

S4

PERGOLA

PRO MAX



3×5m/10'x16'
WALLMOUNTED

PERGOLUX



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678



S4 PERGOLUX | PERGOLA PRO MAX WALLMOUNTED 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-MAX-FSWM-S4

EN 13561:2015

Pergolux Pergola PRO MAX 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



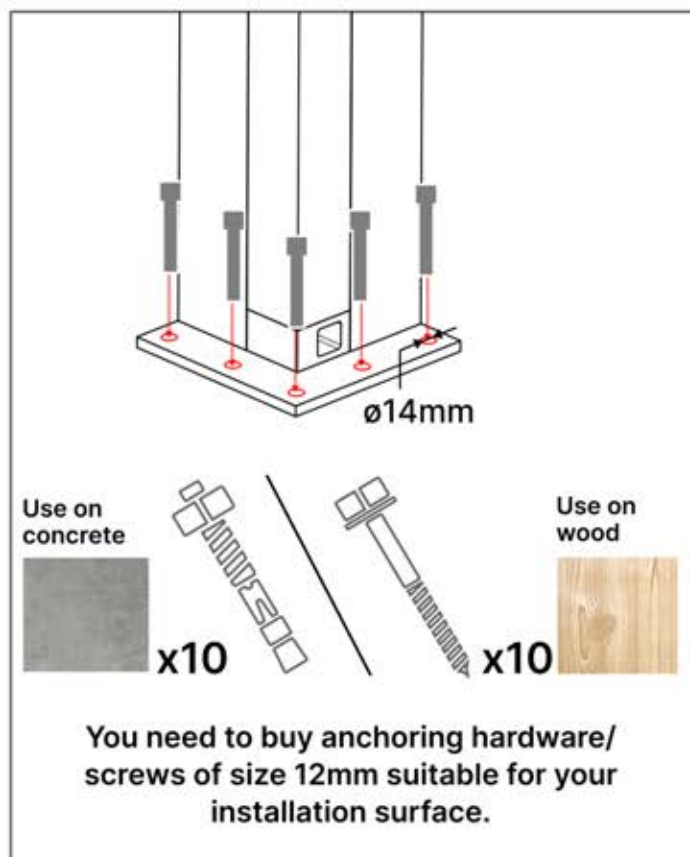
Turn around



Discard

S4 PERGOLUX | PERGOLA PRO MAX WALLMOUNTED

INFORMATION

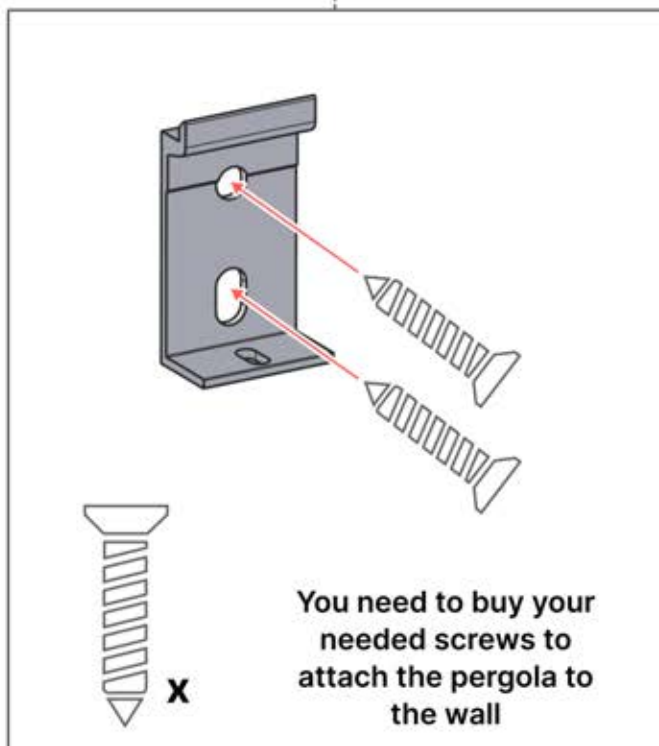


All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

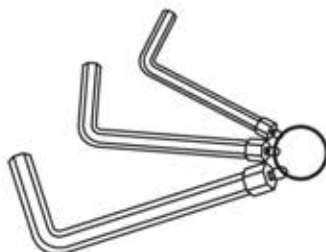
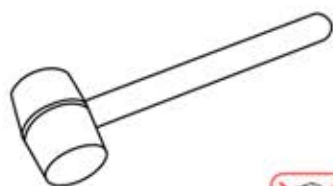
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



Apply lubricant to make screw assembly easier.



INFORMATION

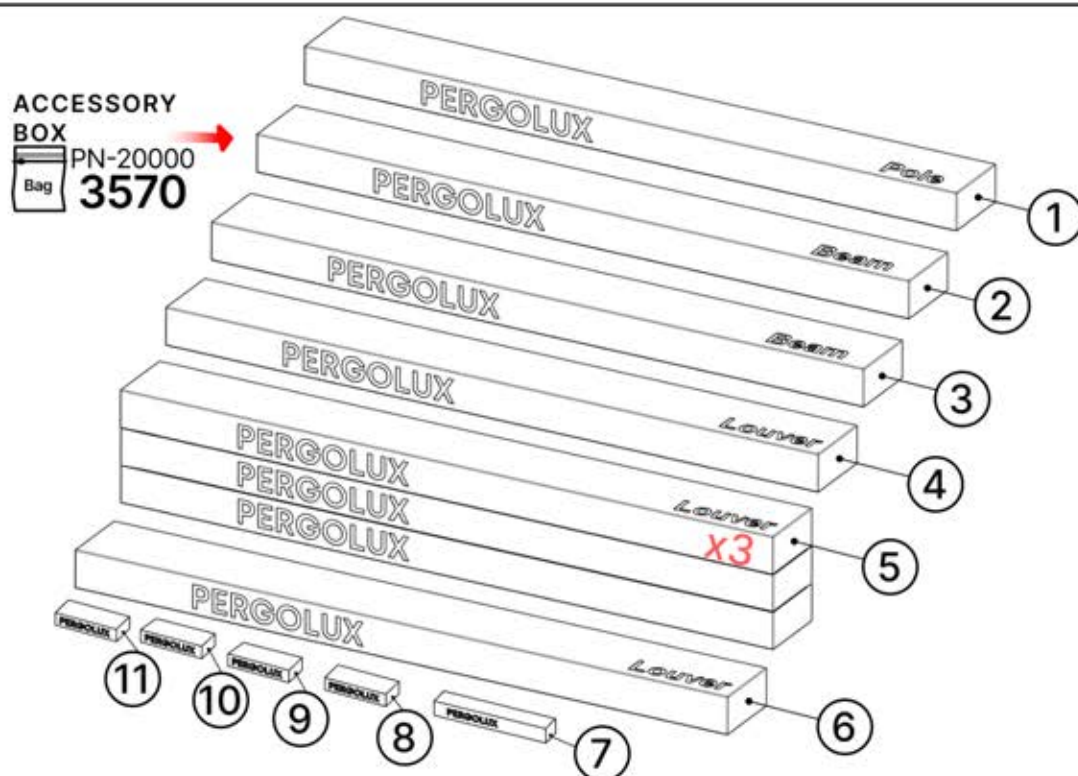


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

PACKAGE OVERVIEW

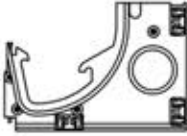
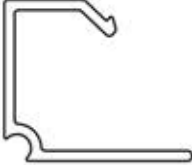


ORDER	ANTHRACITE	WHITE	BLACK
①	C126	C127	C128
②	B297	B301	B305
③	B313	B315	B317
④	L269	L273	L271
⑤	L257	L261	L259
⑥	L245	L249	L247
⑦	ELECTRIC MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	1	C126	C127 C128
		PN-200002467 2x	
		PN-200002301 2x	
		PN-200003584 2x	
		PN-200002299 2x	

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	2	B297	B301 B305
		PN-200003503 1x	
		PN-200003525 1x	
		PN-200002486 2x	
		PN-200002474 1x	
		PN-200002470 1x	

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		B297	B301	B305
			PN-200002492 1x	
			PN-200002493 1x	
			PN-200002490 2x	
			PN-200002504 2x	
 PN-20000 4087 PN-200002308 10x			PN-200001340 1x	
 PN-20000 3278 PN-200003033 2x  PN-200003030 1x		 PN-200003031 1x  PN-200001207 2x		

ITEMS IN BOX



ANTHRACITE

WHITE

BLACK

2

B297

B301

B305



PN-20000
3755



PN-200000655
4x



PN-20000
3496



PN-200002289
4x



PN-20000
3753



PN-200002284
2x



PN-200002368
2x



PN-20000
3499



PN-200002282
4x



PN-200000832
2x



PN-200002311
2x



PN-200002298
2x



PN-200002369
2x



PN-20000
3756



PN-200000958
4x



PN-20000
3495



PN-200002311
40x



PN-20000
3750



PN-200003049
8x



PN-200003050
8x



PN-200003051
8x

ITEMS IN BOX



ANTHRACITE WHITE BLACK

2

B297

B301

B305



PN-20000
3751



PN-200003500
1x



PN-200002324
1x



PN-200002321
1x



PN-200002330
1x



PN-200002325
1x



PN-200002340
1x



PN-200002341
3x



PN-200000832
4x



PN-200002326
1x



PN-200002134
2x



PN-200002355
1x



PN-200002333
1x



PN-200002328
2x



PN-200002327
1x

ITEMS IN BOX



ANTHRACITE WHITE BLACK

2

B297

B301

B305



PN-20000
3498



PN-200002291
6x



PN-200002318
18x



PN-20000
3497



PN-200002329
4x



PN-200000852
8x



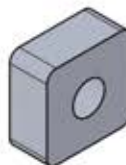
PN-20000
3752



PN-200002373
5x



PN-200002319
5x



PN-200002290
5x



PN-200002292
5x



PN-20000
3754



PN-200002371
2x



PN-200002370
2x



PN-20000
3768



PN-200002911
2x



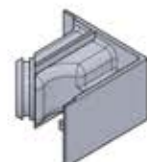
PN-200002297
2x



PN-20000
3767

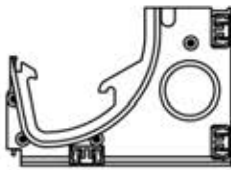


PN-200002286
4x



PN-200002303
2x

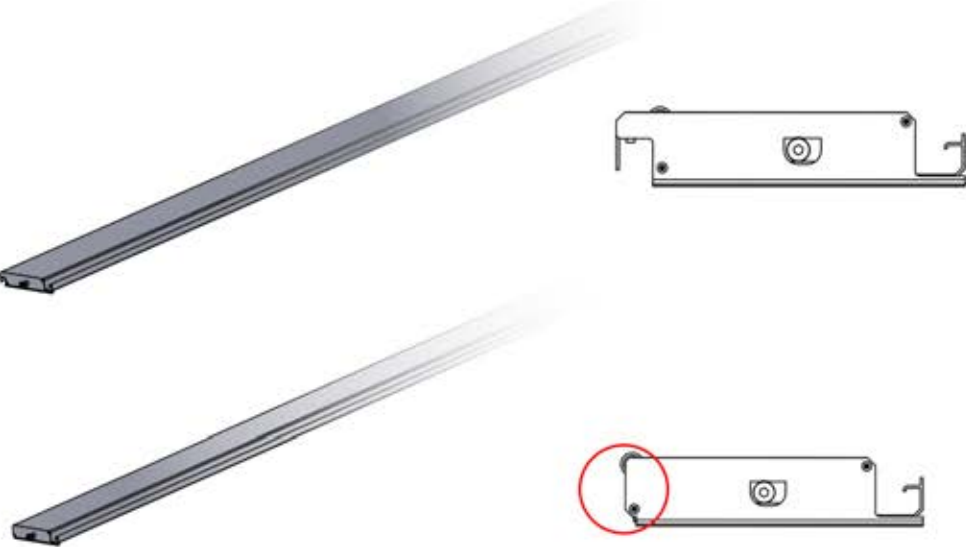
ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
 3		B313	B315	B317
		PN-200003528 2x		
		PN-200003550 2x		
		Premounted PN-200003516 2x		
		PN-200003587 2x		
		PN-200003530 2x		

ITEMS IN BOX



ANTHRACITE	WHITE	BLACK
L269	L273	L271

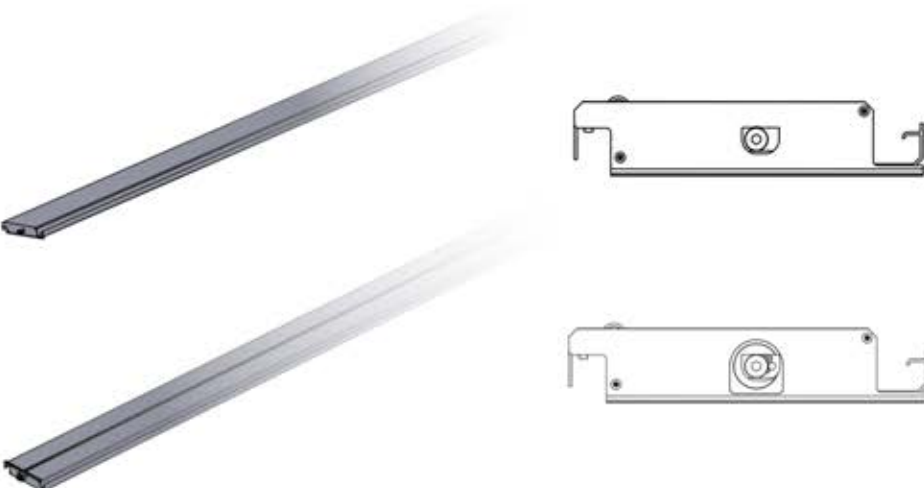


Standard = **(S)**
PN-200003533
4x

End = **(E)**
PN-200003535
1x



ANTHRACITE	WHITE	BLACK
L257	L261	L259



Standard = **(S)**
PN-200003533
6x

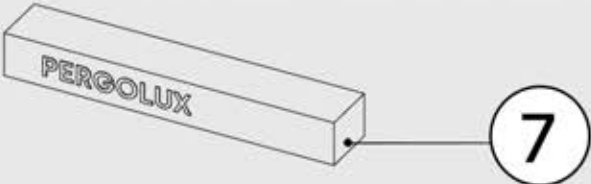
LED = **(LED)**
PN-200003537
6x

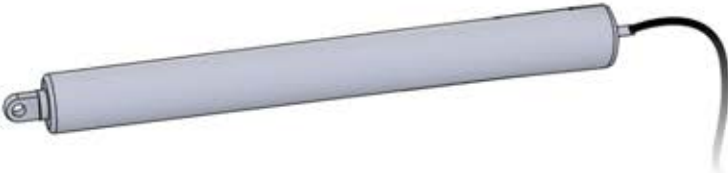
ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	L245	L249	L247



Standard = **S**
PN-200003533
4x

	7	ELECTRIC MOTOR
---	---	----------------



Electric motor
PN-200001562
1x



PN-200003773
1x



PN-200002332
1x



PN-200001625
2x

ITEMS IN BOX



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



9

POWER CABLE



PN-200003781

1x



10

LED BOX

PN-20000
Zip Bag
3830



LED STRIP

6x



6 LED HARNESS

1x



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

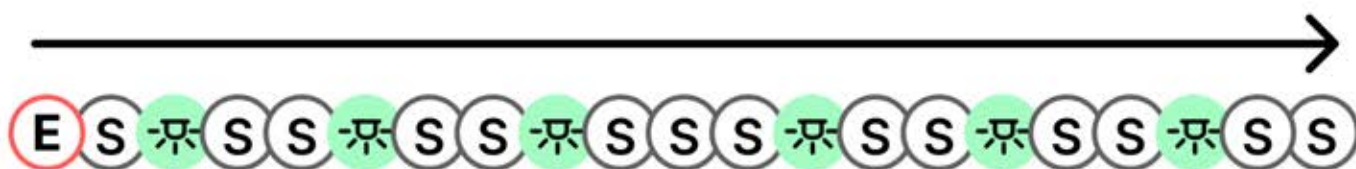
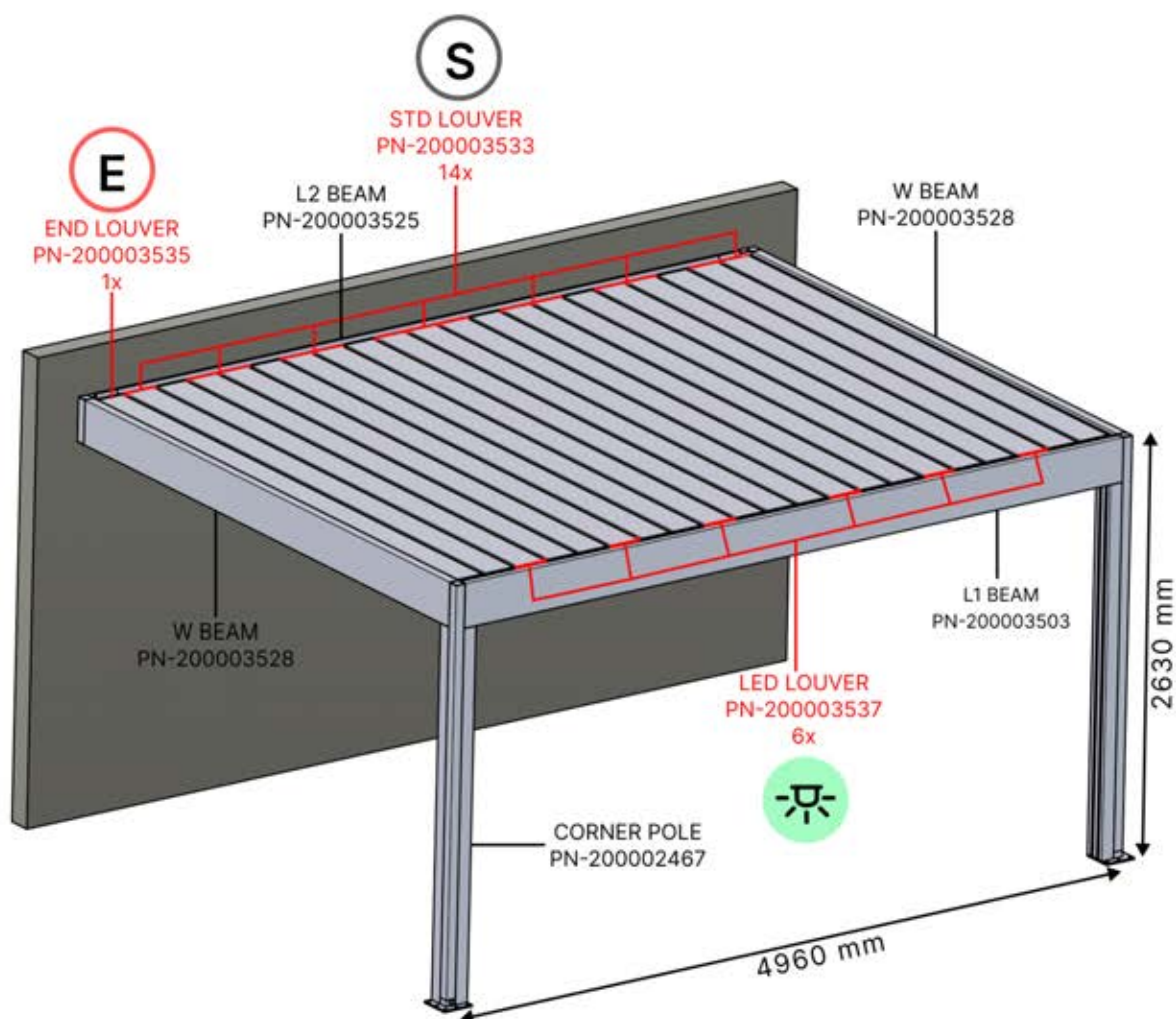


CONTROL BOX

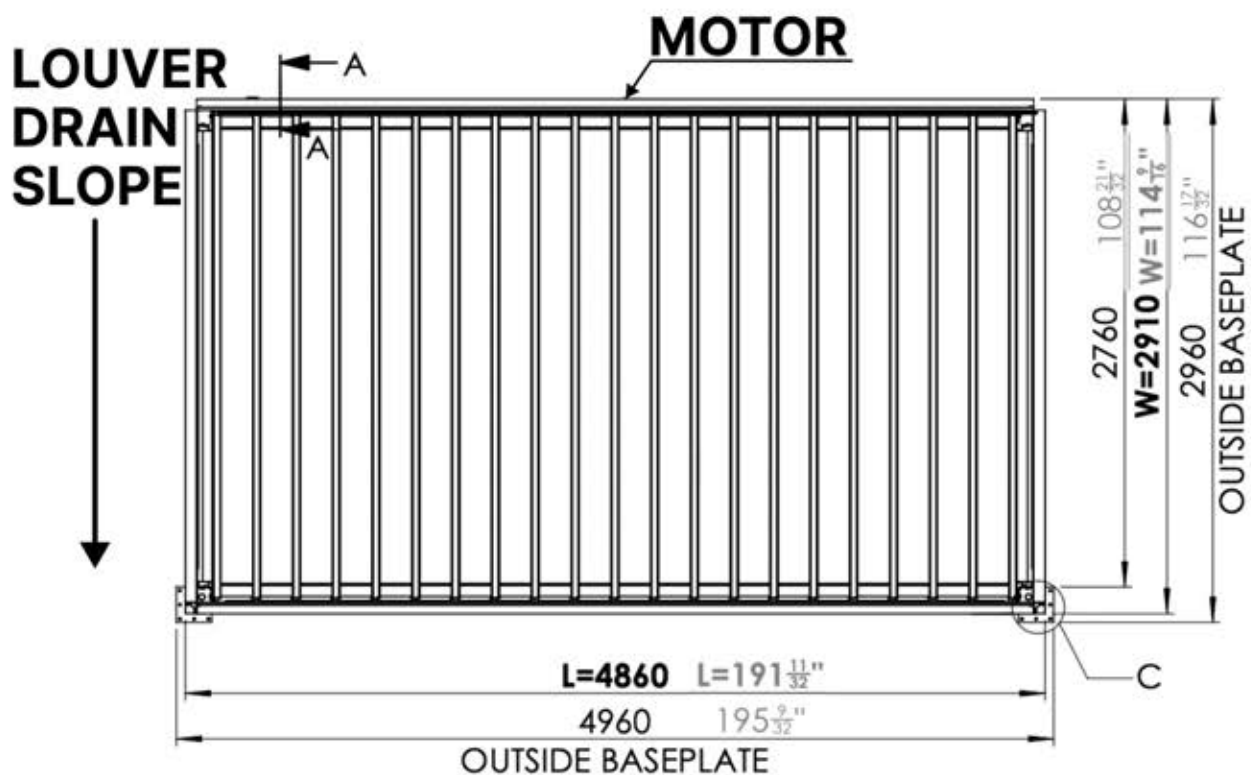
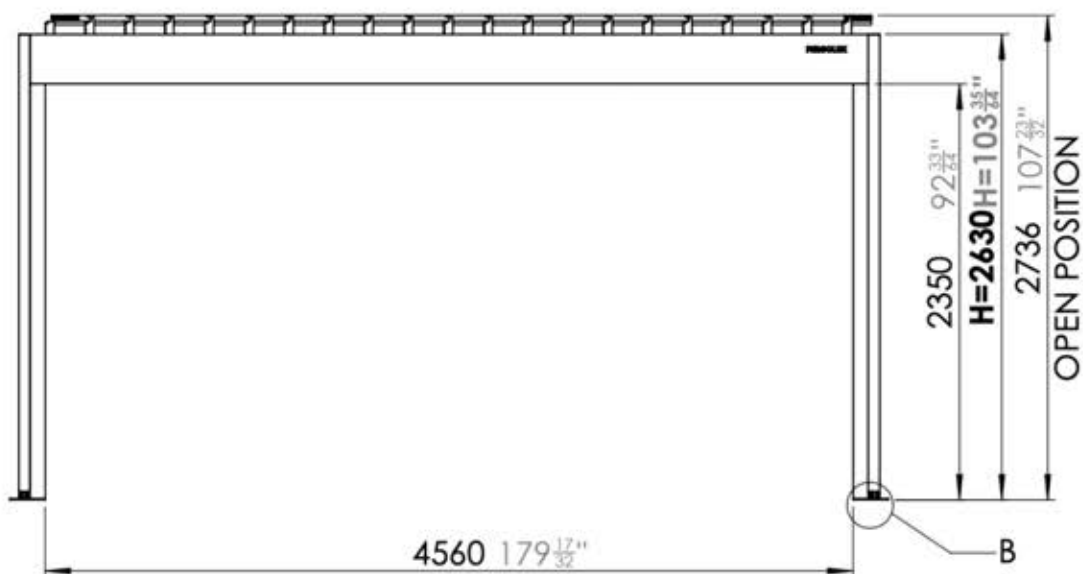
[View Manual](#)

S4 PERGOLUX | PERGOLA PRO MAX WALLMOUNTED

3 × 5 M / 13' x 16'



3 x 5 M / 13' x 16'



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.

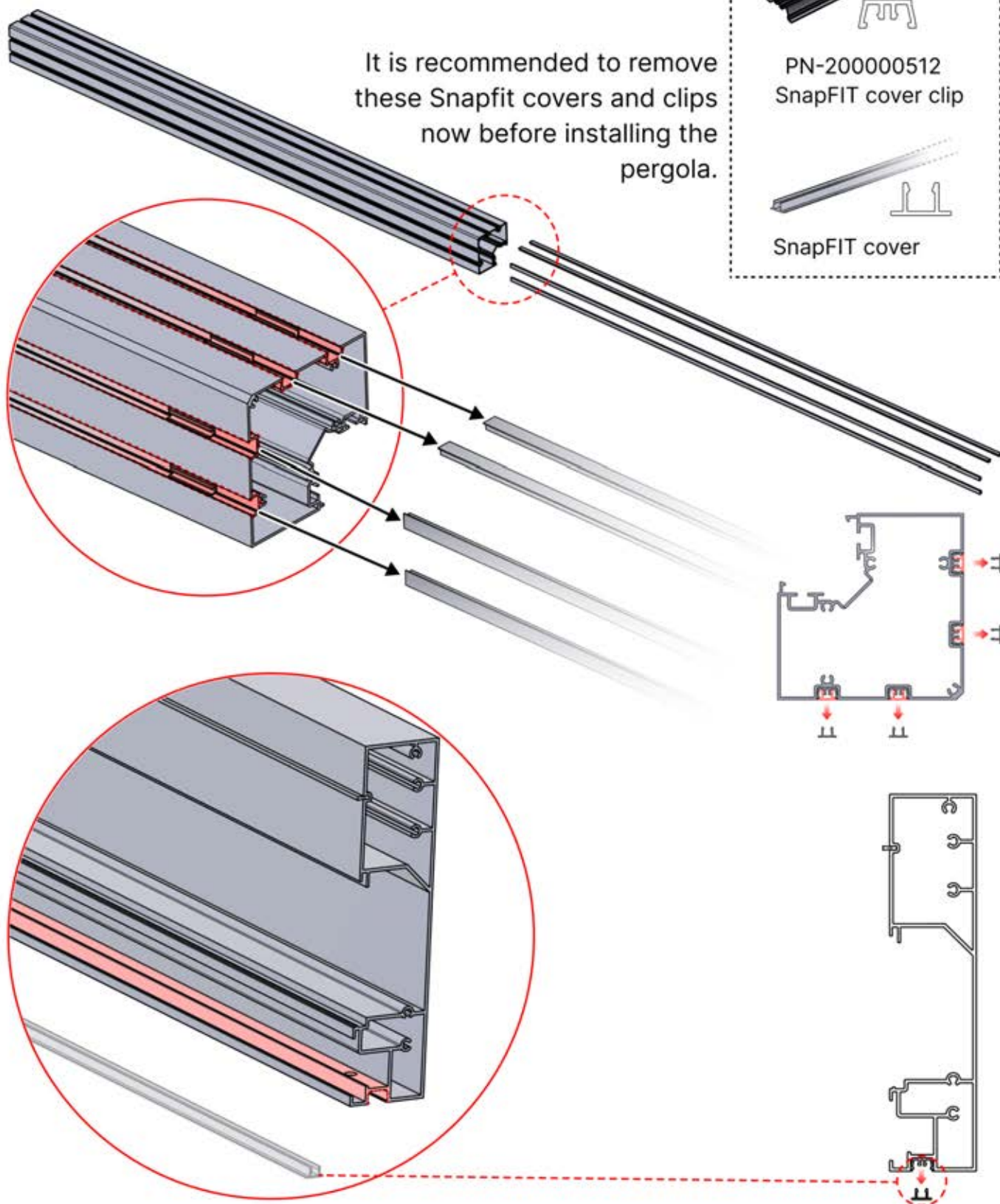
Cover and clips



PN-200000512
SnapFIT cover clip



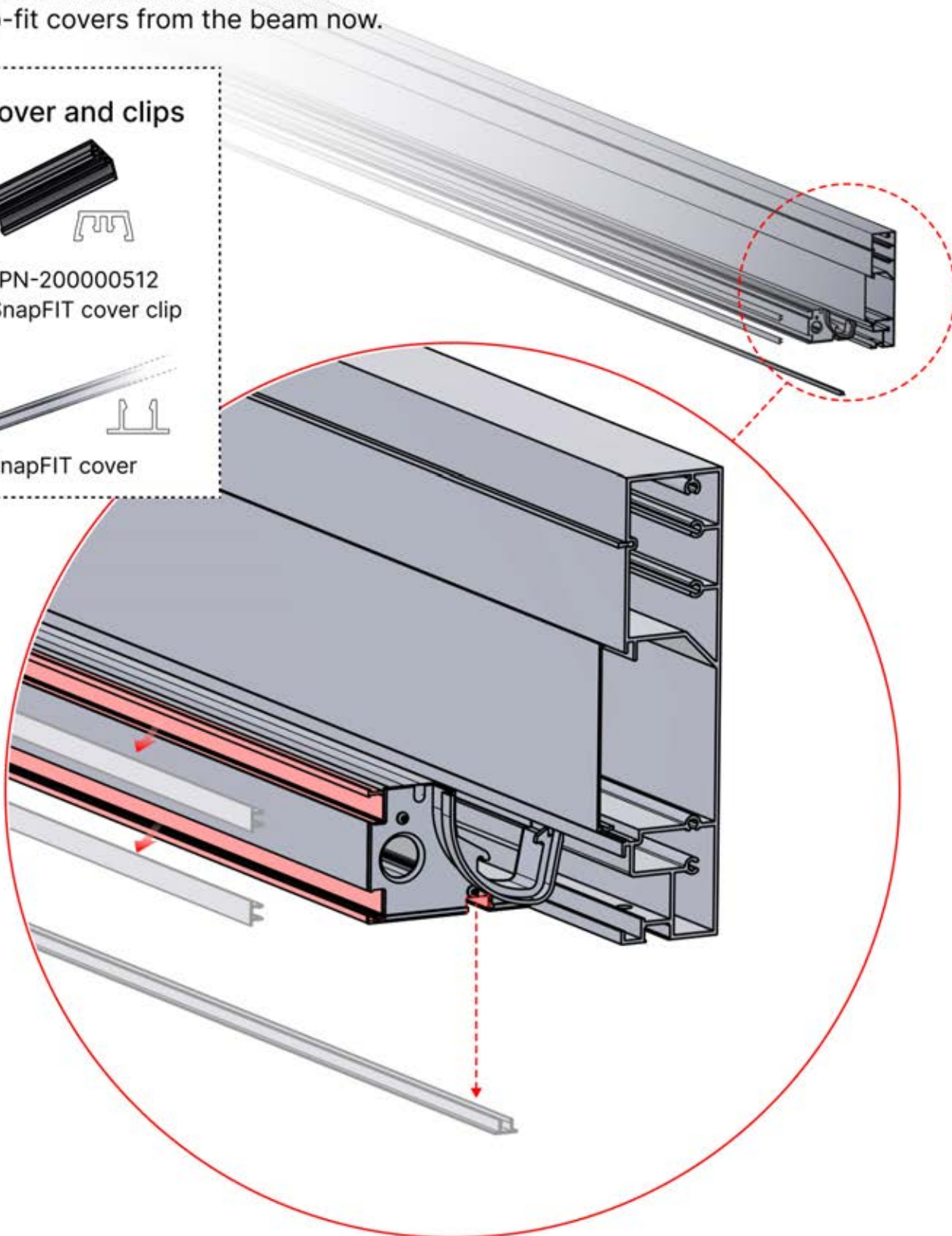
SnapFIT cover



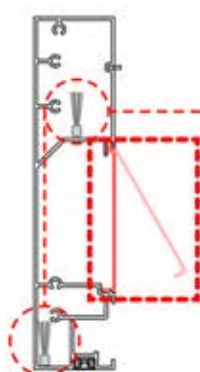
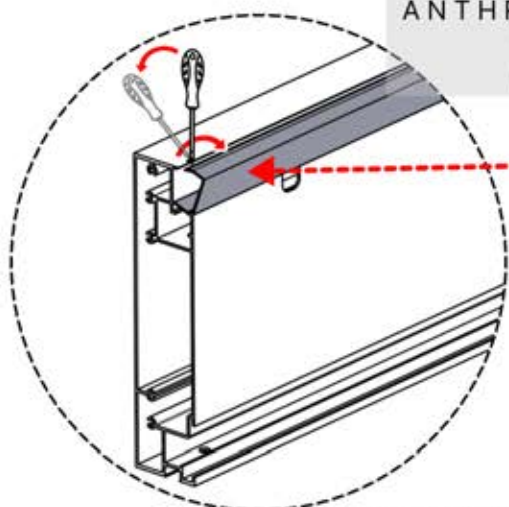
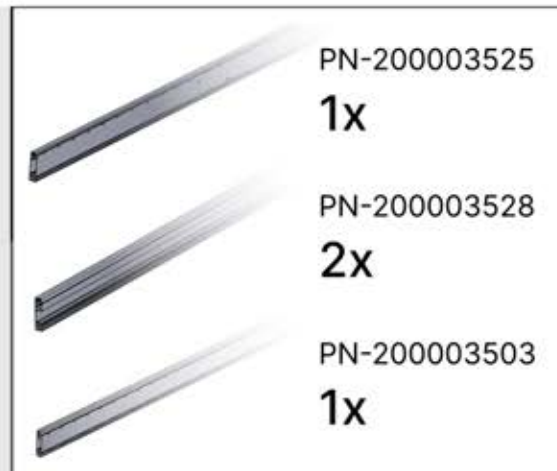
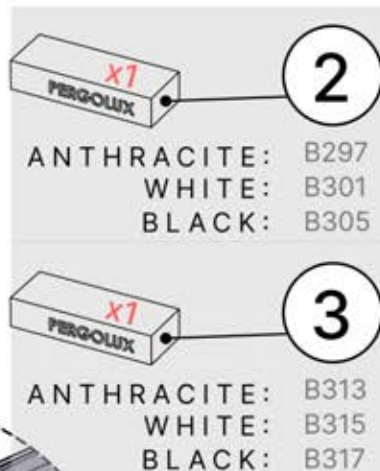
INFORMATION

Are you installing a heater or fan ?

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

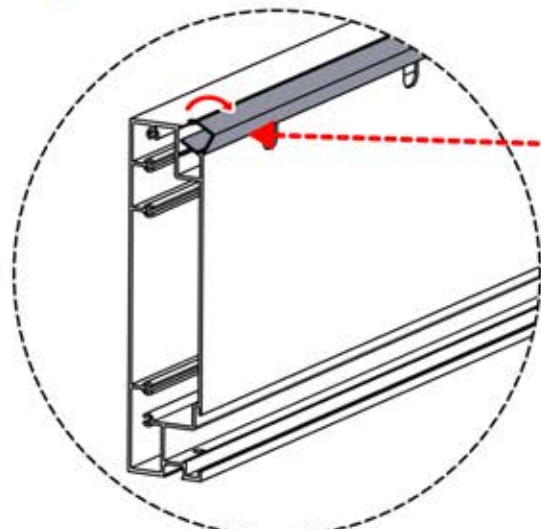


INFORMATION

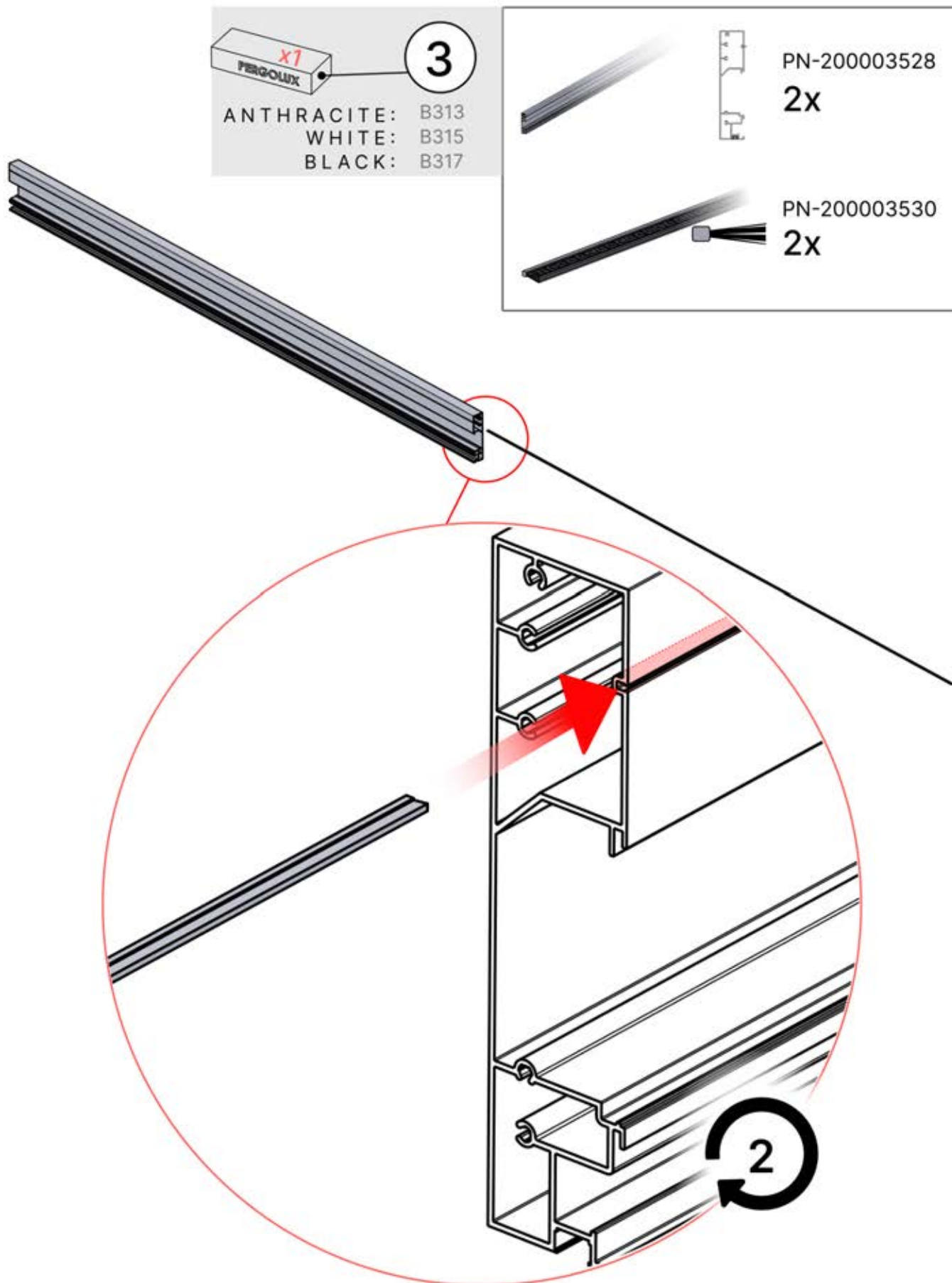


!

Remove the brush from the beam and set it aside. It will be installed during a later step in the manual.



INFORMATION

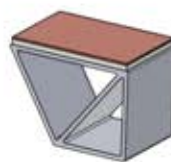


01



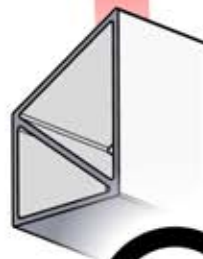
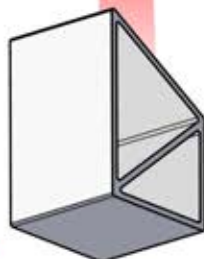
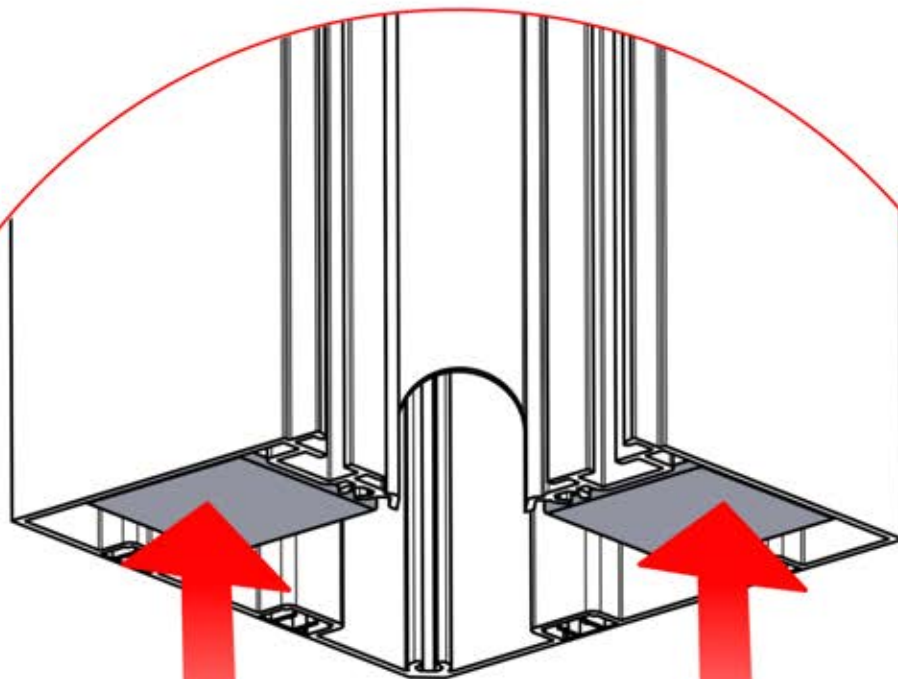
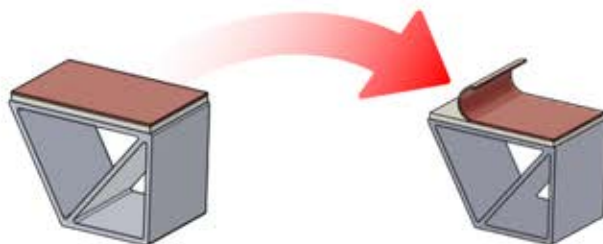
2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200002286

4x



2



02



1

ANTHRACITE: C126
WHITE: C127
BLACK: C128



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



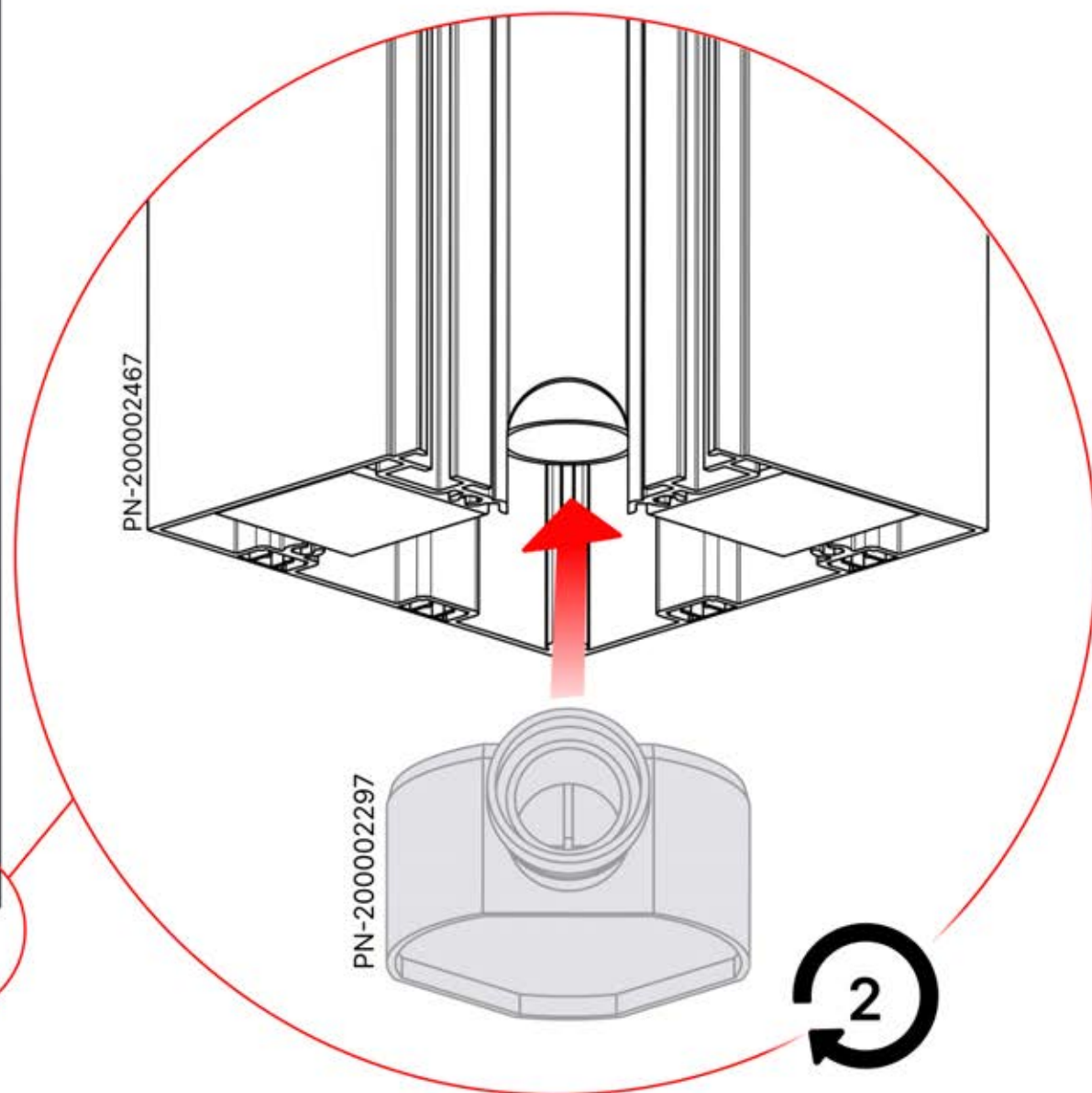
PN-200002467
2x



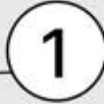
PN-200002297
2x

PN-20000
3768



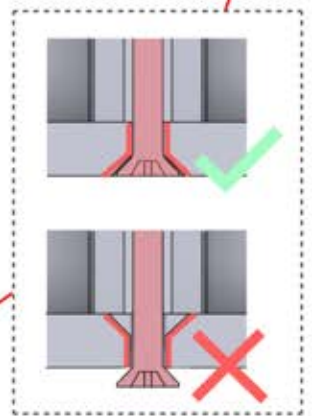
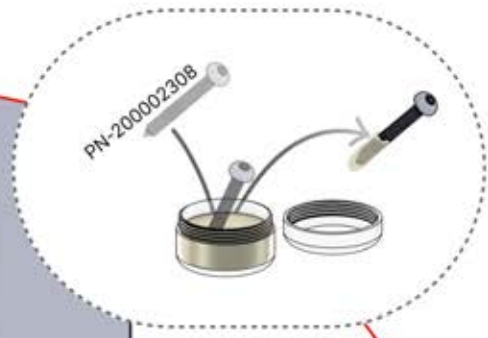


Technical drawing of a vertical structural member, likely a column or pier, showing a cross-section with a central core and a surrounding shell. The drawing includes a red circle highlighting the base connection detail.



2

PN-20000
4087 

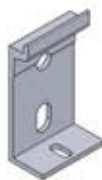


04



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200002373

5x

PN-20000
3752

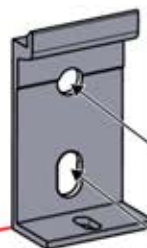
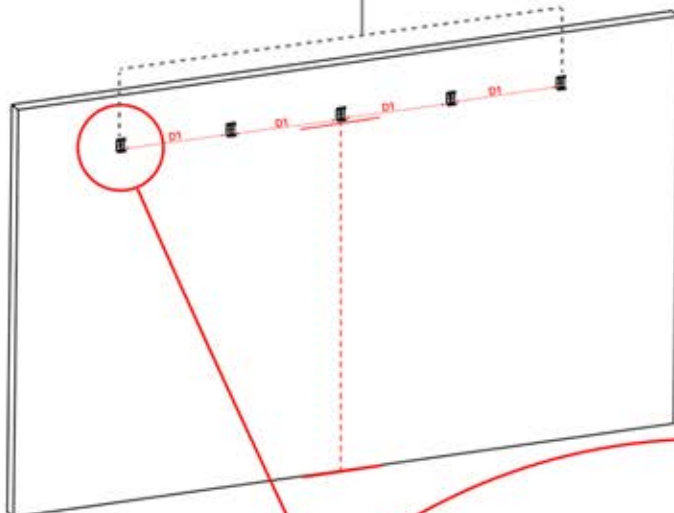


x10



Install the first and last wall mount brackets (PN-PN-200002373) 4500 mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.

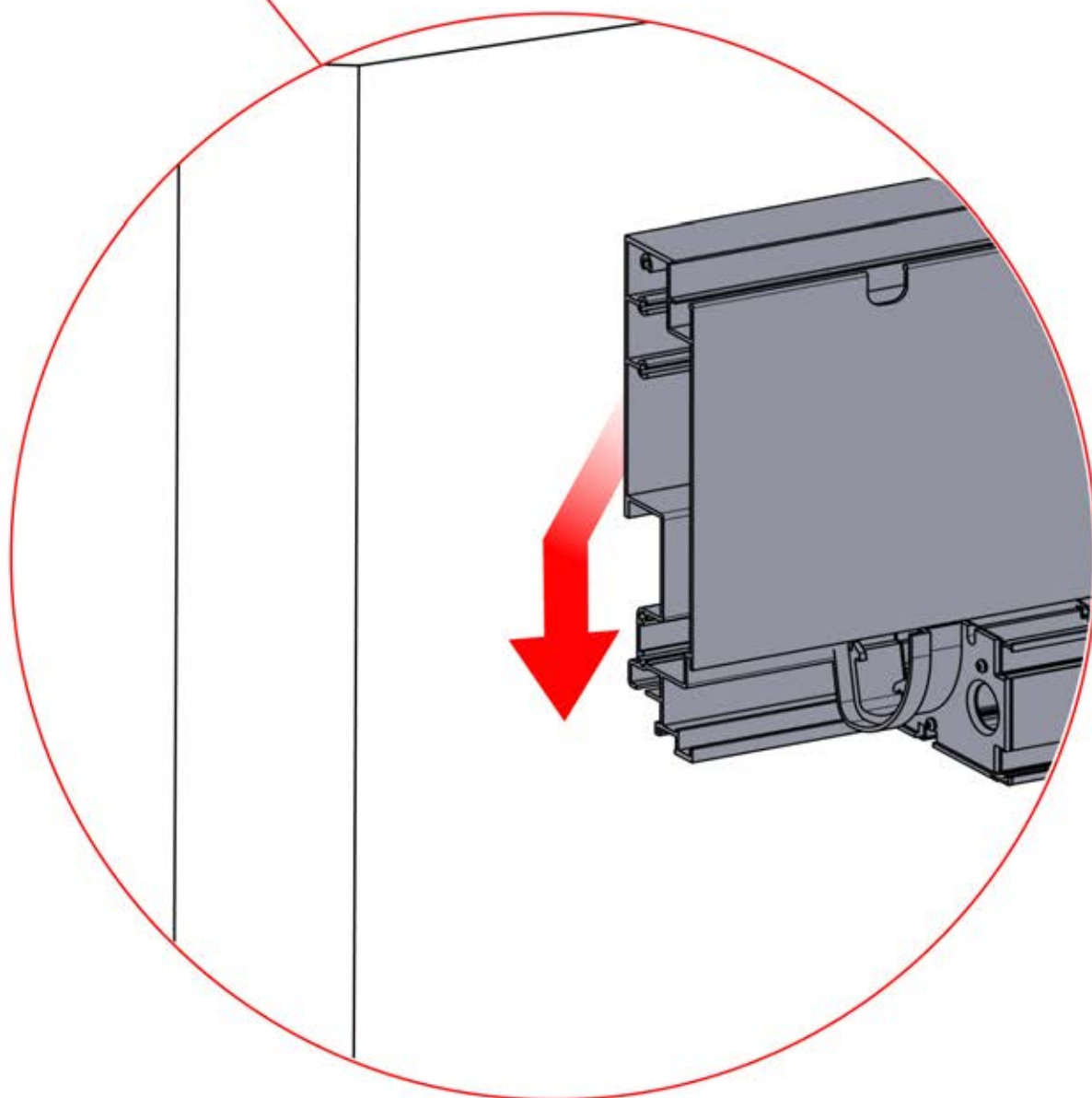
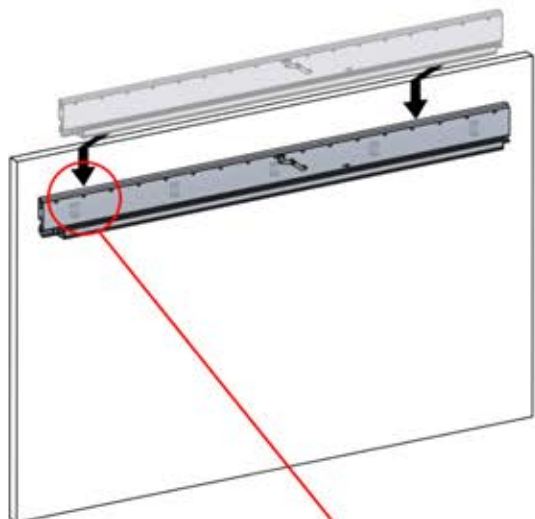
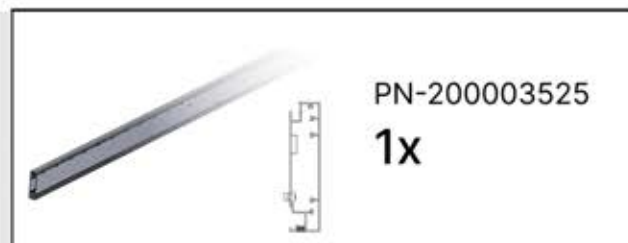
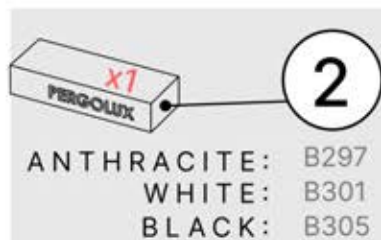
4500mm



2371 mm
93 3/8"



05

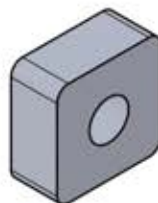


06



2

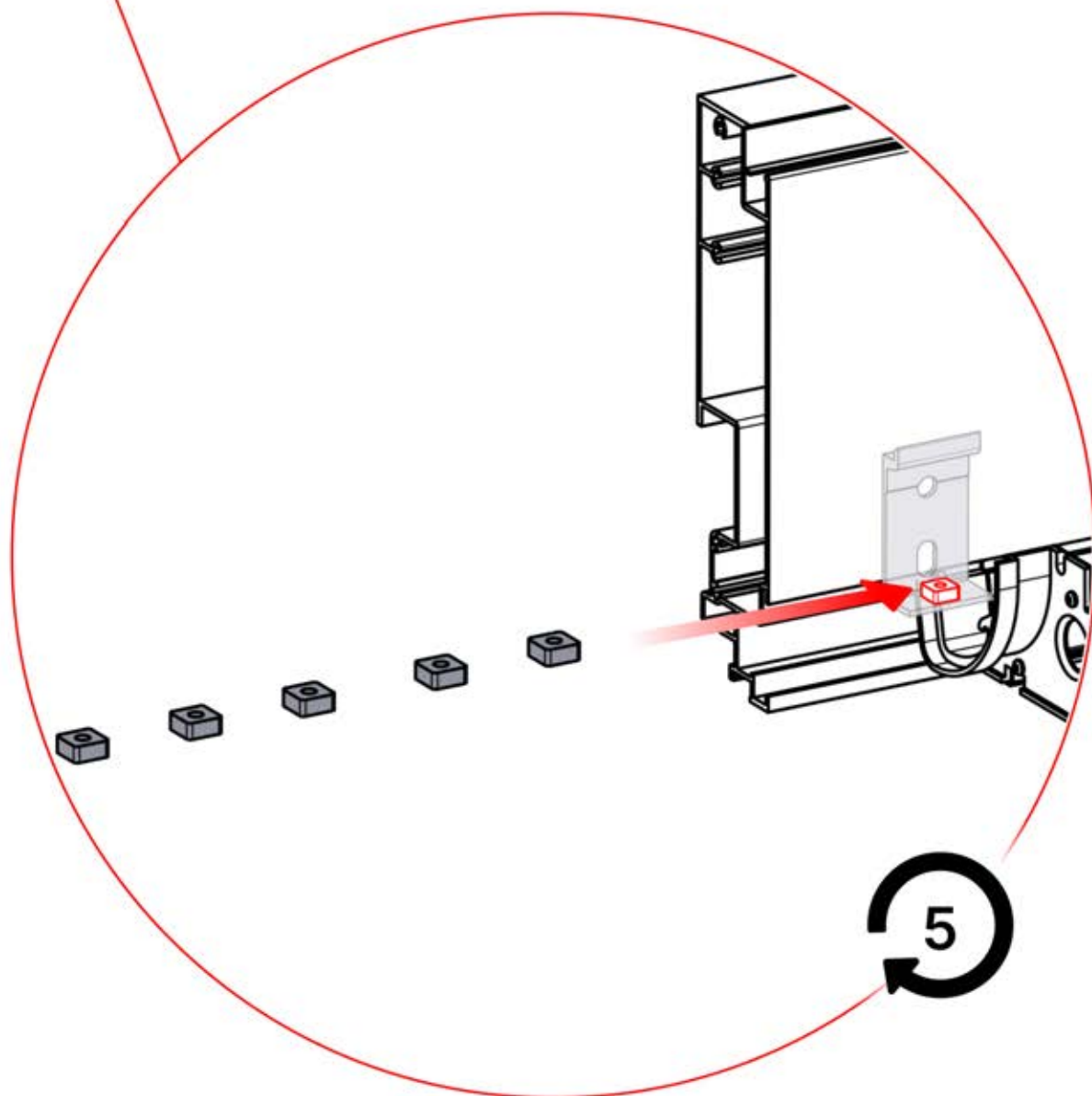
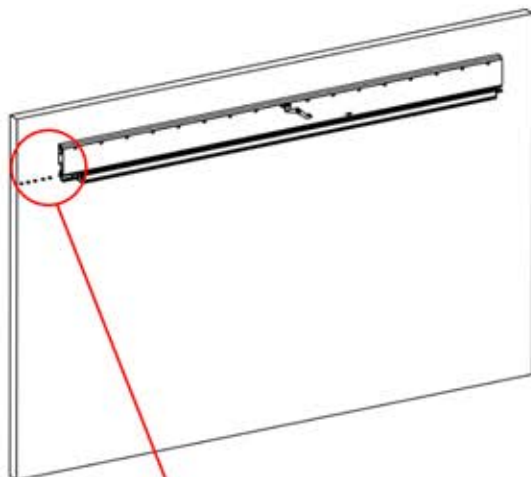
ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200002290

5x

PN-20000
3752



07

x1
PERGOLUX

2

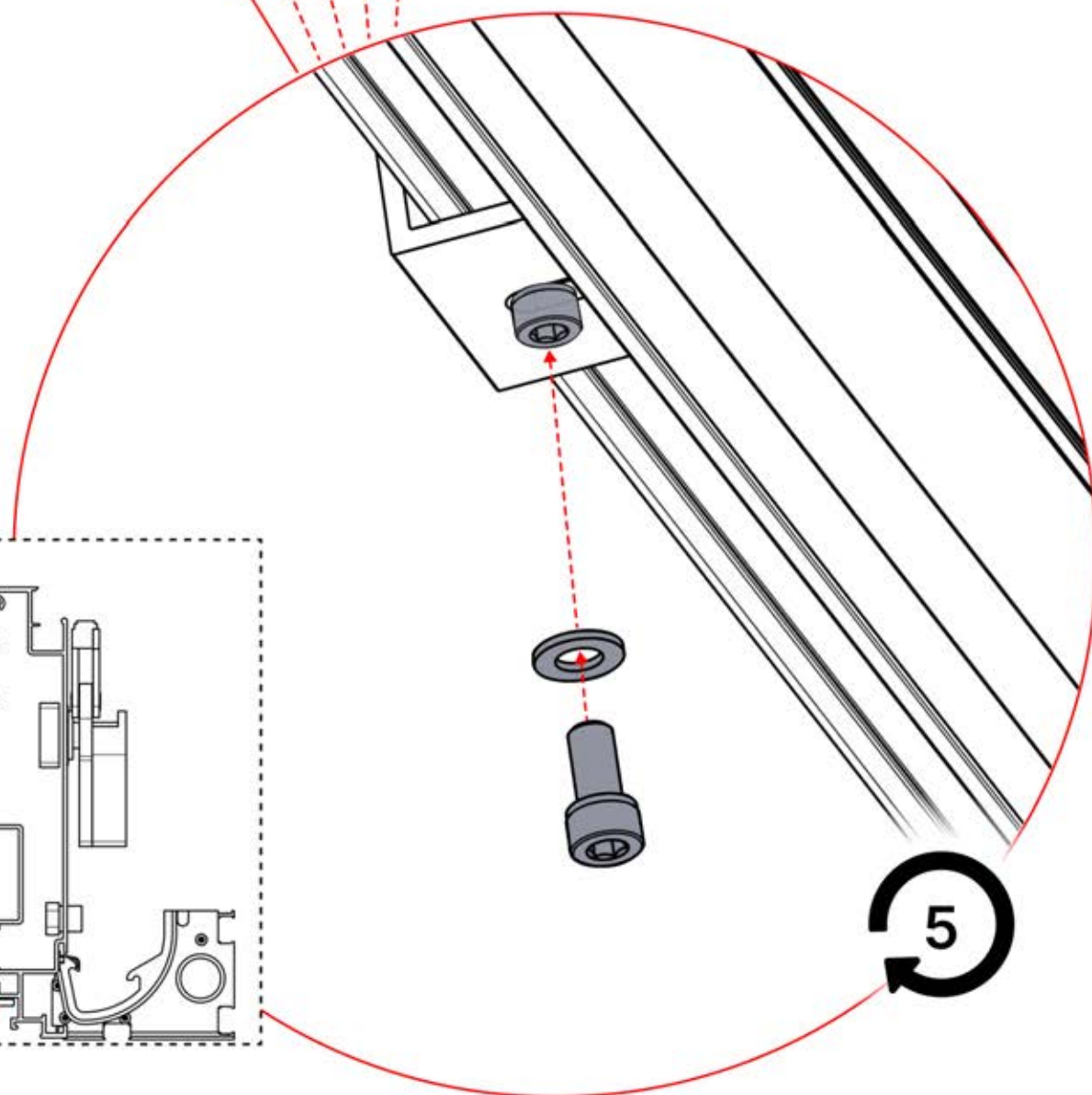
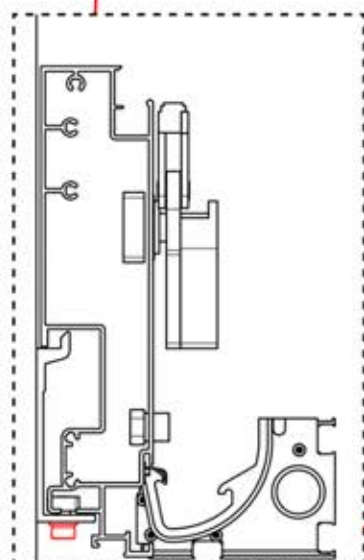
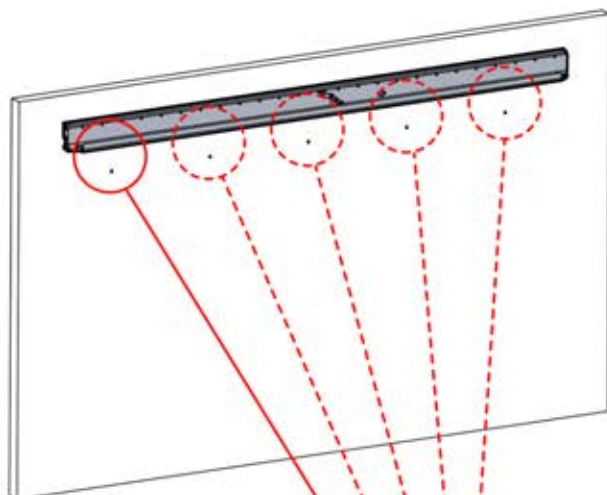
ANTHRACITE: B297
WHITE: B301
BLACK: B305

PN-200002292
5x

PN-200002319
5x

PN-20000
3752

Zip Bag



08



3

ANTHRACITE: B313
WHITE: B315
BLACK: B317



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200003528
2x

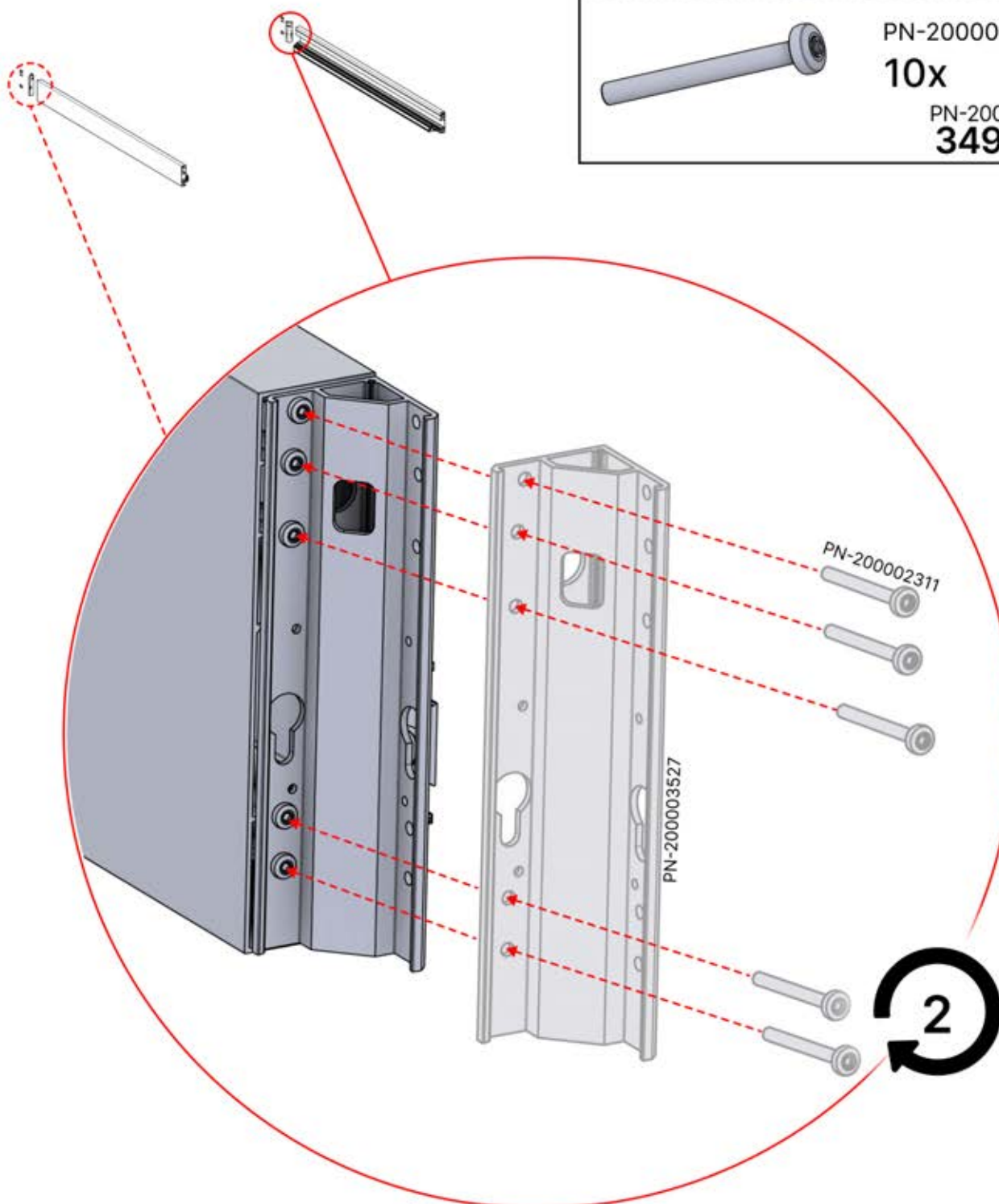


PN-200002371
2x



PN-200002311
10x

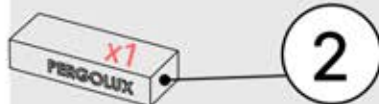
PN-200003495 



09



ANTHRACITE: C126
WHITE: C127
BLACK: C128



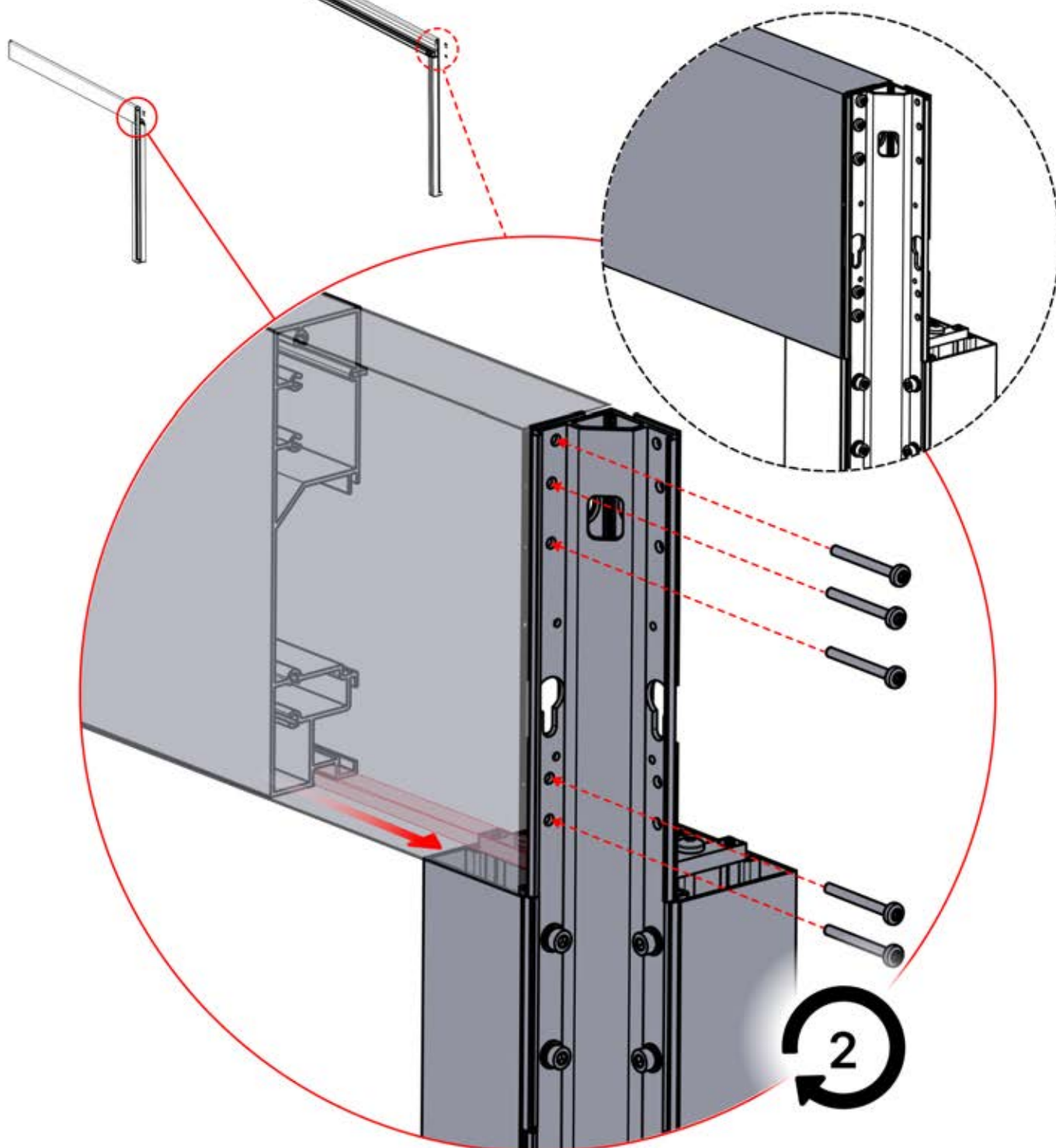
ANTHRACITE: B297
WHITE: B301
BLACK: B305



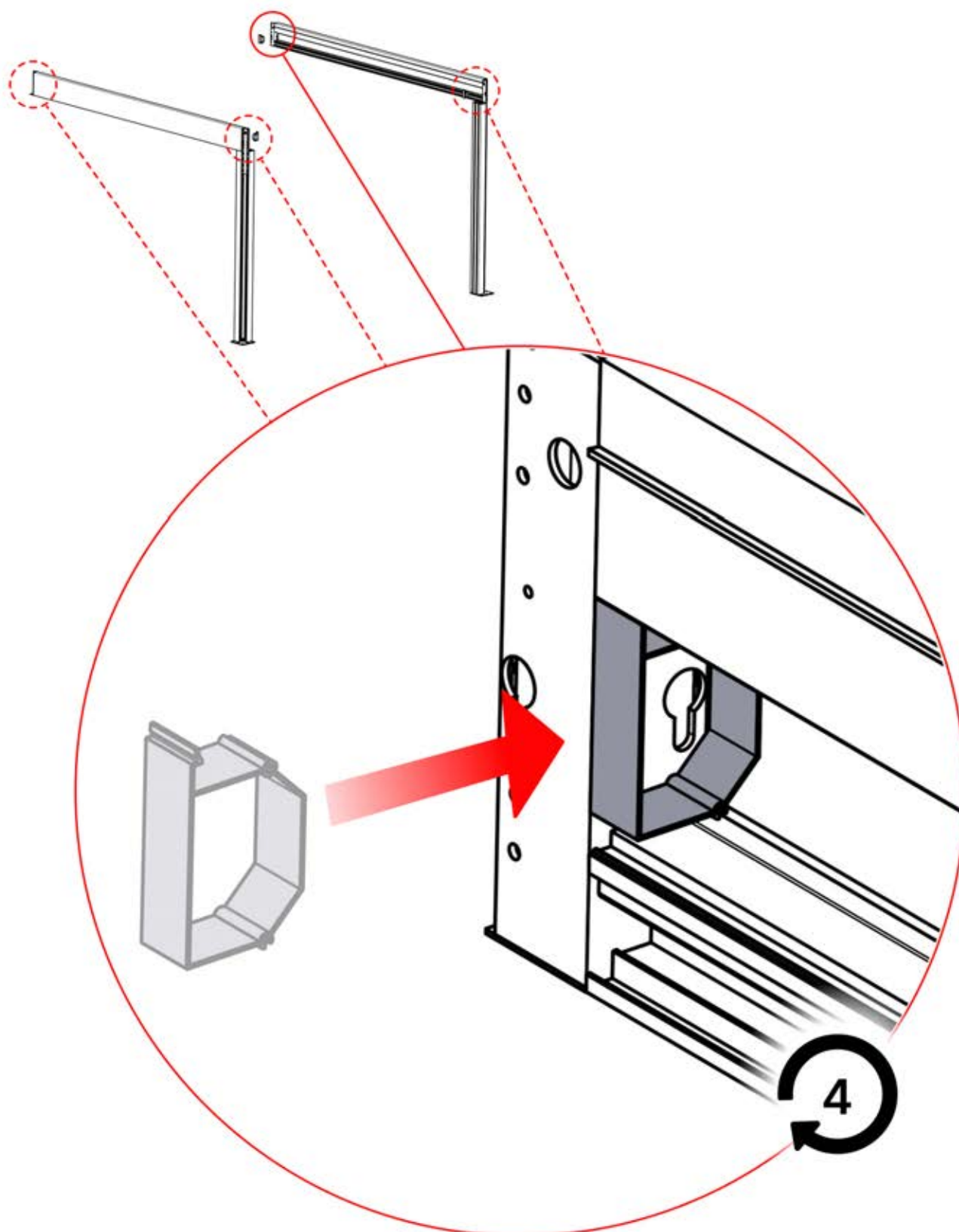
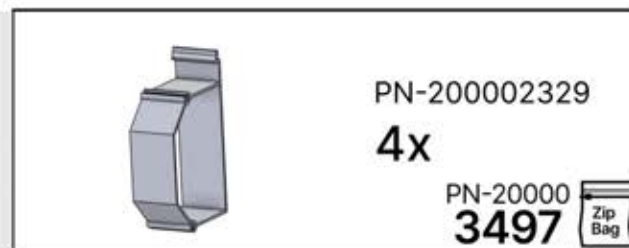
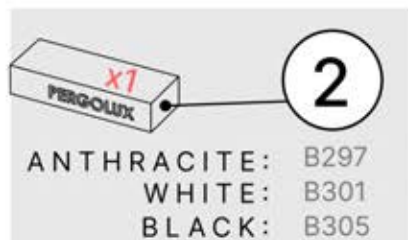
PN-200002311

10x

PN-20000
3495



10



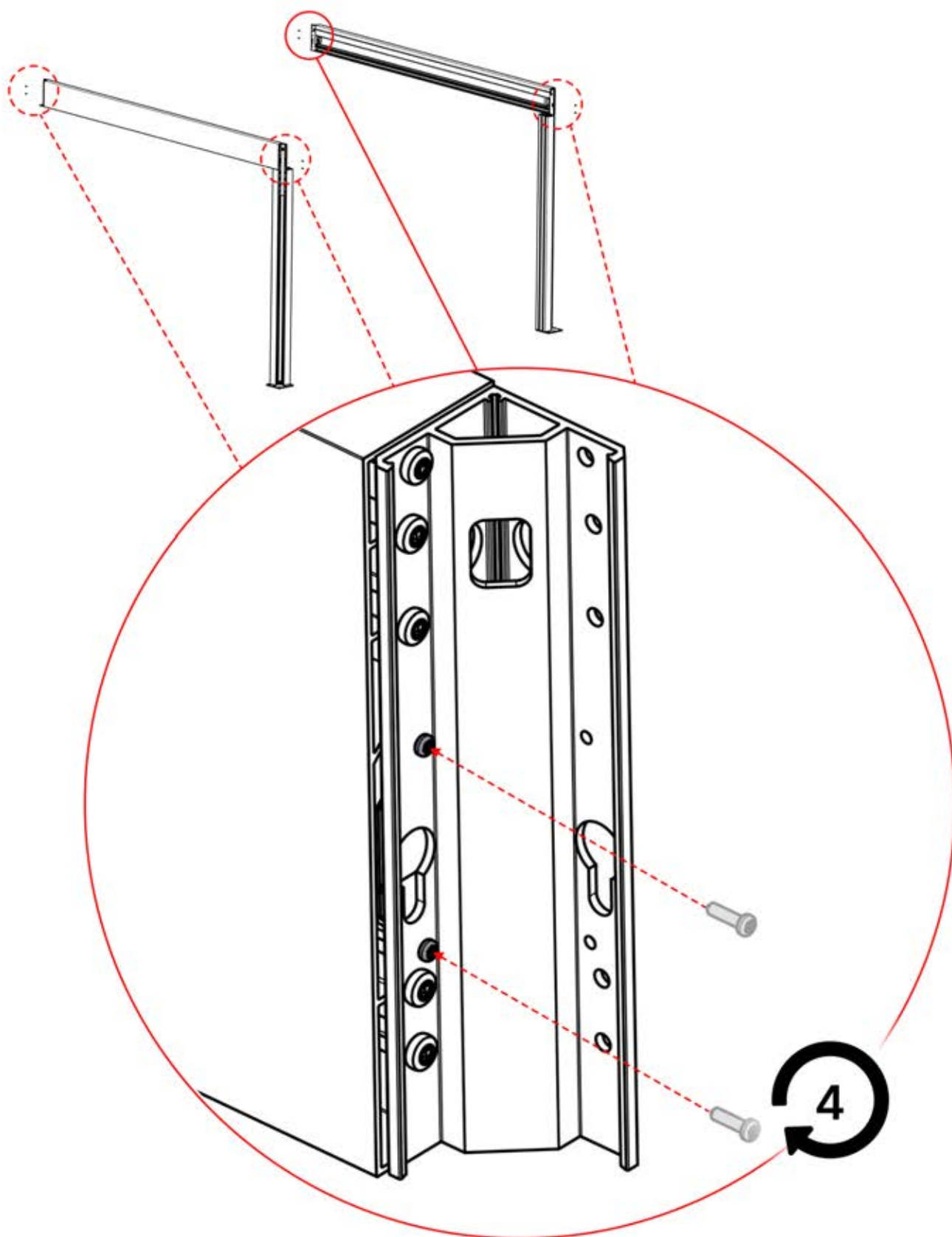
11

 **2**

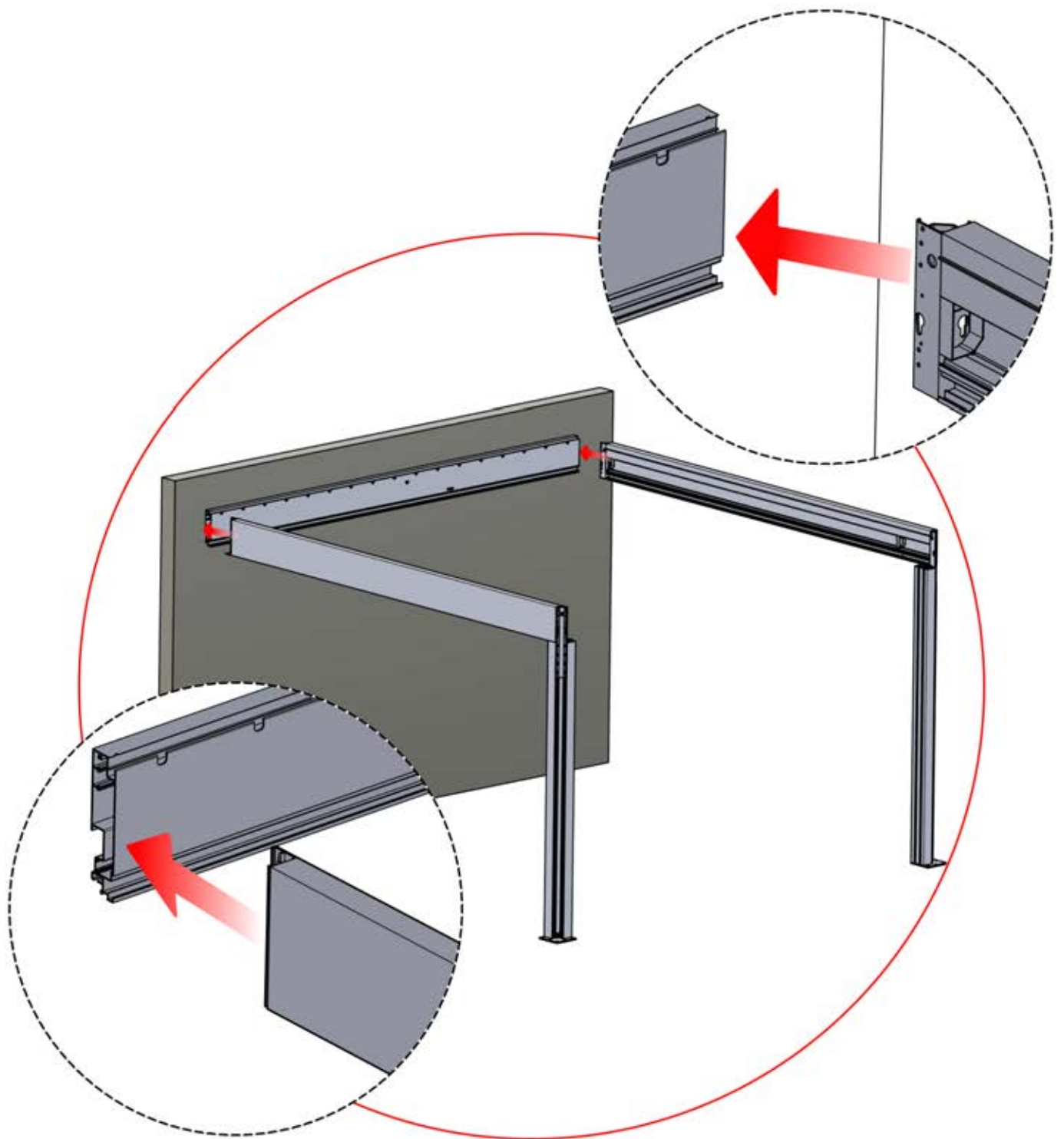
ANTHRACITE: B297
WHITE: B301
BLACK: B305



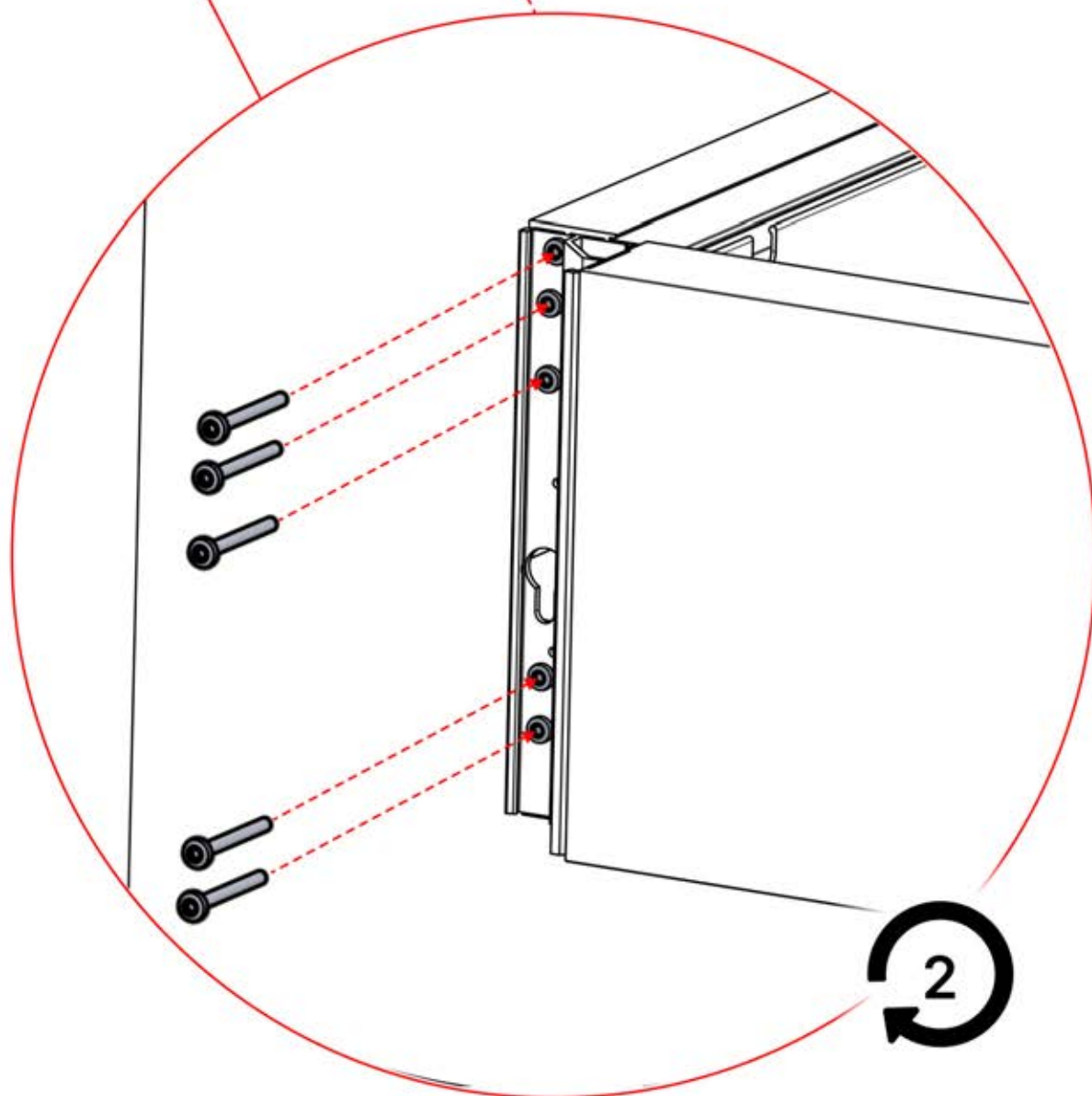
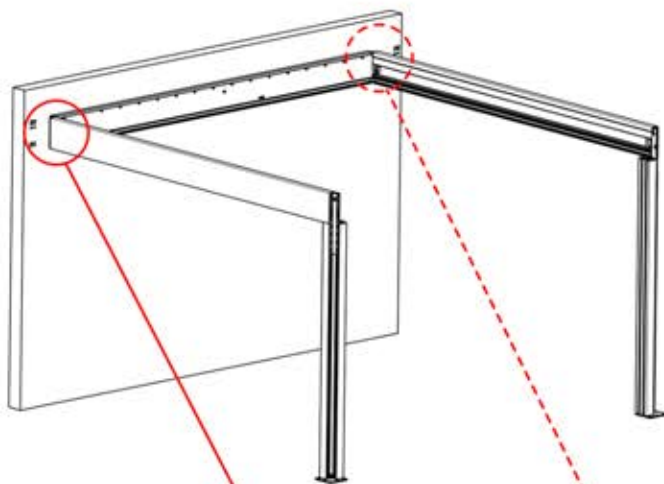
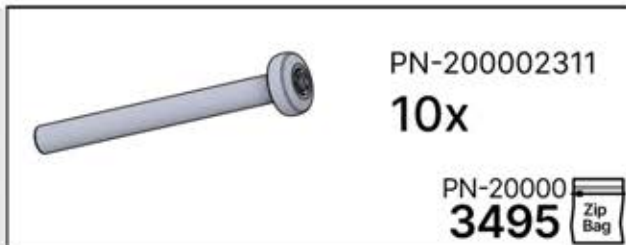
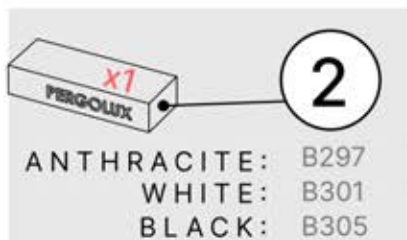
PN-200000852
8x
PN-20000
3497 



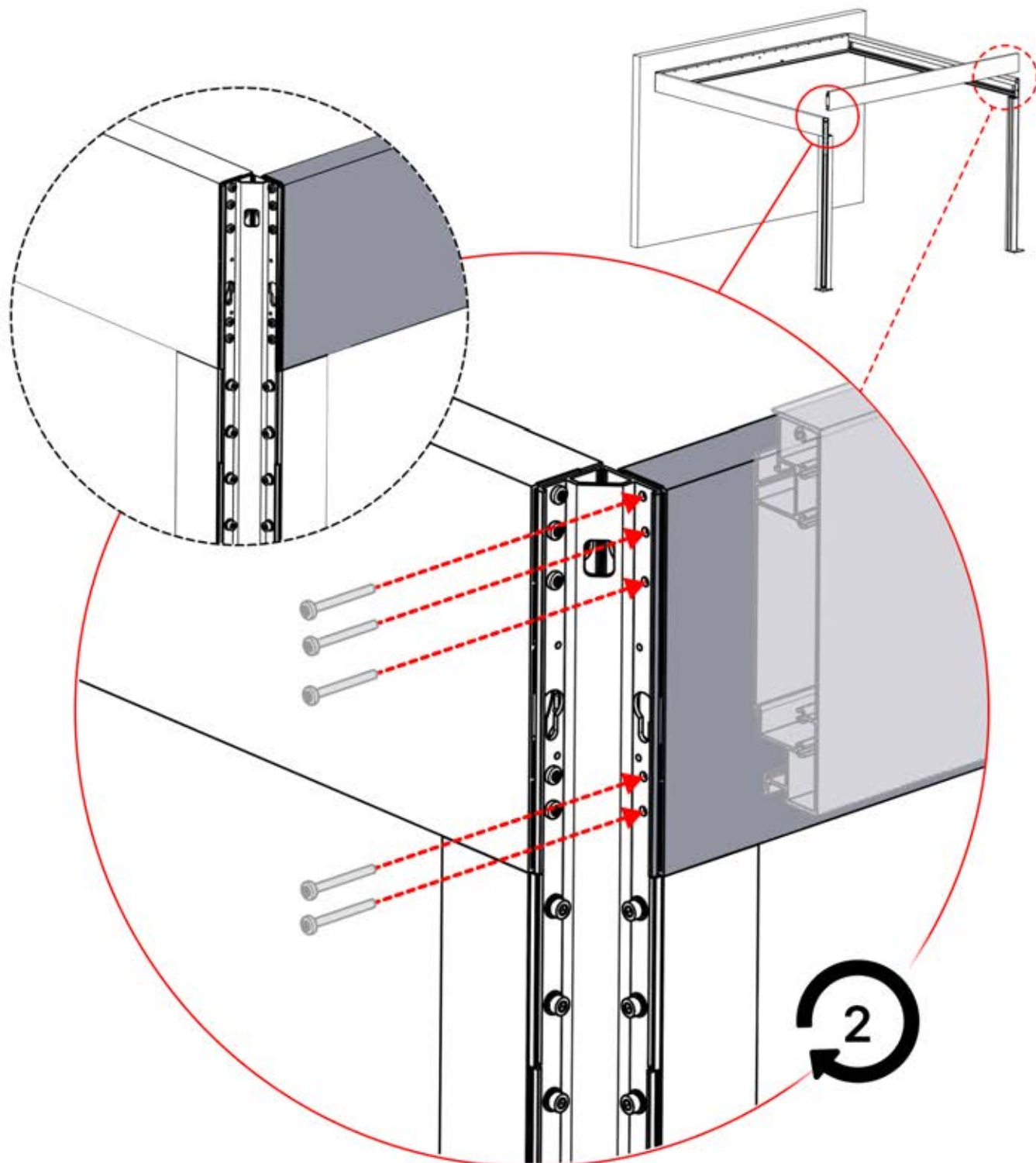
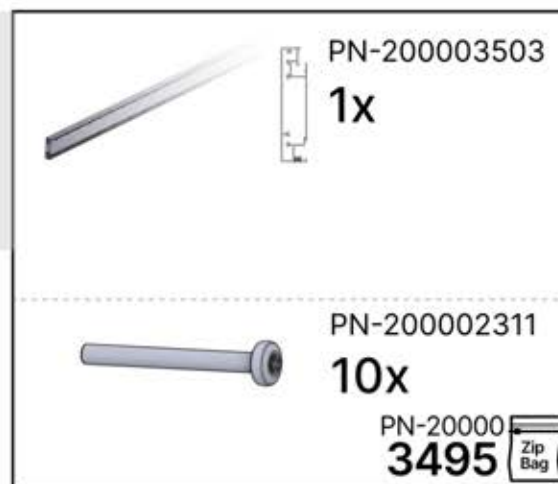
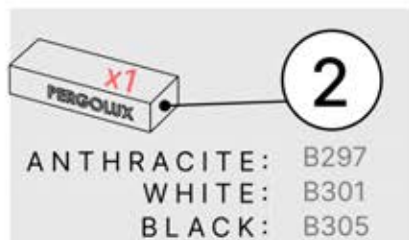
12



13



14



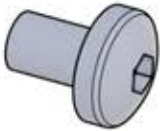
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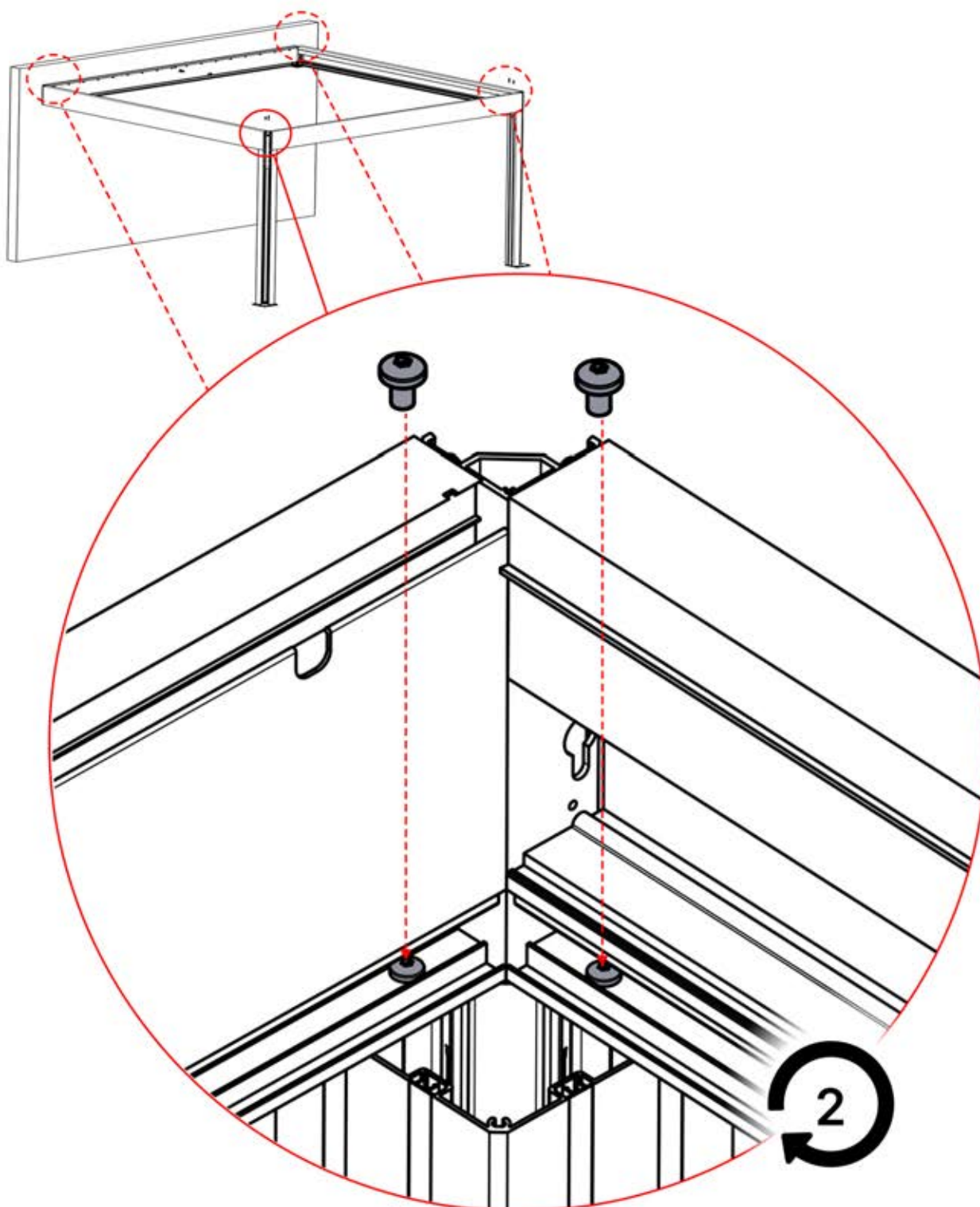
x7

ANTHRACITE: B297
WHITE: B301
BLACK: B305

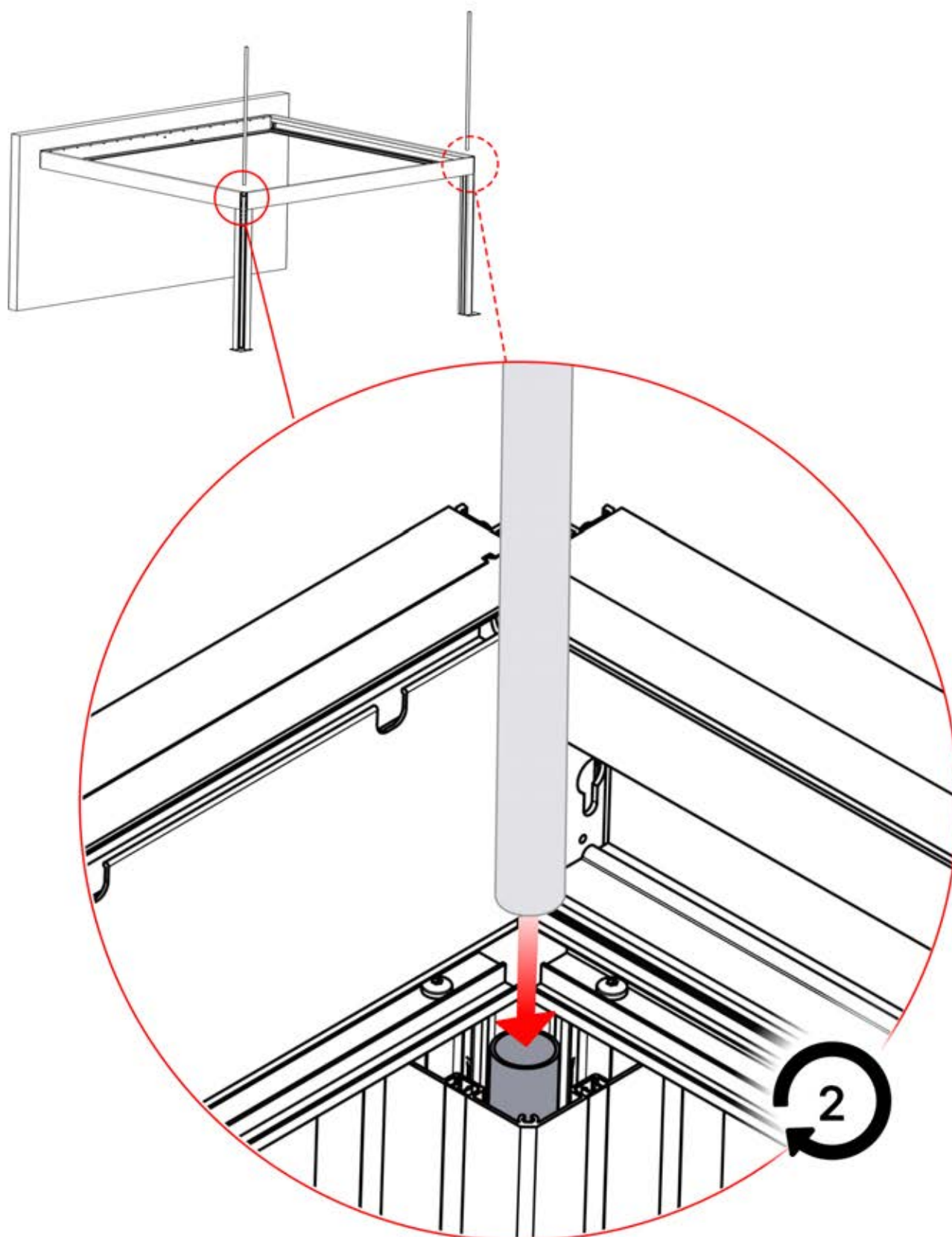
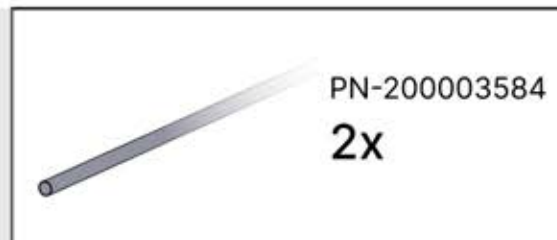
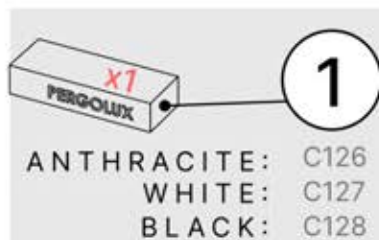
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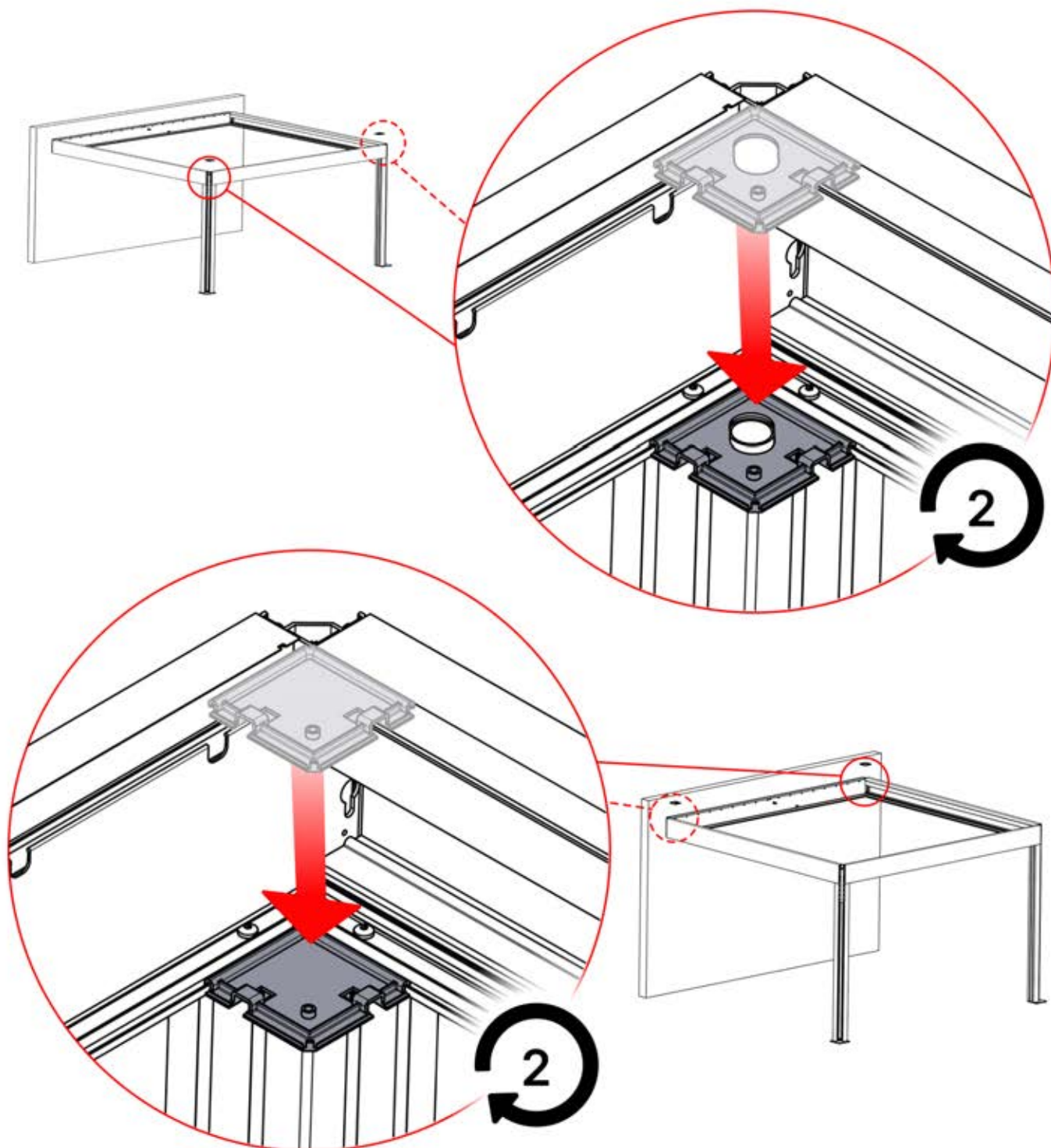
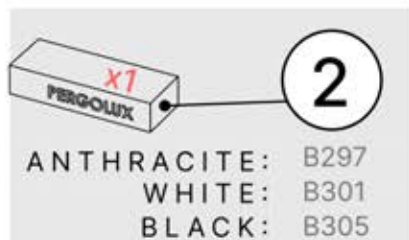
PN-200000655
4x
PN-20000
3755 



16



17



18

X1
PERGOLUX

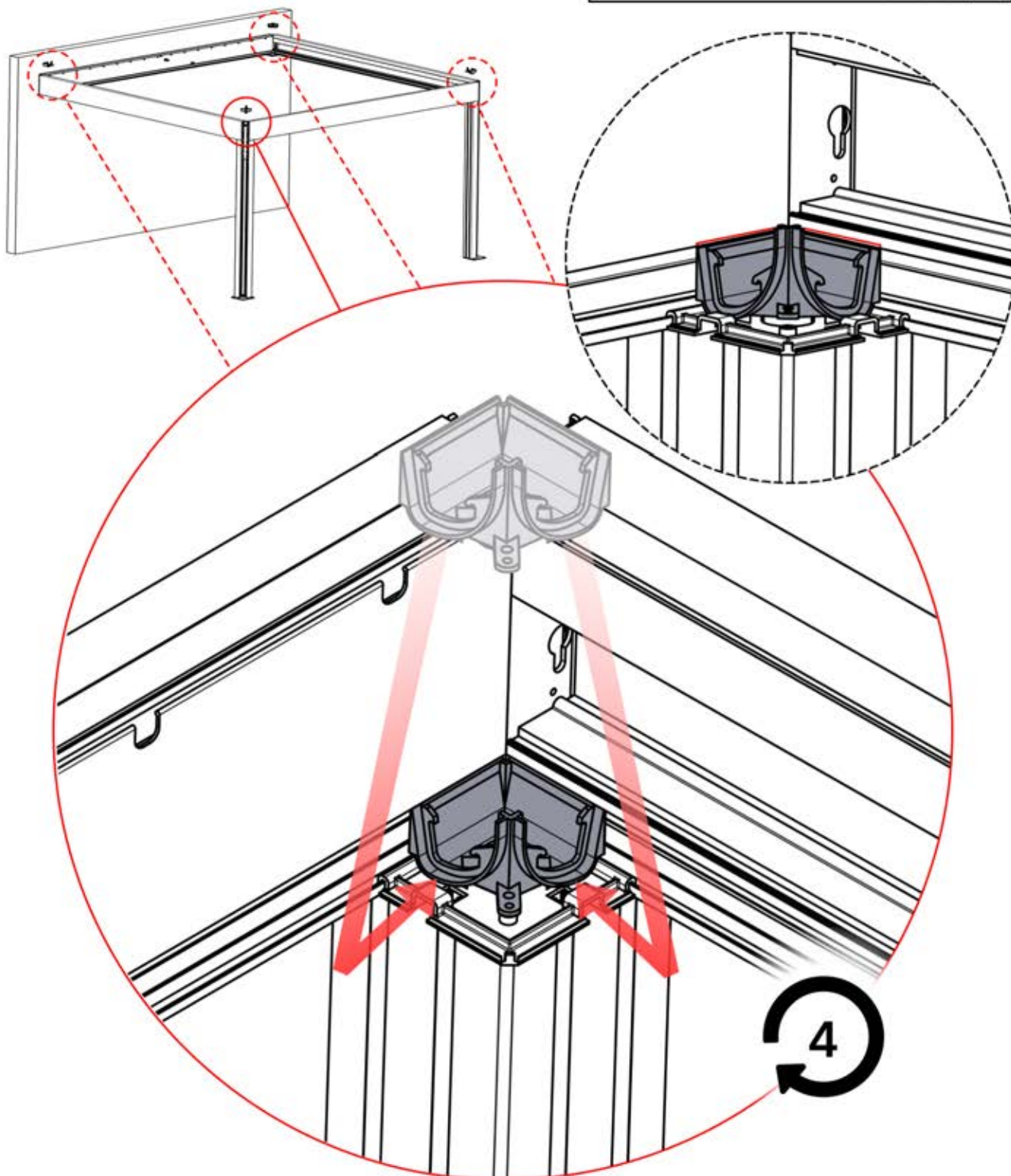
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ANTHRACITE: B297
WHITE: B301
BLACK: B305

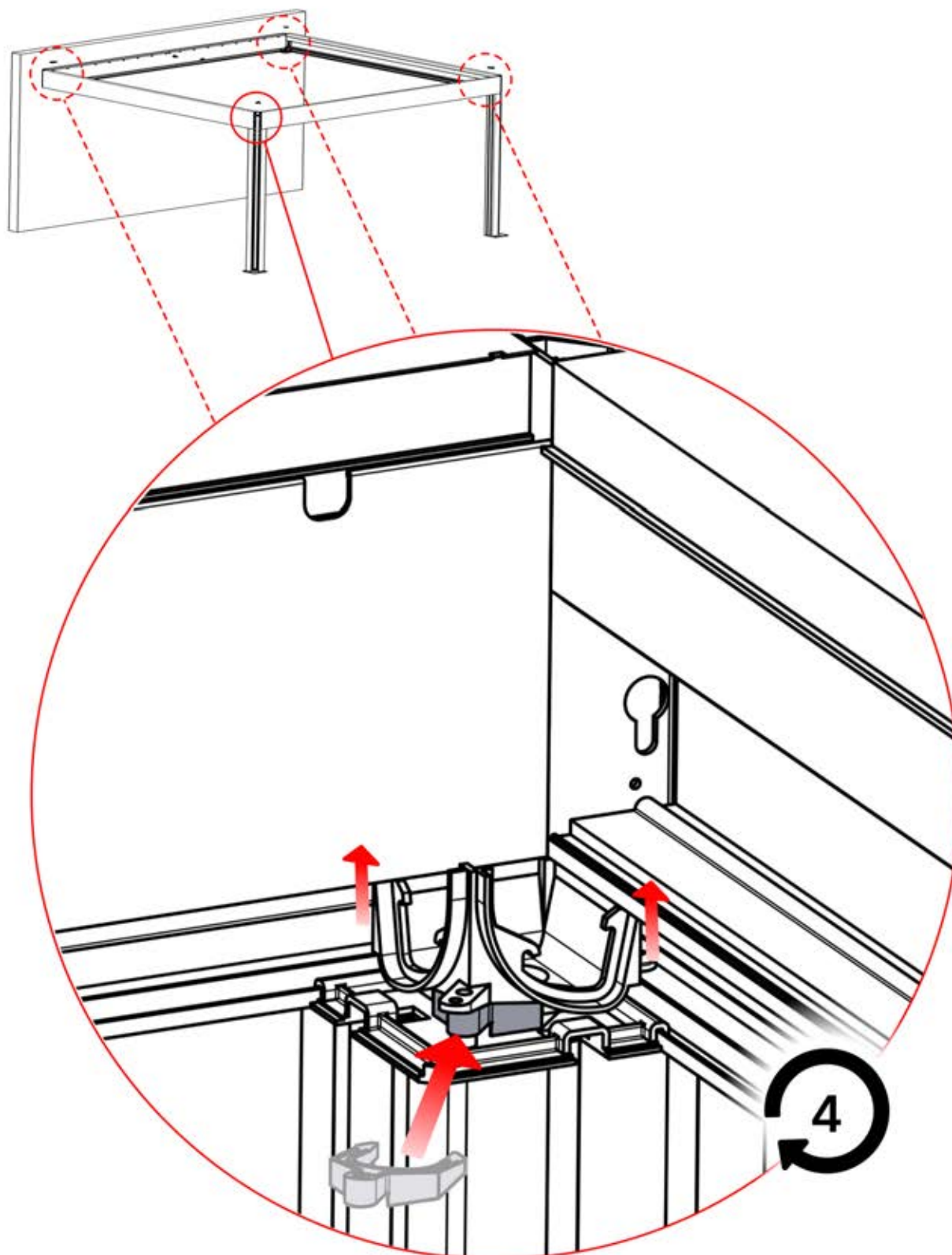
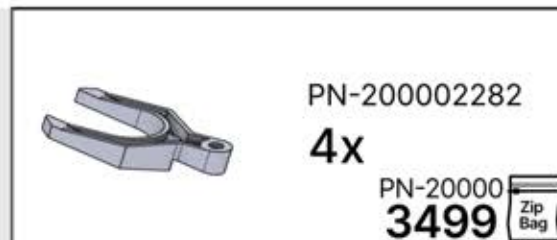
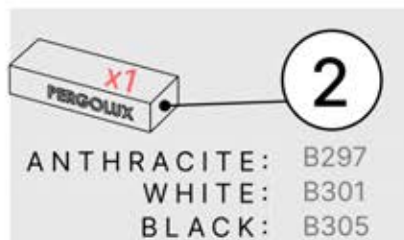
 PN-200002298
2x

 PN-200002369
2x

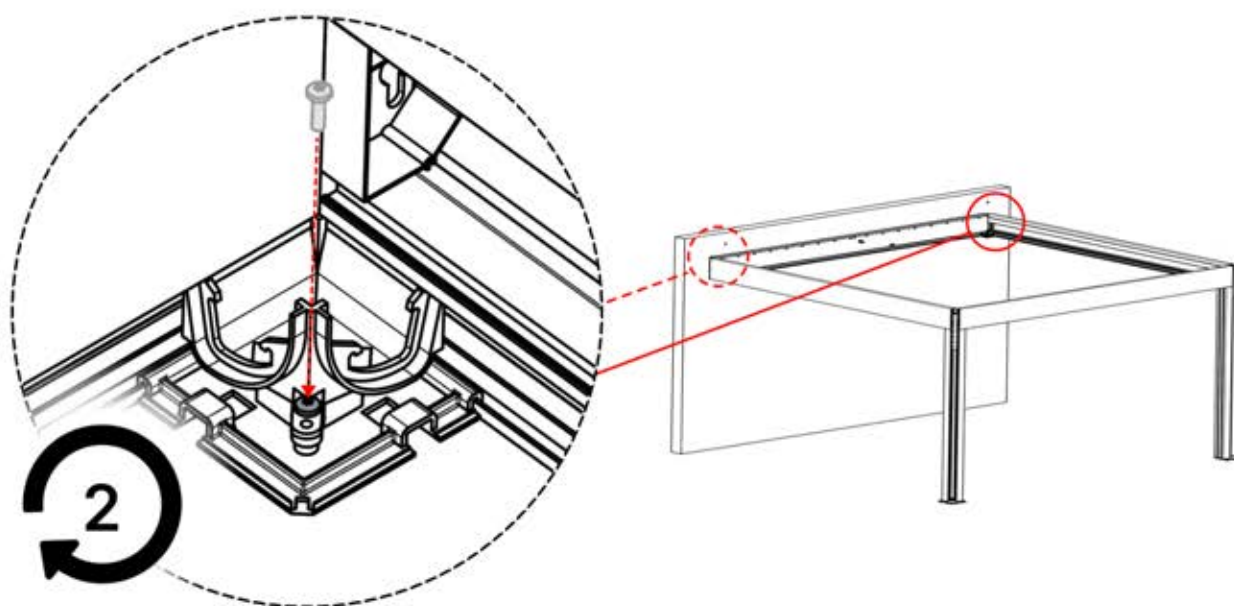
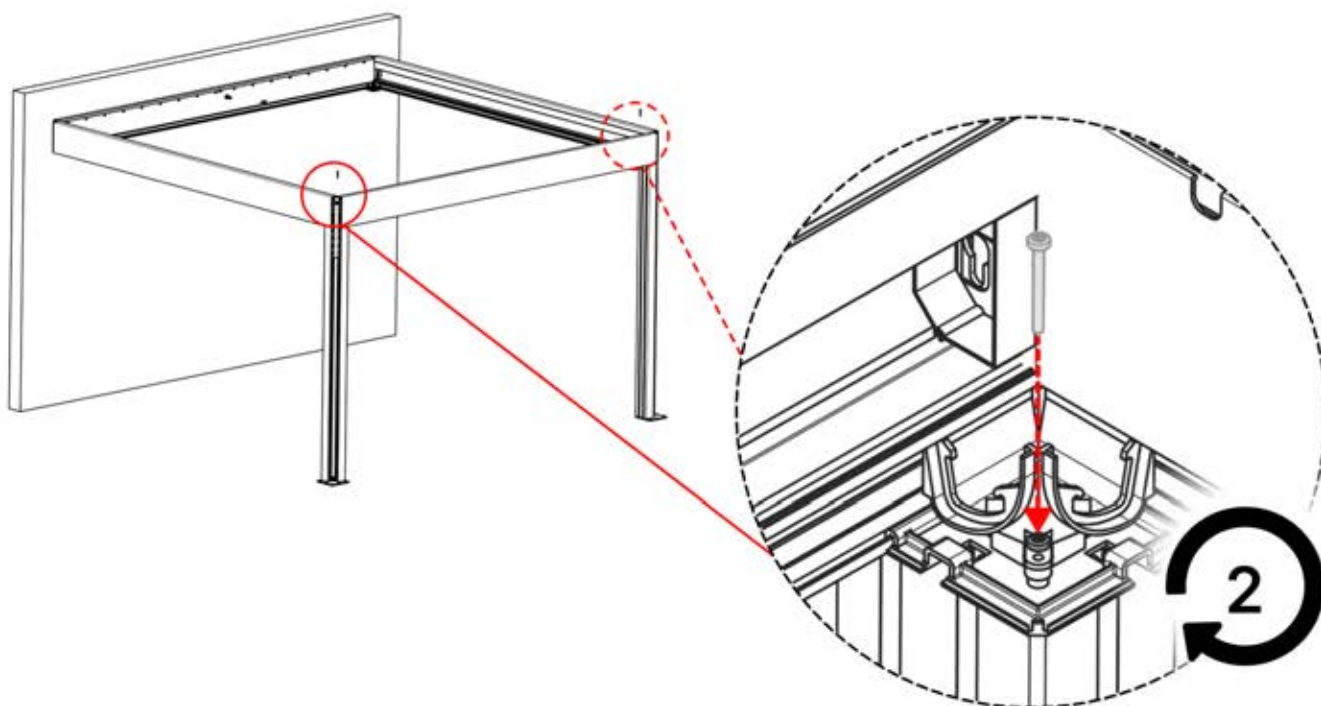
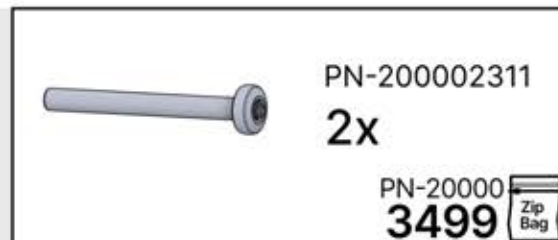
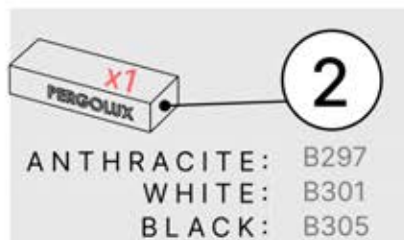
PN-20000
3499 



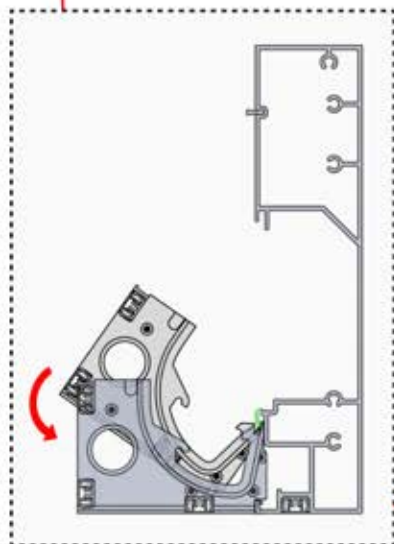
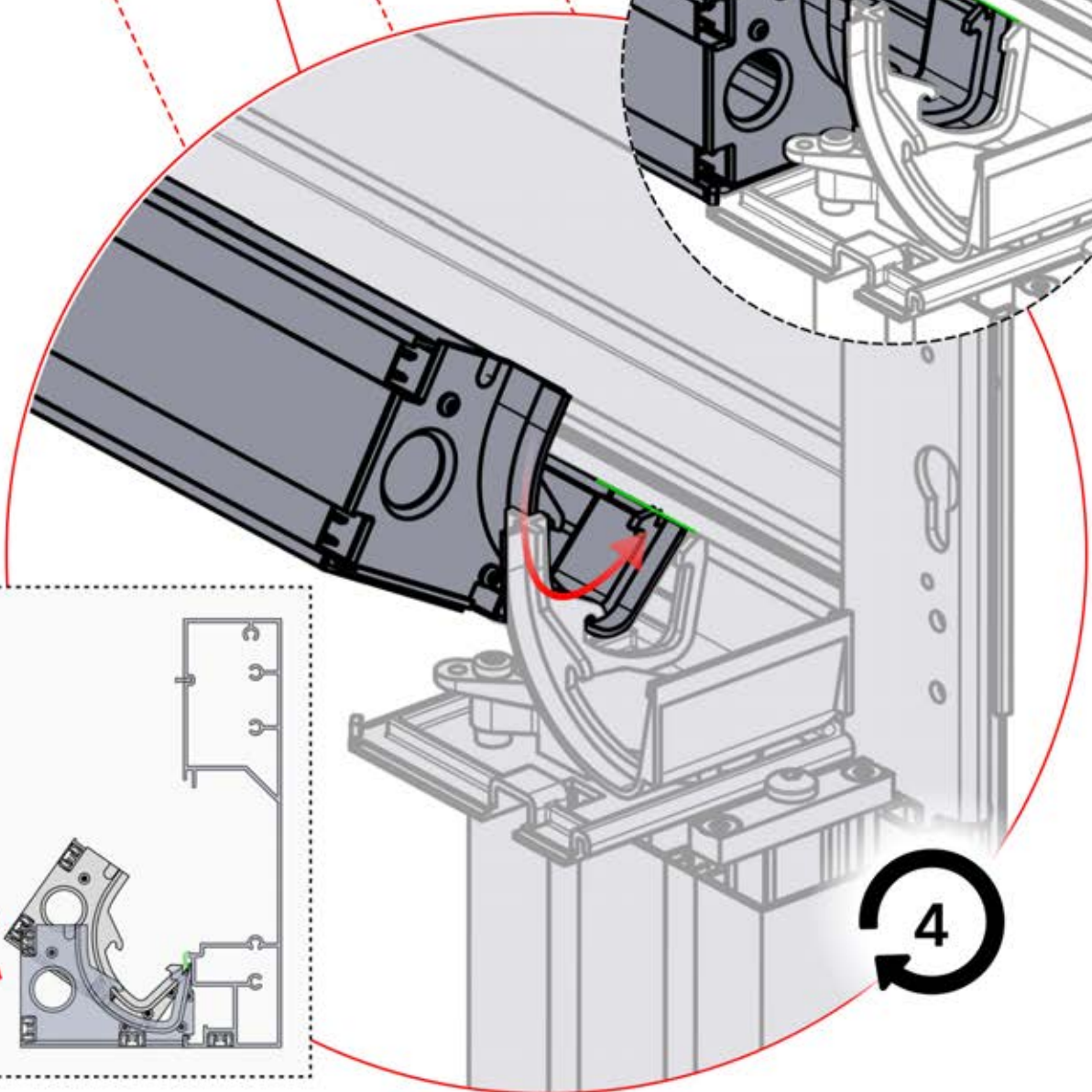
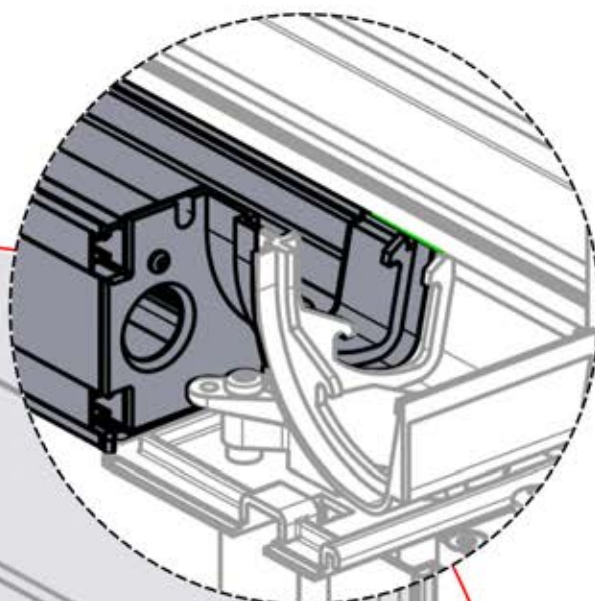
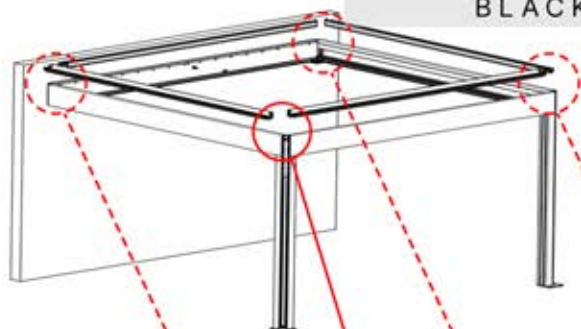
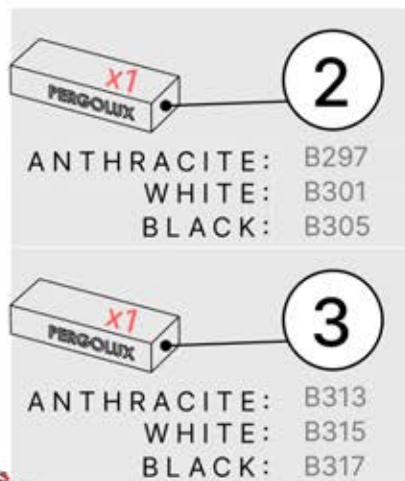
19



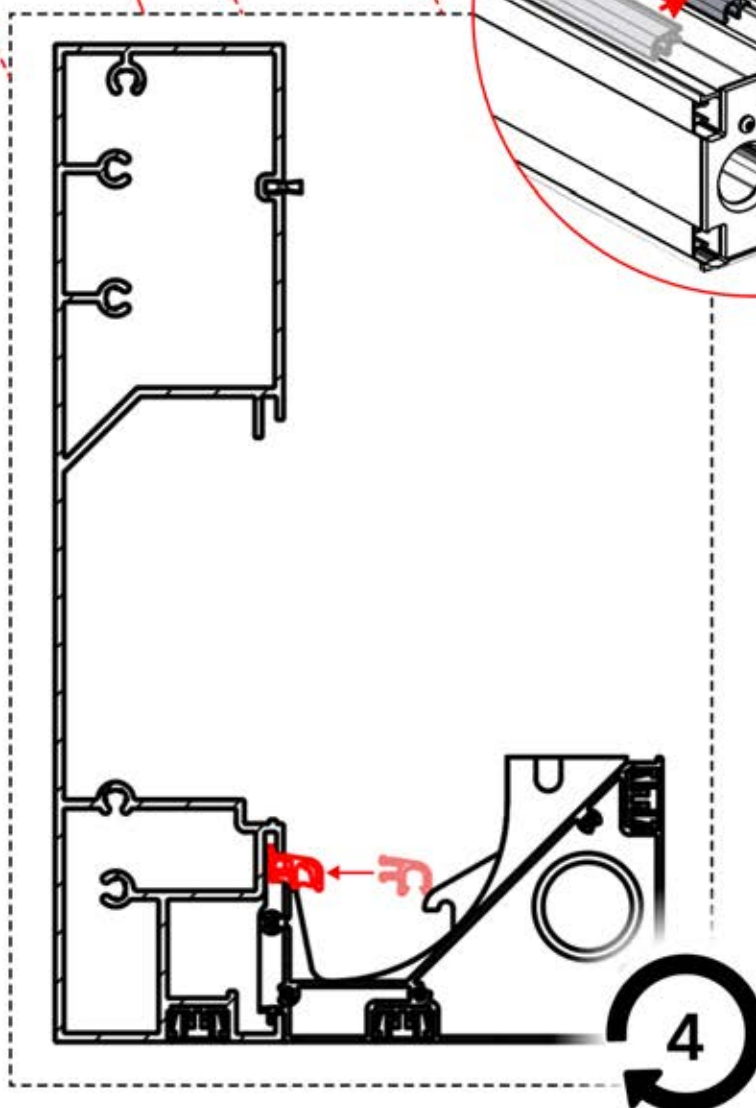
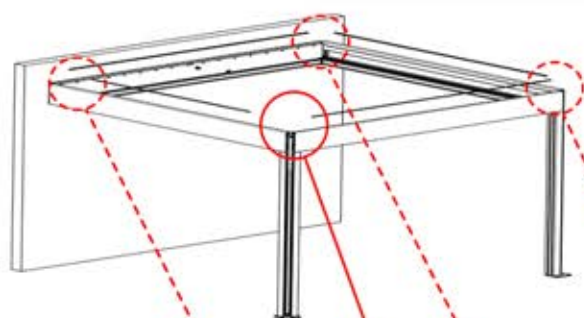
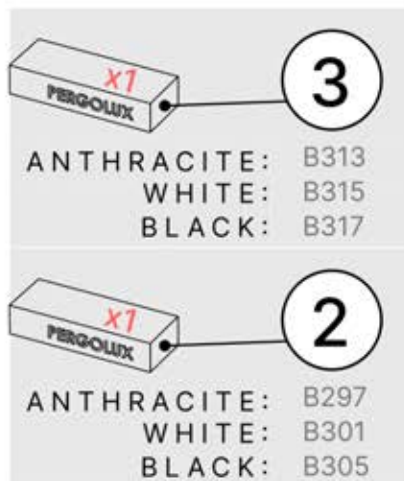
20



21



22



INFORMATION



Apply grease to
part



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200003051

8x



PN-200003049

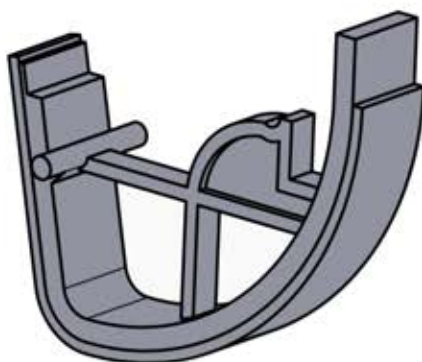
8x



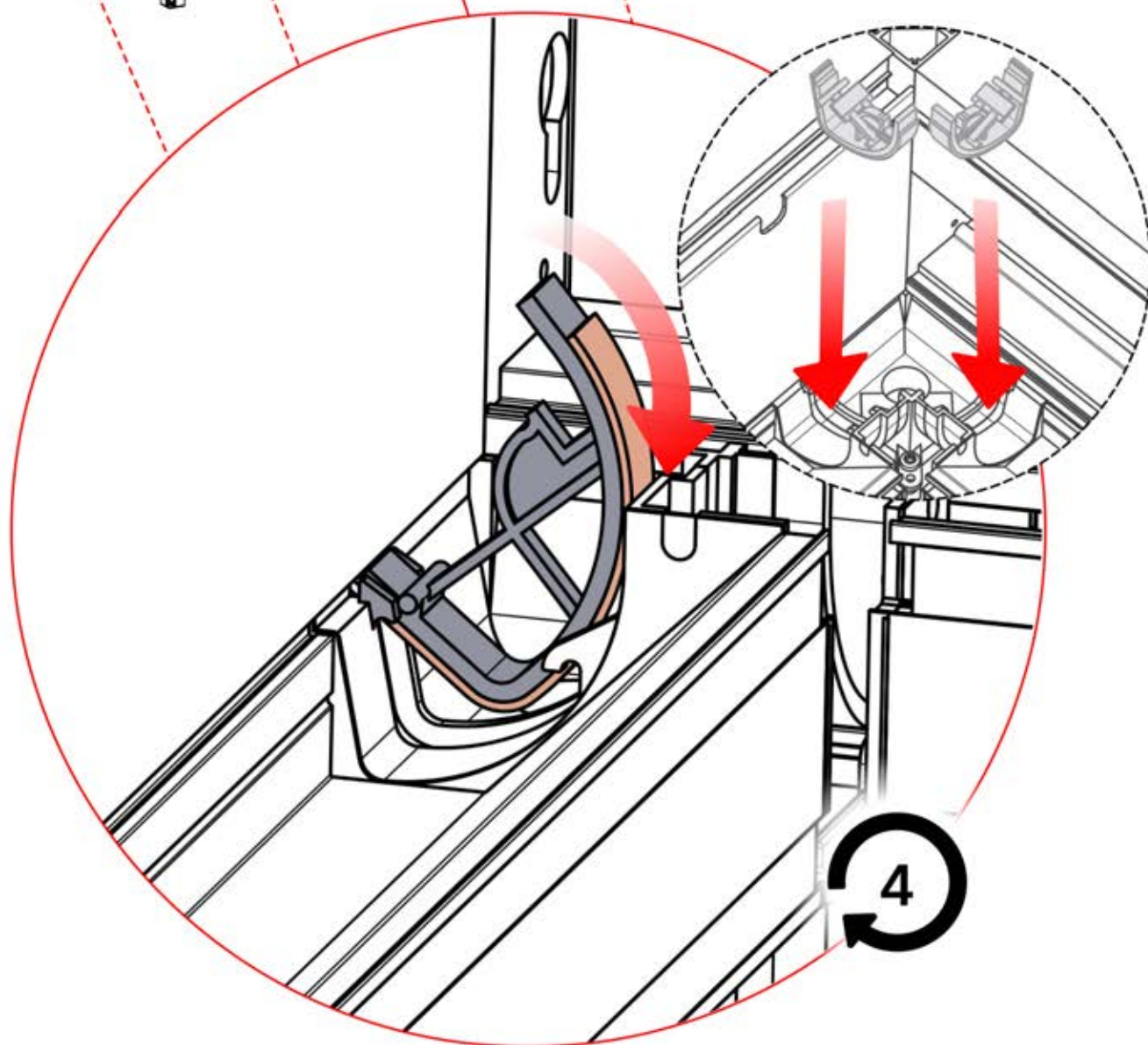
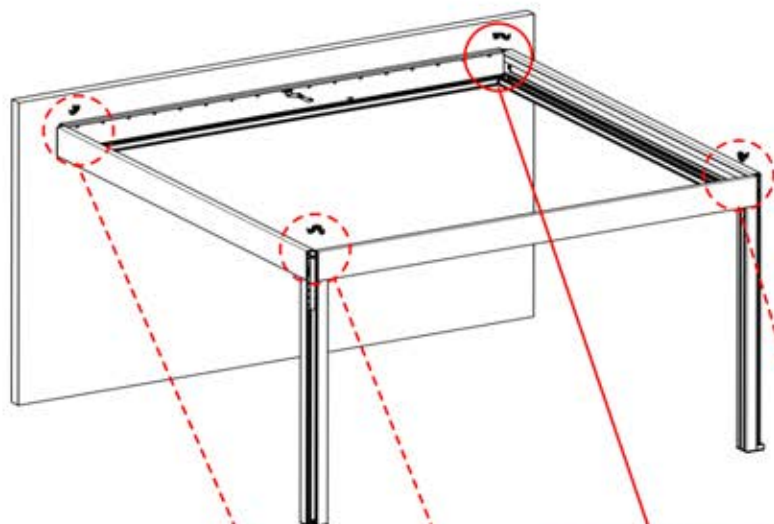
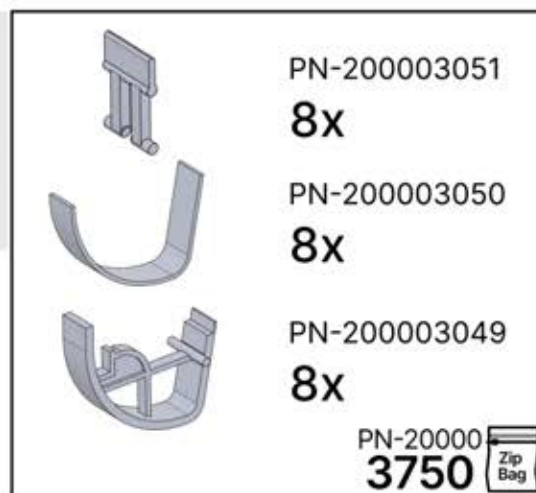
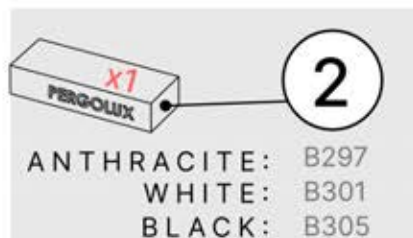
PN-200003050

8x

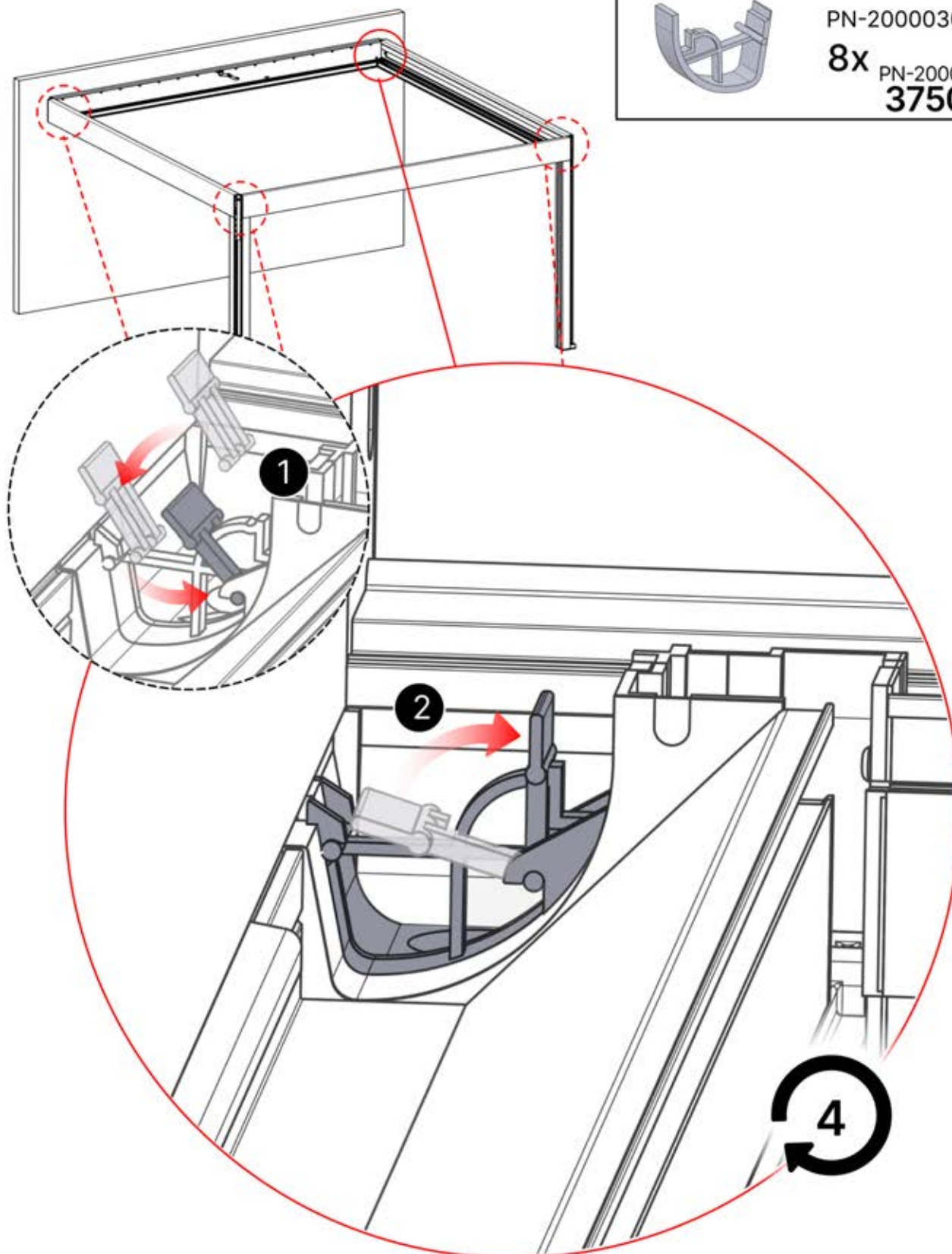
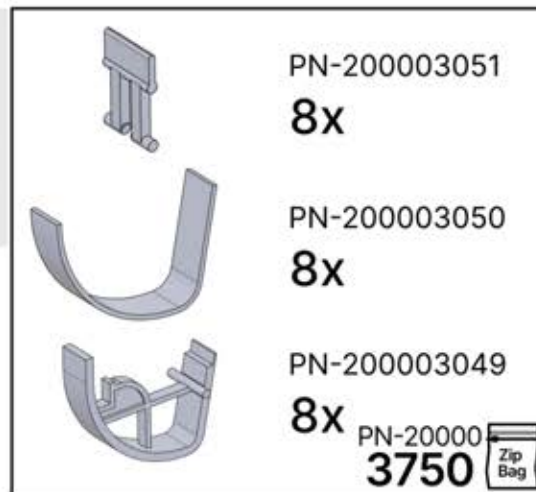
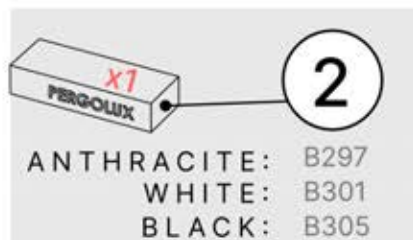
PN-20000
3750



23



24



25



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200002289

4x

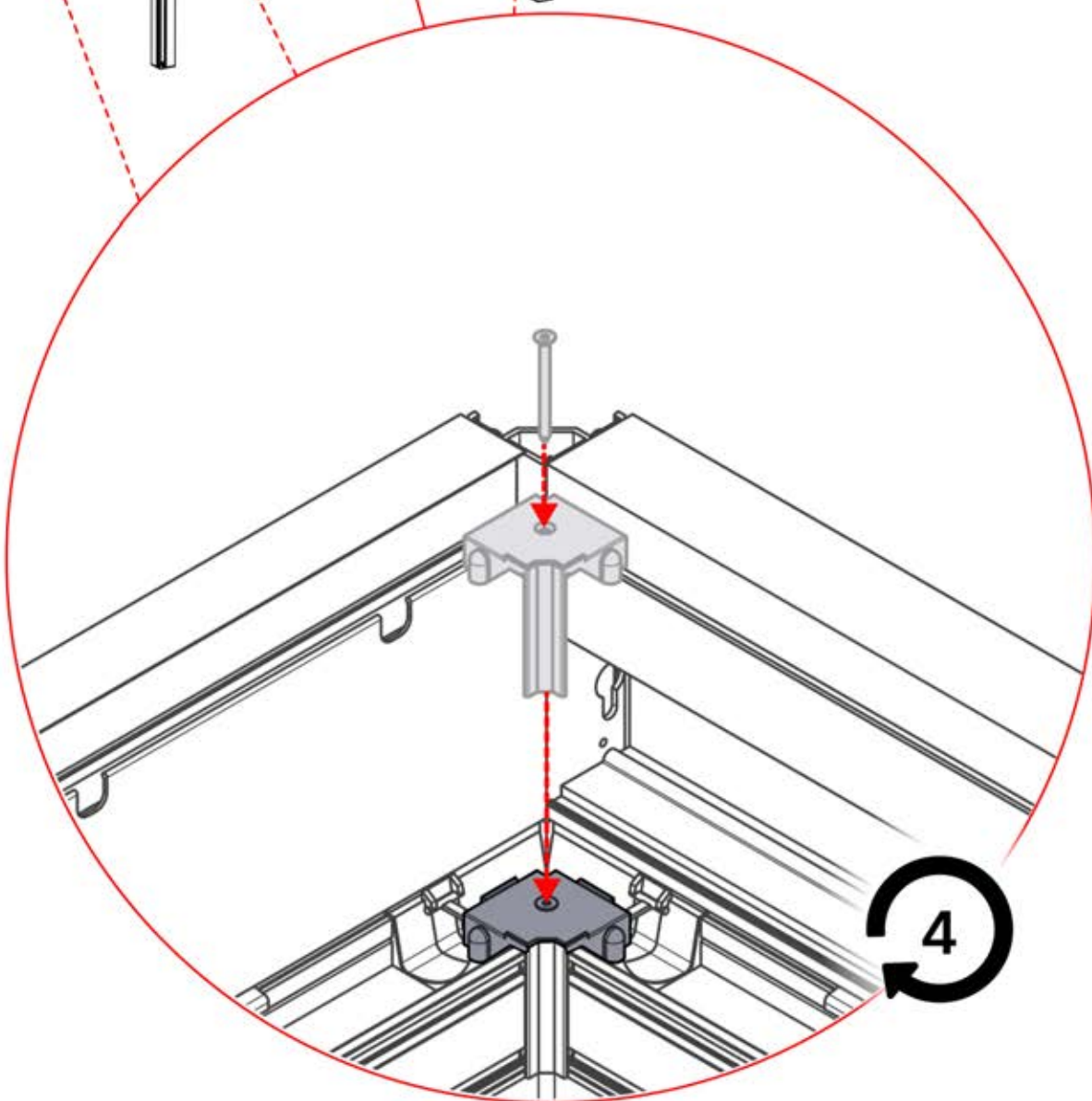
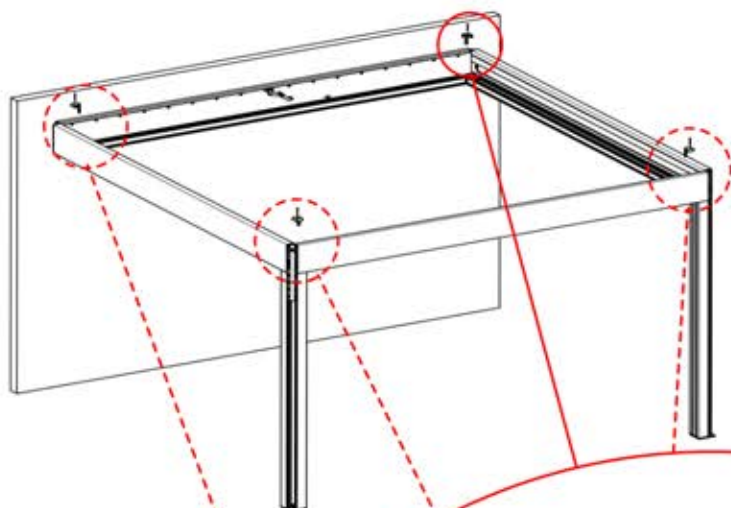
PN-20000
3496



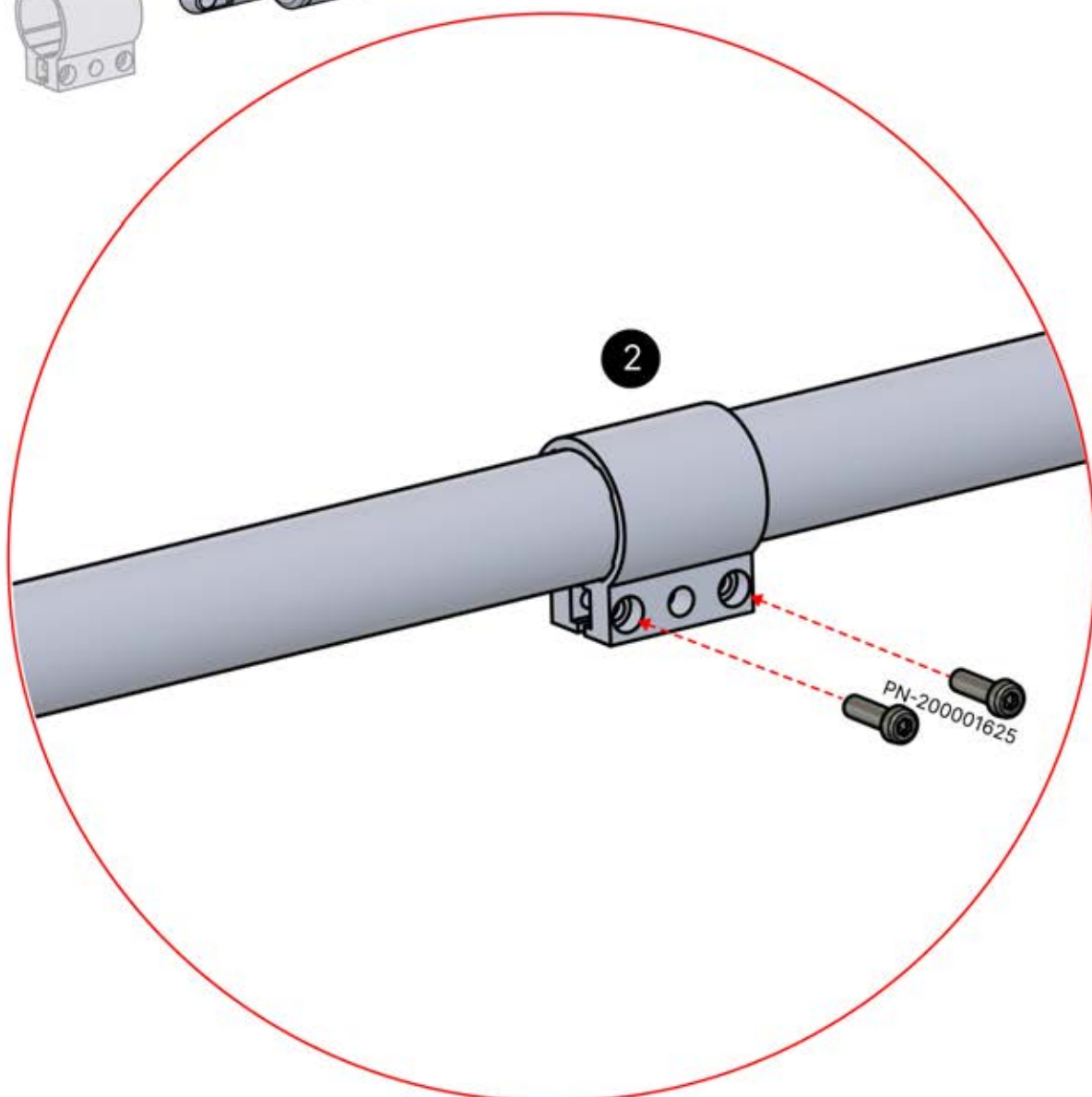
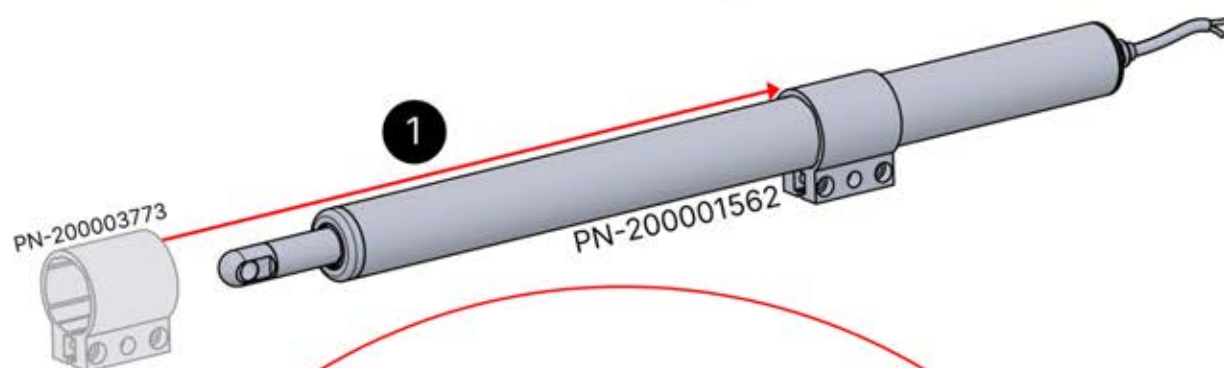
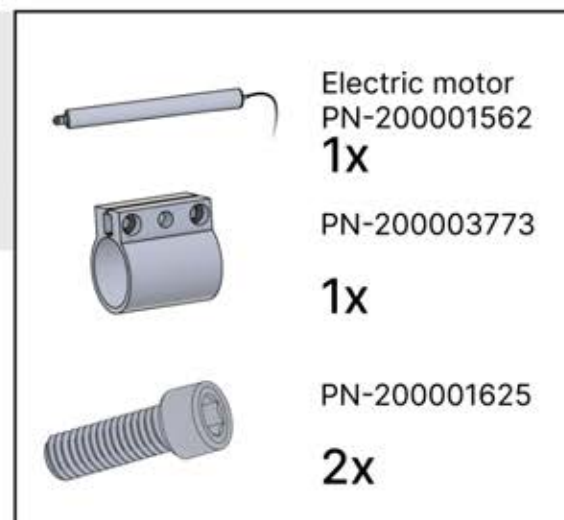
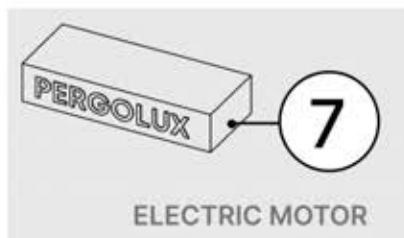
PN-200000958

4x

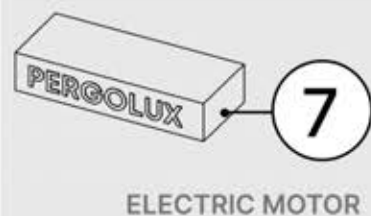
PN-20000
3756



26

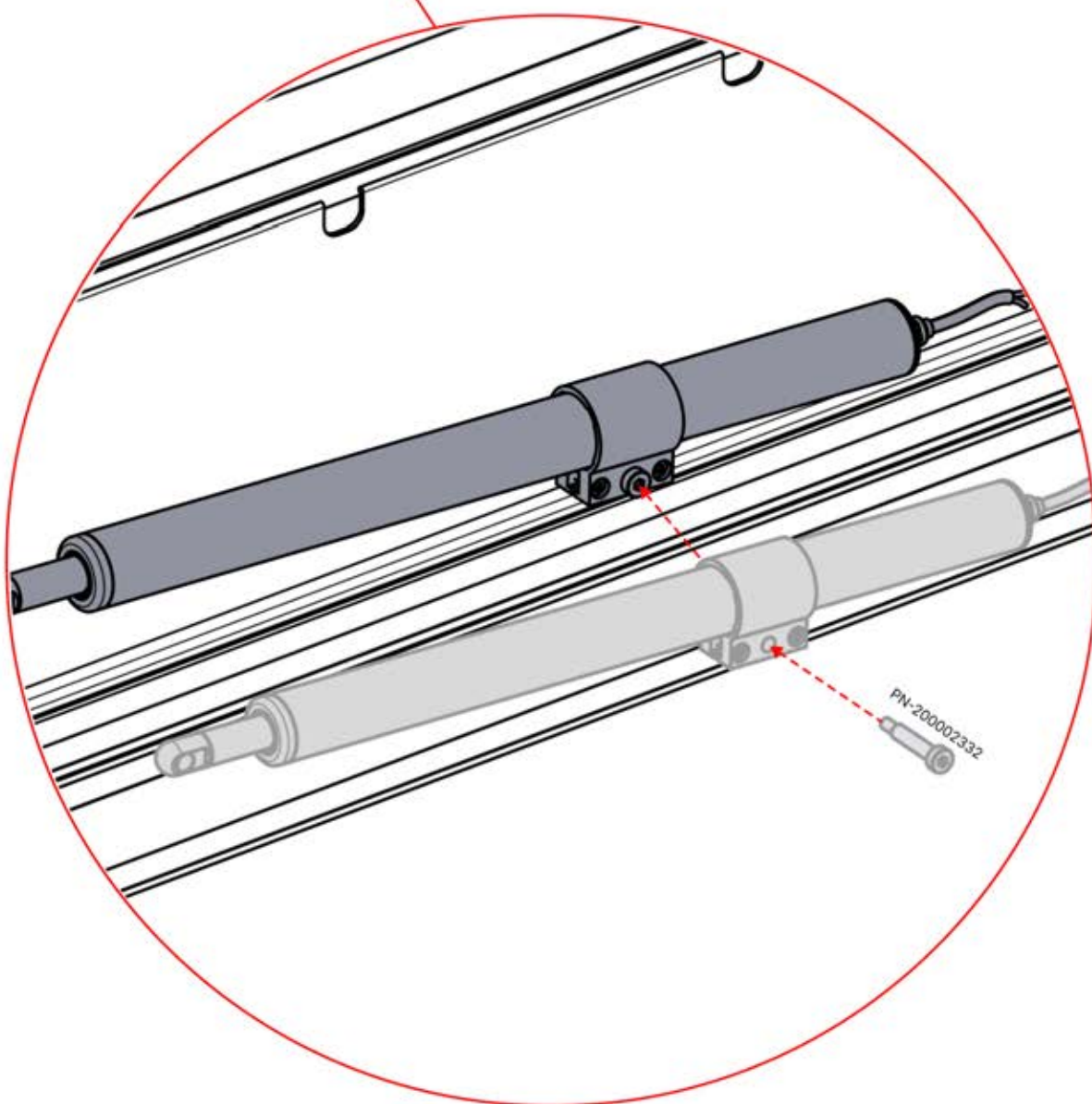
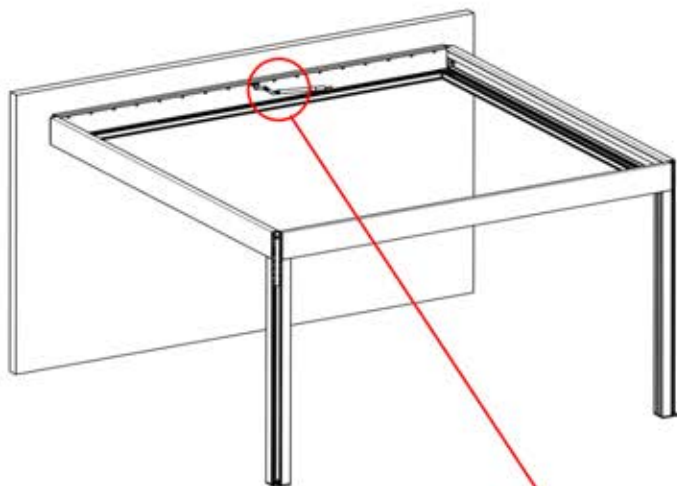


27



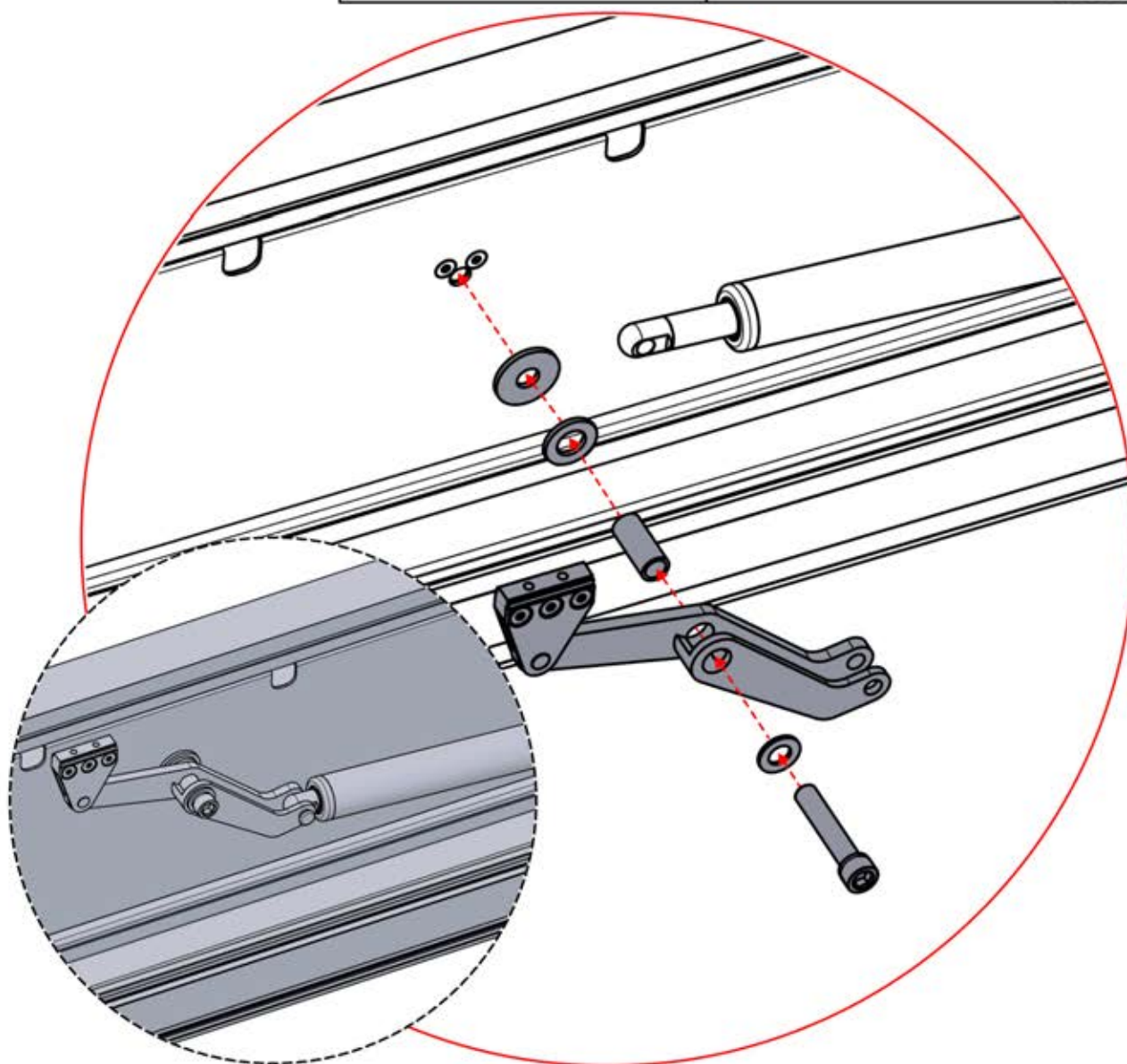
PN-200002332

1x

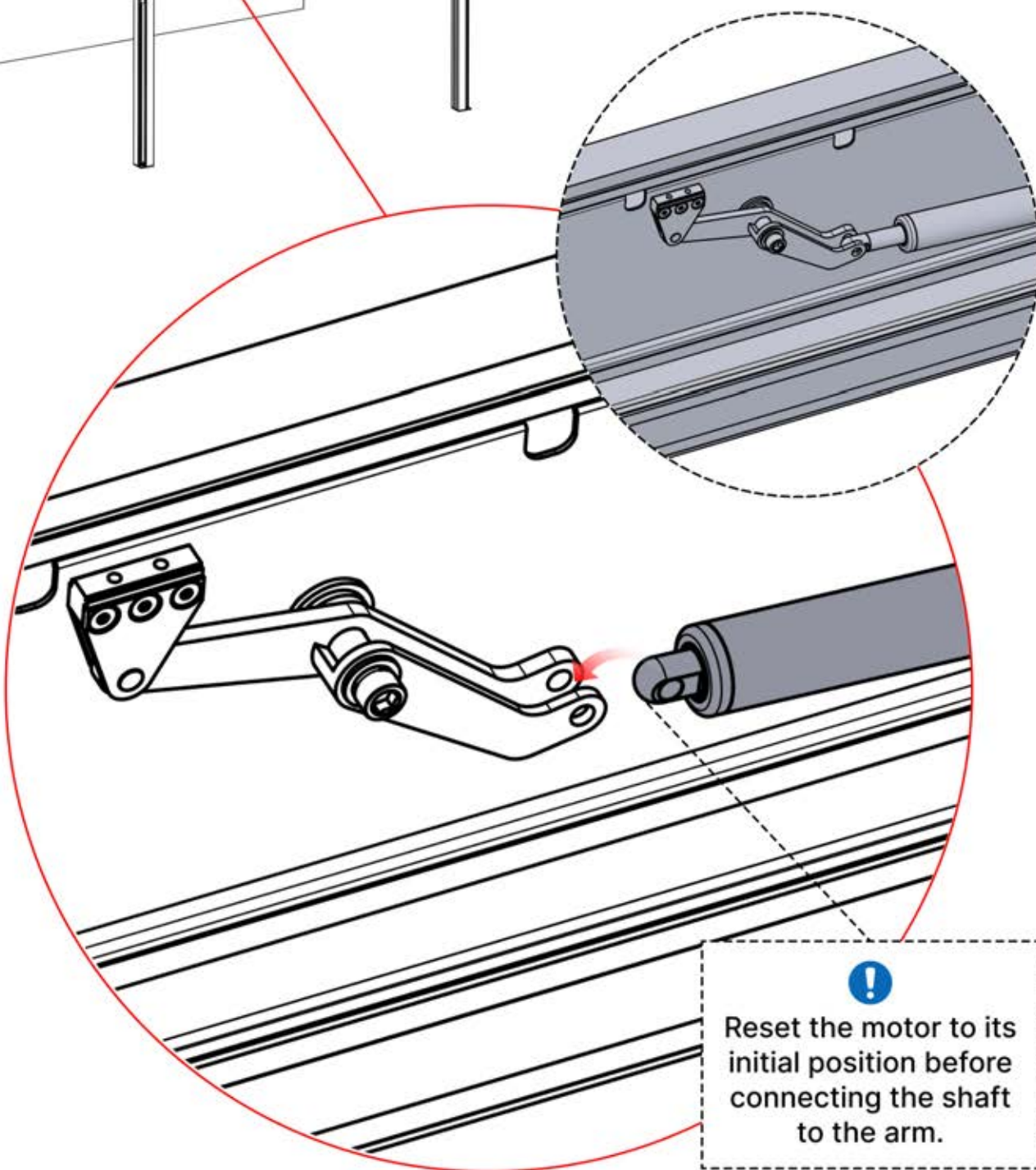
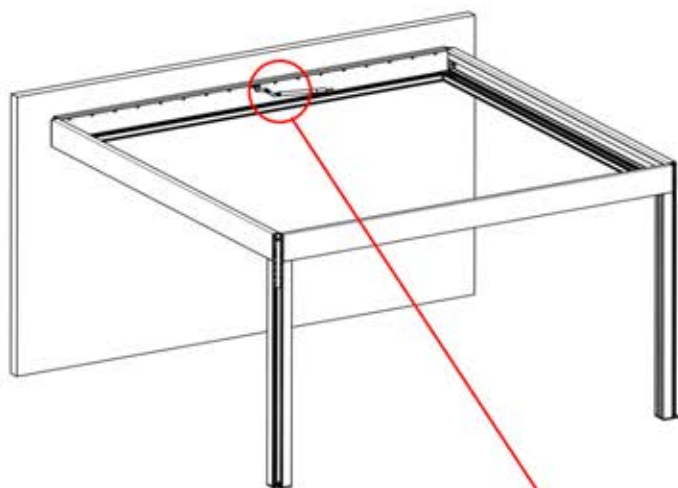


28

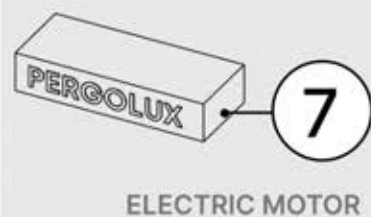
 ANTHRACITE: B297 WHITE: B301 BLACK: B305	 PN-200002326 1x  PN-200002328 2x  PN-200002327 1x  PN-200002333 1x  PN-200002355 1x PN-20000 3751 
 PN-200003500 1x  PN-200002330 1x  PN-200002324 1x	



29



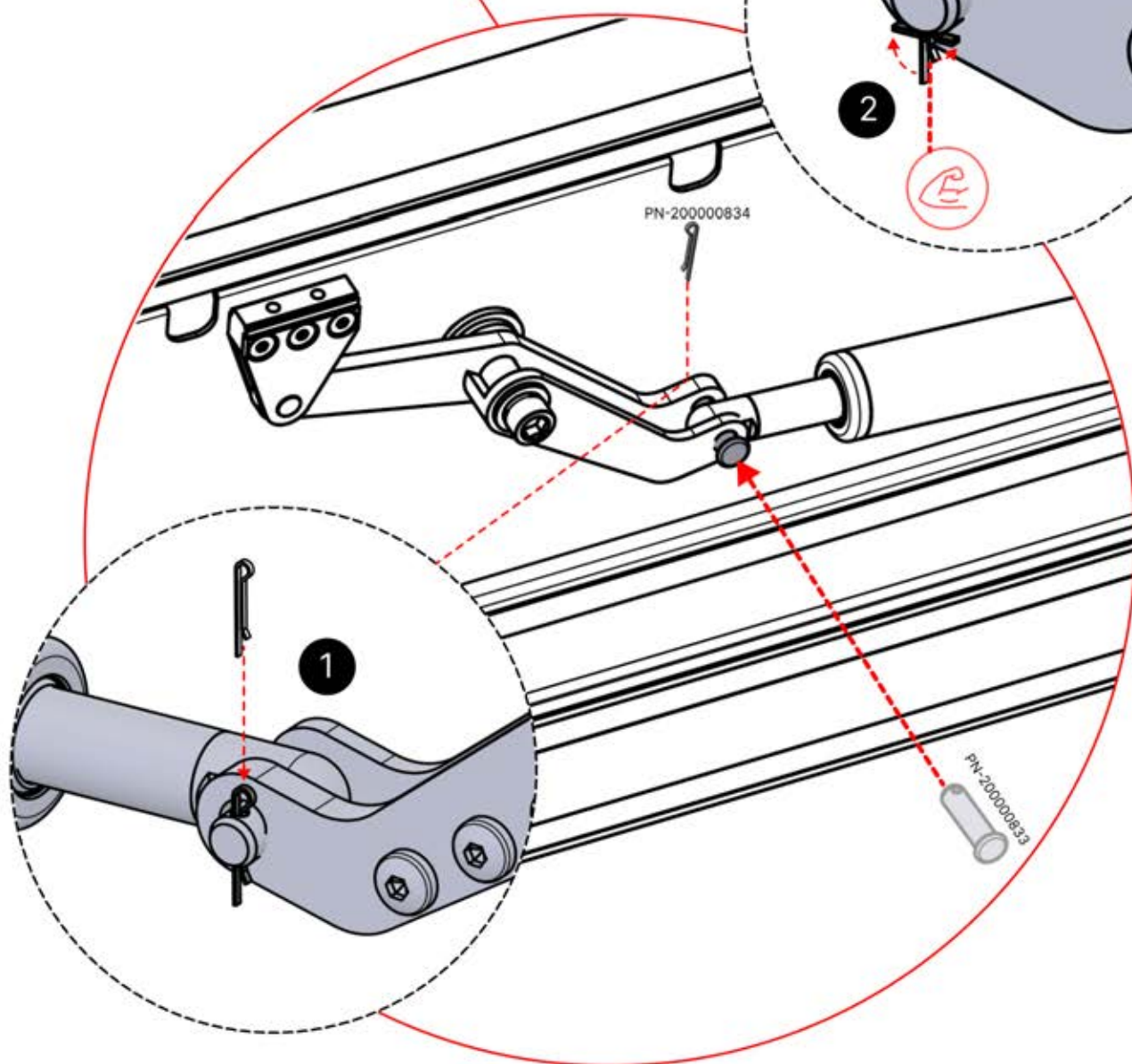
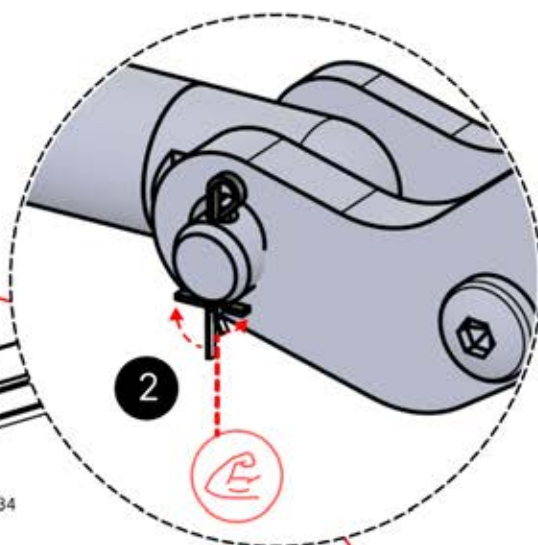
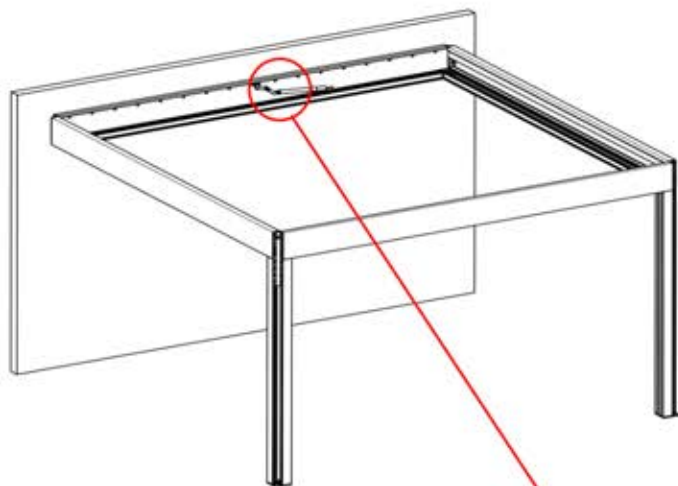
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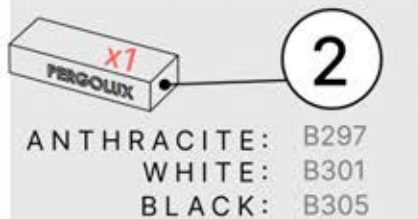
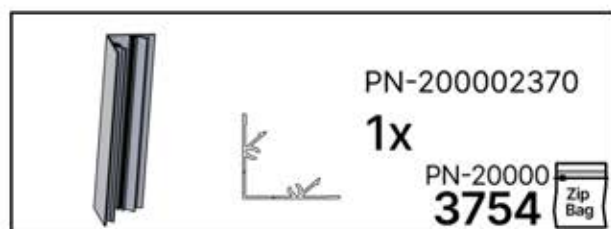
Motor Screw
1x



Split Pin
1x

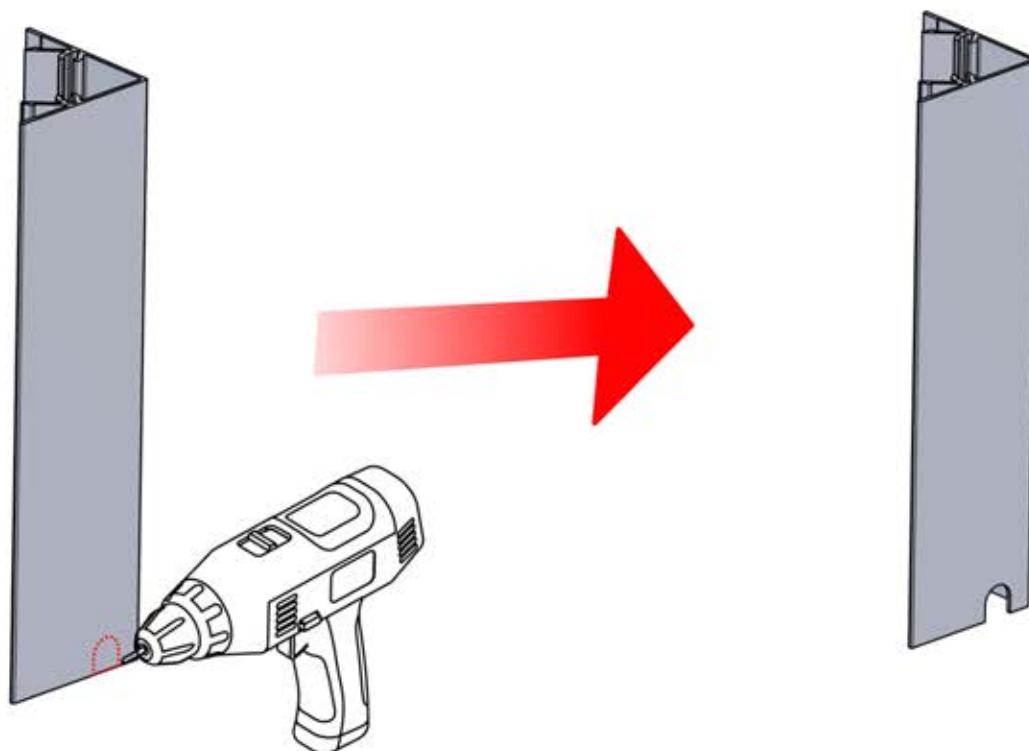


ITEMS IN BOX

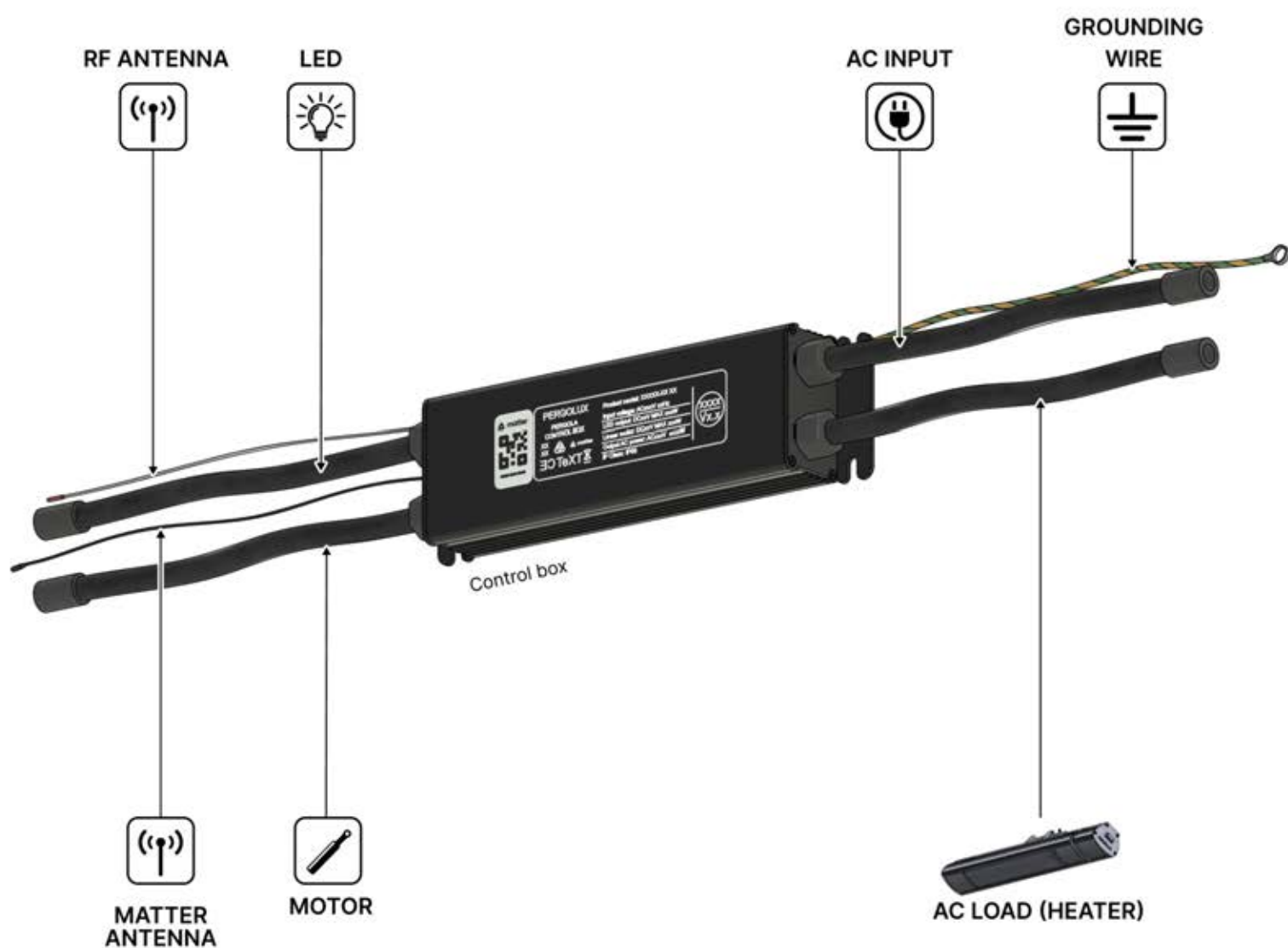


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200002370**) as illustrated. This allows the cable to pass through during installation in step 71.

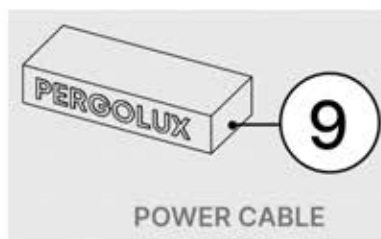
Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.



INPUTS AND OUTPUTS

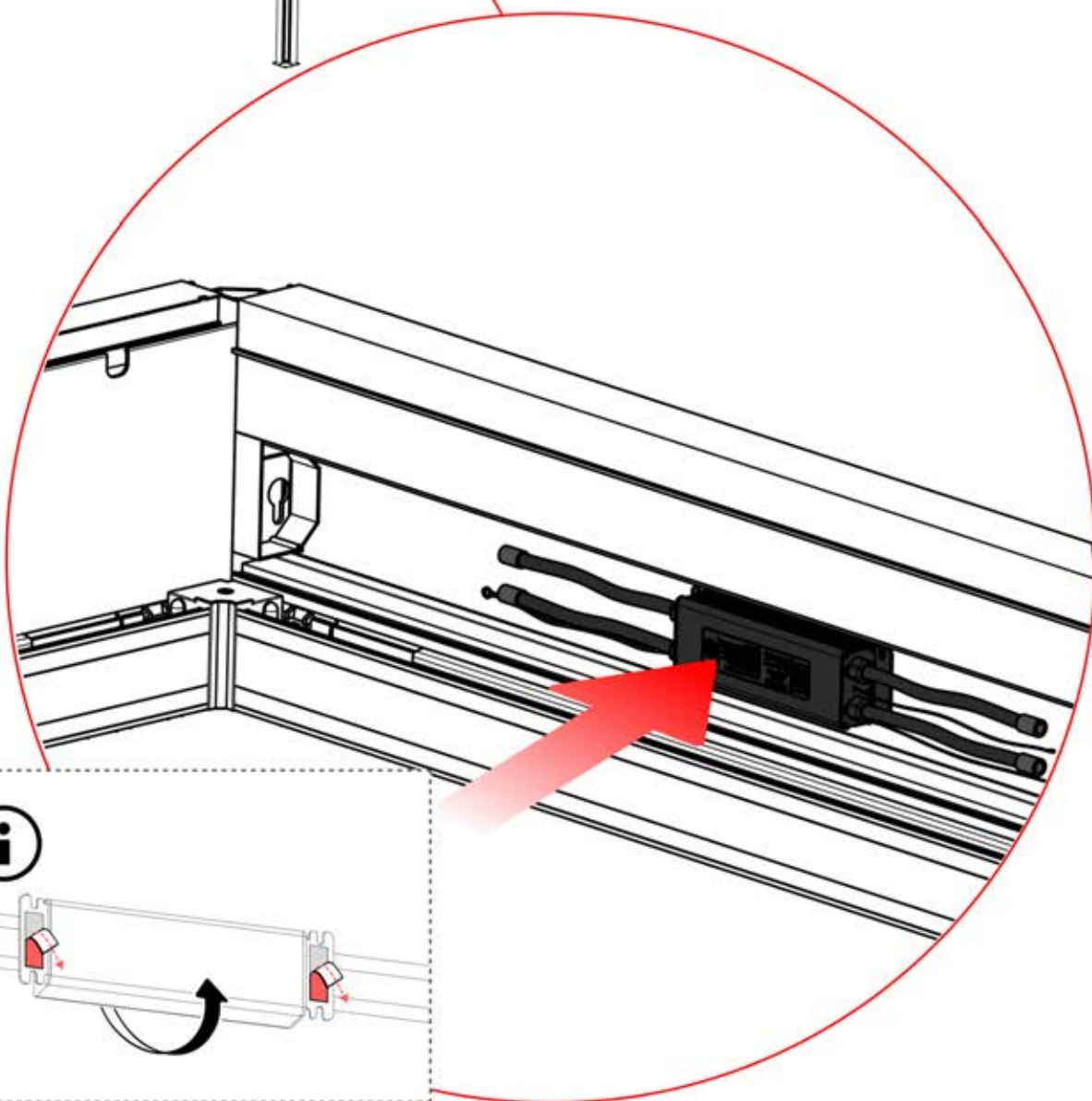
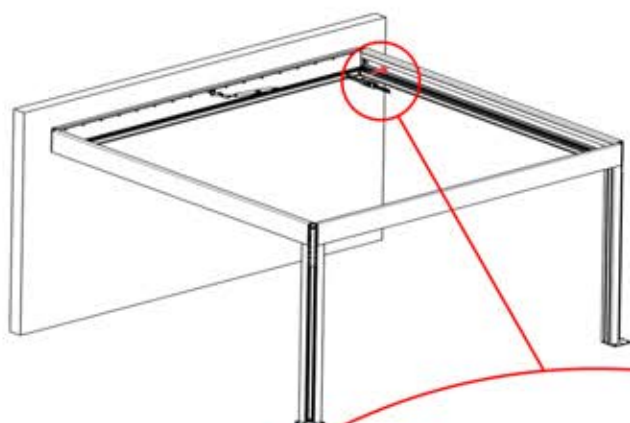


31

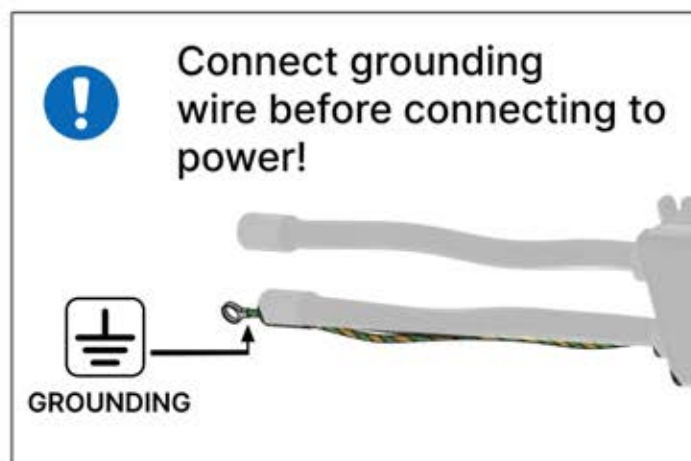


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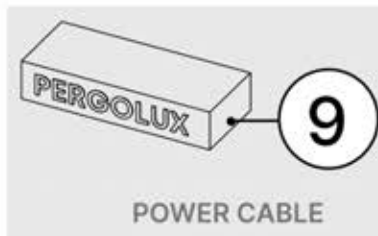
Control Box can be installed on Preferred W BEAM



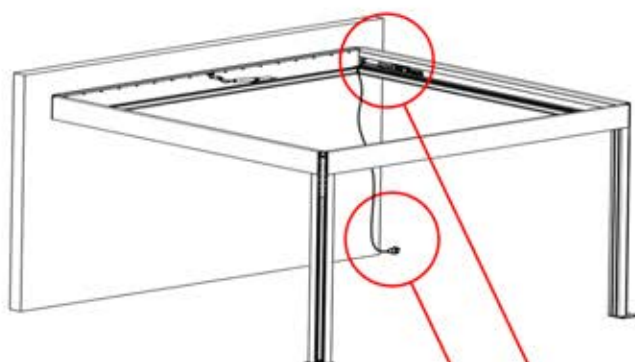
32



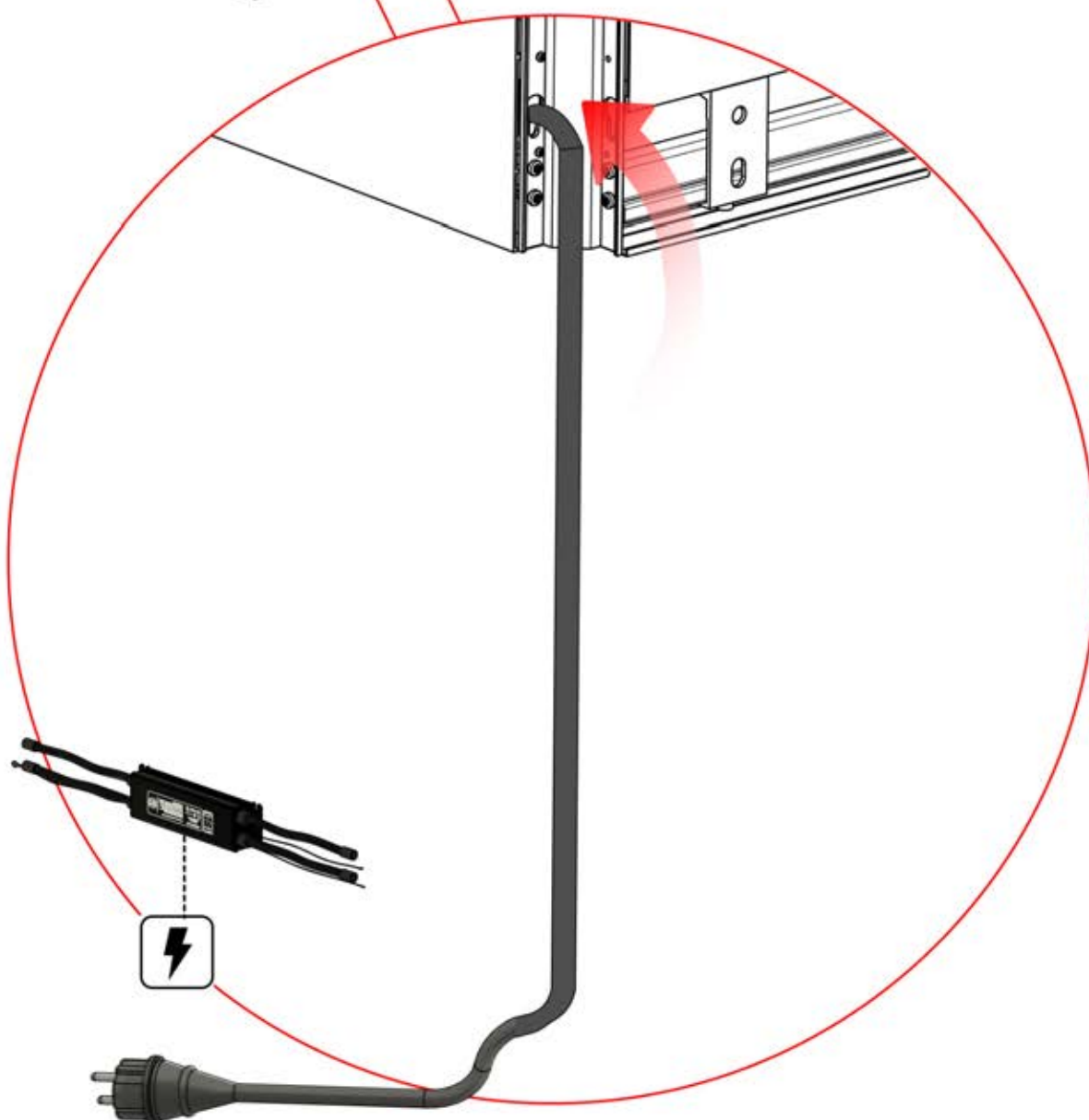
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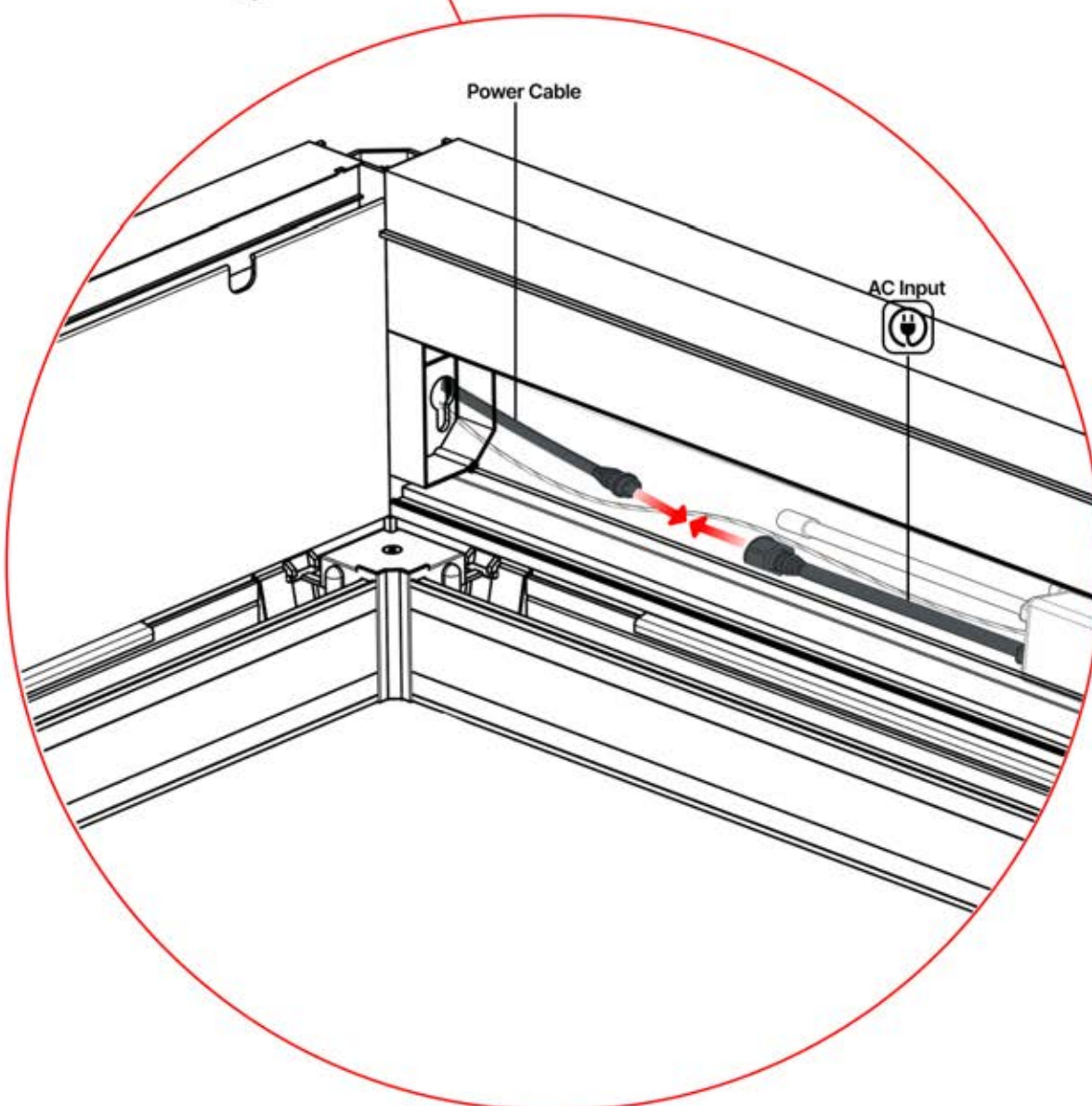
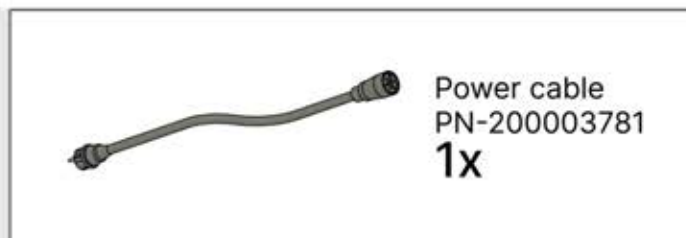
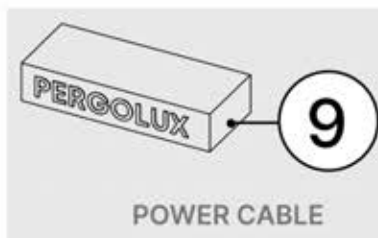
Power cable
PN-200003781
1x



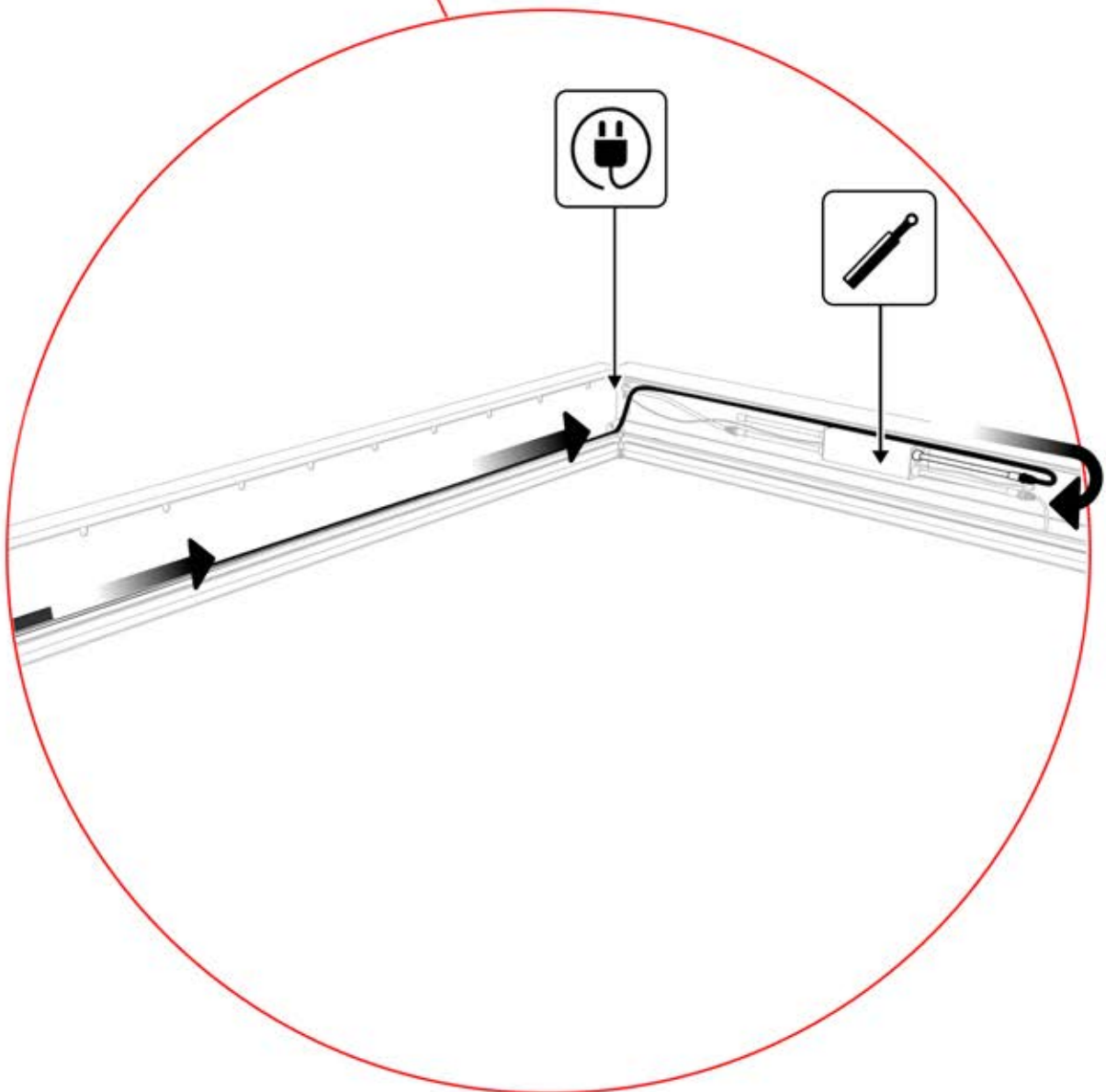
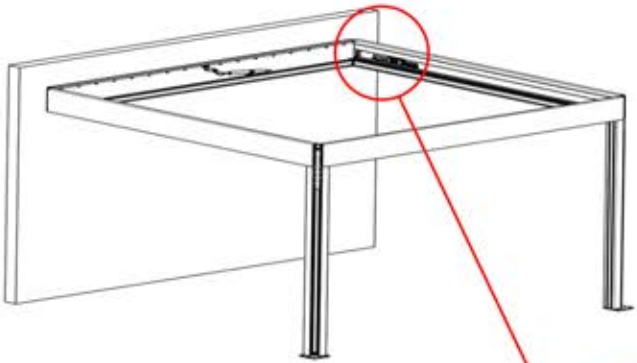
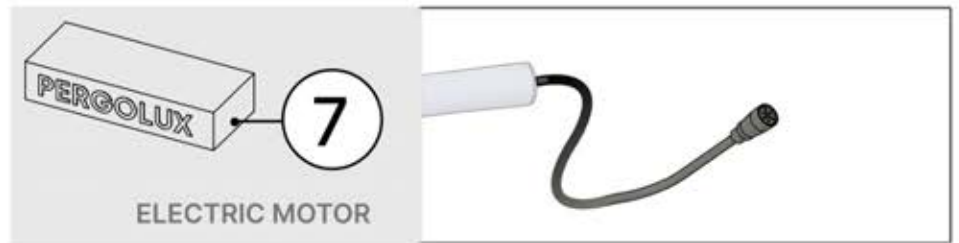
Power Cable can be routed through all the Poles.



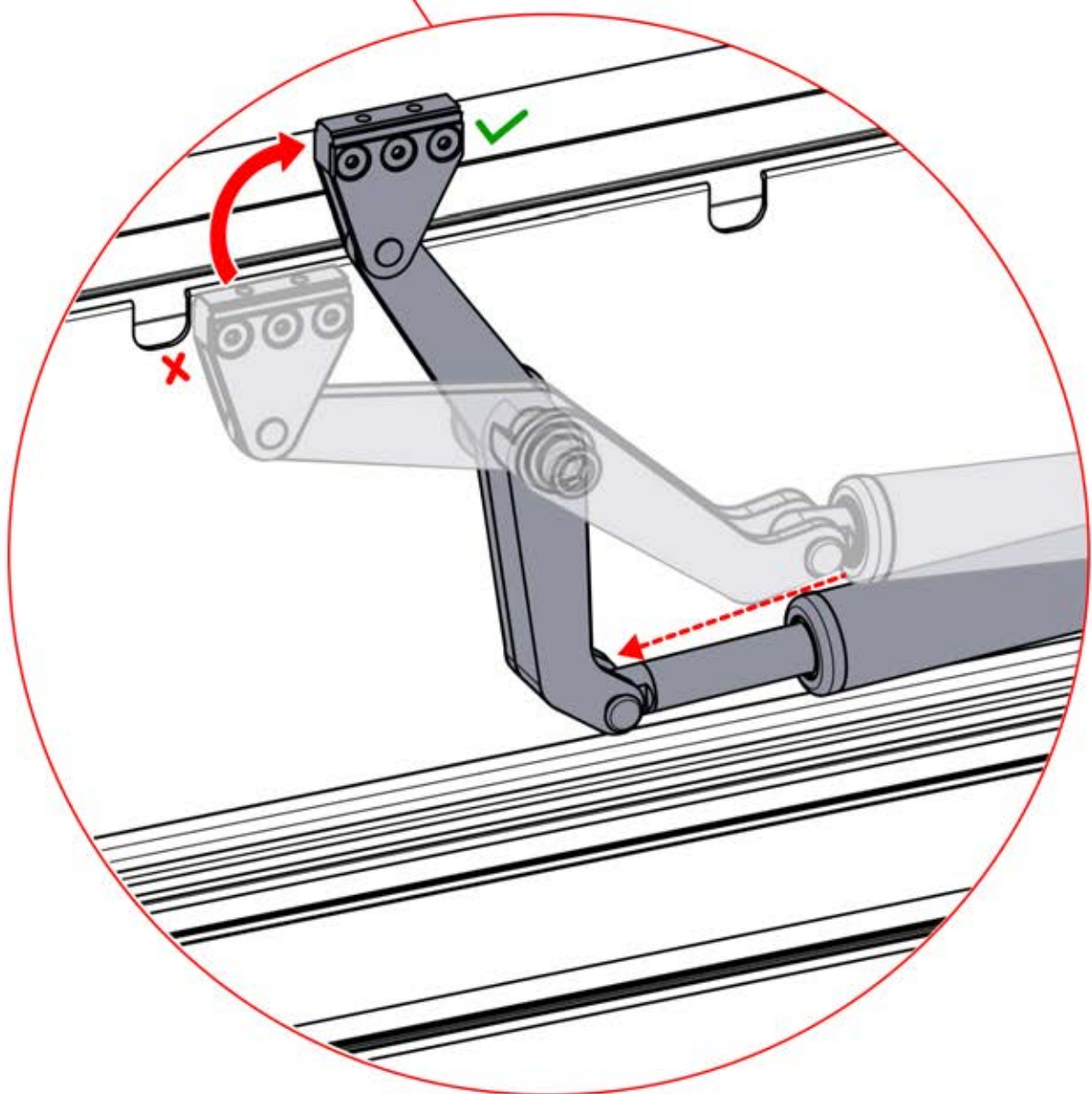
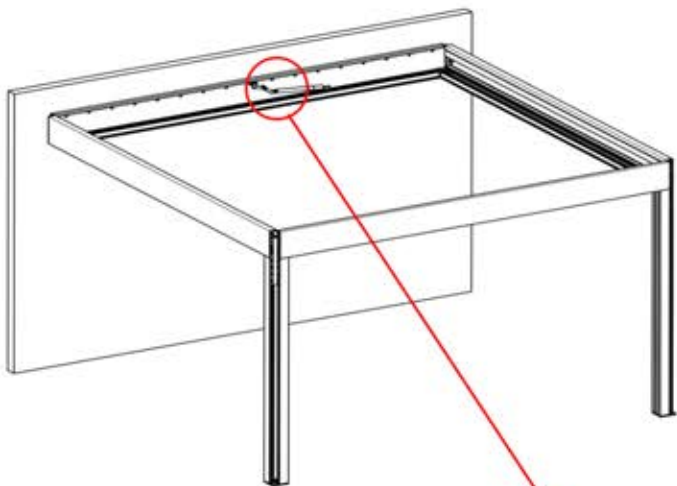
34



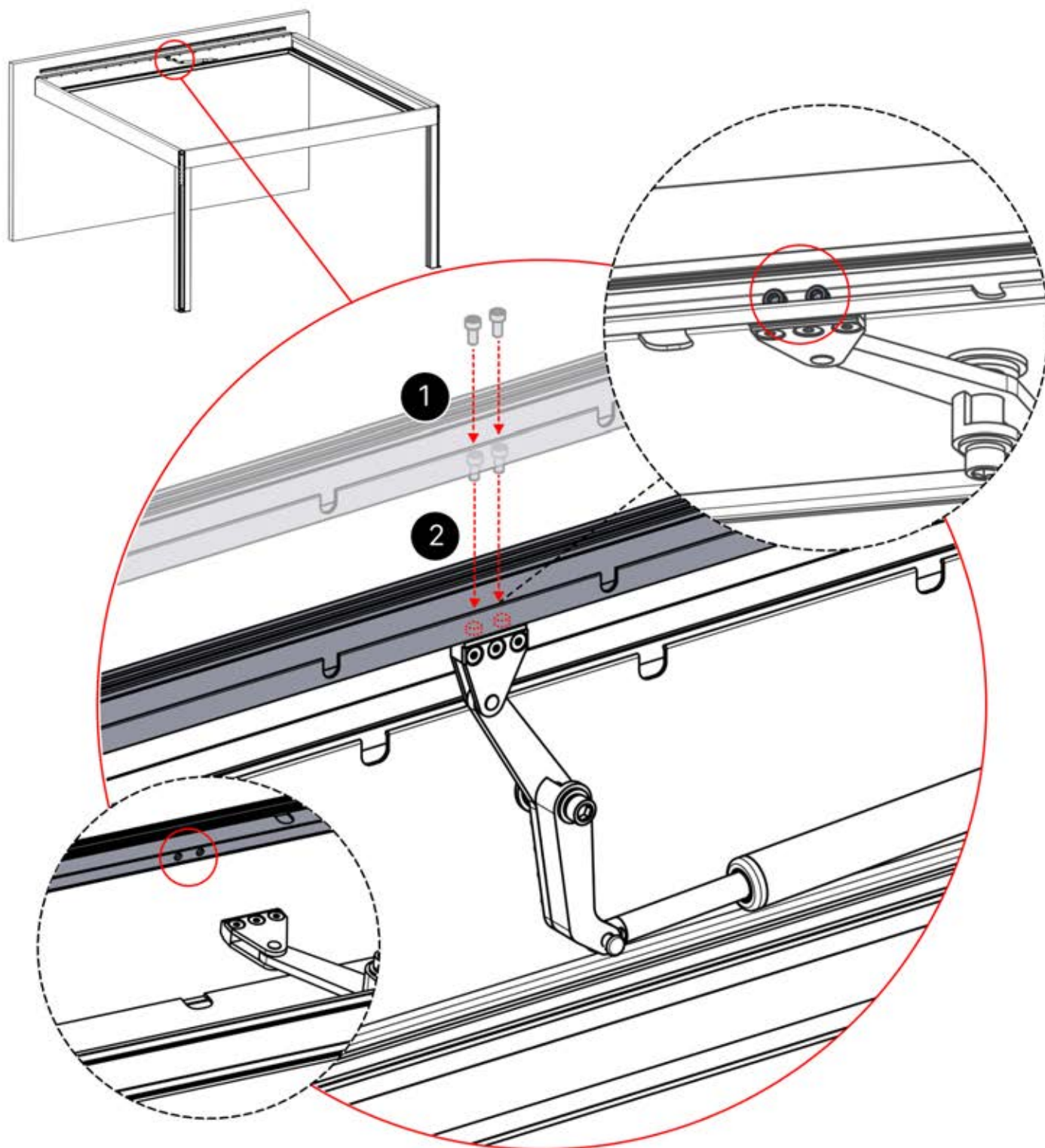
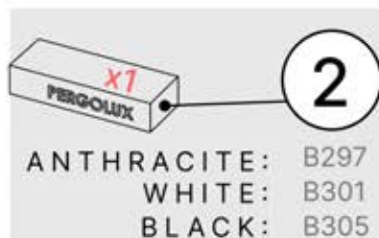
35



36



37



38

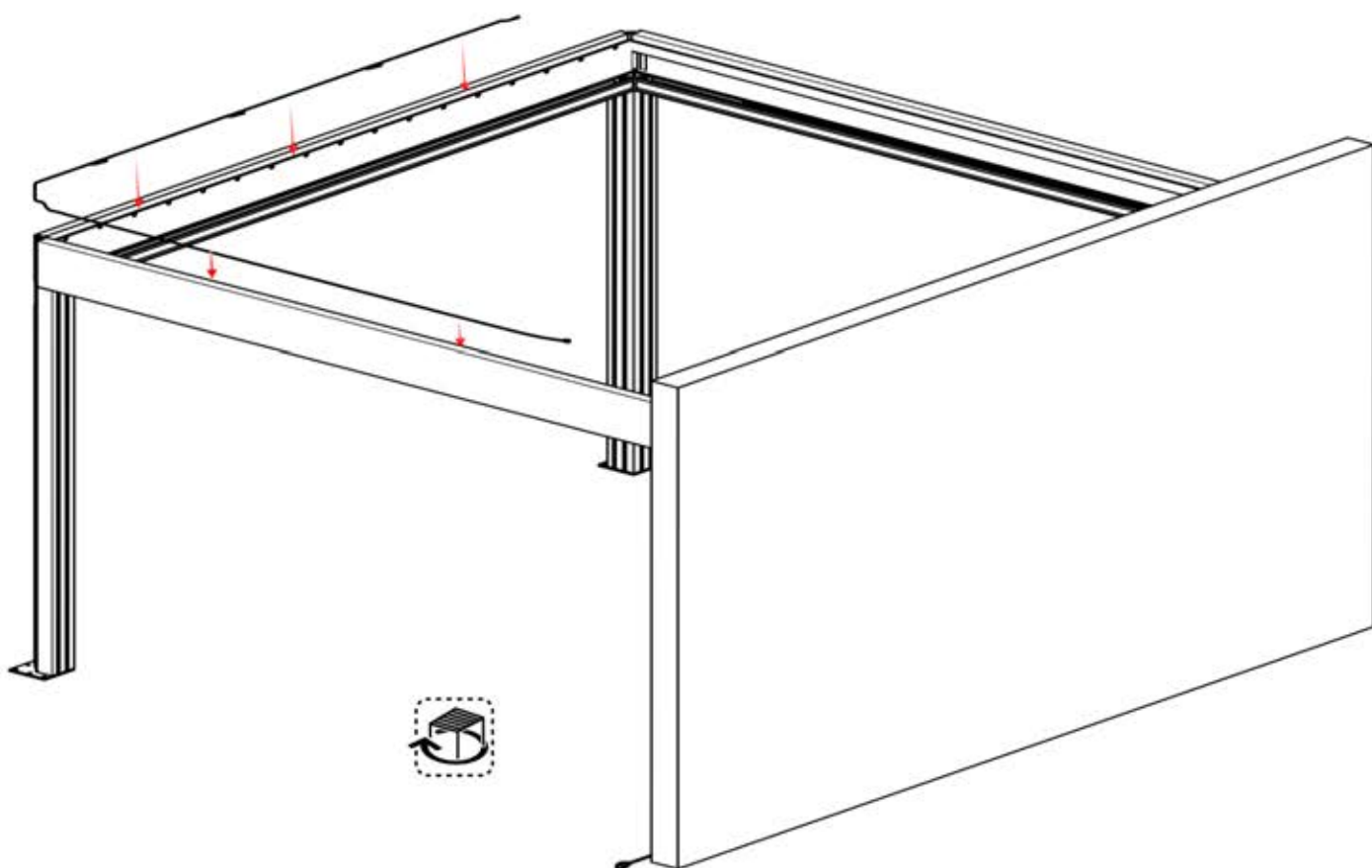


10

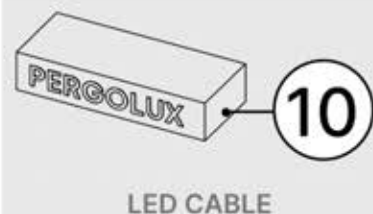
LED CABLE



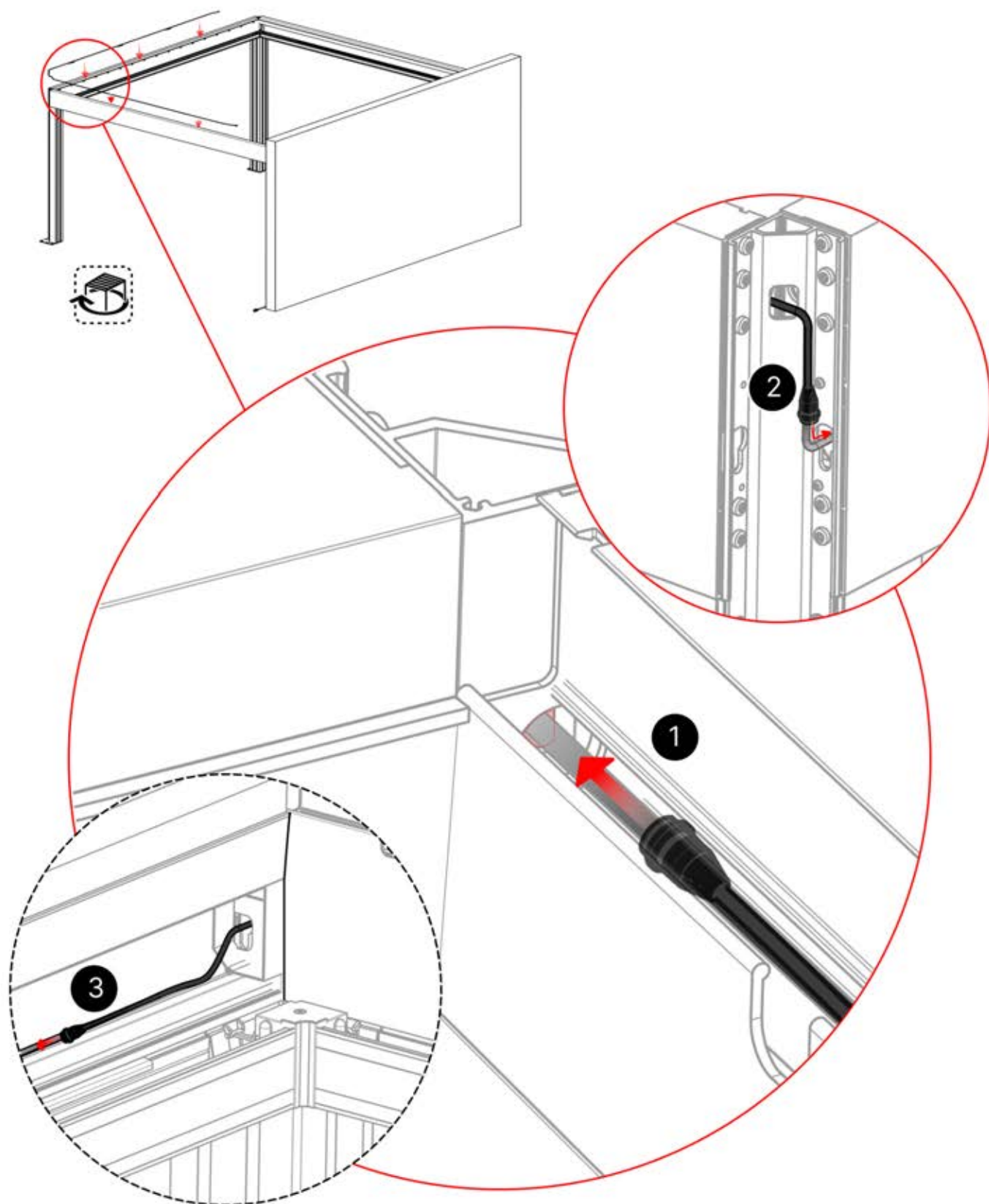
6 LED HARNESS



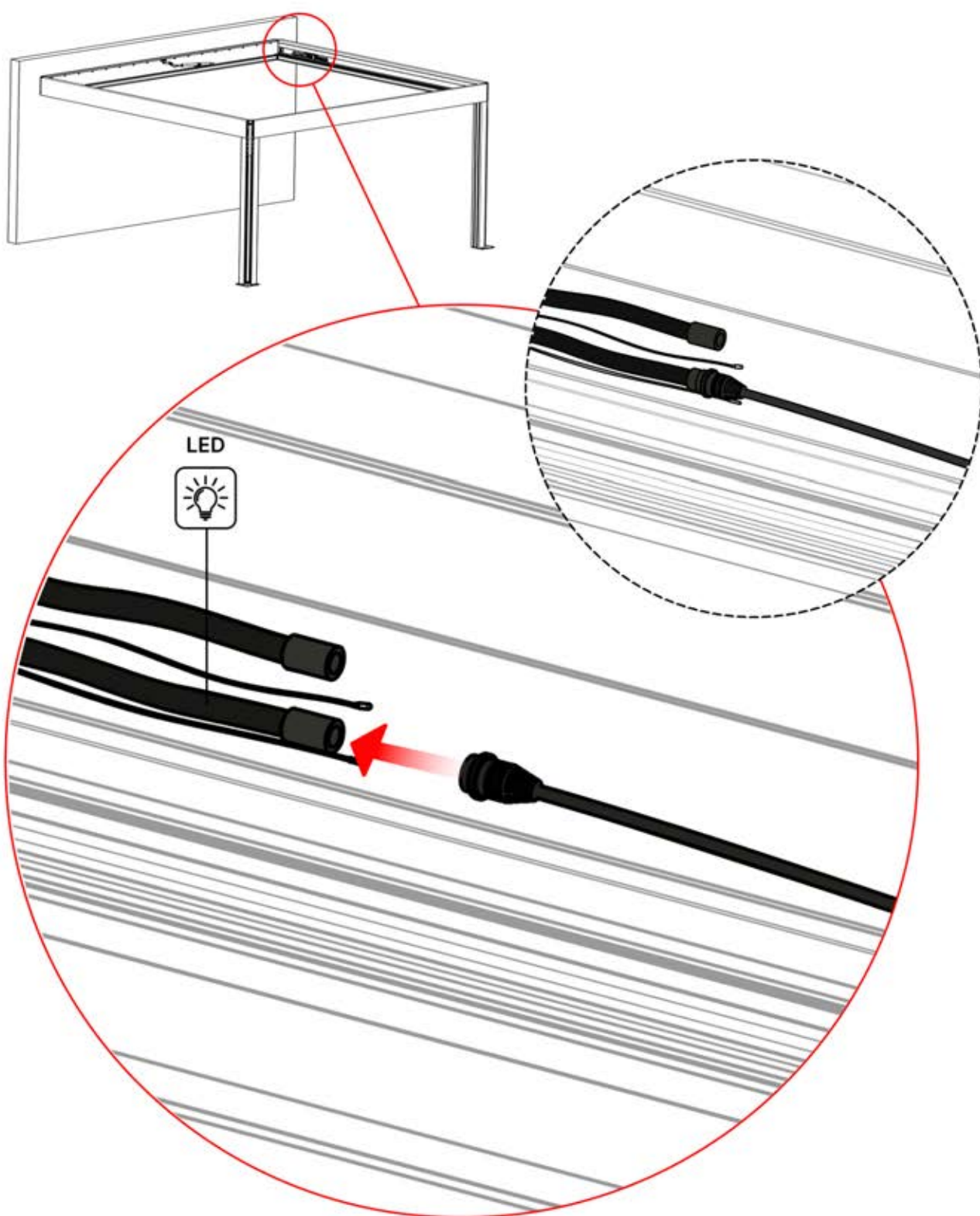
39



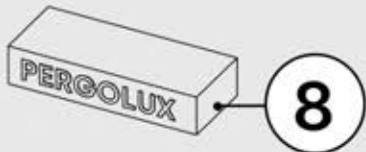
6 LED HARNESS

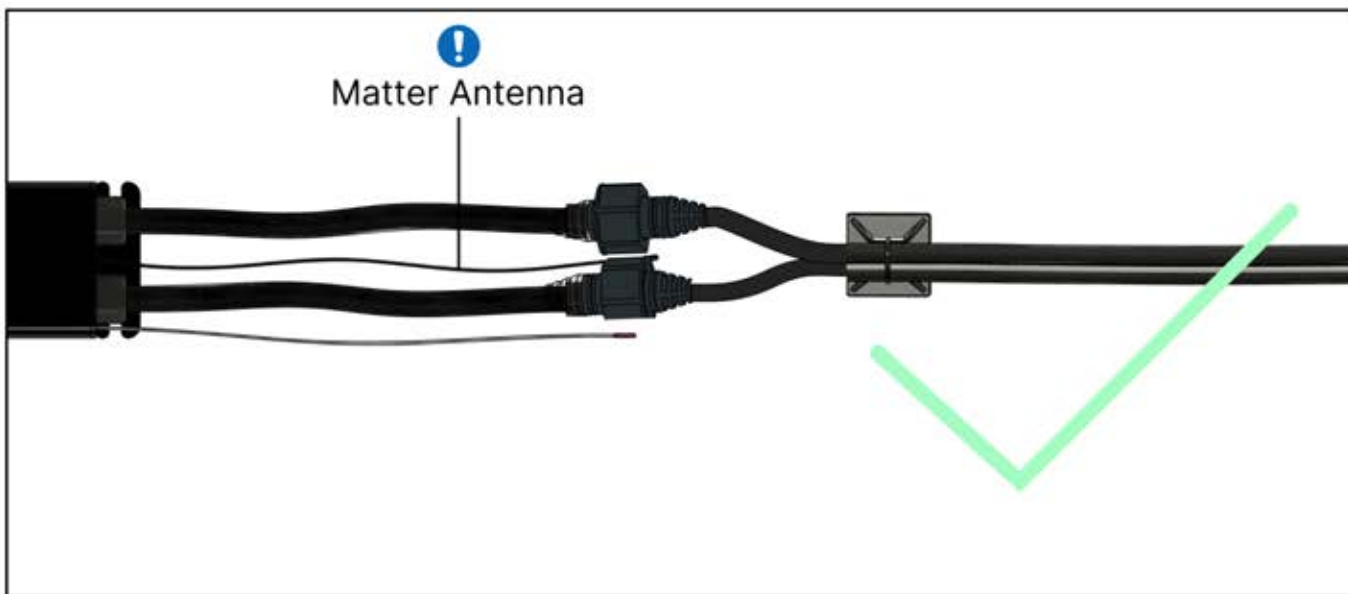
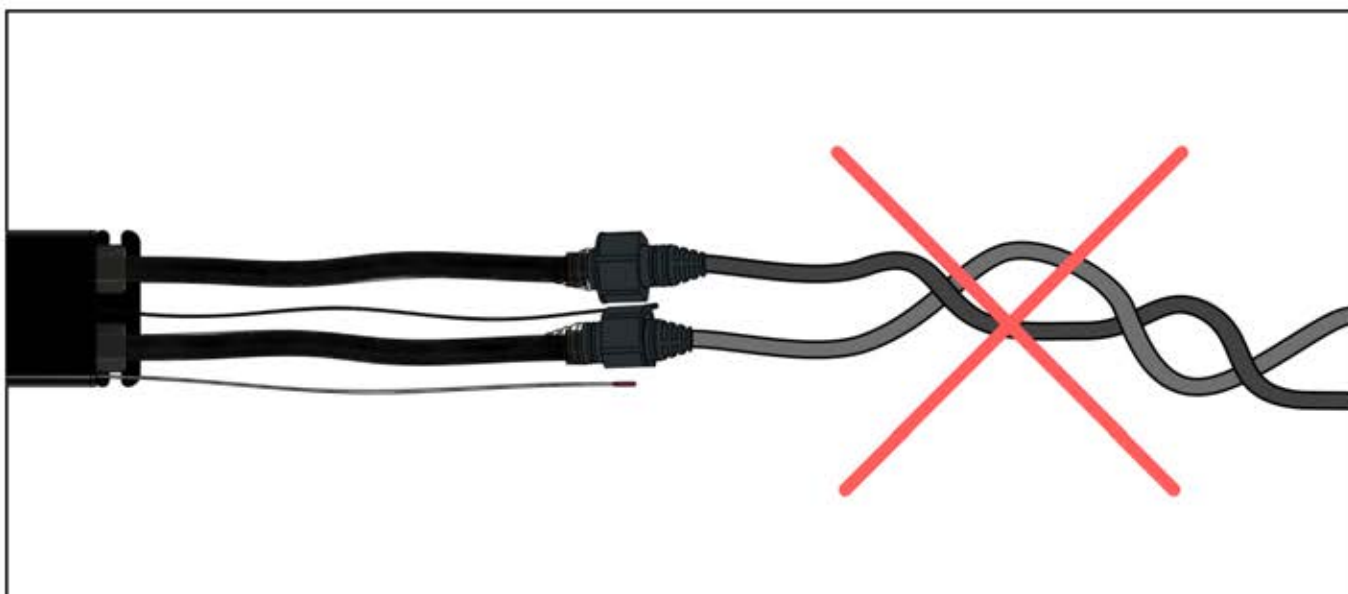


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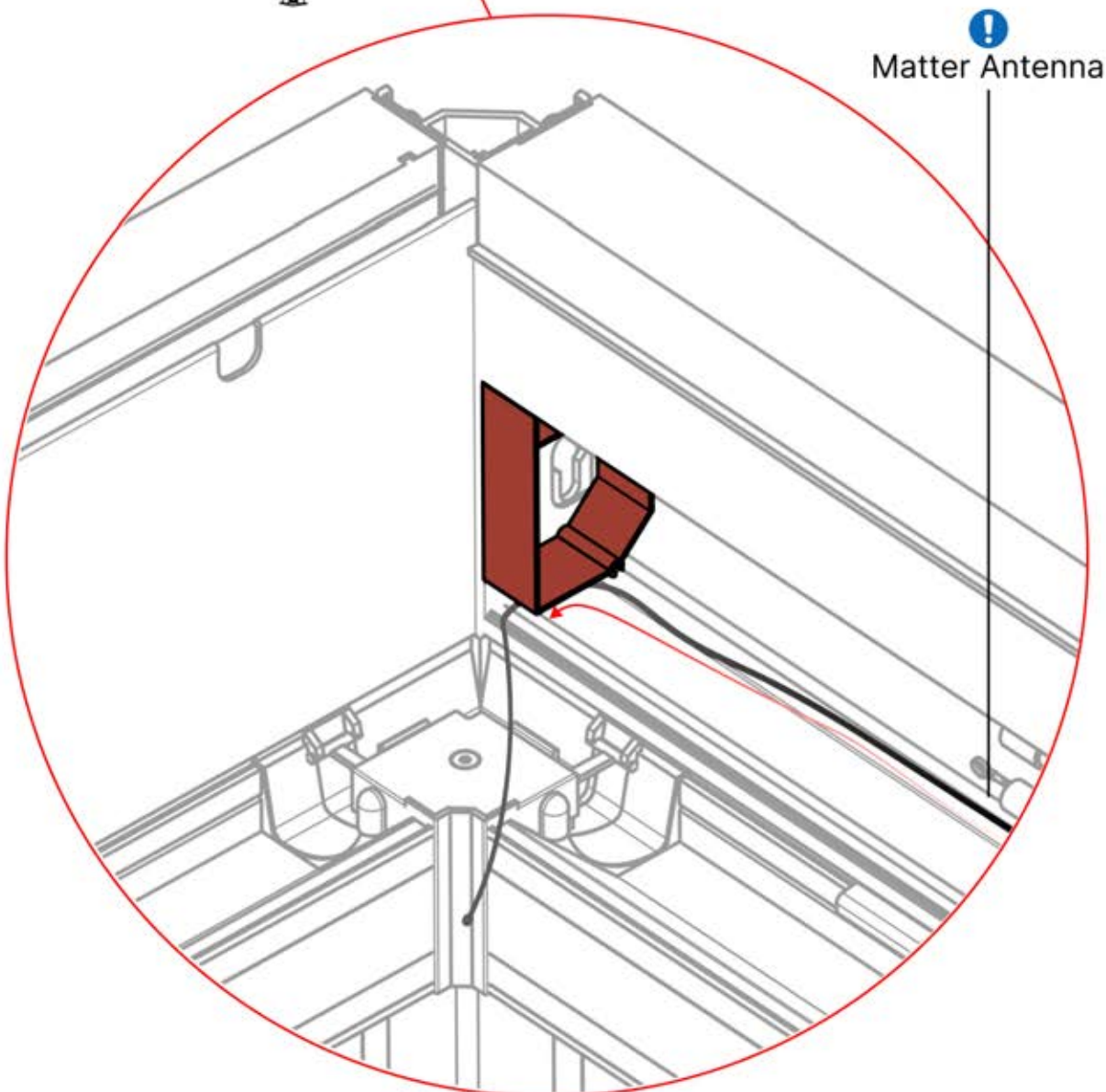
41

 CONTROL BOX	S4  PN-200002683 5x  PN-200002684 10x
 Keep the Matter Antenna wire free and do not tie them with LED and Motor wire	

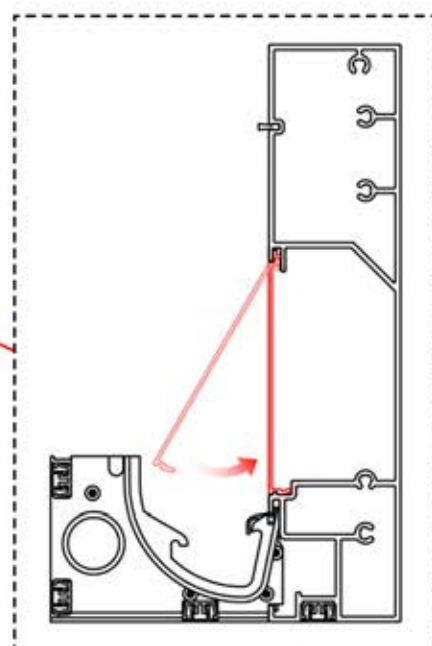
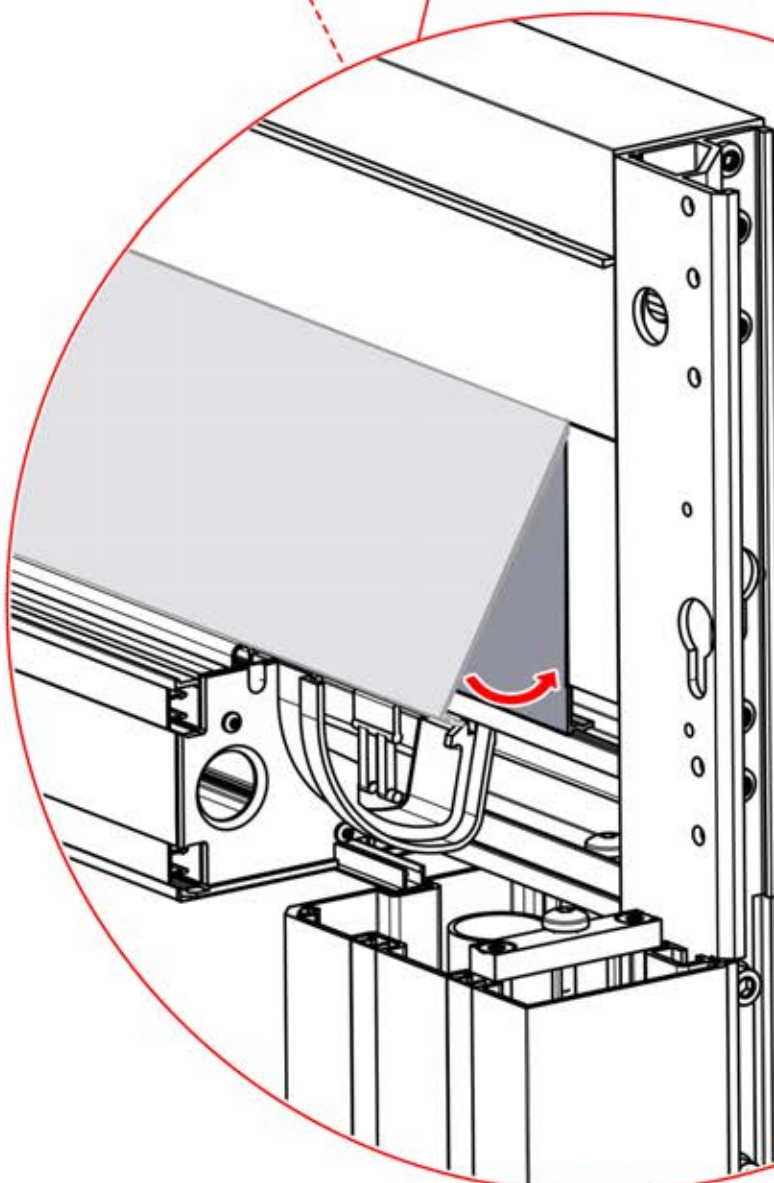
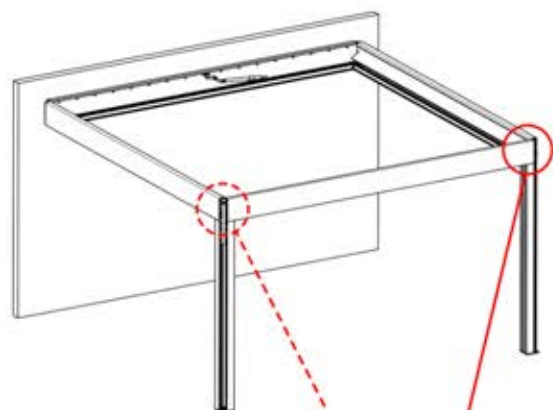
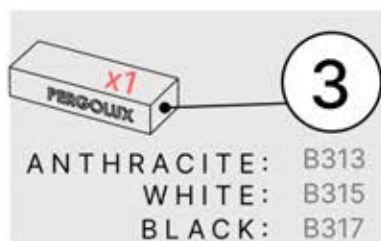




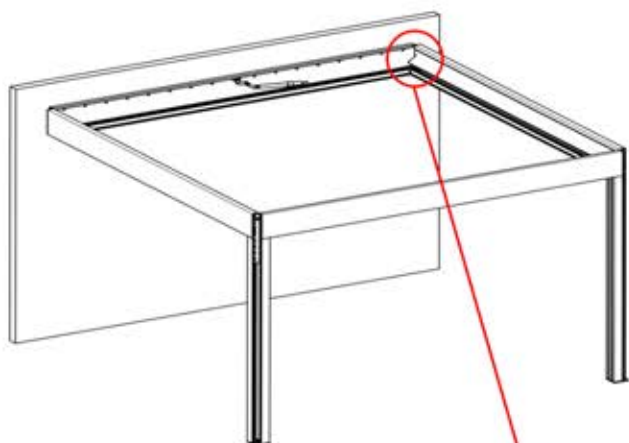
!
Route the Matter
Antenna and place it
below the highlighted
part(PN-200002329).



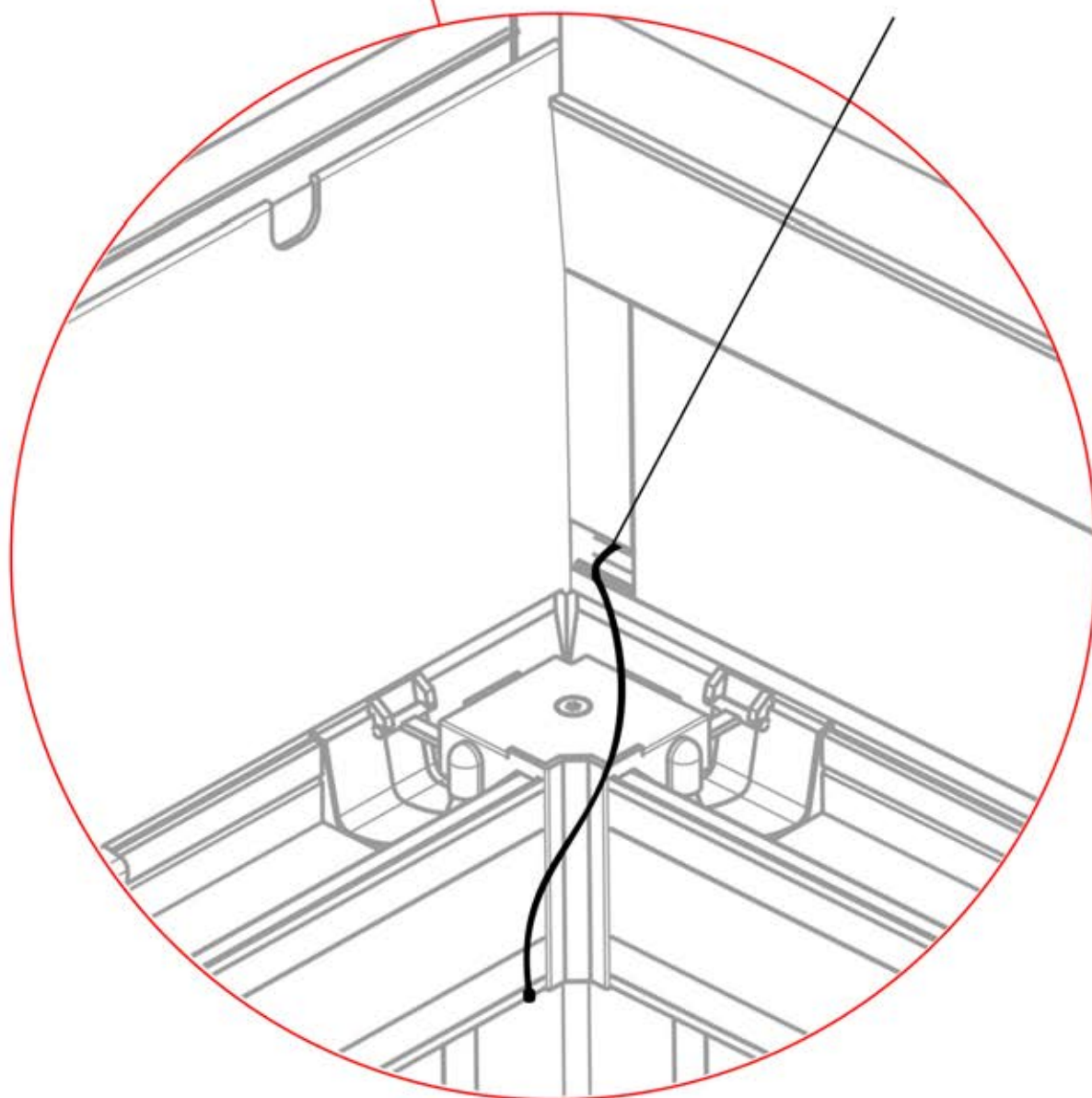
43



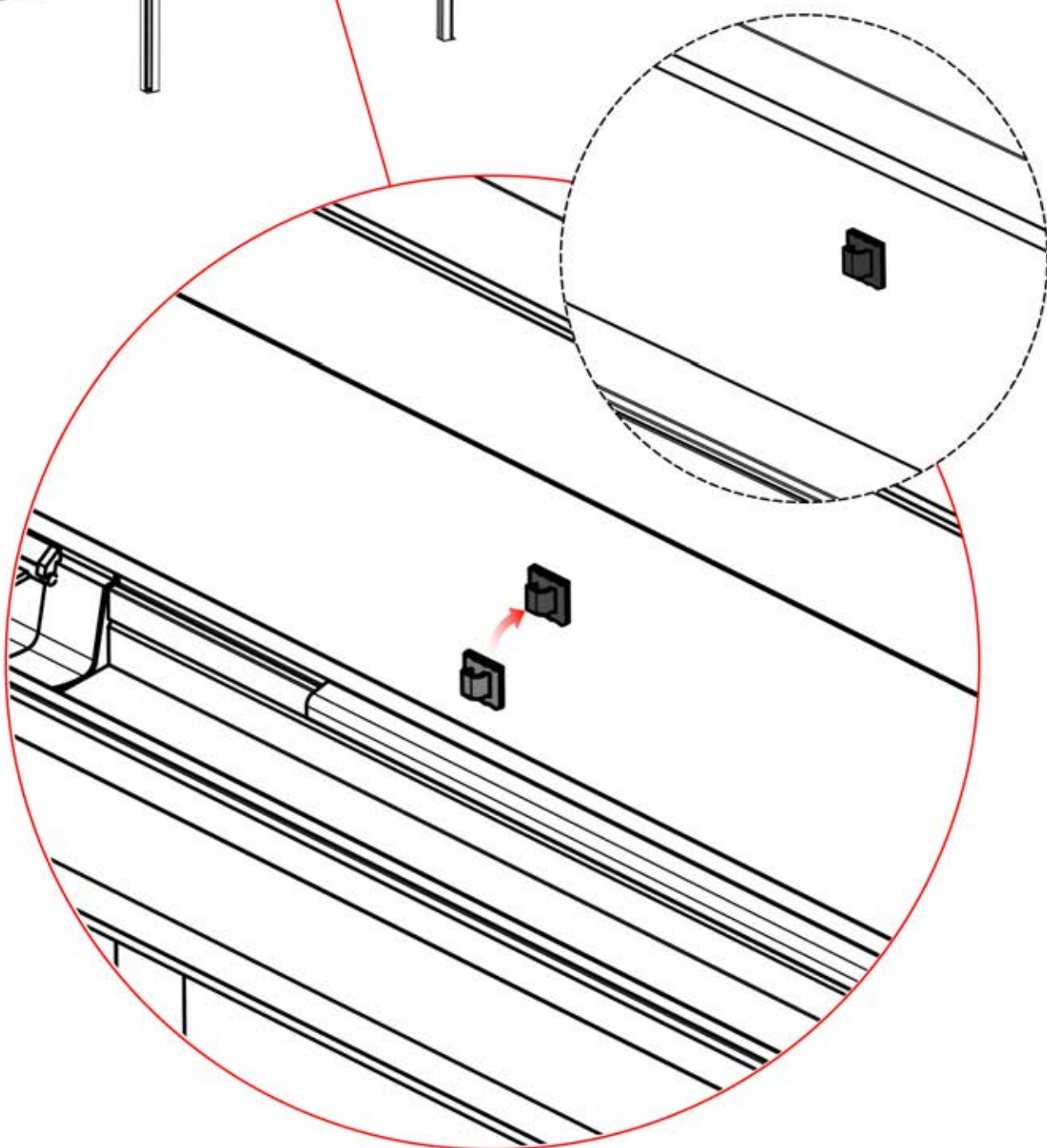
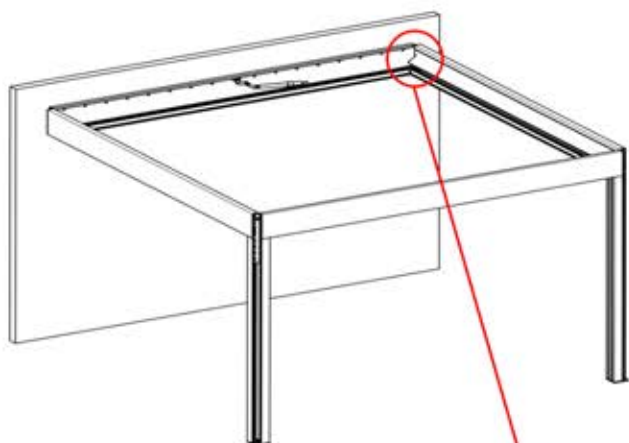
INFORMATION



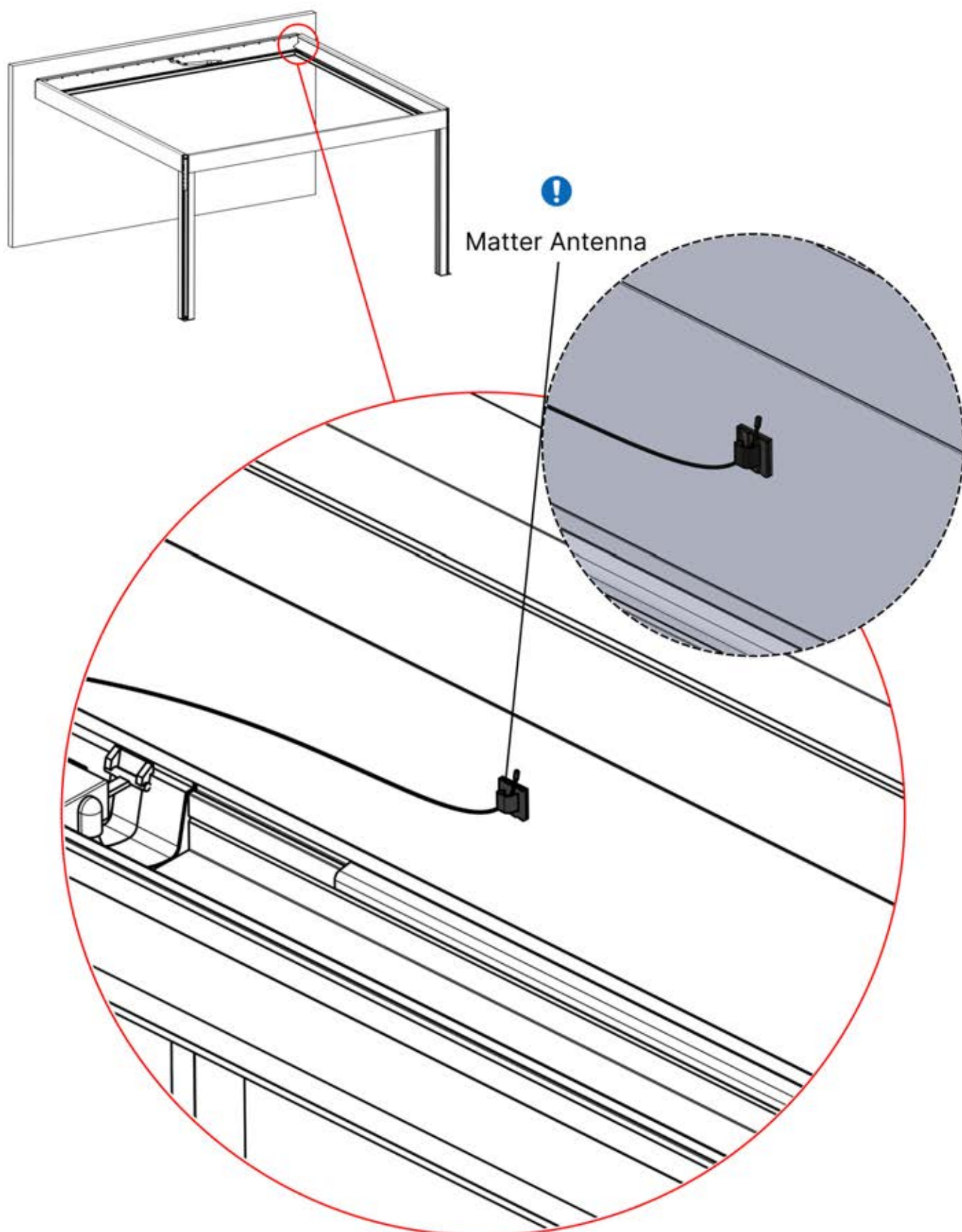
Matter Antenna



44



45





PERGOLUX PRO MAX 3×5

PN-200003533



Standard = **(S)**



PN-200003537



LED =



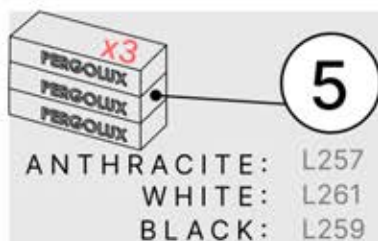
PN-200003535



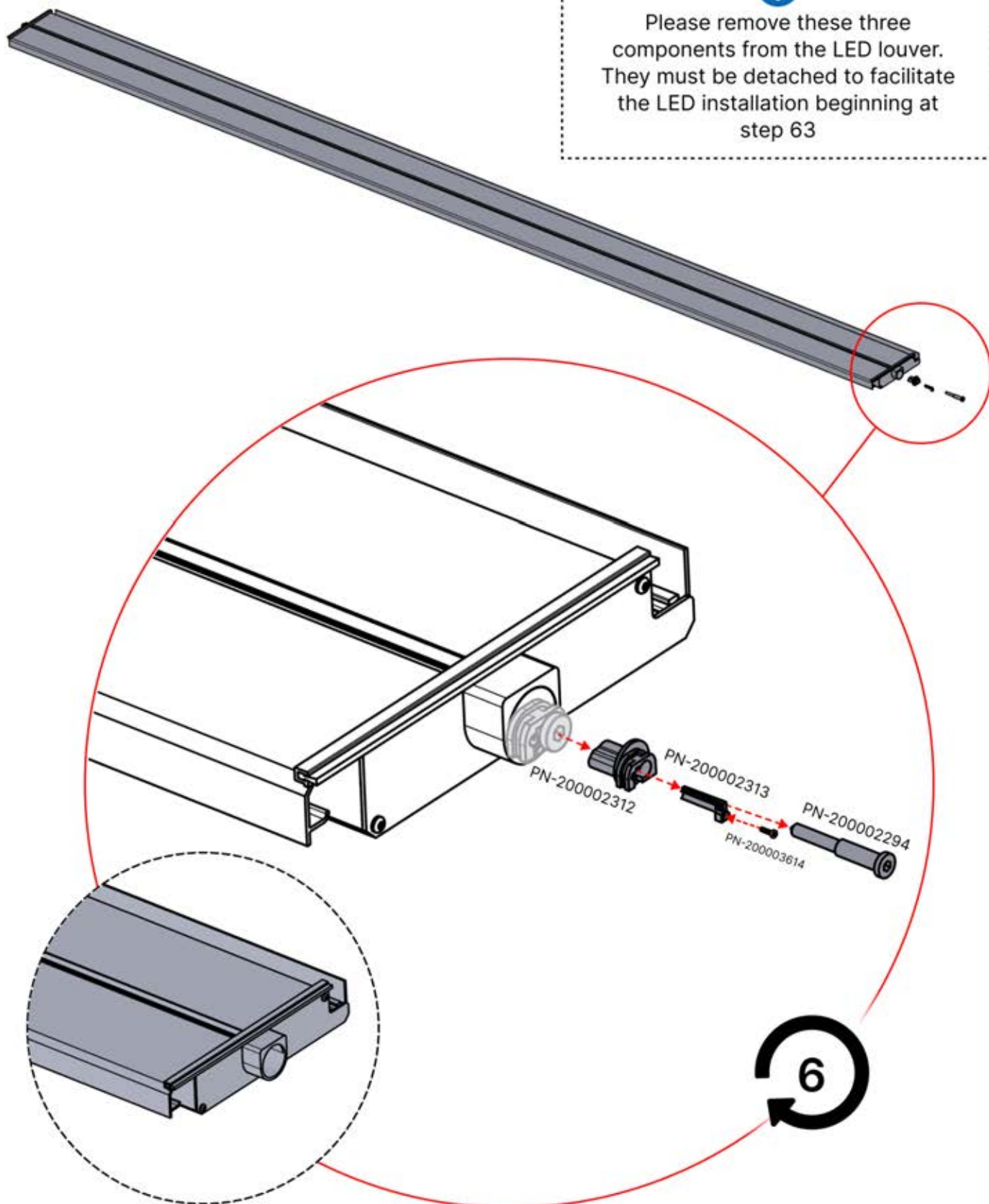
End = **(E)**



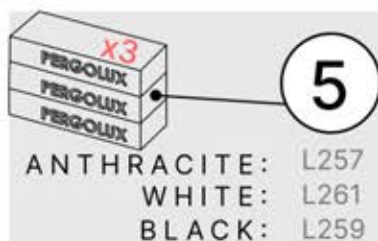
46




Please remove these three components from the LED louver. They must be detached to facilitate the LED installation beginning at step 63

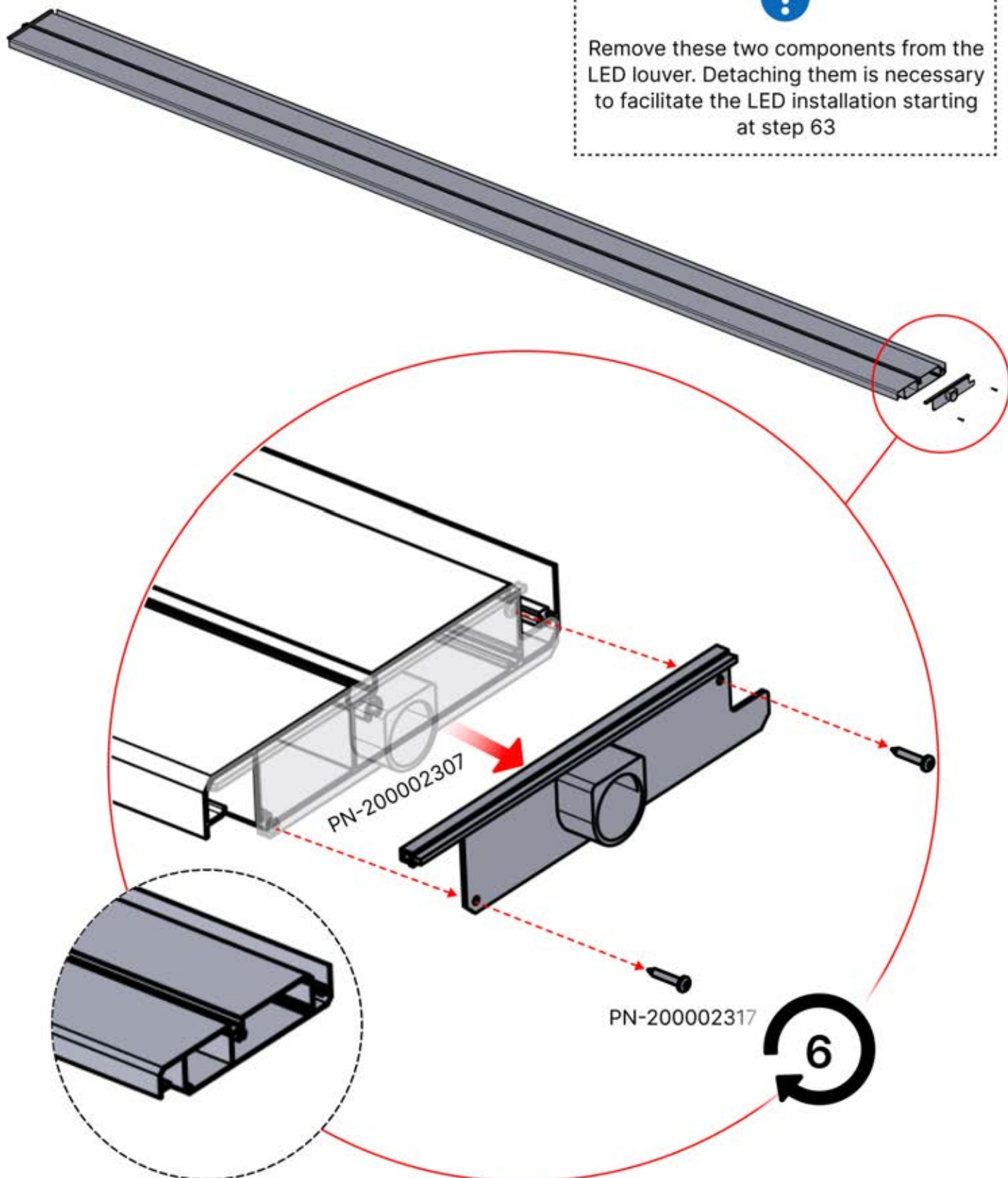


47

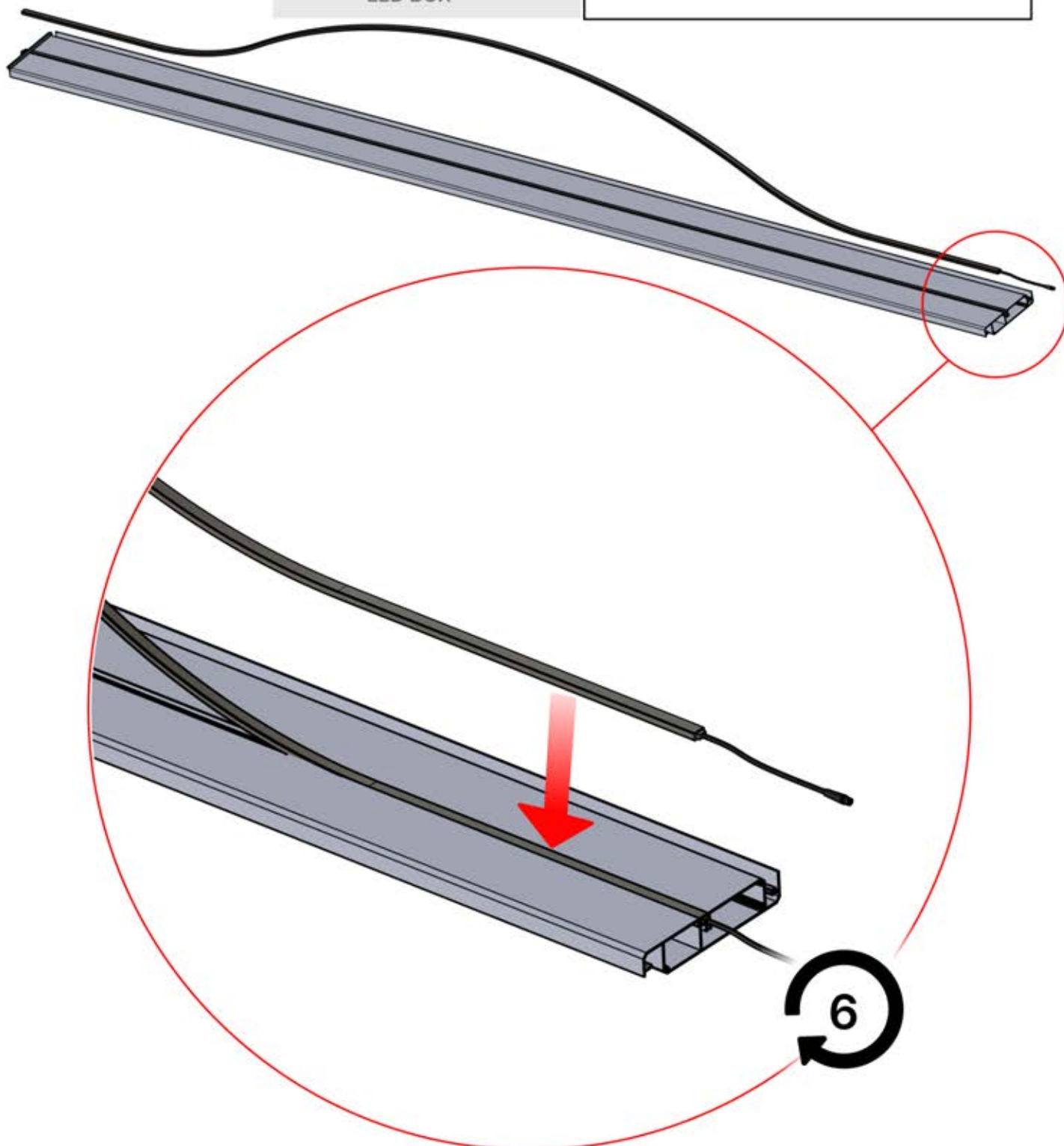
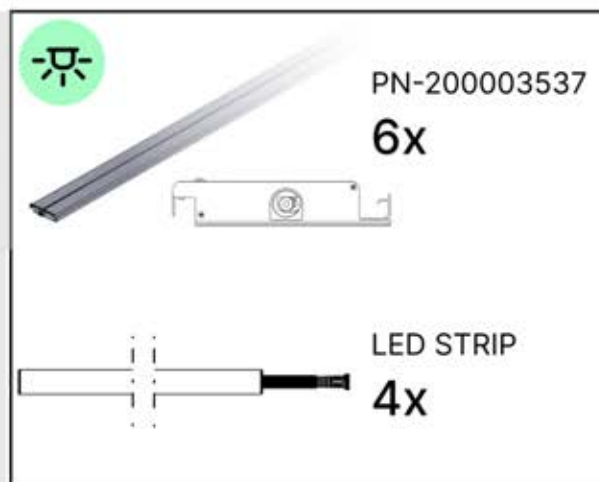
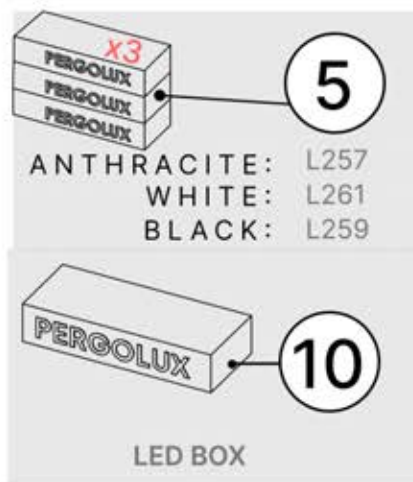


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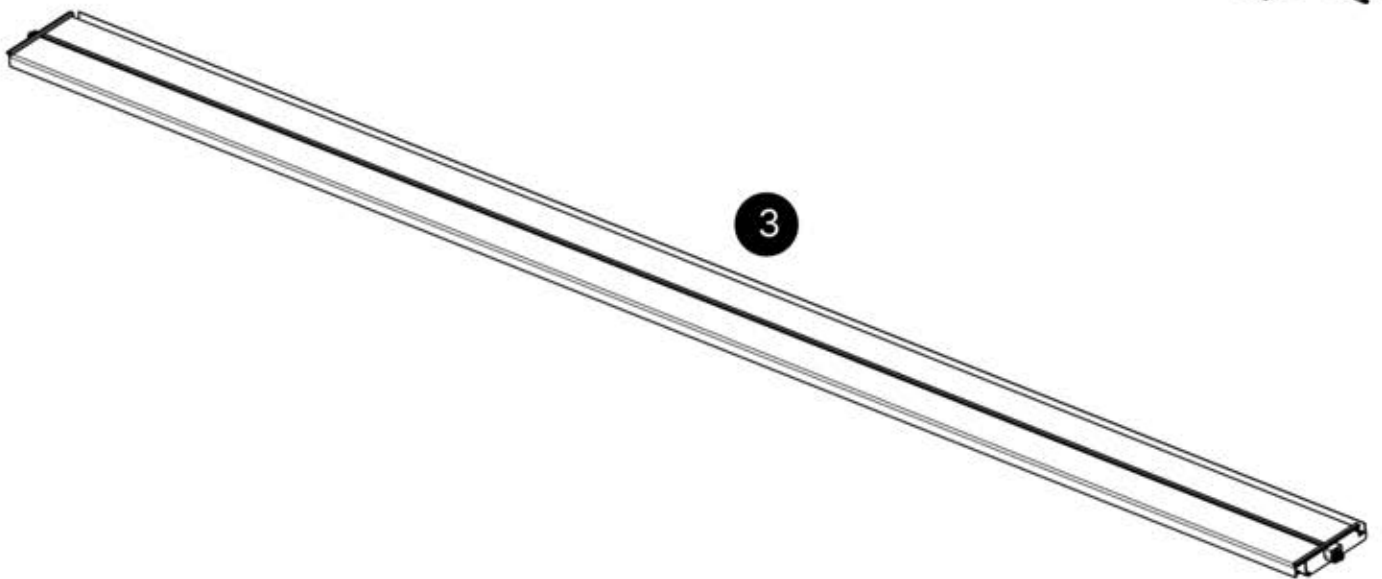
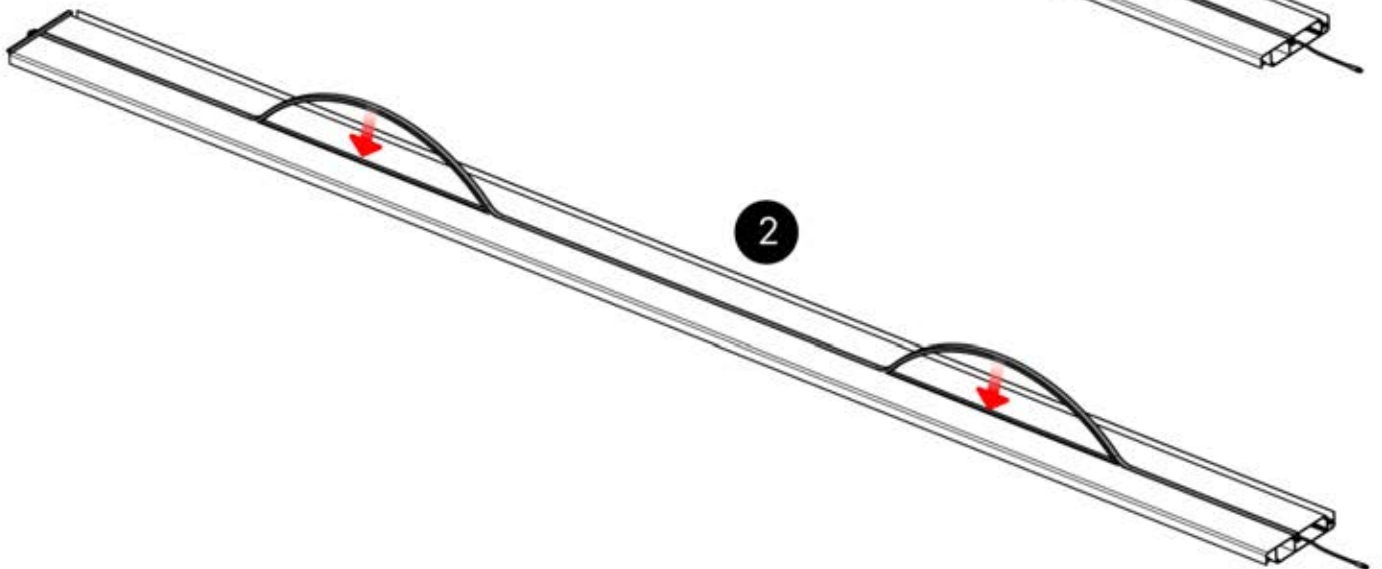
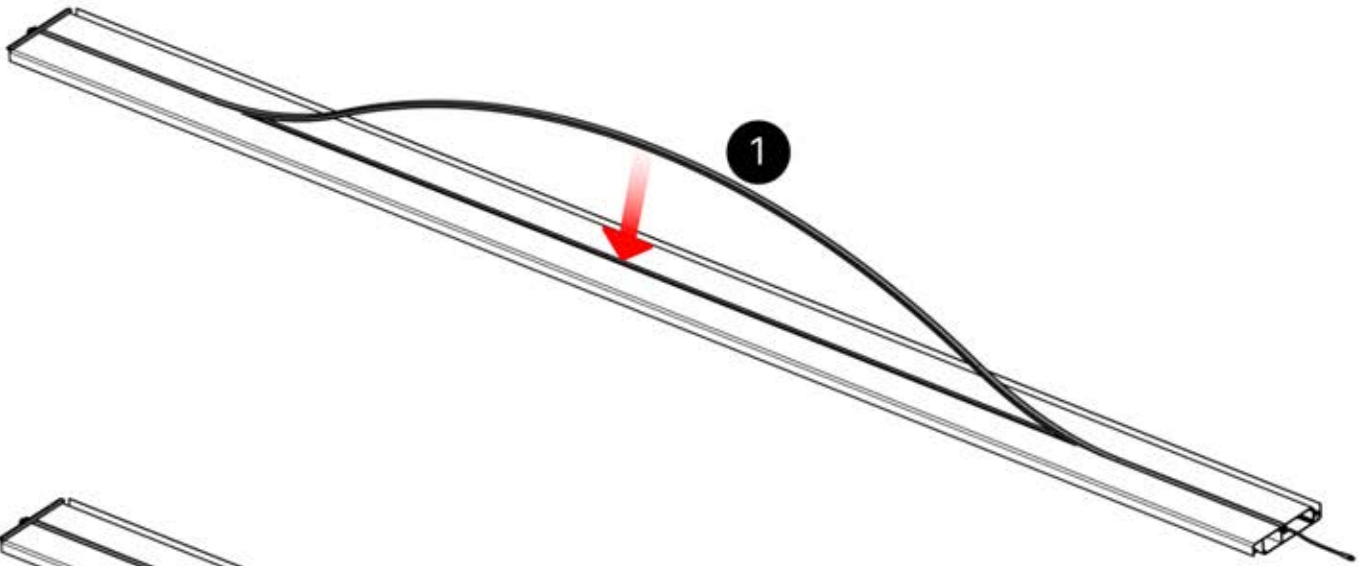
Remove these two components from the LED louver. Detaching them is necessary to facilitate the LED installation starting at step 63



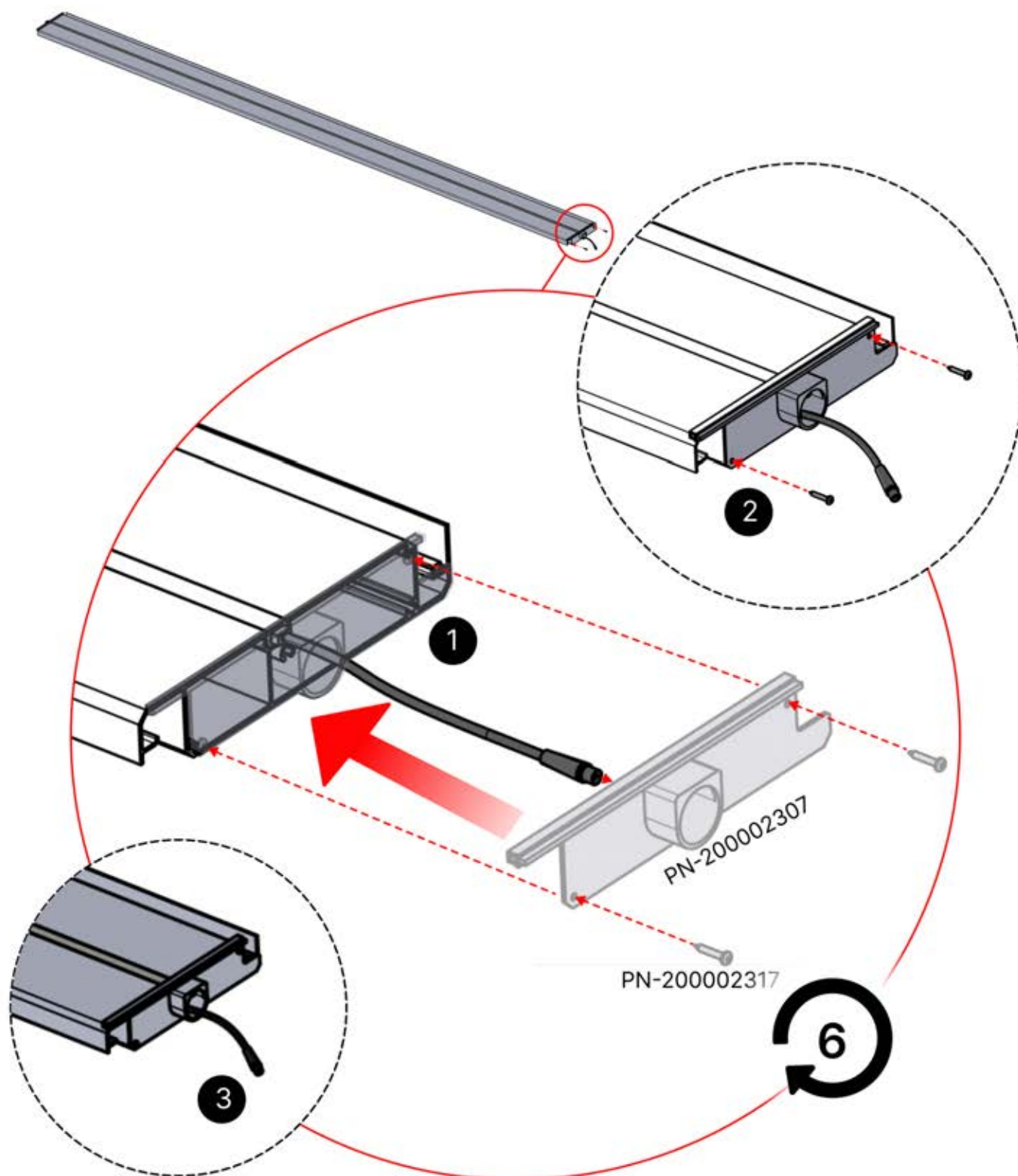
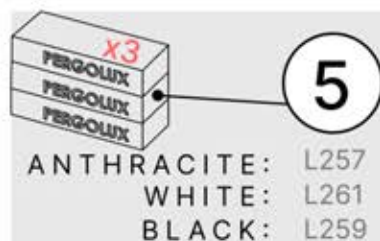
48



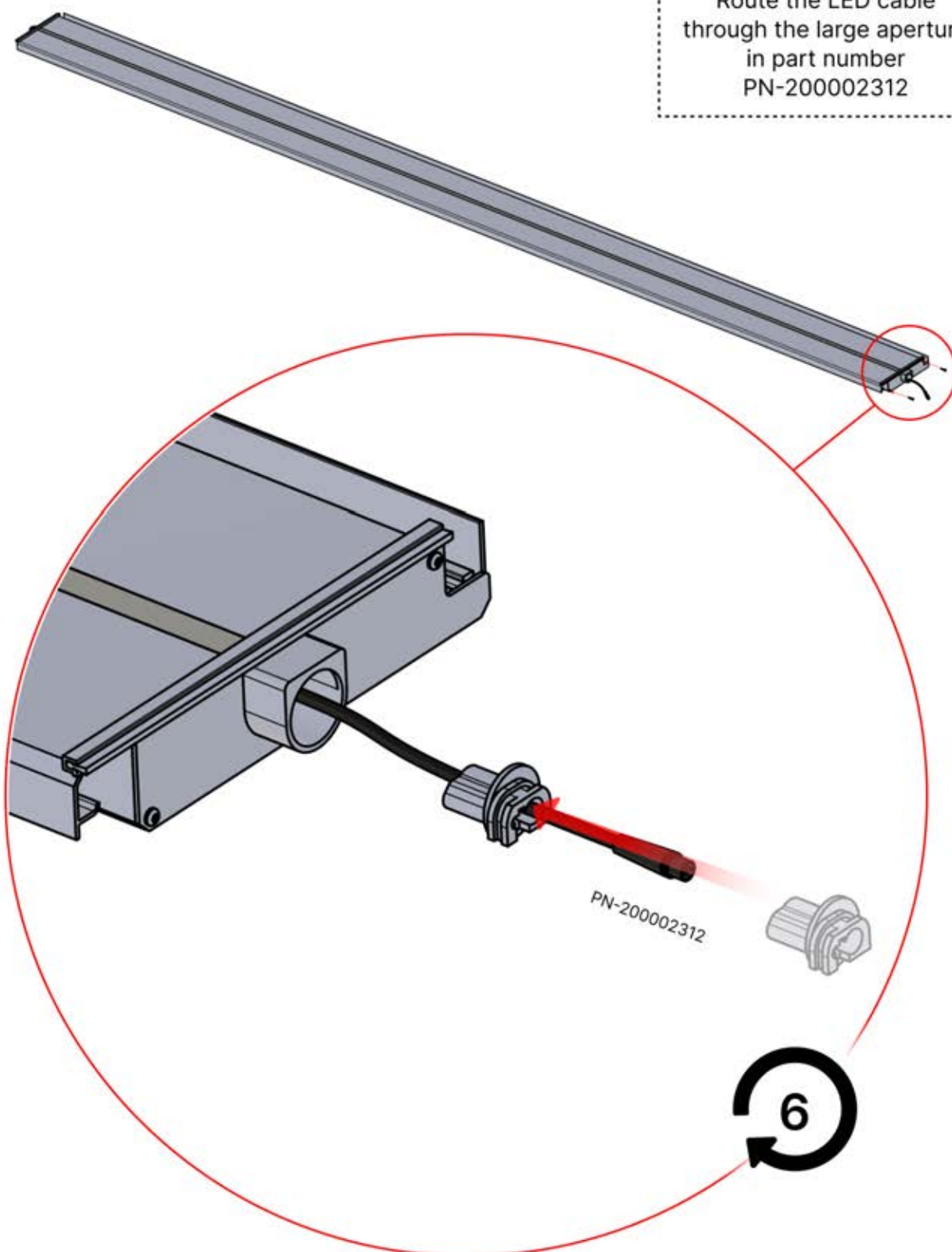
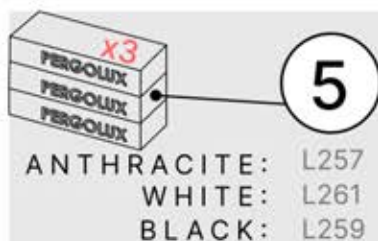
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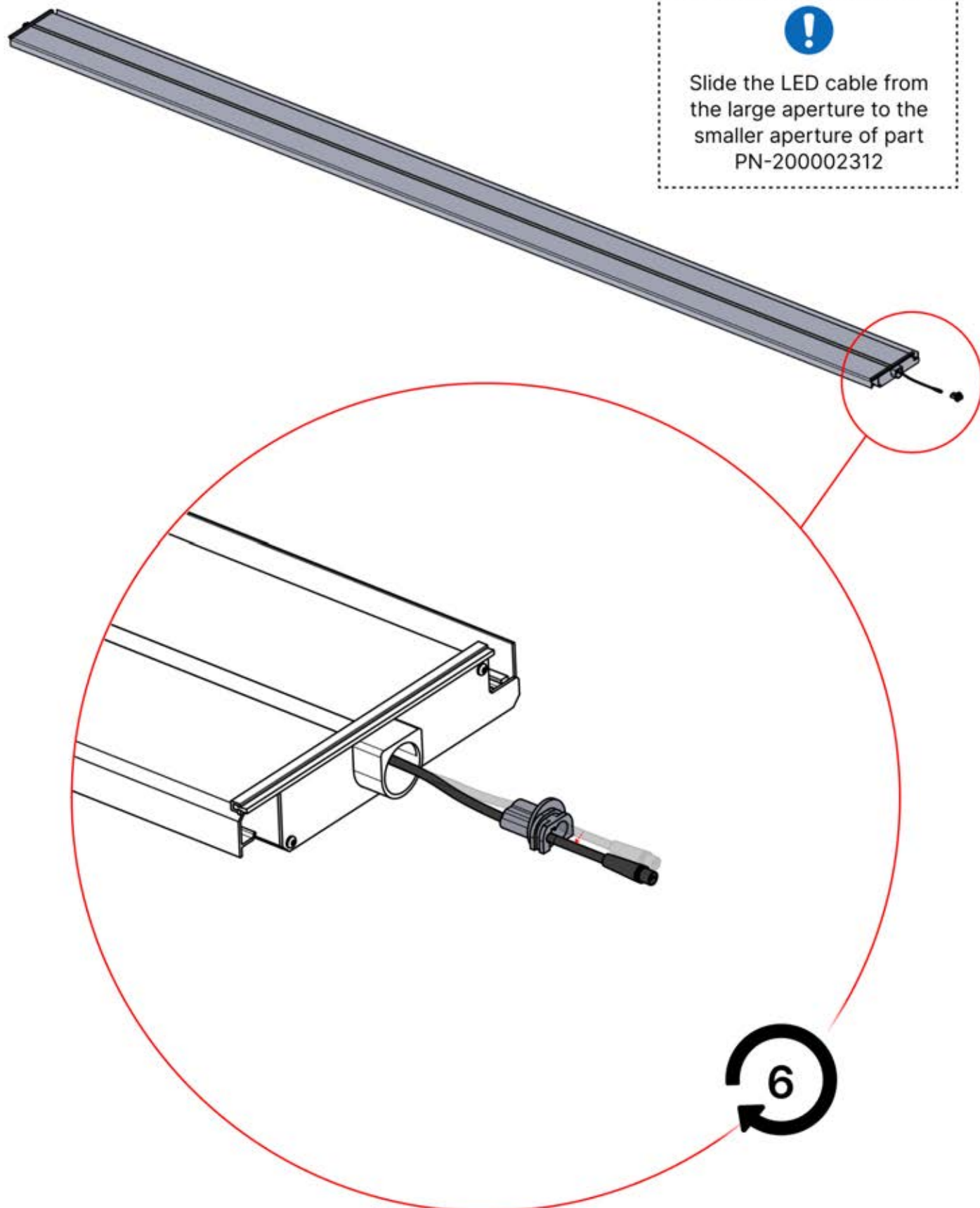
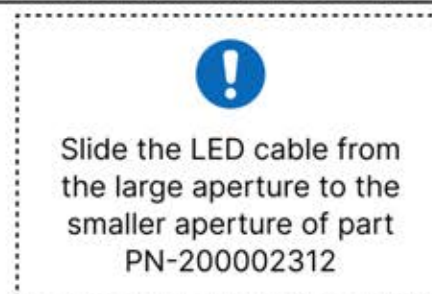
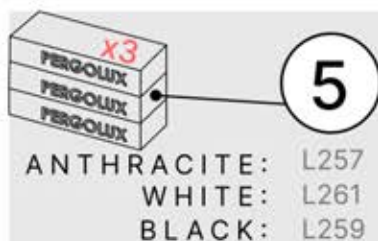
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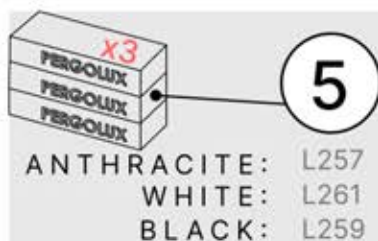
51



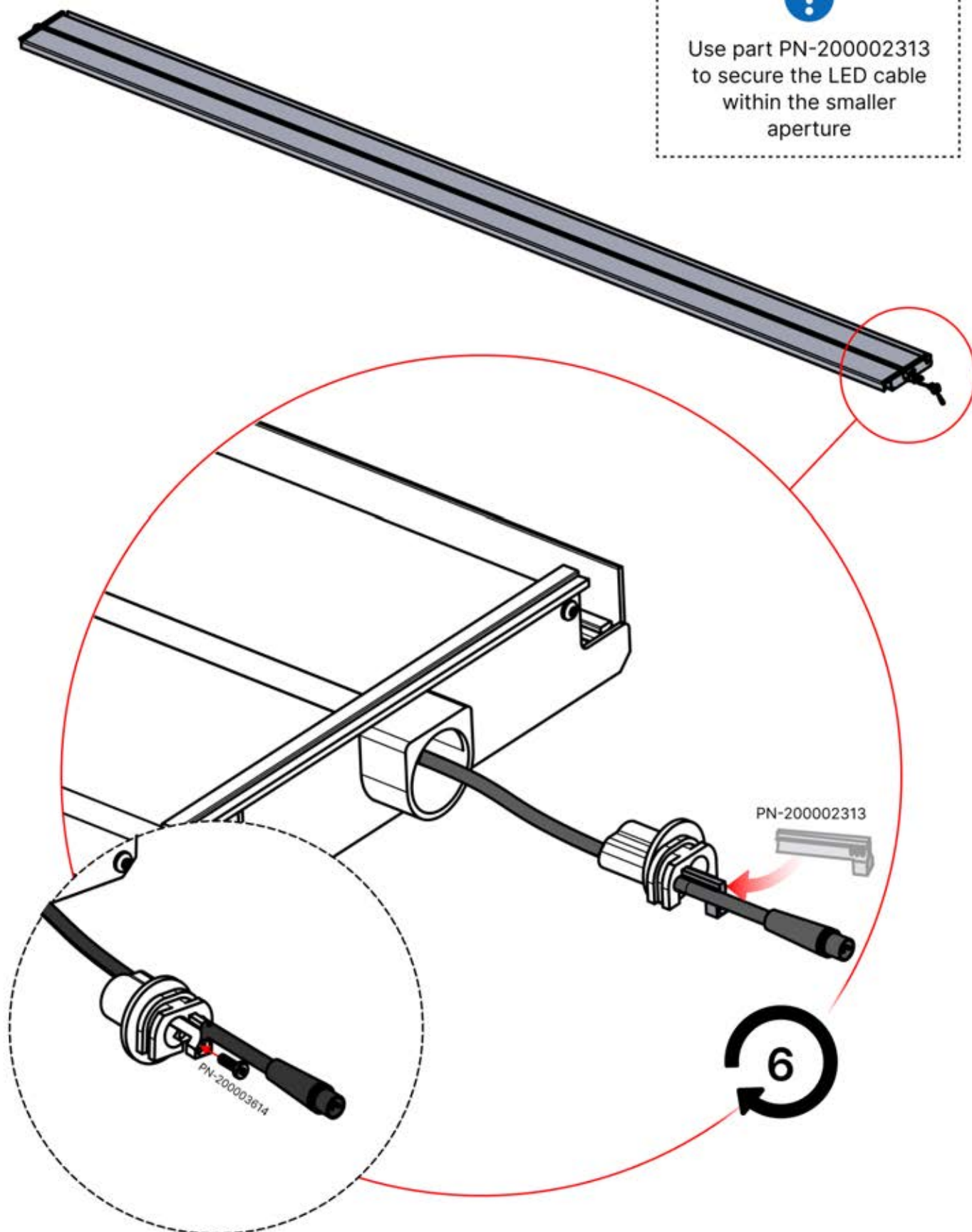
52



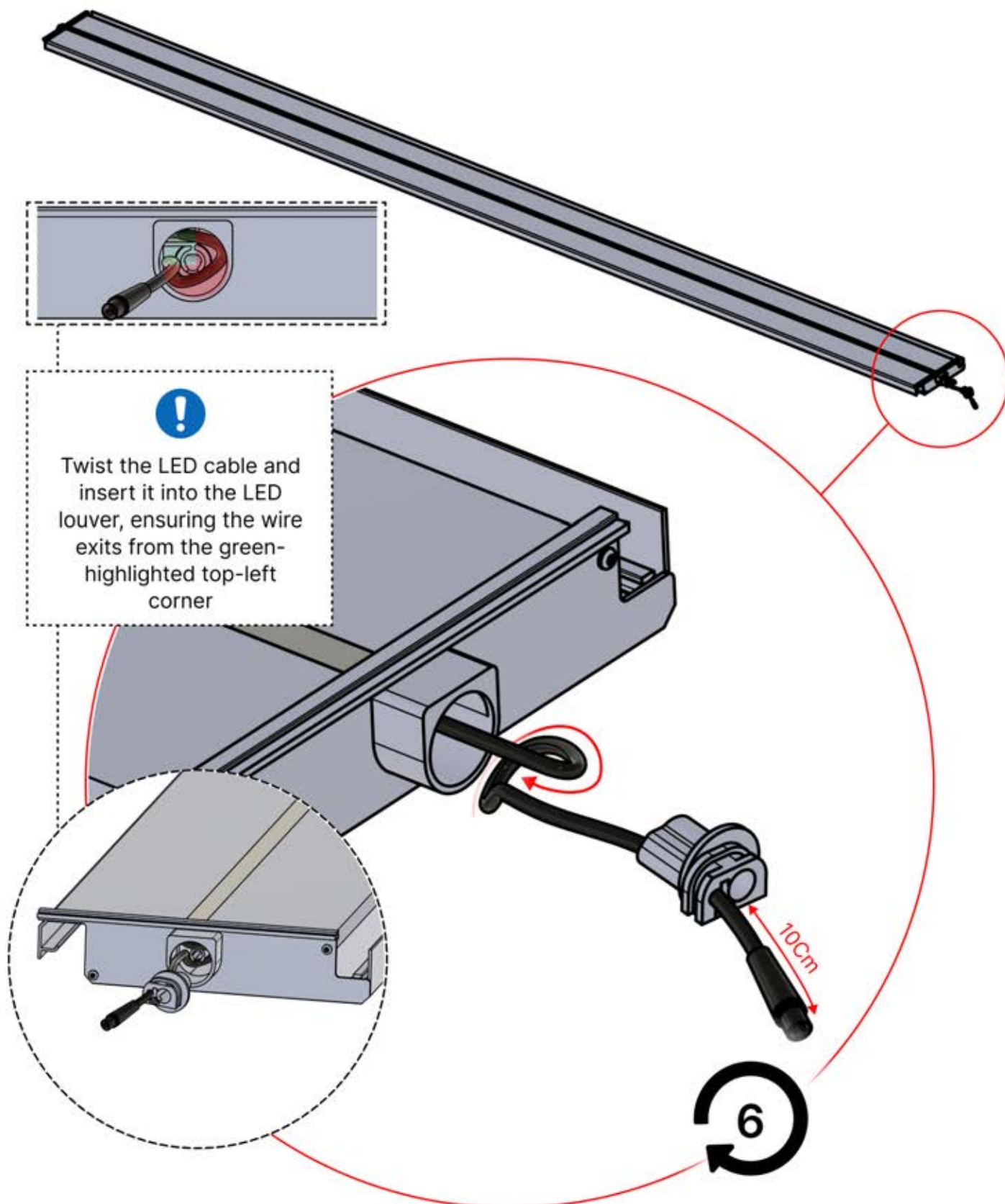
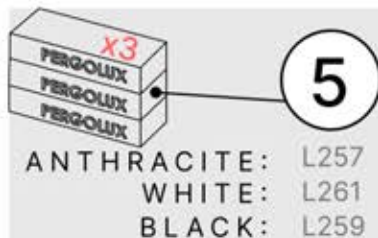
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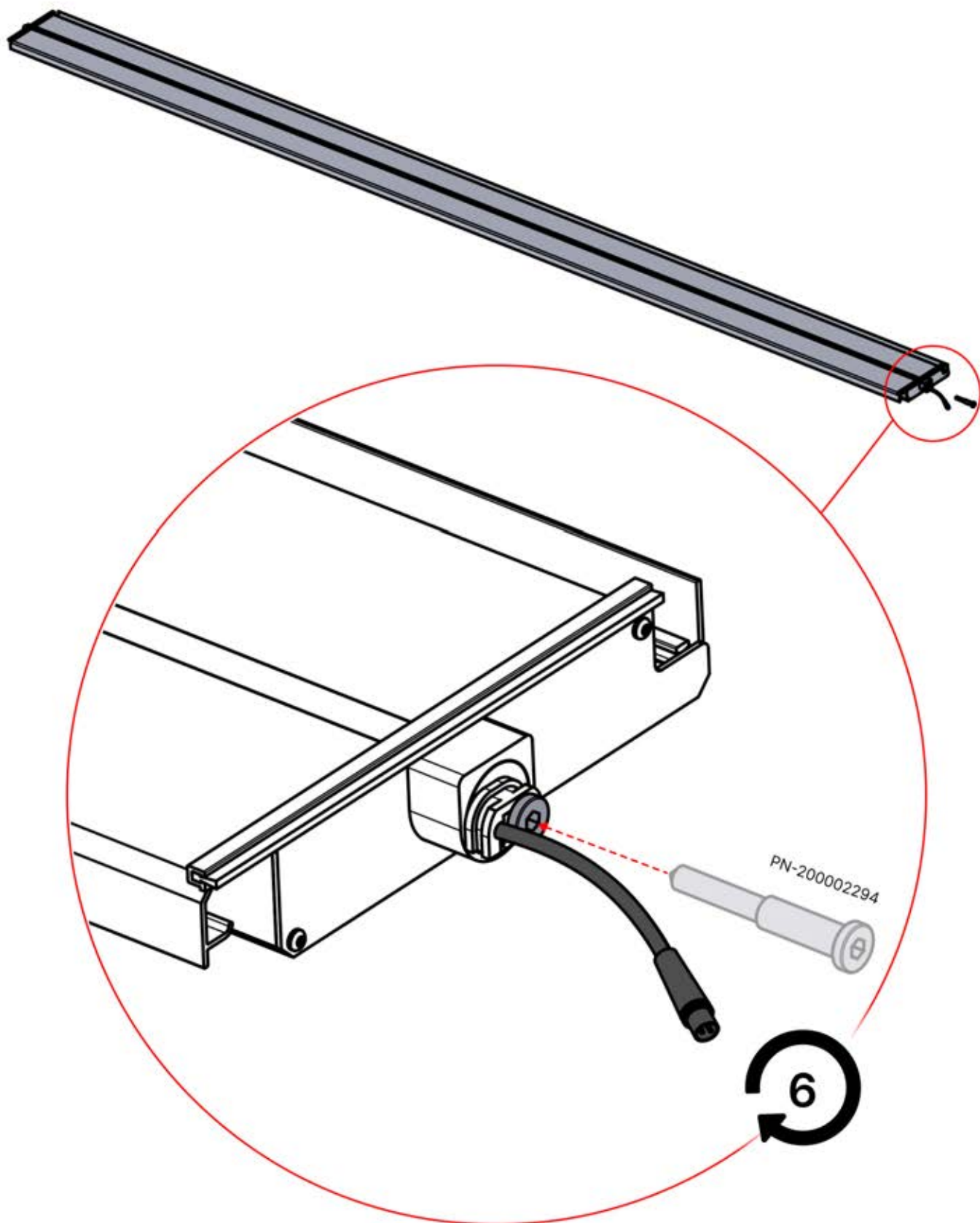
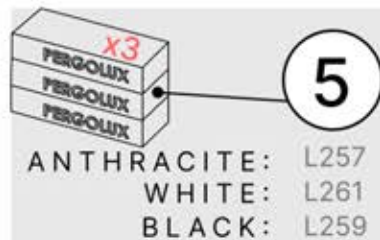
Use part PN-200002313 to secure the LED cable within the smaller aperture



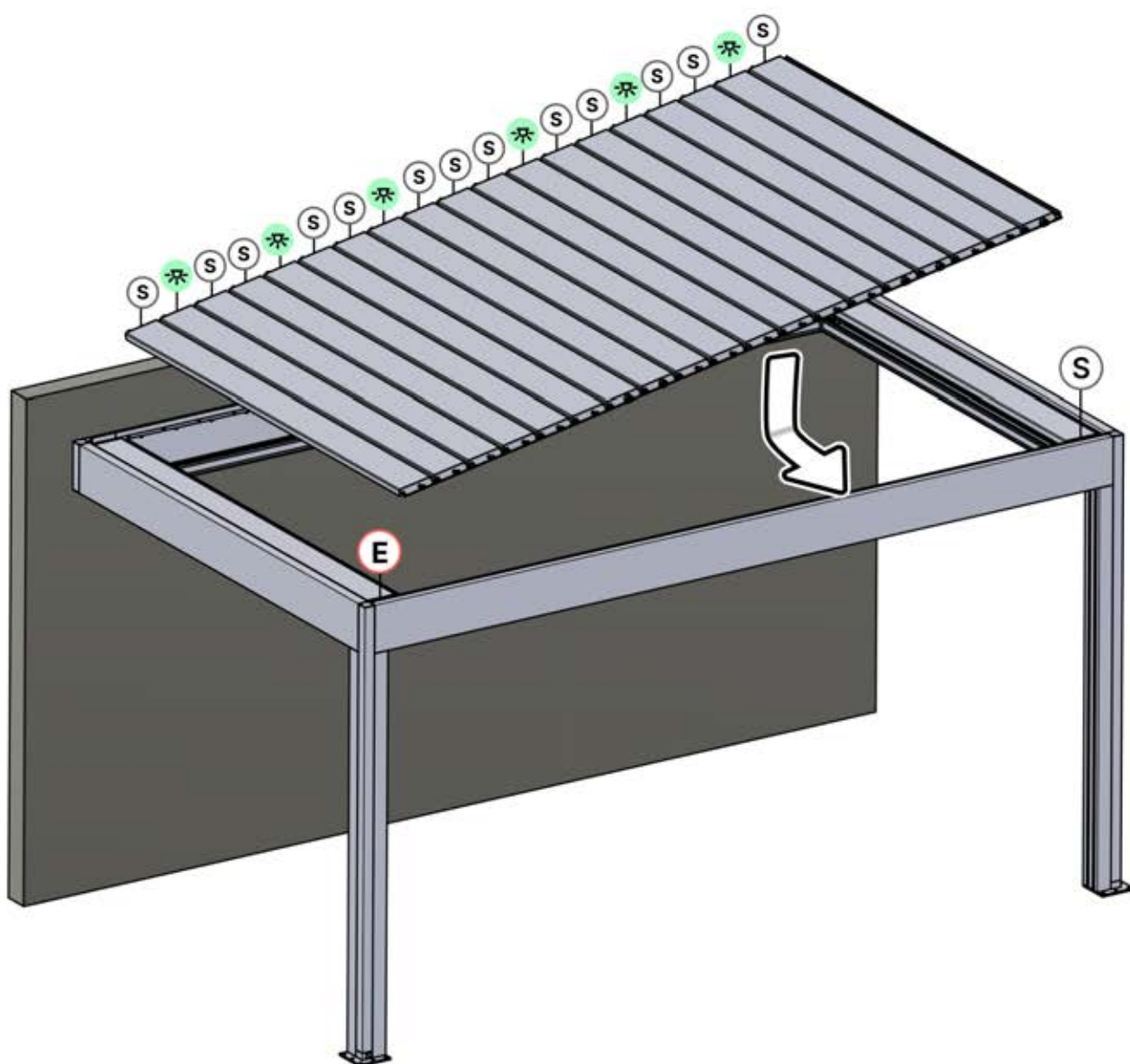
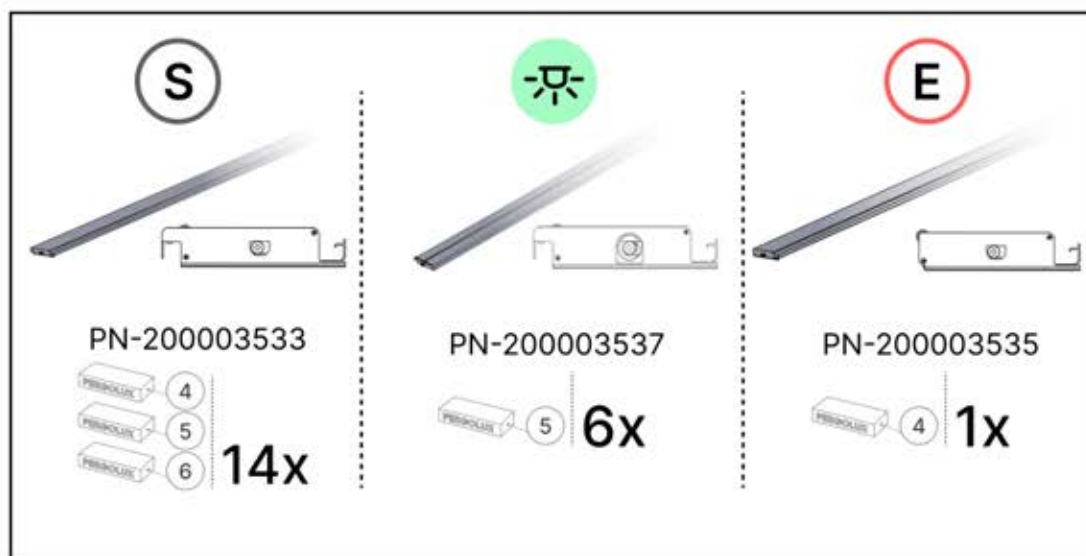
54



55



56



57



4

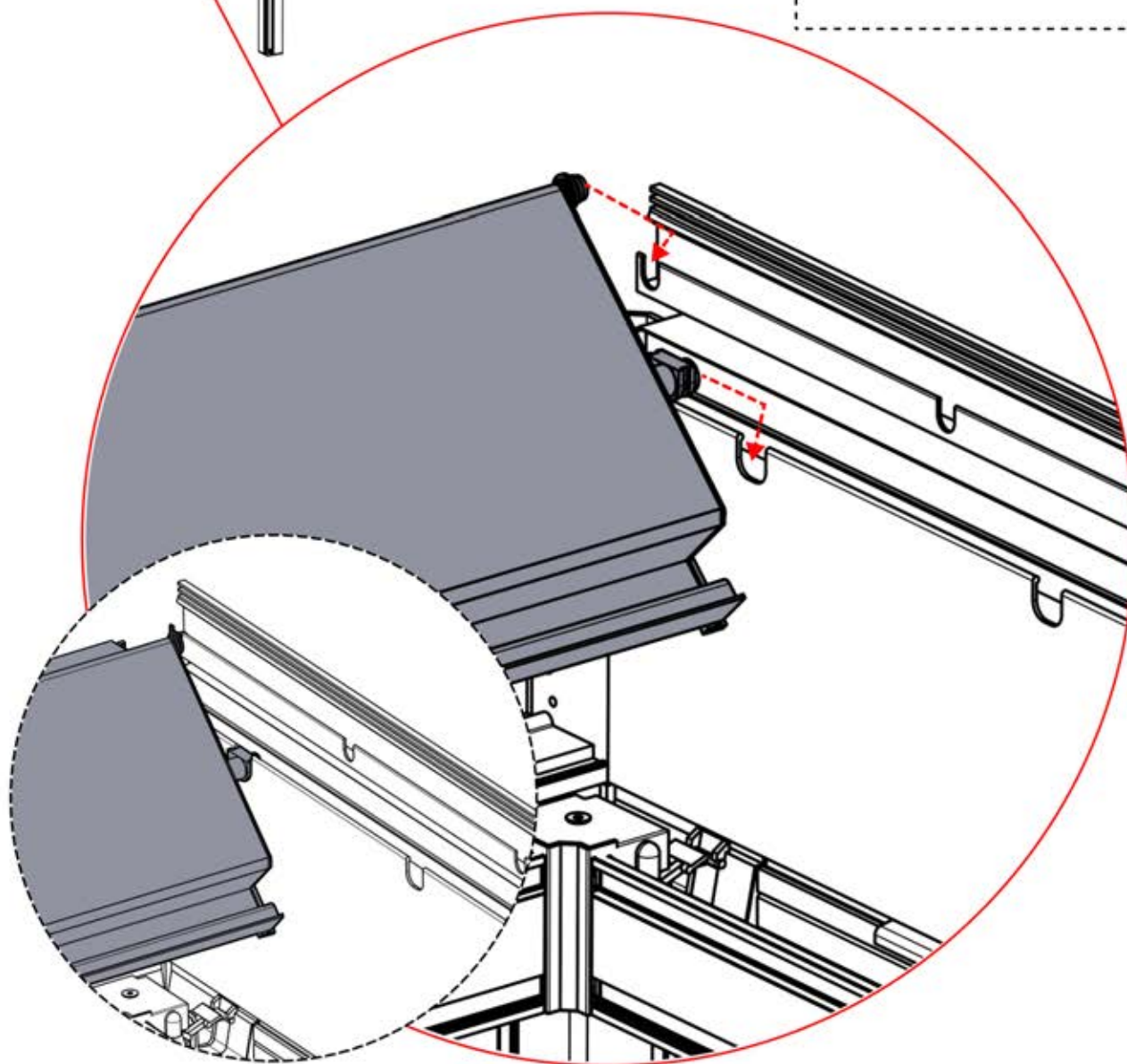
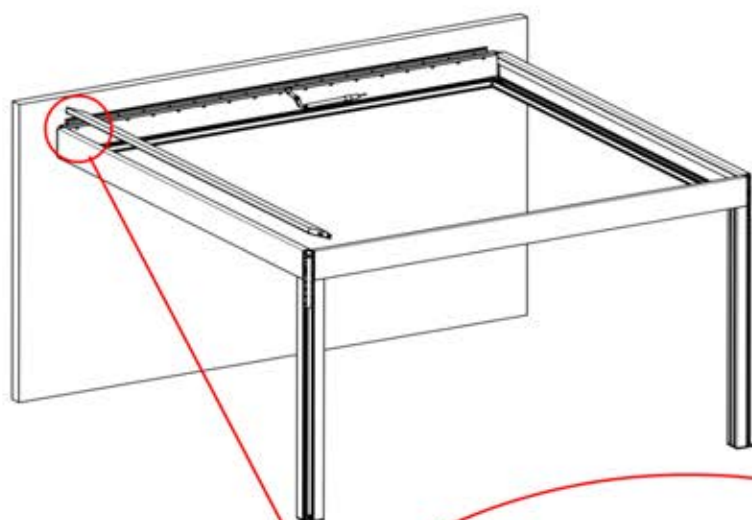
ANTHRACITE: L269
WHITE: L273
BLACK: L271

E



PN-200003535

1x



58



4

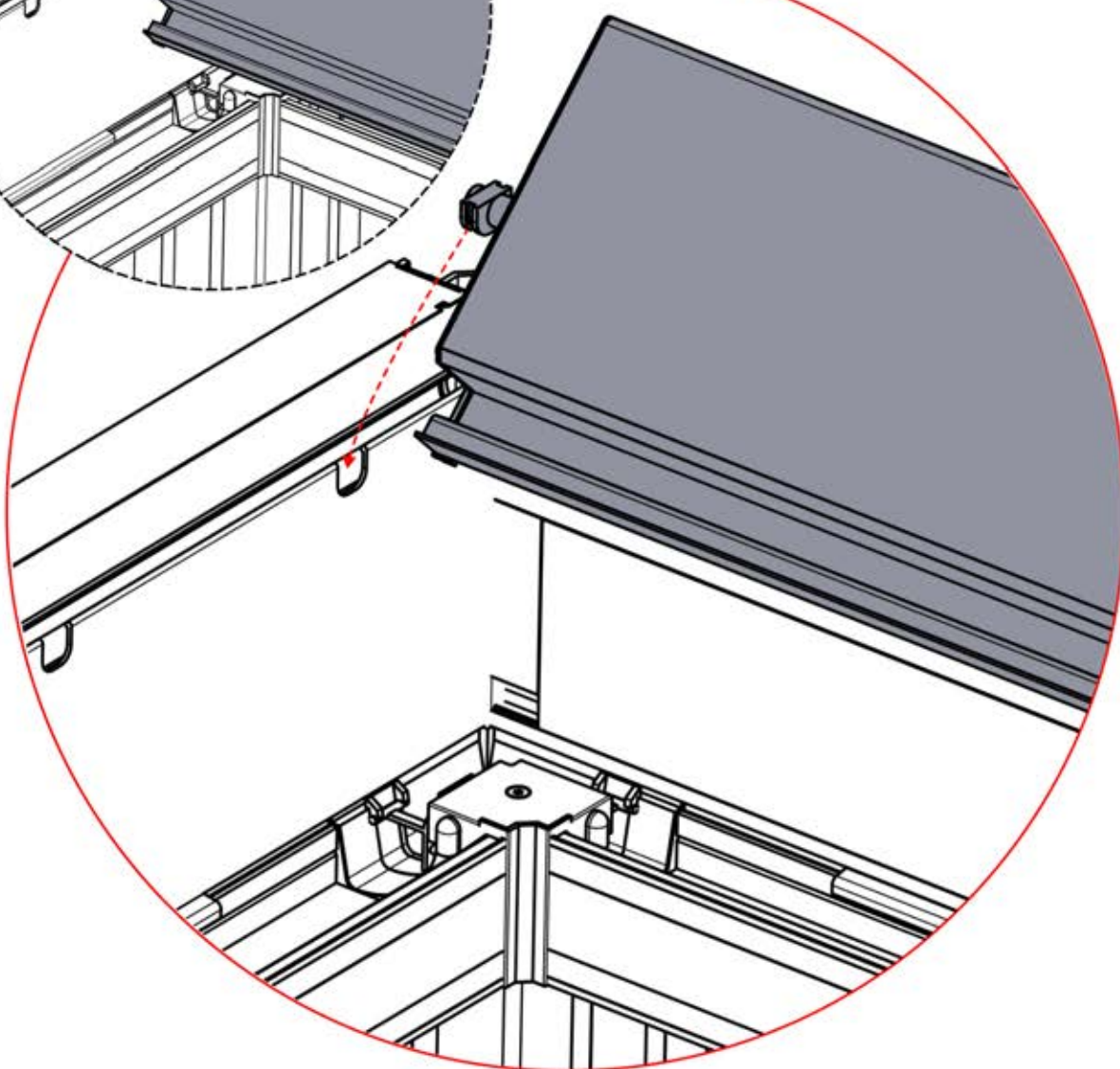
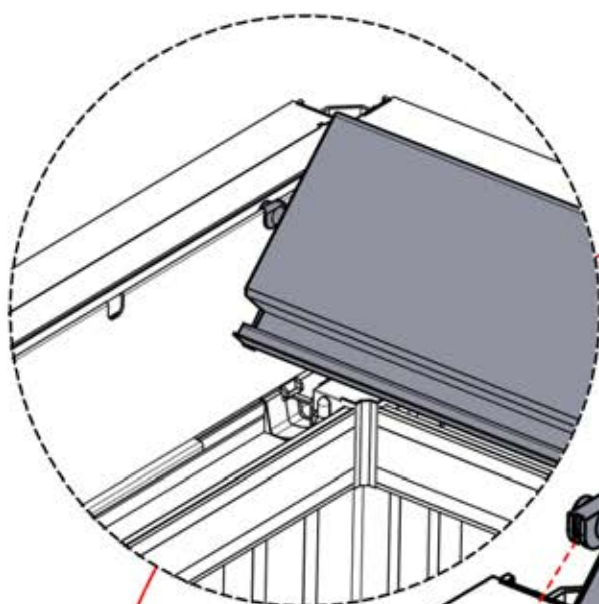
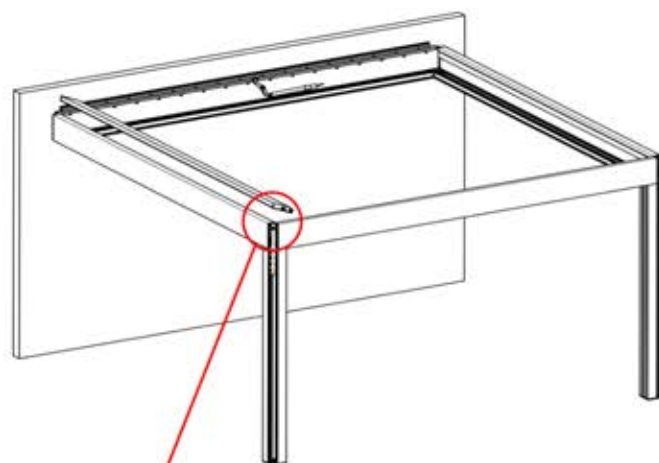
ANTHRACITE: L269
WHITE: L273
BLACK: L271

E

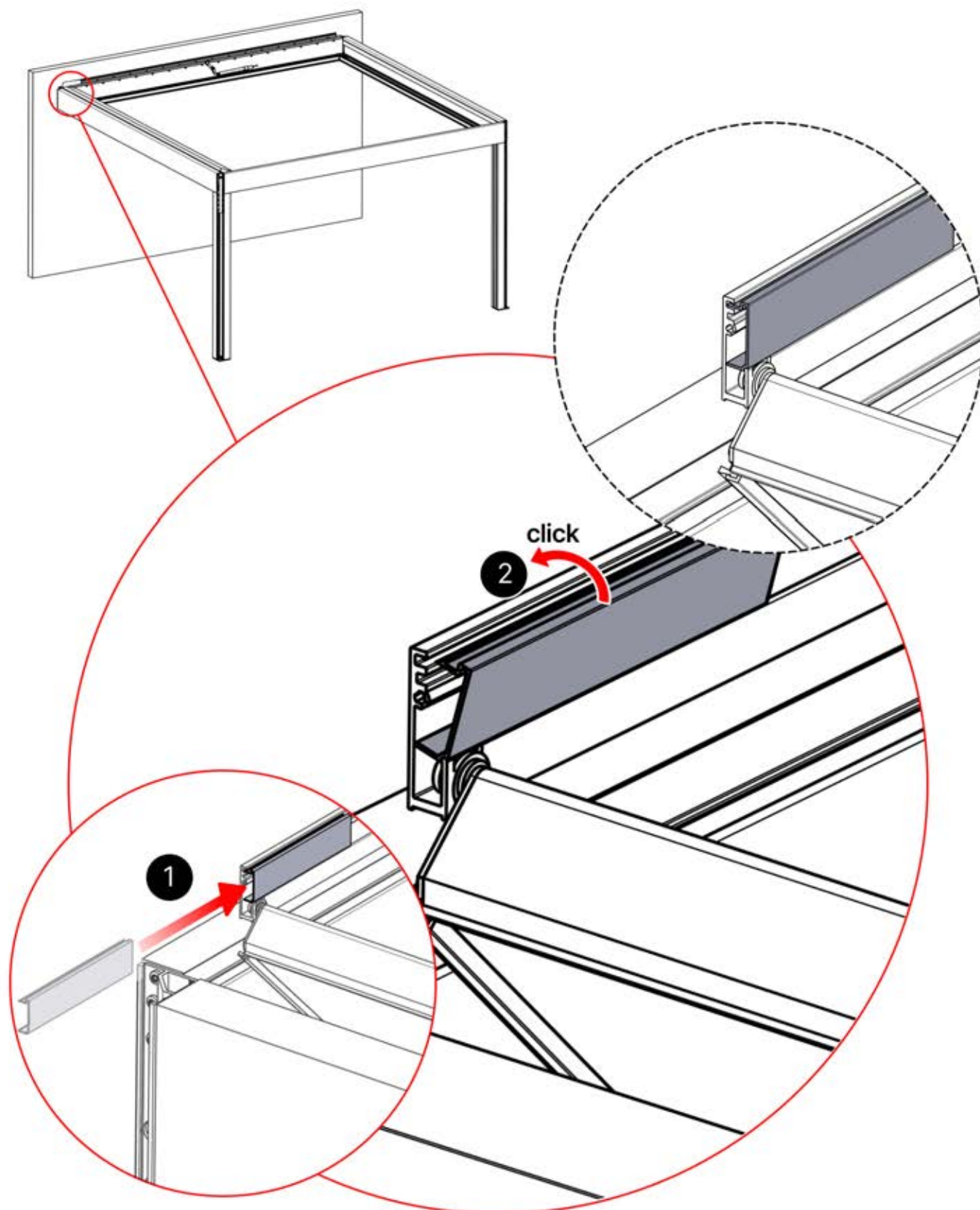
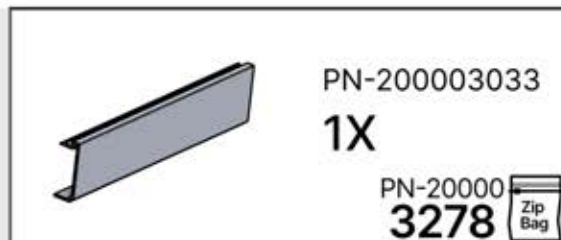
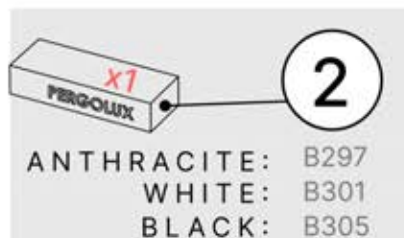


PN-200003535

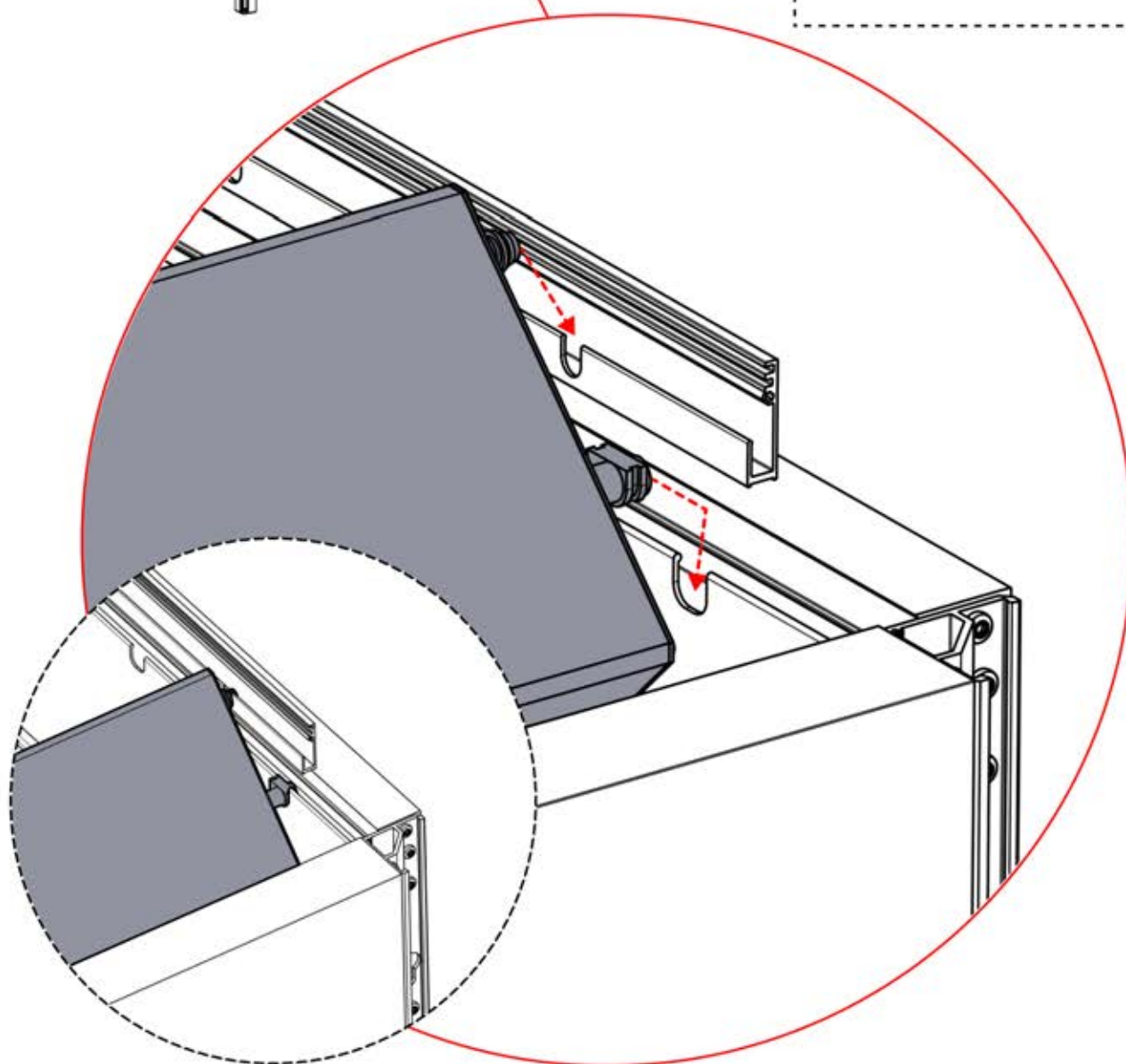
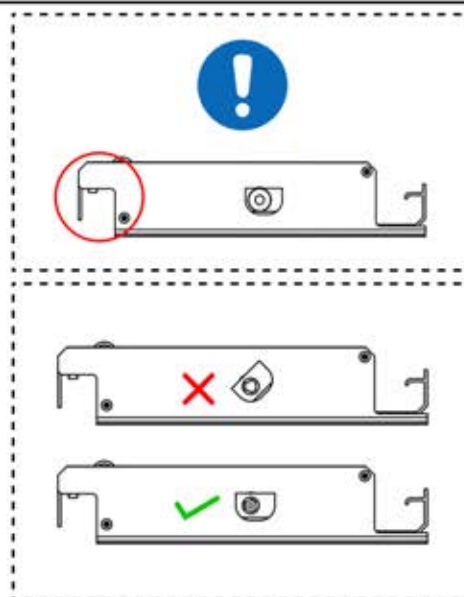
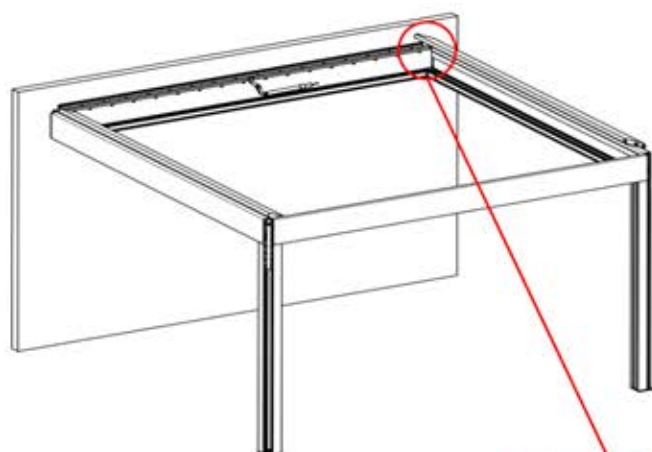
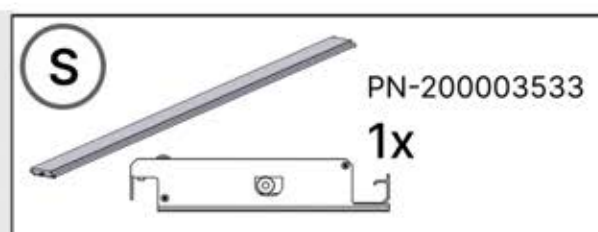
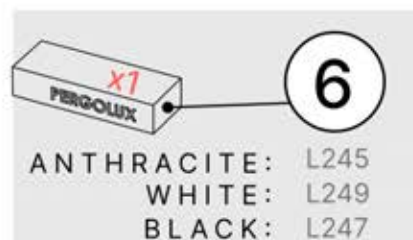
1x



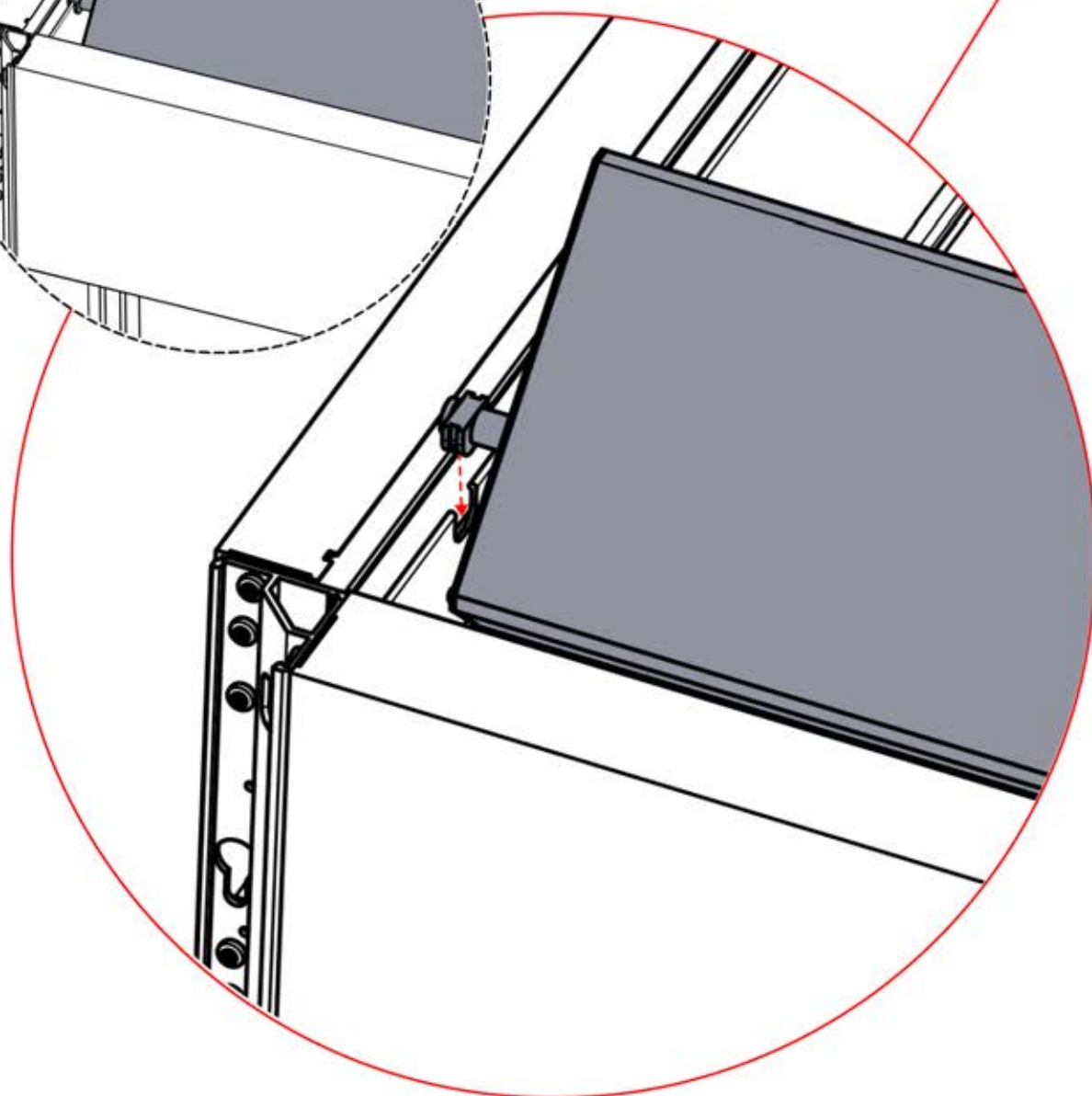
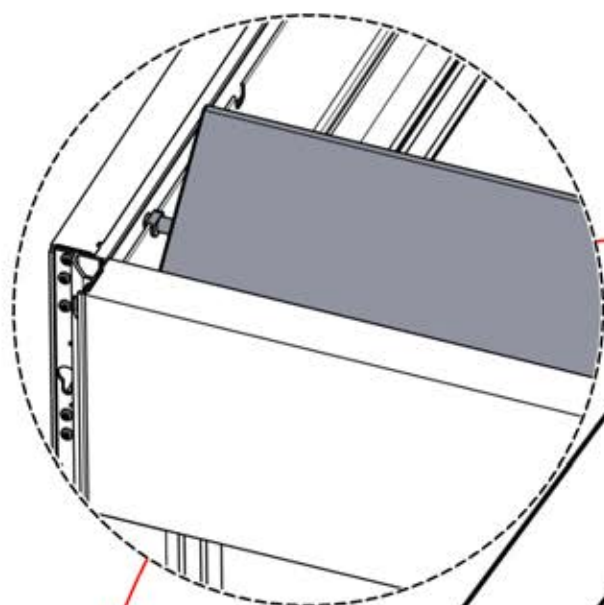
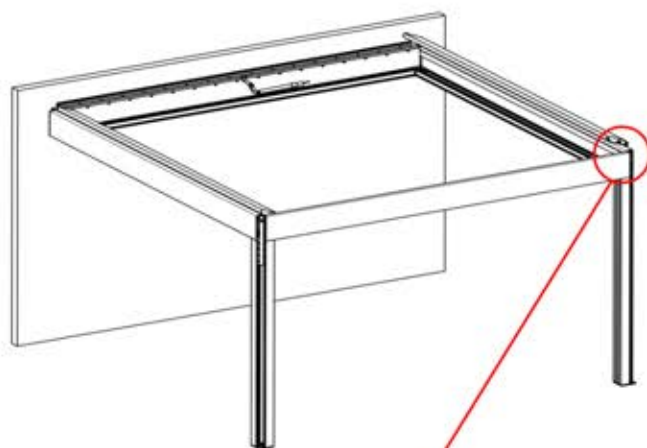
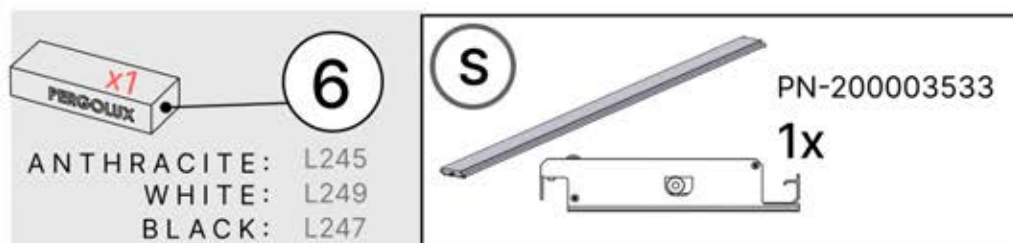
59



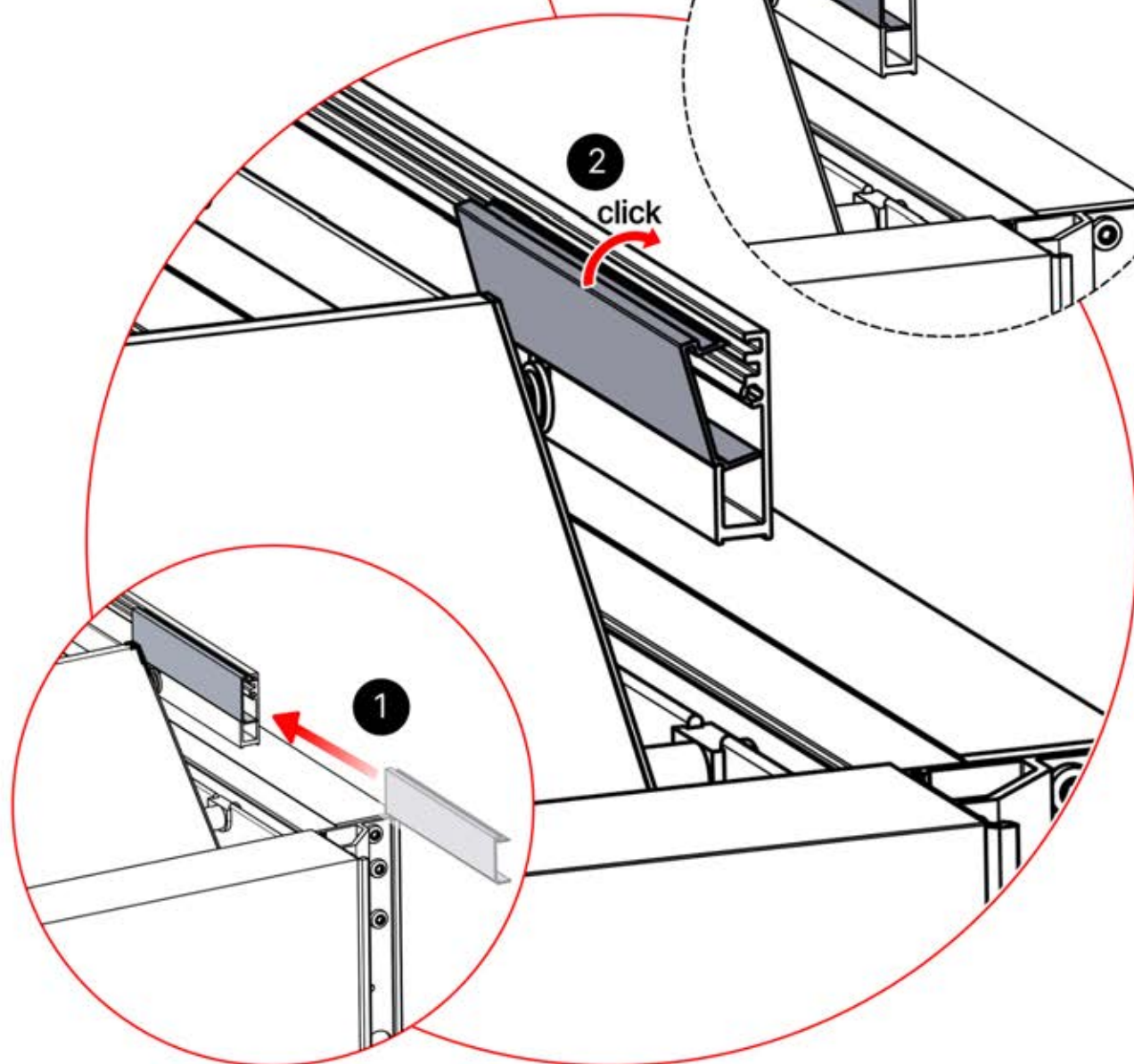
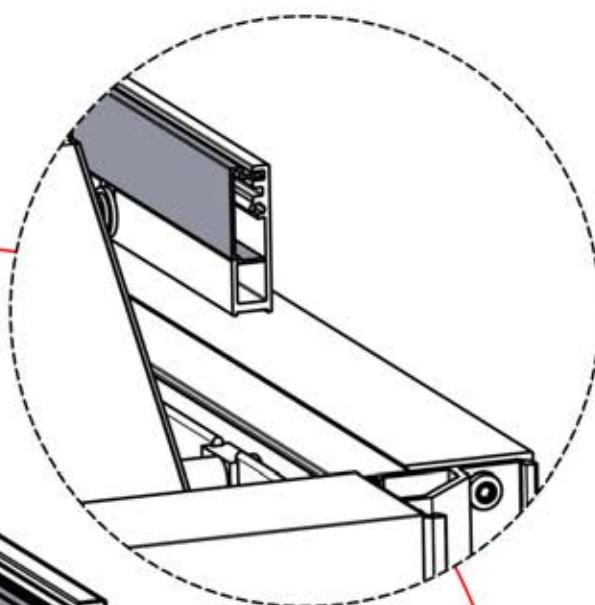
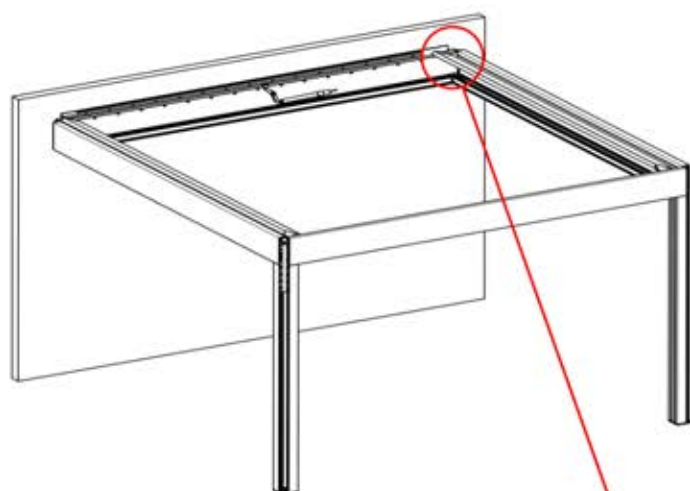
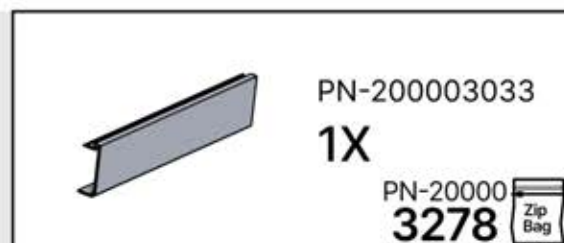
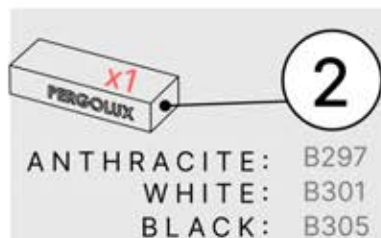
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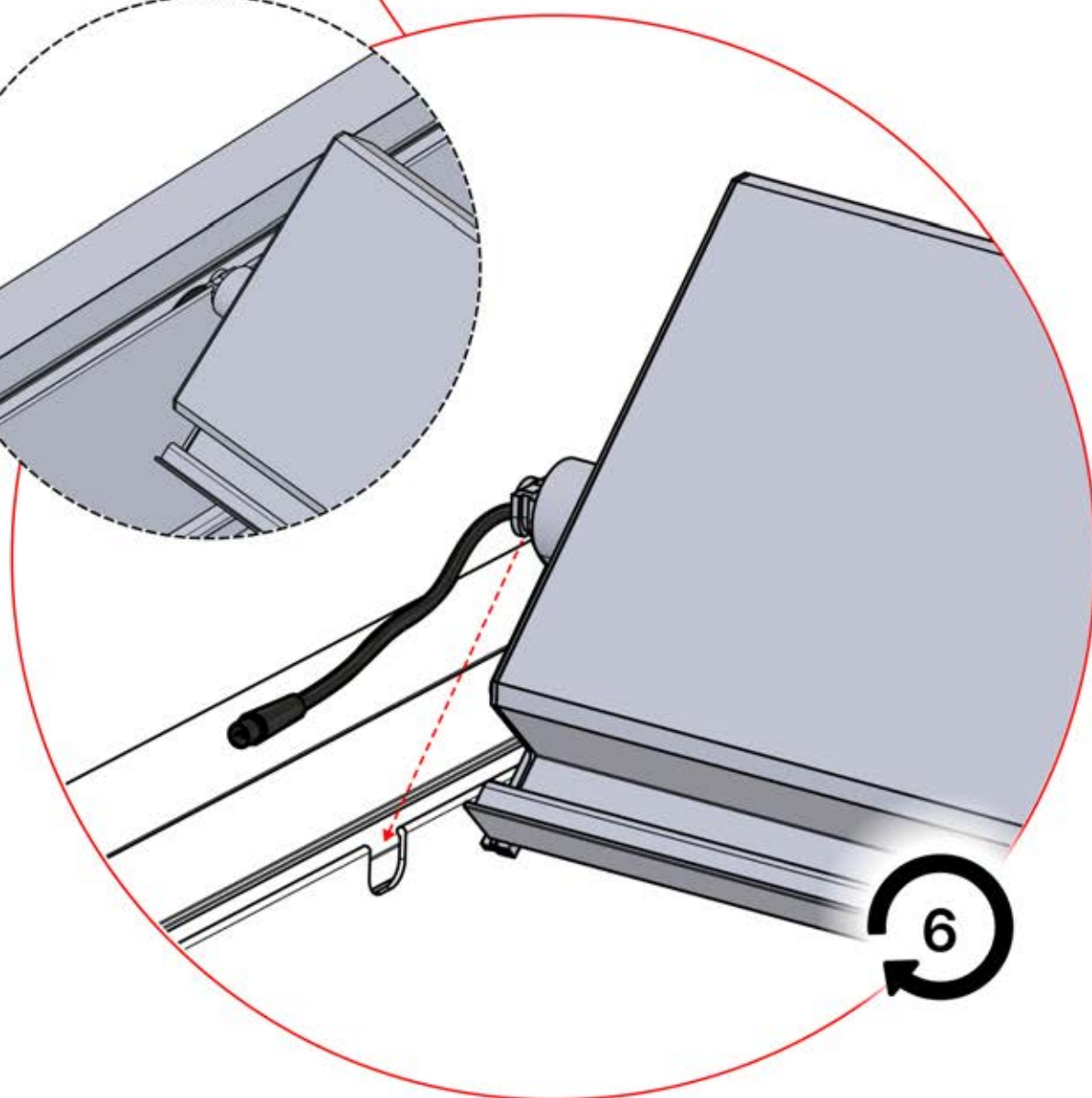
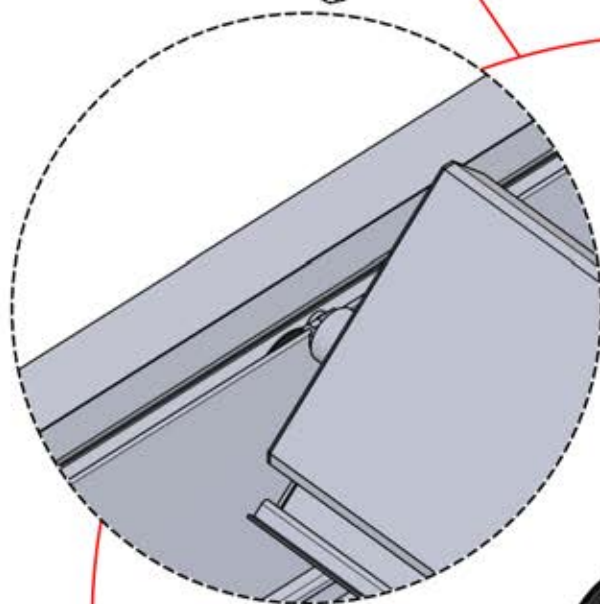
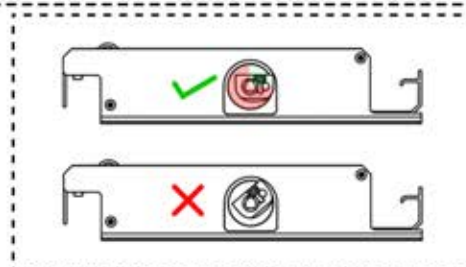
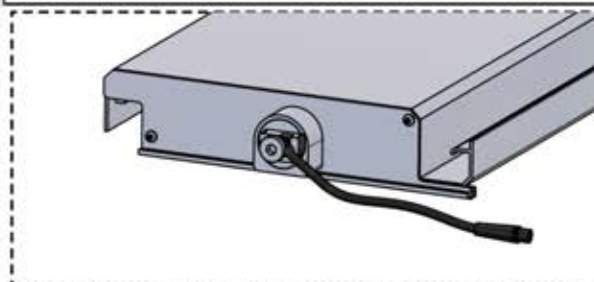
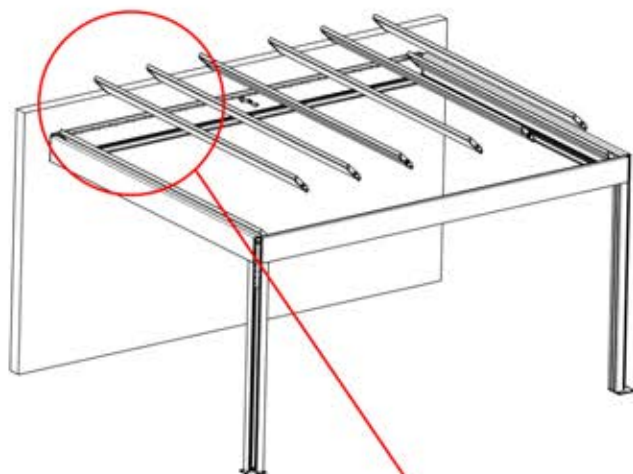
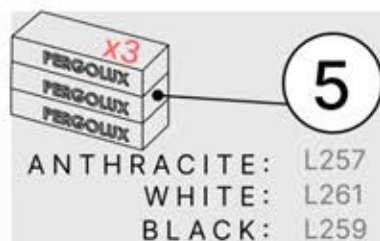
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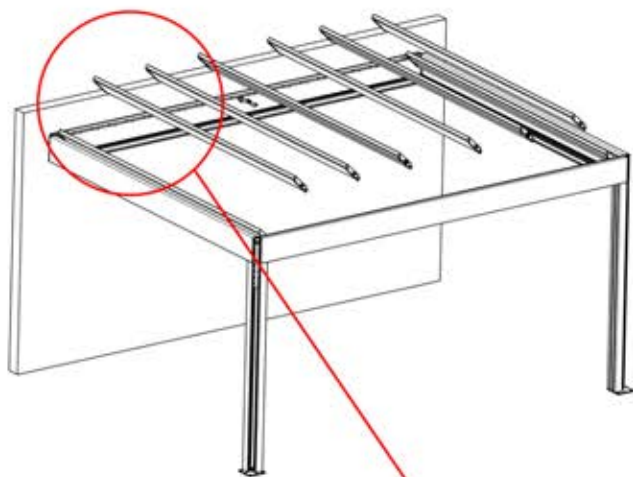


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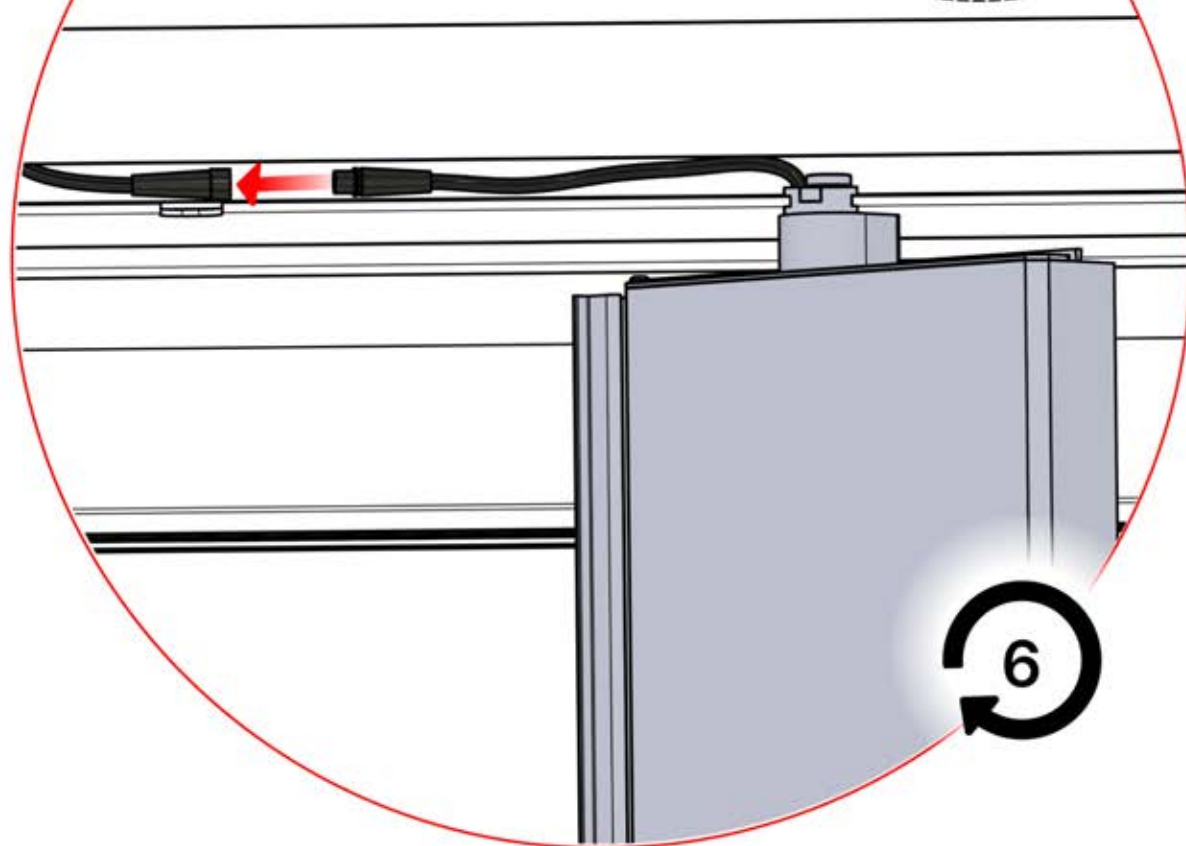
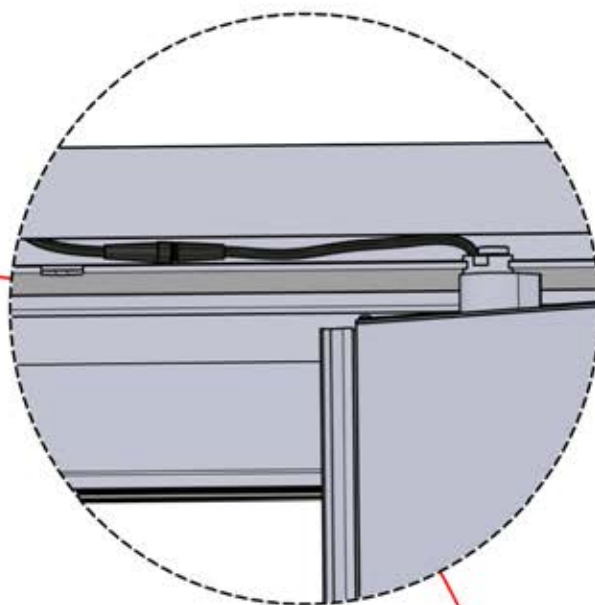


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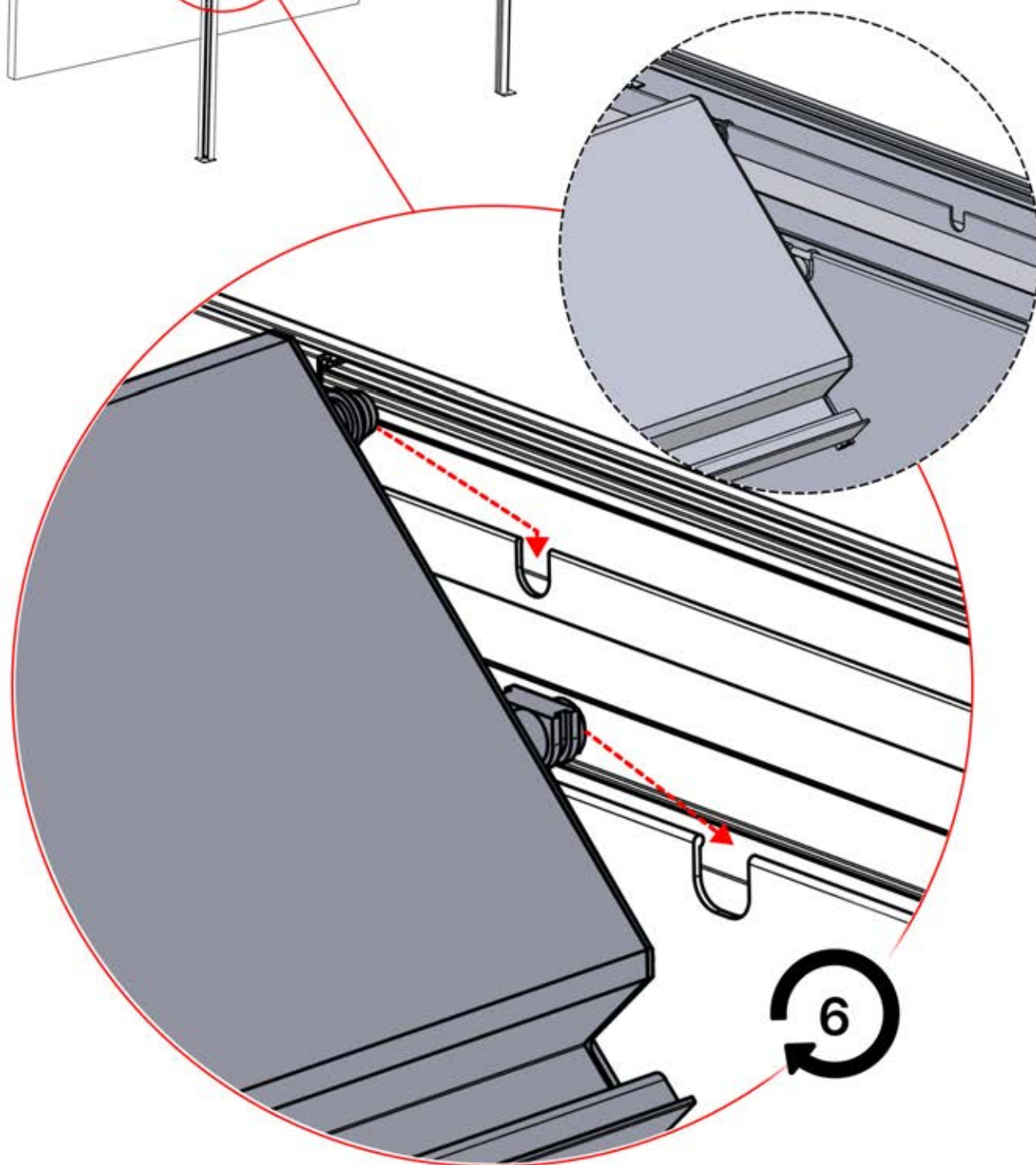
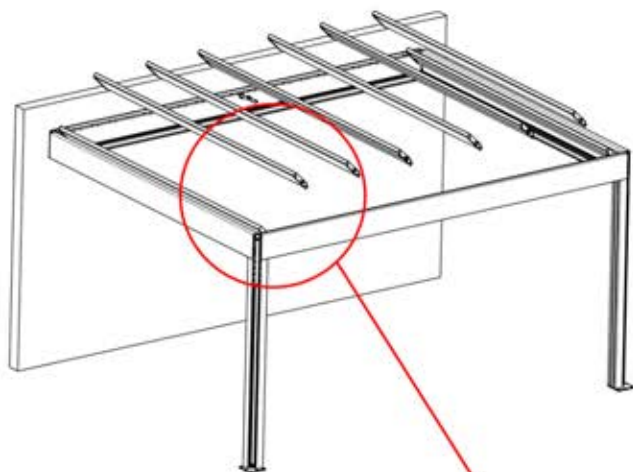
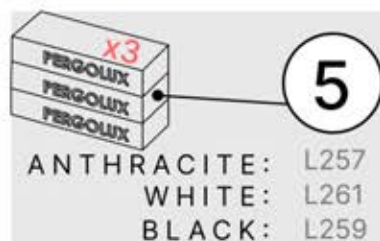




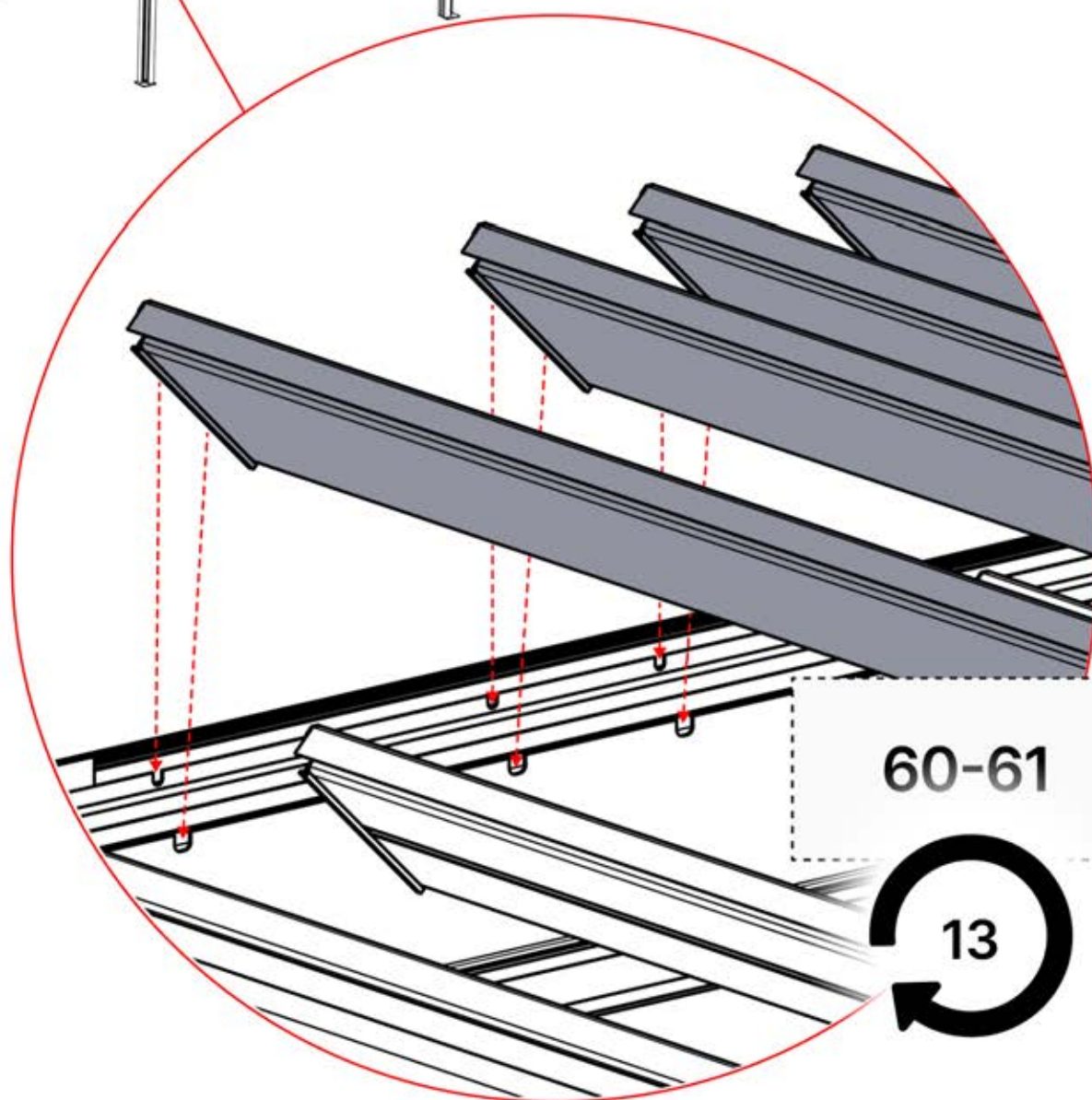
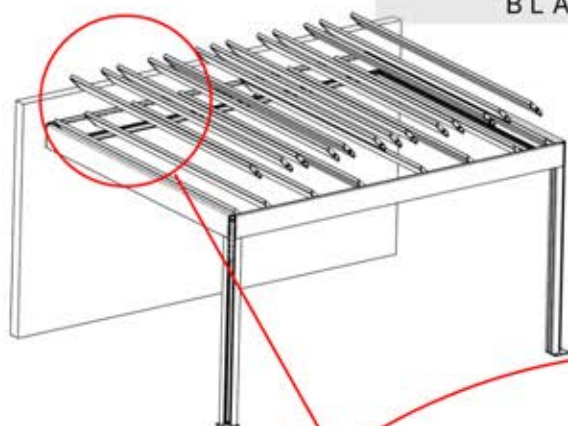
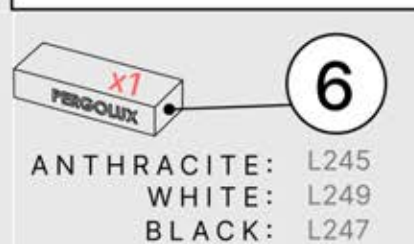
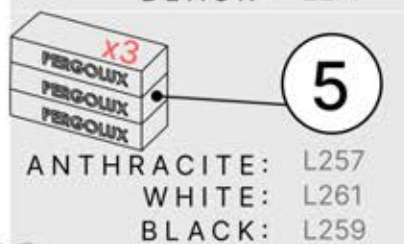
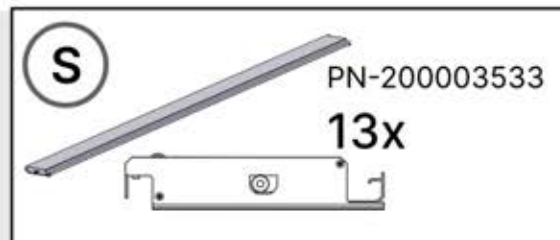
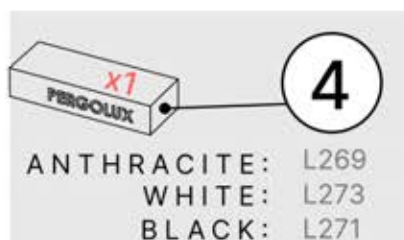
!
Connect the LED
cable to the 4-pin LED
wire



65



66



60-61

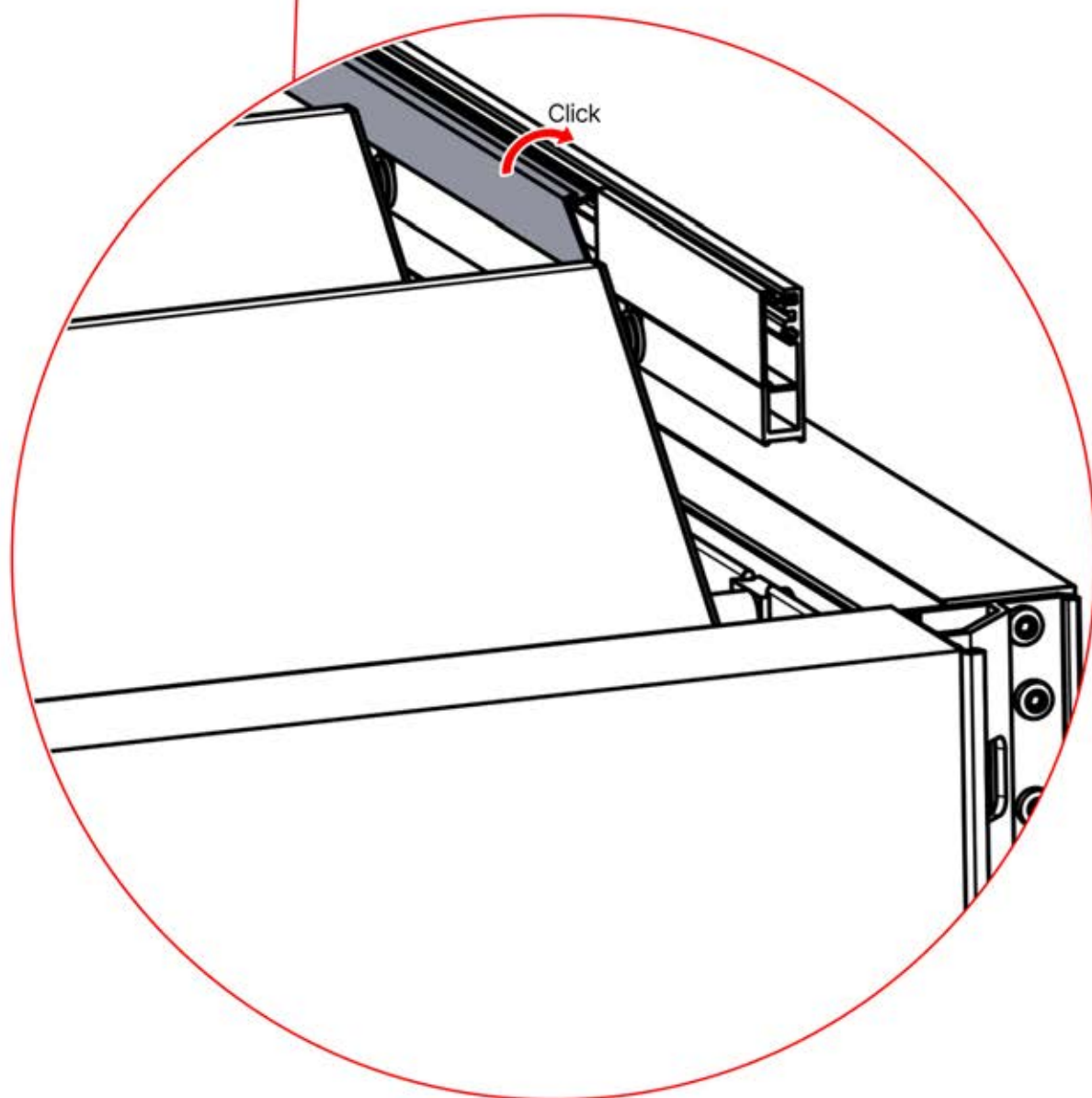
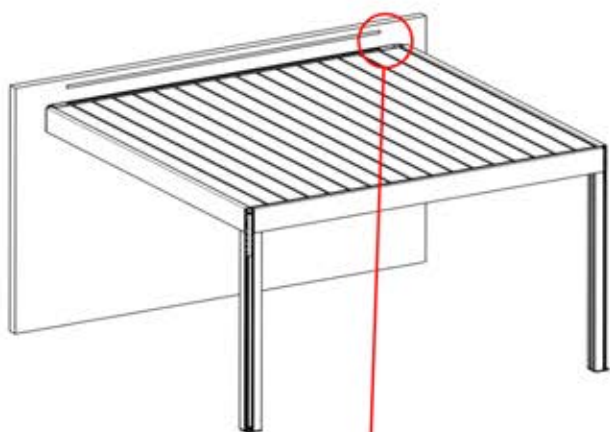
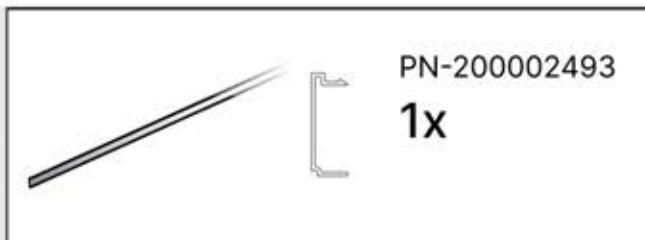
13

67

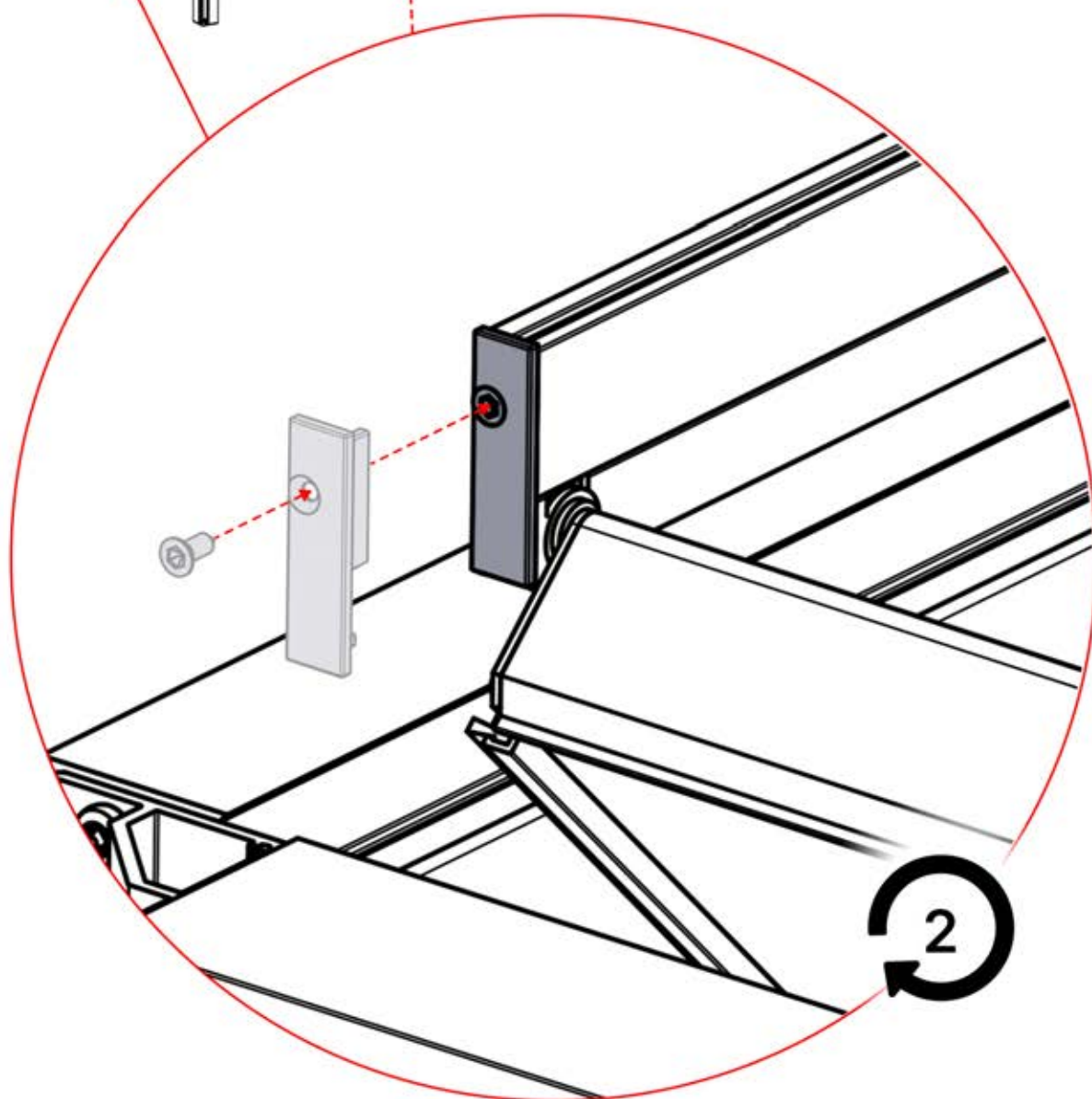
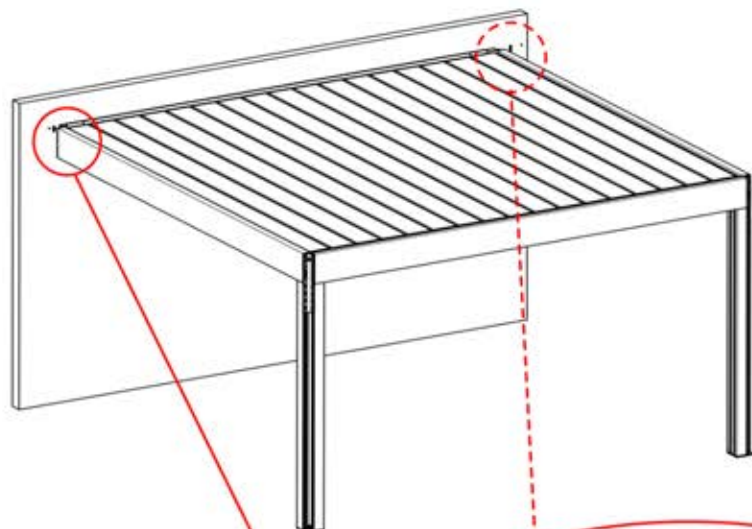
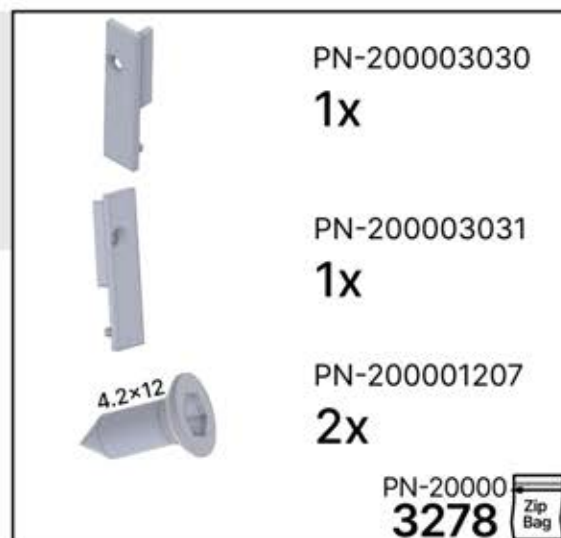
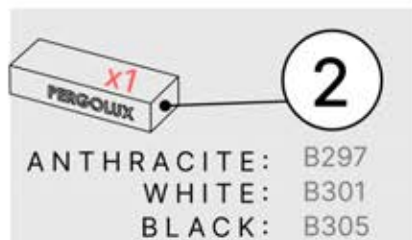


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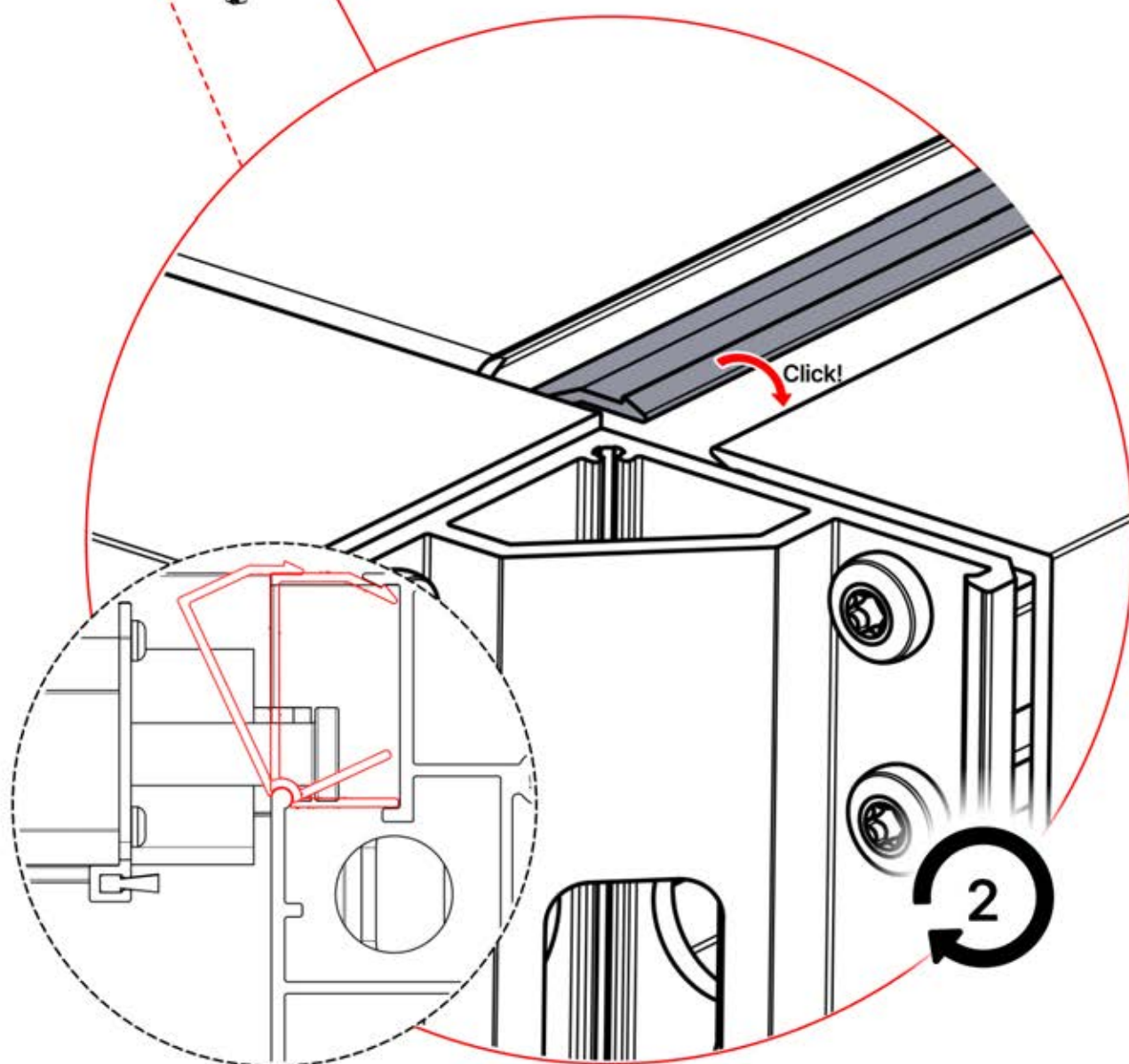
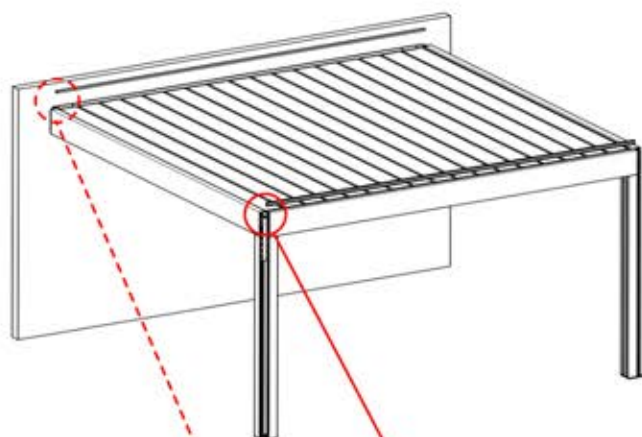
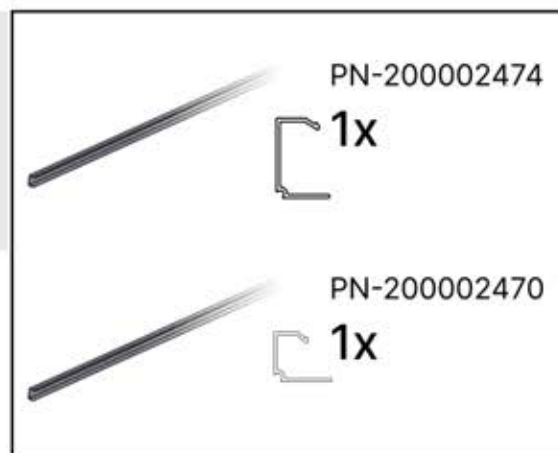
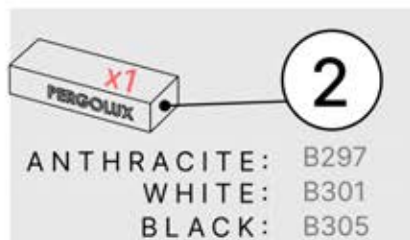
ANTHRACITE: B297
WHITE: B301
BLACK: B305



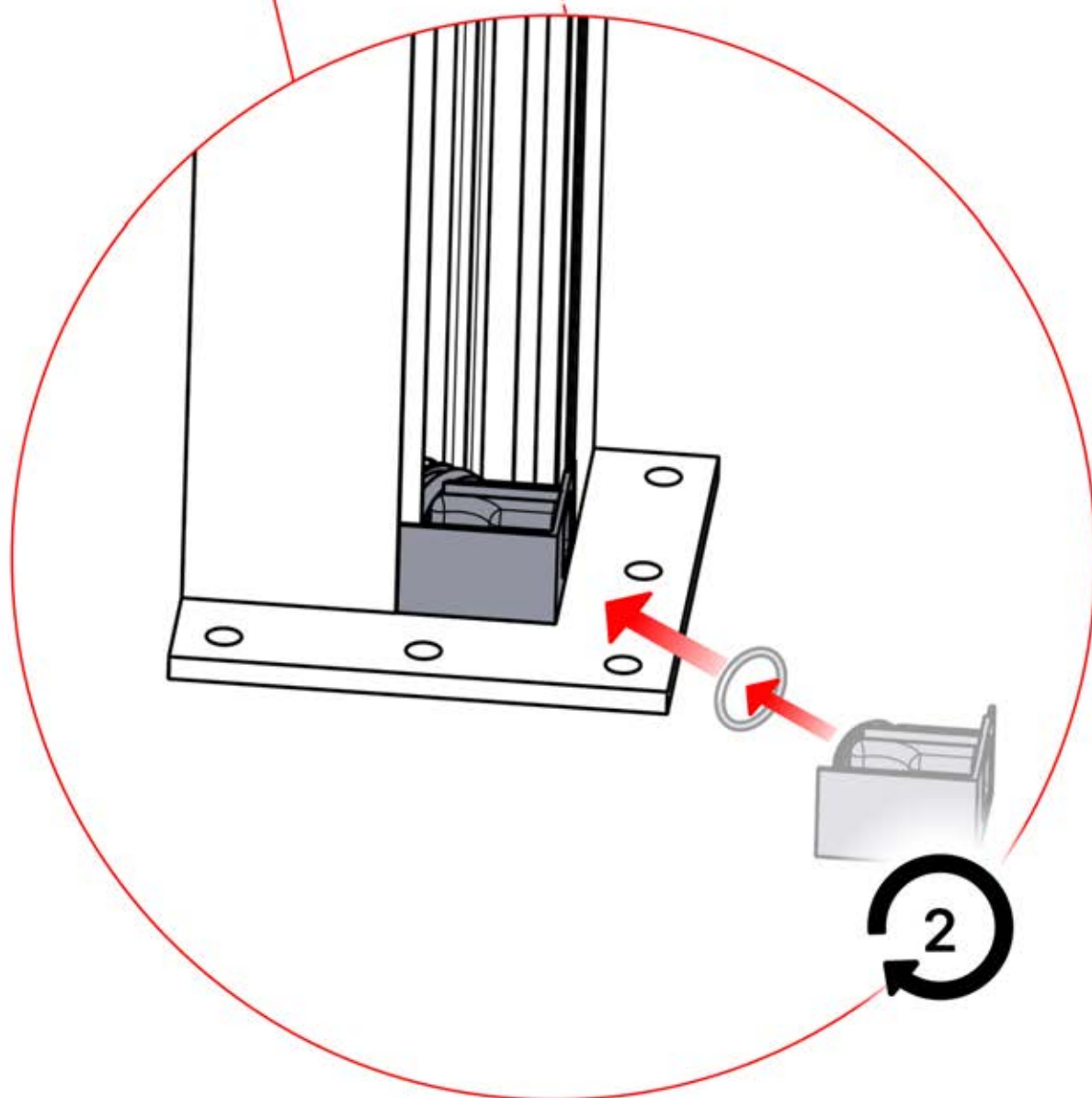
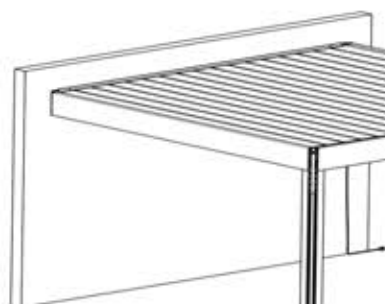
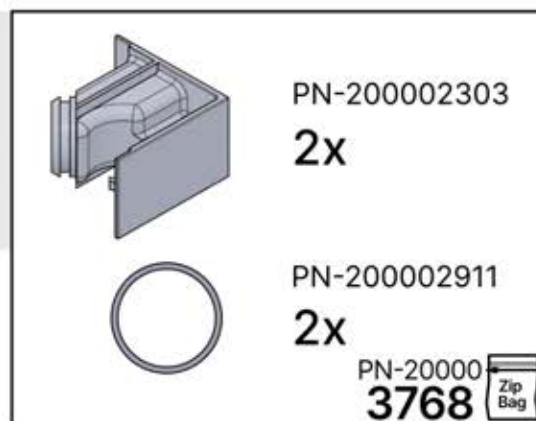
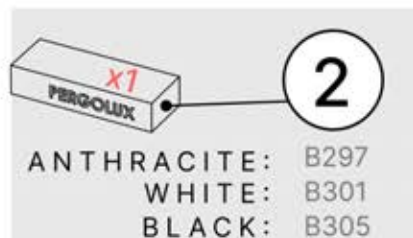
68



69



70



71


x1

1

ANTHRACITE: C126
 WHITE: C127
 BLACK: C128


x1

2

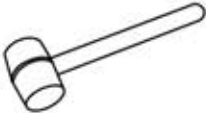
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 WHITE: B300
 BLACK: B304

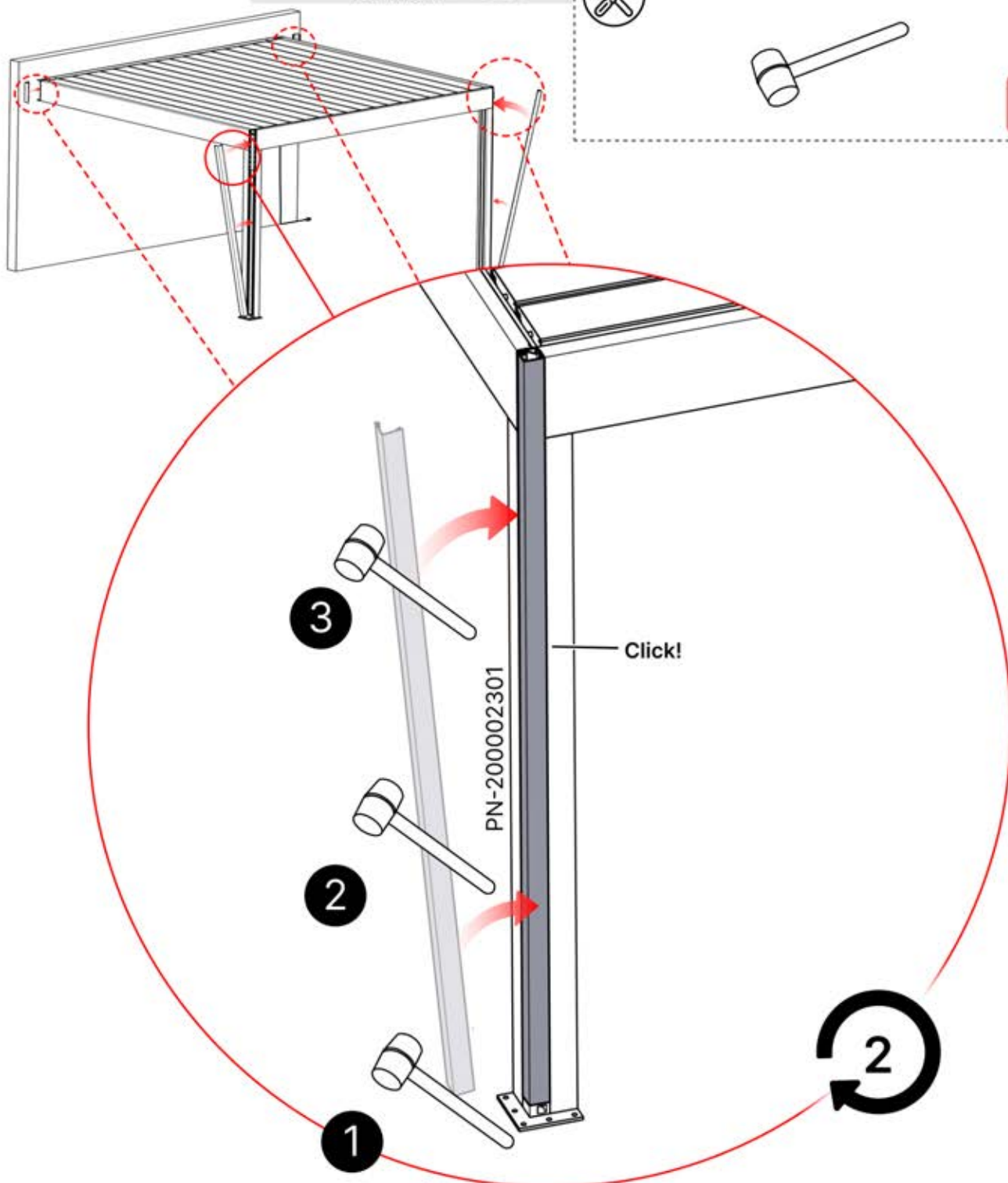

 PN-200002301
2x


 PN-200002370
2x

PN-20000
3754





72



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200002291

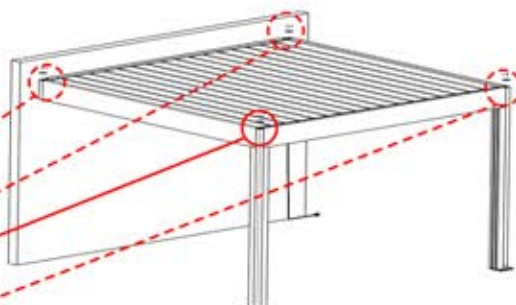
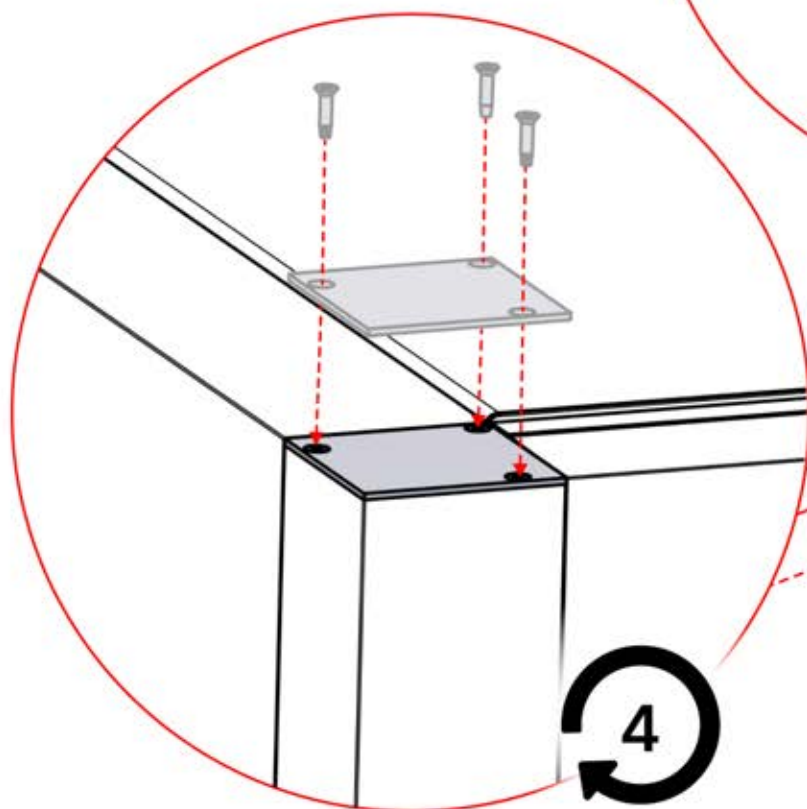
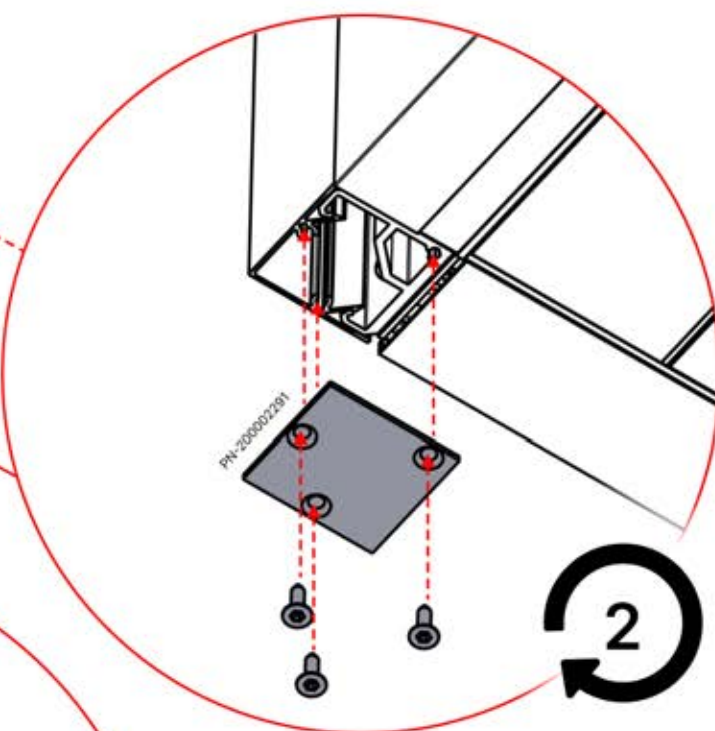
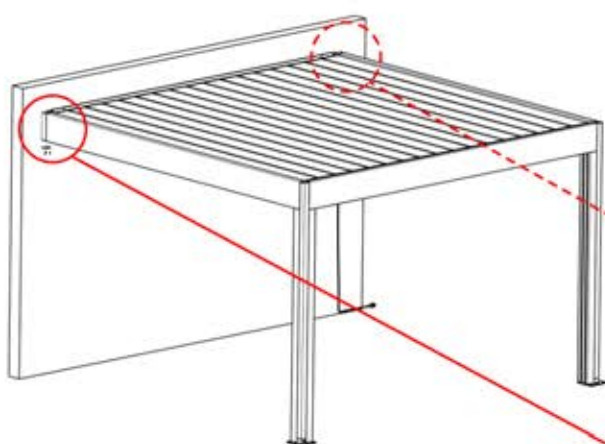
6x



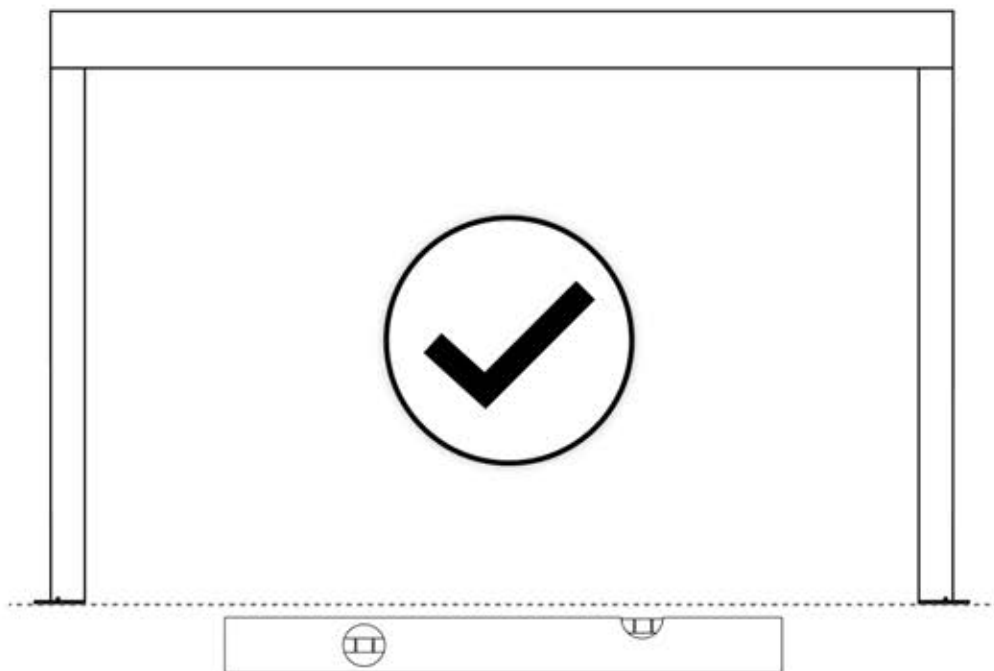
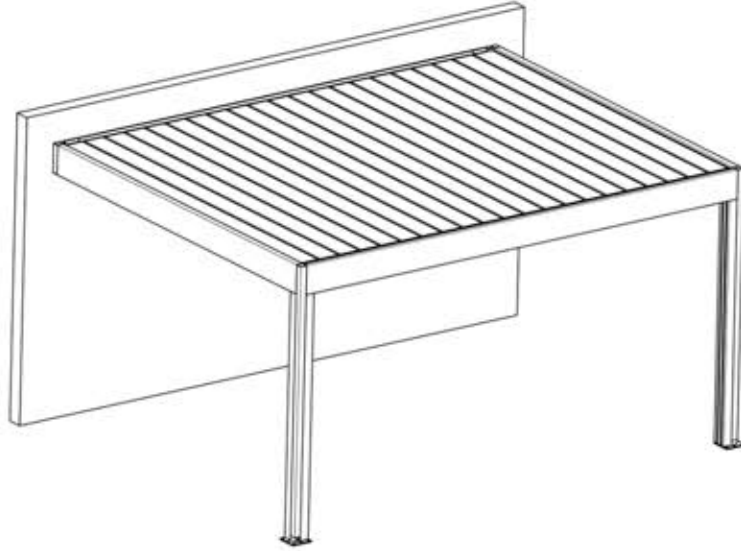
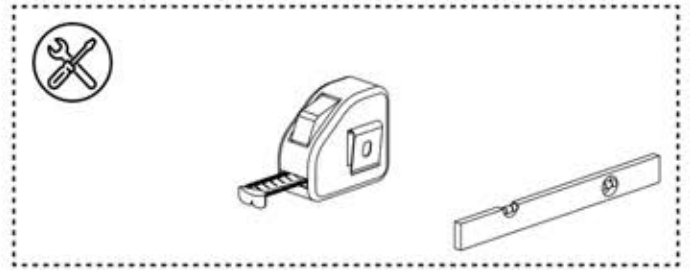
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18x

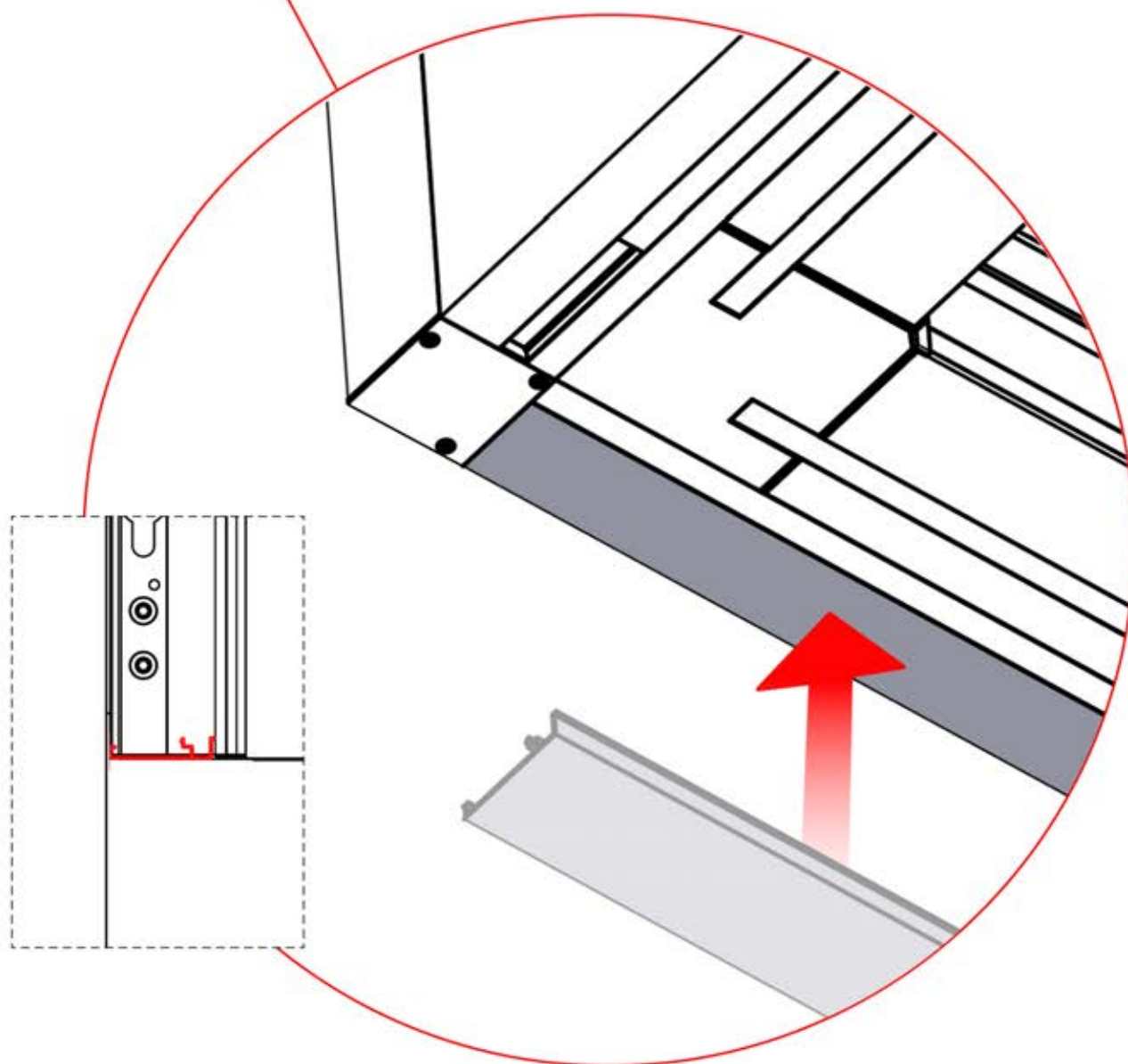
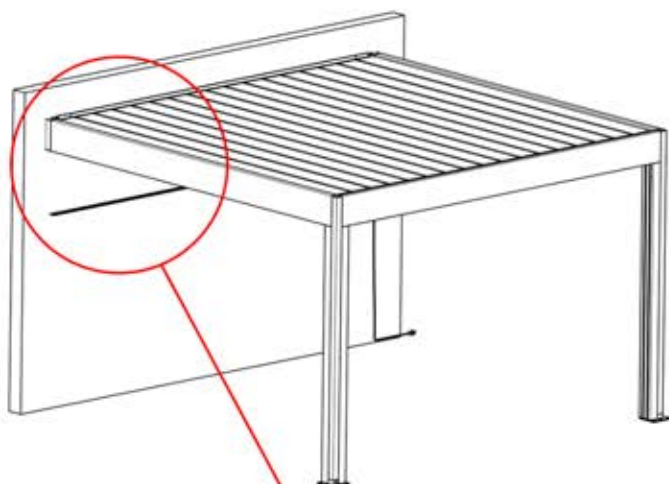
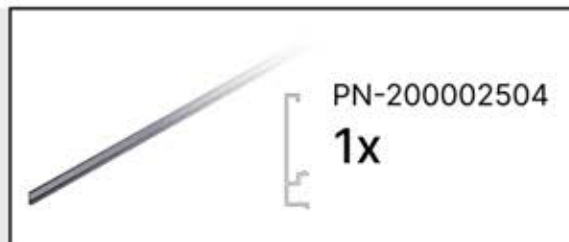
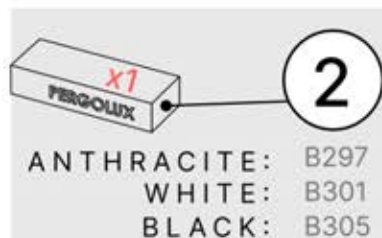
PN-20000
3498



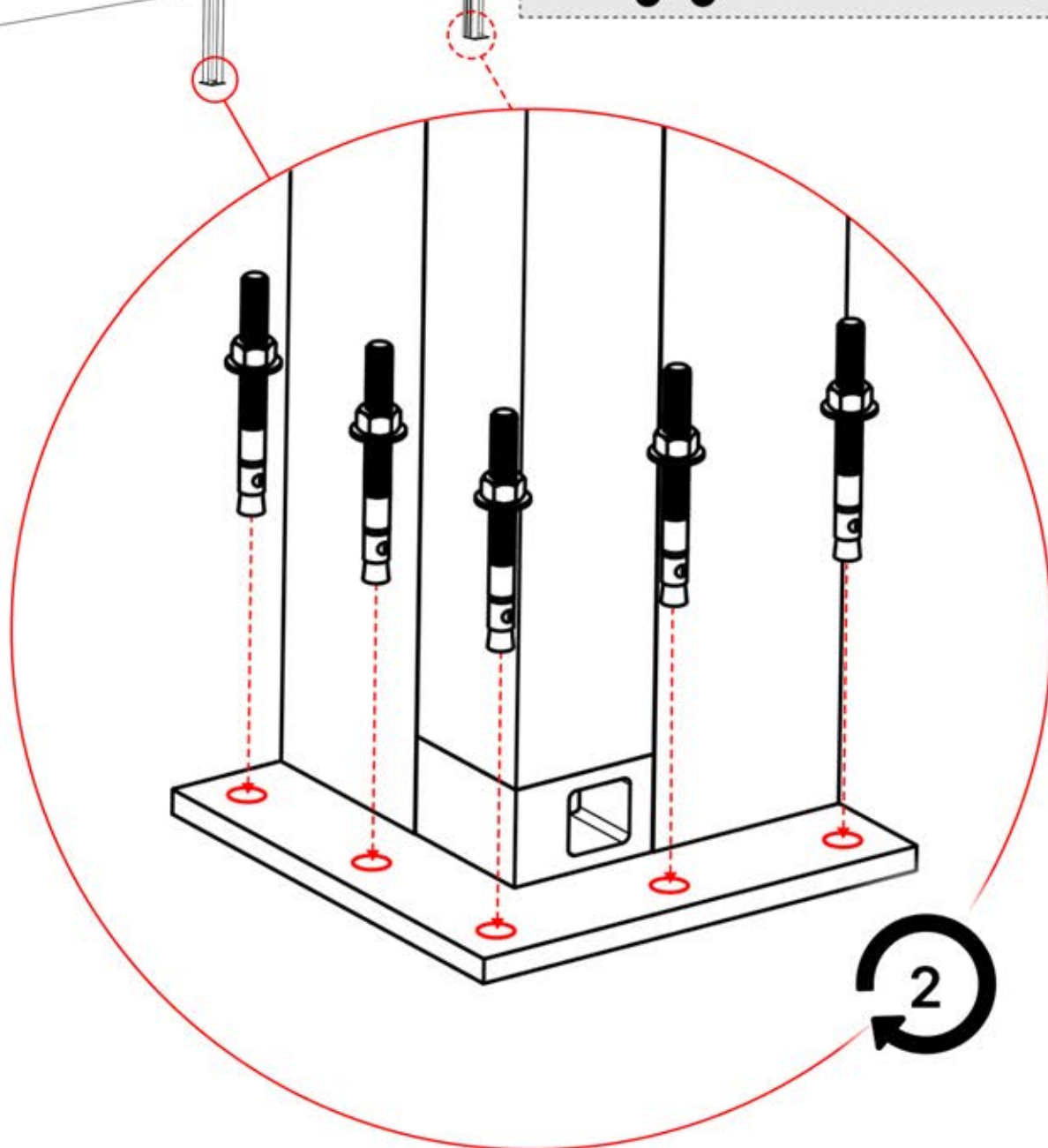
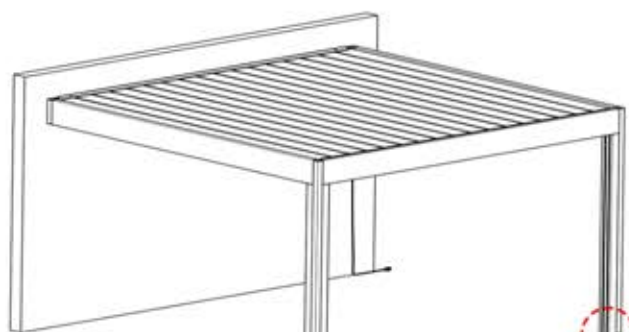
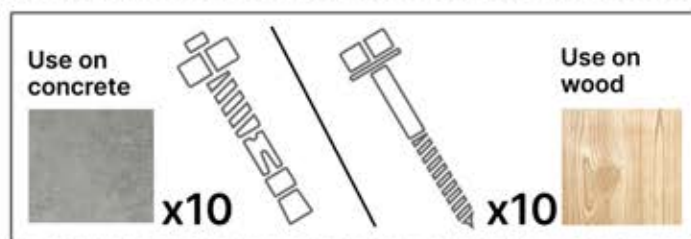
73



74

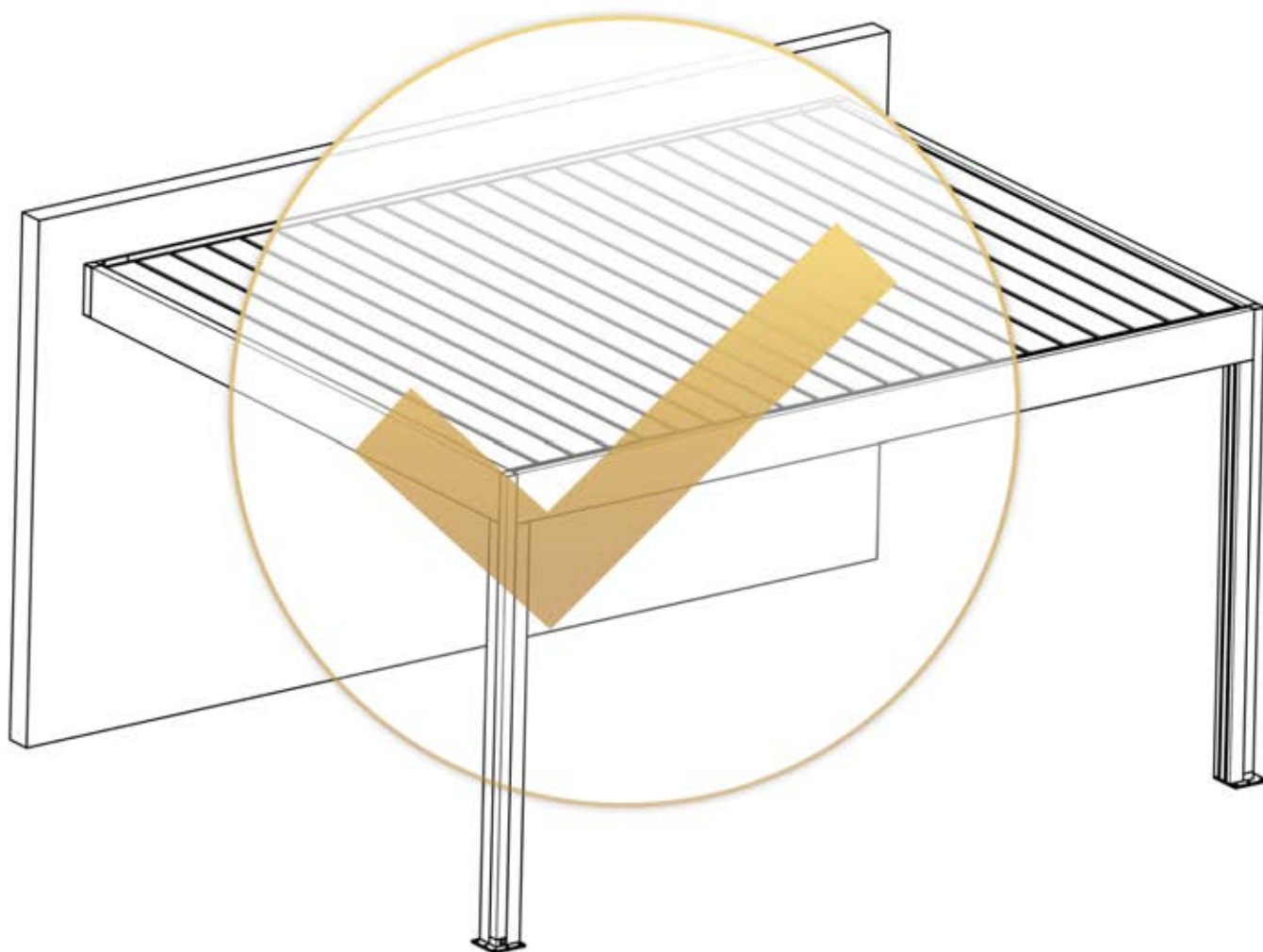


75



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3X5M / 10'x16



Type Approved
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