

Pergola
PRO
MAX+

PERGOLA

PRO MAX+



4x5m/13'x16'
WALLMOUNTED

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

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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

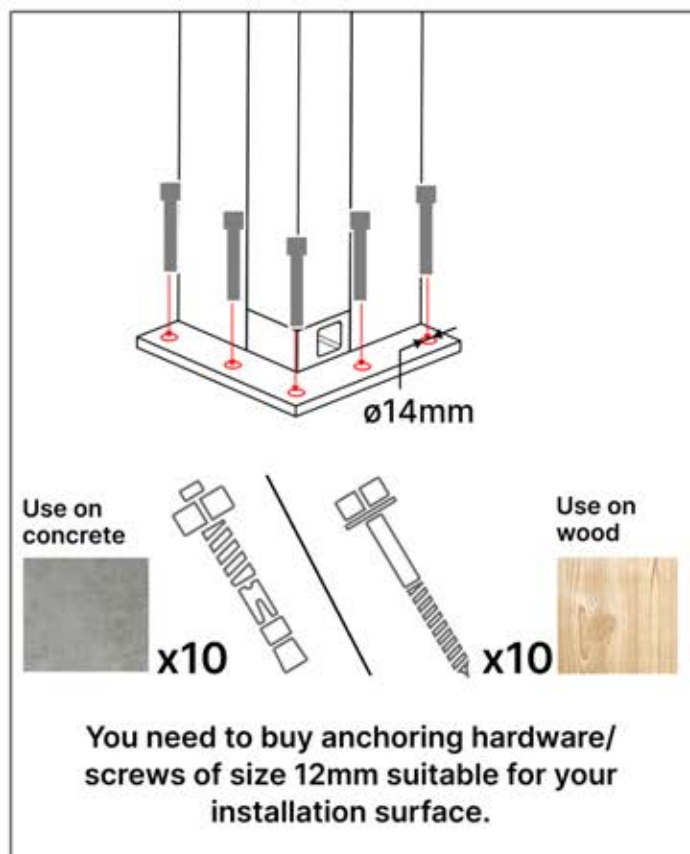


Turn around



Discard

INFORMATION

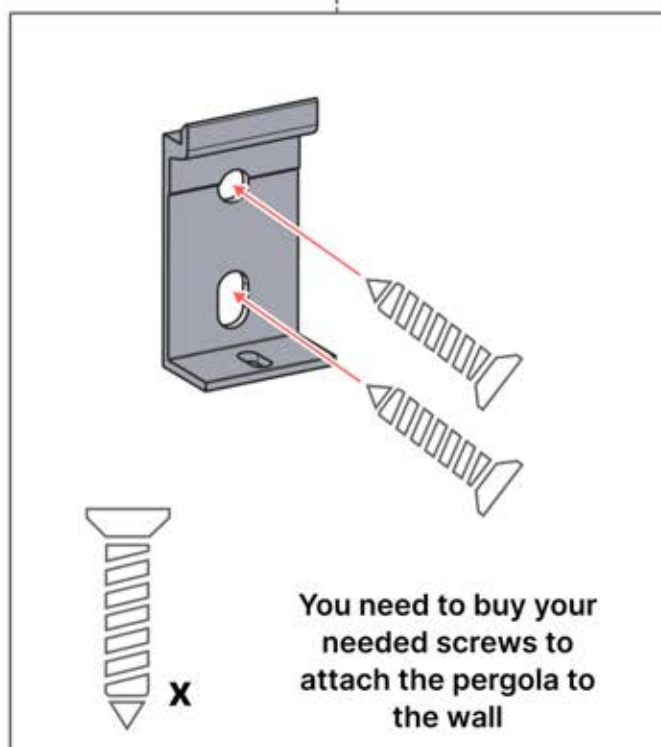


All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

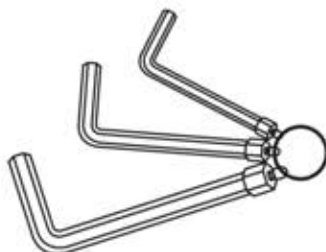
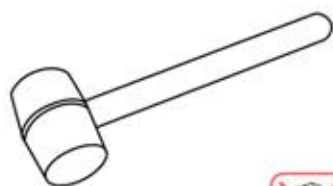
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



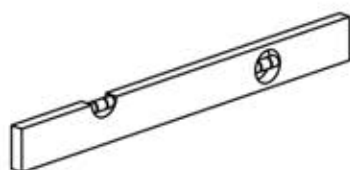
Apply lubricant to make screw assembly easier.



TOOLS

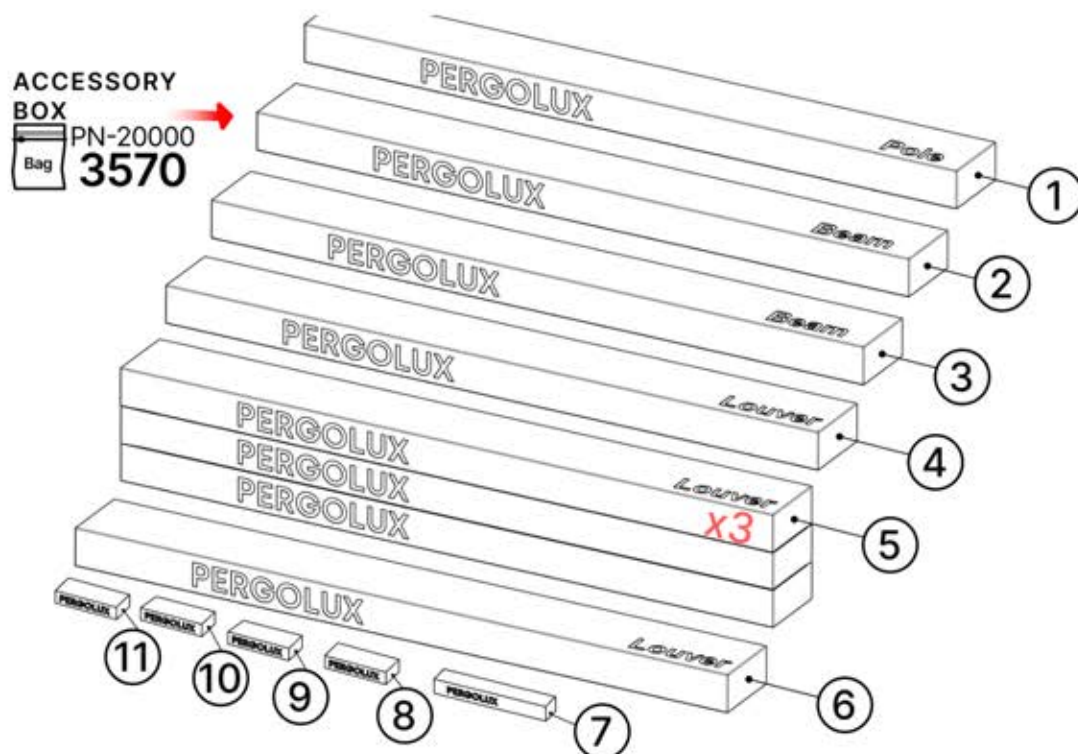


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

PACKAGE OVERVIEW

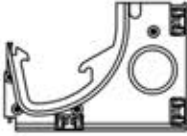
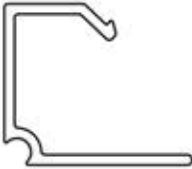


ORDER	ANTHRACITE	WHITE	BLACK
①	C126	C127	C128
②	B297	B301	B305
③	B314	B316	B318
④	L270	L274	L272
⑤	L258	L262	L260
⑥	L246	L250	L248
⑦	ELECTRIC MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		
⑪	SCREW KIT PN-200004211		

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

PERGOLUX B297 2		ANTHRACITE	WHITE	BLACK
		B297	B301	B305
		PN-200002492 1x		
		PN-200002493 1x		
		PN-200002490 2x		
		PN-200002504 1x		
 PN-20000 4087 	PN-200002308 10x			PN-200001340 1x
 PN-20000 3278 	PN-200003033 2x			PN-200003031 1x
	PN-200003030 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-200002298 2x		
 PN-200000832 2x		 PN-200002369 2x		
 PN-200002311 2x				
 PN-20000 3756 5.5 x 70	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

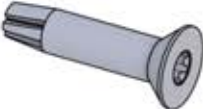
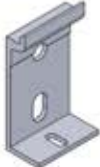
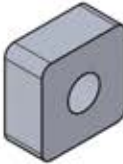
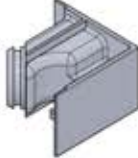


PN-200002328
2x

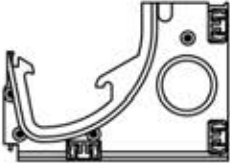


PN-200002327
1x

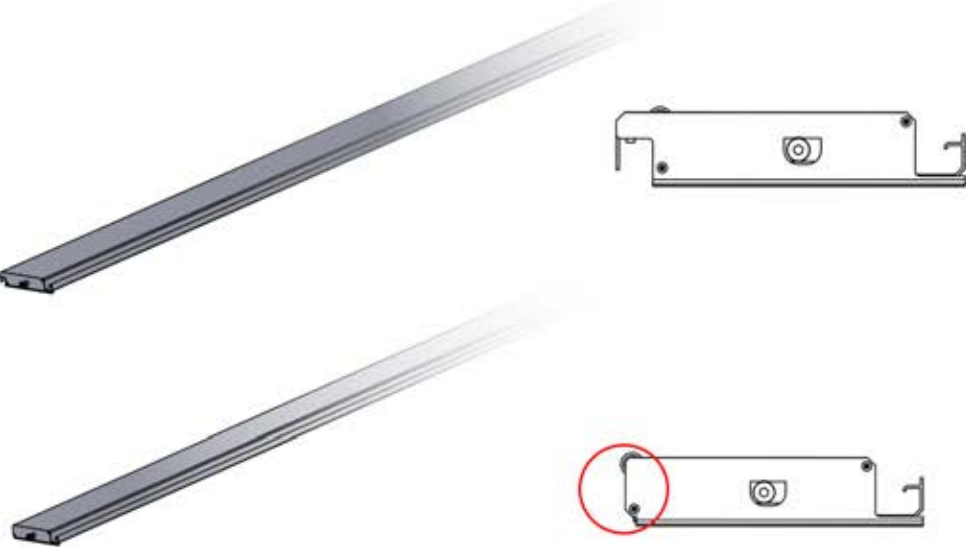
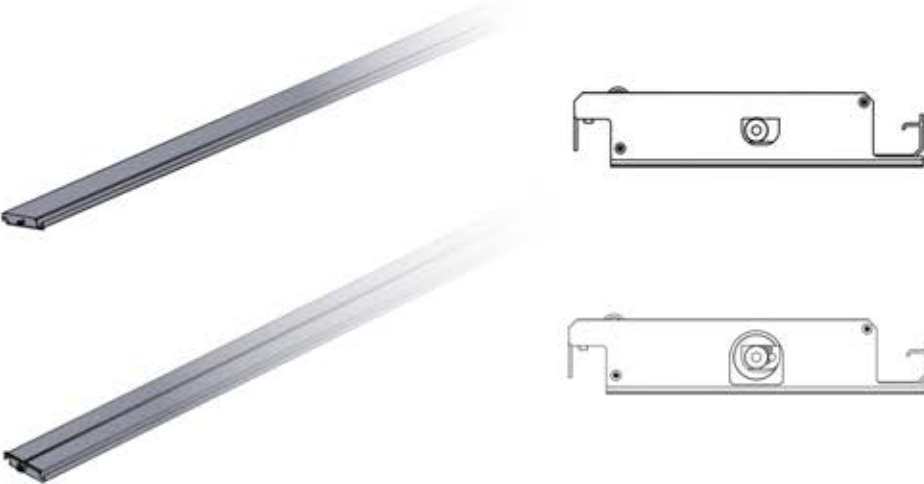
ITEMS IN BOX

		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		B314	B316	B318
		PN-200003527 2x		
		PN-200002344 2x		
		Premounted PN-200002353 2x		
		PN-200003597 2x		
		PN-200002924 2x		

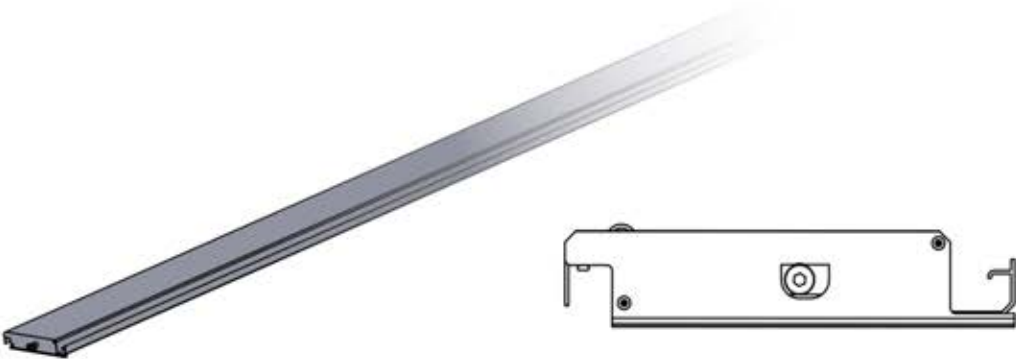
ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		L270	L274	L272
		Standard = (S) PN-200002367 4x		
		End = (E) PN-200002363 1x		
		ANTHRACITE	WHITE	BLACK
		L258	L262	L260
		Standard = (S) PN-200002367 6x		
		LED =  PN-200002365 6x		

ITEMS IN BOX



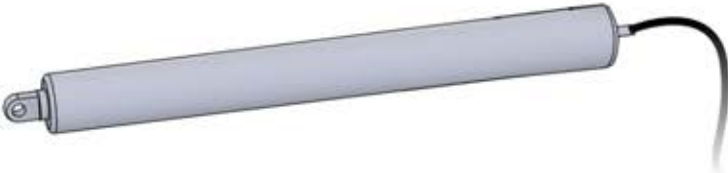
	ANTHRACITE	WHITE	BLACK
6	L246	L250	L248



Standard = **S**
PN-200002367
4x



7 ELECTRIC MOTOR



Electric motor
PN-200001562
1x



PN-200003773
1x



PN-200001625
2x



PN-200001624
1x

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
3831



LED STRIP

6x



6 LED HARNESS

1x



11

SCREW KIT
PN-200004211



PN-200004206

10x



PN-200004207

40x



All electric parts should be tested before installation.

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

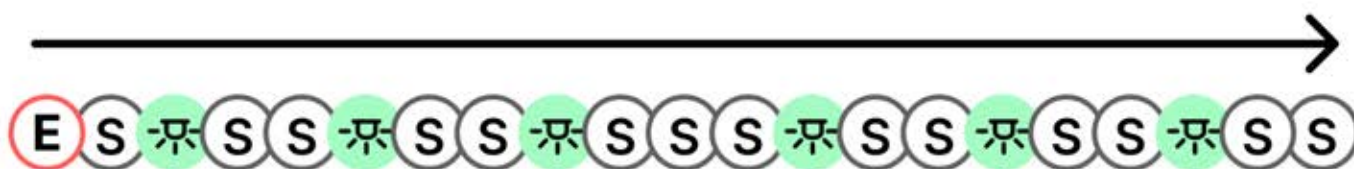
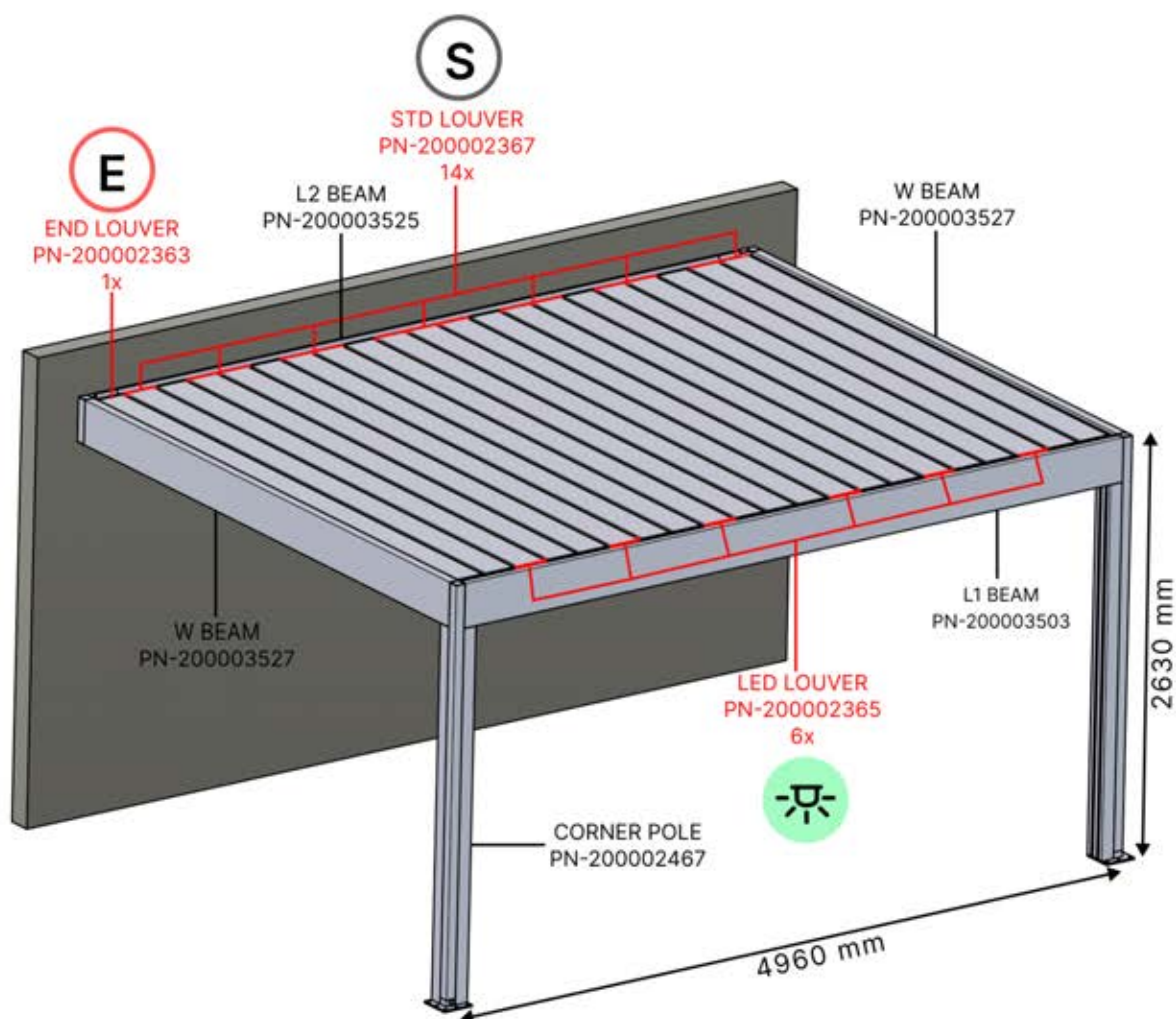
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



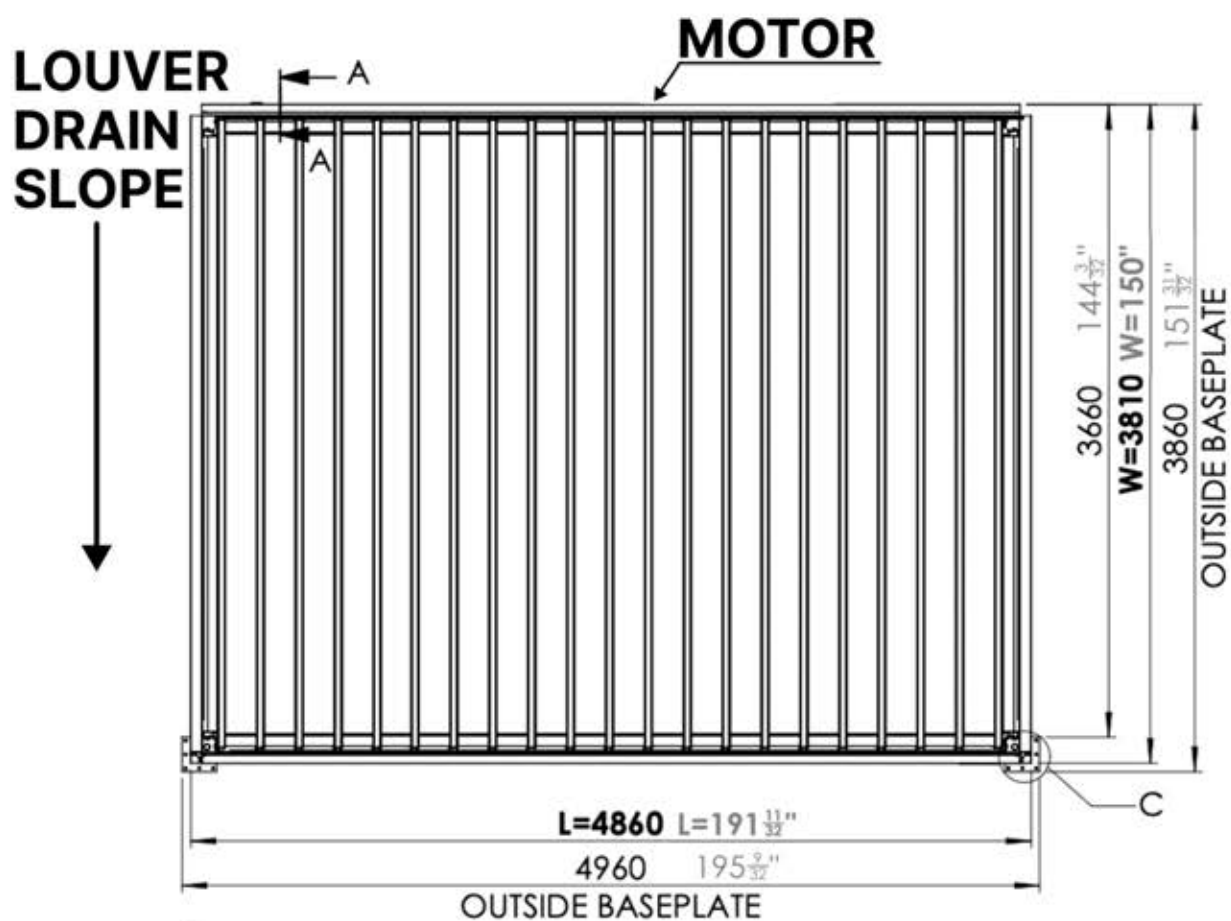
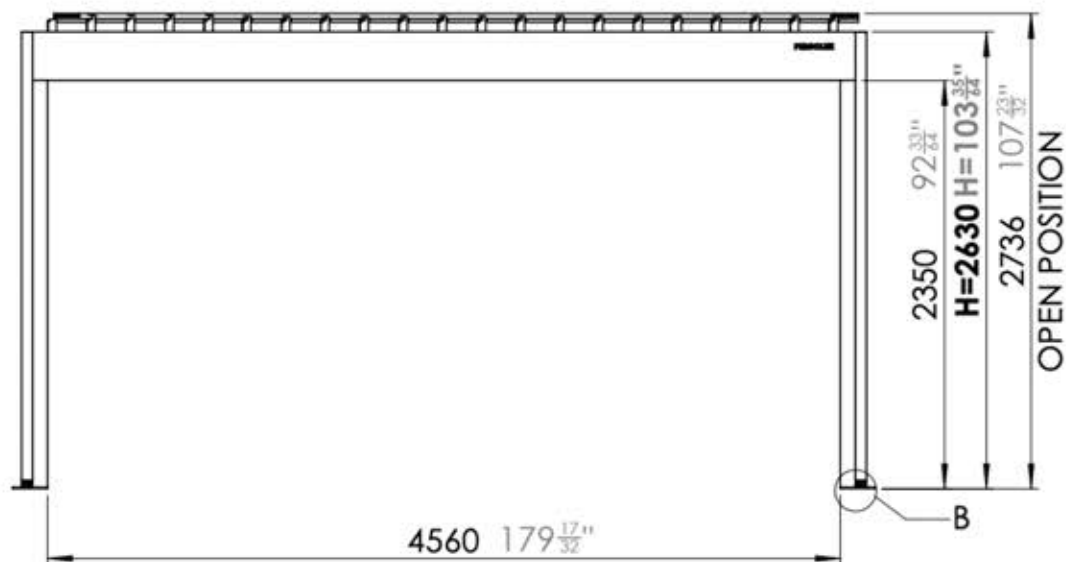
CONTROL BOX

[View Manual](#)

4 x 5 M / 13' x 16'



4 × 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.

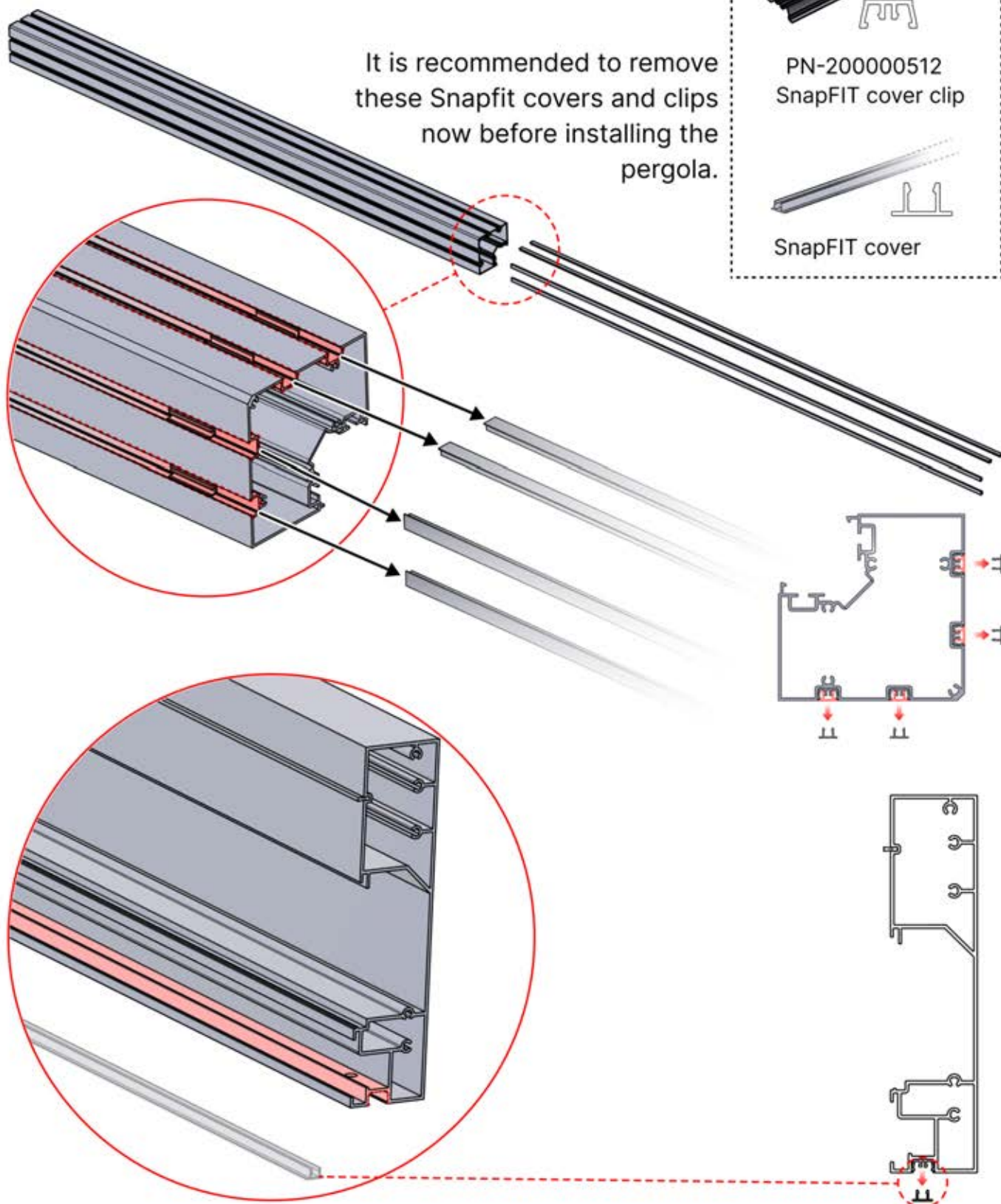
Cover and clips



PN-200000512
SnapFIT cover clip



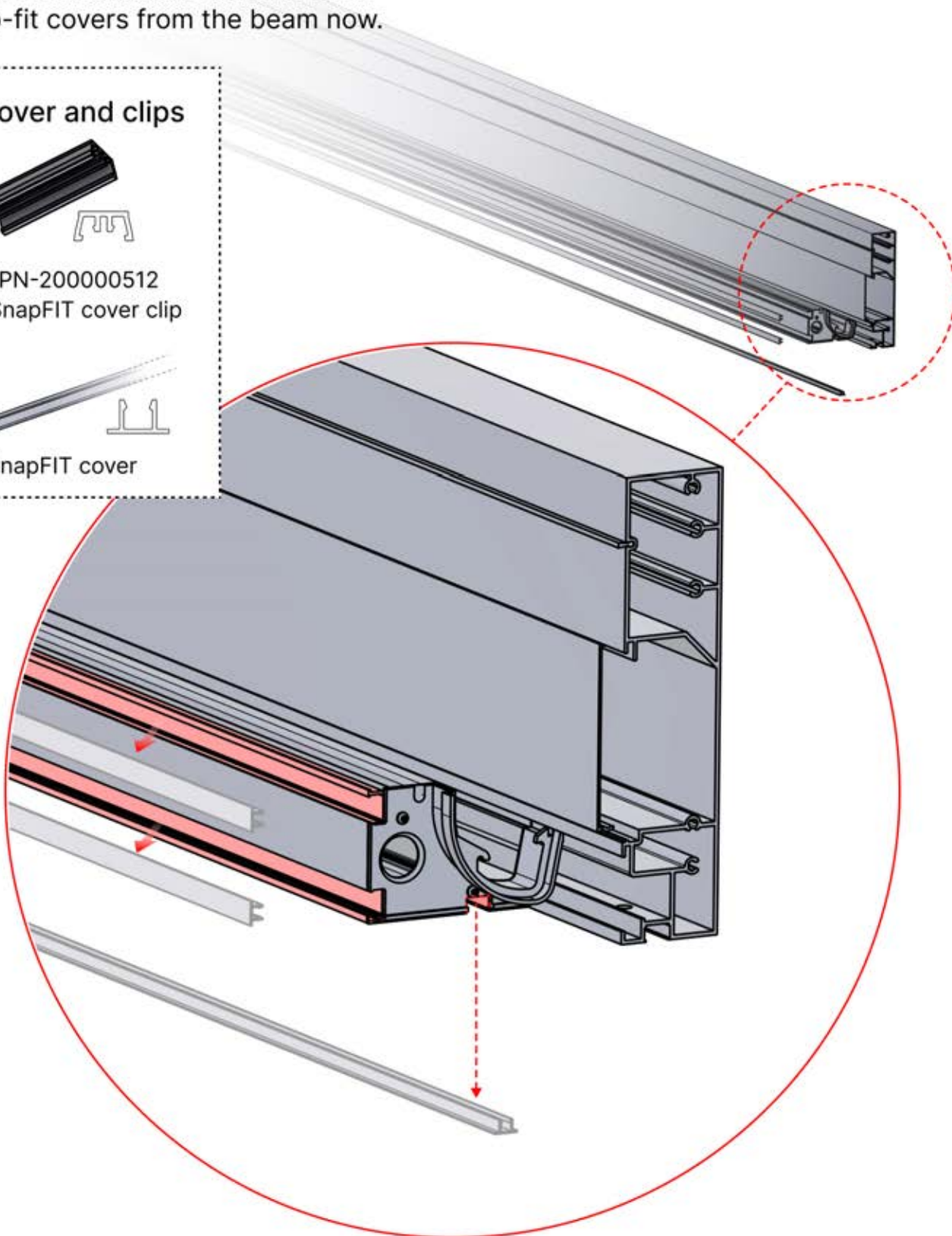
SnapFIT cover



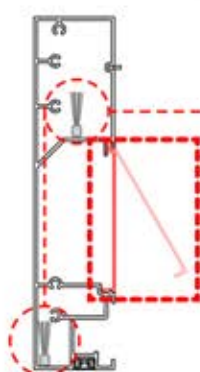
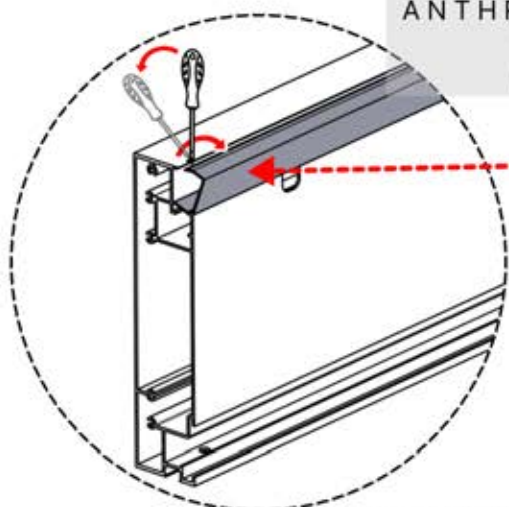
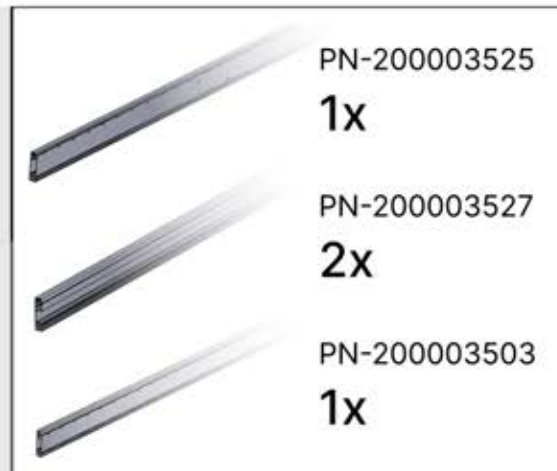
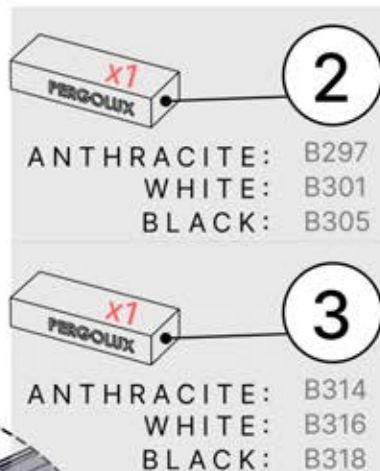
INFORMATION

Are you installing a heater or fan ?

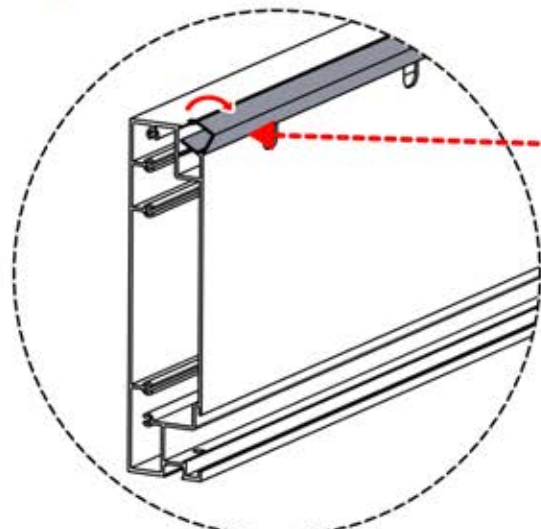
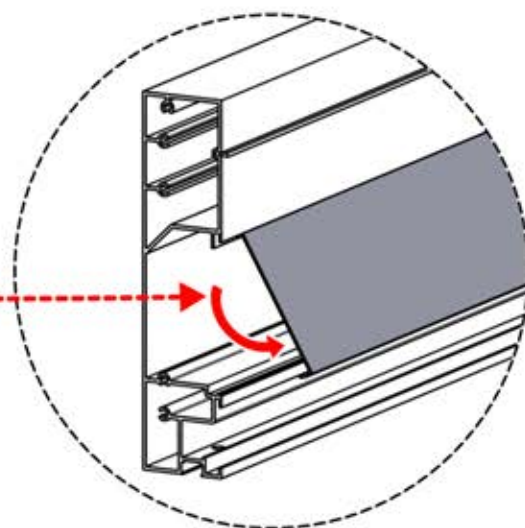
It is recommended to remove both snap-fit covers from the beam now.



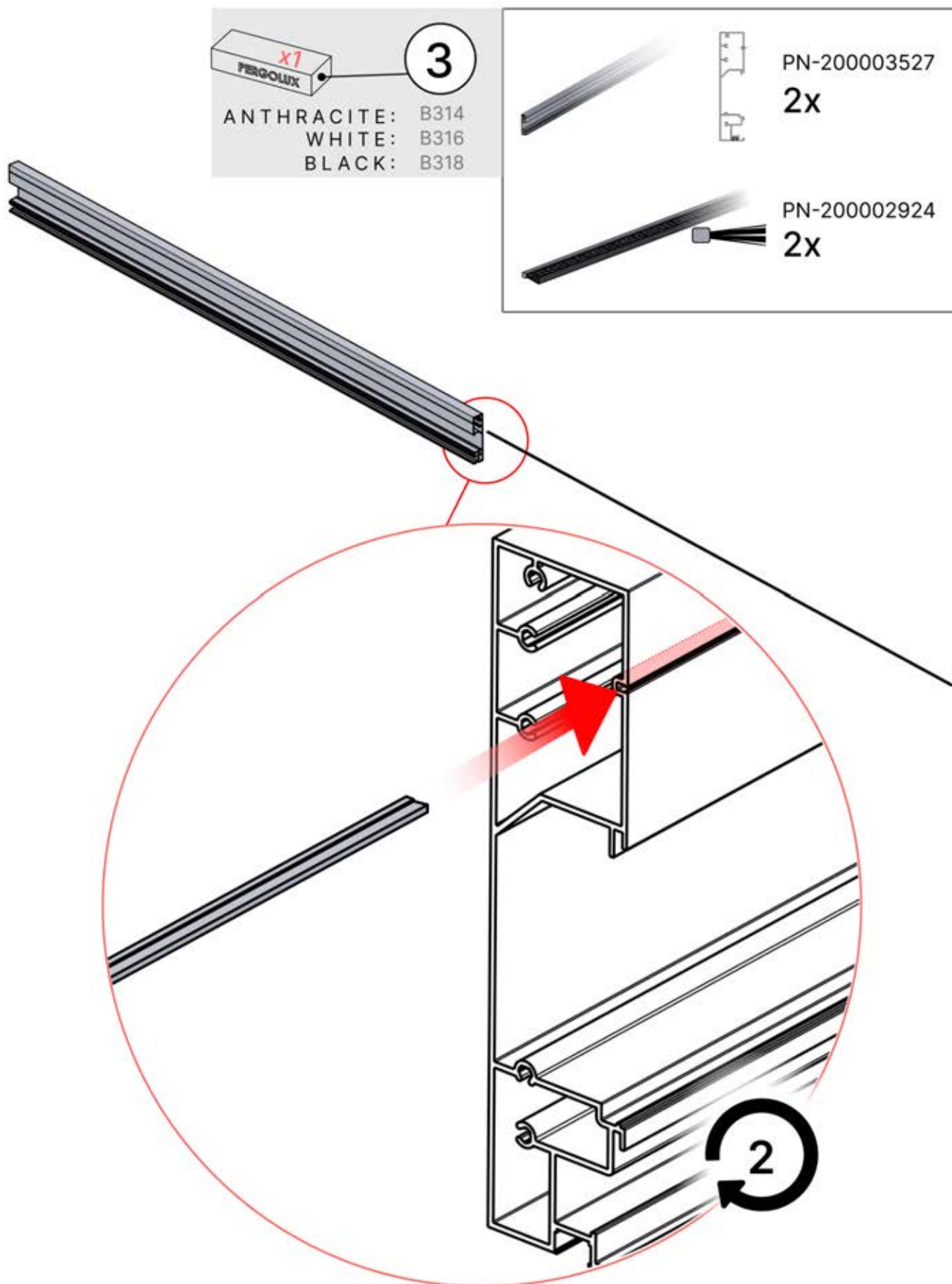
INFORMATION



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



INFORMATION

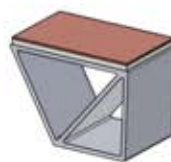


01



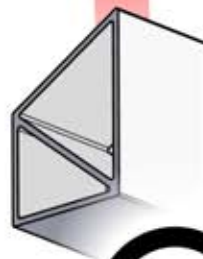
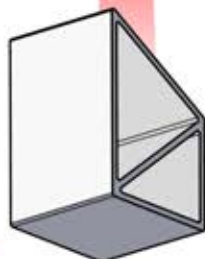
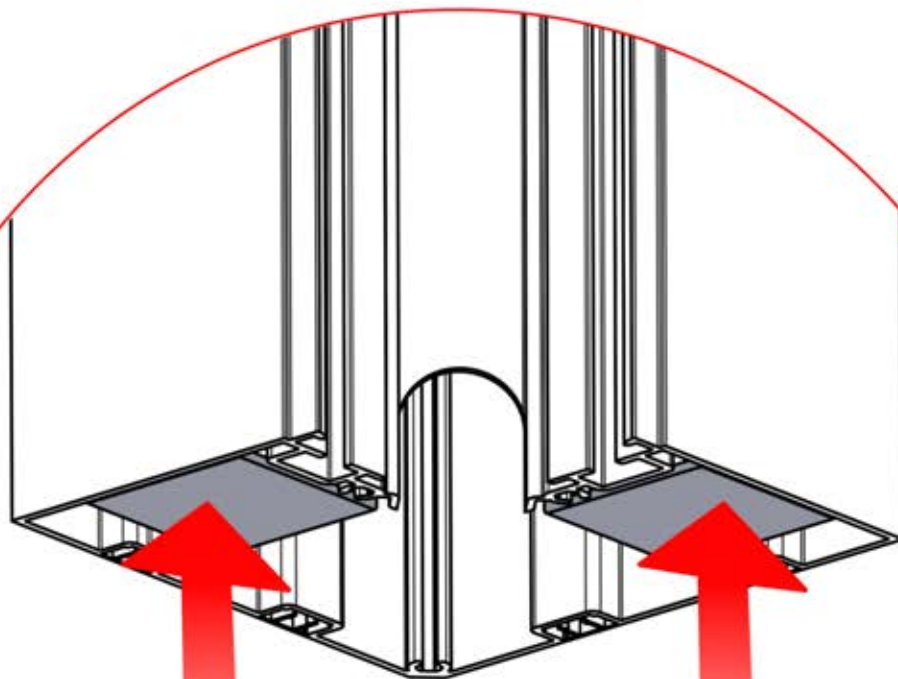
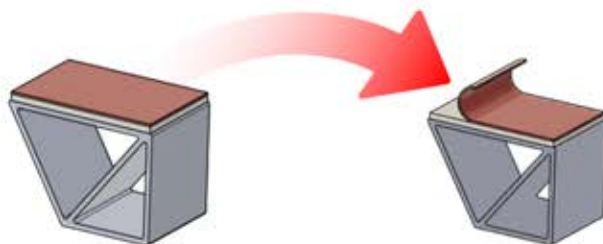
2

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



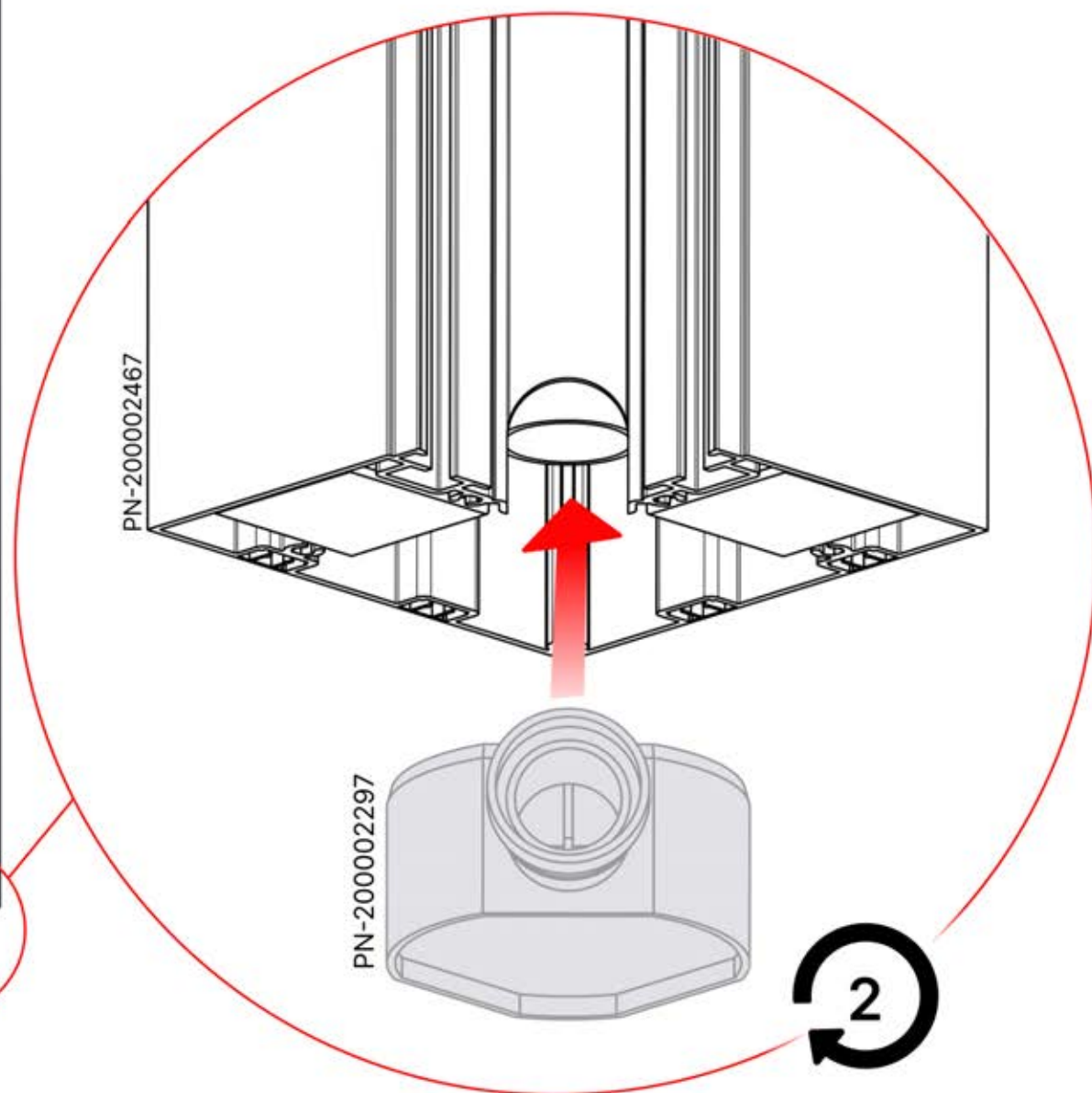
PN-200002467
2x



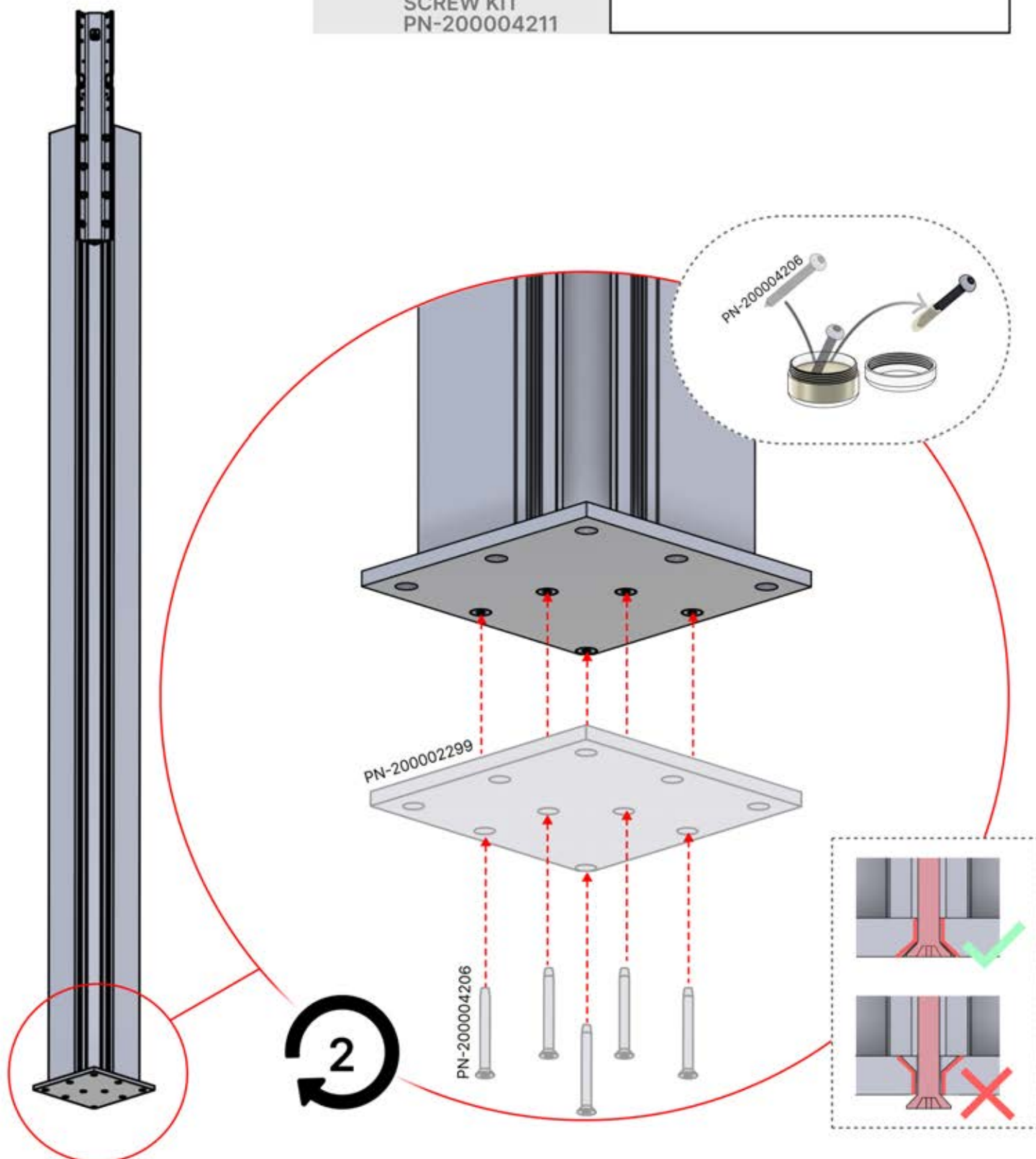
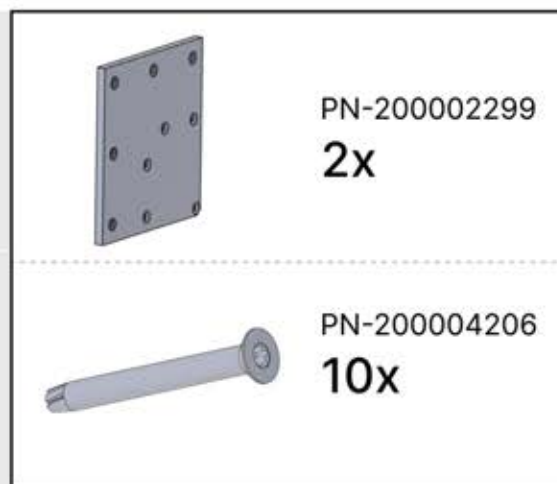
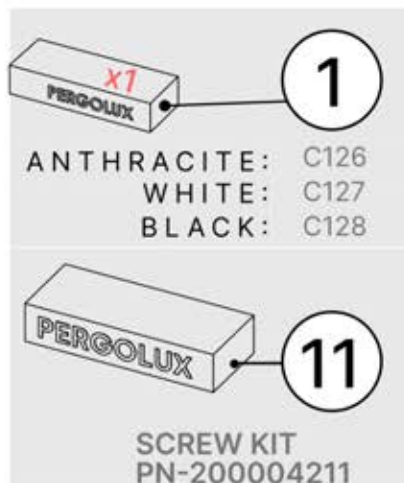
PN-200002297
2x

PN-20000
3768





03

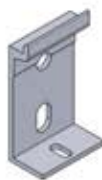


04



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200002373

5x

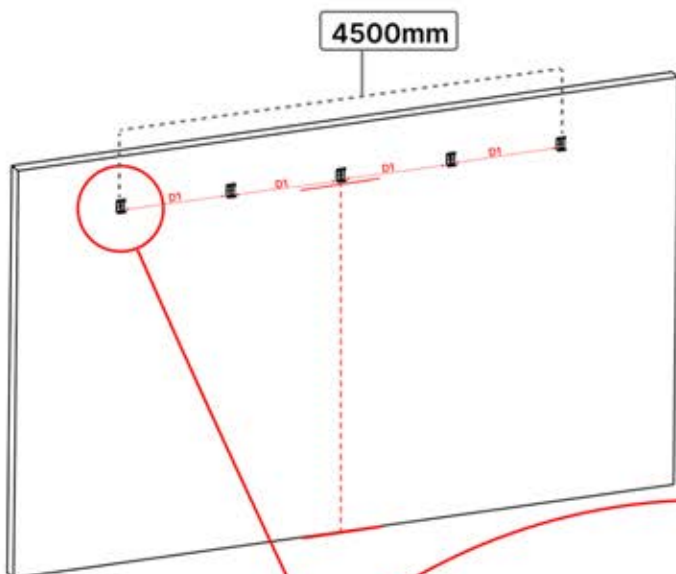
PN-20000
3752



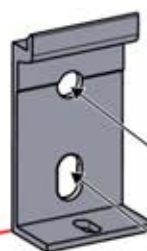
x10



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.



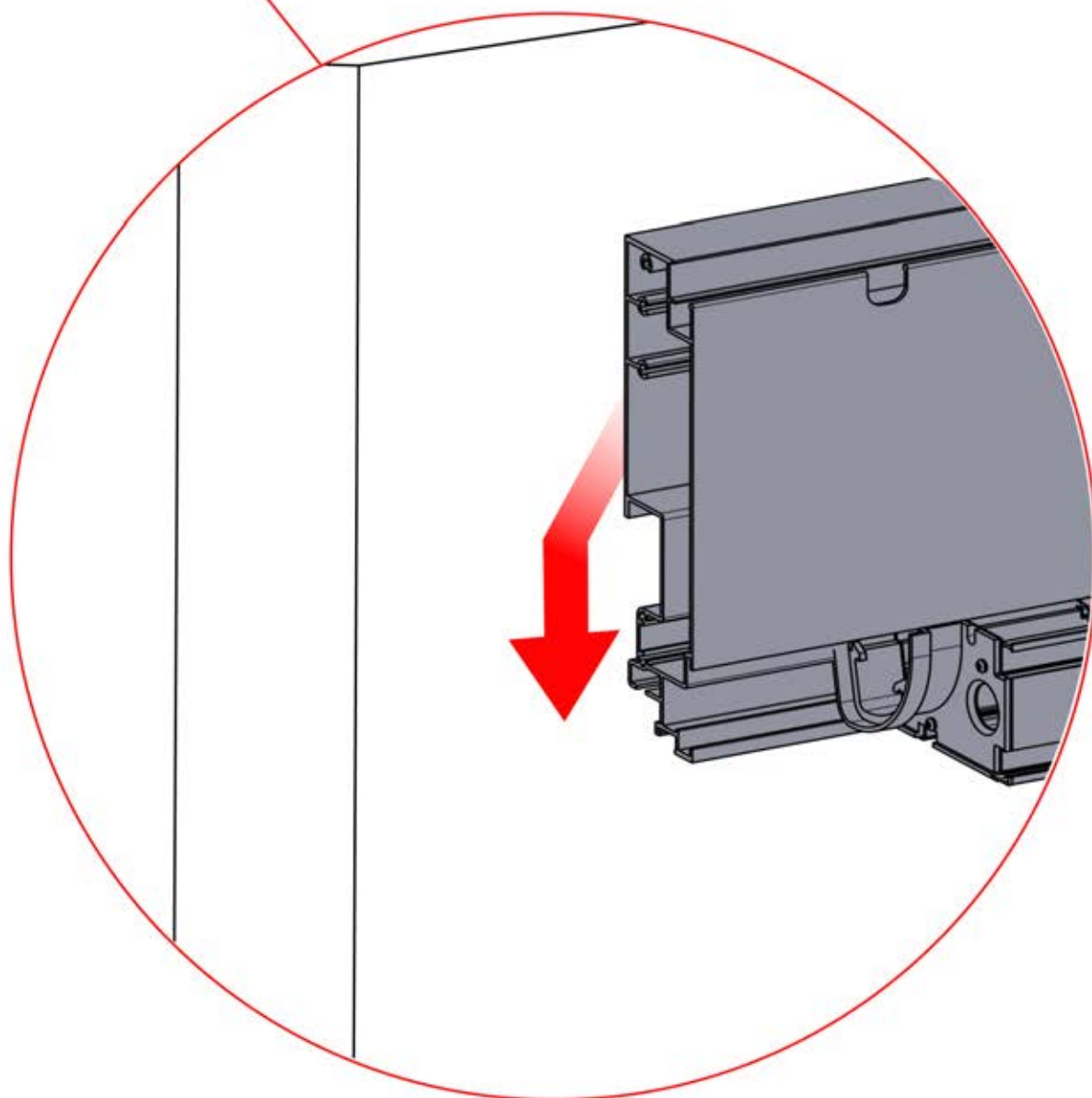
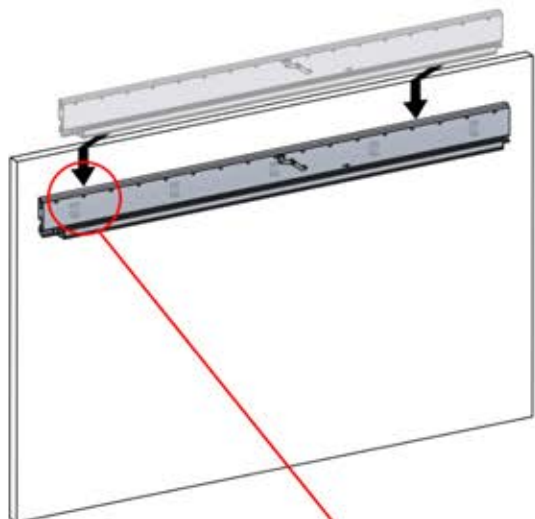
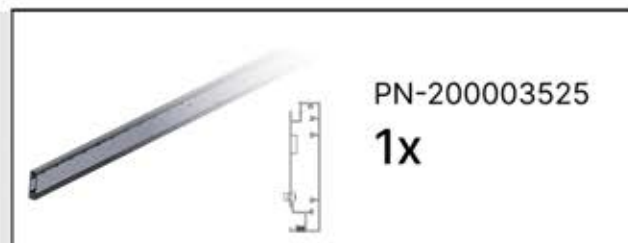
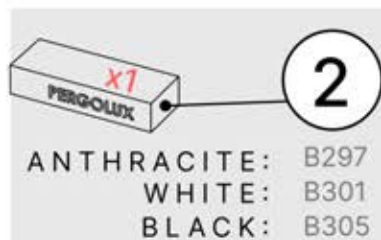
4500mm



2371 mm
93 3/8"



05

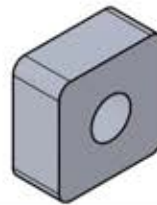


06



2

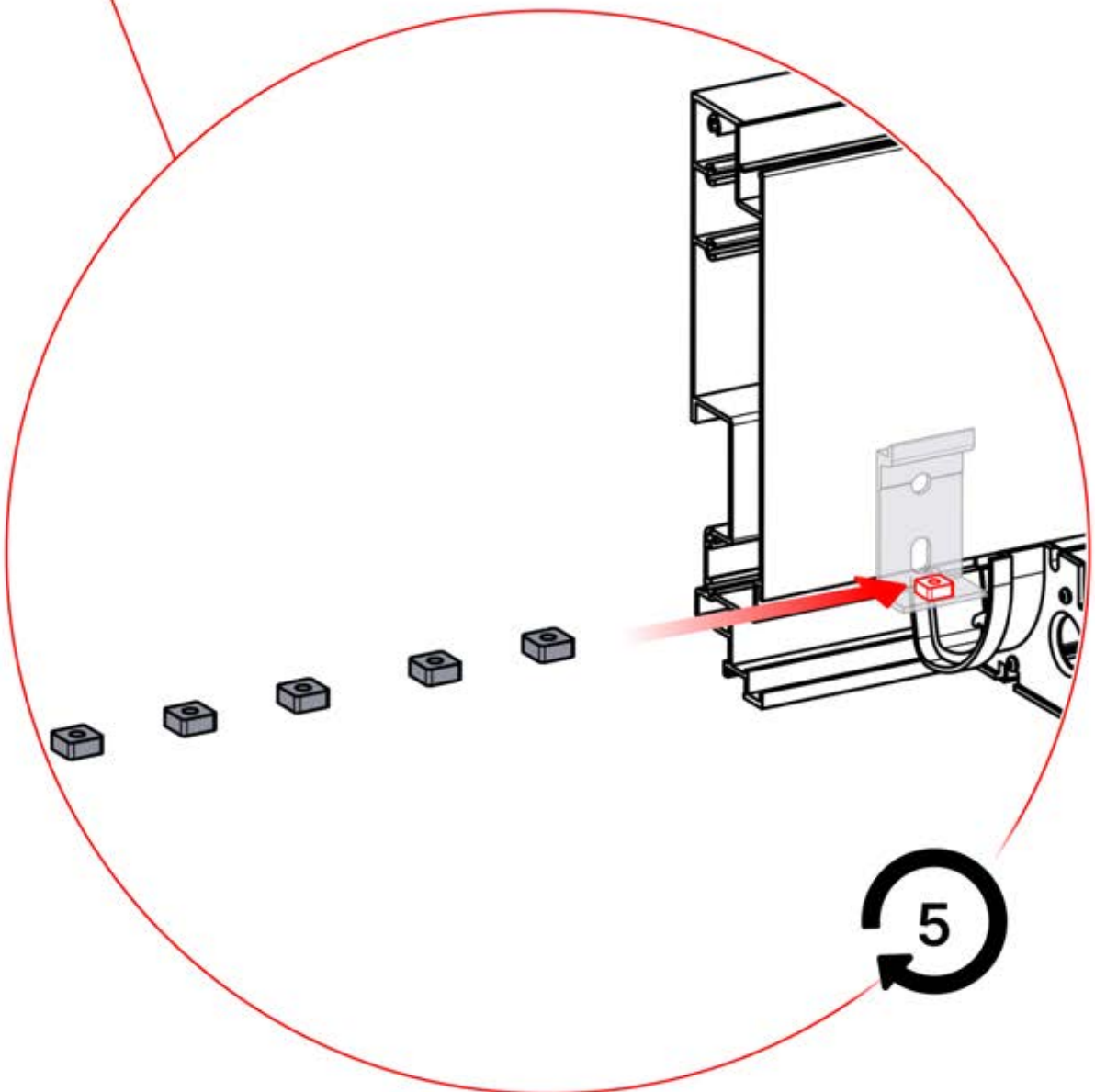
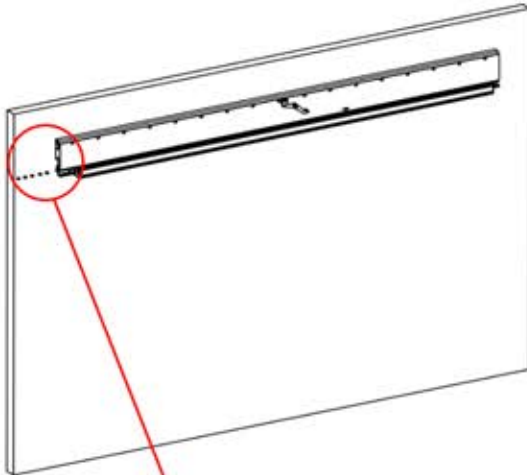
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WHITE: B301
BLACK: B305



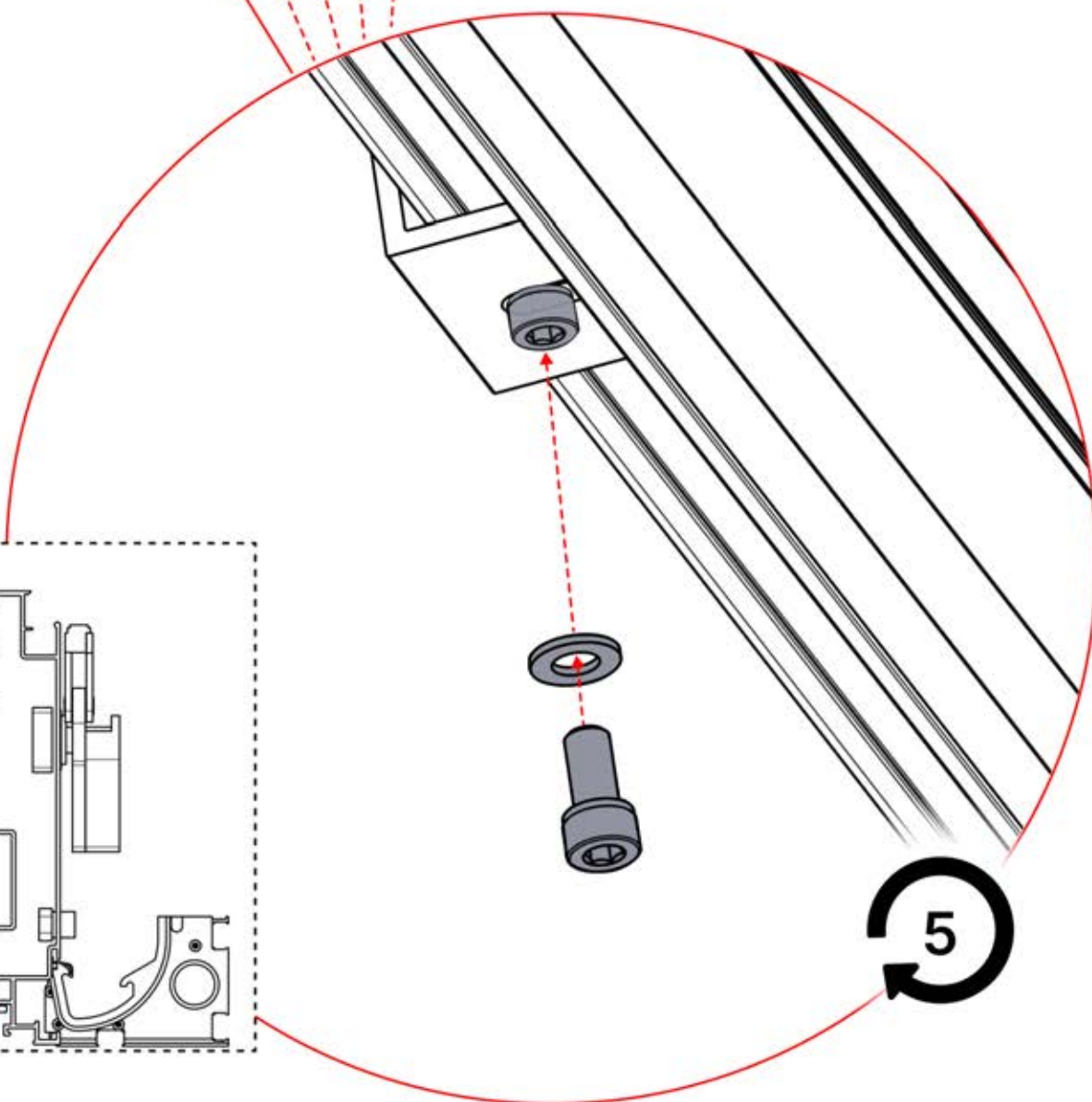
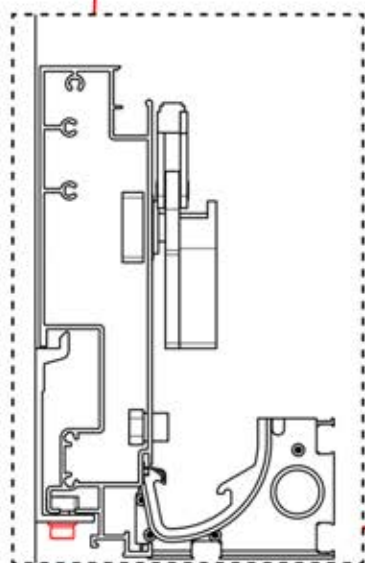
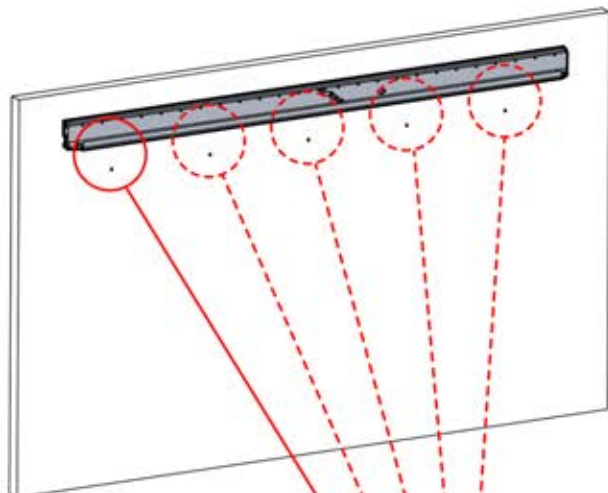
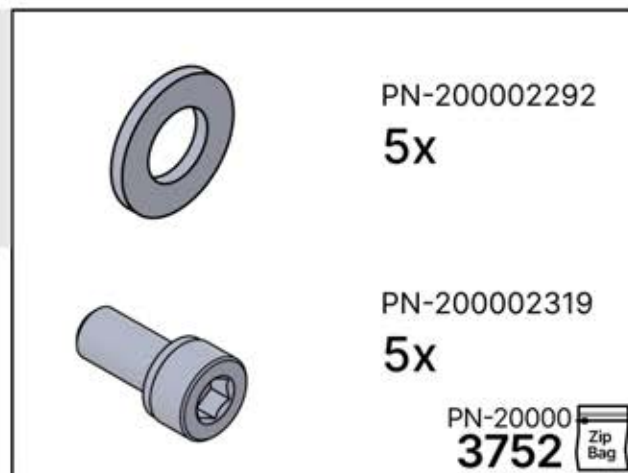
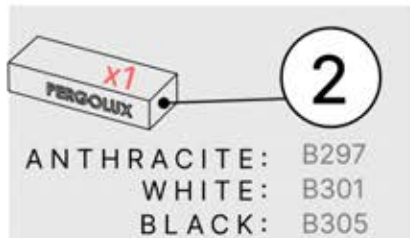
PN-200002290

5x

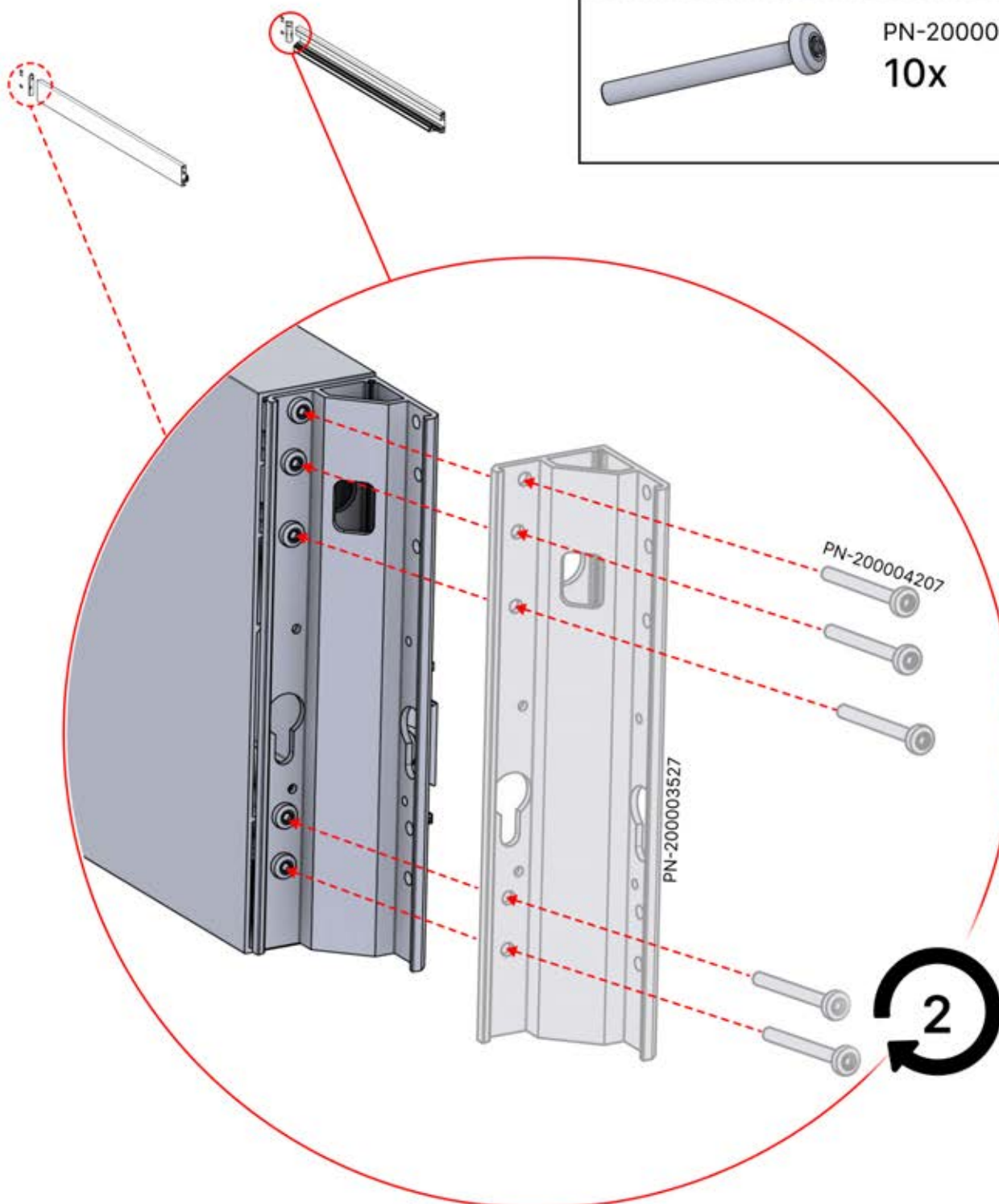
PN-20000
3752



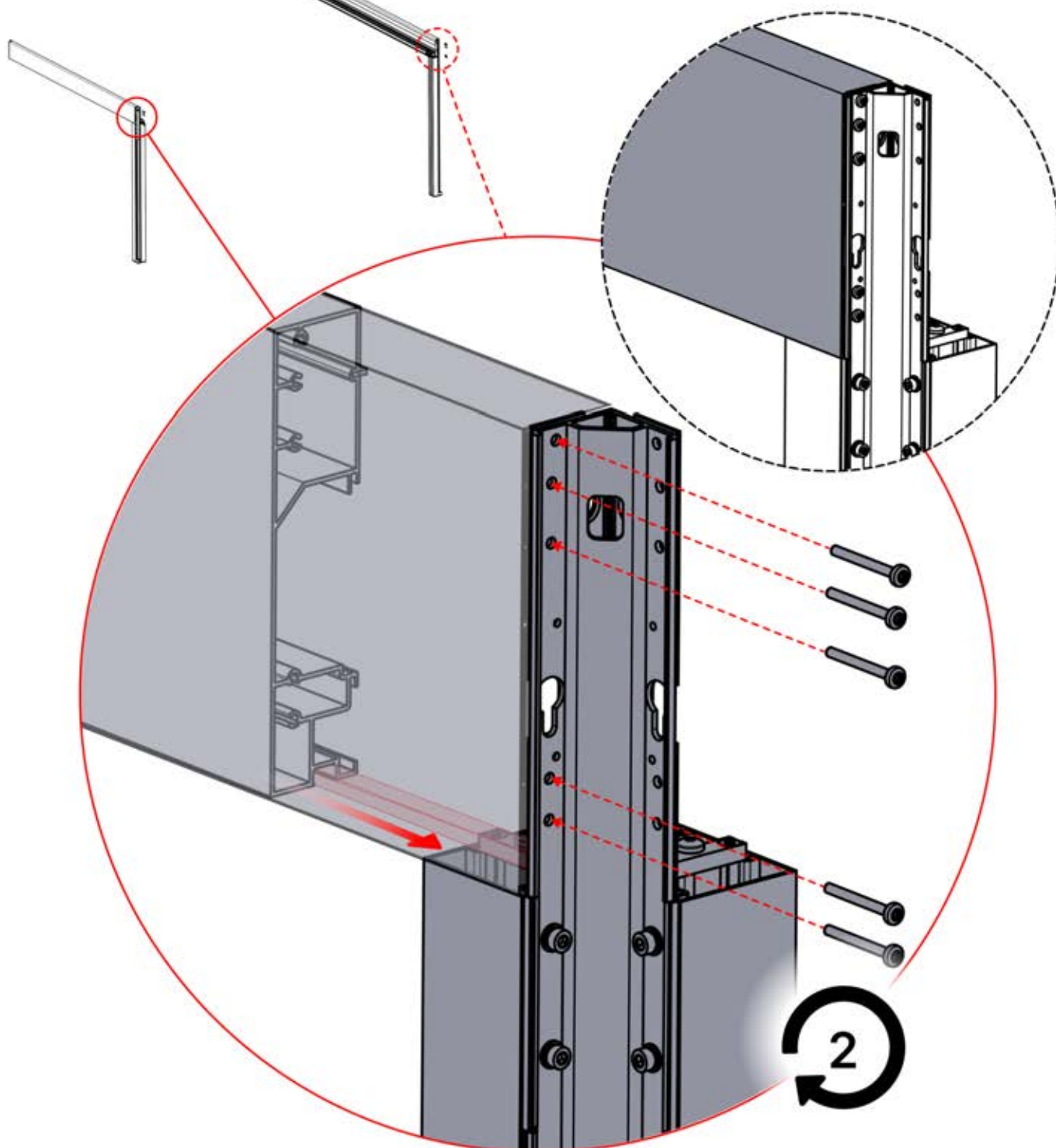
07



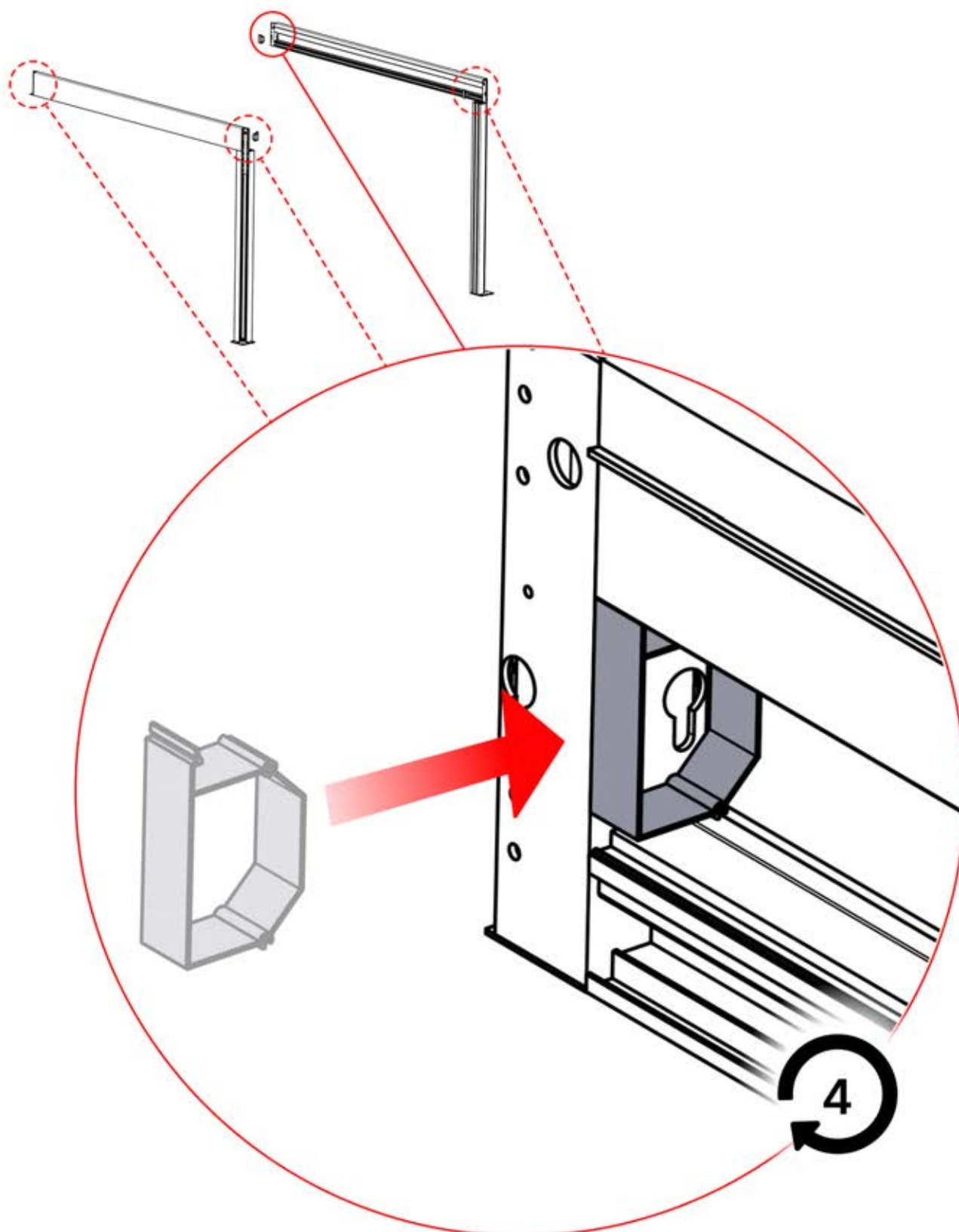
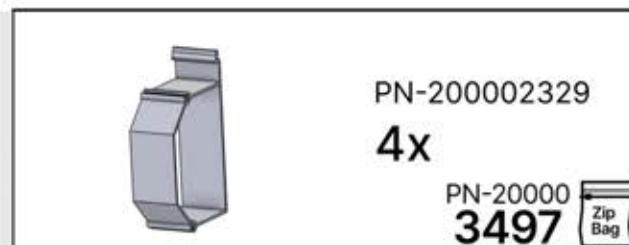
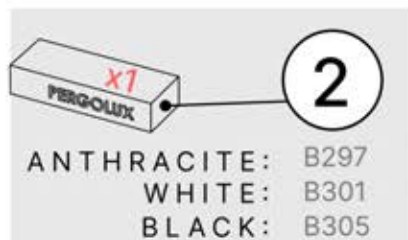
08



09



10



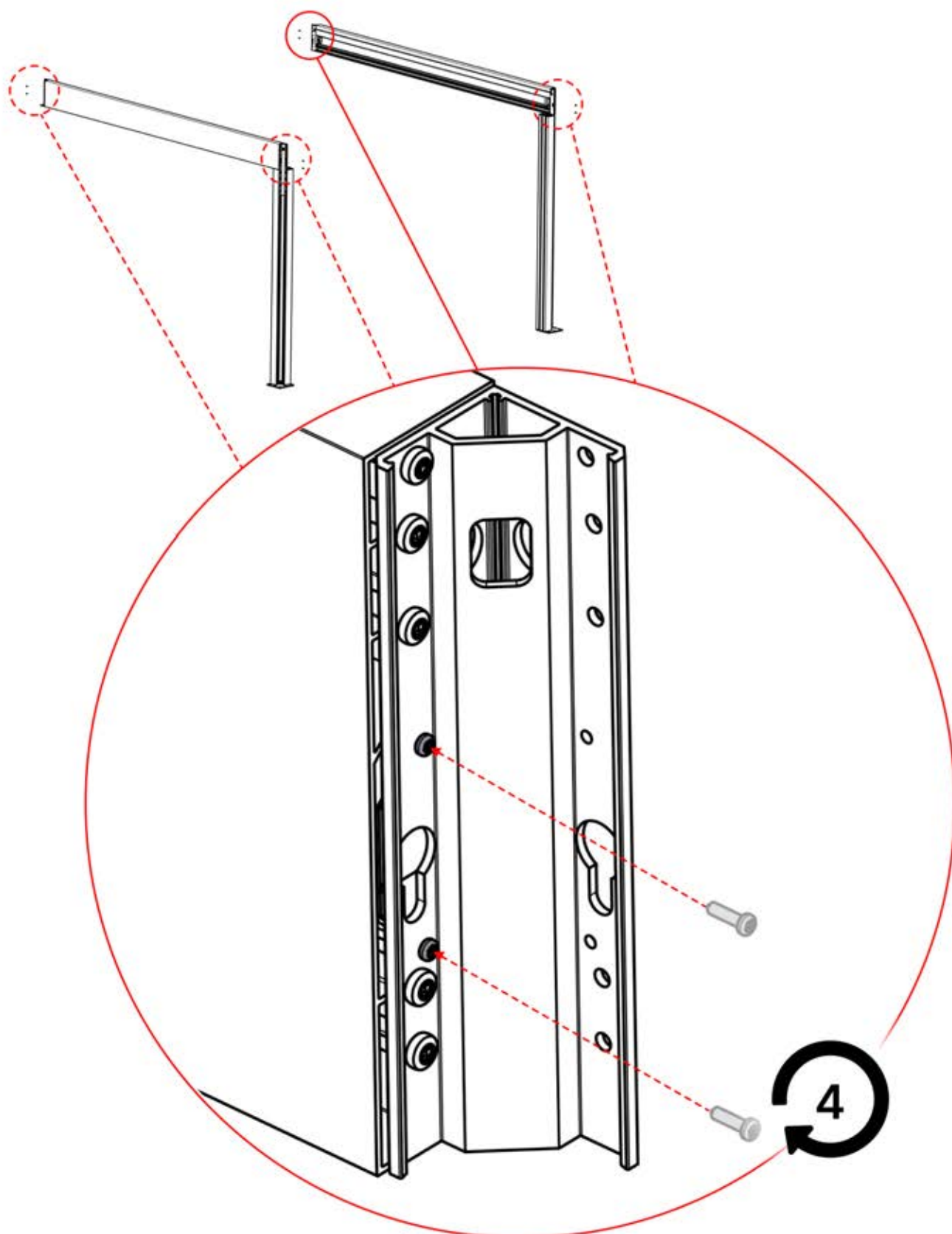
11

 **2**

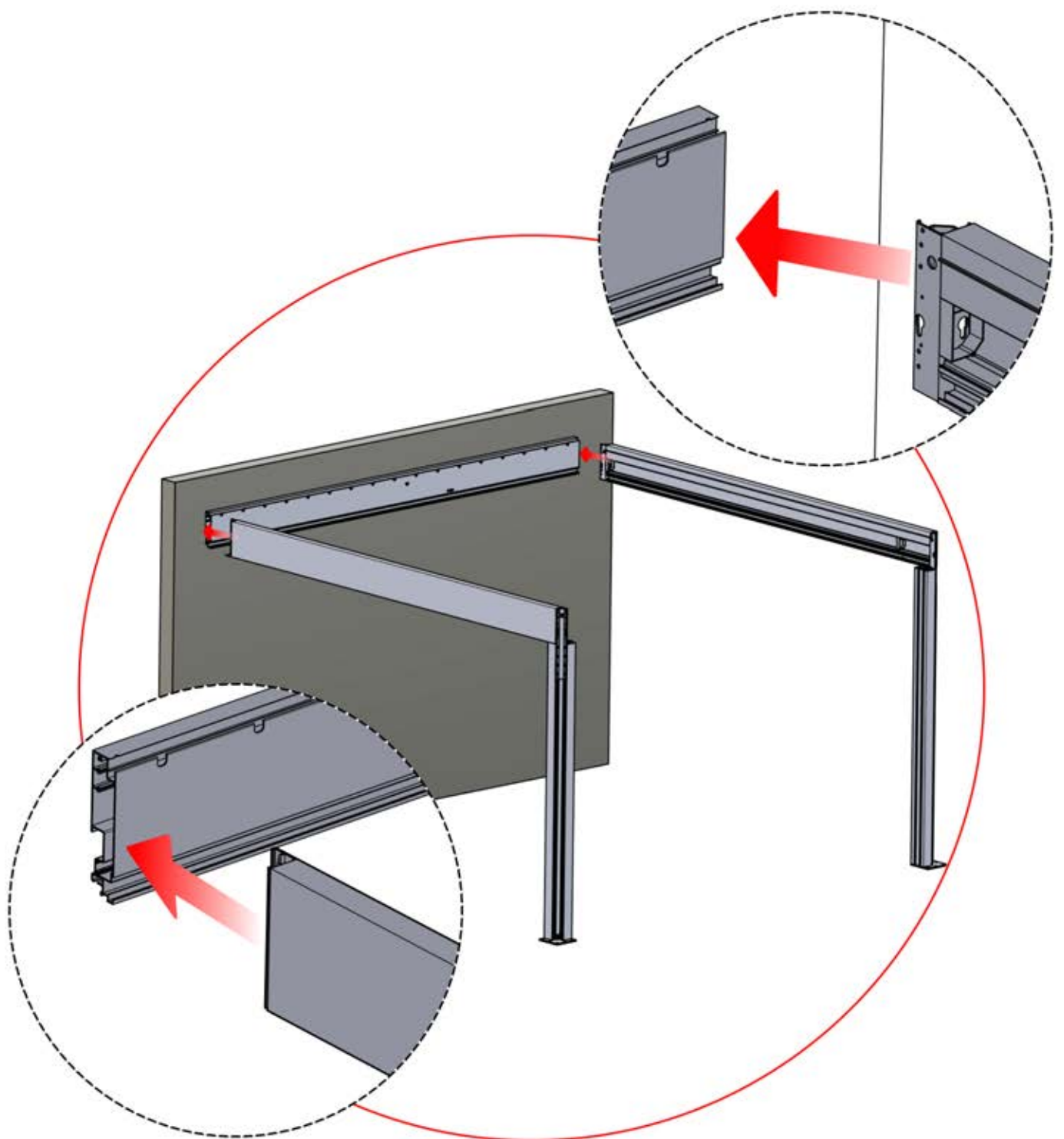
ANTHRACITE: B297
WHITE: B301
BLACK: B305



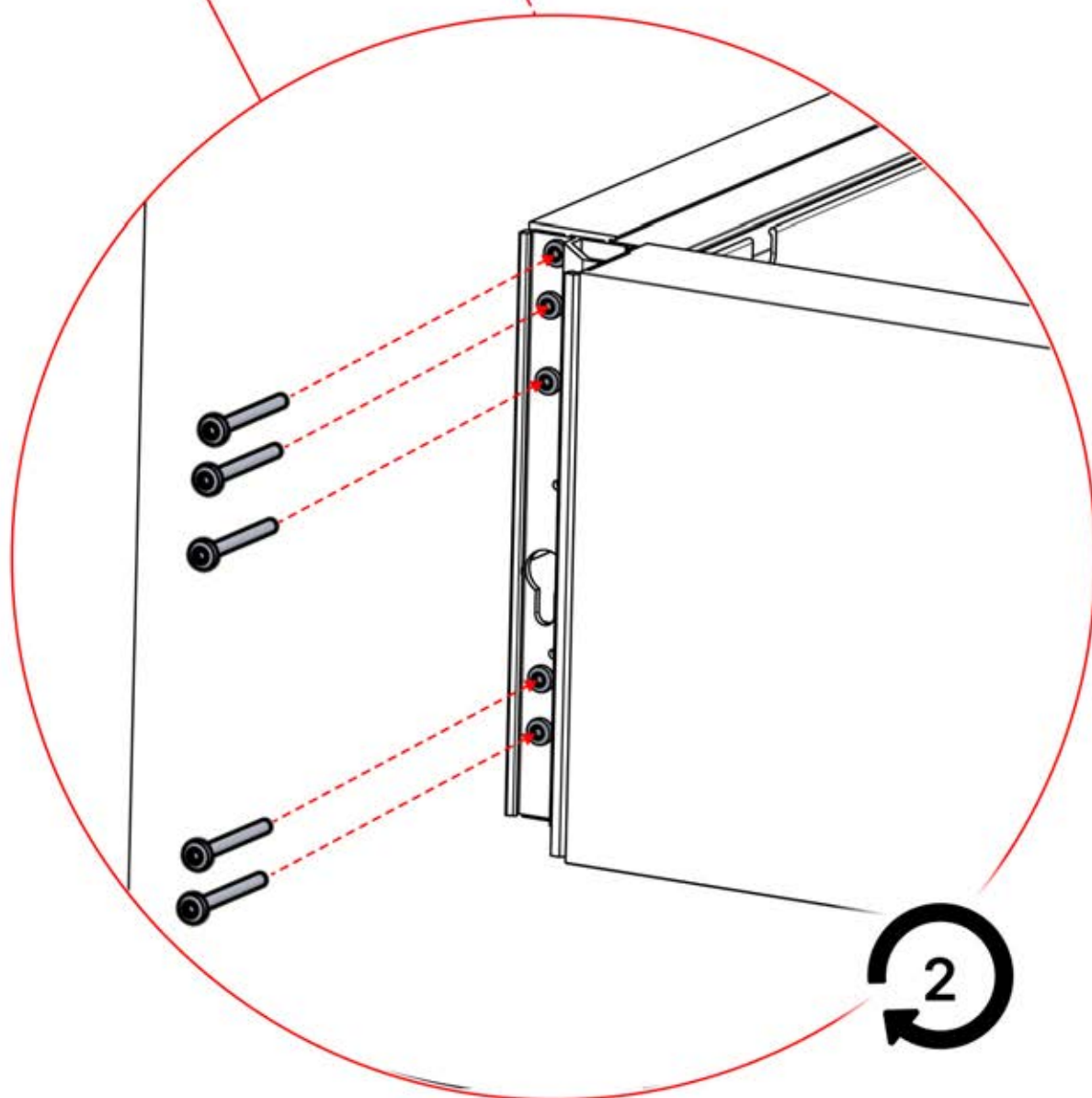
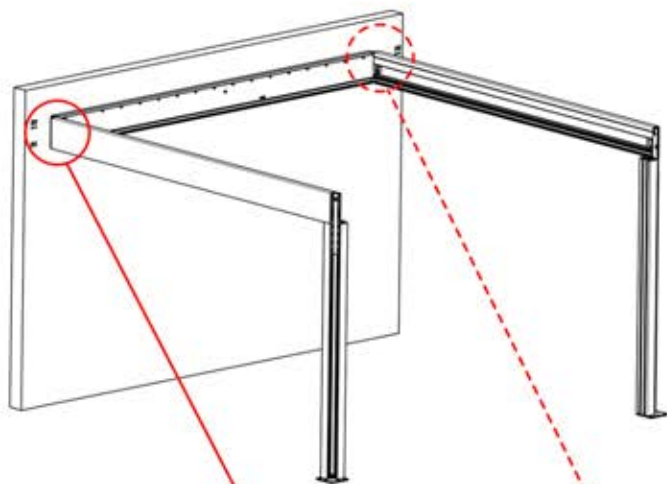
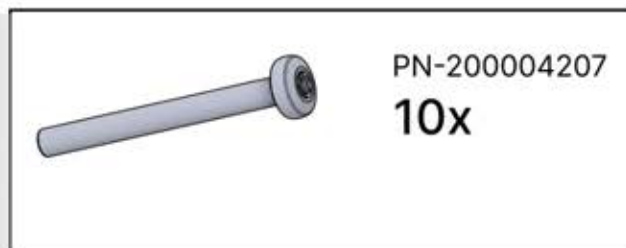
PN-200000852
8x
PN-20000
3497 



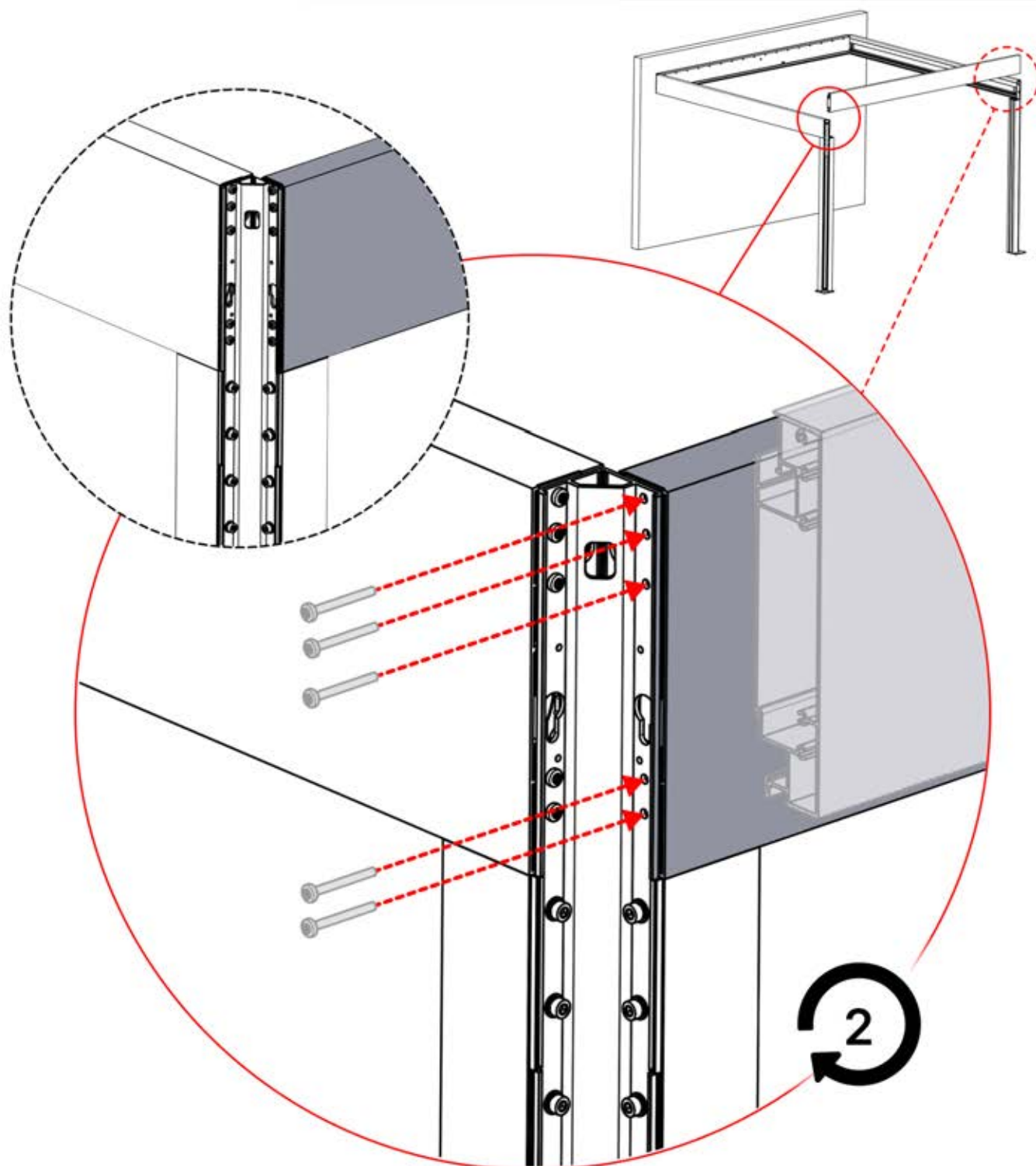
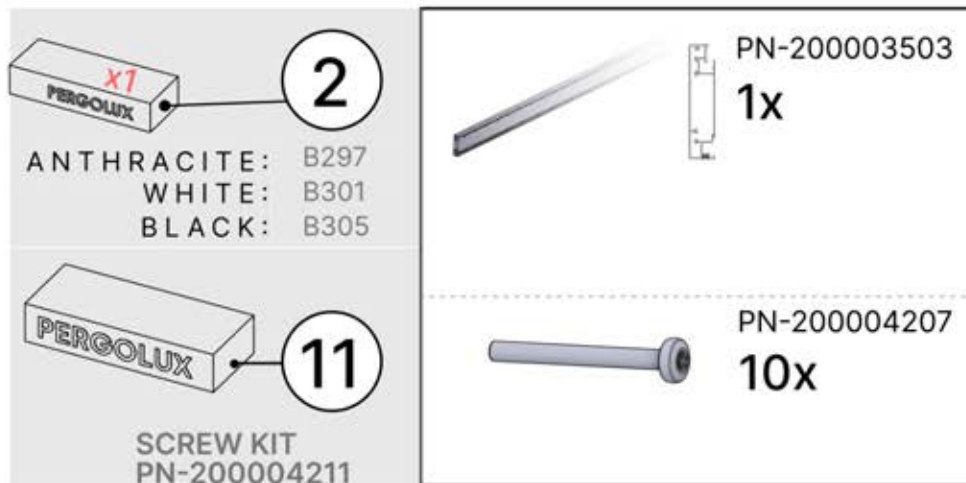
12



13



14

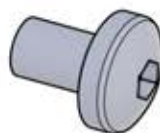


15



2

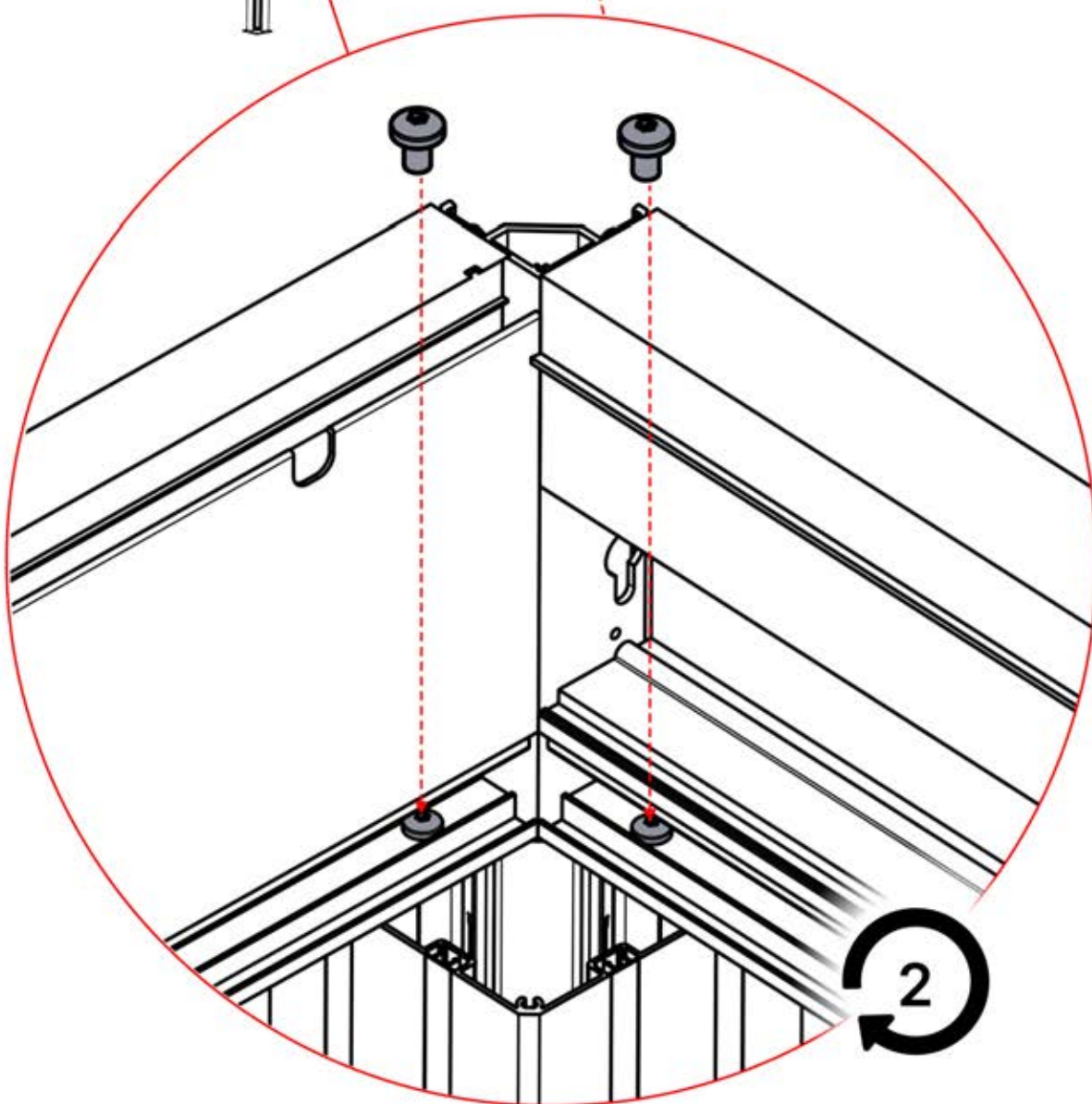
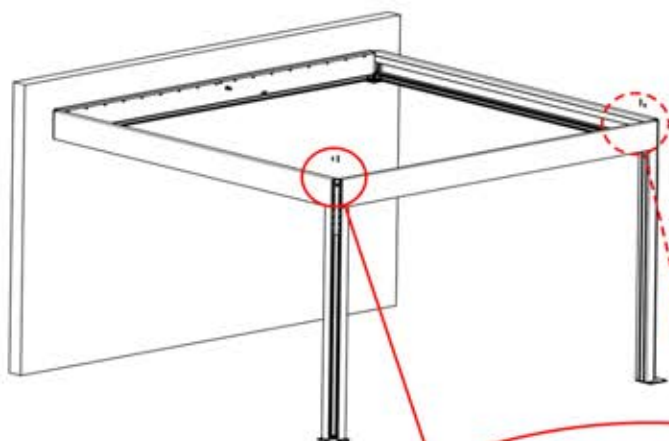
ANTHRACITE: B297
WHITE: B301
BLACK: B305



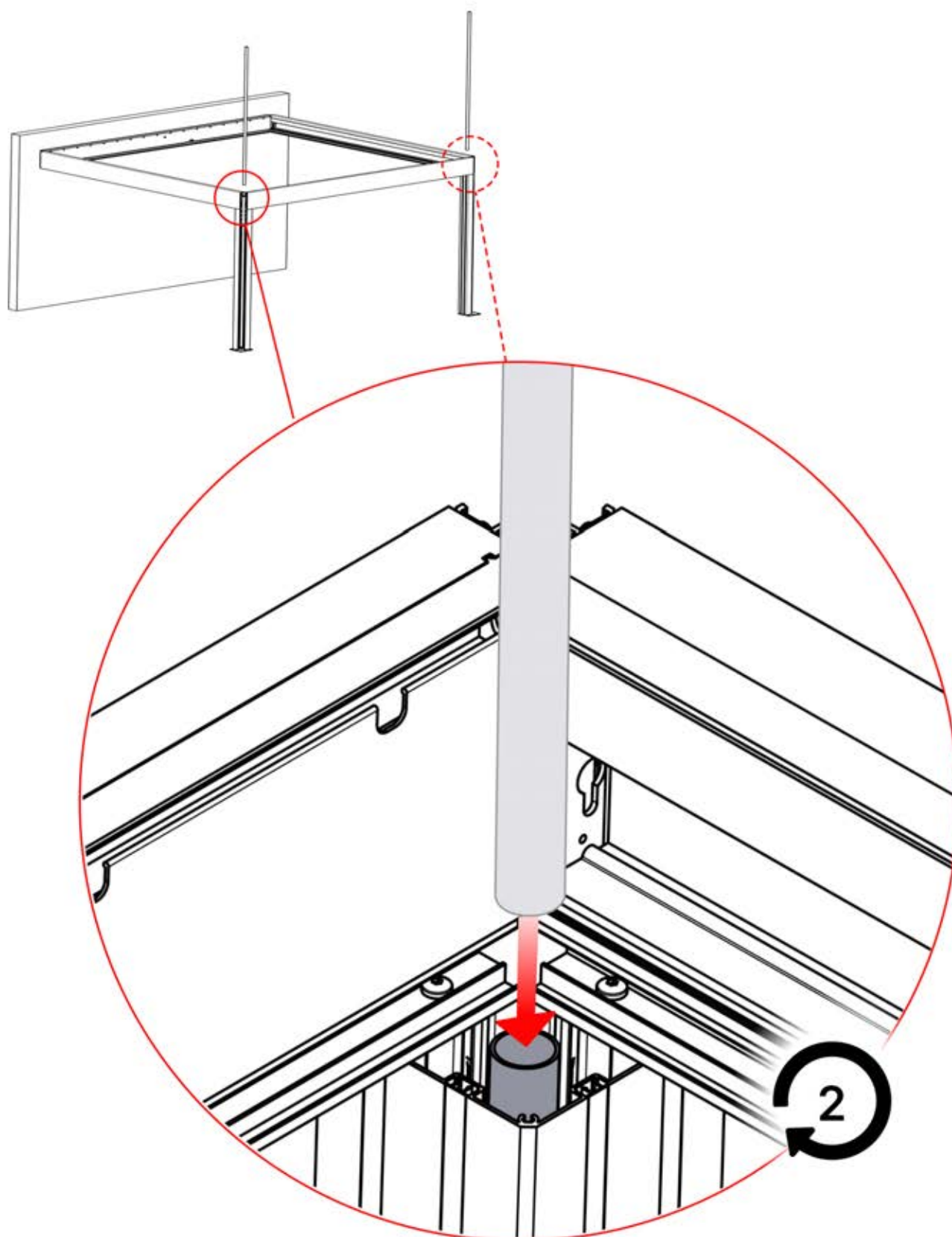
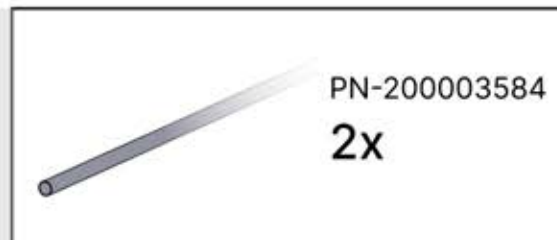
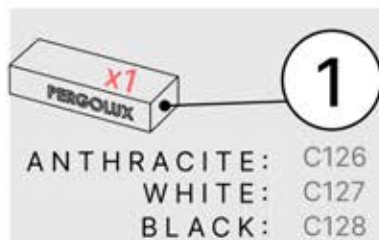
PN-200000655

4x

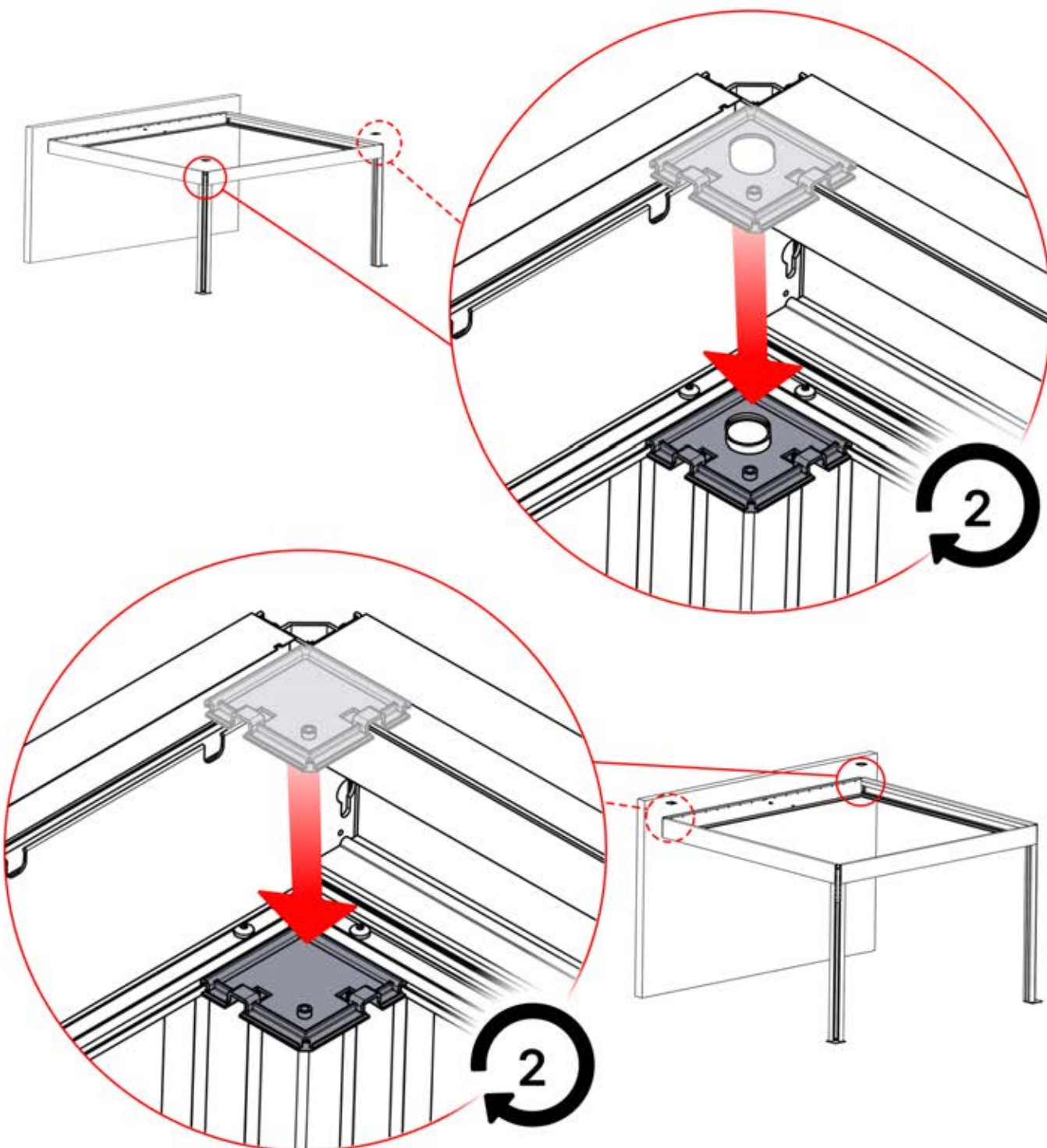
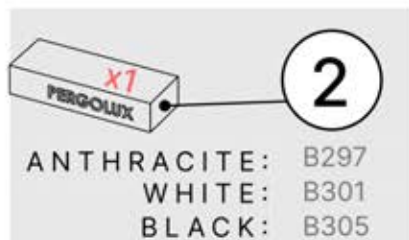
PN-20000
3755



16



17



18



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200002298

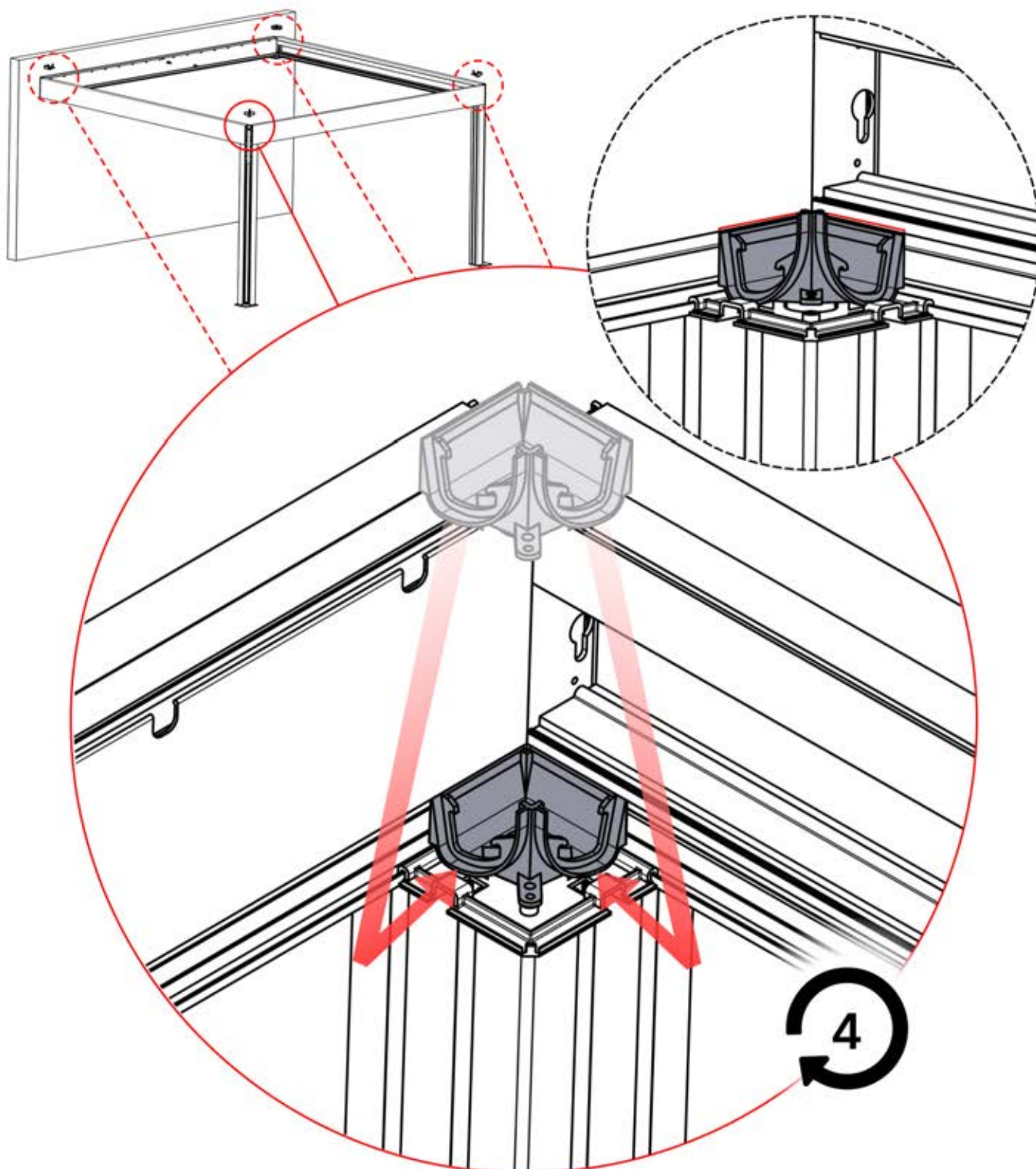
2x



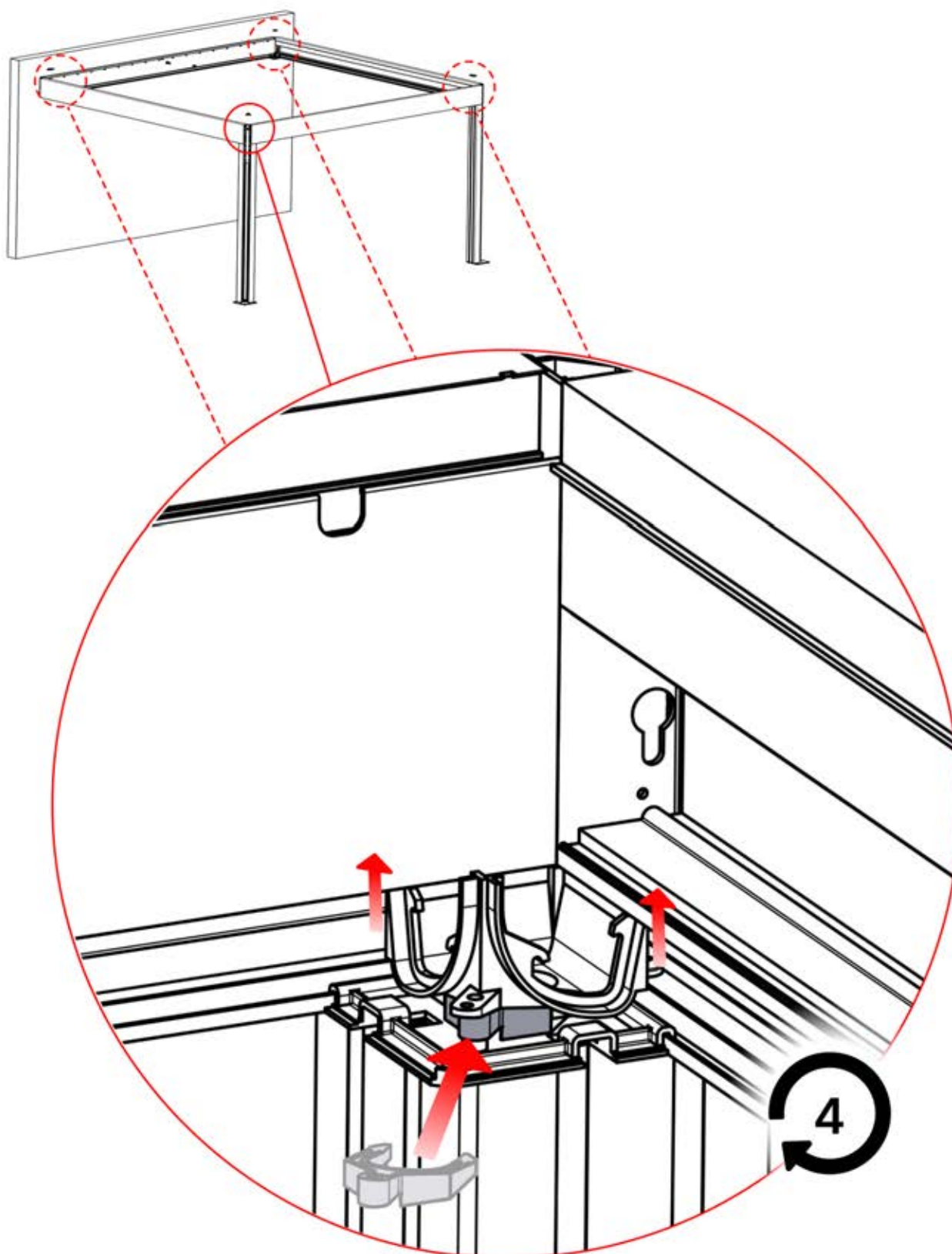
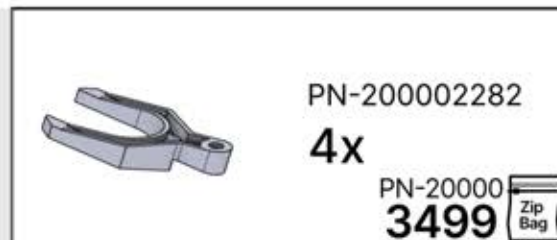
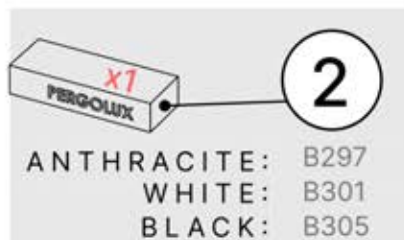
PN-200002369

2x

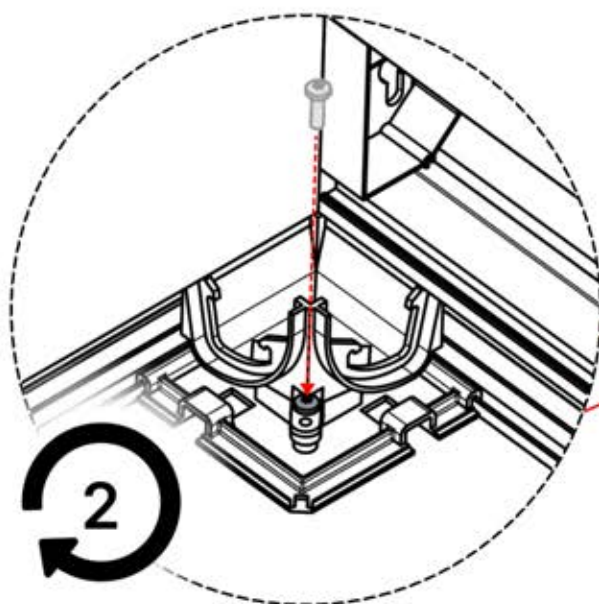
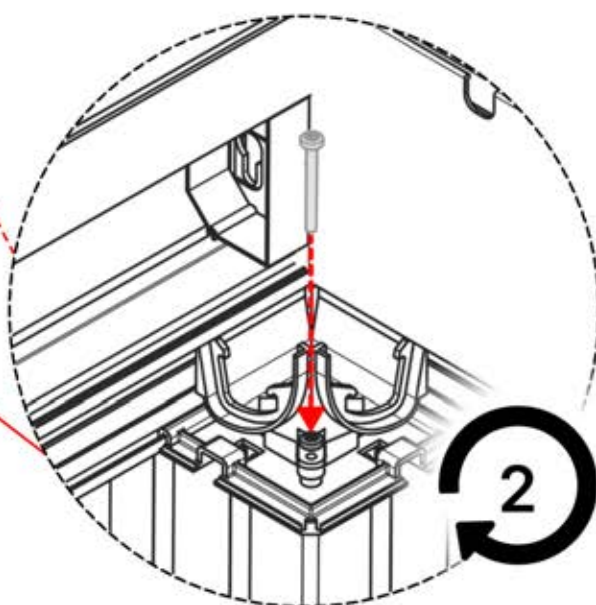
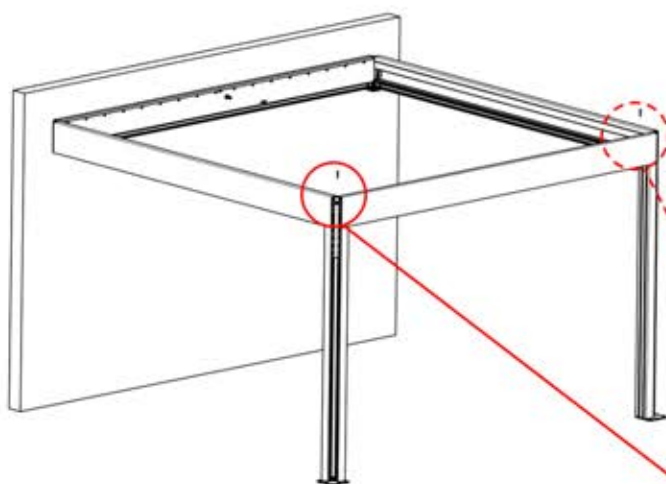
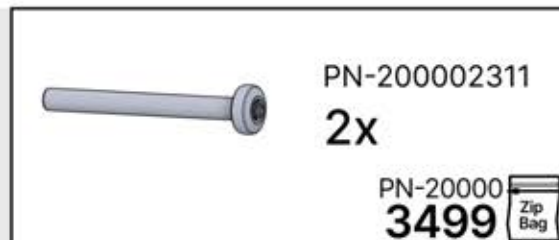
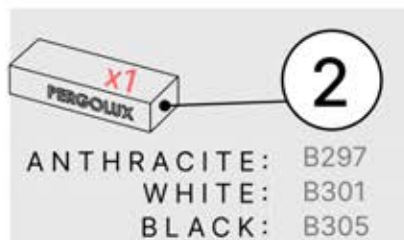
PN-20000
3499



19



20



21



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



3

ANTHRACITE: B314
WHITE: B316
BLACK: B318



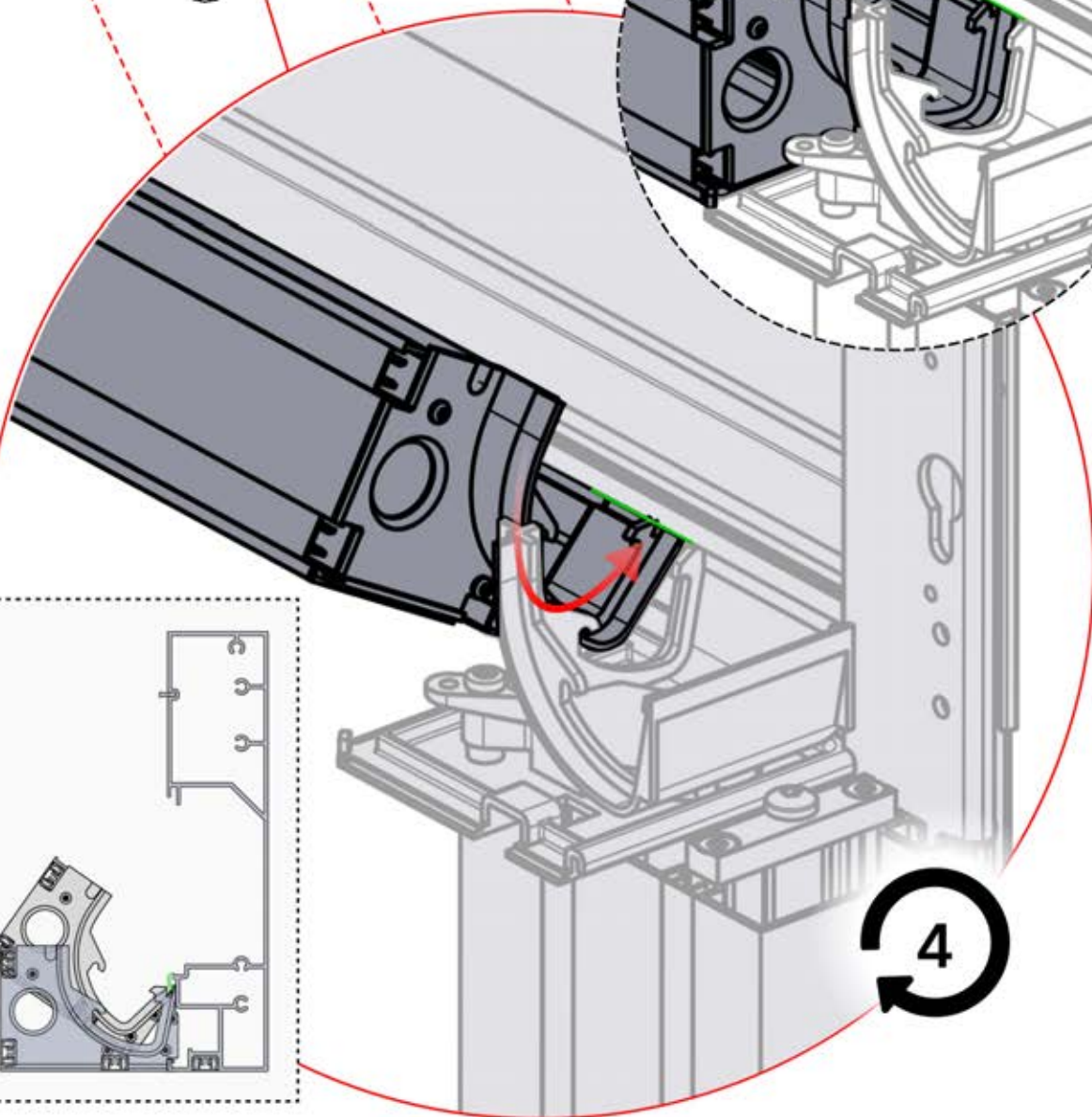
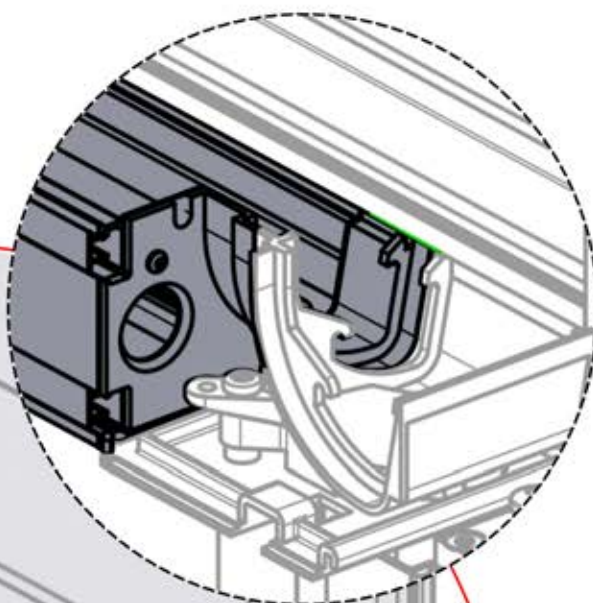
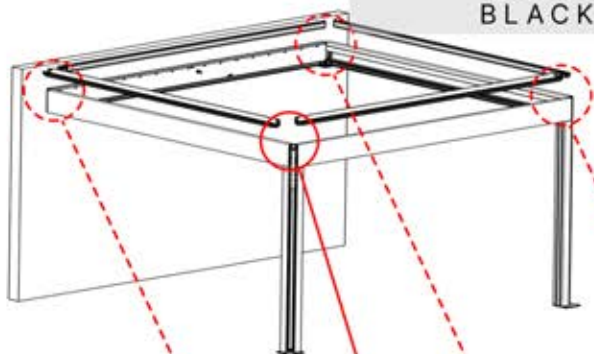
PN-200002486

2x

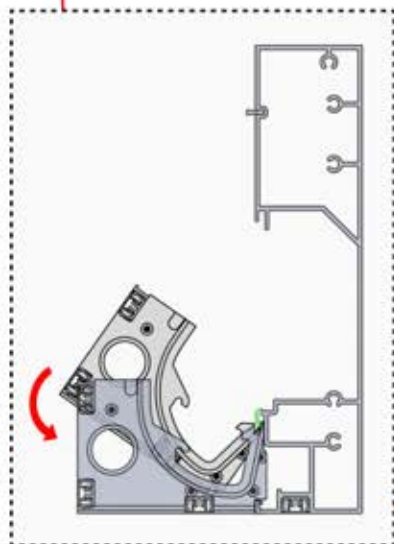


PN-200002344

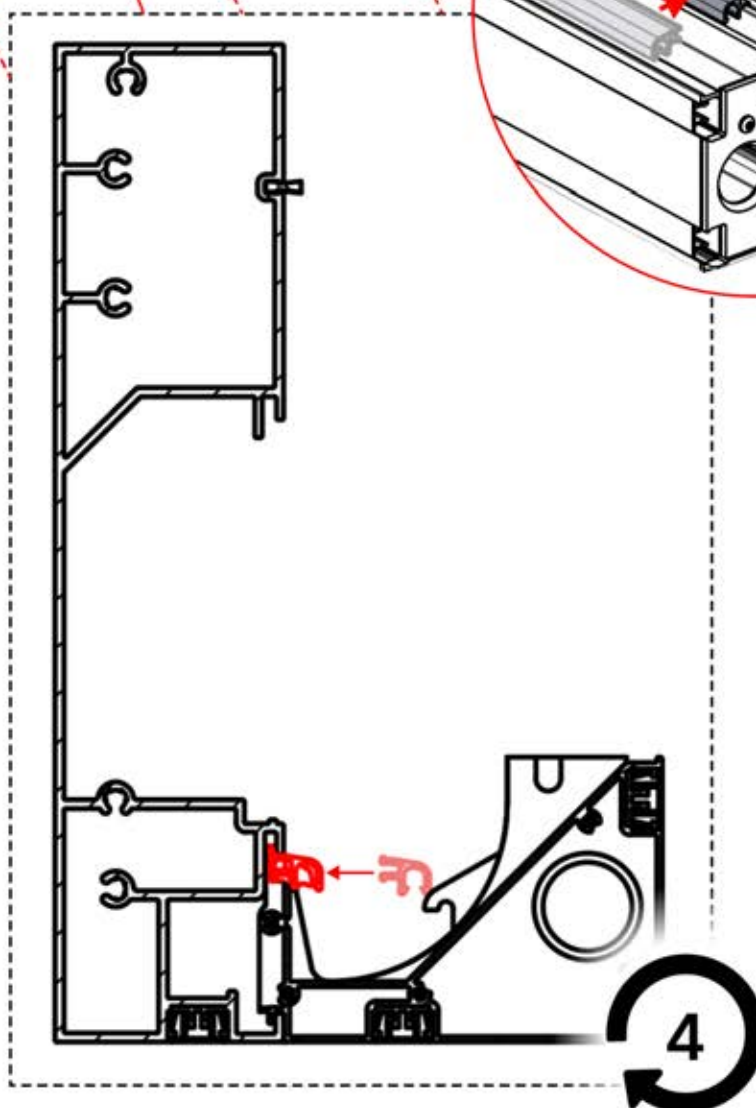
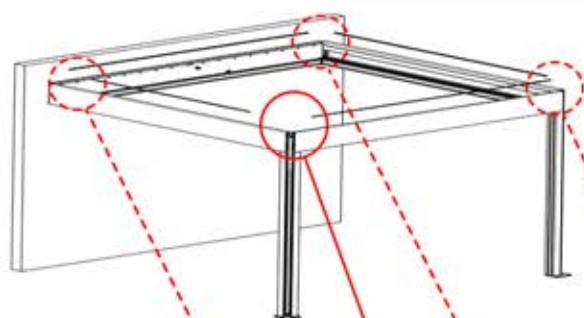
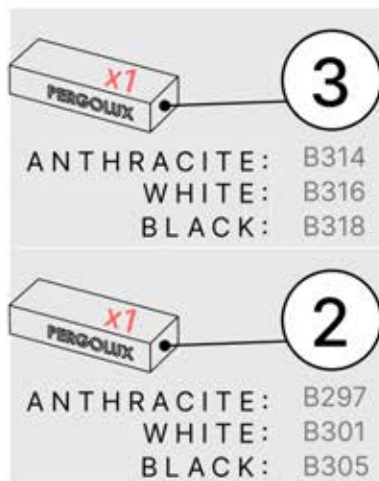
2x



4



22



INFORMATION



Apply grease to
part



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200003051

8x

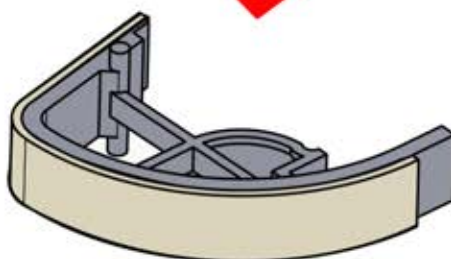
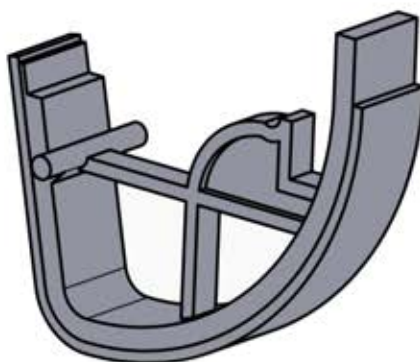
PN-200003049

8x

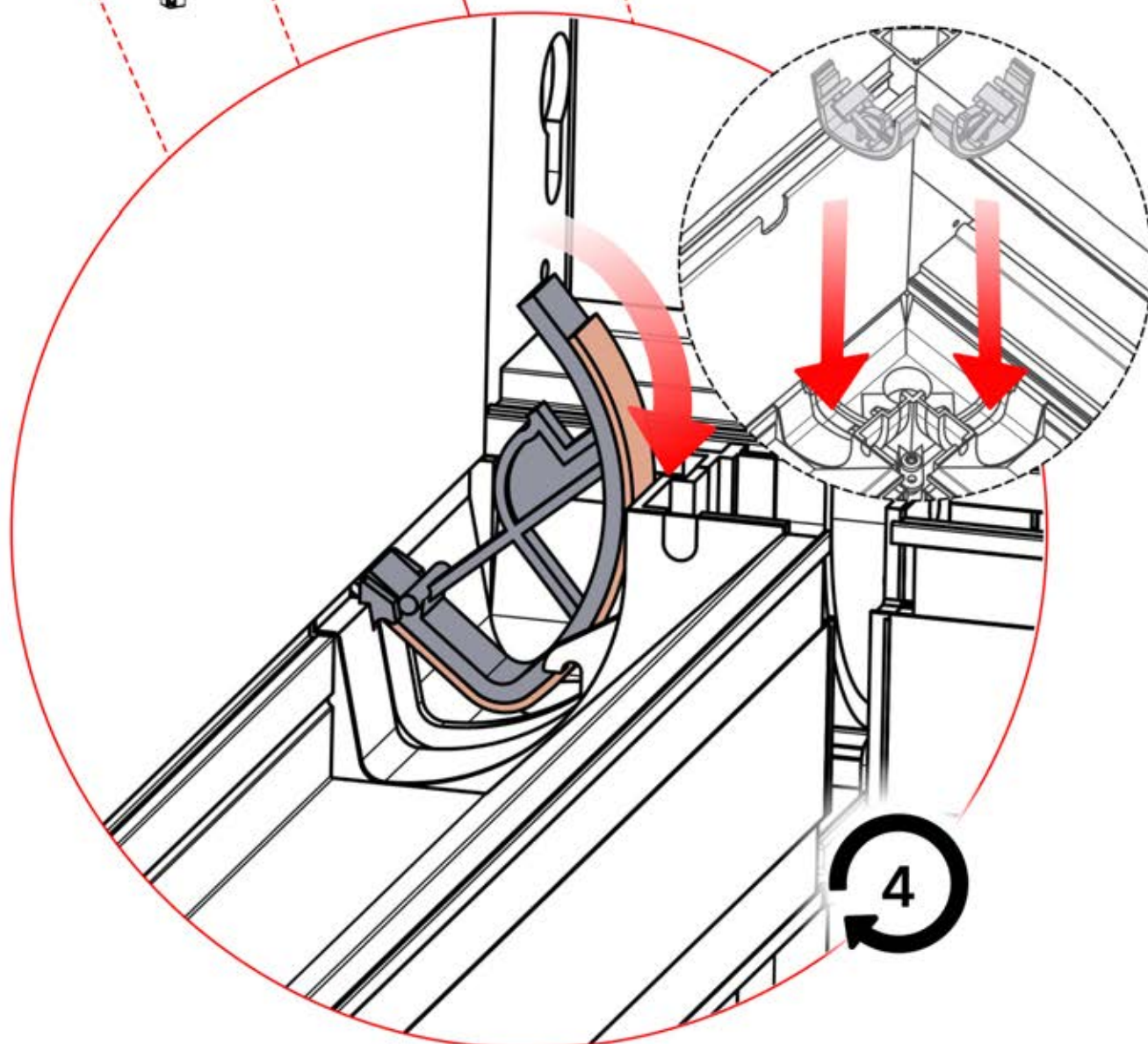
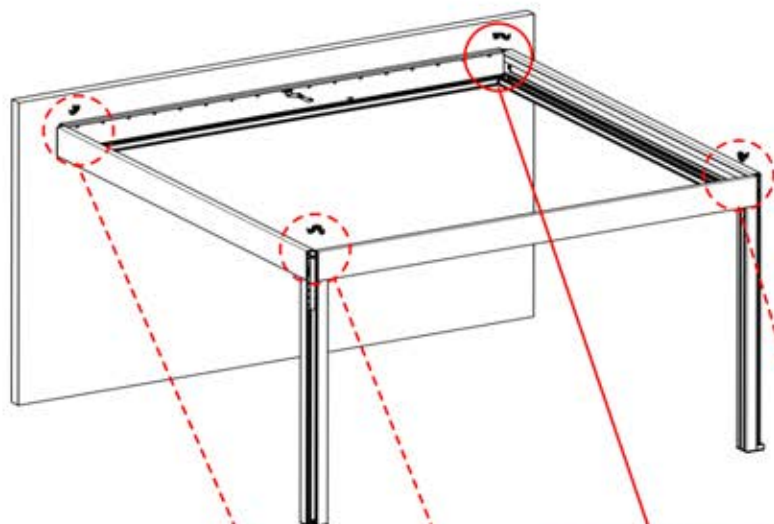
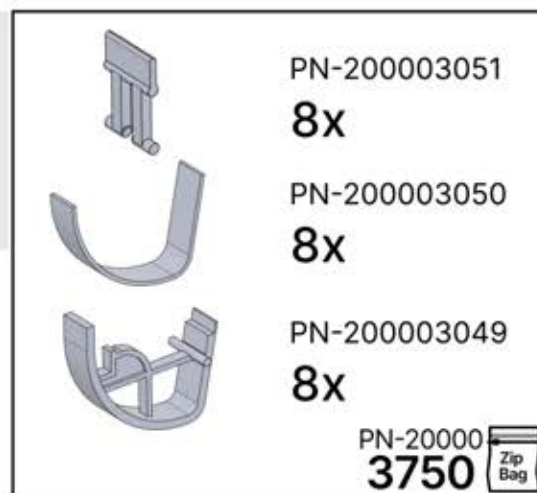
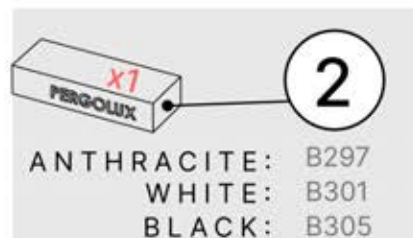
PN-200003050

8x

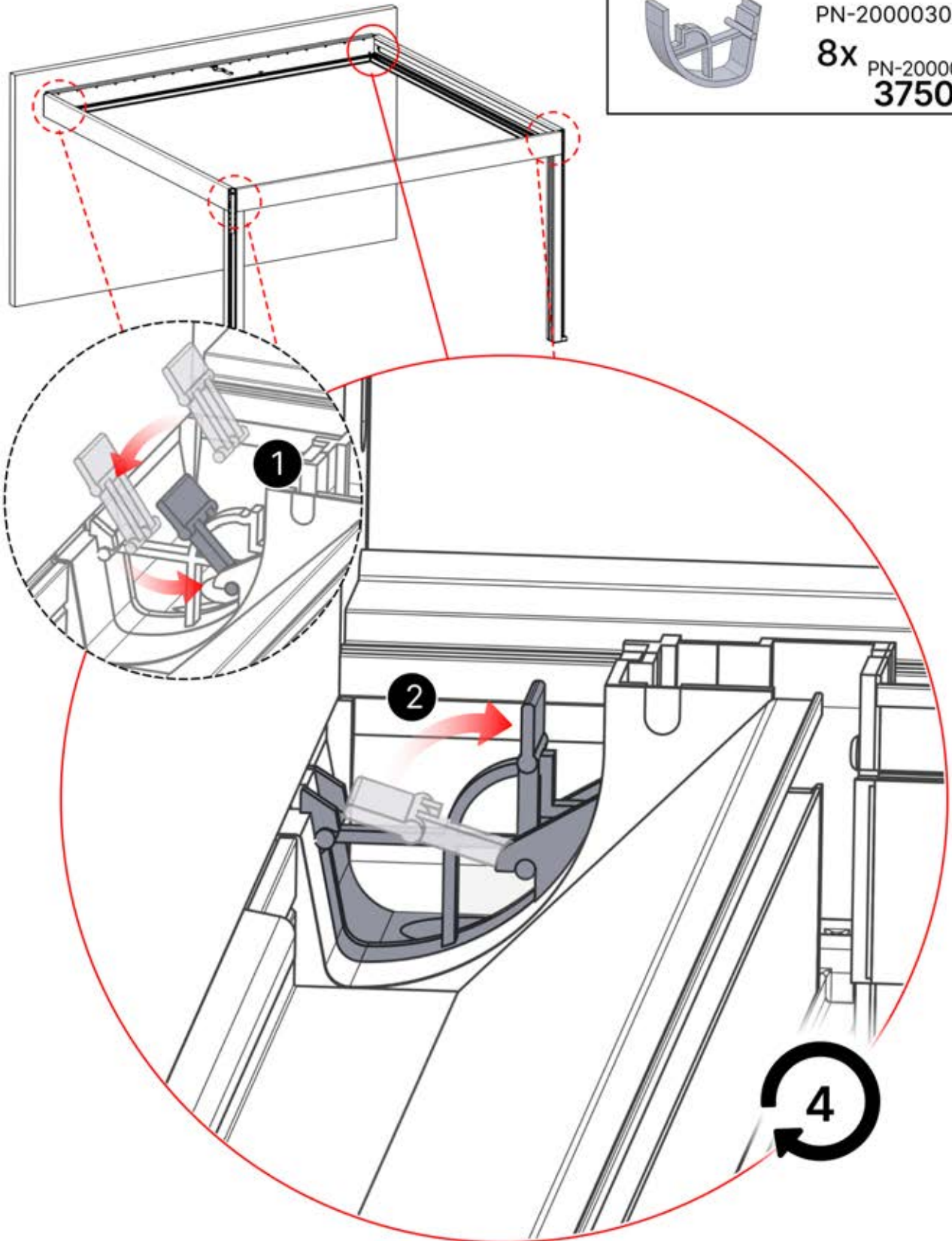
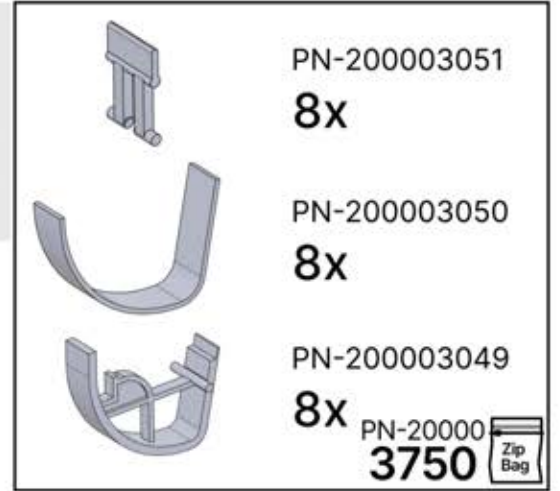
PN-20000
3750



23



24



25



2

ANTHRACITE: B297
WHITE: B301
BLACK: B305



PN-200002289

4x

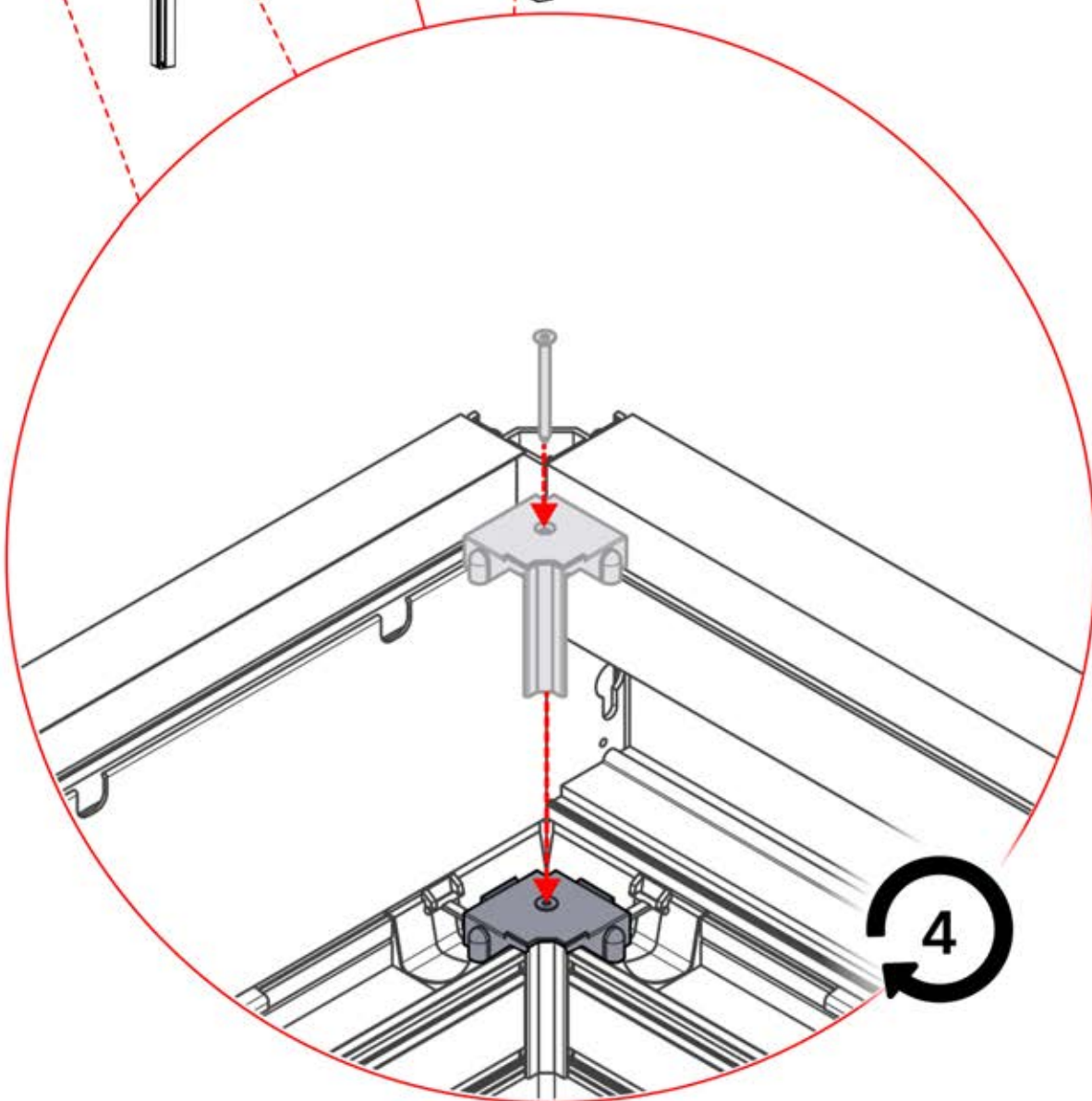
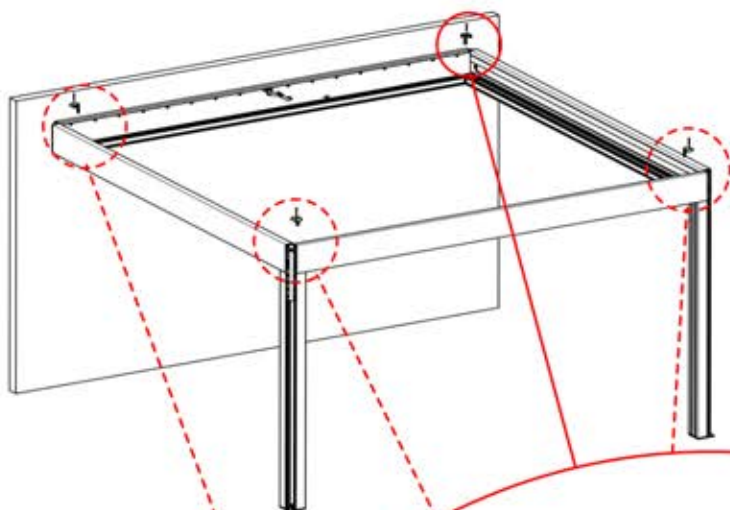
PN-20000
3496



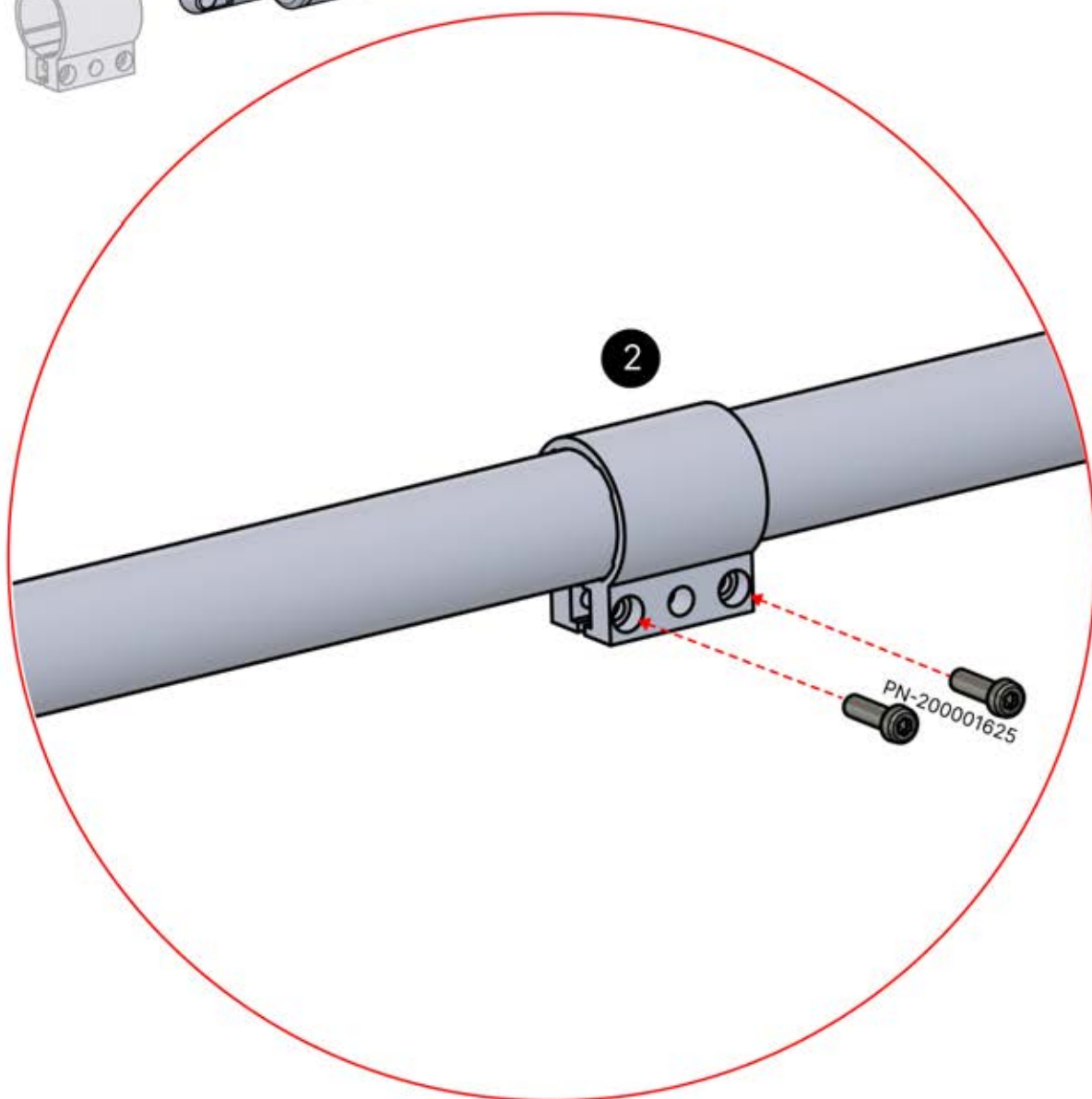
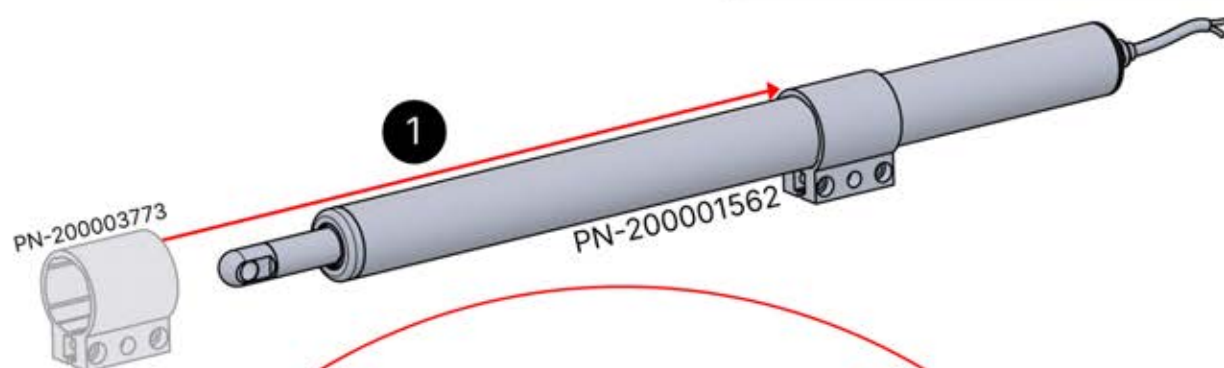
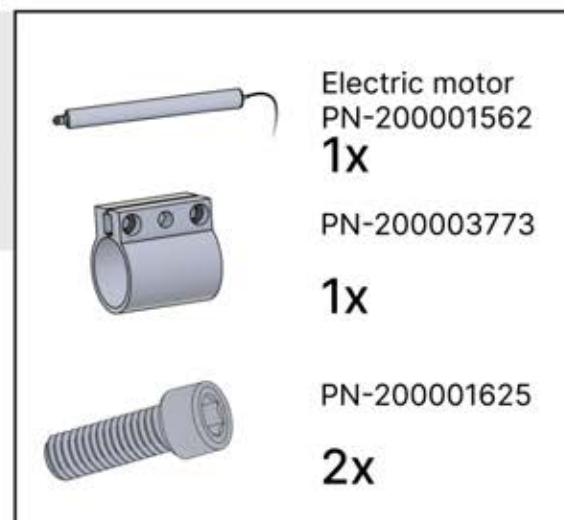
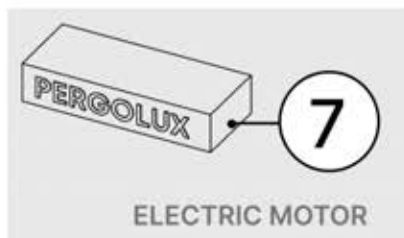
PN-200000958

4x

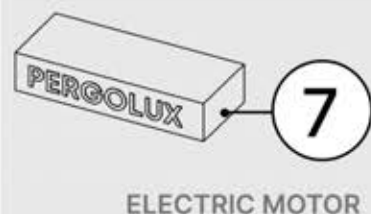
PN-20000
3756



26

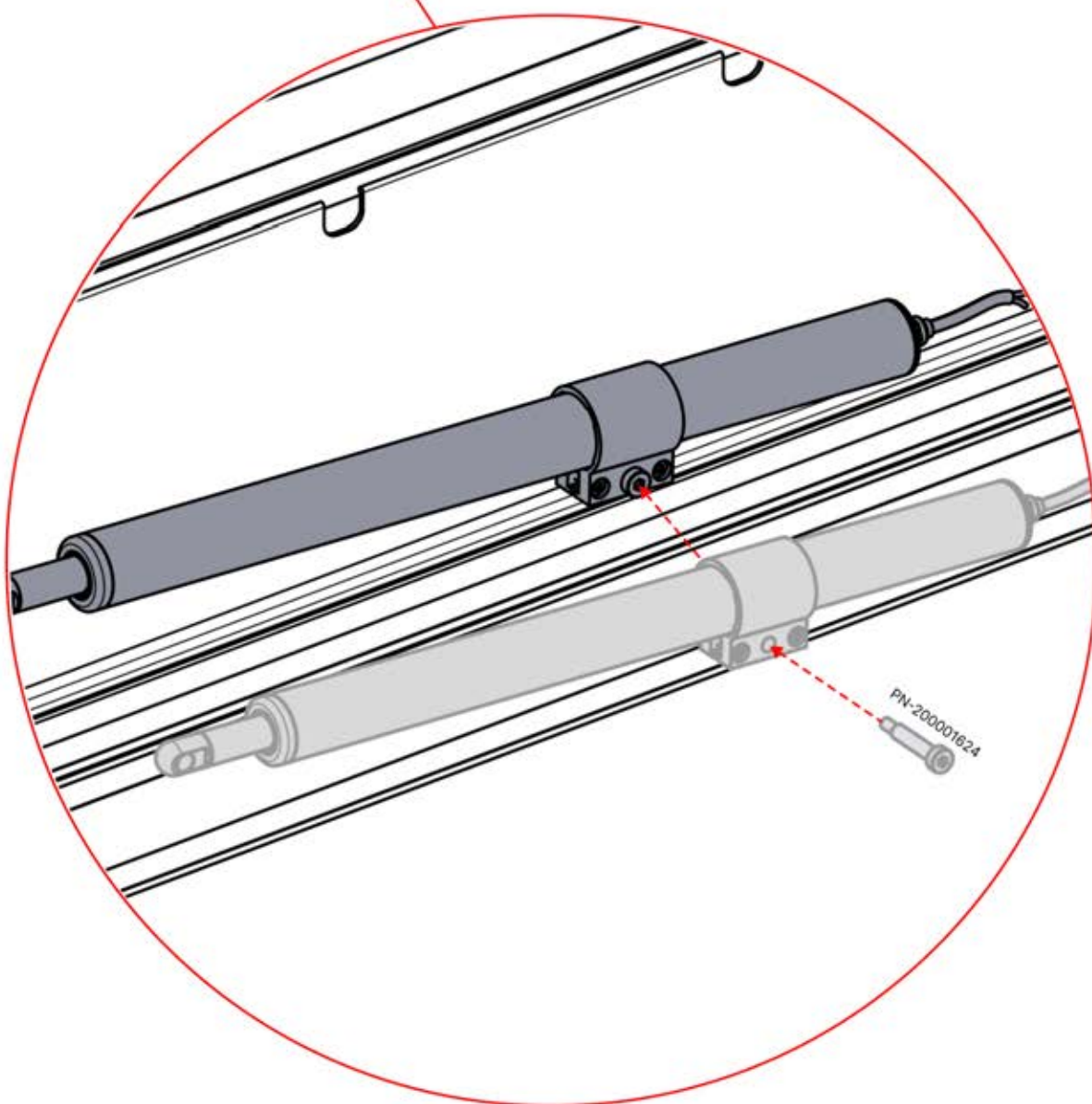
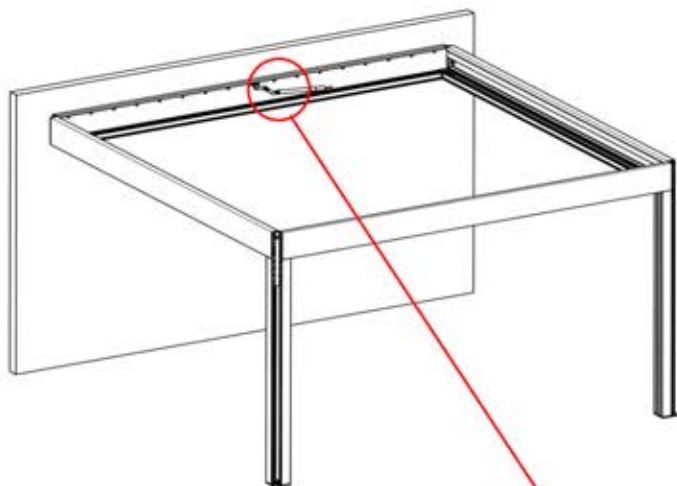


27



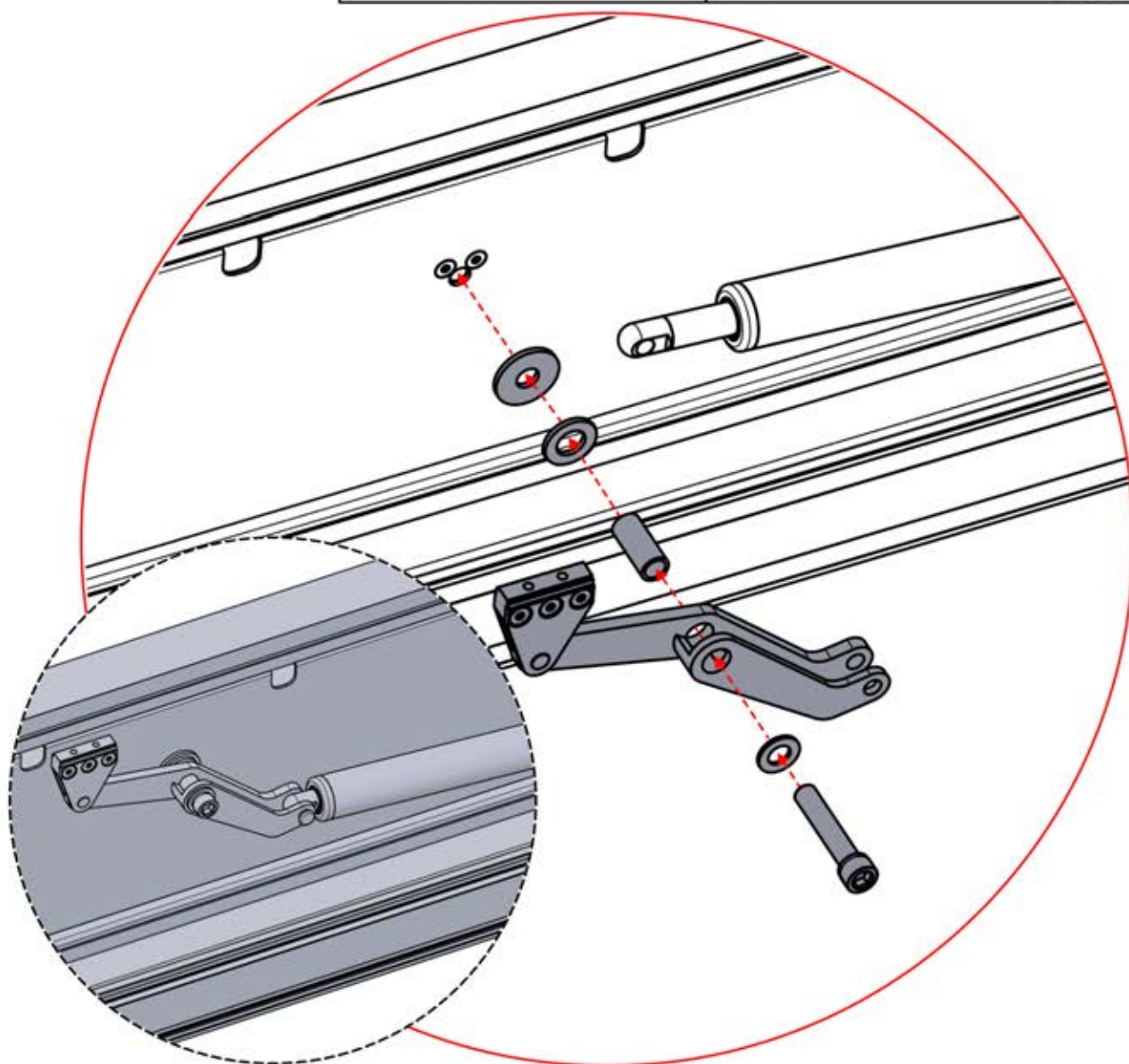
PN-200001624

1x

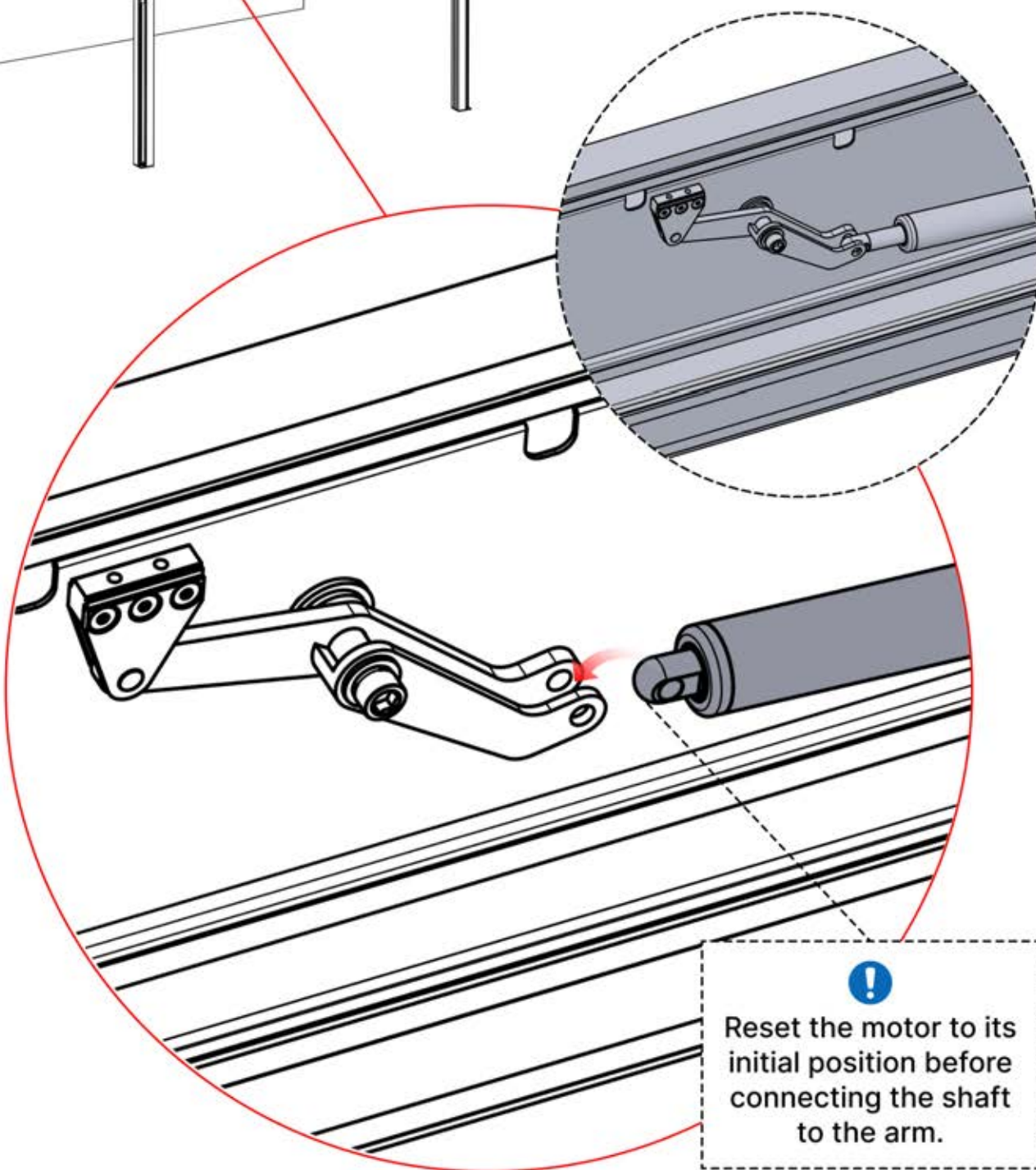
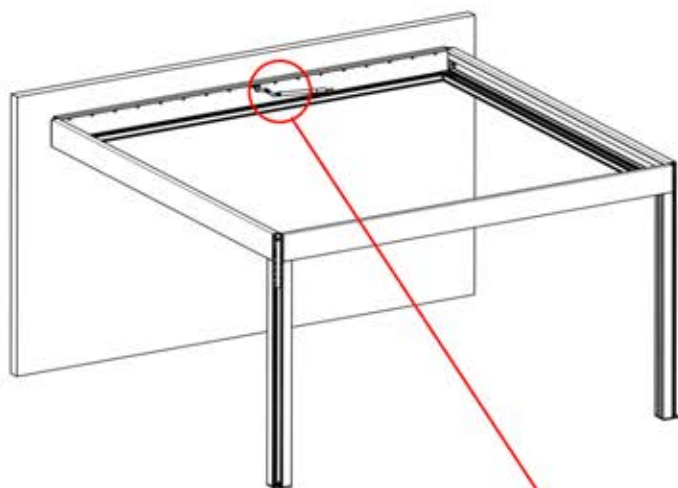


28

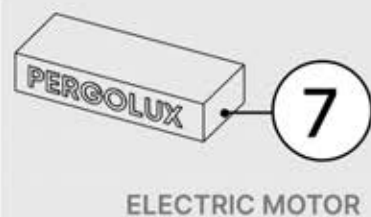
 ANTHRACITE: B297 WHITE: B301 BLACK: B305	 PN-200002326 1x  PN-200002328 2x  PN-200002327 1x  PN-200002333 1x  PN-200002355 1x PN-20000 3751 
 PN-200003500 1x  PN-200002330 1x  PN-200002324 1x	



29



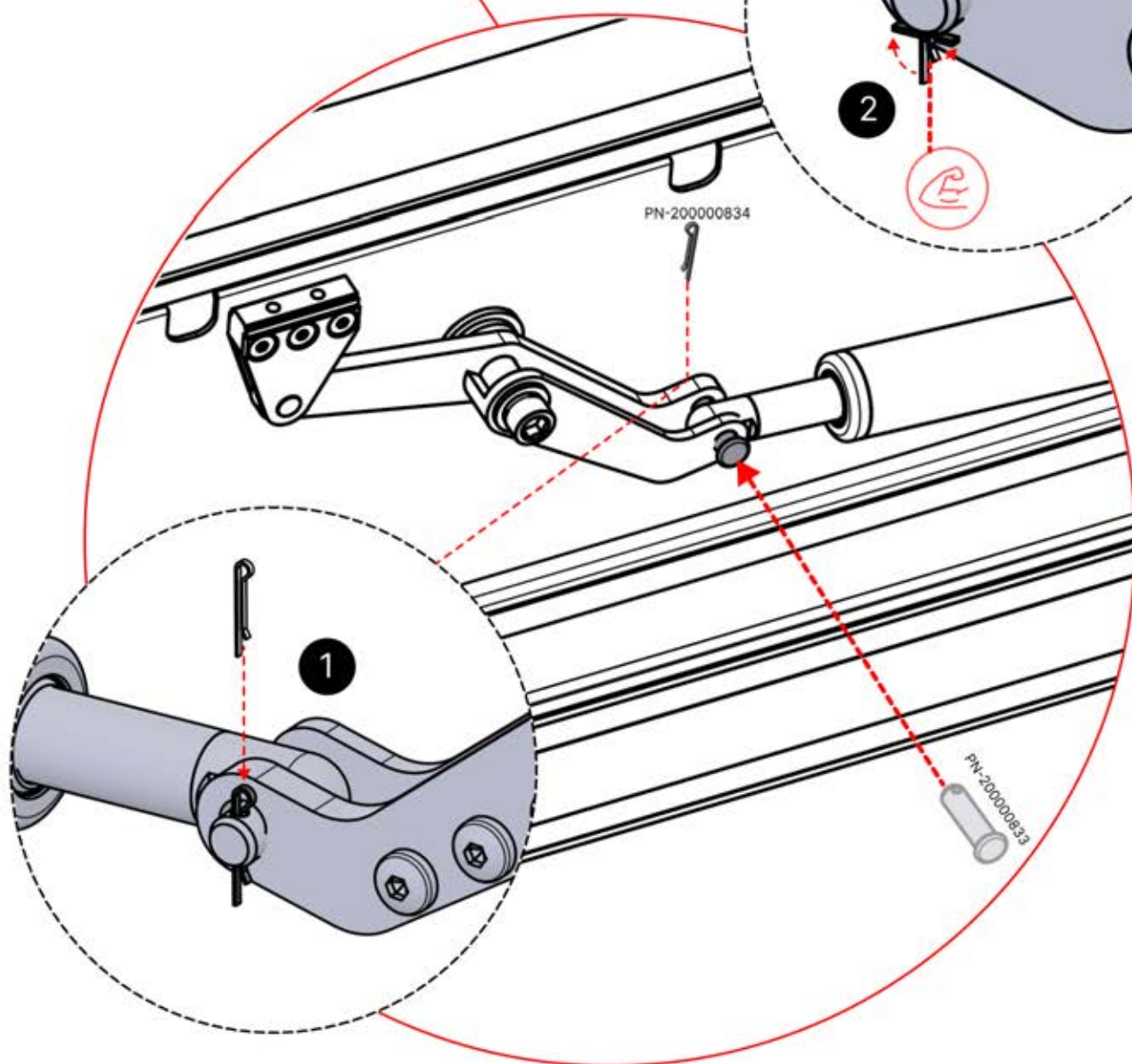
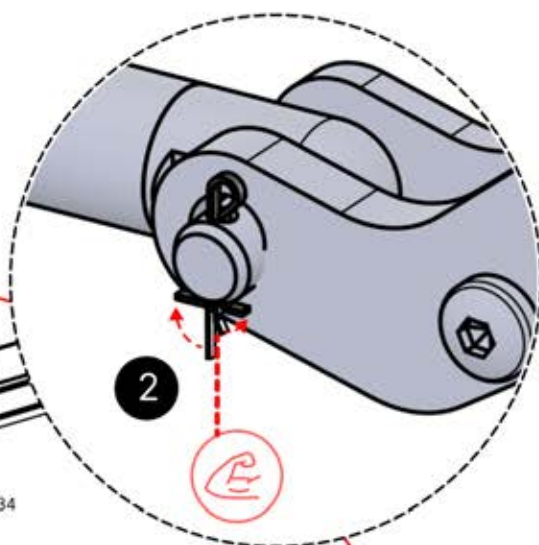
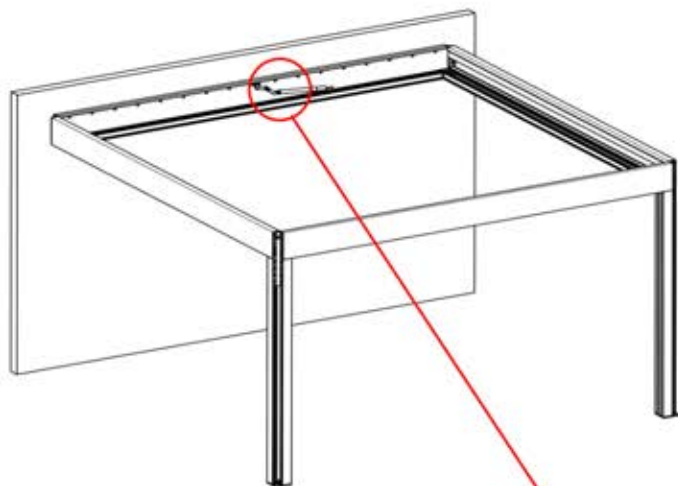
30



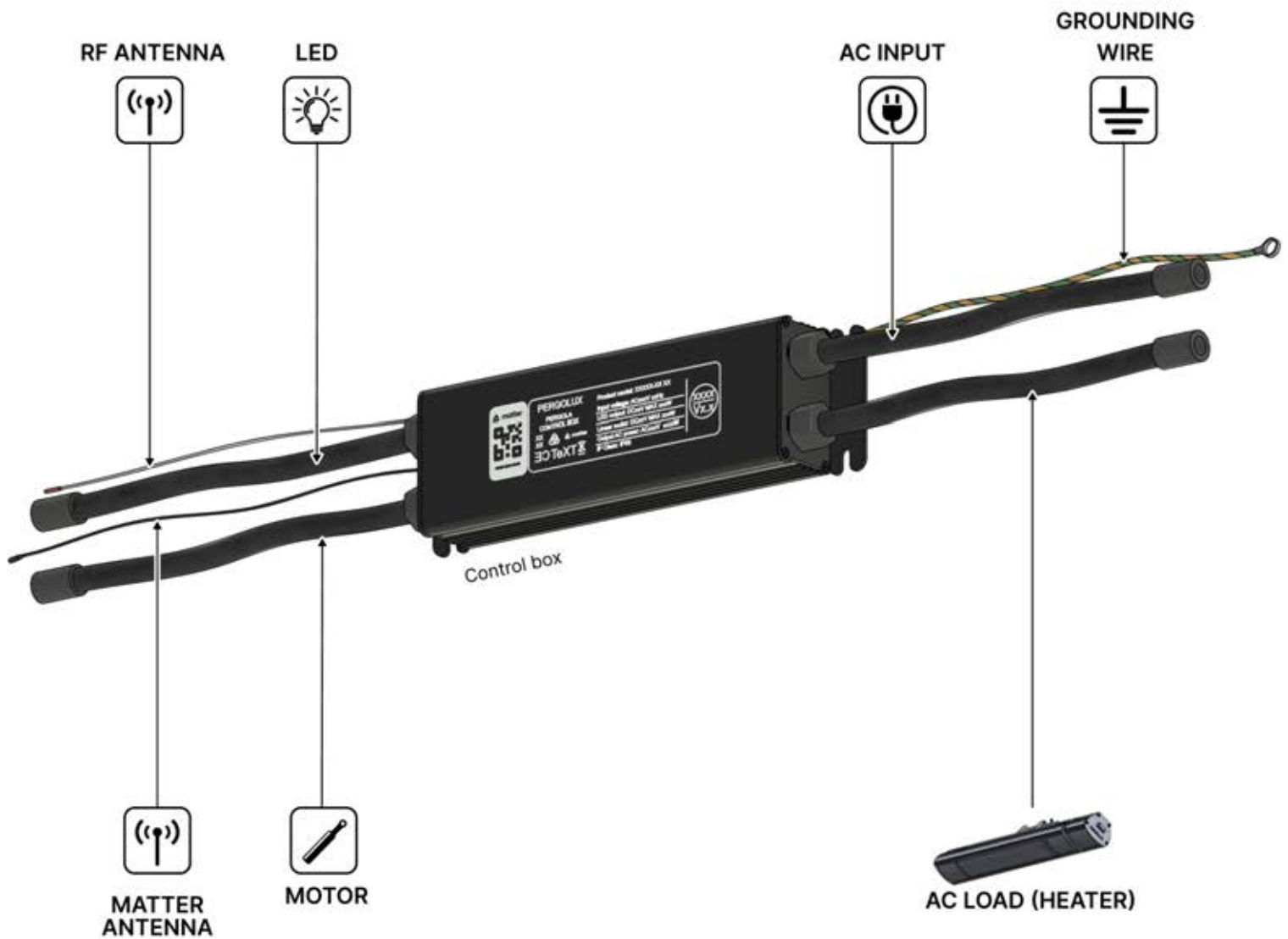
Motor Screw
1x



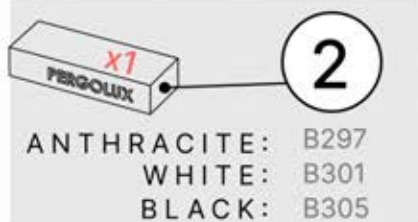
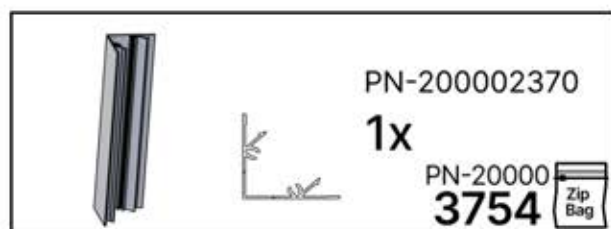
Split Pin
1x



INPUTS AND OUTPUTS

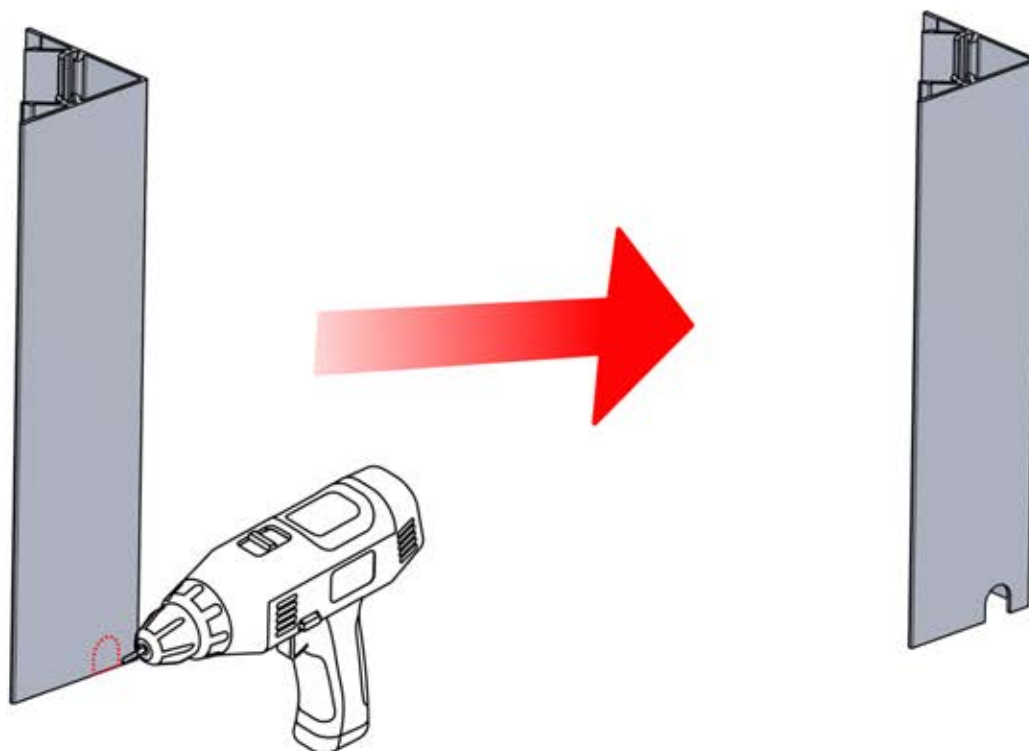


INFORMATION

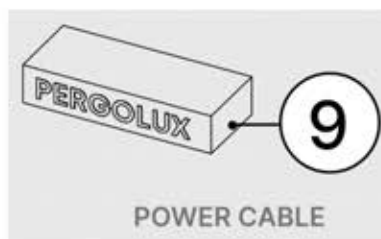


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200002370**) as illustrated. This allows the cable to pass through during installation in step 71.

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.

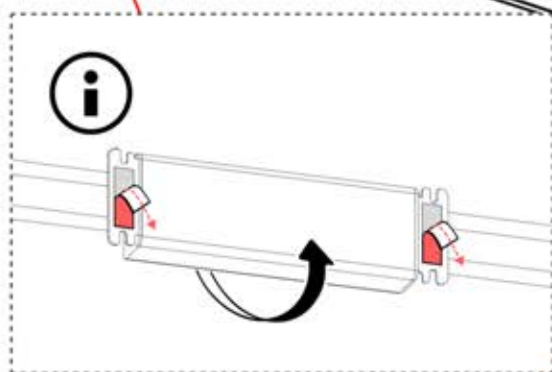
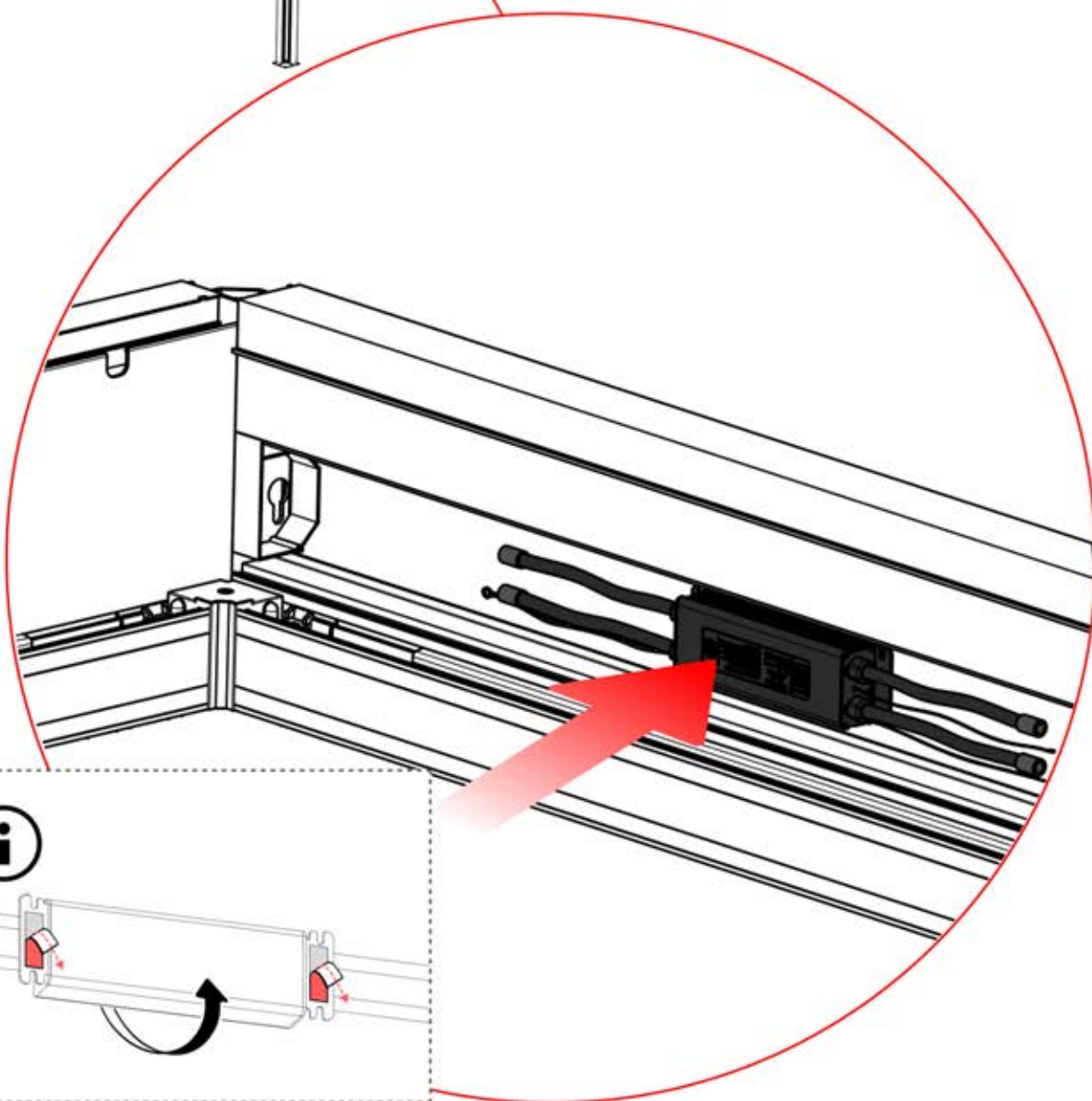
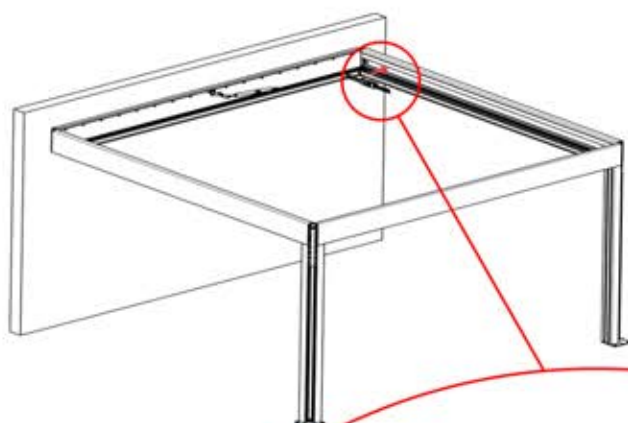


31

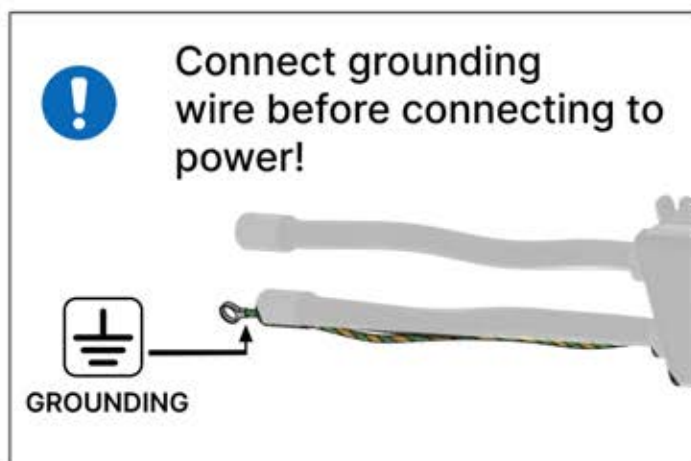


!

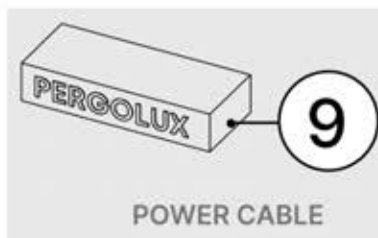
Control Box can be
installed on
Preferred W BEAM



32



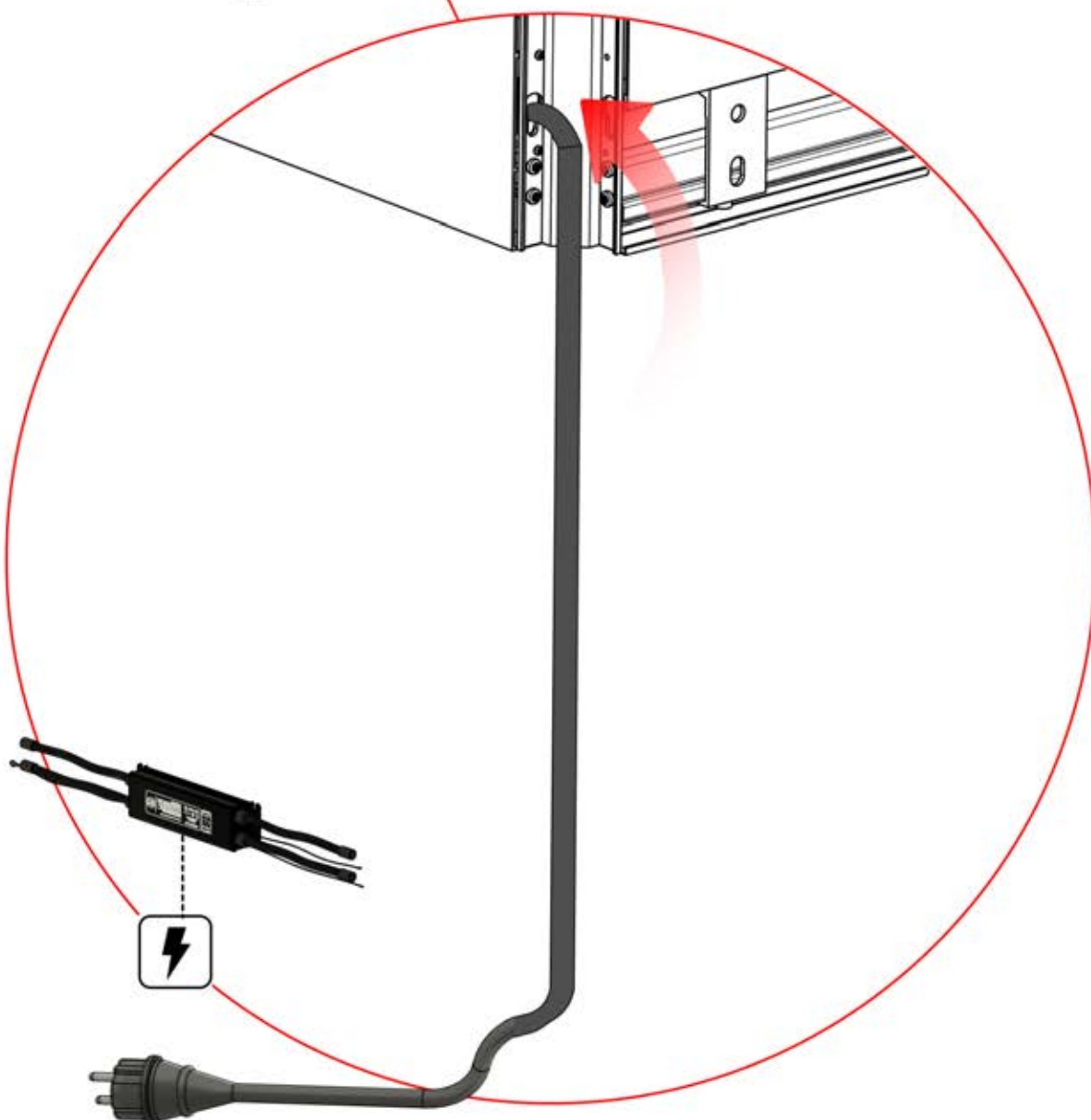
33



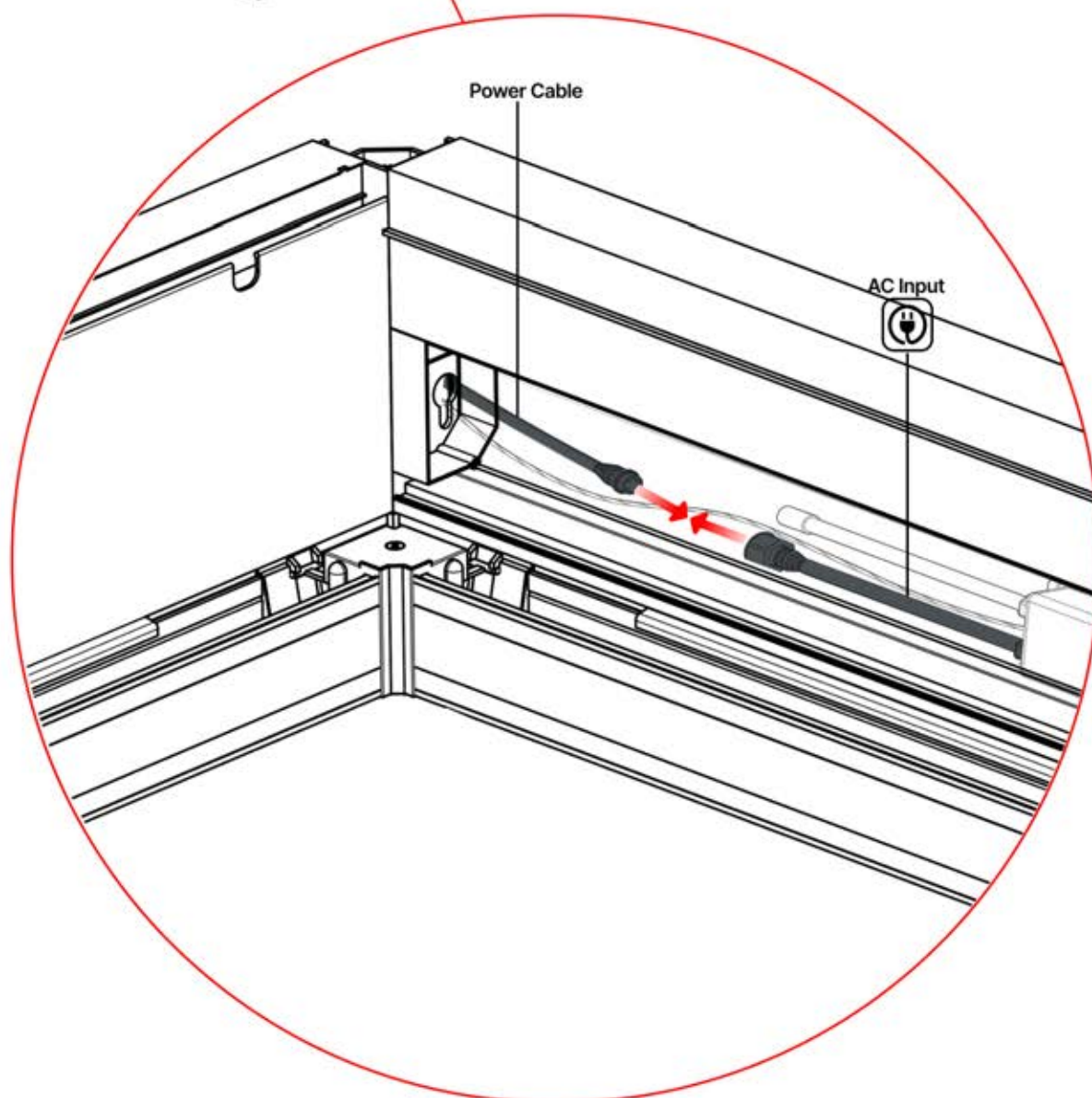
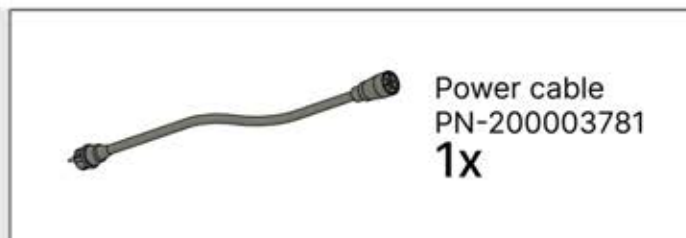
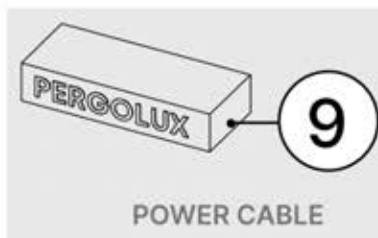
Power cable
PN-200003781
1x



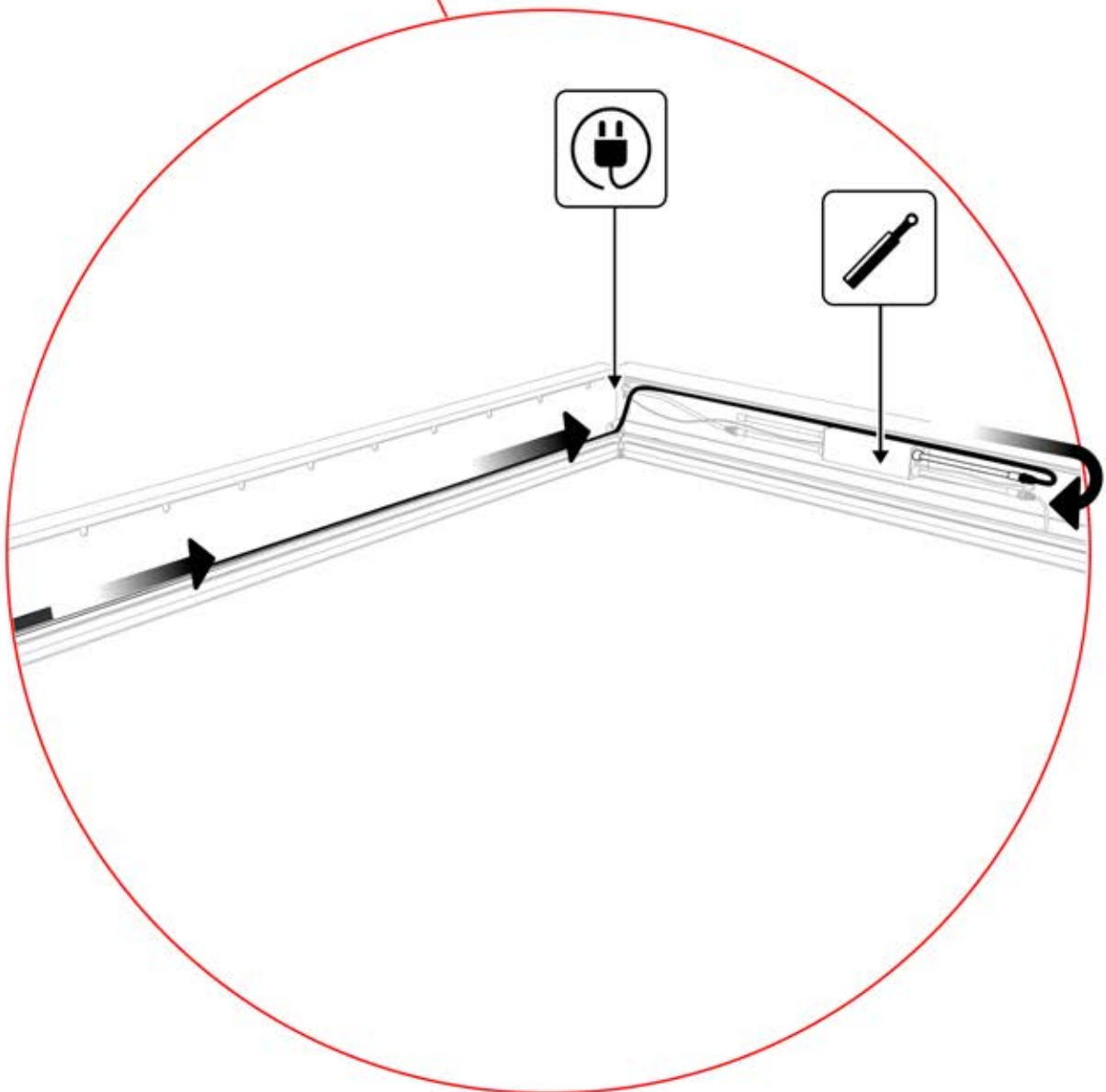
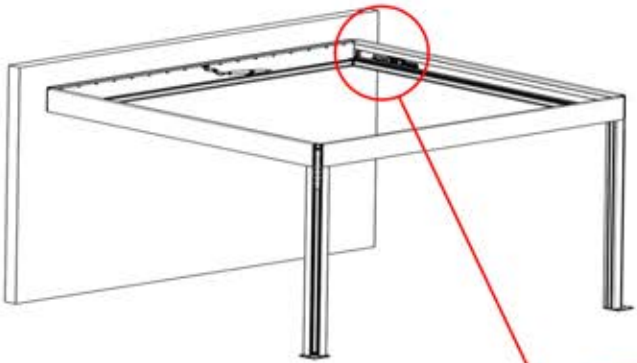
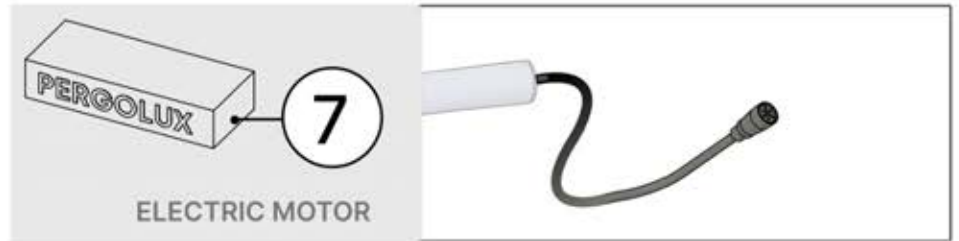
Power Cable can be
routed through all
the Poles.



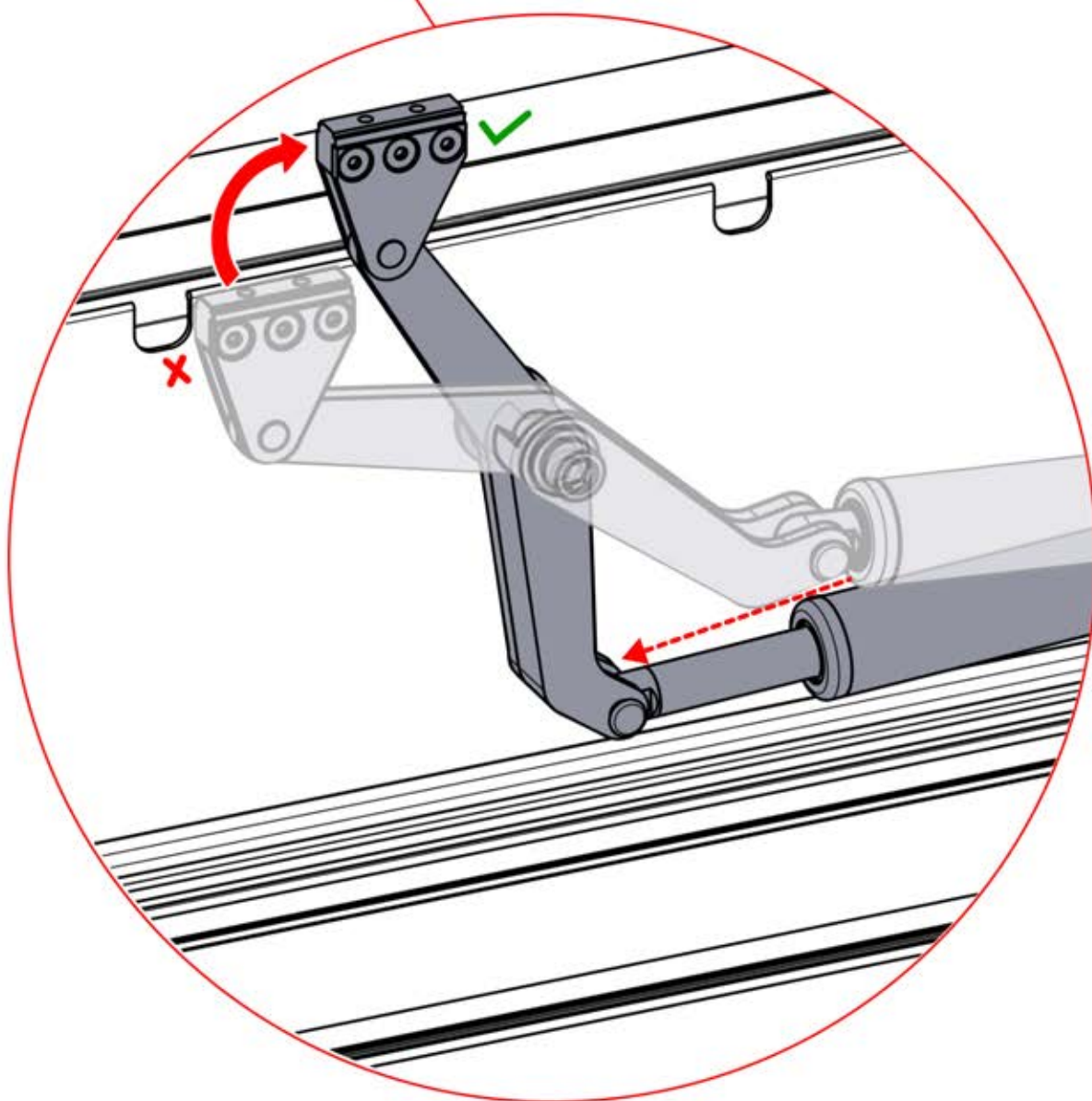
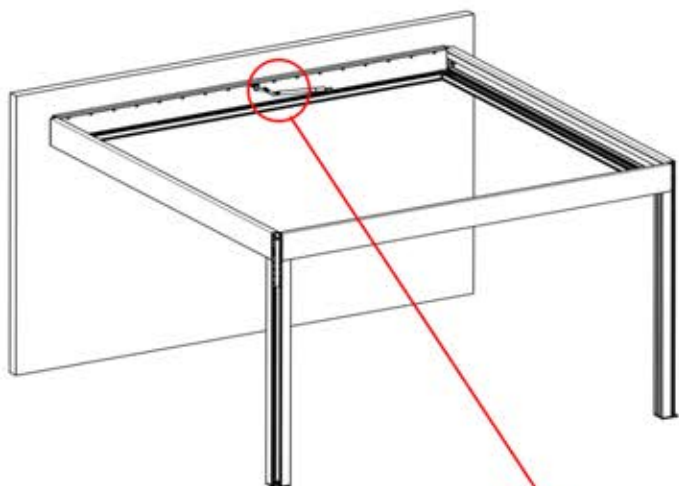
34



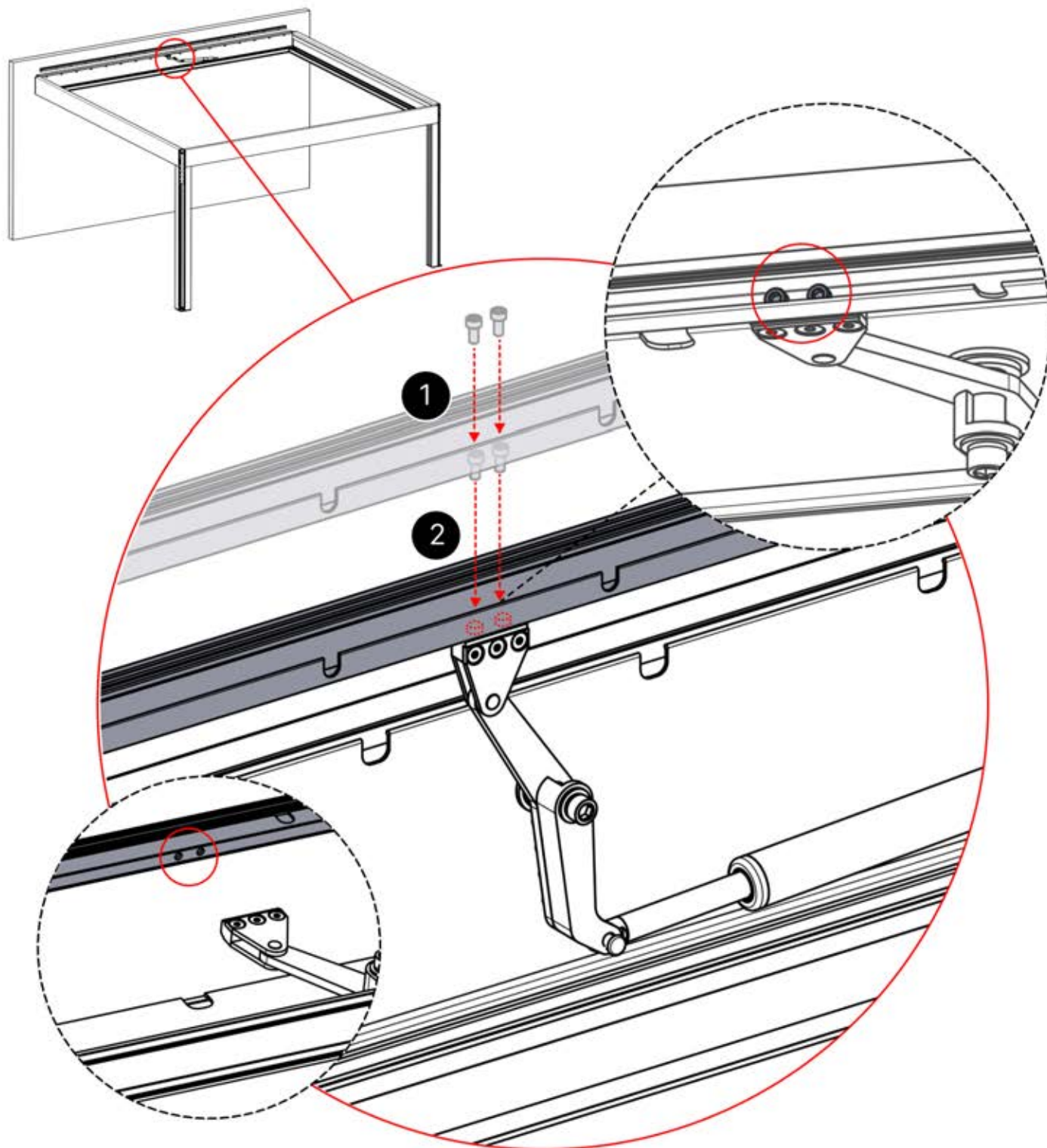
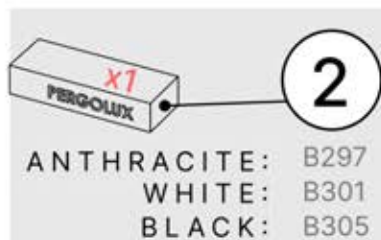
35



36



37



38

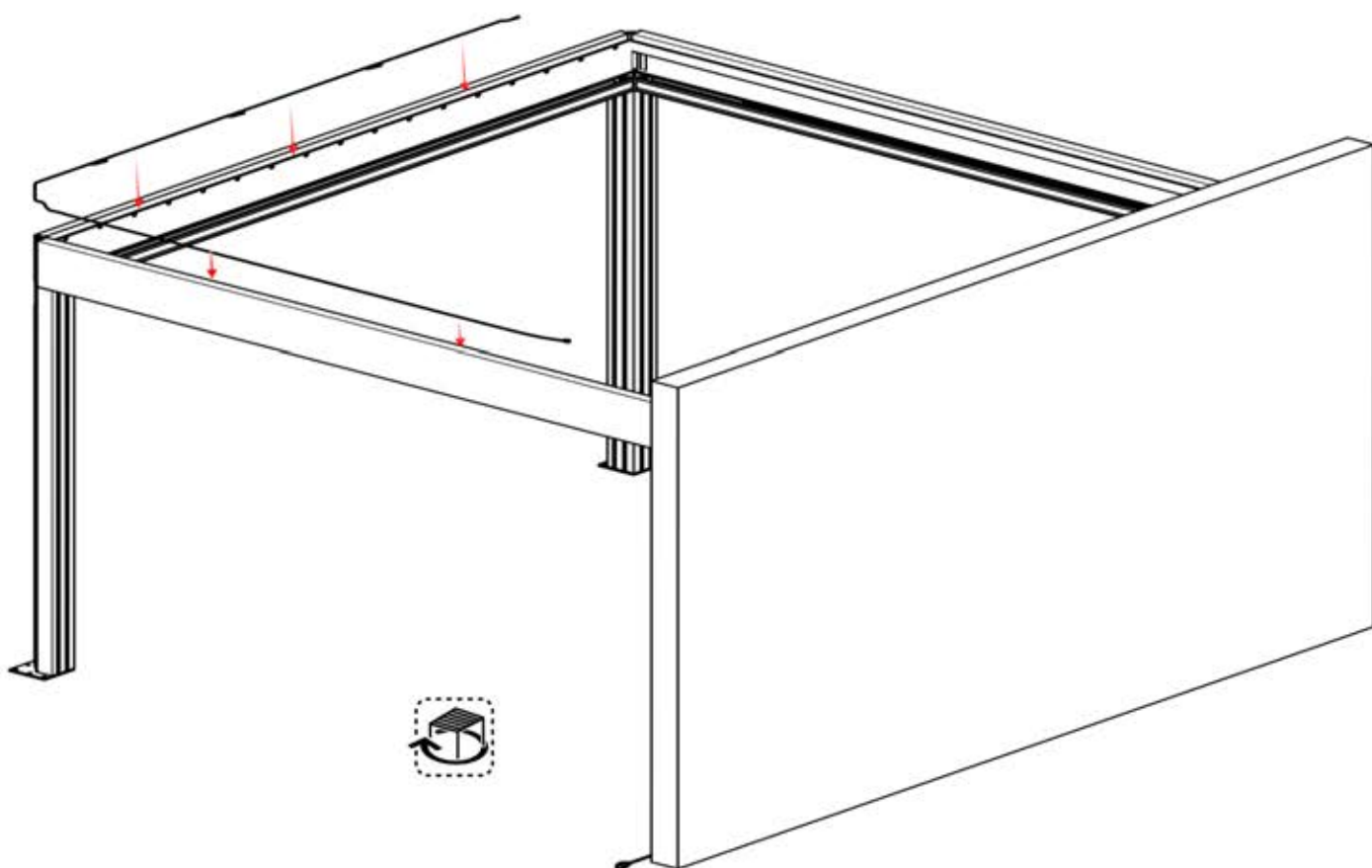


10

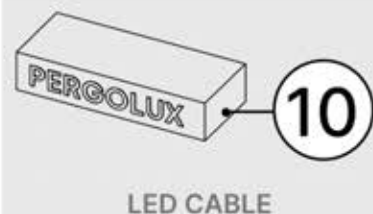
LED CABLE



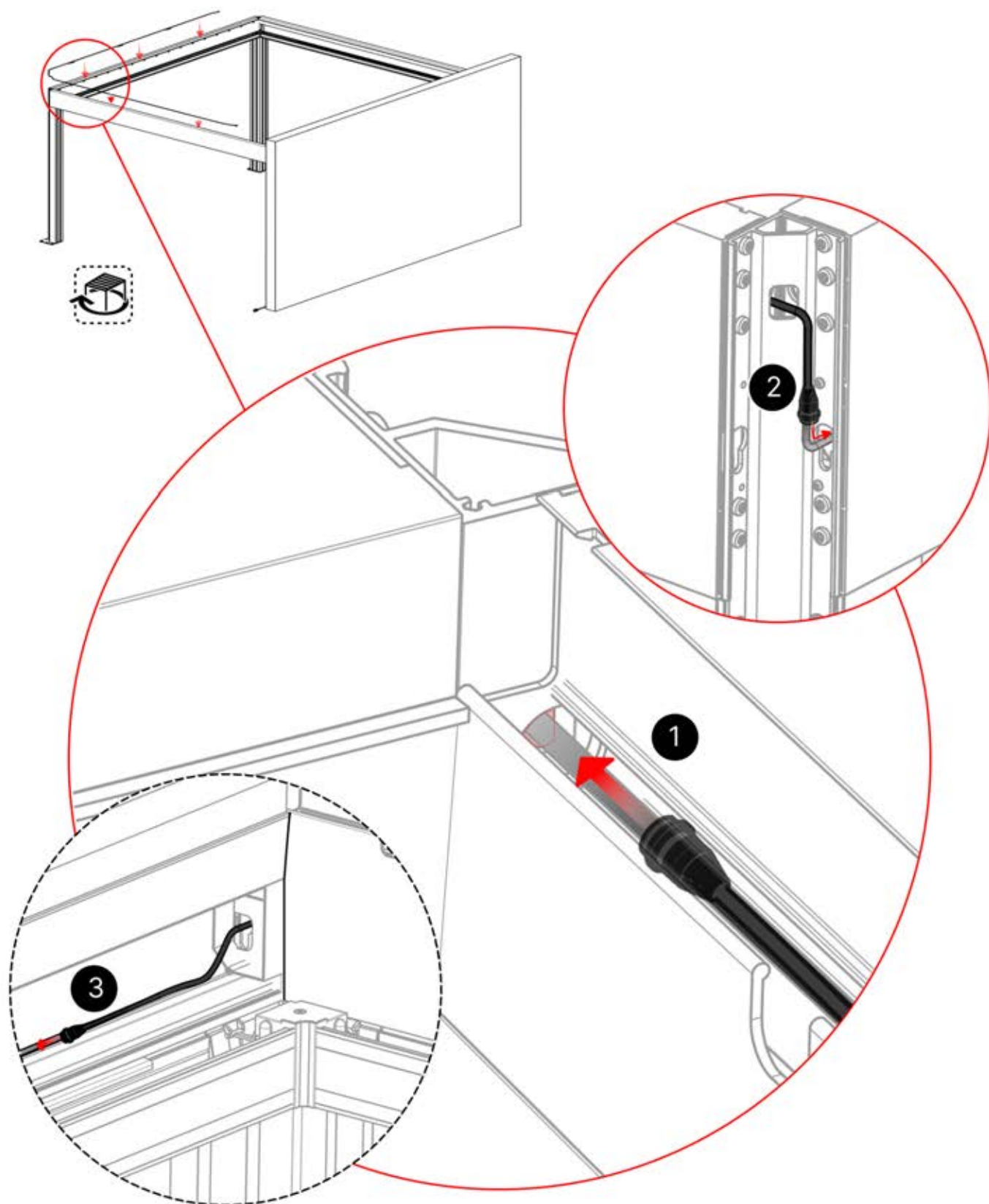
6 LED HARNESS



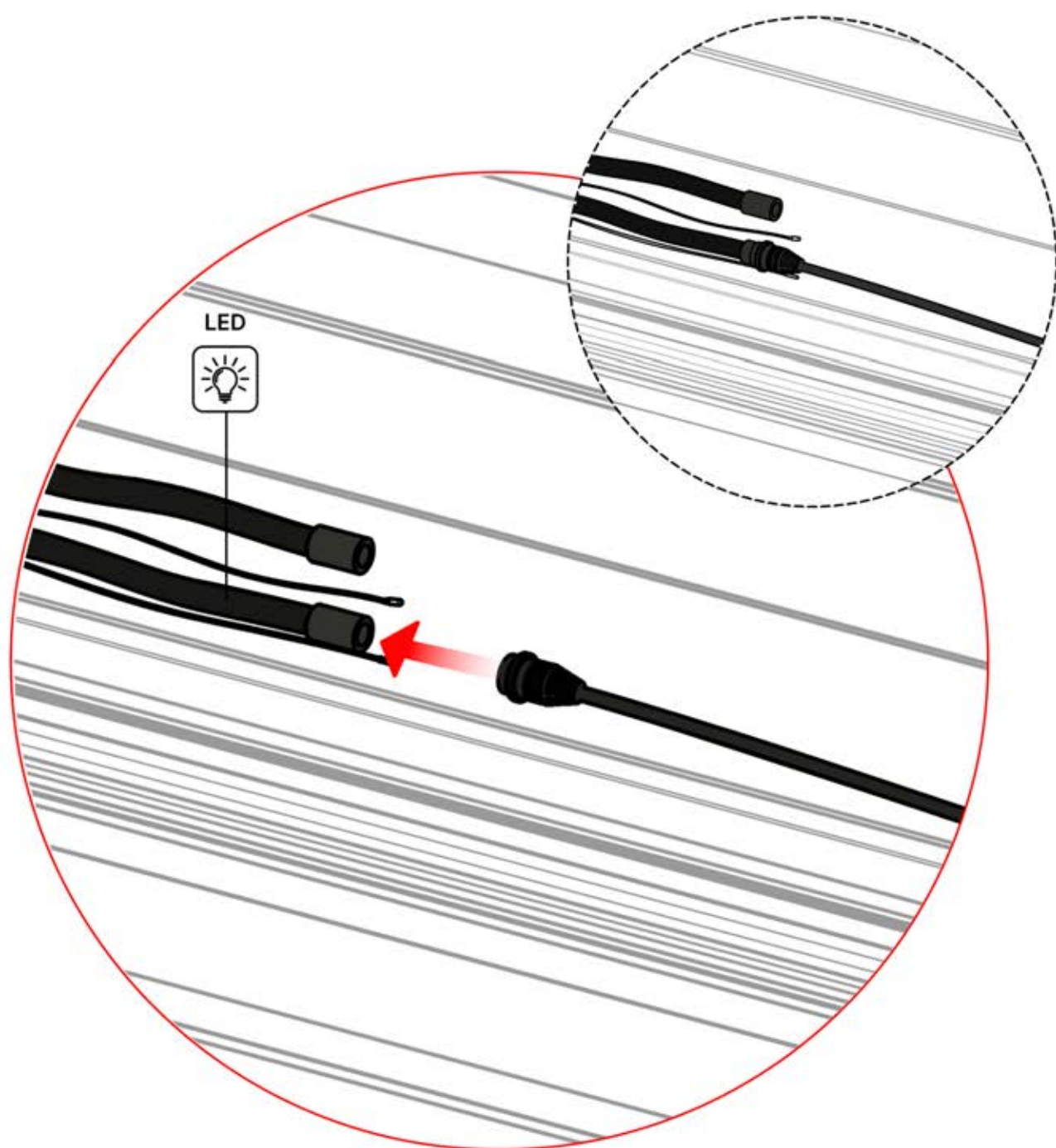
39



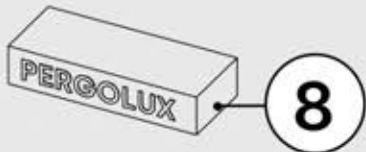
6 LED HARNESS

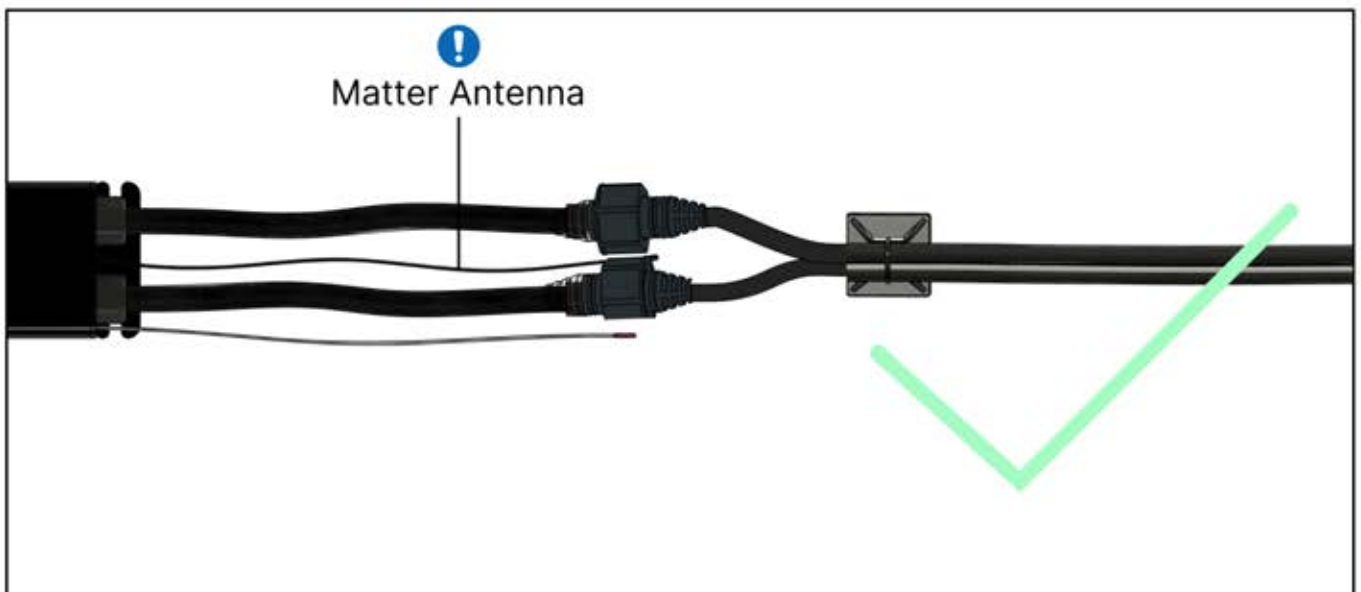
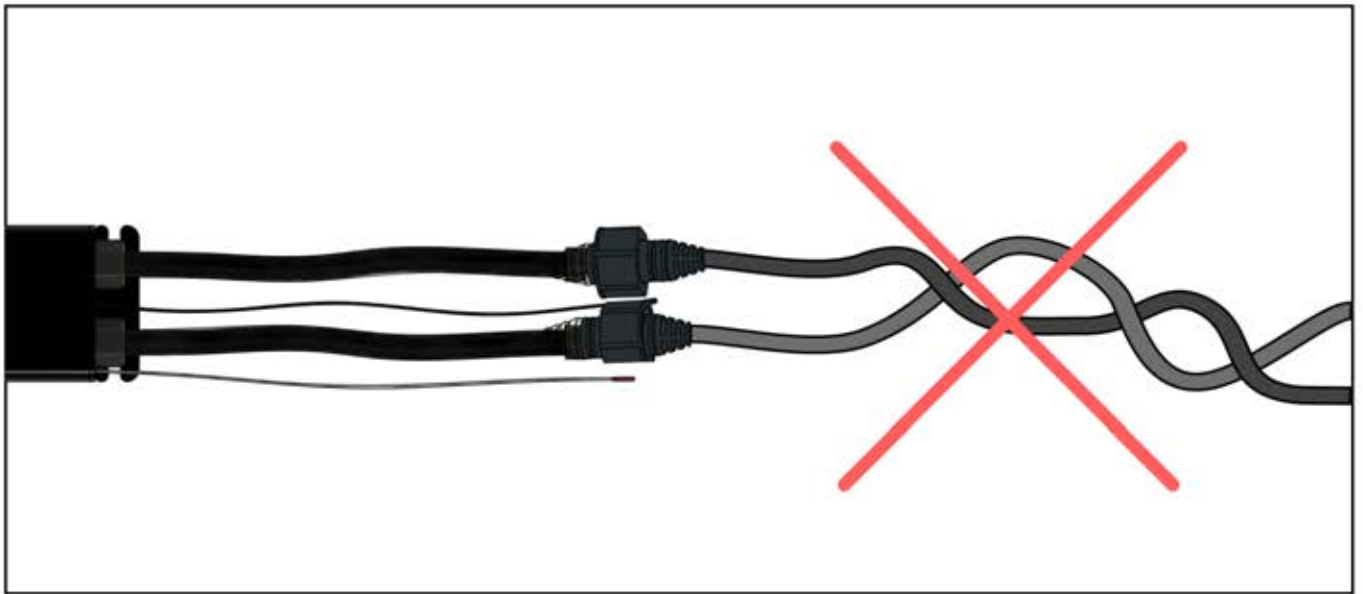


40



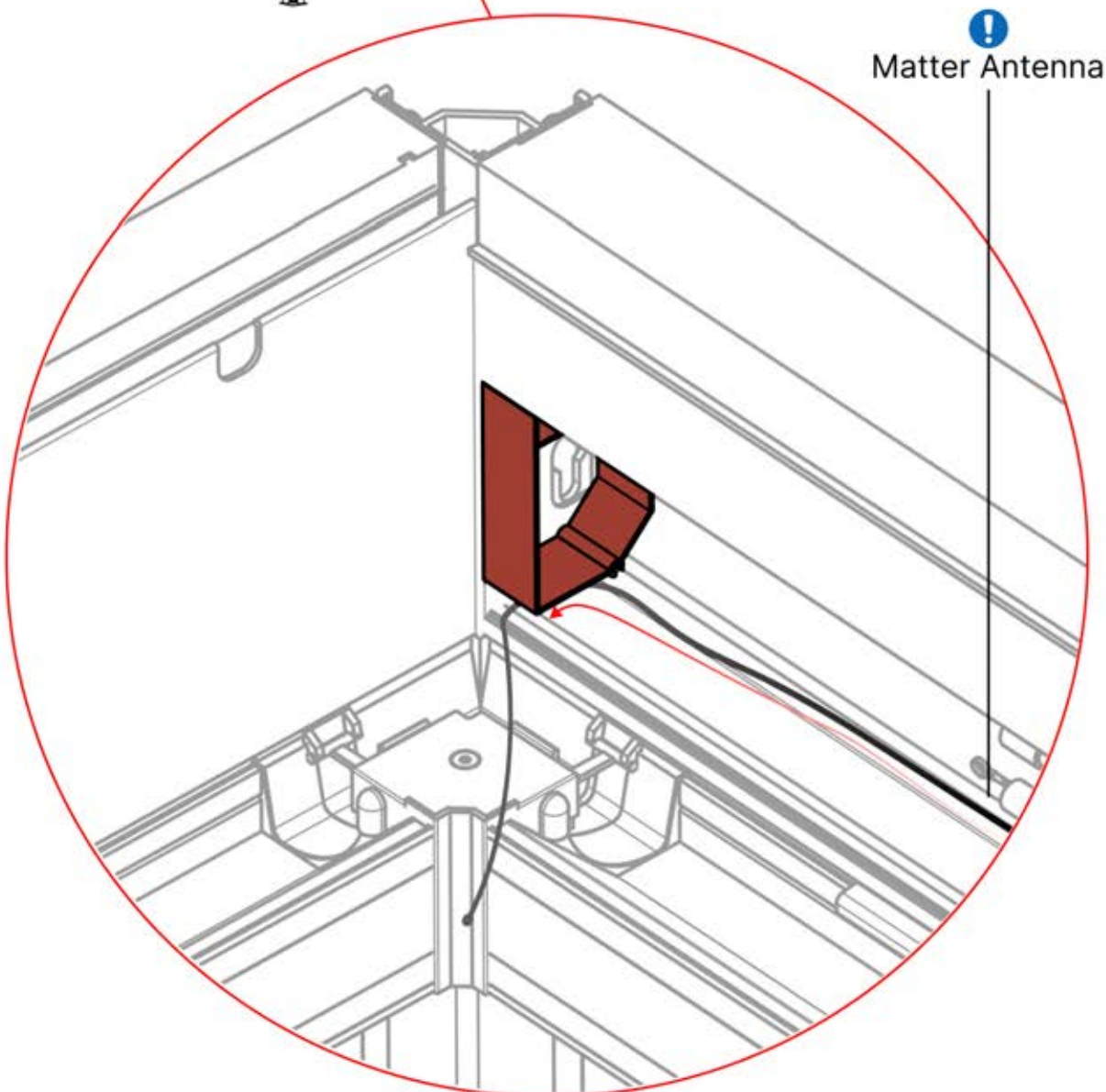
41

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

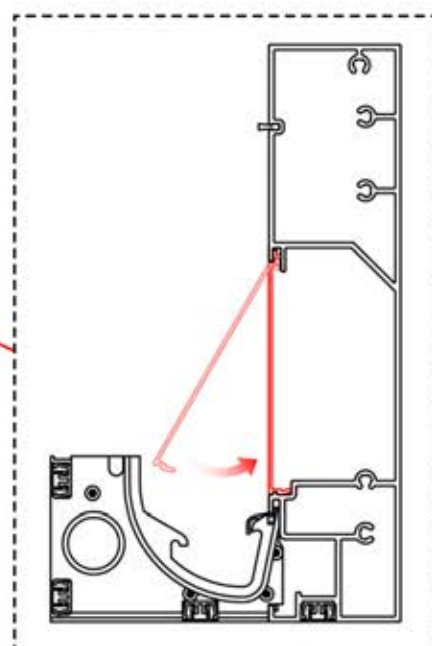
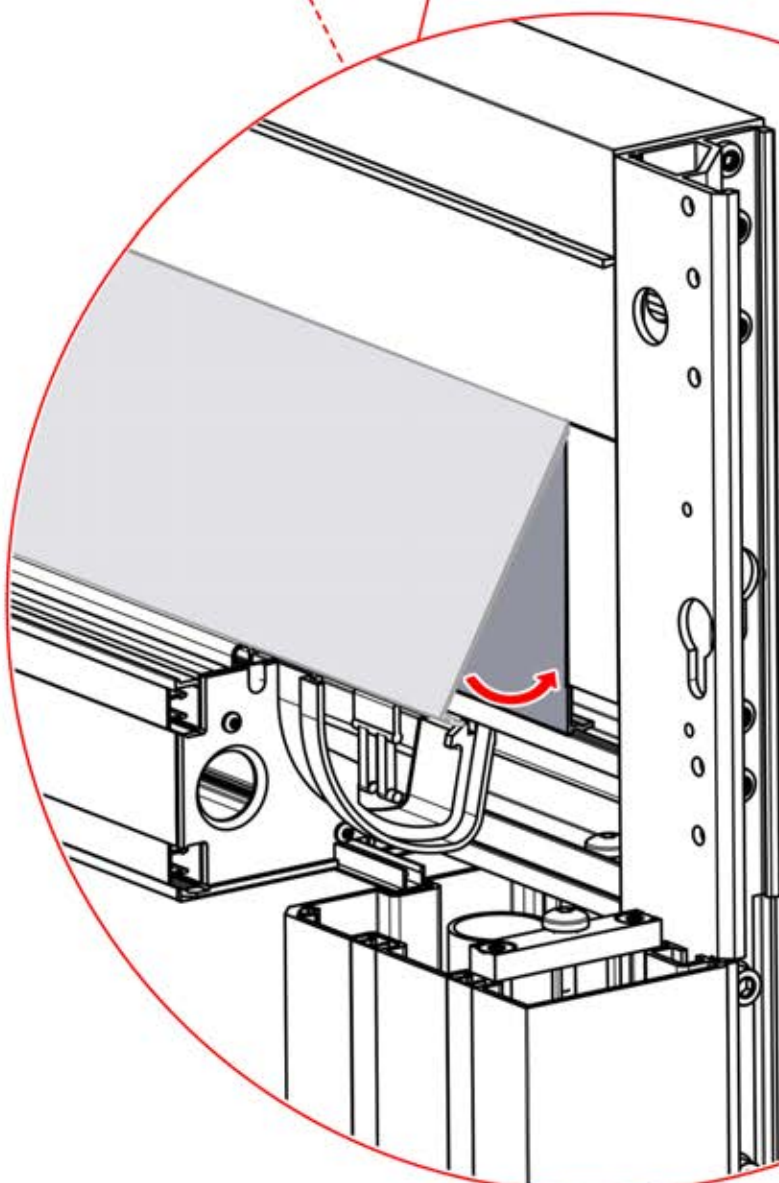
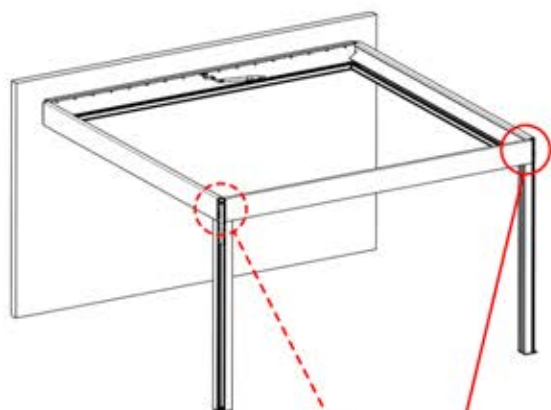
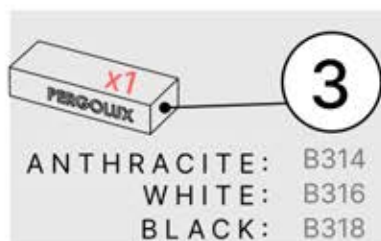




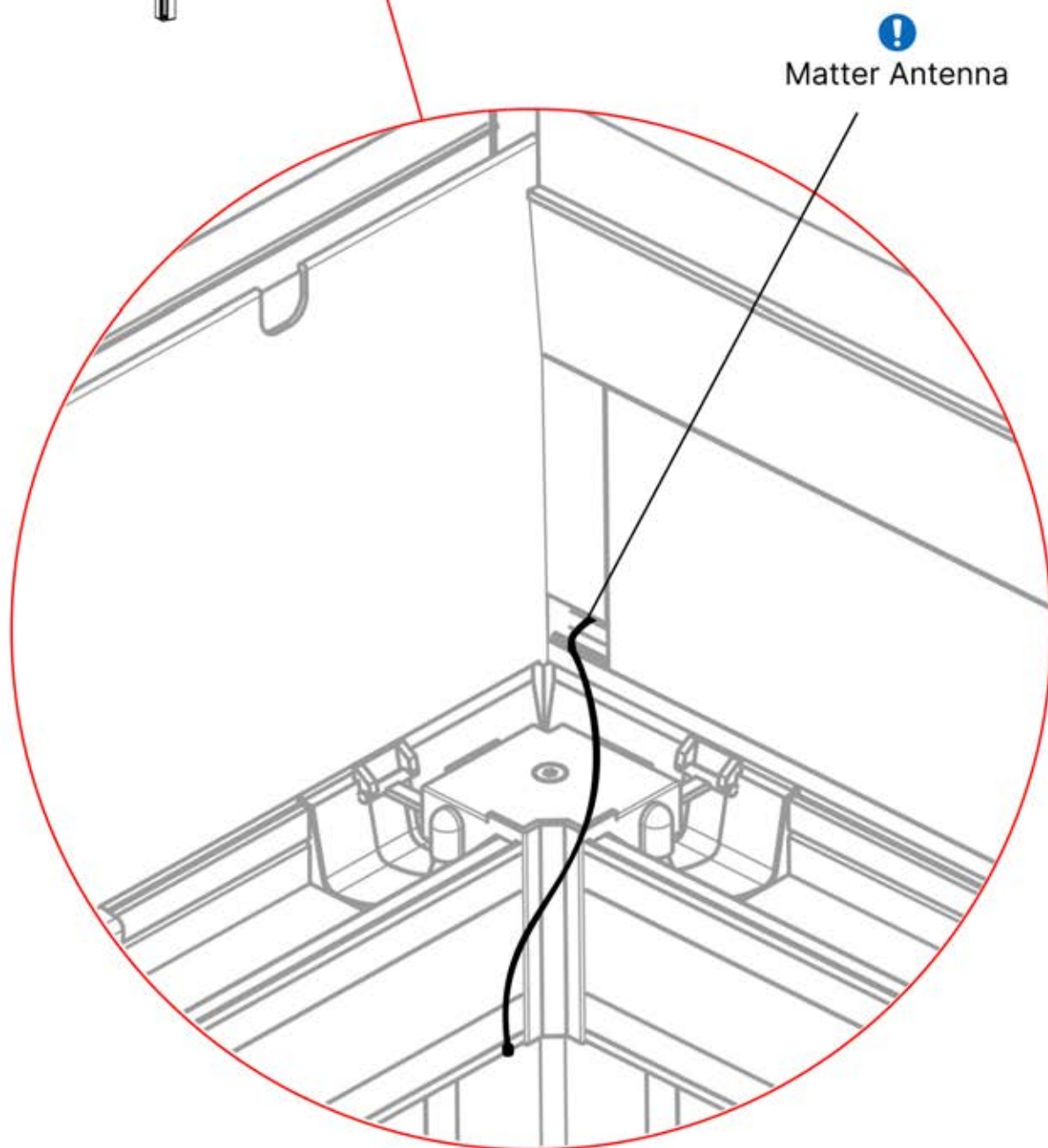
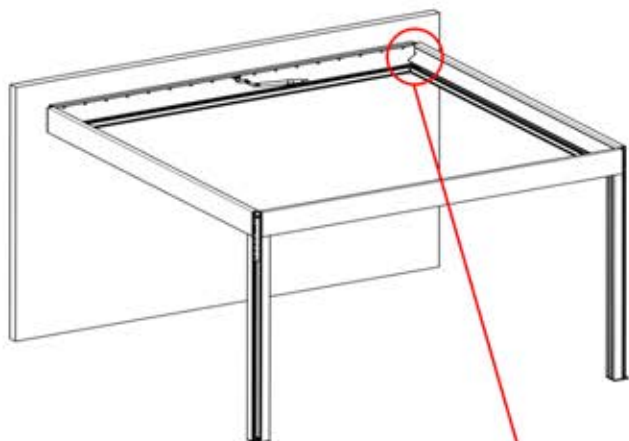
!
Route the Matter
Antenna and place it
below the highlighted
part(PN-200002329).



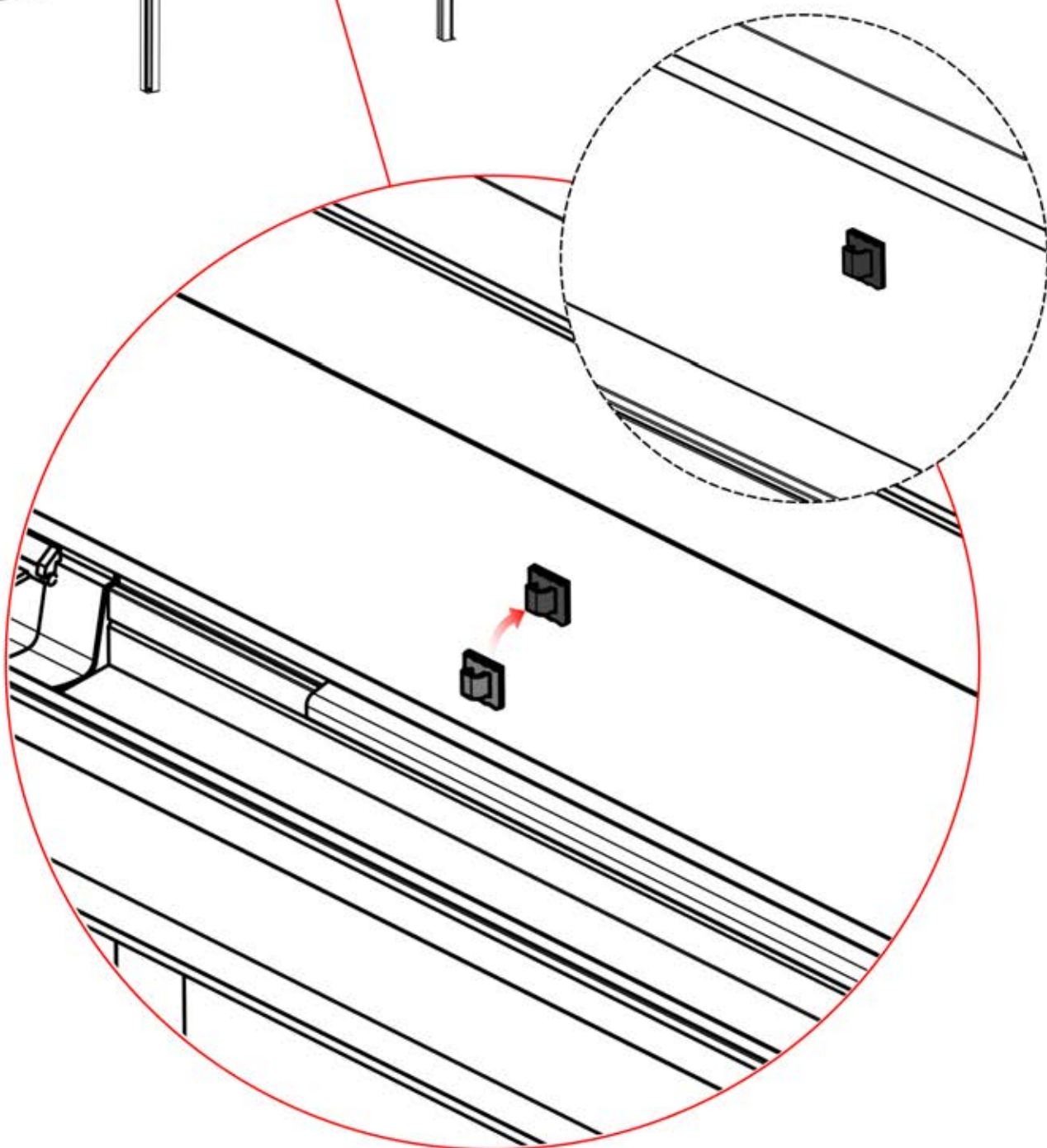
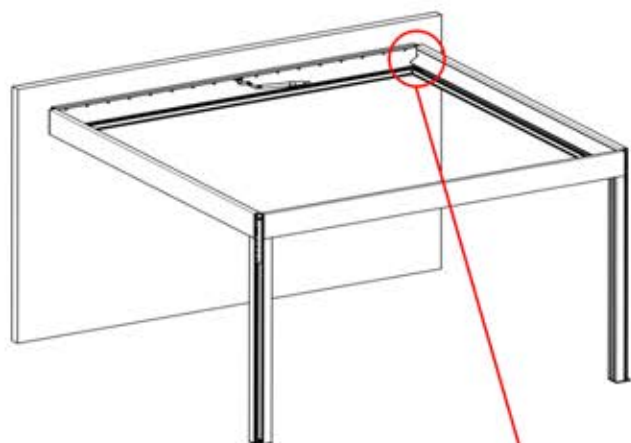
43



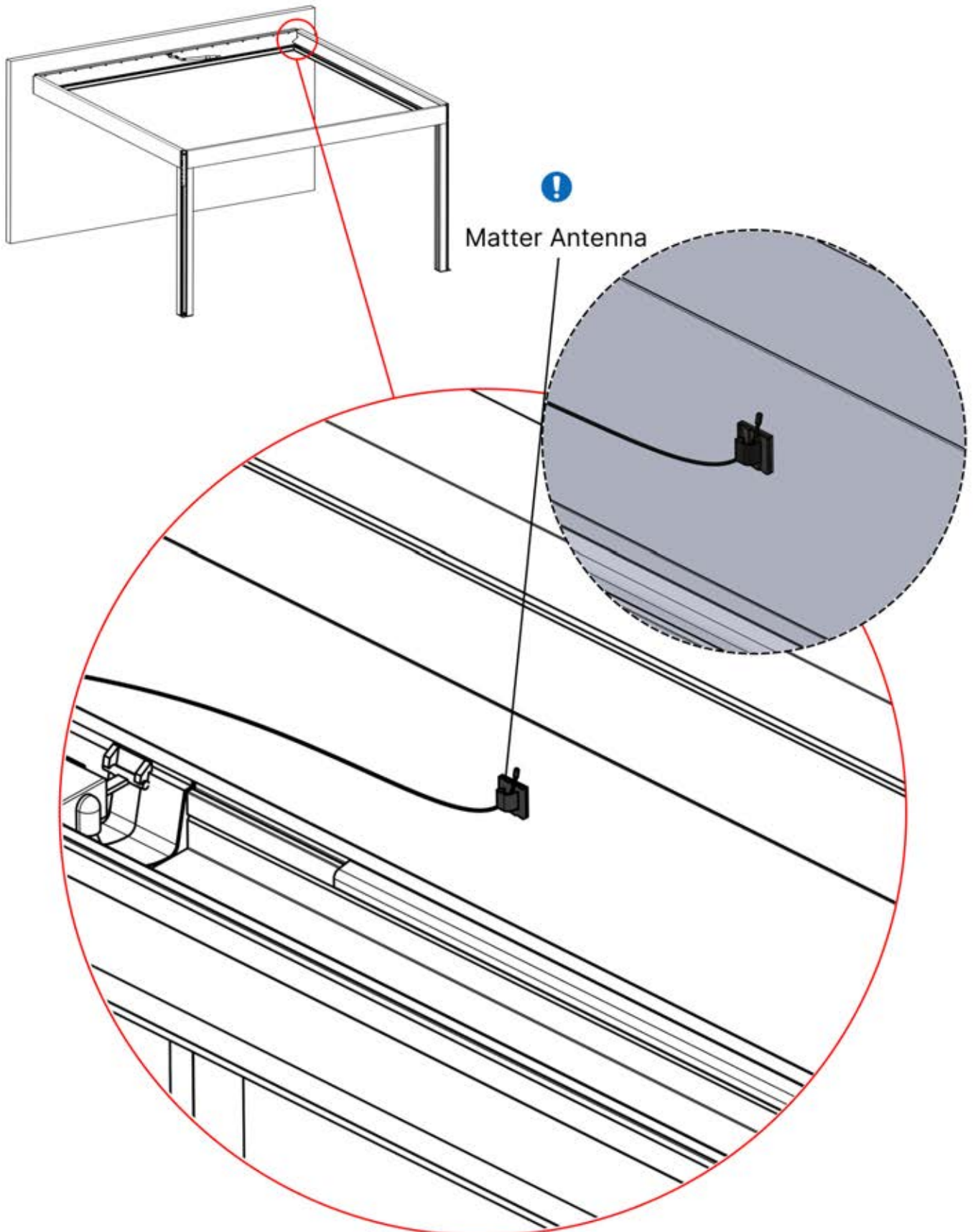
INFORMATION



44



45





PERGOLUX PRO MAX+ 4x5

PN-200002367

PERGOLUX 4
PERGOLUX 5
PERGOLUX 6 **14x**



Standard = **(S)**



PN-200002365

PERGOLUX 5 **6x**



LED =



PN-200002363

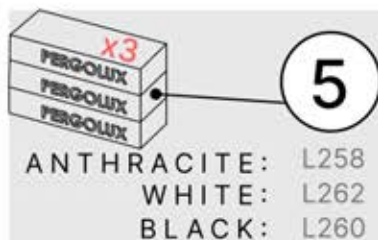
PERGOLUX 4 **1x**



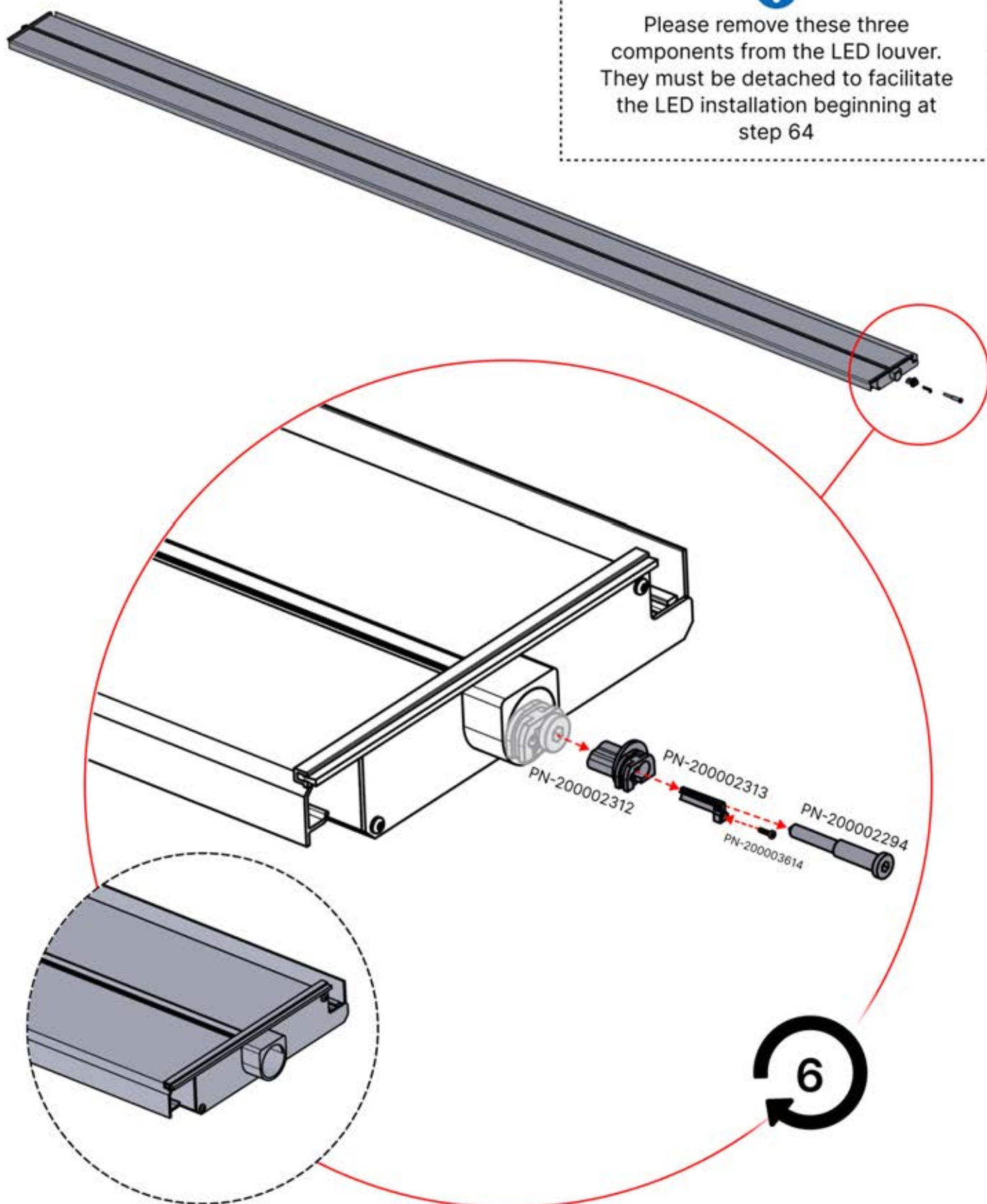
End = **(E)**



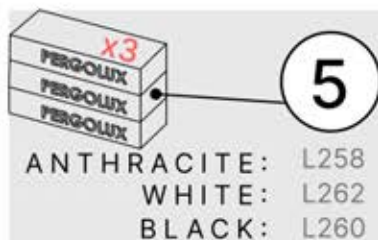
46



 Please remove these three components from the LED louver. They must be detached to facilitate the LED installation beginning at step 64

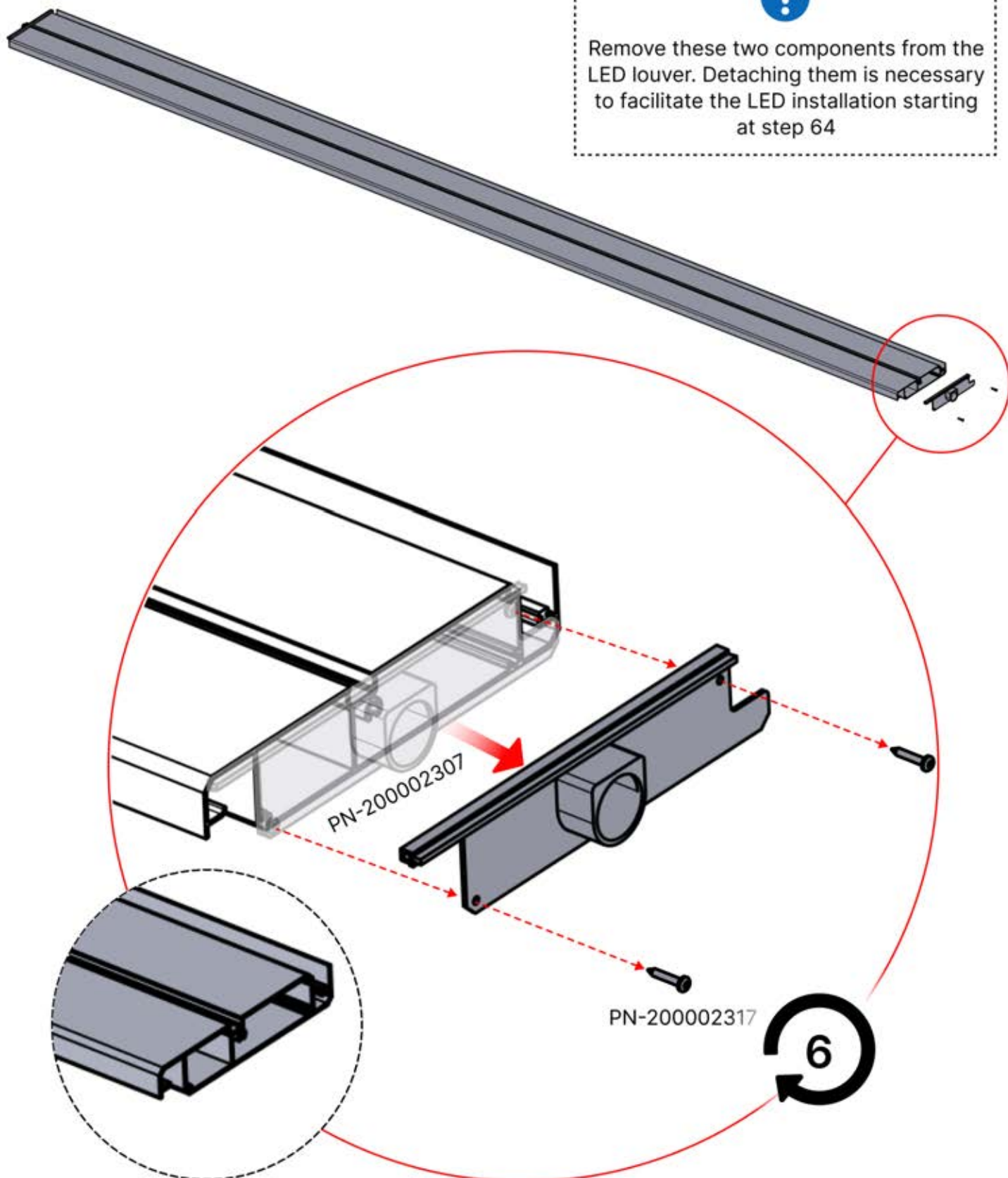


47

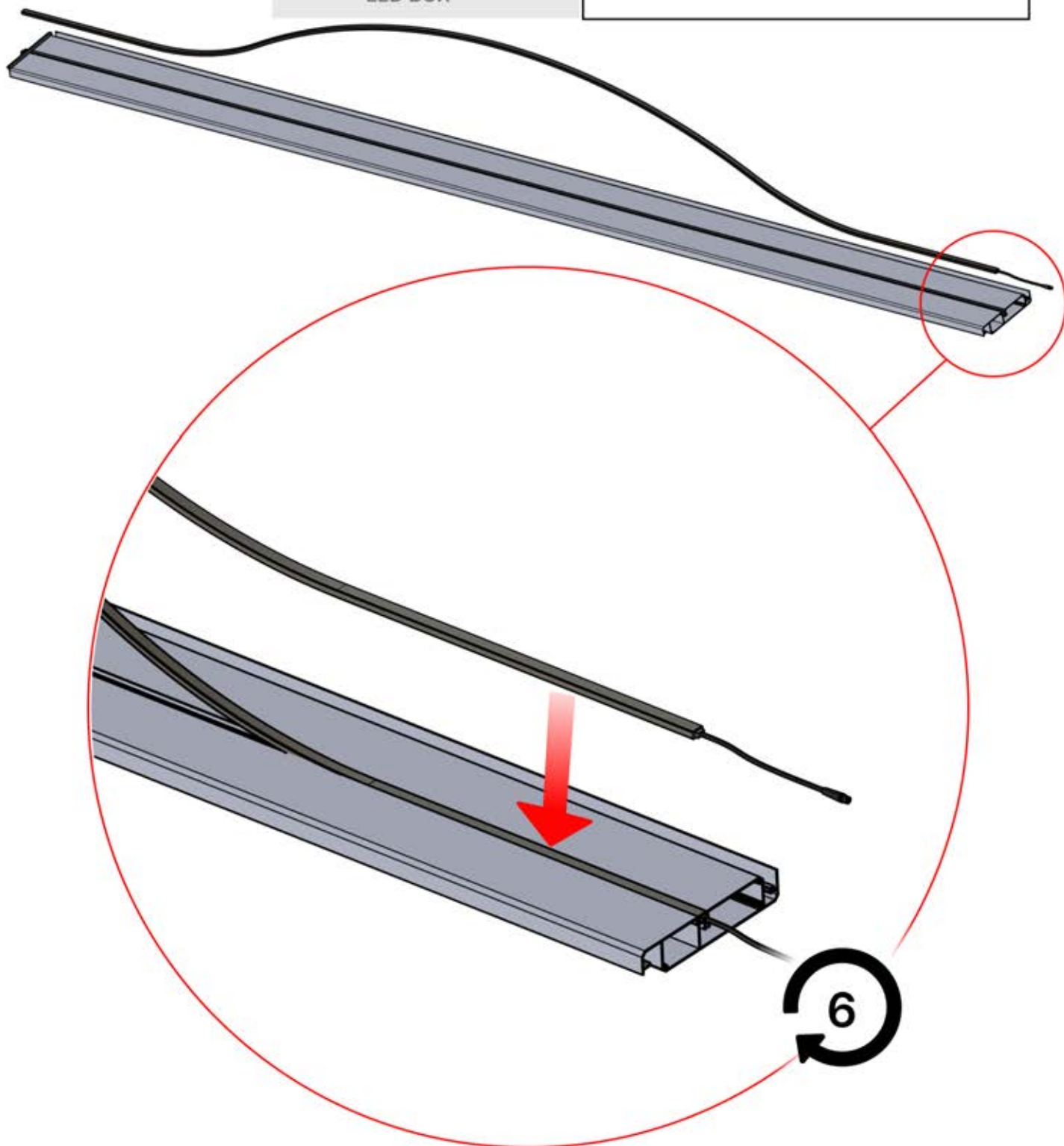
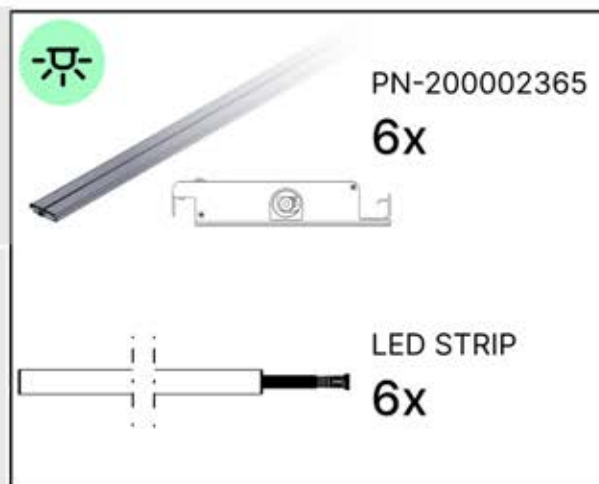
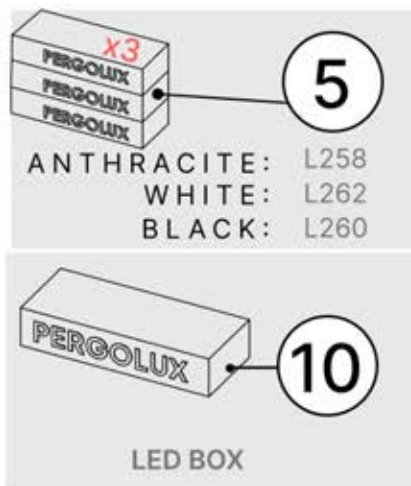


!

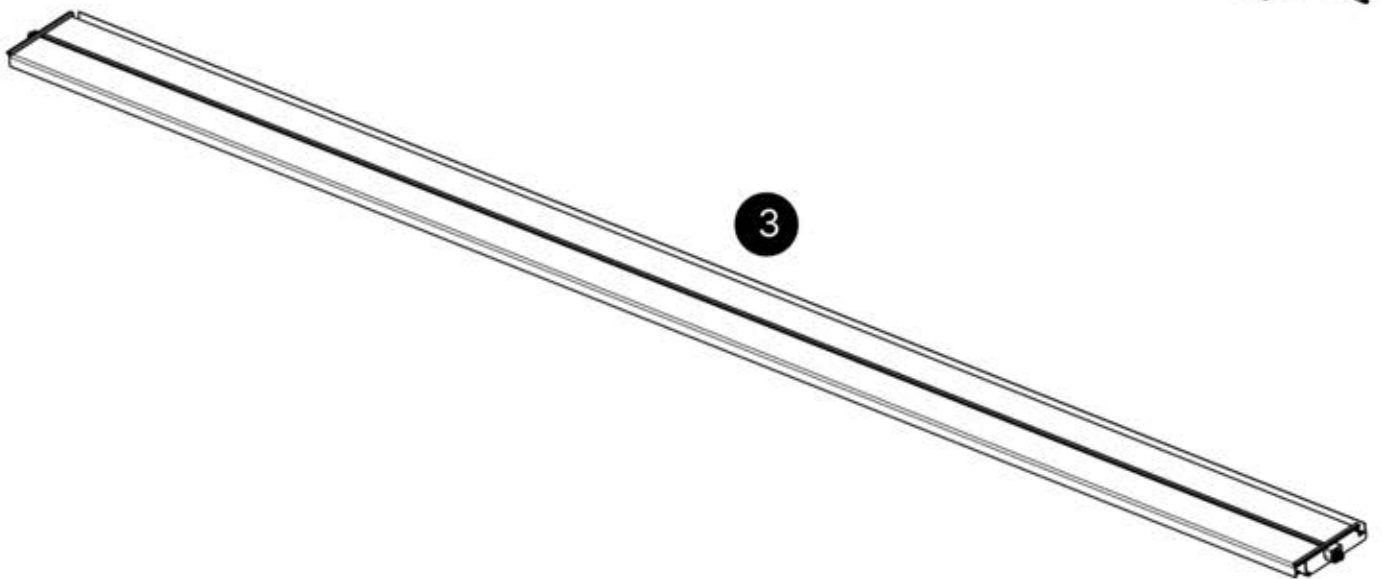
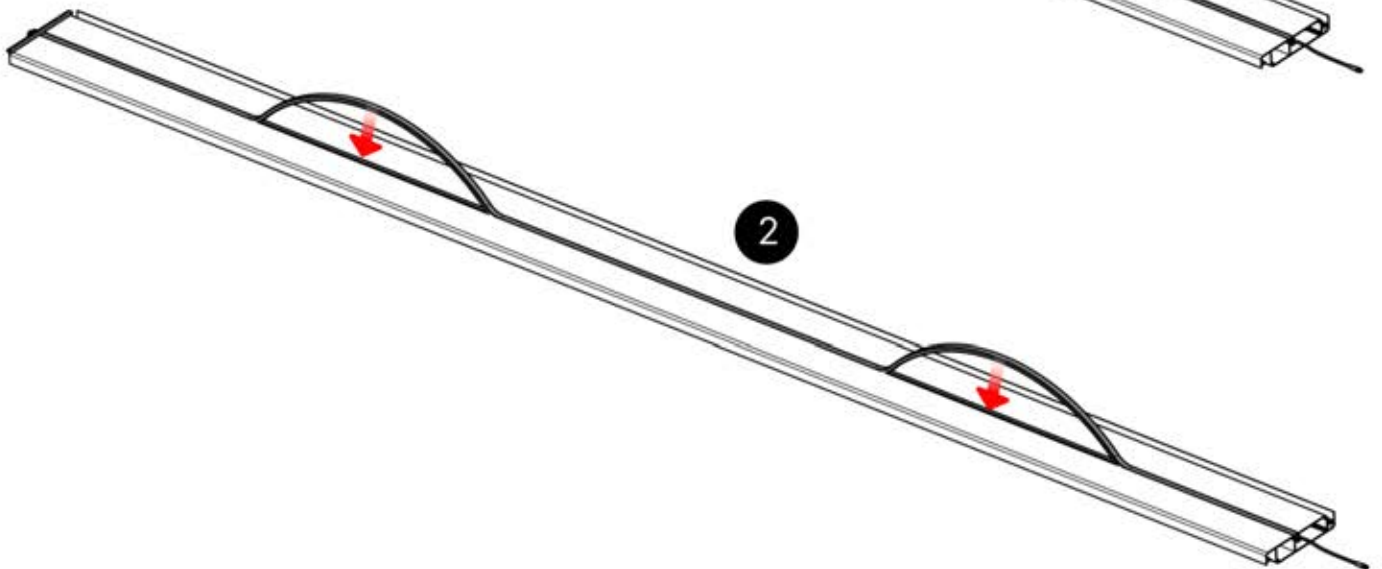
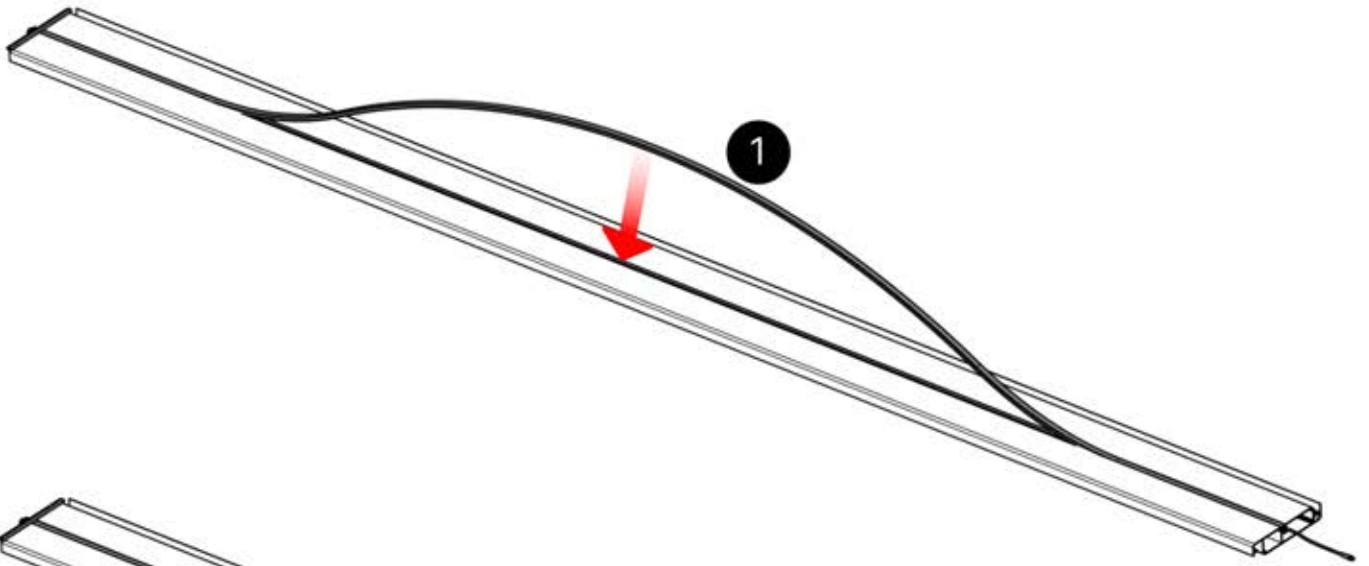
Remove these two components from the LED louver. Detaching them is necessary to facilitate the LED installation starting at step 64



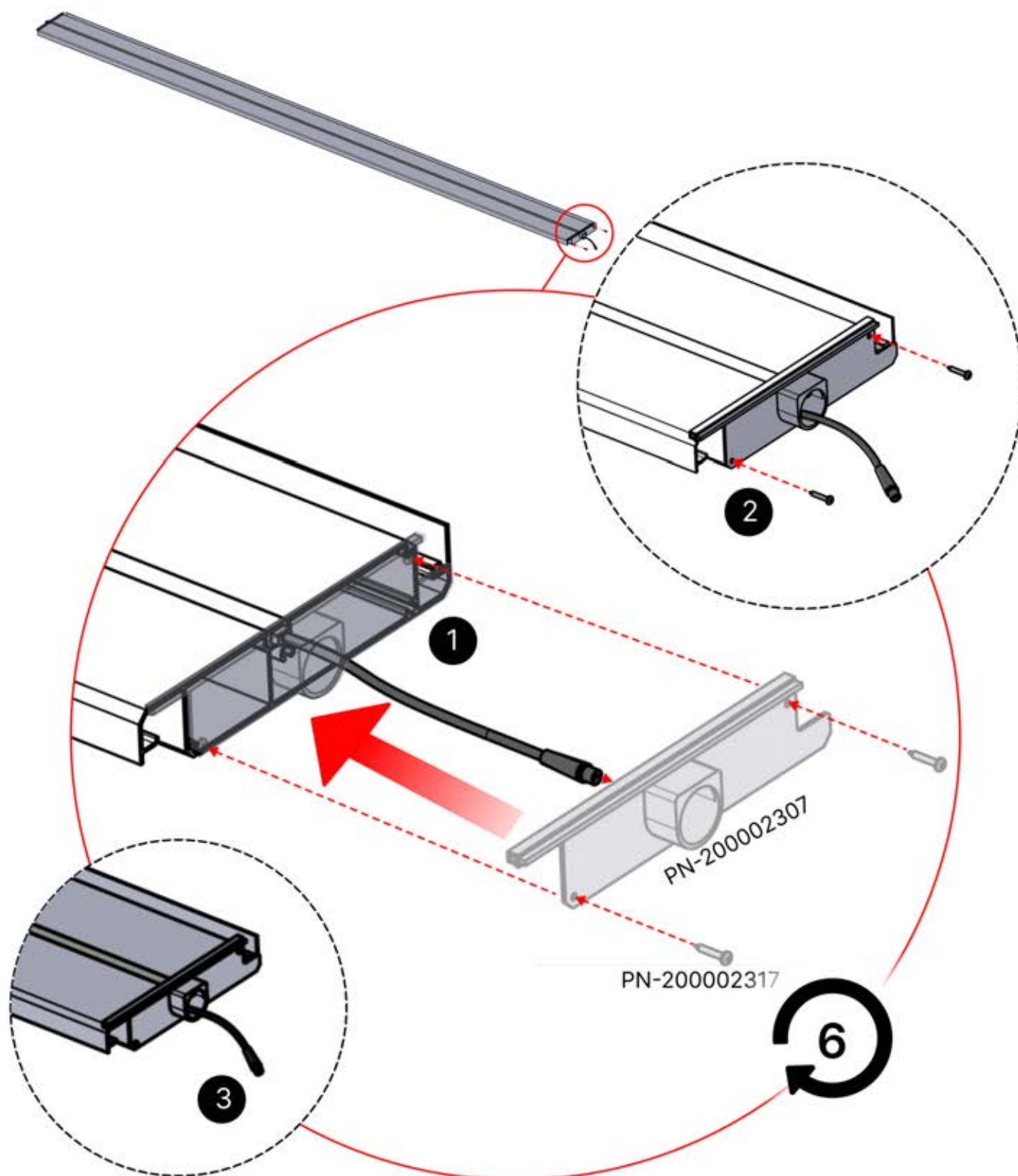
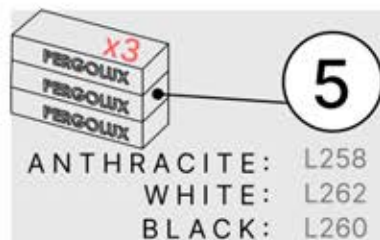
48



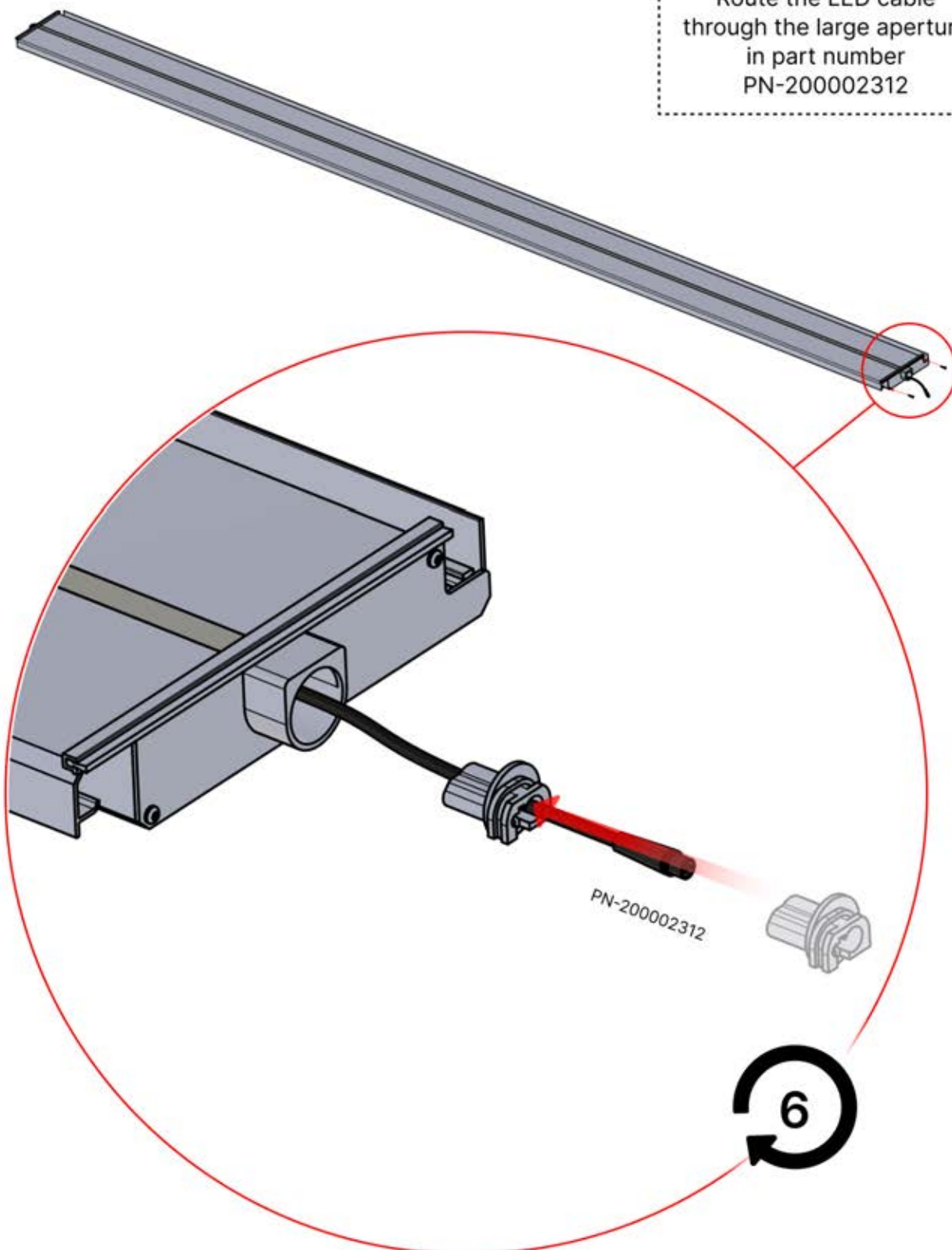
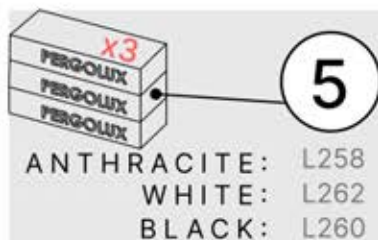
49



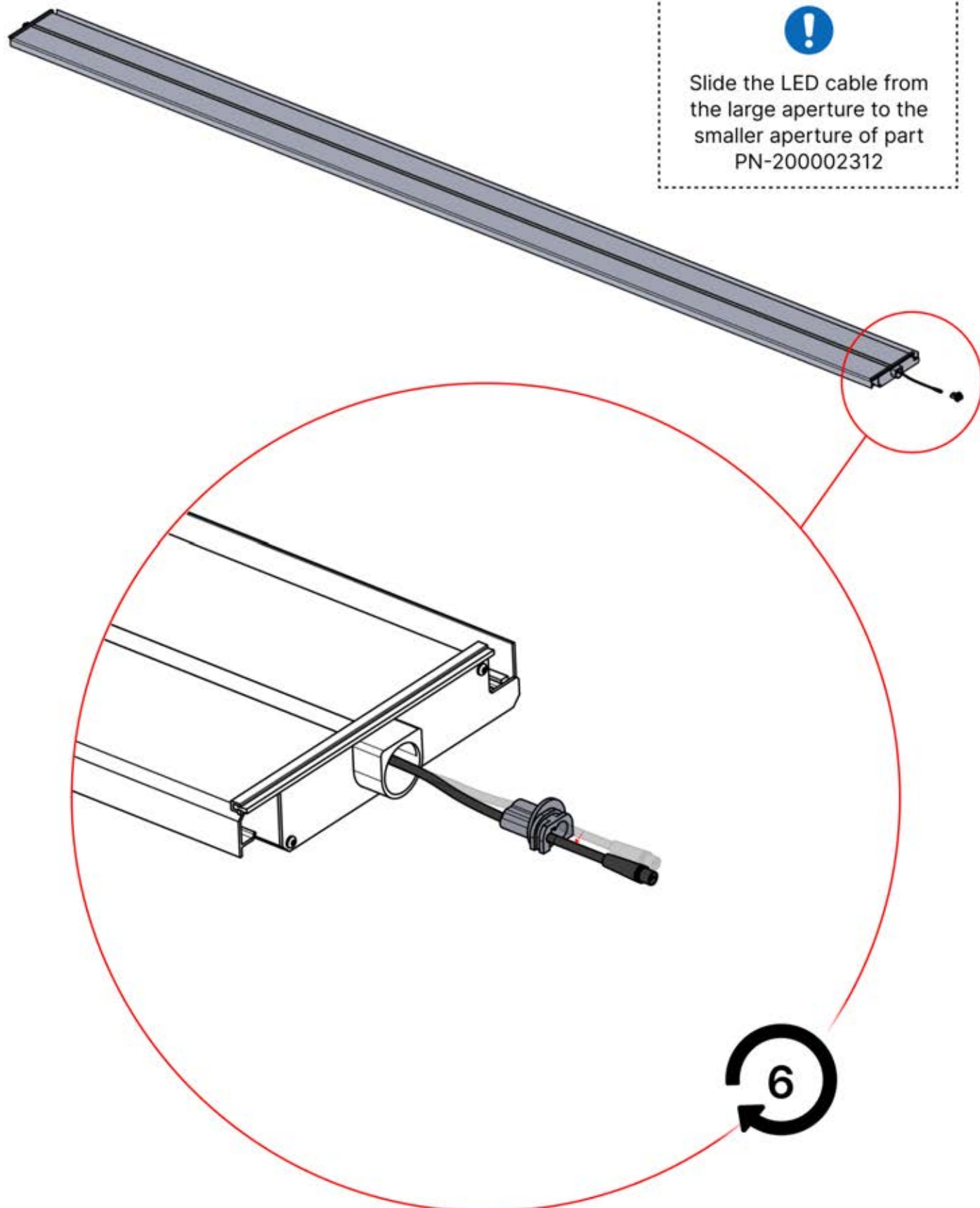
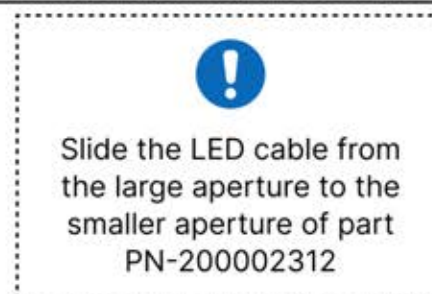
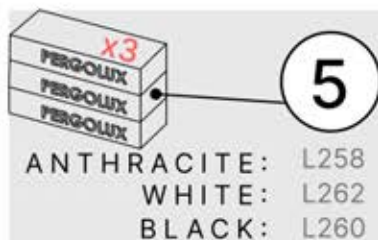
50



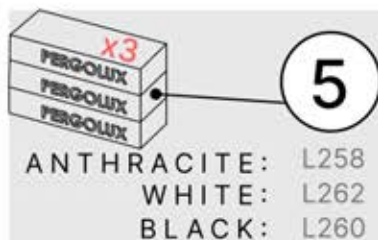
51



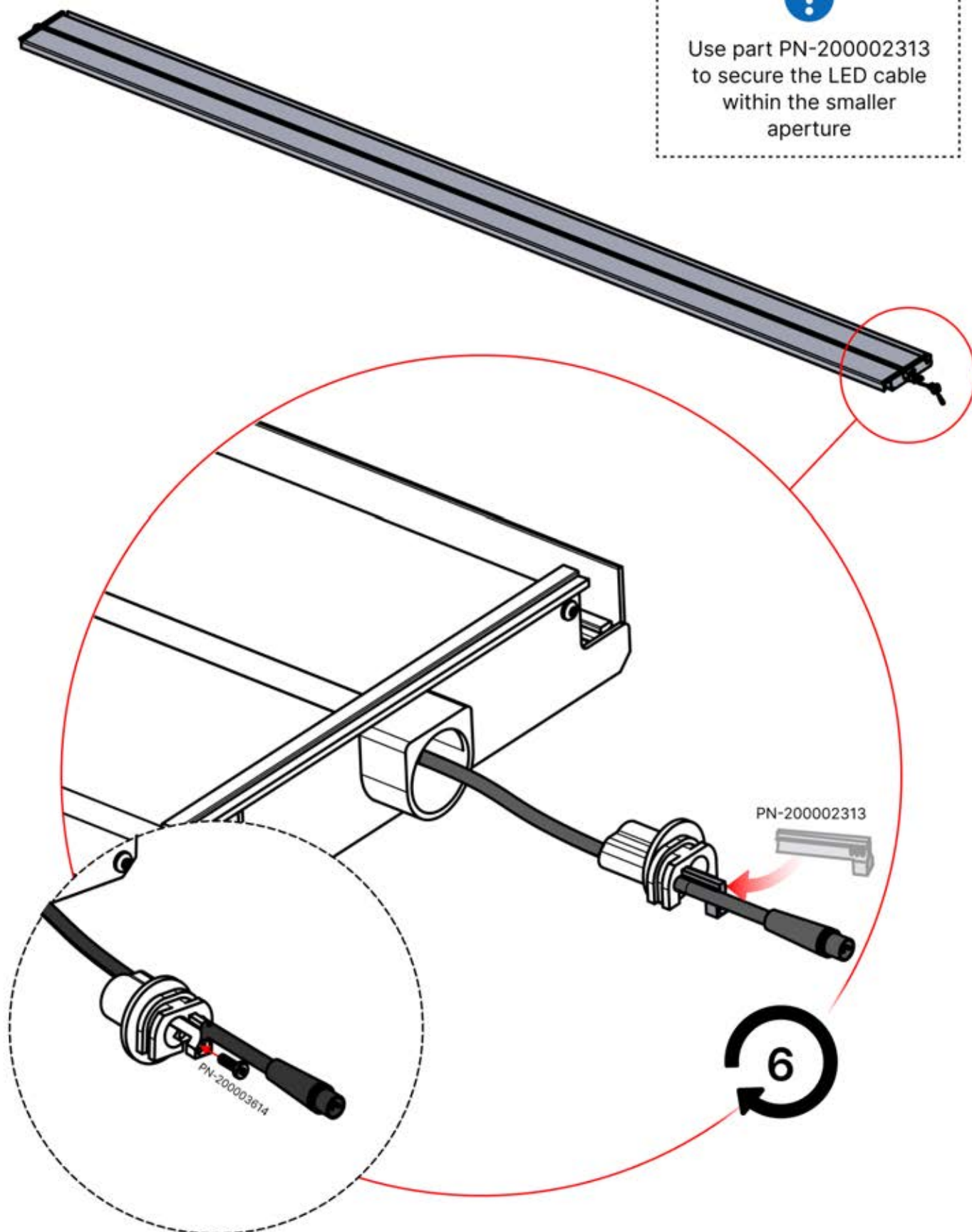
52



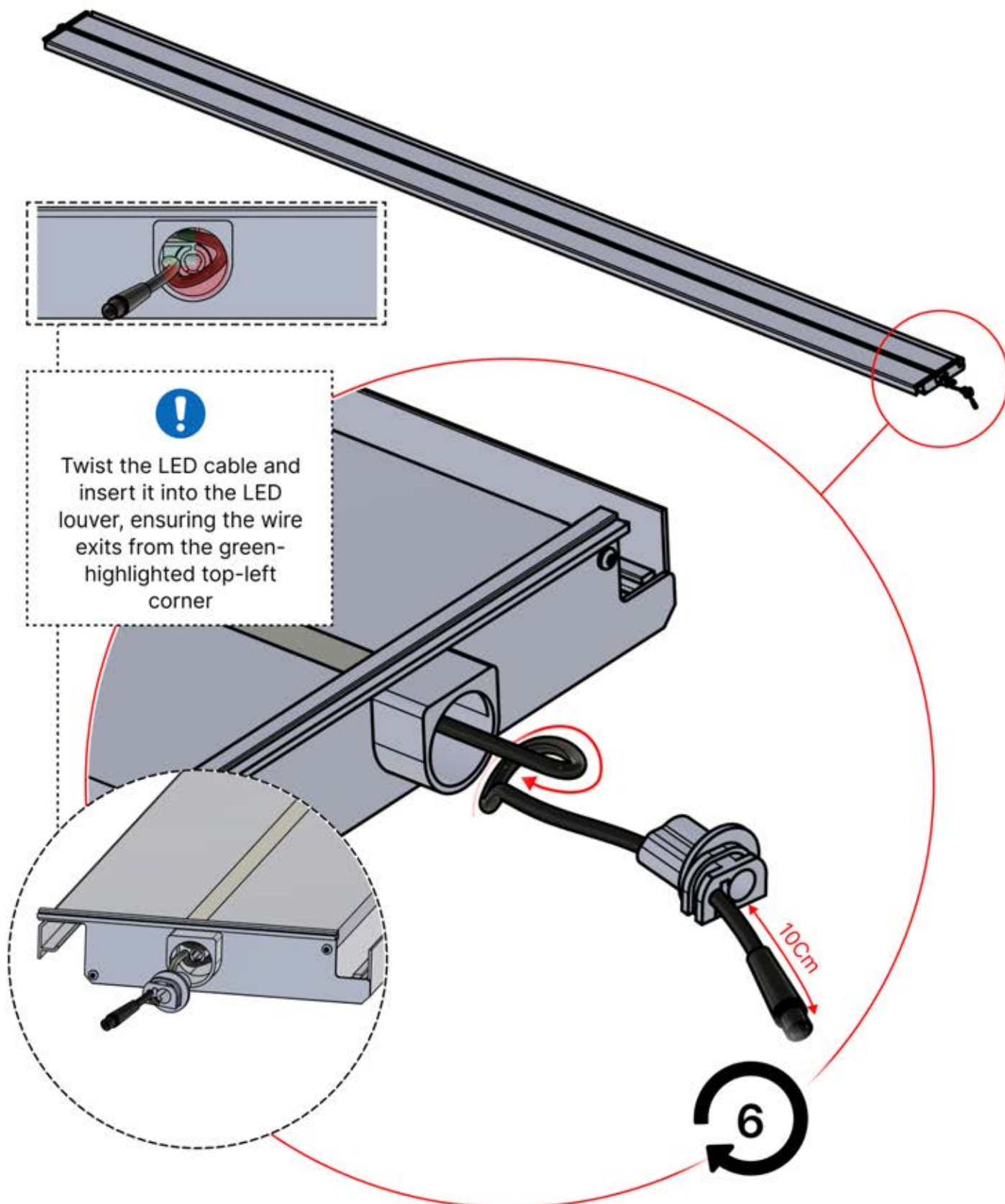
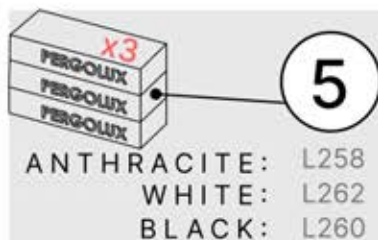
53



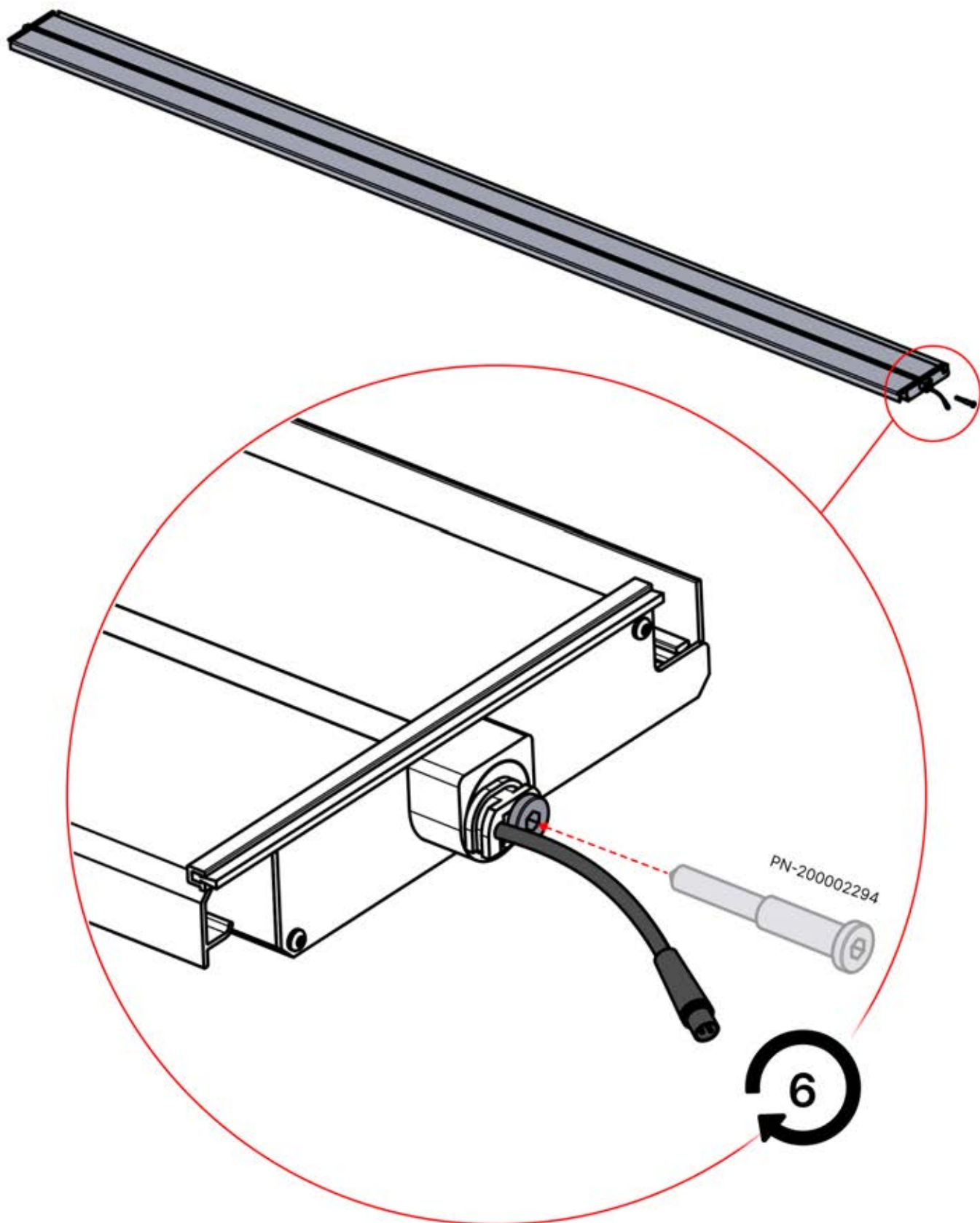
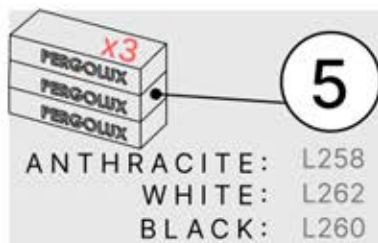
Use part PN-200002313 to secure the LED cable within the smaller aperture



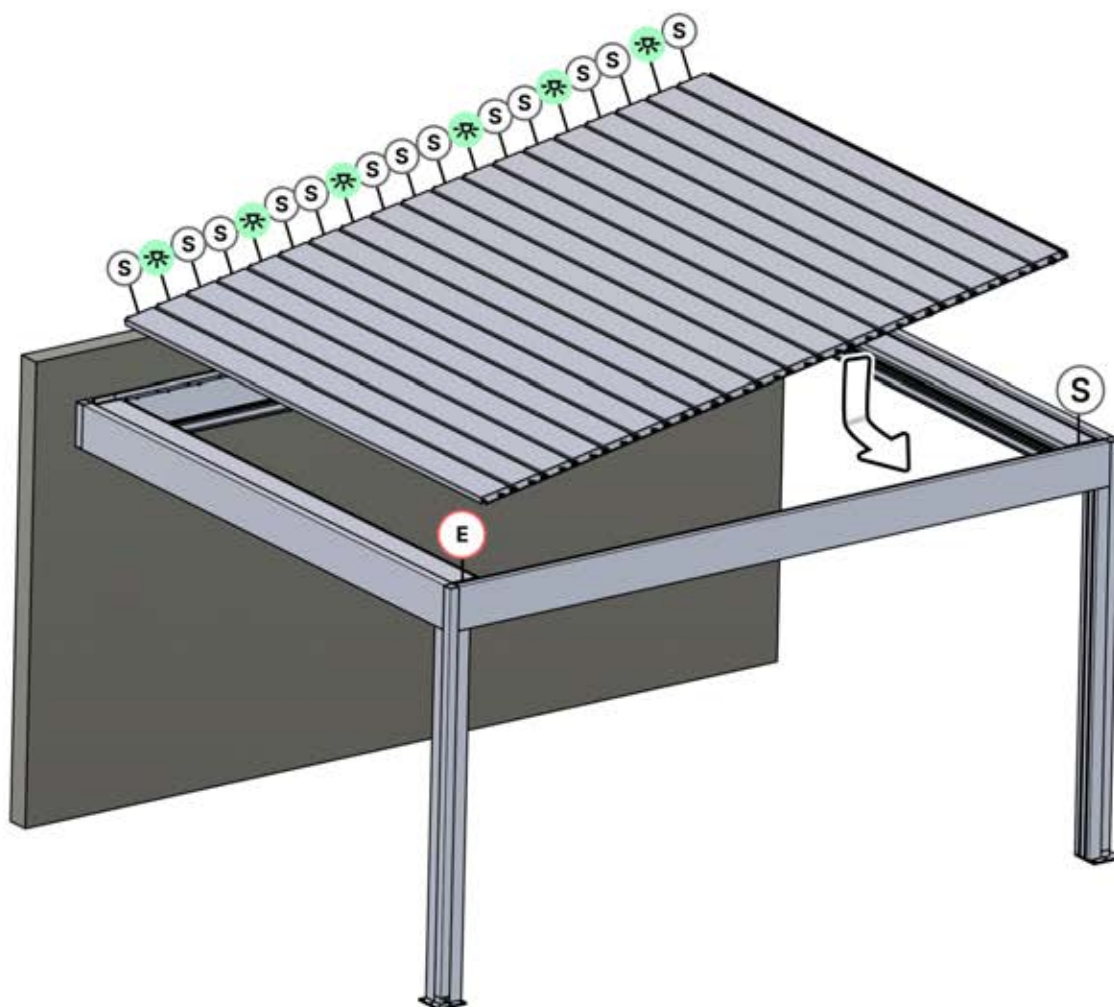
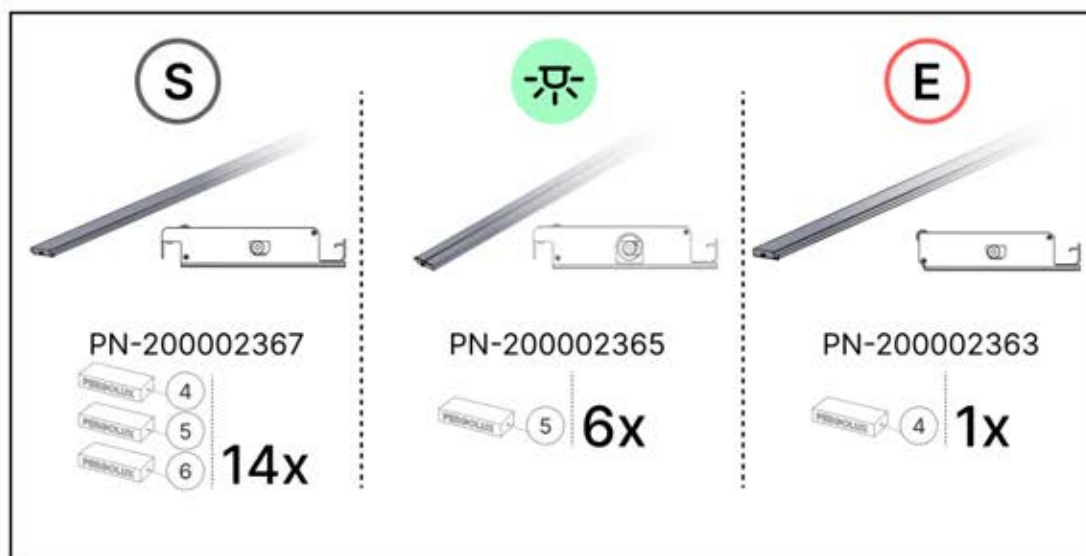
54



55



56



57



4

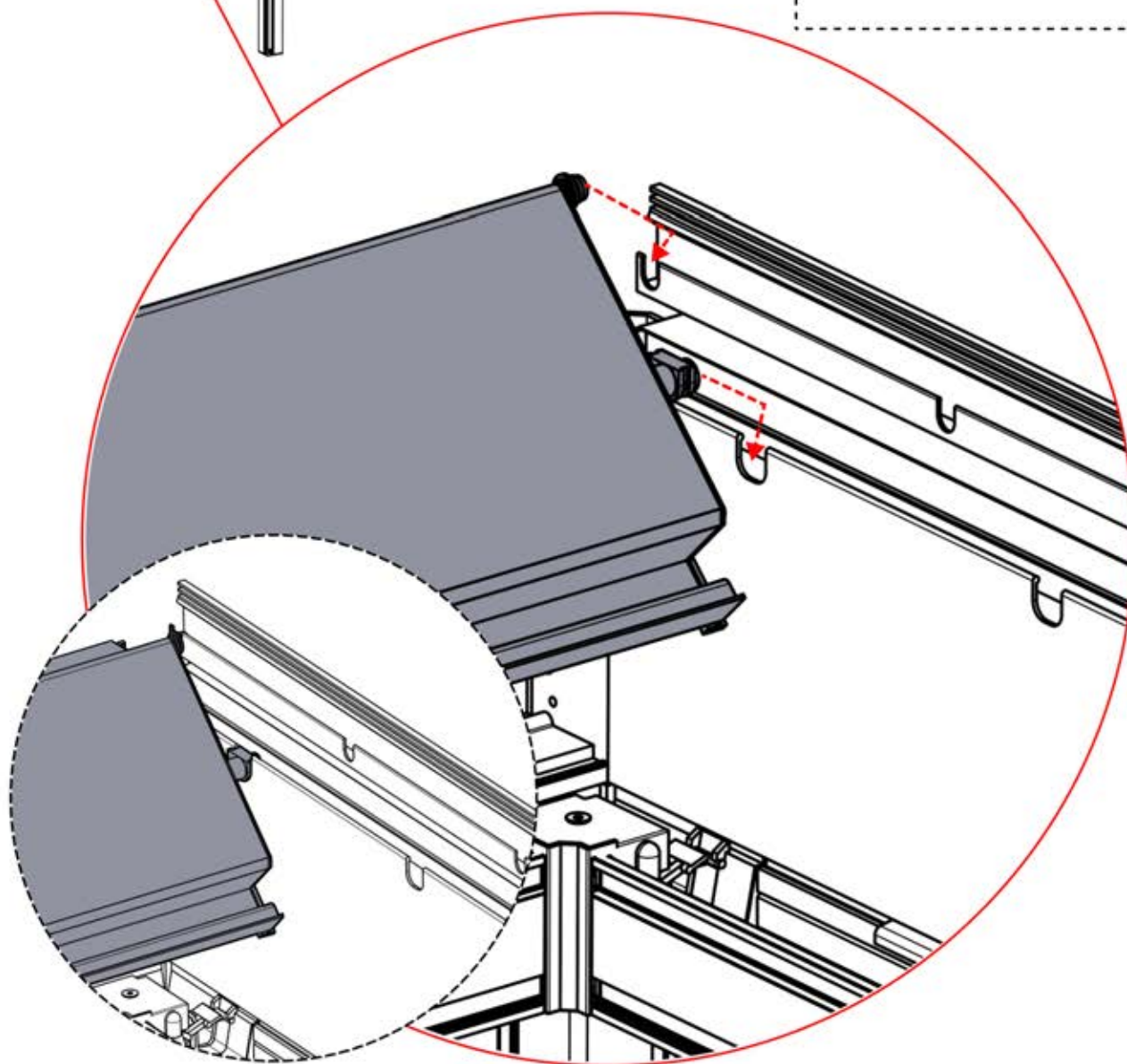
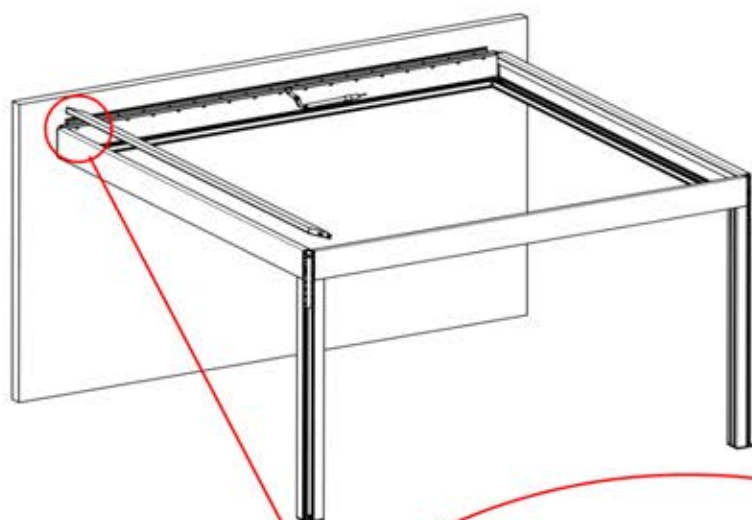
ANTHRACITE: L270
WHITE: L274
BLACK: L272

E



PN-200002363

1x



58



4

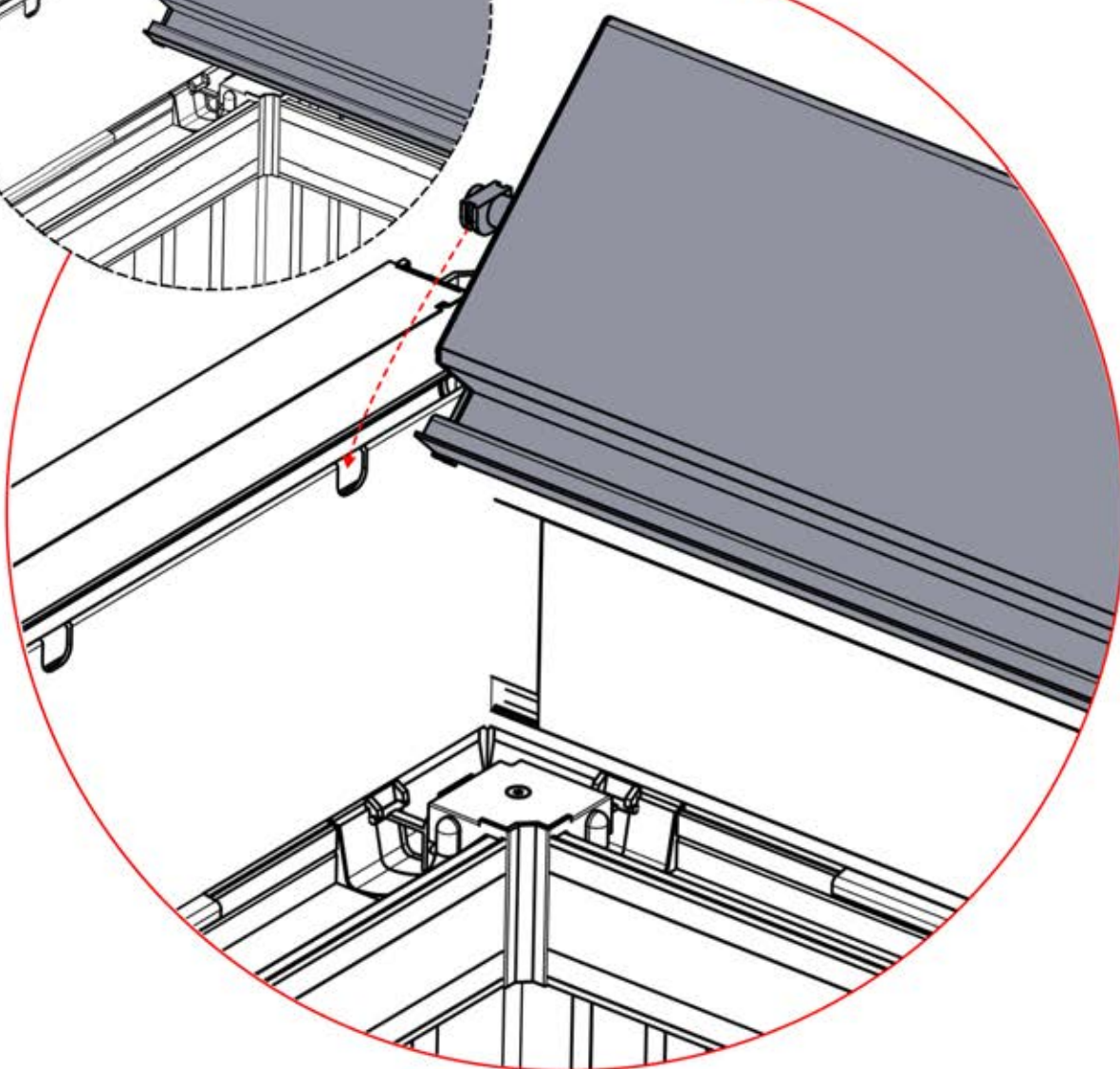
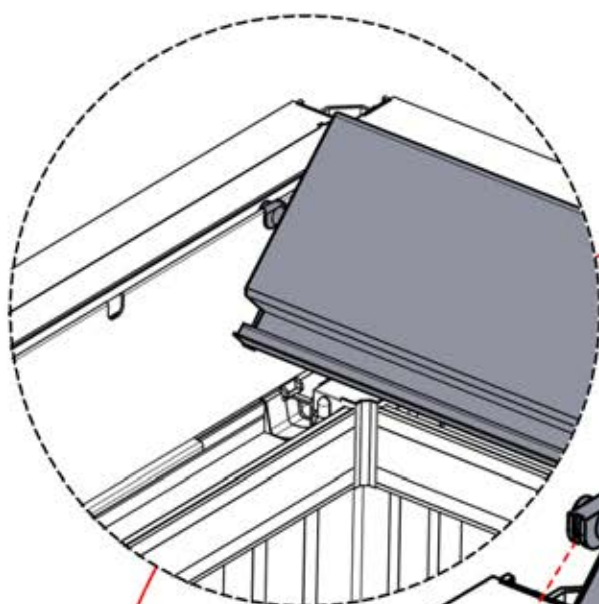
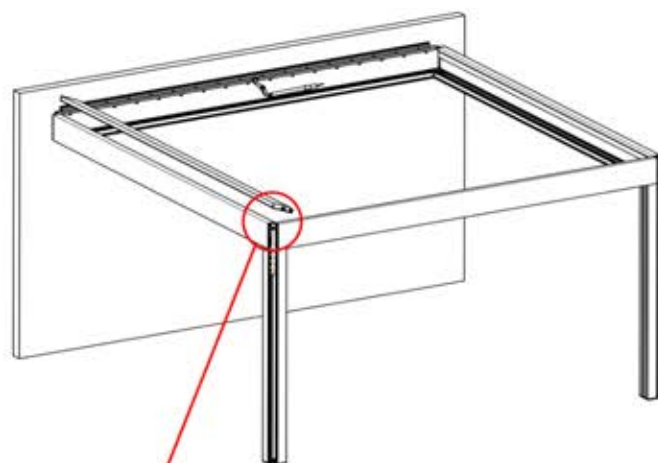
ANTHRACITE: L270
WHITE: L274
BLACK: L272

E

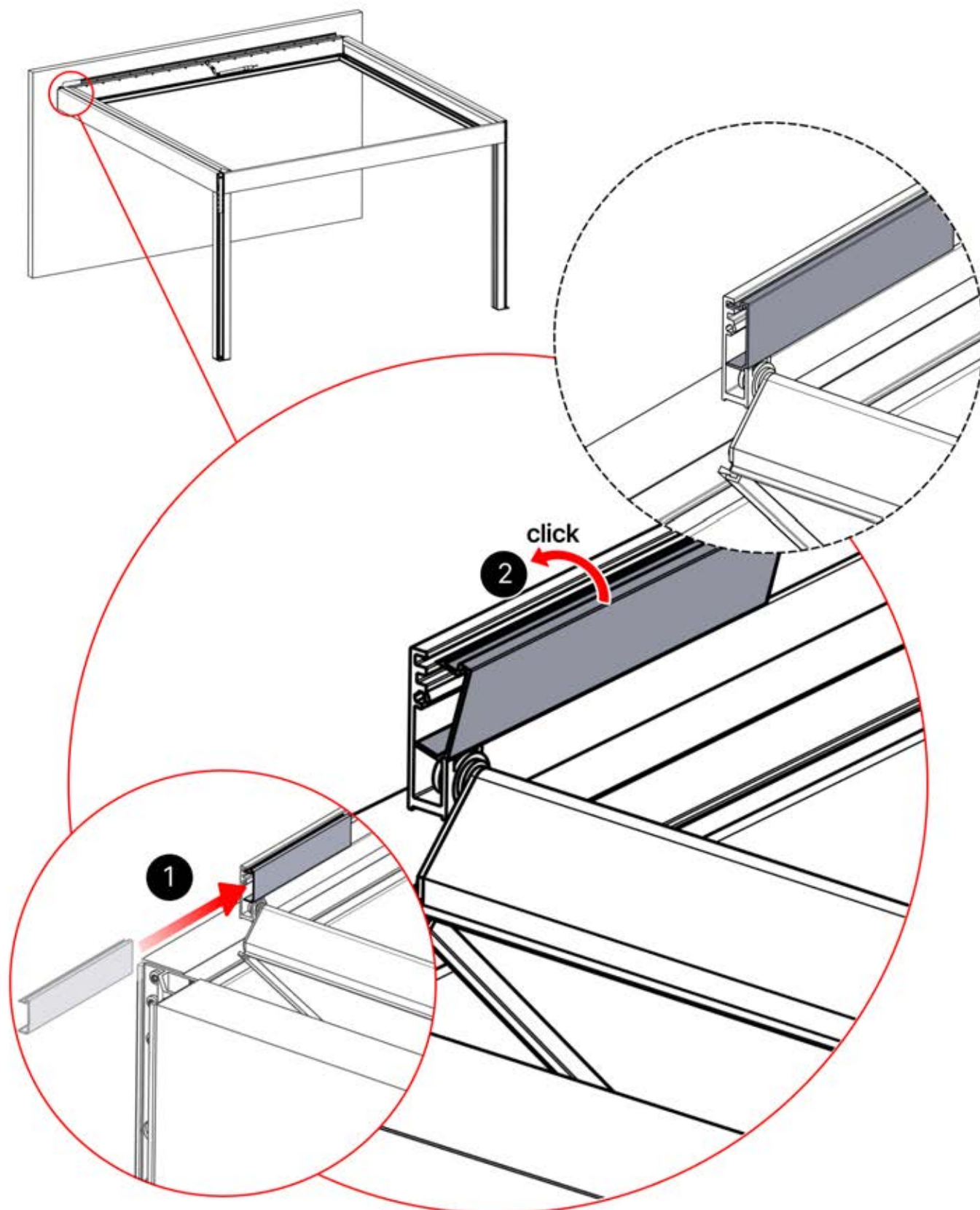
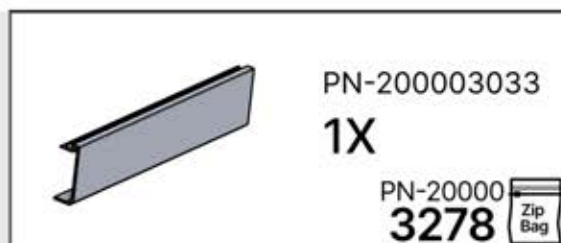
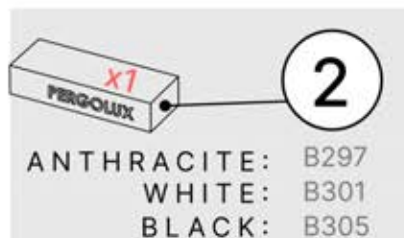


PN-200002363

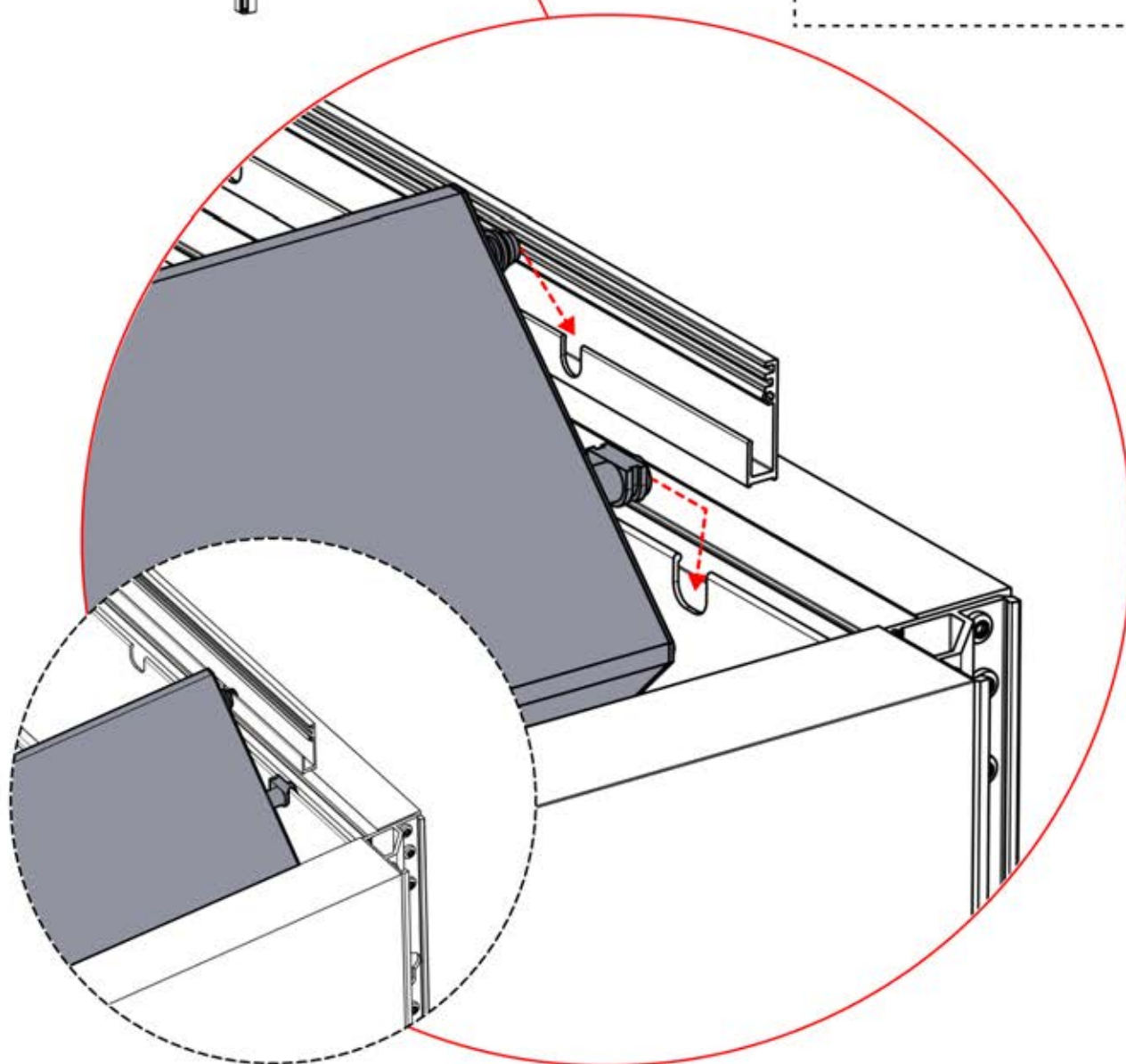
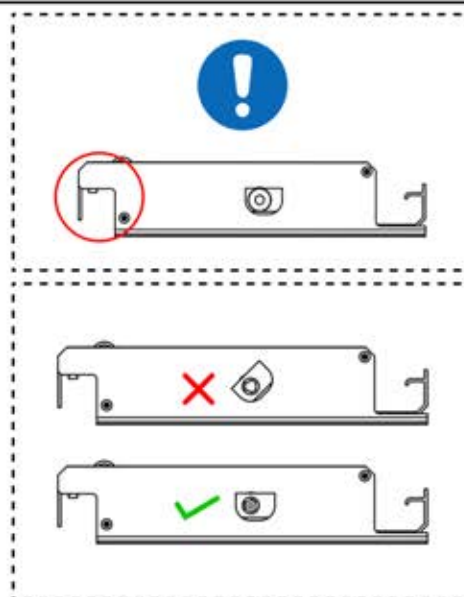
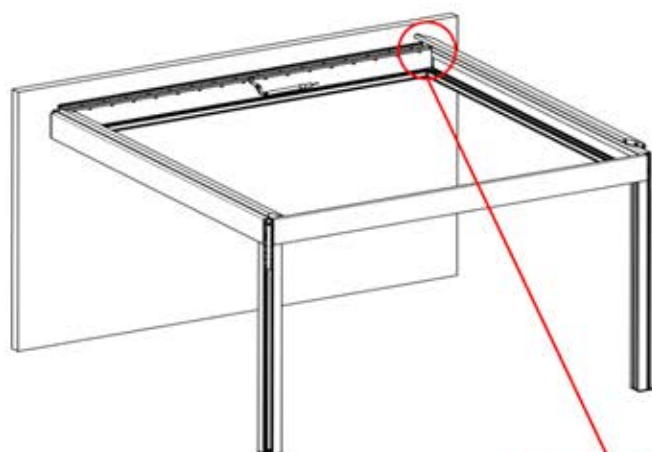
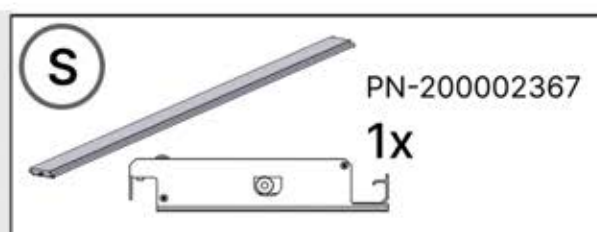
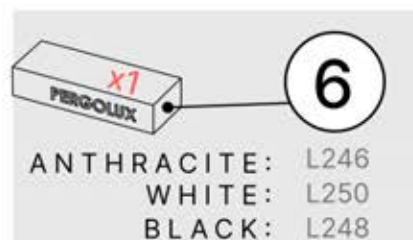
1x



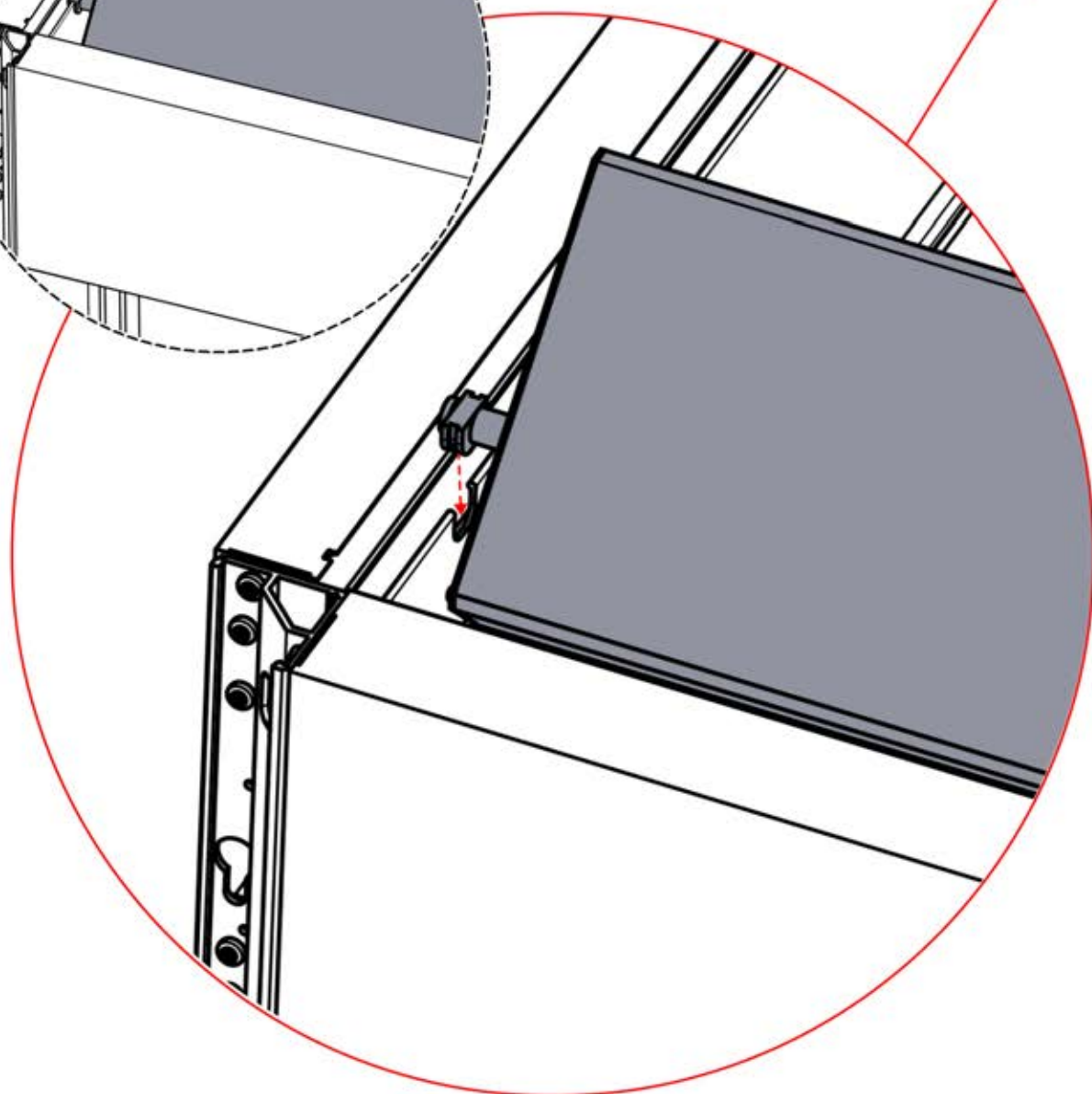
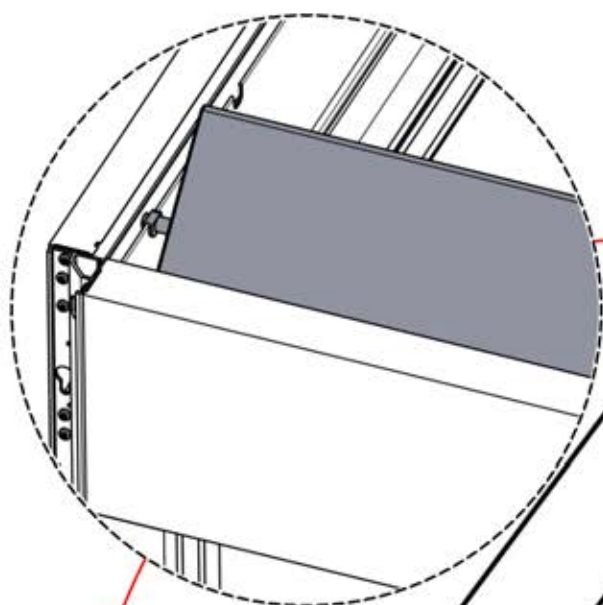
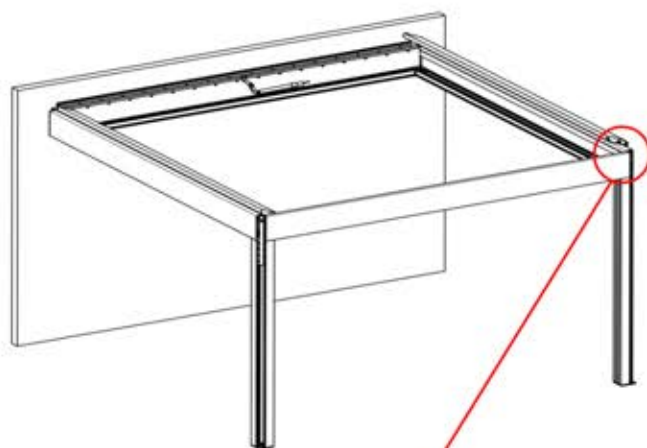
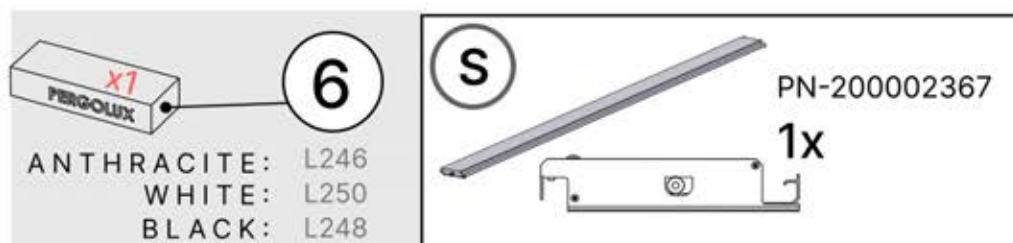
59



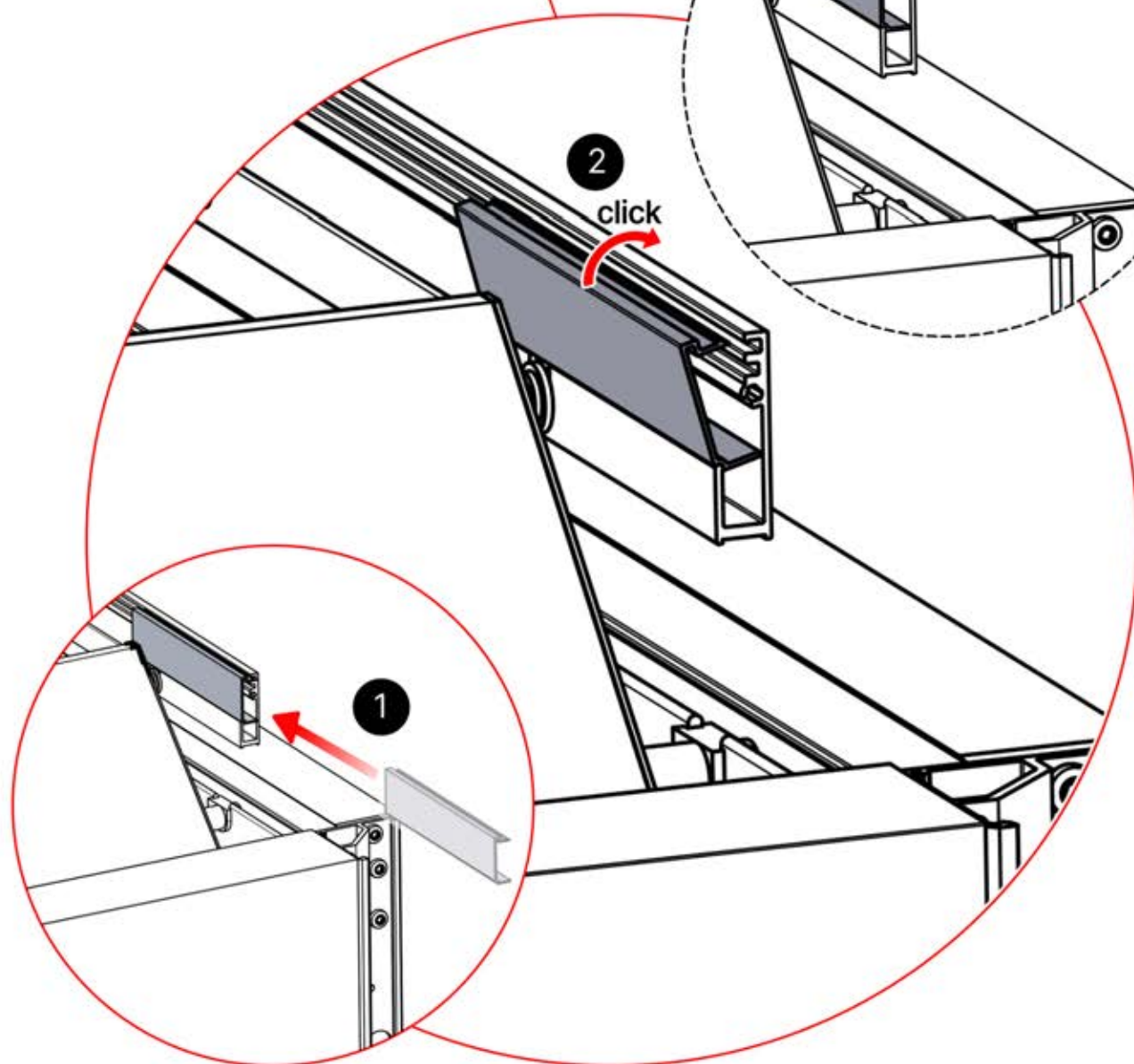
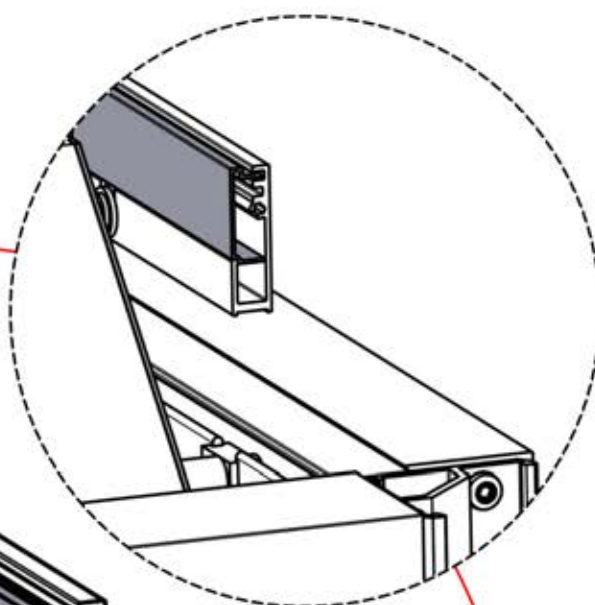
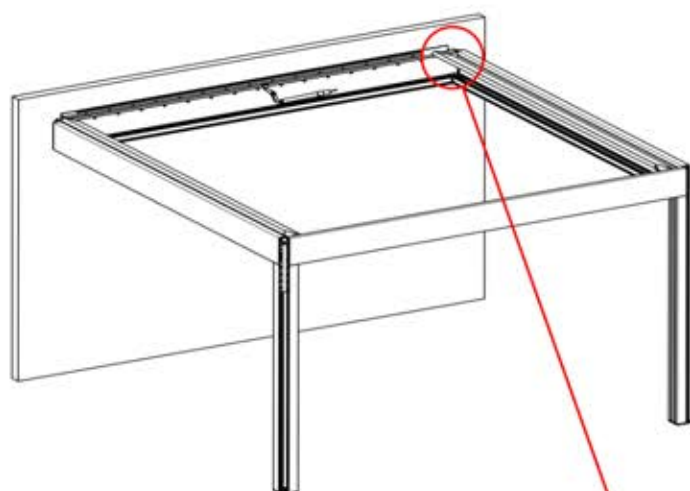
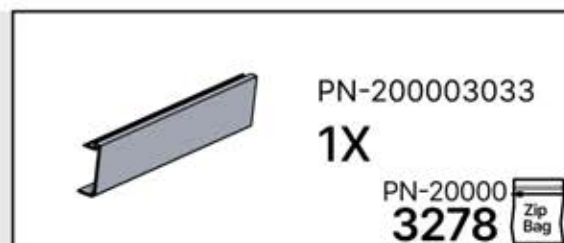
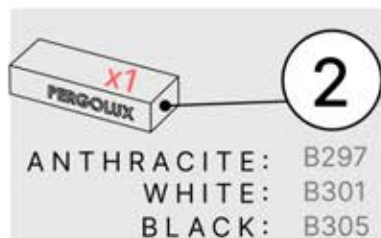
60



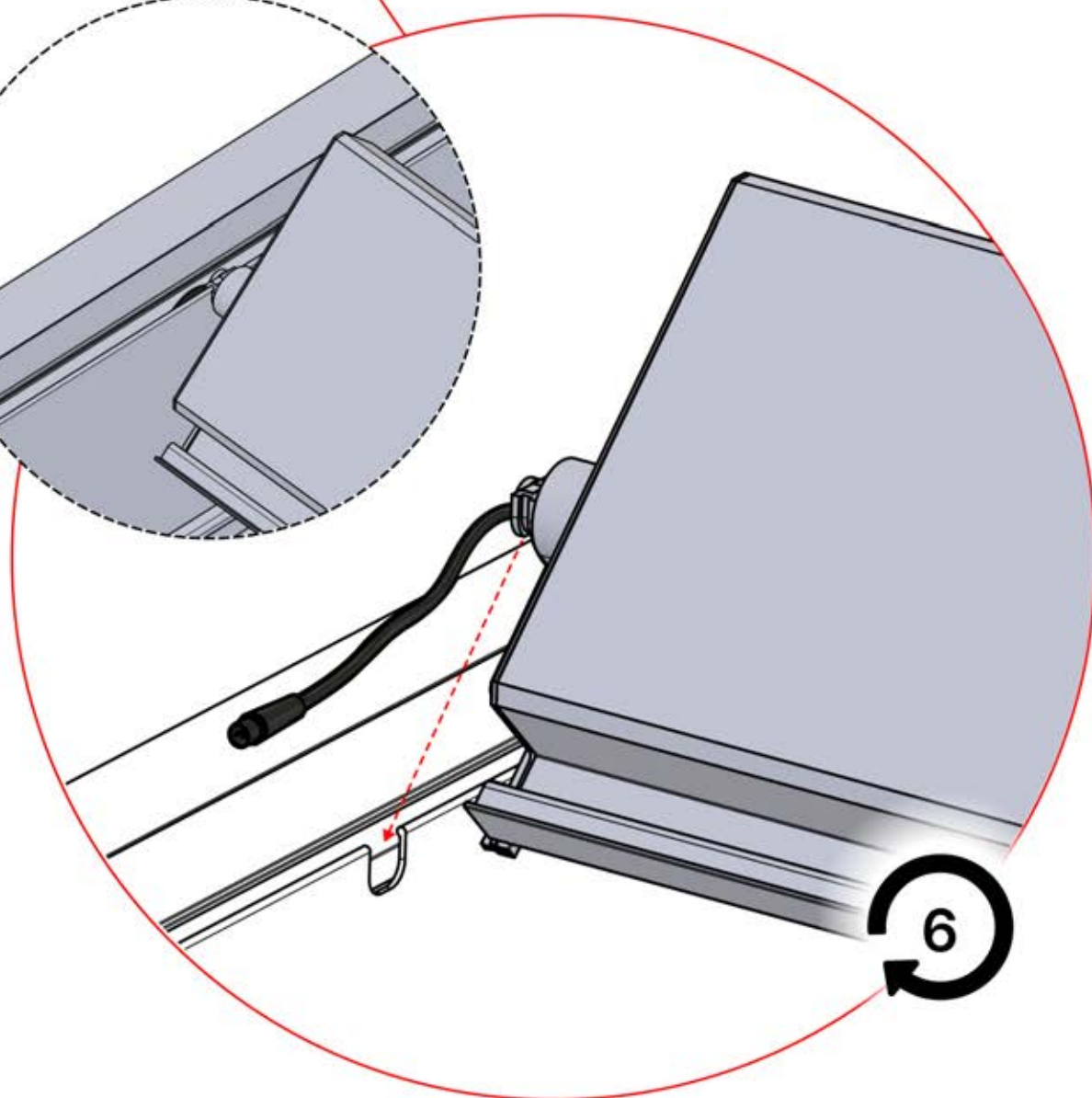
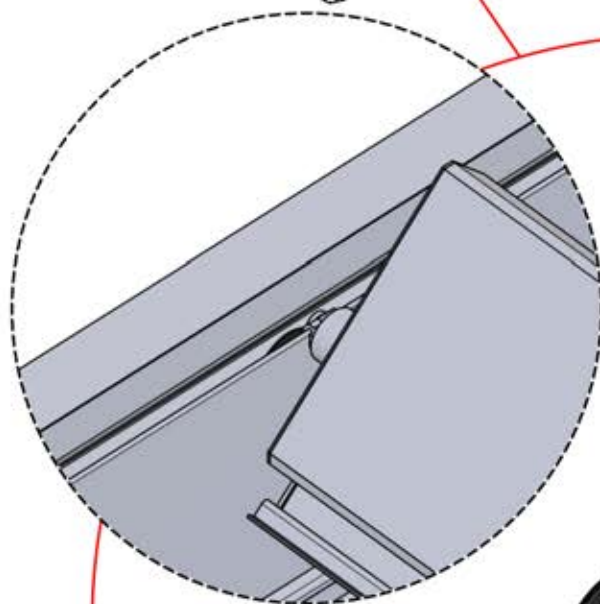
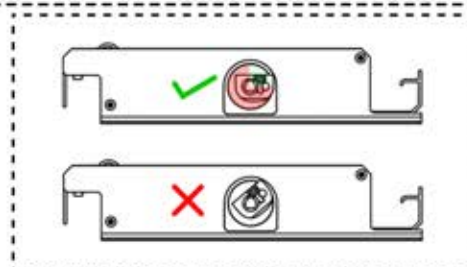
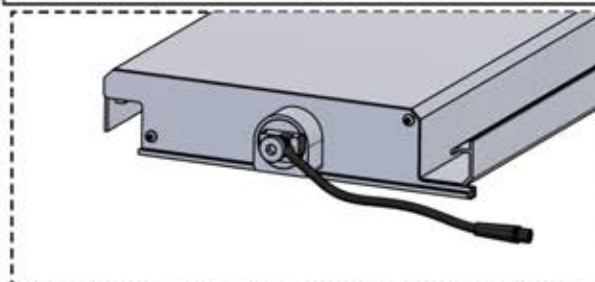
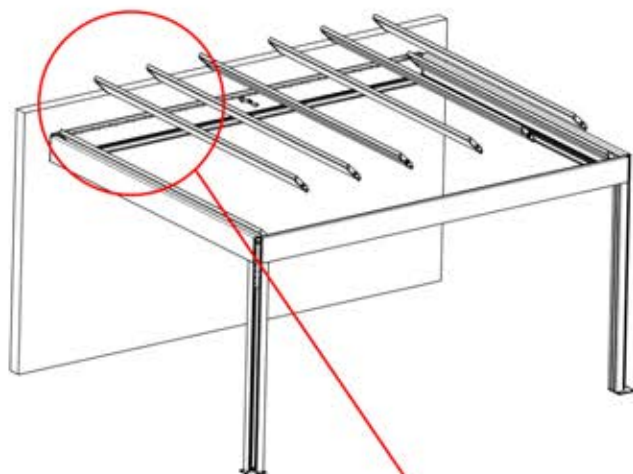
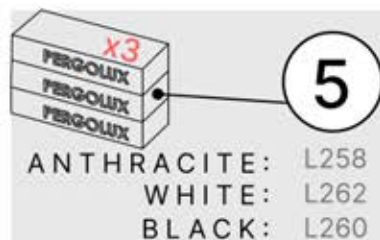
61

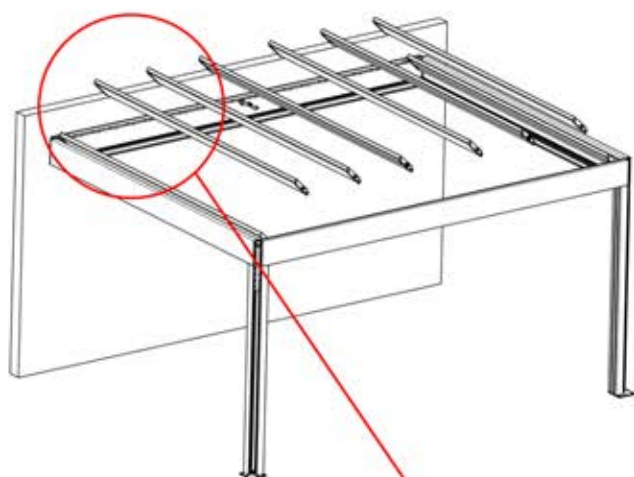


62

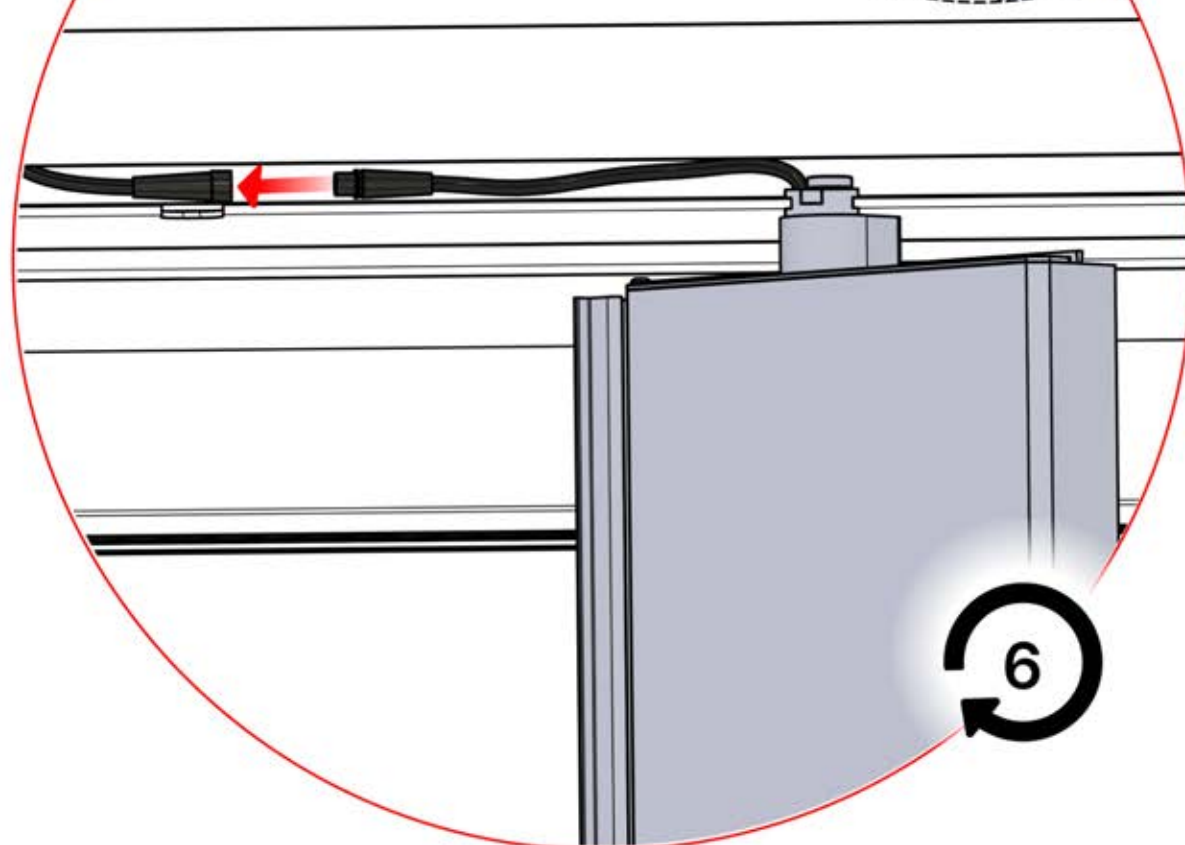
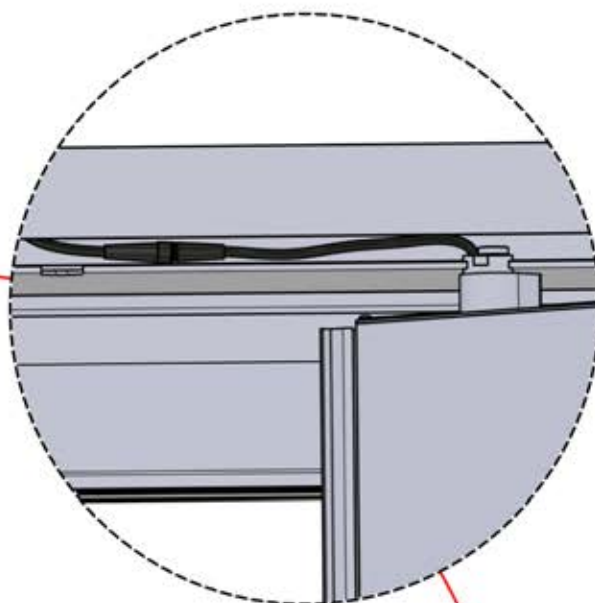


63

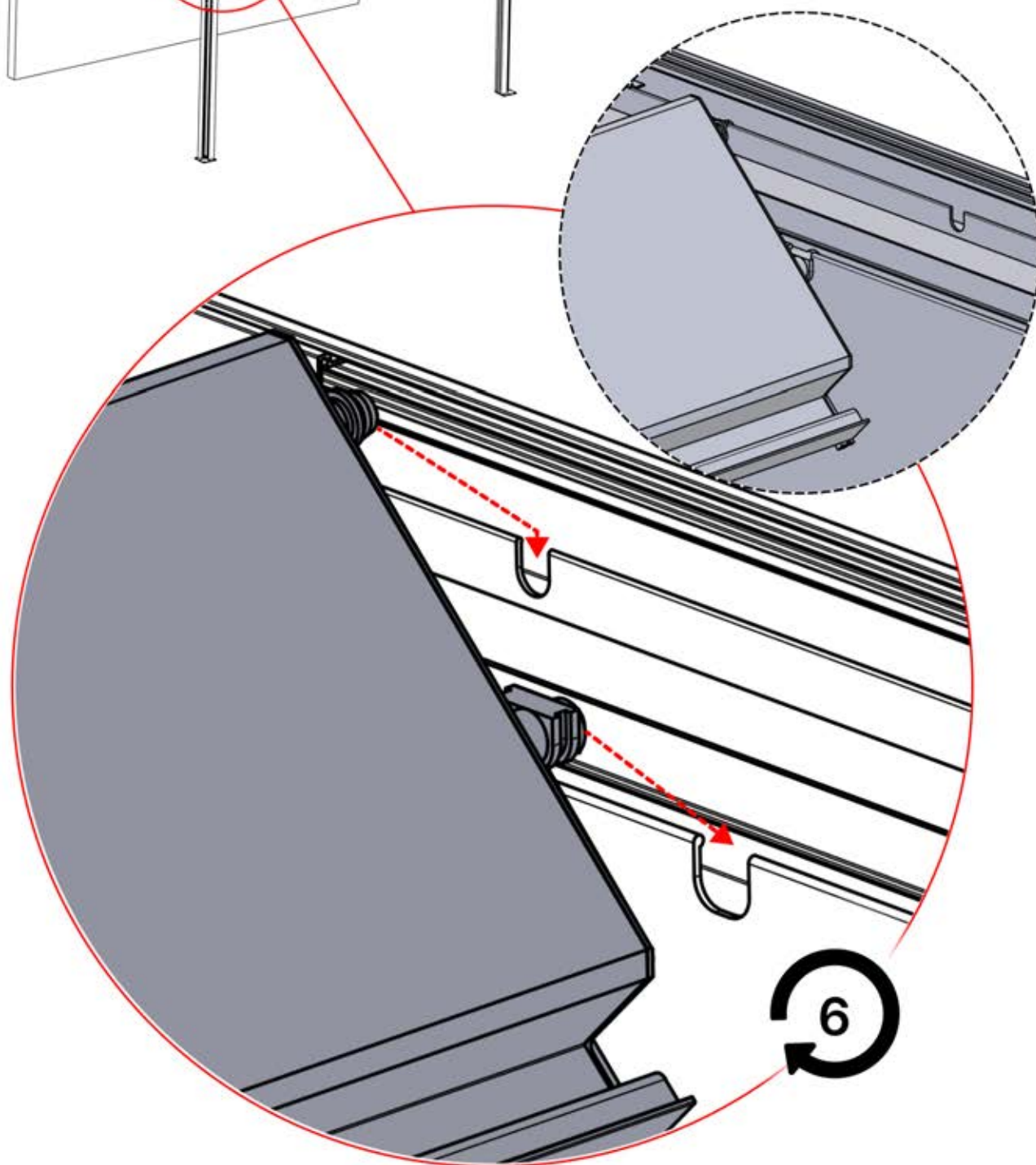
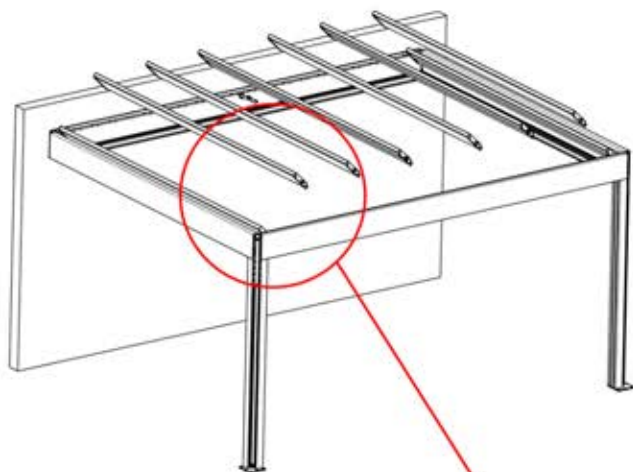
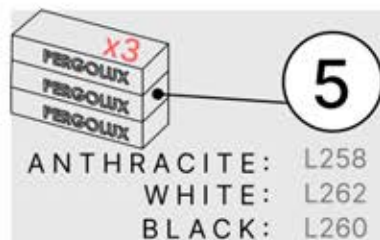




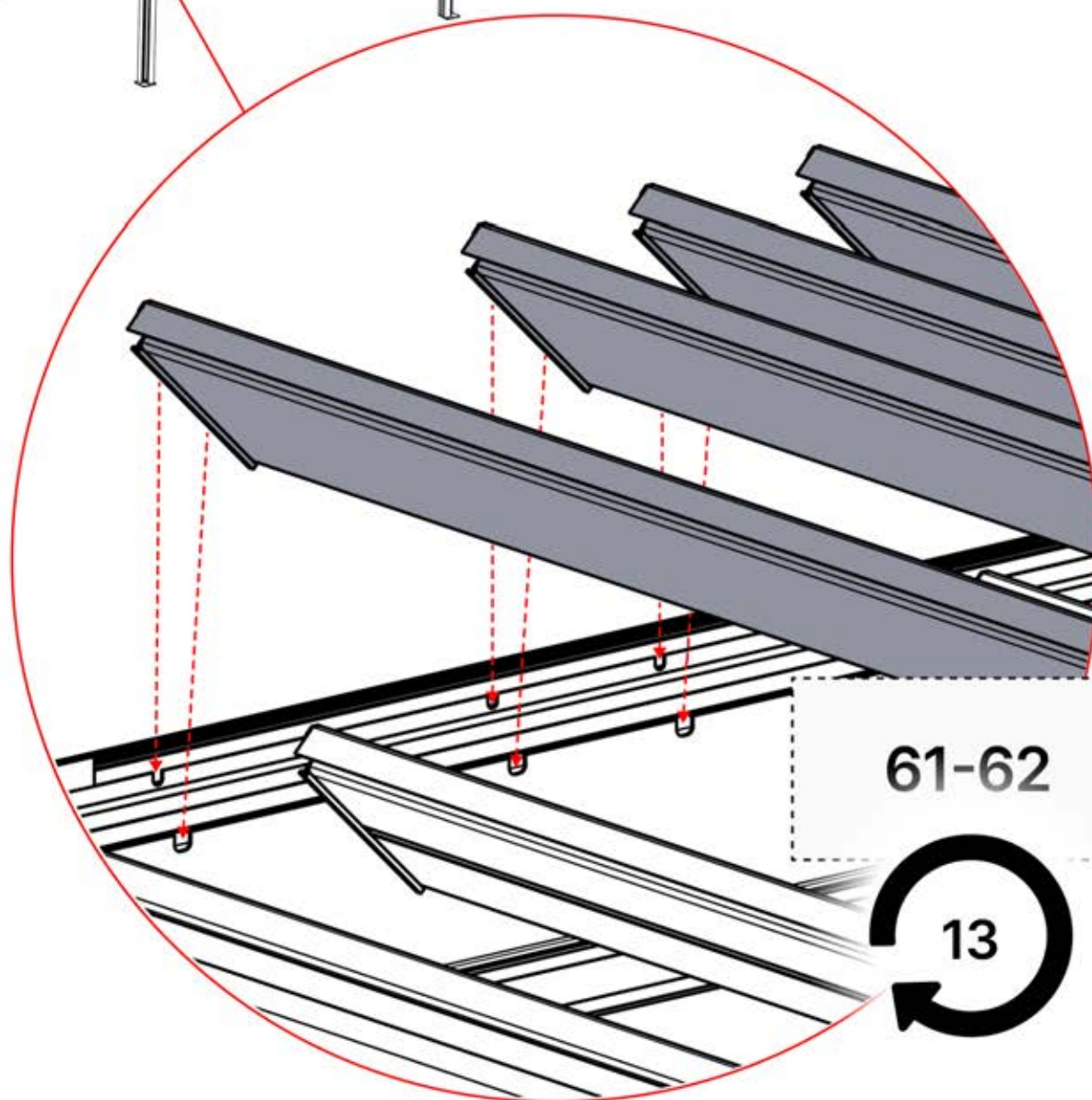
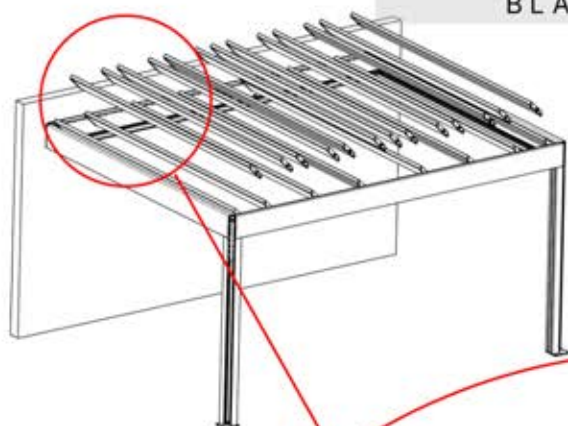
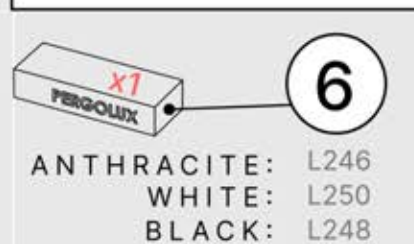
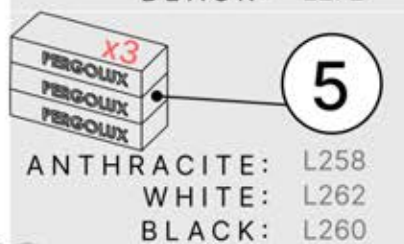
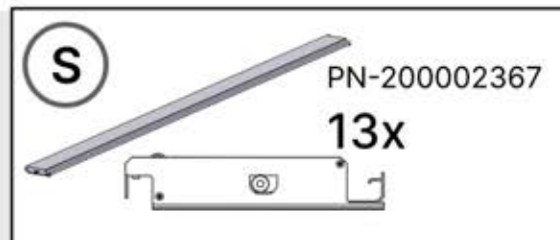
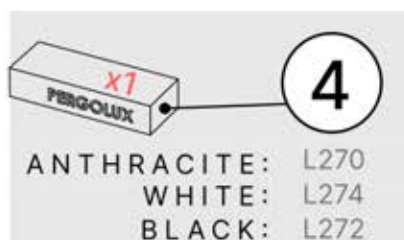
!
Connect the LED
cable to the 6-pin LED
wire



65



66

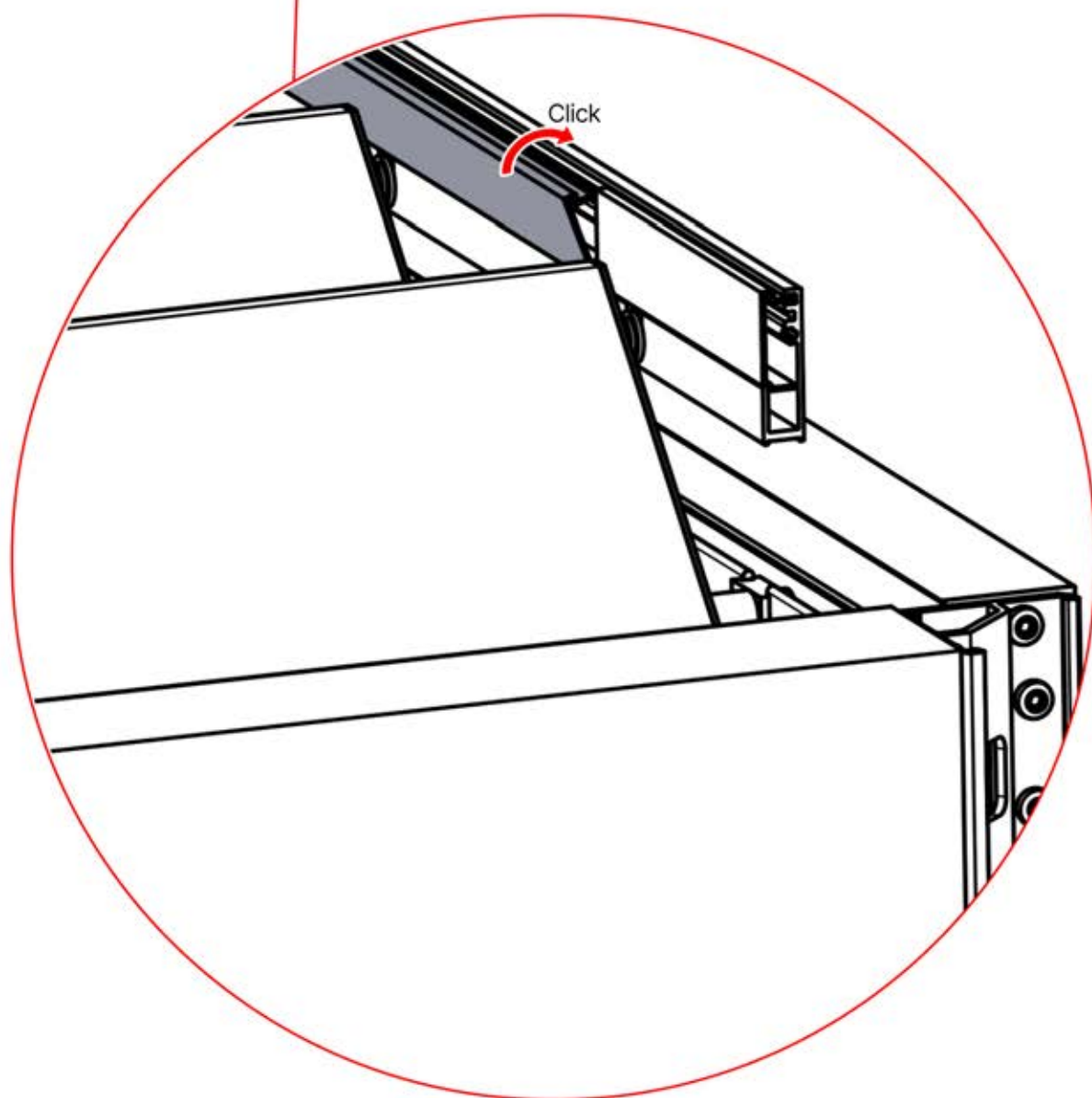
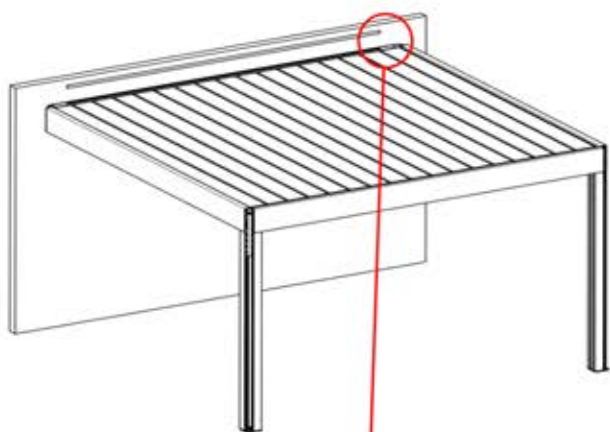
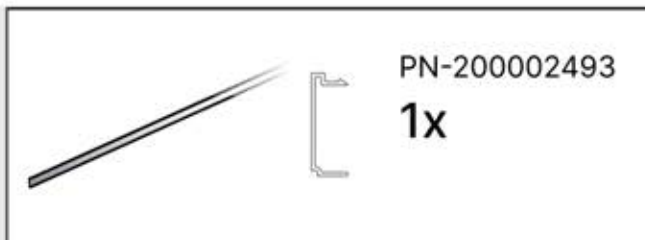


67

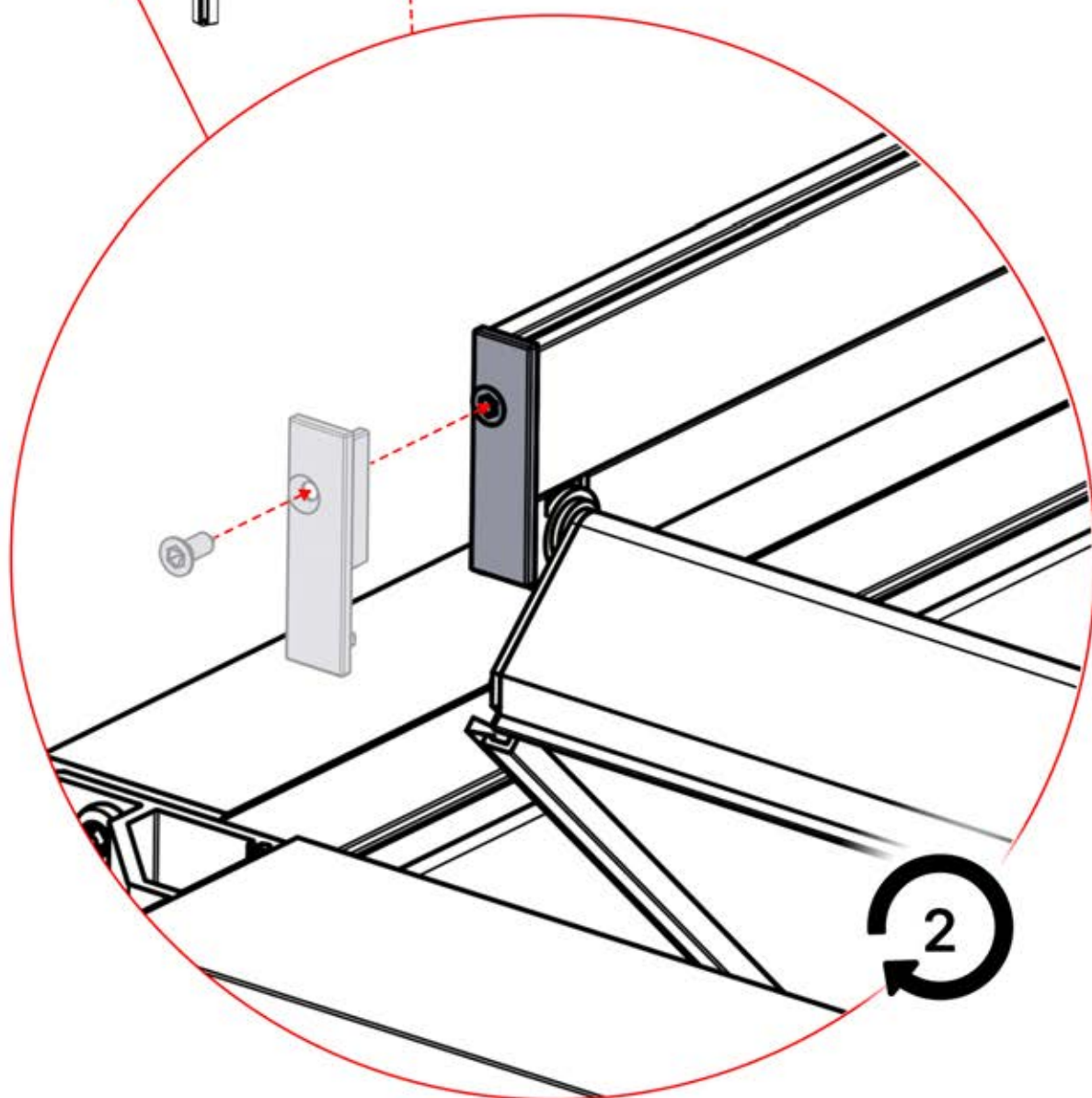
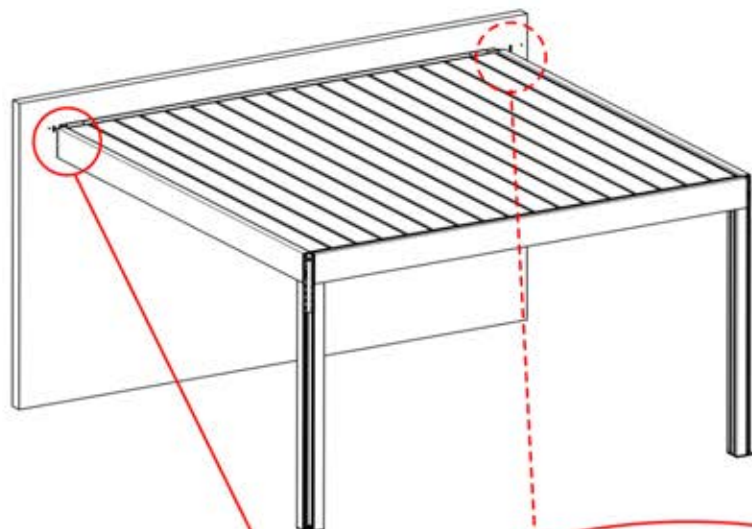
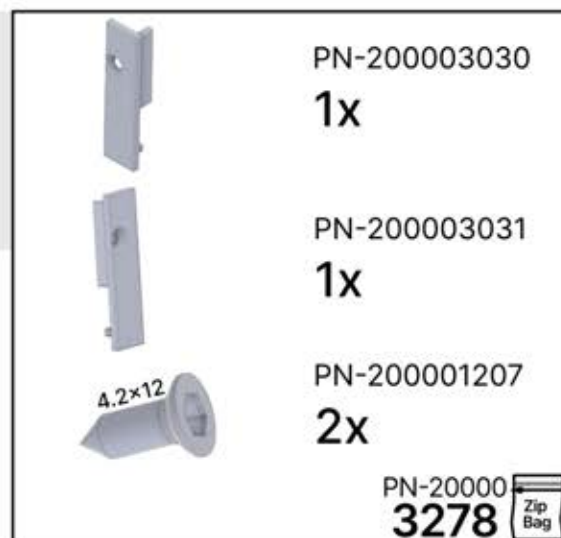
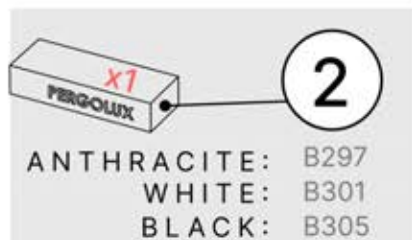


2

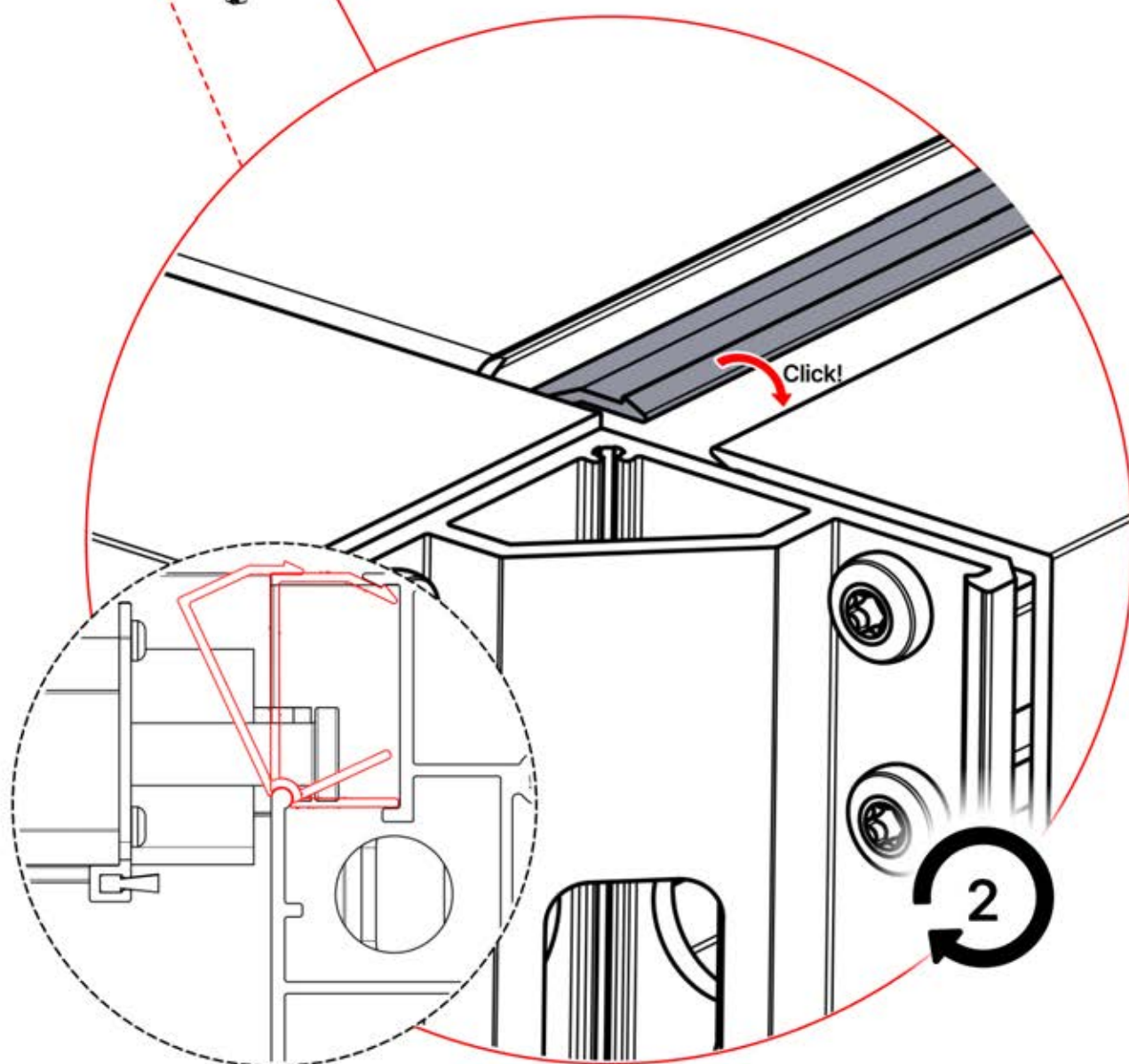
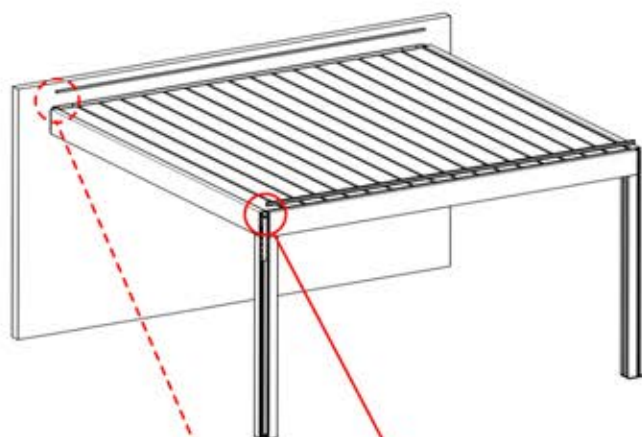
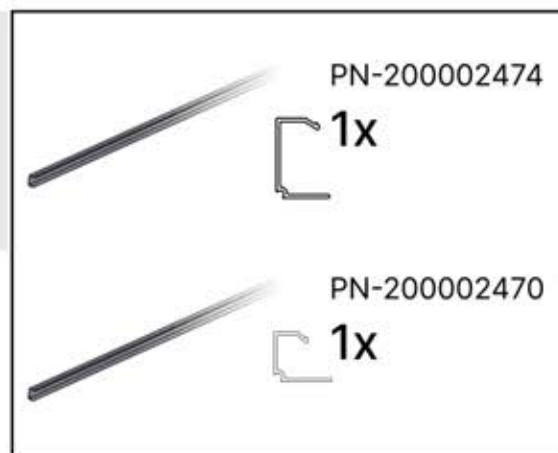
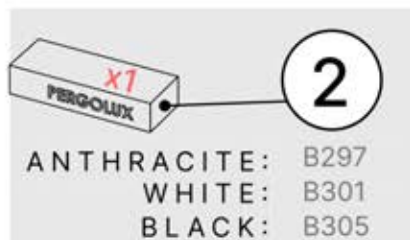
ANTHRACITE: B297
WHITE: B301
BLACK: B305



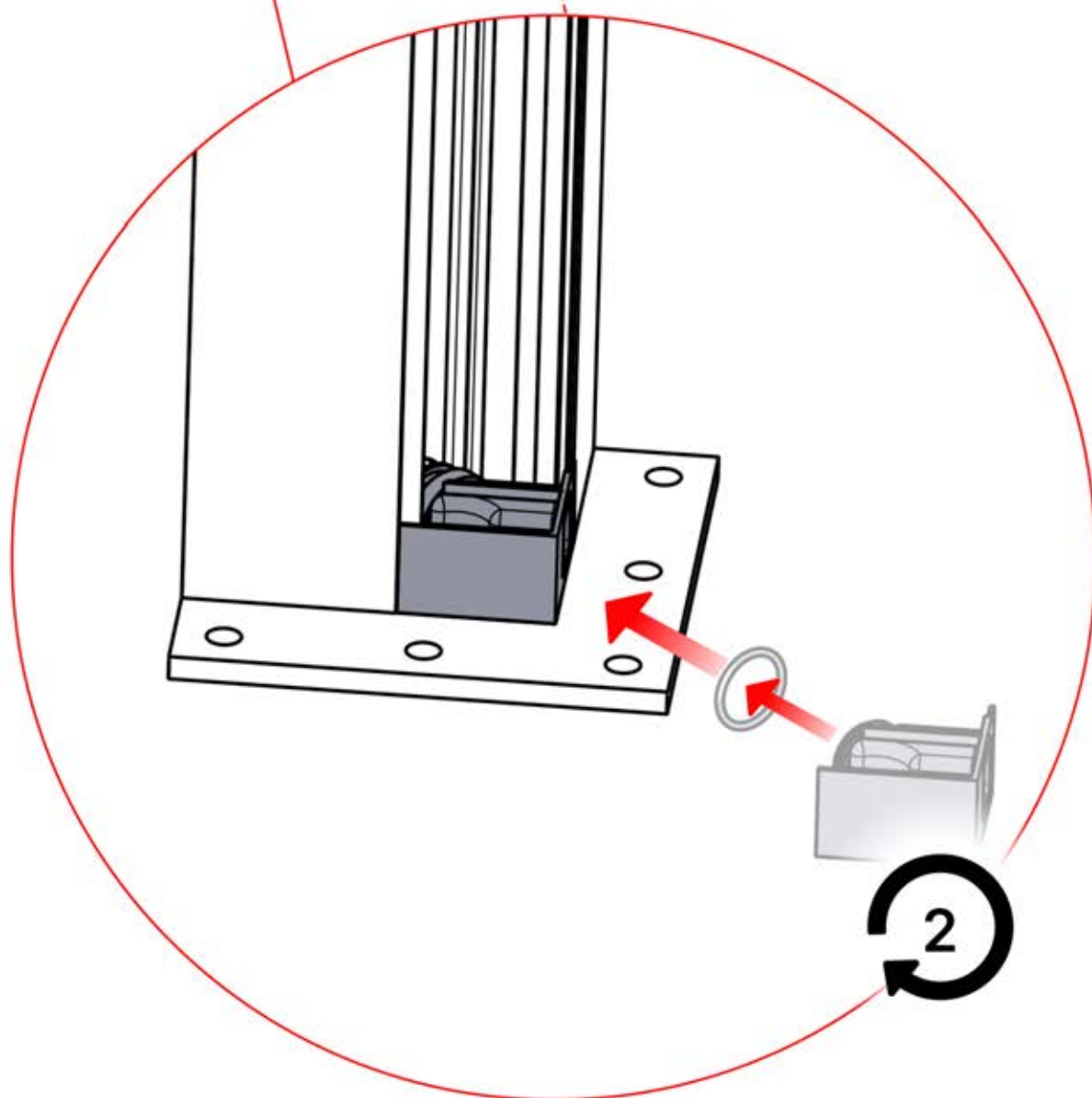
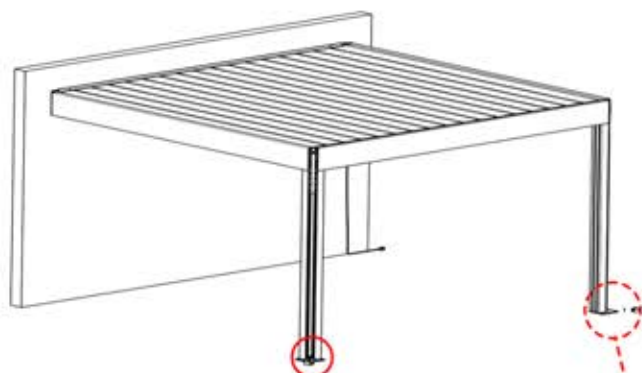
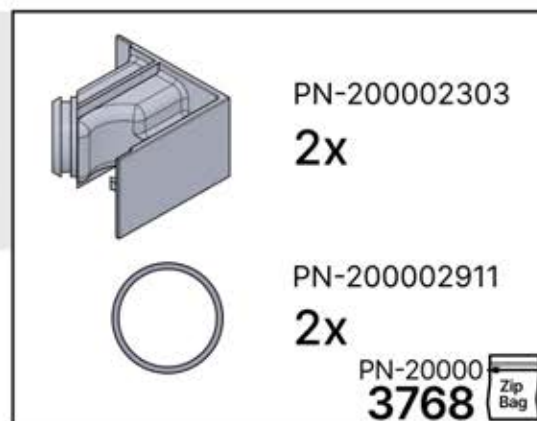
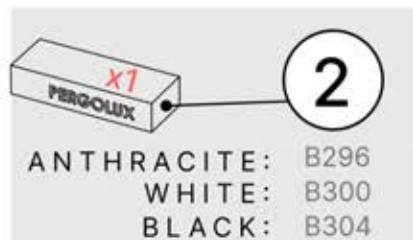
68



69



70



71



1

ANTHRACITE: C126
WHITE: C127
BLACK: C128



2

ANTHRACITE: B296
WHITE: B300
BLACK: B304



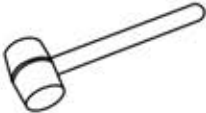
PN-200002301
2x

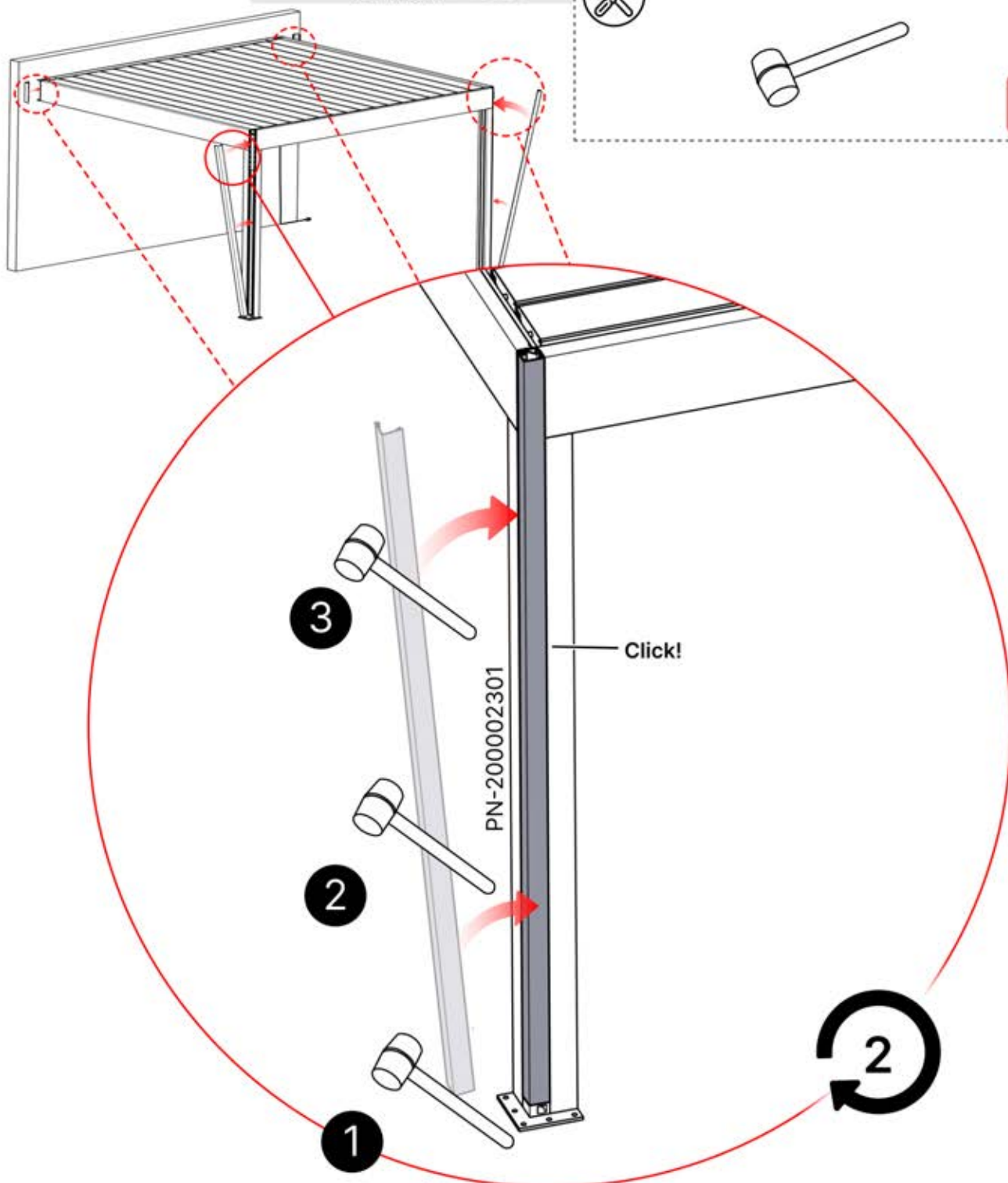


PN-200002370
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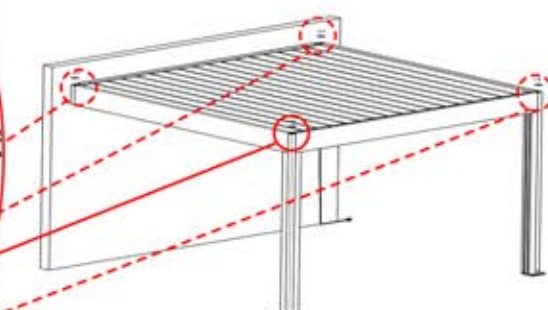
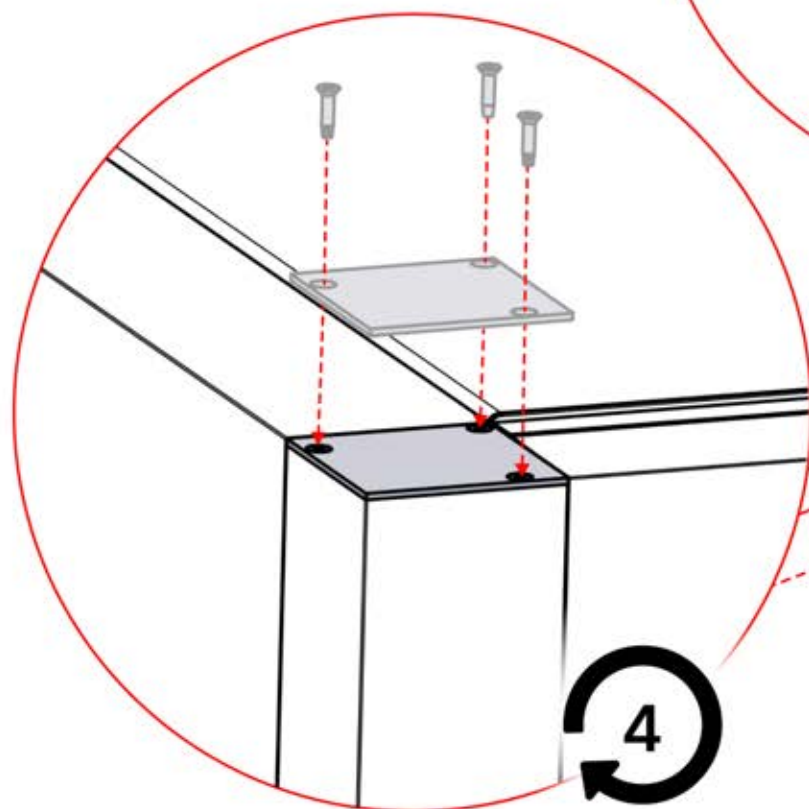
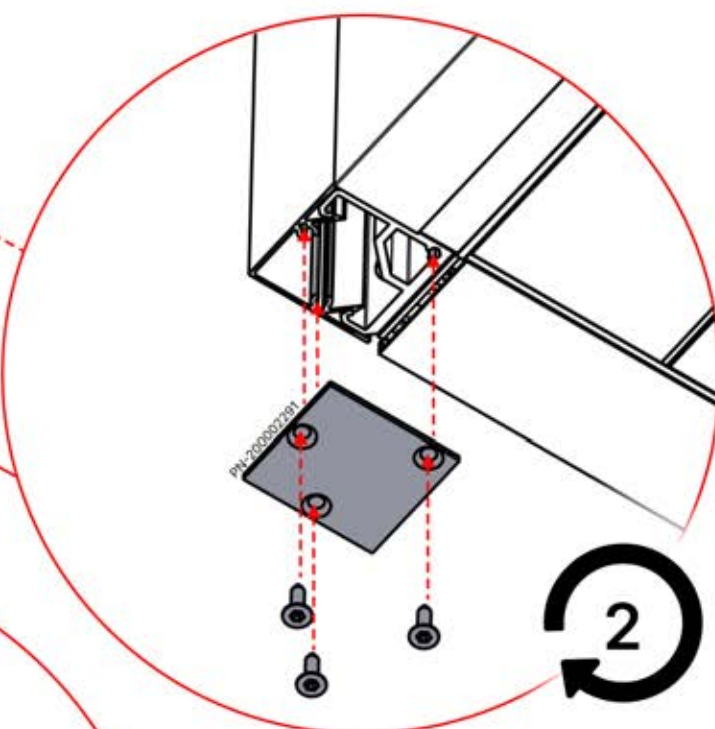
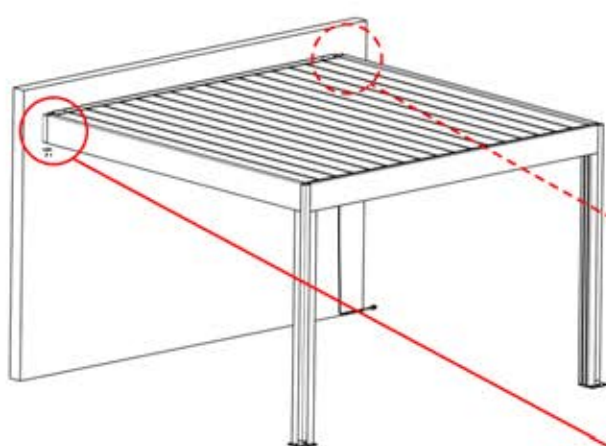
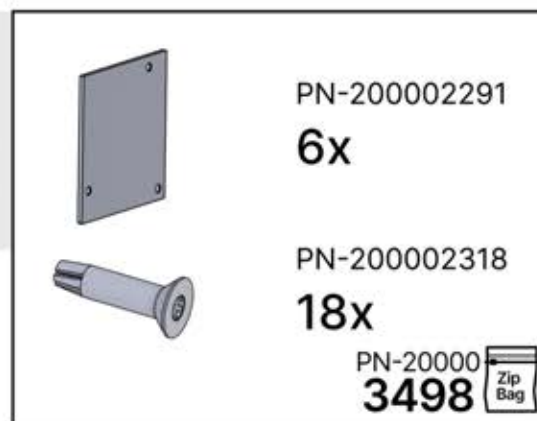
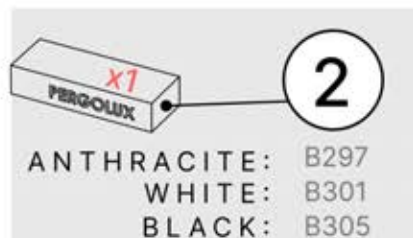
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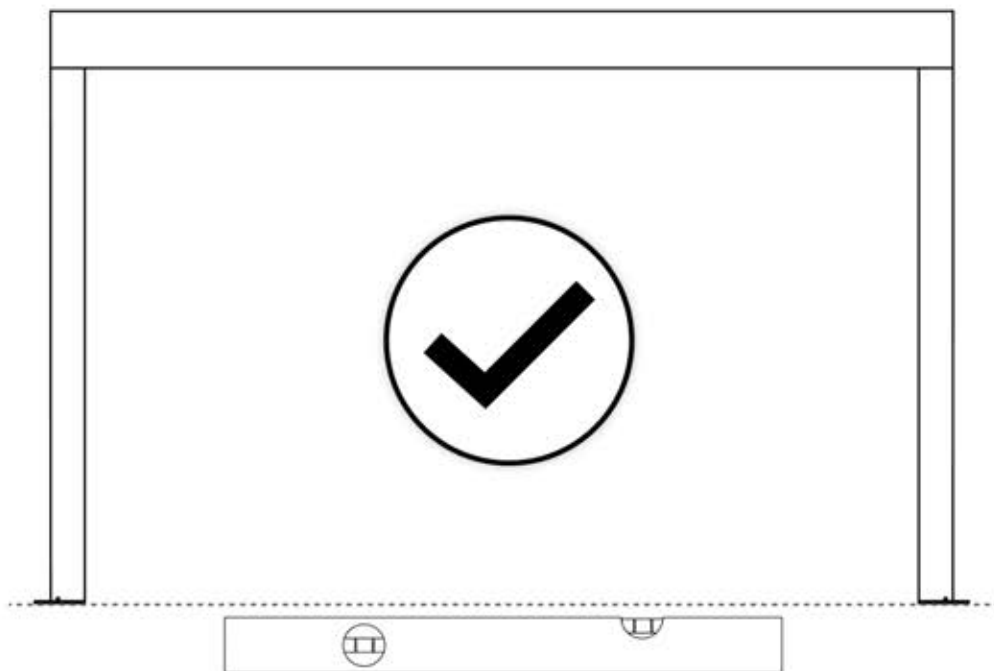
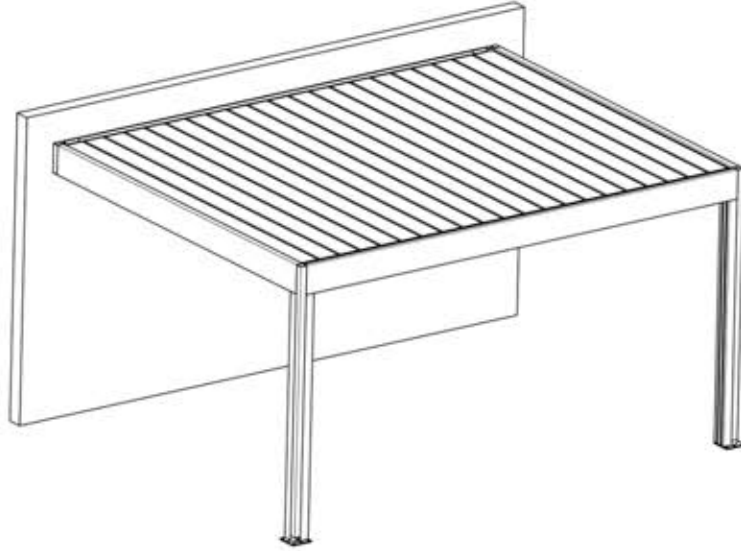
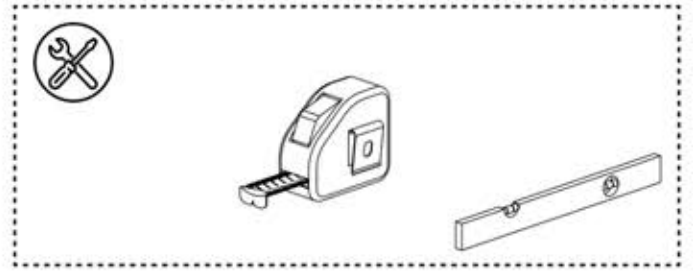



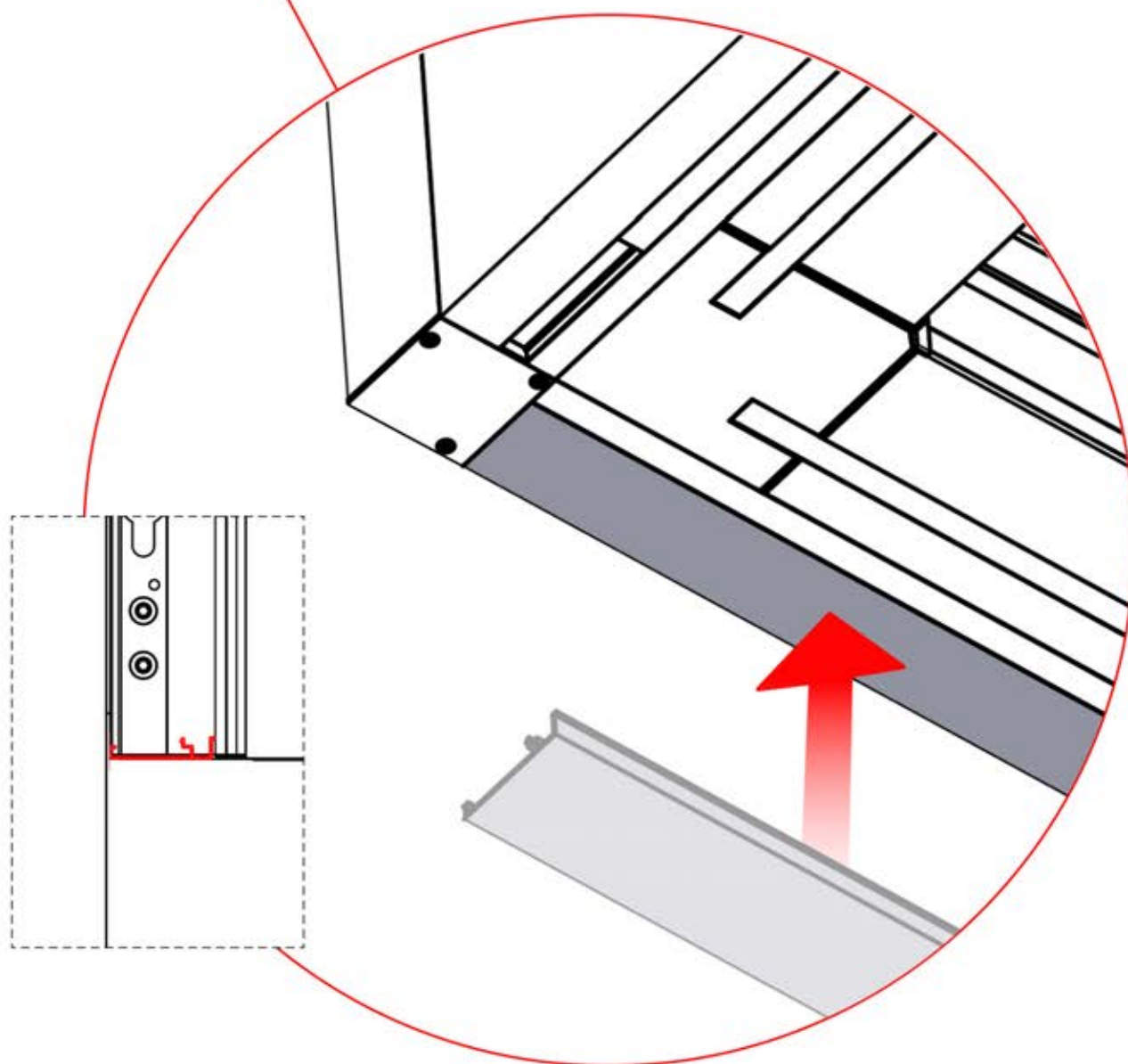
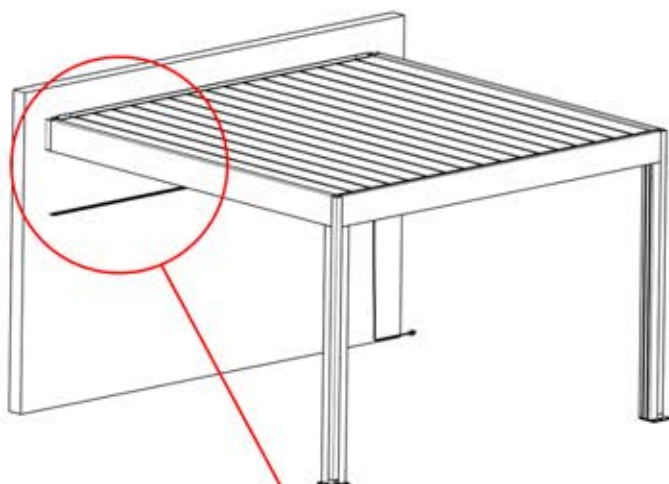
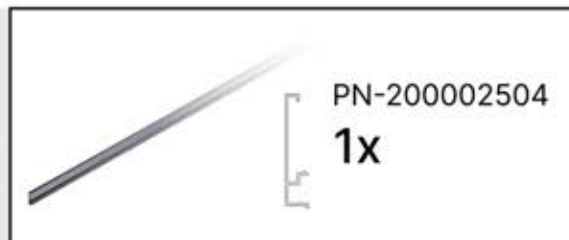
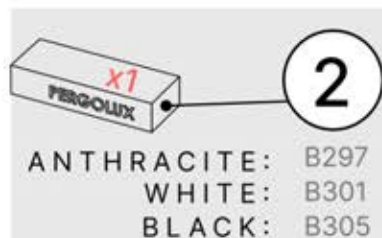
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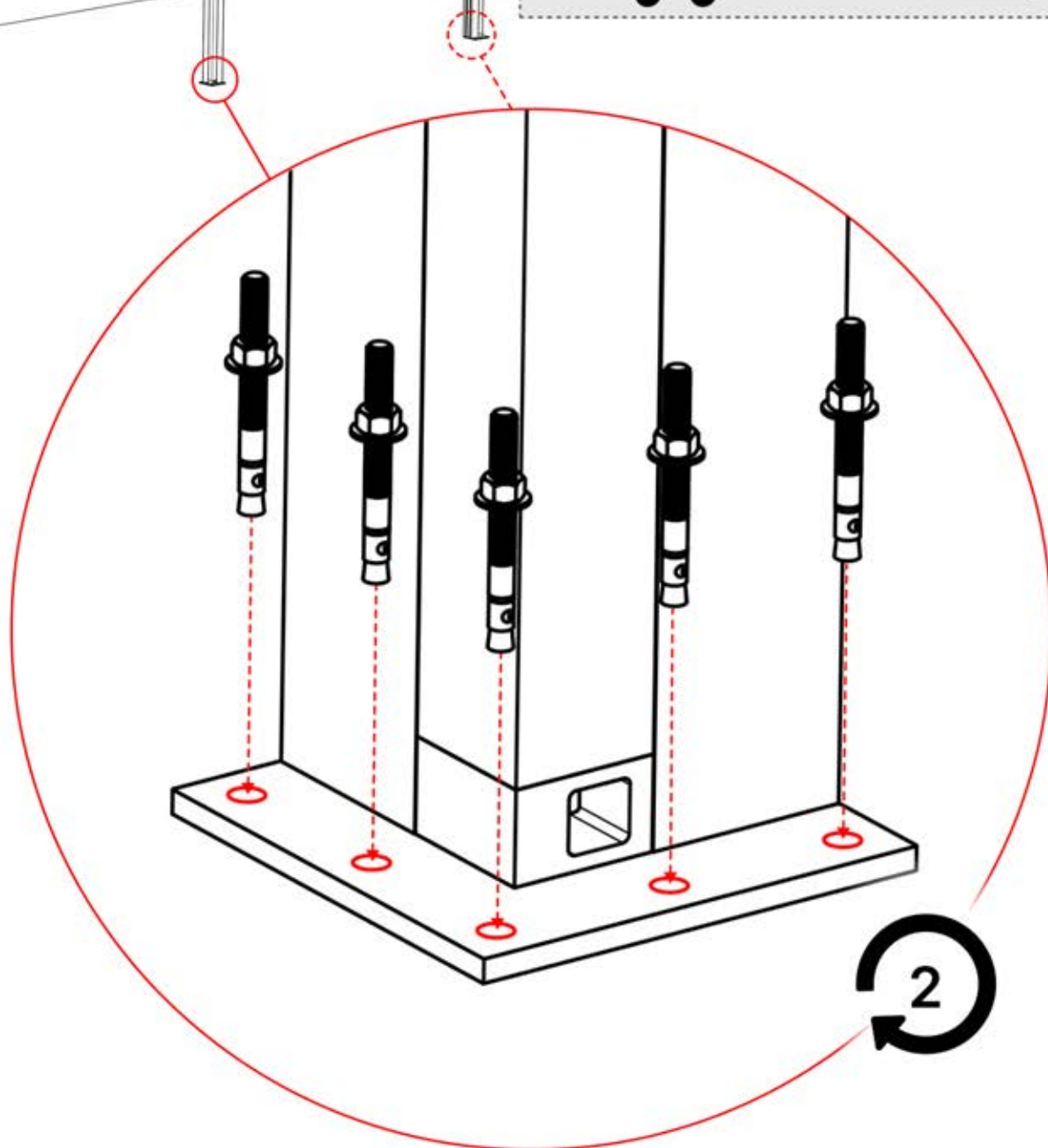
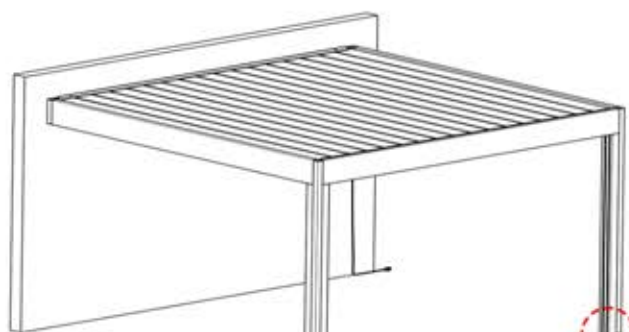
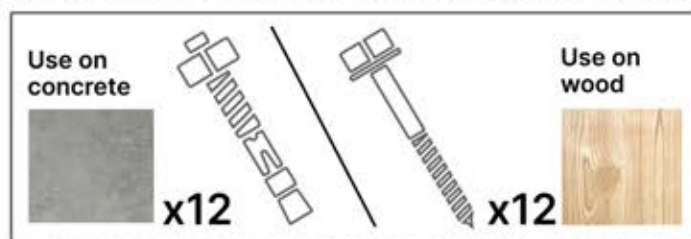
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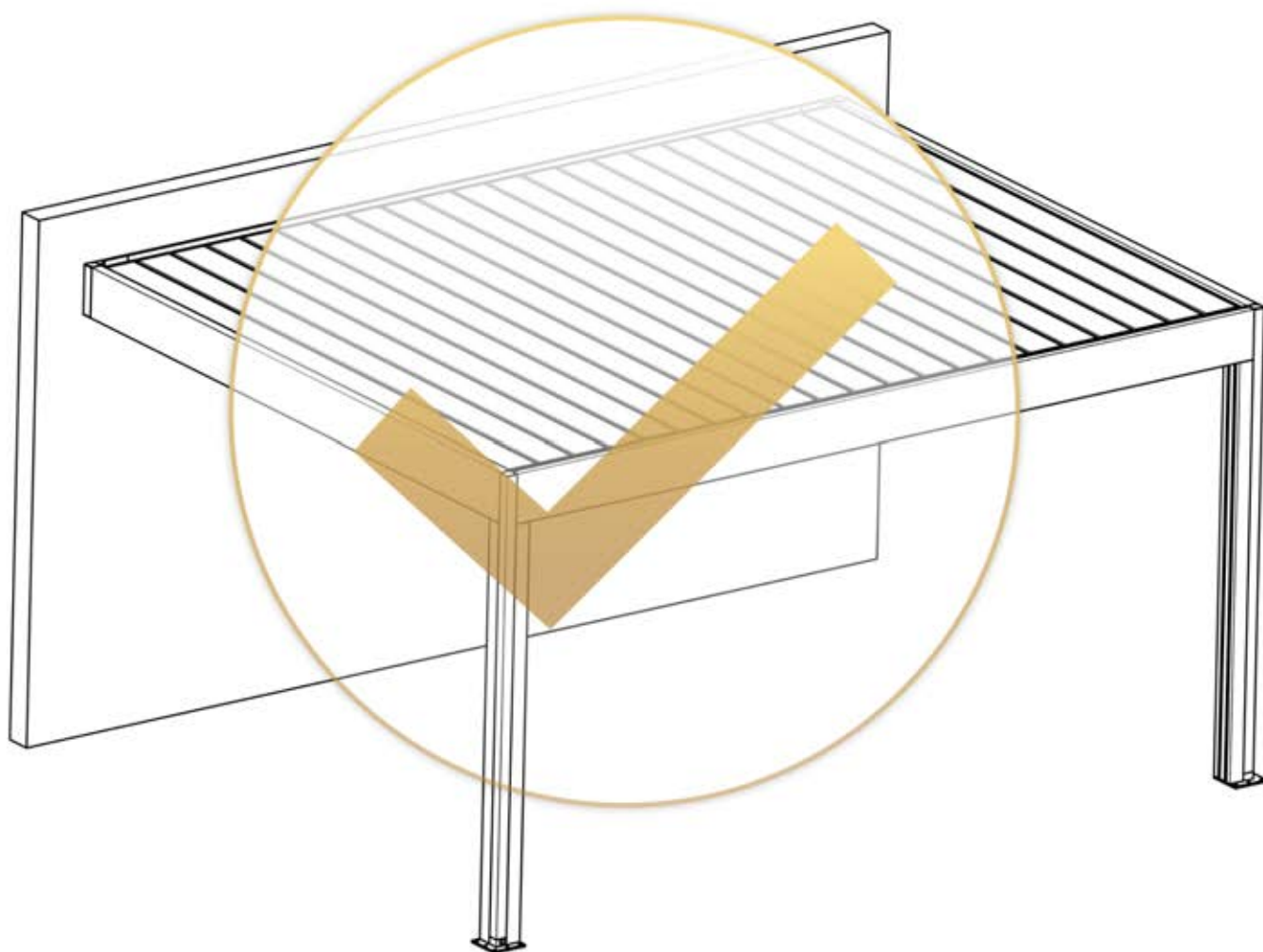


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