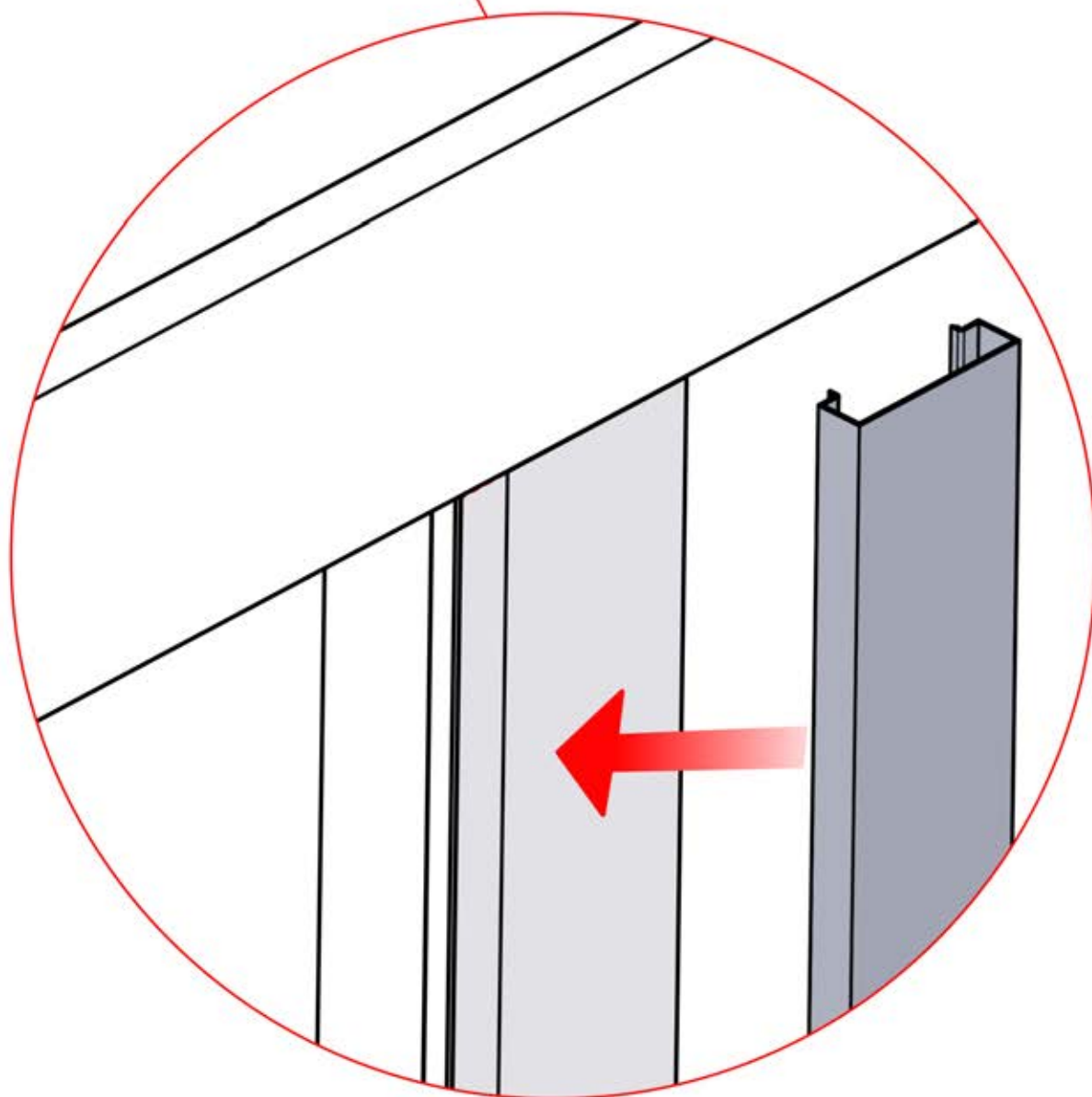
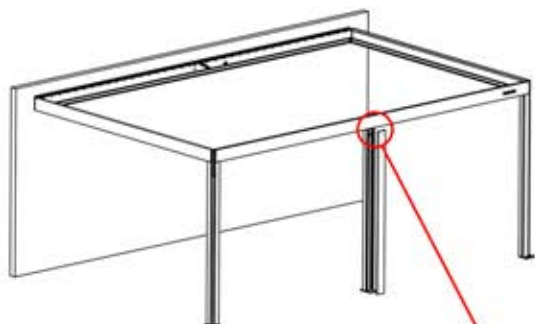
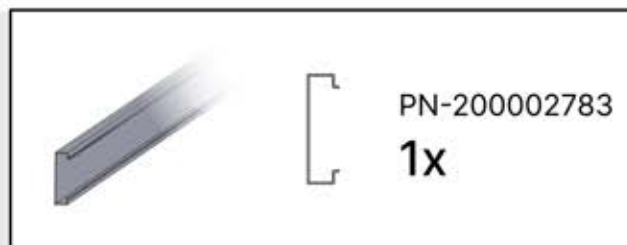
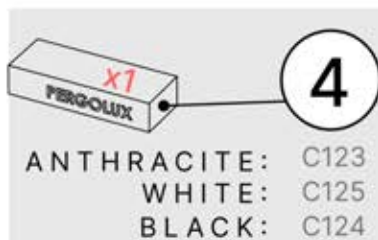
21



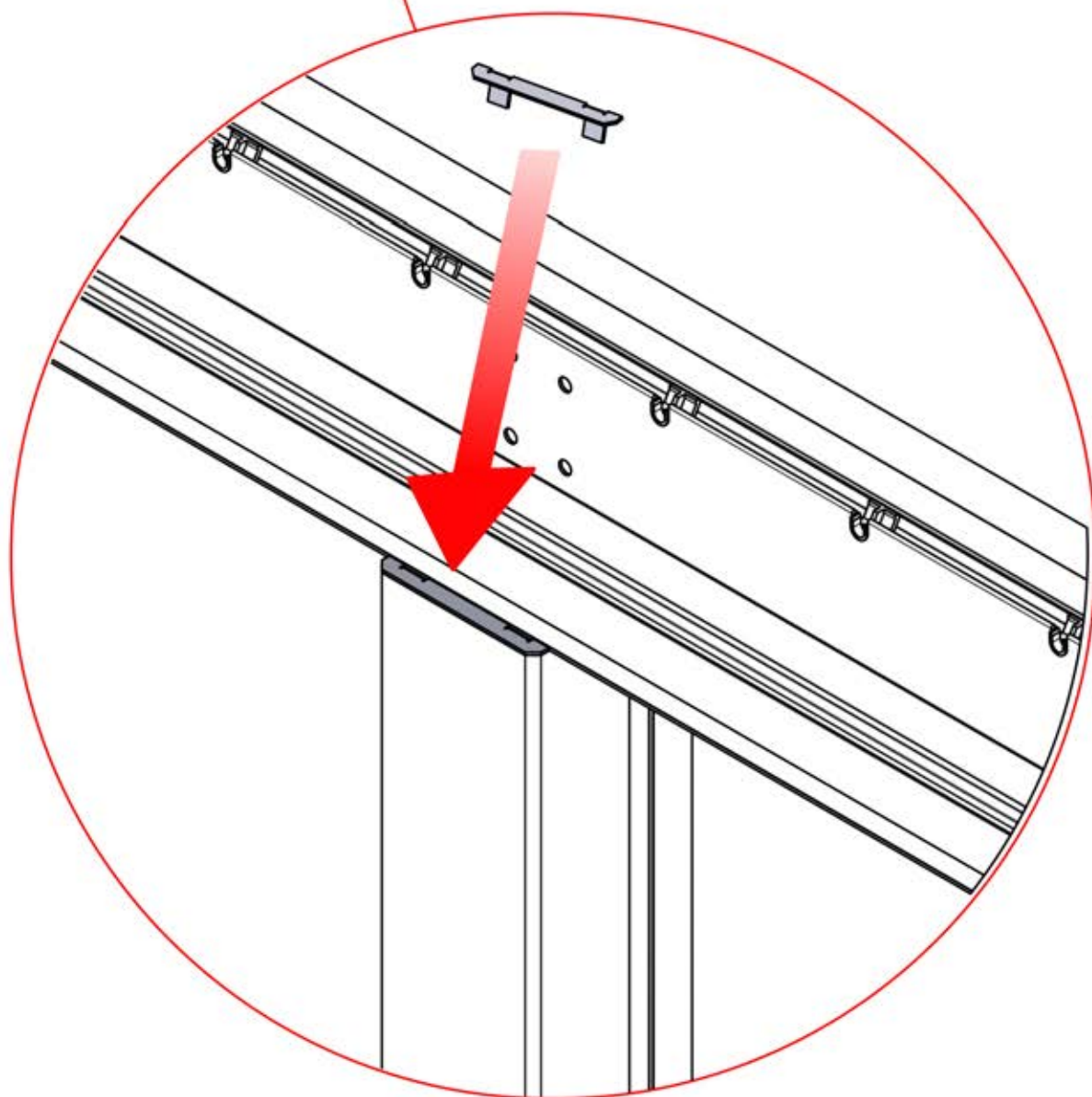
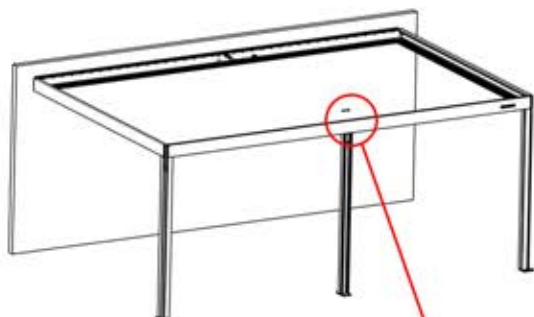
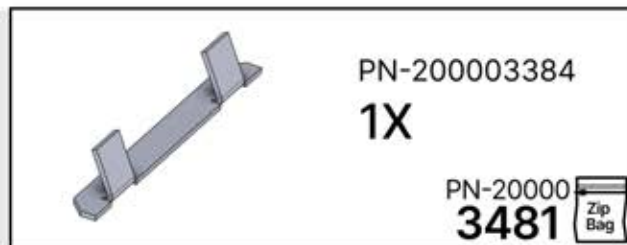
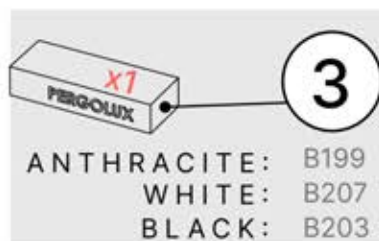
22



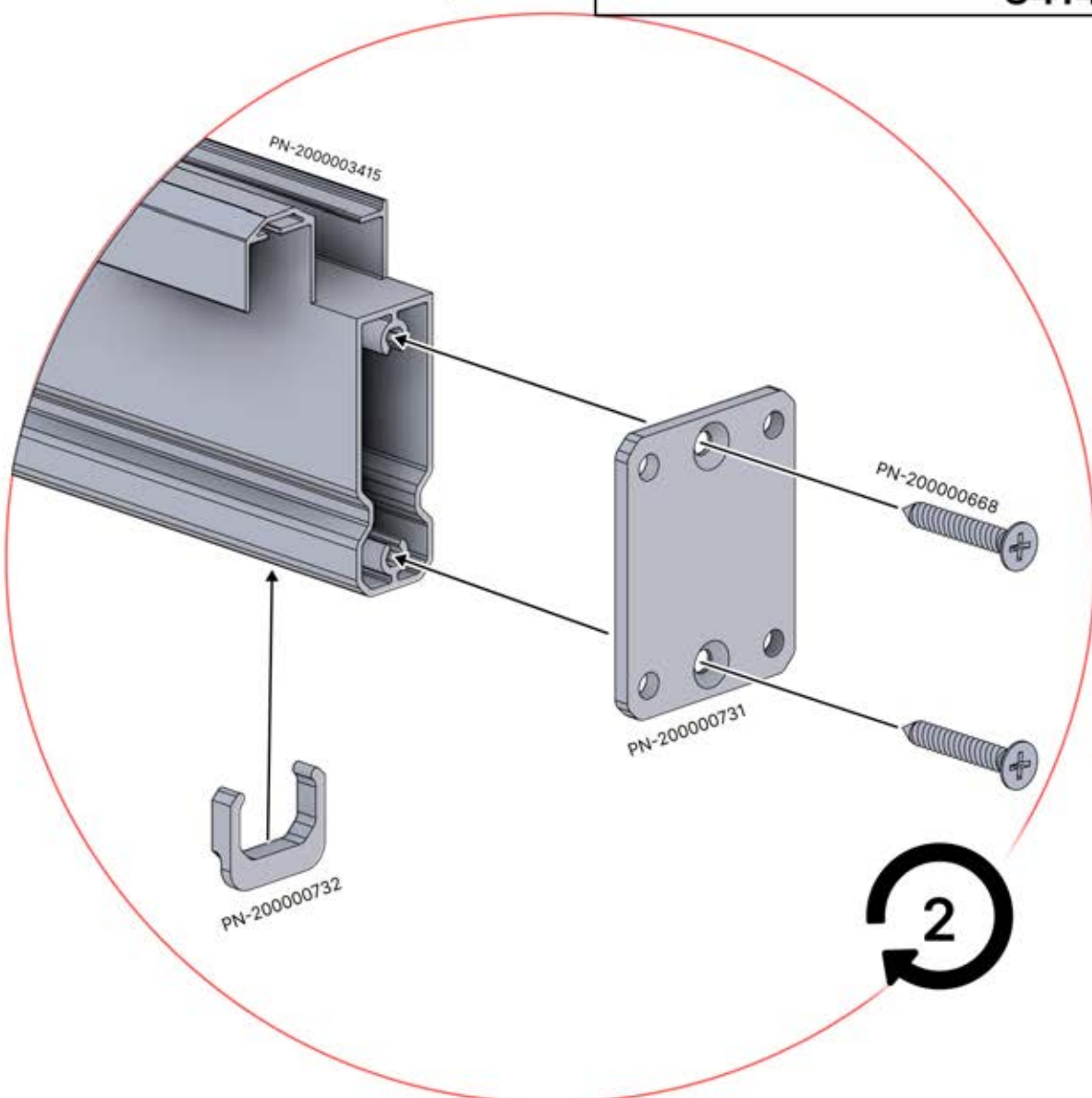
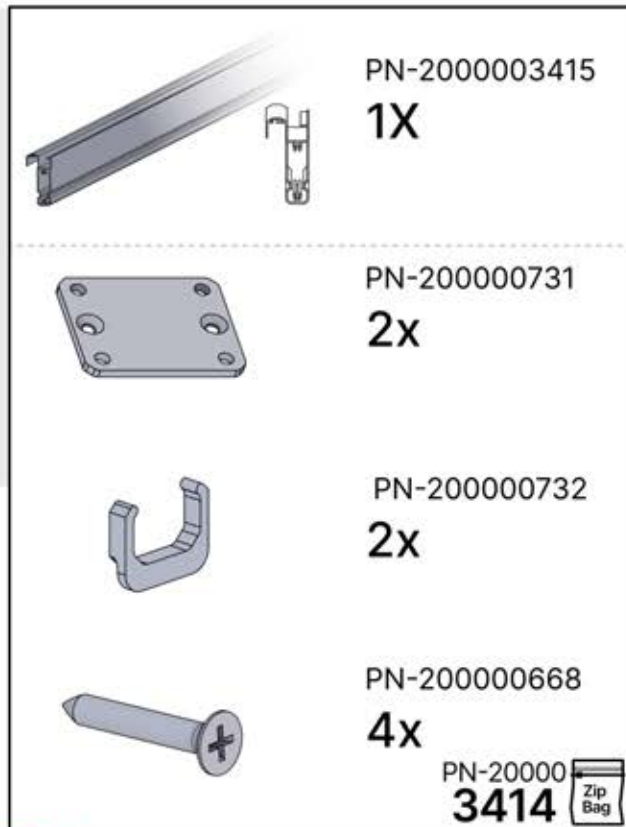
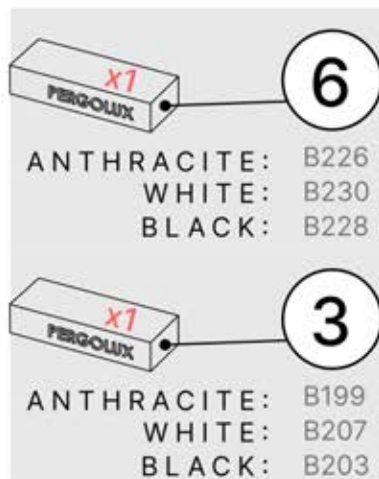
23



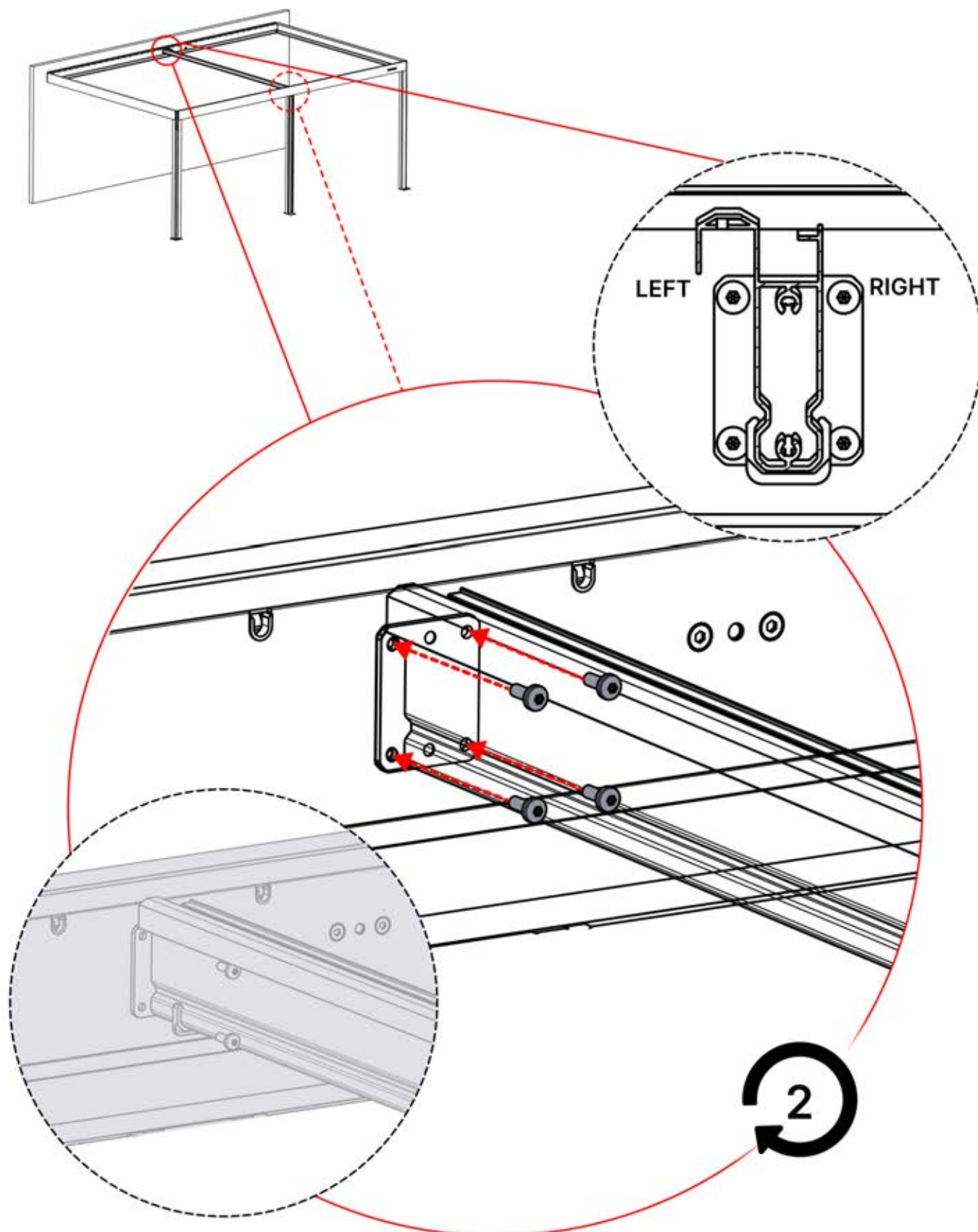
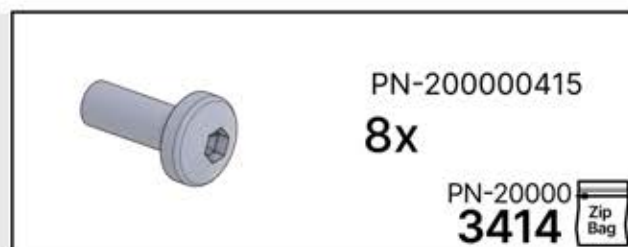
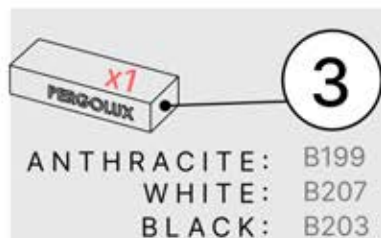
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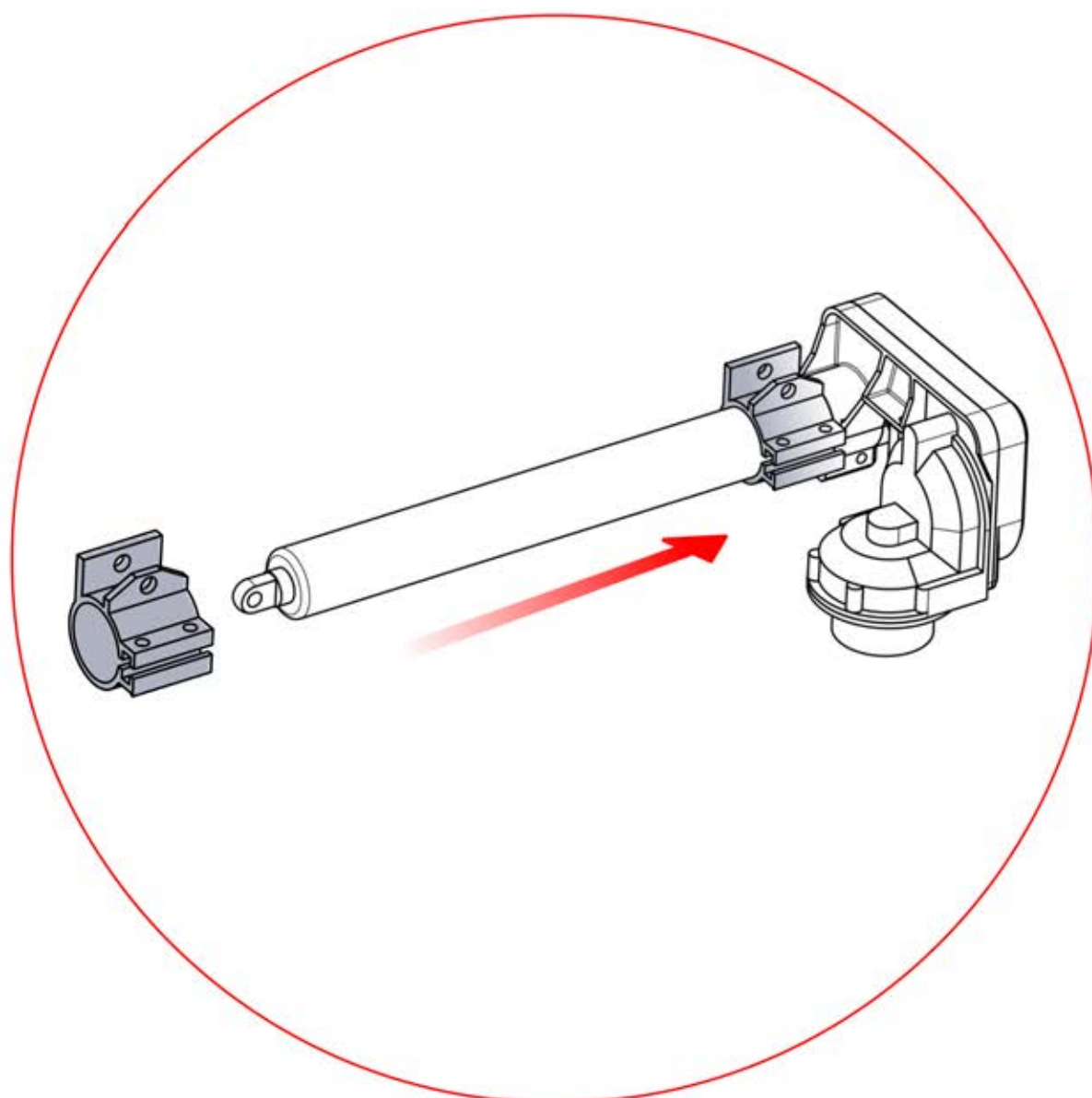
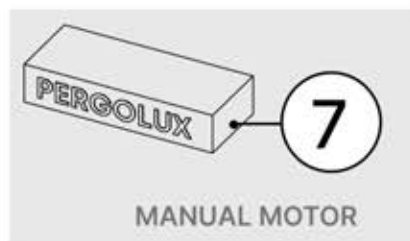
25



26



27



28

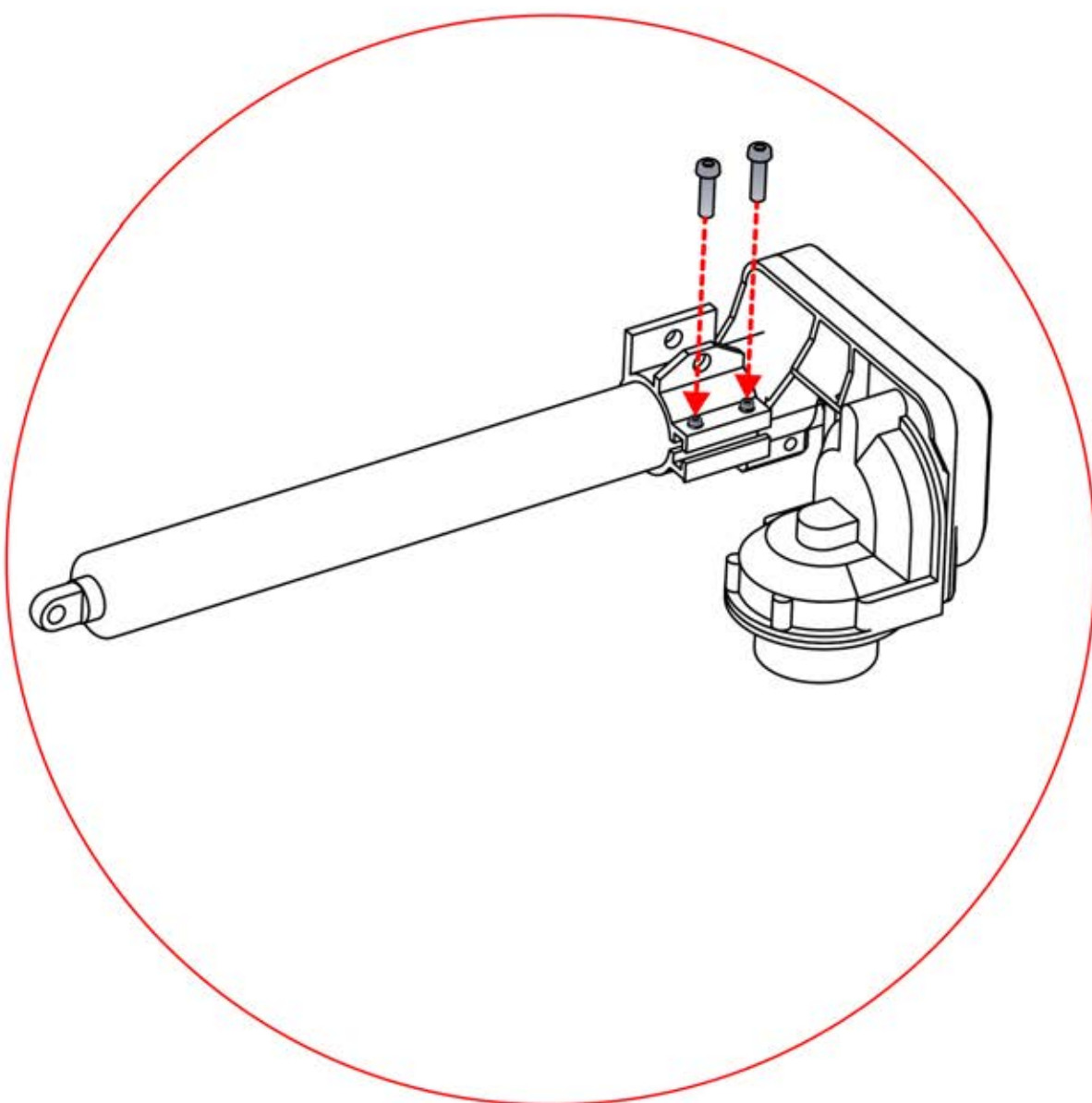


MANUAL MOTOR



PN-200001625

2x

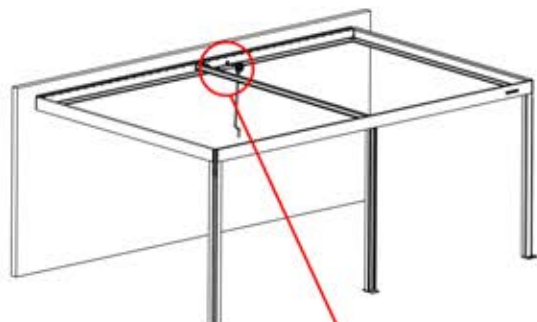


29



3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



PN-200003318

1x



PN-200003317

1x



PN-200000511

2x



PN-200000502

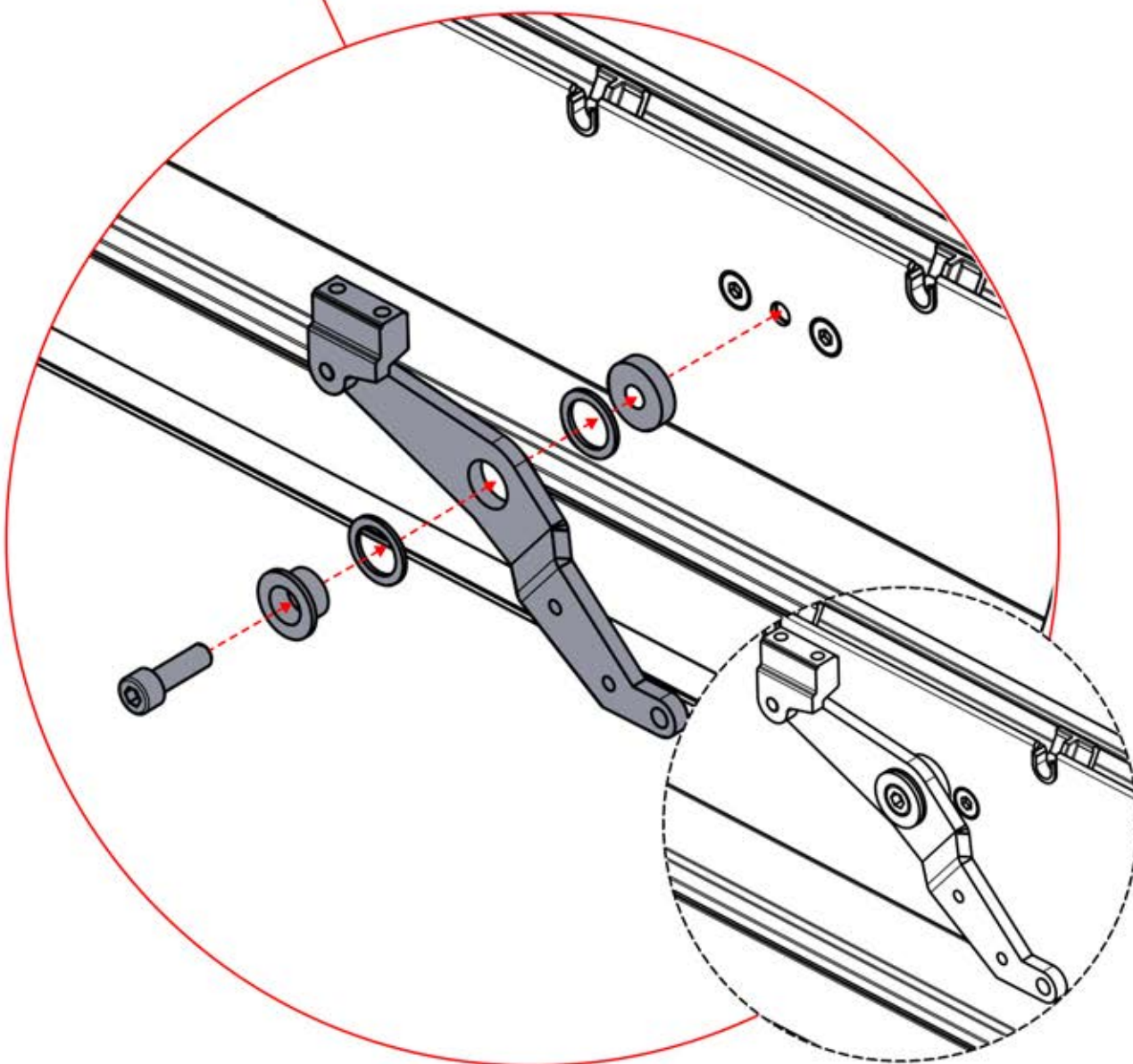
1x



PN-200000561

1x

PN-20000
3319 Zip Bag

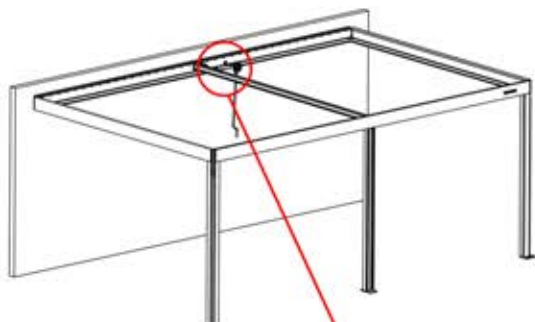


30



3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



PN-200003367

1x



PN-200000853

2x



PN-200003370

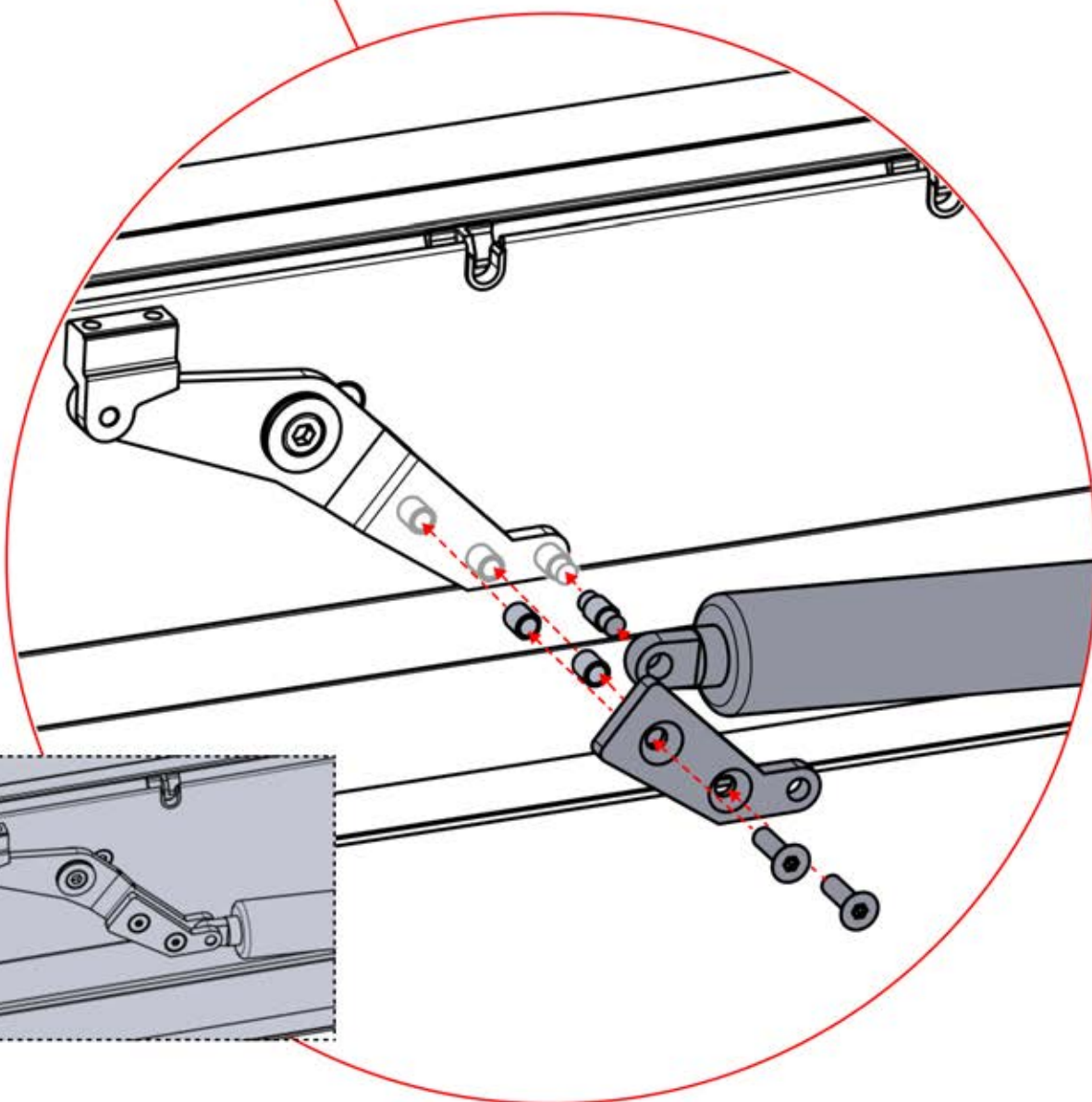
1x



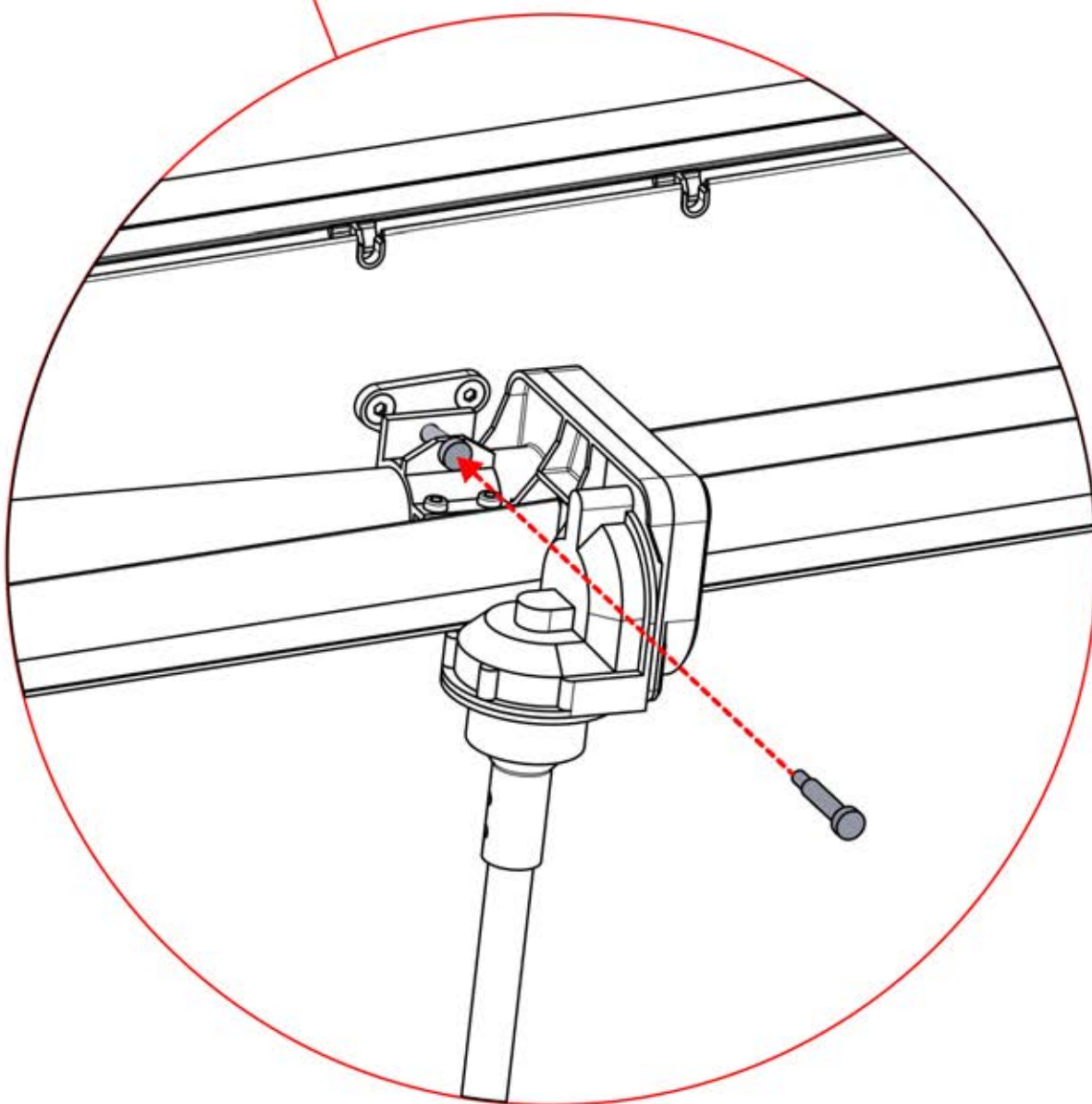
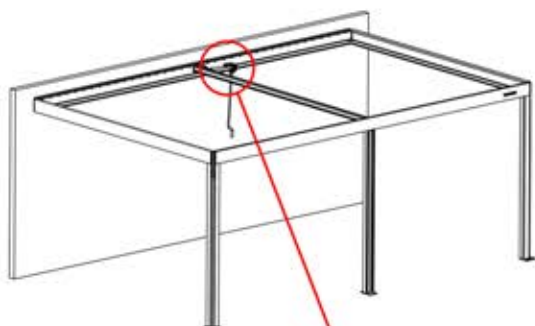
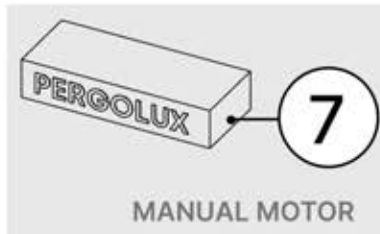
PN-200003368

2x

PN-20000
3319



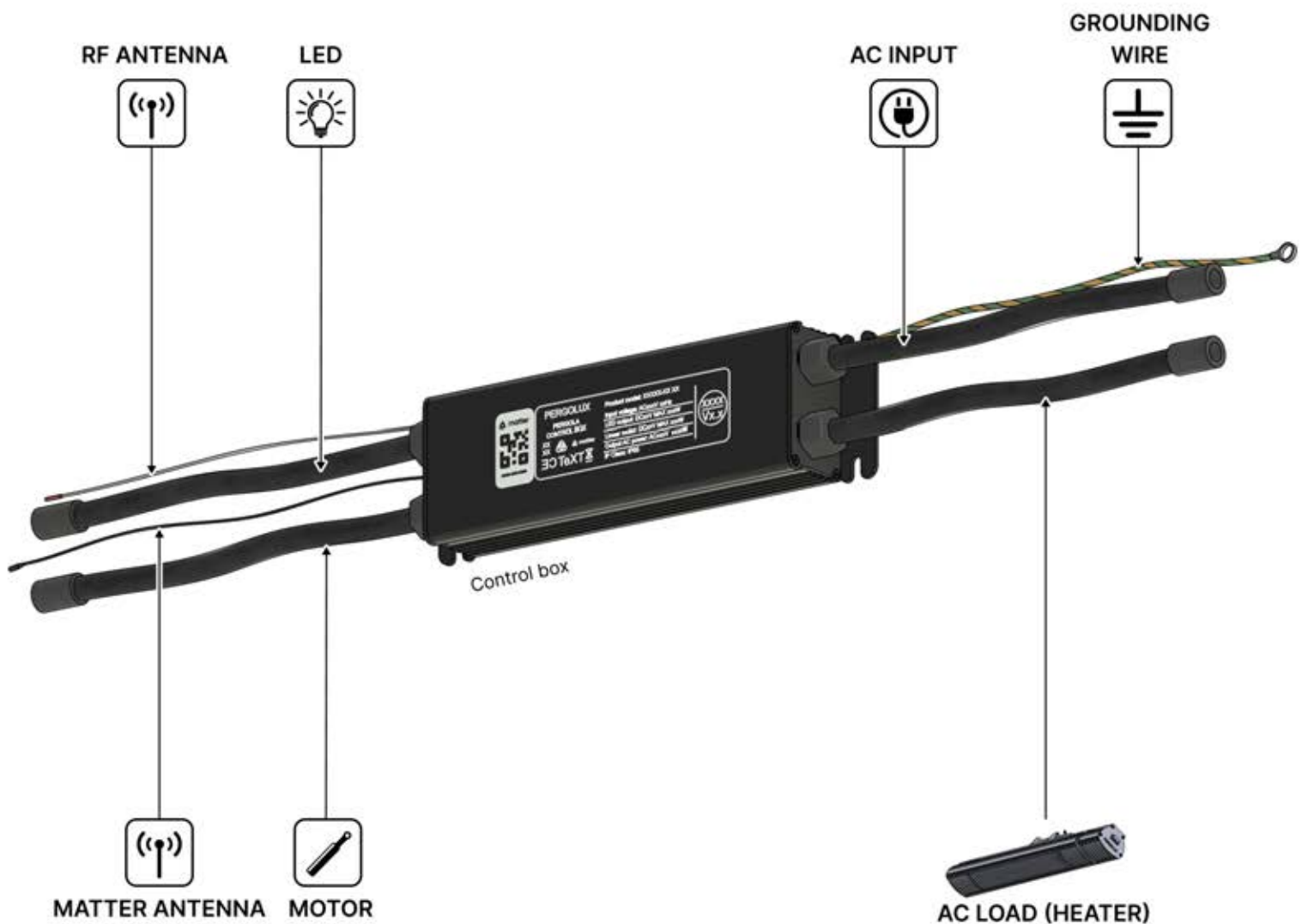
31



INPUTS AND OUTPUTS



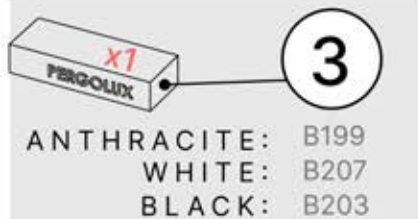
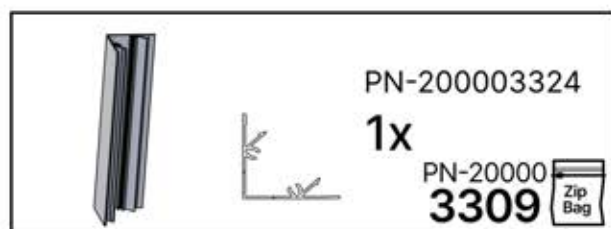
** Only if you ordered LED lights to your pergola.



ATTENTION: MOTOR RESET WARNING

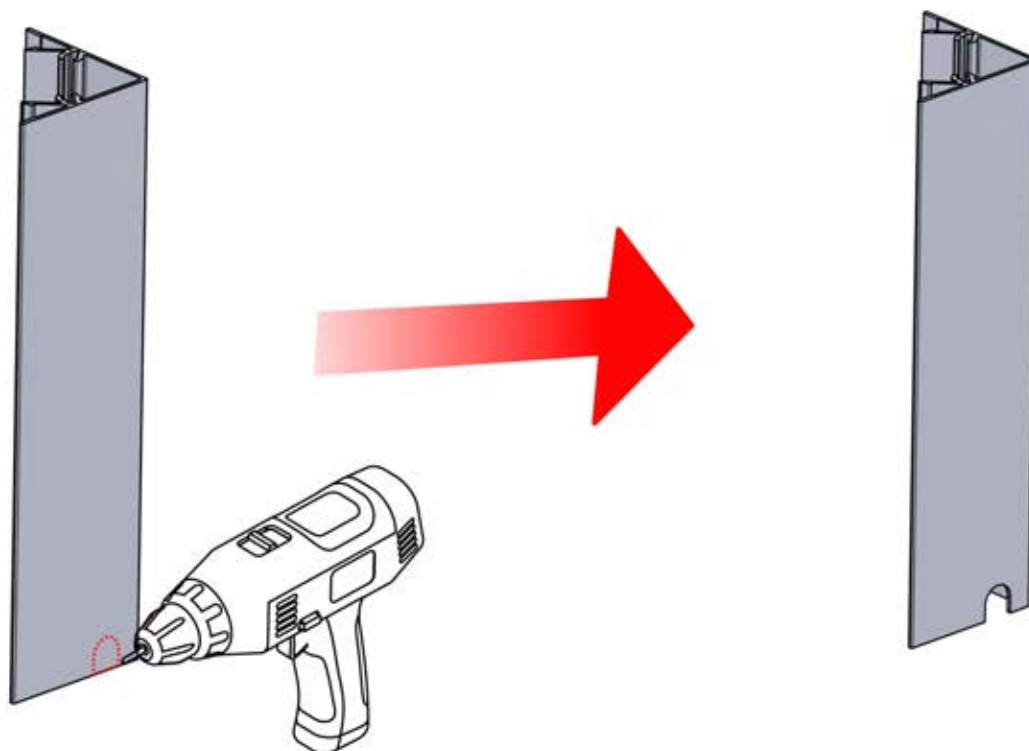
During a control box reset, the motor will fully extend and retract. Motor should be disconnected from motor arm to avoid injury or damage to the pergola

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 57.

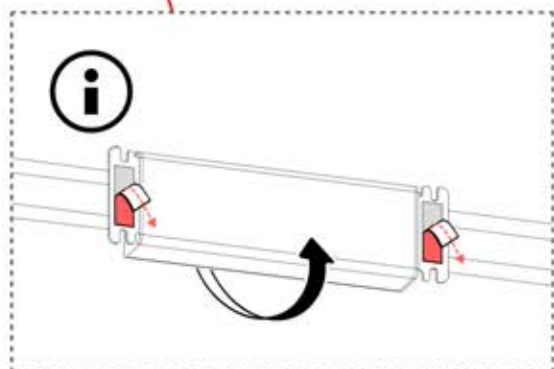
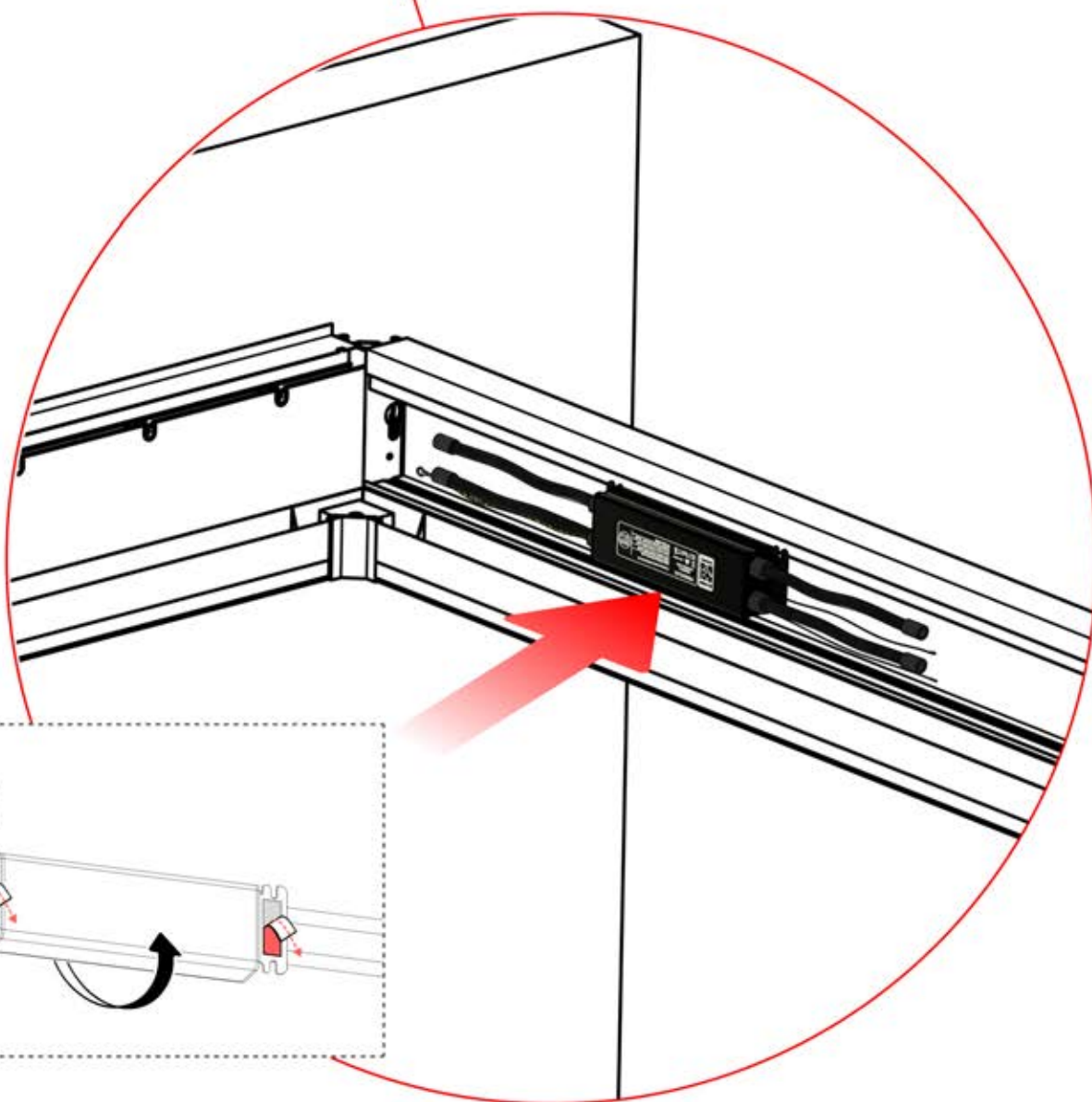
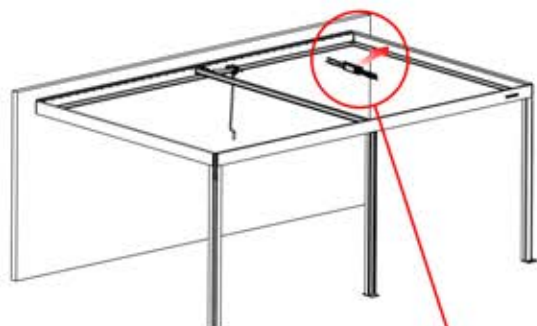
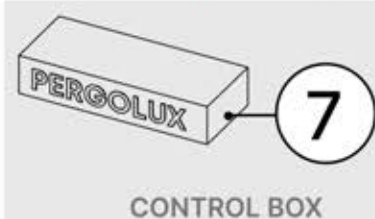
Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.





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

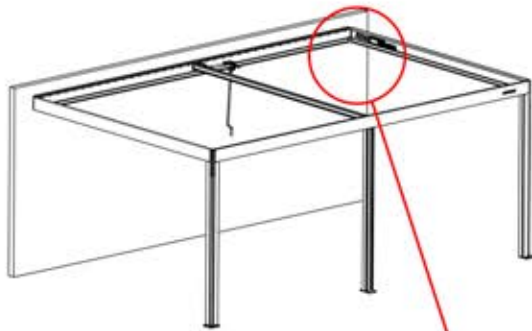
32





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

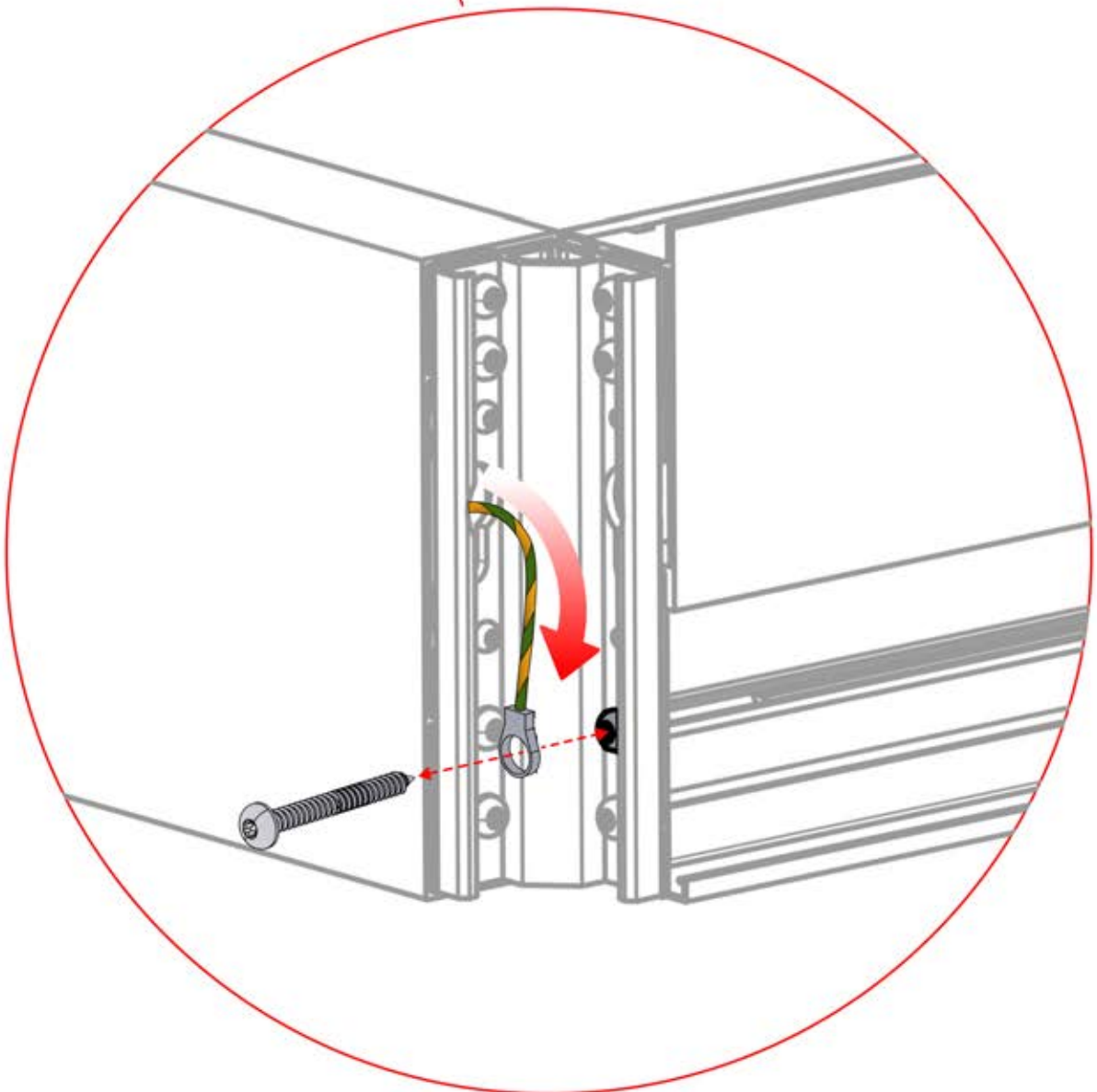
33



Connect grounding wire before connecting to power!

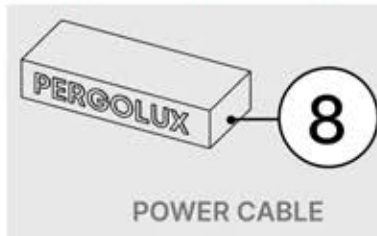


GROUNDING



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

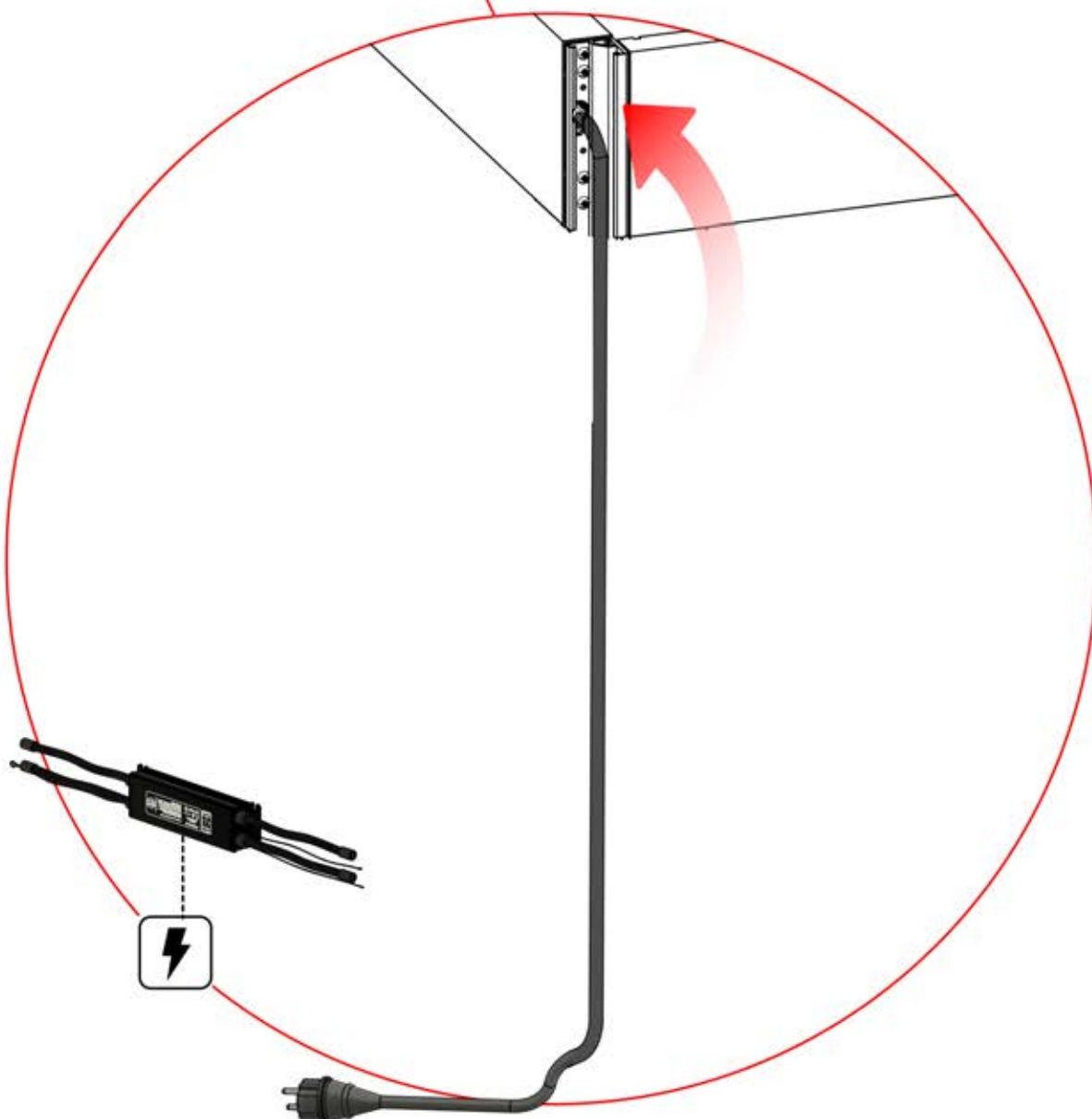
34



power cable
PN-200003781
1x

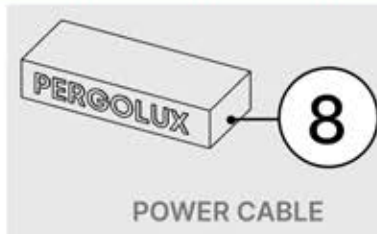


Power Cable can be
routed through all
the Poles.

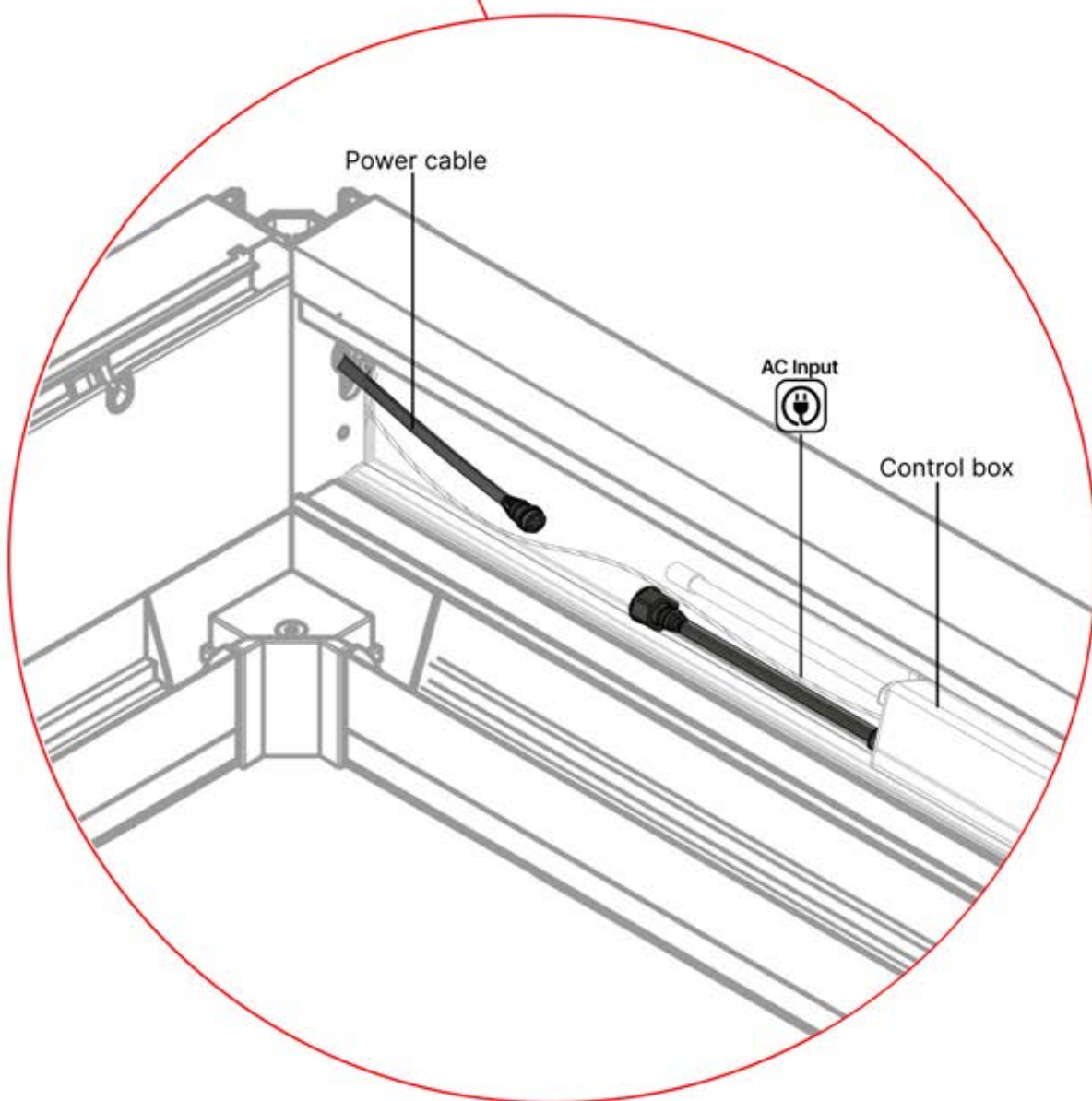


! ** Only if you ordered LED lights to your pergola.

35



power cable
PN-200003781
1x





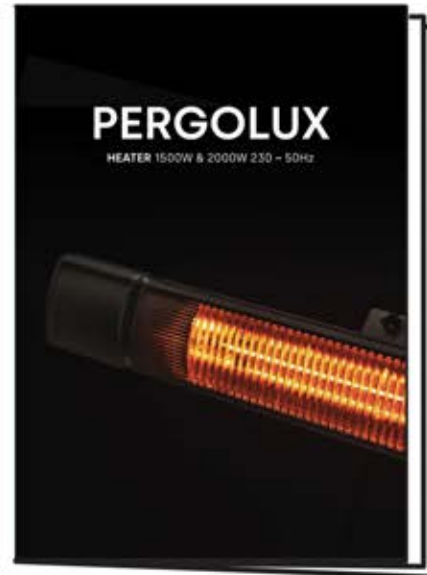
** Only if you ordered LED lights to your pergola.

36

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.

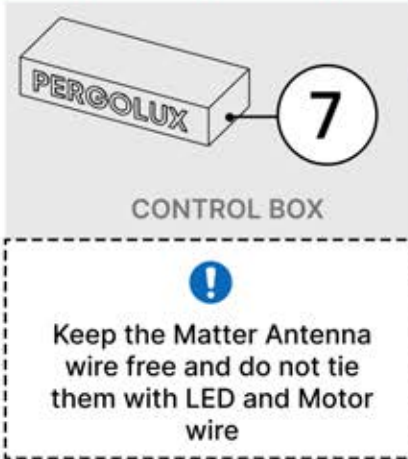
Follow the instruction in the assembly manual.





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

37



S4



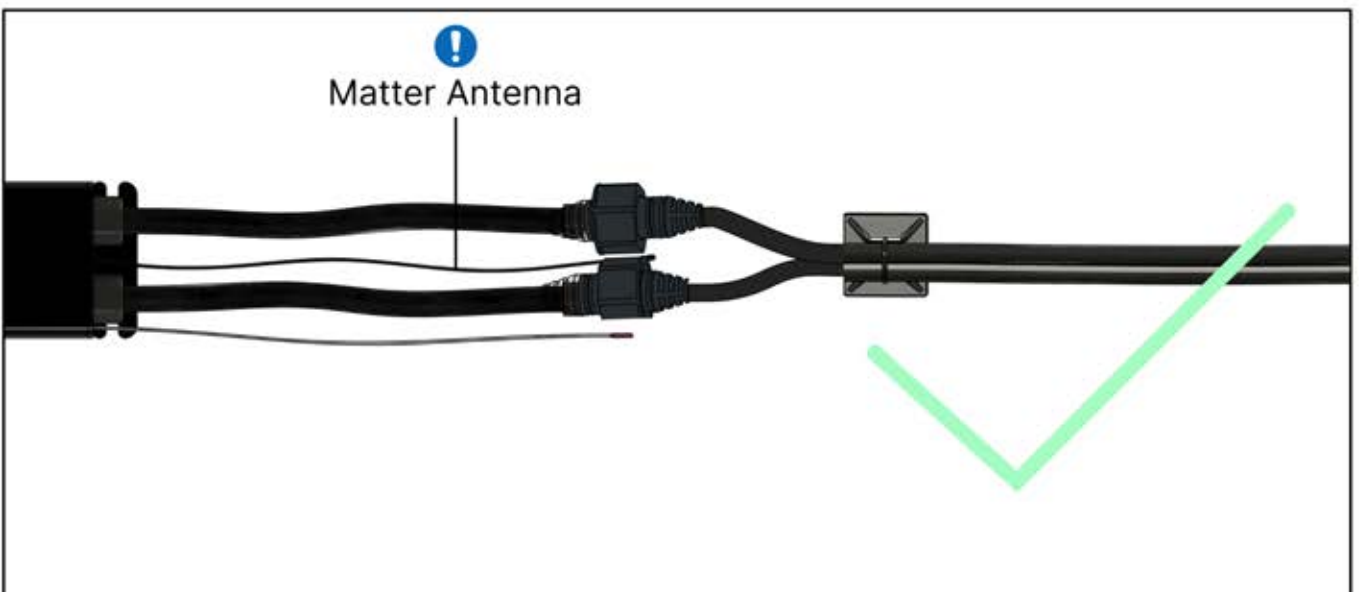
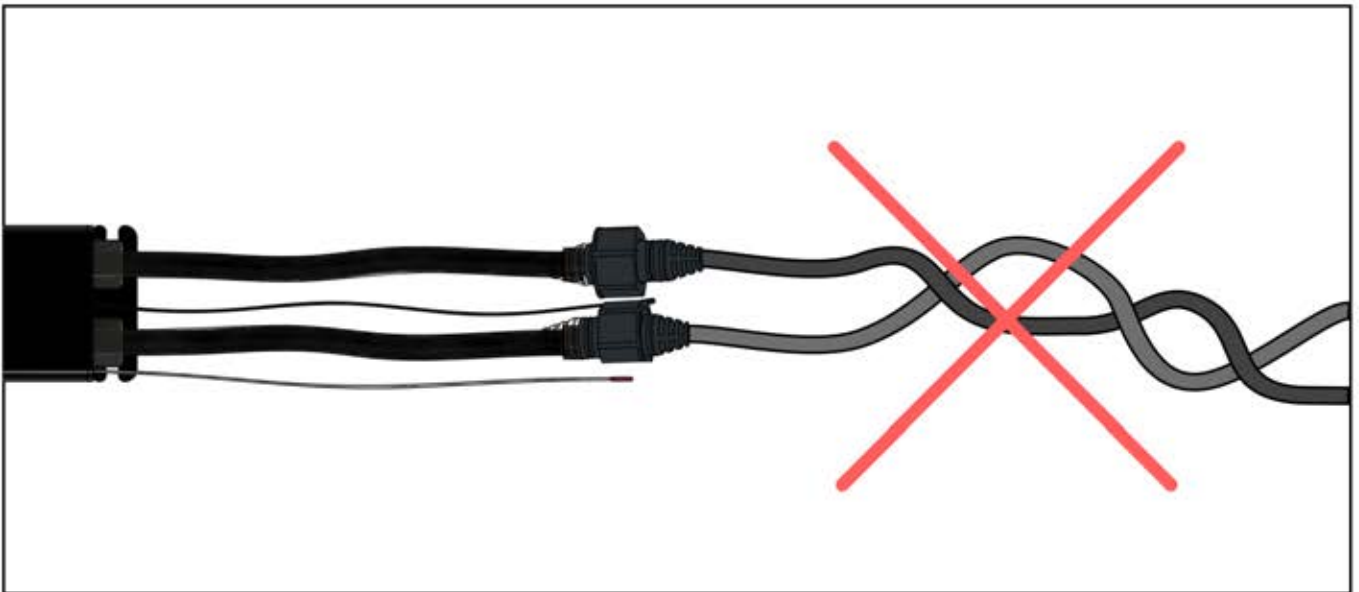
PN-200002683

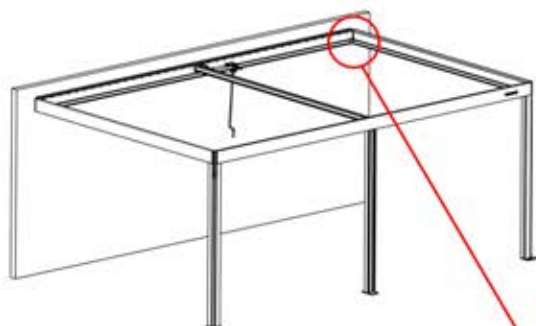
5x



PN-200002684

10x

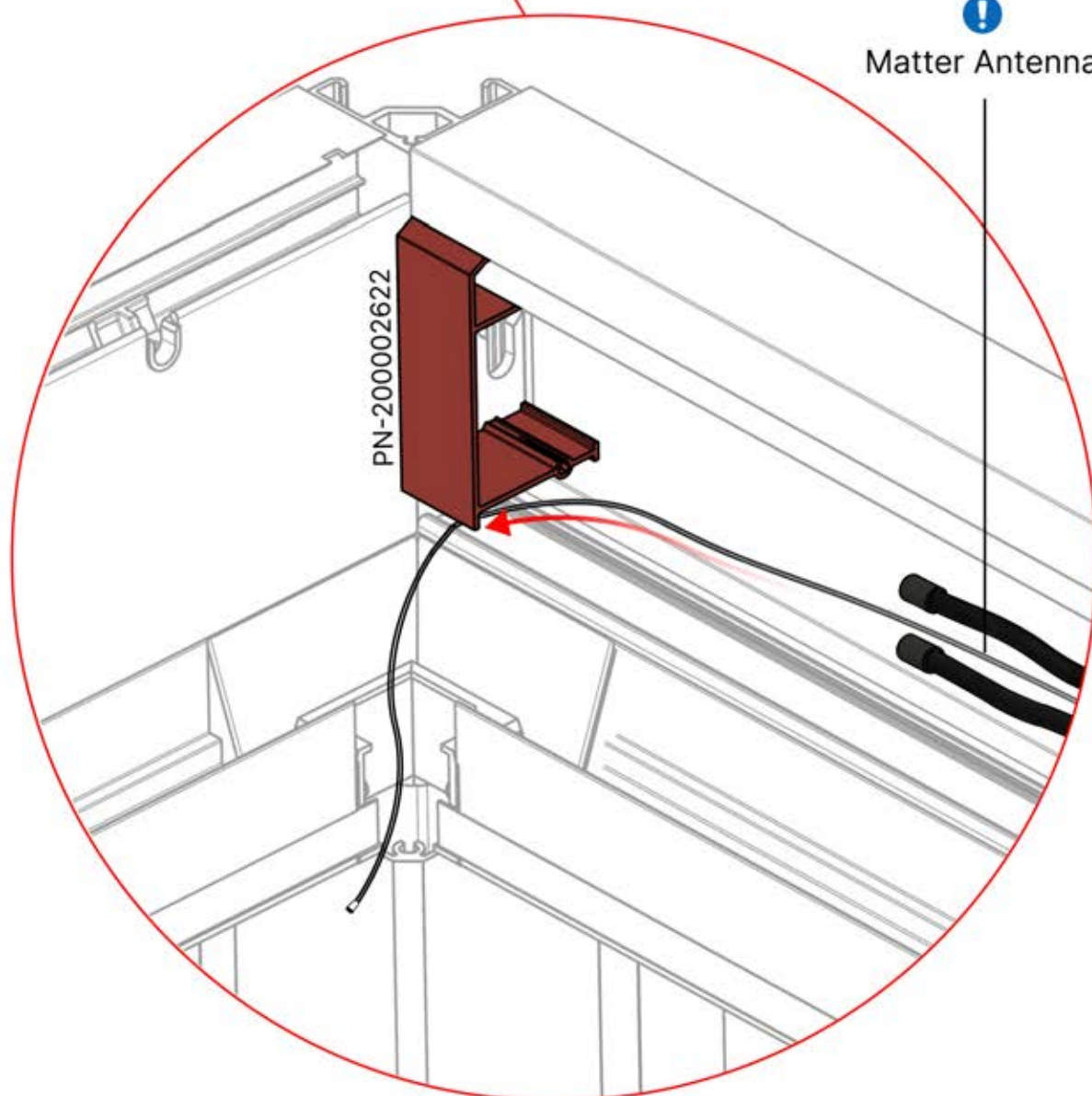




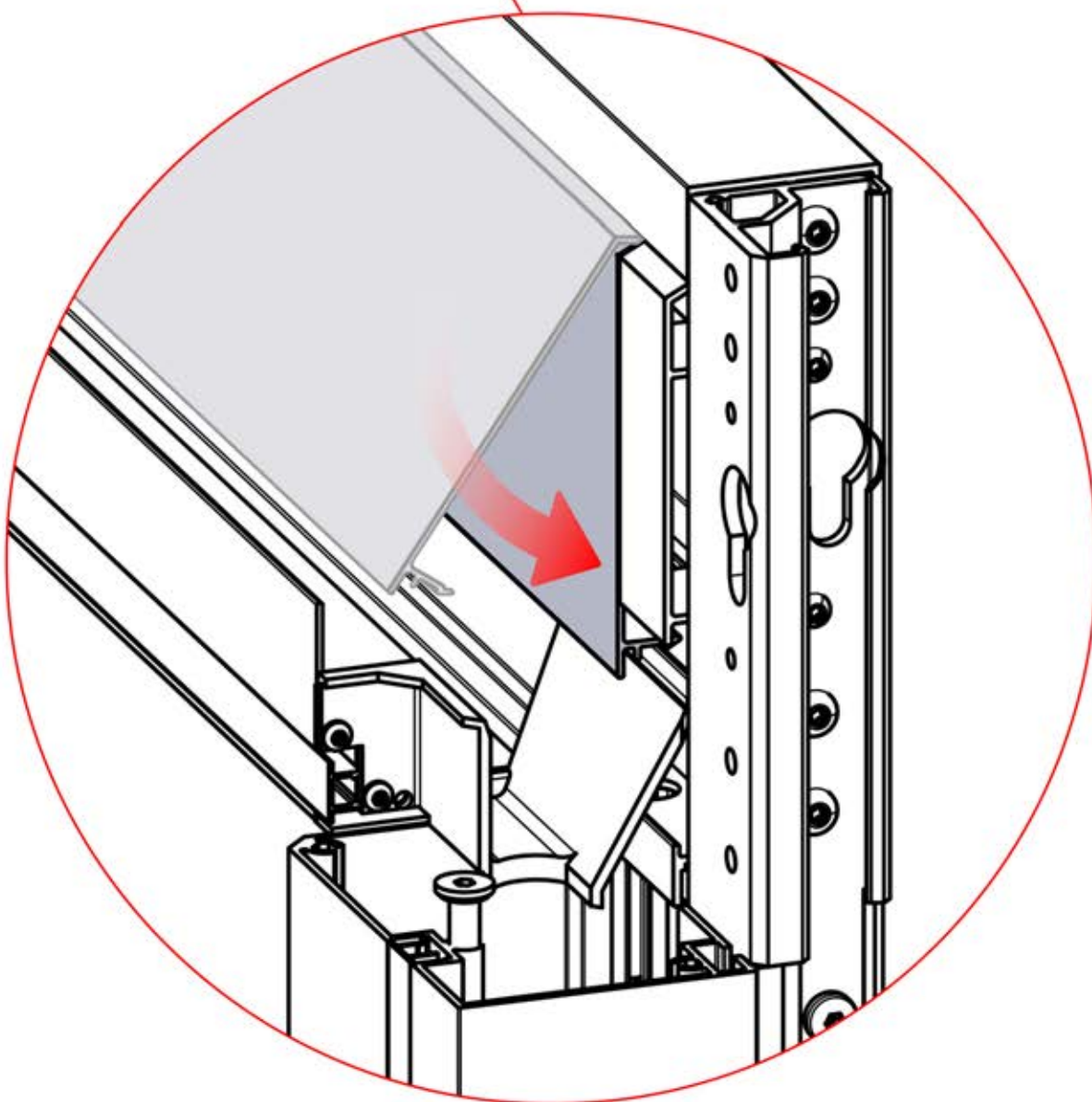
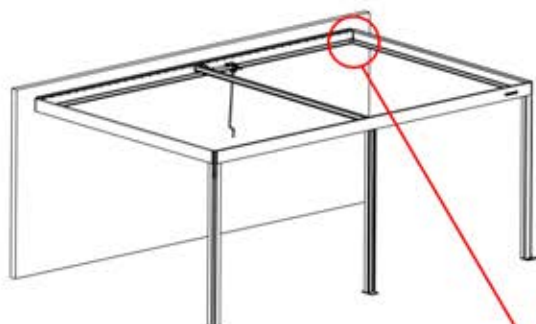
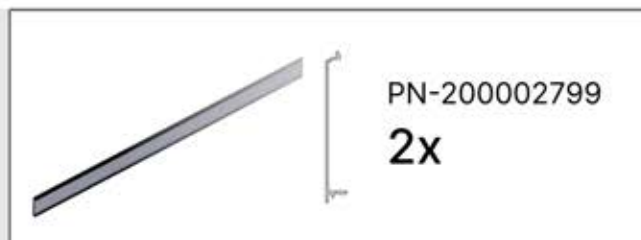
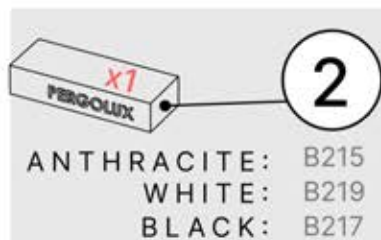
Route the Matter Antenna and place it below the highlighted part(PN-200002622).



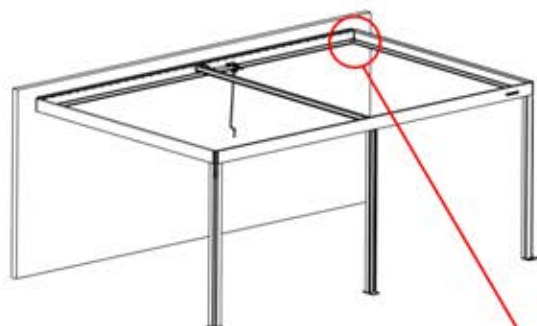
Matter Antenna



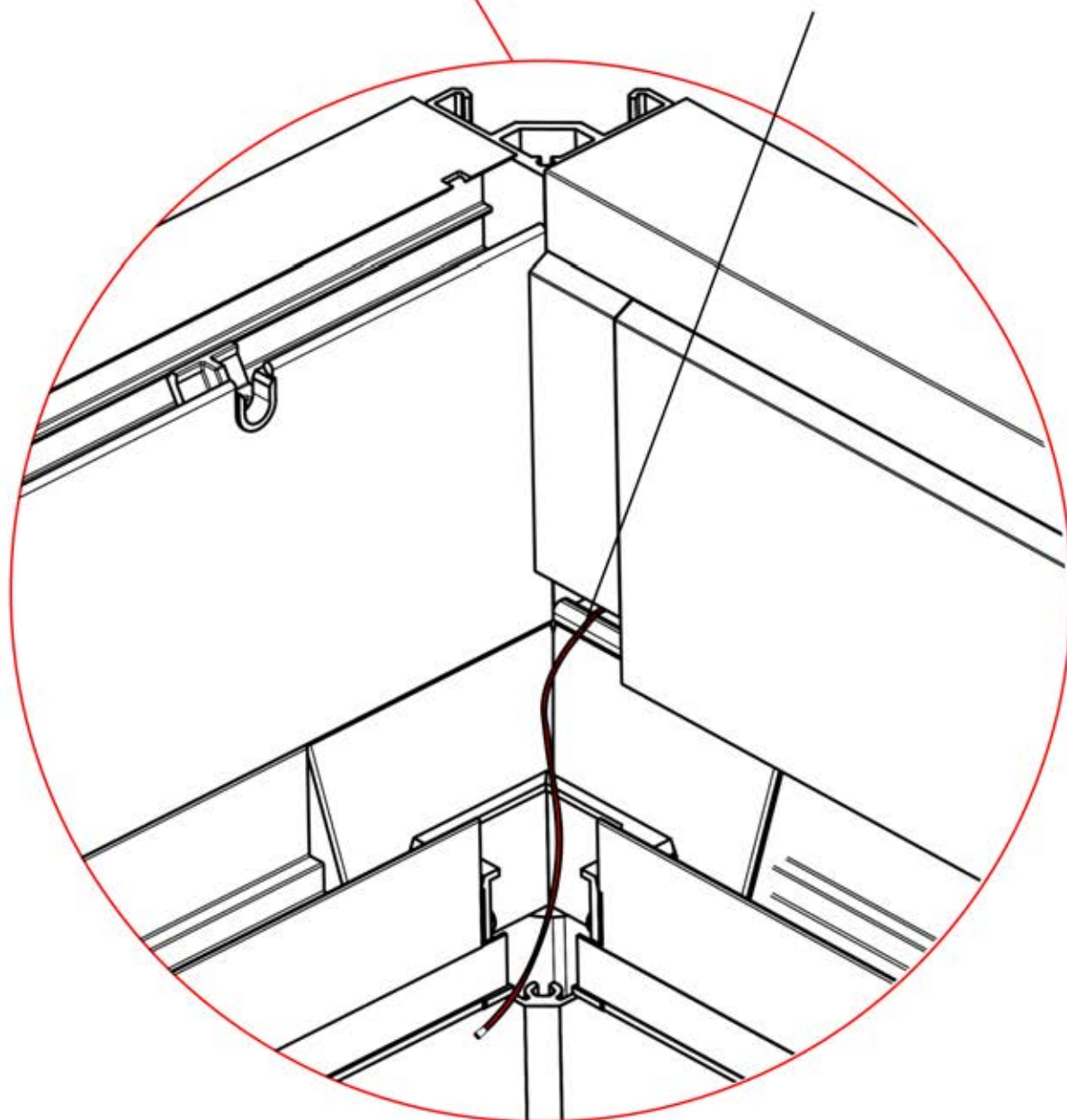
39



INFORMATION



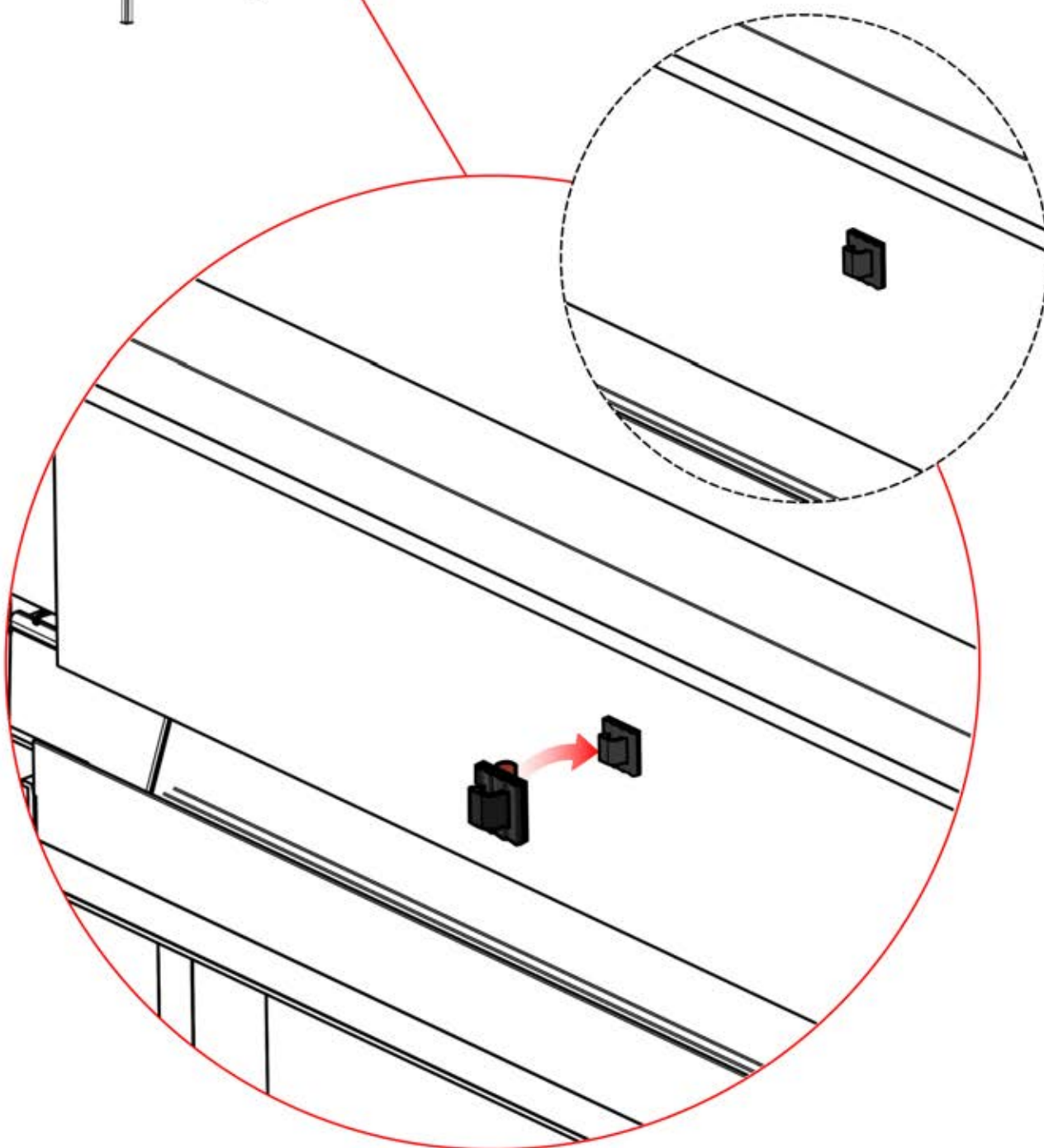
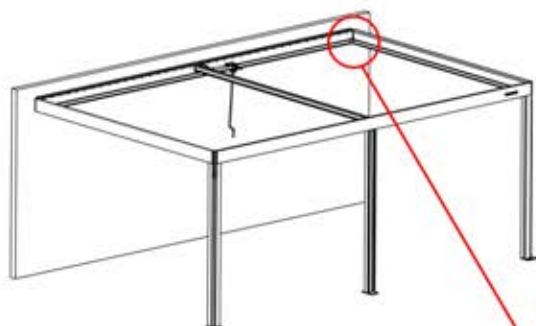
Matter Antenna



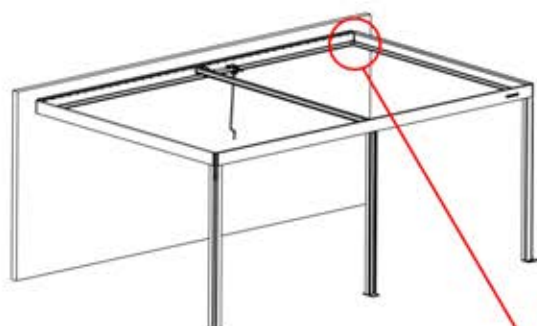
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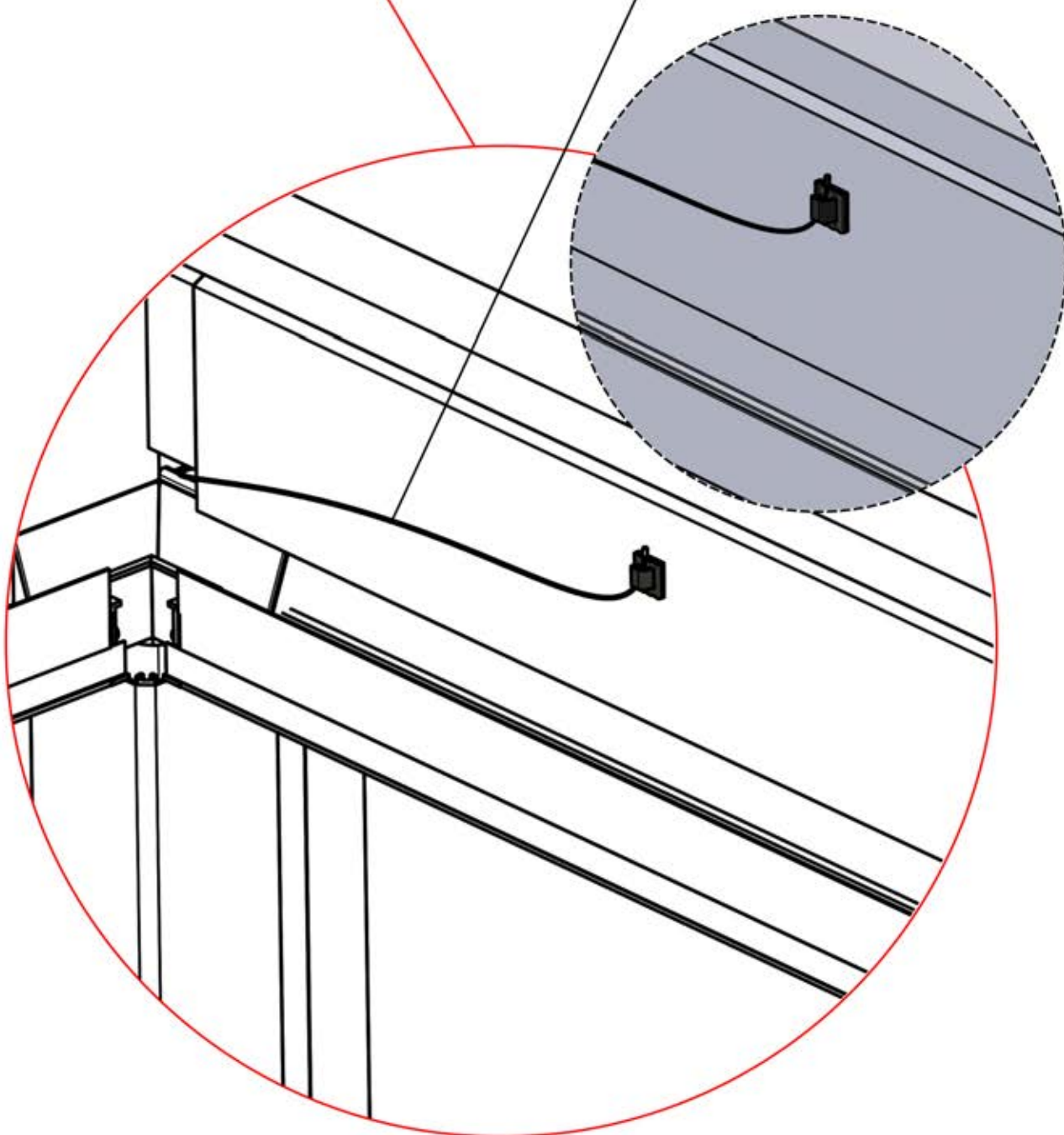
Matter Antenna Clip
1x



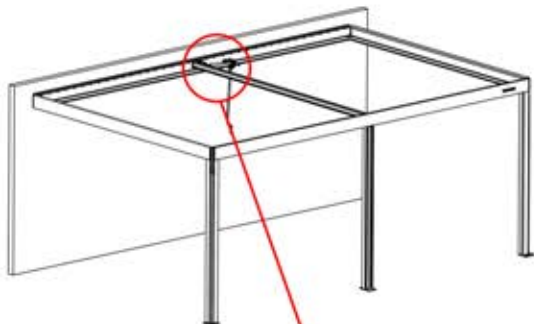
41



Matter Antenna



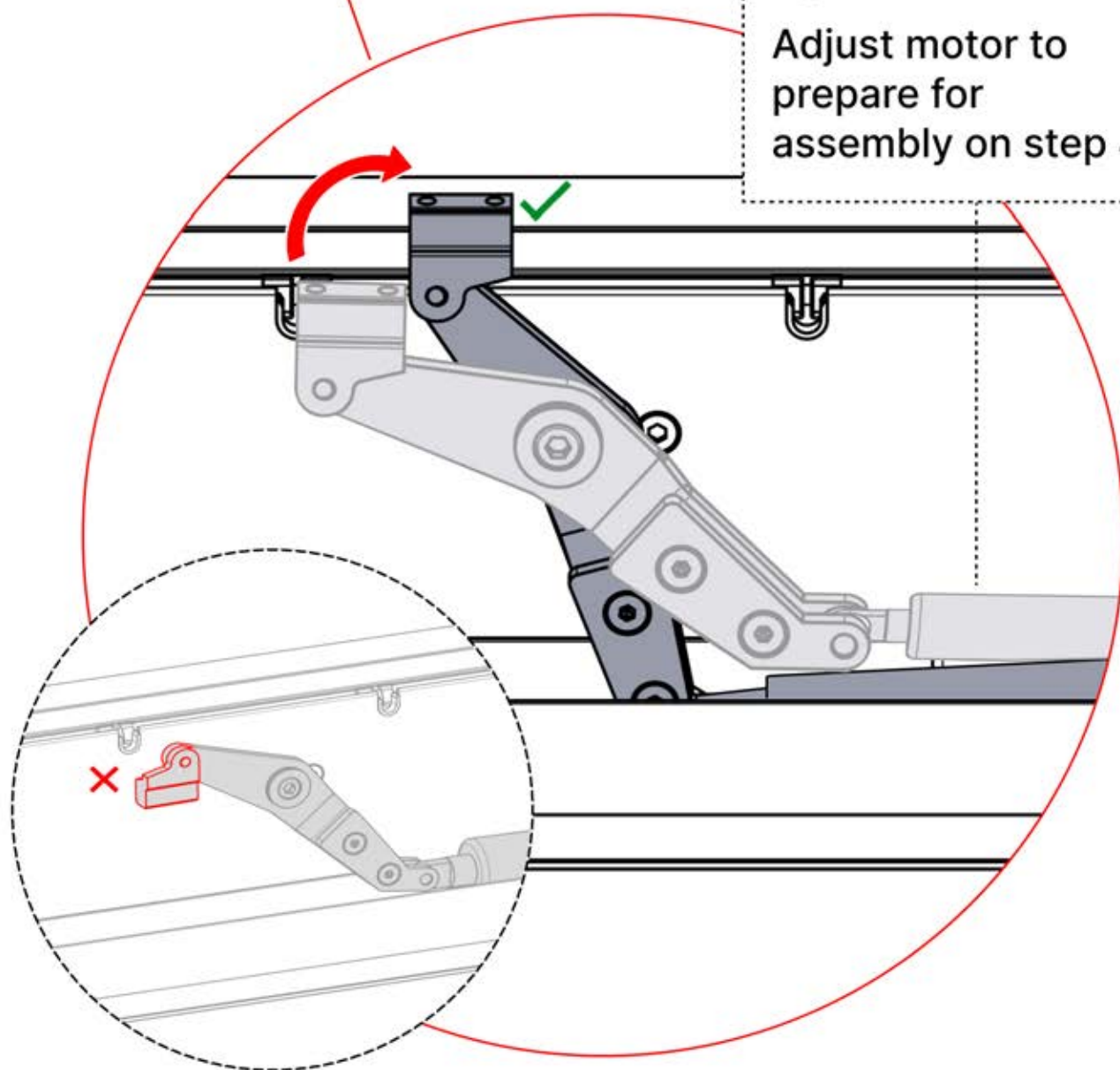
42



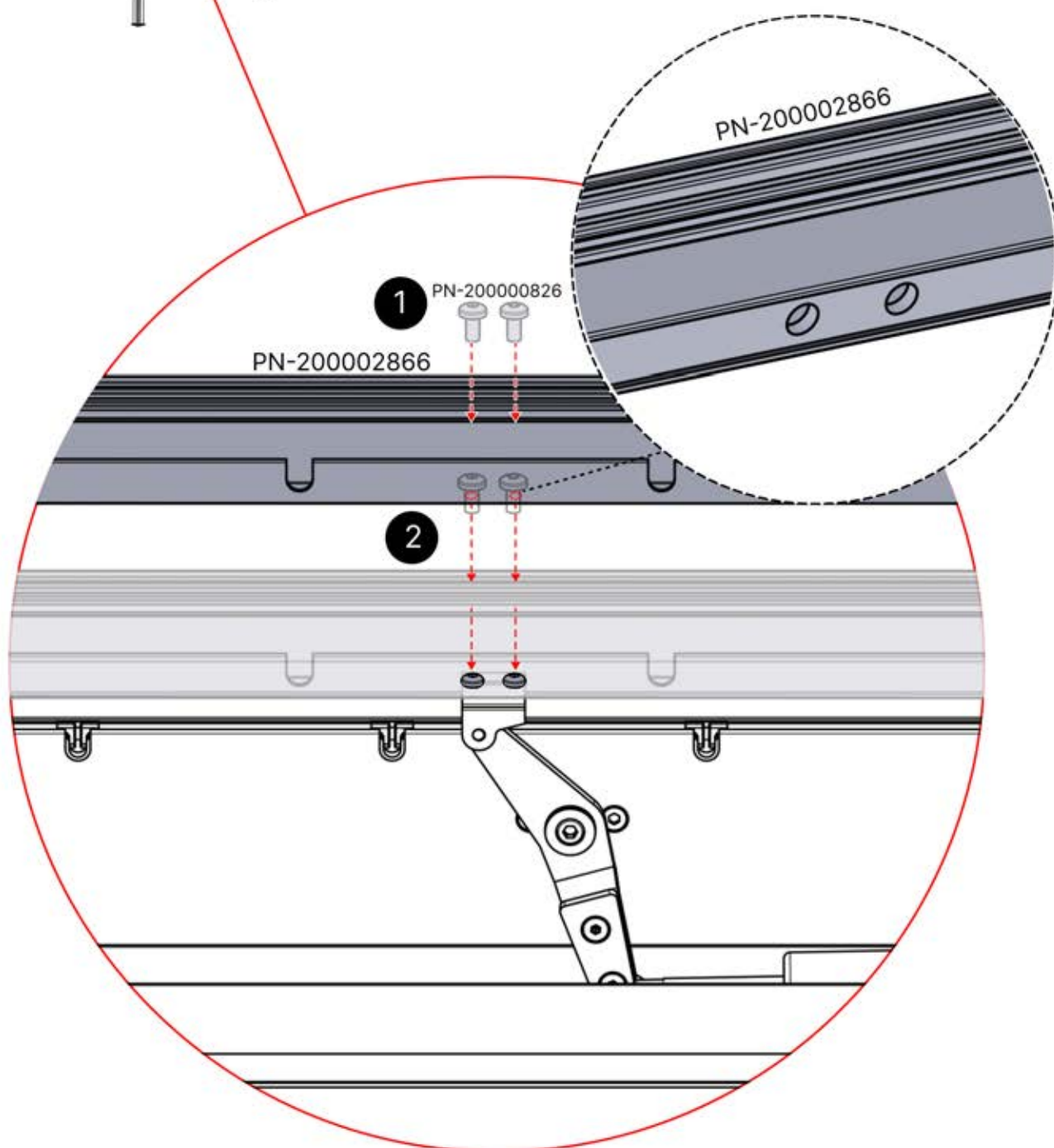
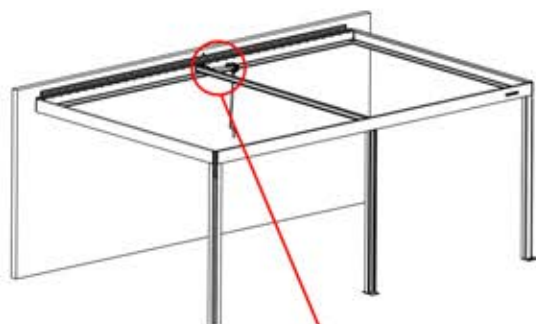
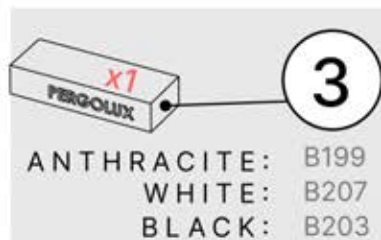
Hand Crank



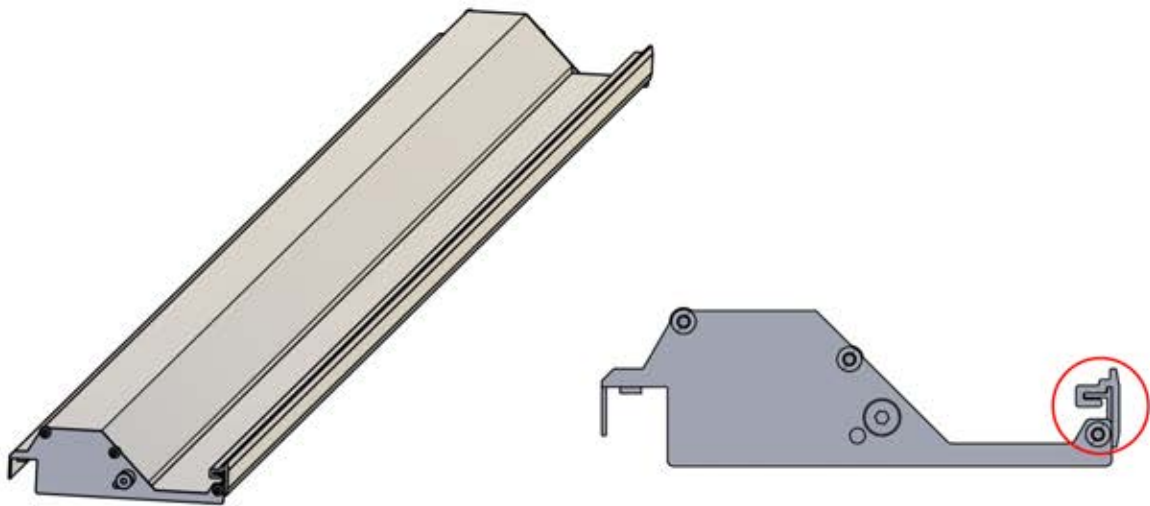
Adjust motor to
prepare for
assembly on step 43



43



PERGOLA LOUVERS



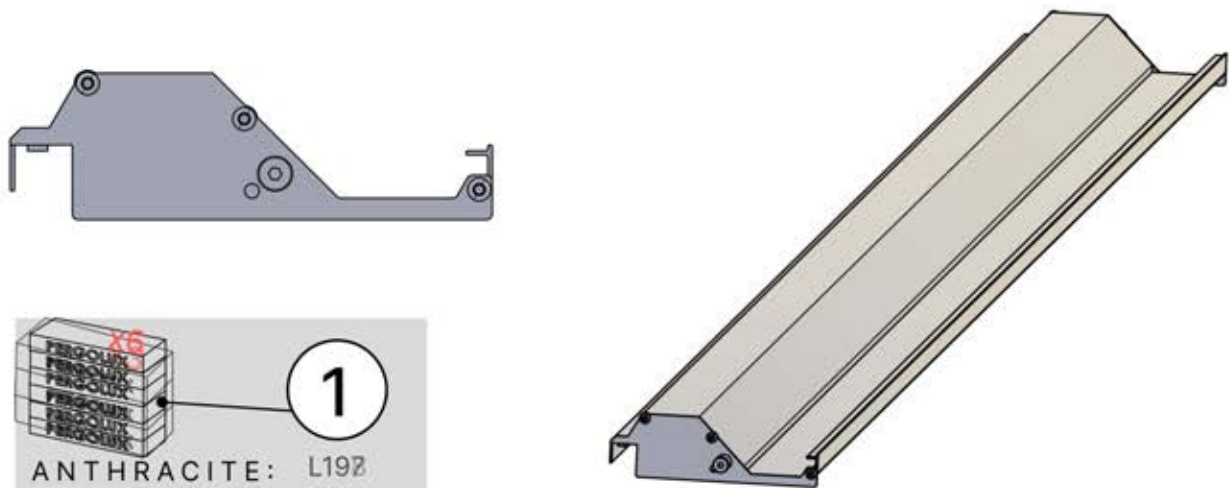


6

ANTHRACITE: B226
WHITE: B230
BLACK: B228

PERGOLA 3M WM END LOUVER
PN-200002801

1x





1

ANTHRACITE: L197
WHITE: L201
BLACK: L199



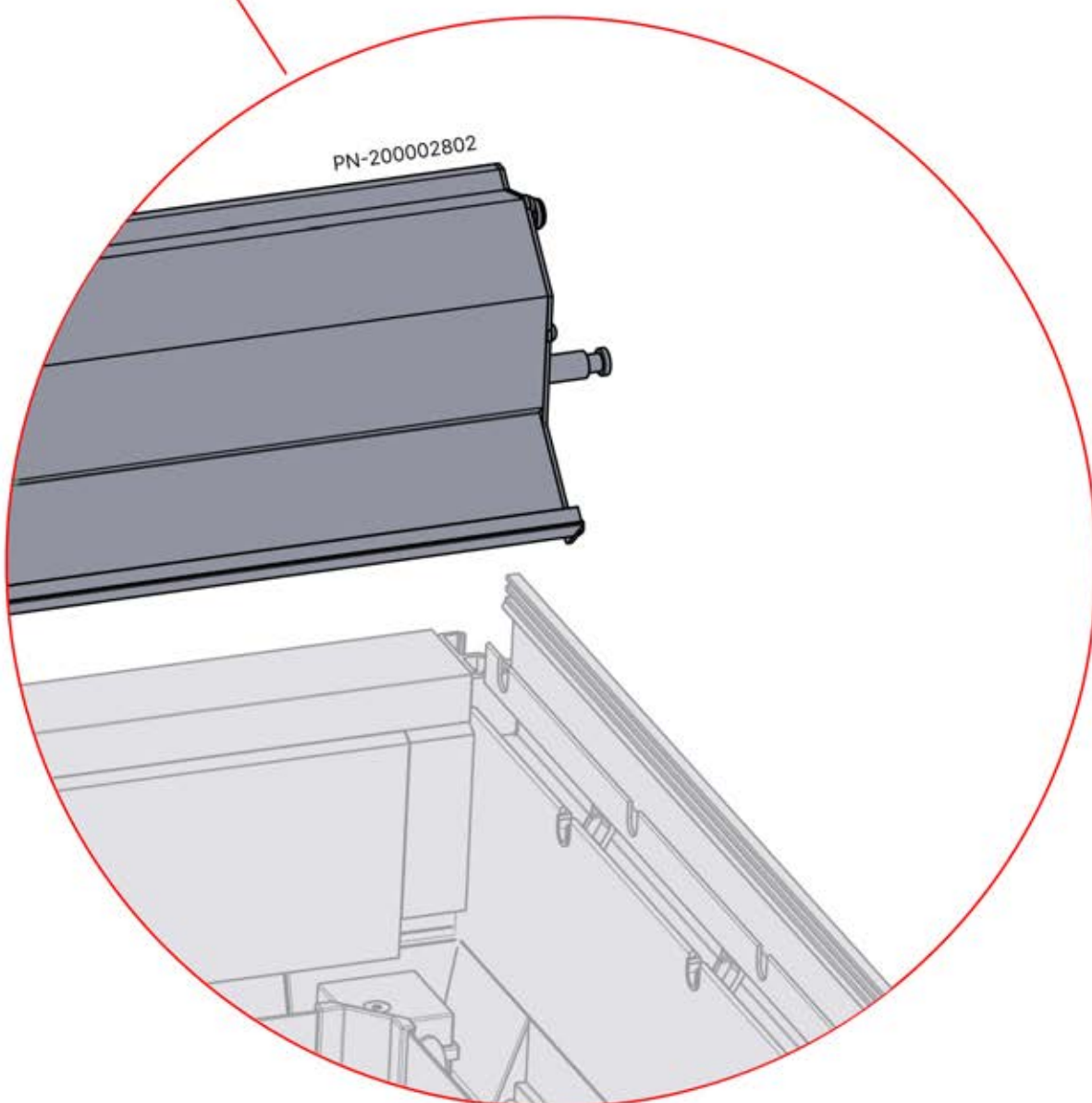
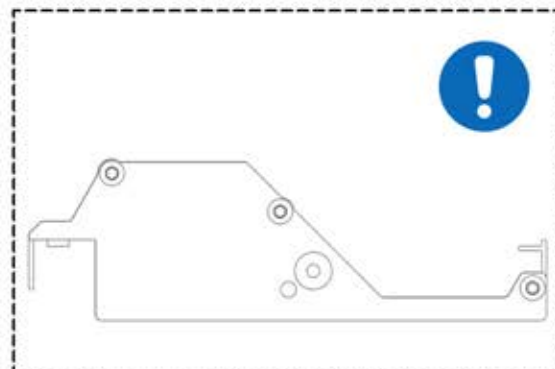
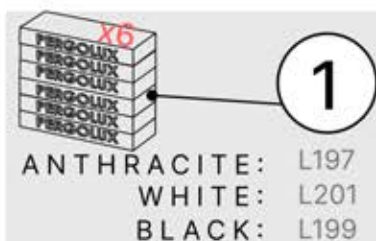
6

ANTHRACITE: B226
WHITE: B230
BLACK: B228

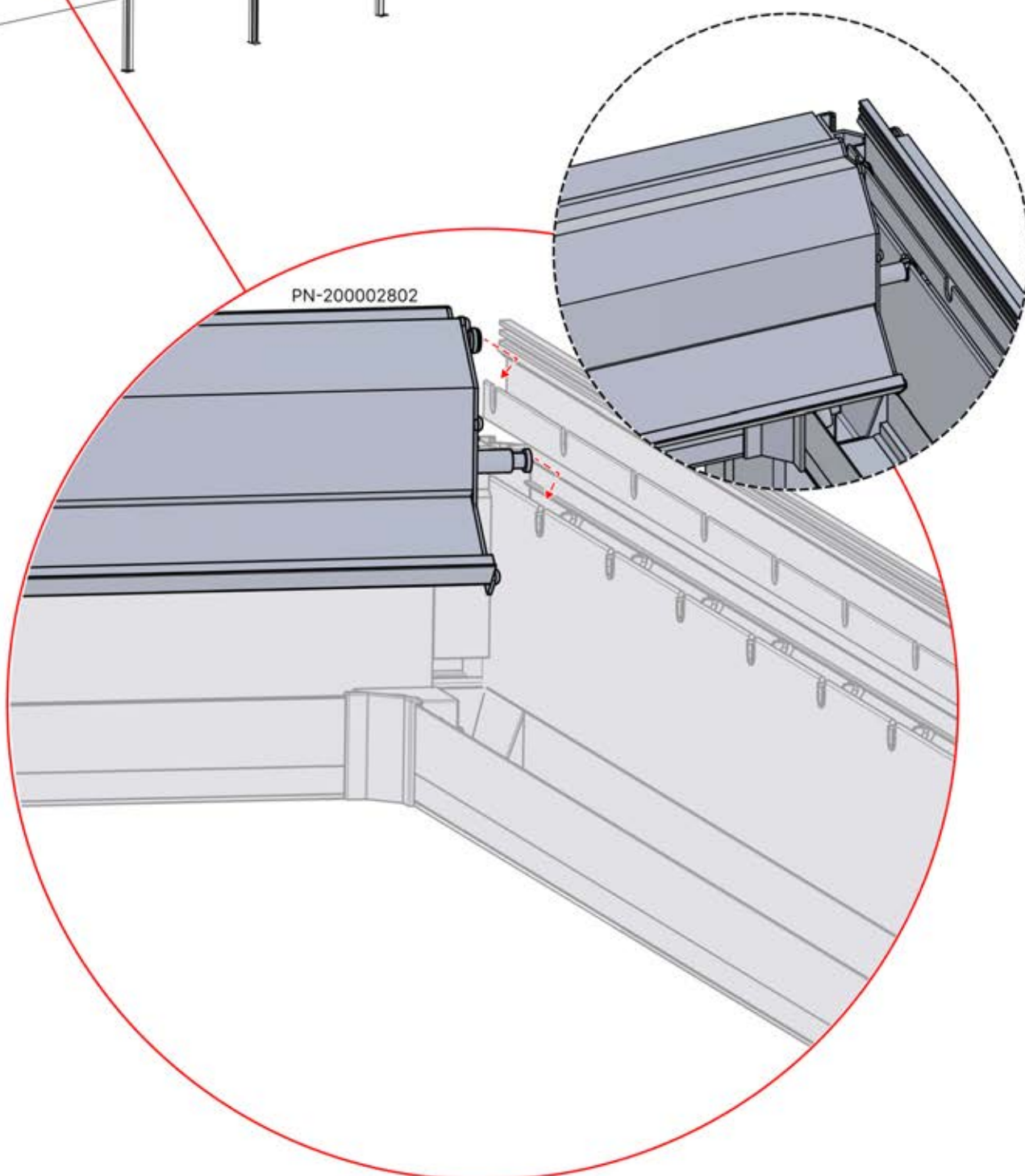
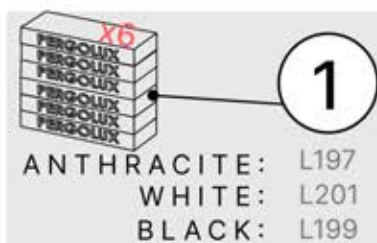
PERGOLA 3M WM LOUVER
PN-200002802

37x

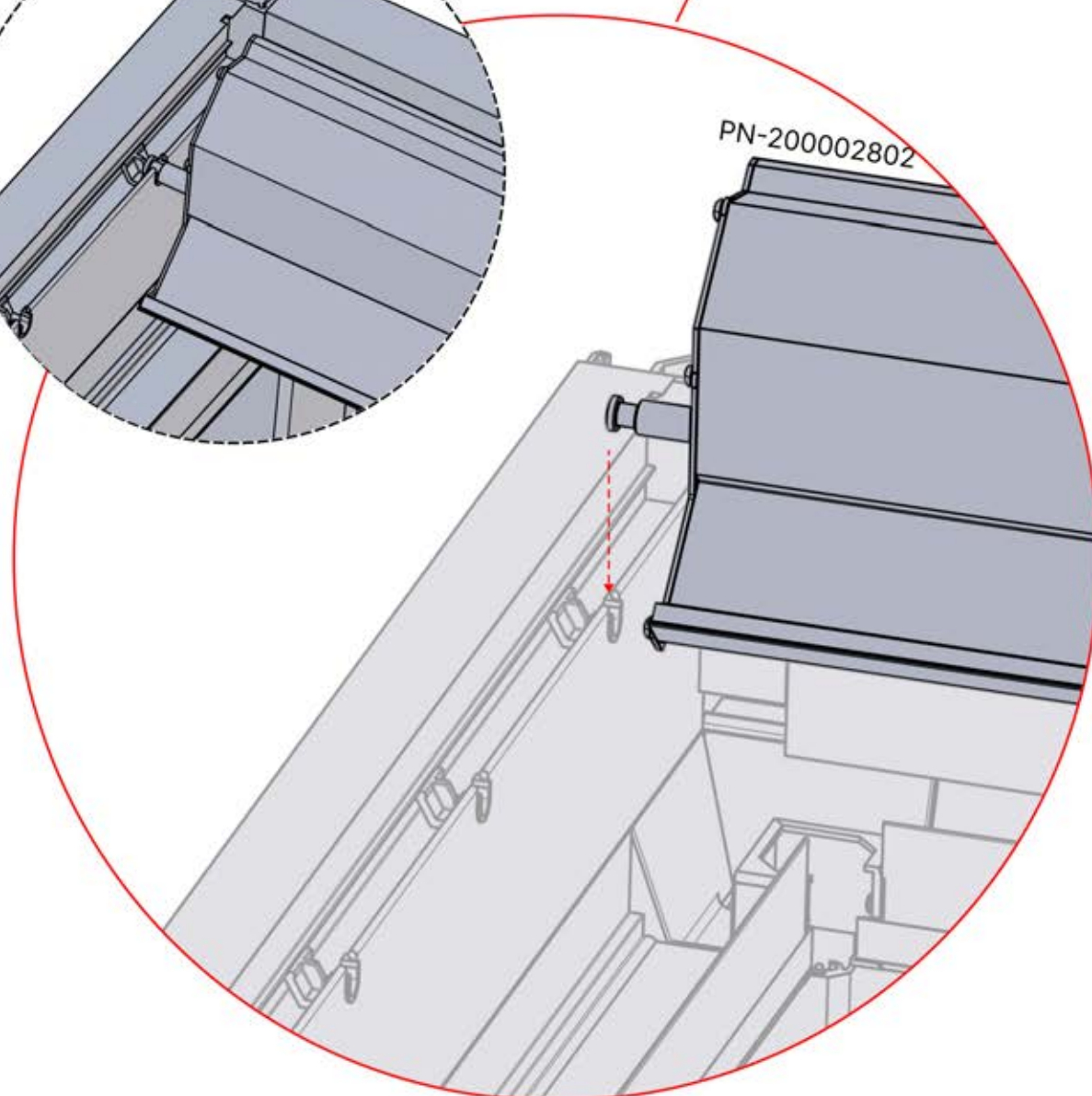
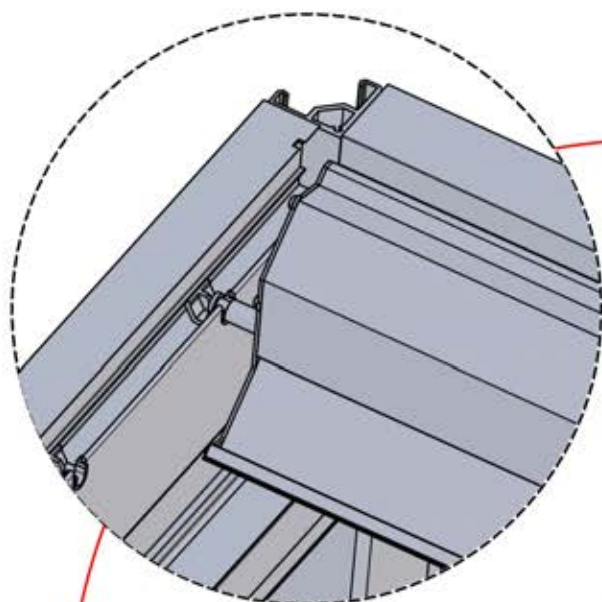
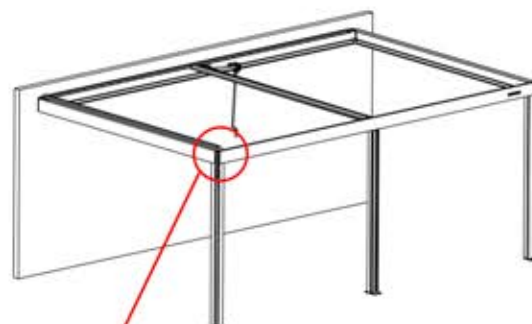
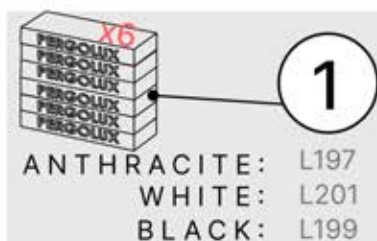
44



45



46



47

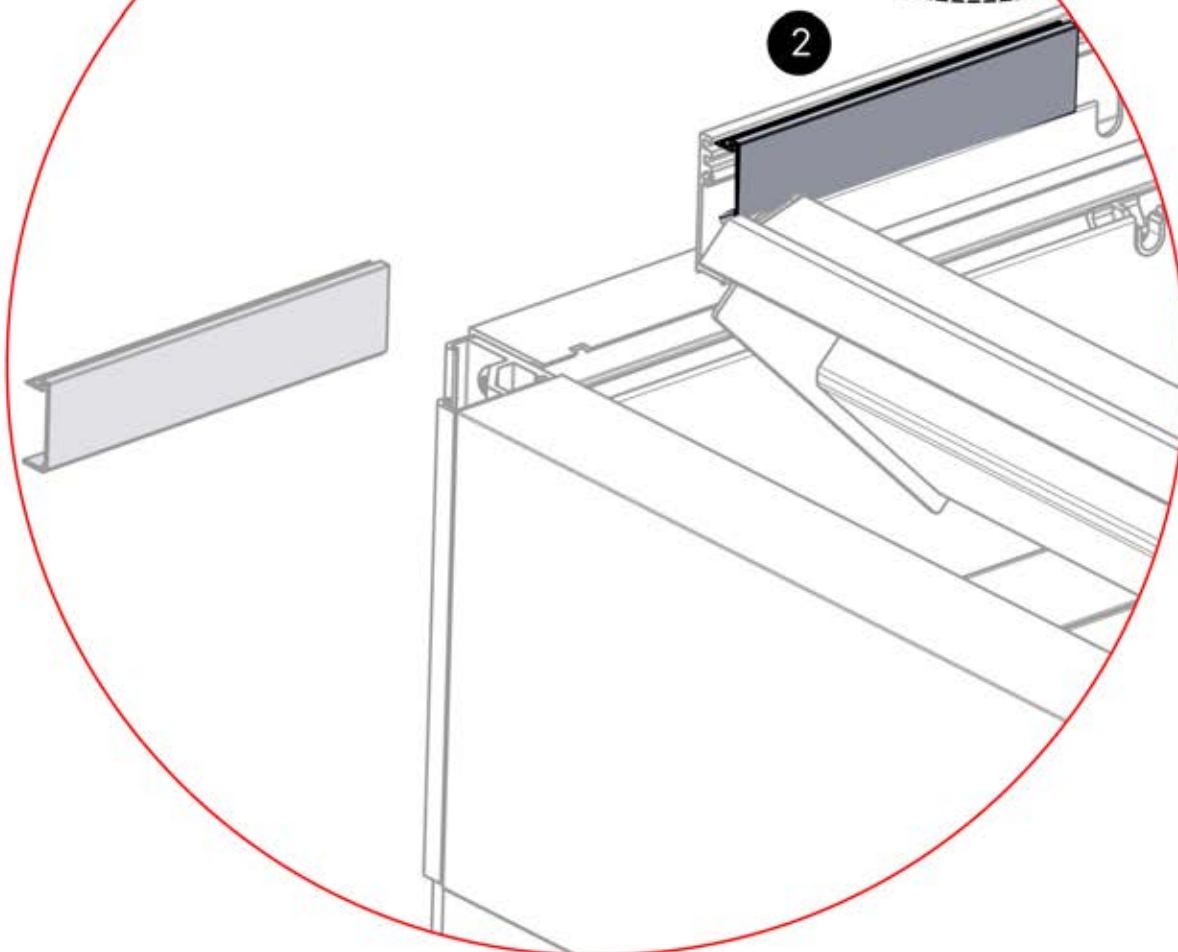
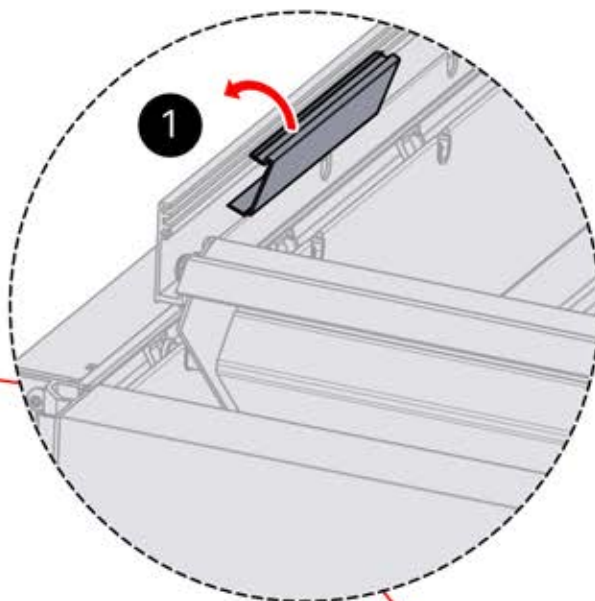
3

x1
PERGOLUX

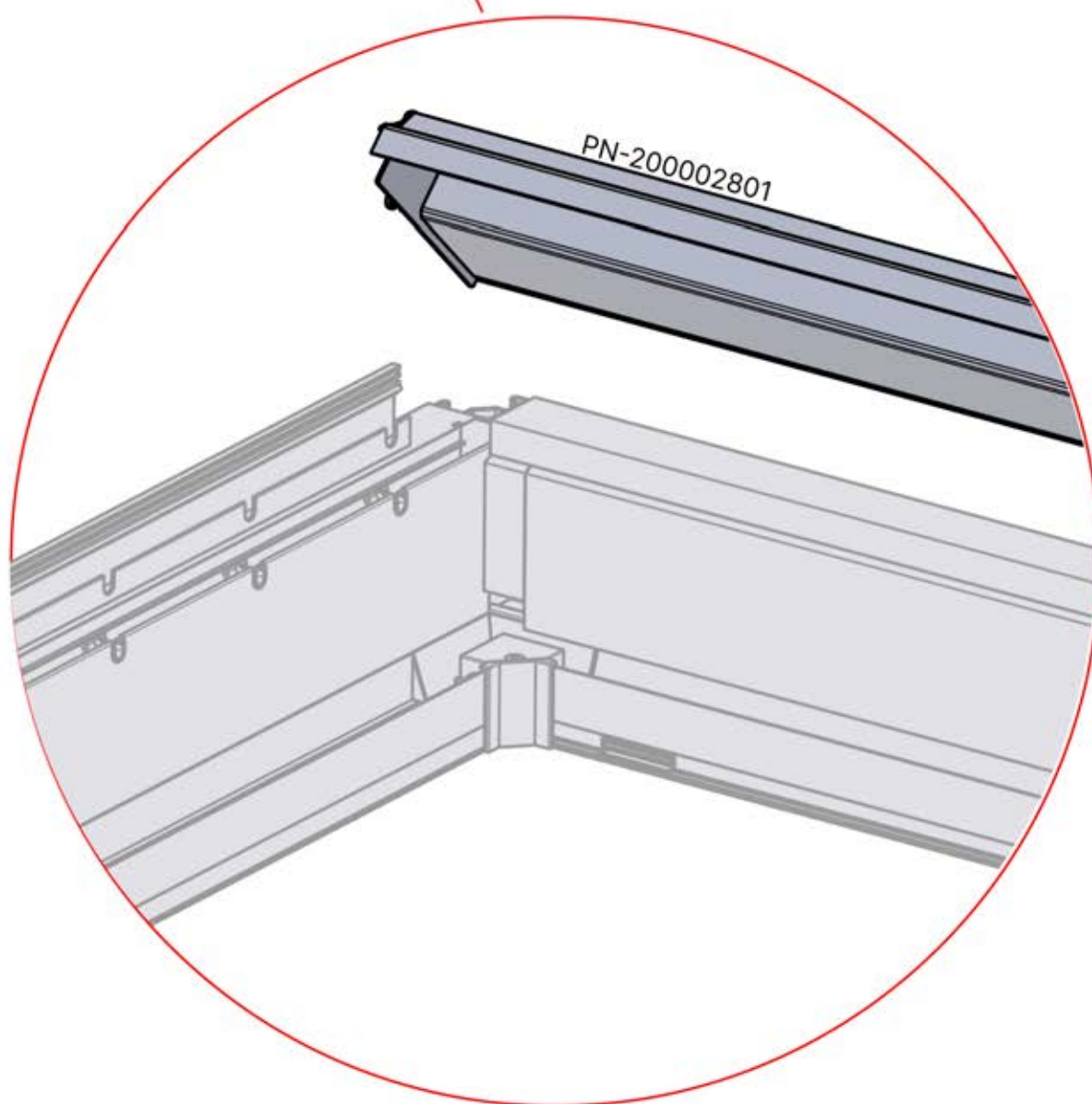
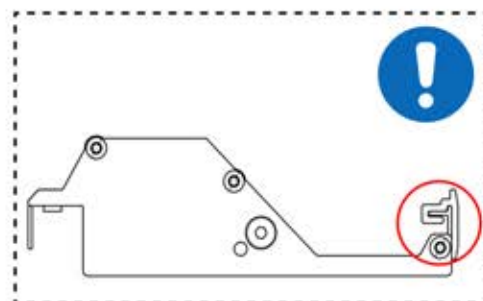
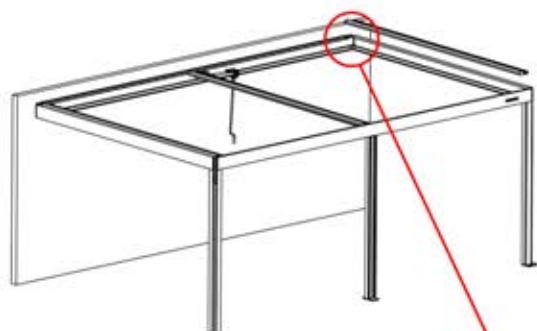
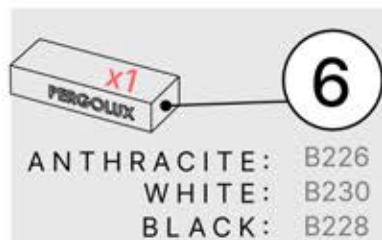
ANTHRACITE:	B199
WHITE:	B207
BLACK:	B203

PN-200003033

1x PN-20000 **3278** 



48



49



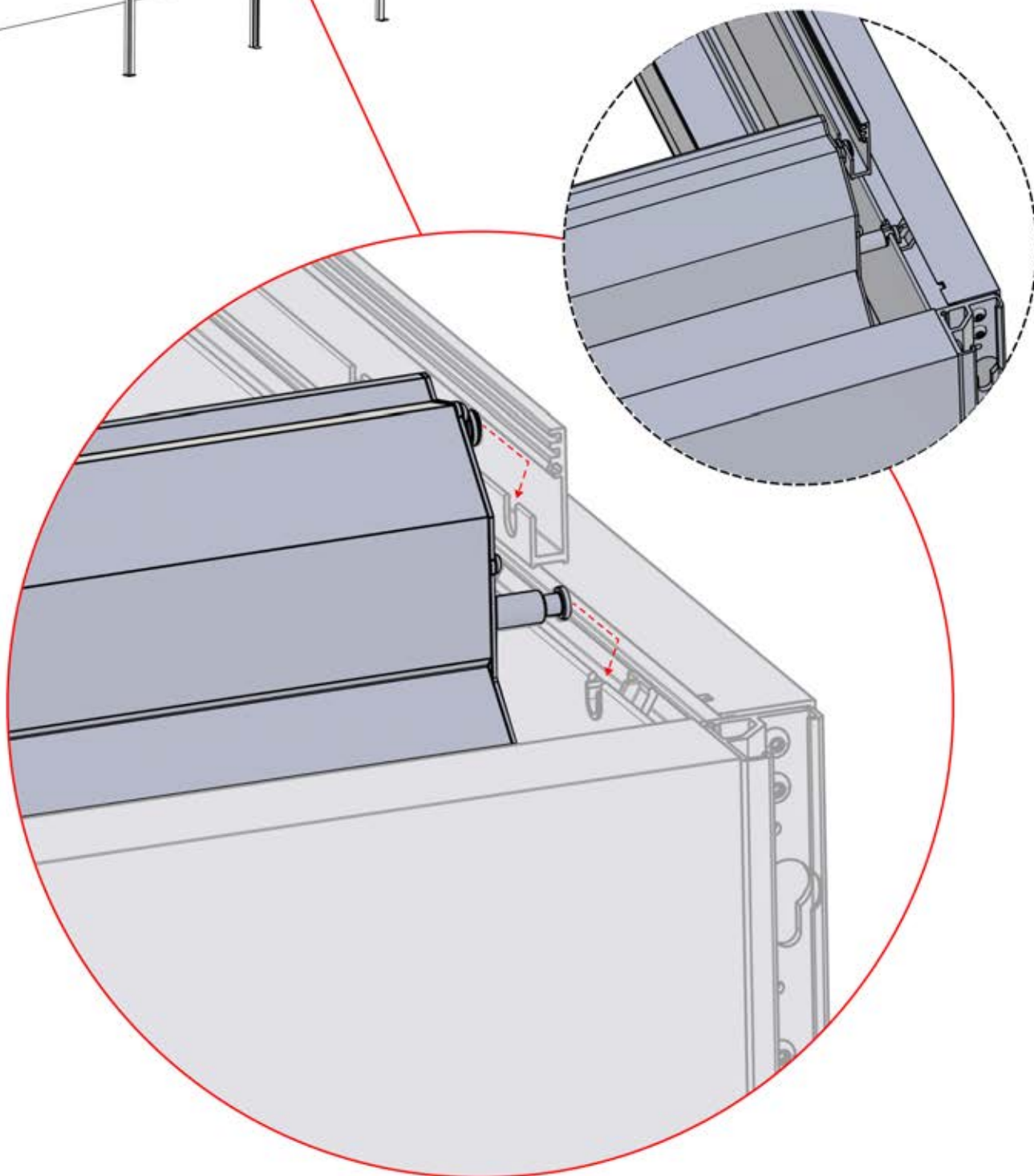
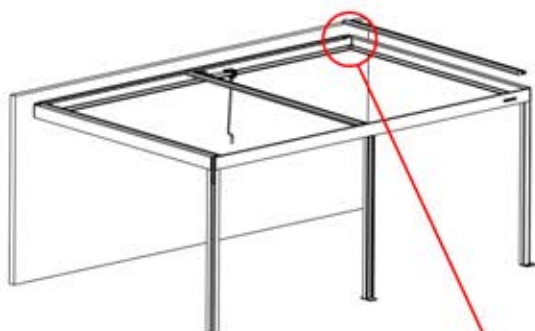
6

ANTHRACITE: B226
WHITE: B230
BLACK: B228



PN-200002801

1x

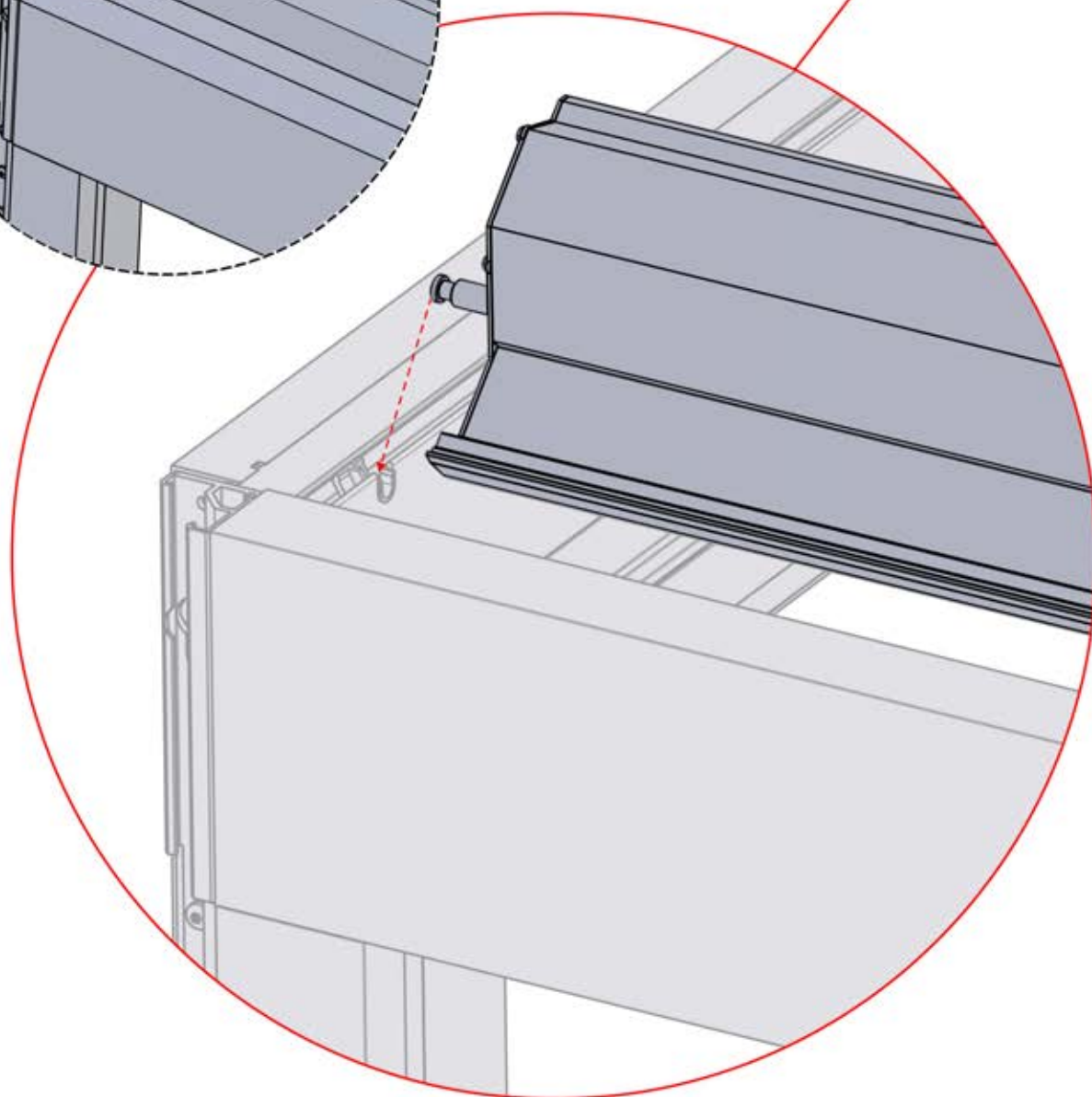
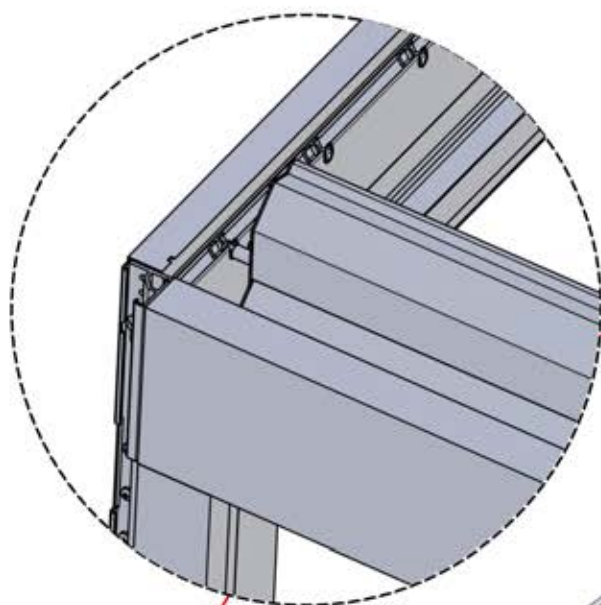


50



6

ANTHRACITE: B226
WHITE: B230
BLACK: B228



51



3

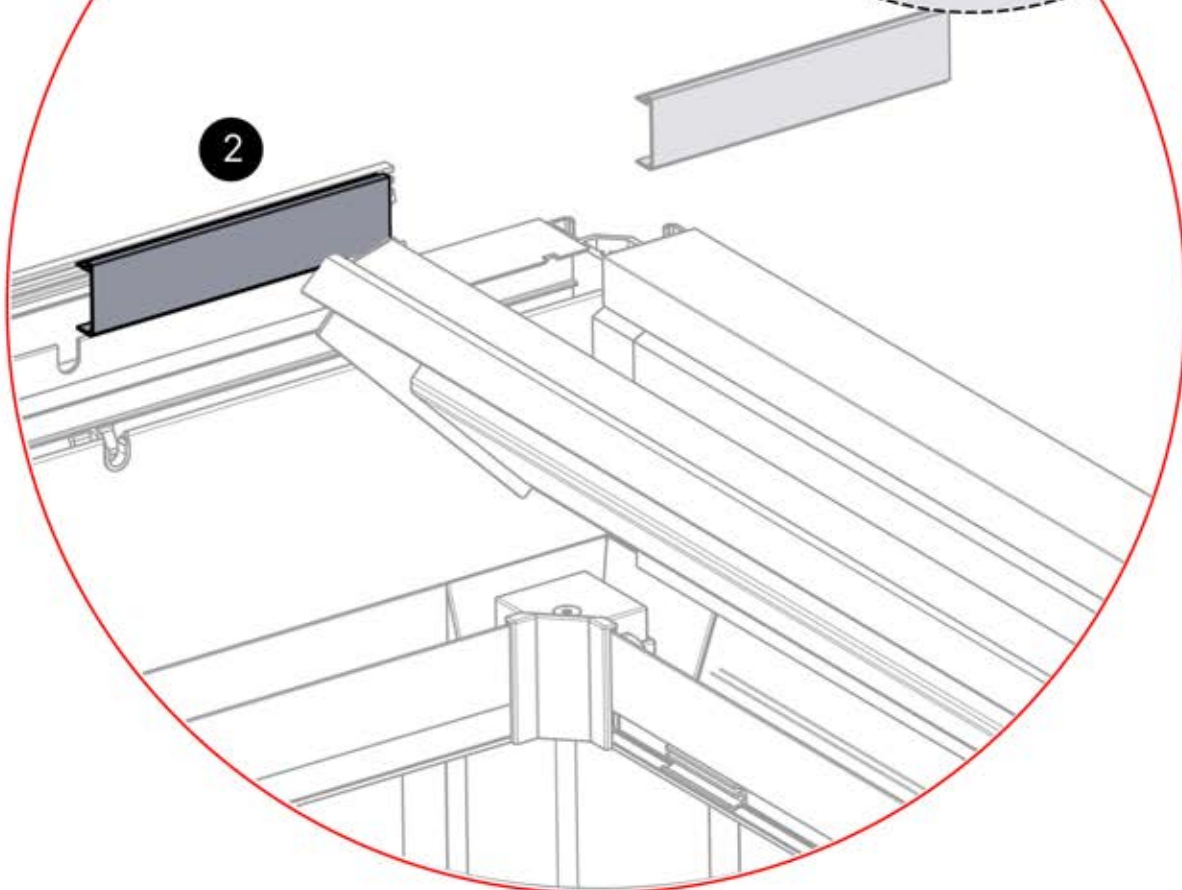
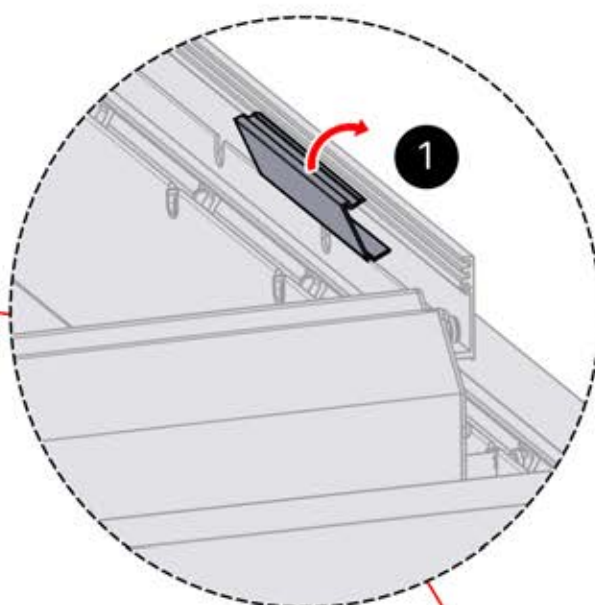
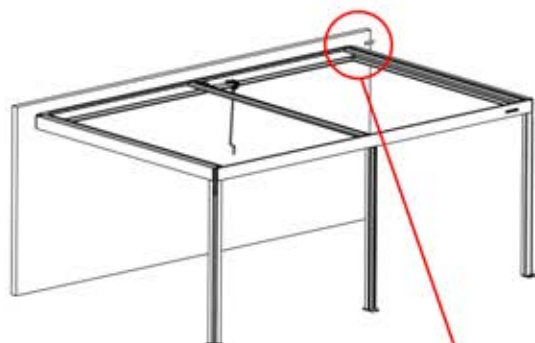
ANTHRACITE: B199
WHITE: B207
BLACK: B203



PN-200003033

1x

PN-20000
3278



52


1

ANTHRACITE: L197
 WHITE: L201
 BLACK: L199


6

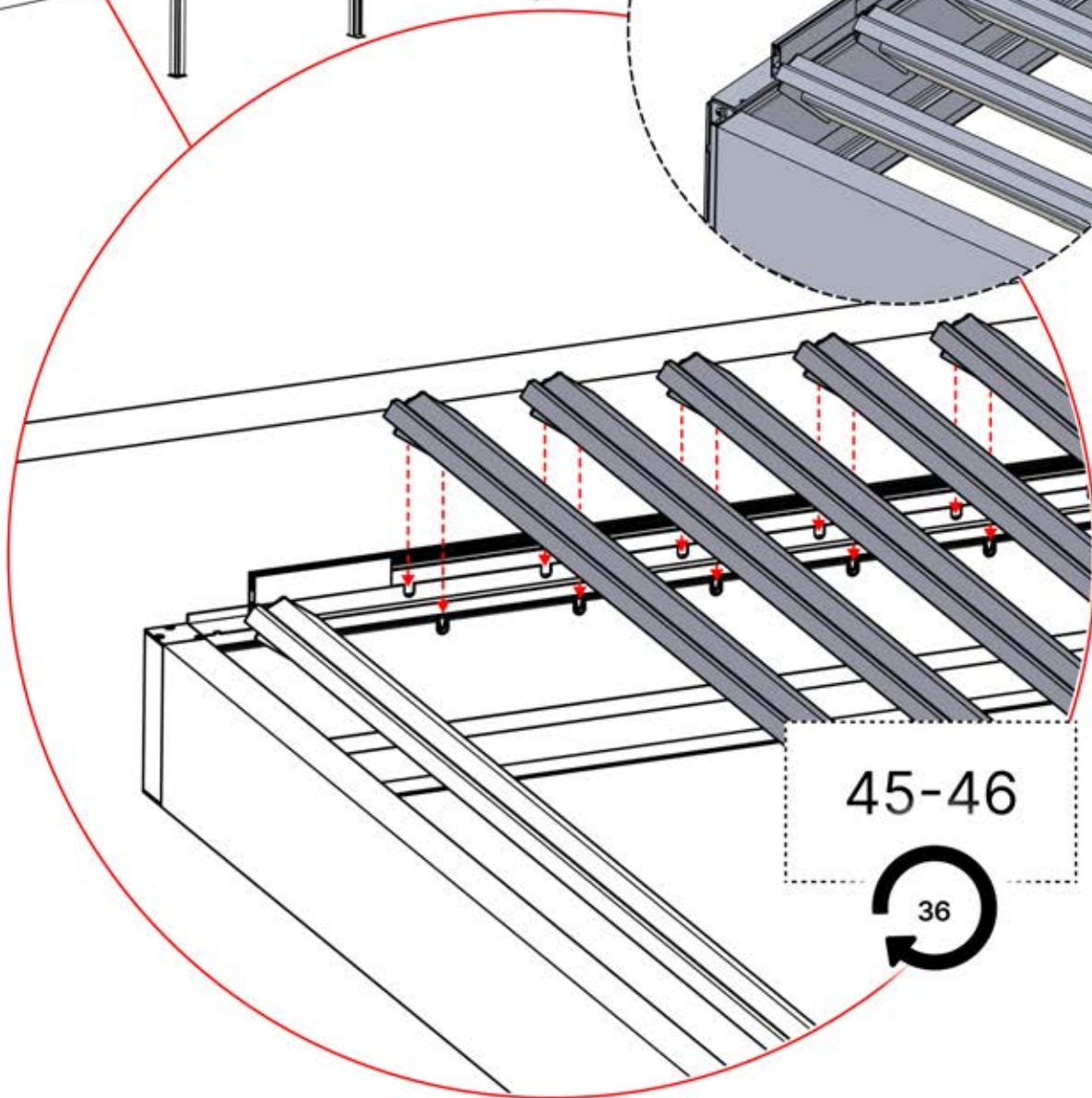
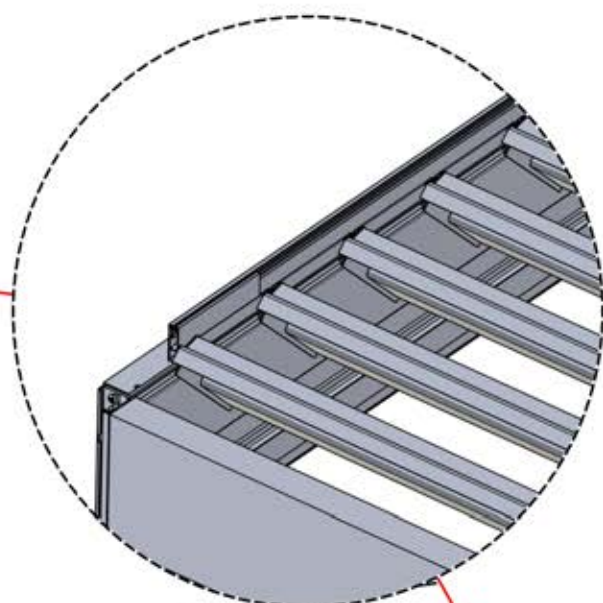
ANTHRACITE: B226
 WHITE: B230
 BLACK: B228



PN-200002802
35x



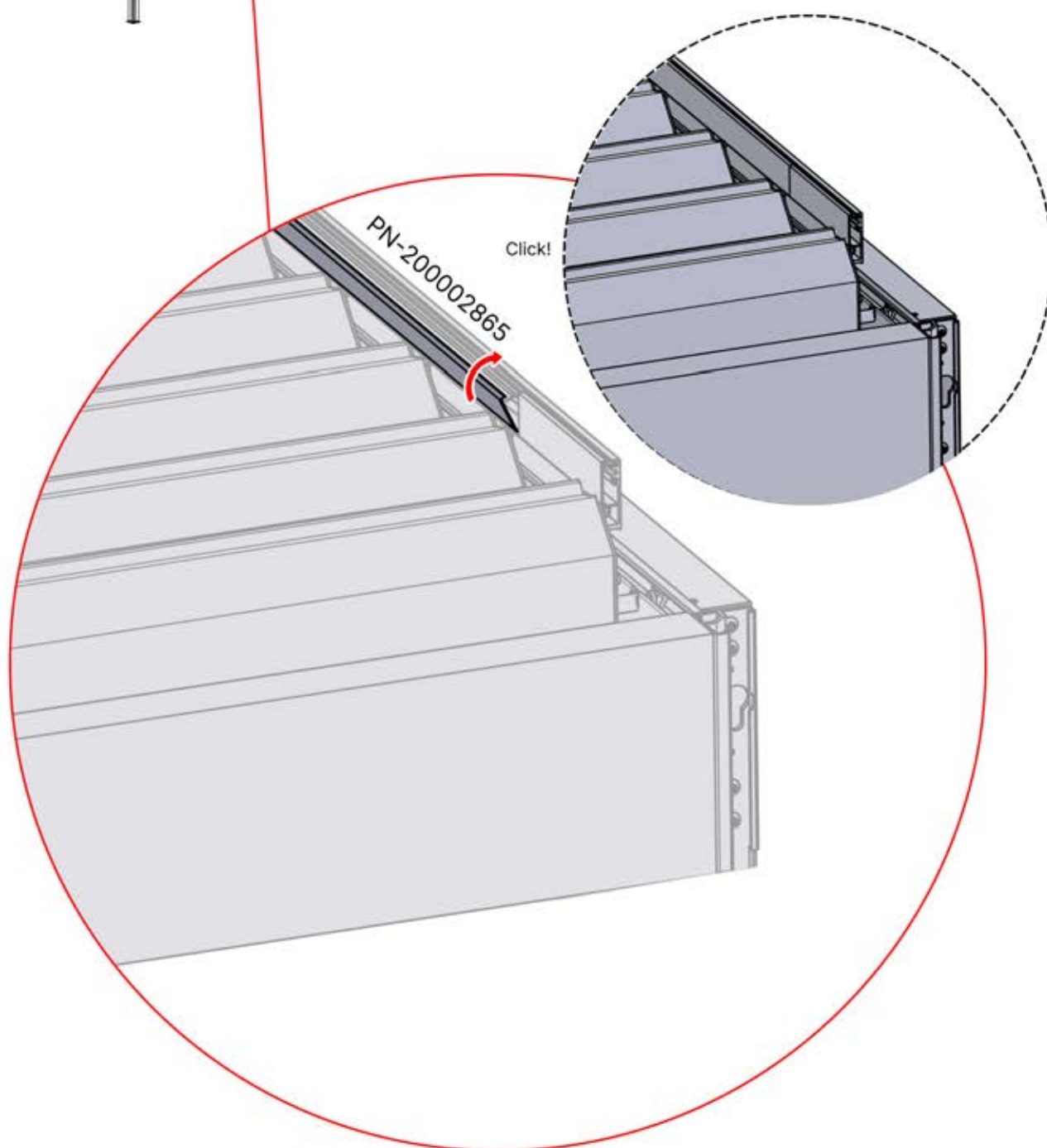
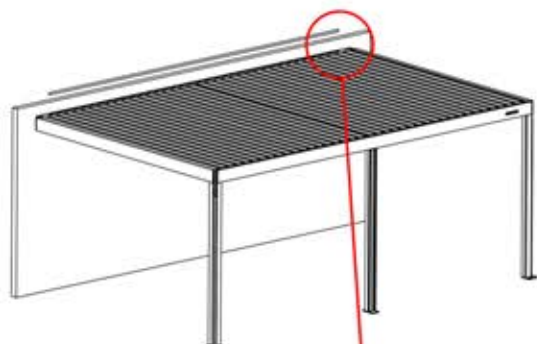
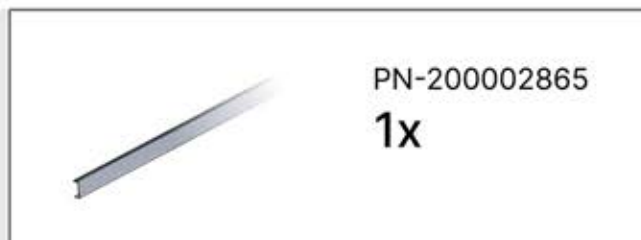
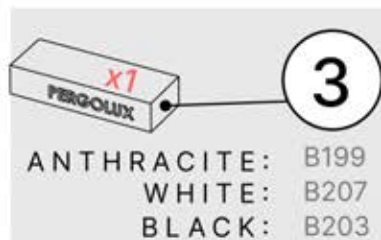
PN-200002802
1x



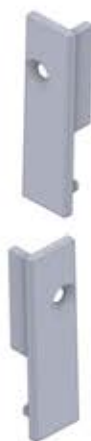
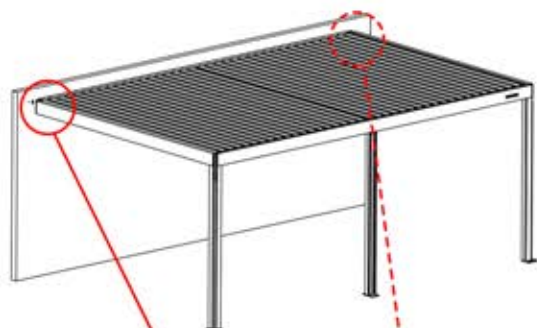
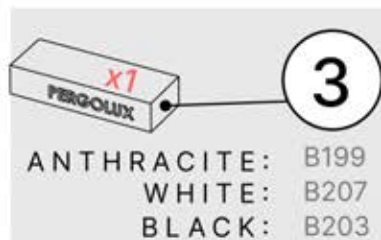
45-46



53



54



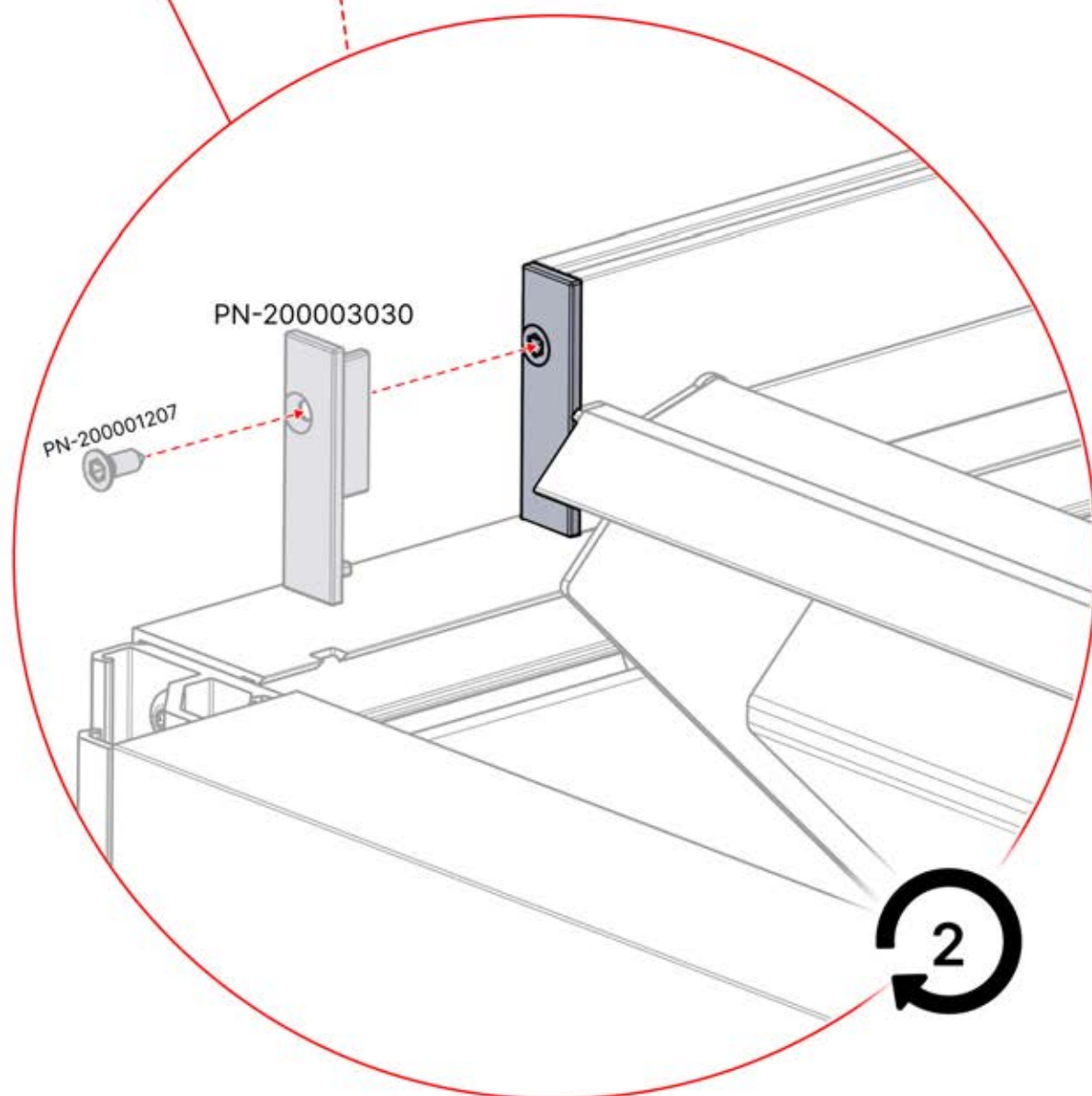
PN-200003030
1x



PN-200003030
1x

PN-200001207
2x

PN-20000
3278



55



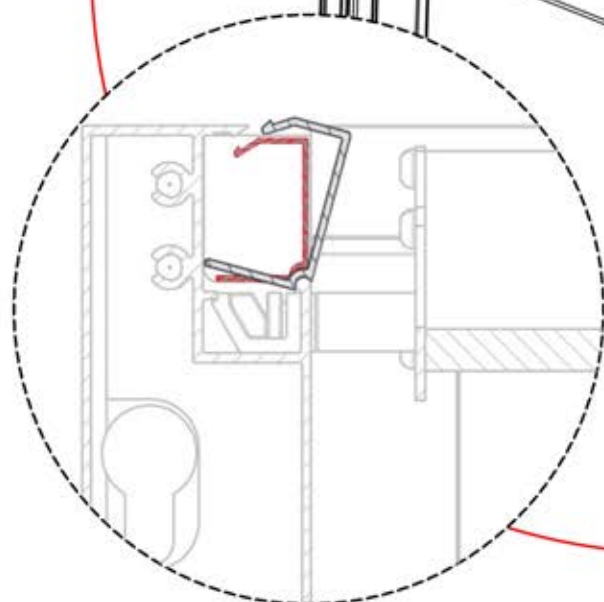
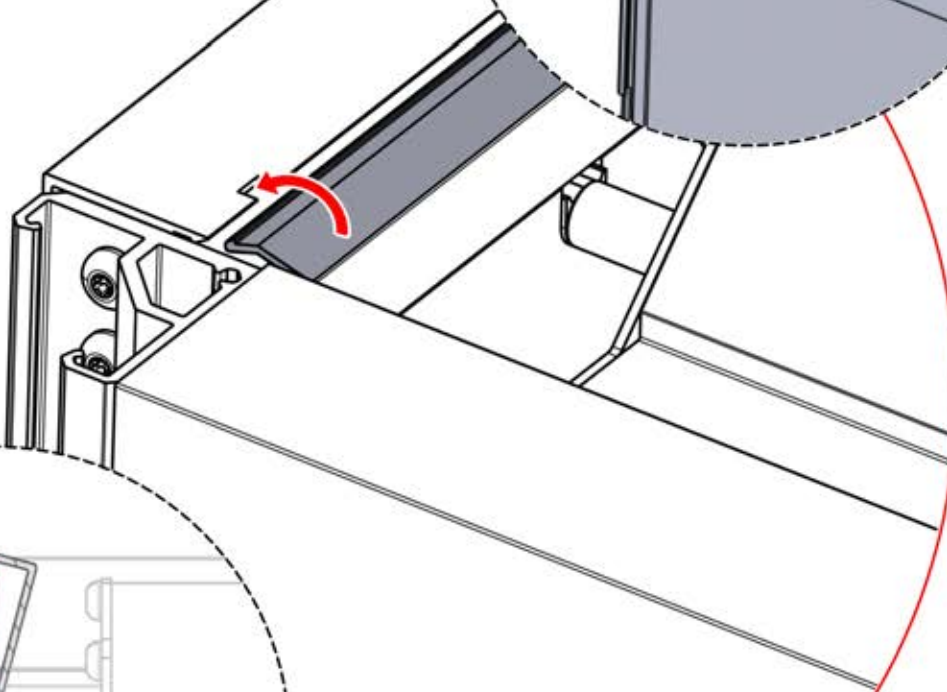
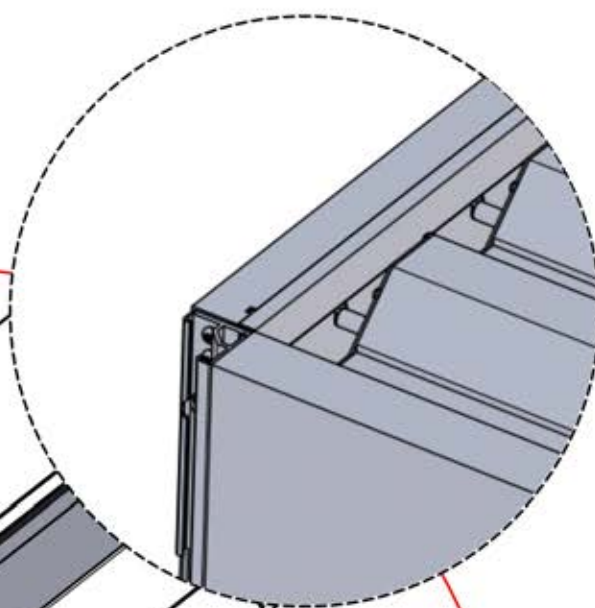
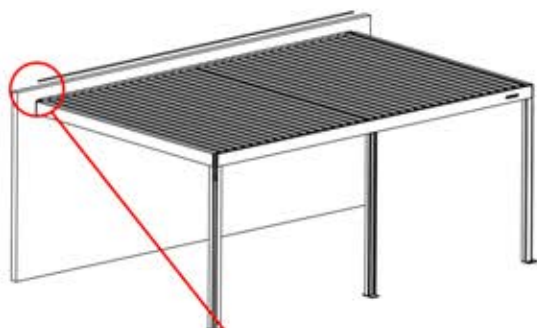
3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



PN-200002867

1x



56

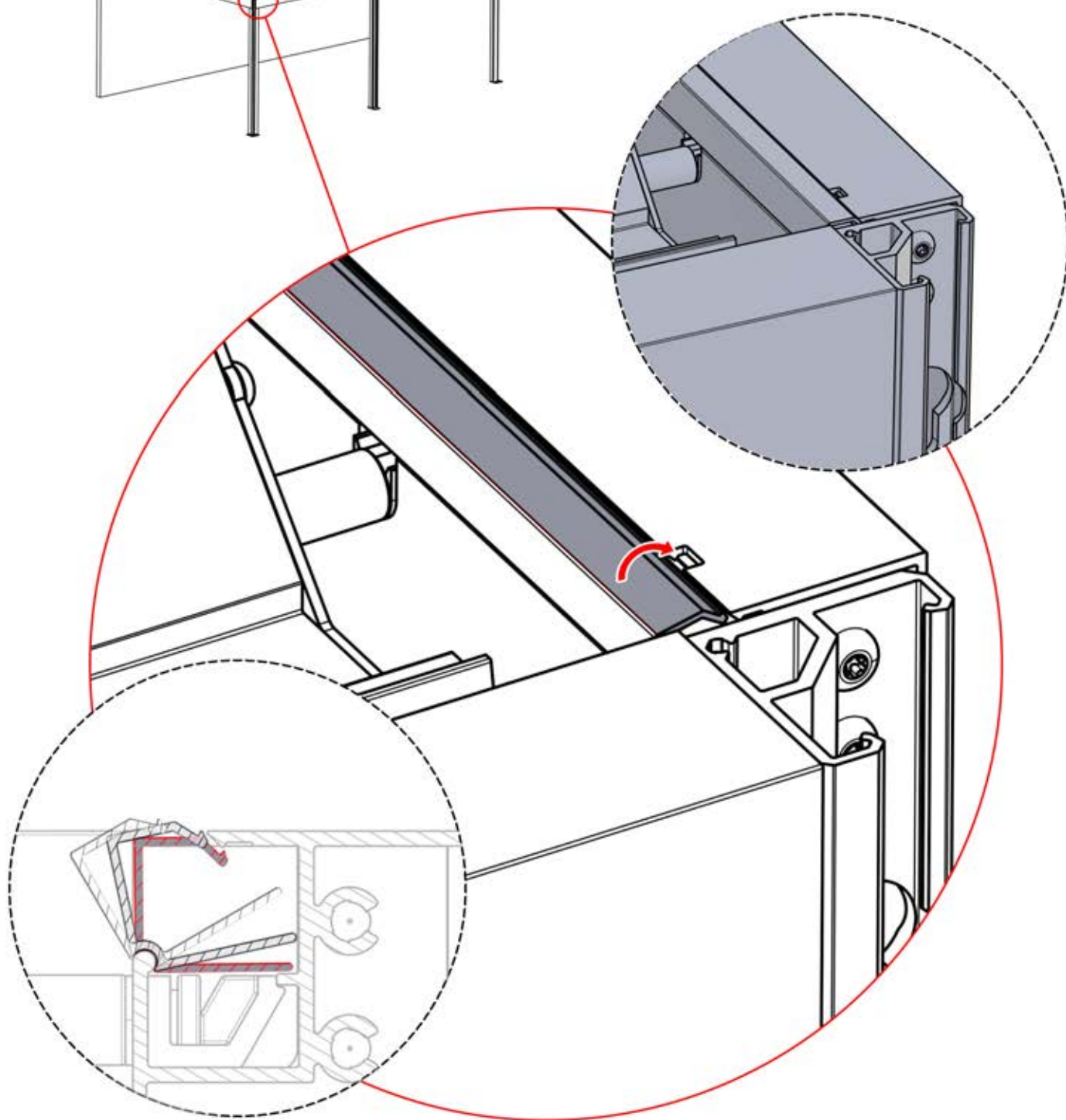
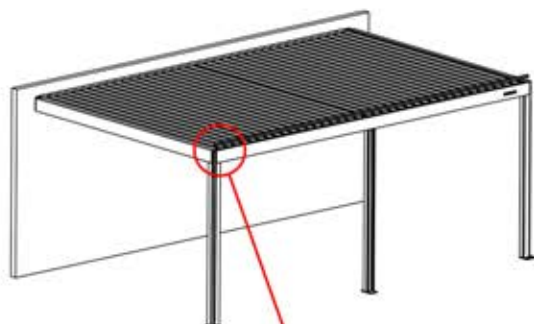


3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



PN-200002863
1x



57



5

ANTHRACITE: C120
 WHITE: C122
 BLACK: C121



3

ANTHRACITE: B199
 WHITE: B207
 BLACK: B203



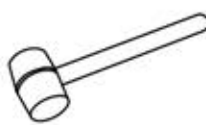
PN-200003386
2X

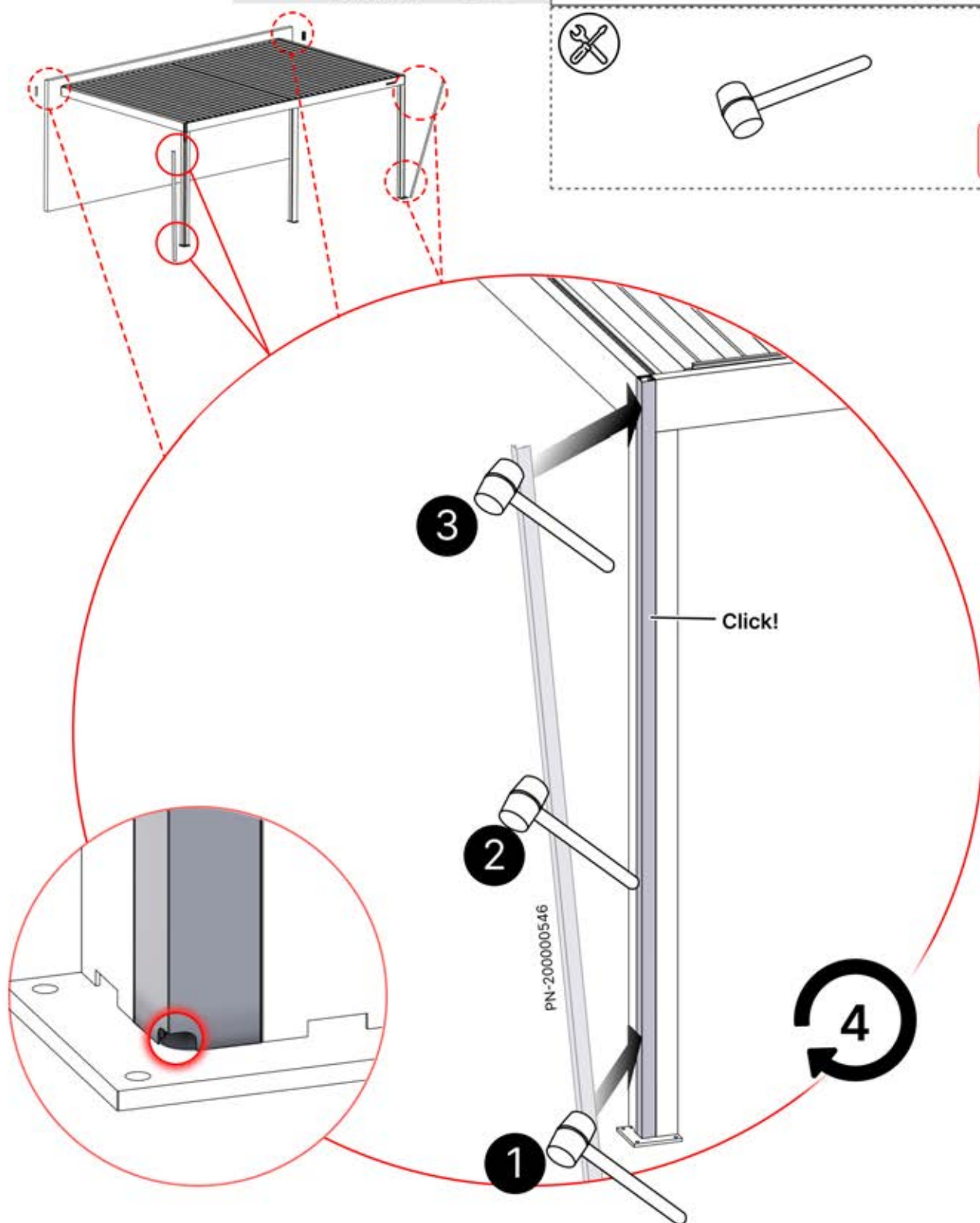


PN-200003324
2x

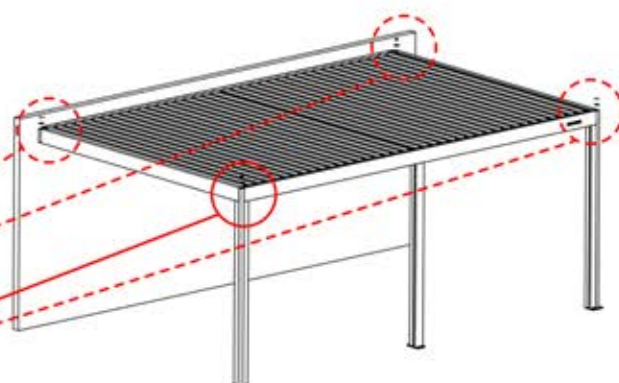
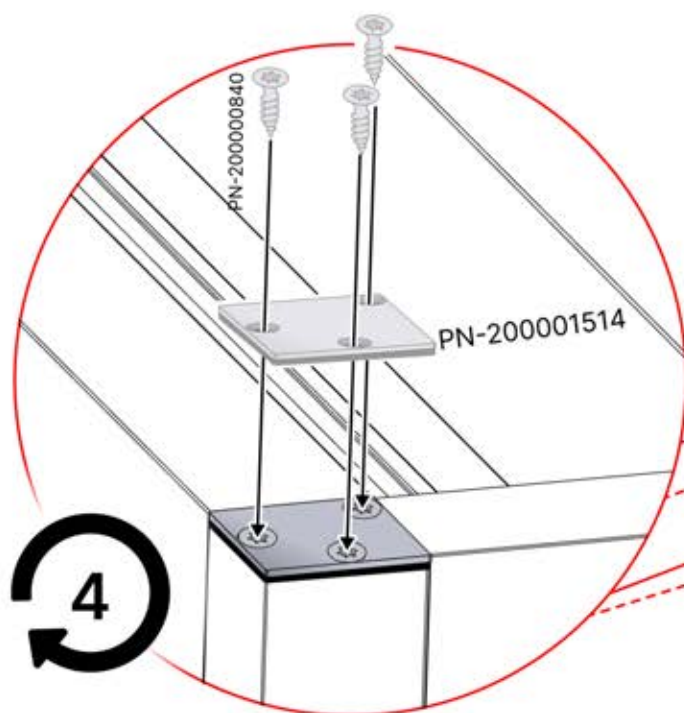
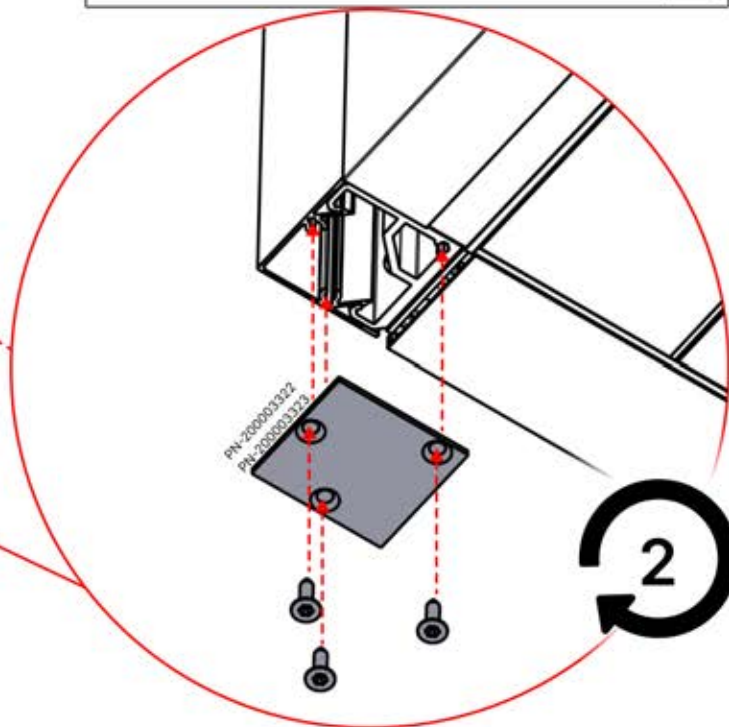
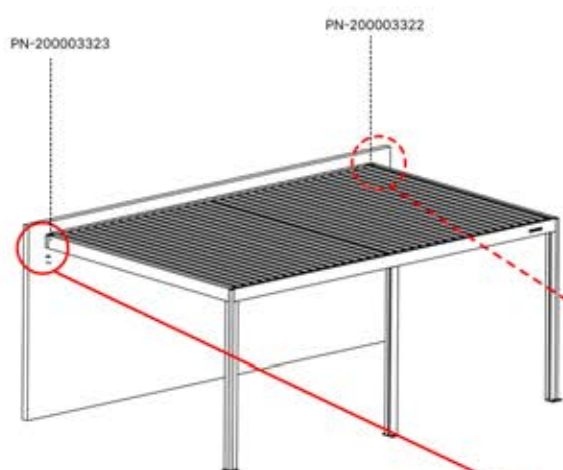
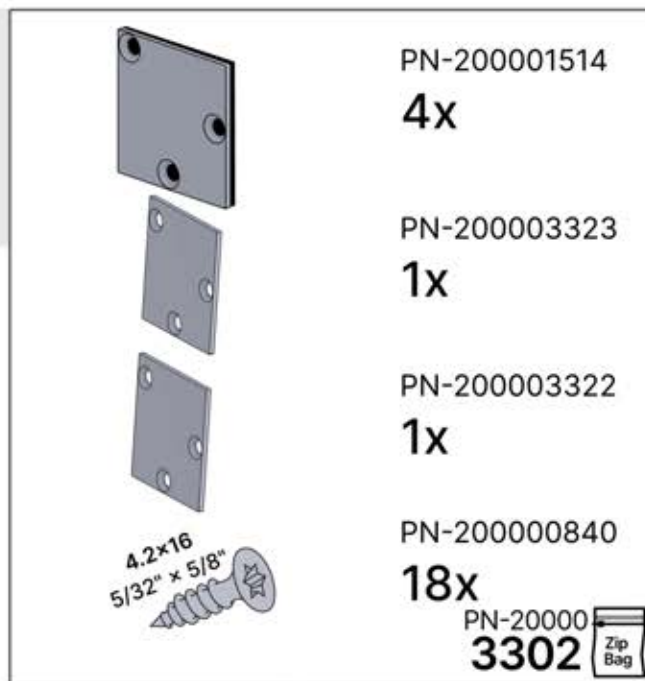
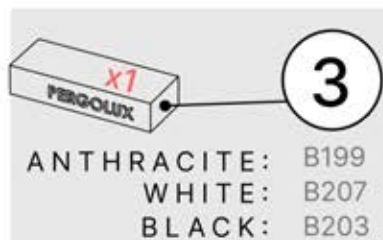
PN-20000
3309



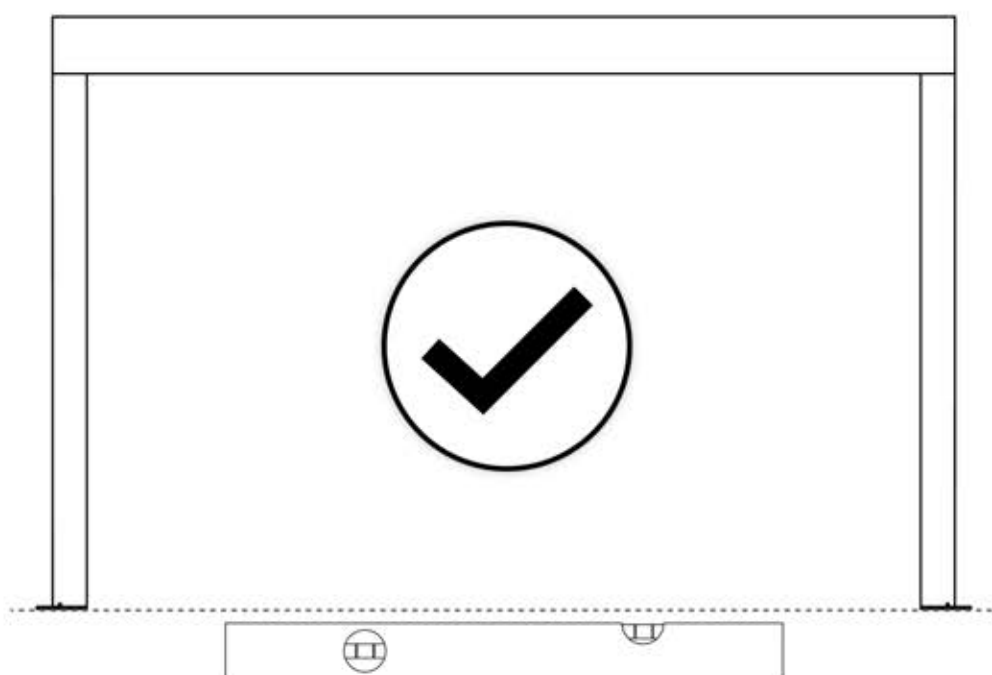
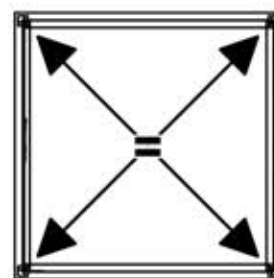
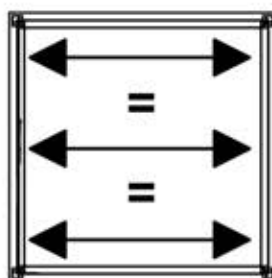
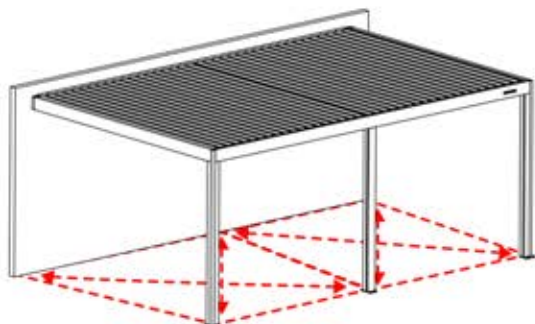
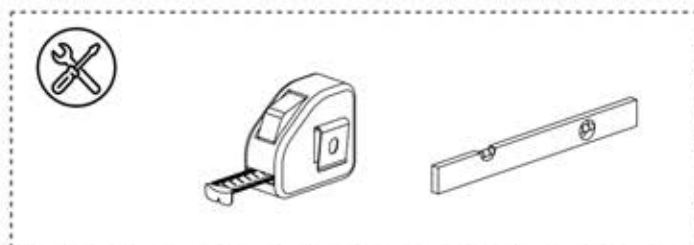



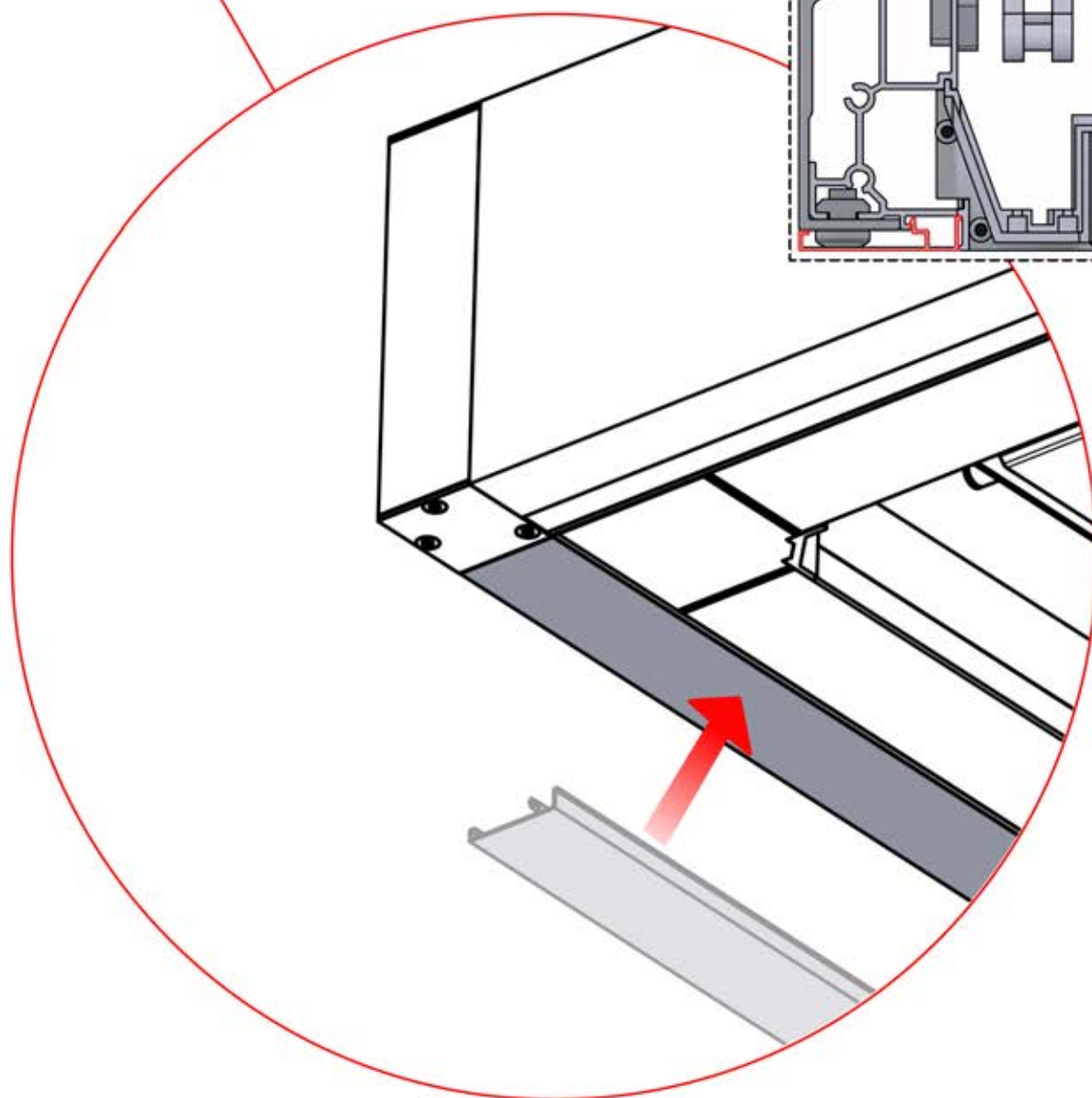
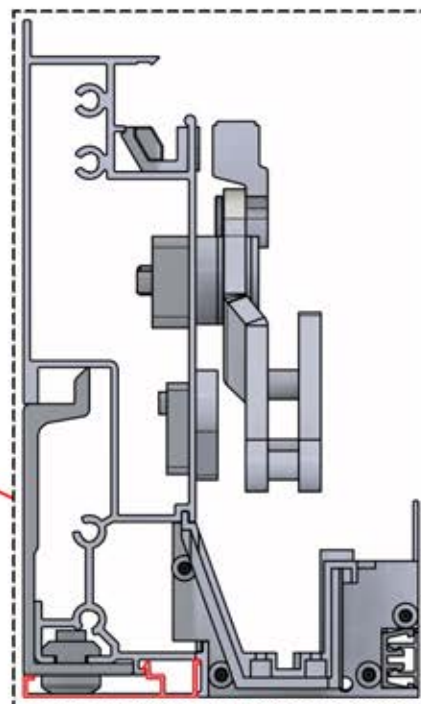
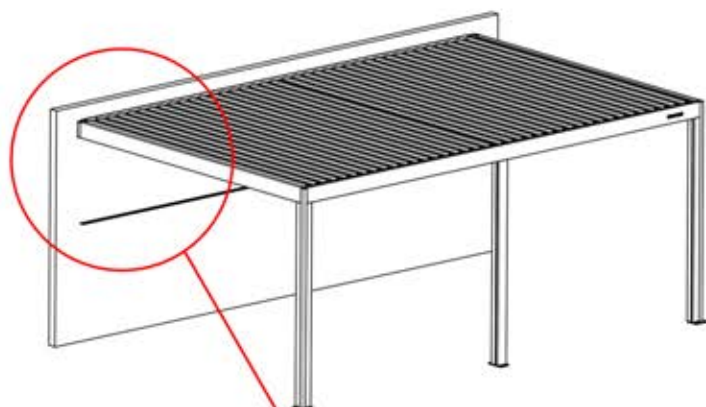
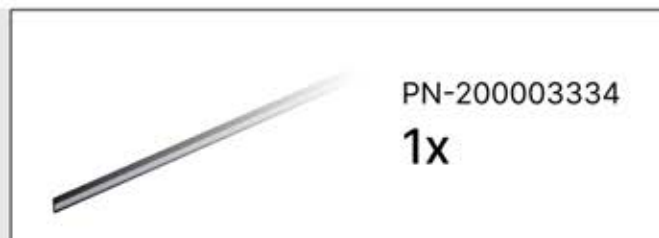
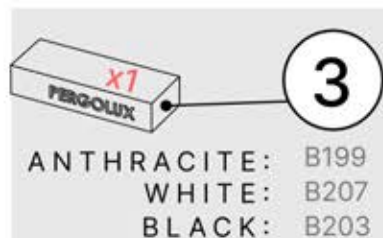
58



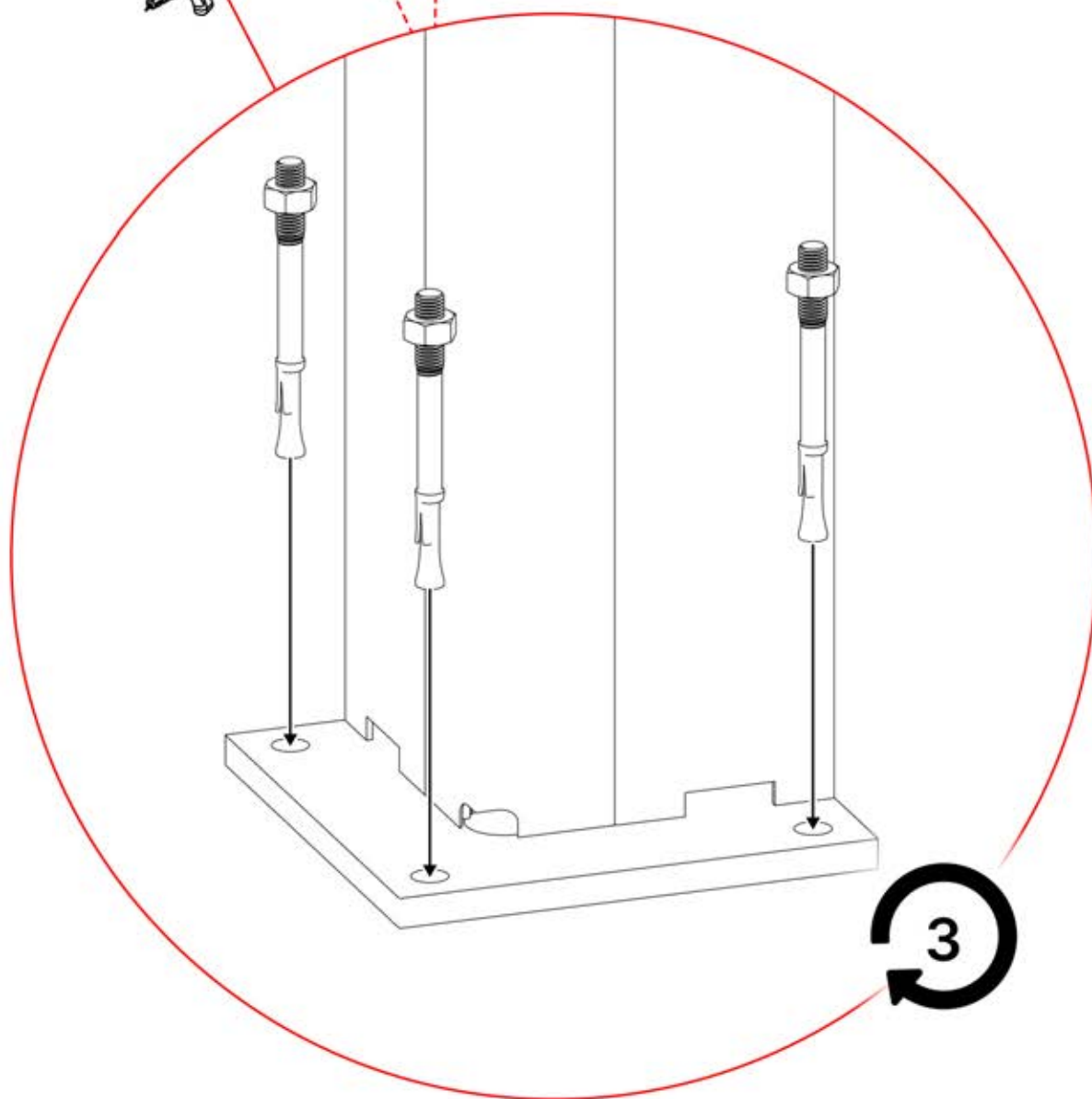
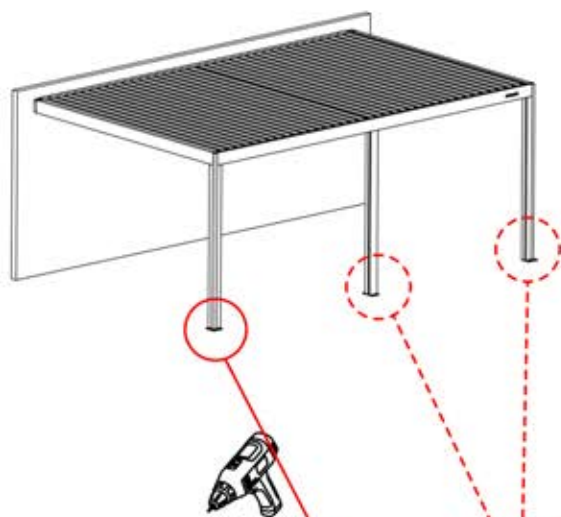
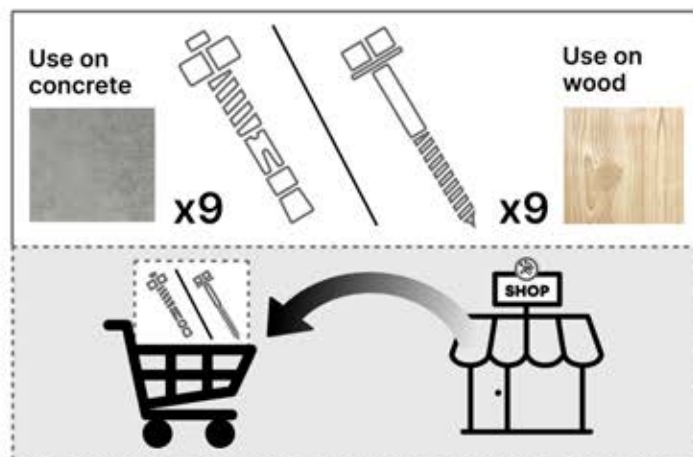
59



60



61



PERGOLUX | PERGOLA+ WALLMOUNTED S4

3 × 6 M / 10' x 19'



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