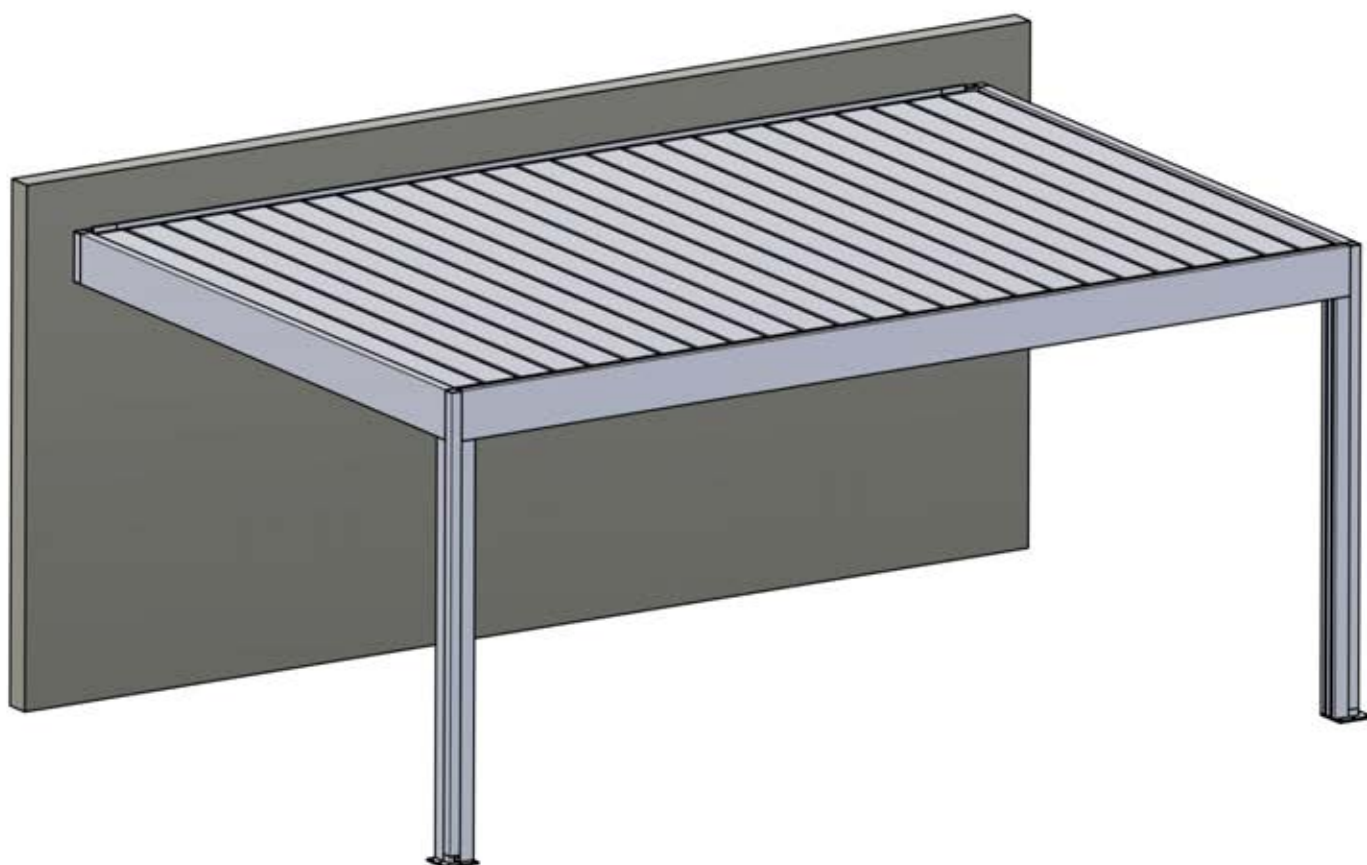


Pergola
PRO
MAX+

PERGOLA

PRO MAX+



4x6m/13'x19'
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

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

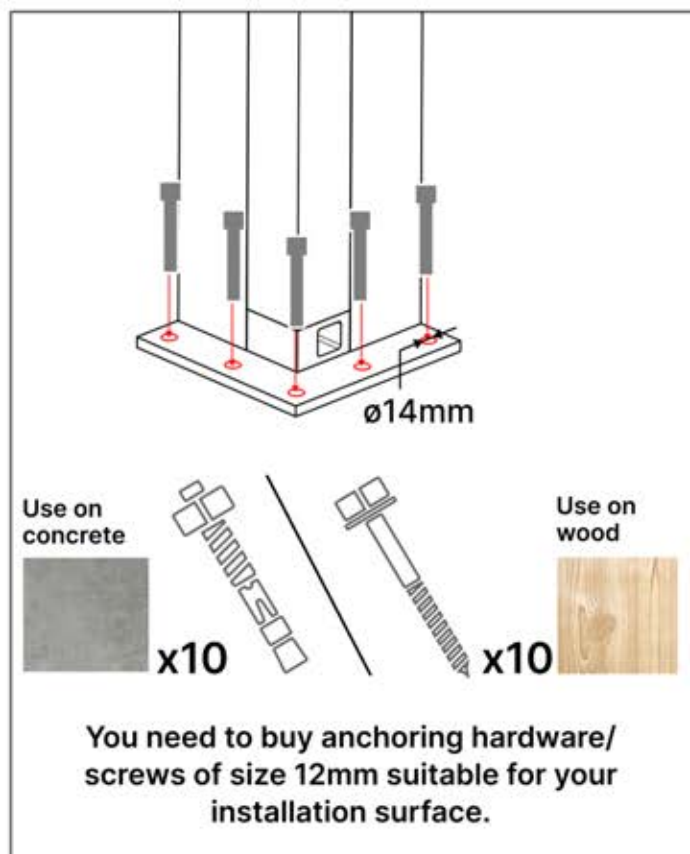


Turn around



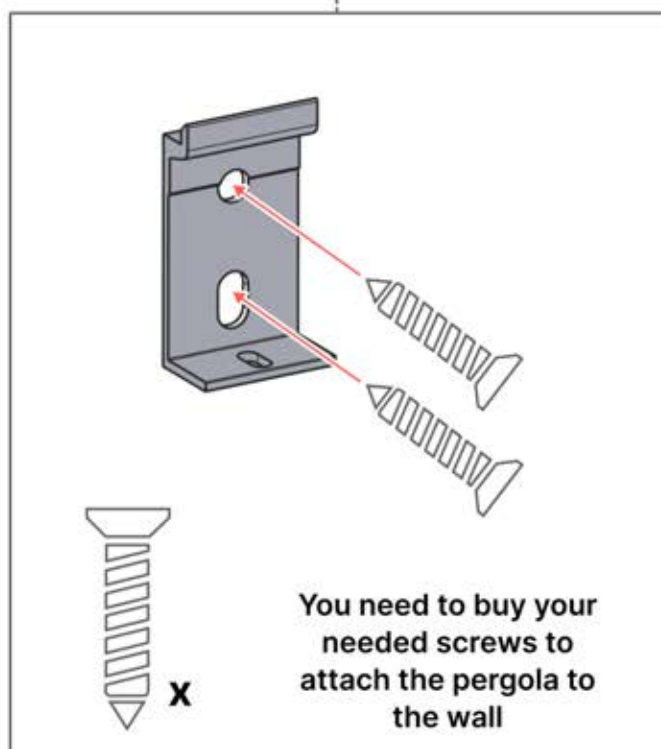
Discard

INFORMATION

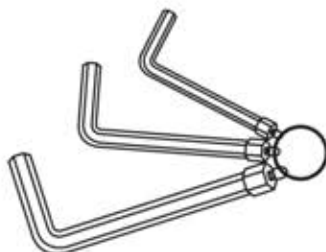
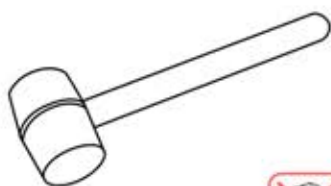


All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

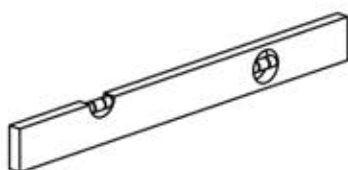
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



TOOLS

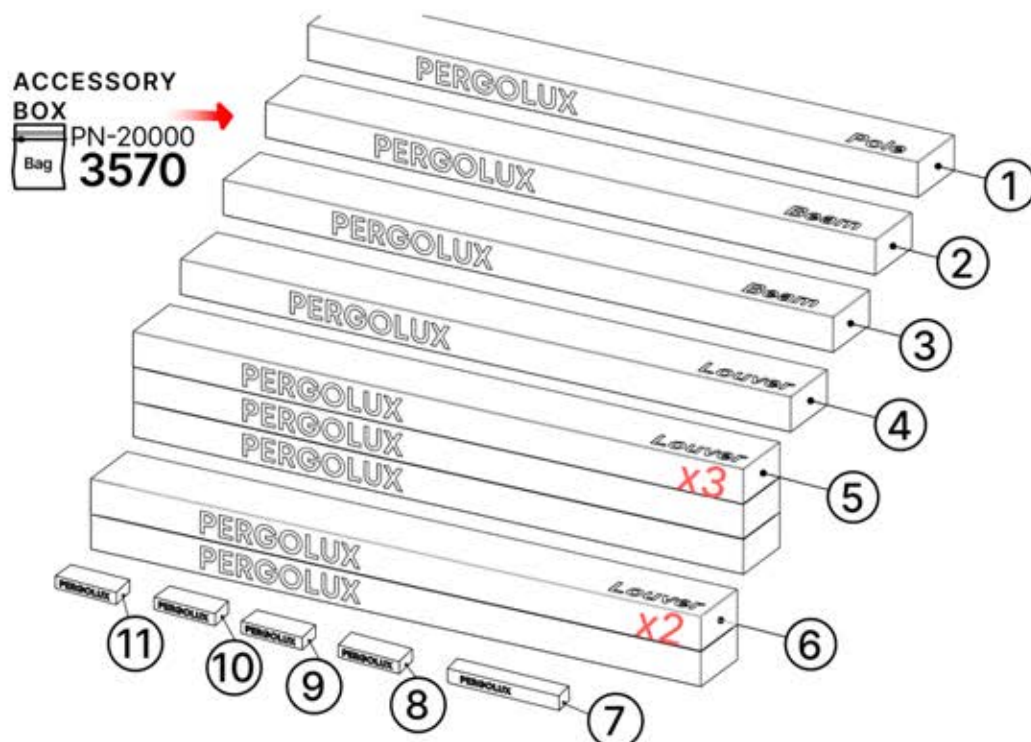


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

PACKAGE OVERVIEW

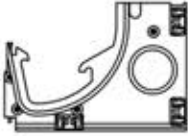
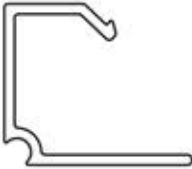


ORDER	ANTHRACITE	WHITE	L 250
①	C126	C127	C128
②	B298	B302	B306
③	B314	B316	B318
④	L270	L274	L272
⑤	L258	L262	L260
⑥	L246	L250	L248
⑦	ELECTRIC MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		
⑪	SCREW KIT PN-200004211		

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	B298	B302 B306
		PN-200003504 1x	
		PN-200003526 1x	
		PN-200002488 2x	
		PN-200002476 1x	
		PN-200002472 1x	

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		B298	B302	B306
2				
				PN-200002494 1x
				PN-200002495 1x
				PN-200002491 2x
				PN-200002505 1x
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		B298	B302	B306
	PN-200000655 4x		PN-200002289 4x	
	PN-200002284 2x		PN-200002368 2x	
  	PN-200002282 4x PN-200000832 2x PN-200002311 2x	 	PN-200002298 2x PN-200002369 2x	
	PN-200000958 4x	 	PN-200002311 40x	
	PN-200003049 8x	 	PN-200003050 8x PN-200003051 8x	

ITEMS IN BOX

PERGOLUX

2

ANTHRACITE

WHITE

BLACK

B298

B302

B306

Zip Bag

PN-20000

3751



PN-200003500

1x



PN-200002321

1x



PN-200002325

1x



PN-200002341

3x



PN-200002326

1x



PN-200002355

1x



PN-200002328

2x



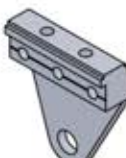
PN-200002324

1x



PN-200002330

1x



PN-200002340

1x



PN-200000832

4x



PN-200002134

2x



PN-200002333

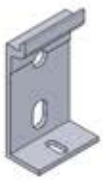
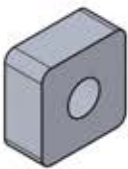
1x



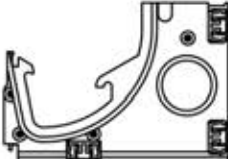
PN-200002327

1x

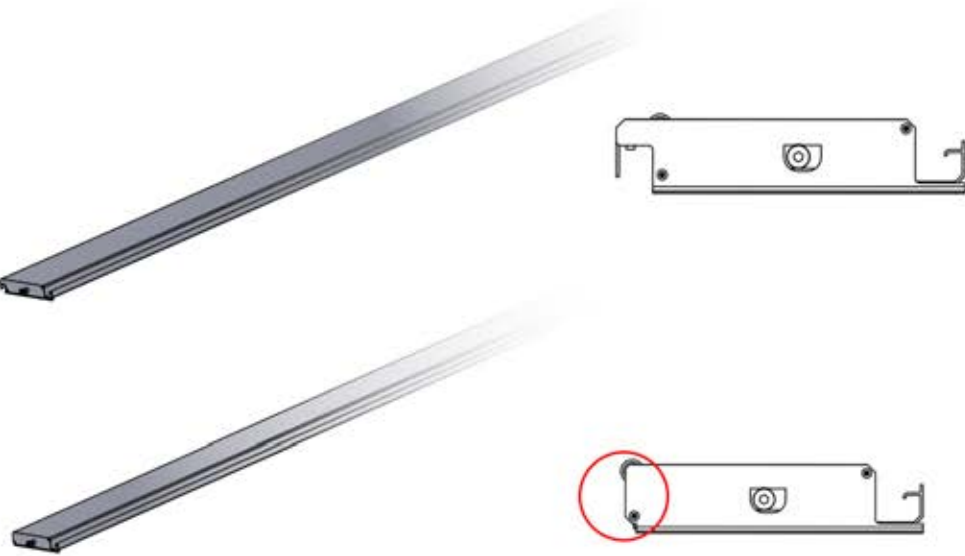
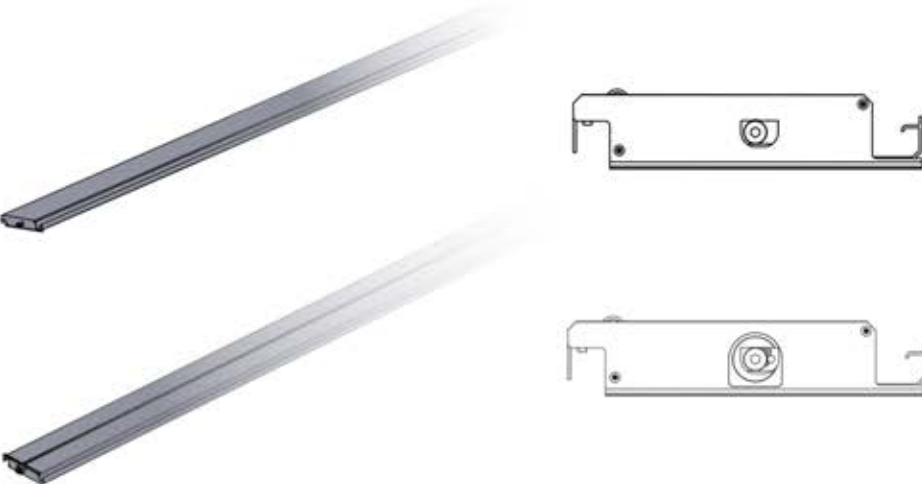
ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
2		B298	B302	B306
 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		

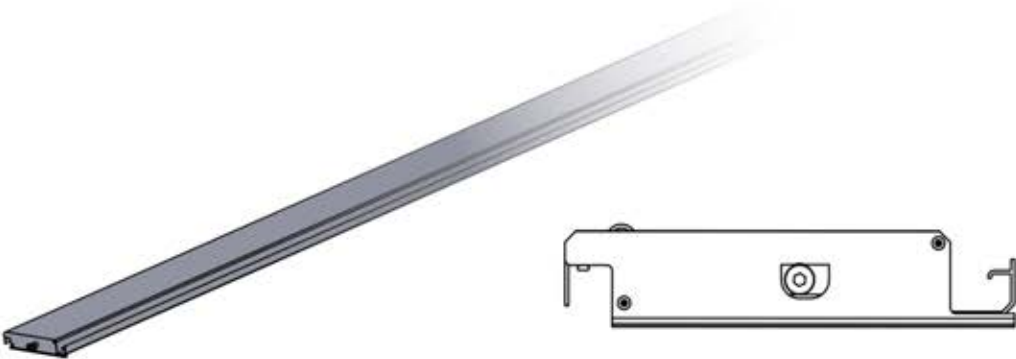
ITEMS IN BOX

		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 = (LED) PN-200002365 6x		

ITEMS IN BOX



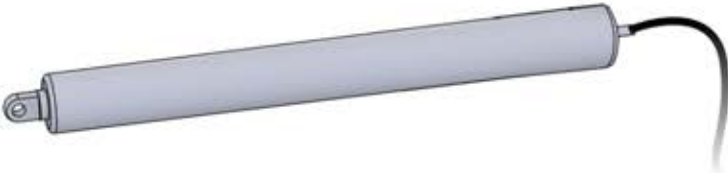
	ANTHRACITE	WHITE	BLACK
6	L246	L250	L248



Standard = **S**
PN-200002367
8x



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

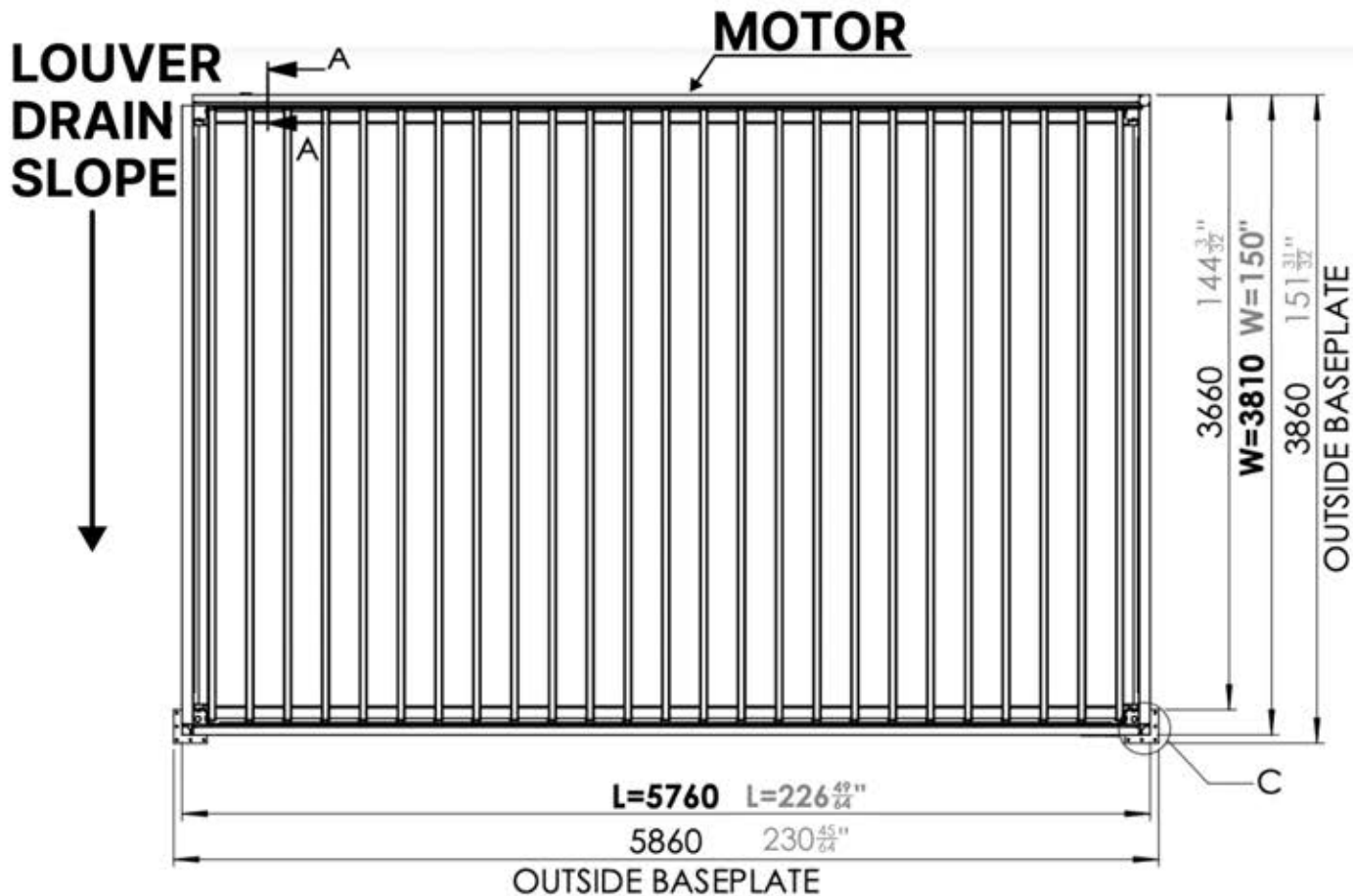
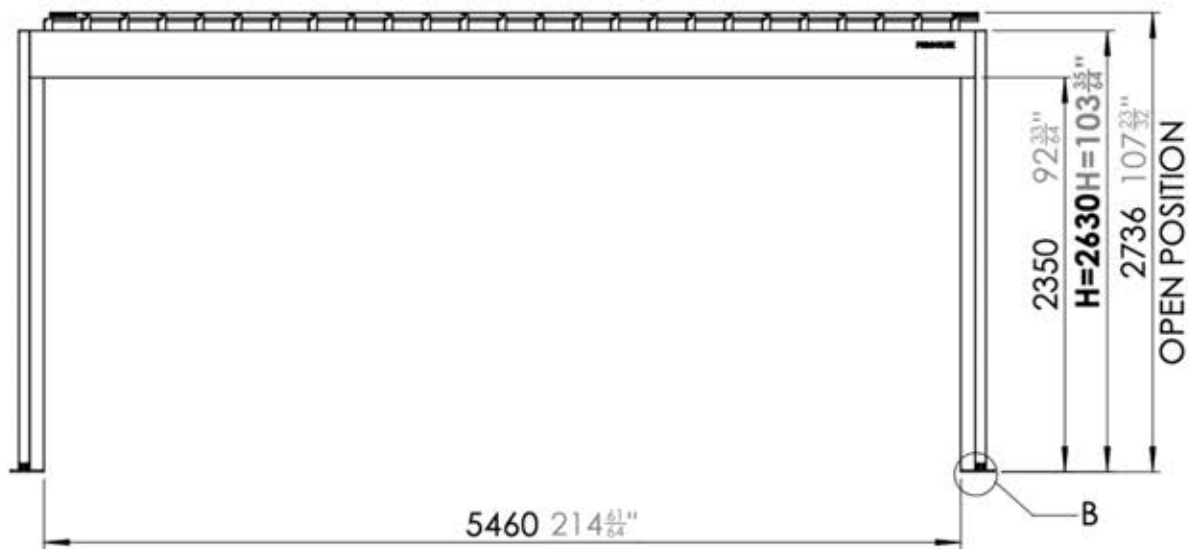


CONTROL BOX

[View Manual](#)



4 × 6 M / 13' x 19'



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.

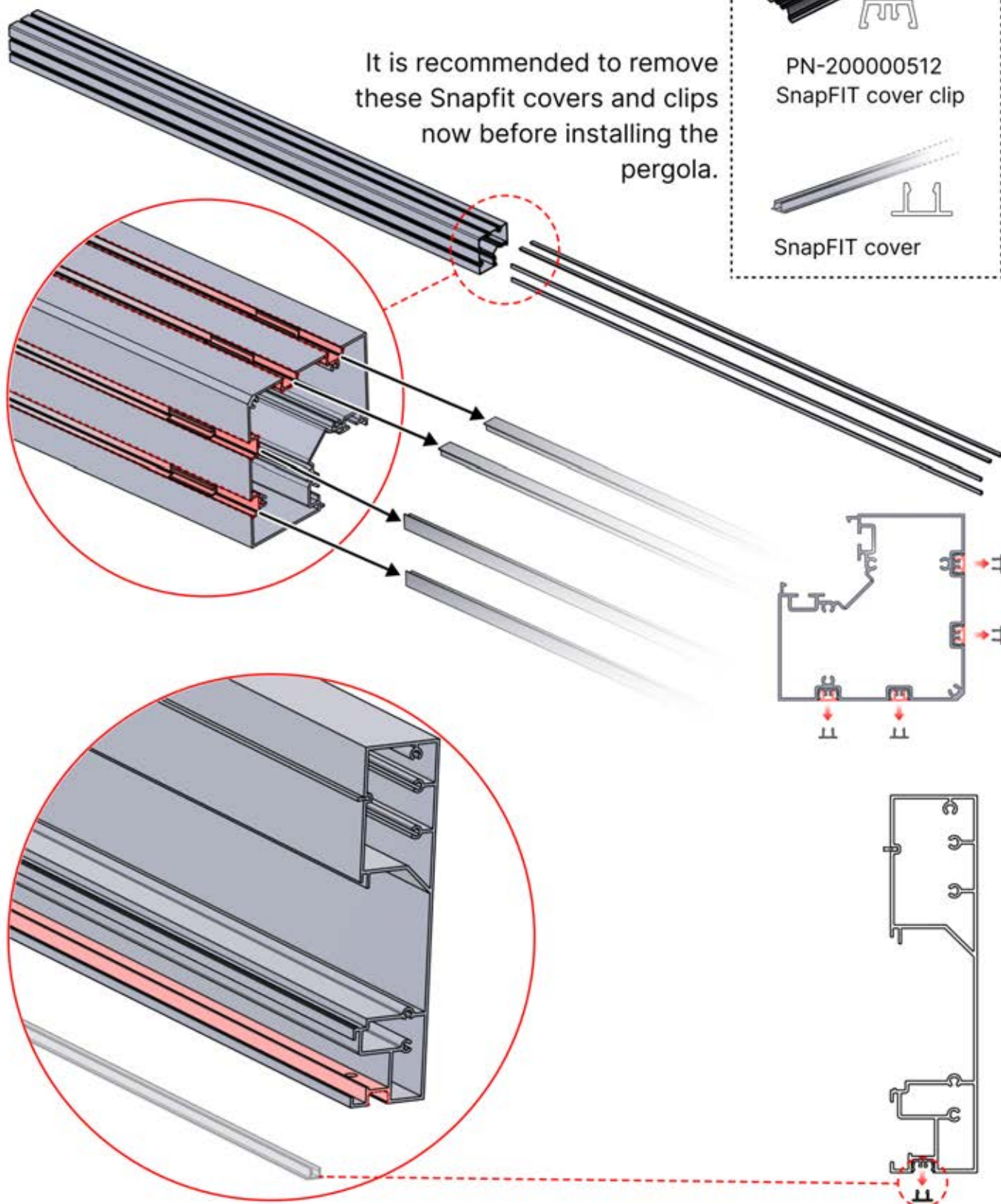
Cover and clips



PN-200000512
SnapFIT cover clip



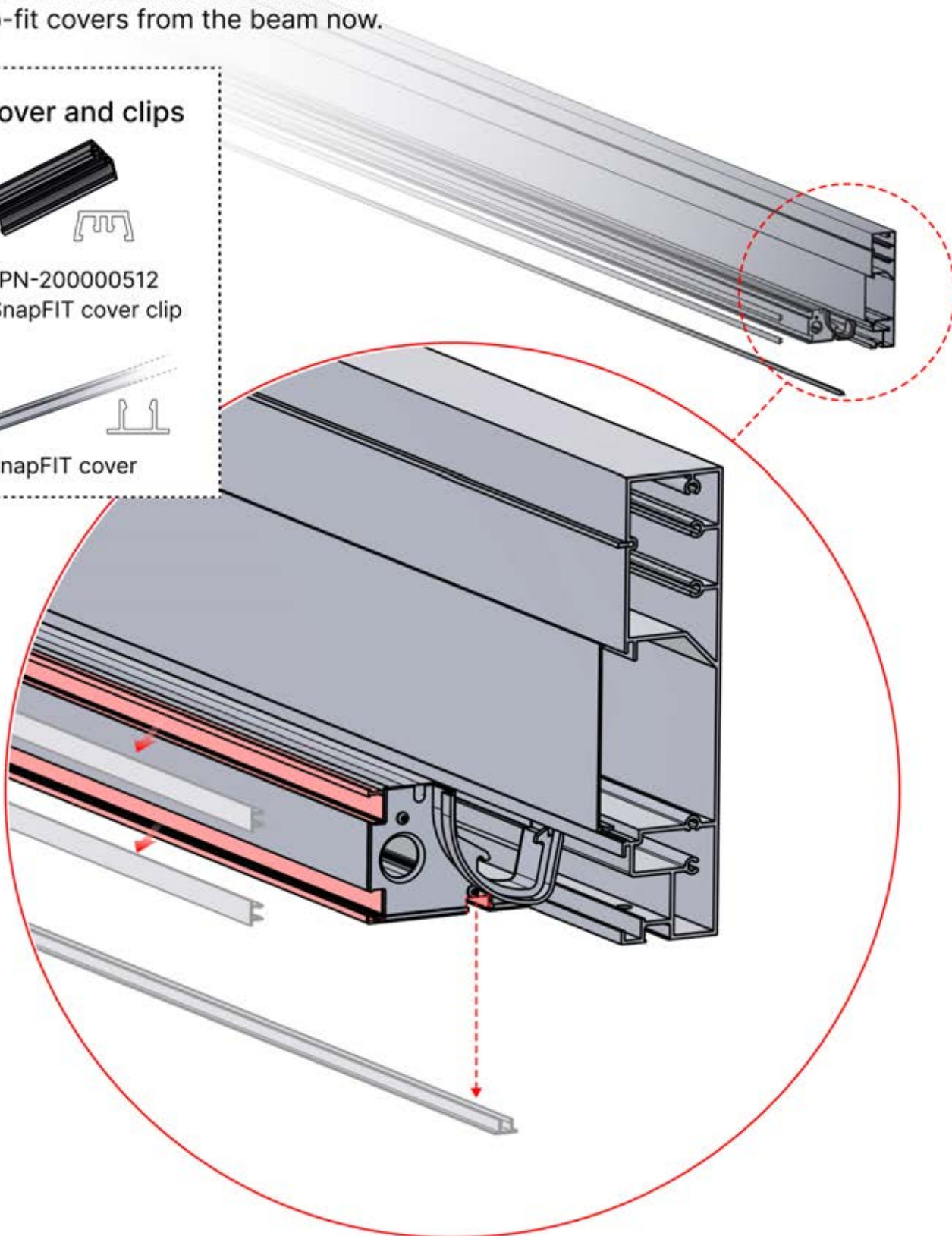
SnapFIT cover



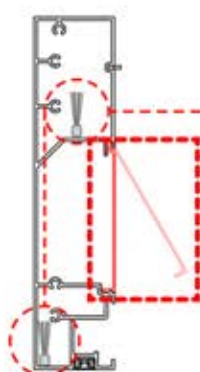
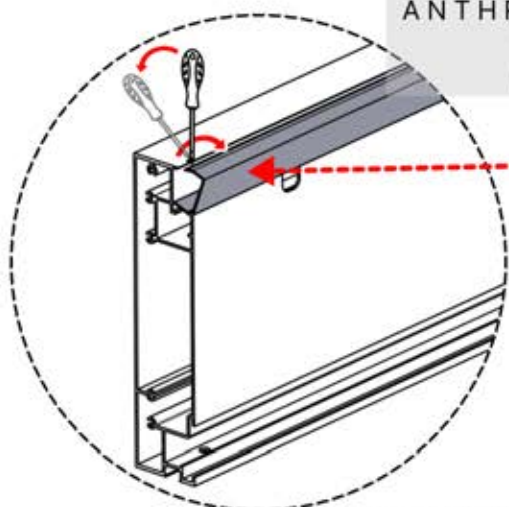
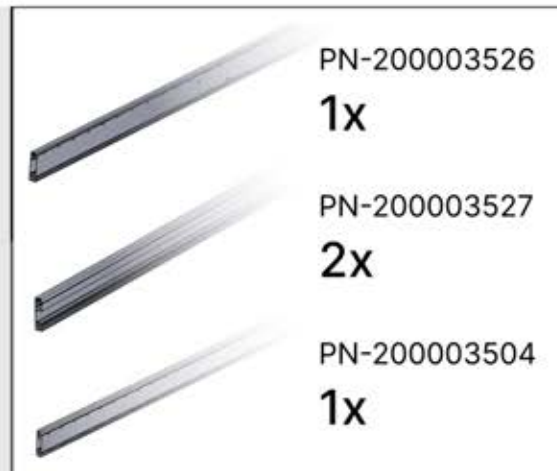
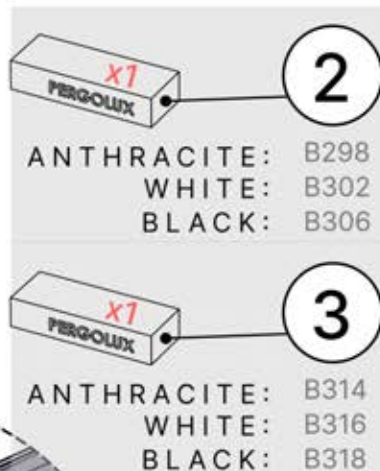
INFORMATION

Are you installing a heater or fan ?

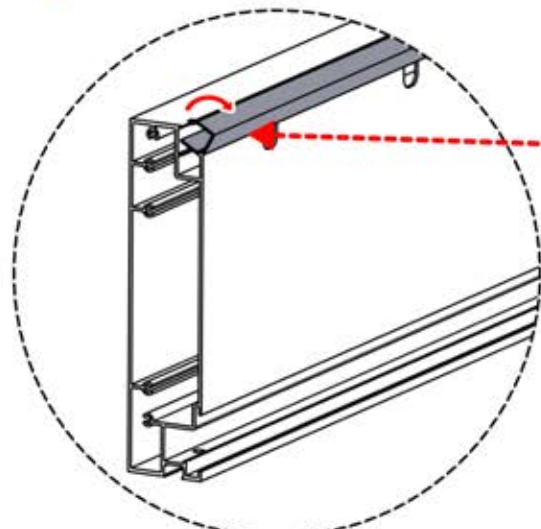
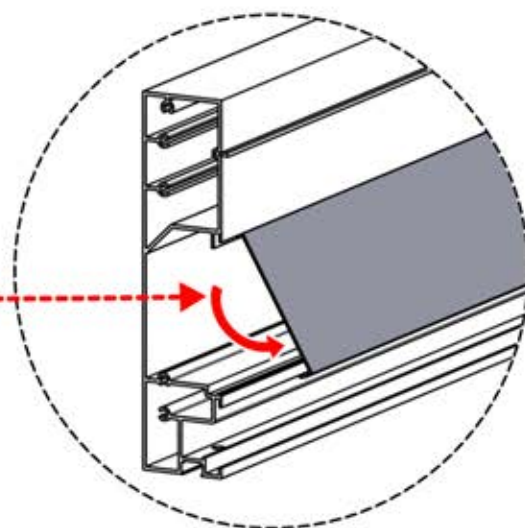
It is recommended to remove both snap-fit covers from the beam now.



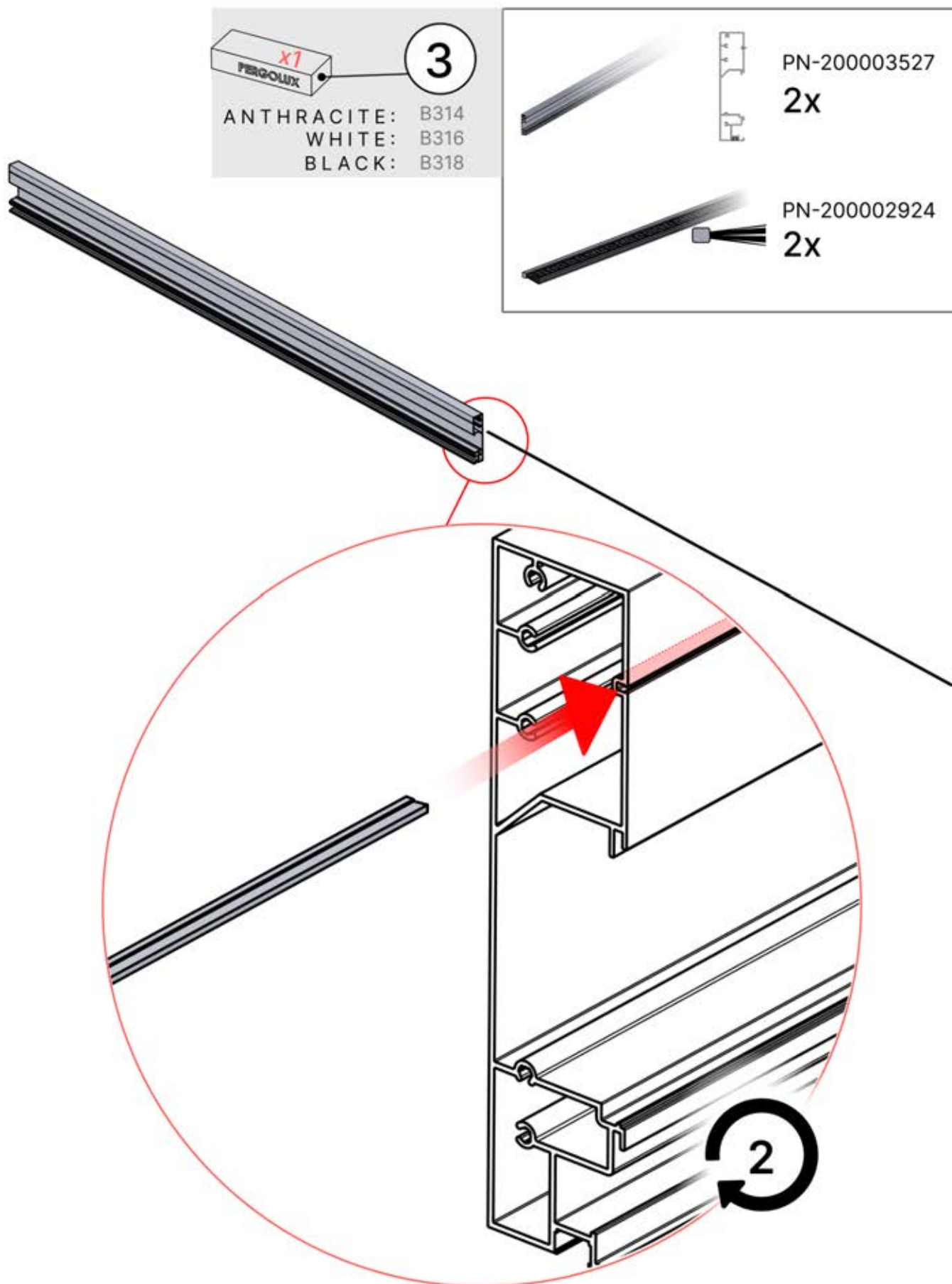
INFORMATION



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



INFORMATION



01



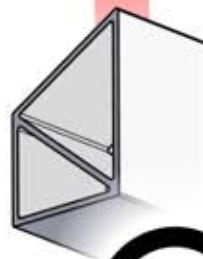
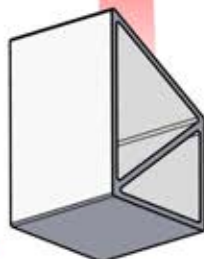
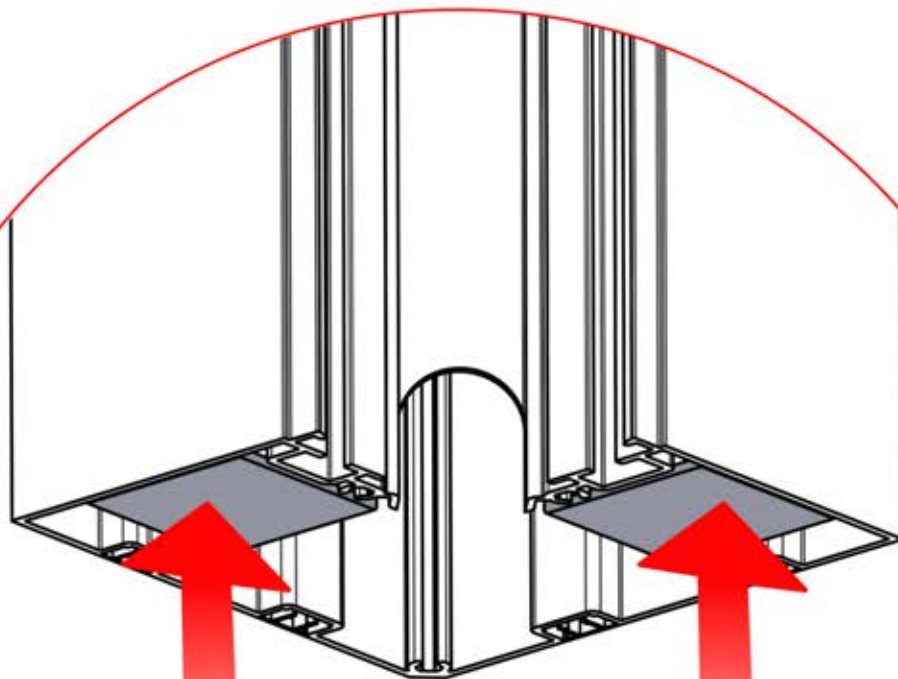
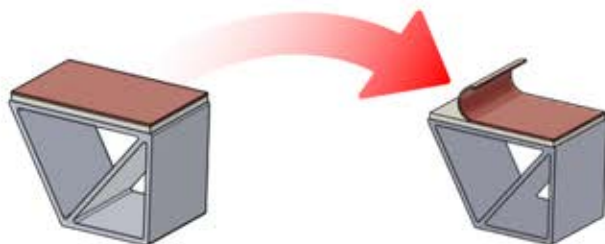
2

ANTHRACITE: B298
WHITE: B302
BLACK: B306



PN-200002286

4x



2



02

**1**

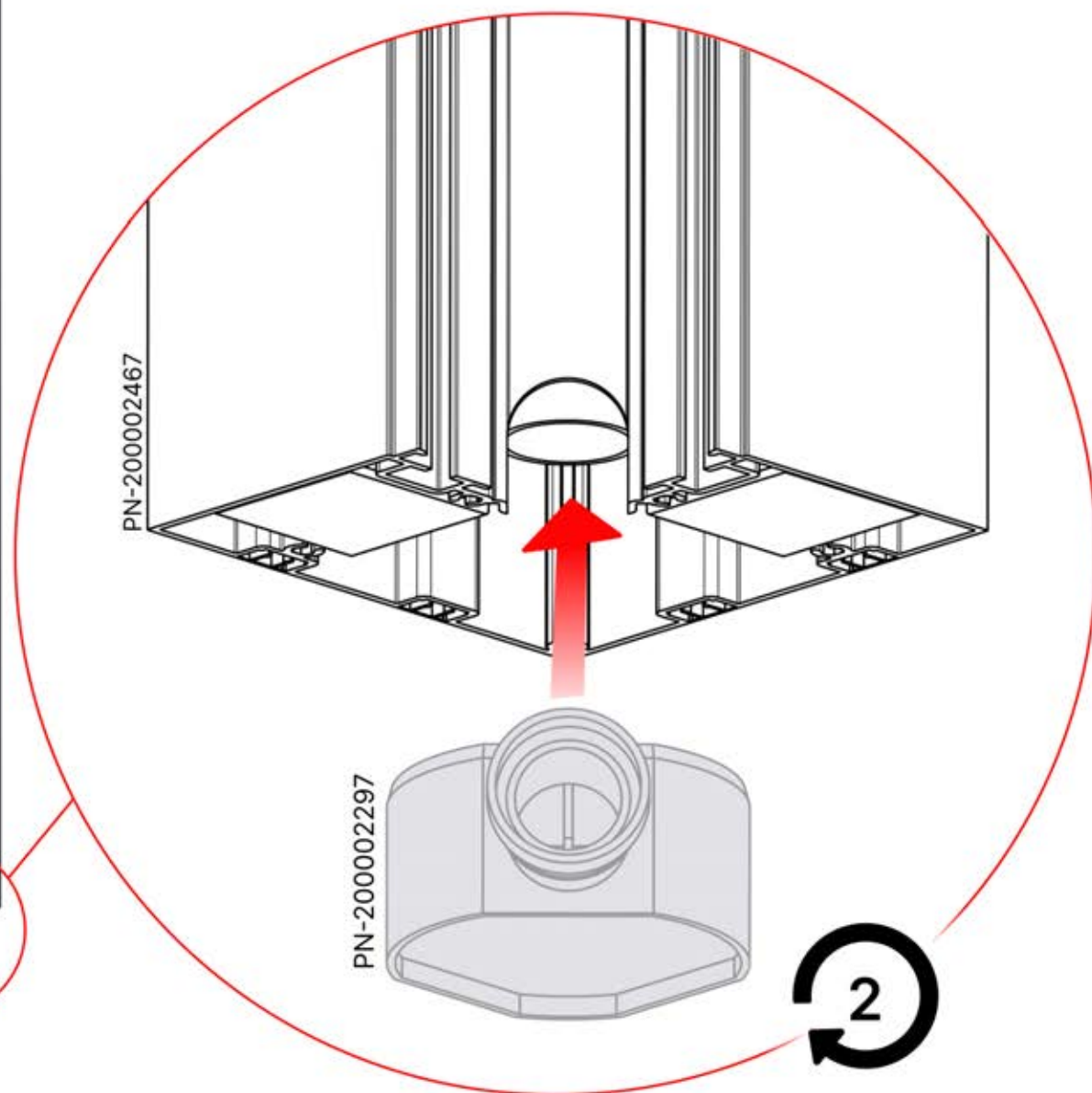
ANTHRACITE: C126
WHITE: C127
BLACK: C128

**2**

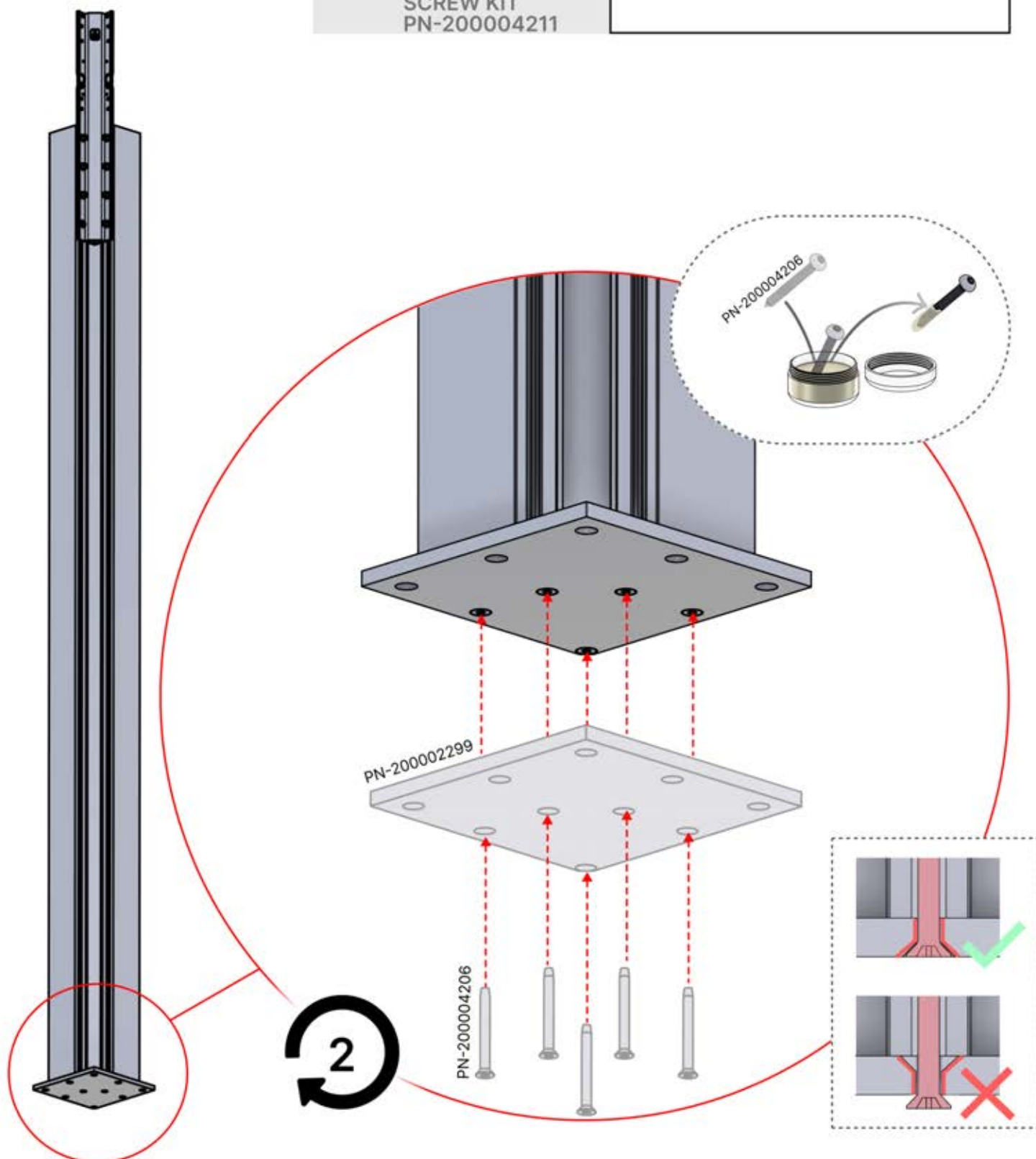
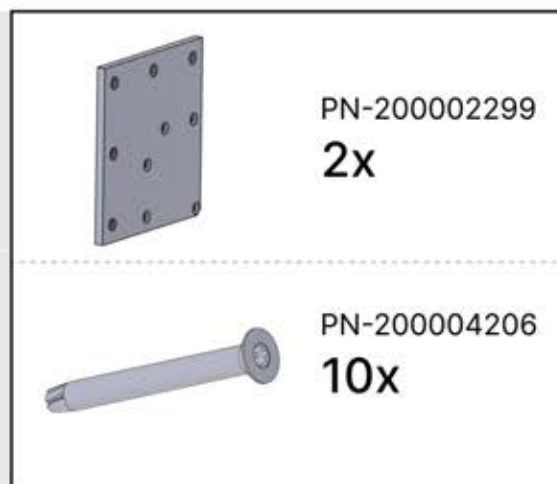
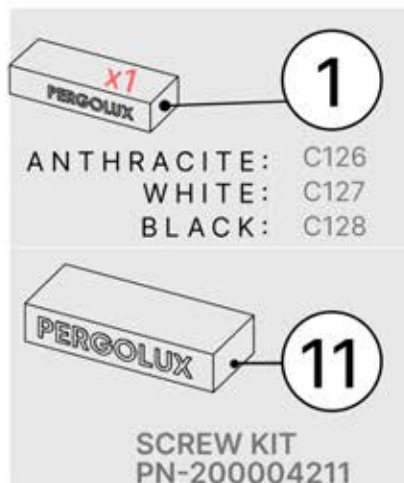
ANTHRACITE: B298
WHITE: B302
BLACK: B306

**PN-200002467**
2x

**PN-200002297**
2x
PN-200003768 



03

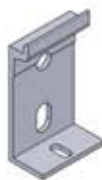


04



2

ANTHRACITE: B298
WHITE: B302
BLACK: B306



PN-200002373

5x

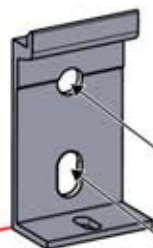
PN-20000
3752



x10



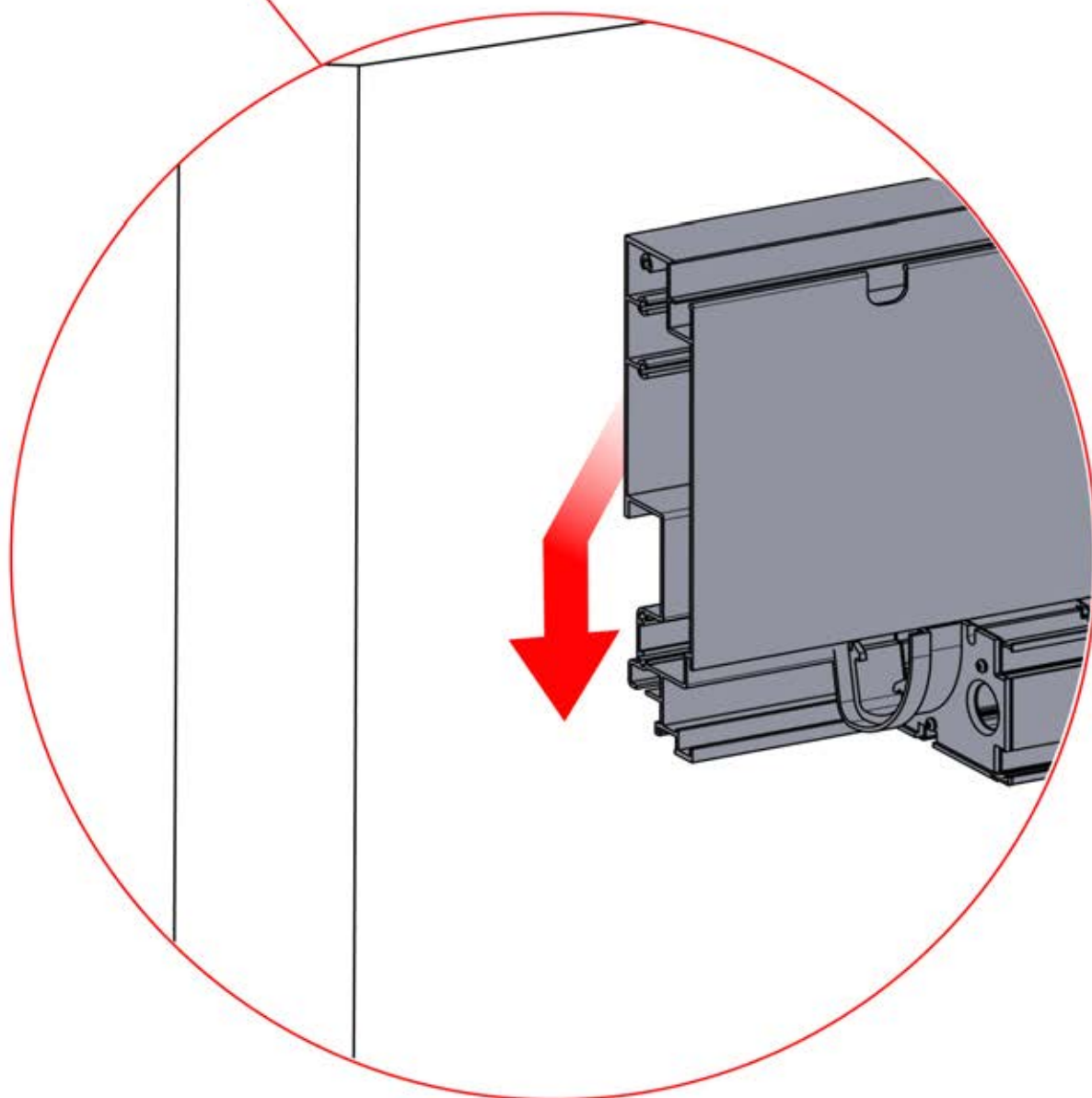
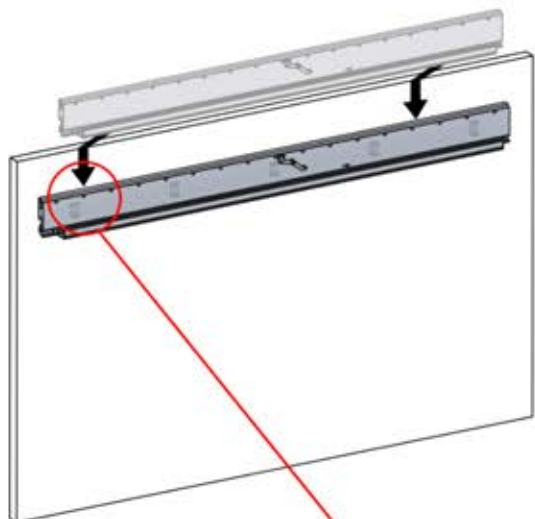
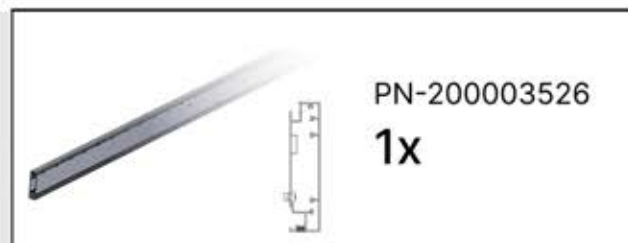
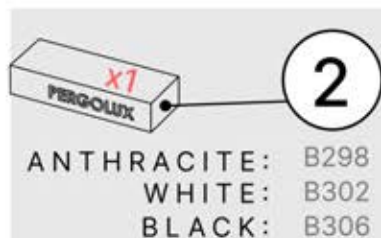
Install the first and last wall mount brackets (PN-PN-200002373) 5400 mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.



2371 mm
93 3/8"



05

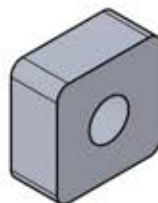


06



2

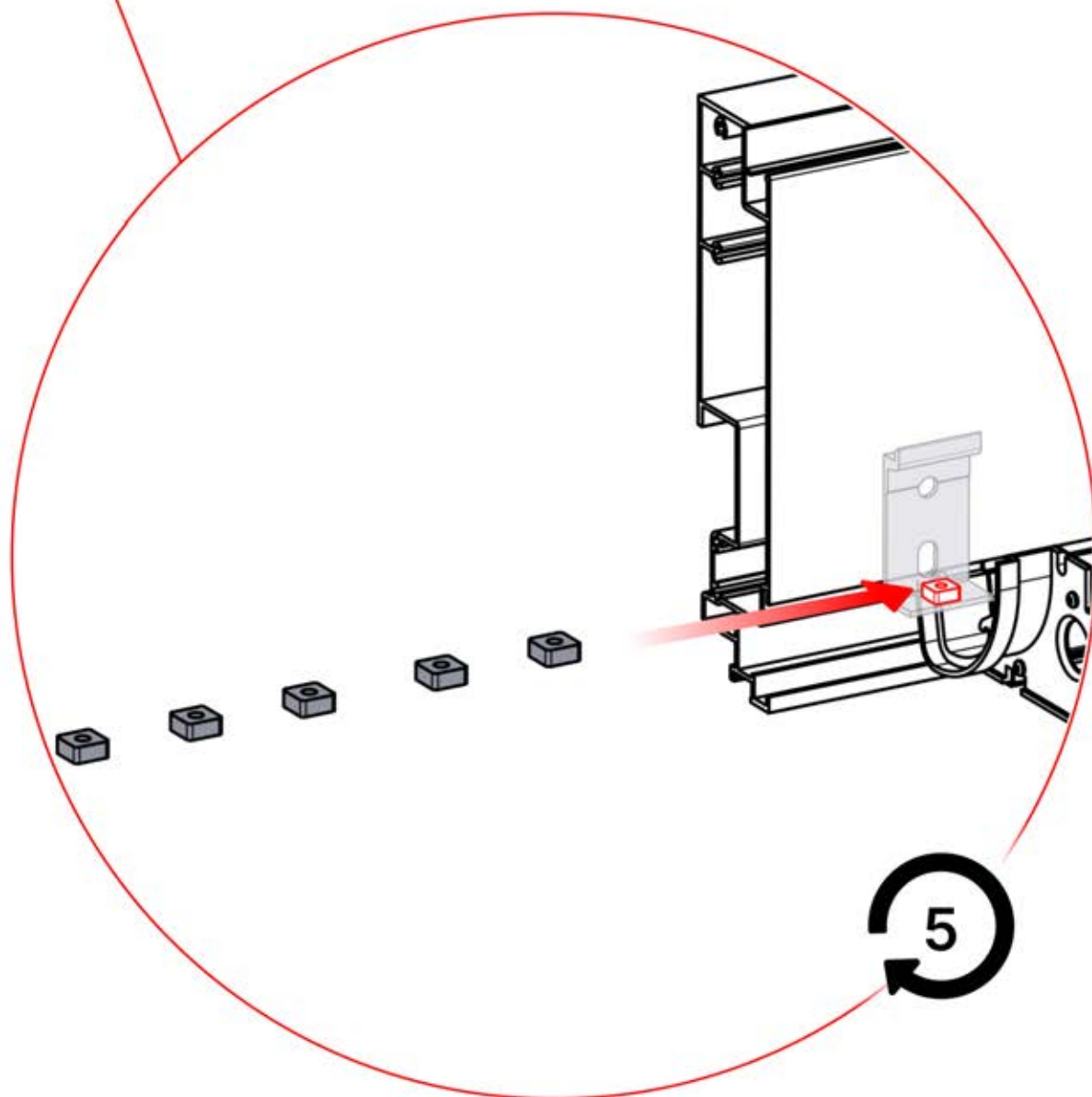
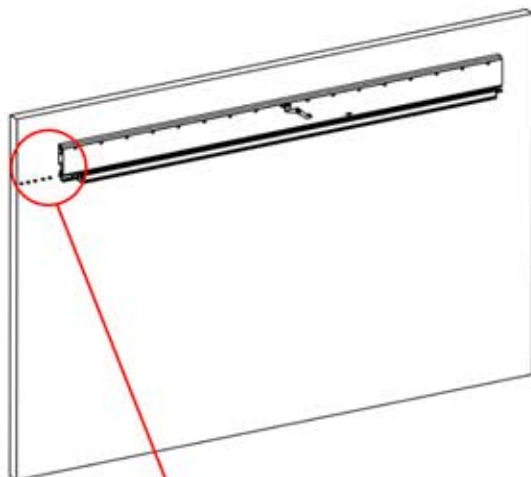
ANTHRACITE: B298
WHITE: B302
BLACK: B306



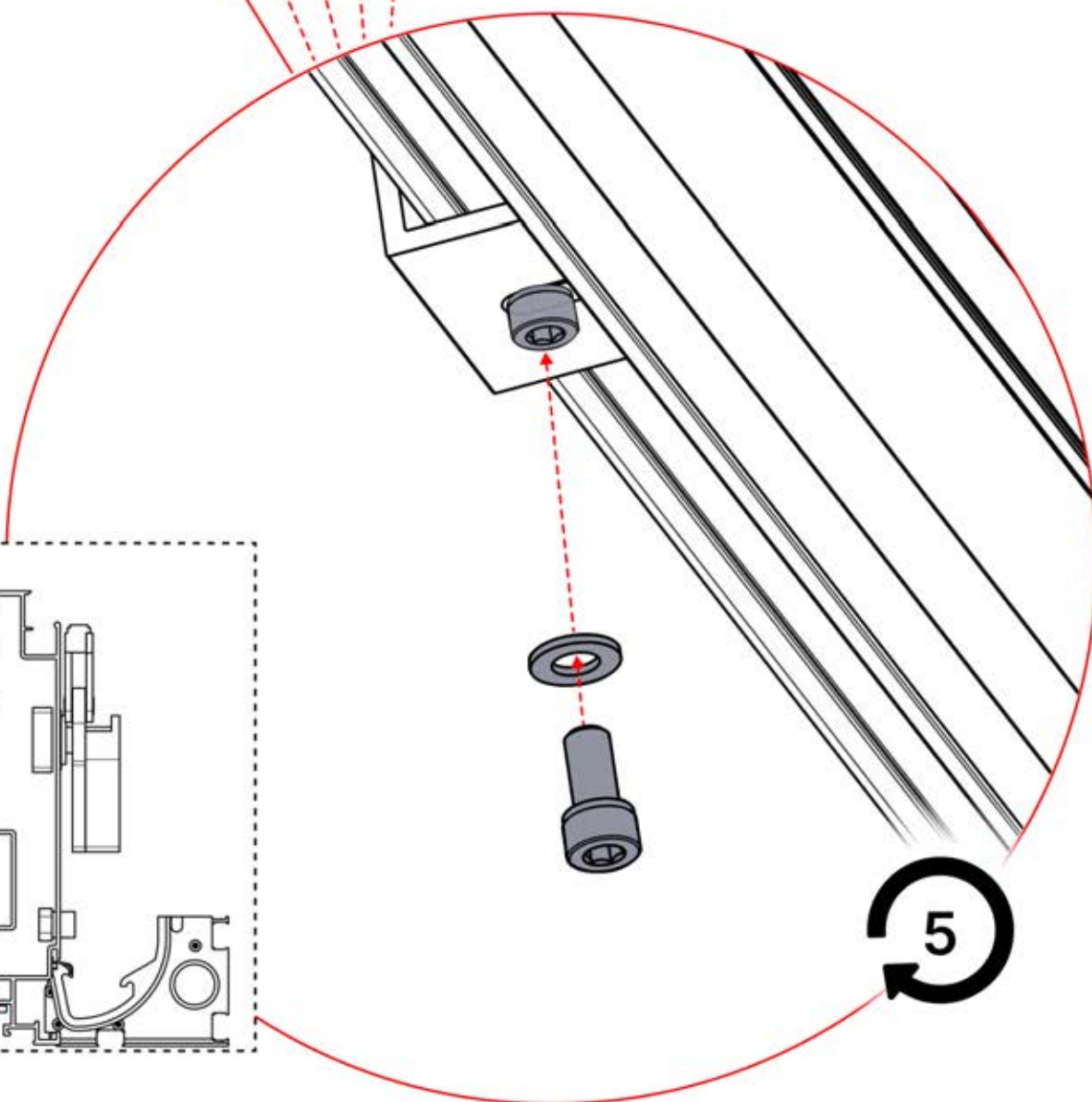
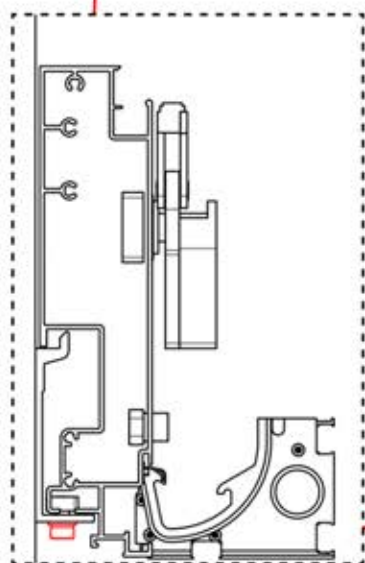
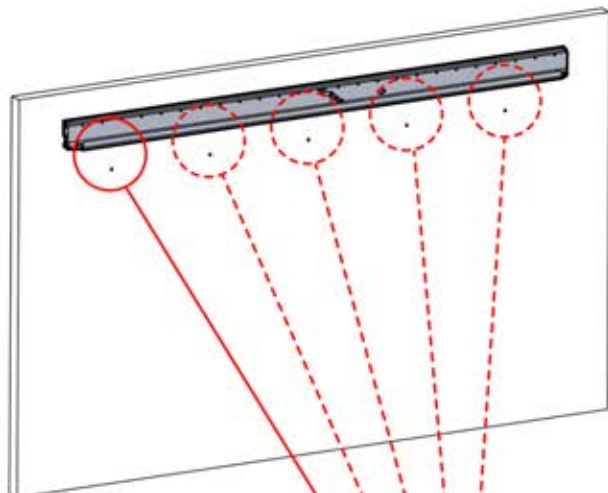
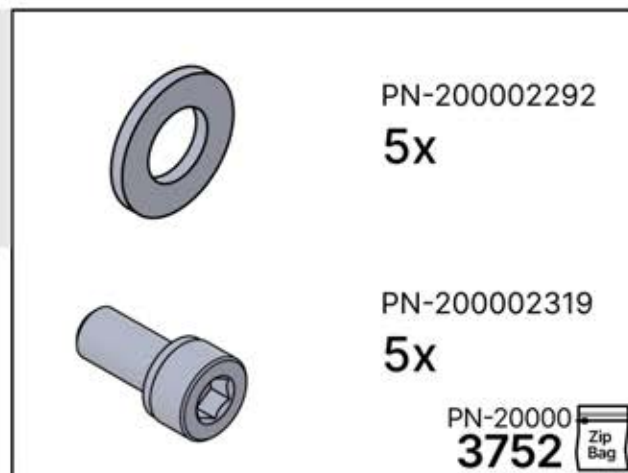
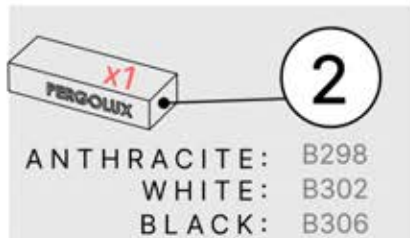
PN-200002290

5x

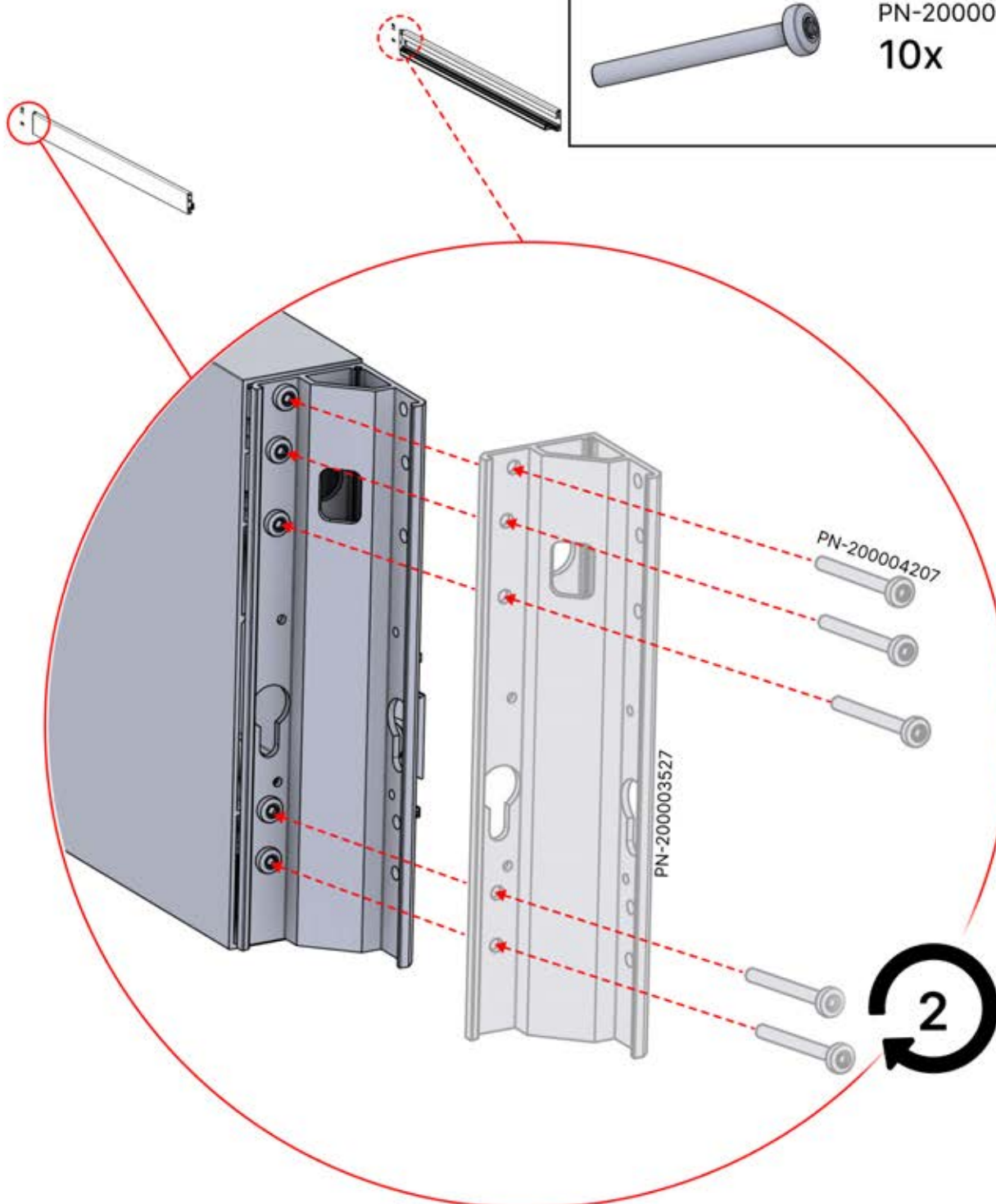
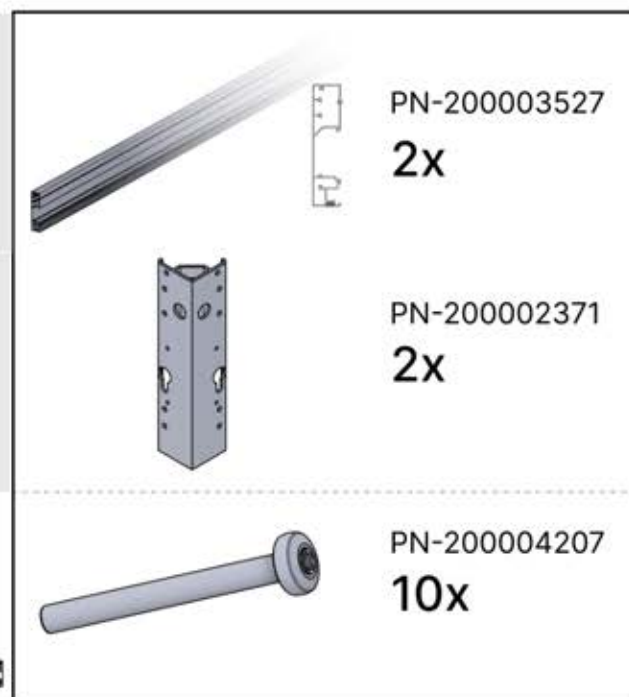
PN-20000
3752



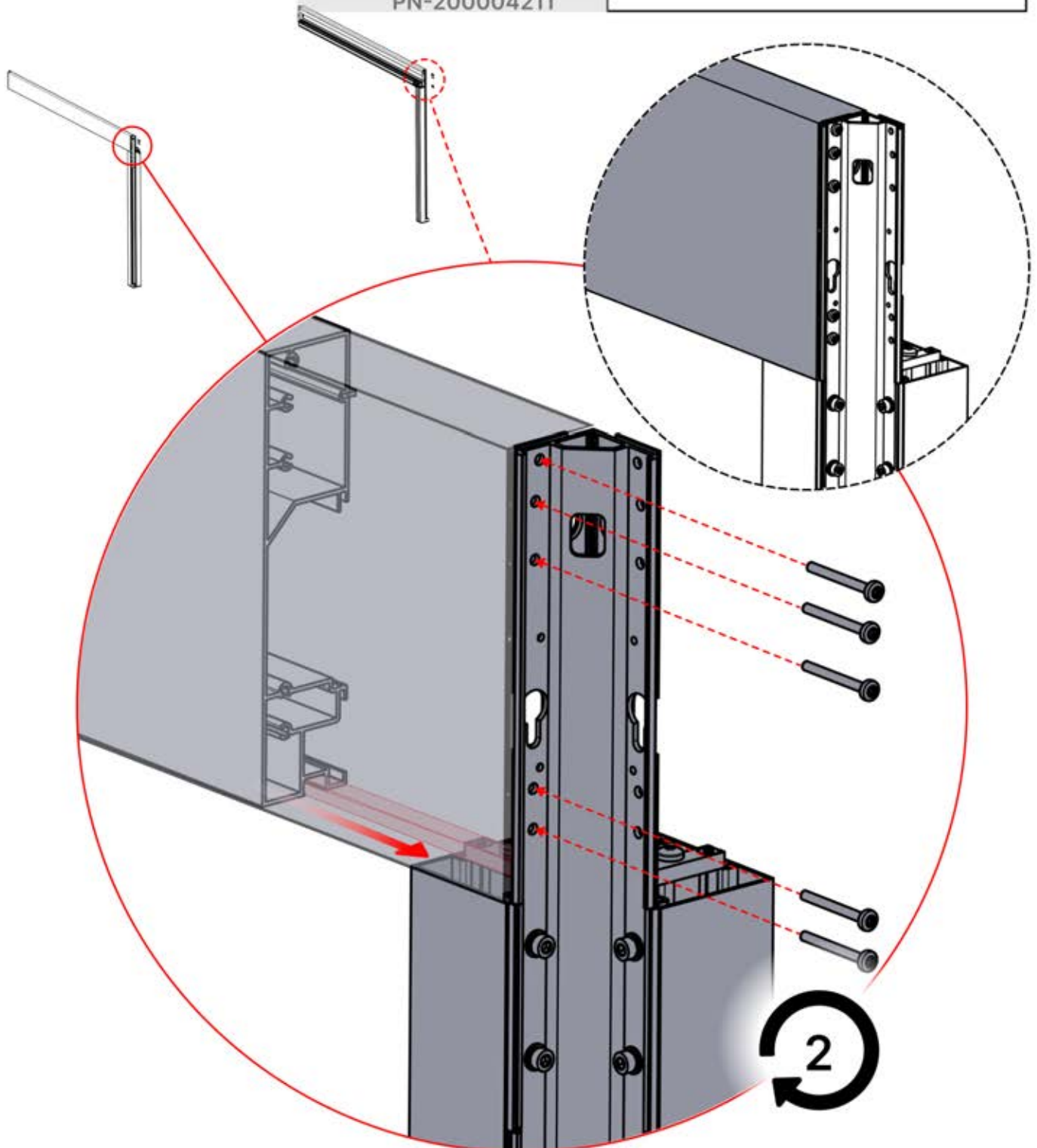
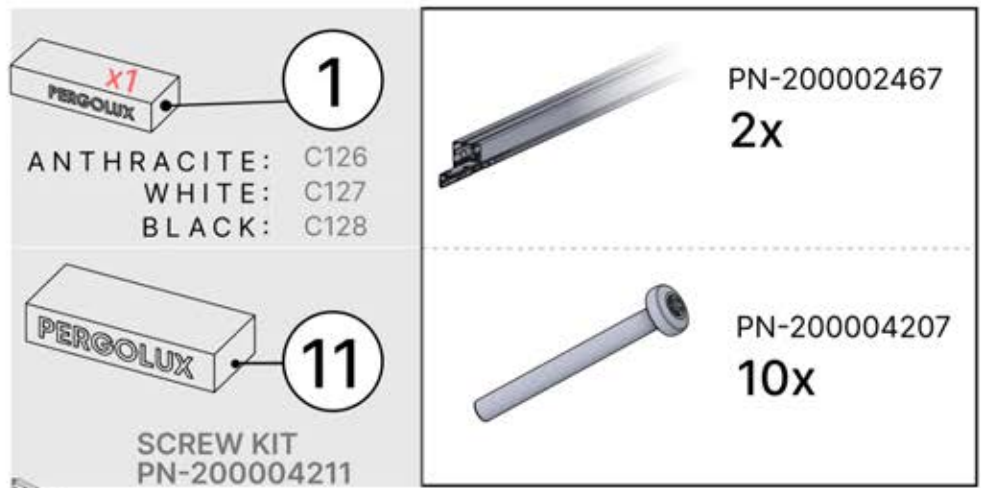
07



08



09



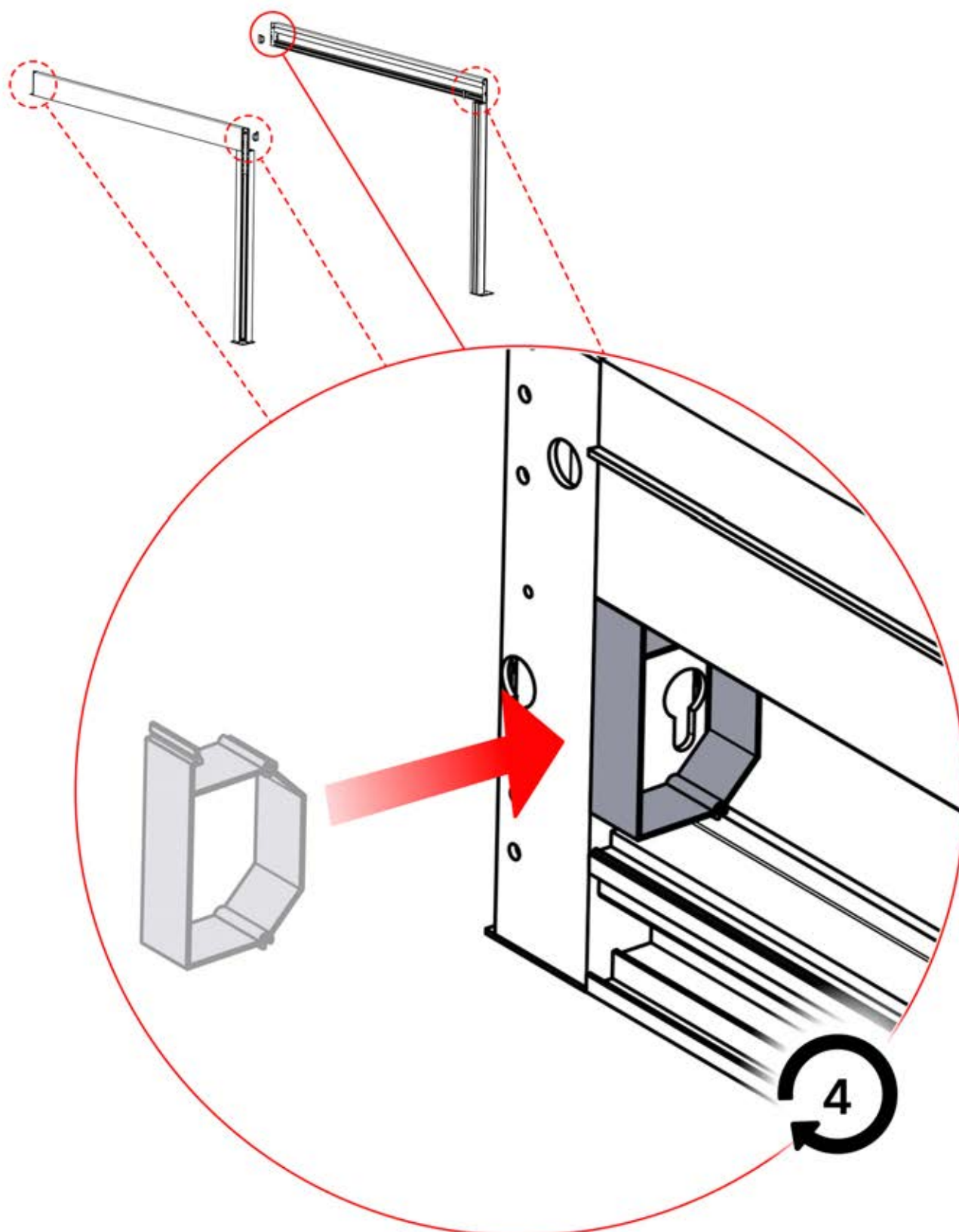
10

 **2**

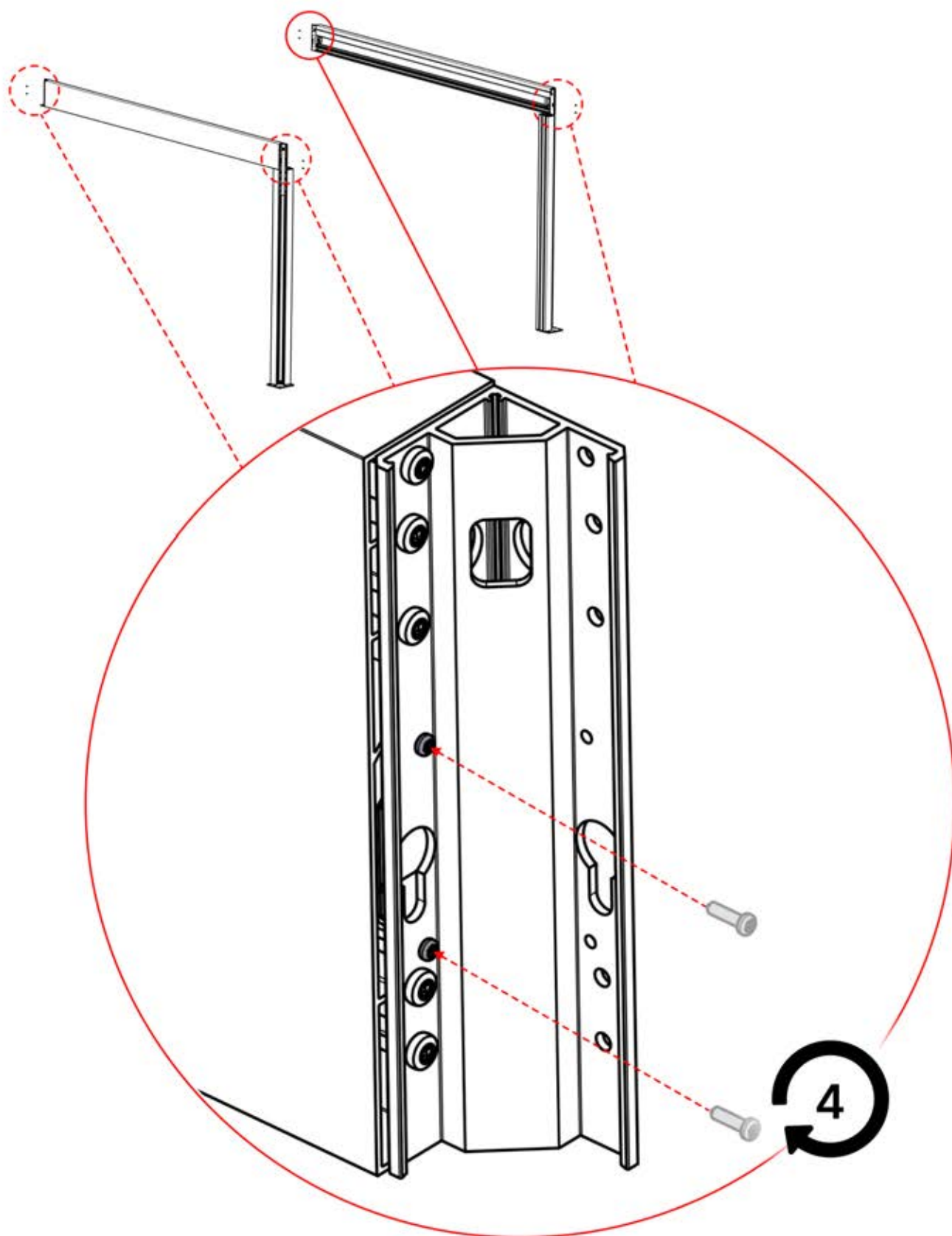
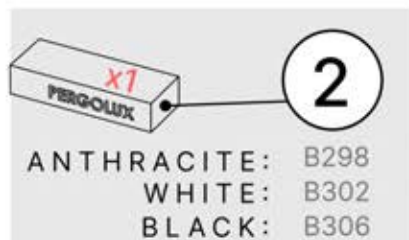
ANTHRACITE: B298
WHITE: B302
BLACK: B306



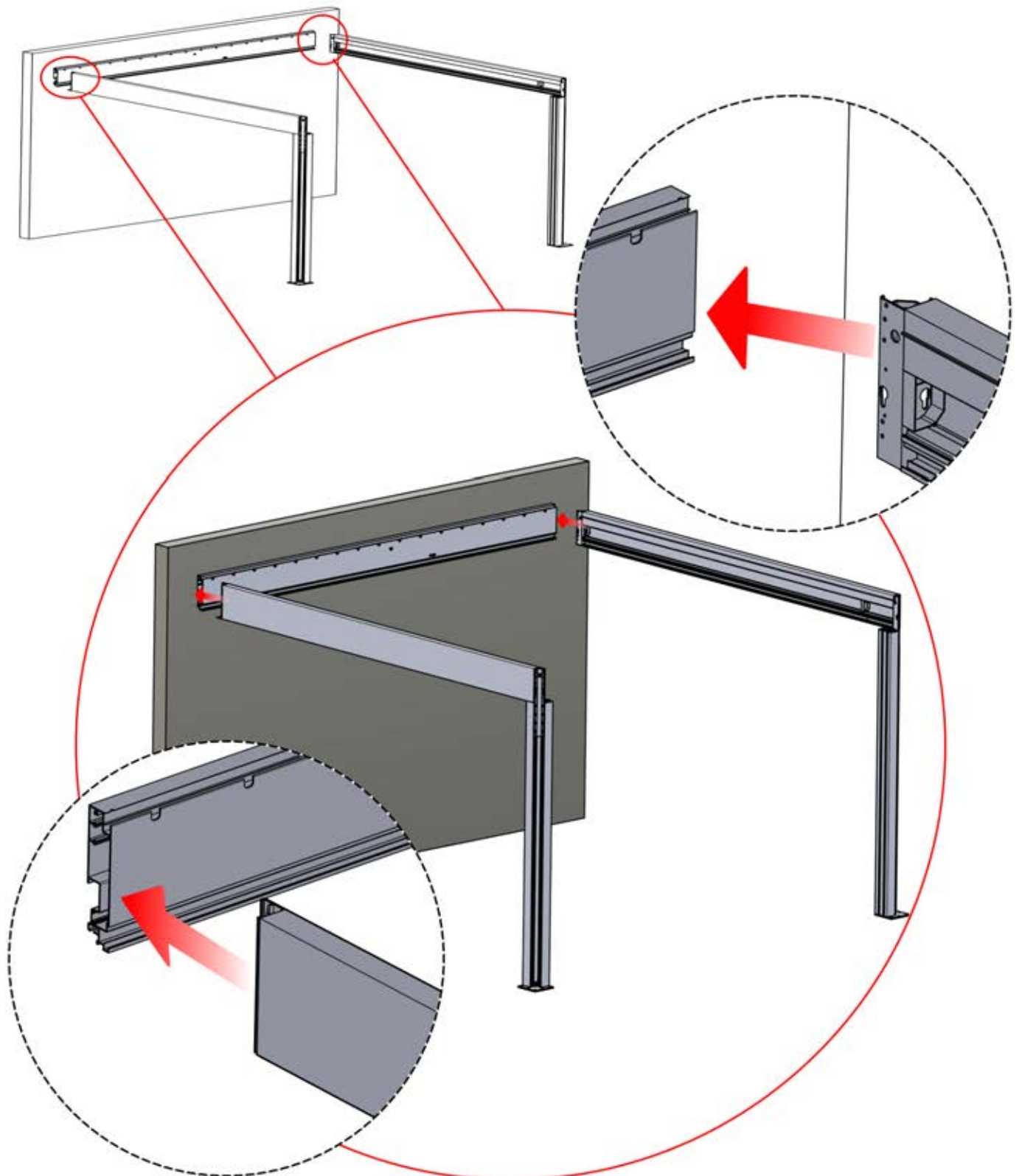
PN-200002329
4x
PN-20000
3497 



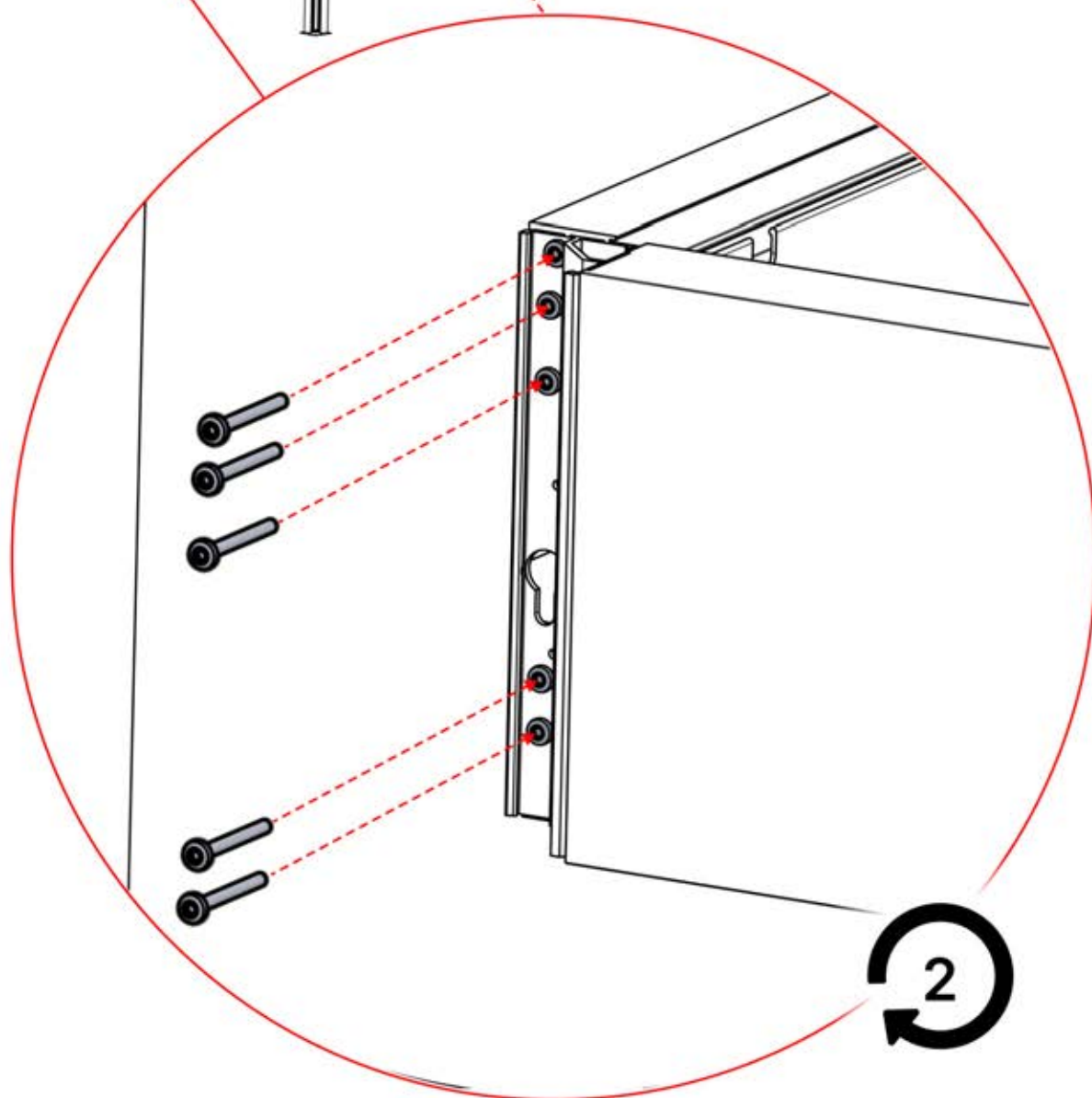
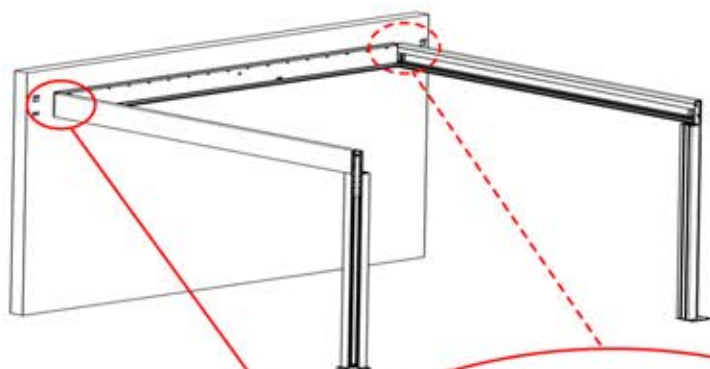
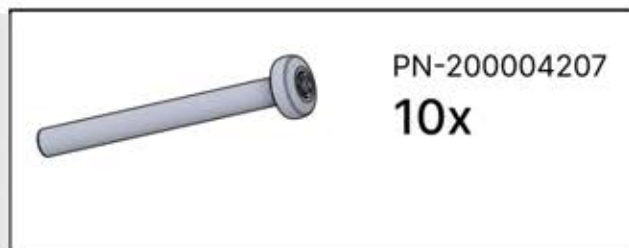
11



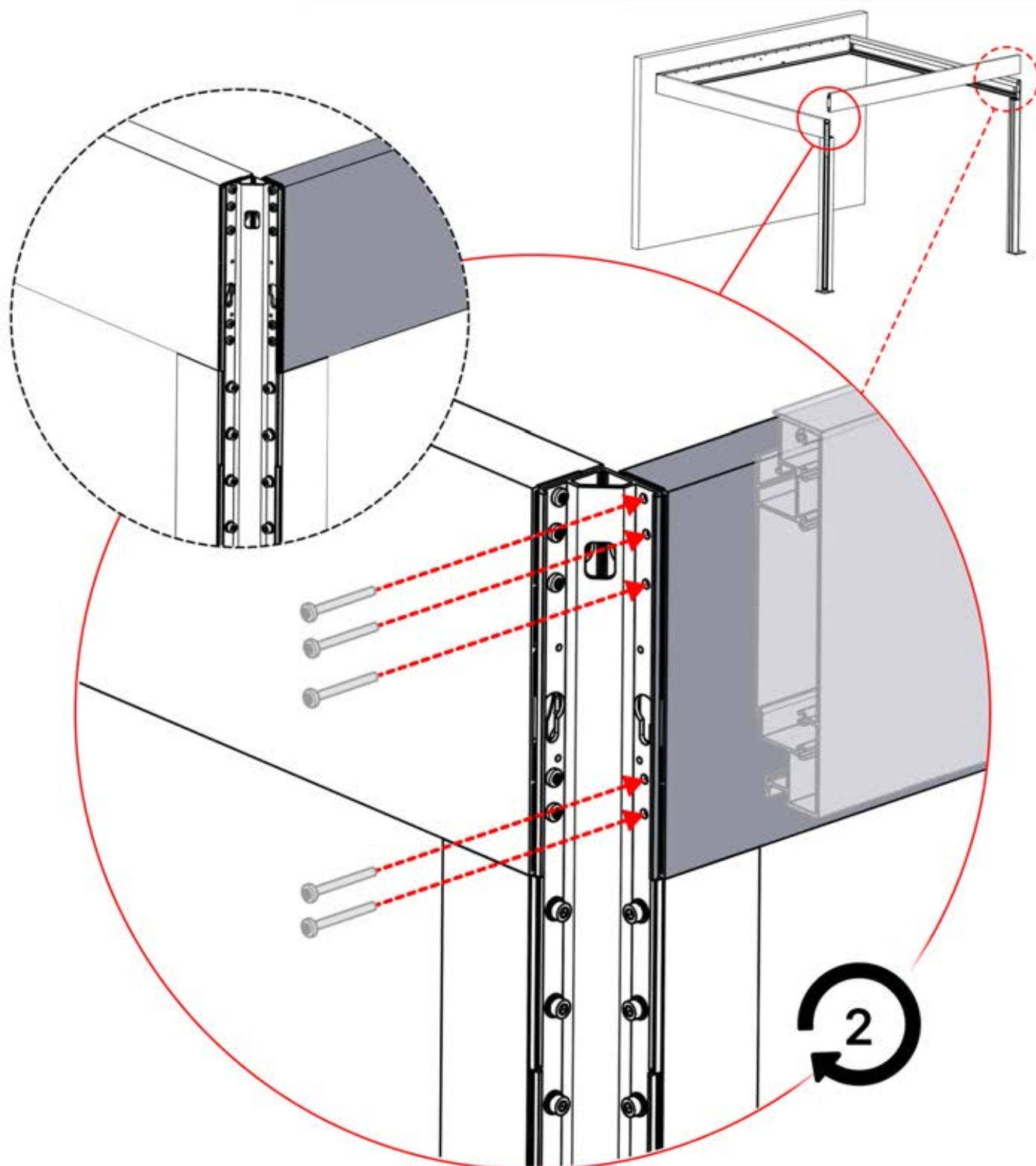
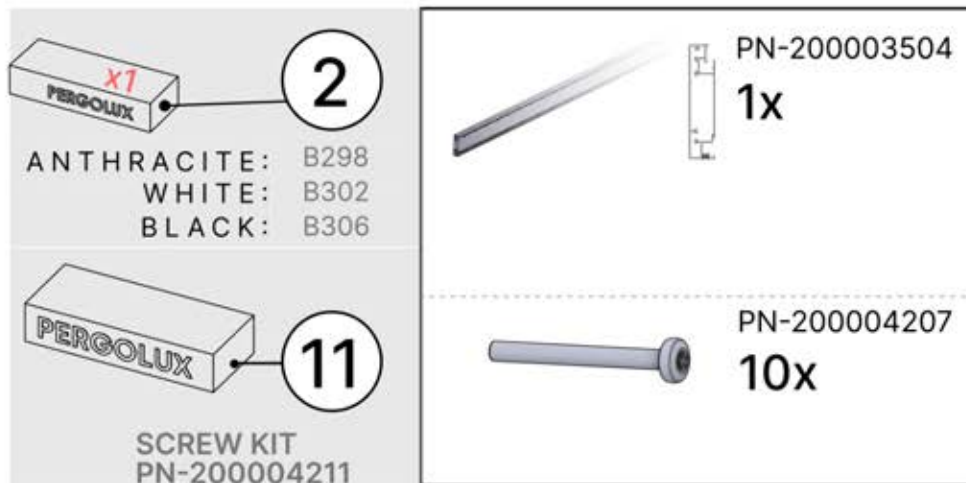
12



13



14

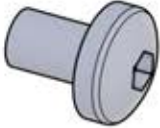


15

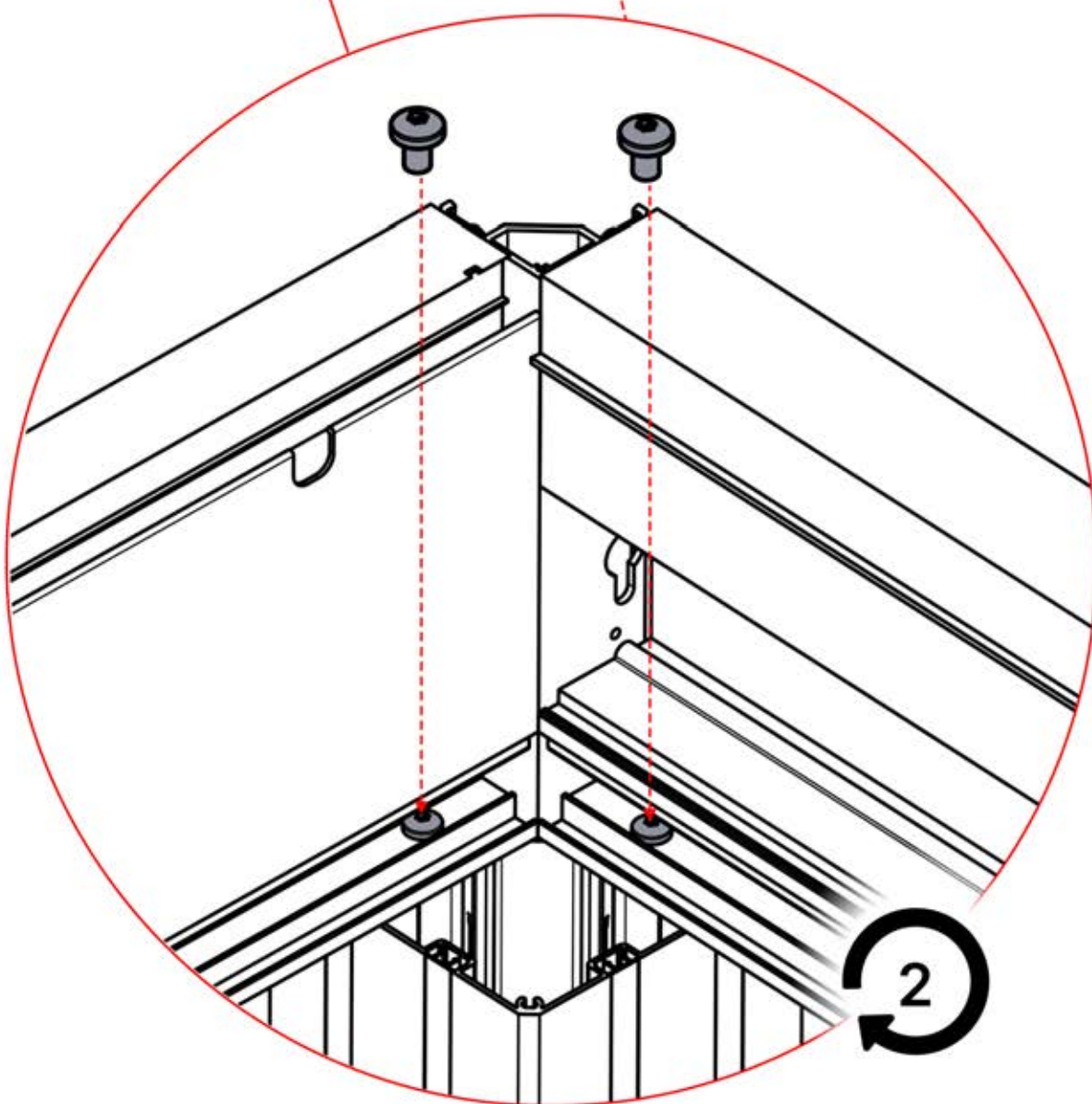
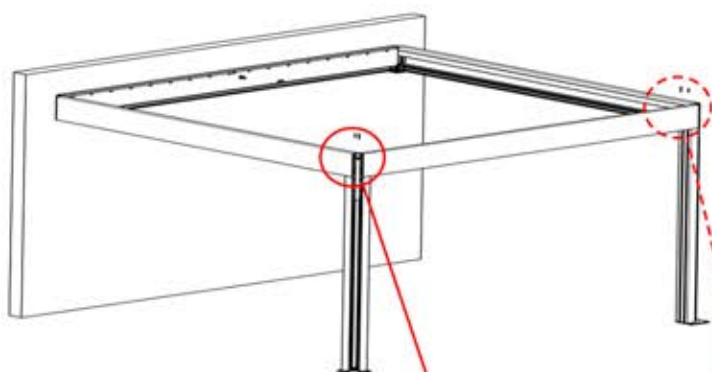


2

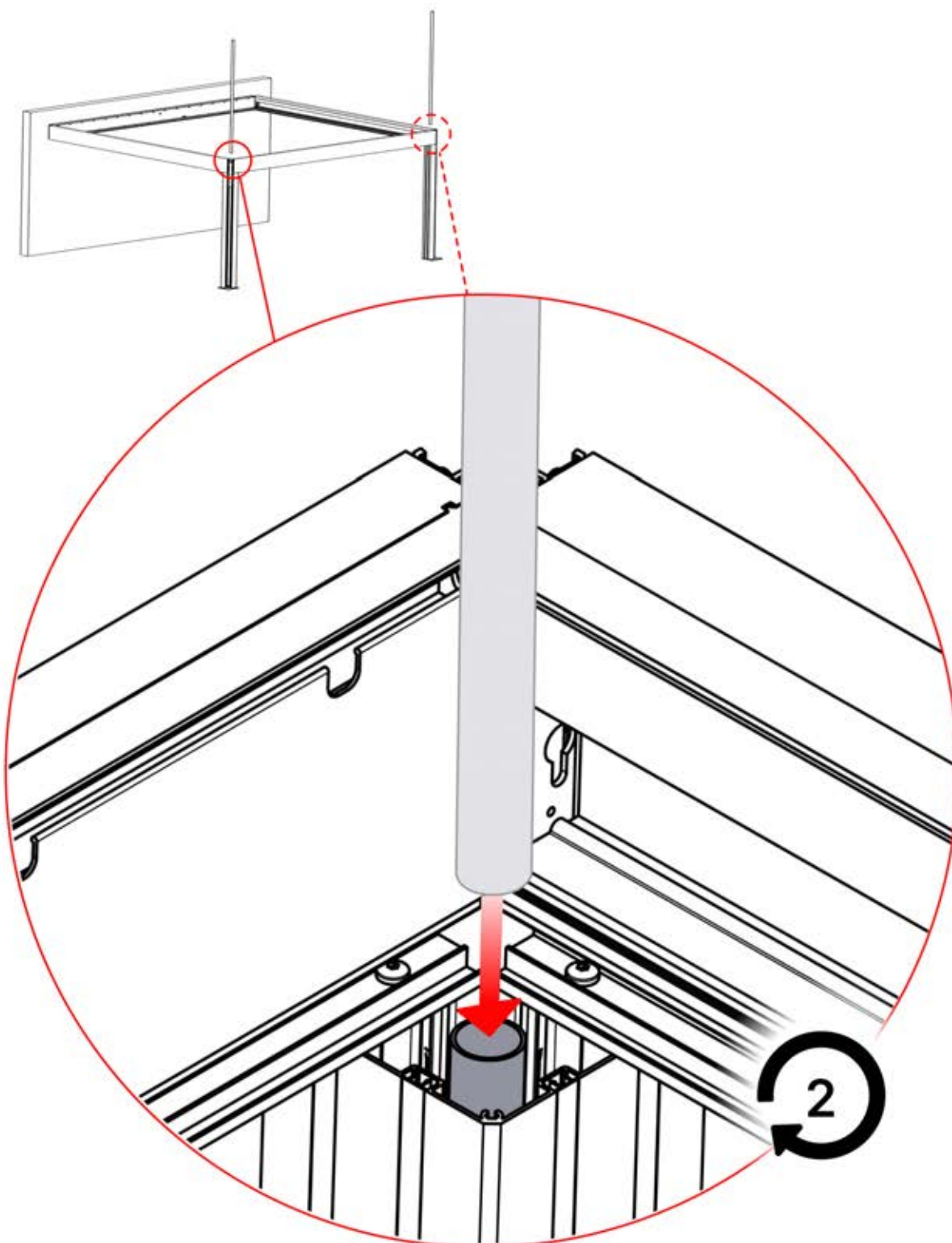
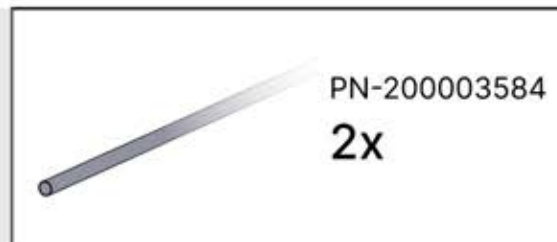
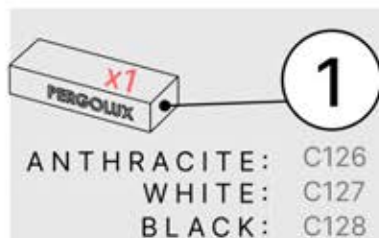
ANTHRACITE: B298
WHITE: B302
BLACK: B306



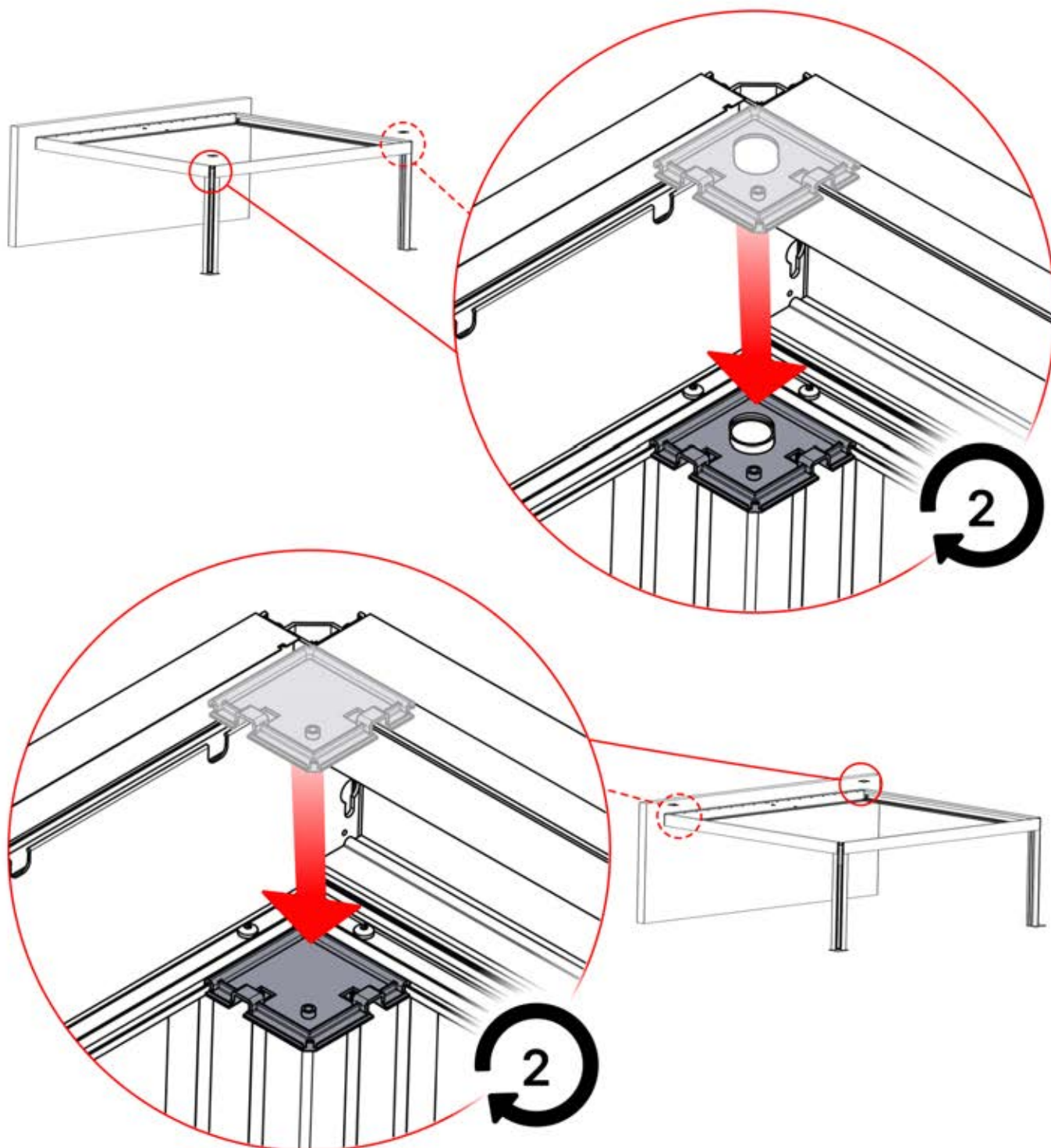
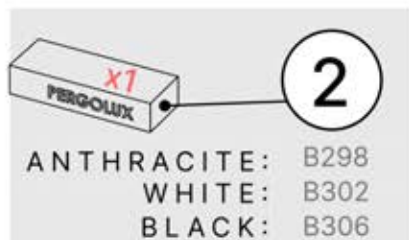
PN-200000655
4x
PN-20000
3755 



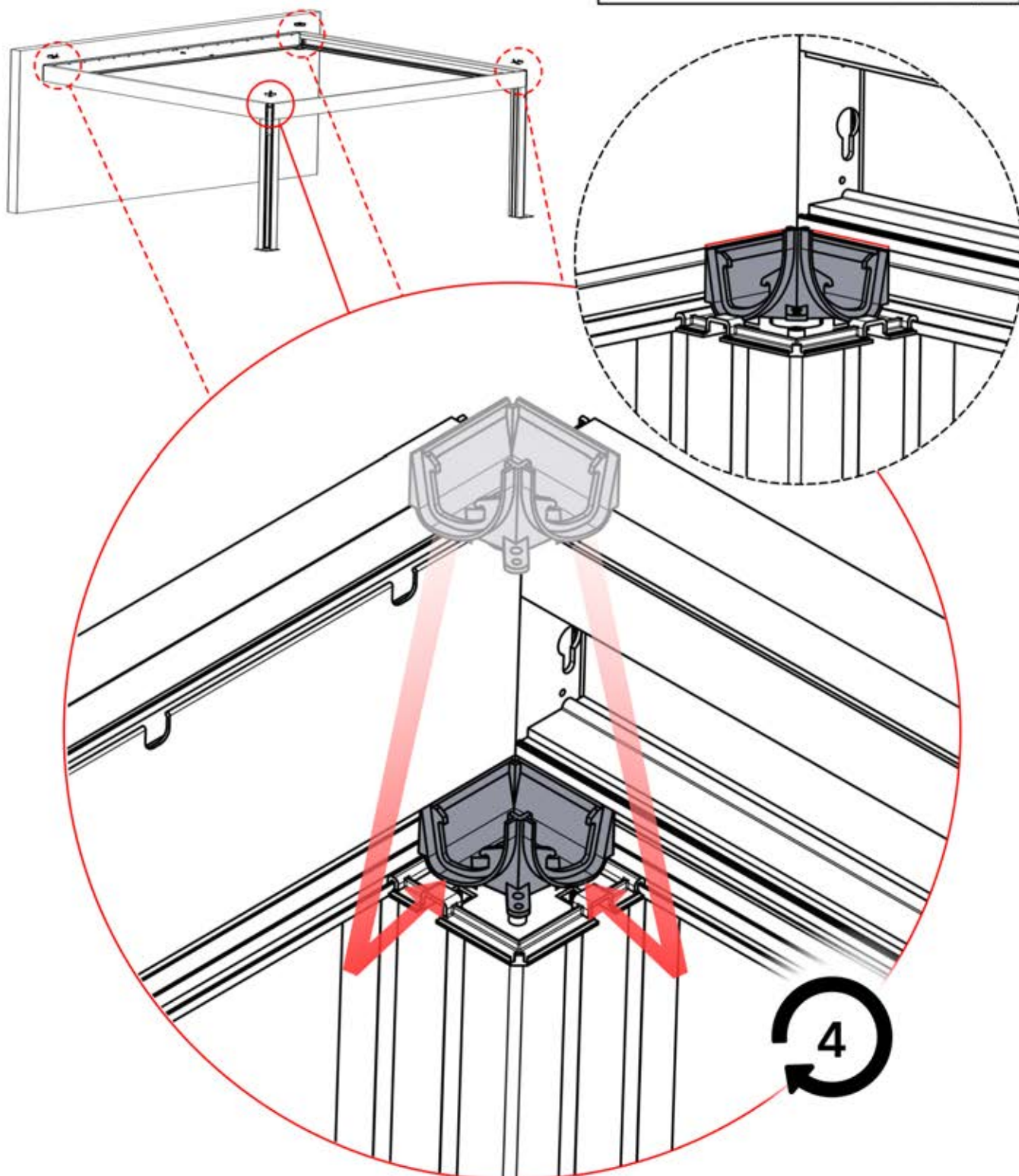
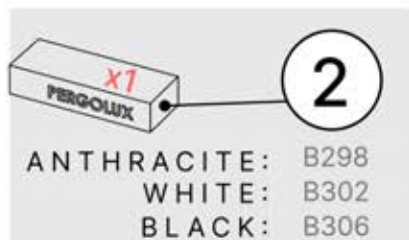
16



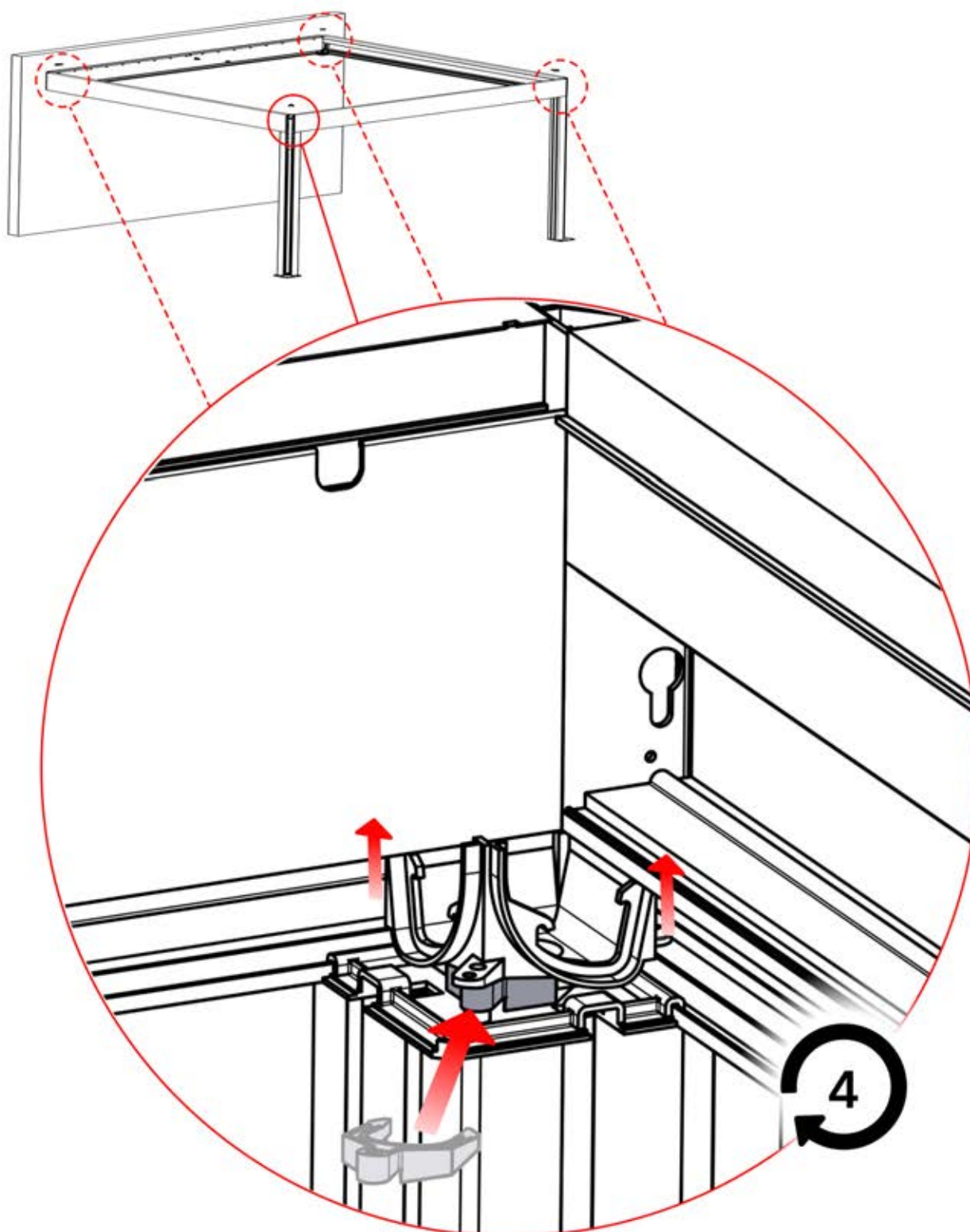
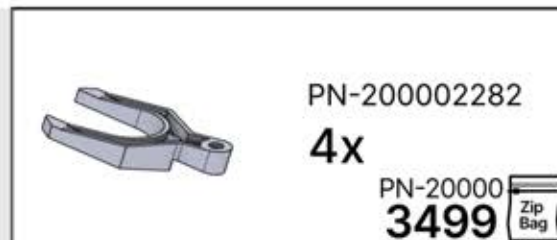
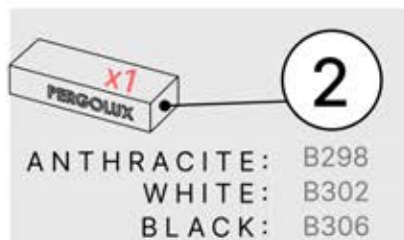
17



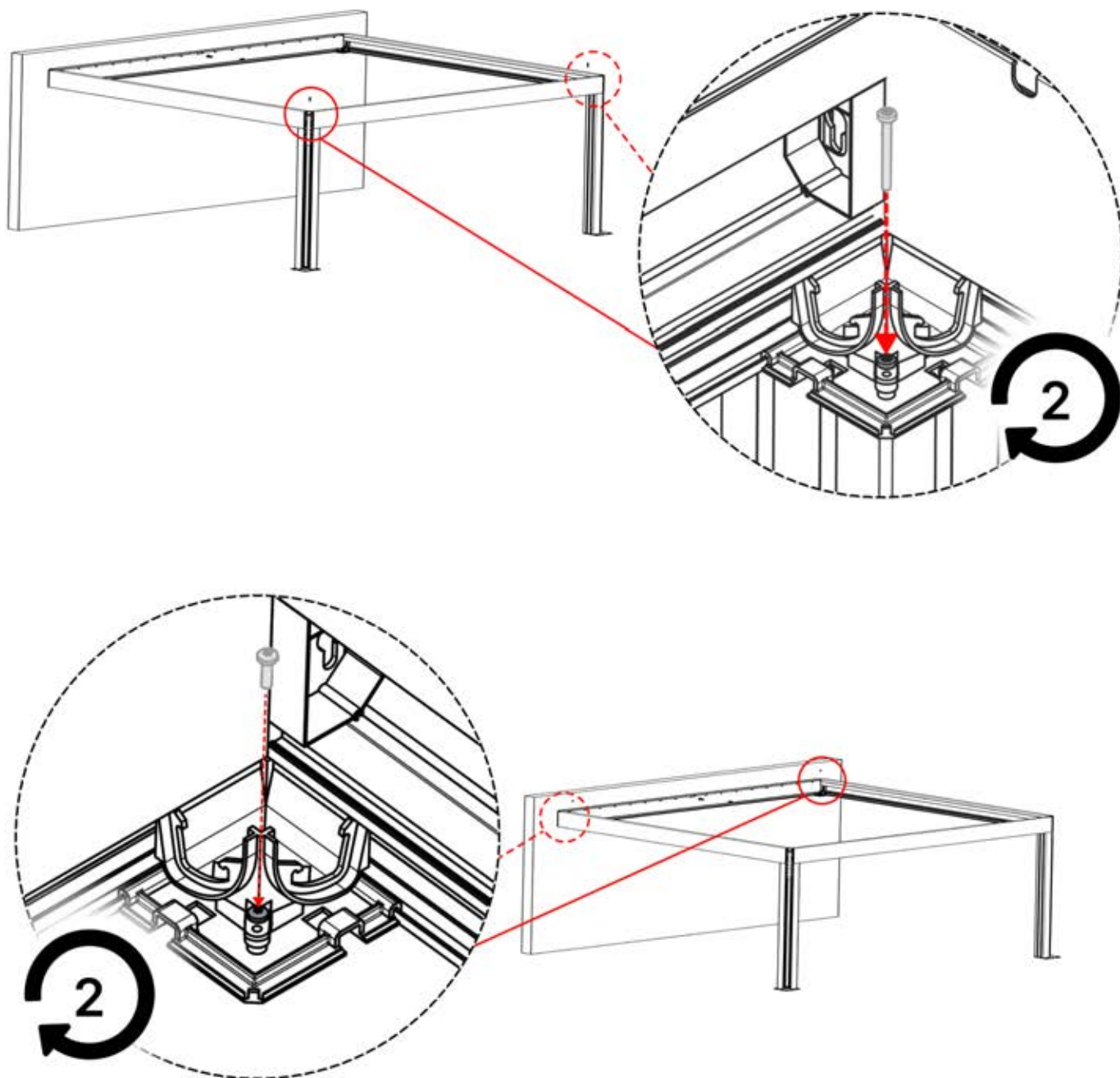
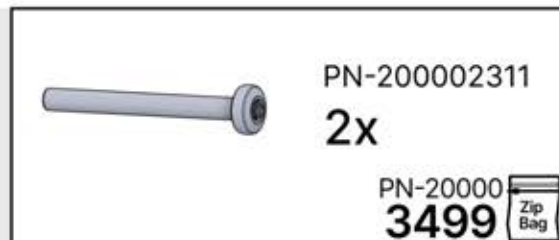
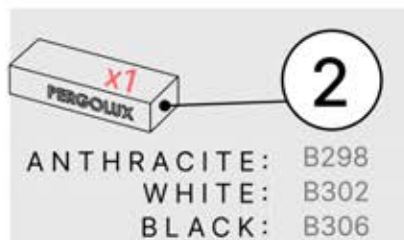
18



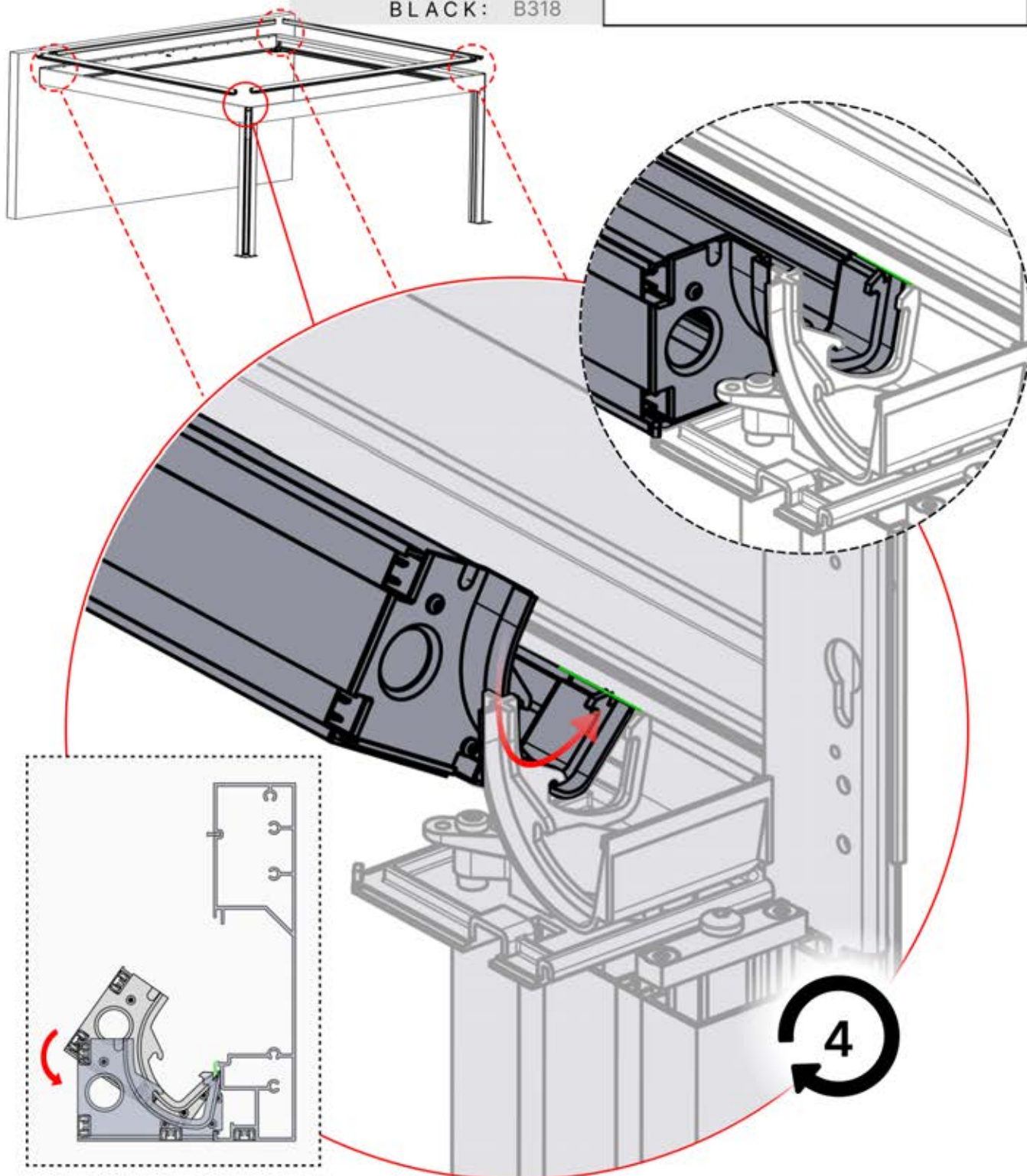
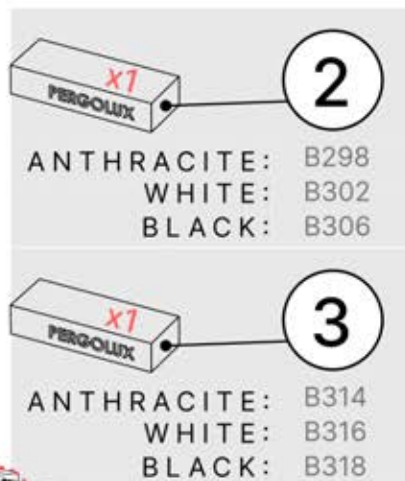
19



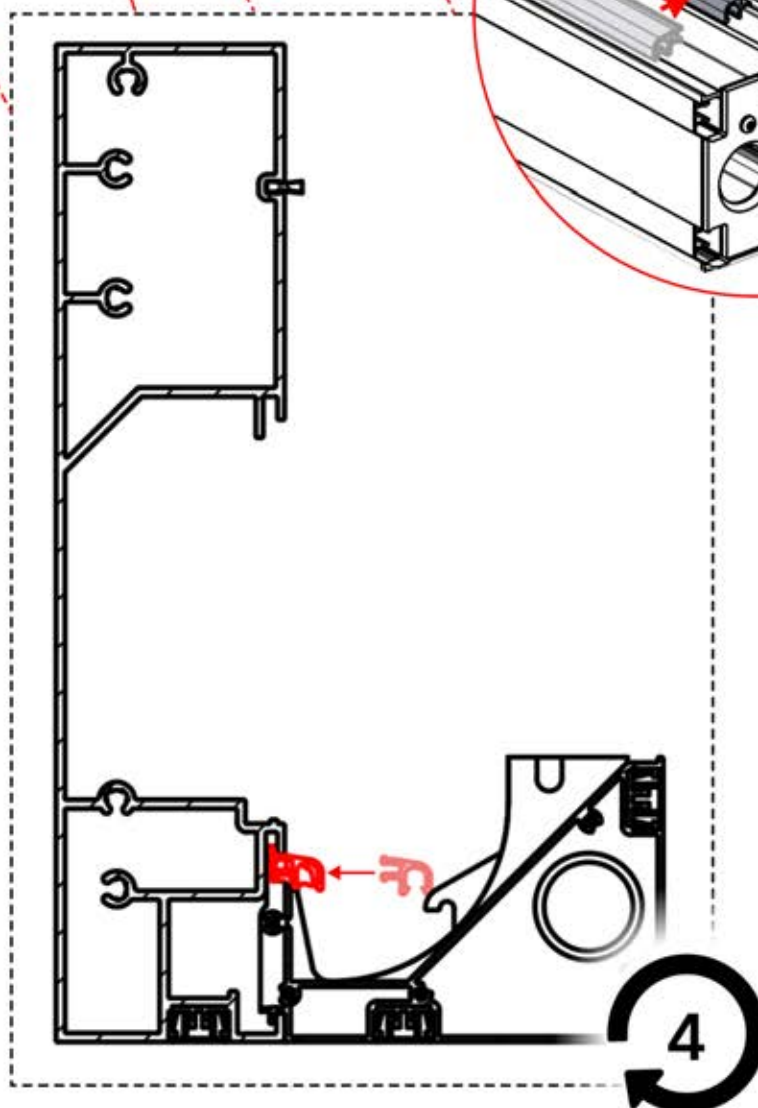
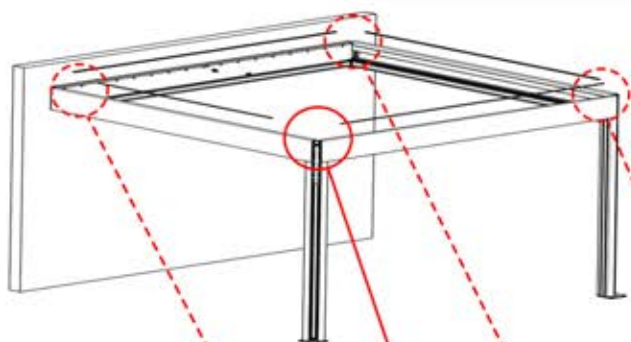
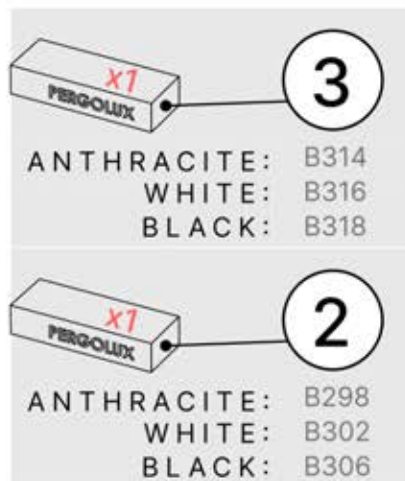
20



21



22



INFORMATION



Apply grease to
part



2

ANTHRACITE: B298
WHITE: B302
BLACK: B306



PN-200003051

8x

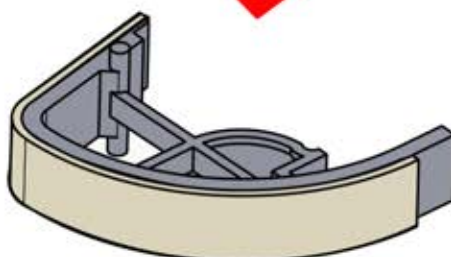
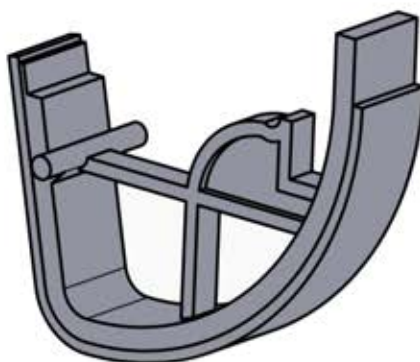
PN-200003049

8x

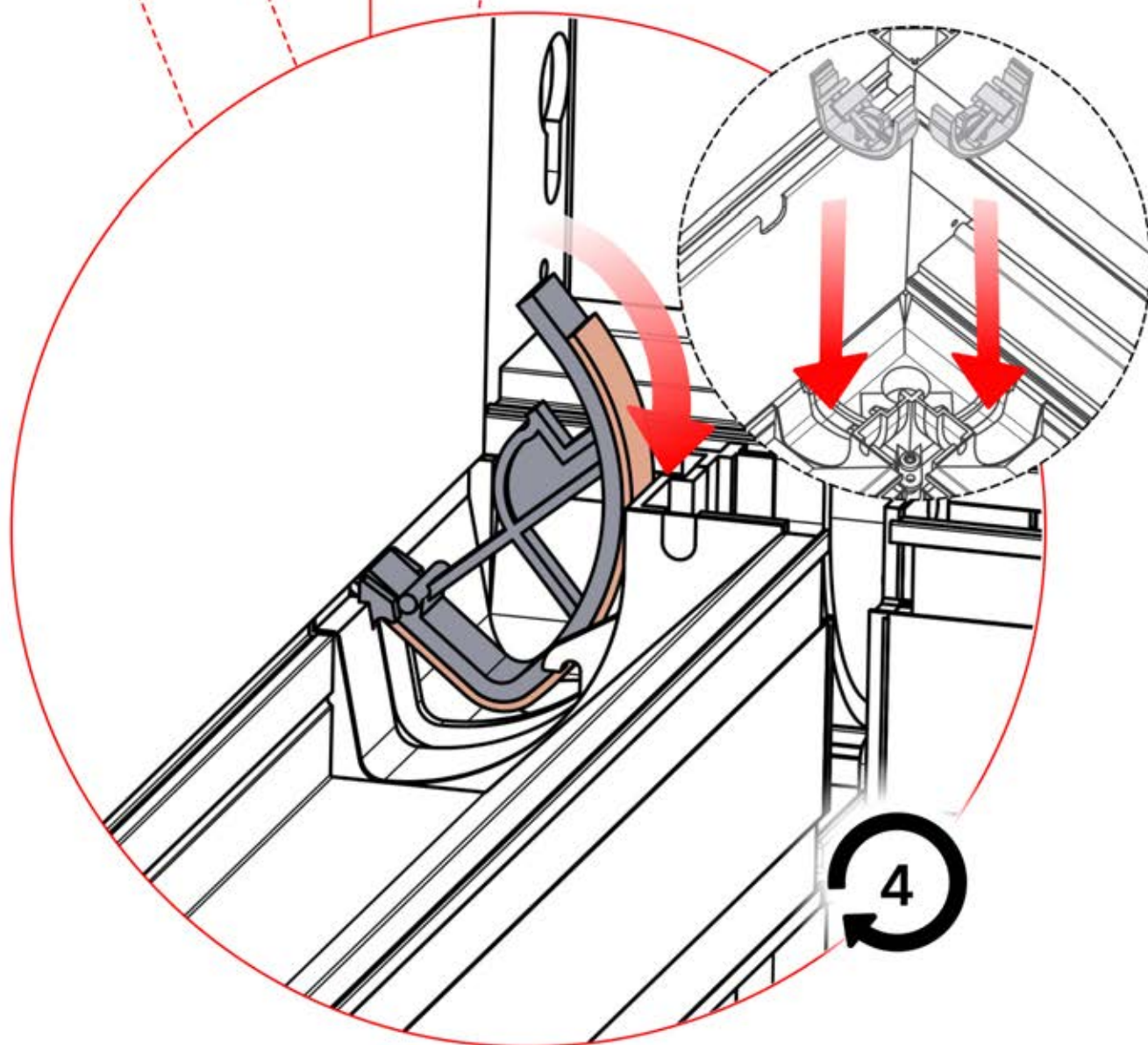
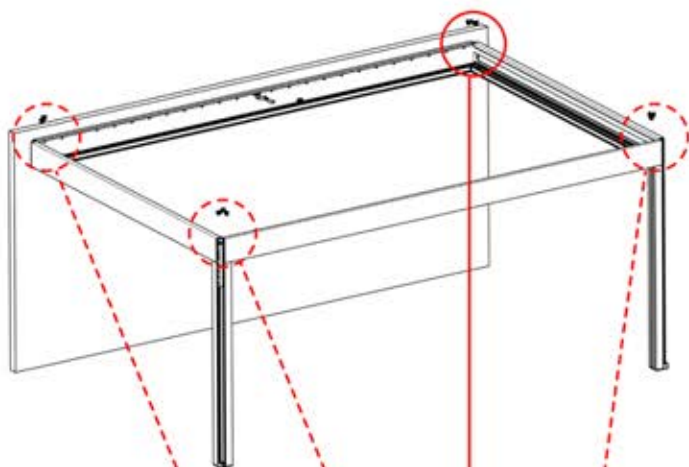
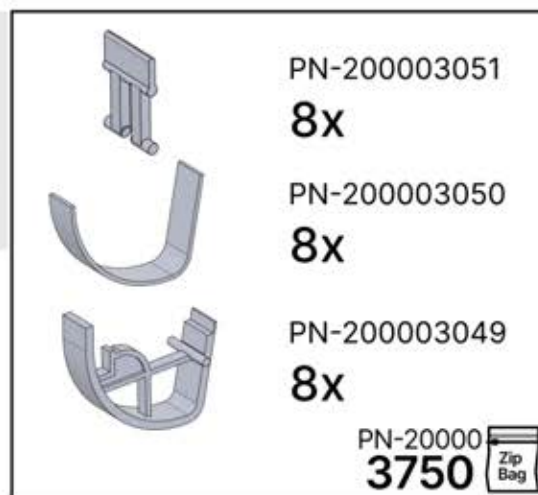
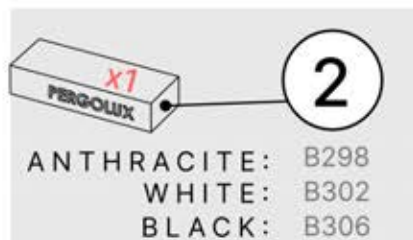
PN-200003050

8x

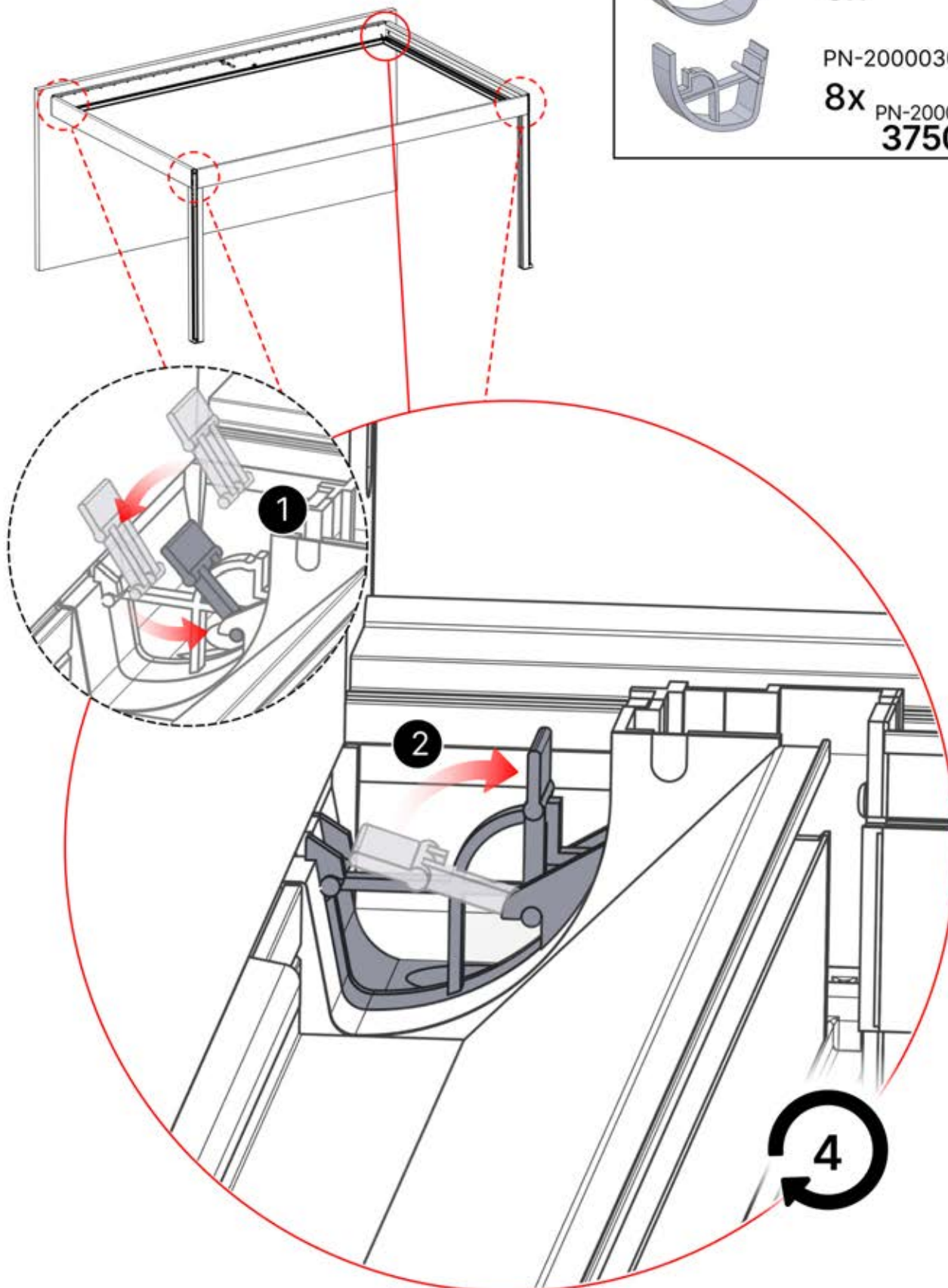
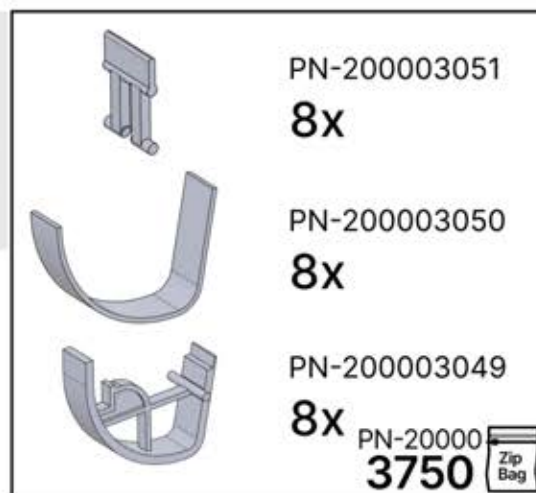
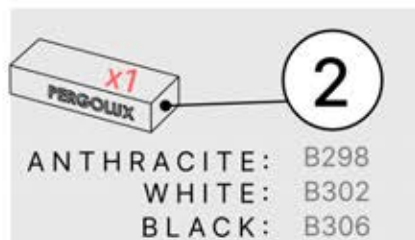
PN-20000
3750



23



24



25



2

ANTHRACITE: B298
WHITE: B302
BLACK: B306



PN-200002289

4x

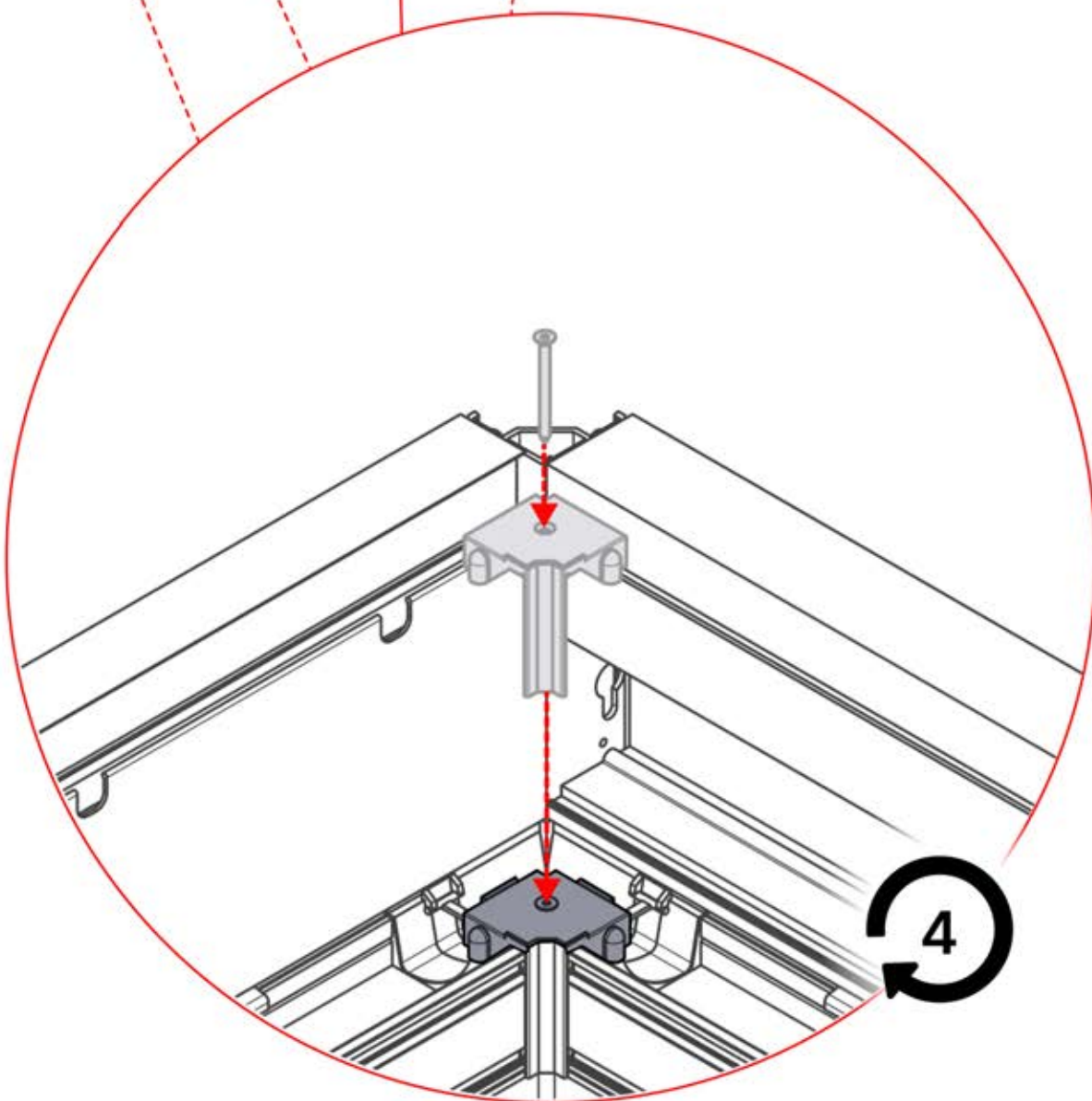
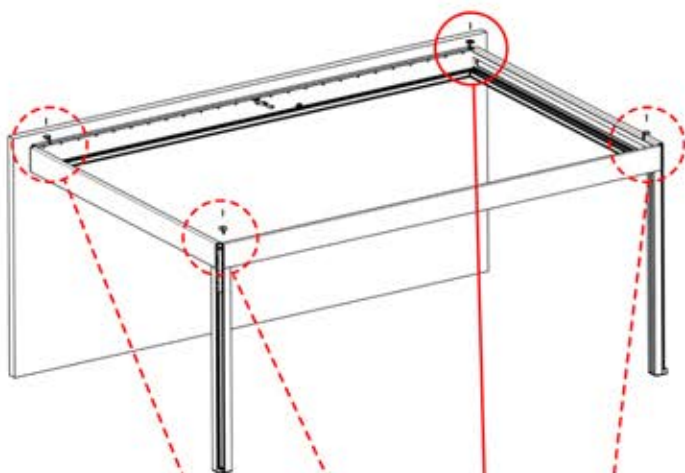
PN-20000
3496 Zip Bag



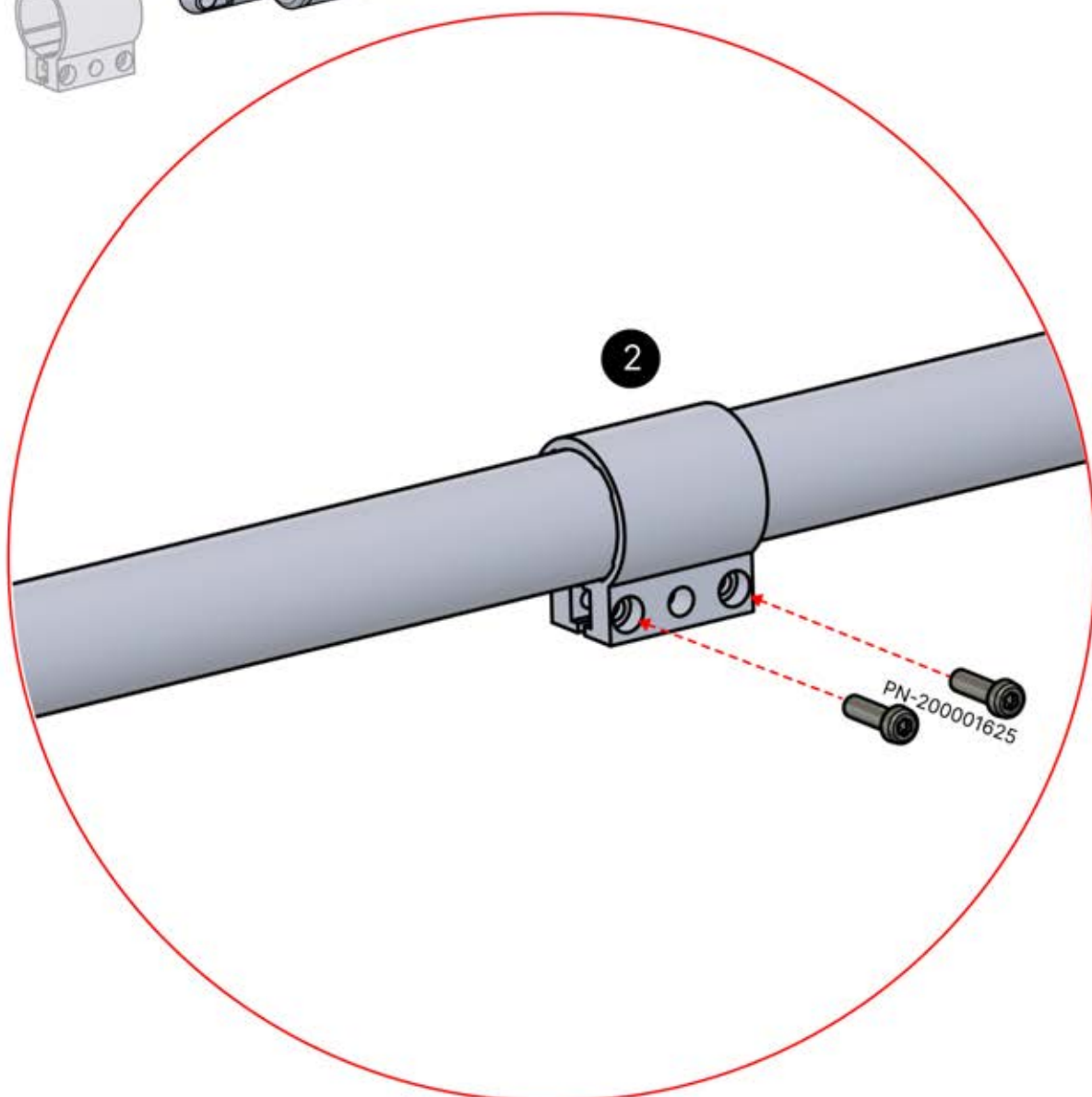
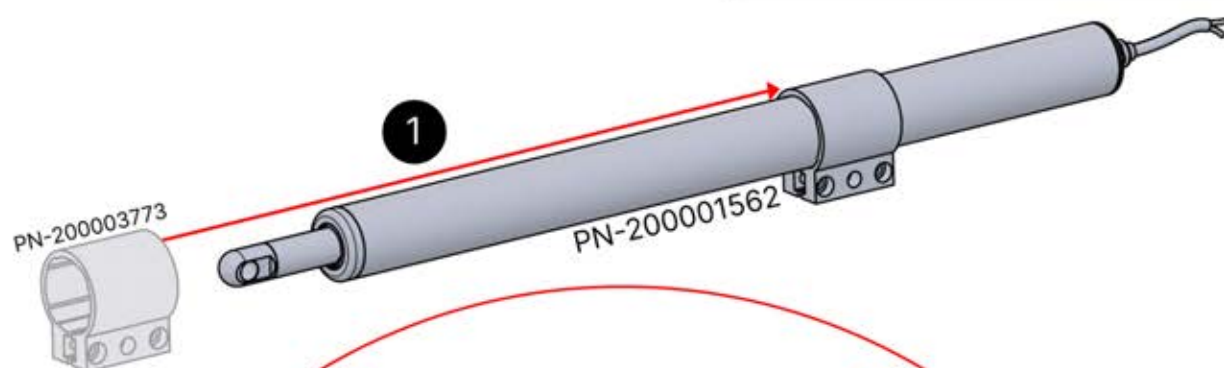
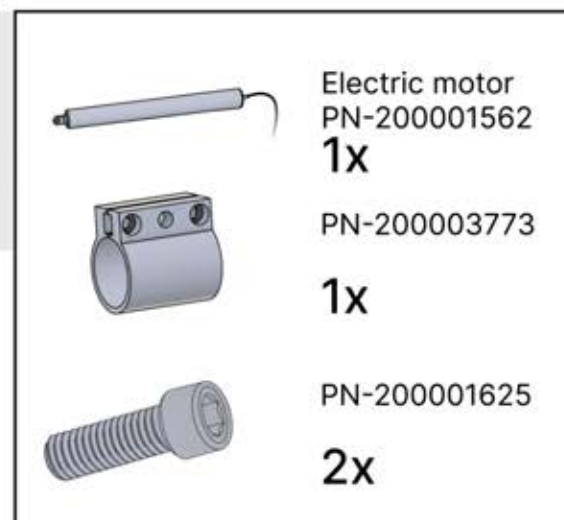
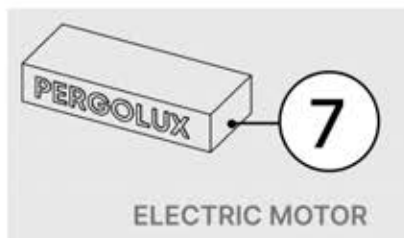
PN-200000958

4x

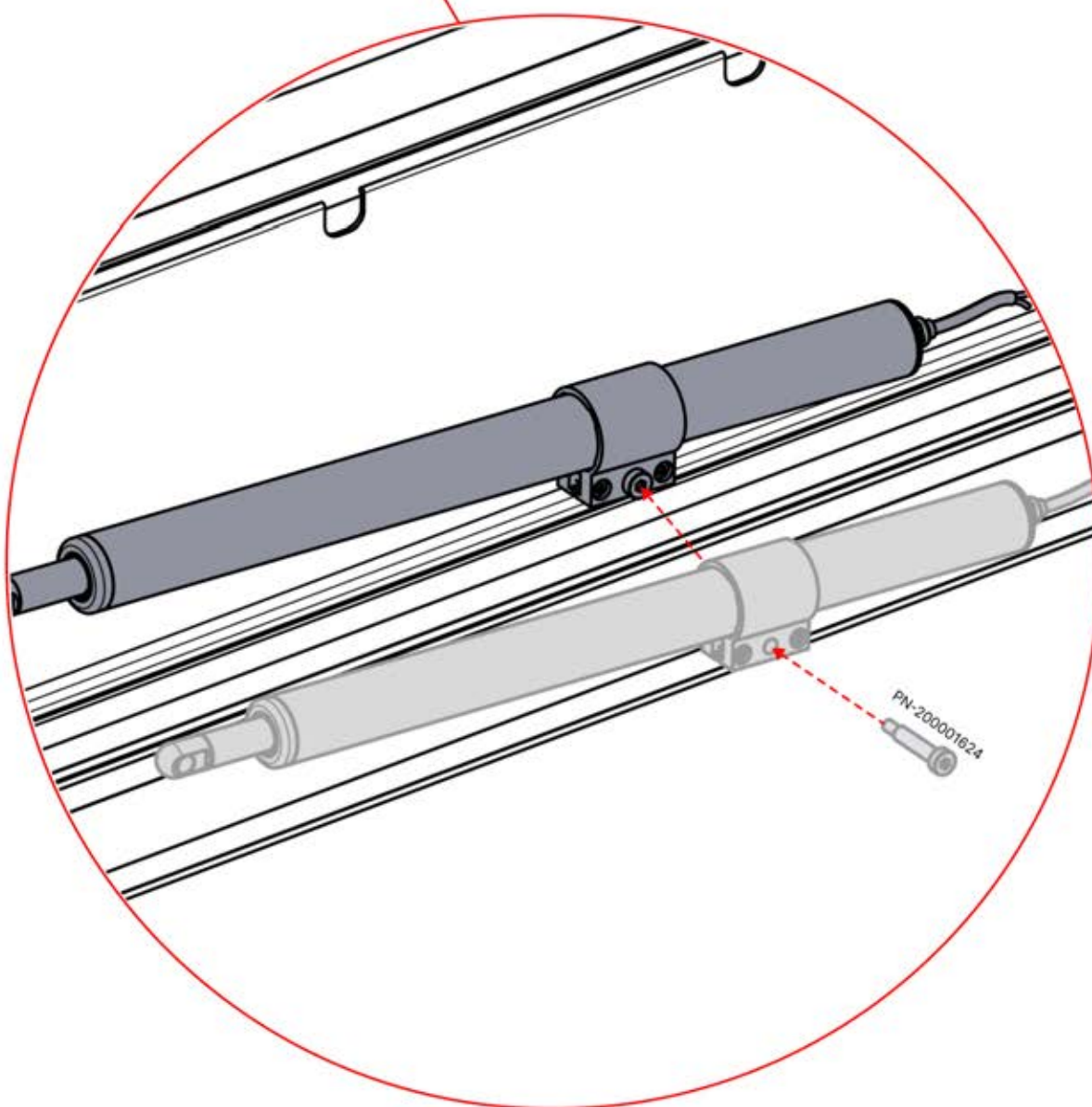
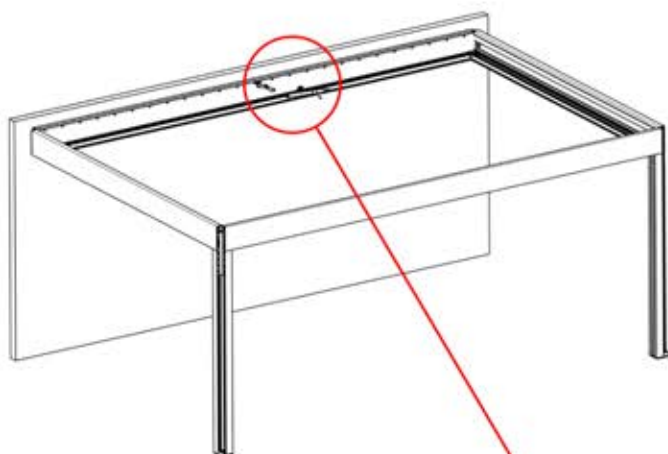
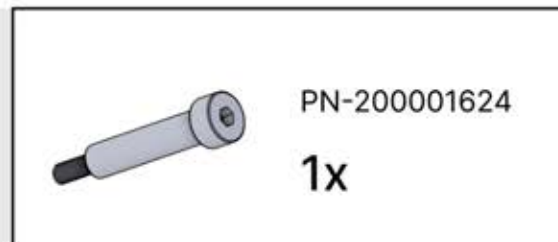
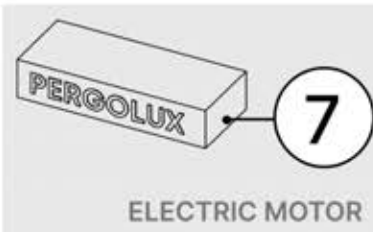
PN-20000
3756 Zip Bag



26

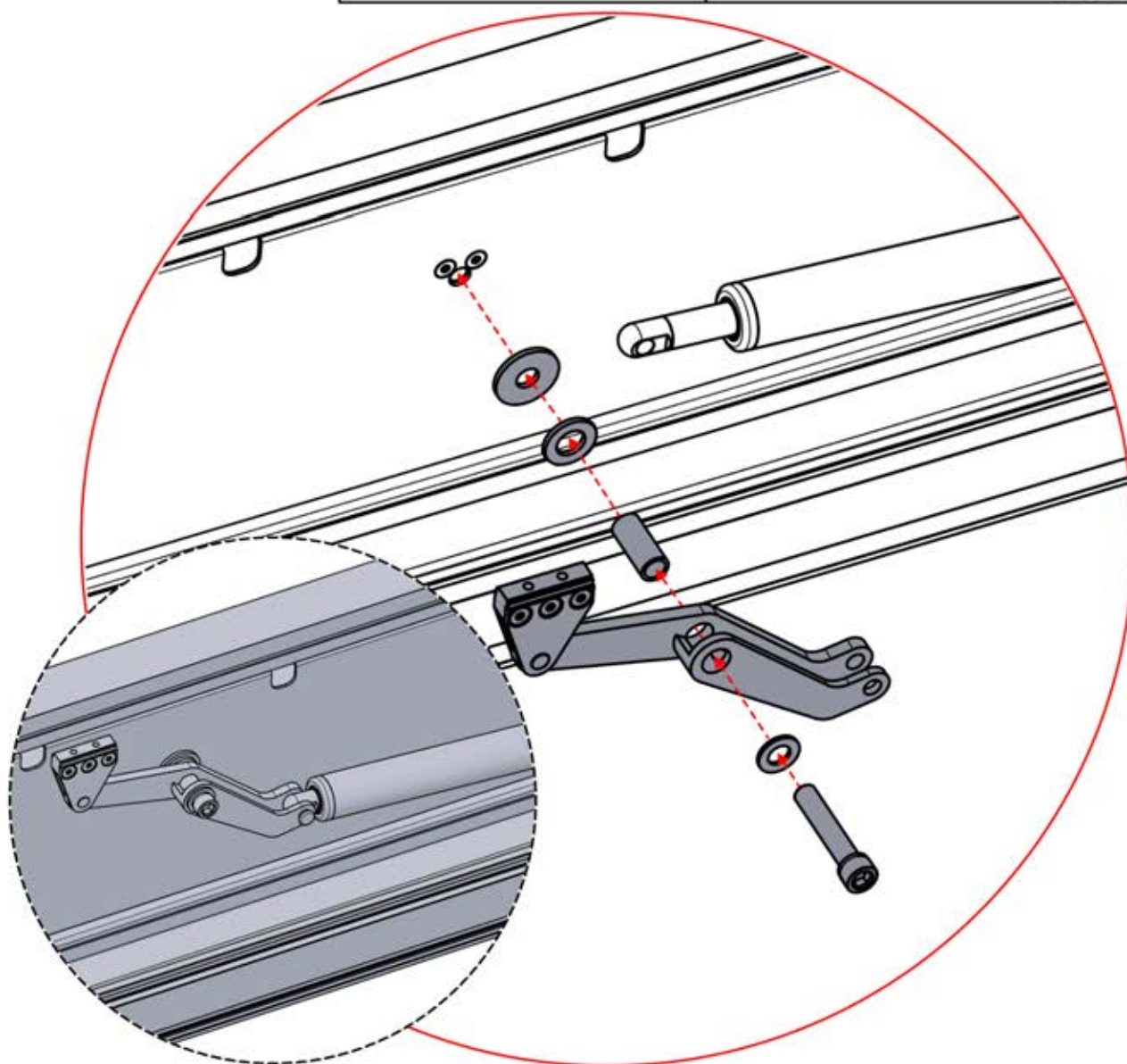


27

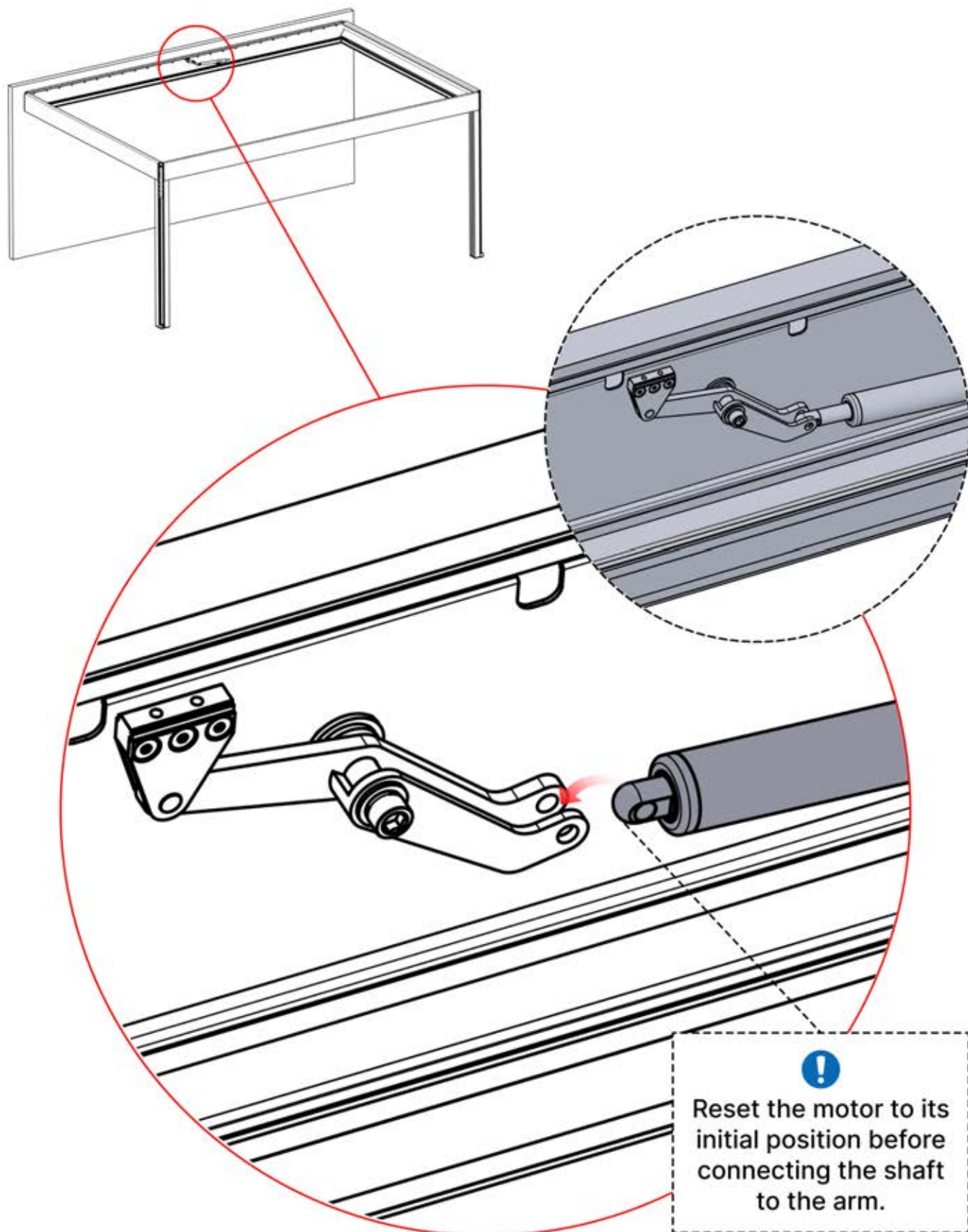


28

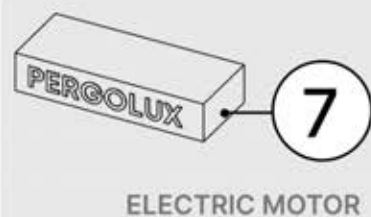
 ANTHRACITE: B298 WHITE: B302 BLACK: B306	 PN-200002326 1x  PN-200002328 2x  PN-200002327 1x  PN-200002333 1x  PN-200002355 1x PN-20000 3751 
 PN-200003500 1x  PN-200002330 1x  PN-200002324 1x	



29



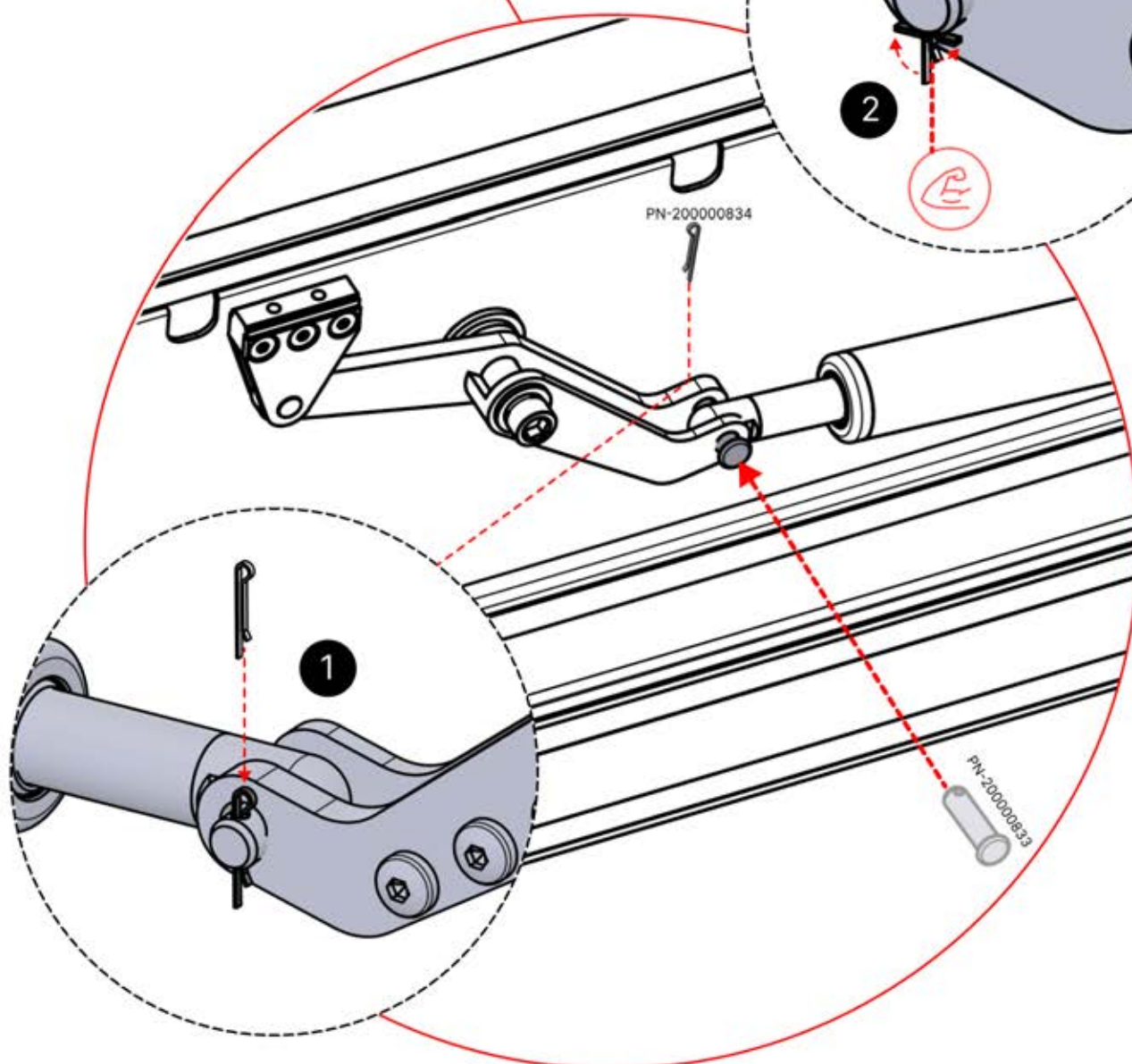
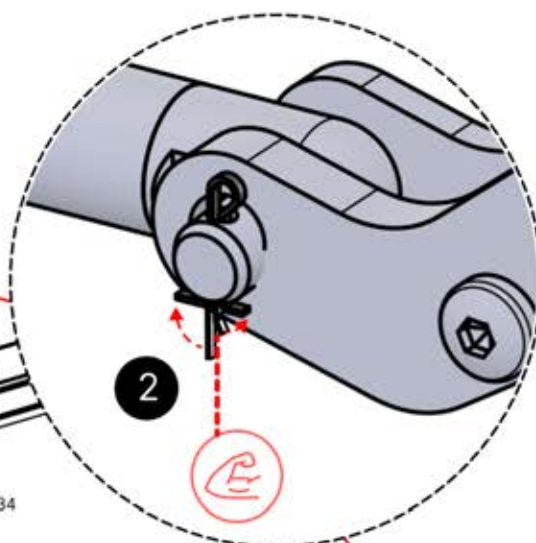
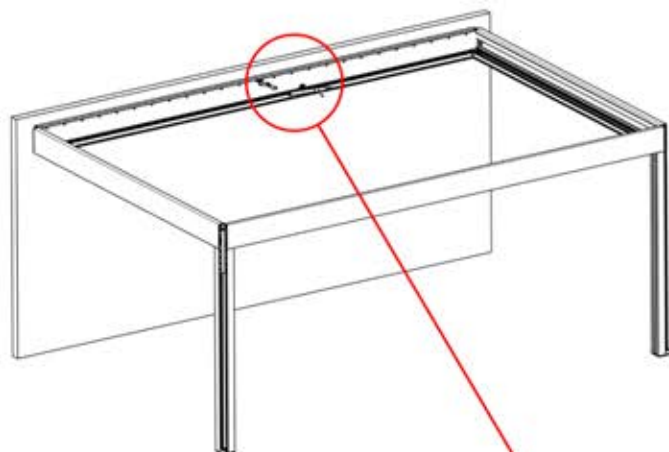
30



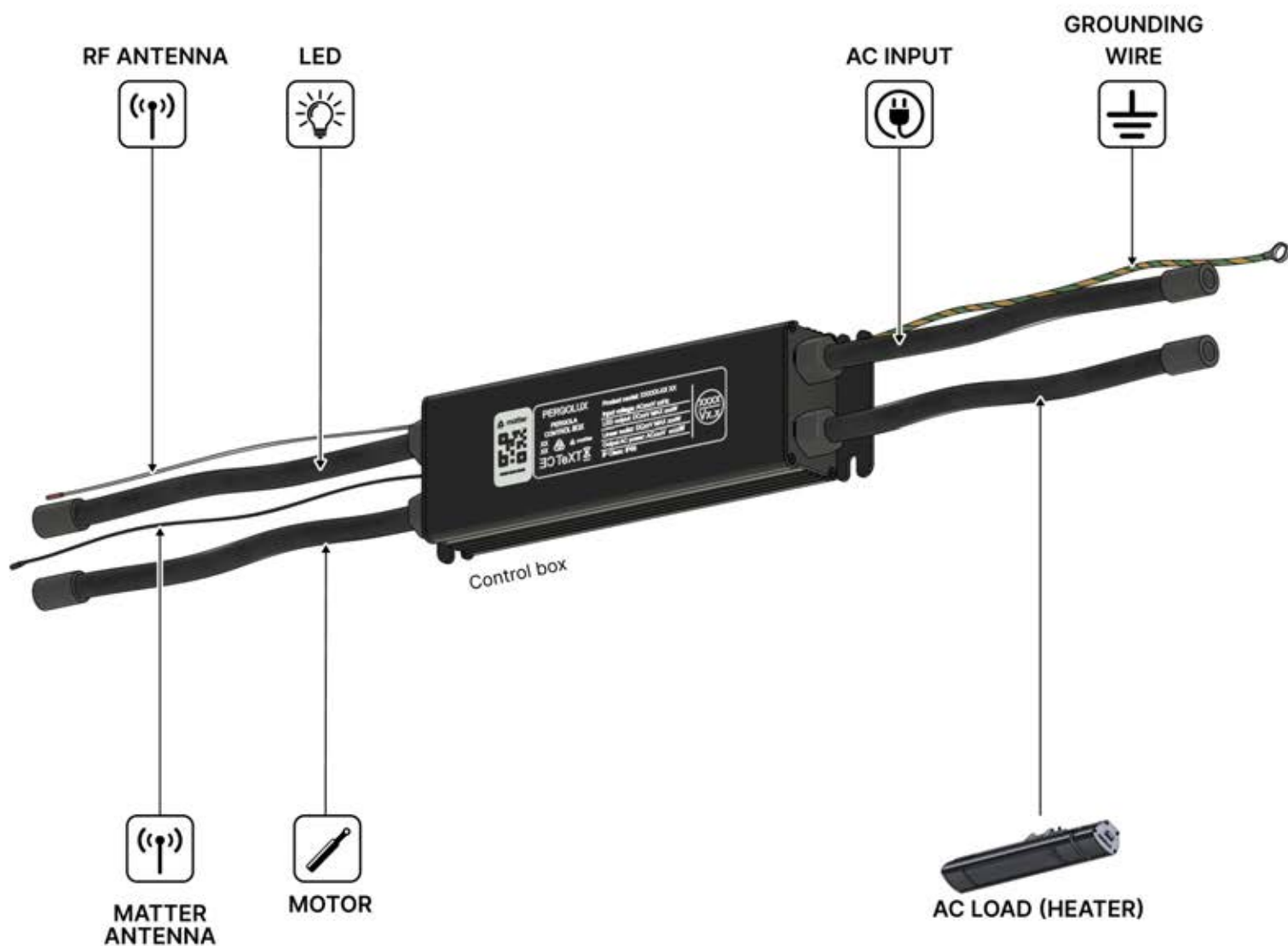
Motor Screw
1x



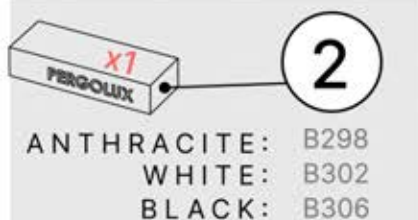
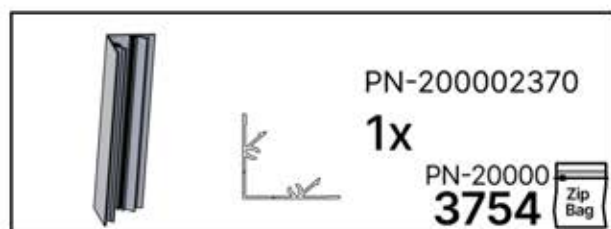
Split Pin
1x



INPUTS AND OUTPUTS

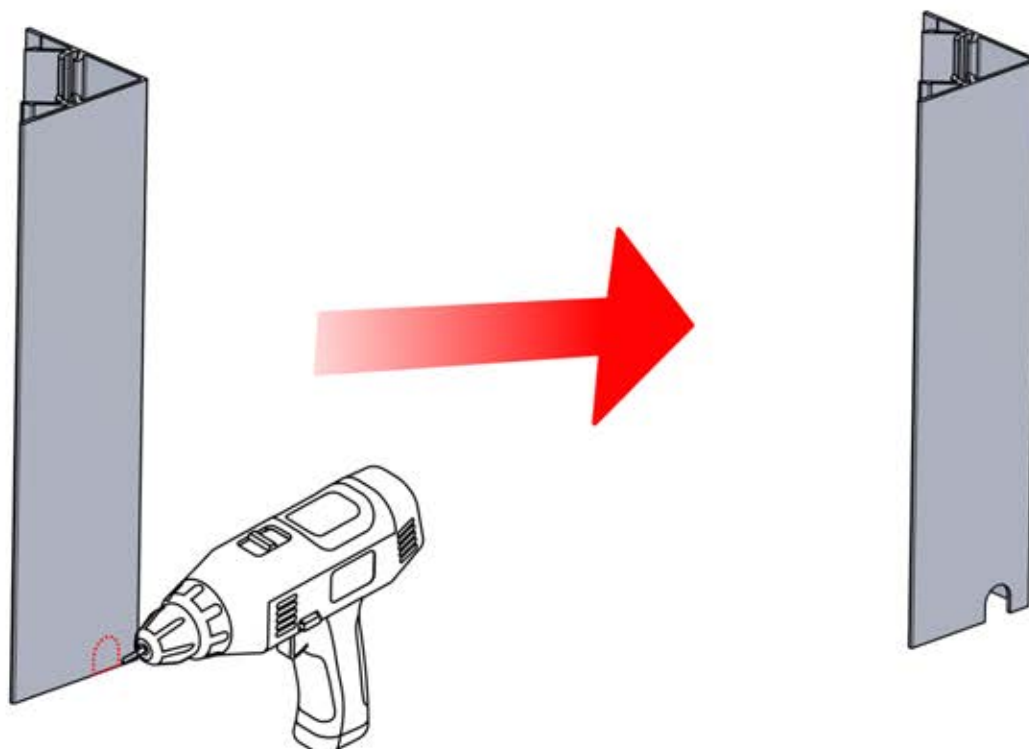


INFORMATION

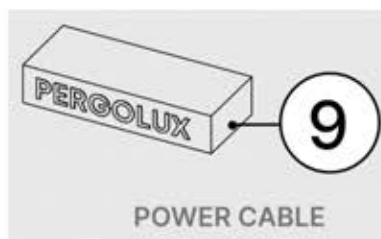


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200002370**) as illustrated. This allows the cable to pass through during installation in step 71.

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.

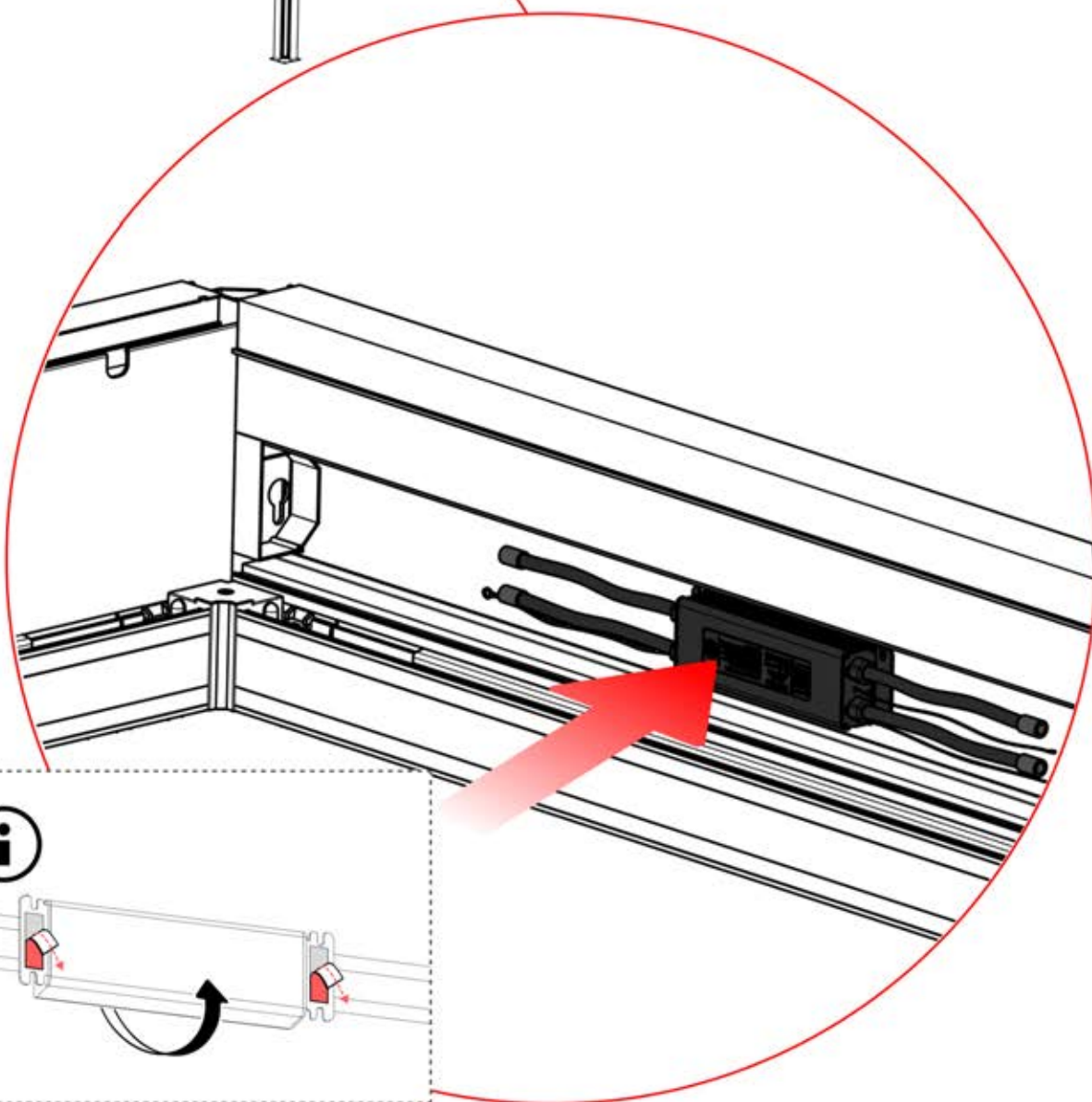
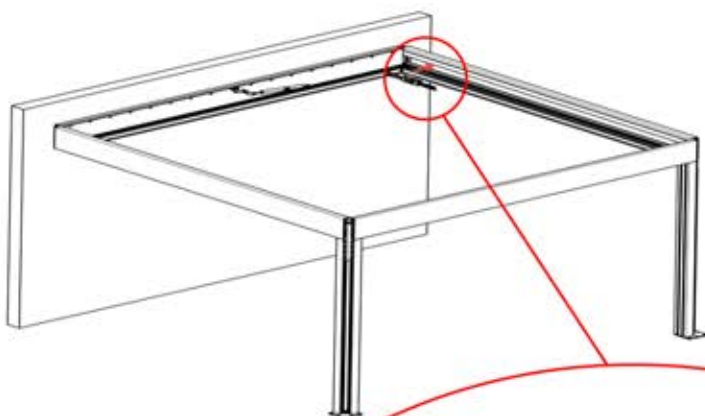


31

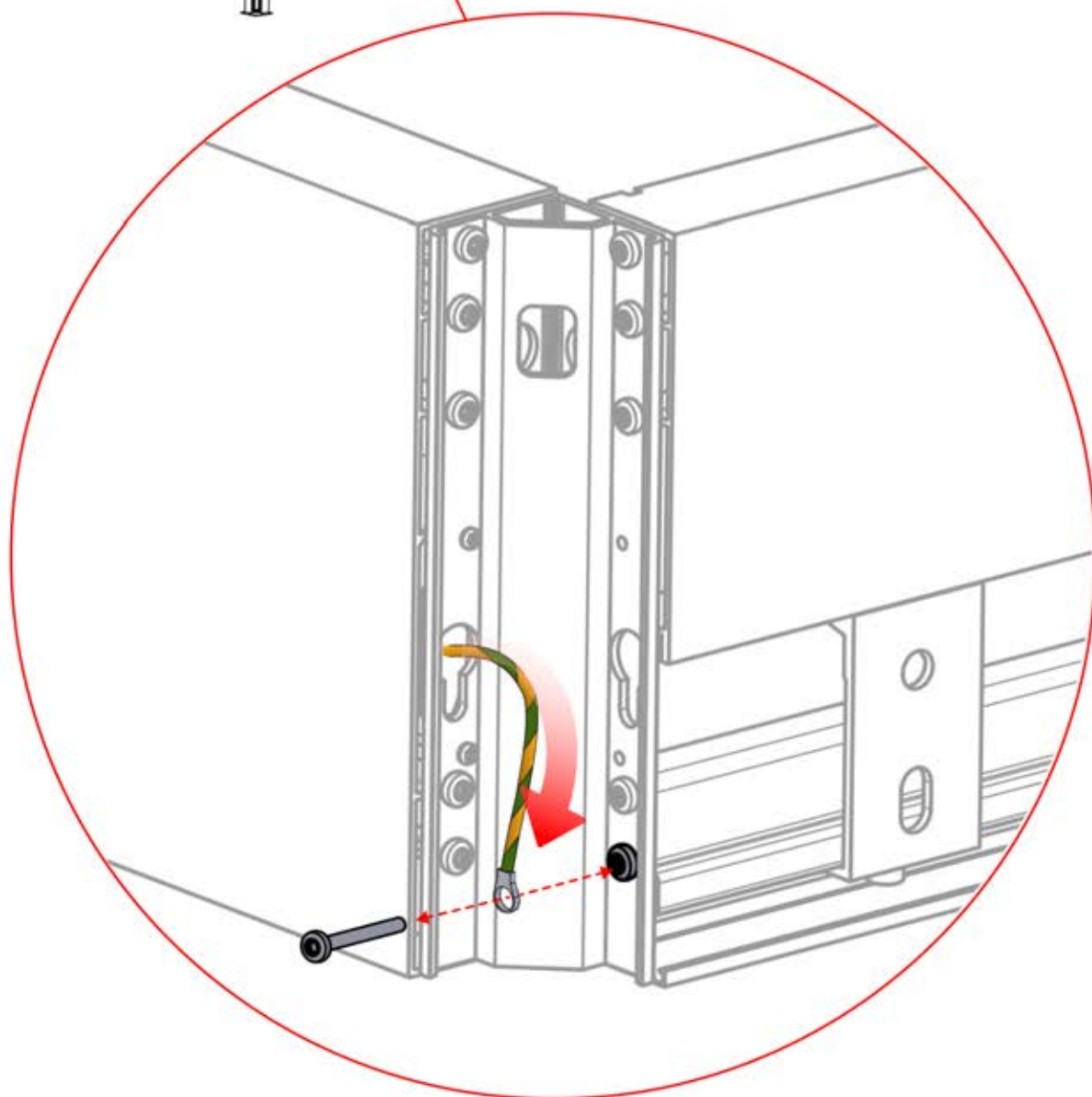
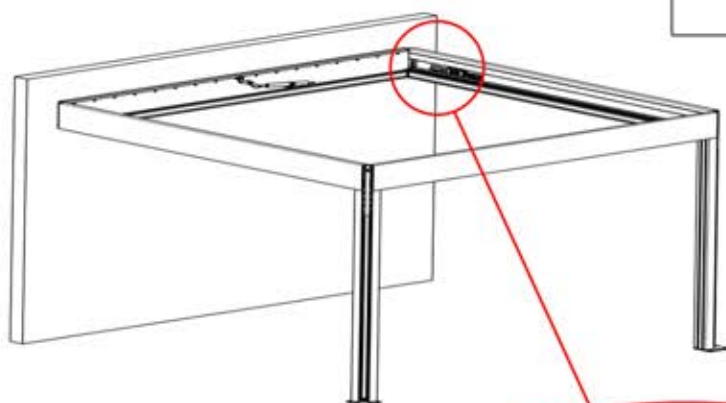
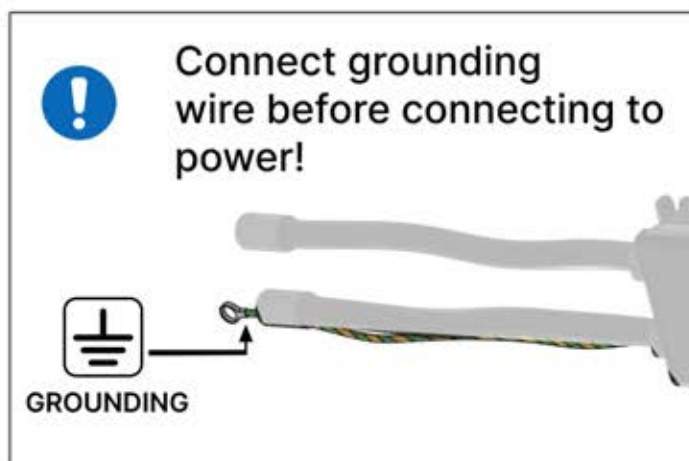


!

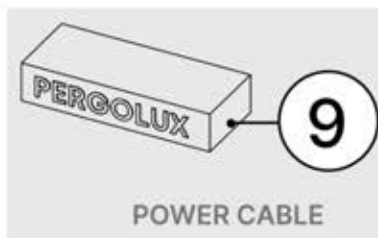
Control Box can be installed on Preferred W BEAM



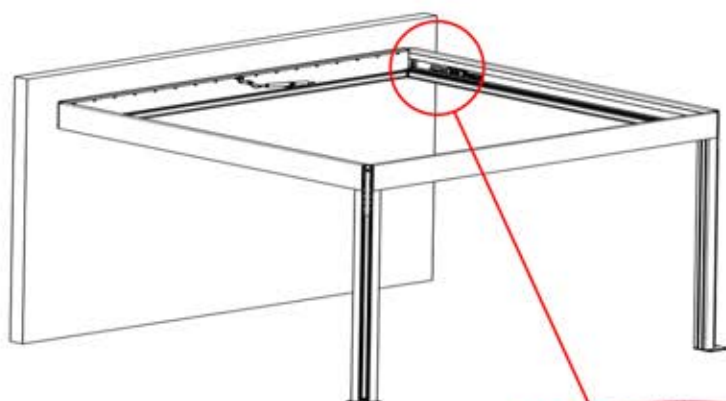
32



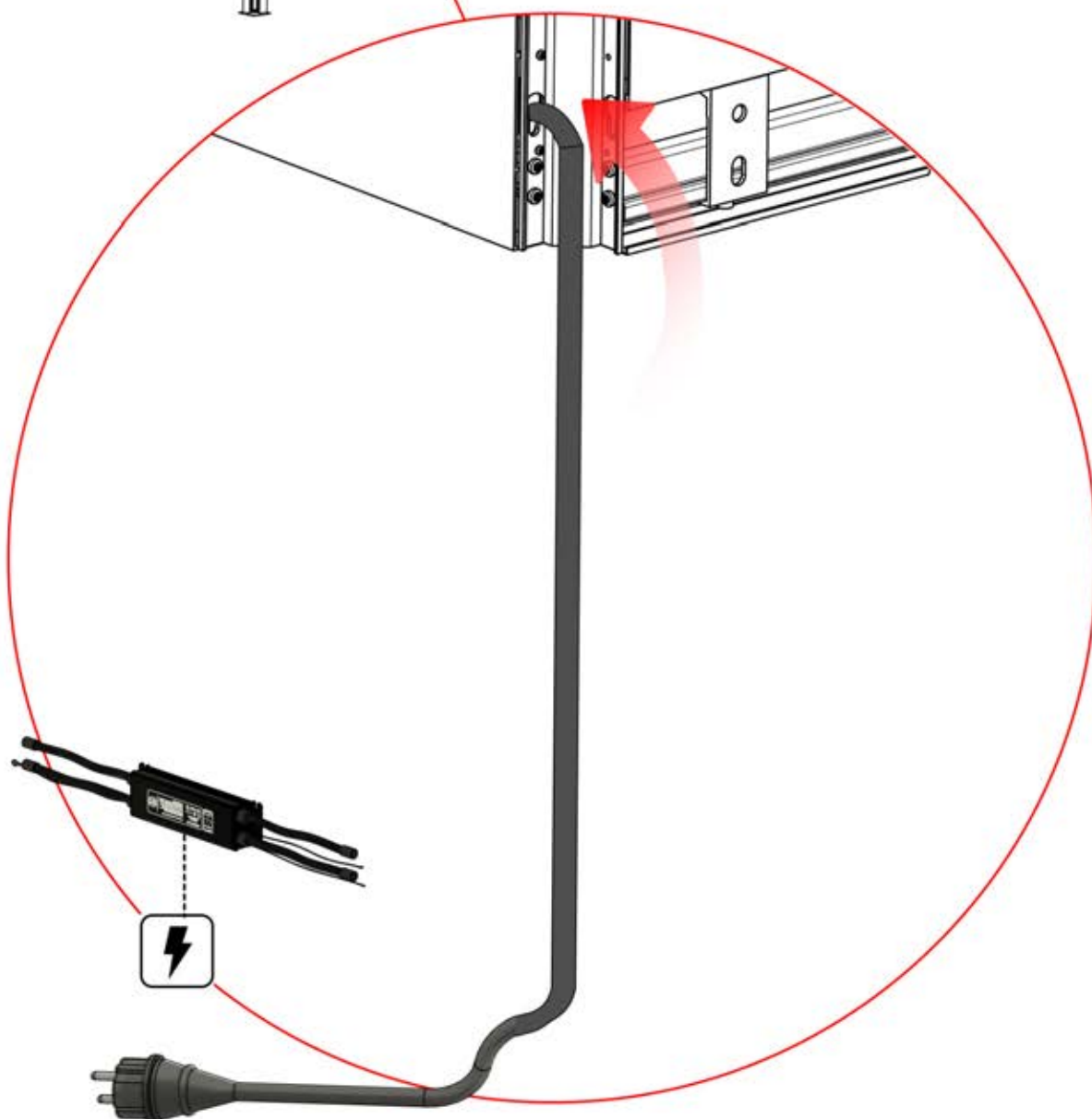
33



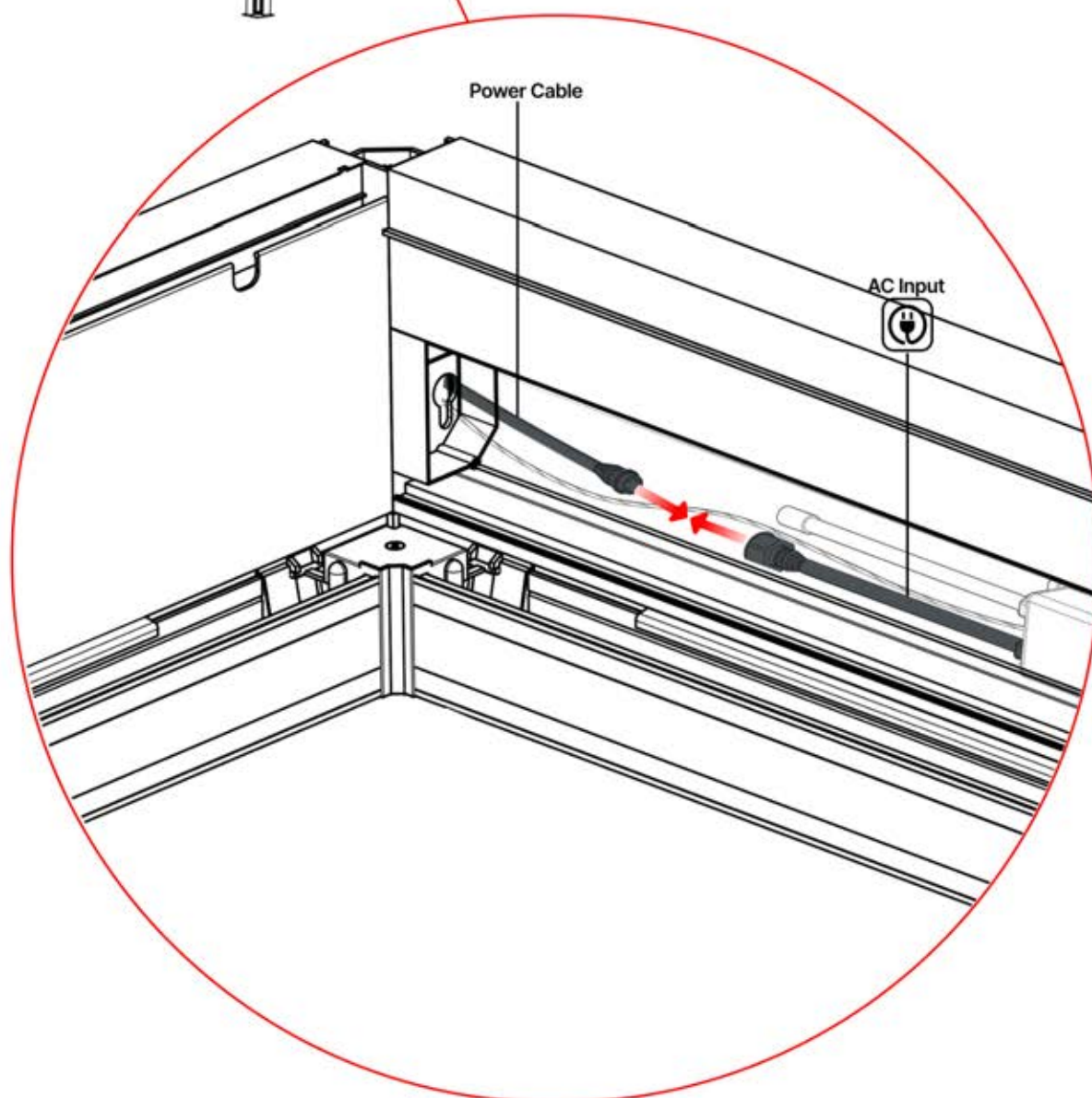
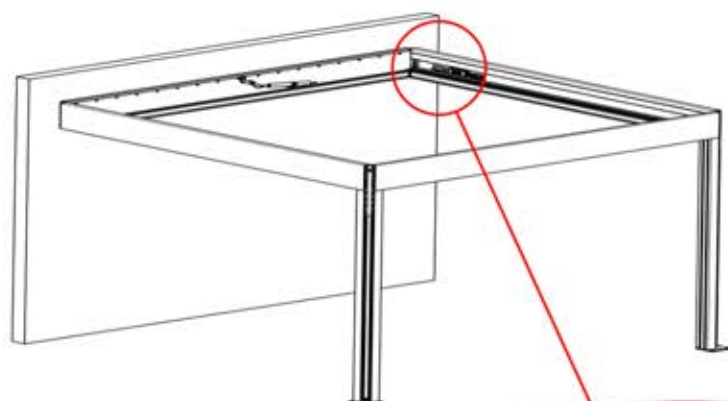
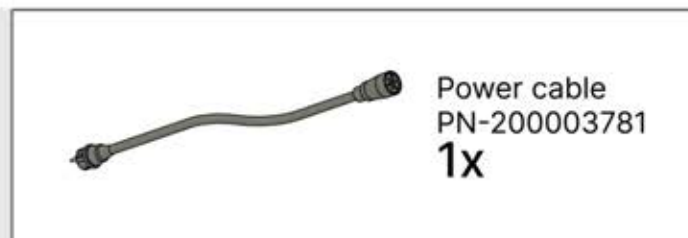
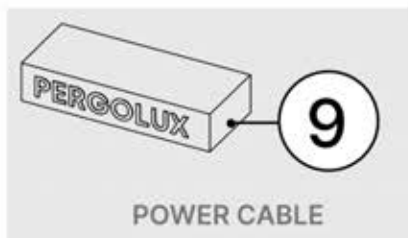
Power cable
PN-200003781
1x



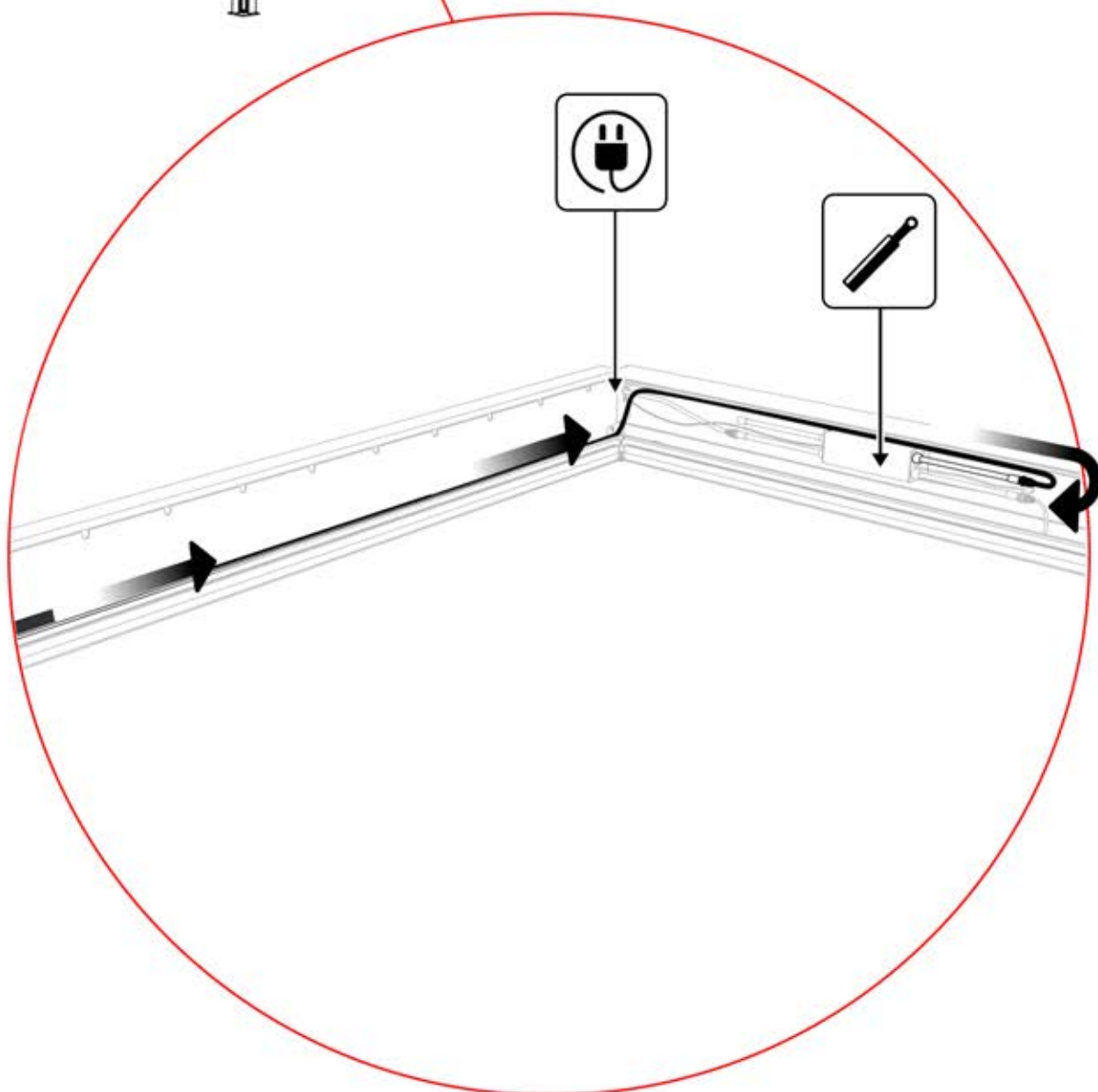
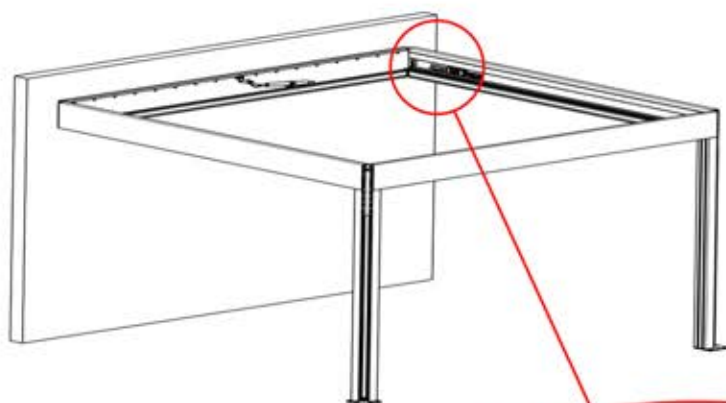
Power Cable can be
routed through all
the Poles.



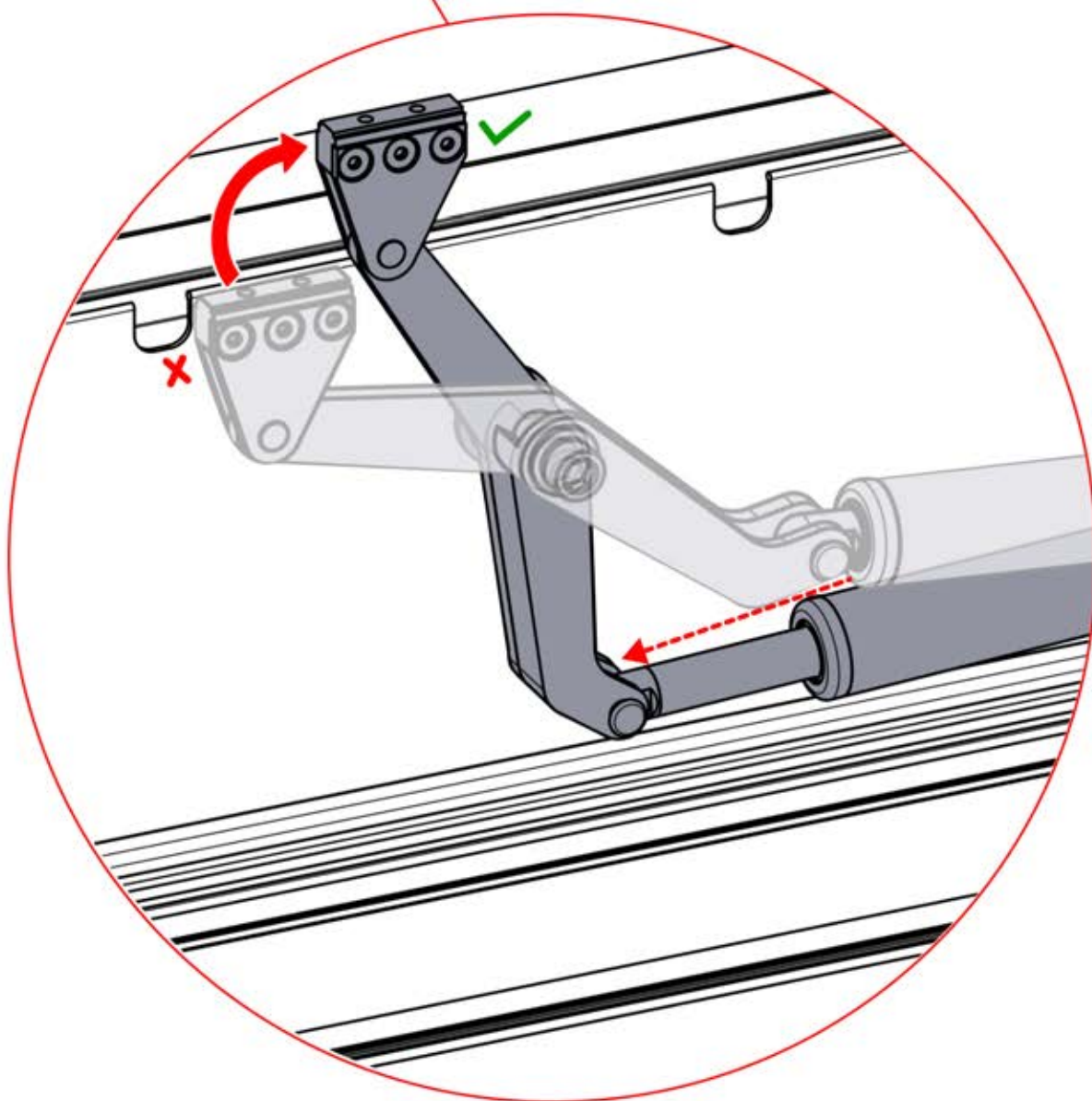
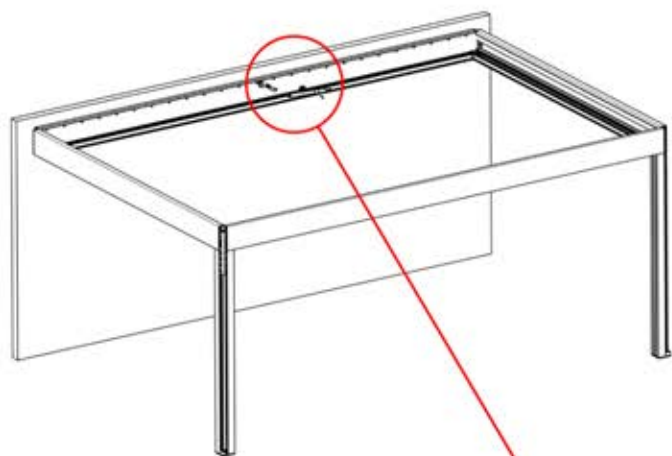
34



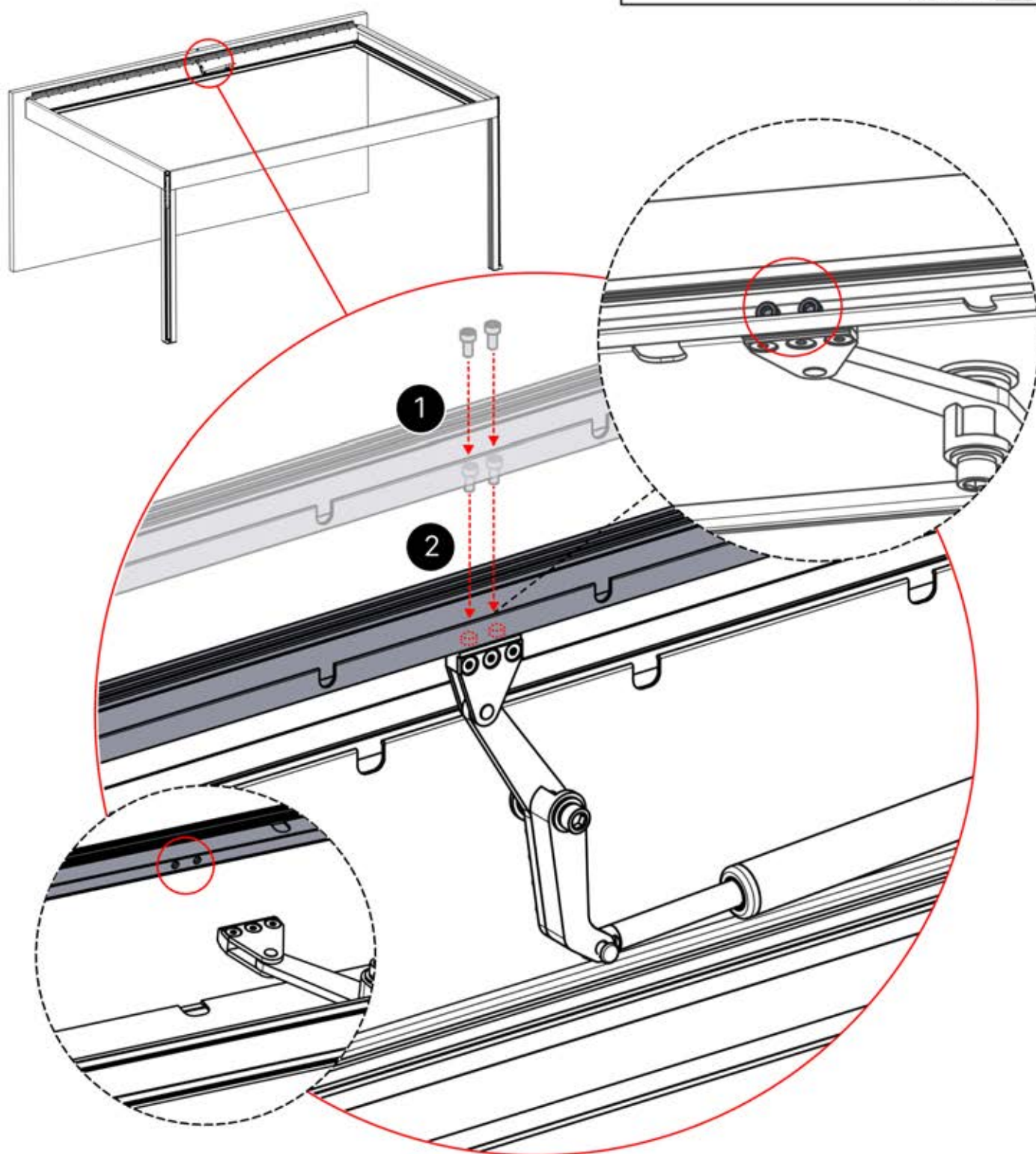
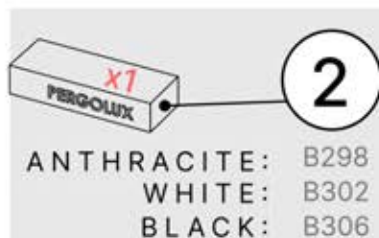
35



36



37



38

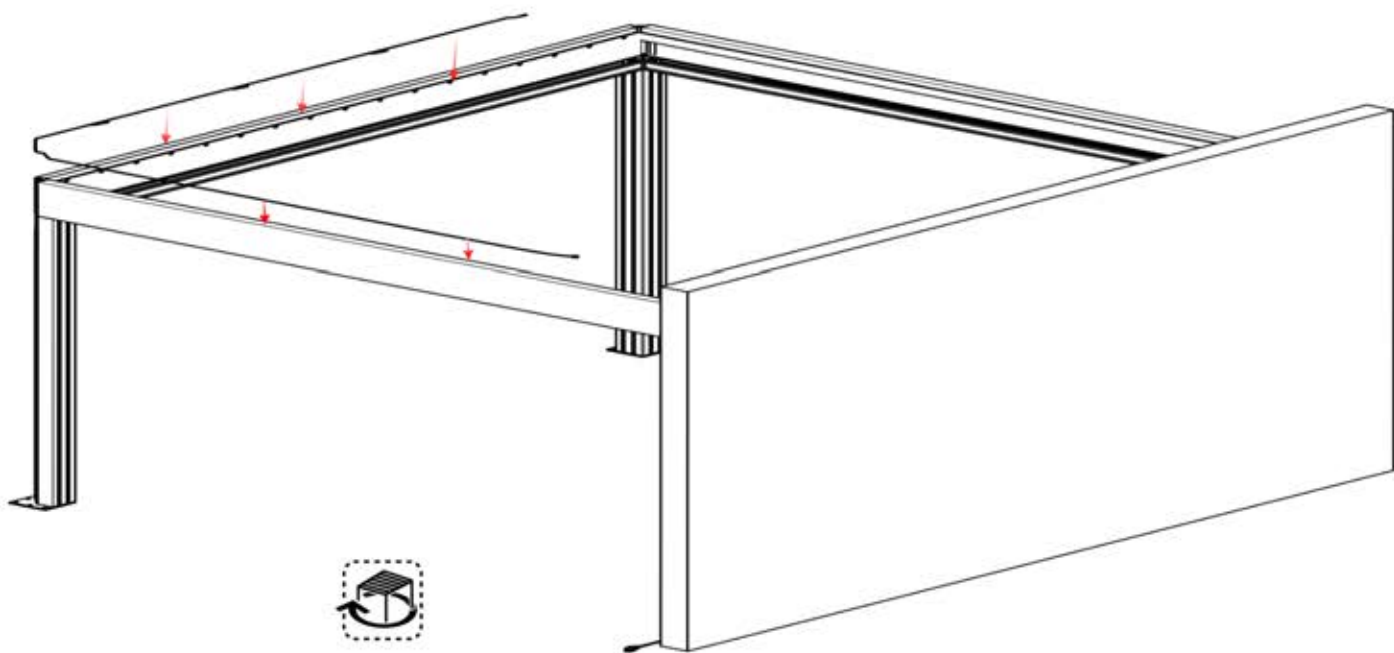


10

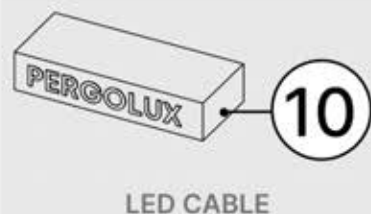
LED CABLE



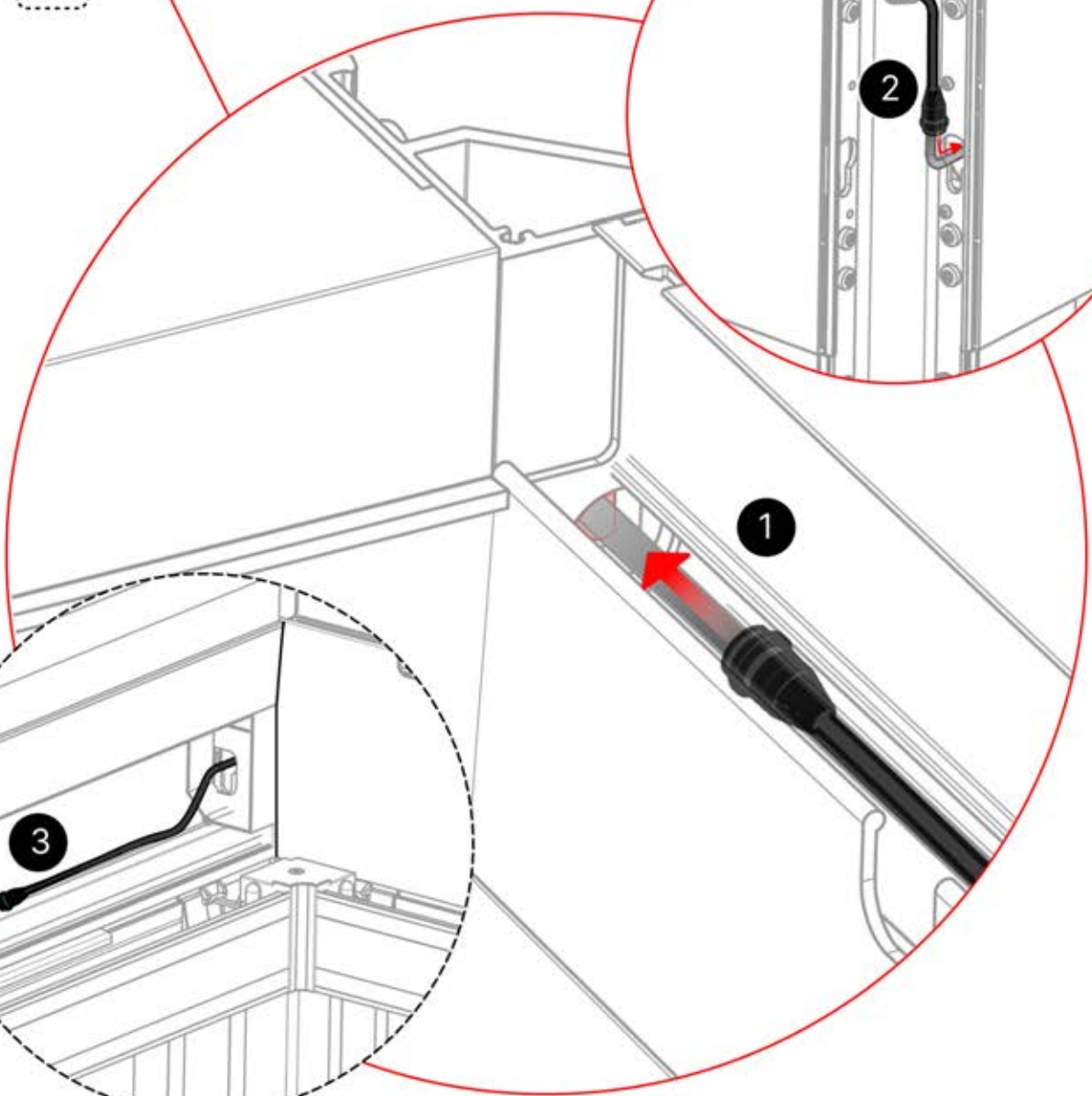
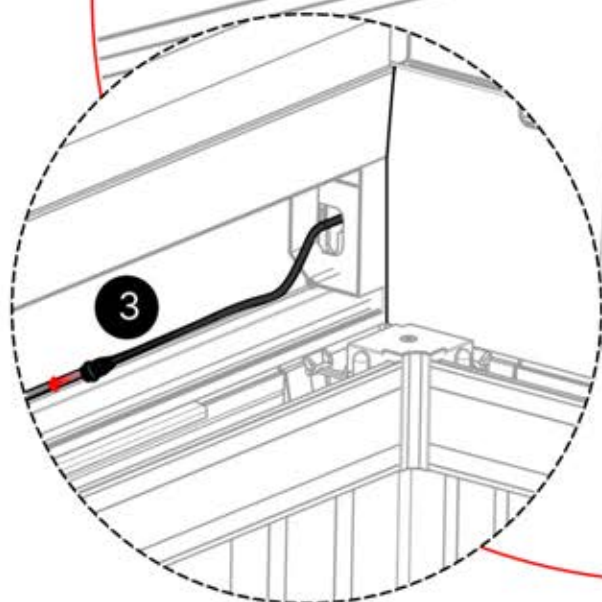
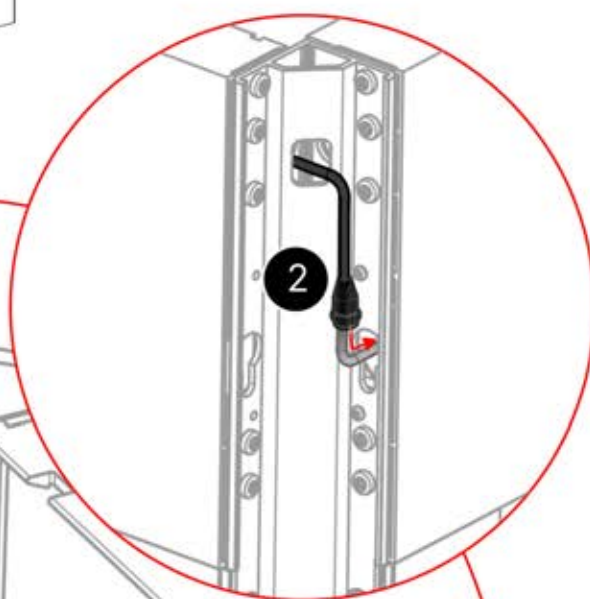
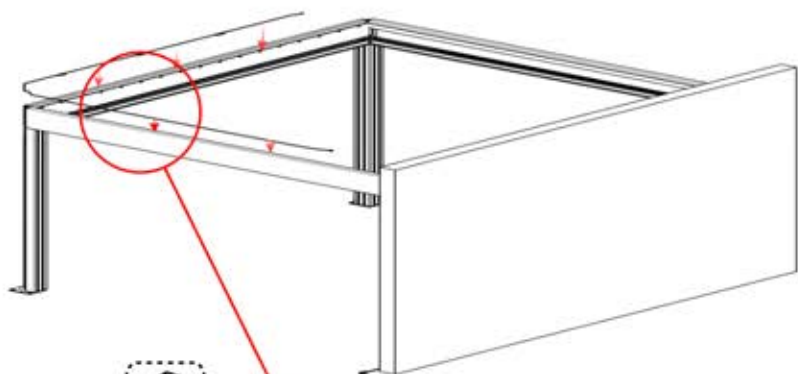
6 LED HARNESS



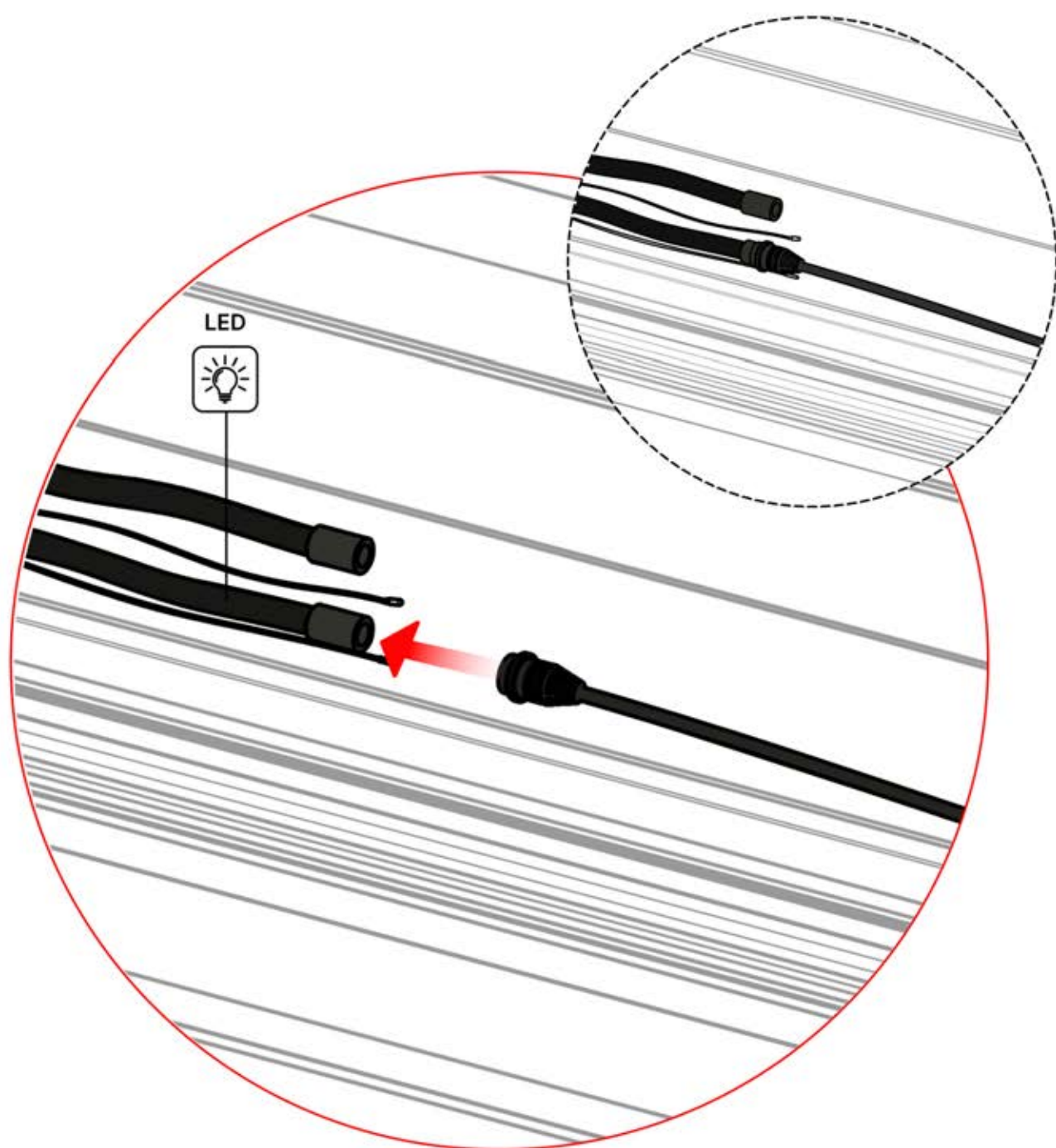
39



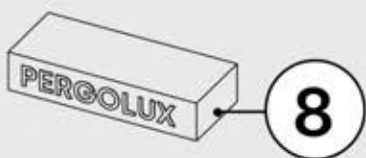
6 LED HARNESS

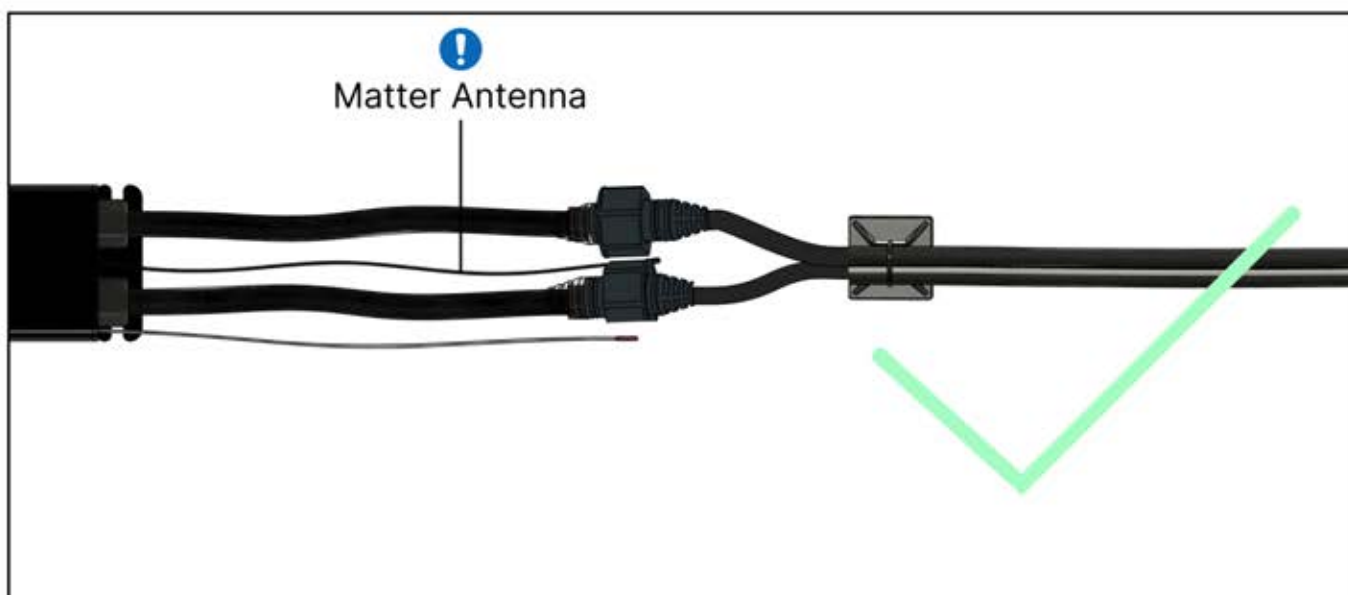
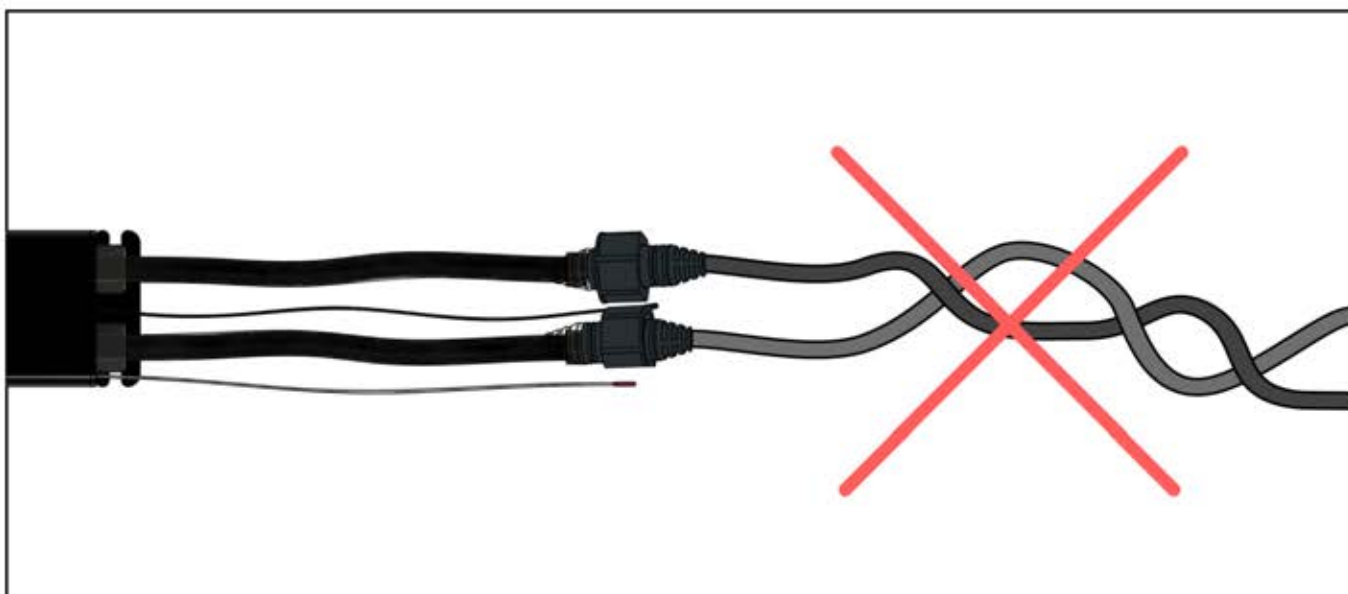


40

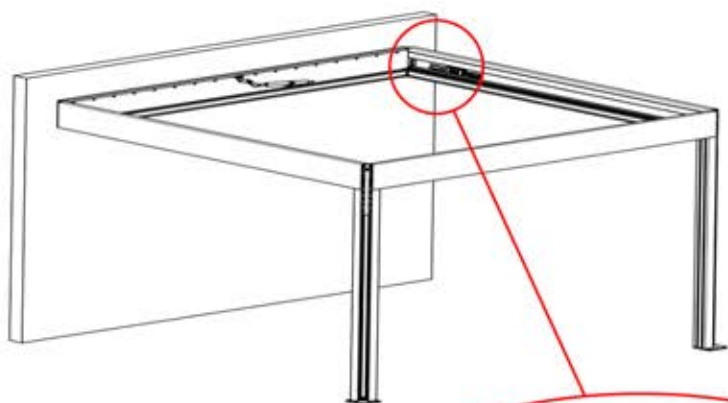


41

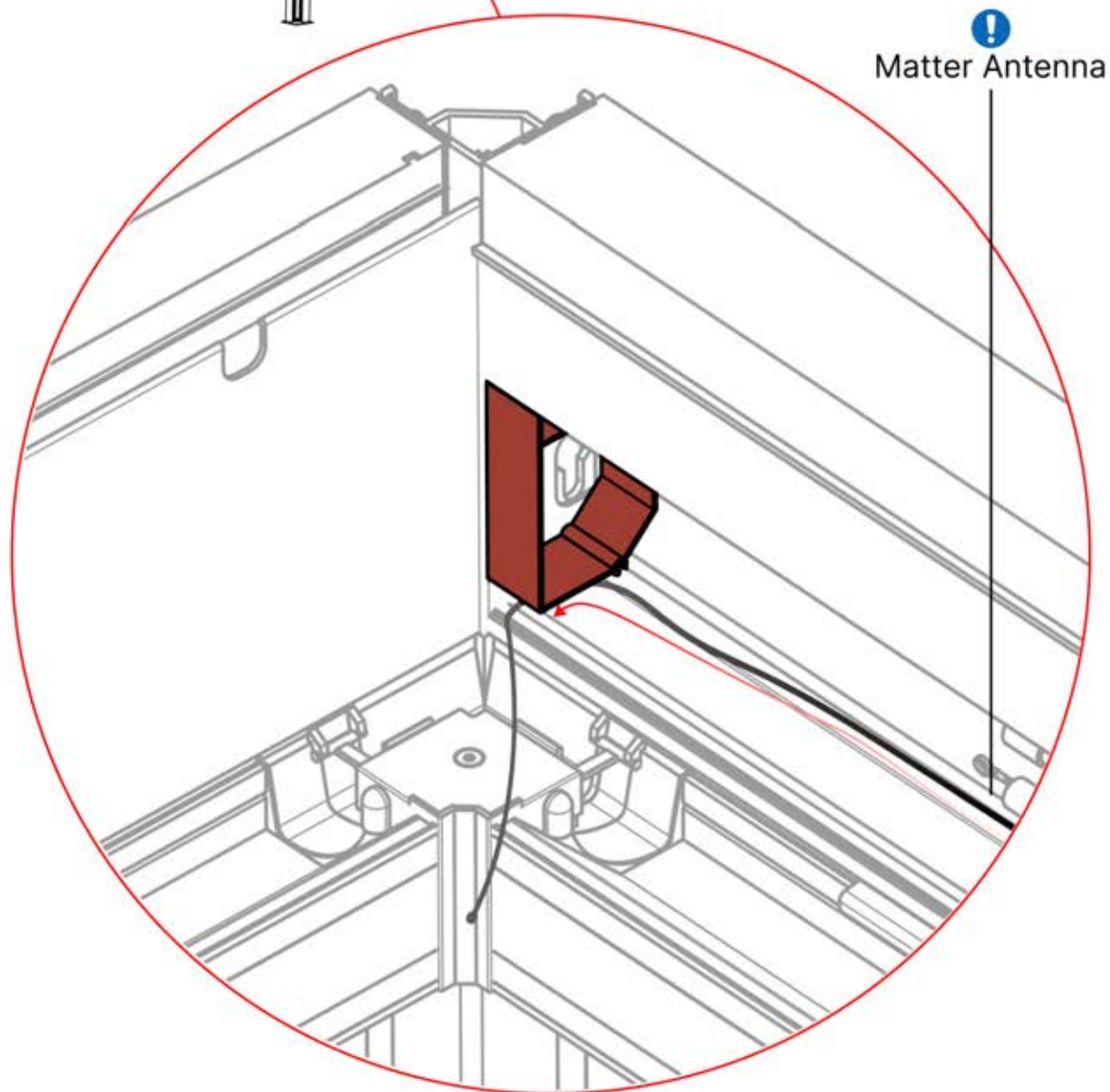
 CONTROL BOX	S4  PN-200002683 5x  PN-200002684 10x
 Keep the Matter Antenna wire free and do not tie them with LED and Motor wire	



42

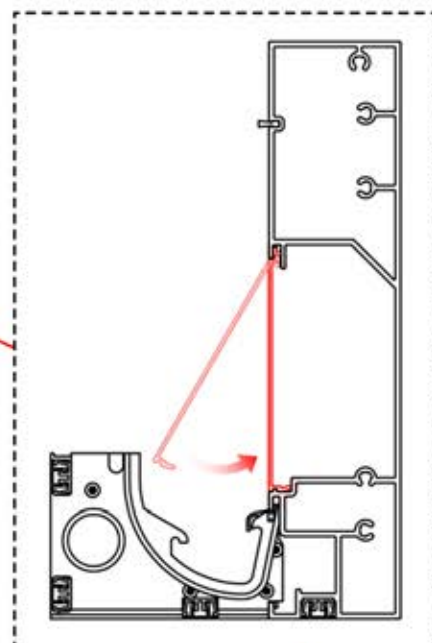
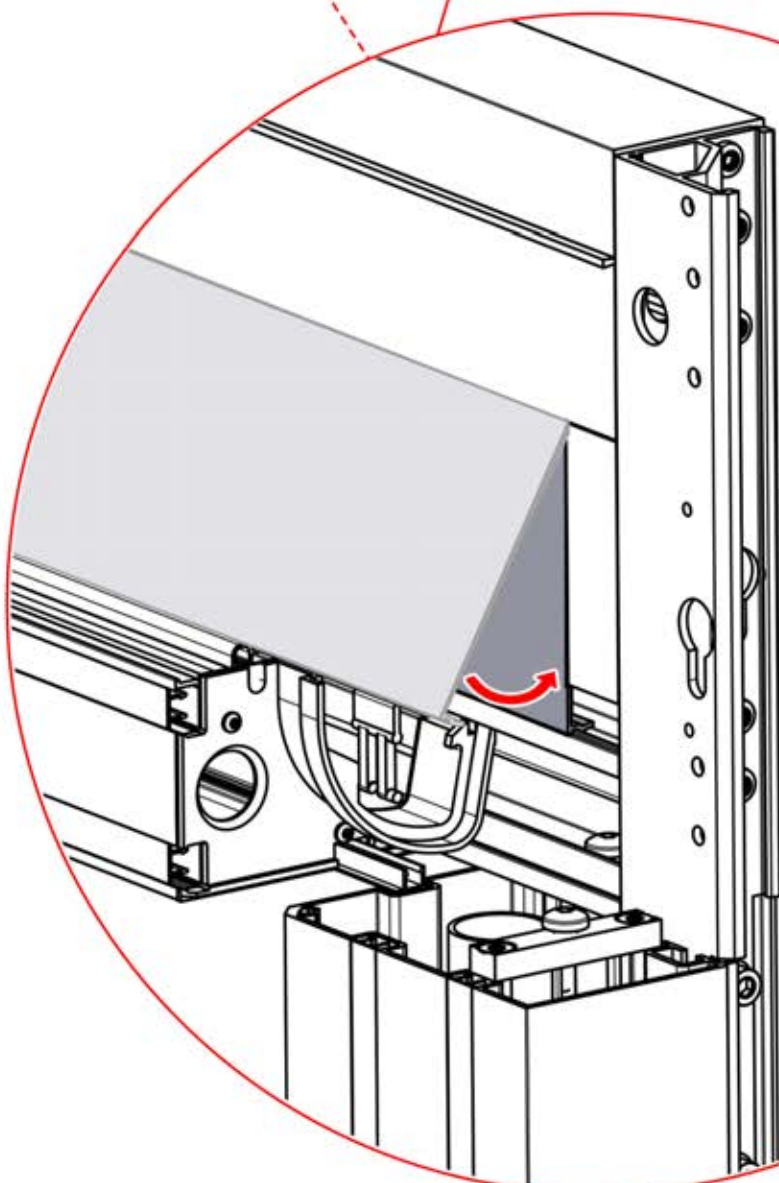
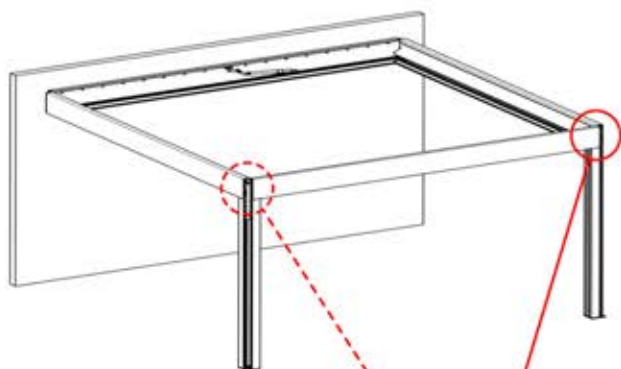
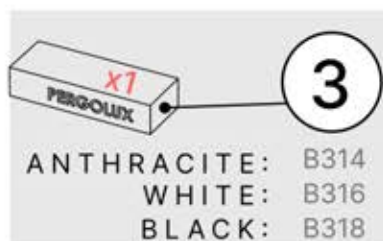



Route the Matter
Antenna and place it
below the highlighted
part(PN-200002329).

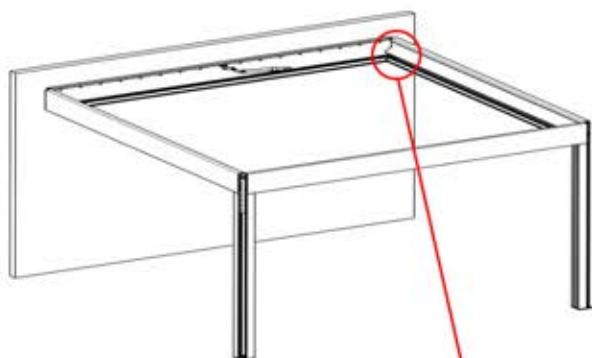



Matter Antenna

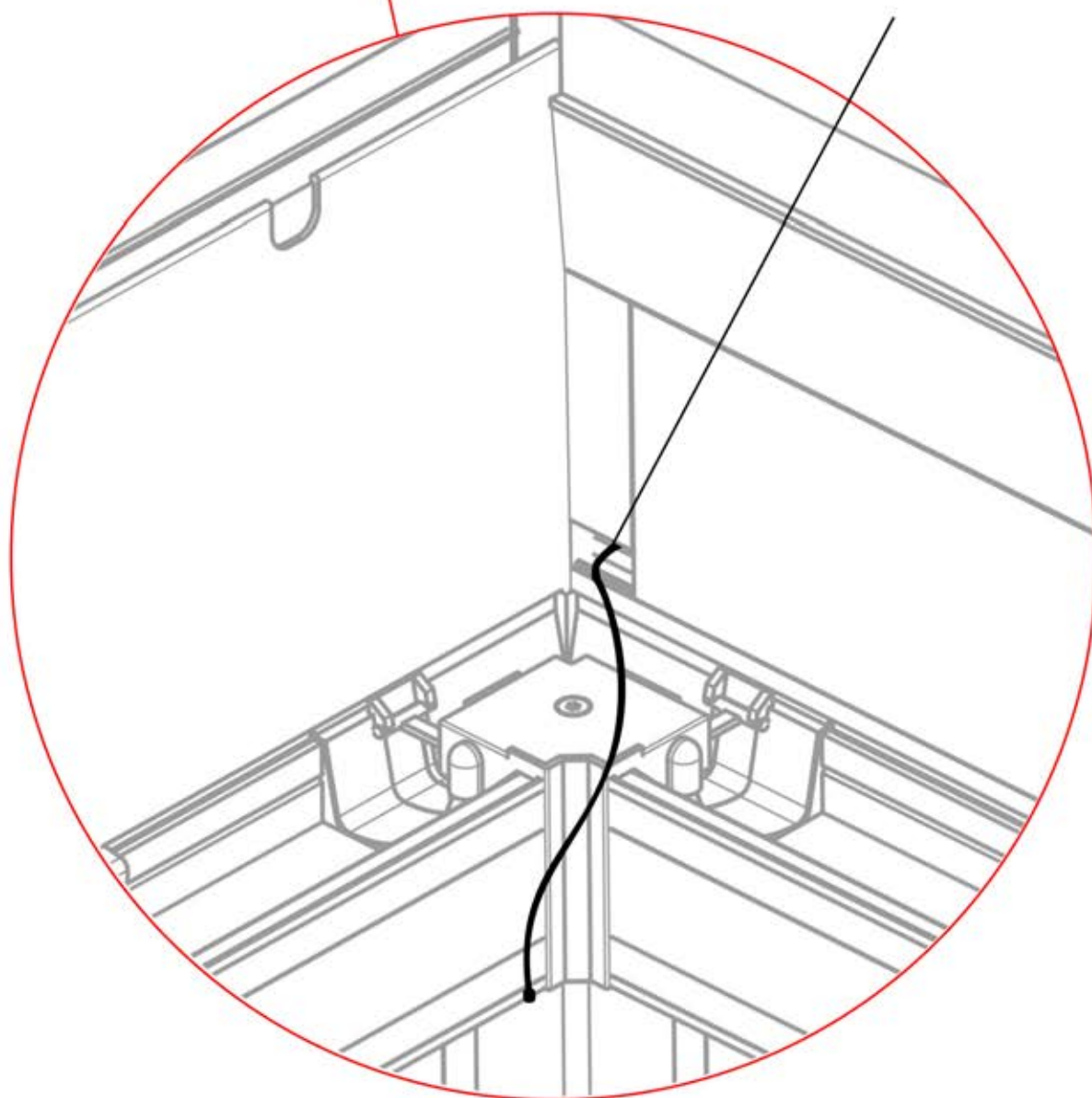
43



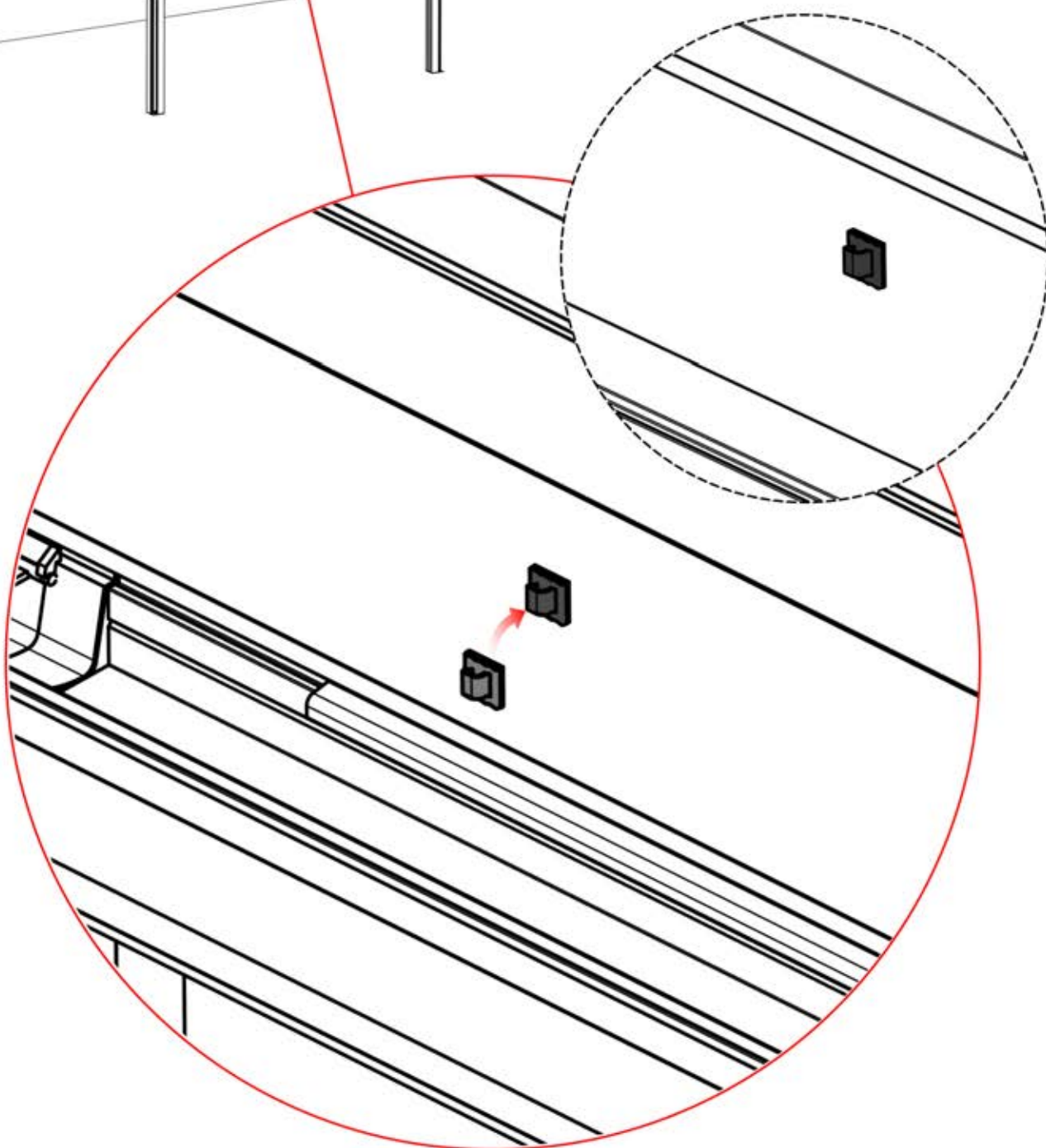
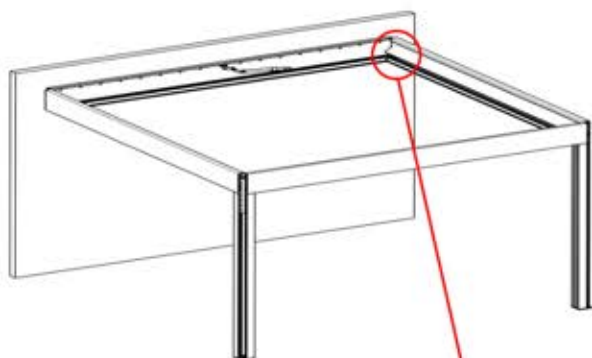
INFORMATION



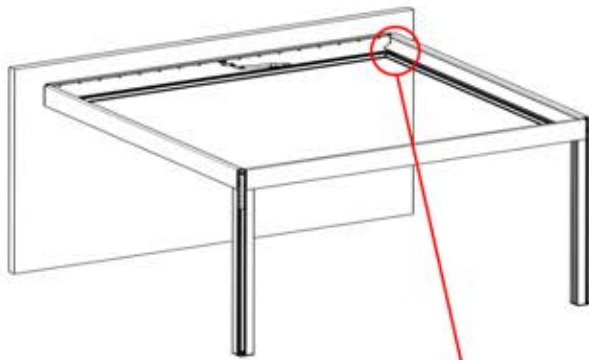
Matter Antenna



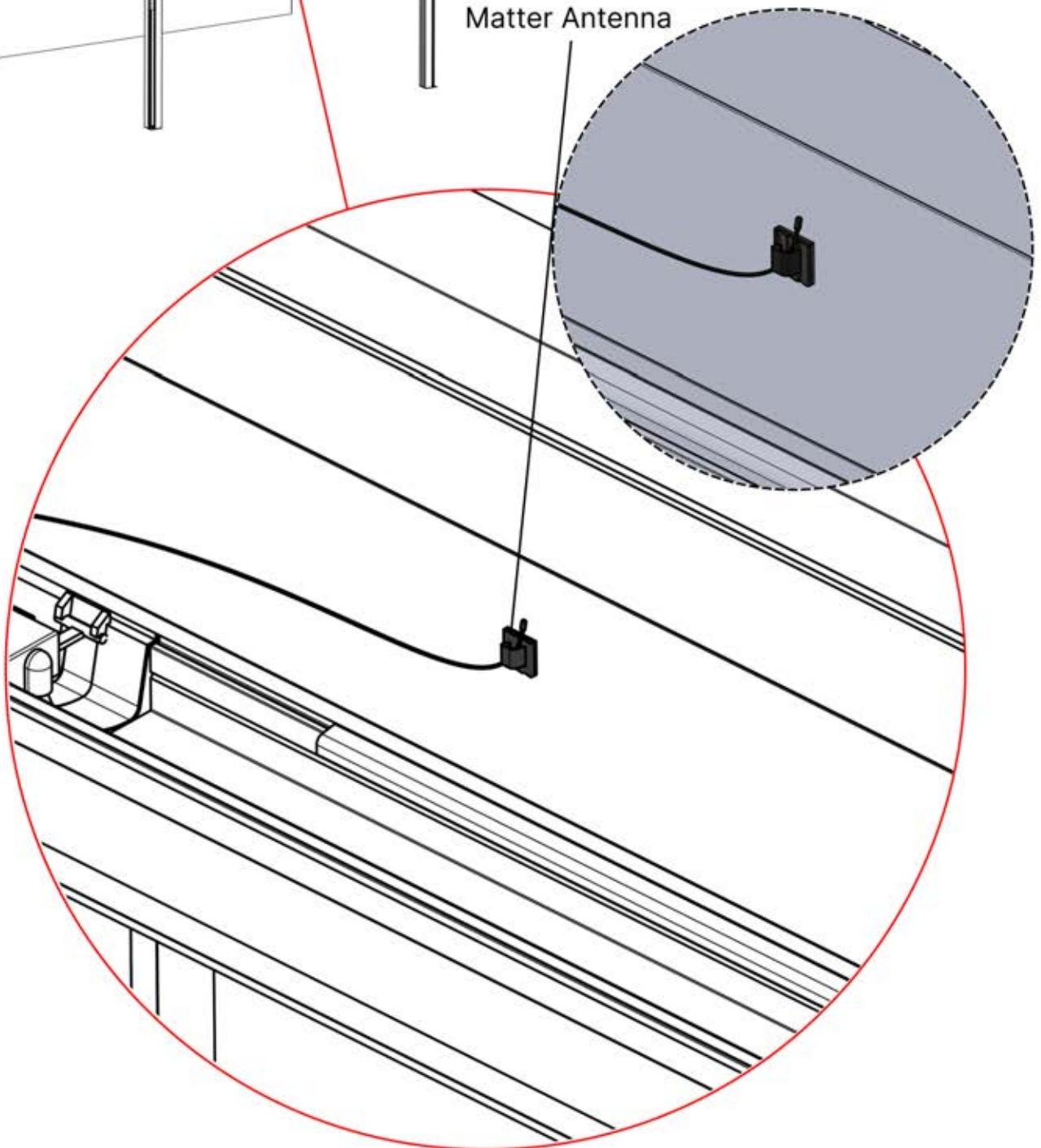
44



45



Matter Antenna





PERGOLUX PRO MAX+ 4x6

PN-200002367

4
5
6
18x



Standard = **S**



PN-200002365

5
6x



LED =



PN-200002363

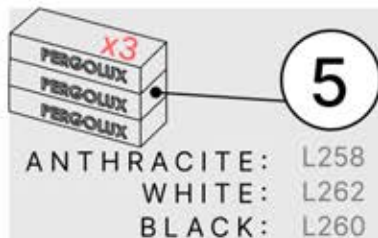
4
1x



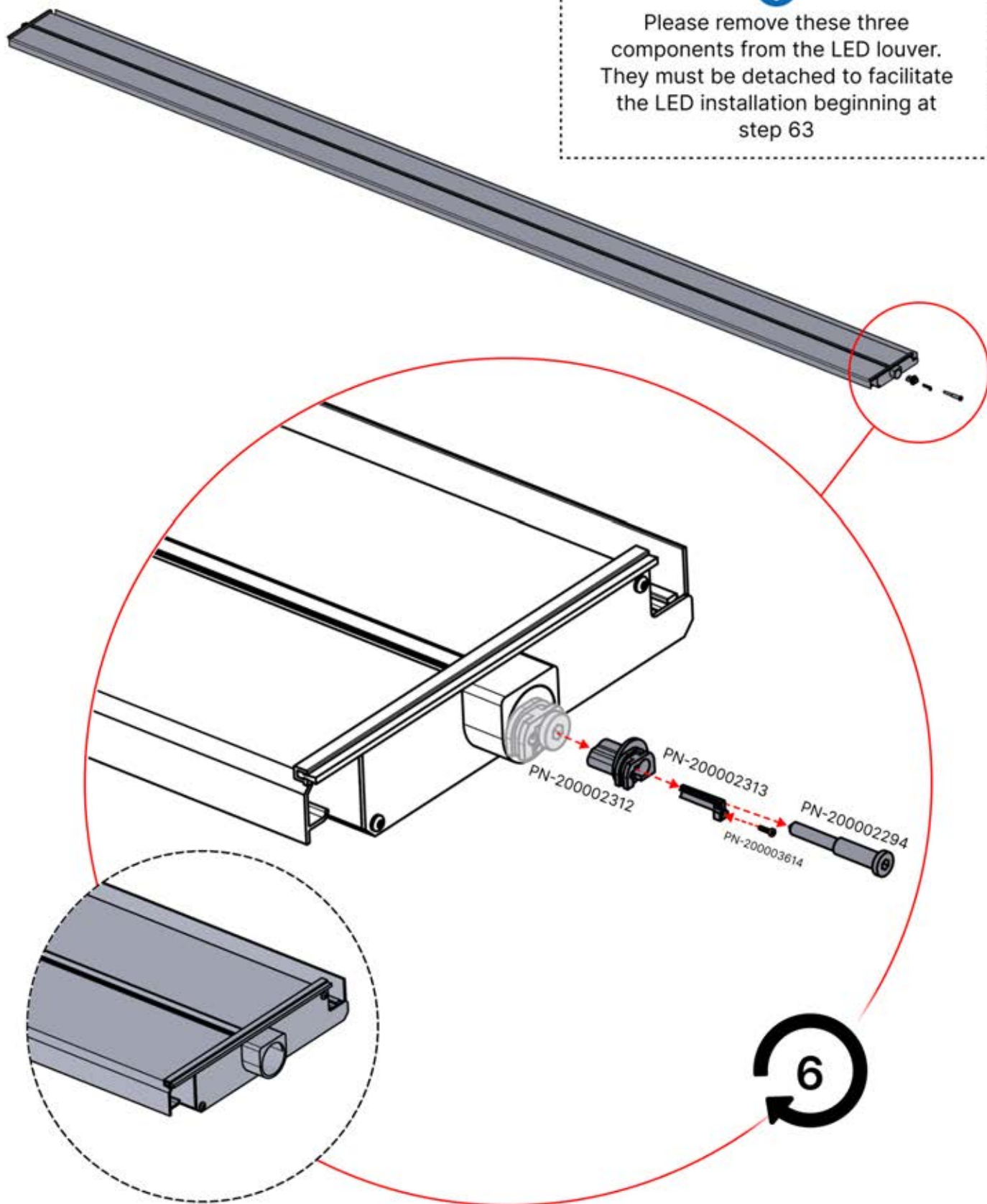
End = **E**



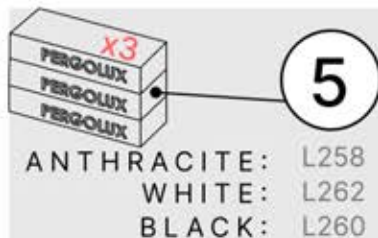
46



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

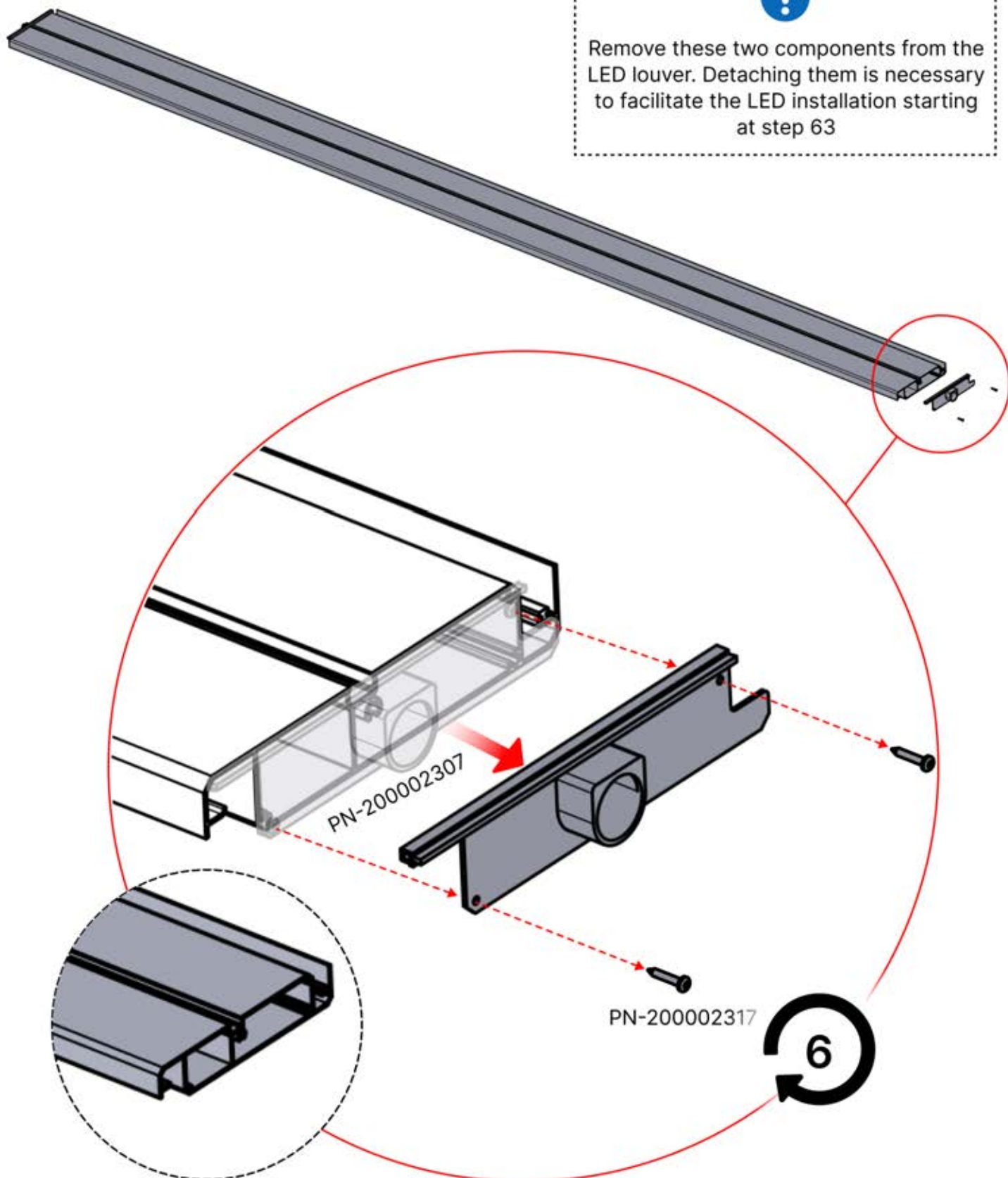


47

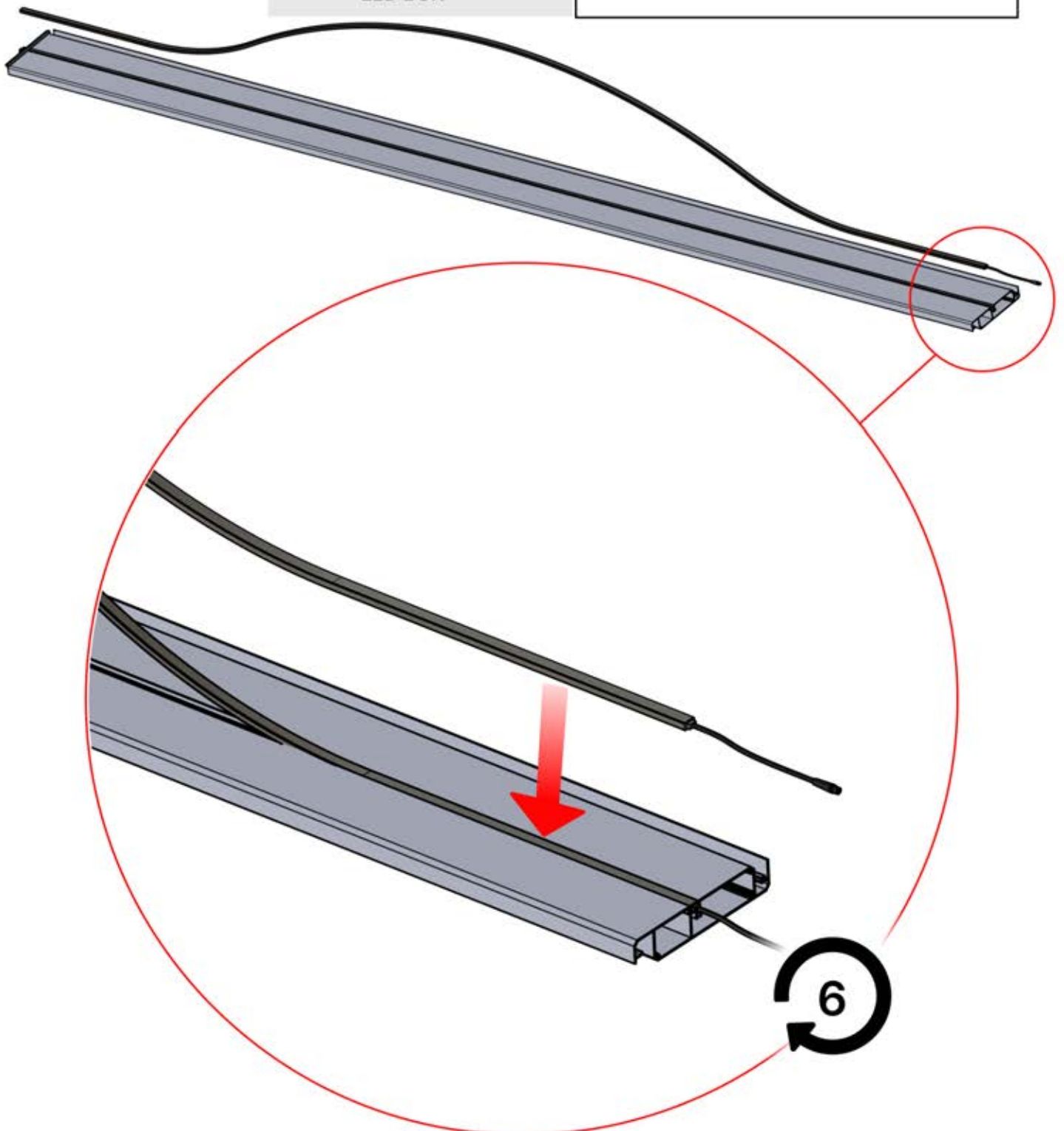
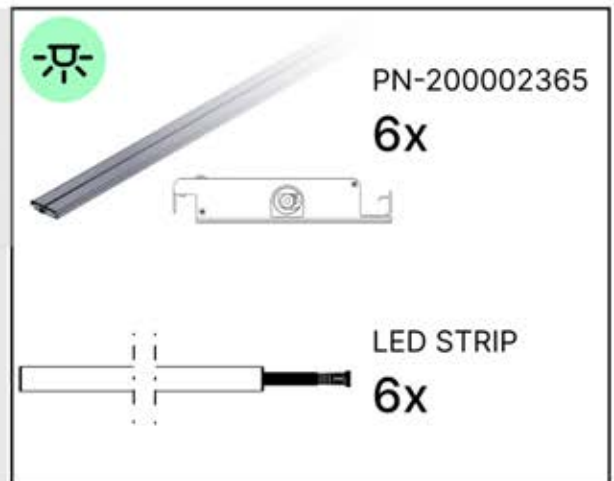
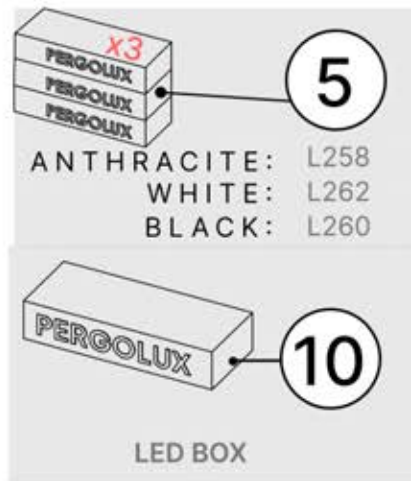


!

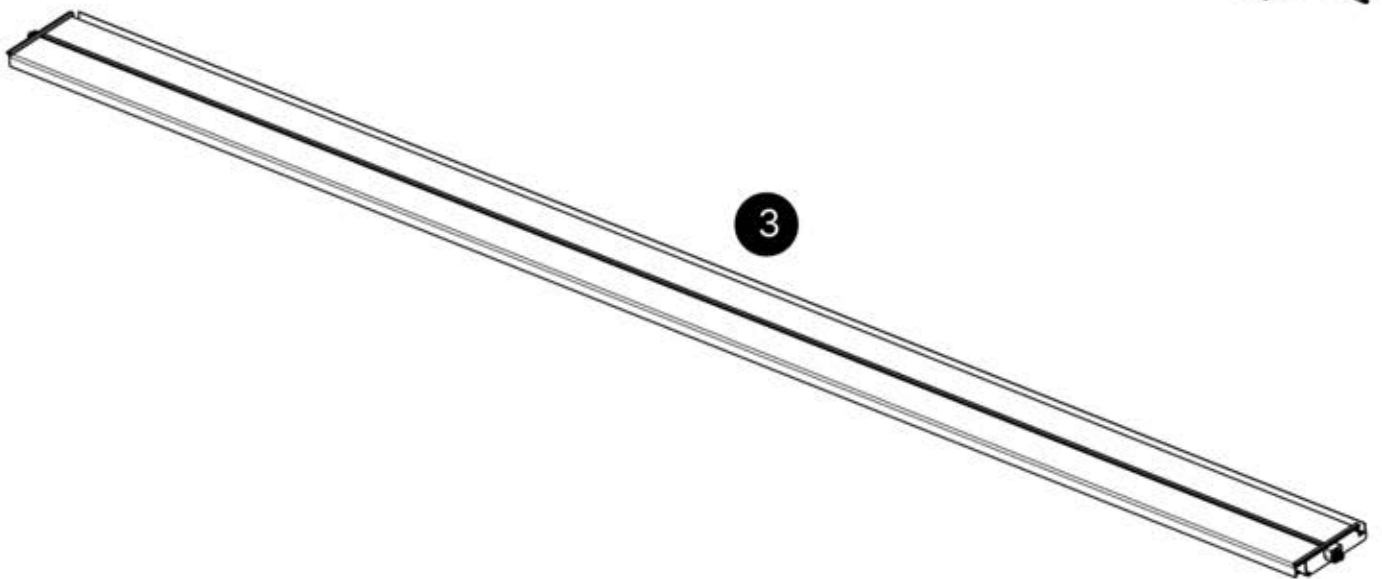
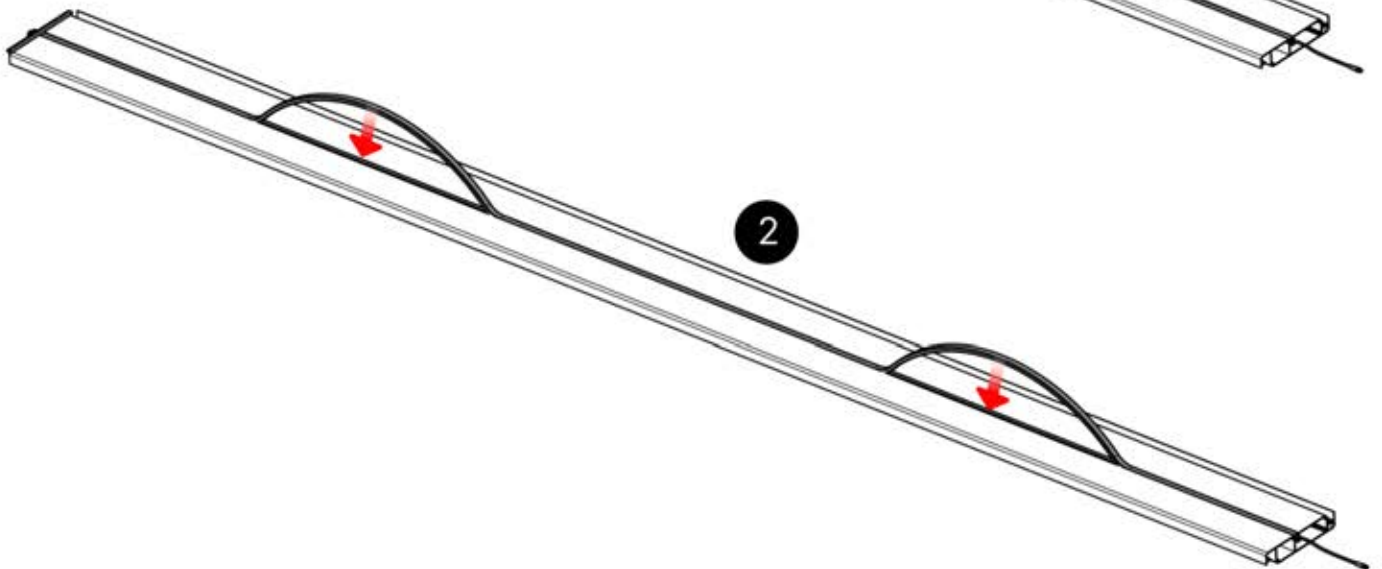
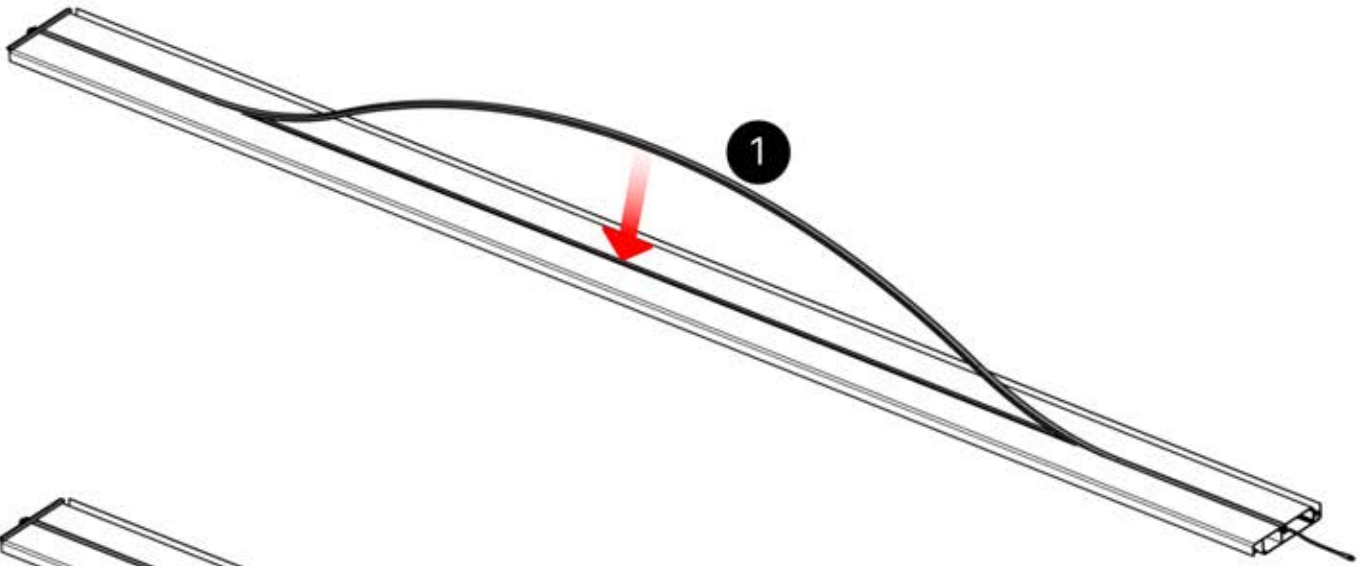
Remove these two components from the LED louver. Detaching them is necessary to facilitate the LED installation starting at step 63



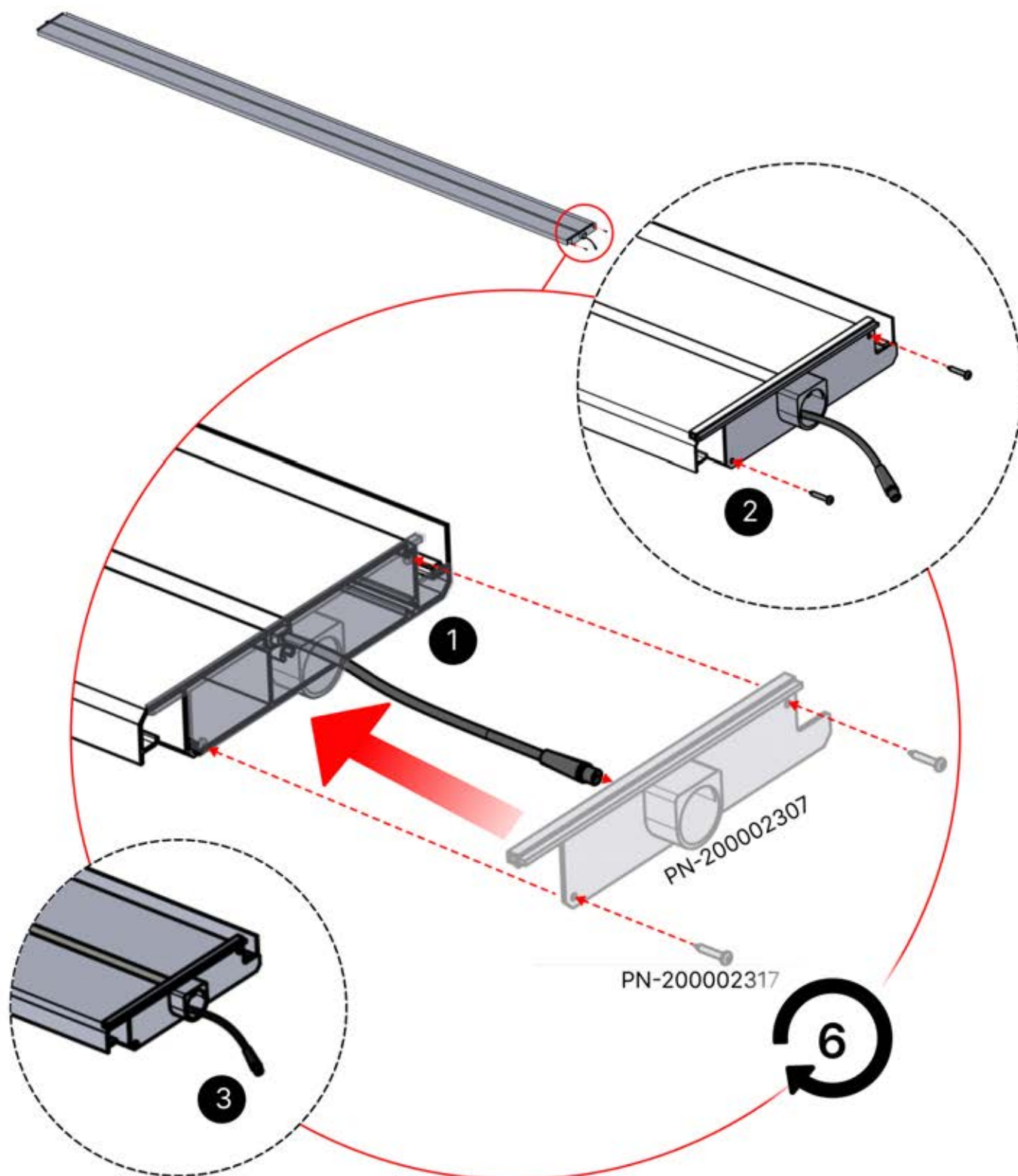
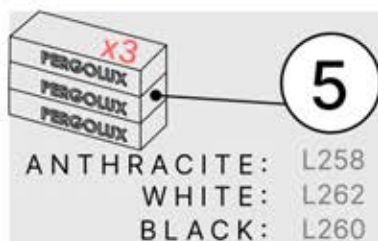
48



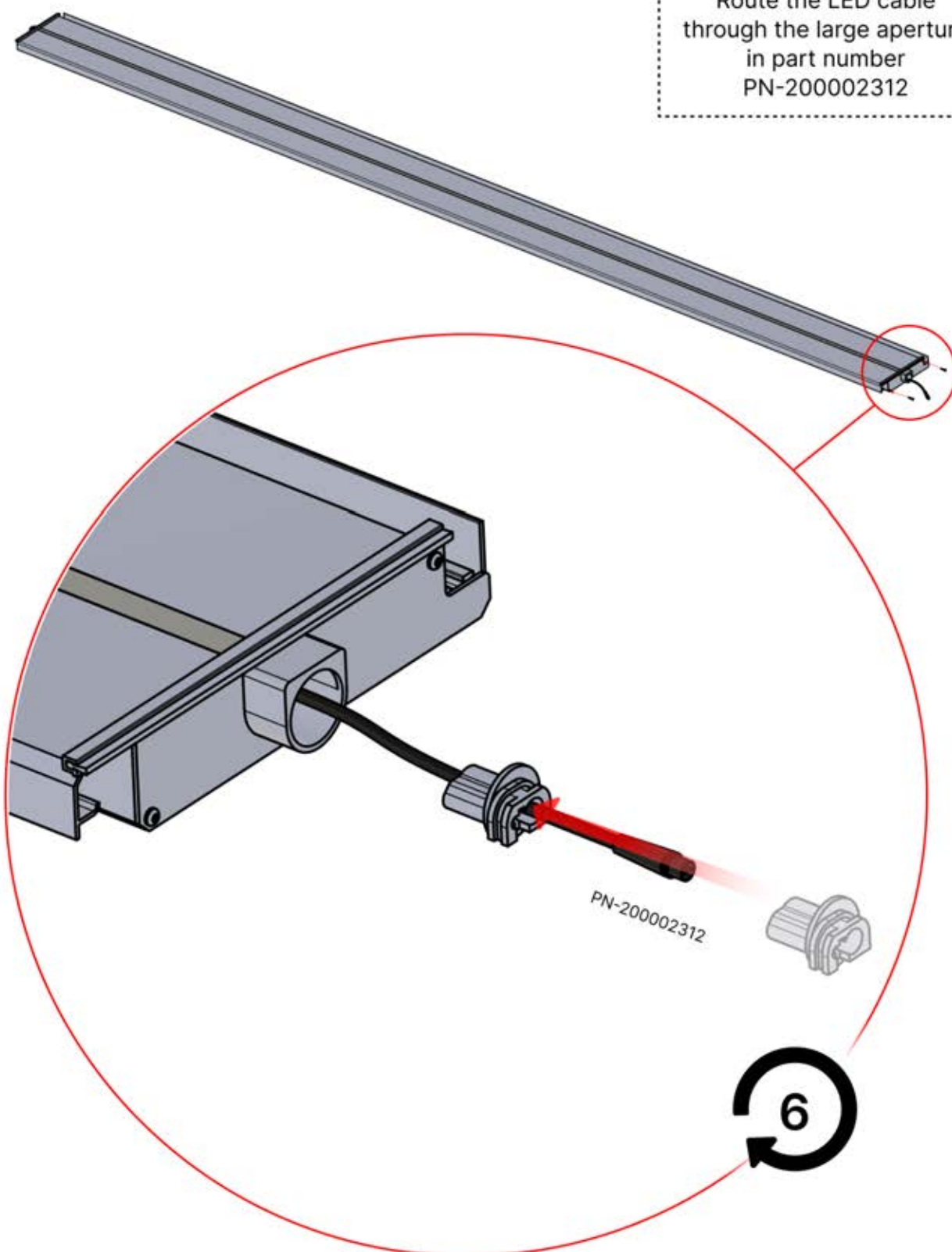
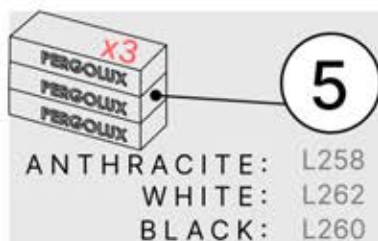
49



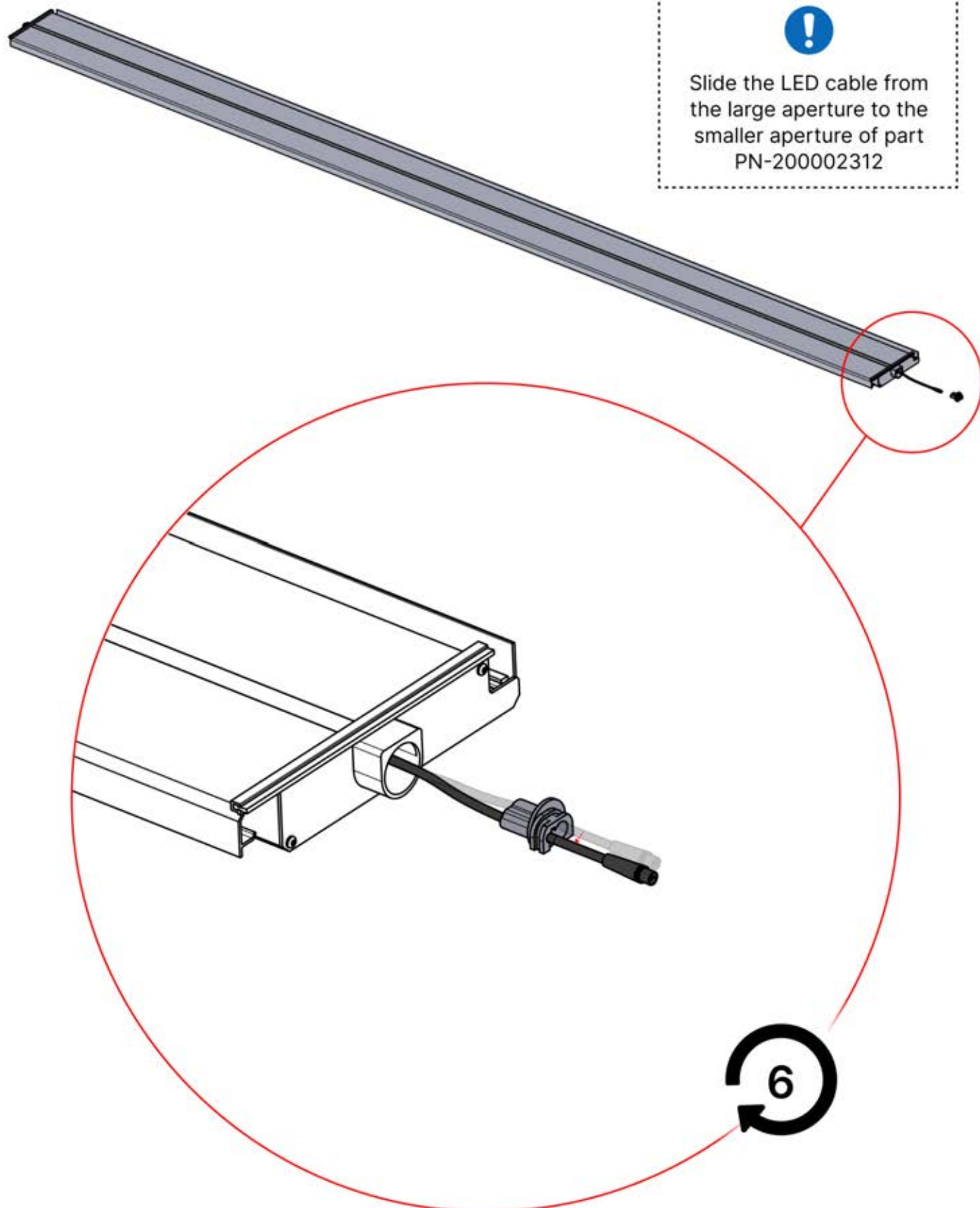
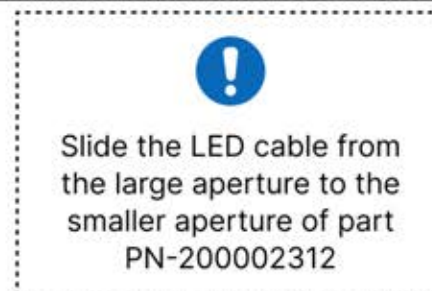
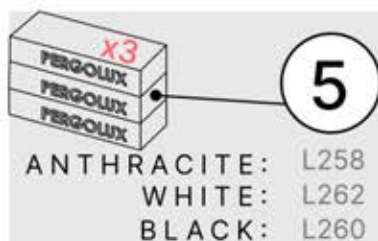
50



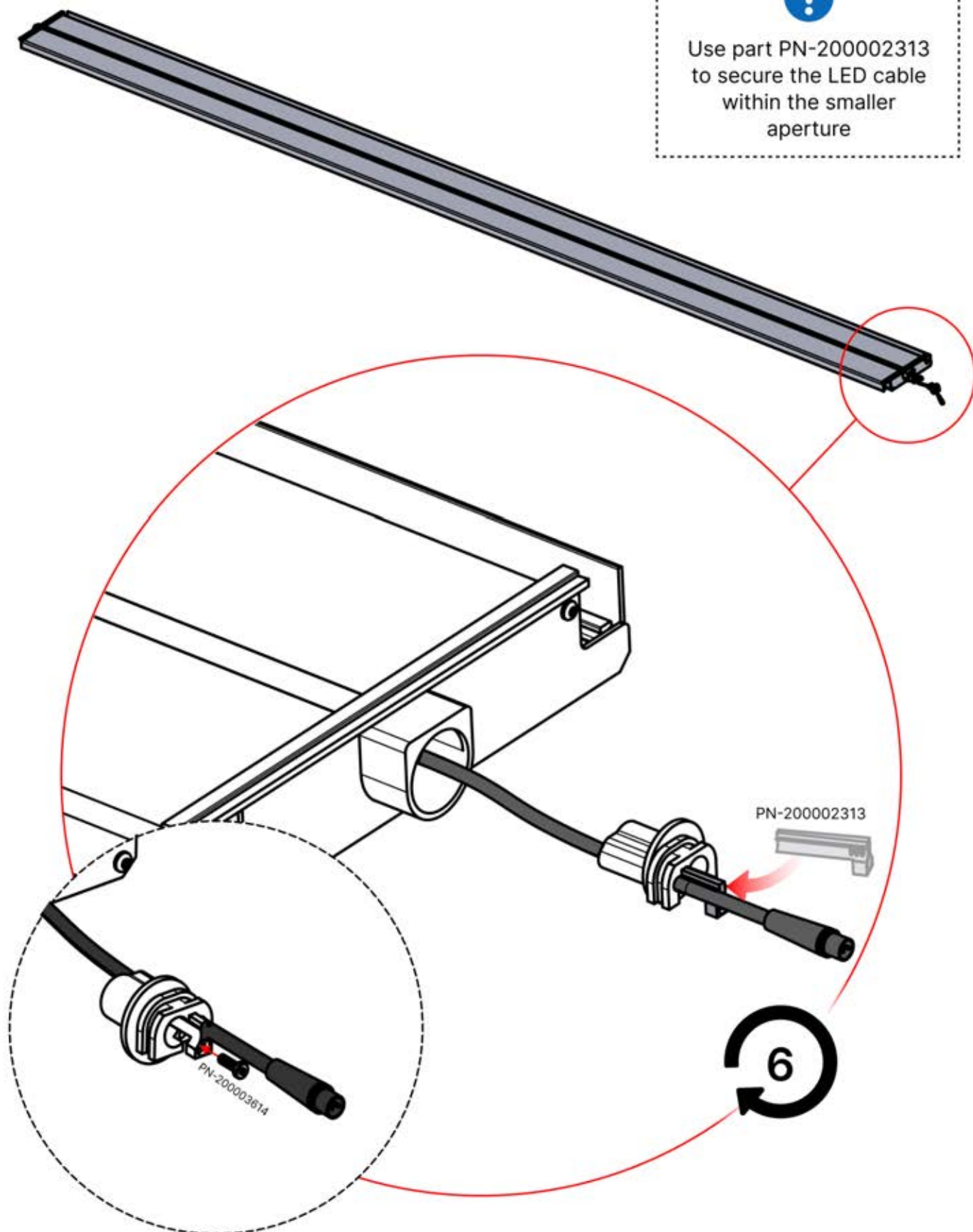
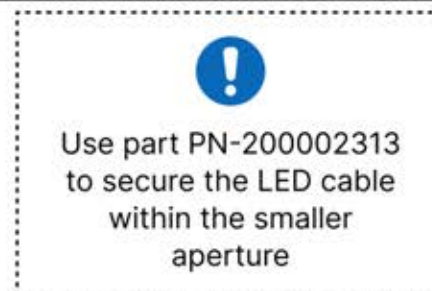
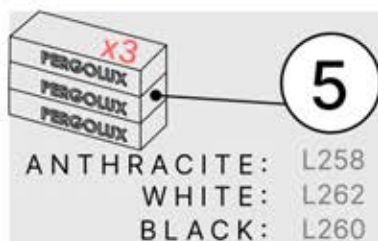
51



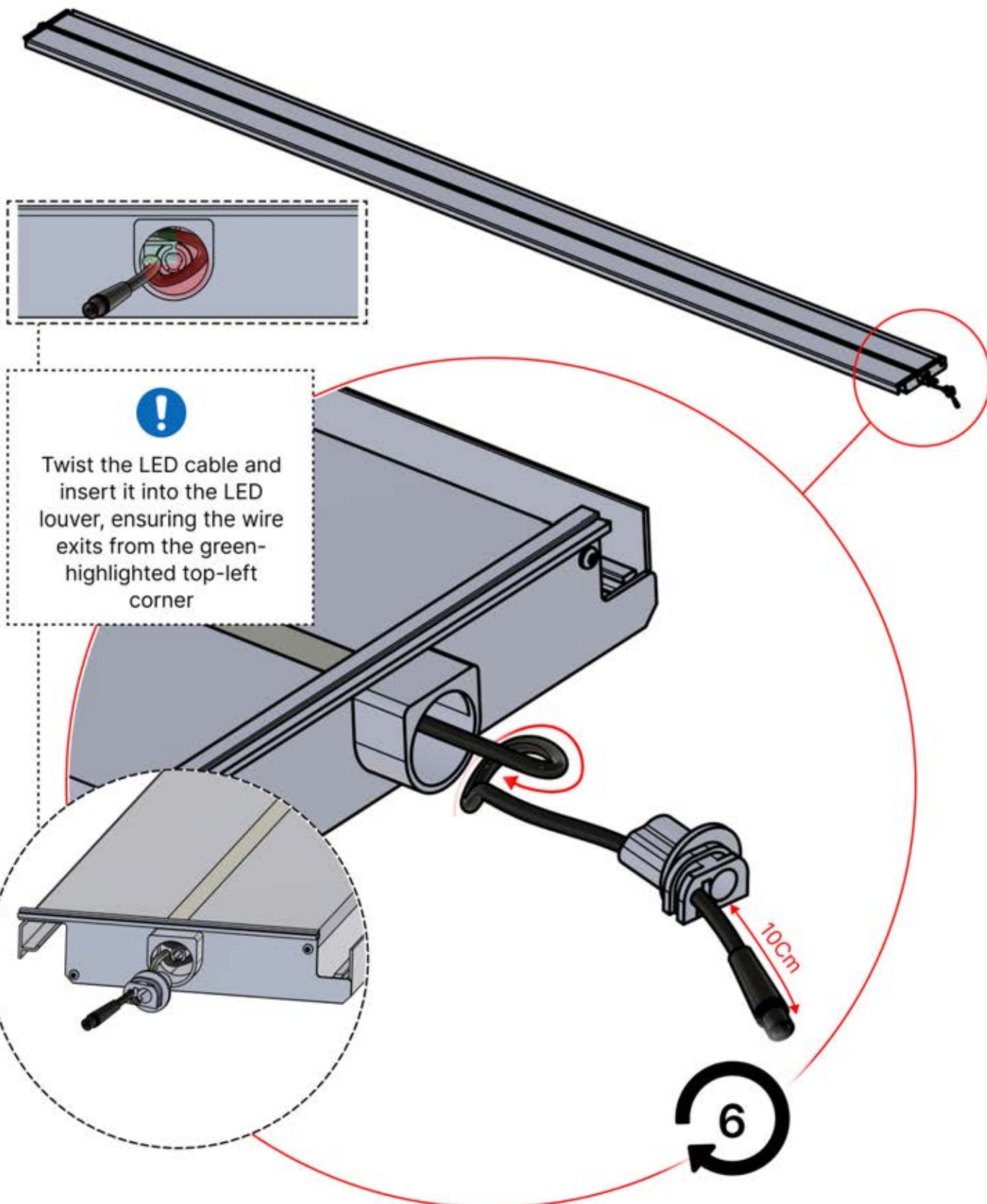
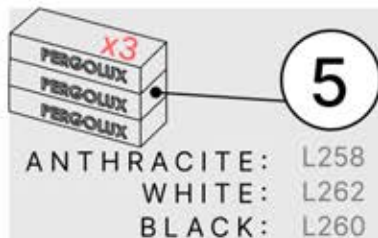
52



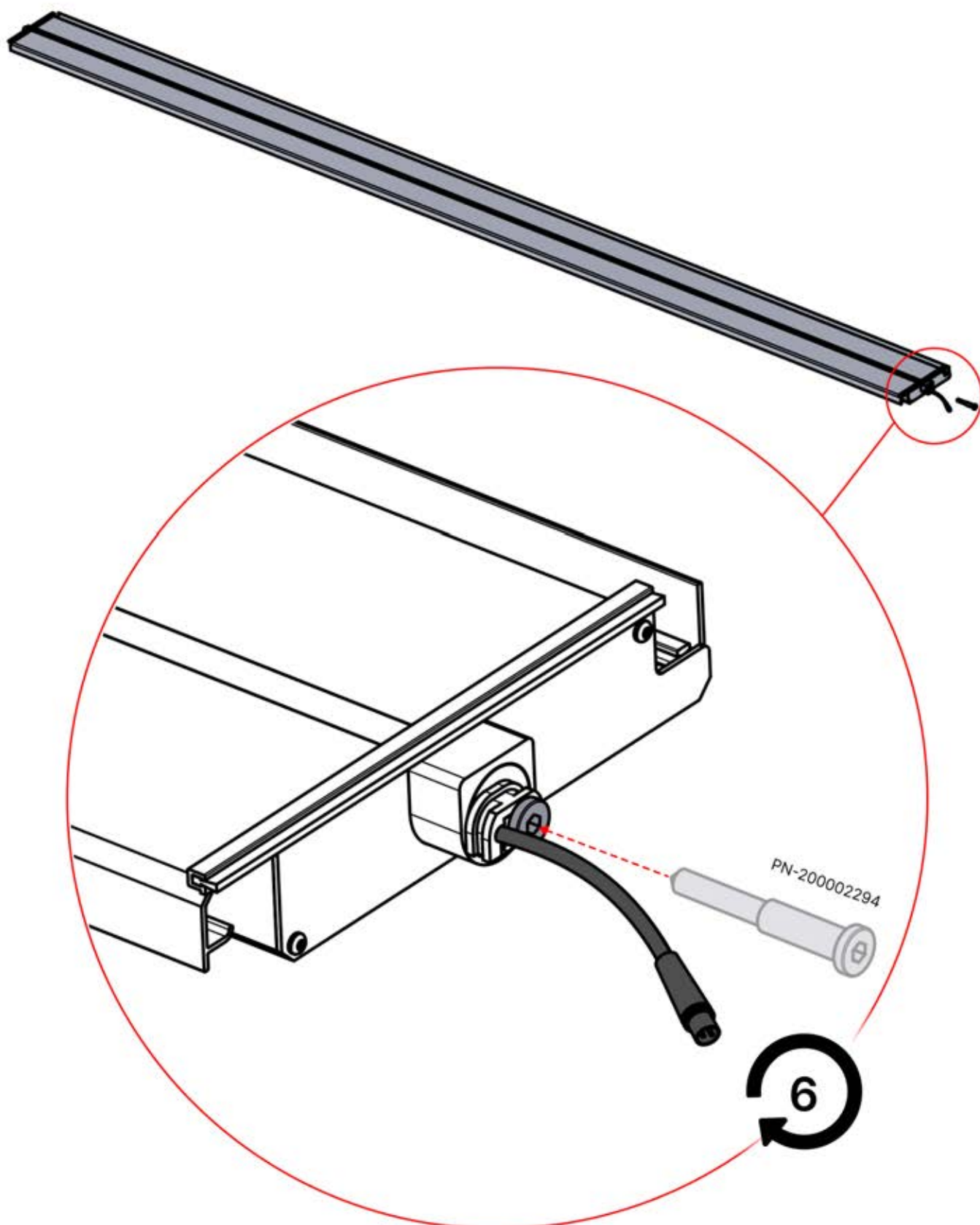
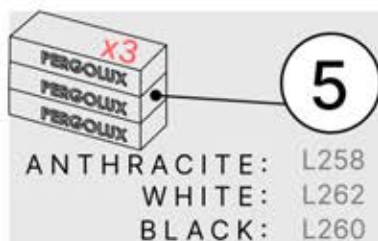
53



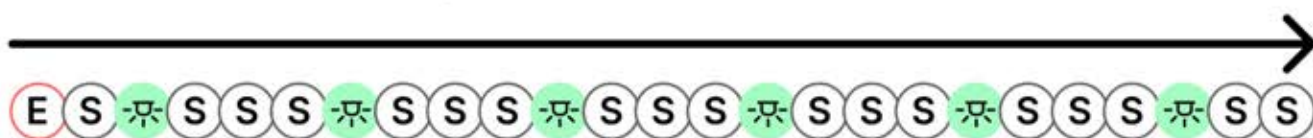
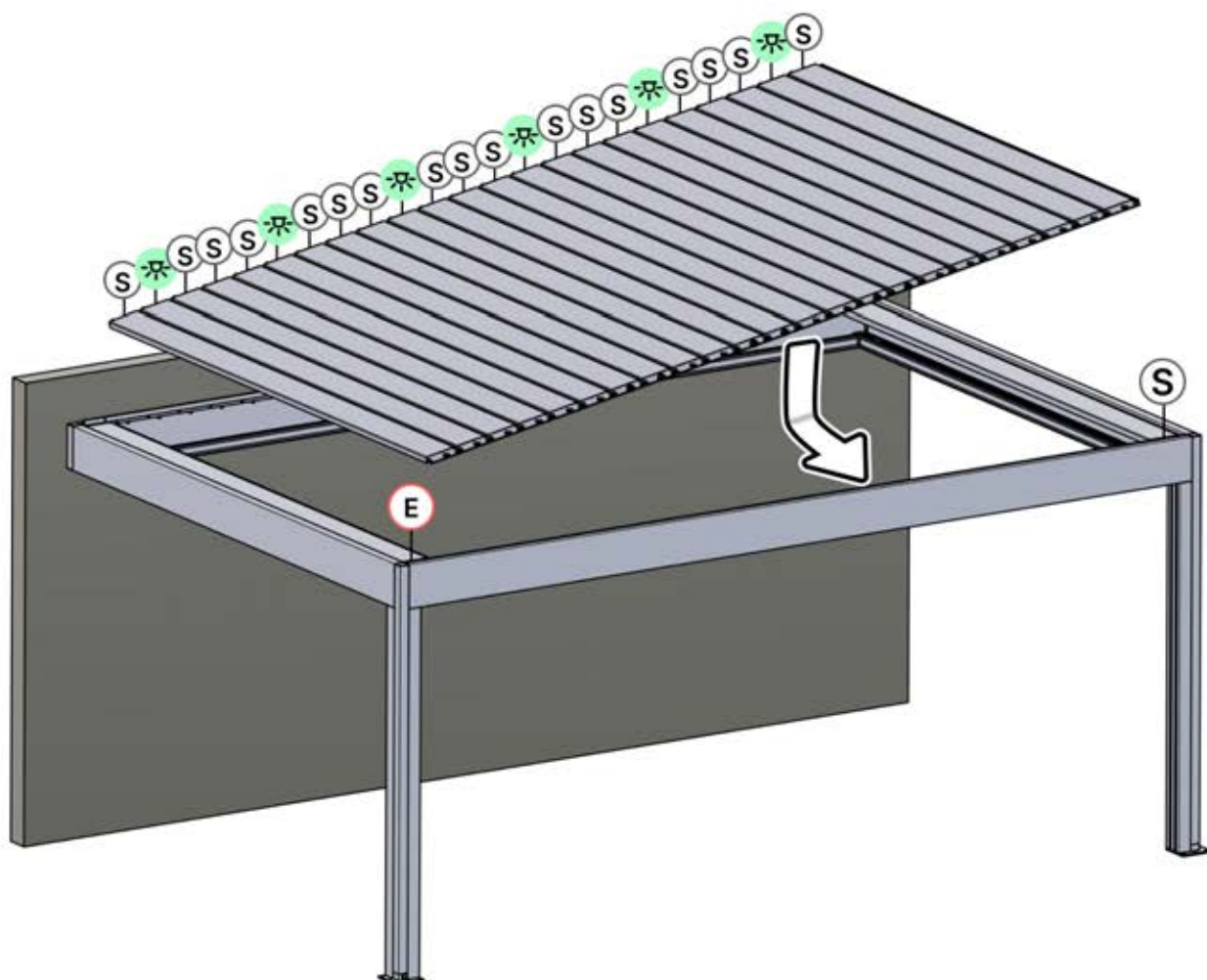
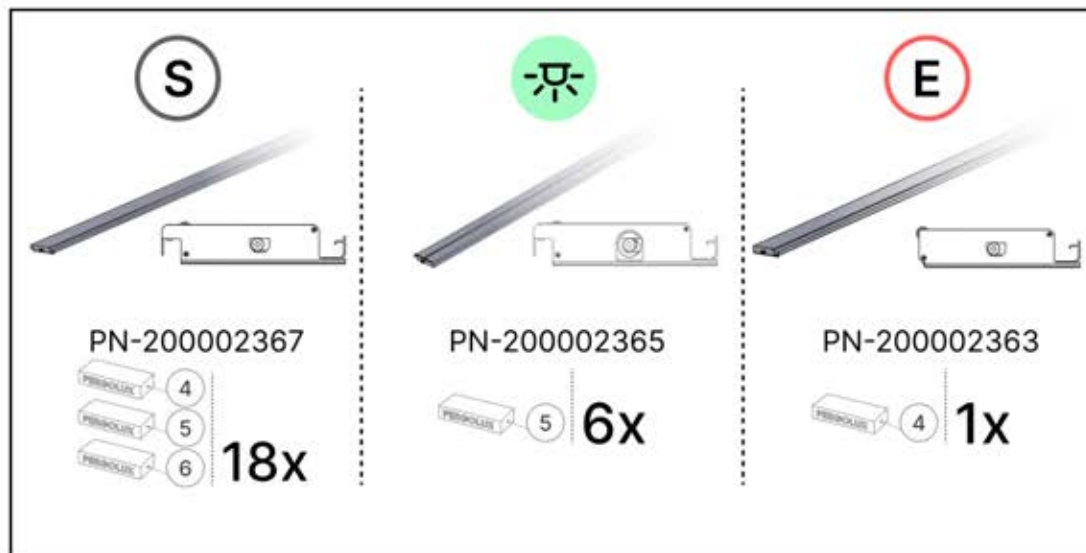
54



55



56



57



4

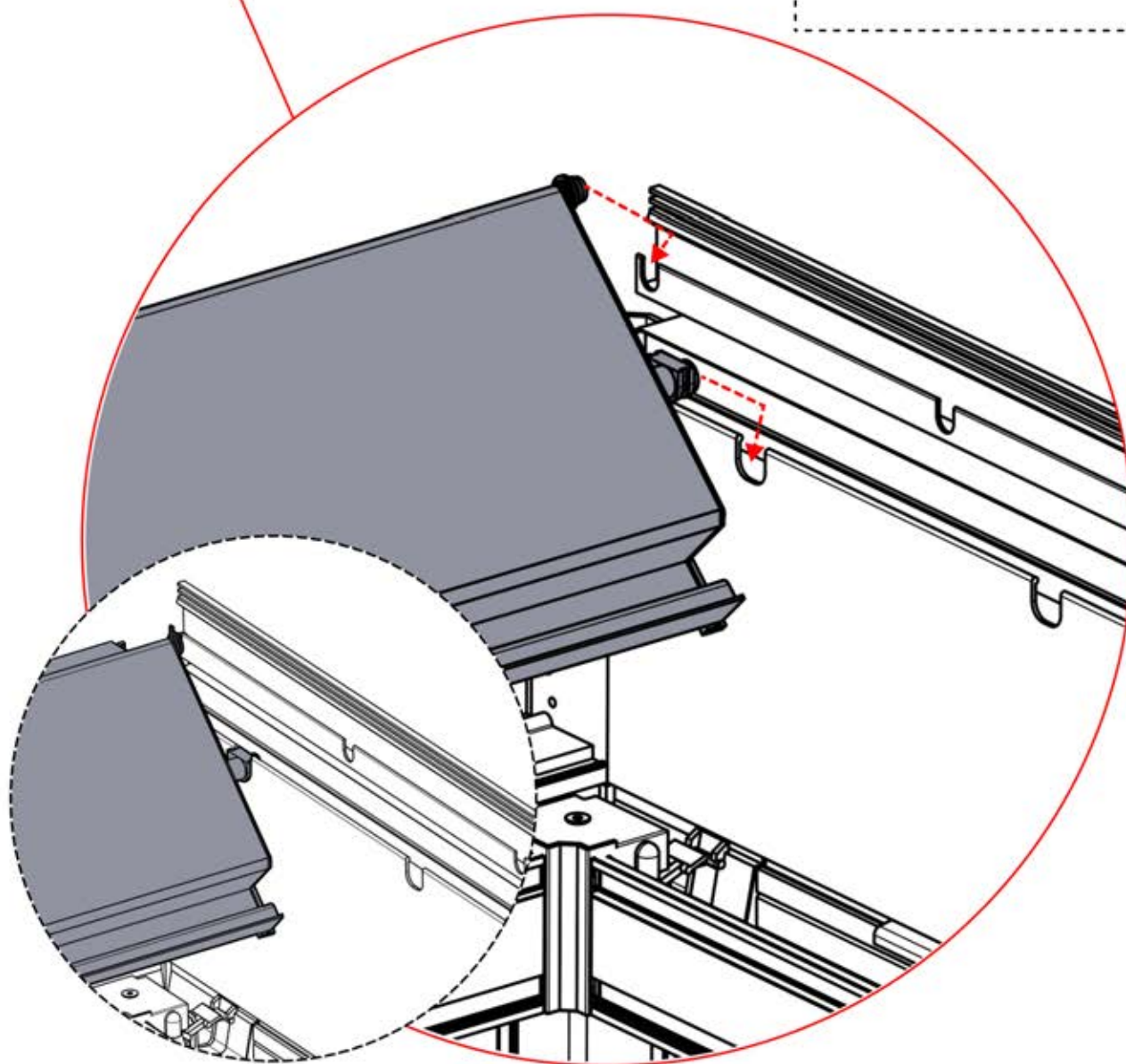
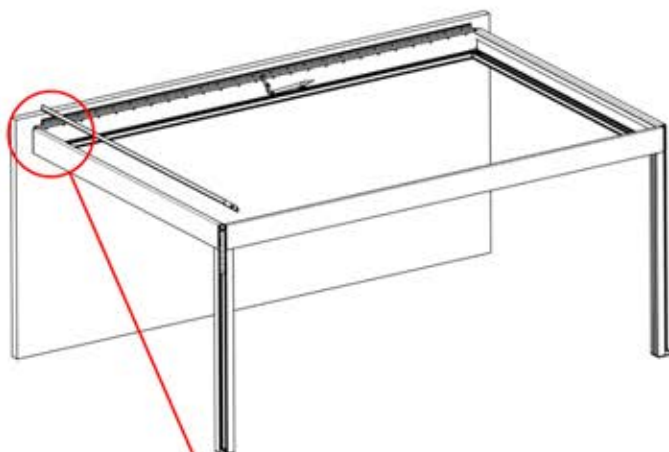
ANTHRACITE: L270
WHITE: L274
BLACK: L272

E



PN-200002363

1x



58



4

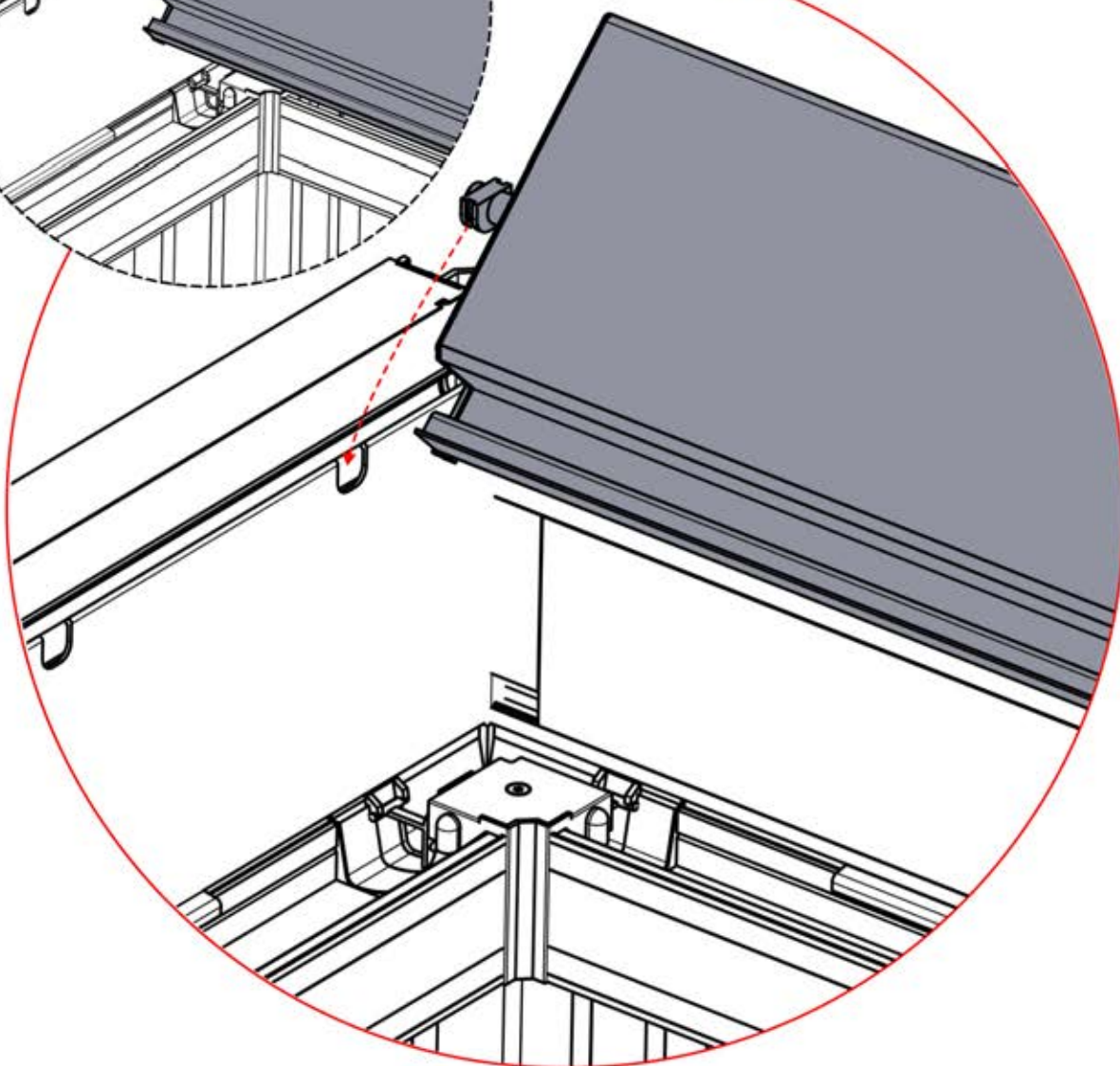
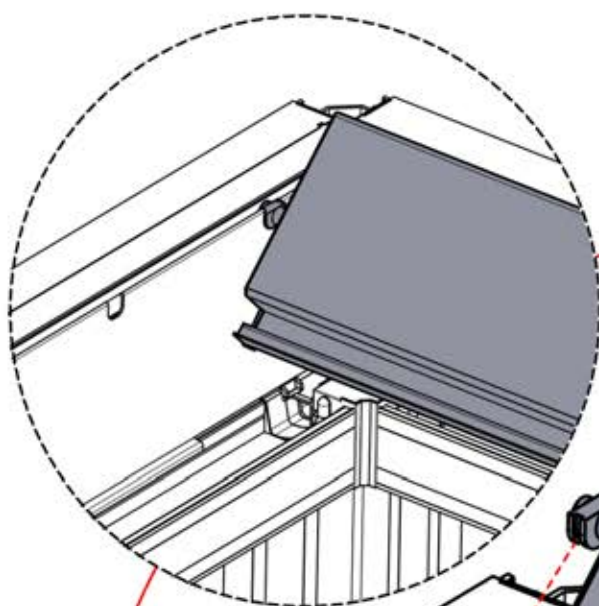
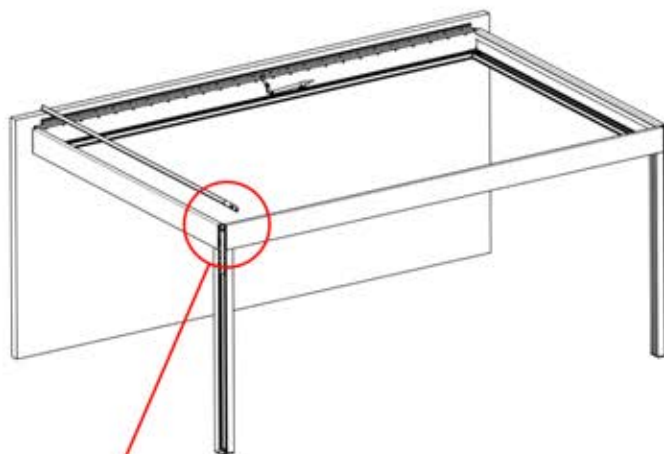
ANTHRACITE: L270
WHITE: L274
BLACK: L272

E

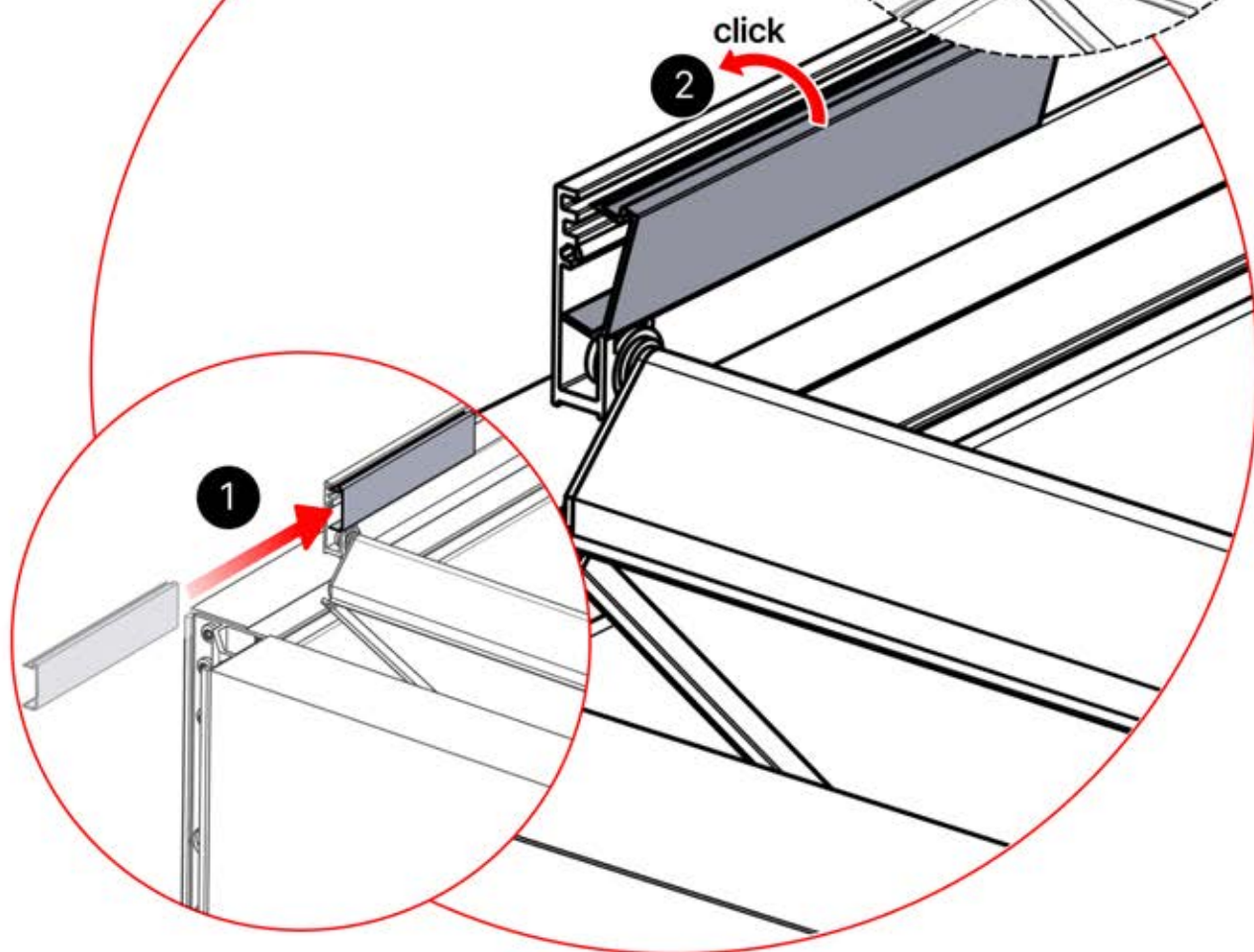
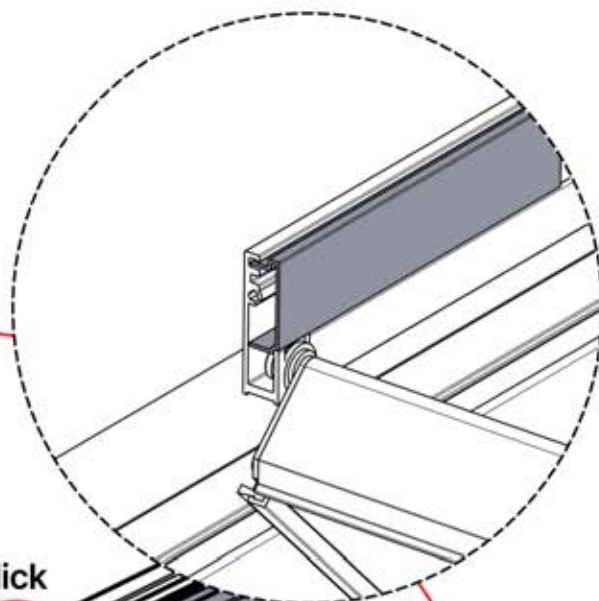
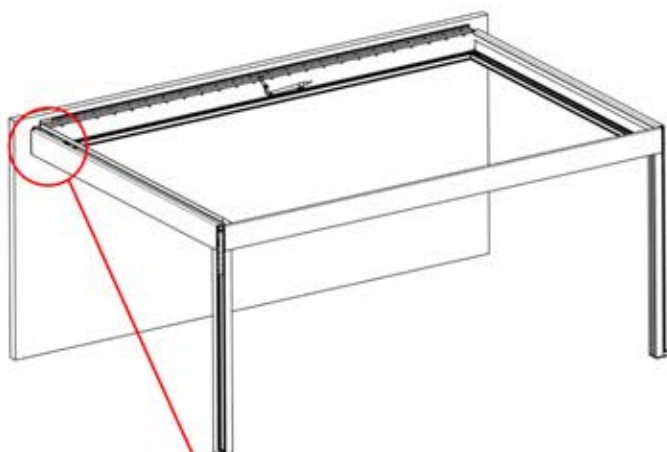
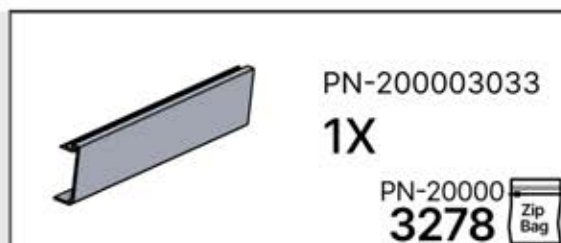
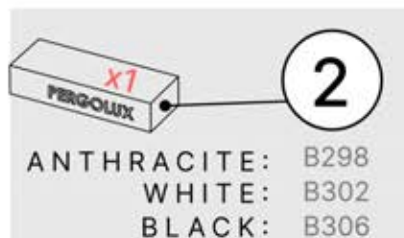


PN-200002363

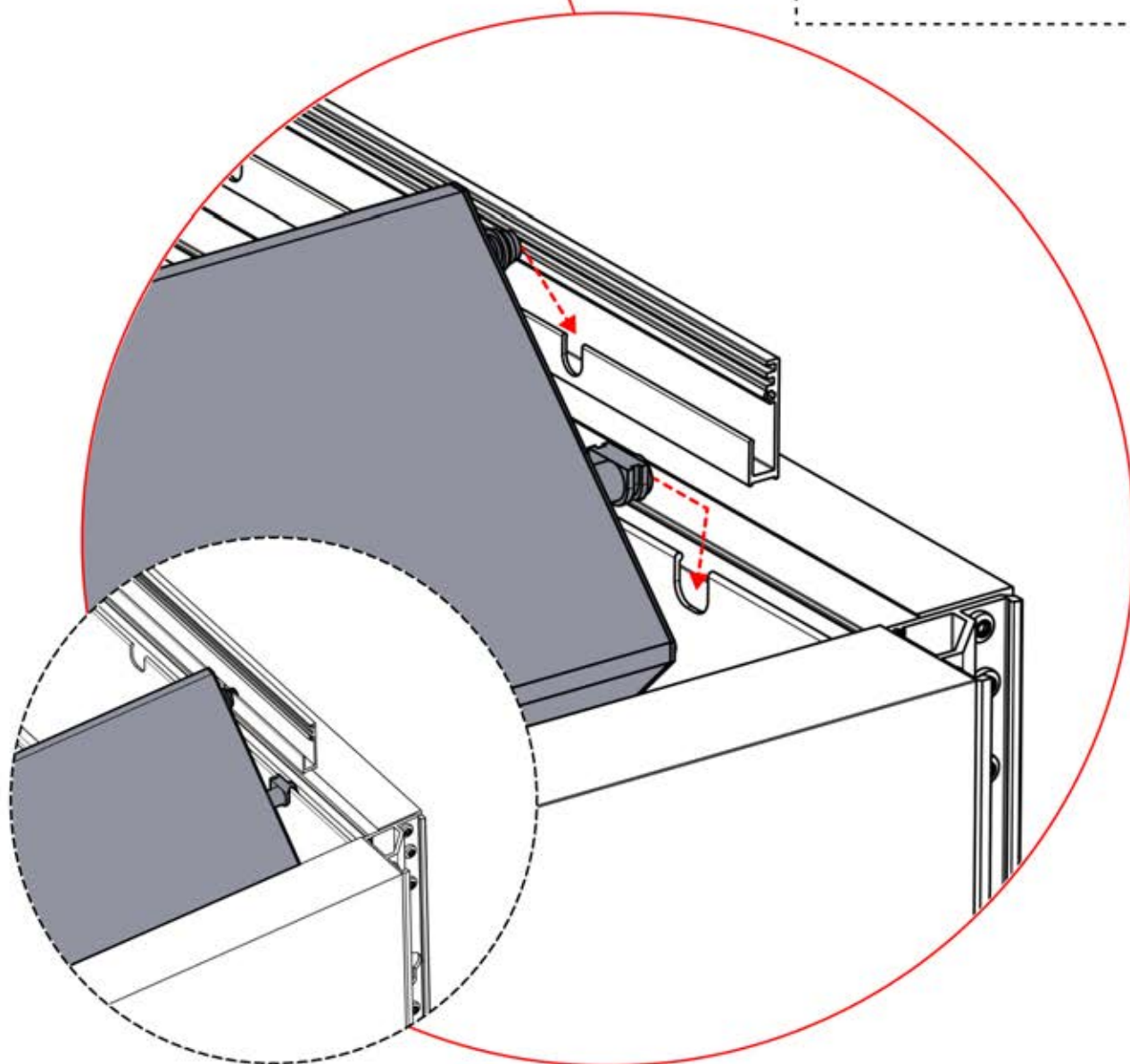
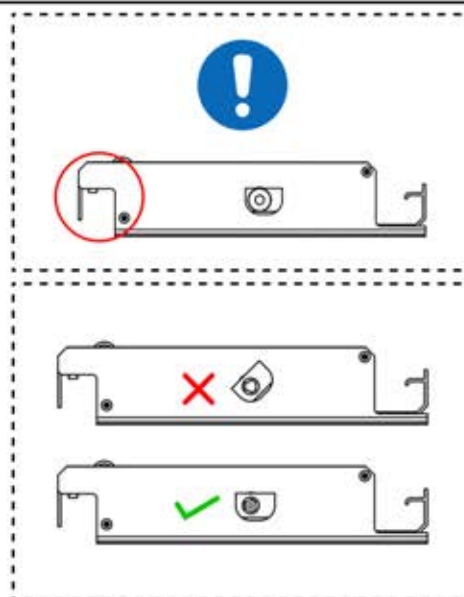
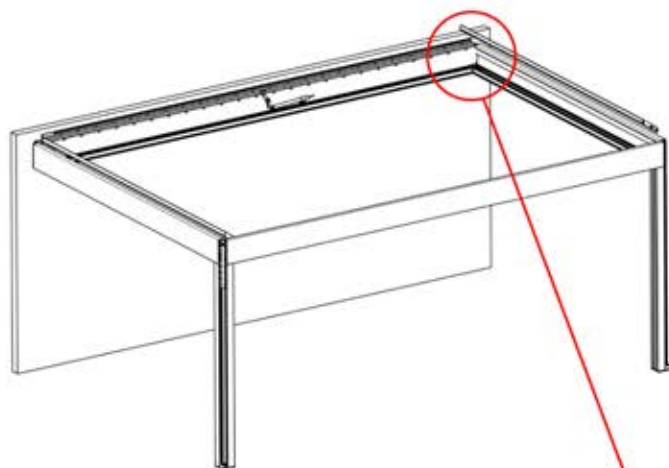
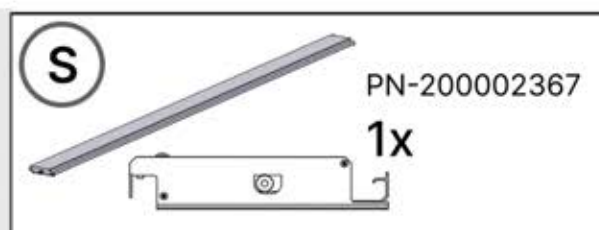
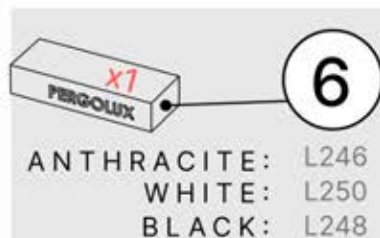
1x



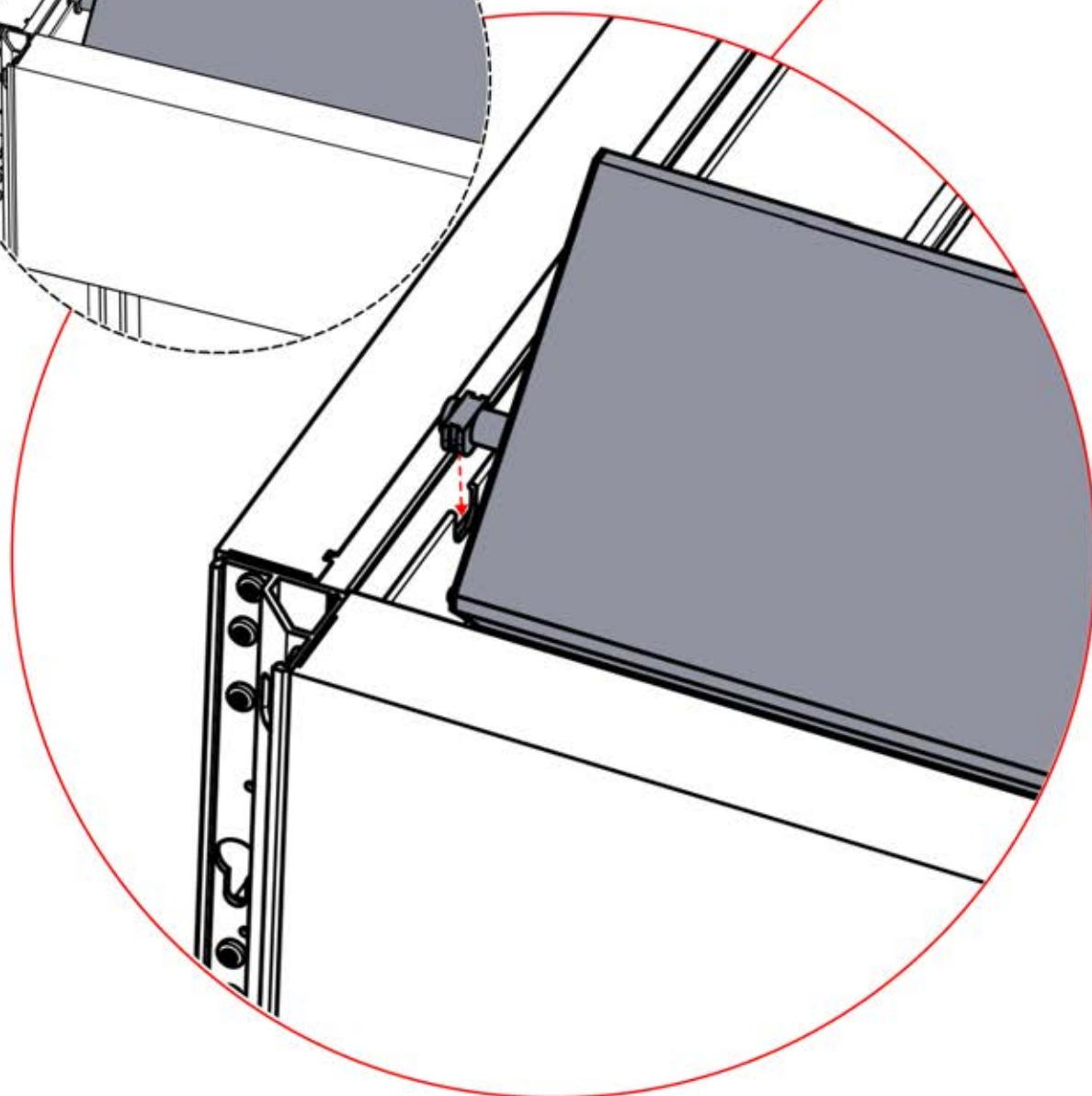
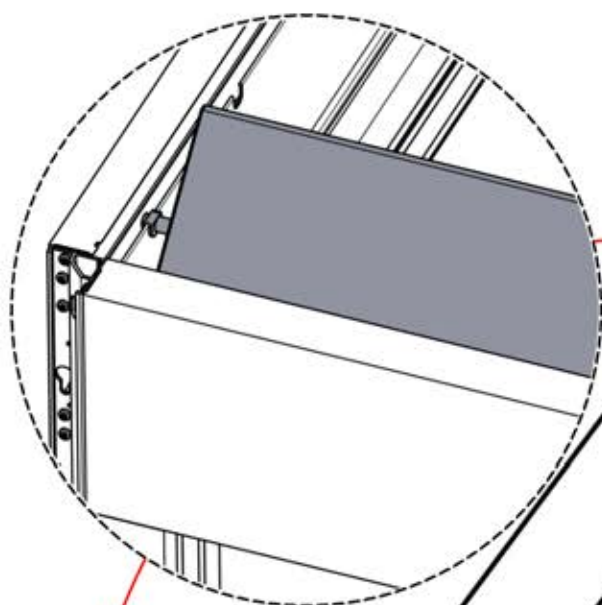
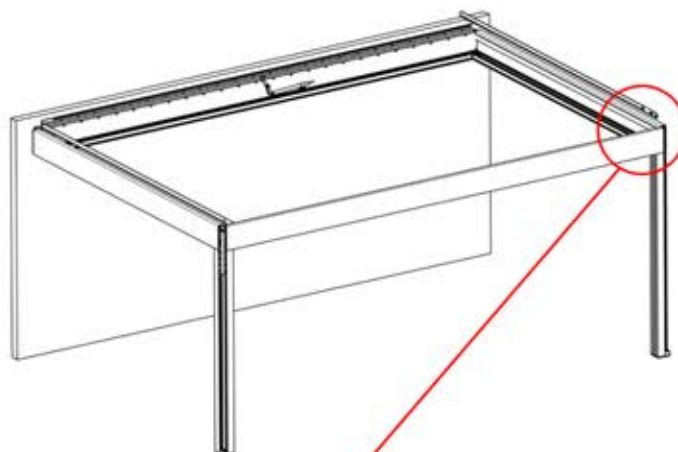
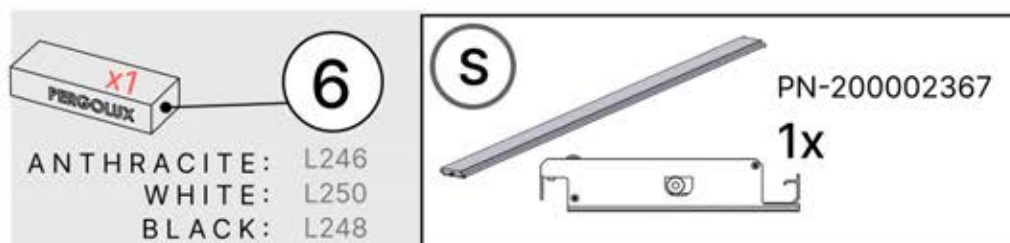
59



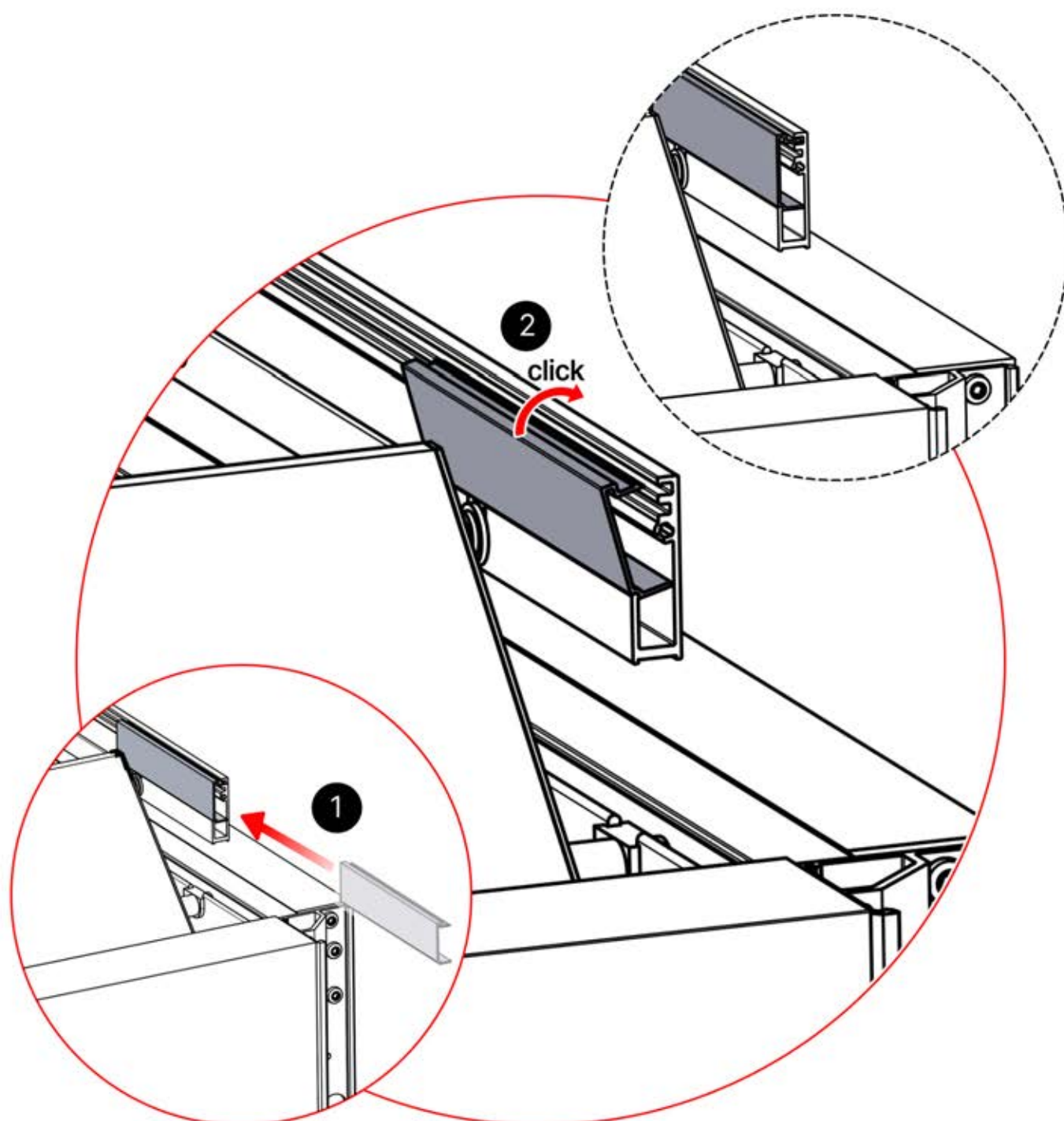
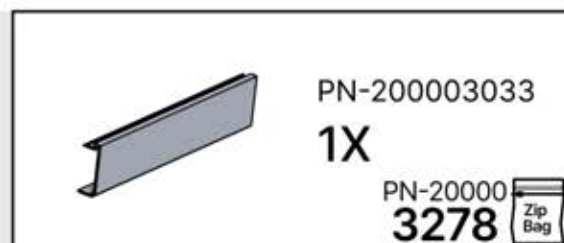
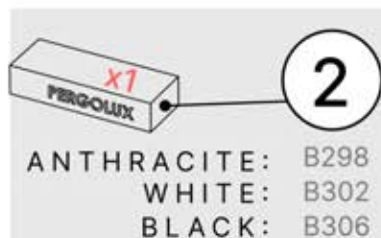
60



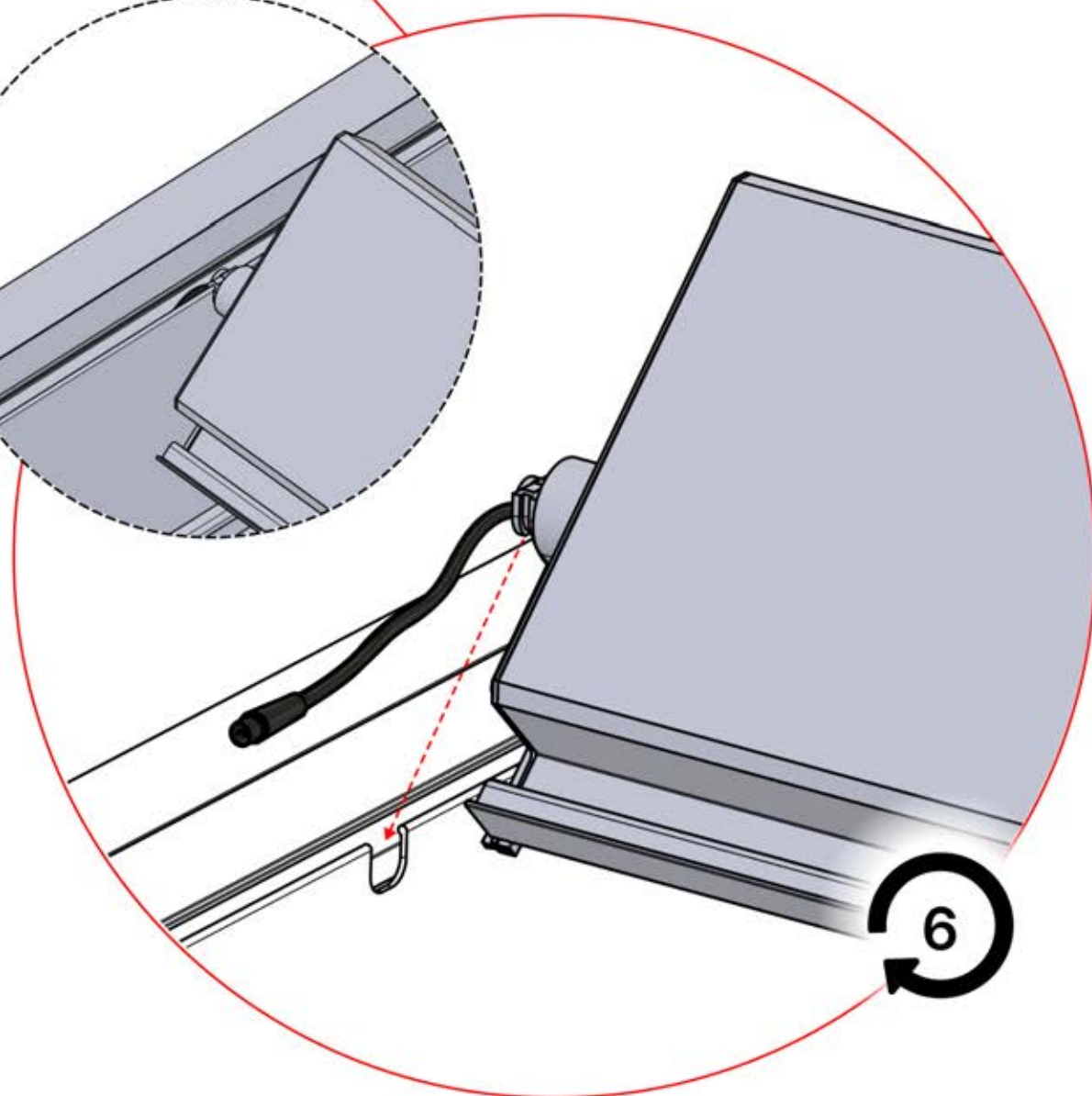
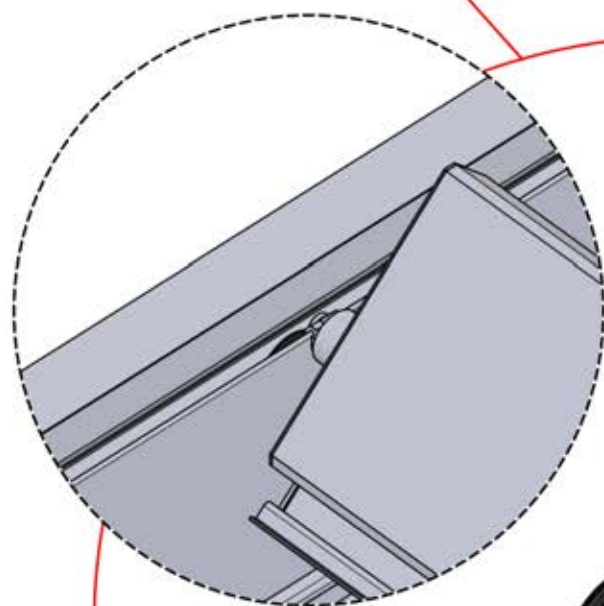
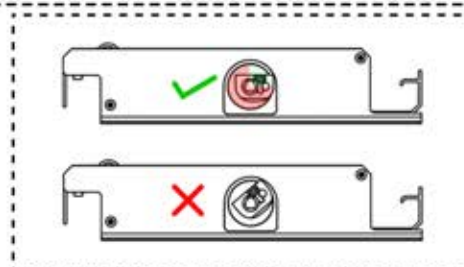
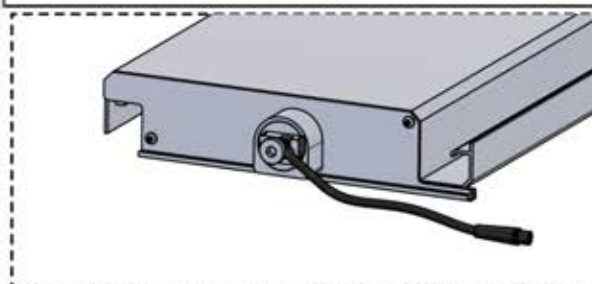
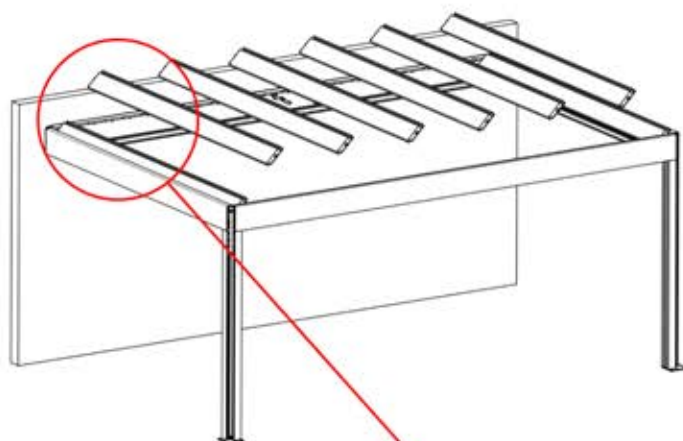
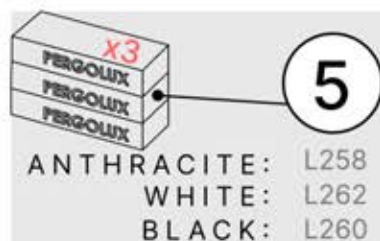
61

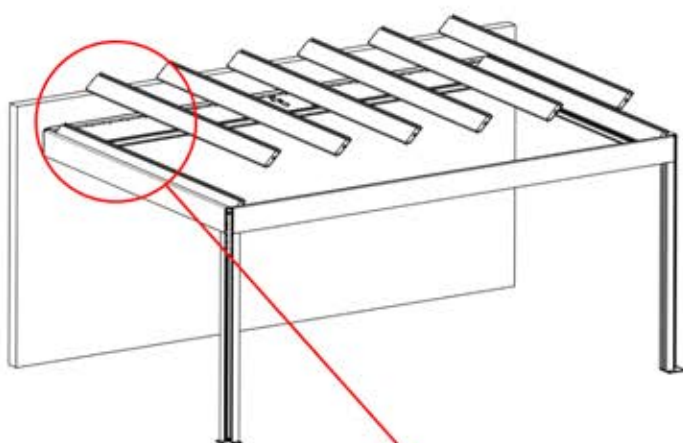


62

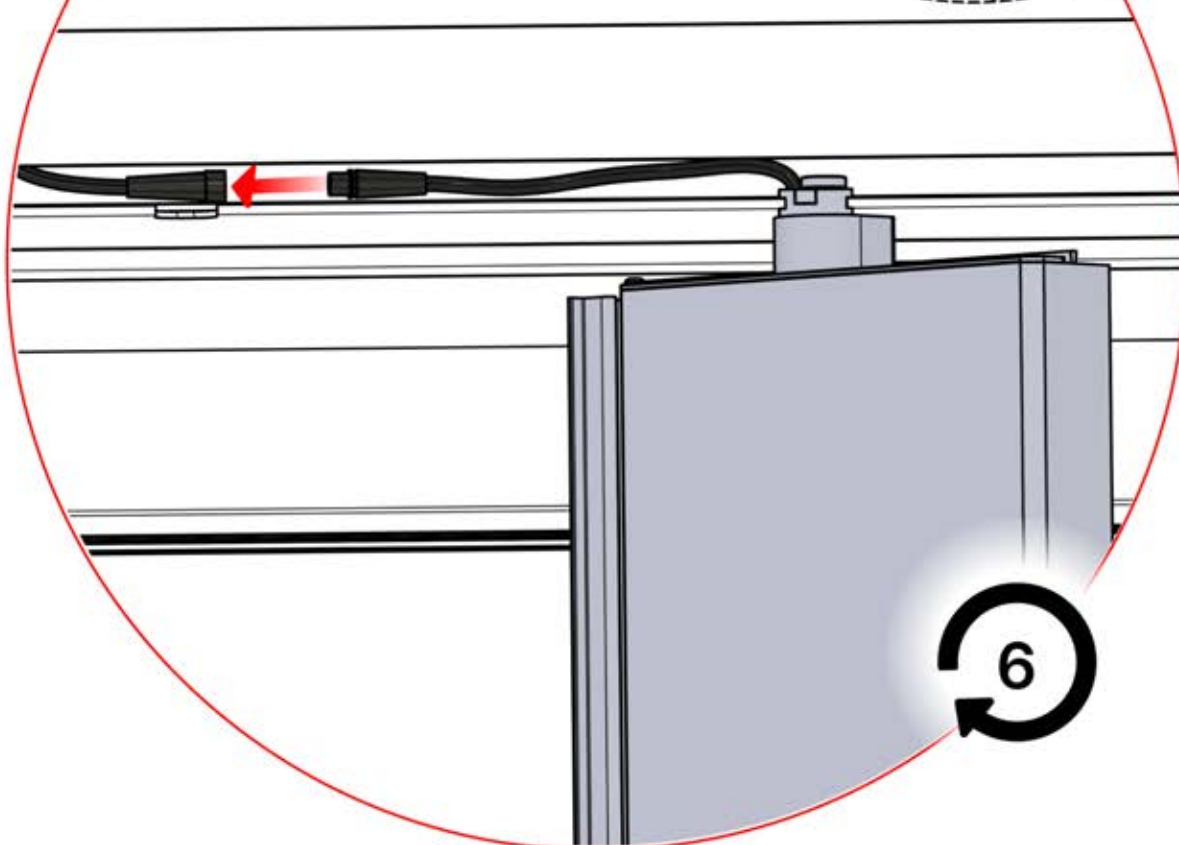
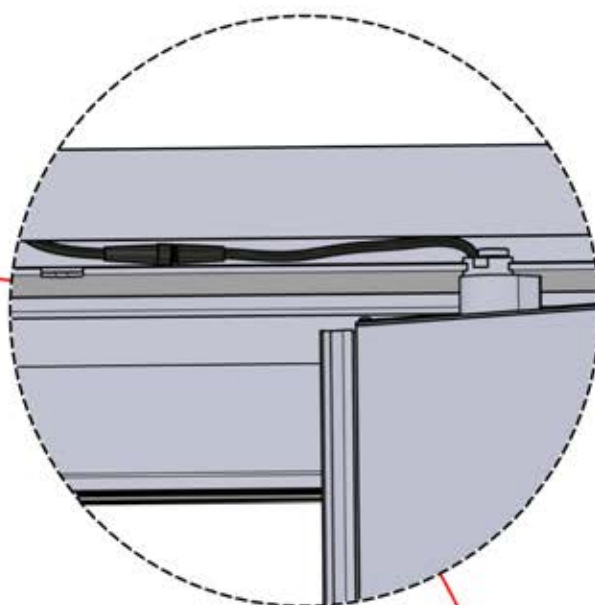


63

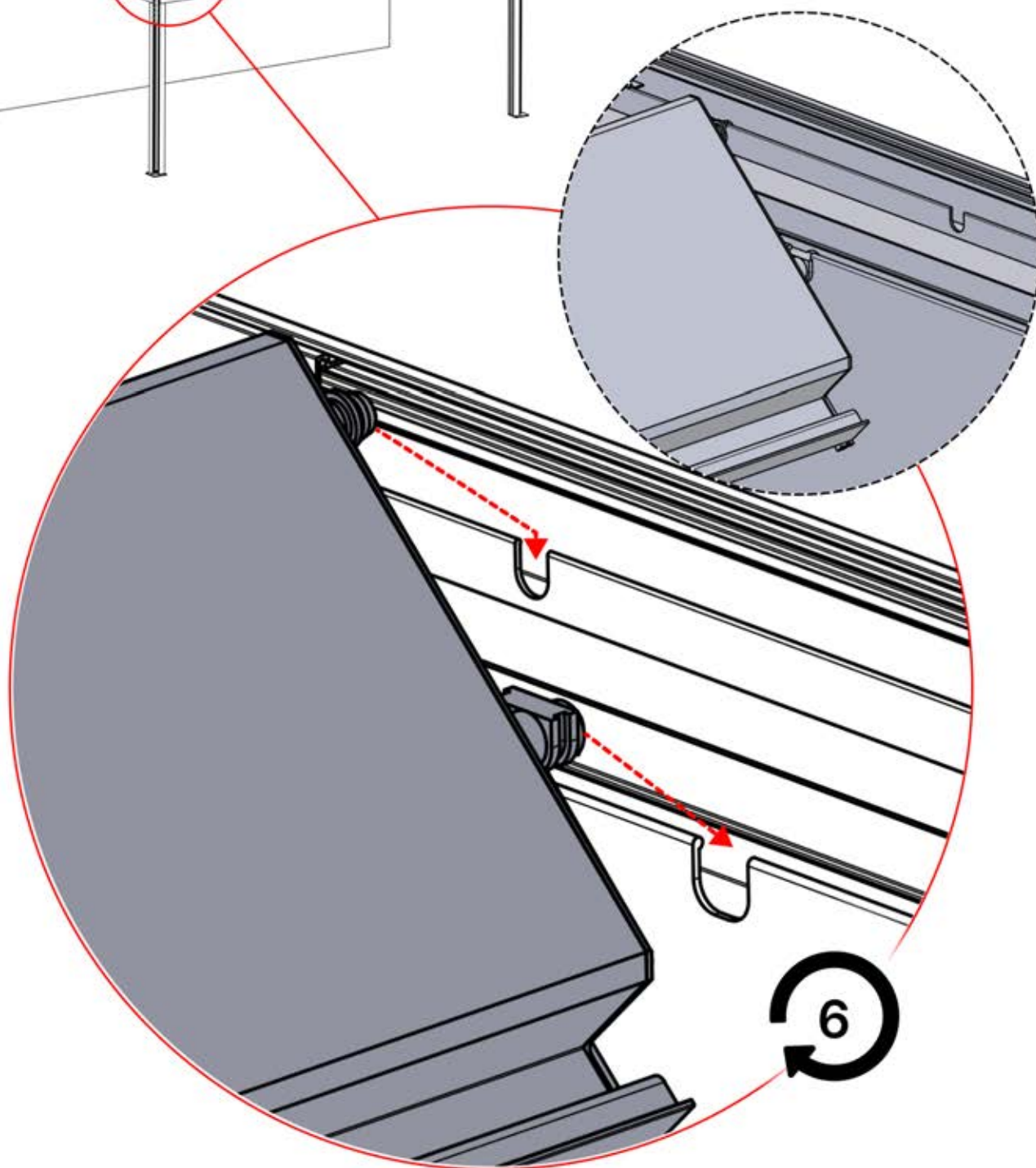
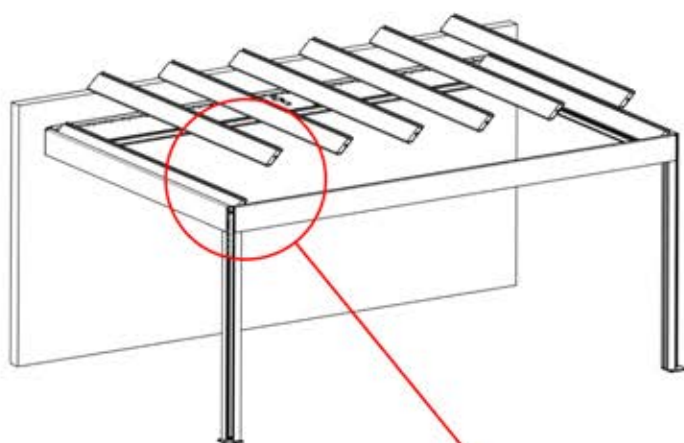
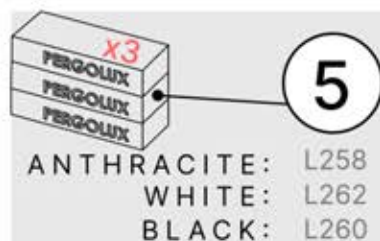




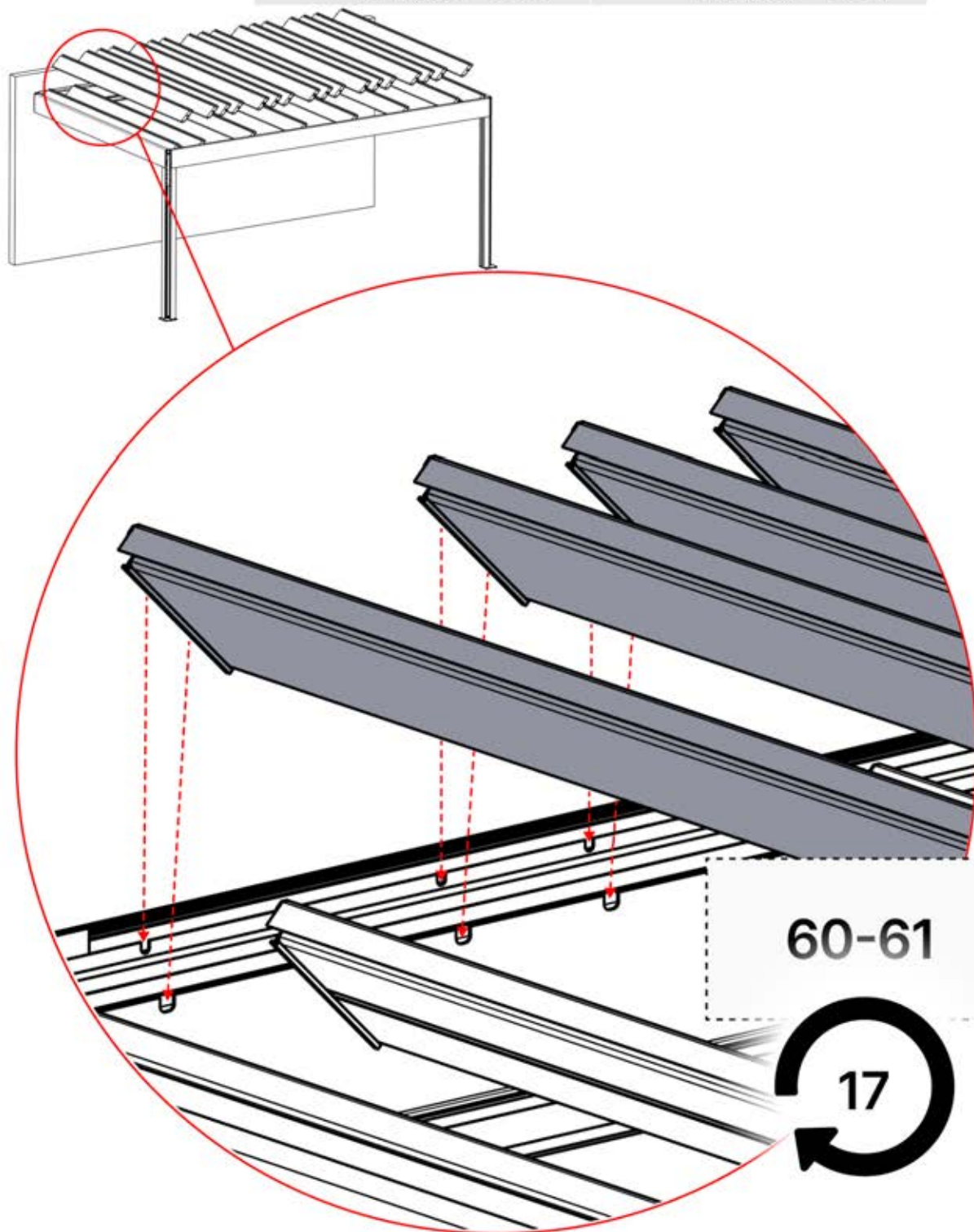
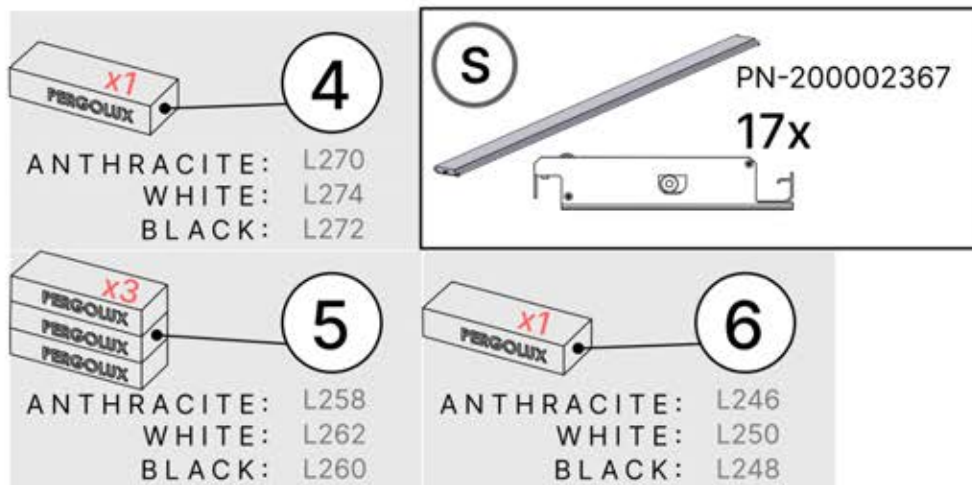
!
Connect the LED
cable to the 4-pin LED
wire



65



66

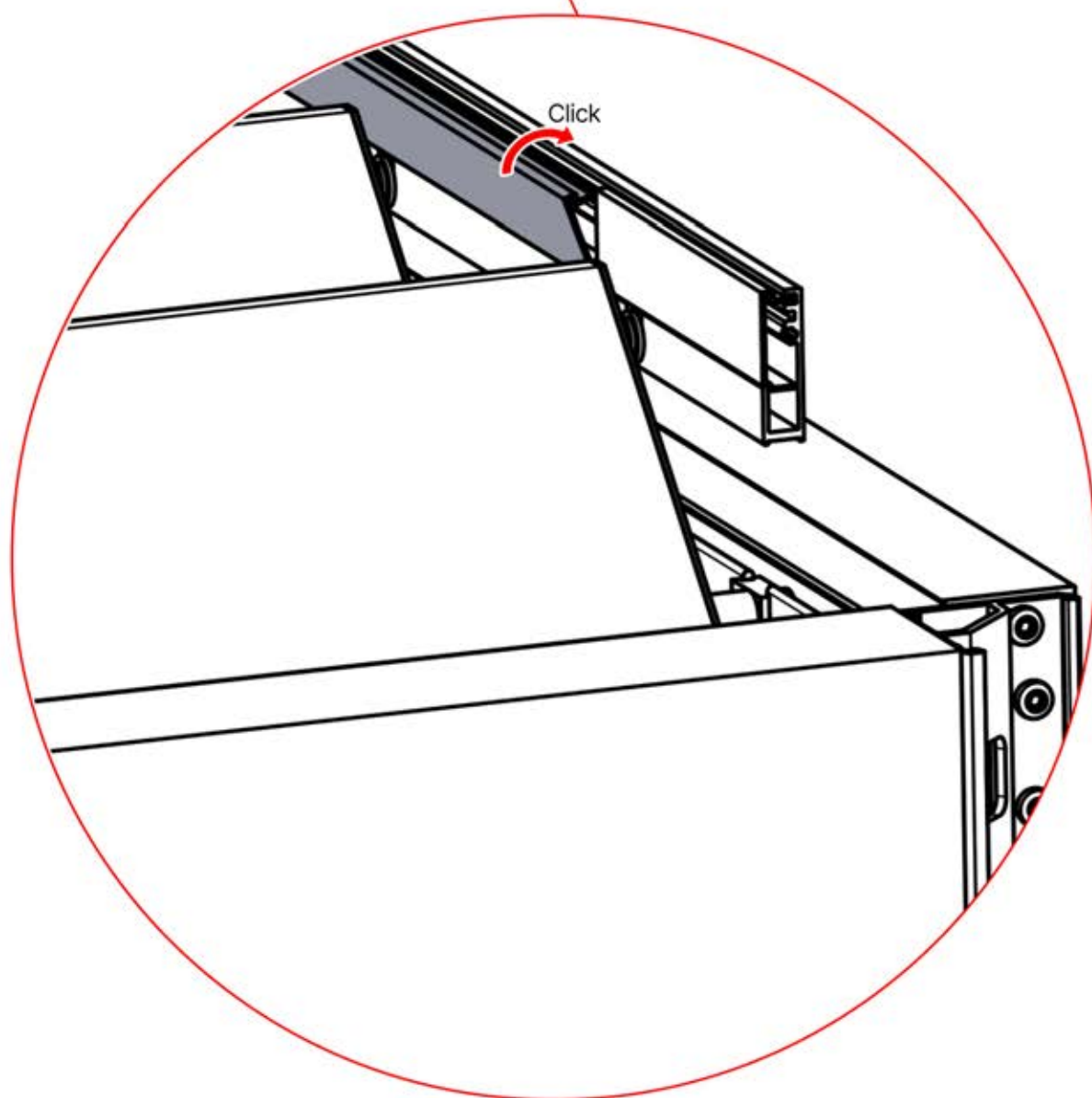
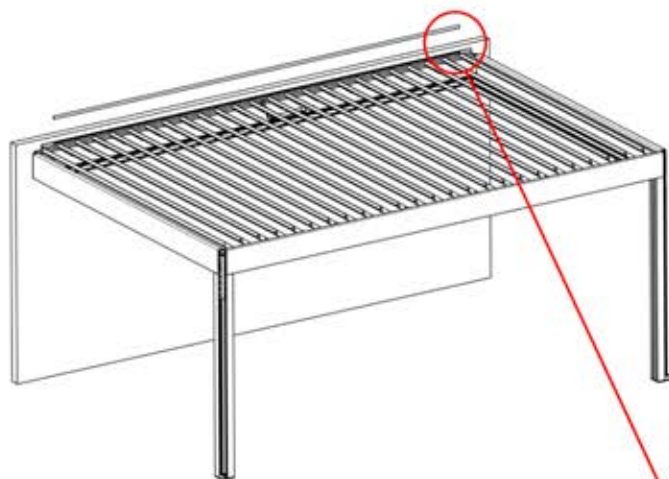
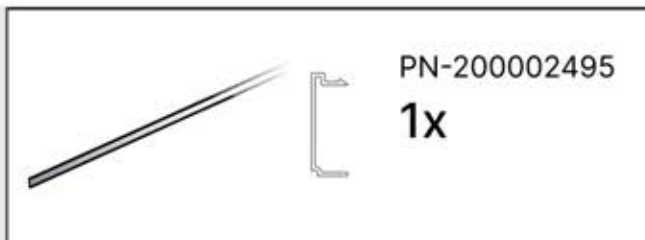


67

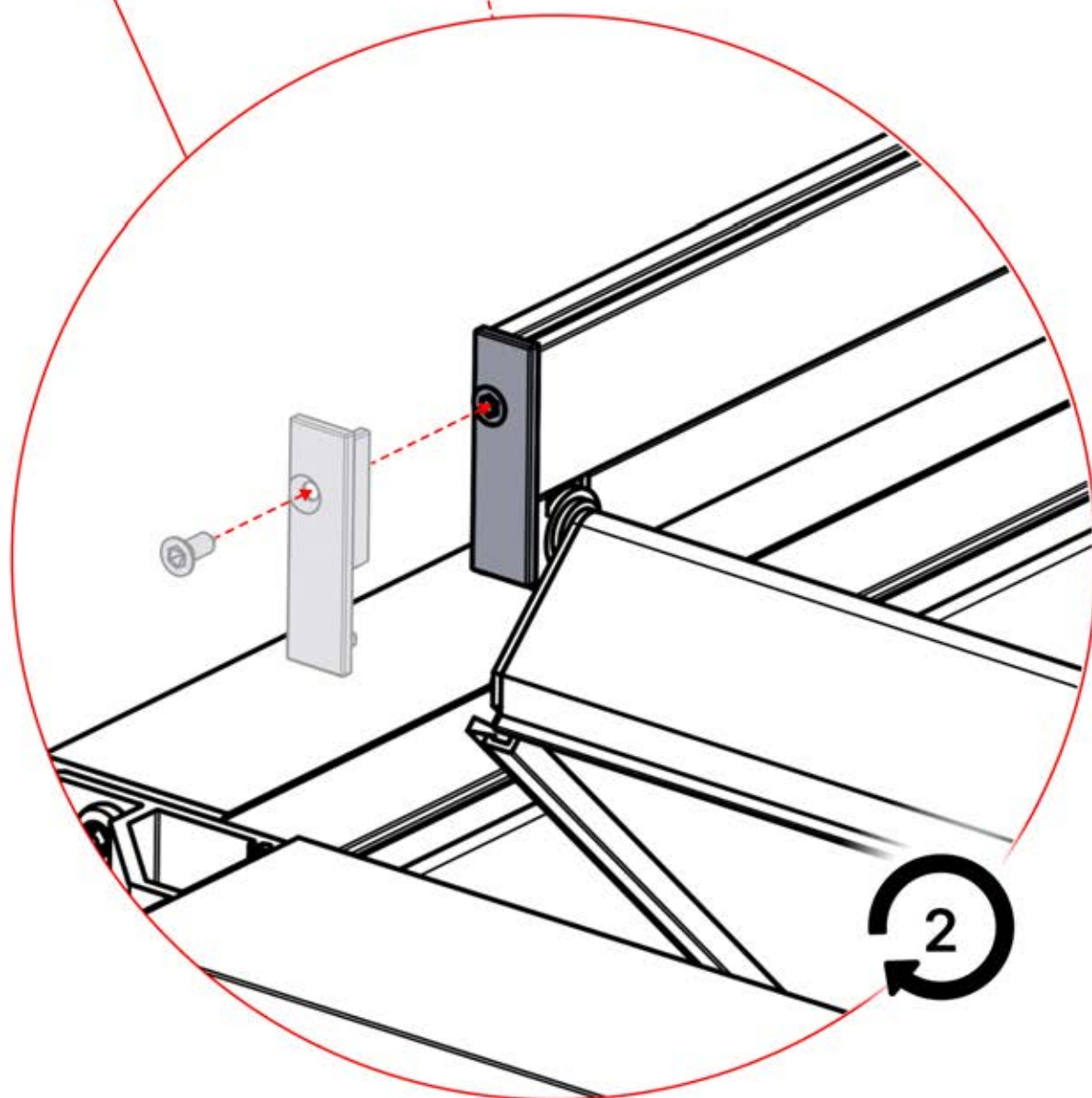
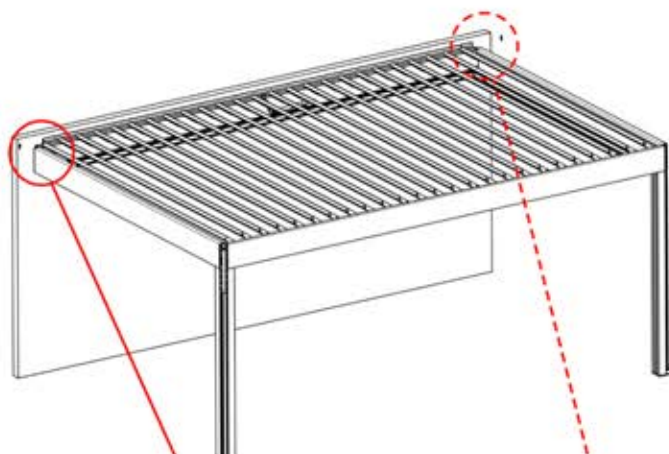
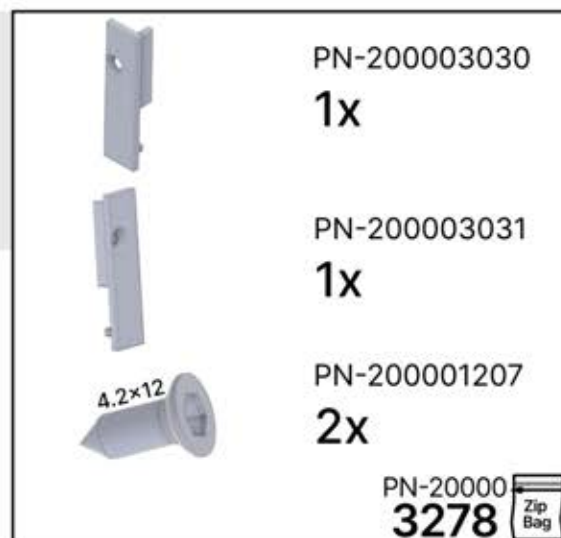
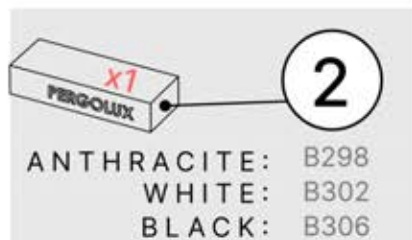


2

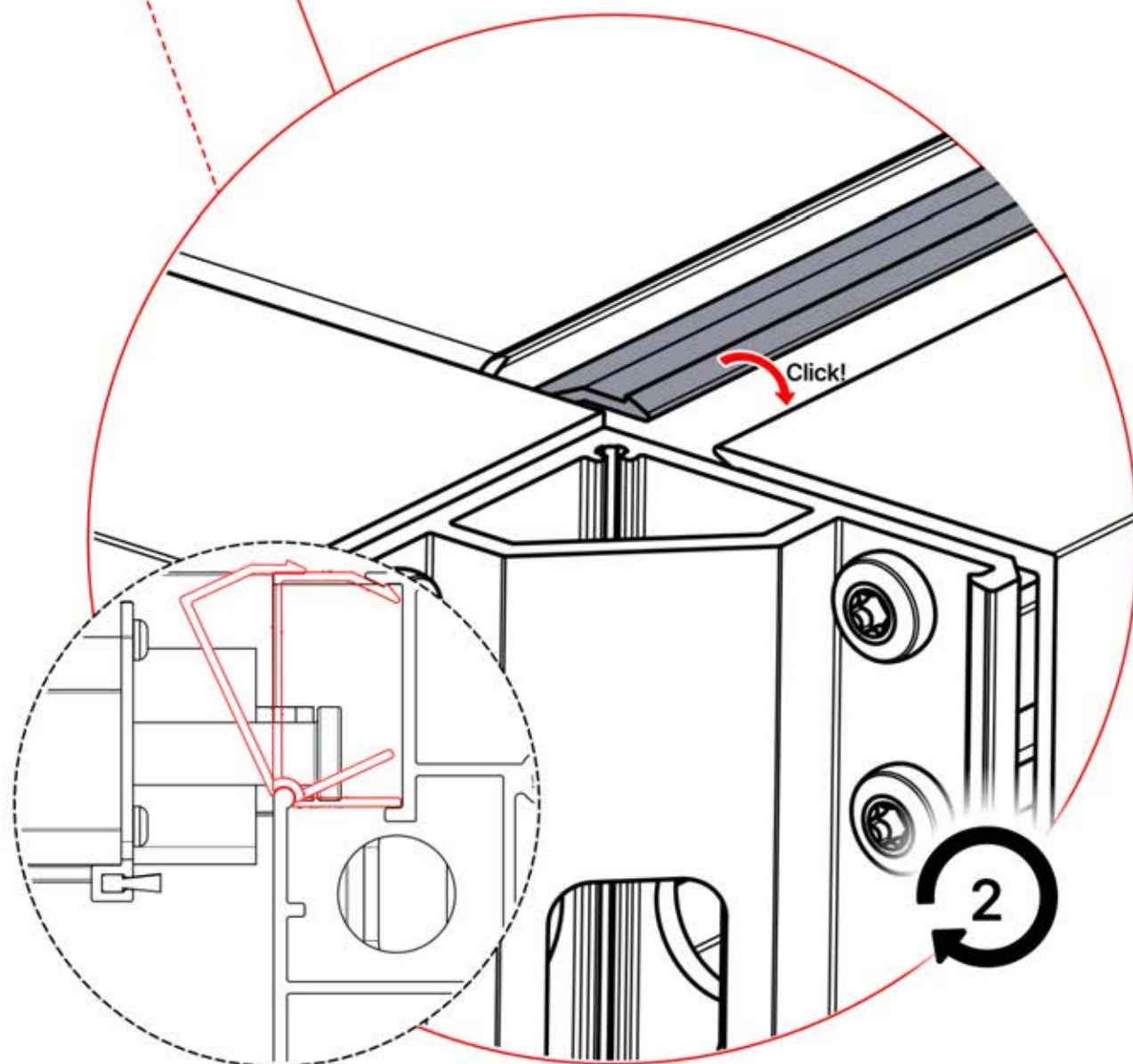
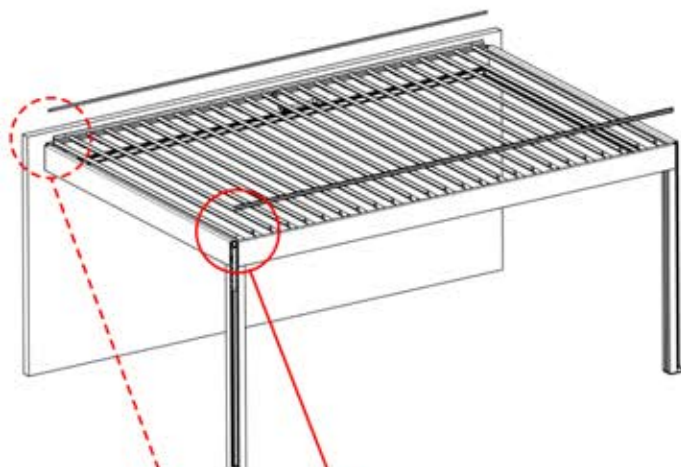
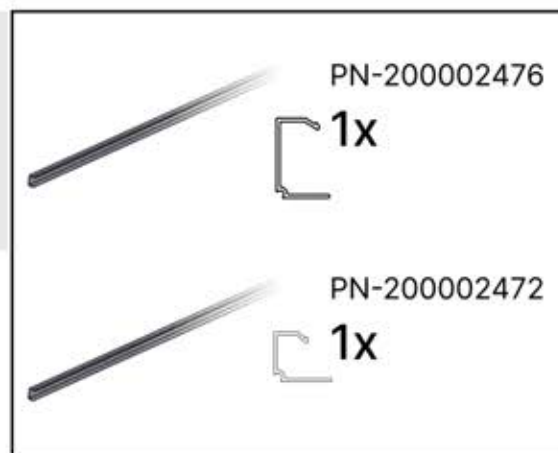
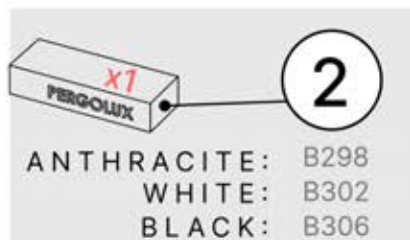
ANTHRACITE: B298
WHITE: B302
BLACK: B306



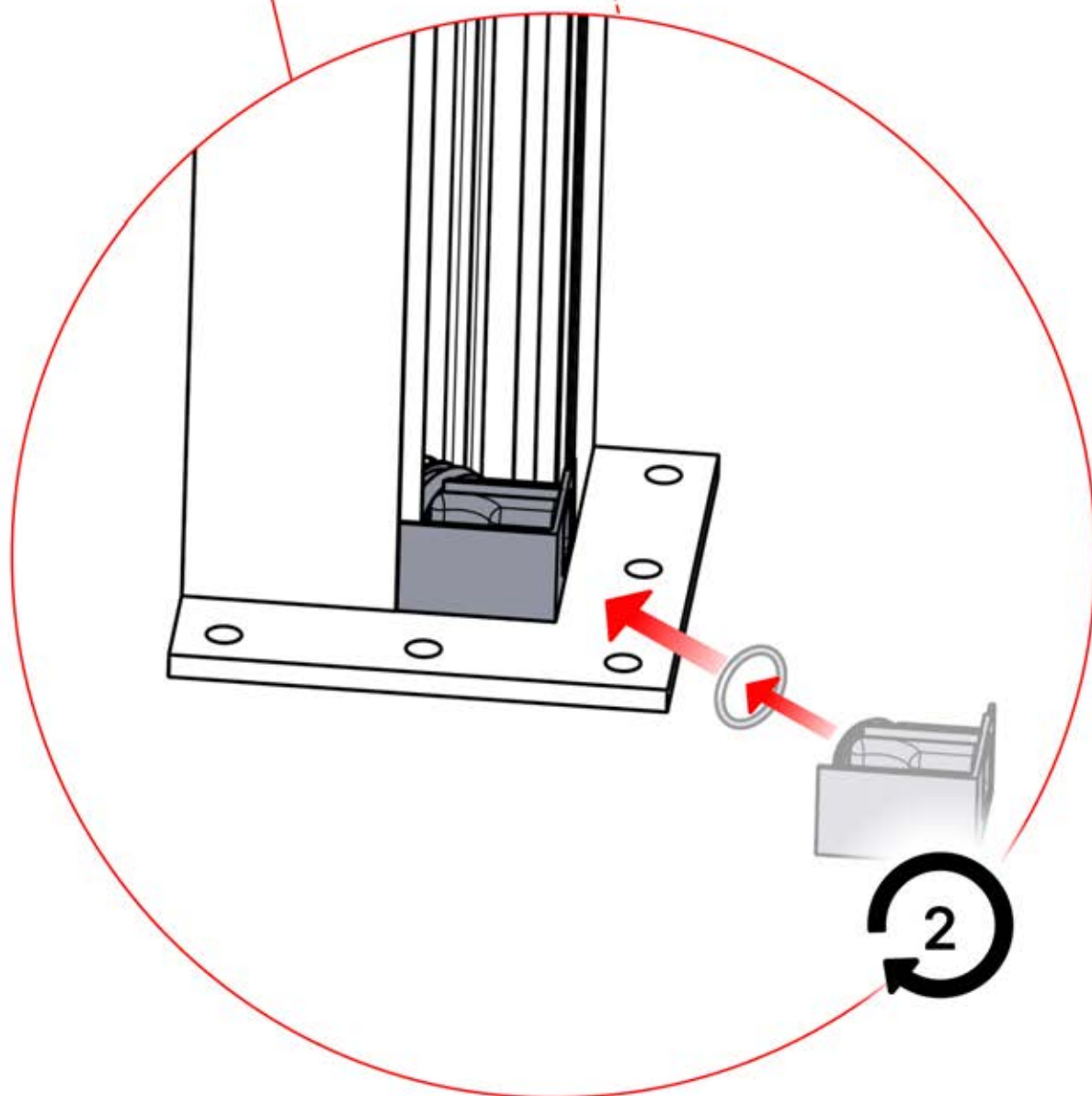
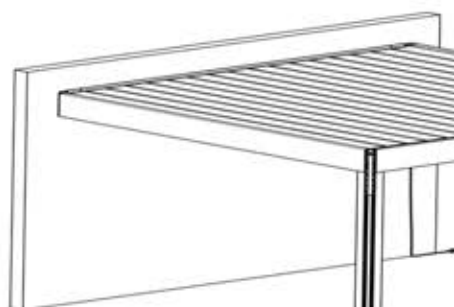
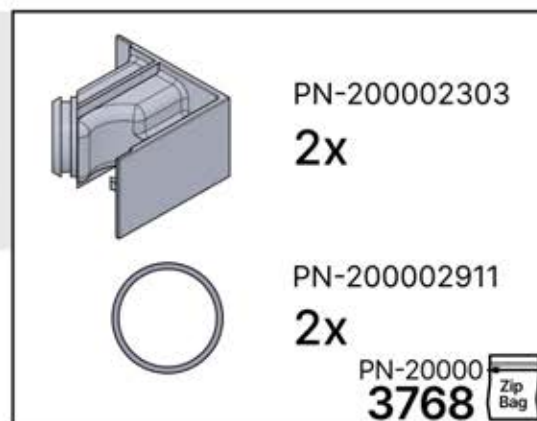
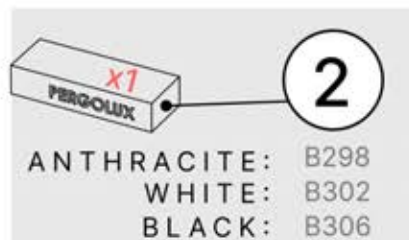
68



69



70



71


x1
1

ANTHRACITE: C126
 WHITE: C127
 BLACK: C128


x1
2

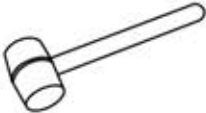
ANTHRACITE: B296
 WHITE: B300
 BLACK: B304

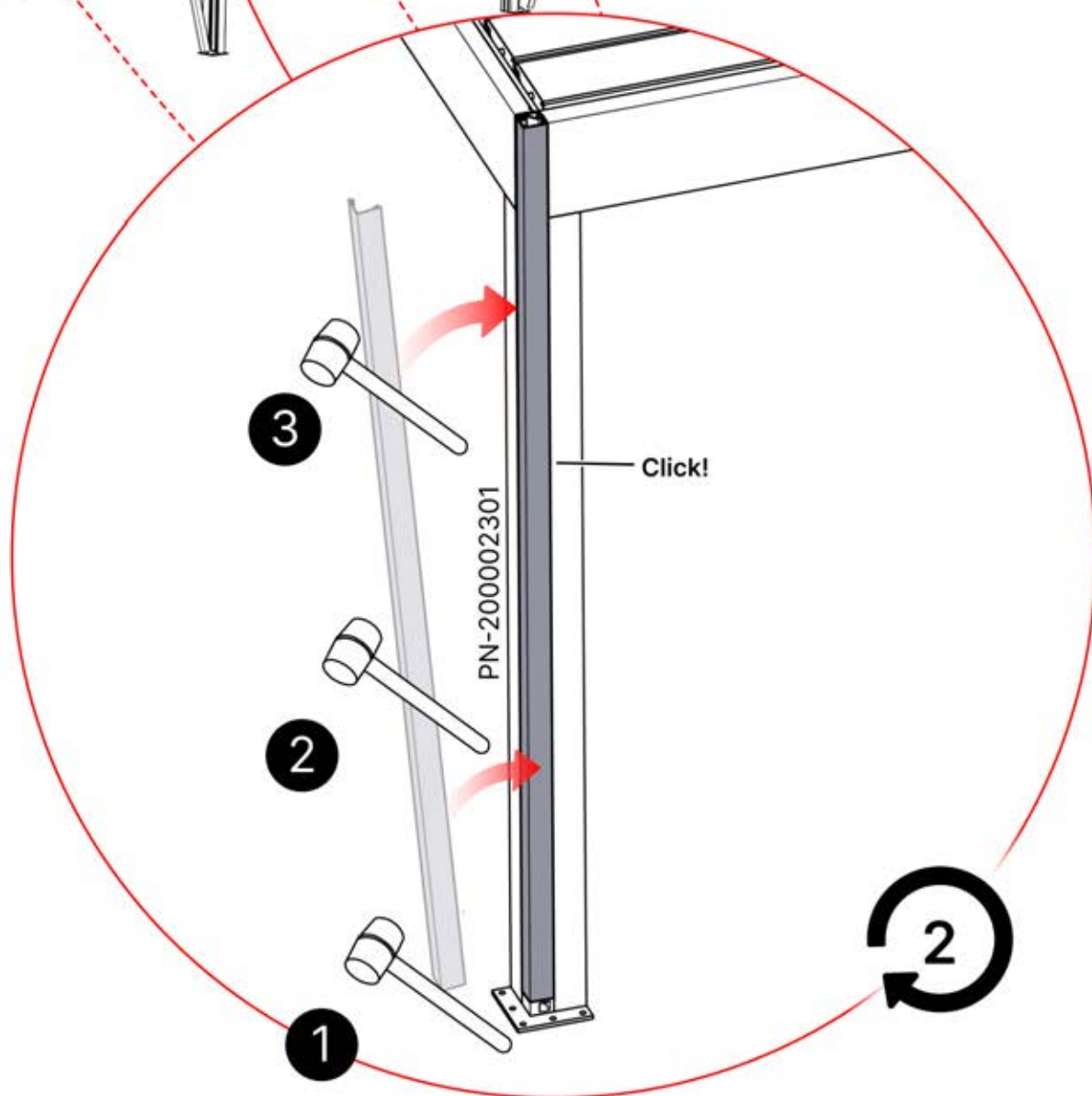
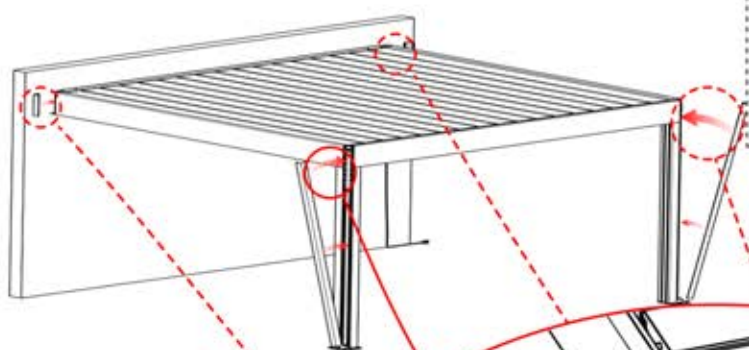

 PN-200002301
 2x


 PN-200002370
 2x

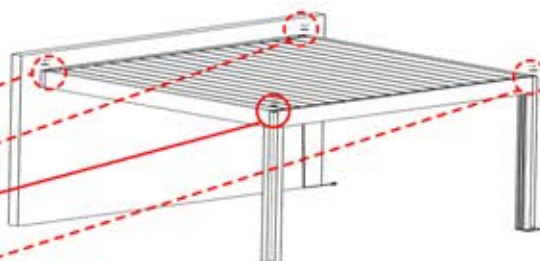
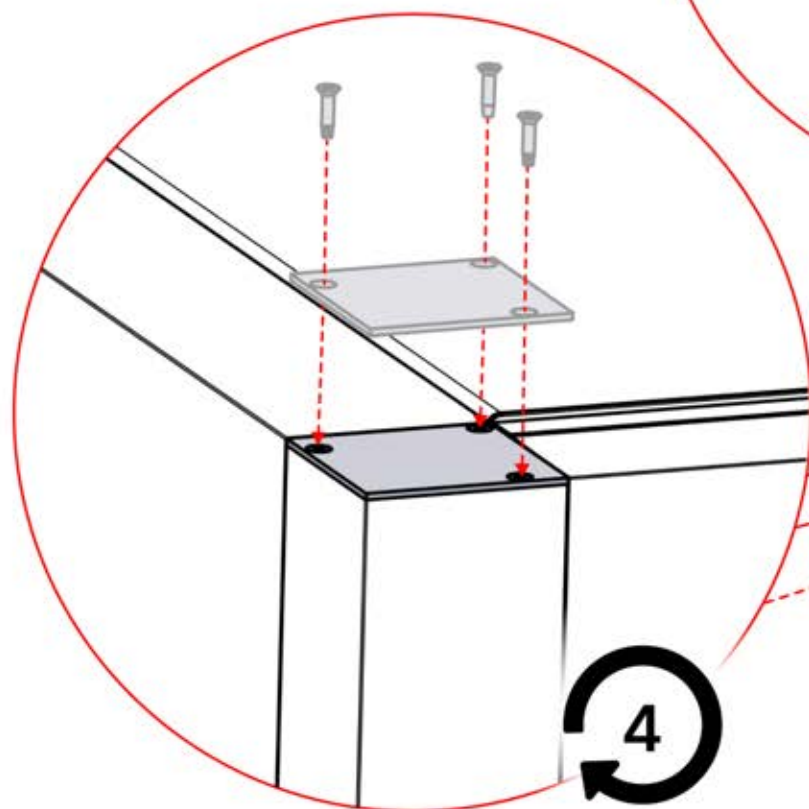
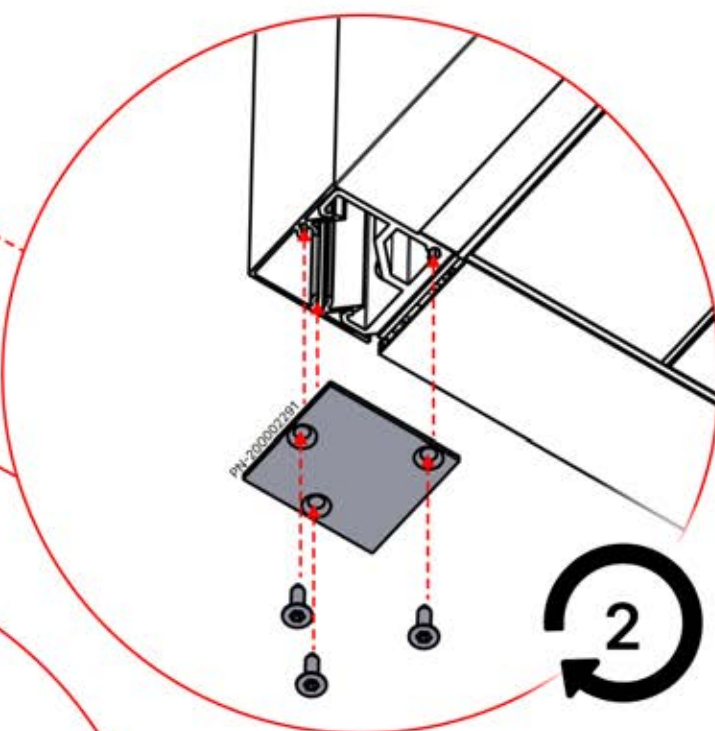
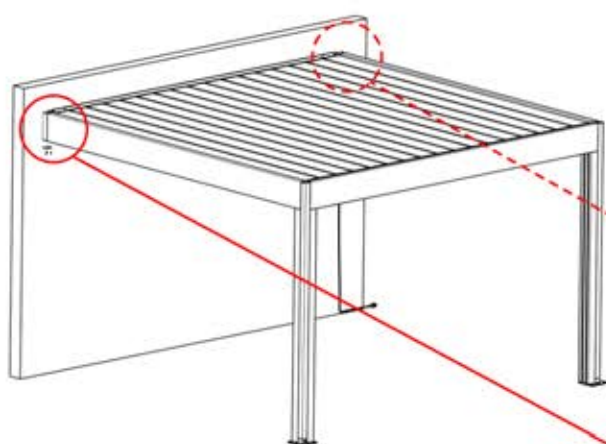
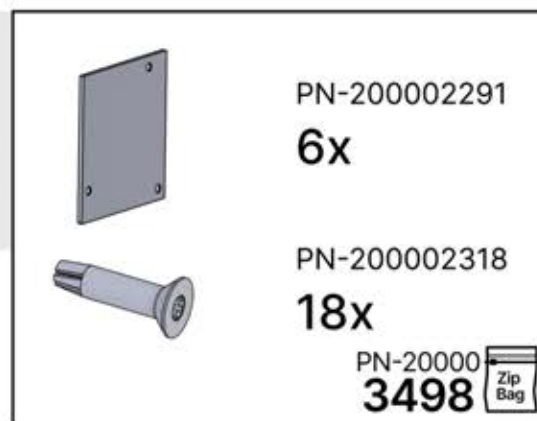
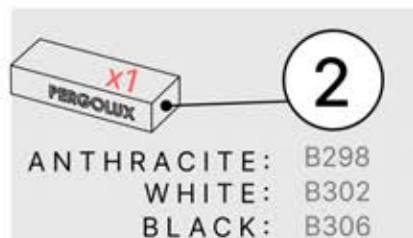
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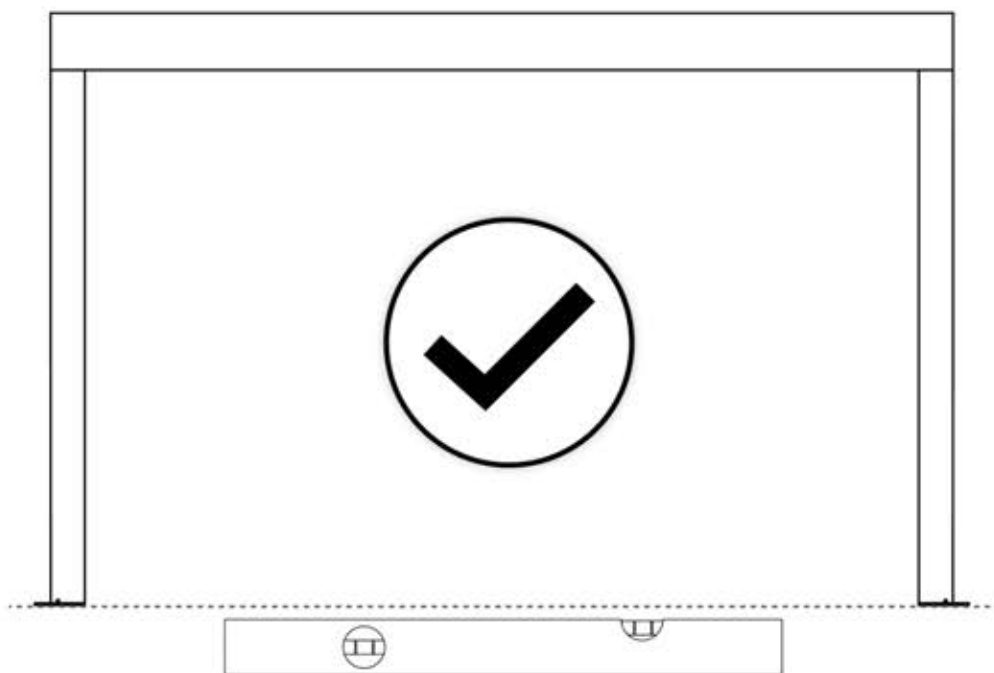
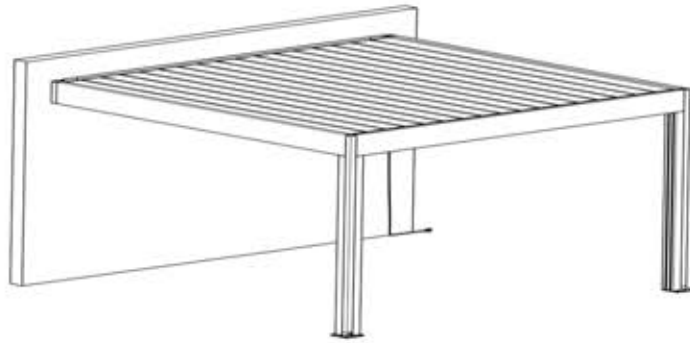
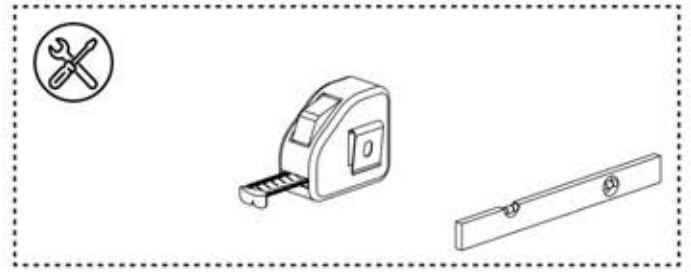


72



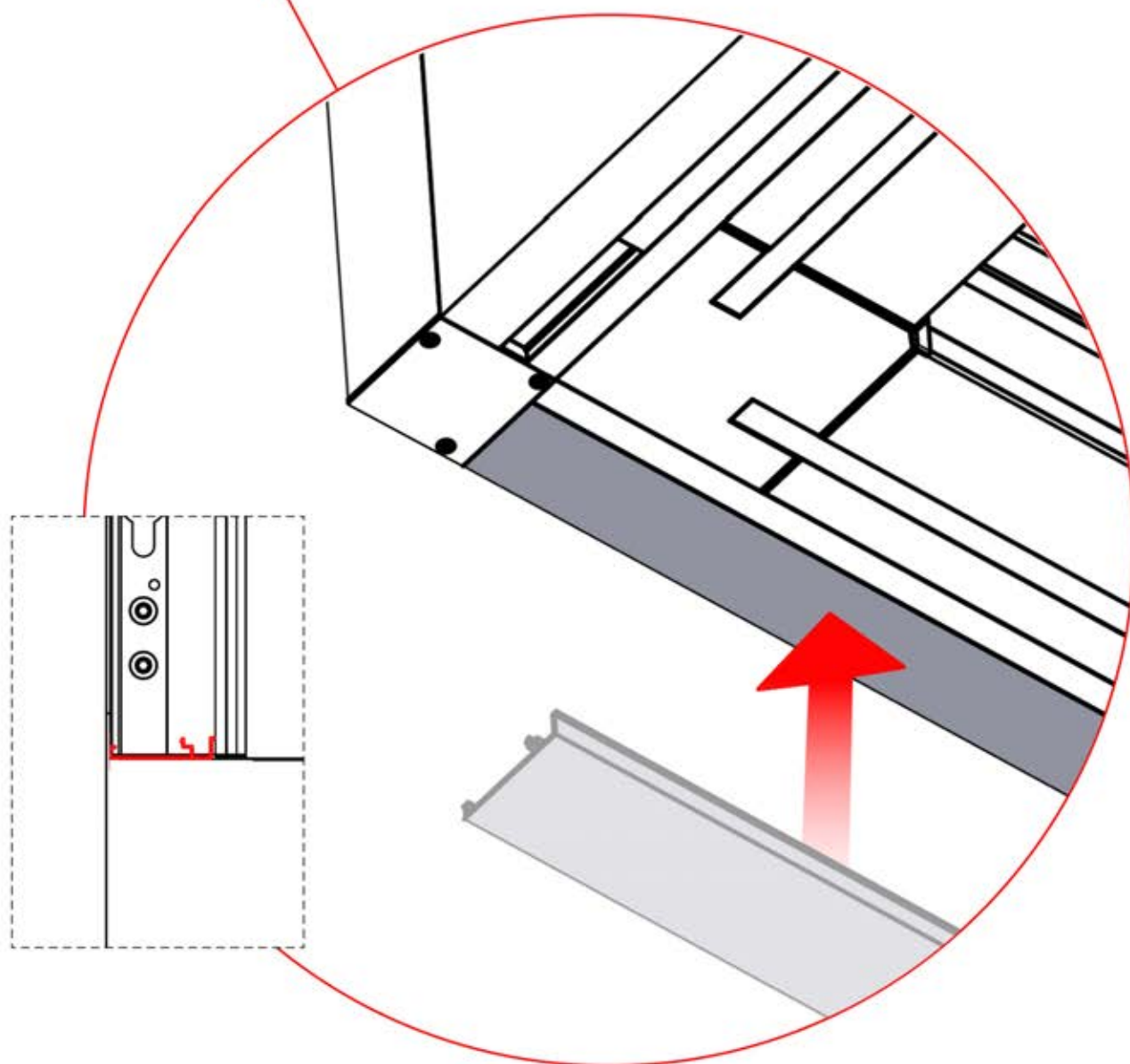
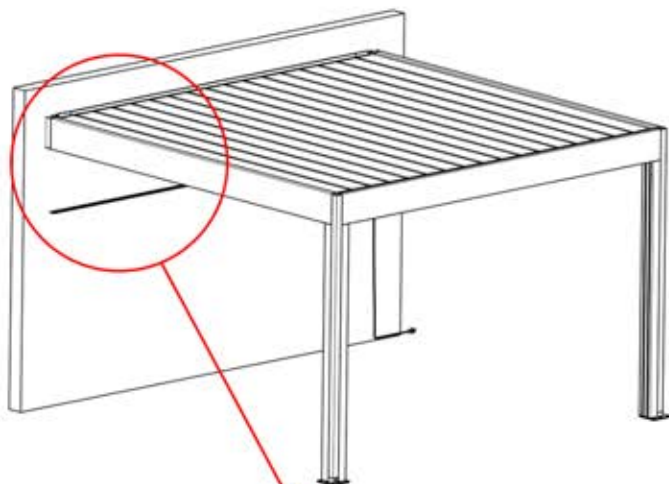
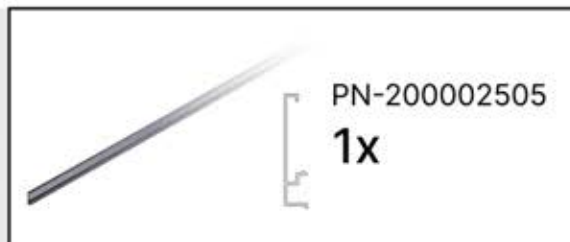
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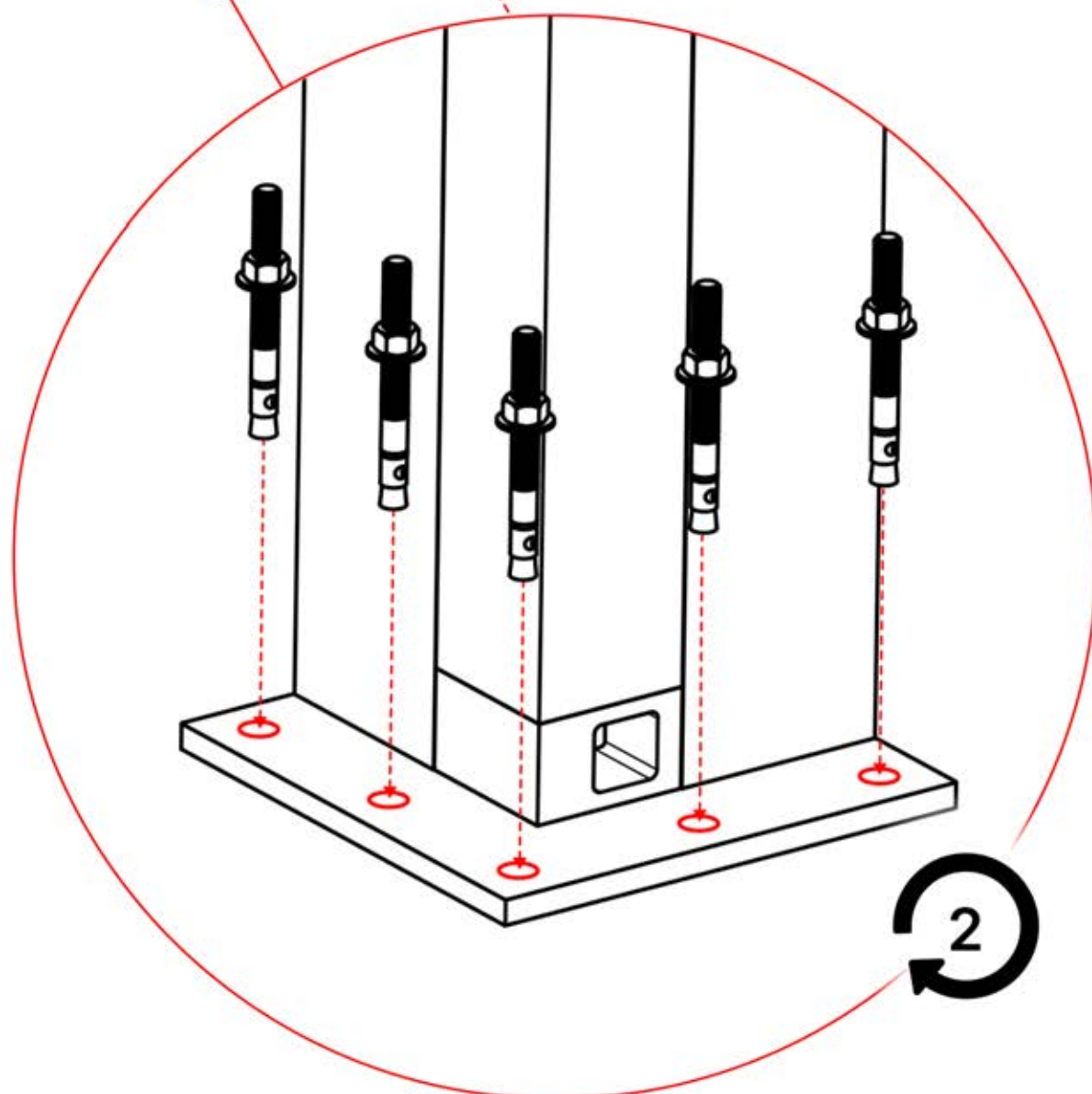
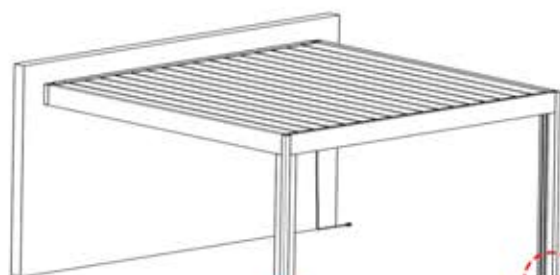
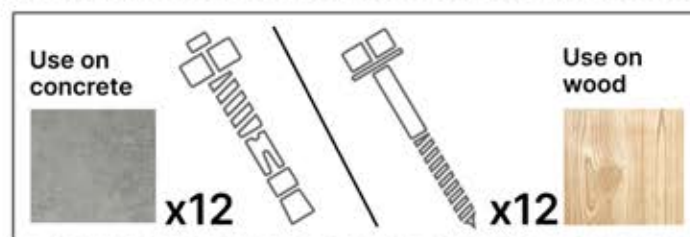
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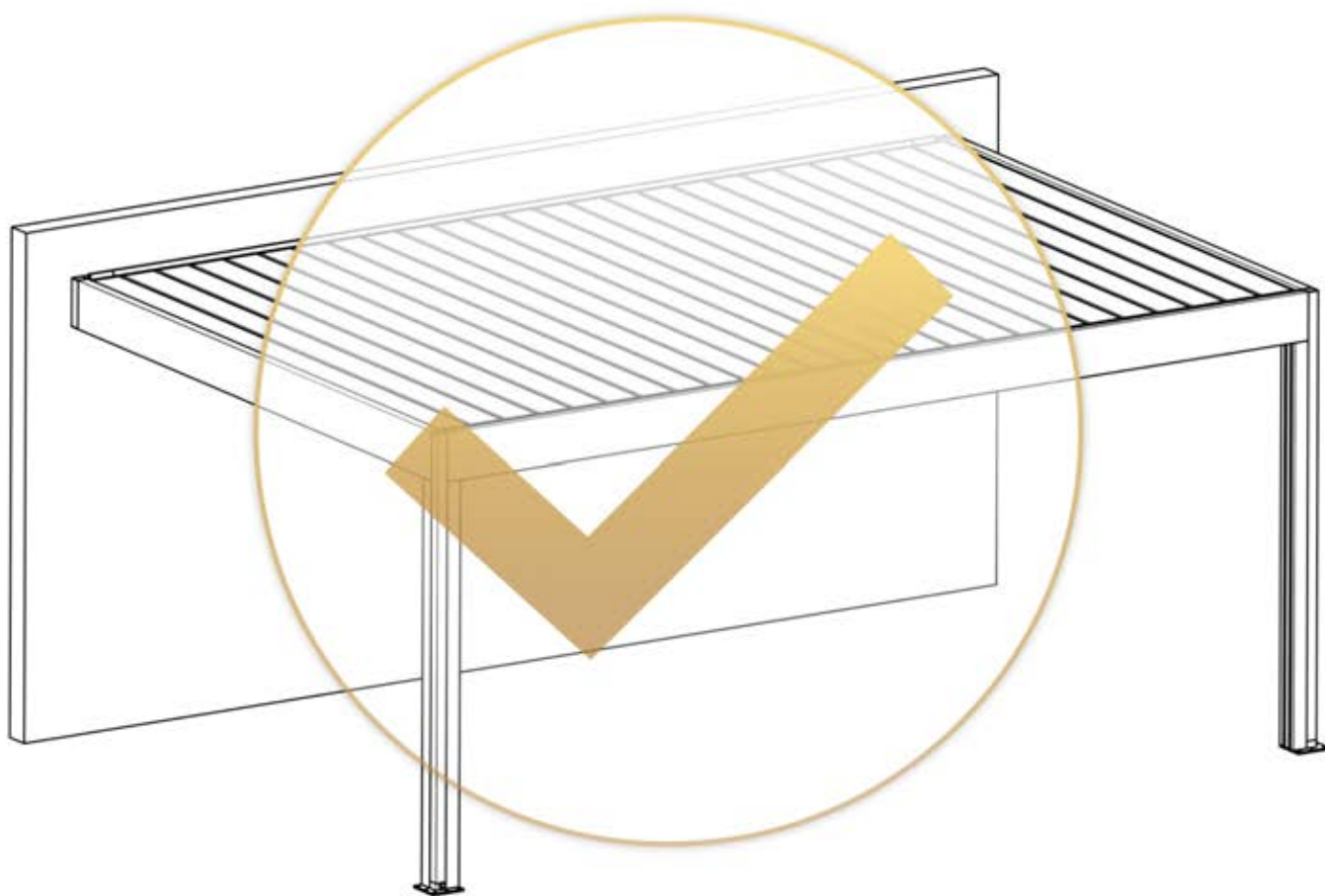


75



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