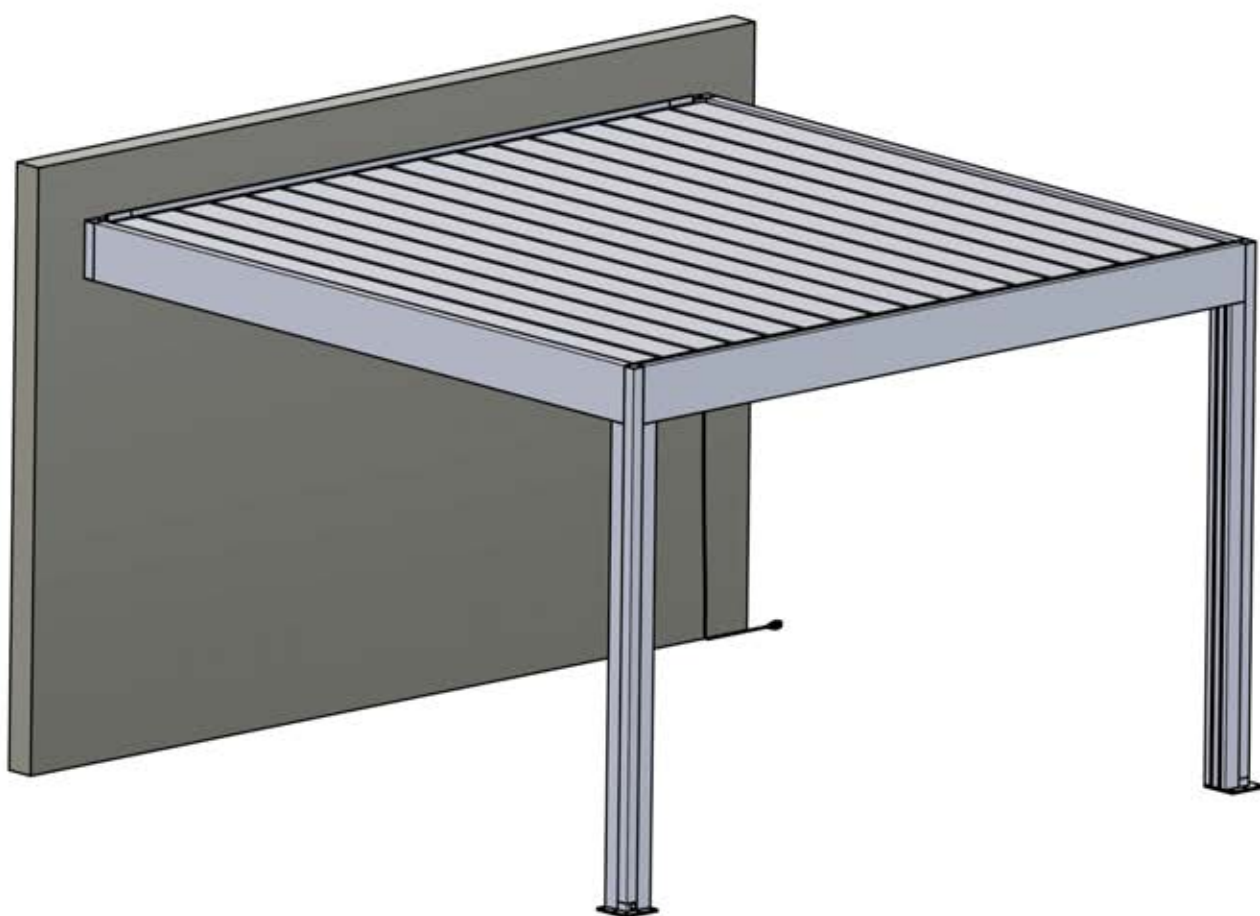


Pergola
PRO
MAX+

PERGOLA

PRO MAX+



4x4m/13'x13'
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

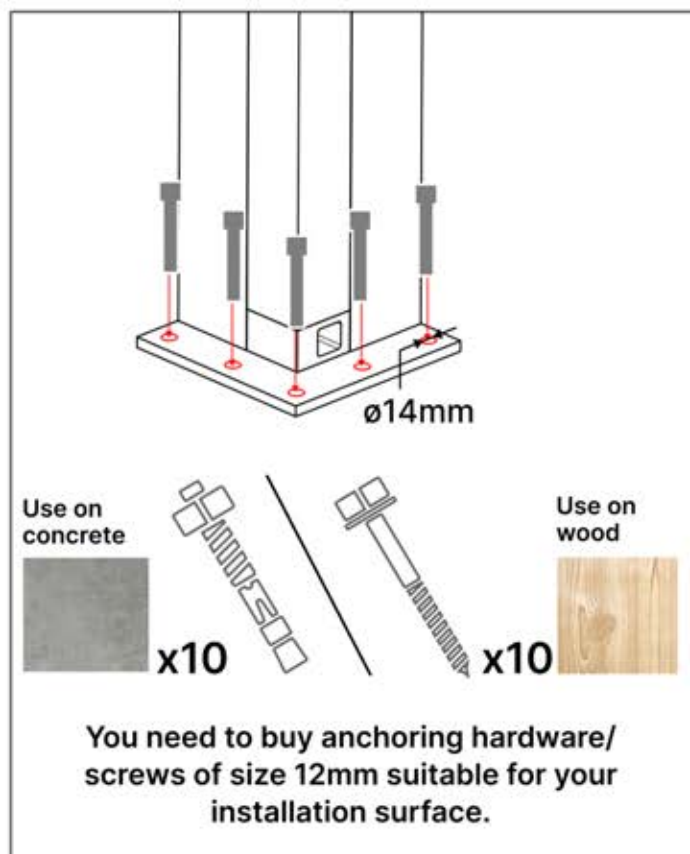


Turn around



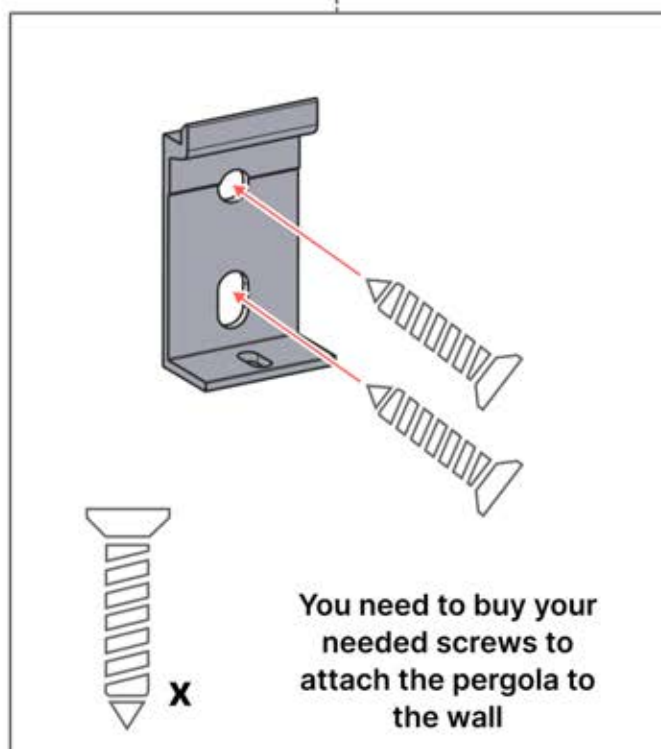
Discard

INFORMATION

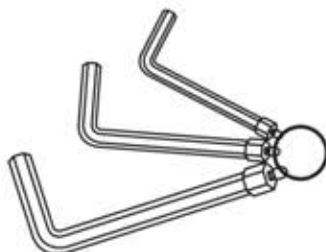
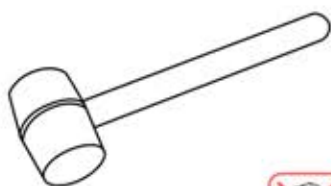


All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

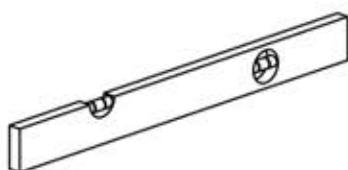
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



TOOLS

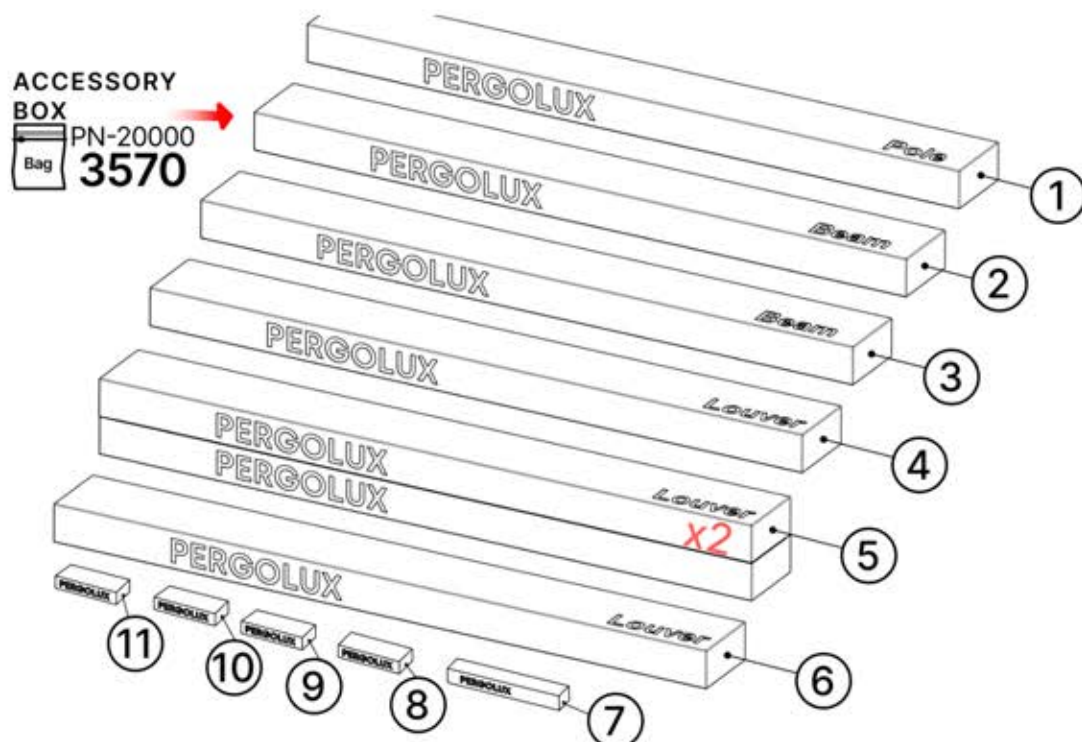


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

PACKAGE OVERVIEW

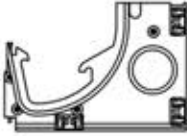
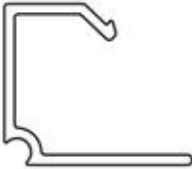


ORDER	ANTHRACITE	WHITE	BLACK
①	C126	C127	C128
②	B296	B300	B304
③	B314	B316	B318
④	L270	L274	L272
⑤	L258	L262	L260
⑥	L246	L250	L248
⑦	ELECTRIC MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		
⑪	SCREW KIT PN-200004211		

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		B296	B300	B304
		PN-200003491 1x		
		PN-200003524 1x		
		PN-200002347 2x		
		PN-200002350 1x		
		PN-200002357 1x		

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		B296	B300	B304
			PN-200002360 1x	
			PN-200002348 1x	
			PN-200002323 2x	
			PN-200002374 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		B296	B300	B304
 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

PERGOLUX

2

ANTHRACITE

WHITE

BLACK

B296

B300

B304

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



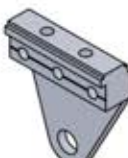
PN-200002324

1x



PN-200002330

1x



PN-200002340

1x



PN-200000832

4x



PN-200002134

2x



PN-200002333

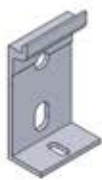
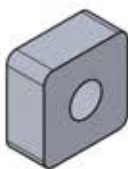
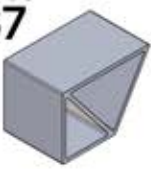
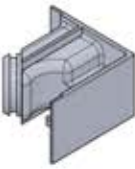
1x



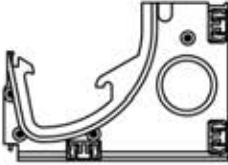
PN-200002327

1x

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
2		B296	B300	B304
		PN-200002291		
6x			PN-200002329	
		PN-200002318		
18x			PN-200000852	
8x				
		PN-200002373		
5x			PN-200002290	
		PN-200002319		
5x			PN-200002292	
5x				
		PN-200002371		
2x			PN-200002911	
		PN-200002370		
2x			PN-200002297	
2x				
		PN-200002286		
4x			PN-200002303	
			2x	

ITEMS IN BOX

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

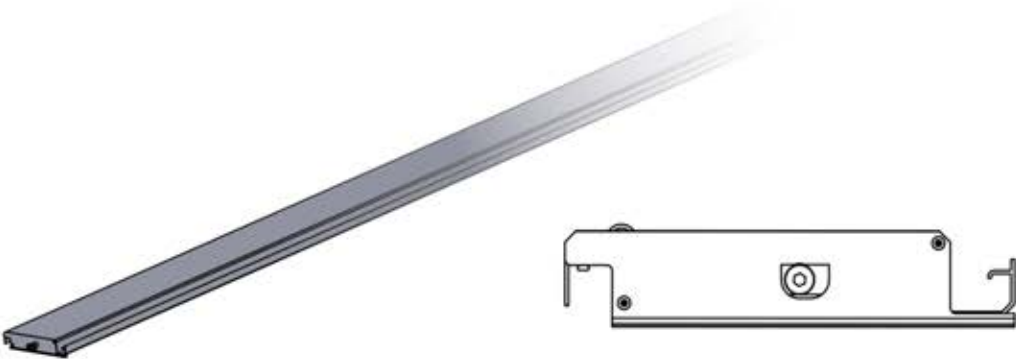
ITEMS IN BOX

		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 4x		
		LED = (LED) PN-200002365 4x		

ITEMS IN BOX



	ANTHRACITE	WHITE	BLACK
	L246	L250	L248



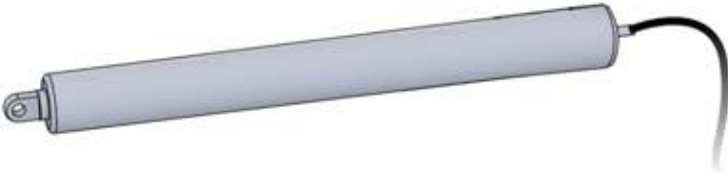
Standard = 

PN-200002367

4x



**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
3825



LED STRIP

4x



4 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.

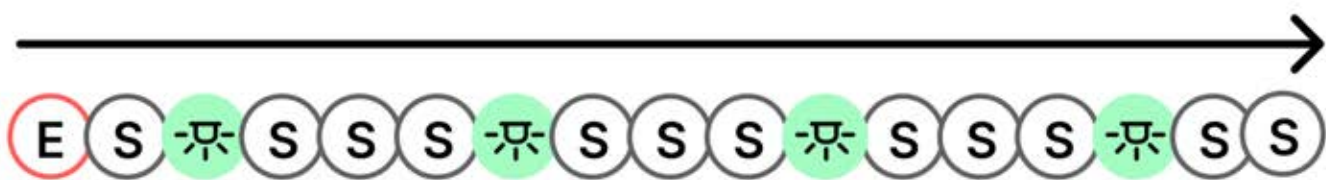
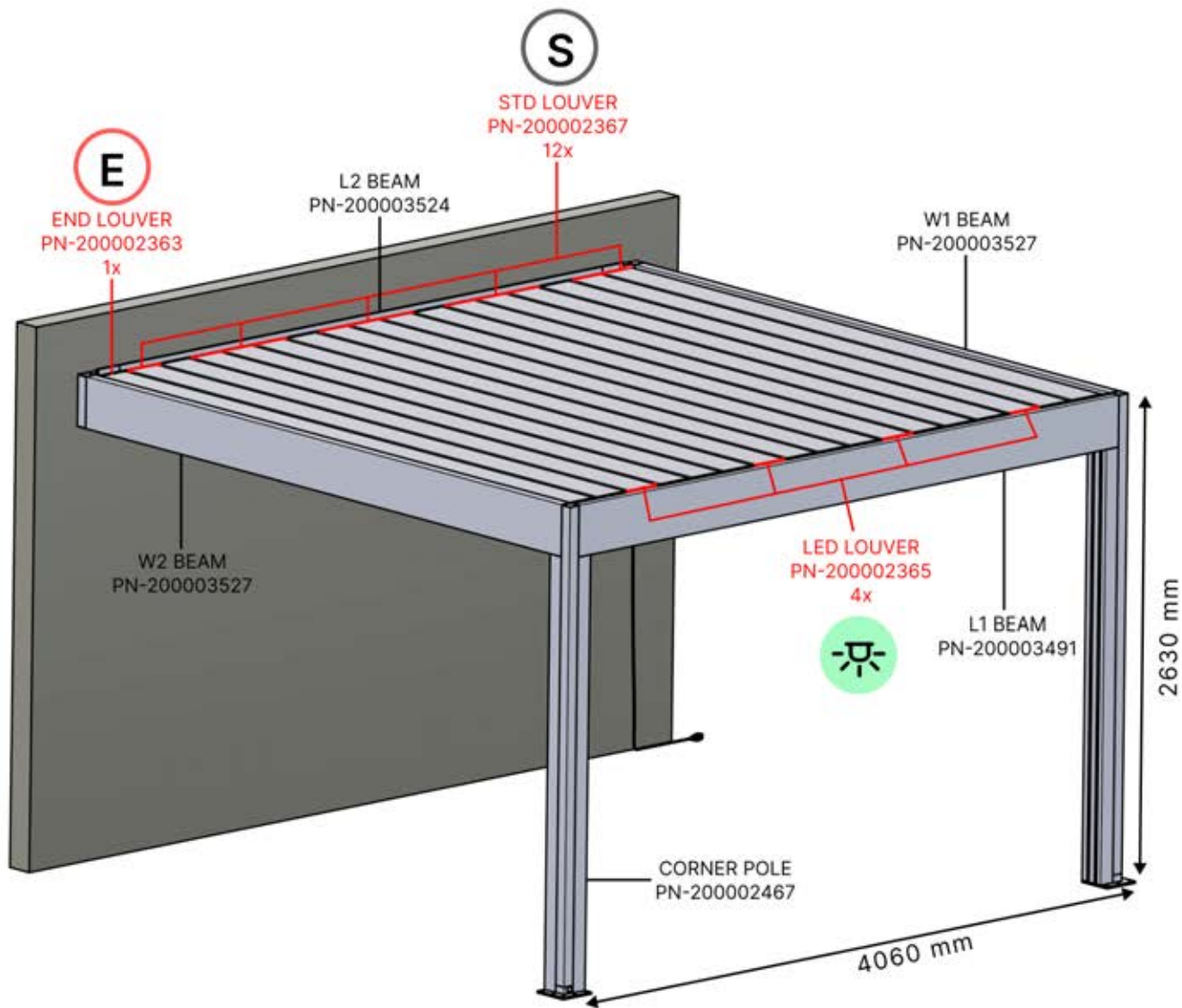
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



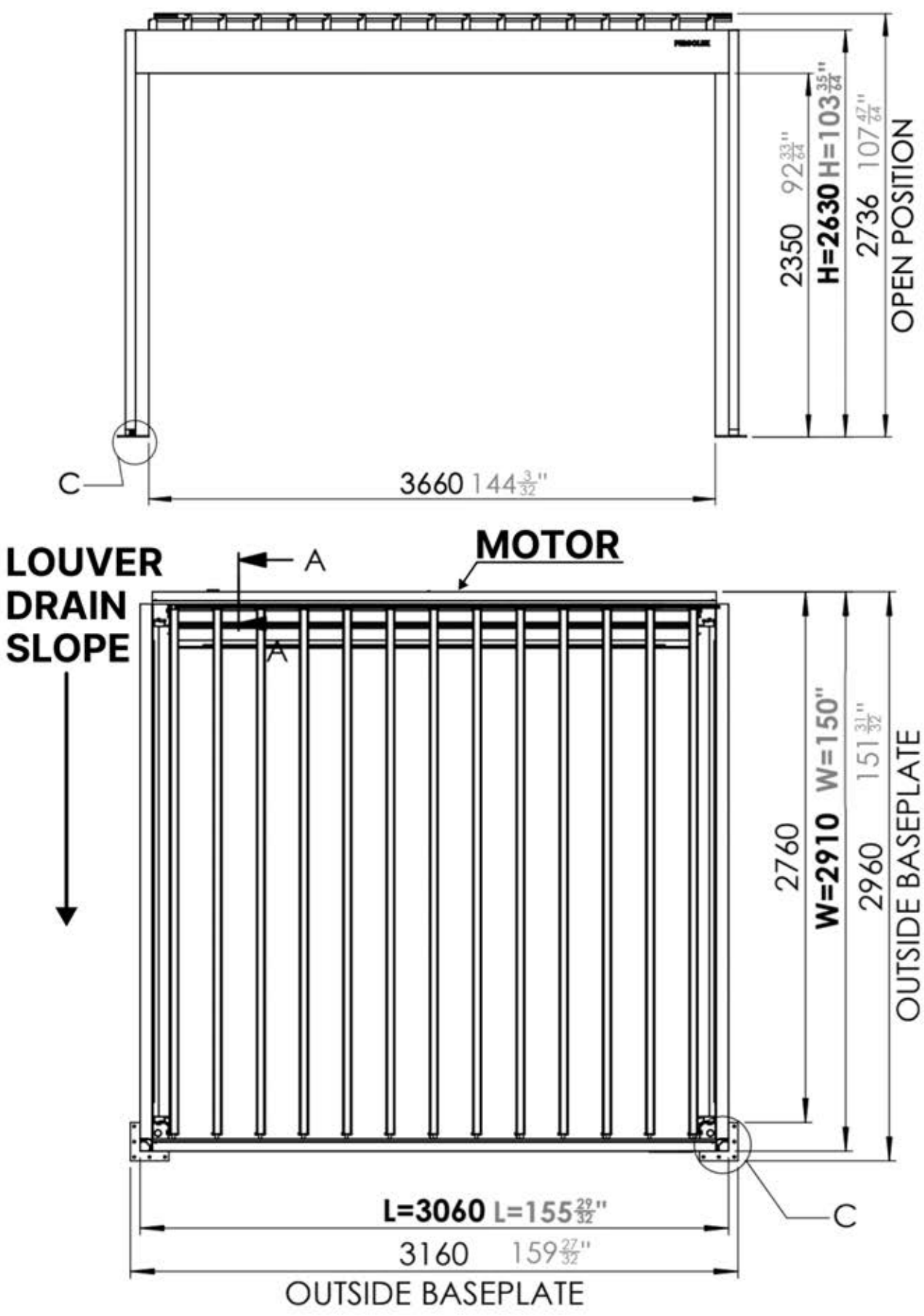
CONTROL BOX

[View Manual](#)

4 x 4 m / 13' x 13'



4 × 4 m / 13' x 13'



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.

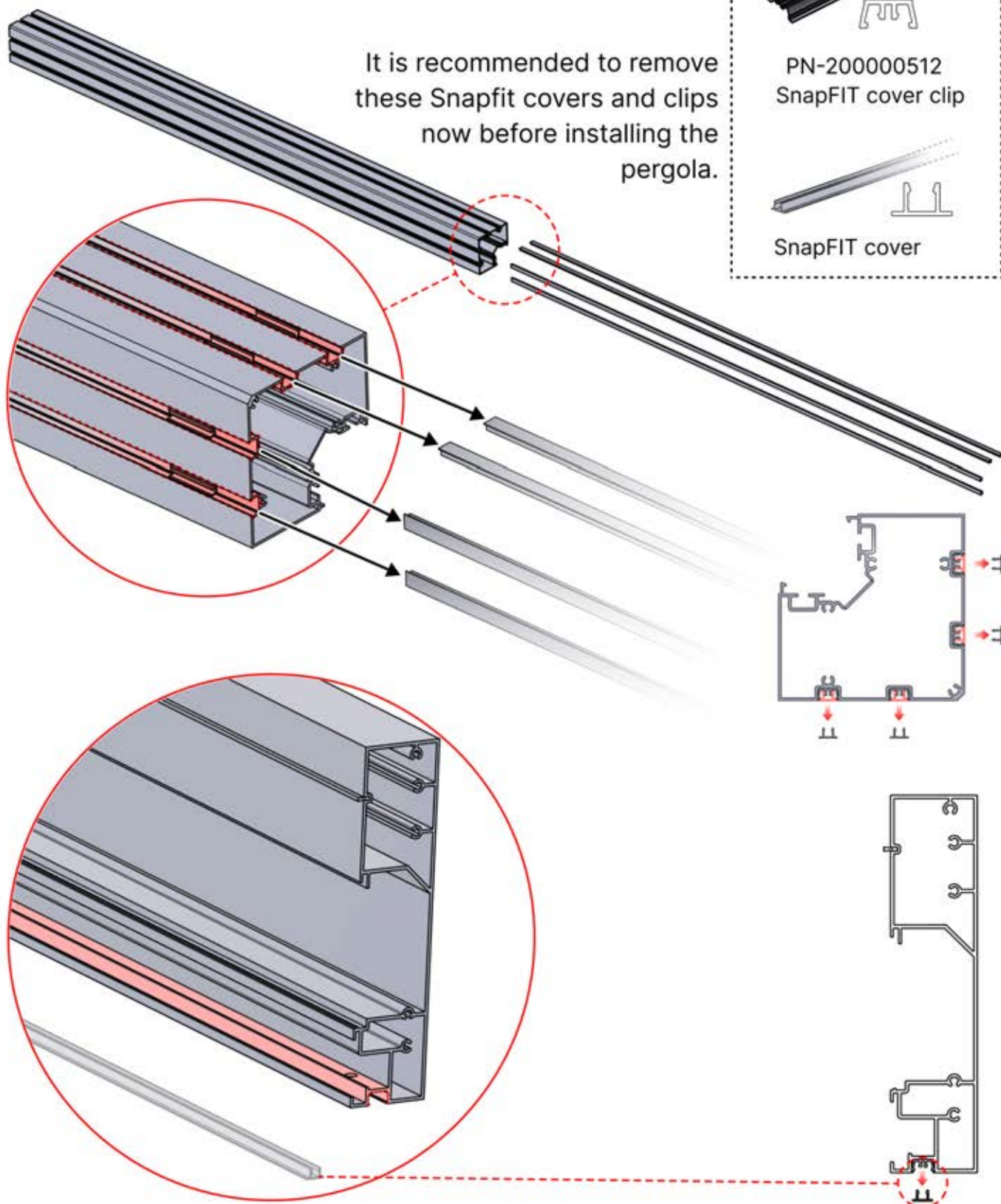
Cover and clips



PN-200000512
SnapFIT cover clip



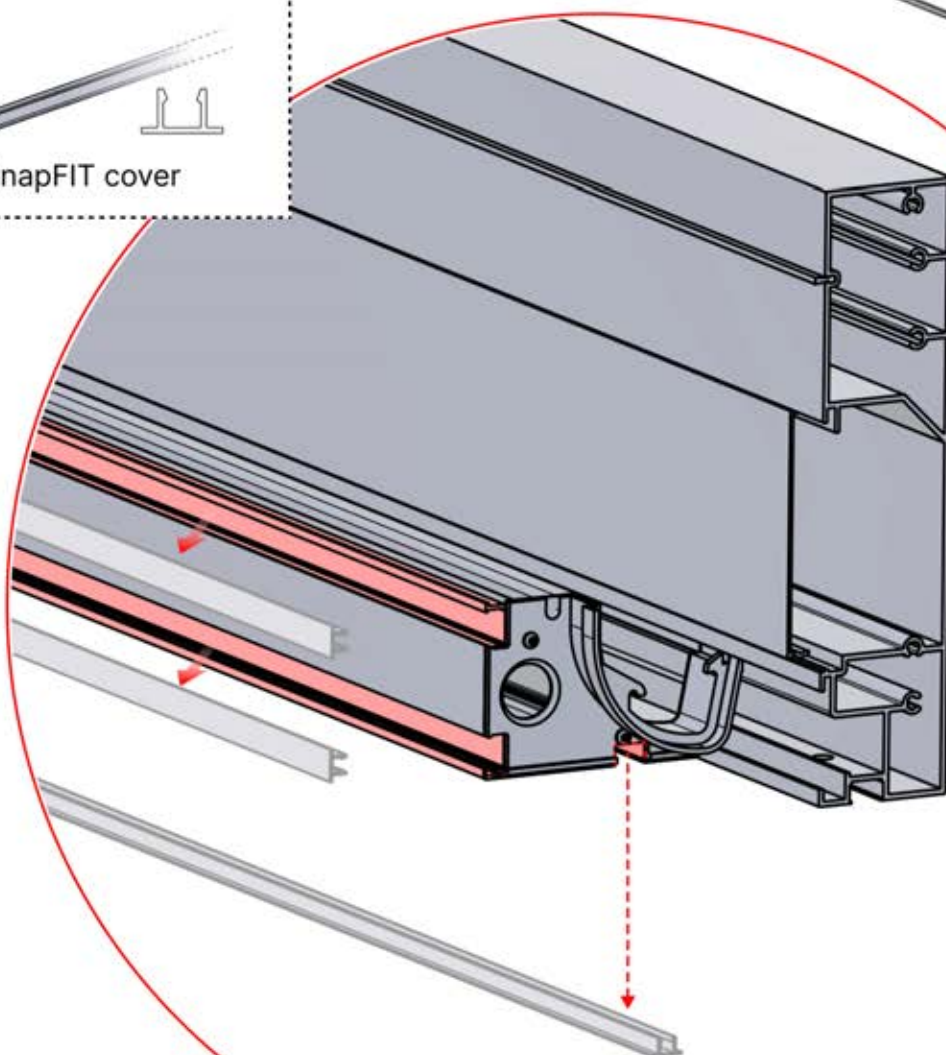
SnapFIT cover



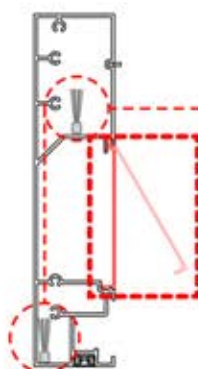
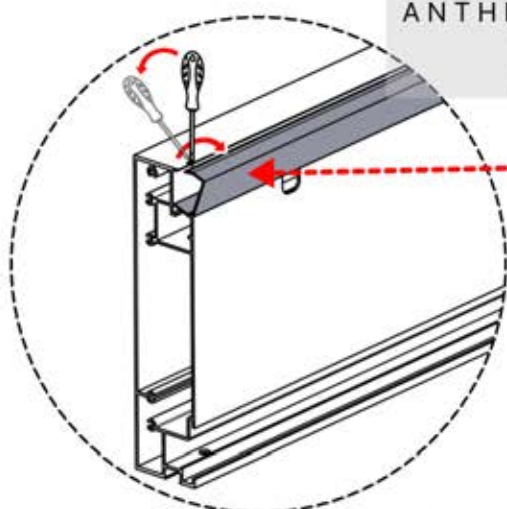
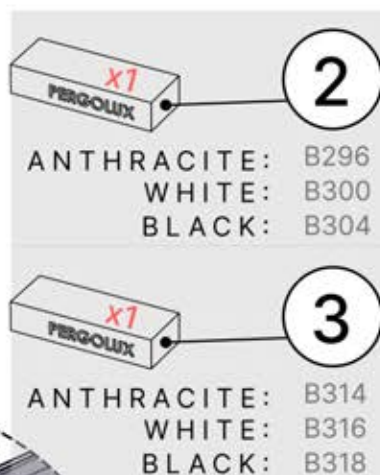
INFORMATION

Are you installing a heater or fan ?

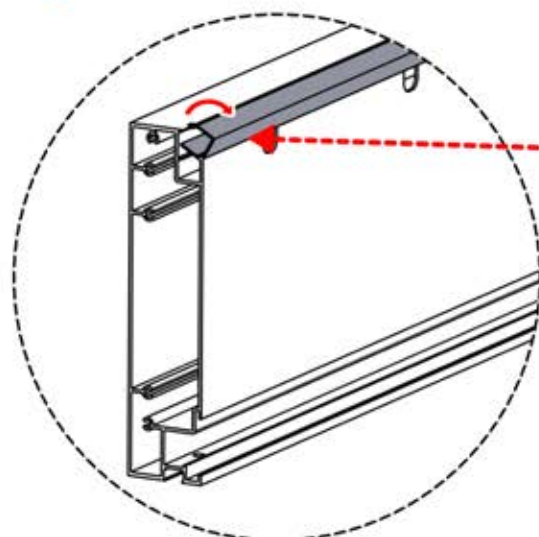
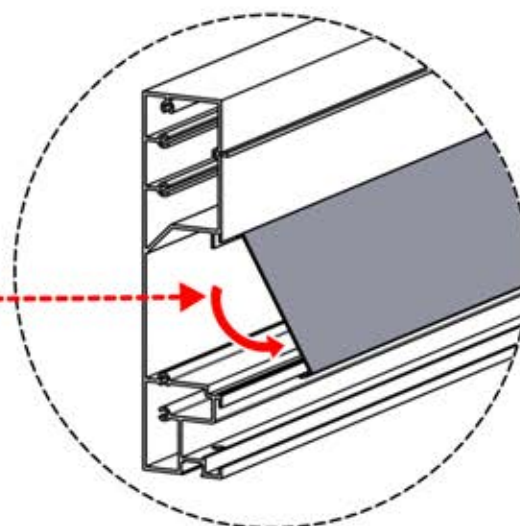
It is recommended to remove both snap-fit covers from the beam now.



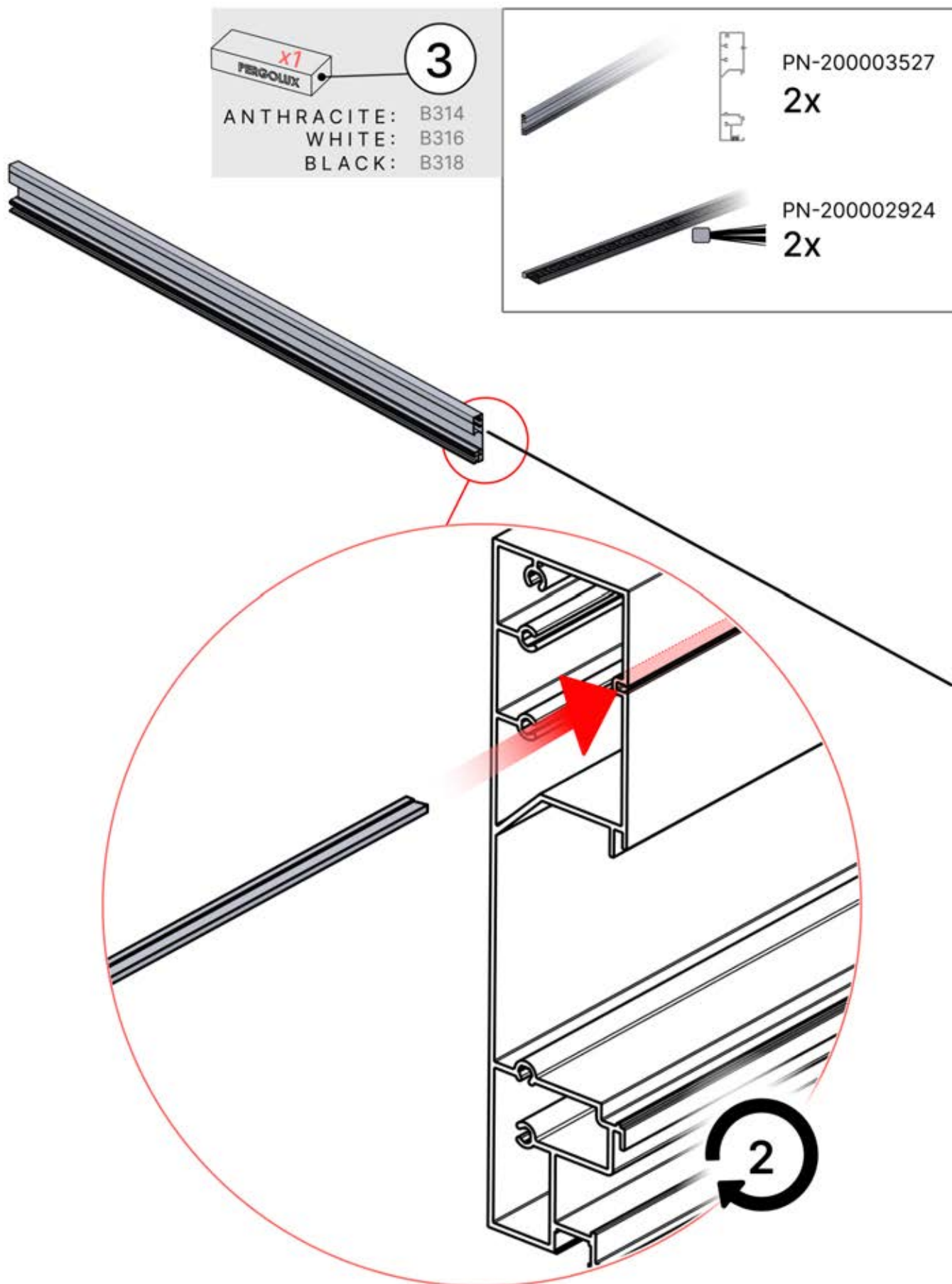
INFORMATION



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



INFORMATION

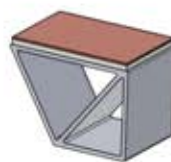


01



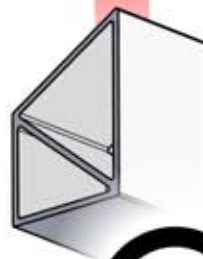
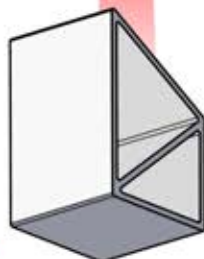
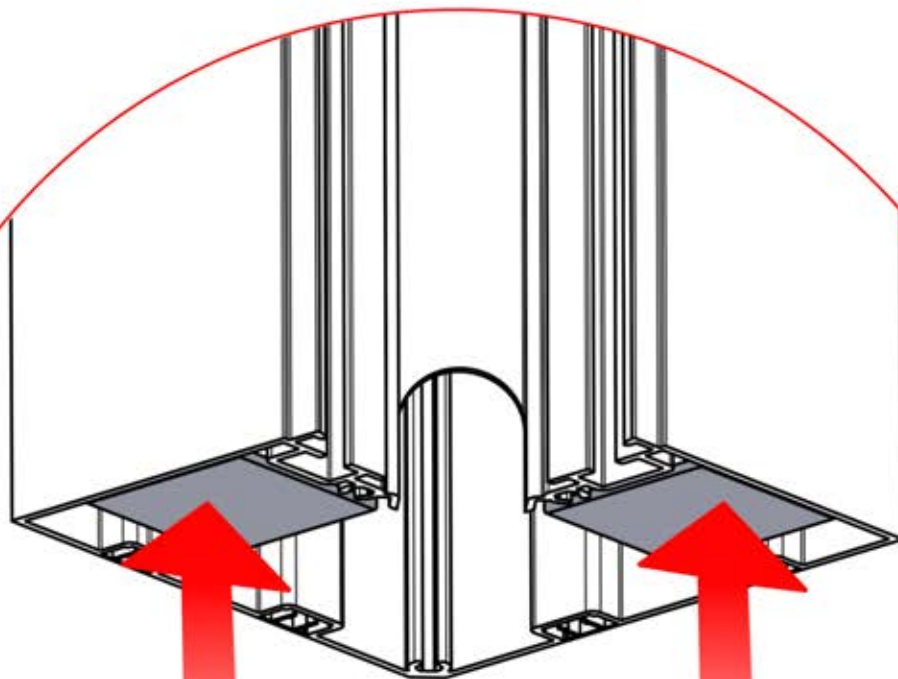
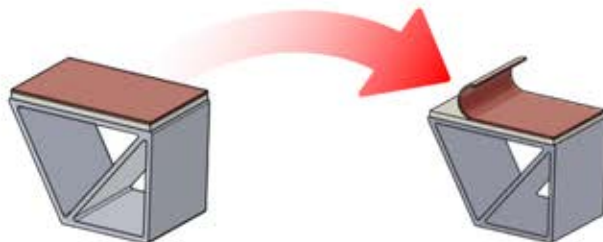
2

ANTHRACITE: B296
WHITE: B300
BLACK: B304



PN-200002286

4x



2



02



1

ANTHRACITE: C126
WHITE: C127
BLACK: C128



2

ANTHRACITE: B296
WHITE: B300
BLACK: B304



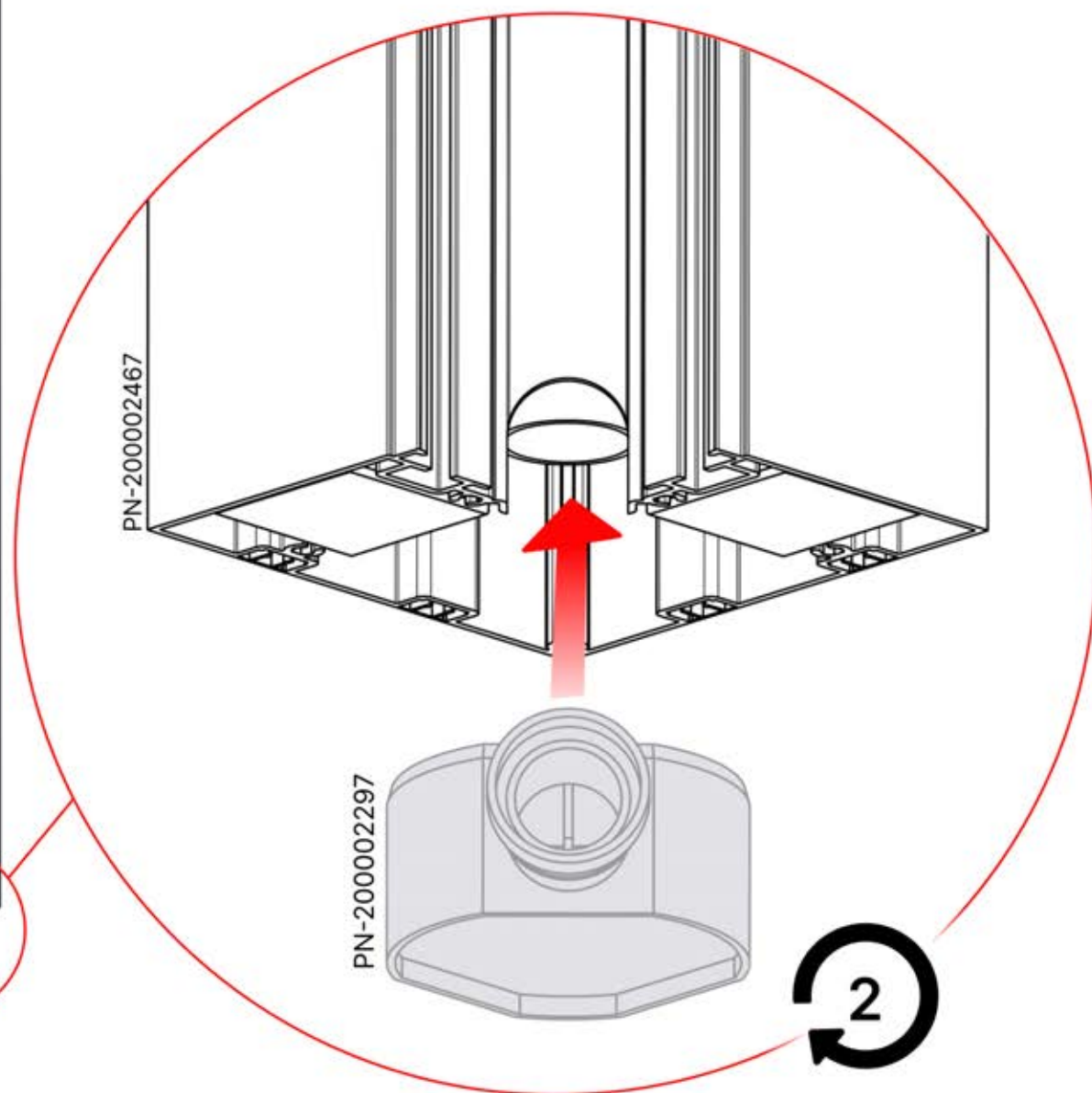
PN-200002467
2x



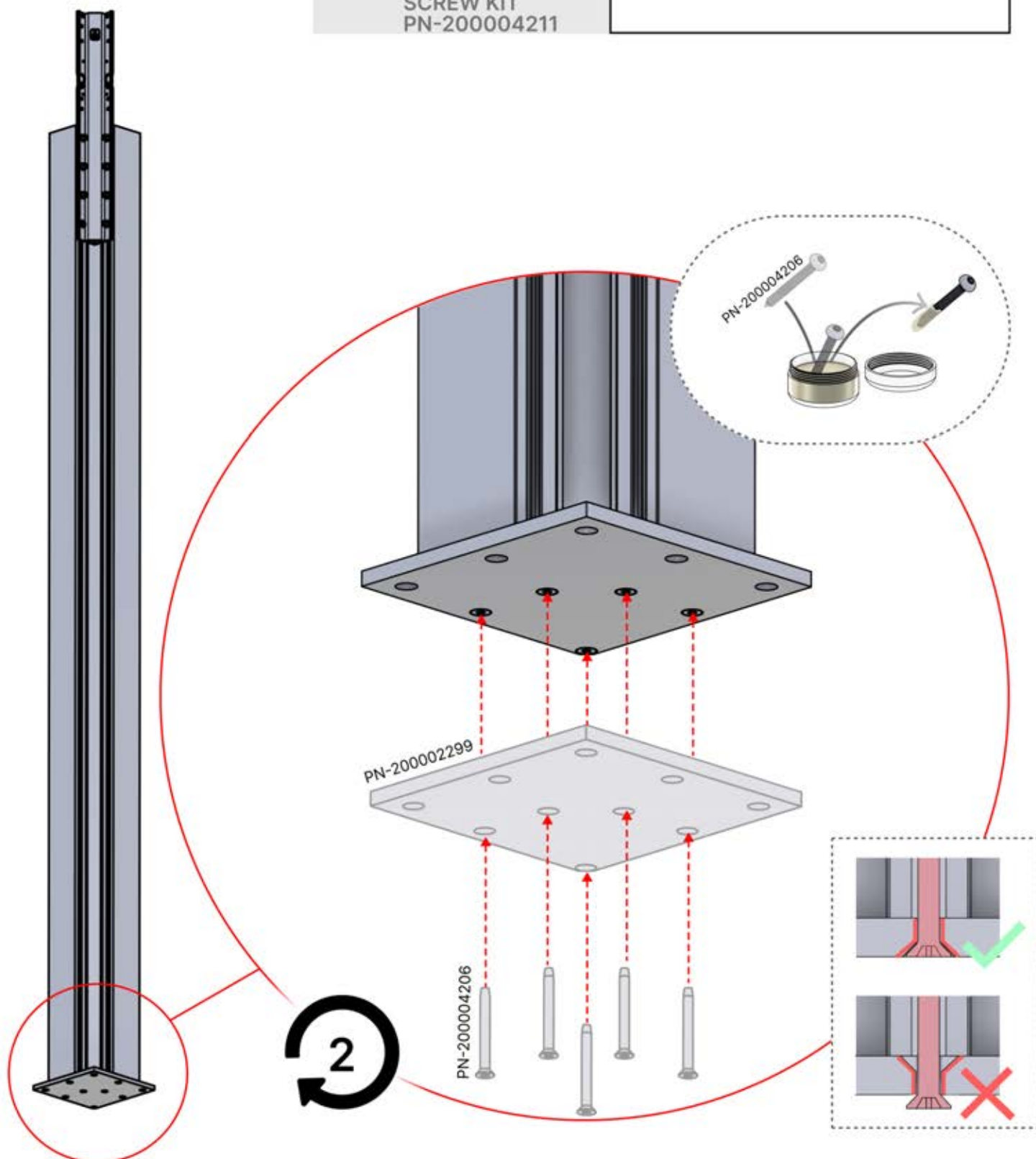
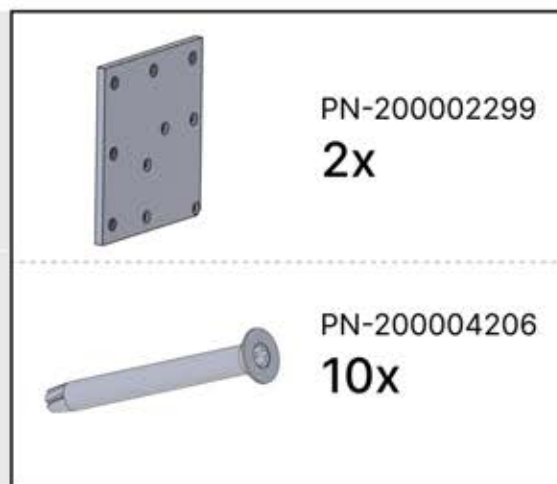
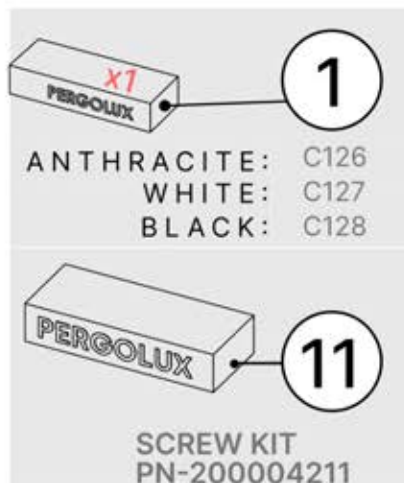
PN-200002297
2x

PN-20000
3768





03

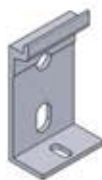


04



2

ANTHRACITE: B296
WHITE: B300
BLACK: B304



PN-200002373

5x

PN-20000
3752

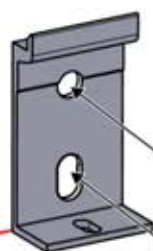
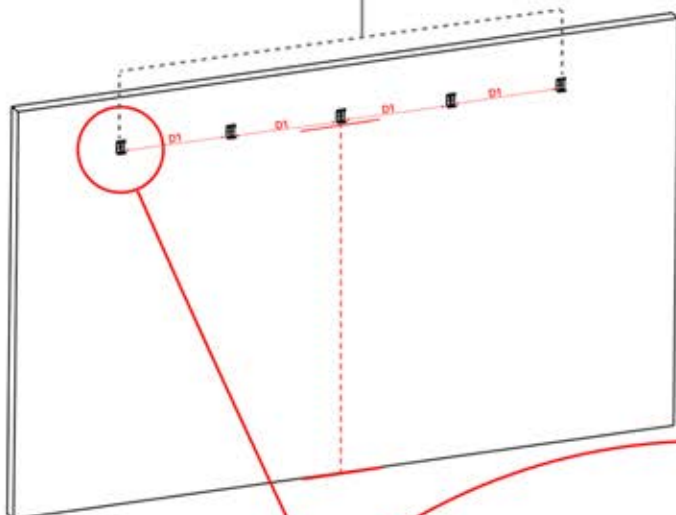


x10



Install the first and last wall mount brackets (PN-PN-200002373) 3600 mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.

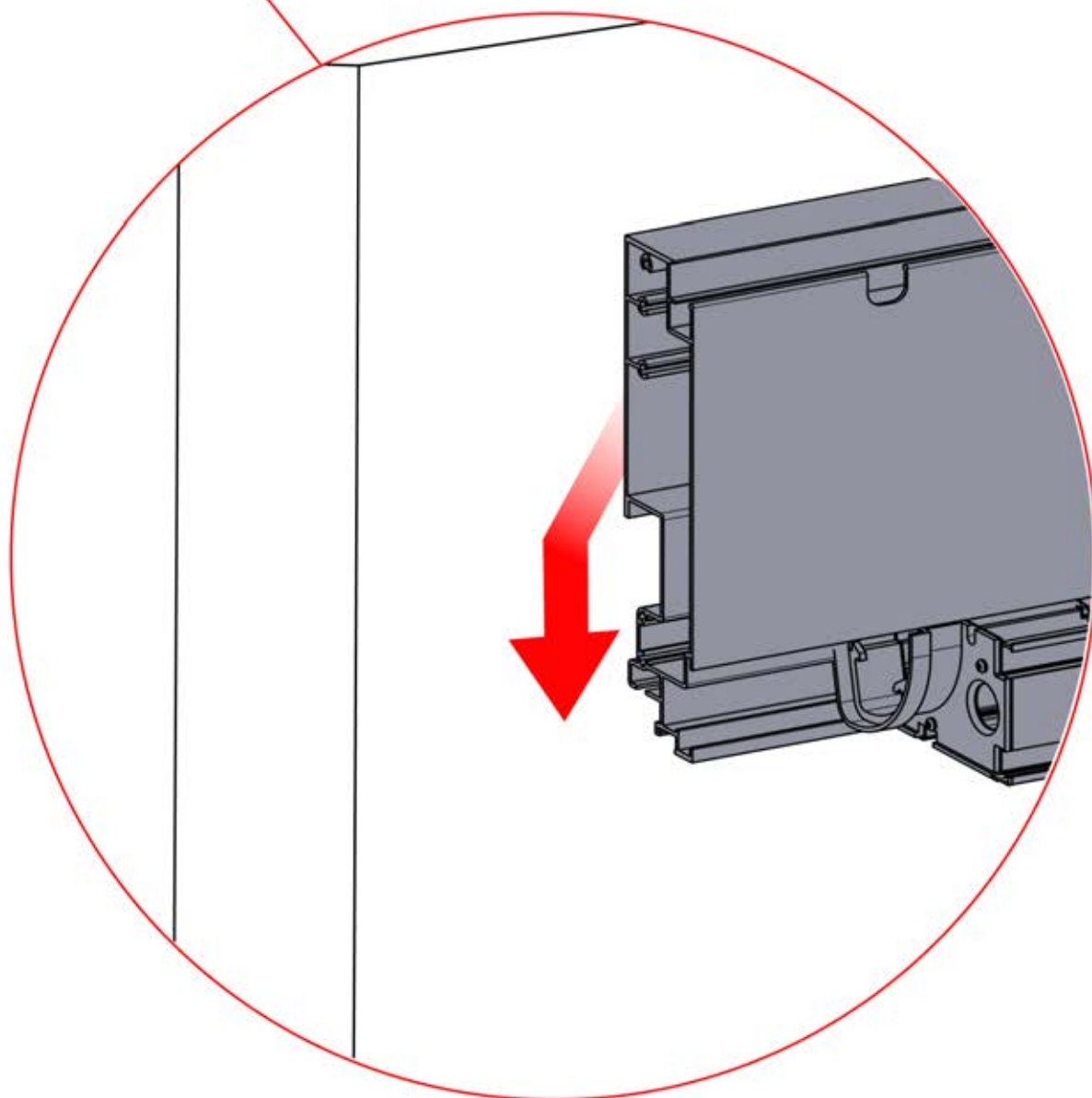
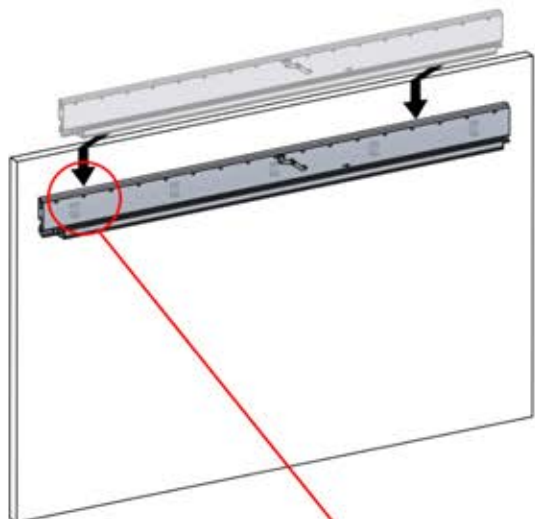
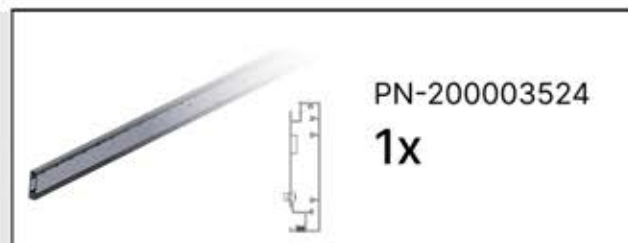
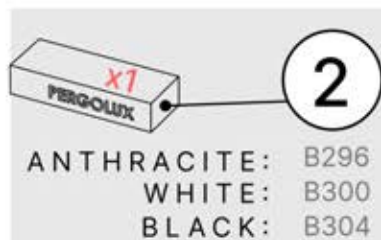
3600mm



2371 mm
93 3/8"



05

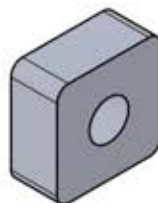


06



2

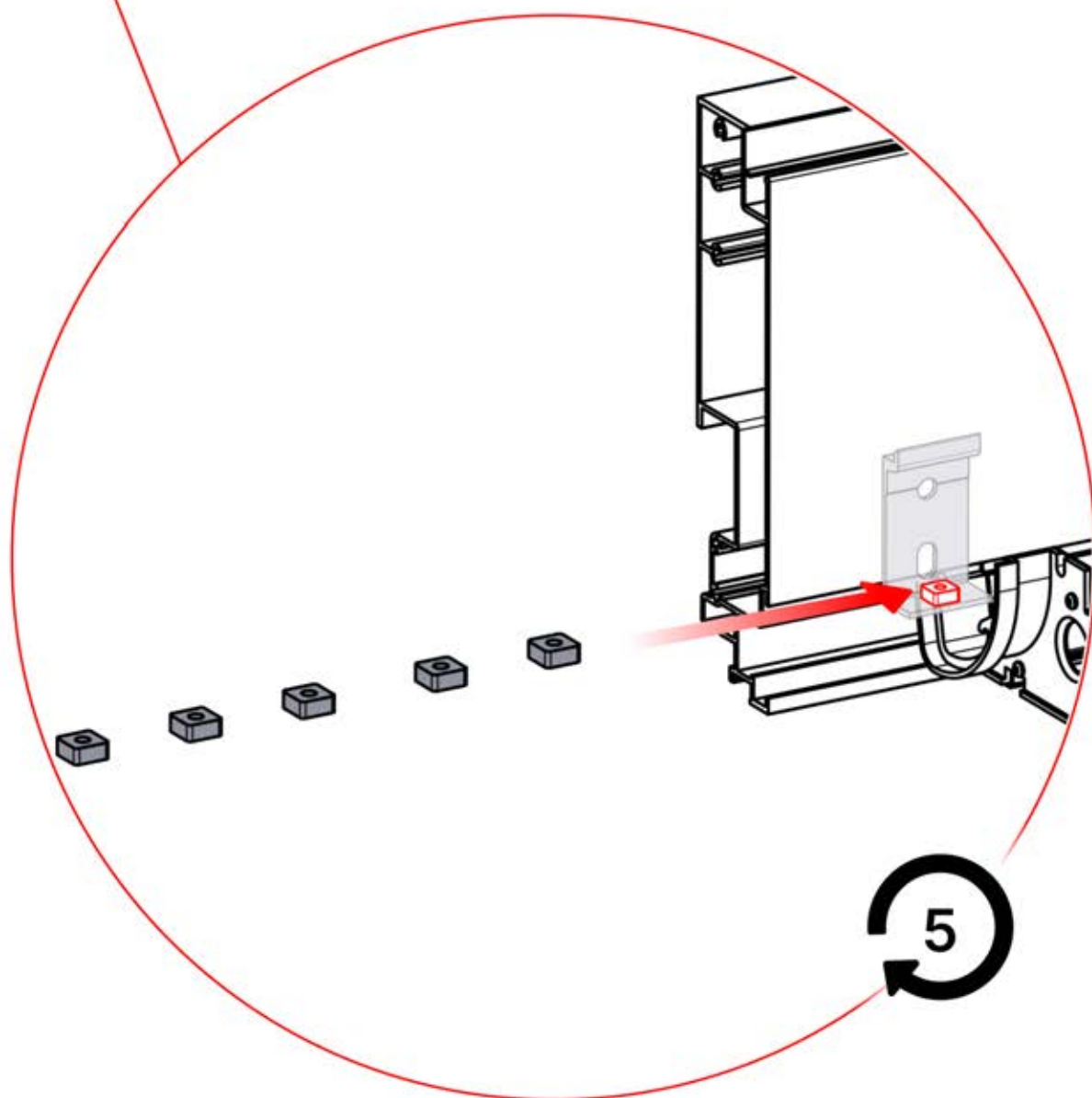
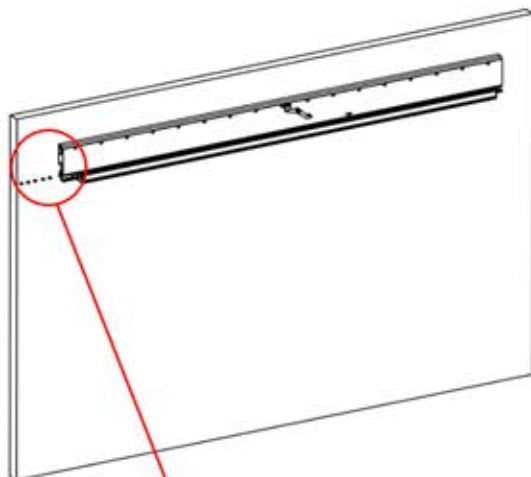
ANTHRACITE: B296
WHITE: B300
BLACK: B304



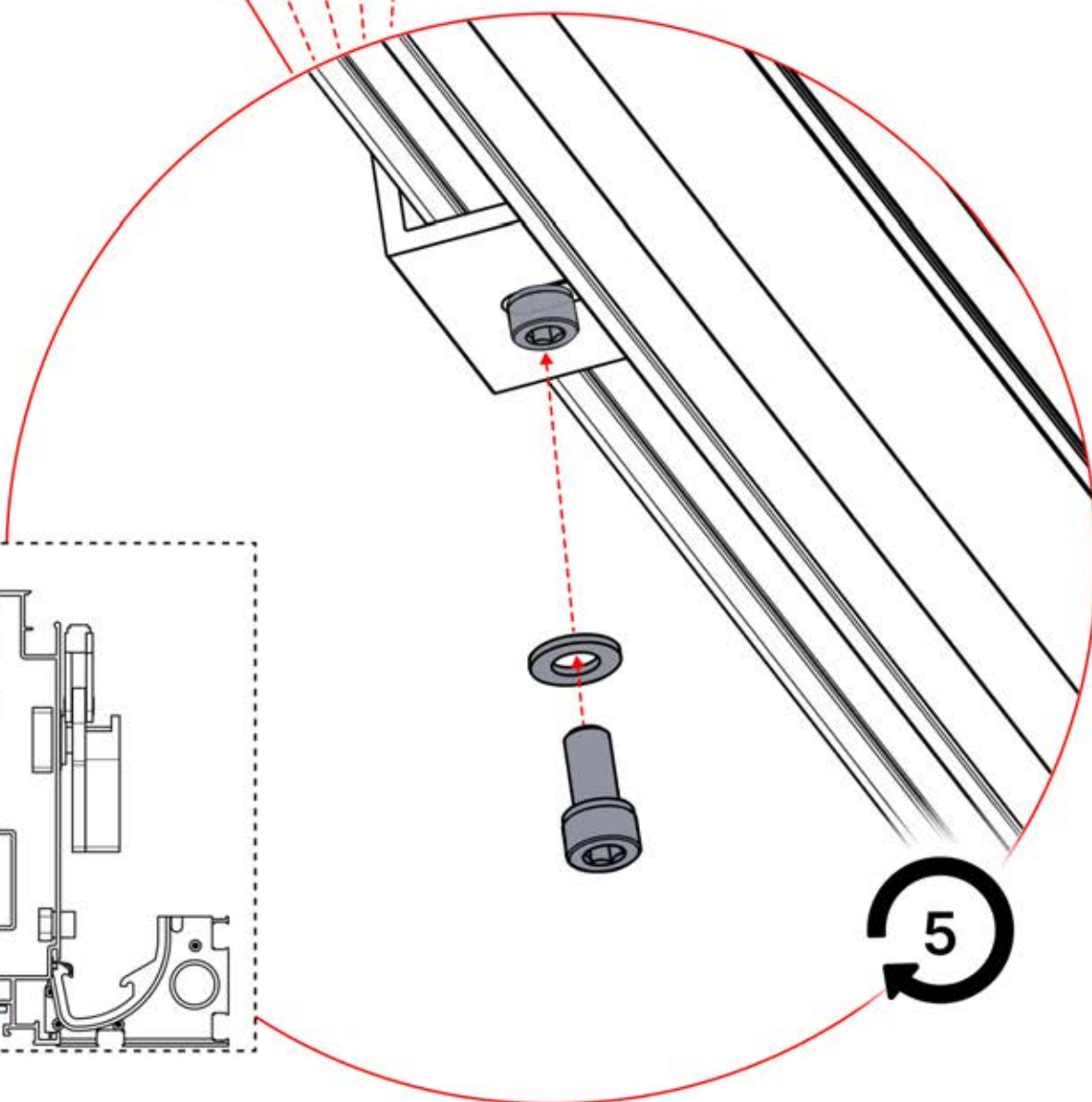
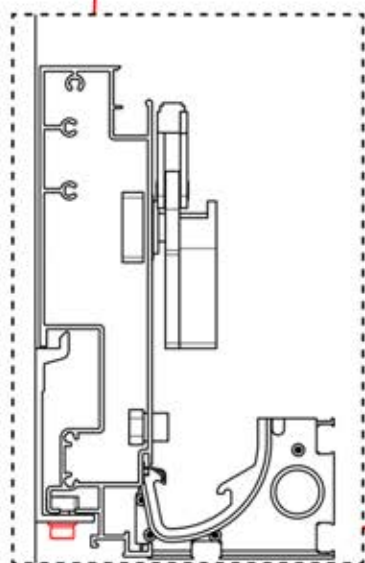
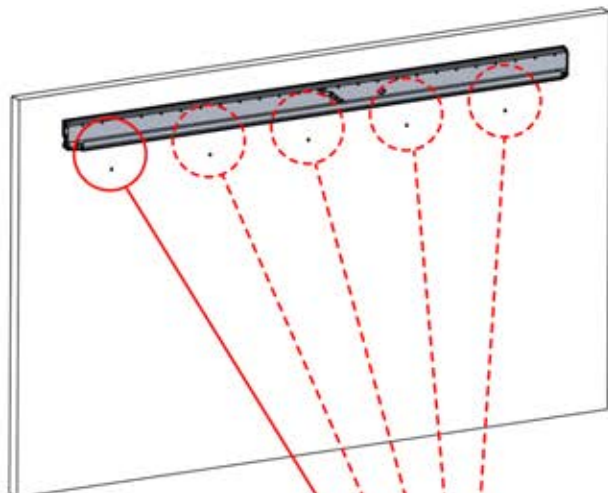
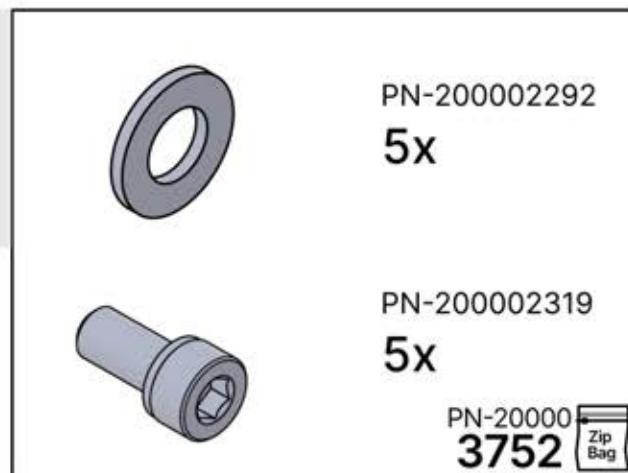
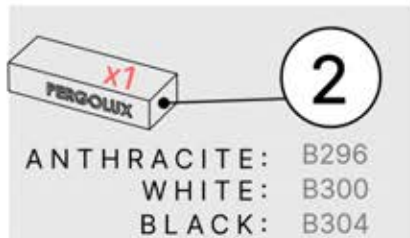
PN-200002290

5x

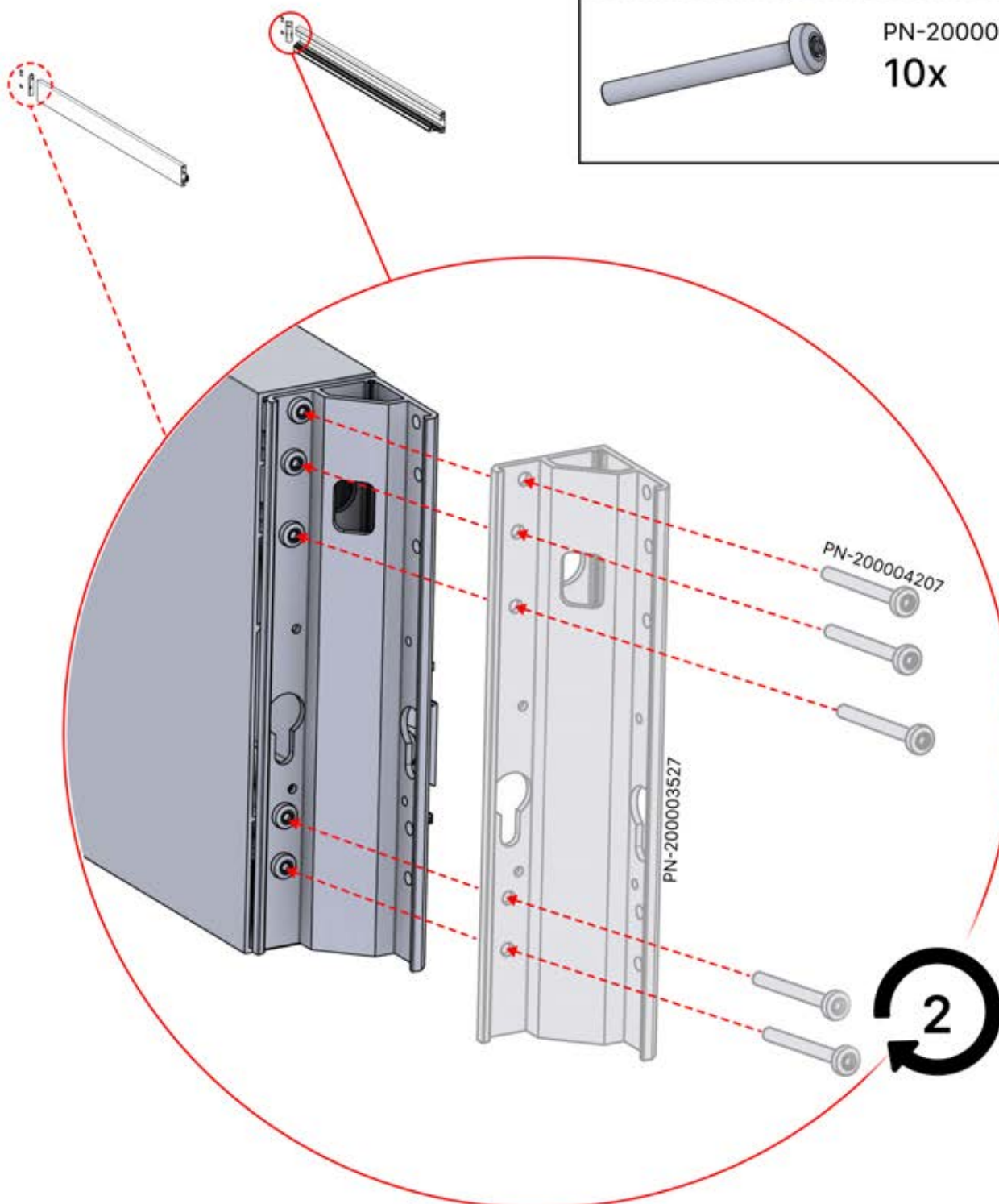
PN-20000
3752



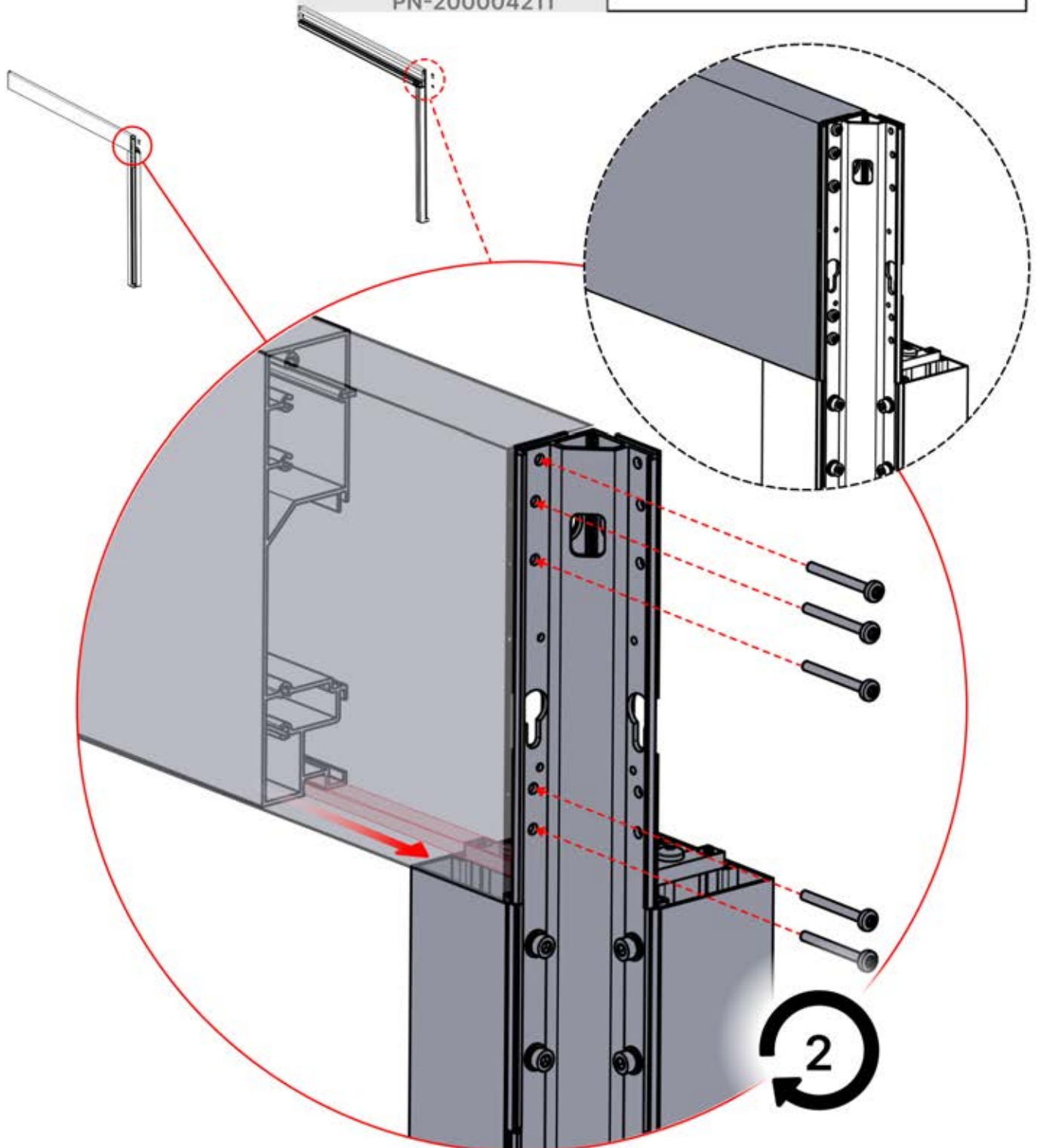
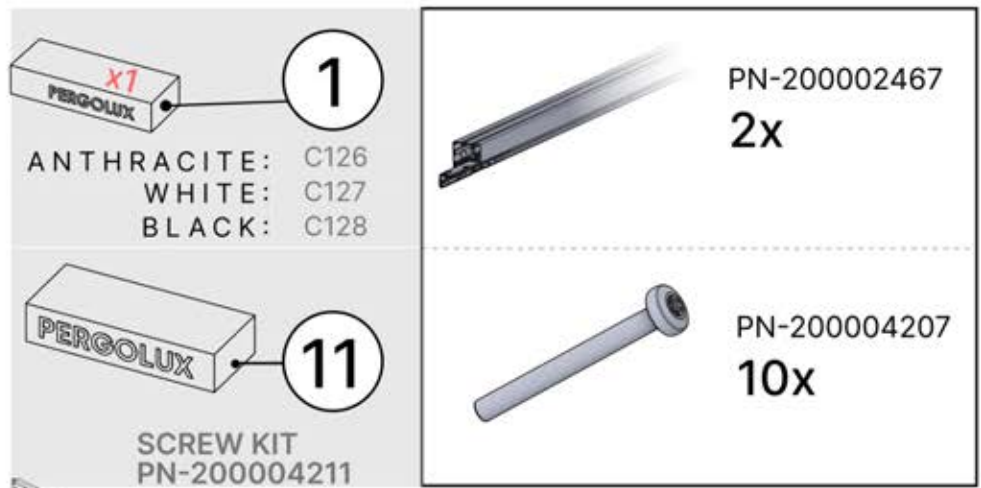
07



08



09



10

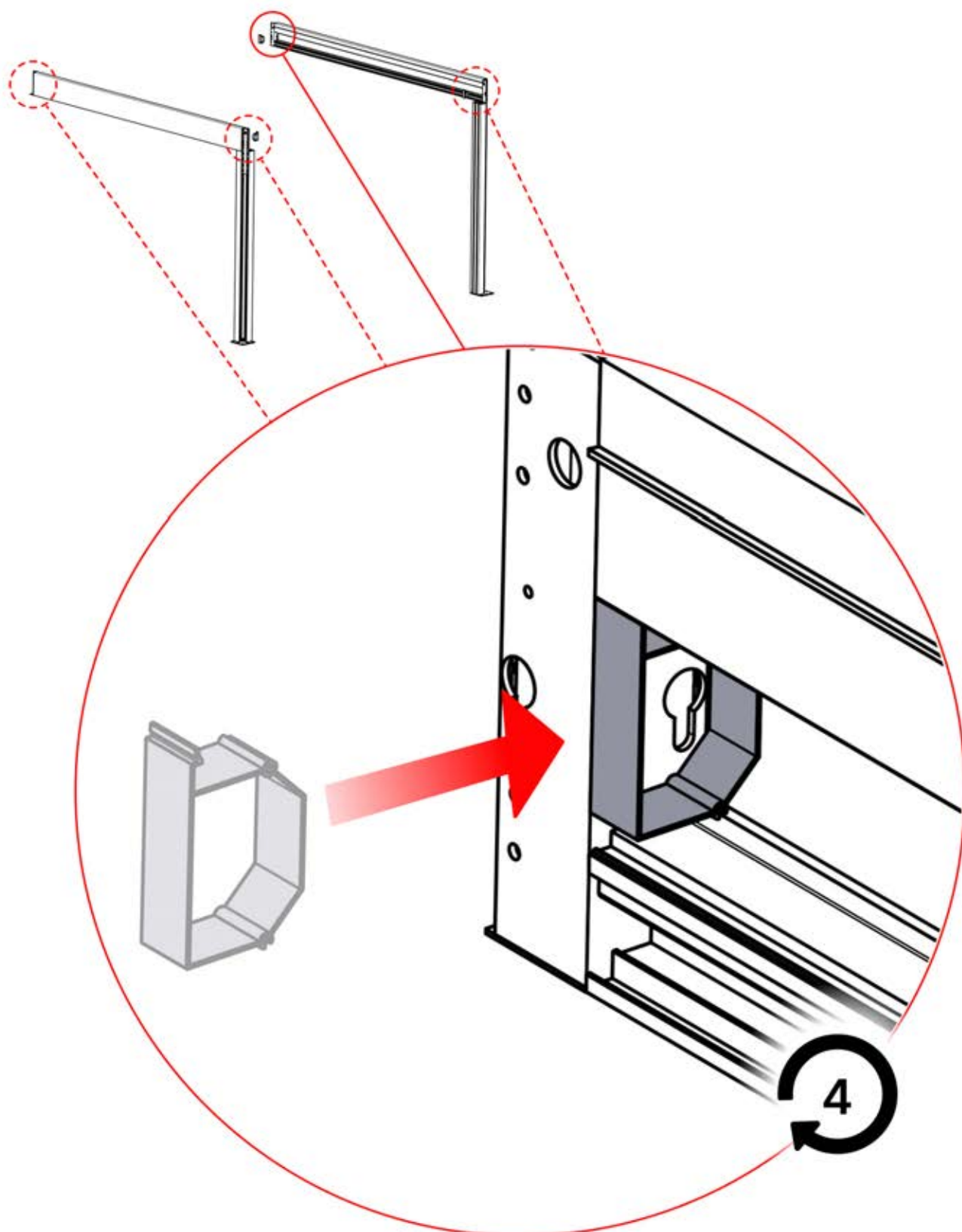
 **x7**

2

ANTHRACITE: B296
WHITE: B300
BLACK: B304



PN-200002329
4x
PN-20000
3497 



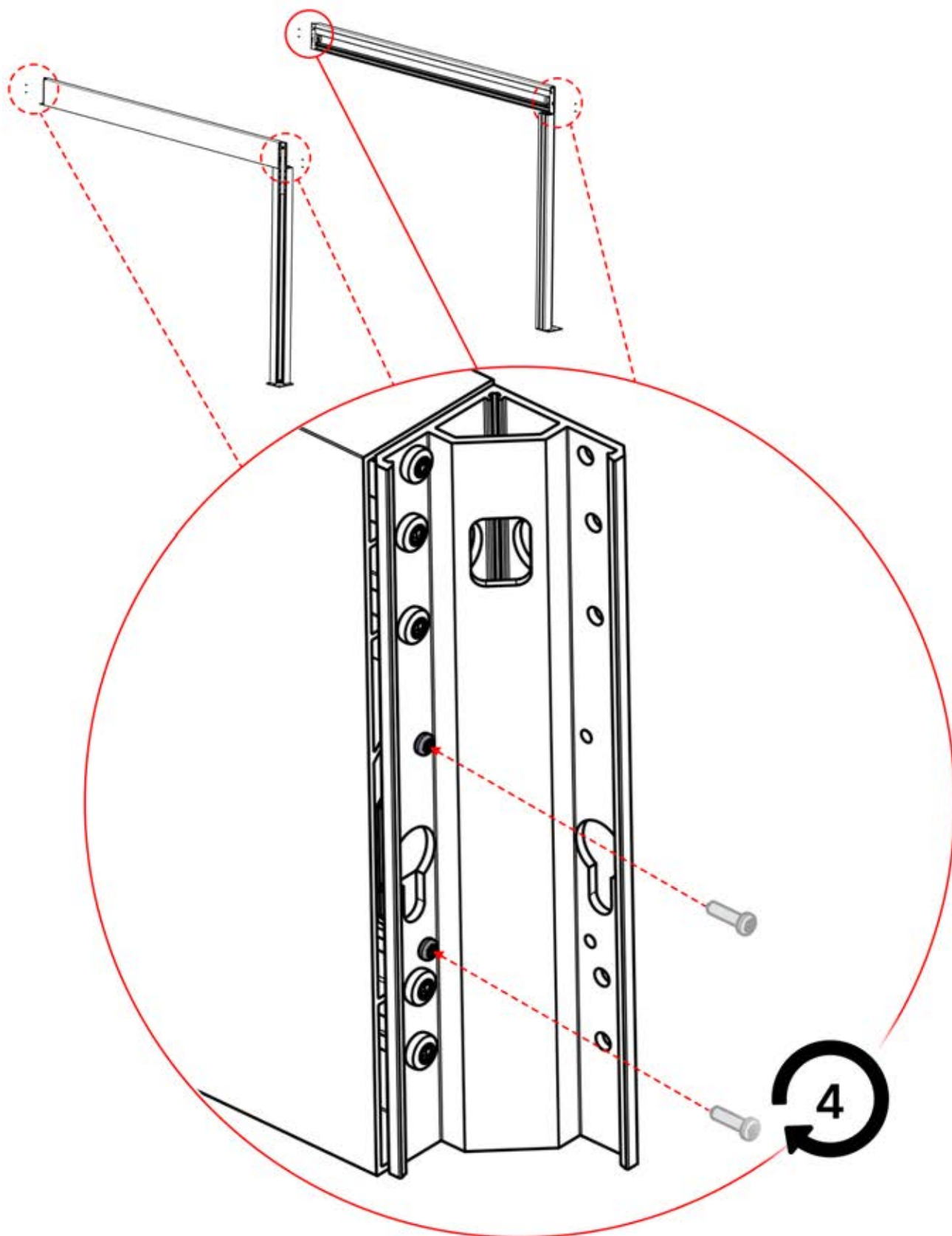
11

 **2**

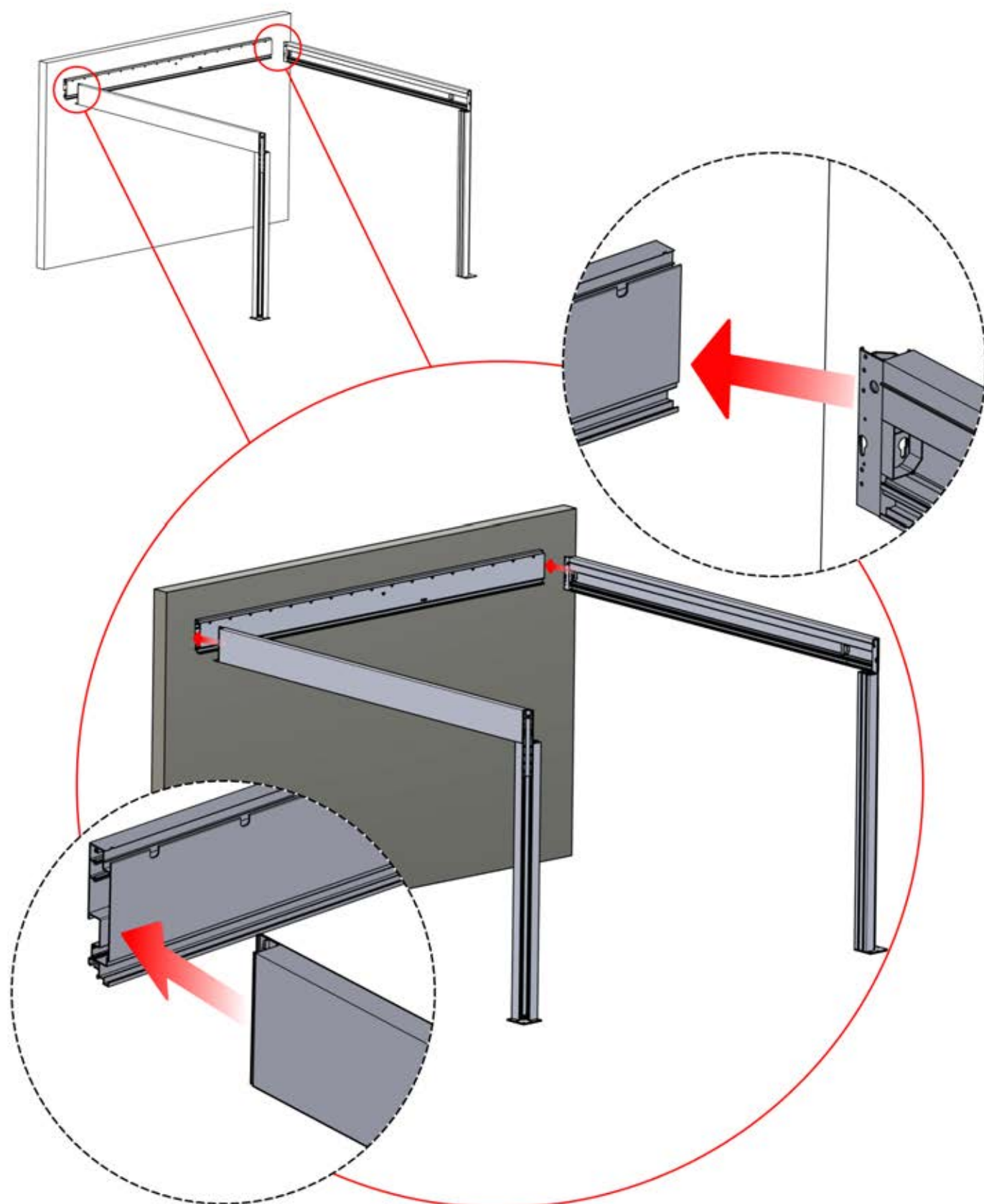
ANTHRACITE: B296
WHITE: B300
BLACK: B304



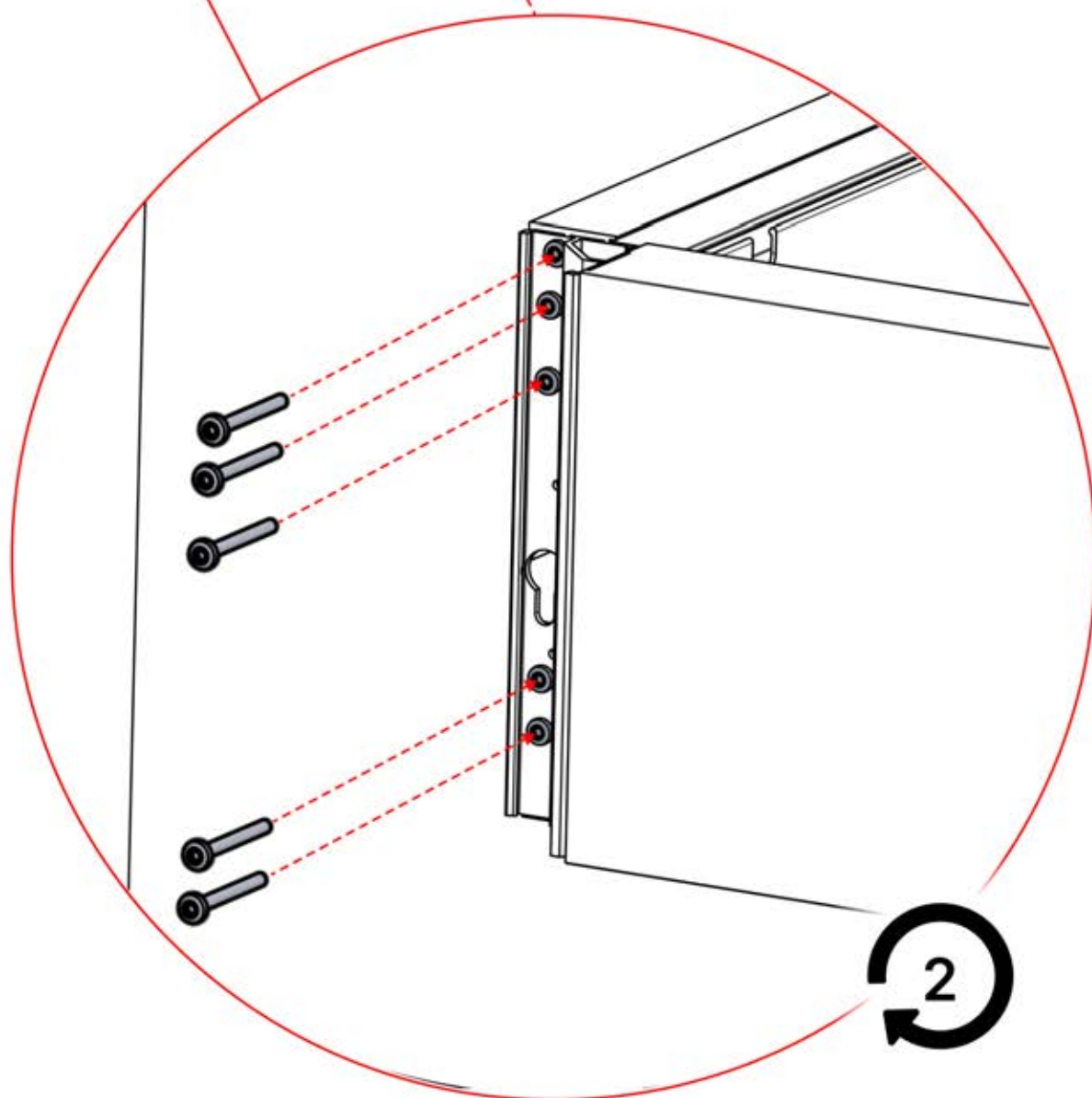
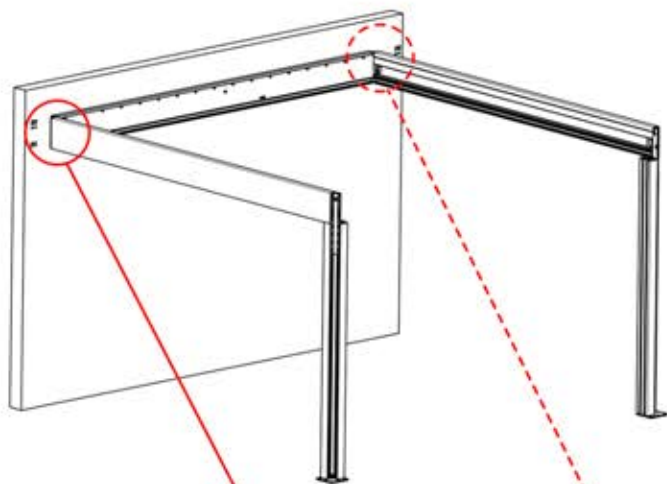
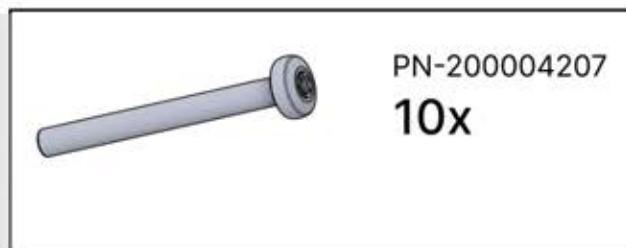
PN-200000852
8x
PN-20000
3497 



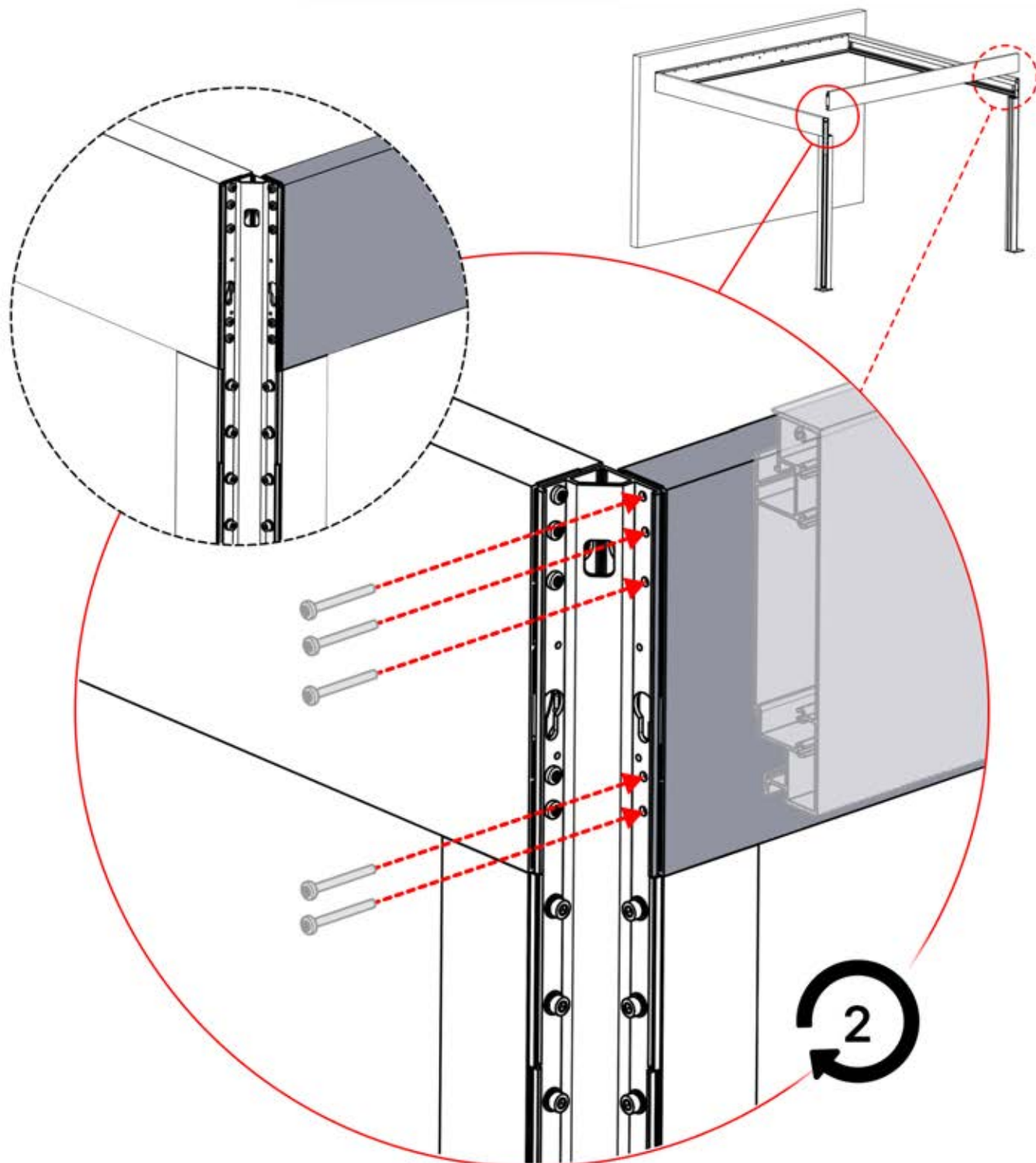
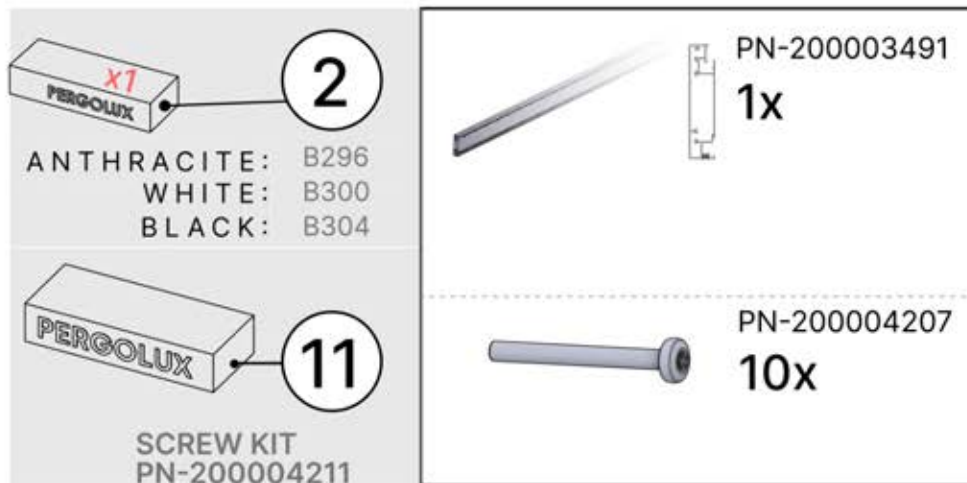
12



13



14

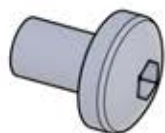


15



2

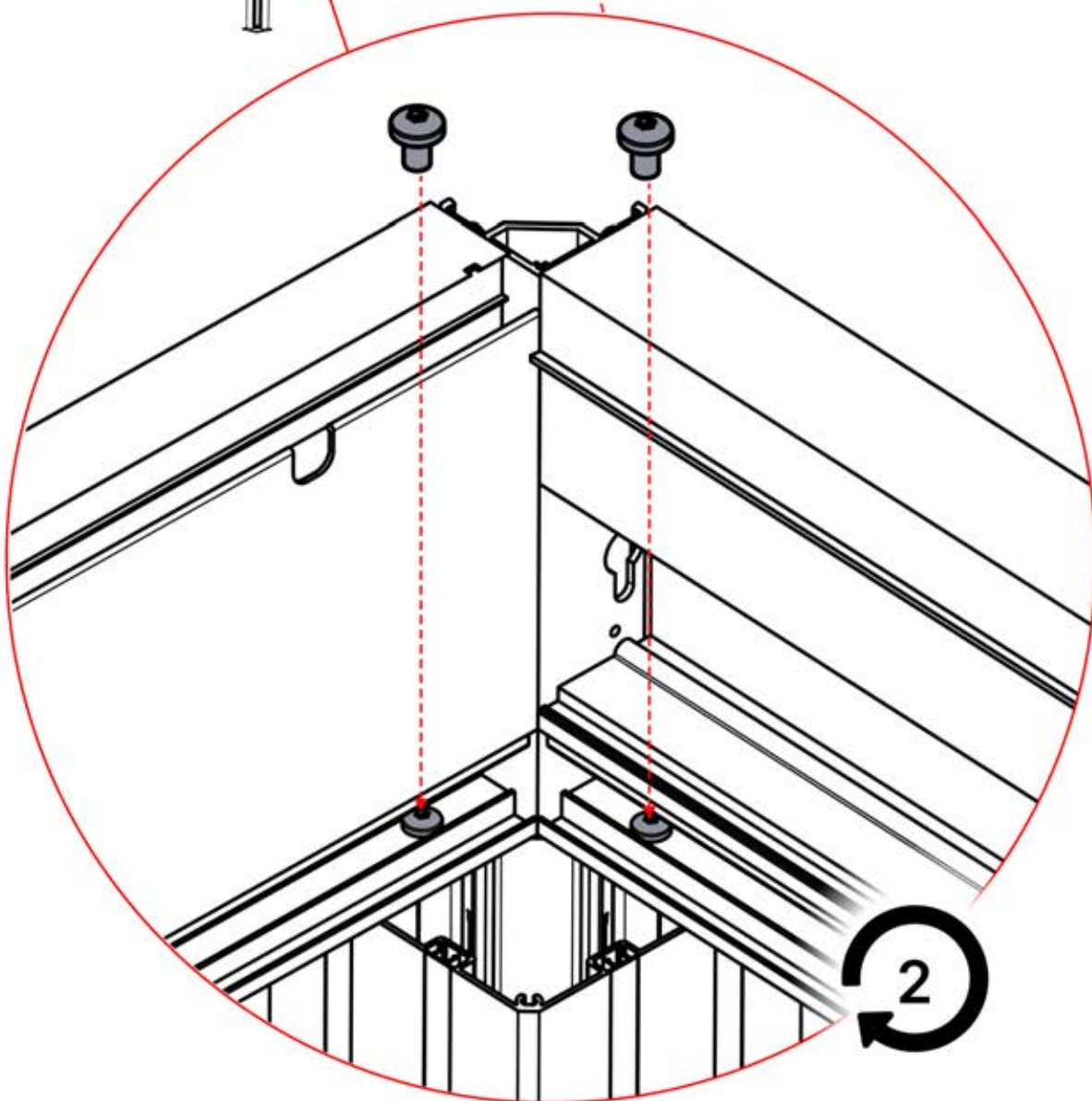
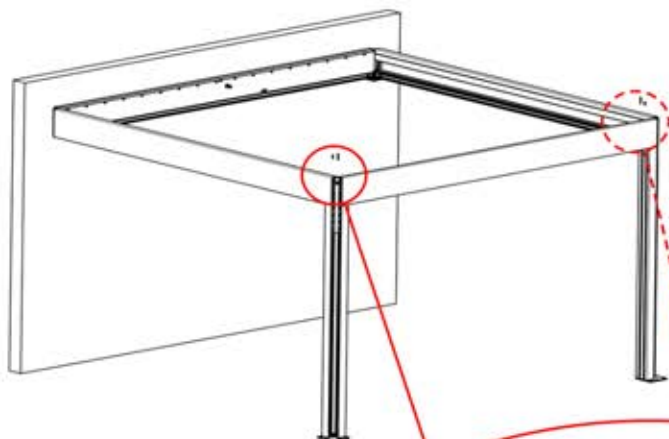
ANTHRACITE: B296
WHITE: B300
BLACK: B304



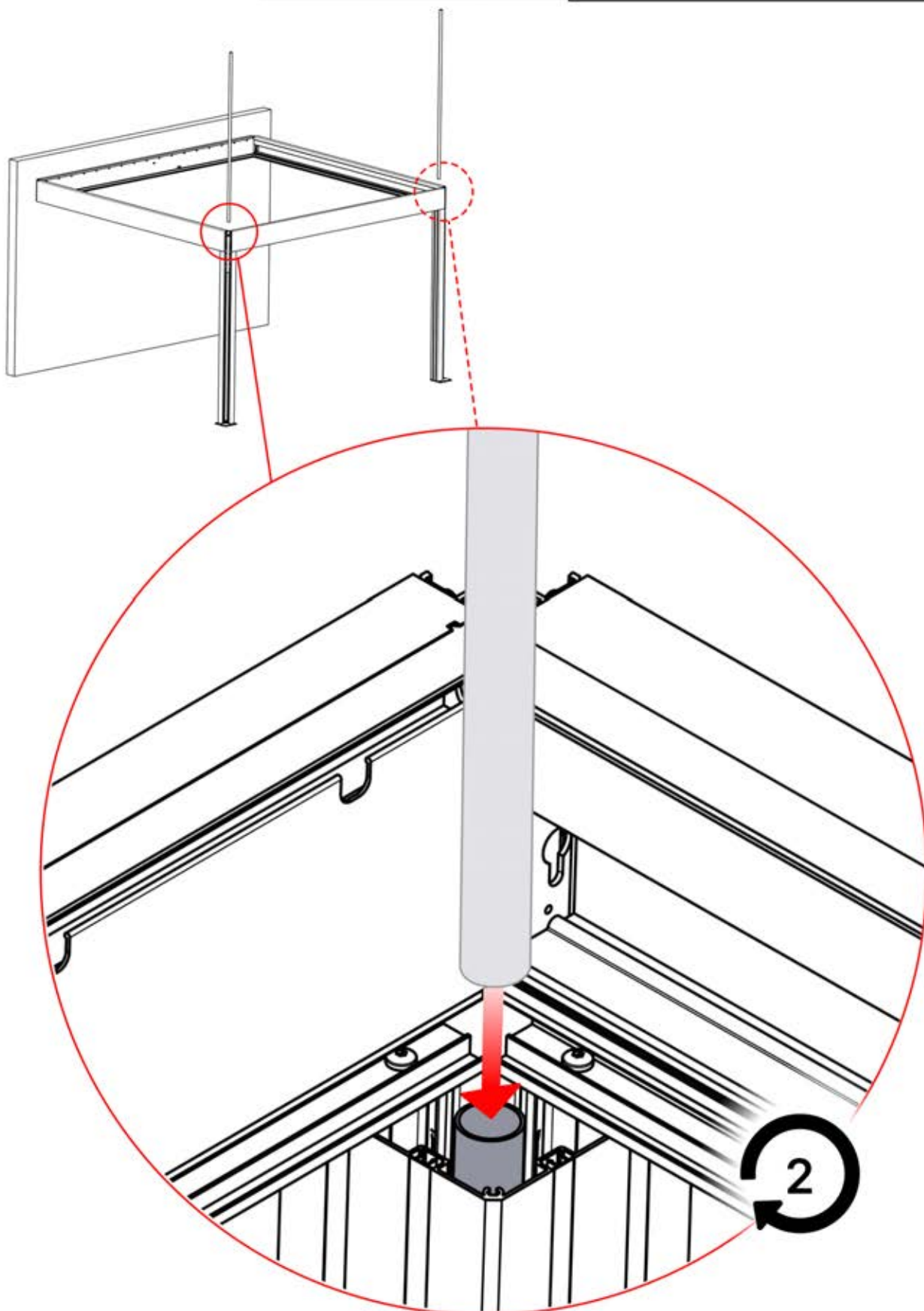
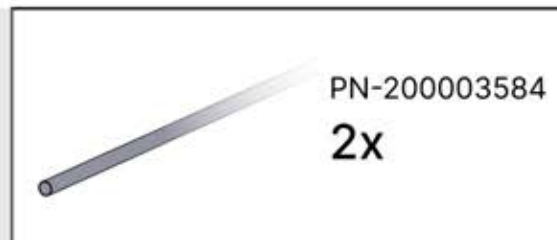
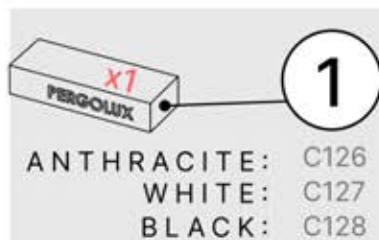
PN-200000655

4x

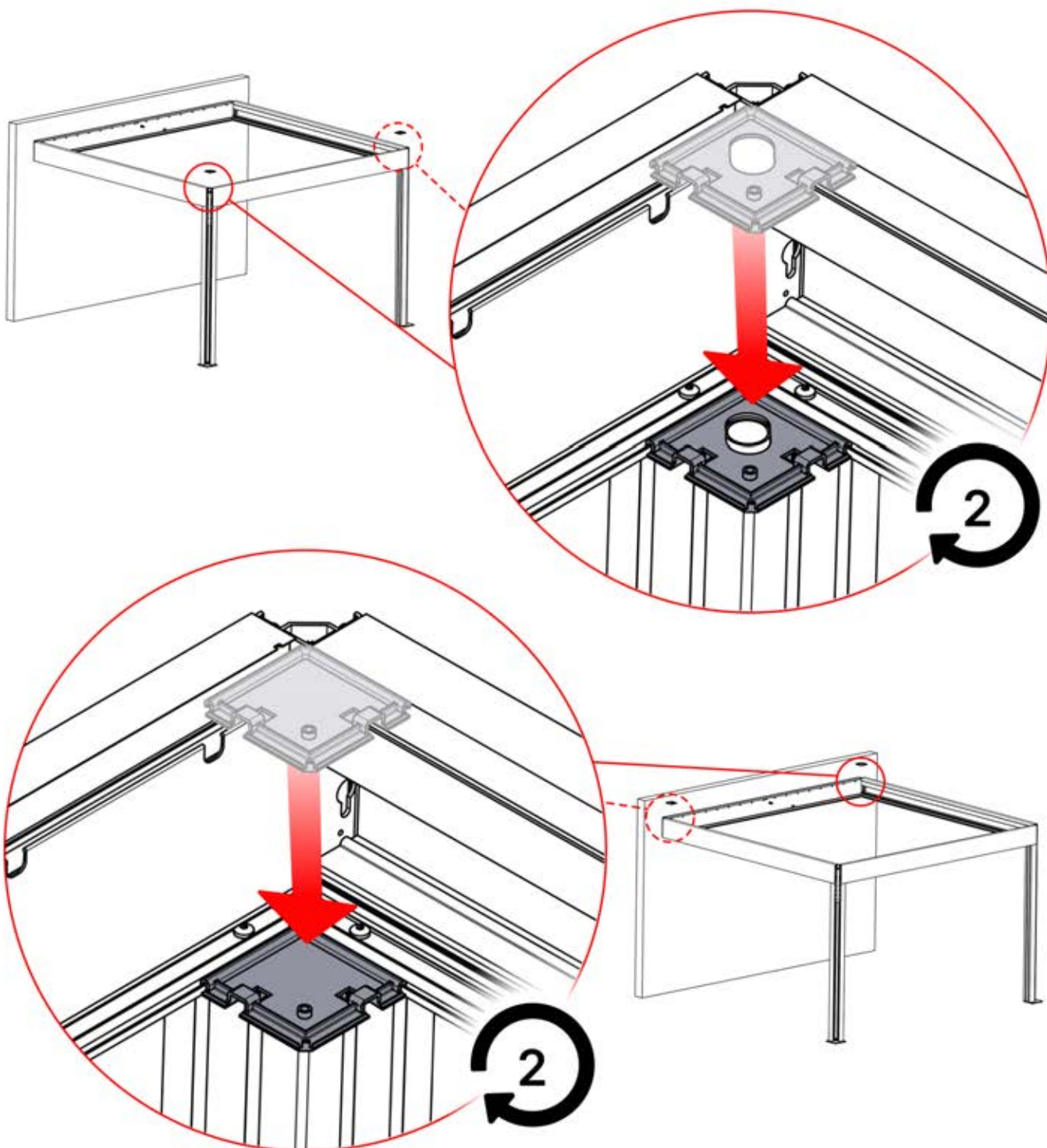
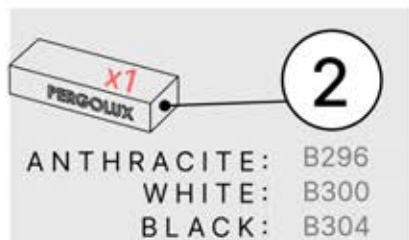
PN-20000
3755



16



17



18



2

ANTHRACITE: B296
WHITE: B300
BLACK: B304



PN-200002298

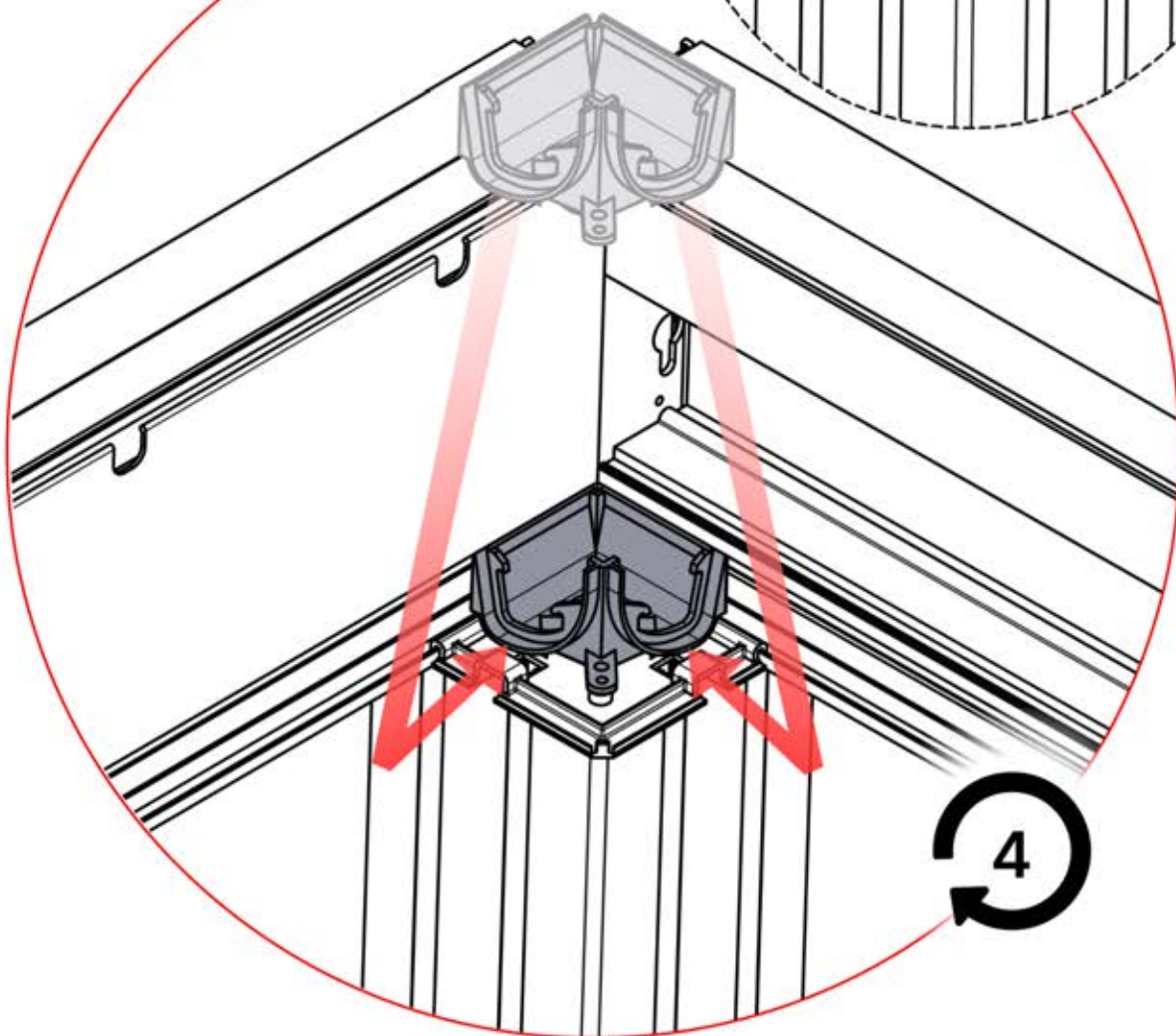
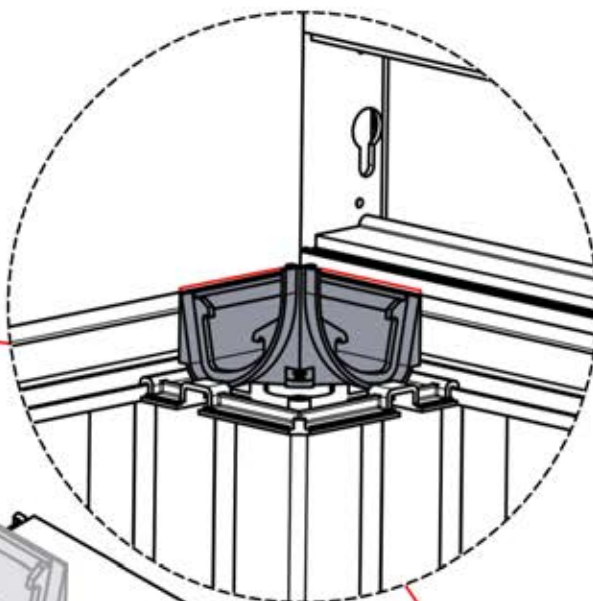
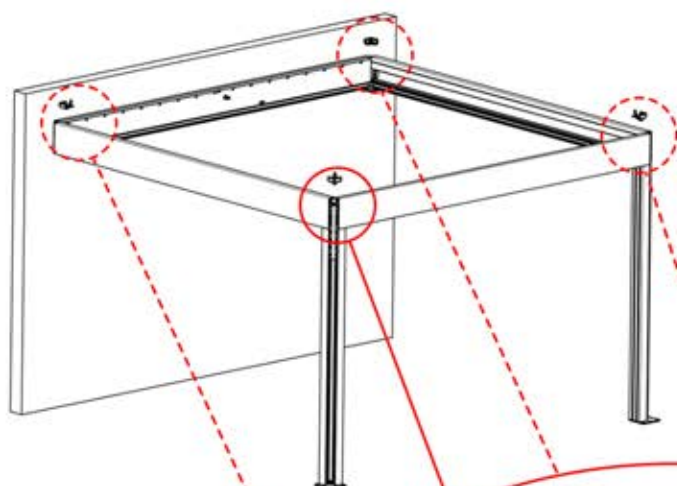
2x



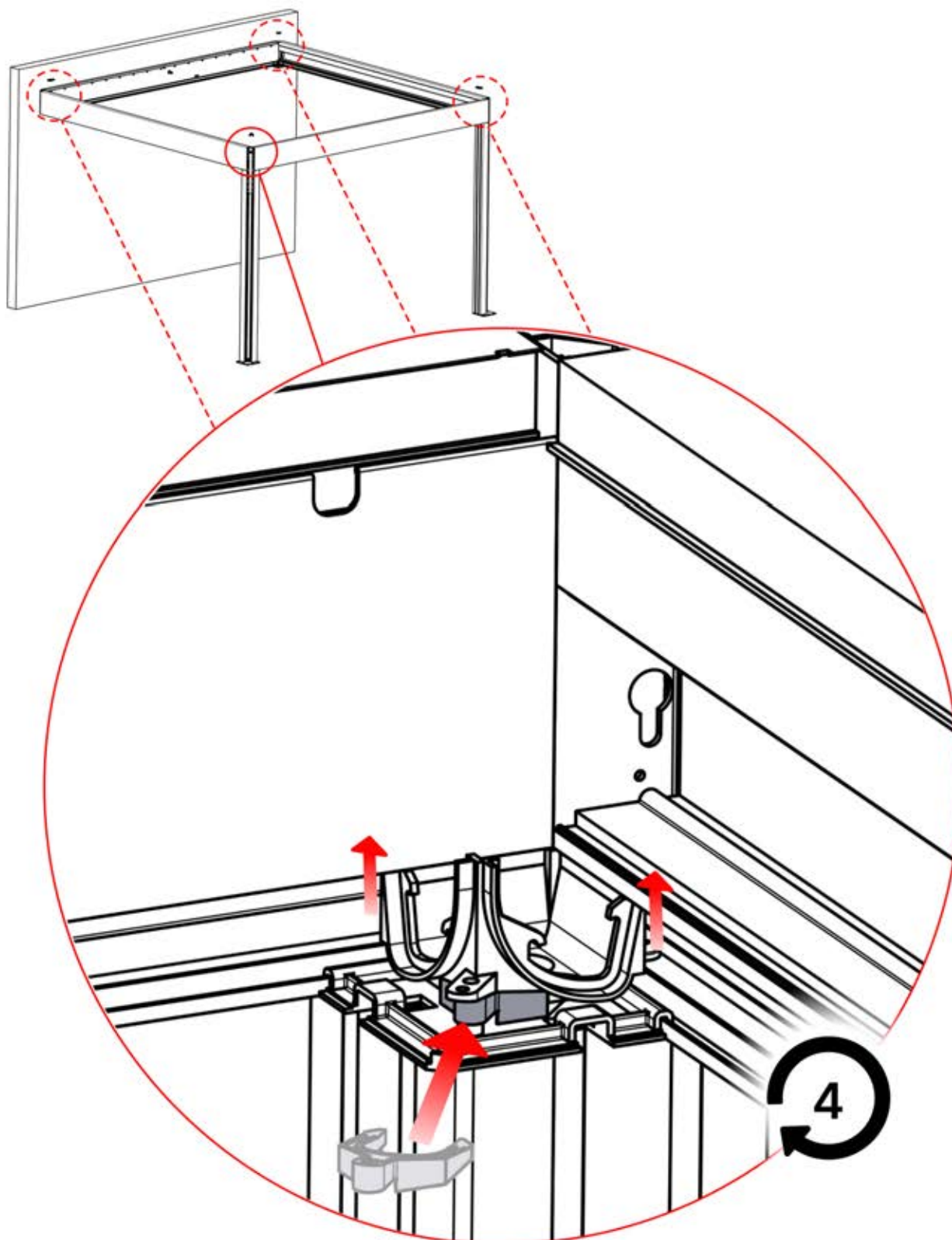
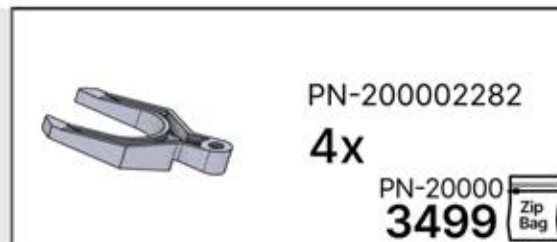
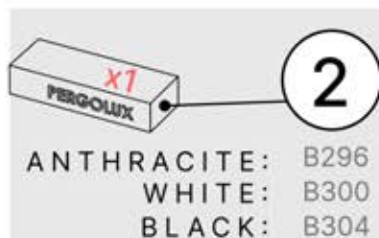
PN-200002369

2x

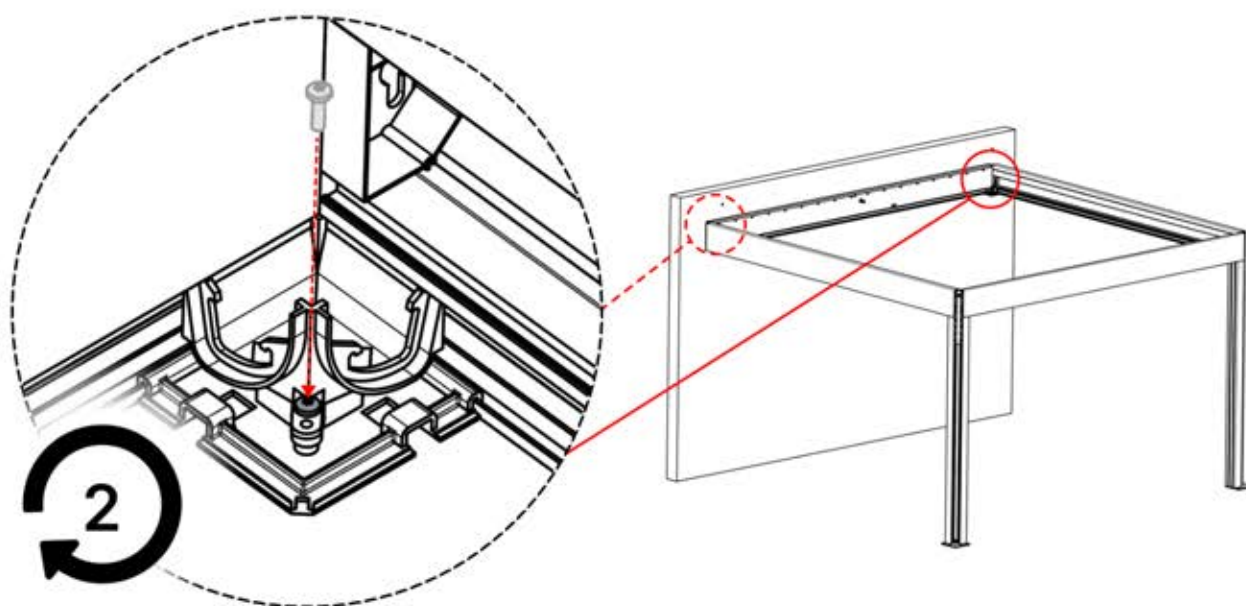
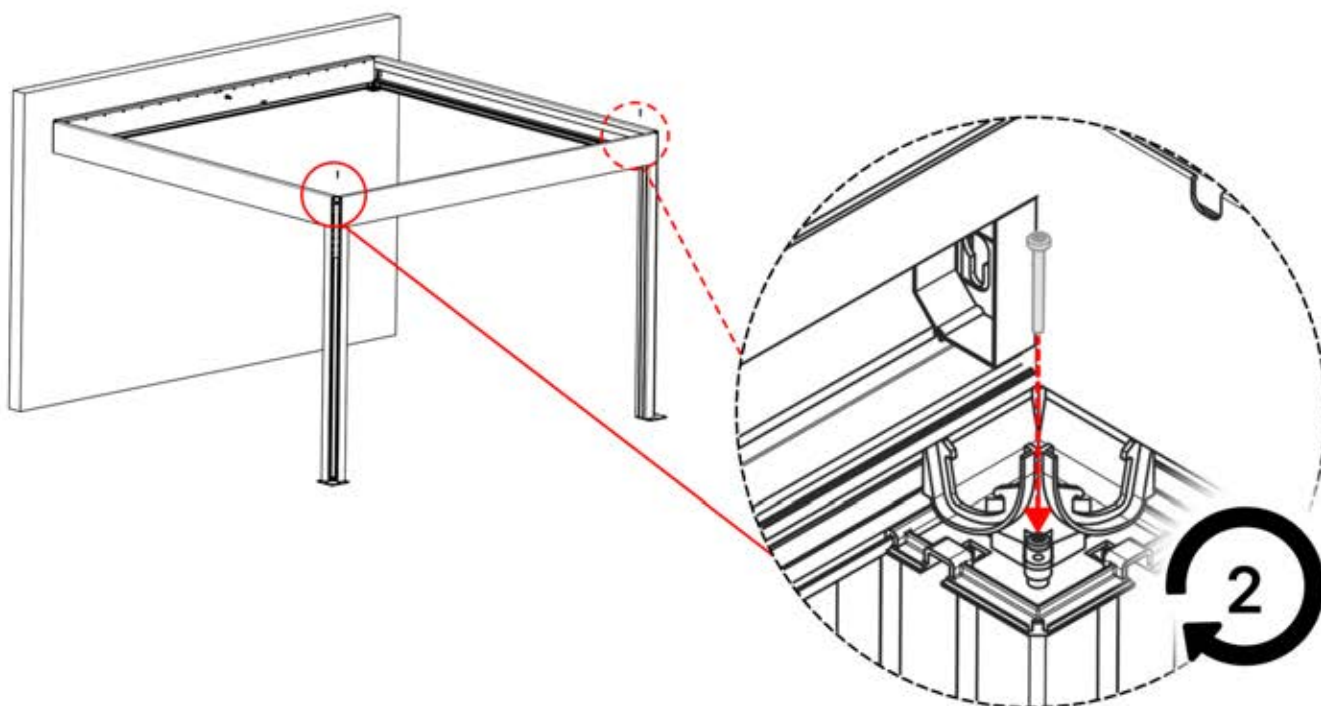
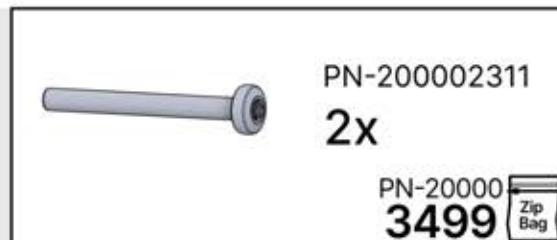
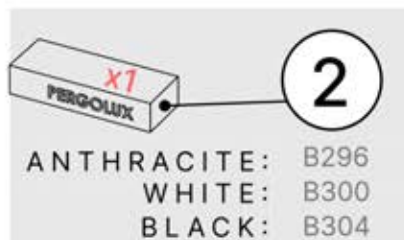
PN-20000
3499



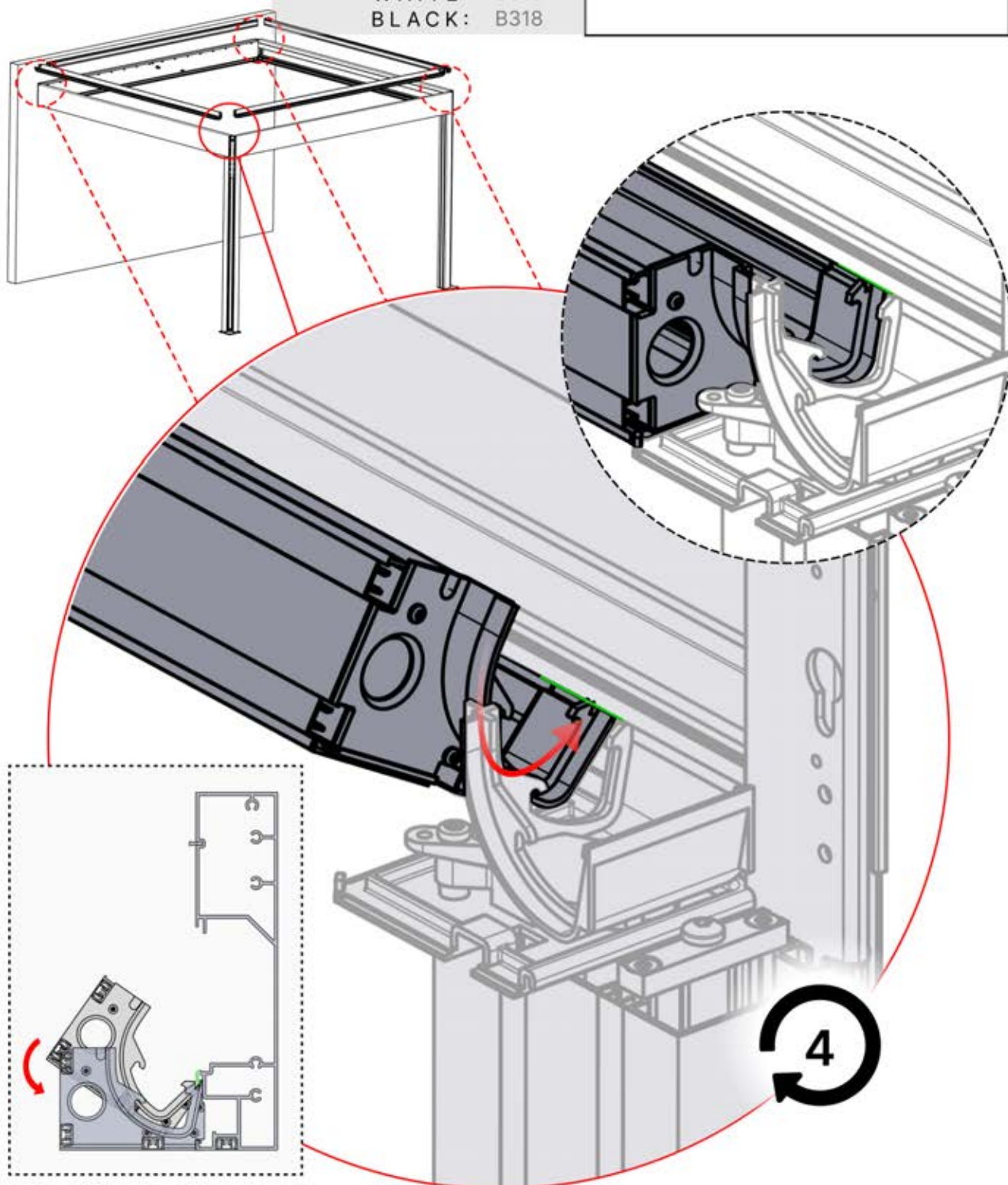
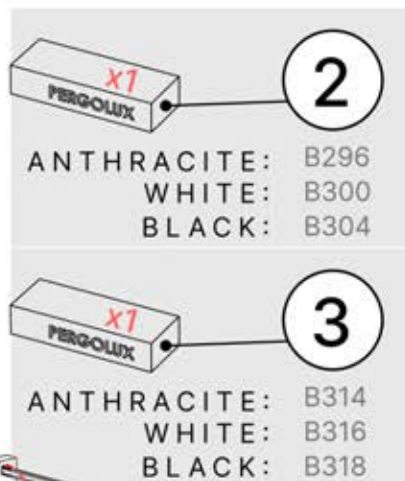
19



20



21



22



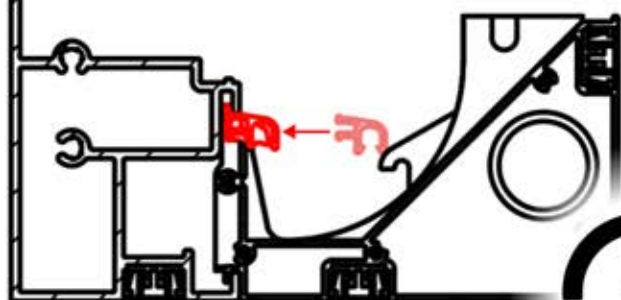
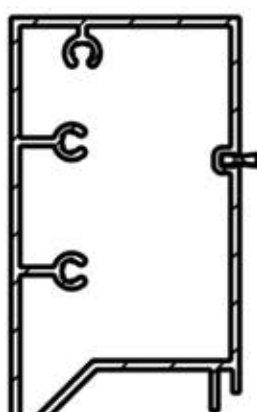
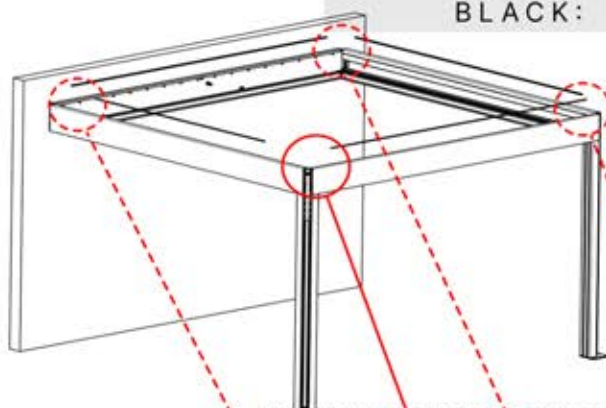
3

ANTHRACITE: B314
WHITE: B316
BLACK: B318



2

ANTHRACITE: B296
WHITE: B300
BLACK: B304



INFORMATION



Apply grease to
part



2

ANTHRACITE: B296
WHITE: B300
BLACK: B304



PN-200003051

8x



PN-200003049

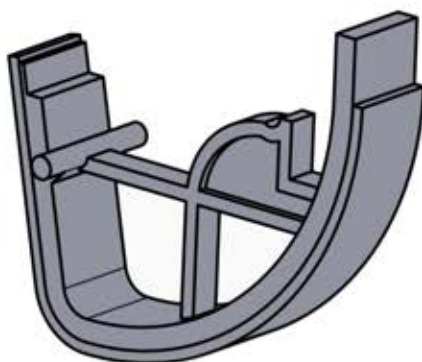
8x



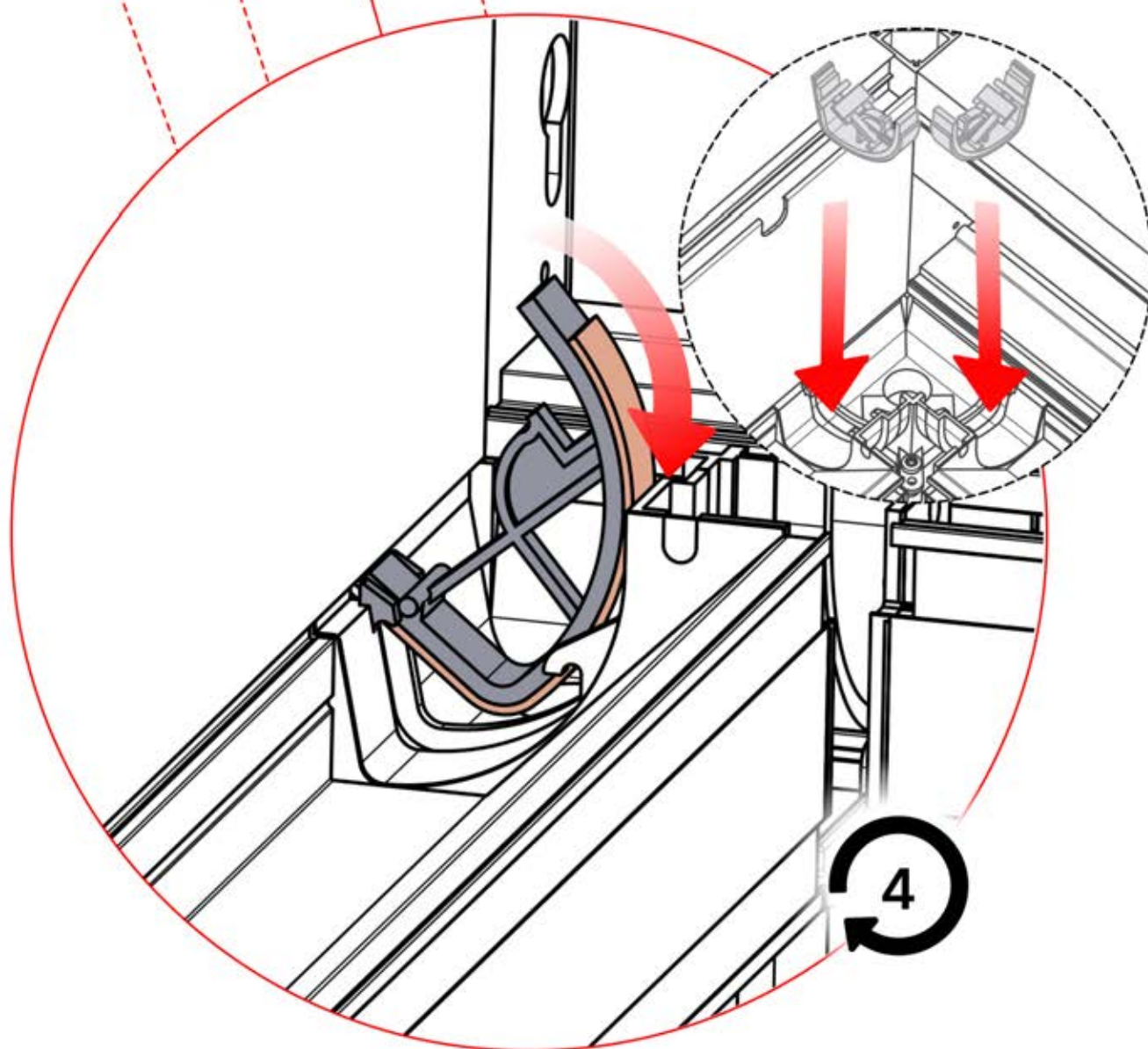
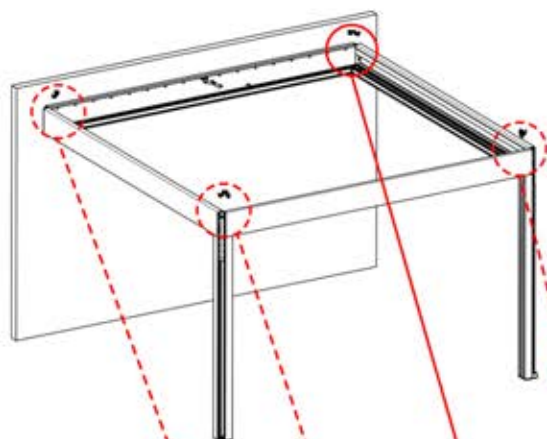
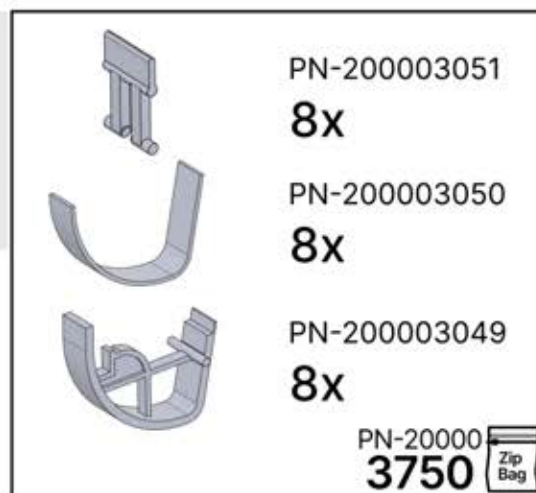
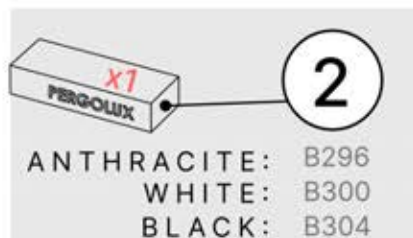
PN-200003050

8x

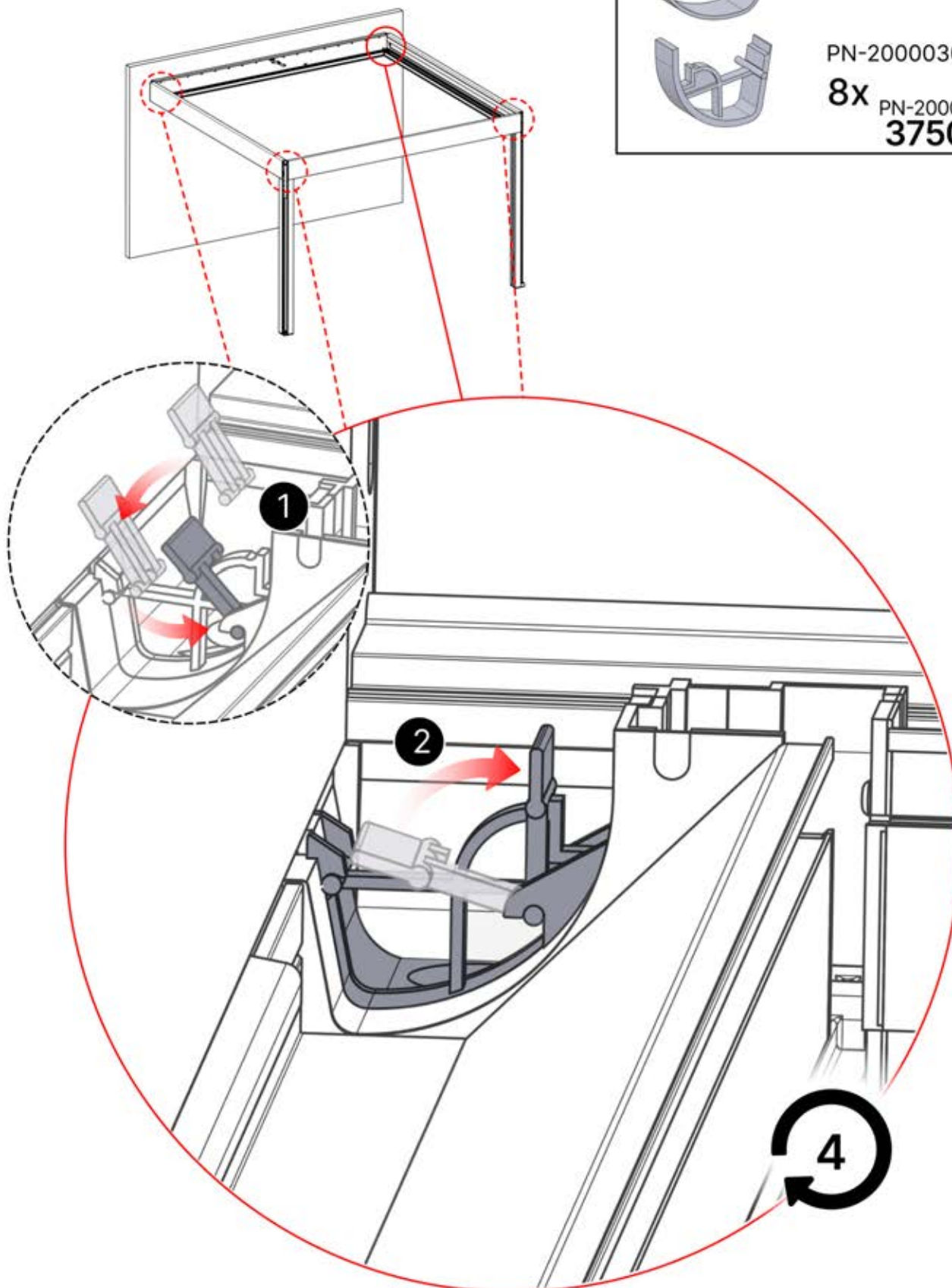
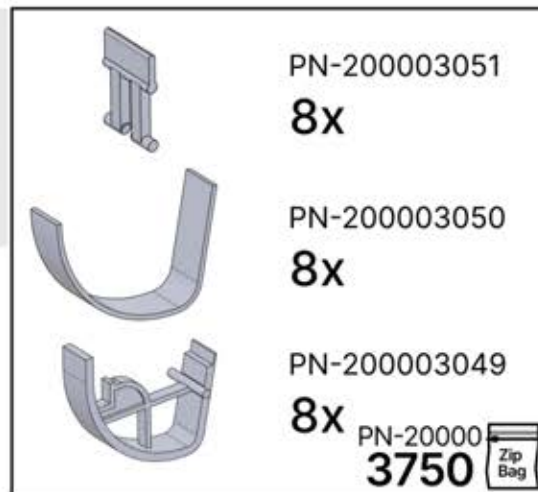
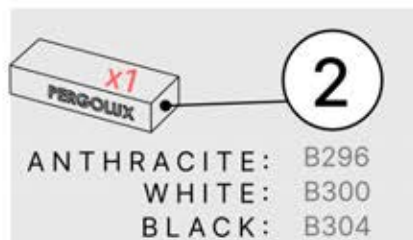
PN-20000
3750



23



24



25



2

ANTHRACITE: B296
WHITE: B300
BLACK: B304



PN-200002289

4x

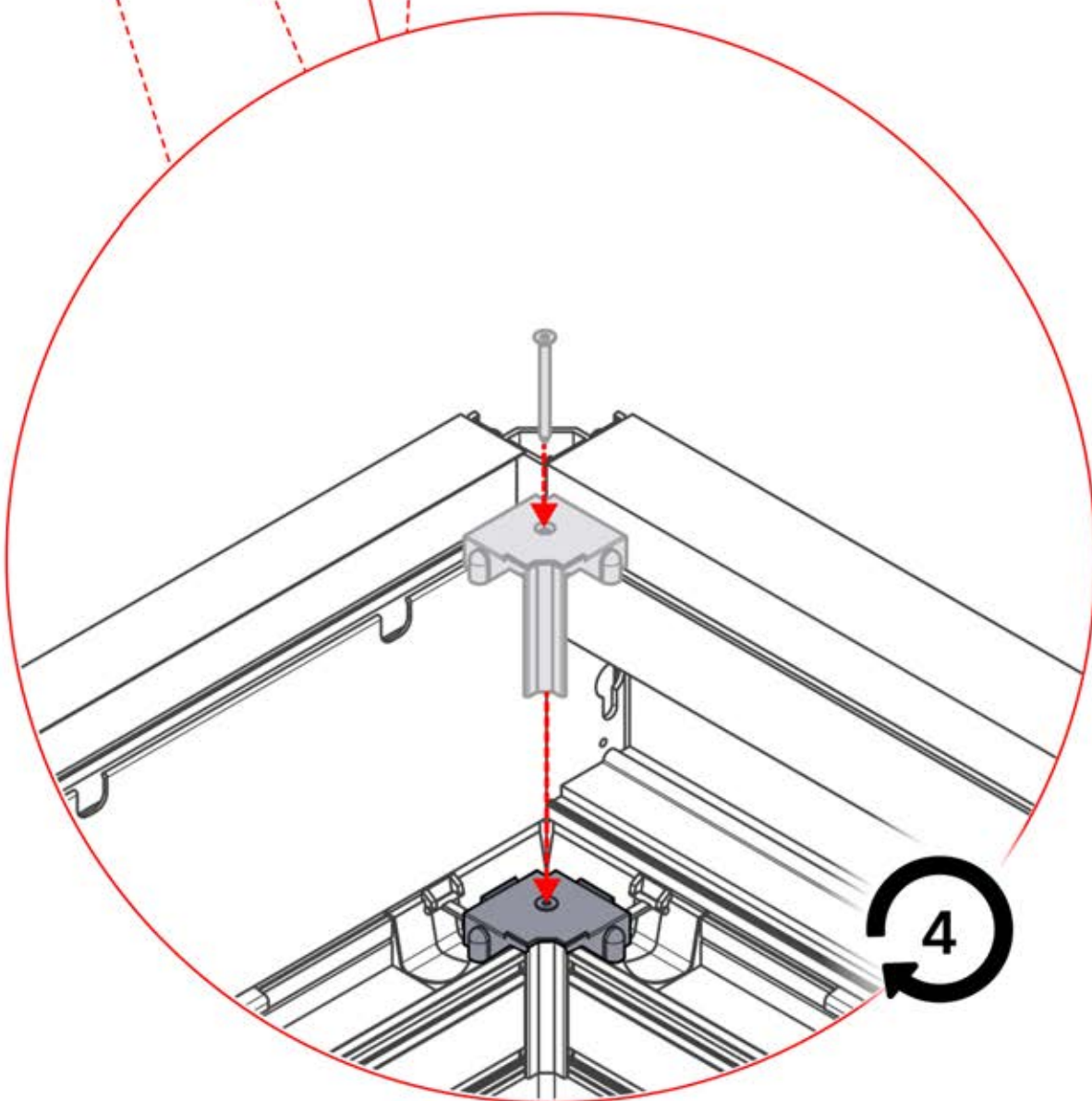
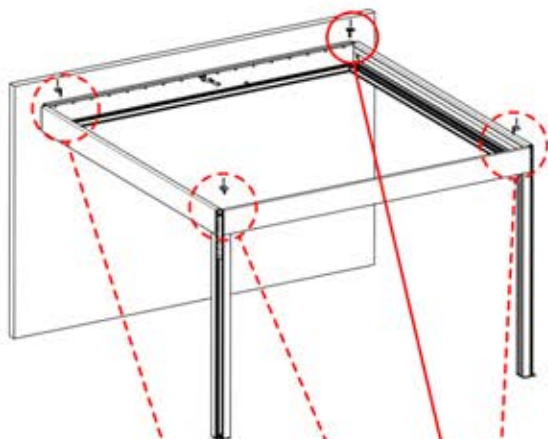
PN-20000
3496



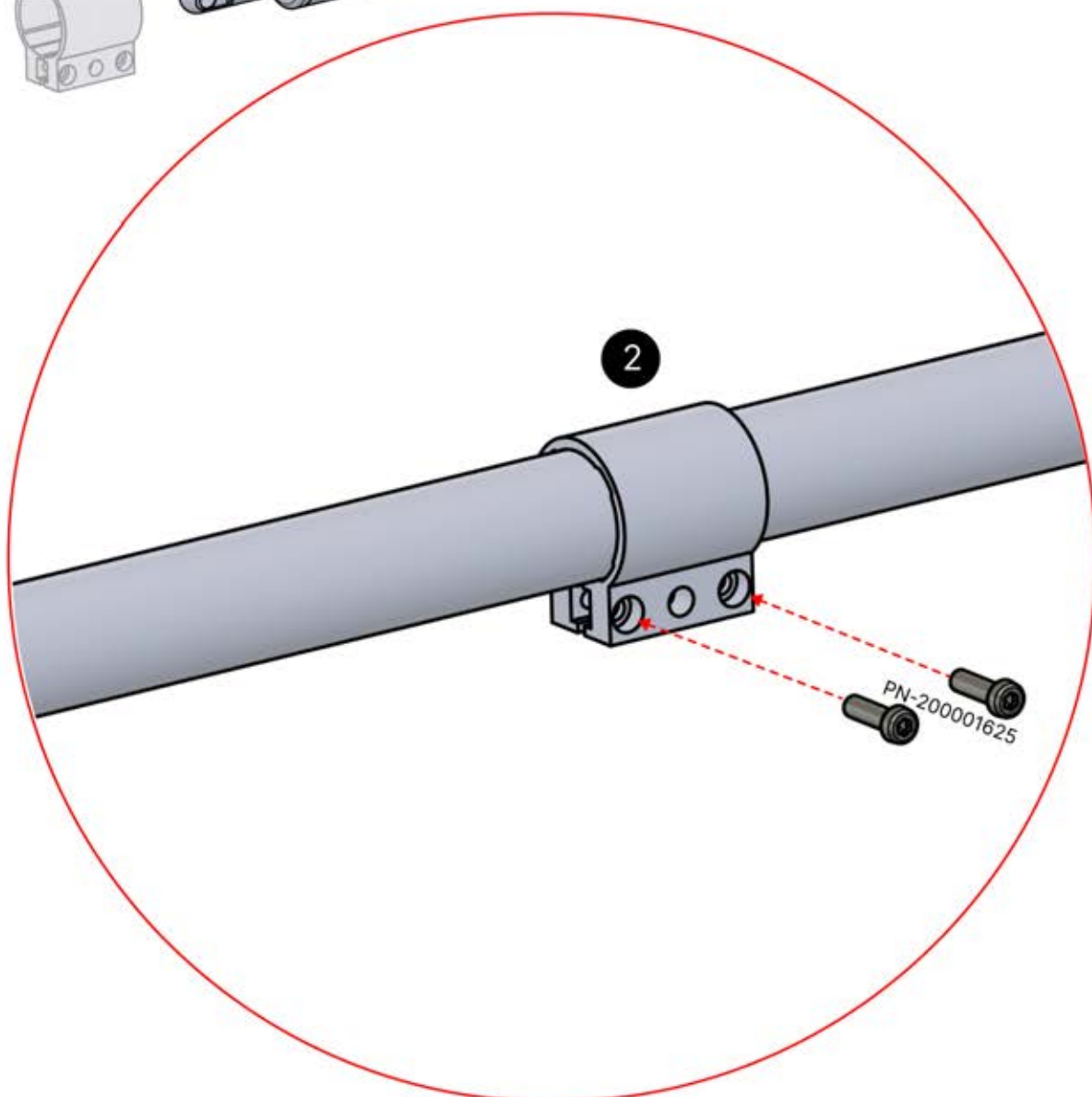
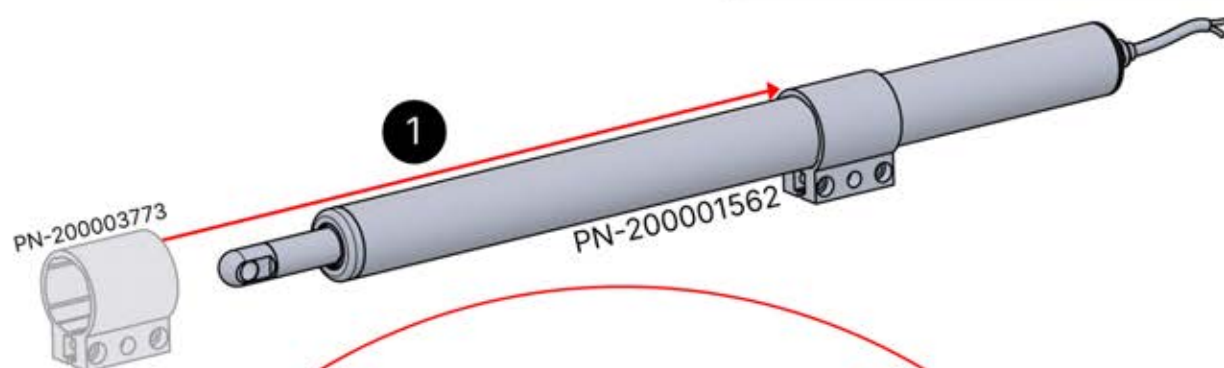
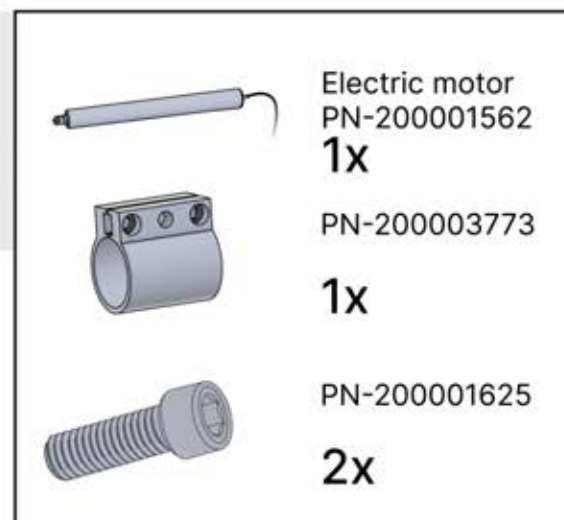
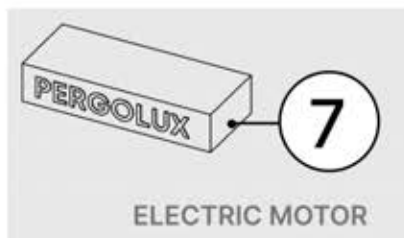
PN-200000958

4x

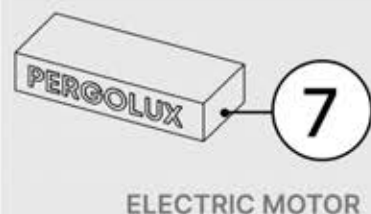
PN-20000
3756



26

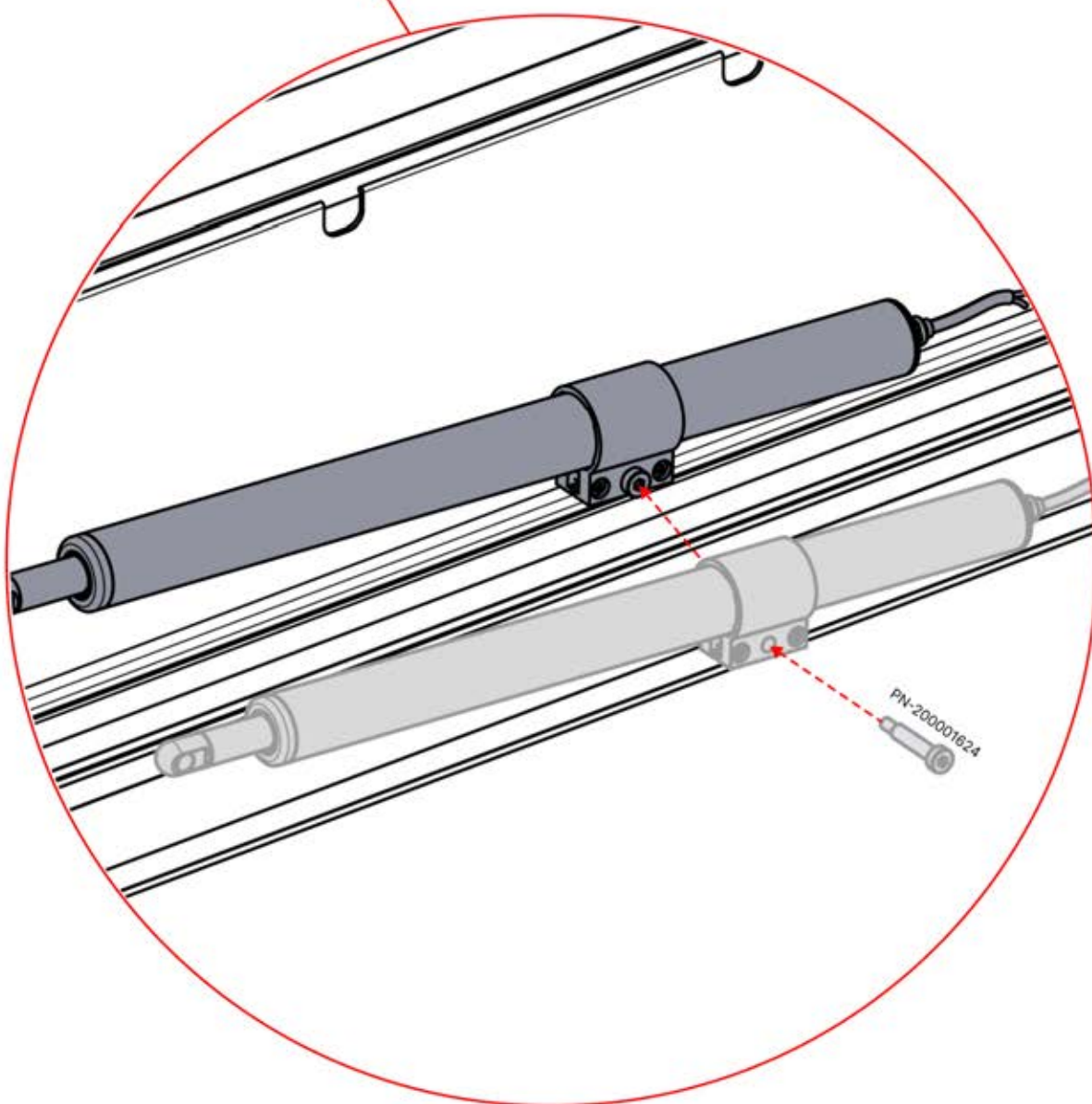
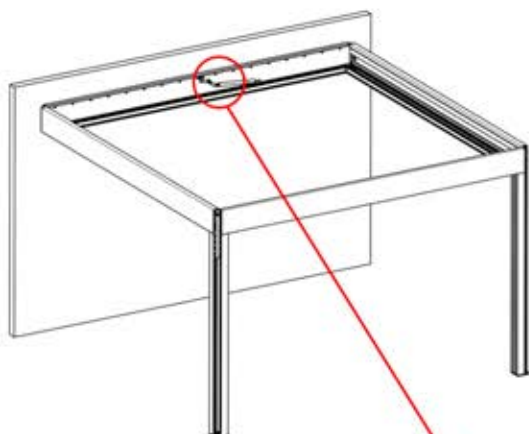


27



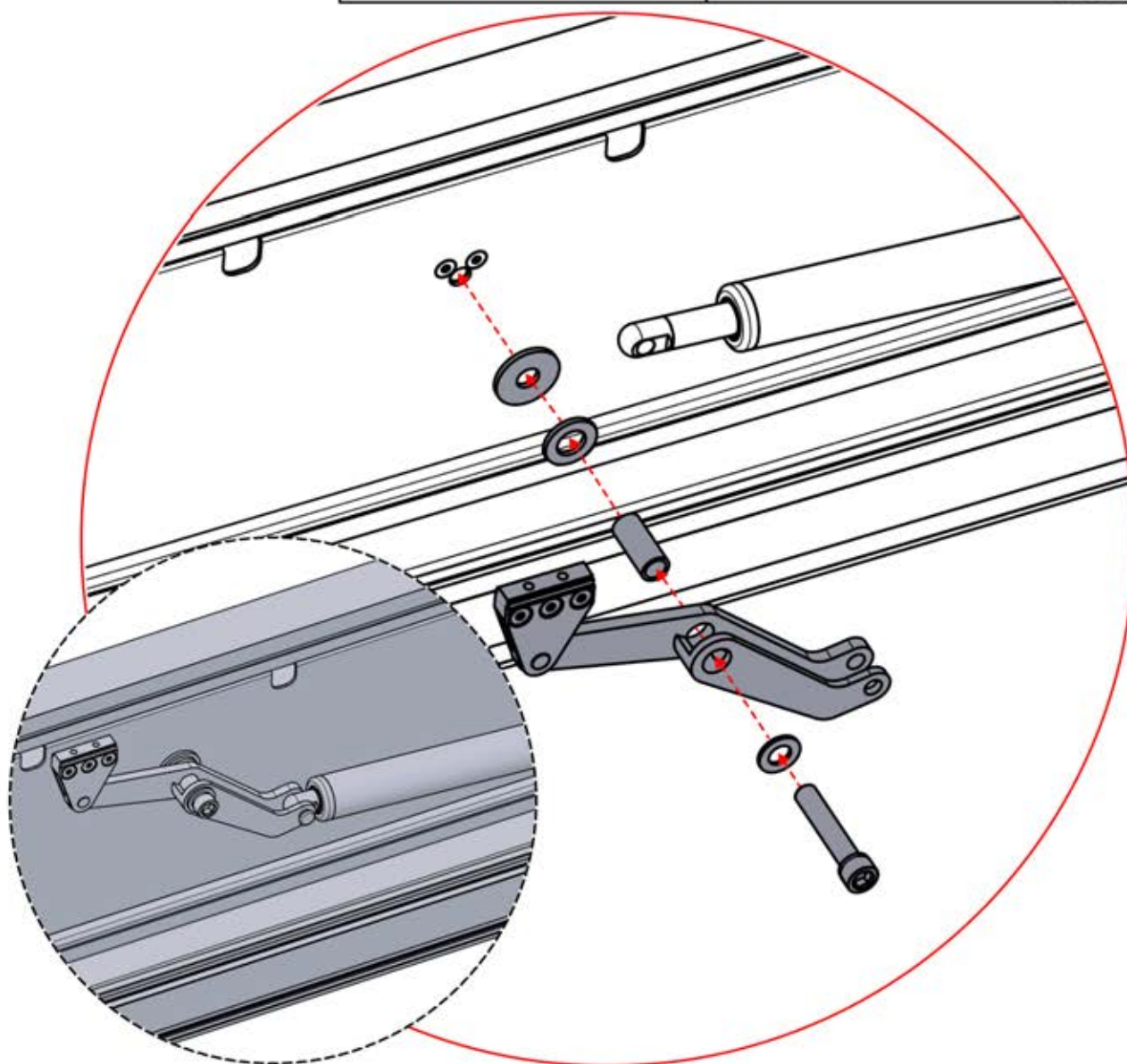
PN-200001624

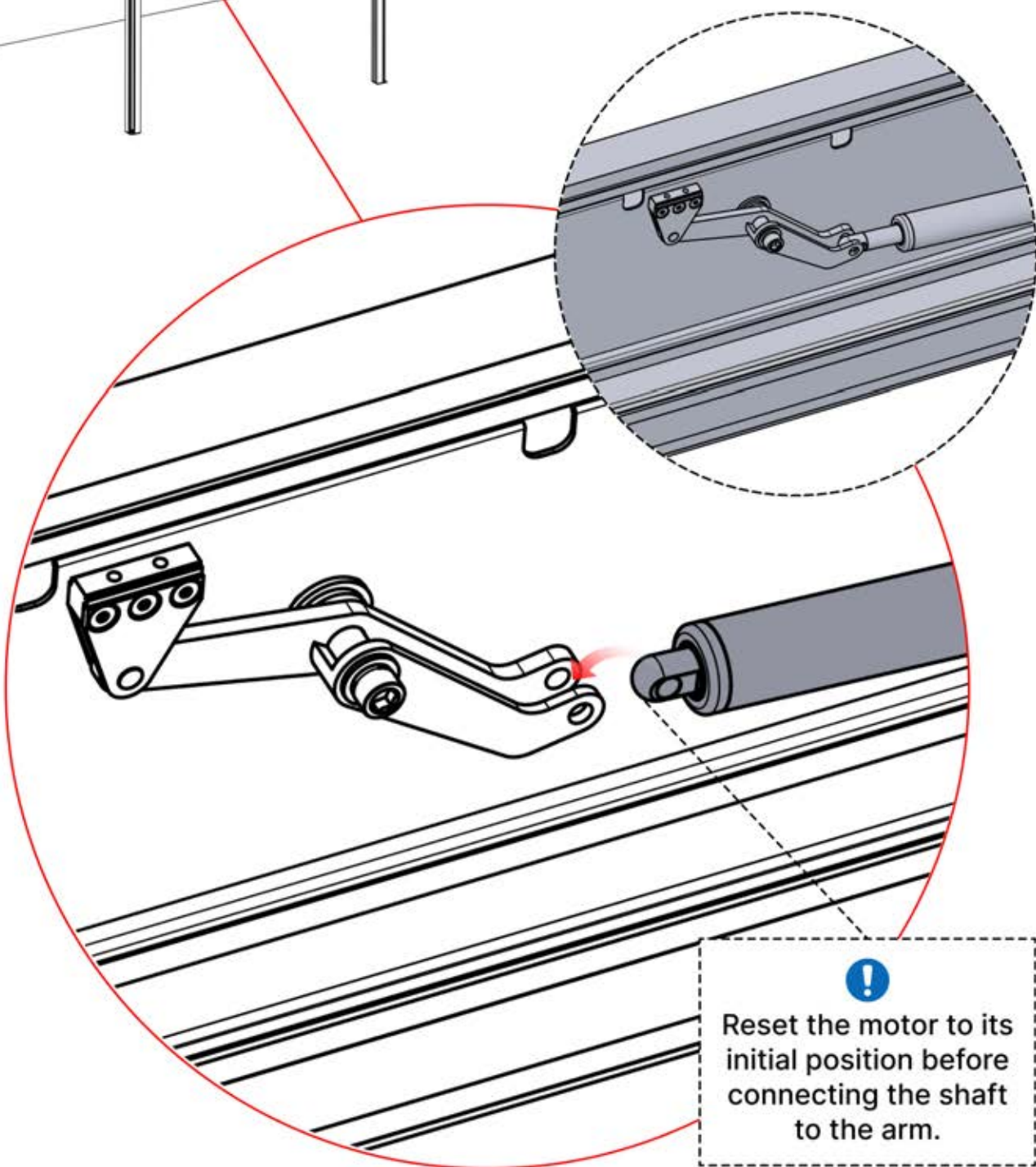
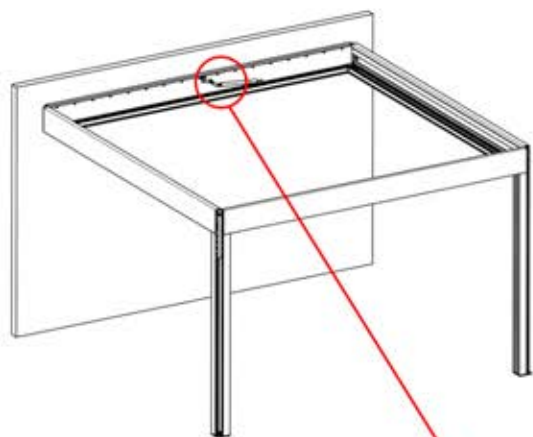
1x



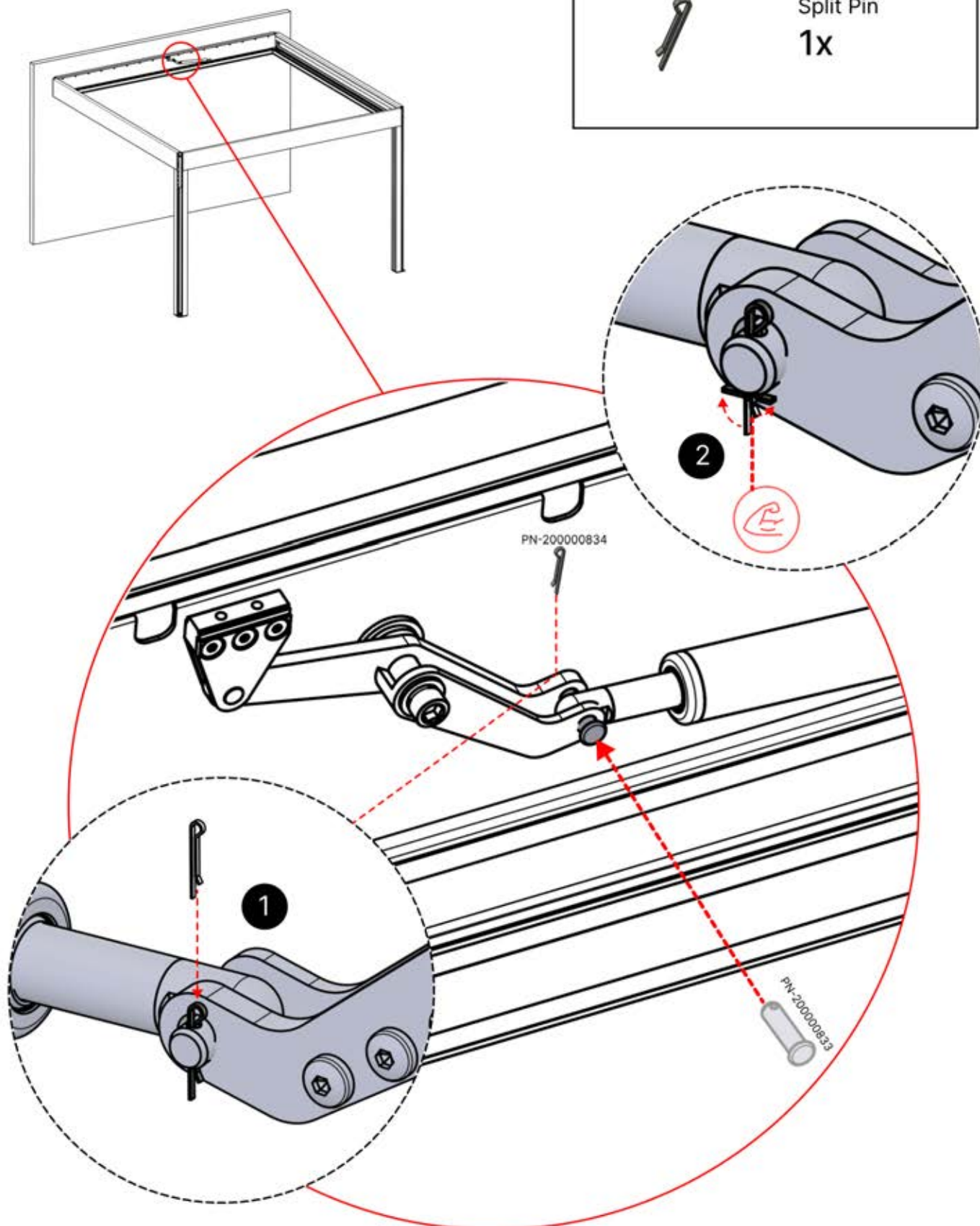
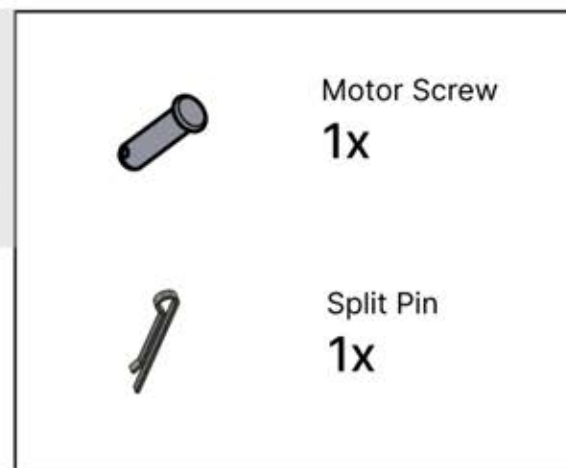
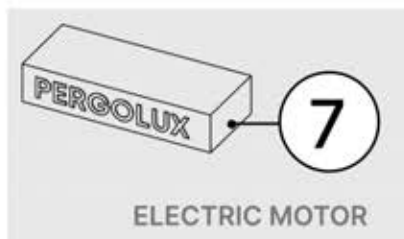
28

 ANTHRACITE: B296 WHITE: B300 BLACK: B304	 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	

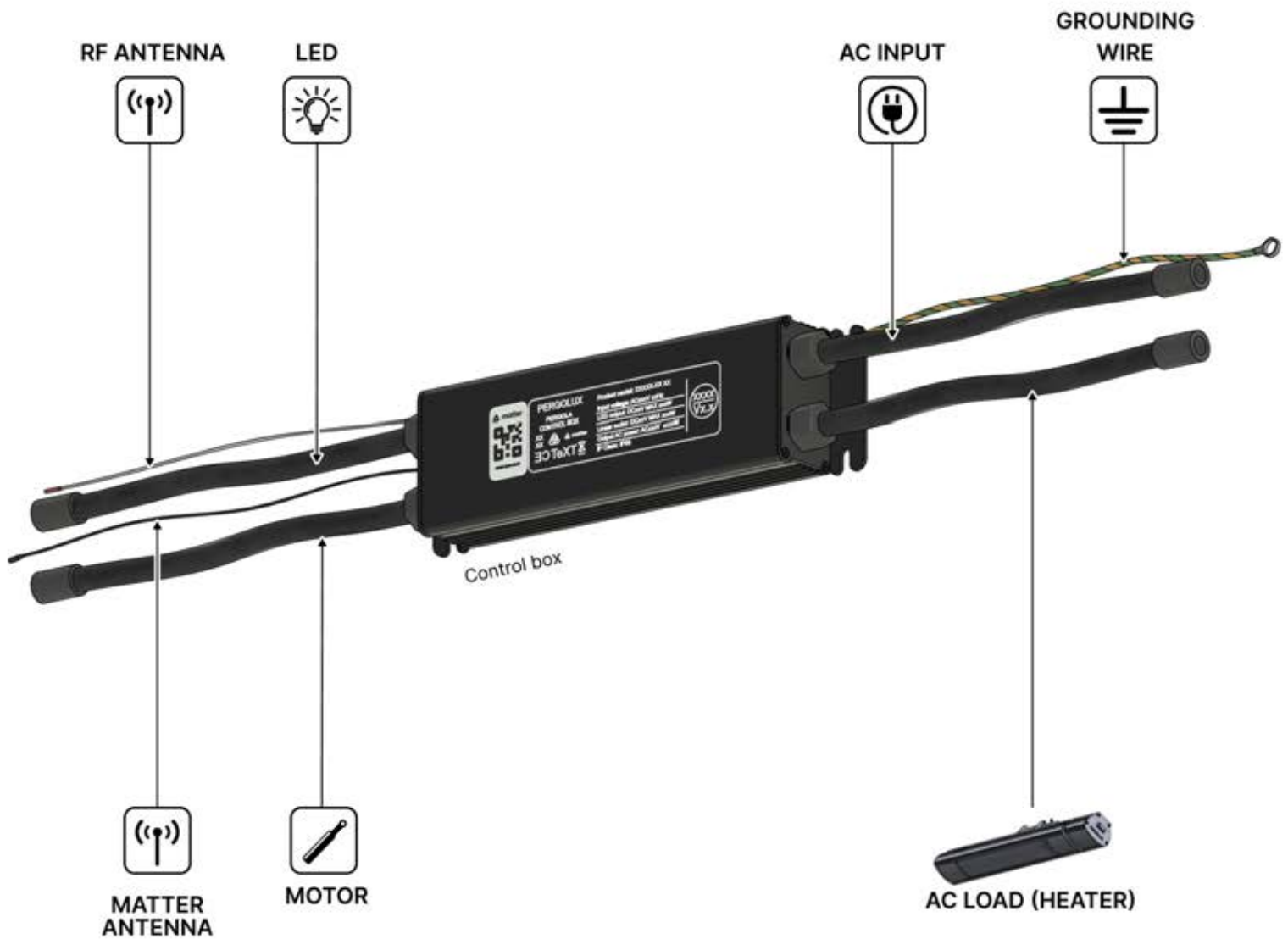




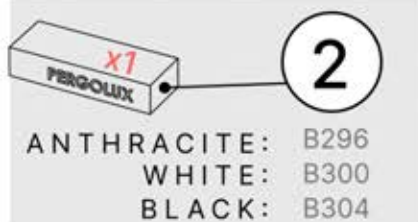
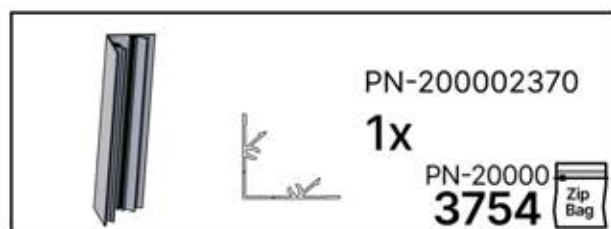
30



INPUTS AND OUTPUTS

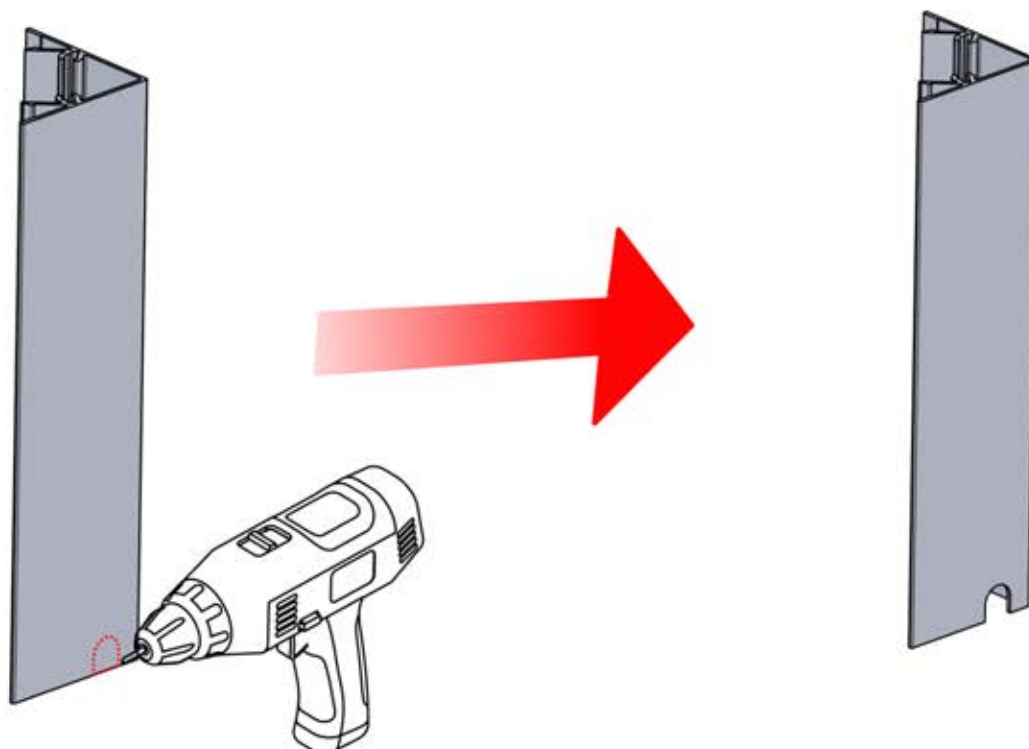


INFORMATION

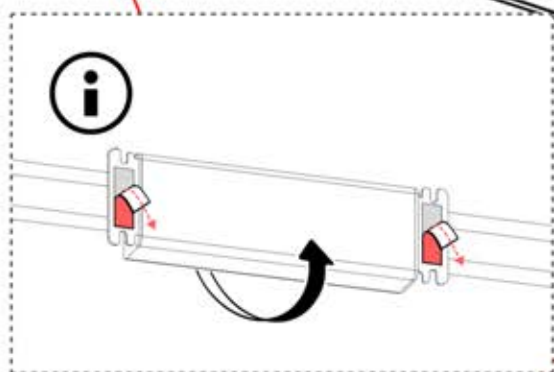
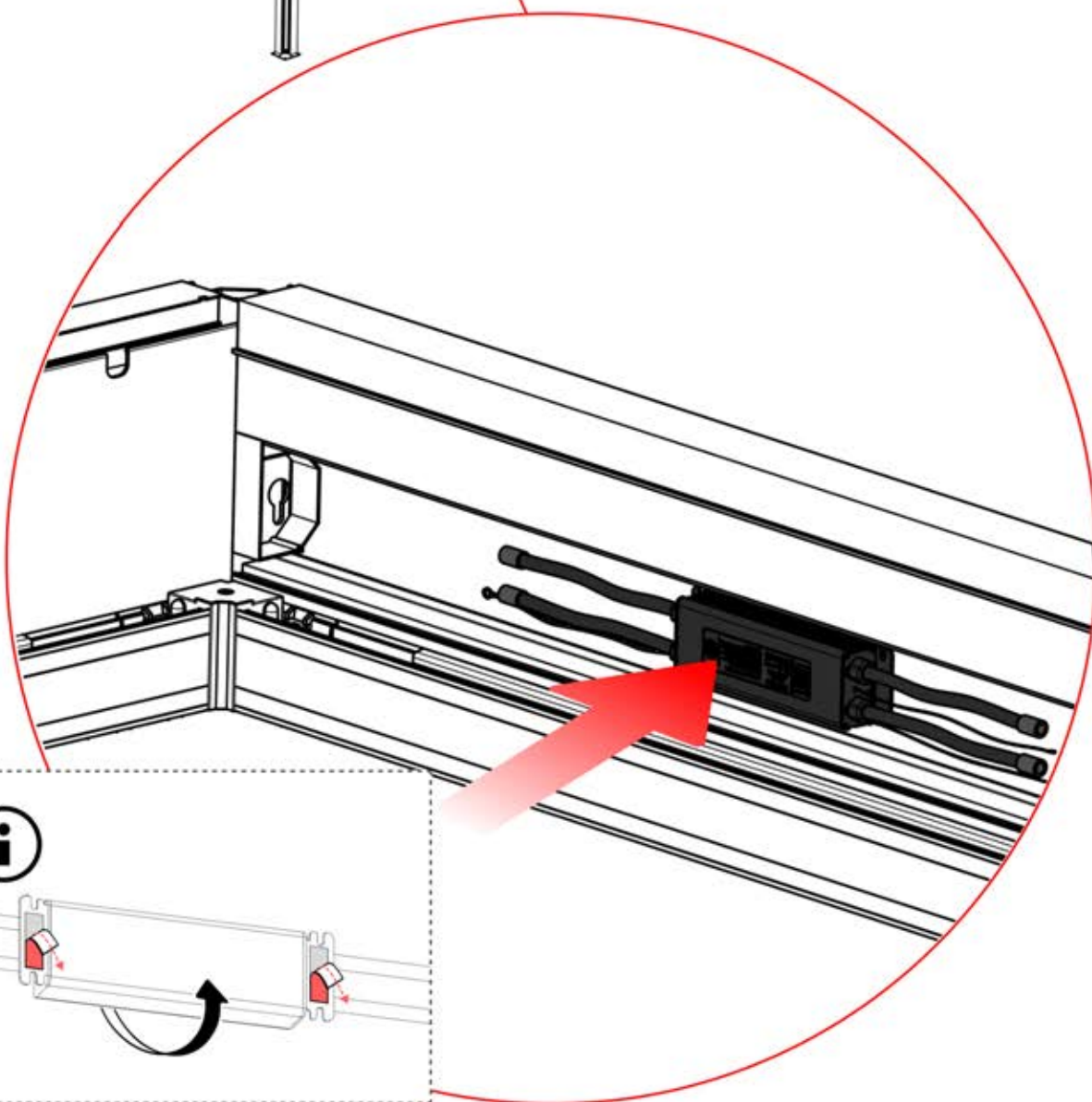
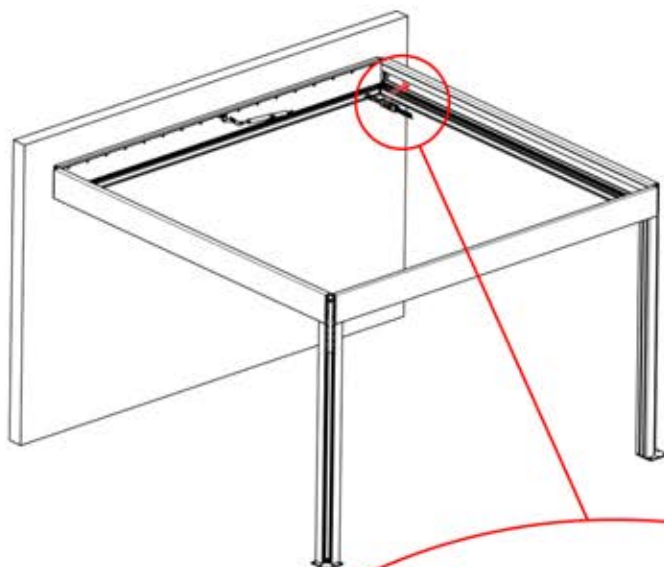
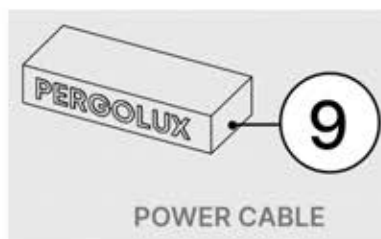


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200002370**) as illustrated. This allows the cable to pass through during installation in step 71.

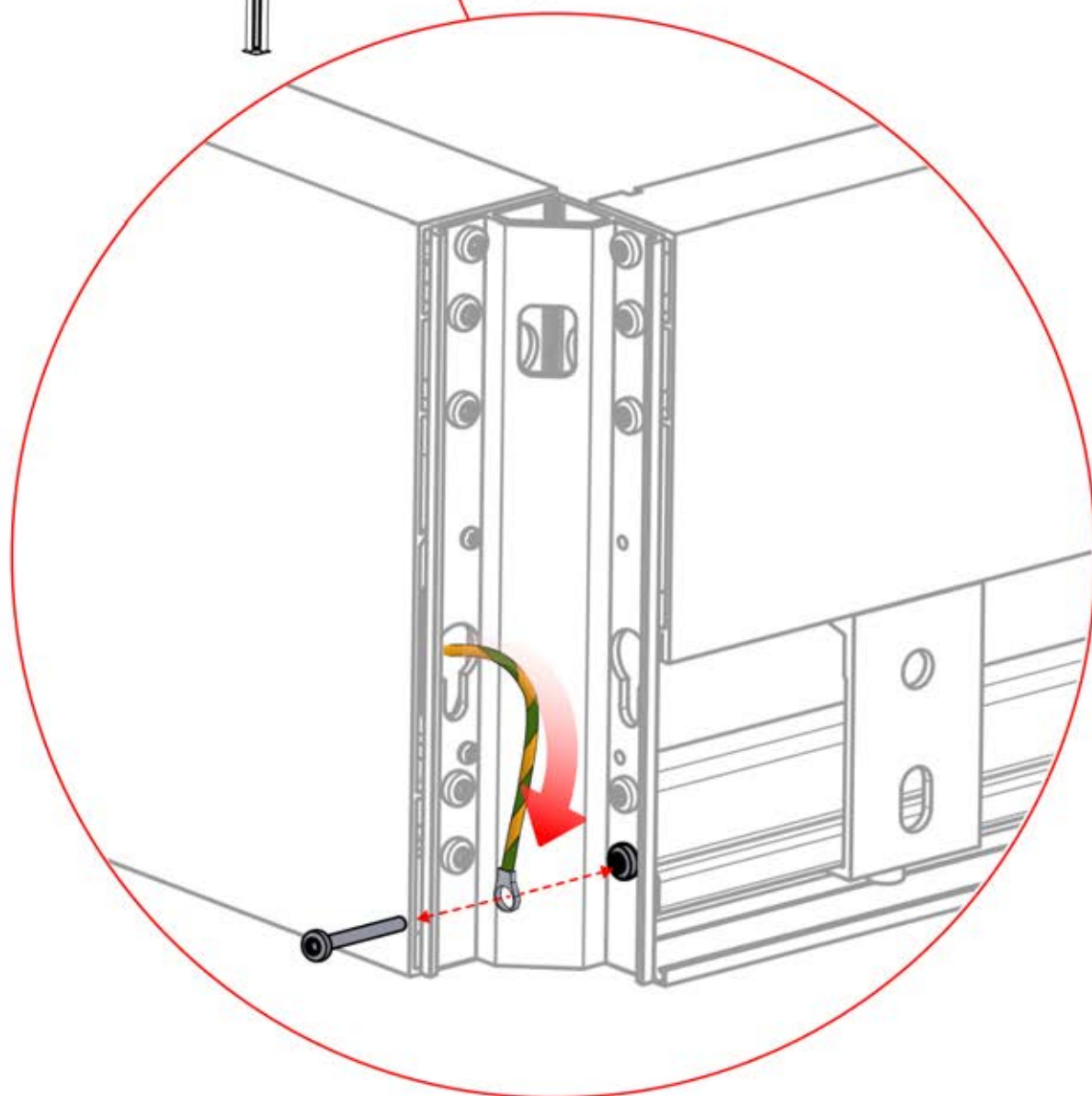
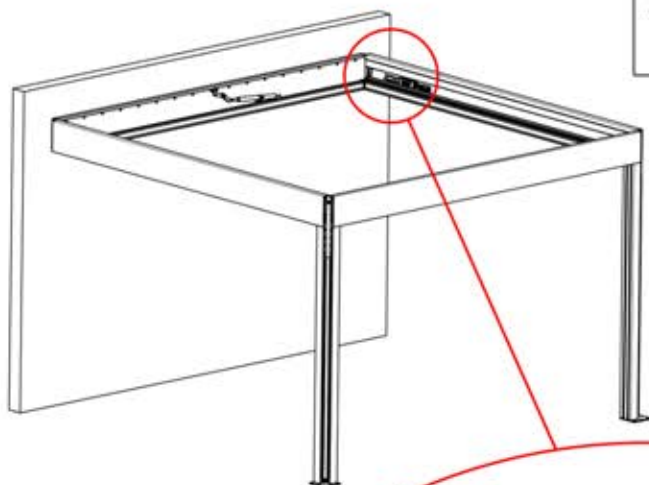
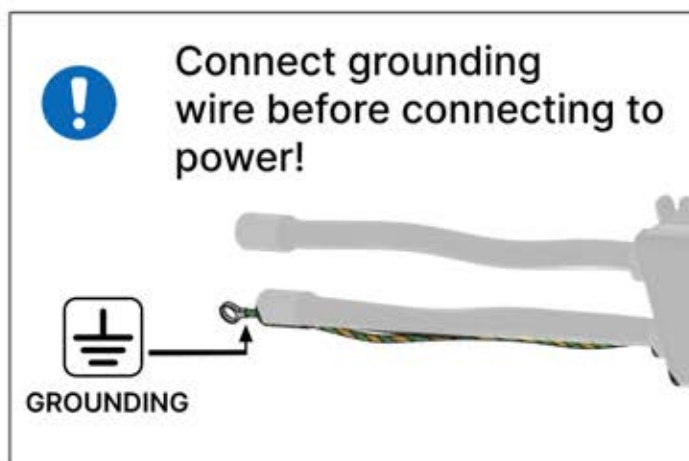
Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.



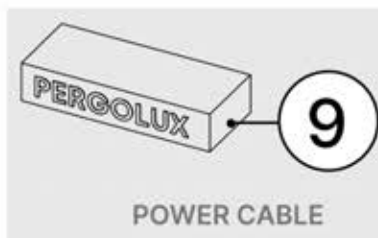
31



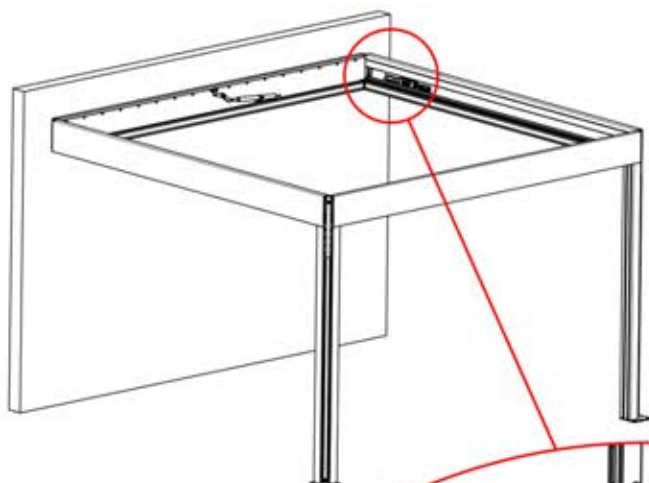
32



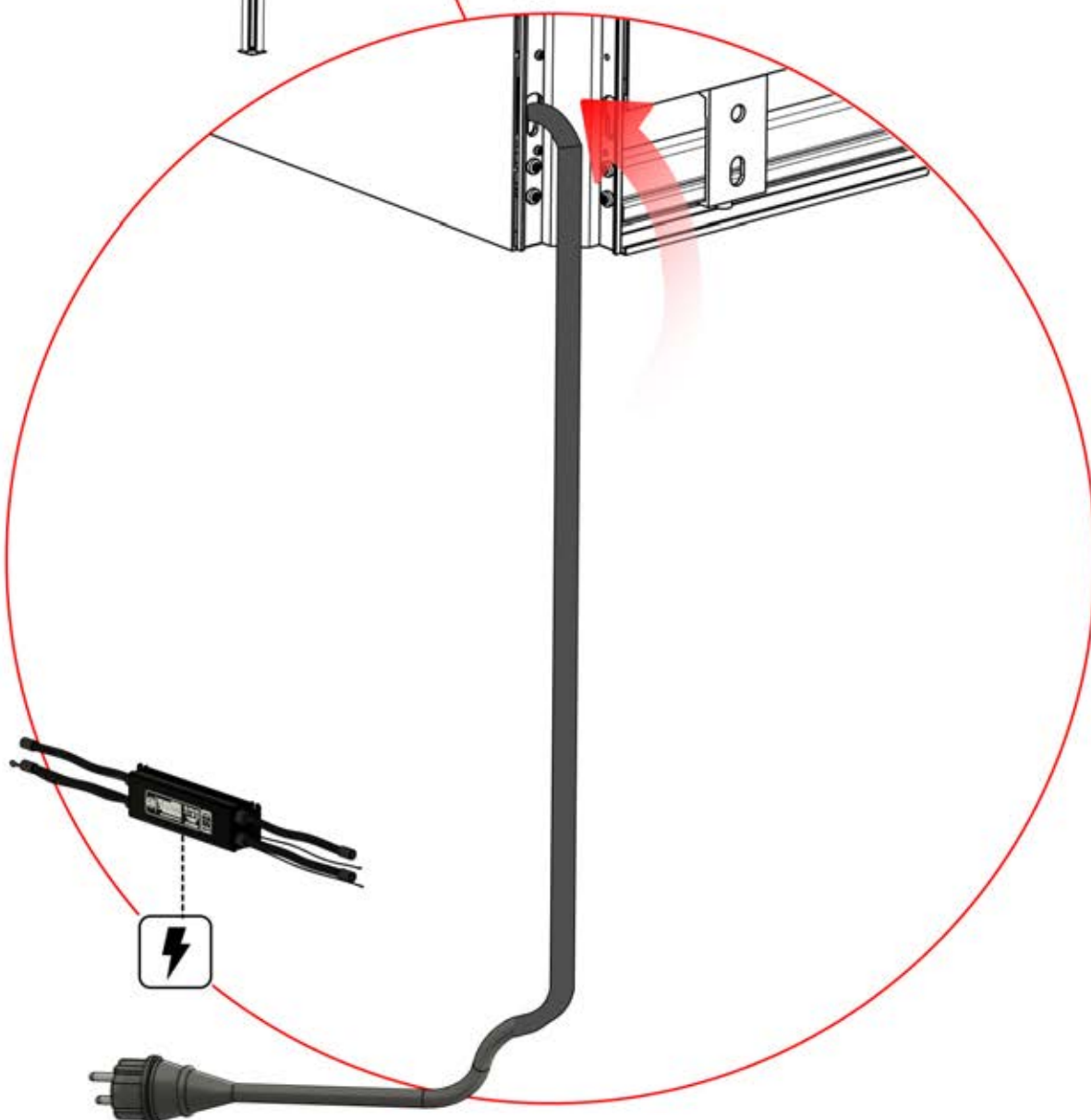
33



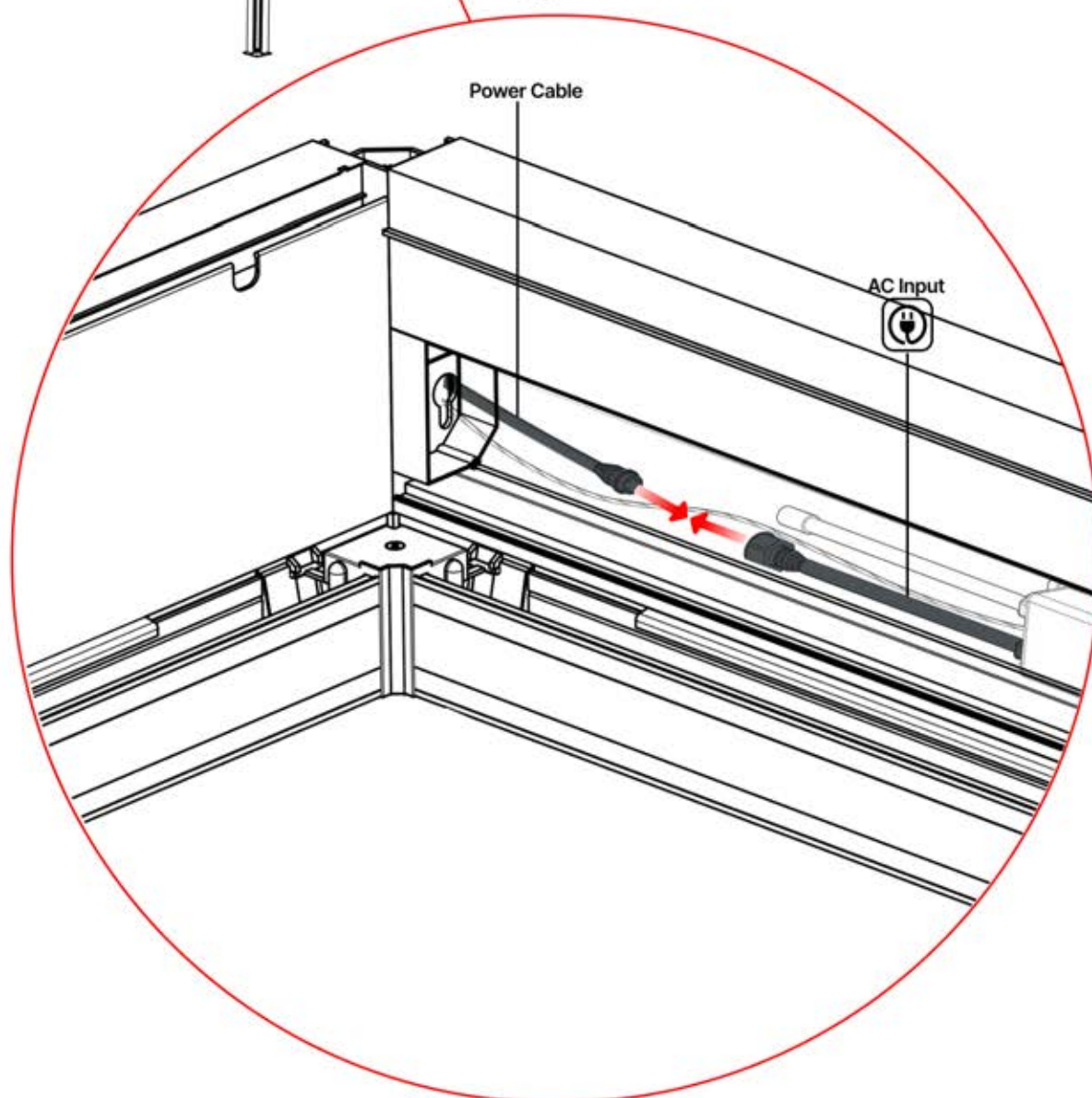
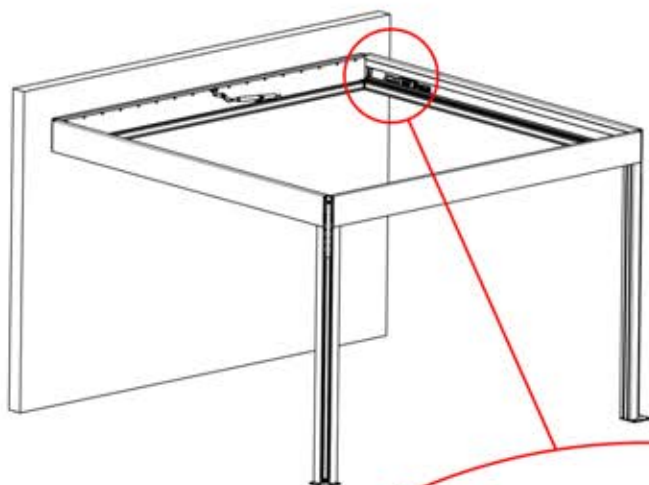
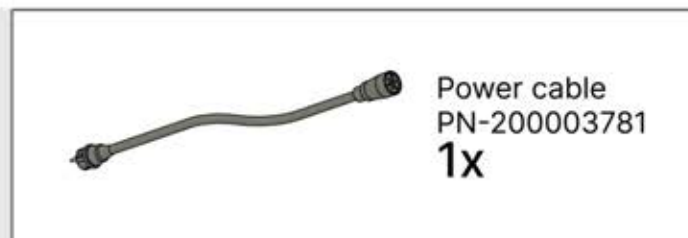
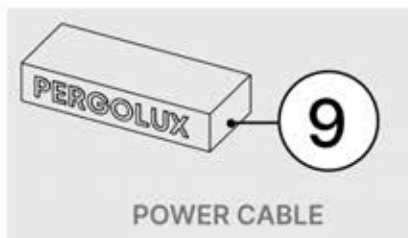
Power cable
PN-200003781
1x



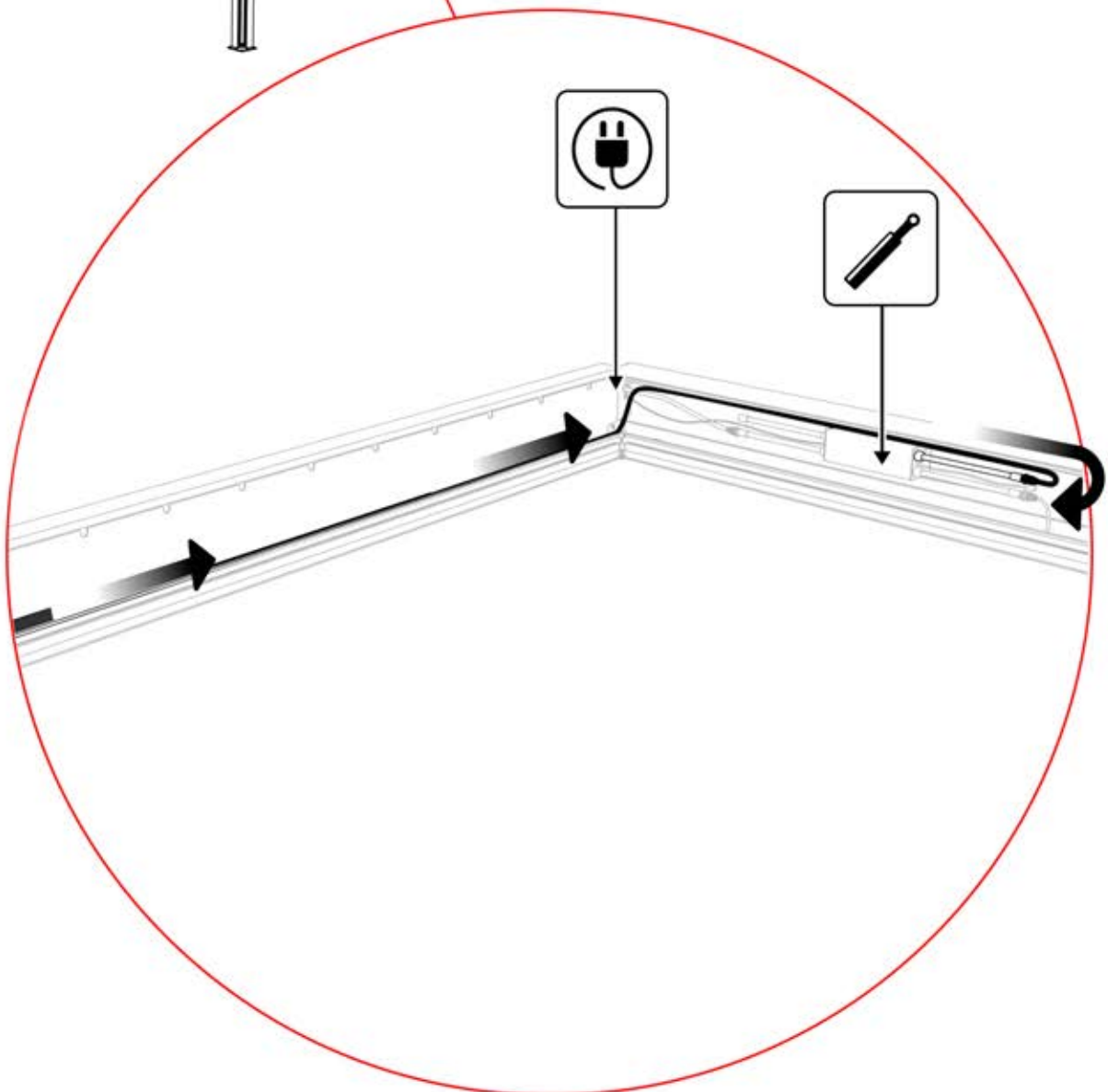
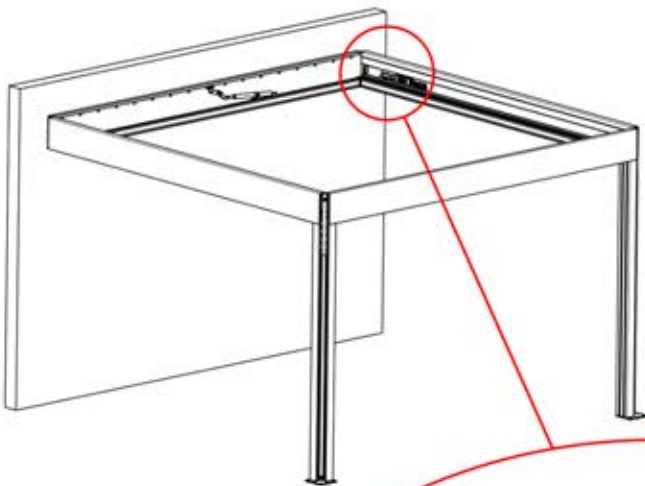
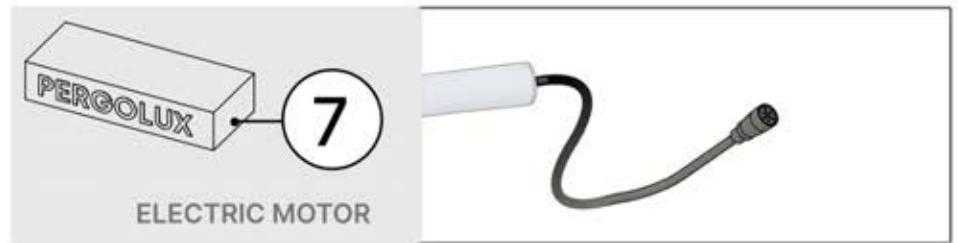
Power Cable can be
routed through all
the Poles.



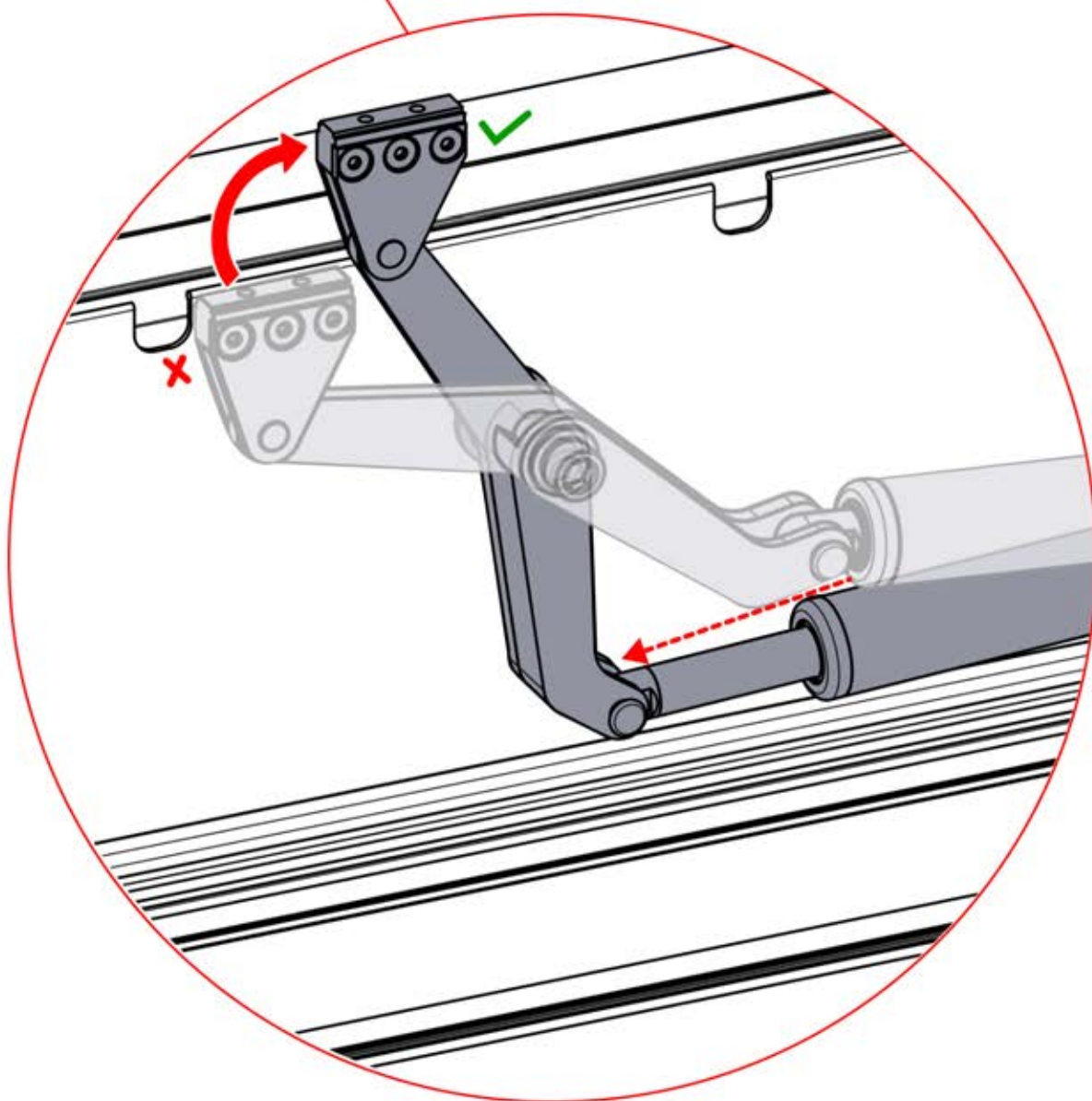
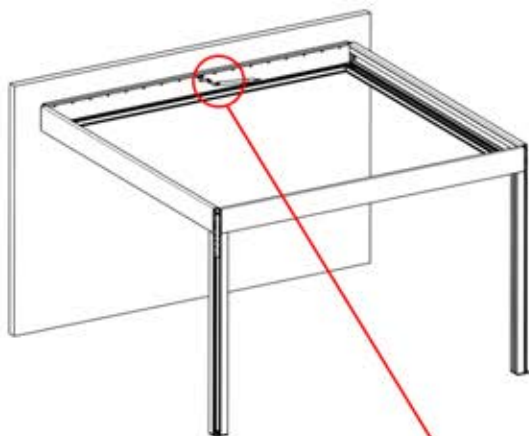
34



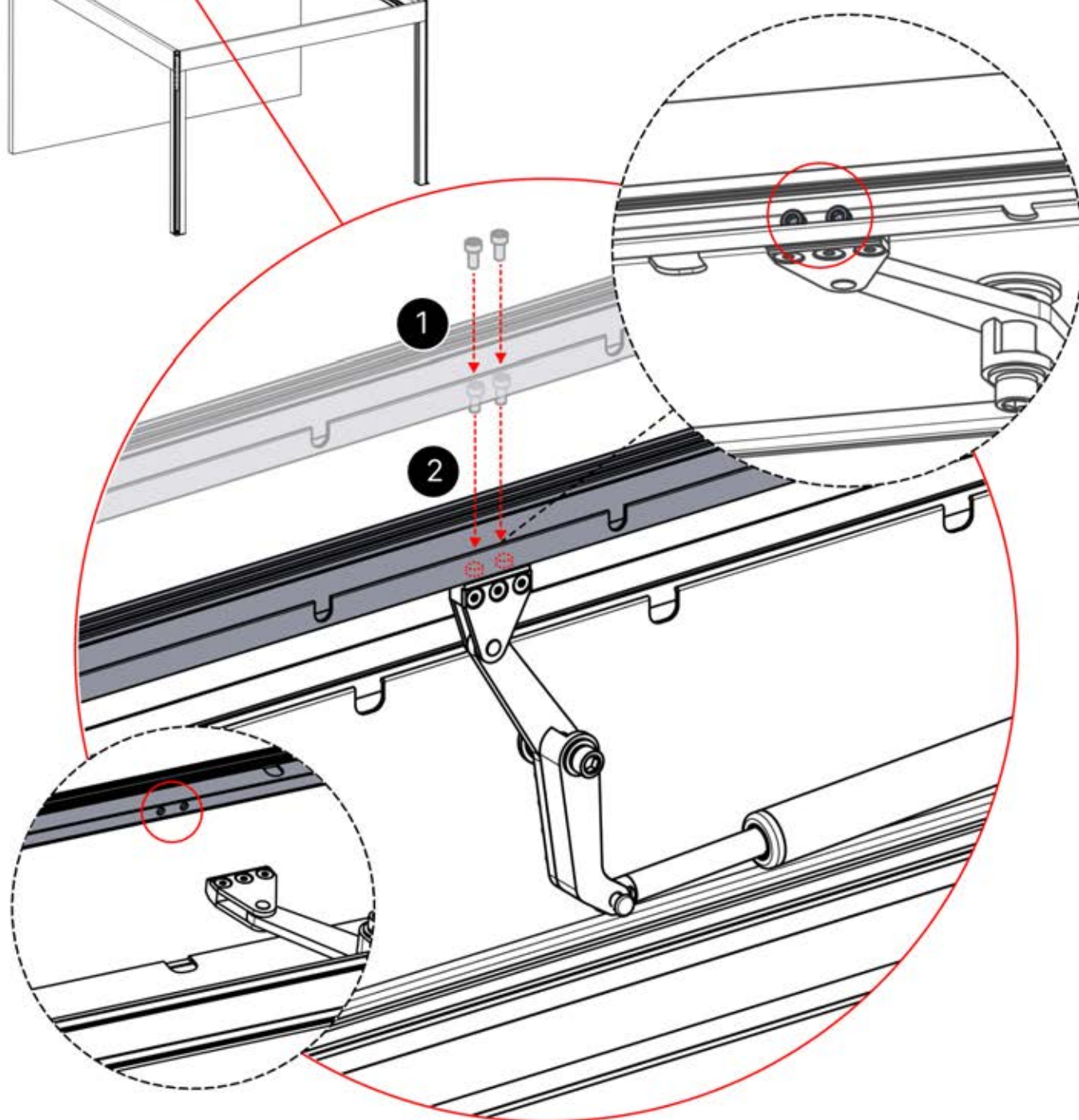
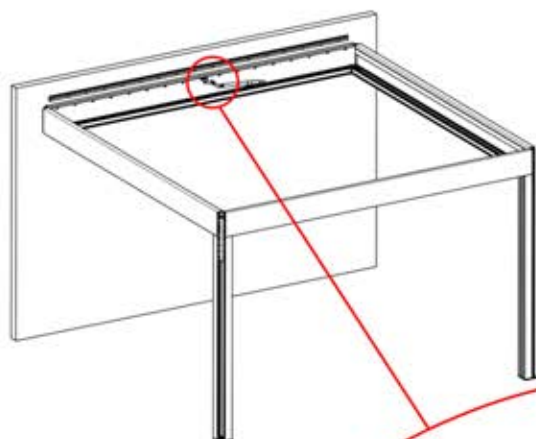
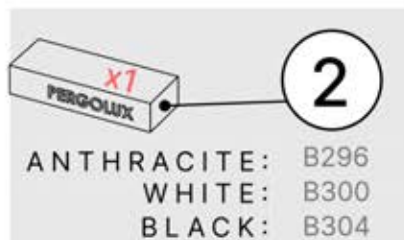
35



36



37



38

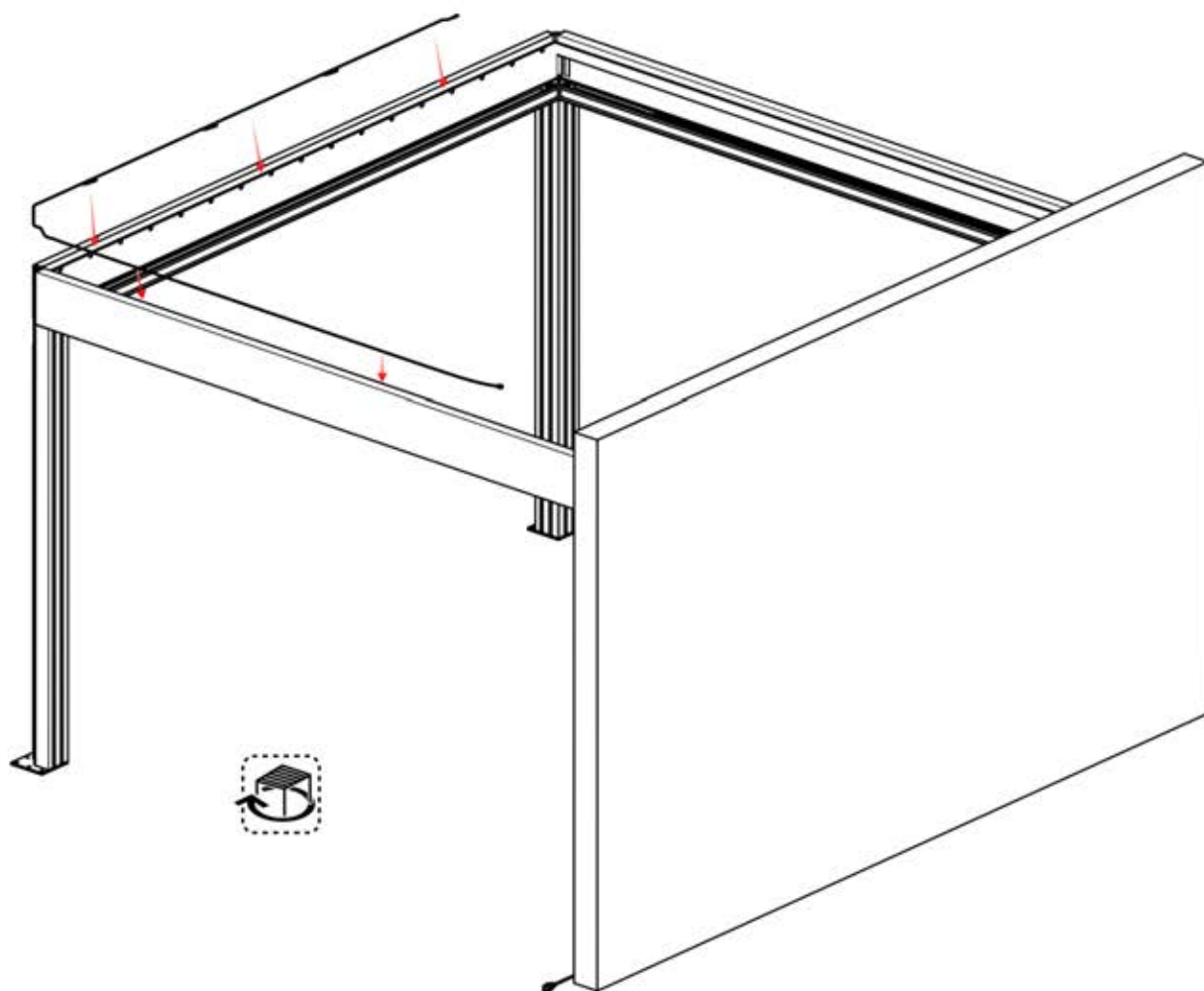


10

LED CABLE



4 LED HARNESS



39

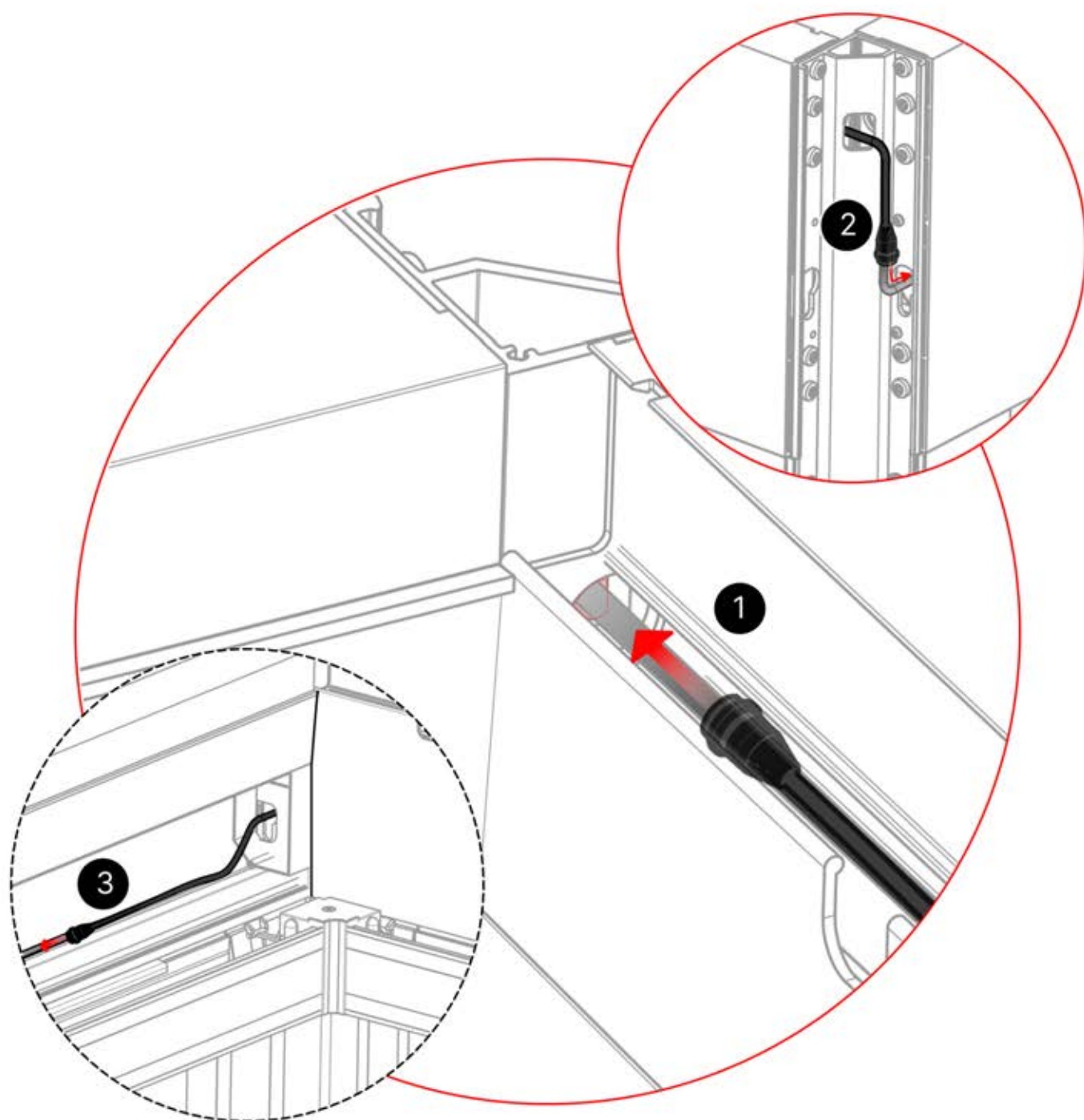


10

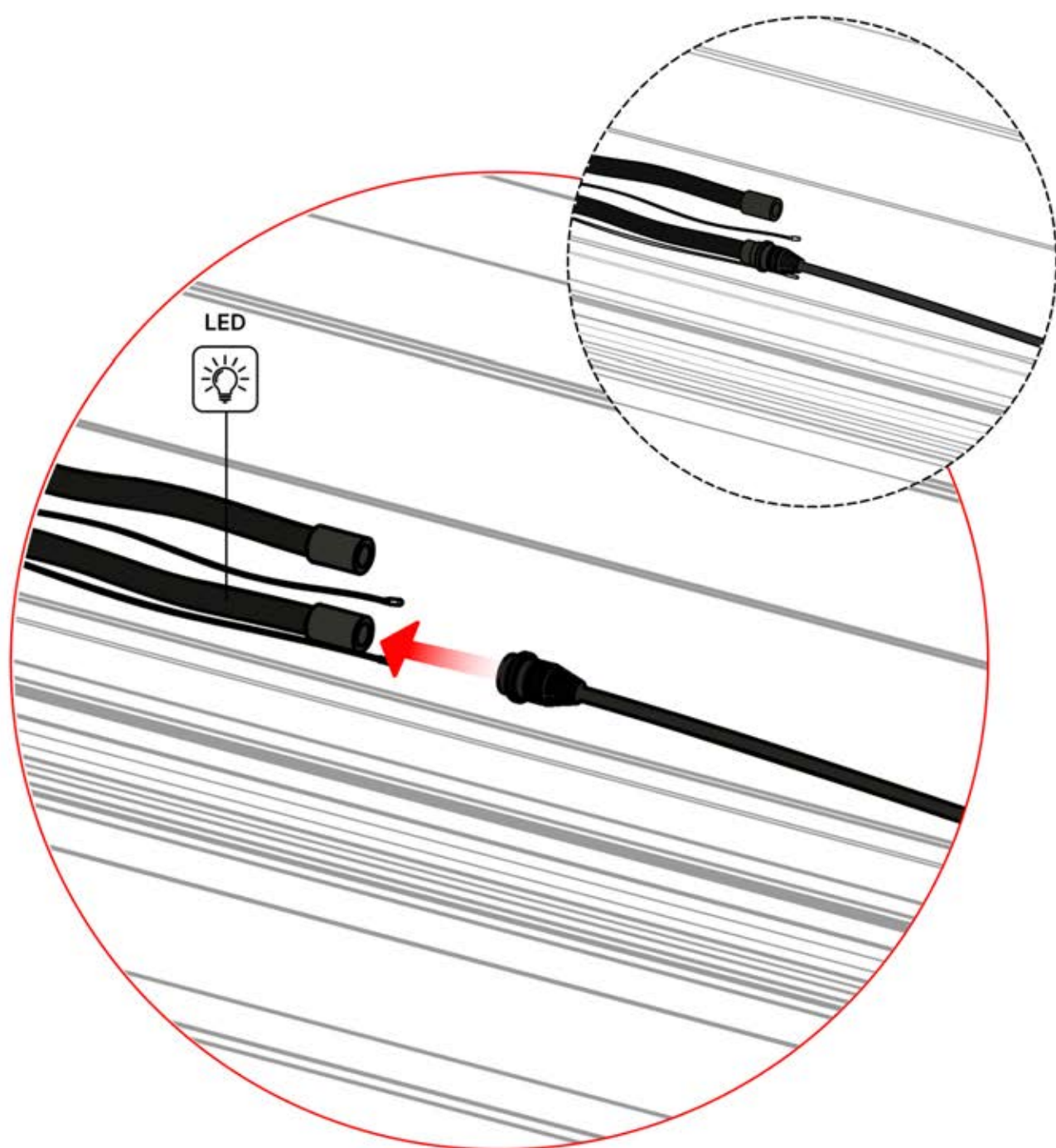
LED CABLE



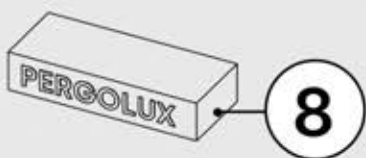
4 LED HARNESS

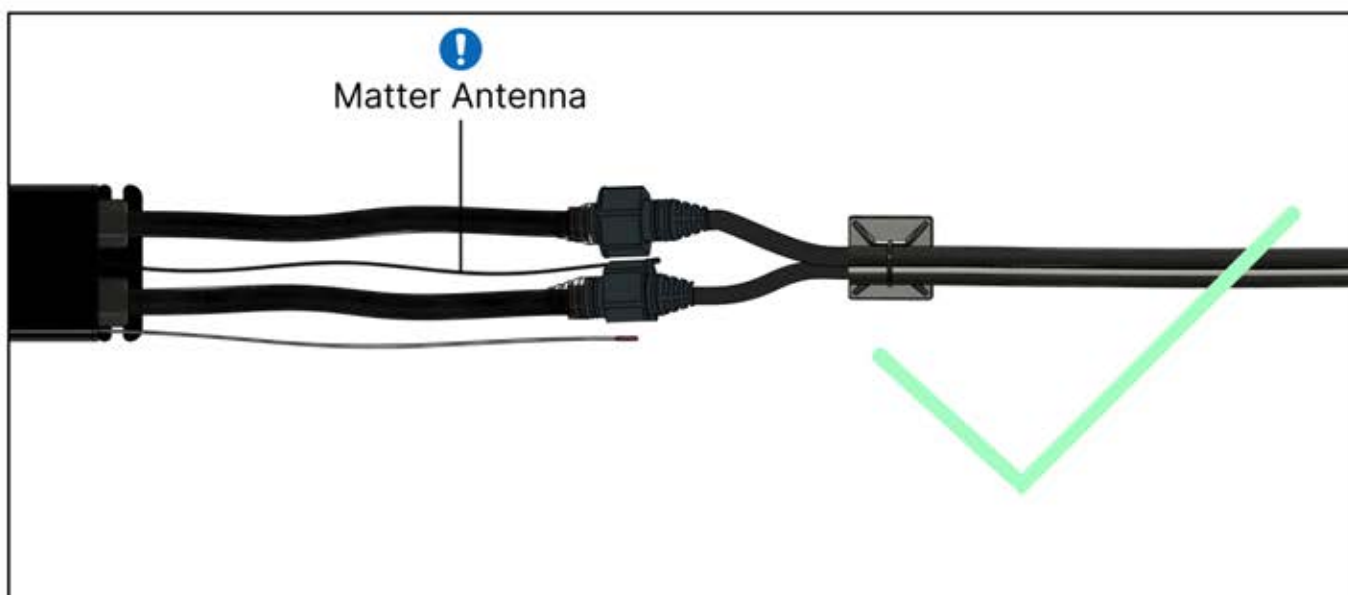
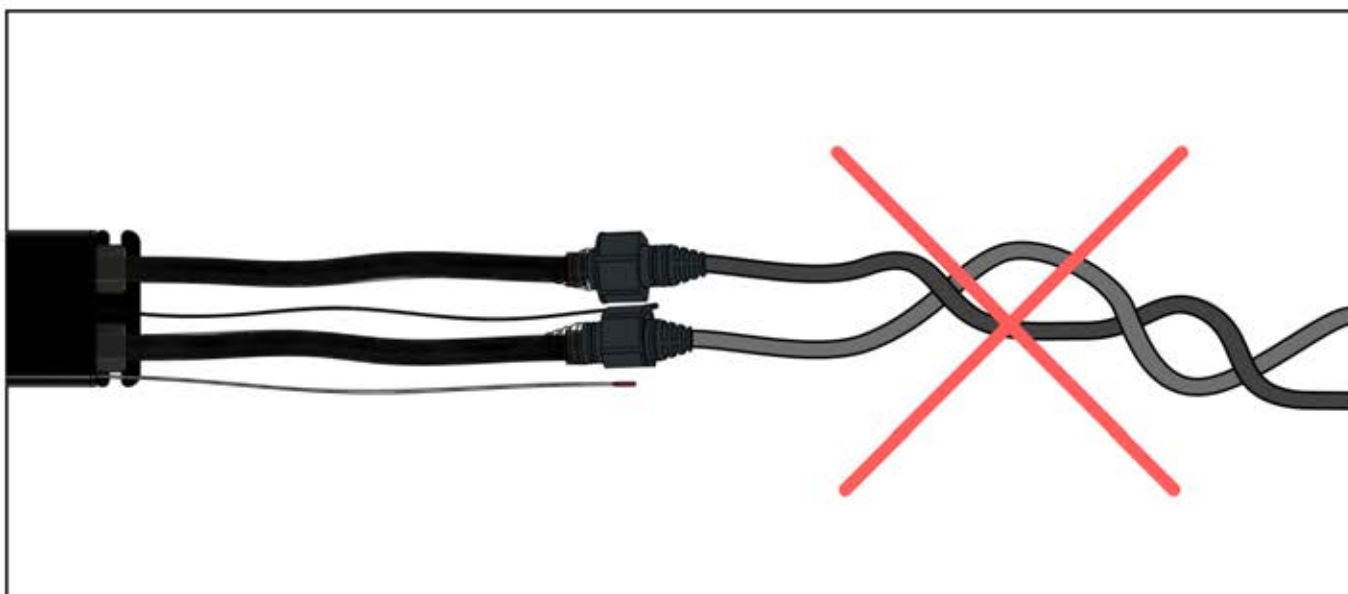


40

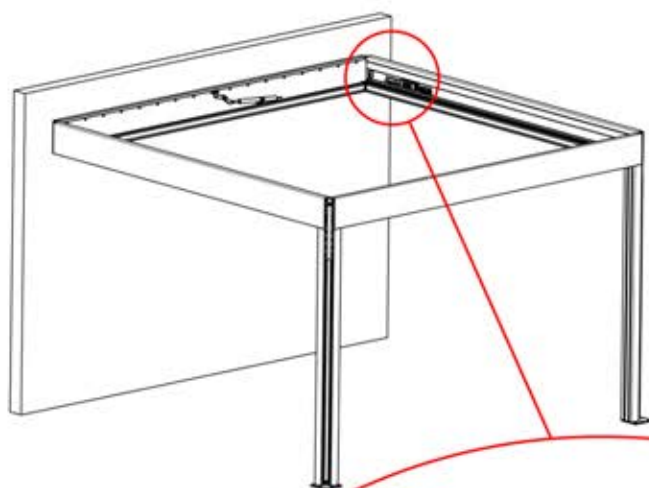


41

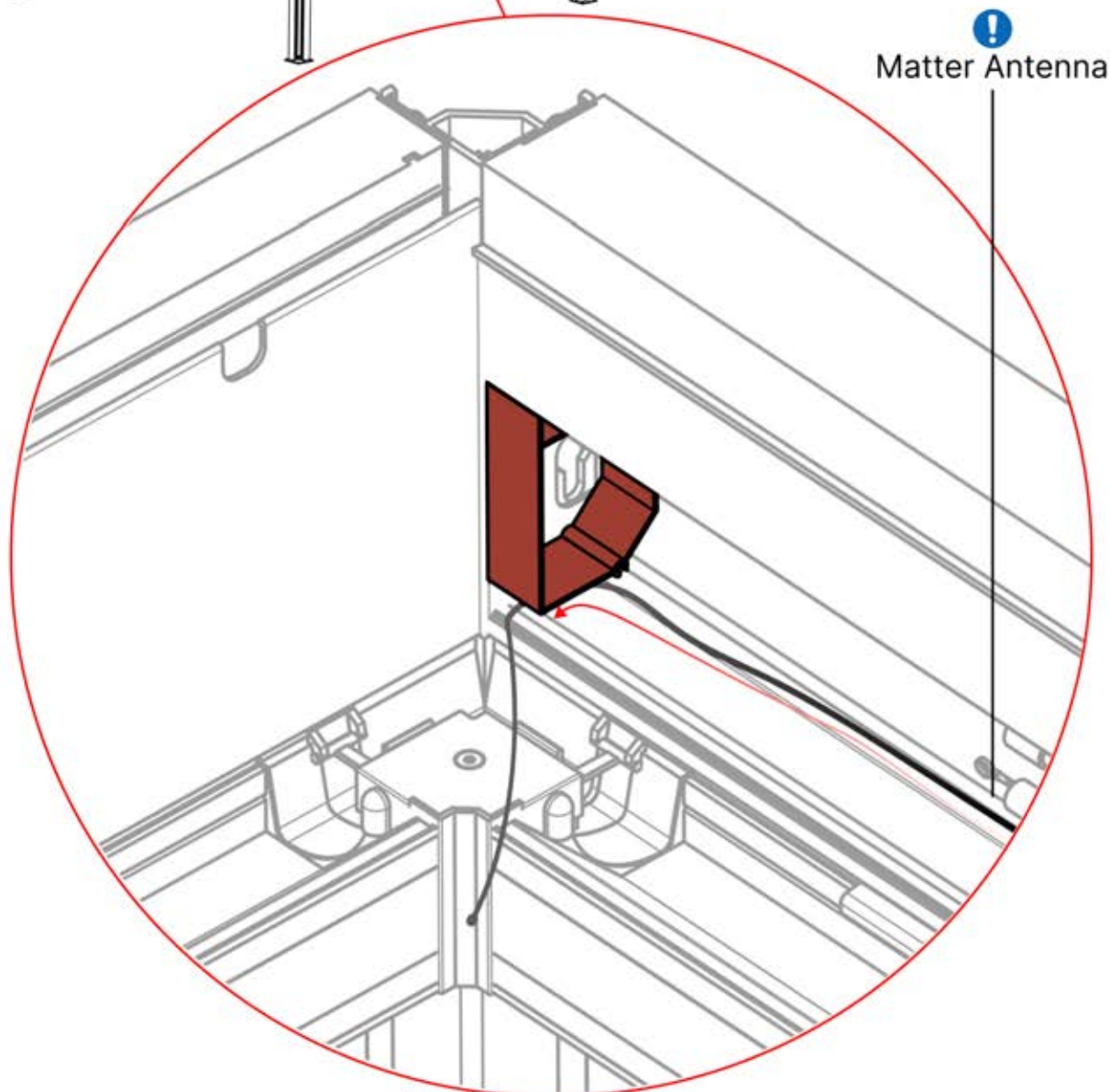
 CONTROL BOX	S4  PN-200002683 5x  PN-200002684 10x
 Keep the Matter Antenna wire free and do not tie them with LED and Motor wire	



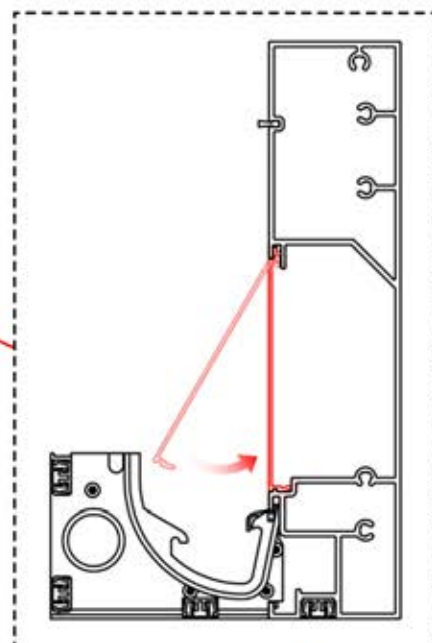
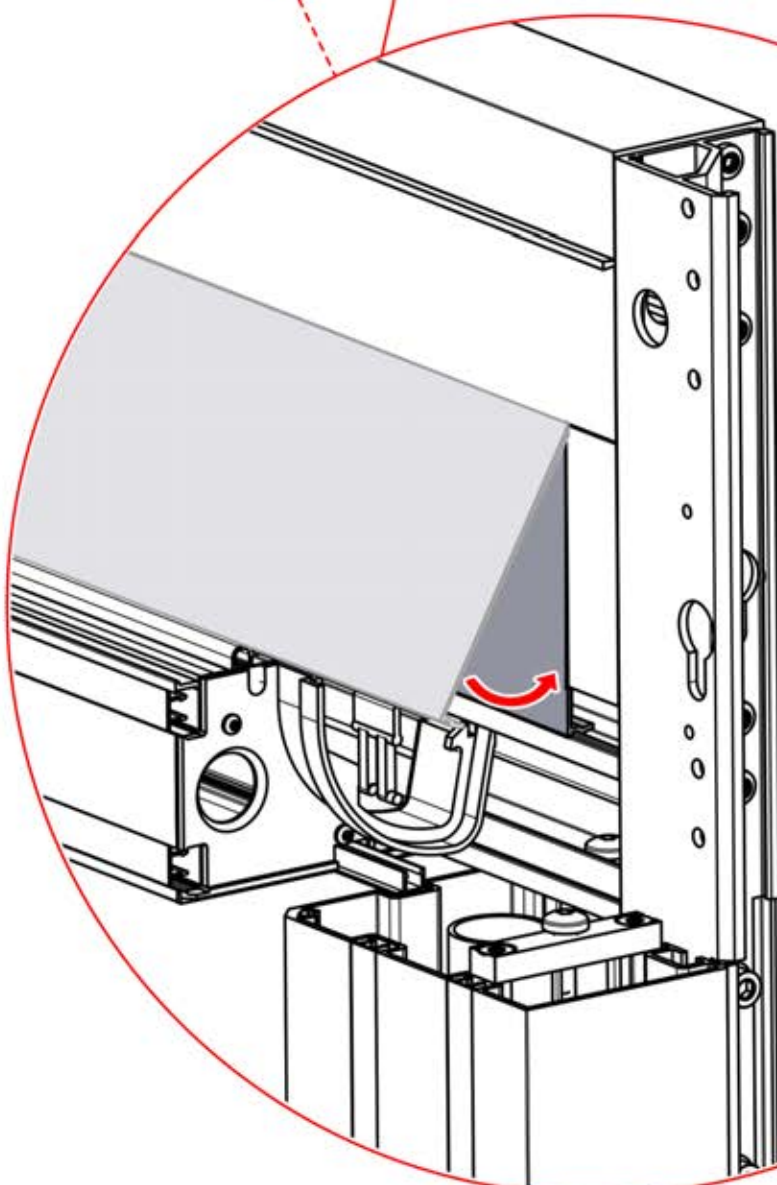
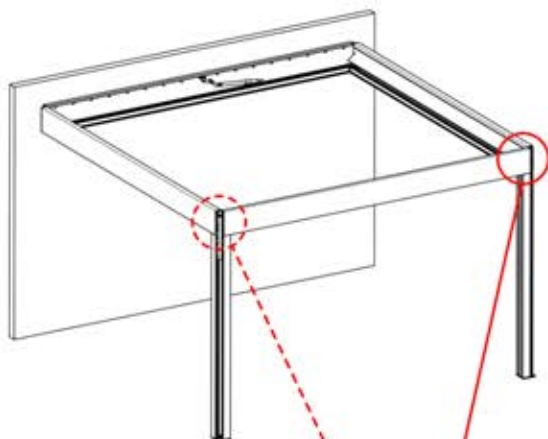
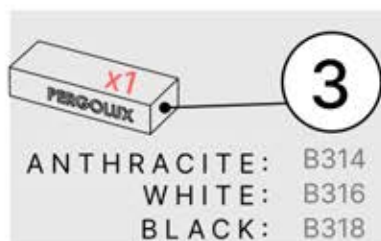
42



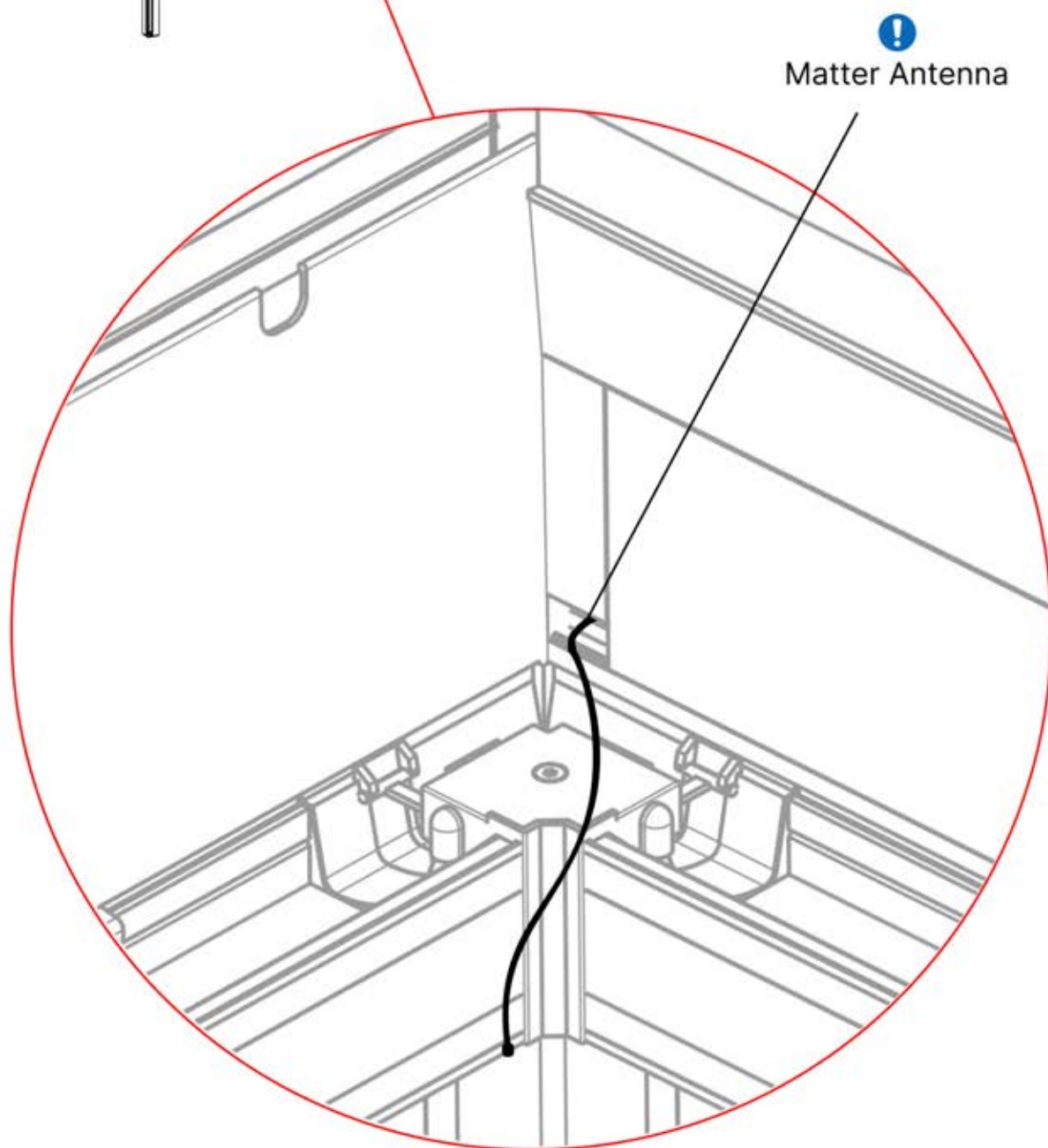
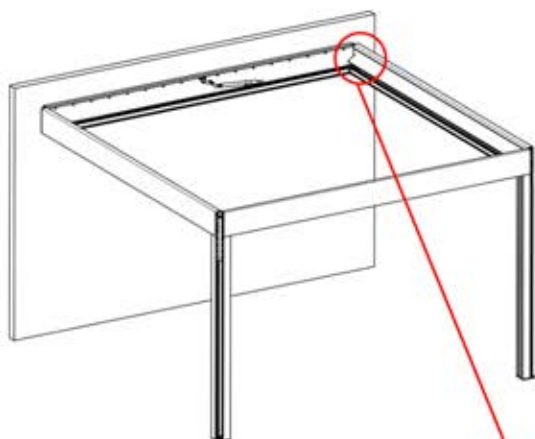

Route the Matter
Antenna and place it
below the highlighted
part(PN-200002329).



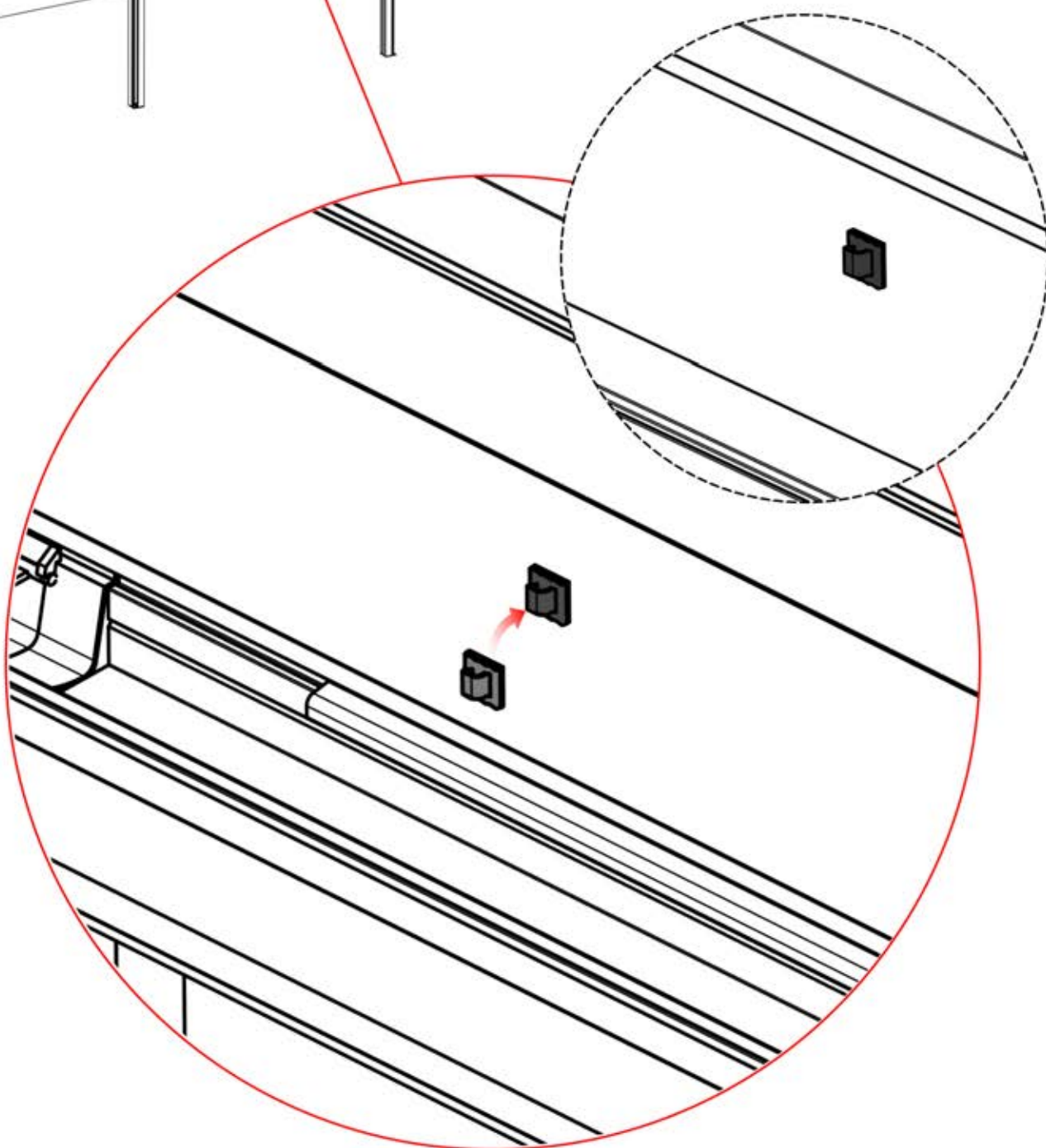
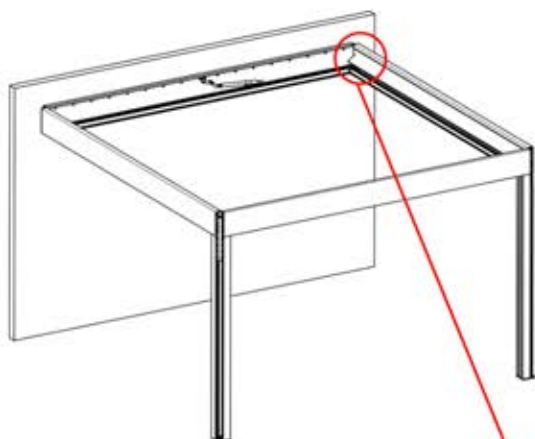
43



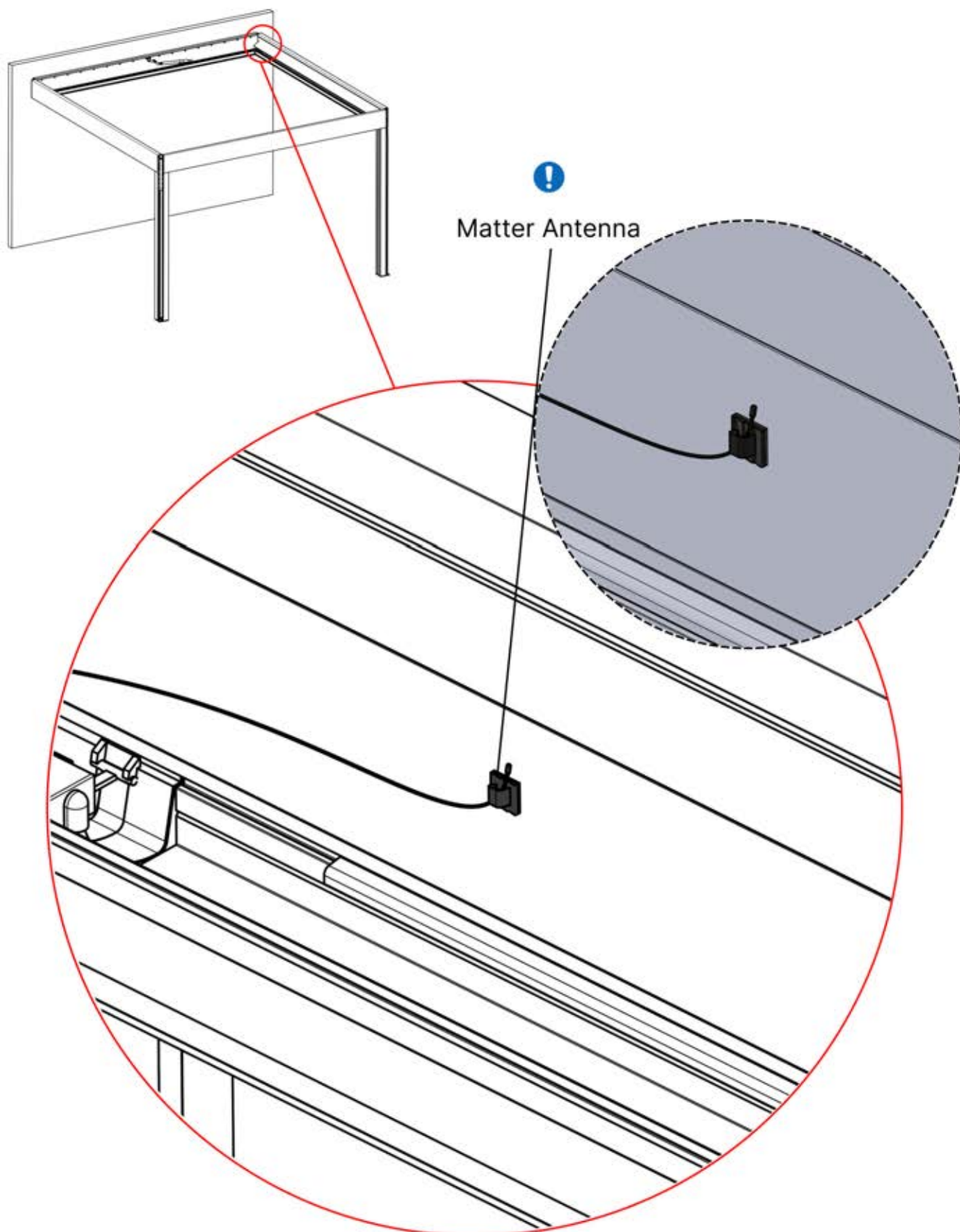
INFORMATION



44



45





PERGOLUX PRO MAX+ 4x4

PN-200002367

 4
 5
 6 **12x**



Standard = **(S)**



PN-200002365

 5 **4x**



LED = 



PN-200002363

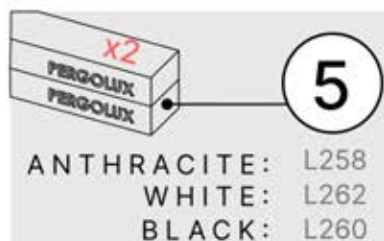
 4 **1x**



End = **(E)**

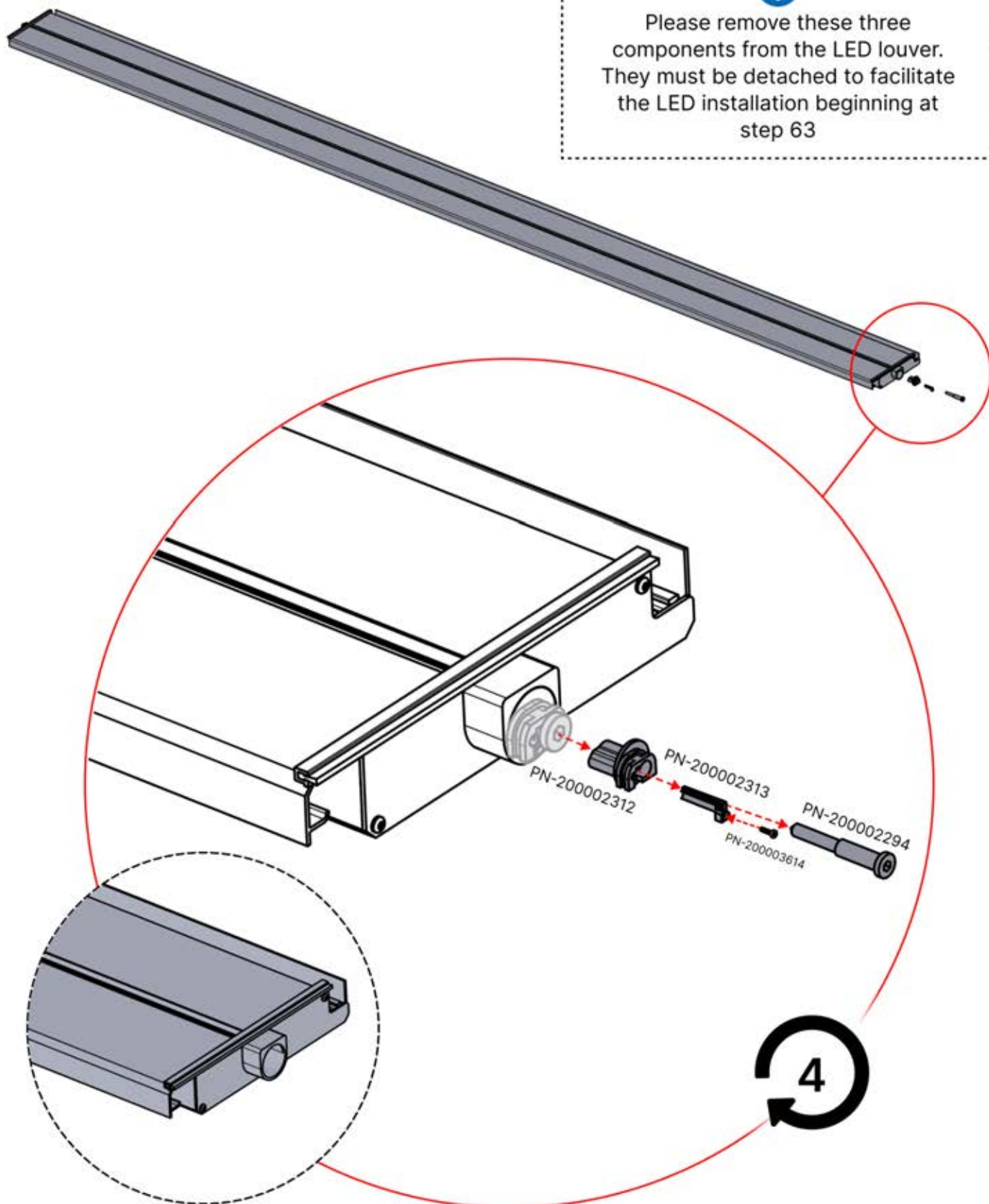


46

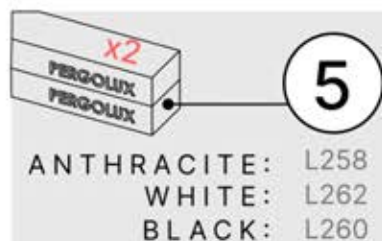


!

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

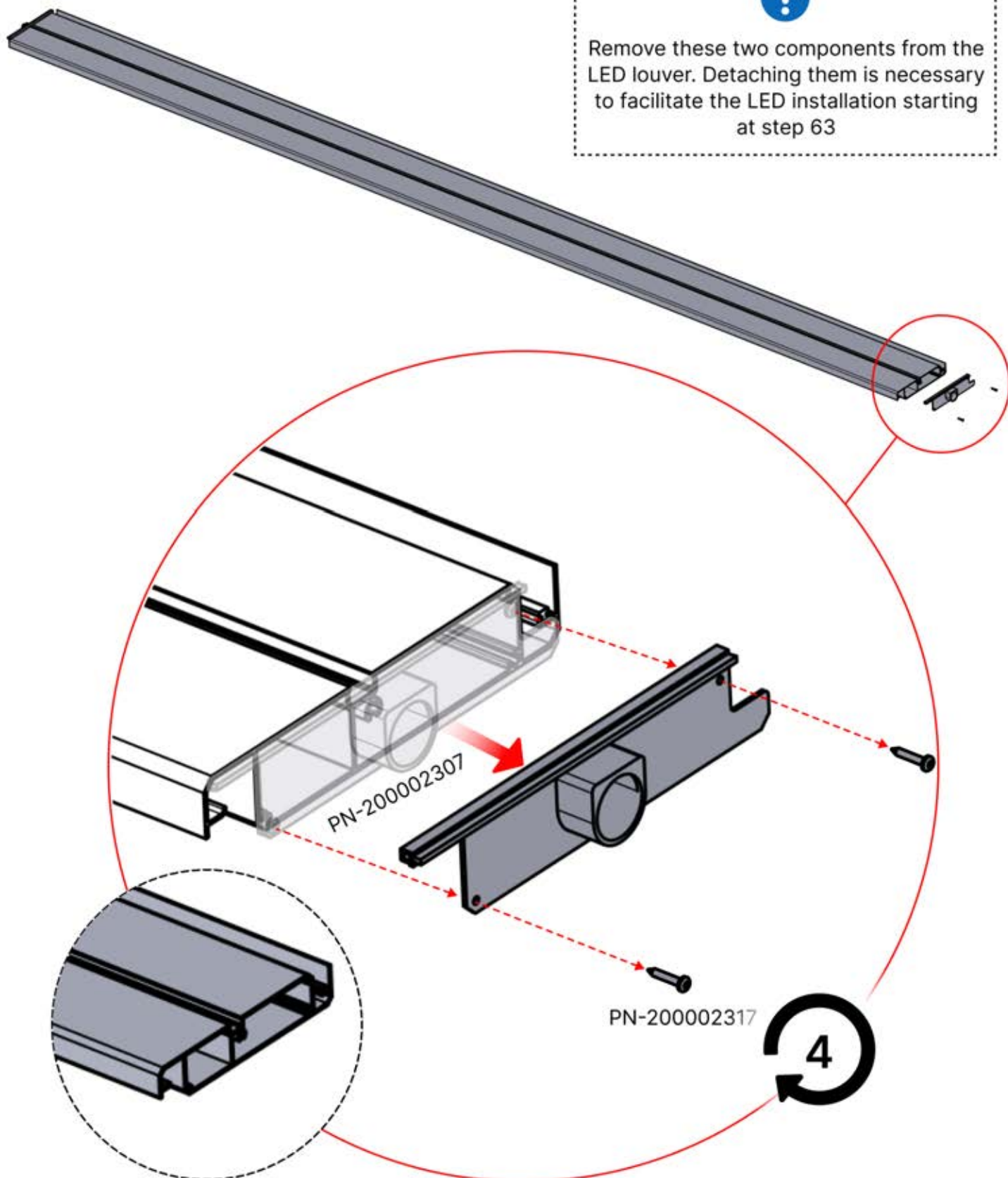


47

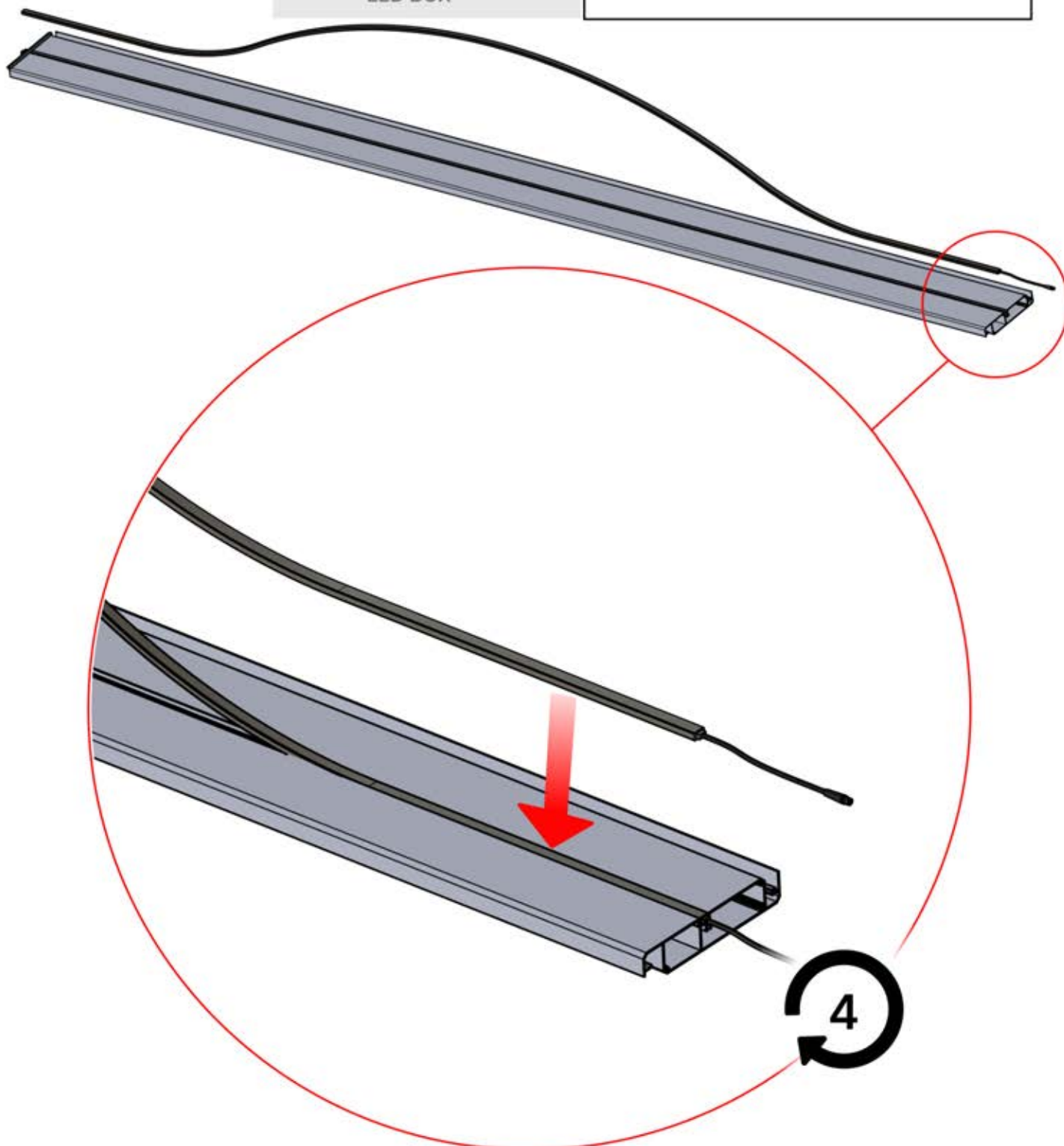
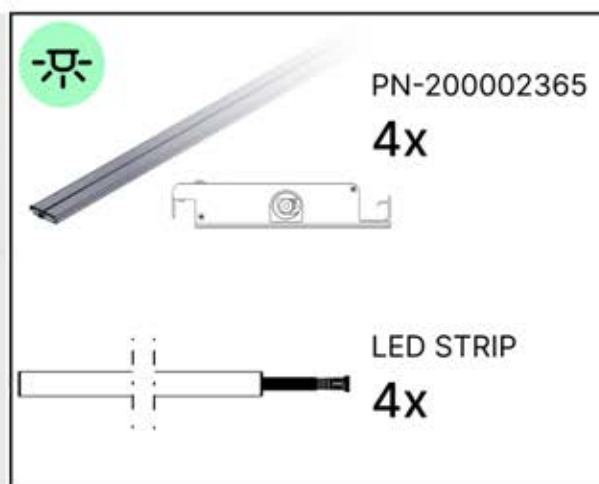
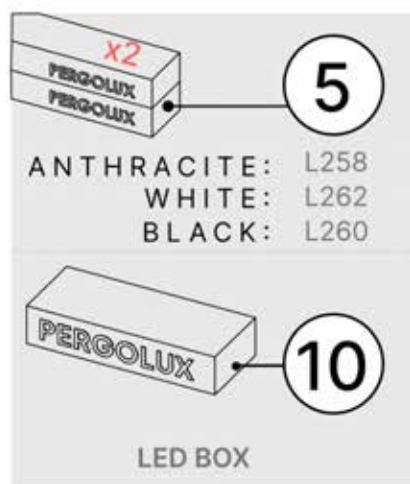


!

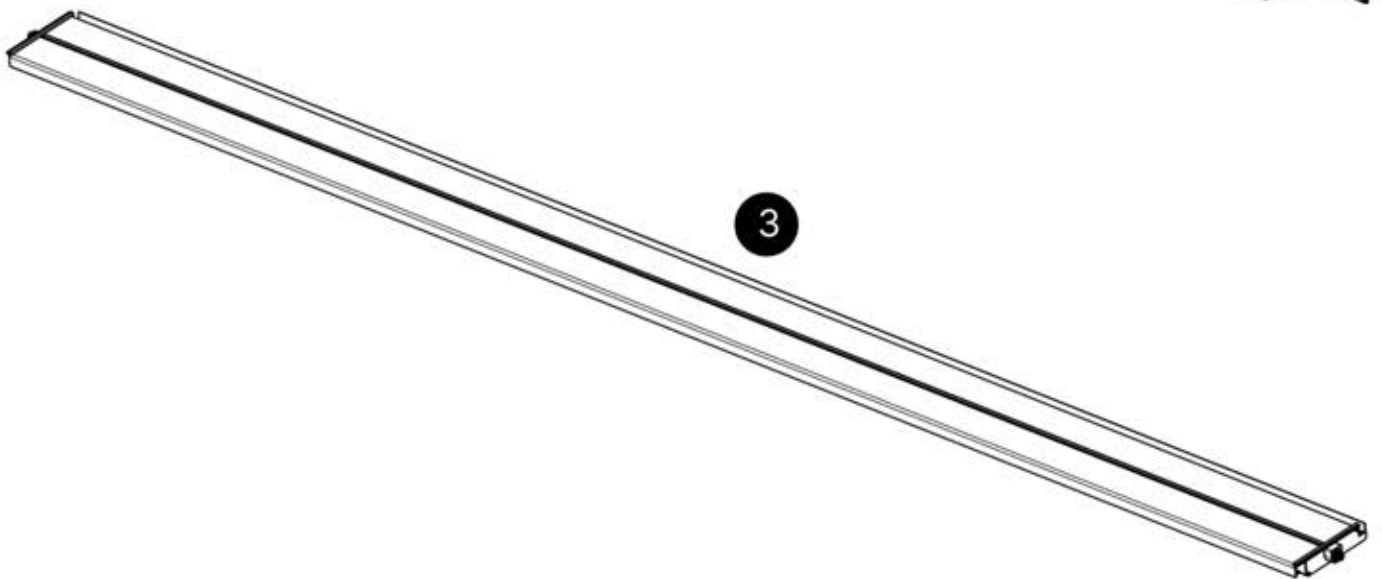
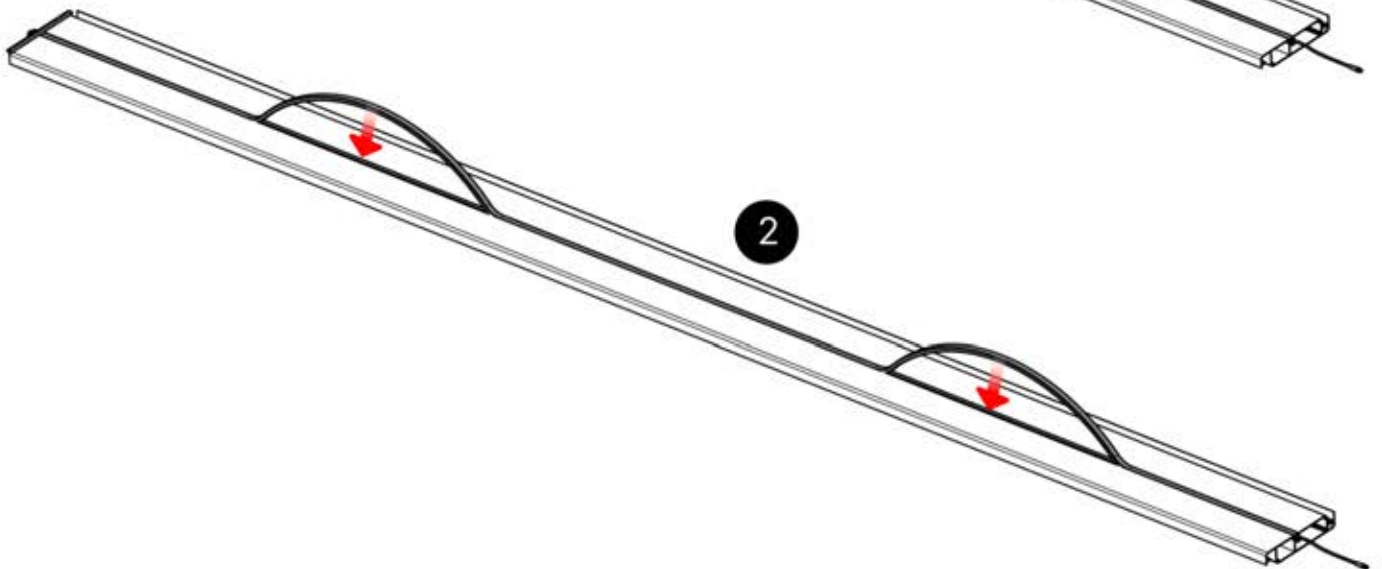
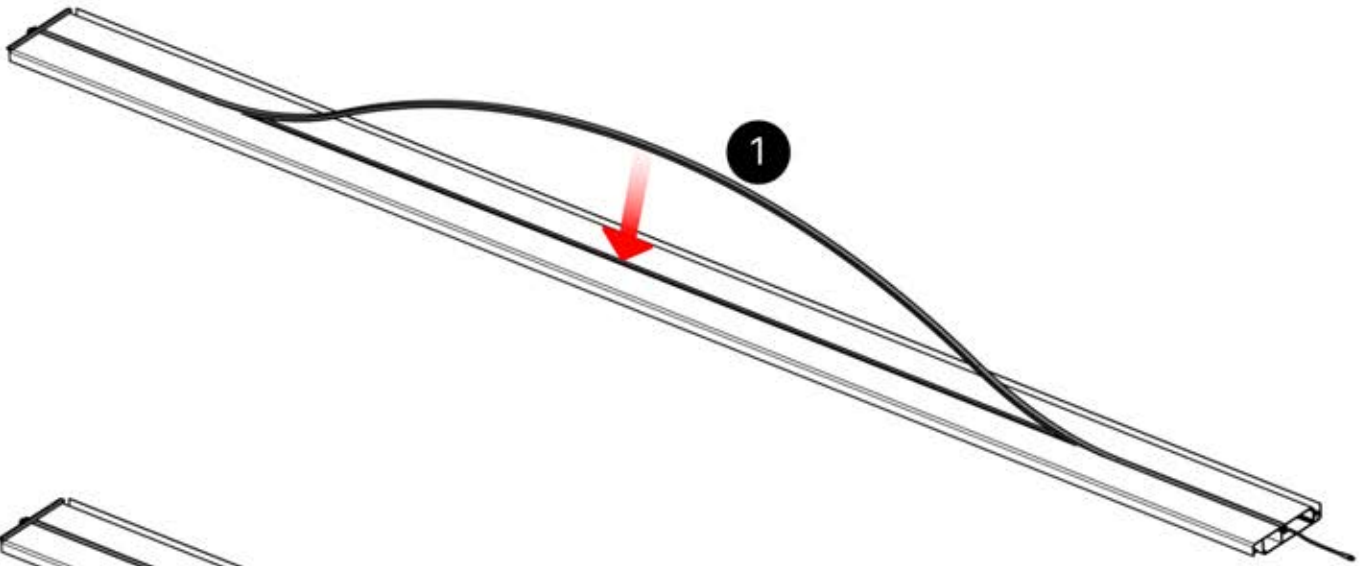
Remove these two components from the LED louver. Detaching them is necessary to facilitate the LED installation starting at step 63



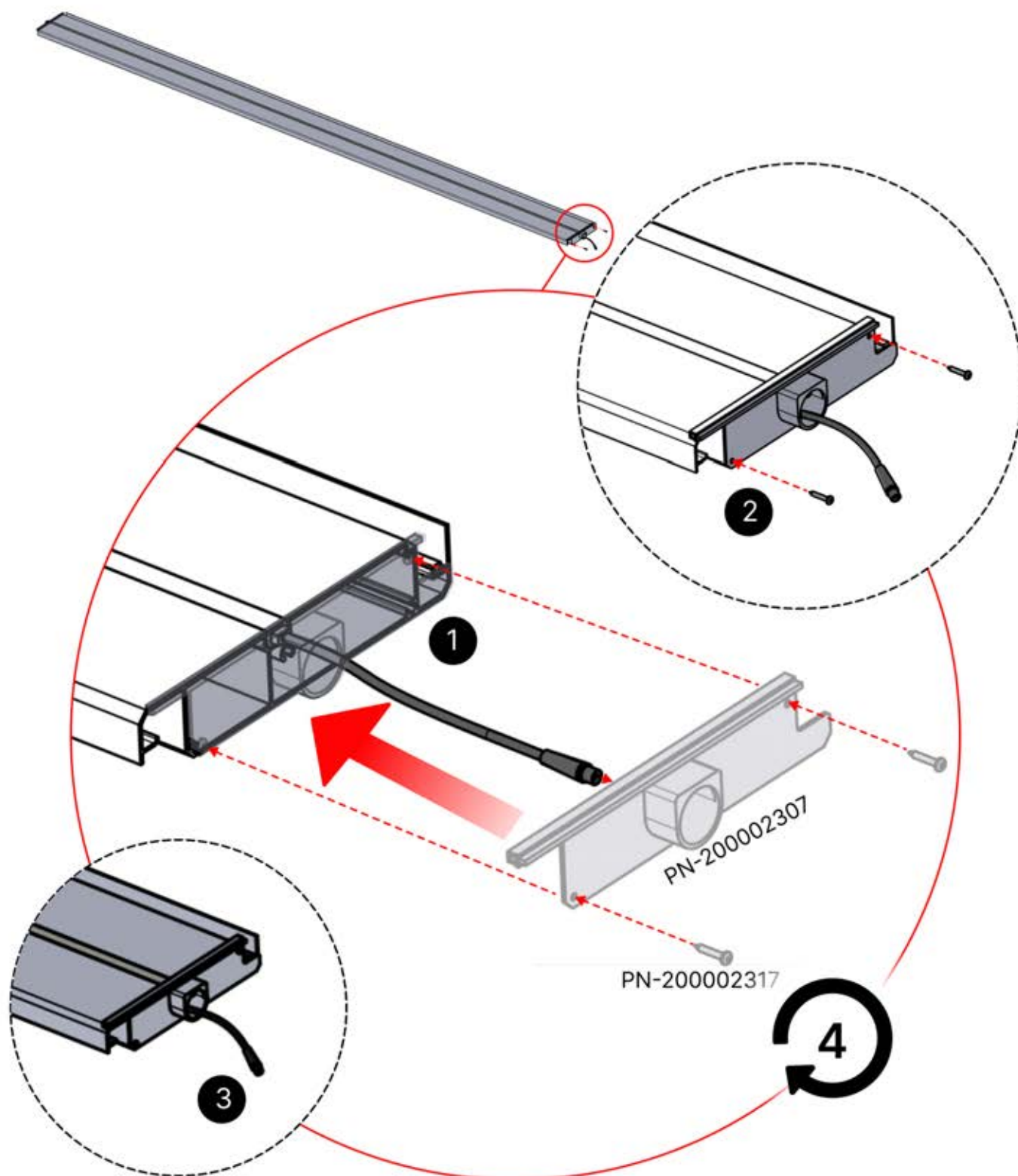
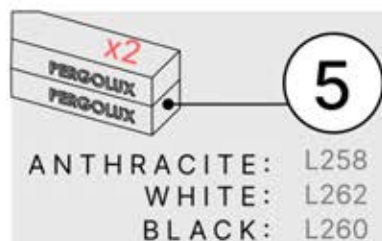
48



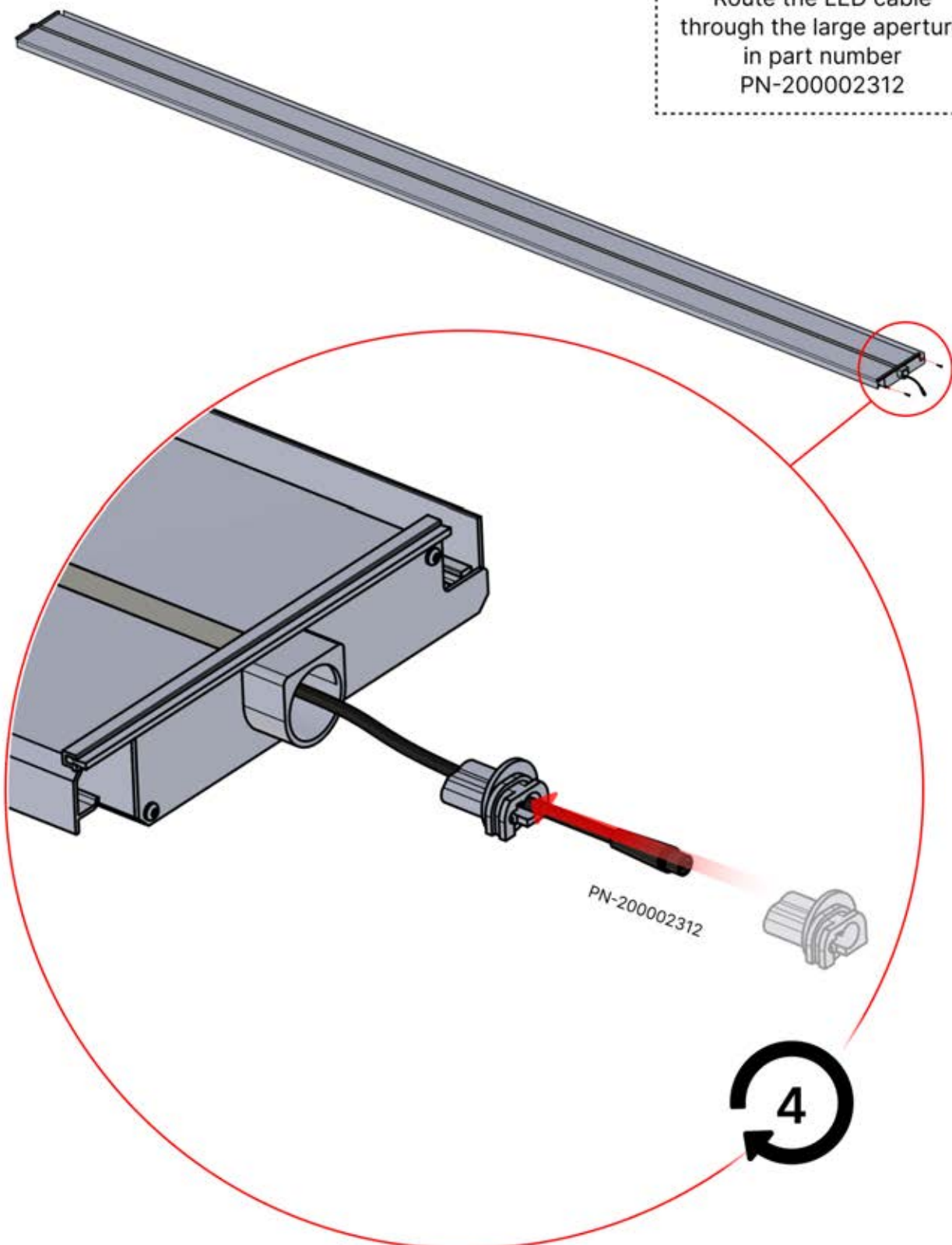
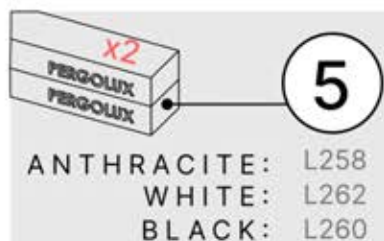
49



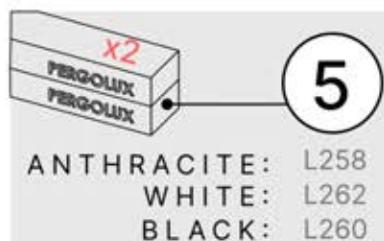
50



51

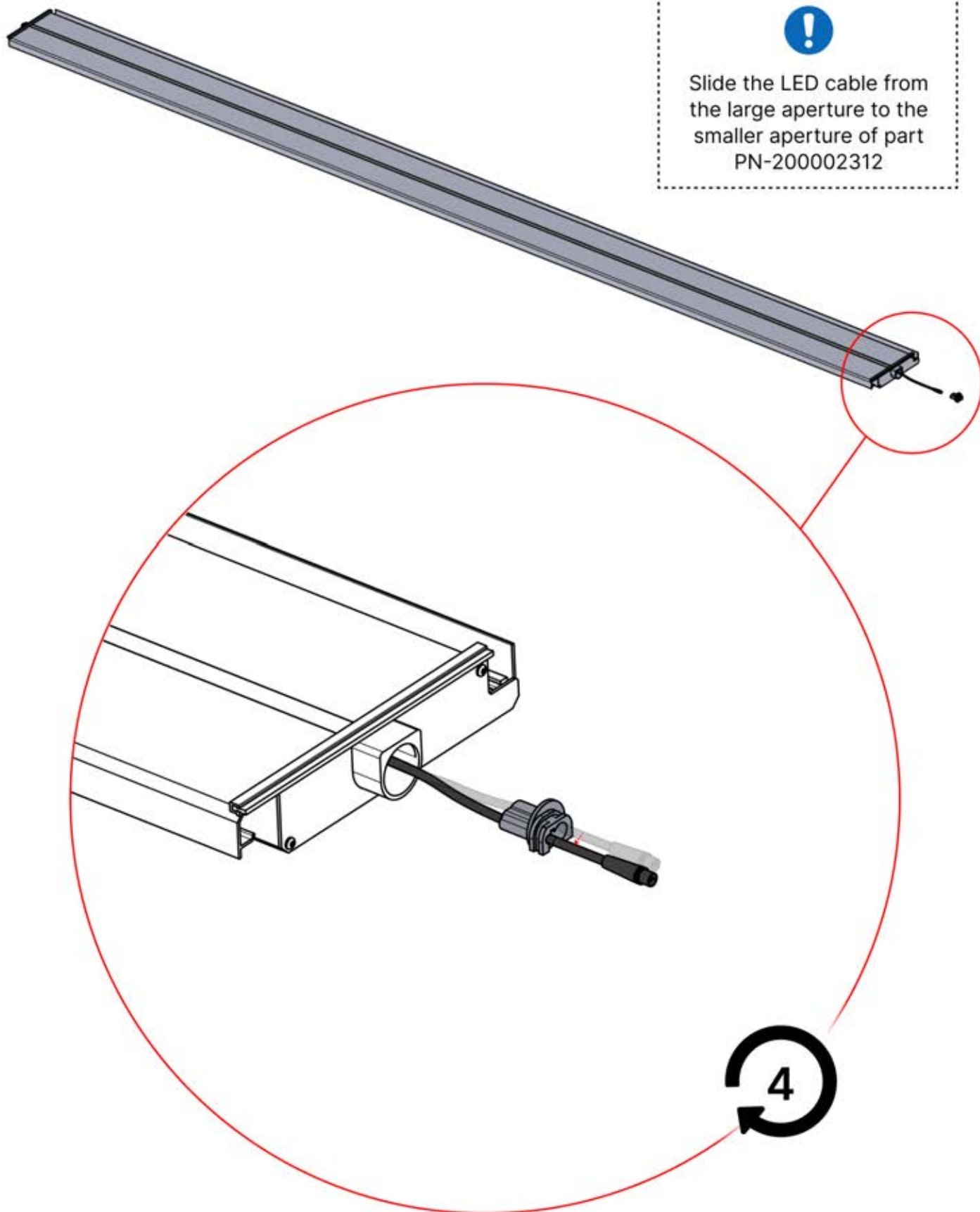


52

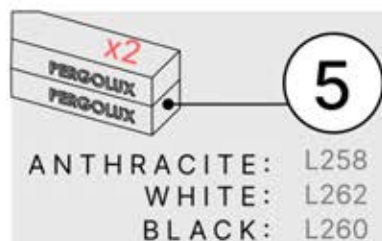


!

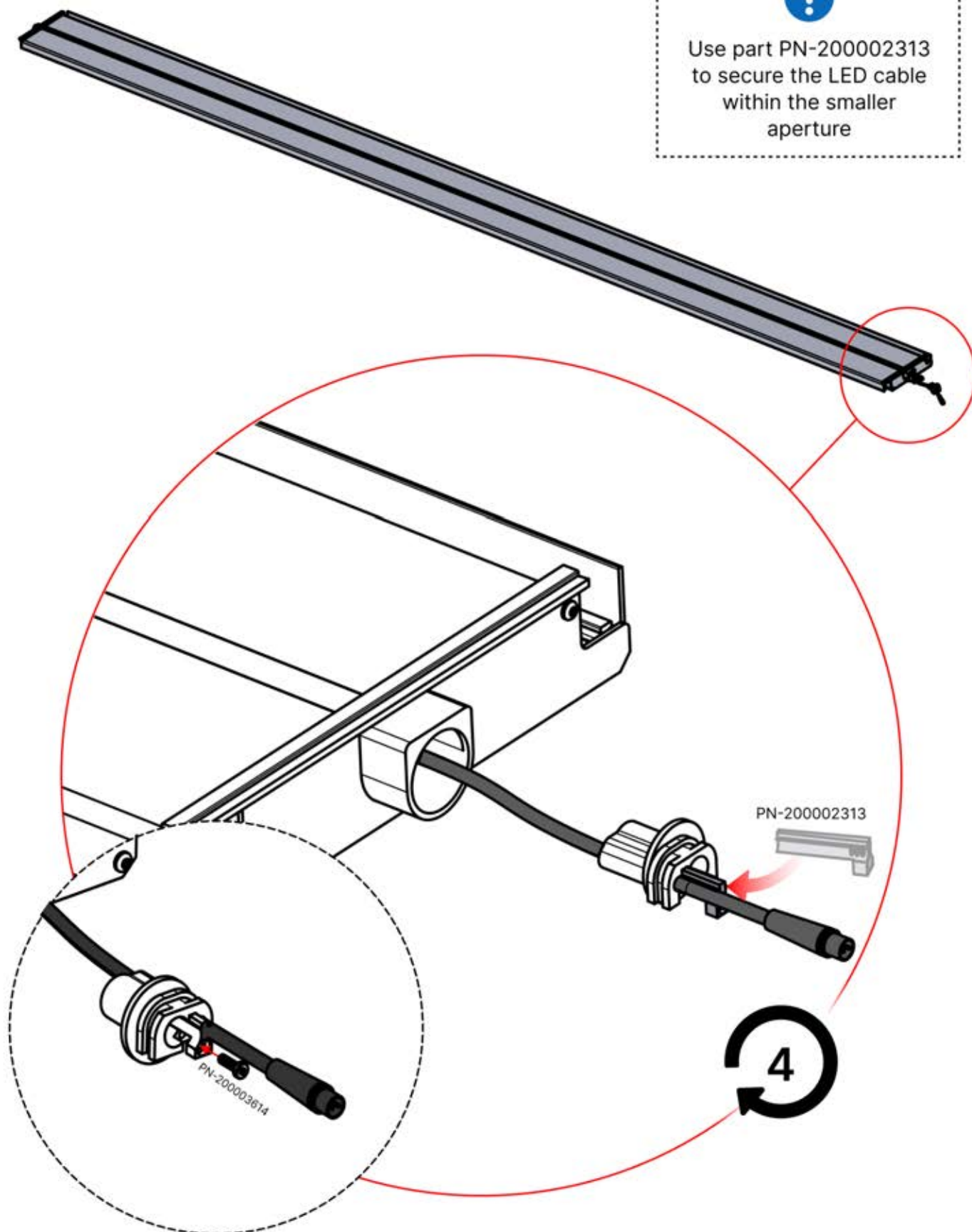
Slide the LED cable from the large aperture to the smaller aperture of part PN-200002312



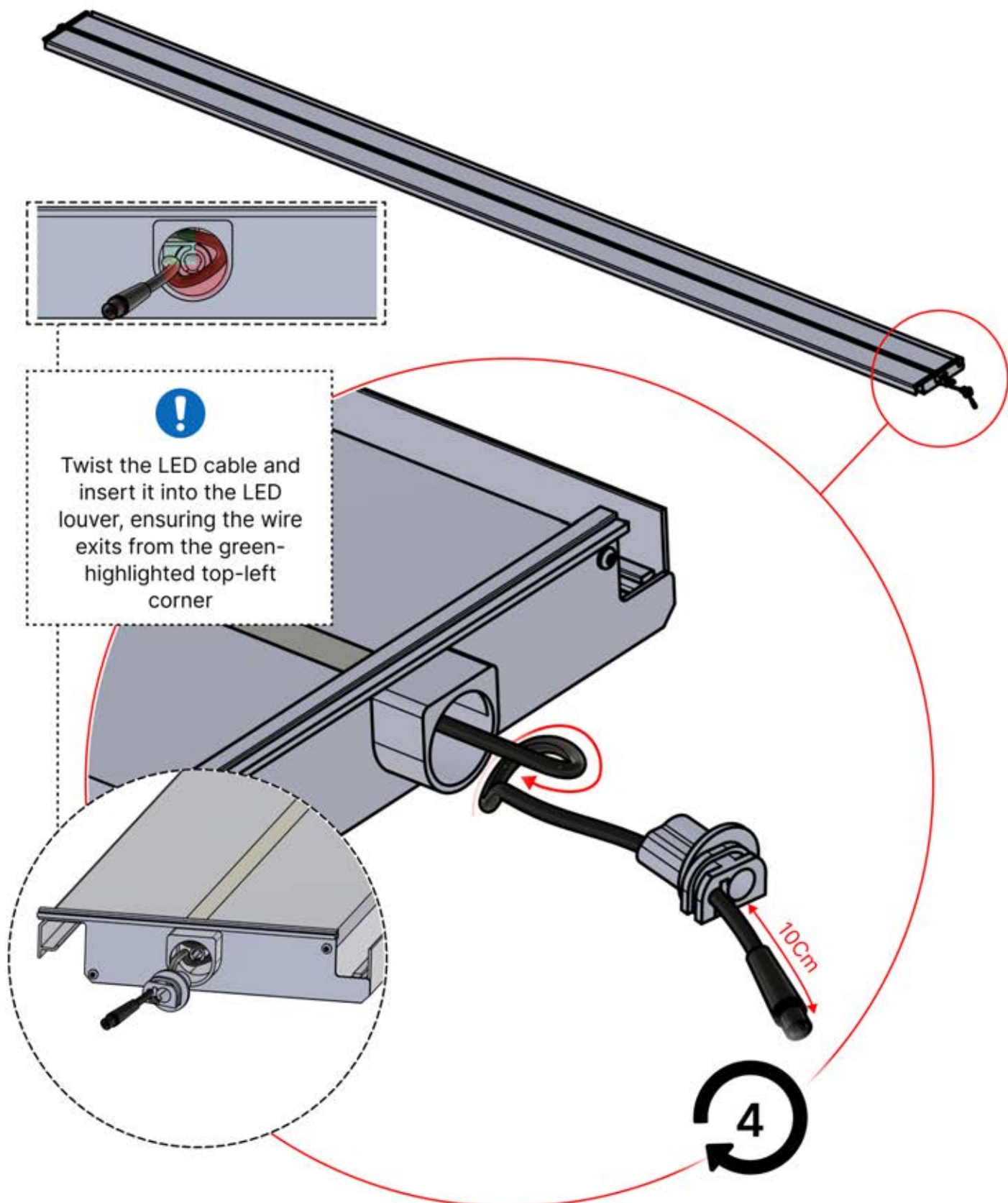
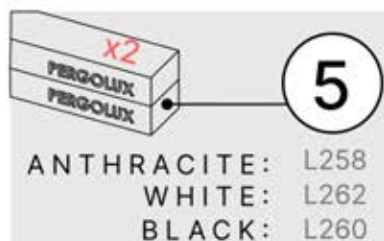
53



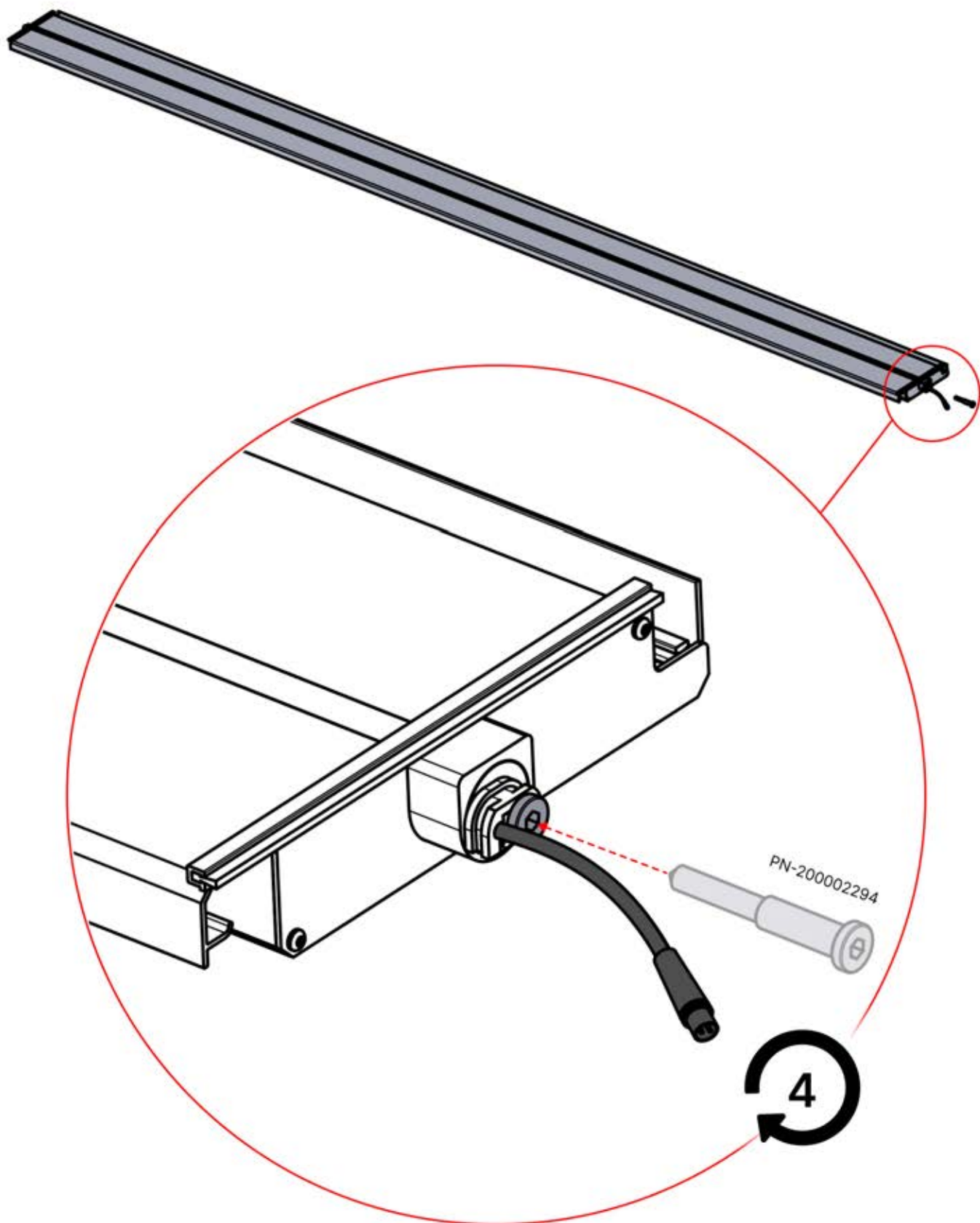
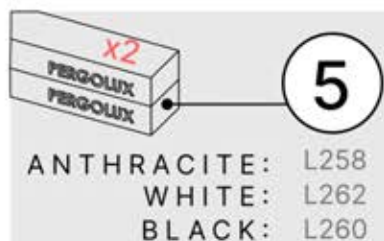

Use part PN-200002313
to secure the LED cable
within the smaller
aperture



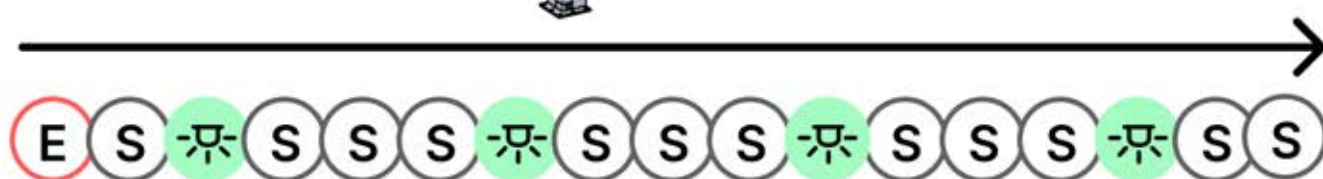
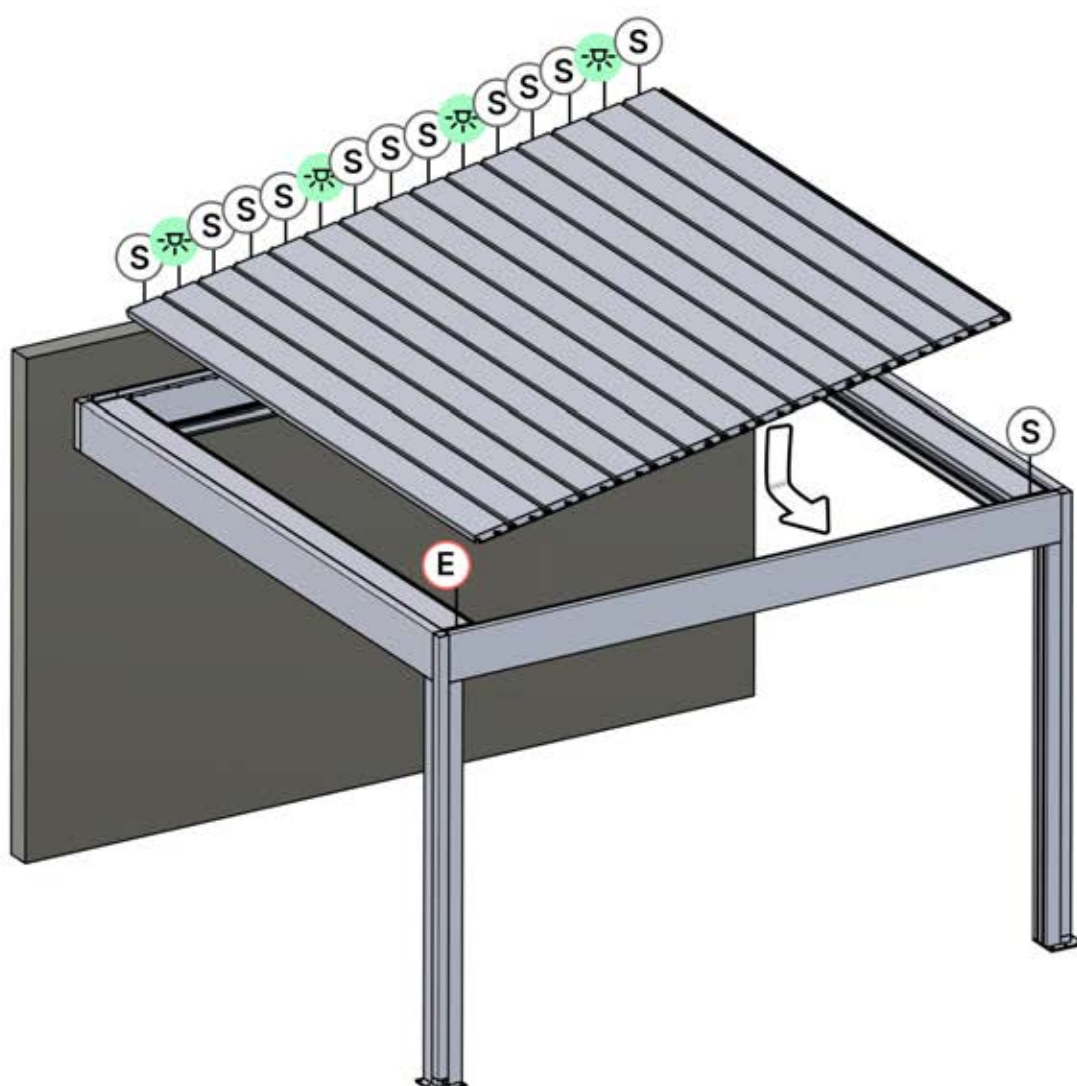
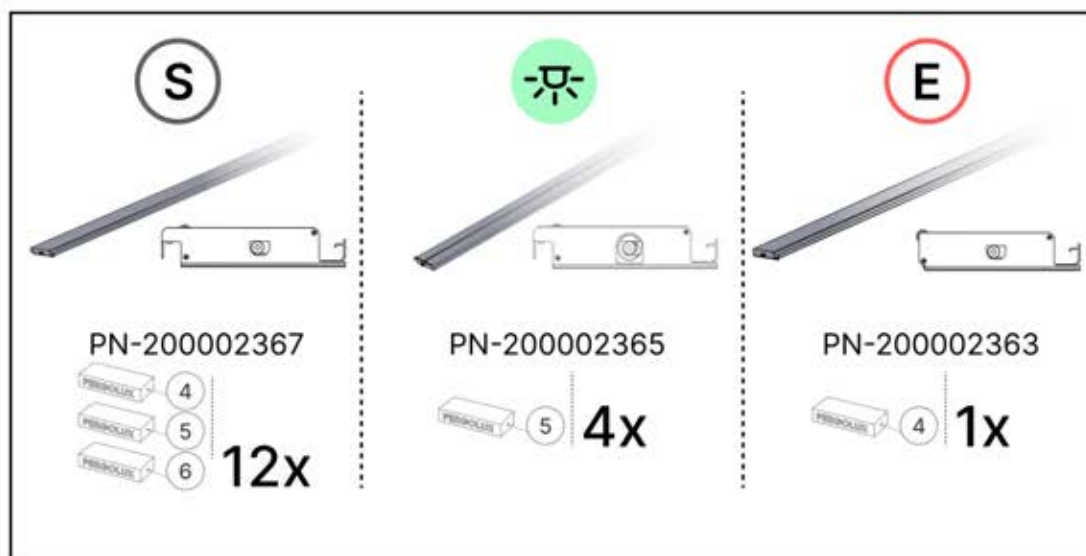
54



55



56



57



4

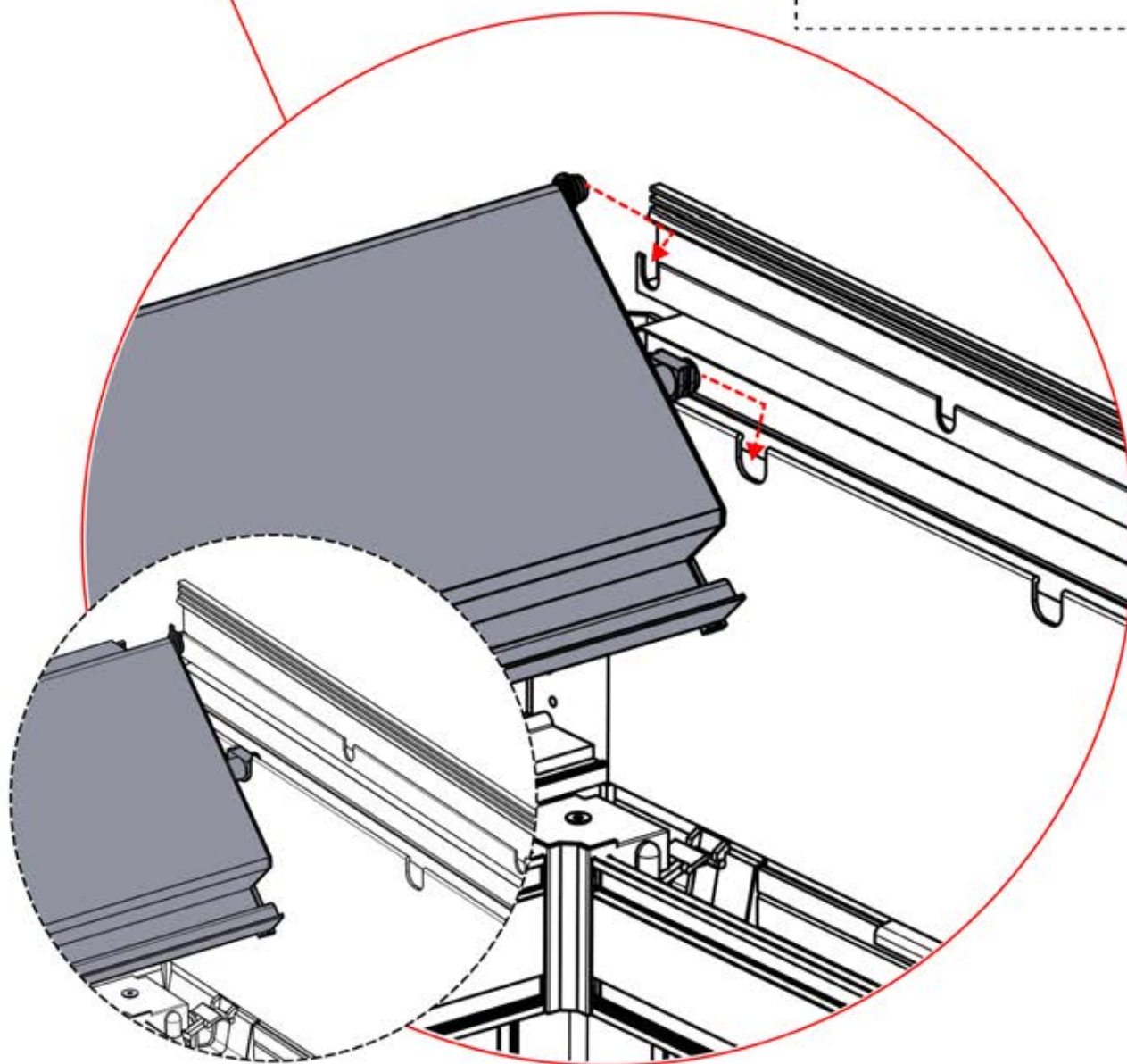
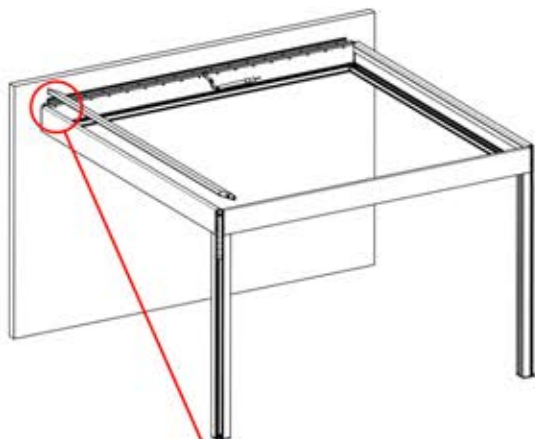
ANTHRACITE: L270
WHITE: L274
BLACK: L272

E



PN-200002363

1x



58



4

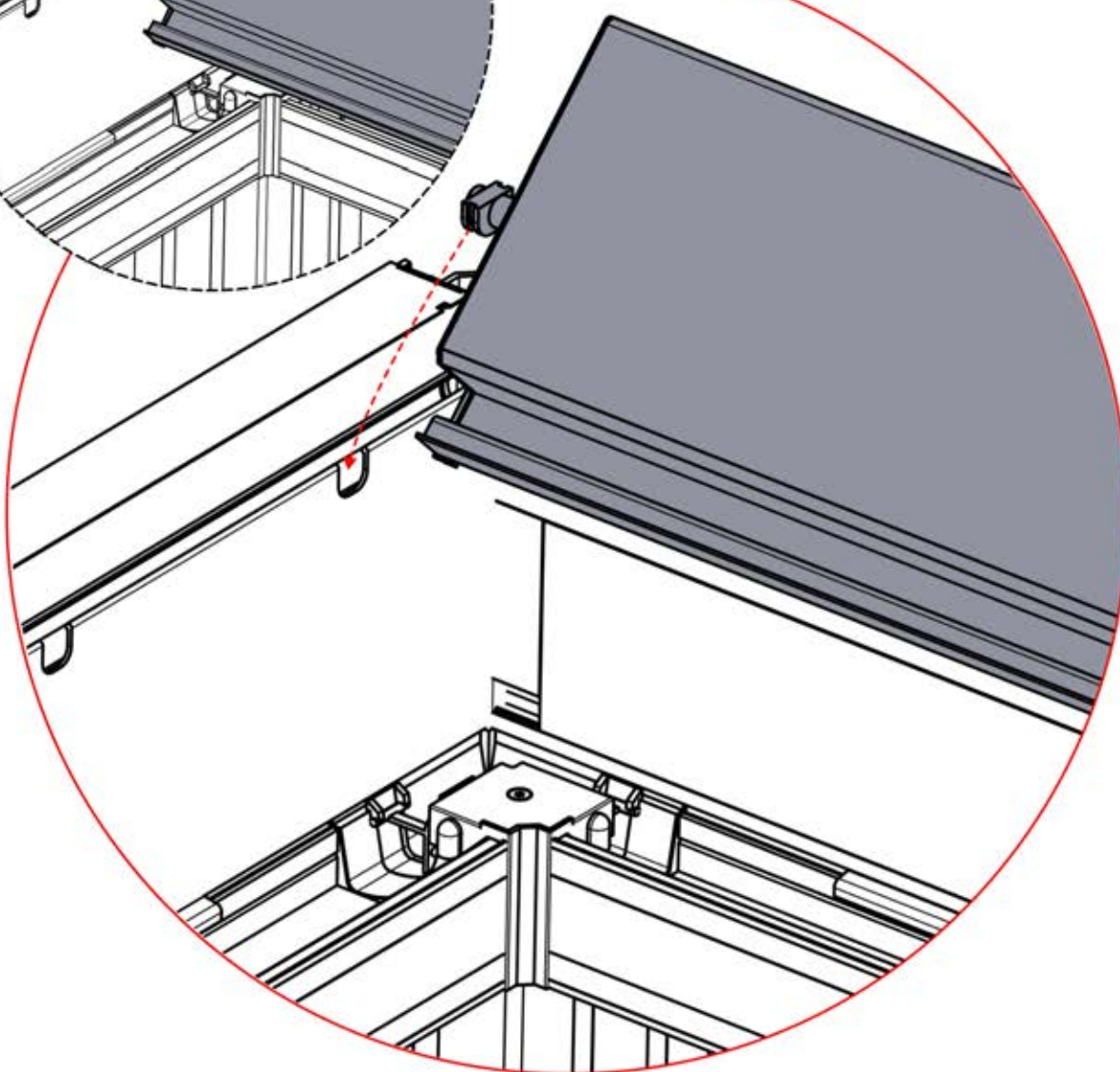
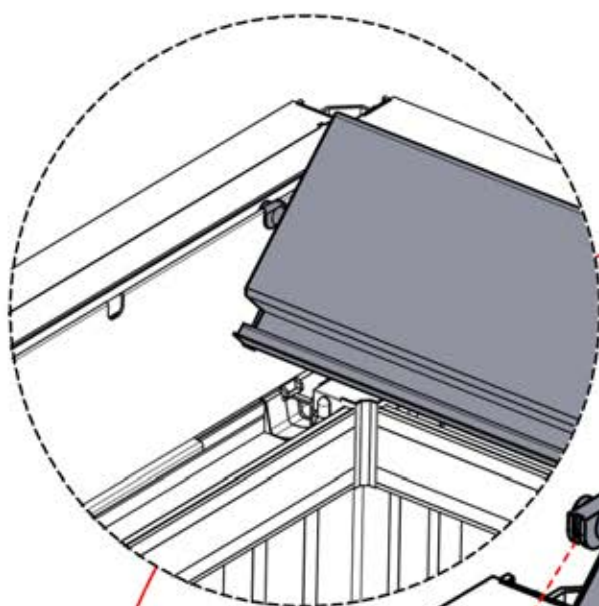
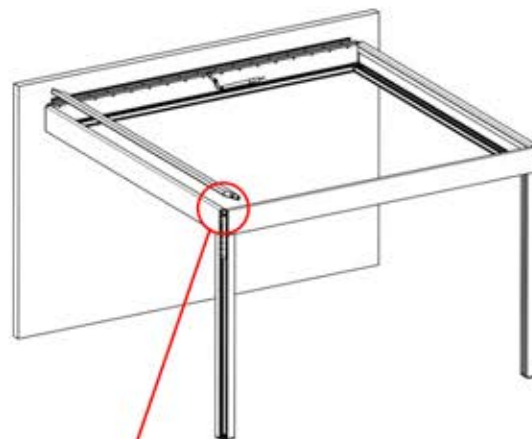
ANTHRACITE: L270
WHITE: L274
BLACK: L272

E

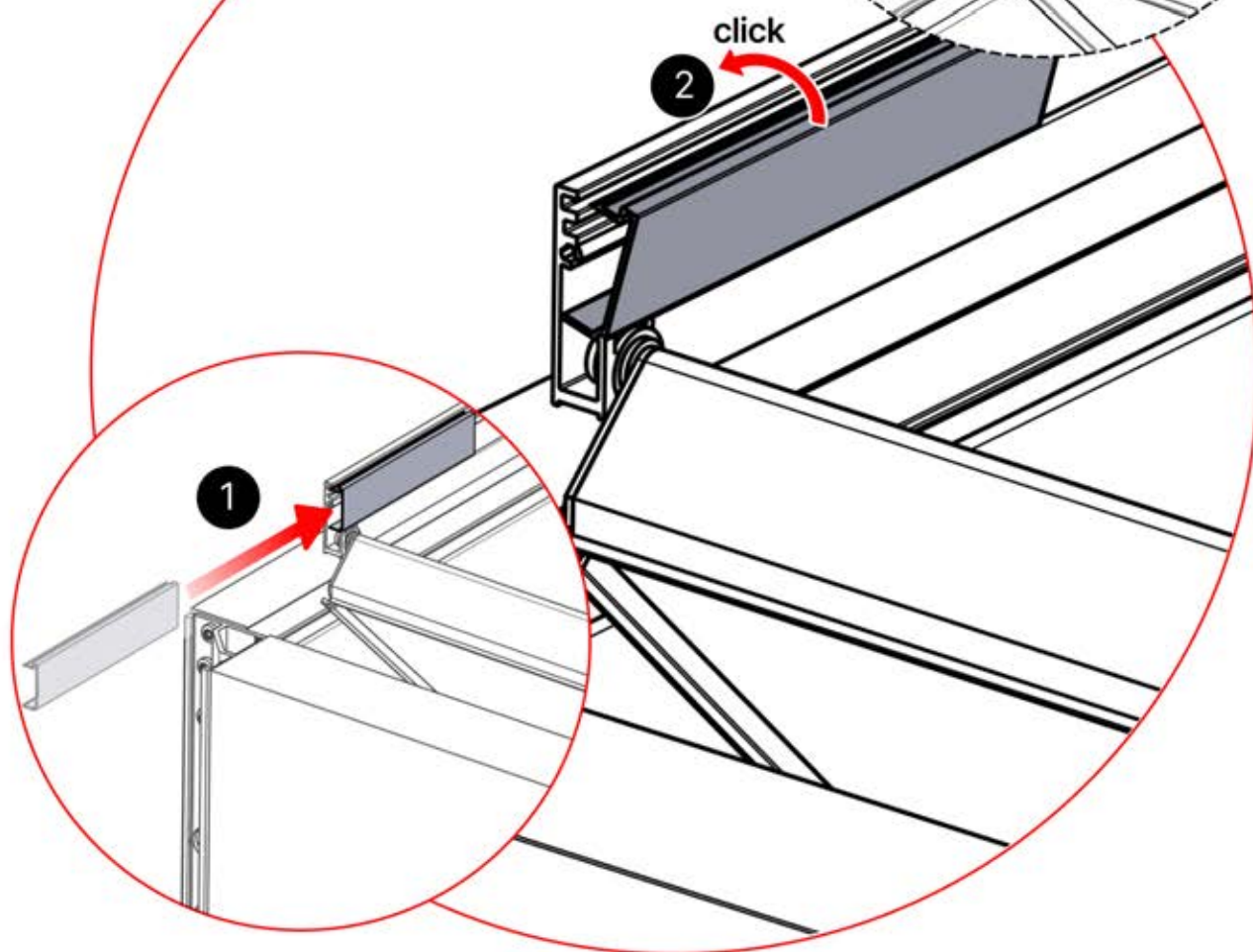
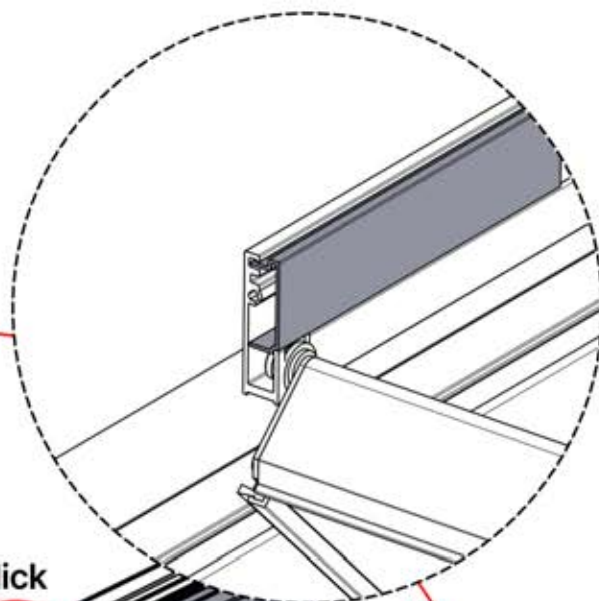
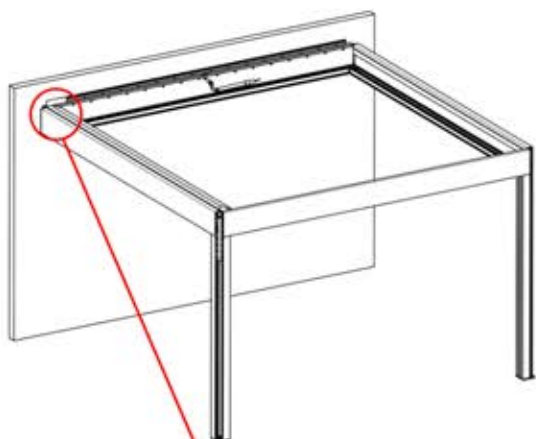
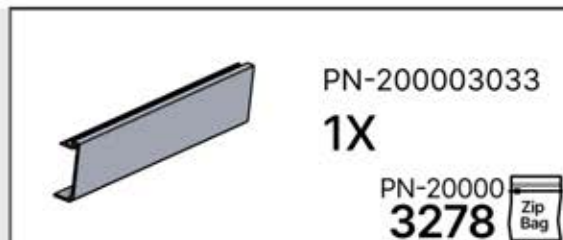
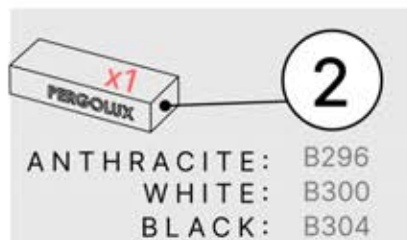


PN-200002363

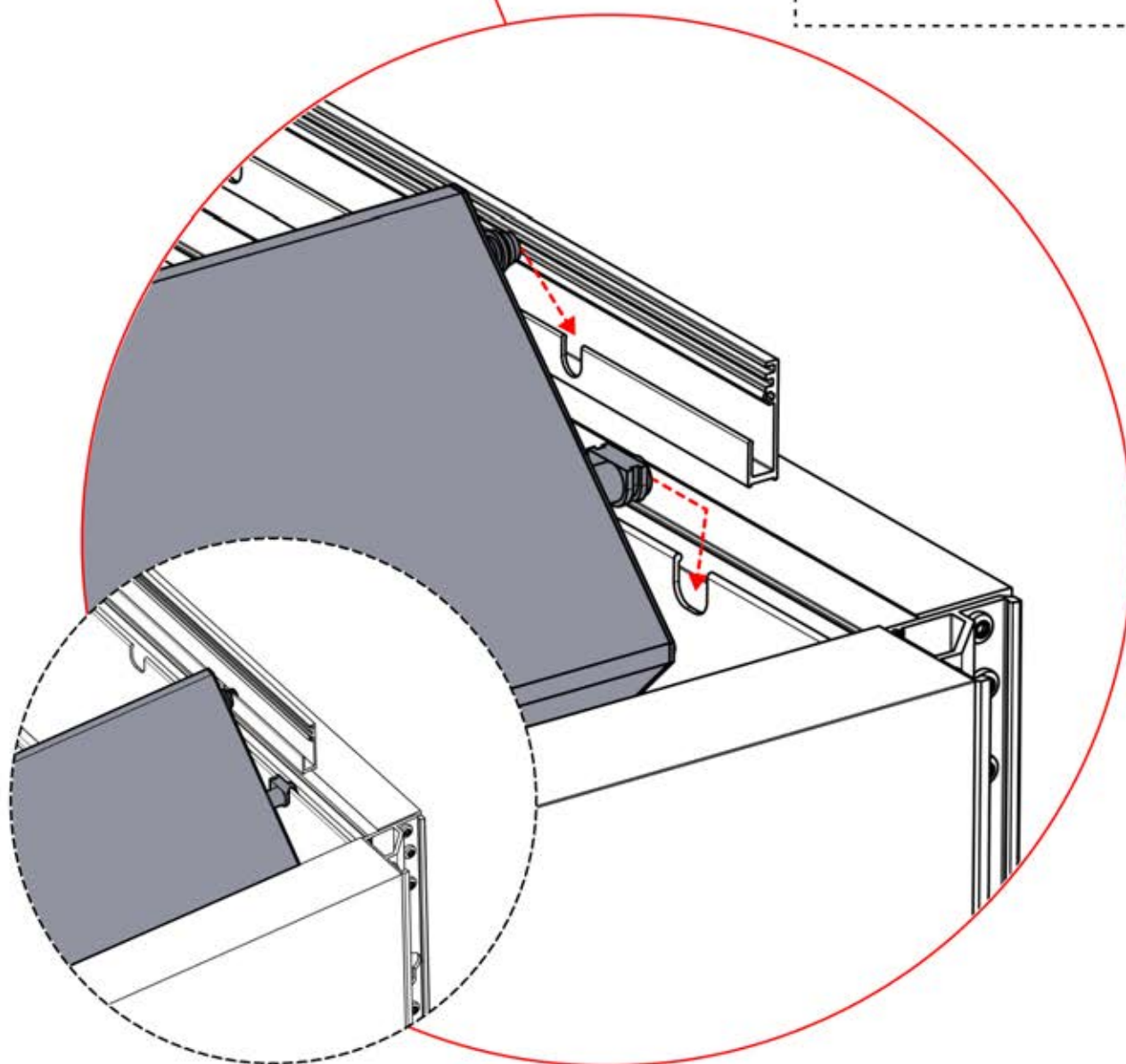
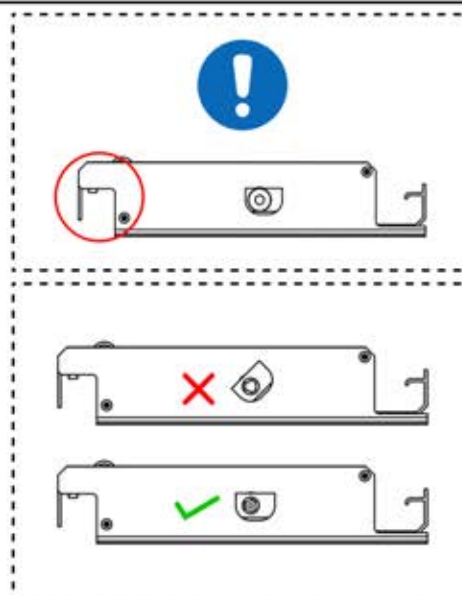
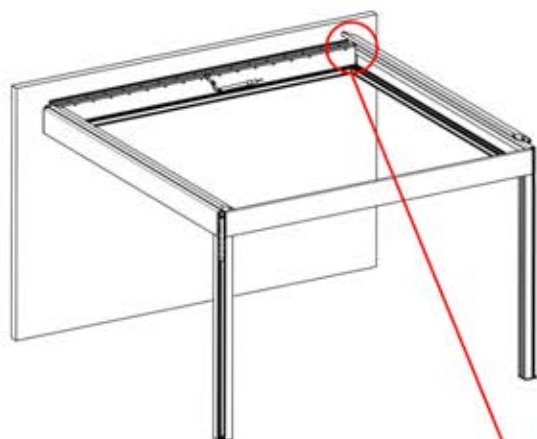
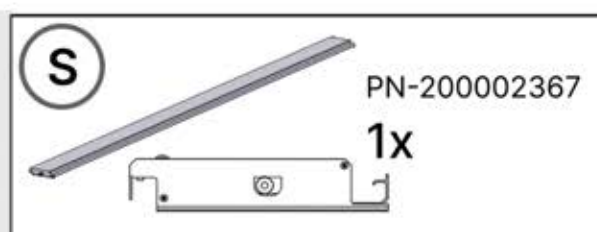
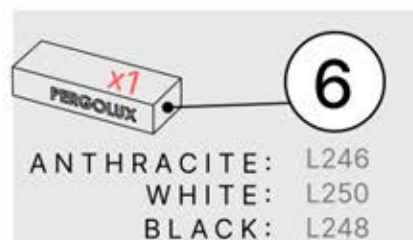
1x



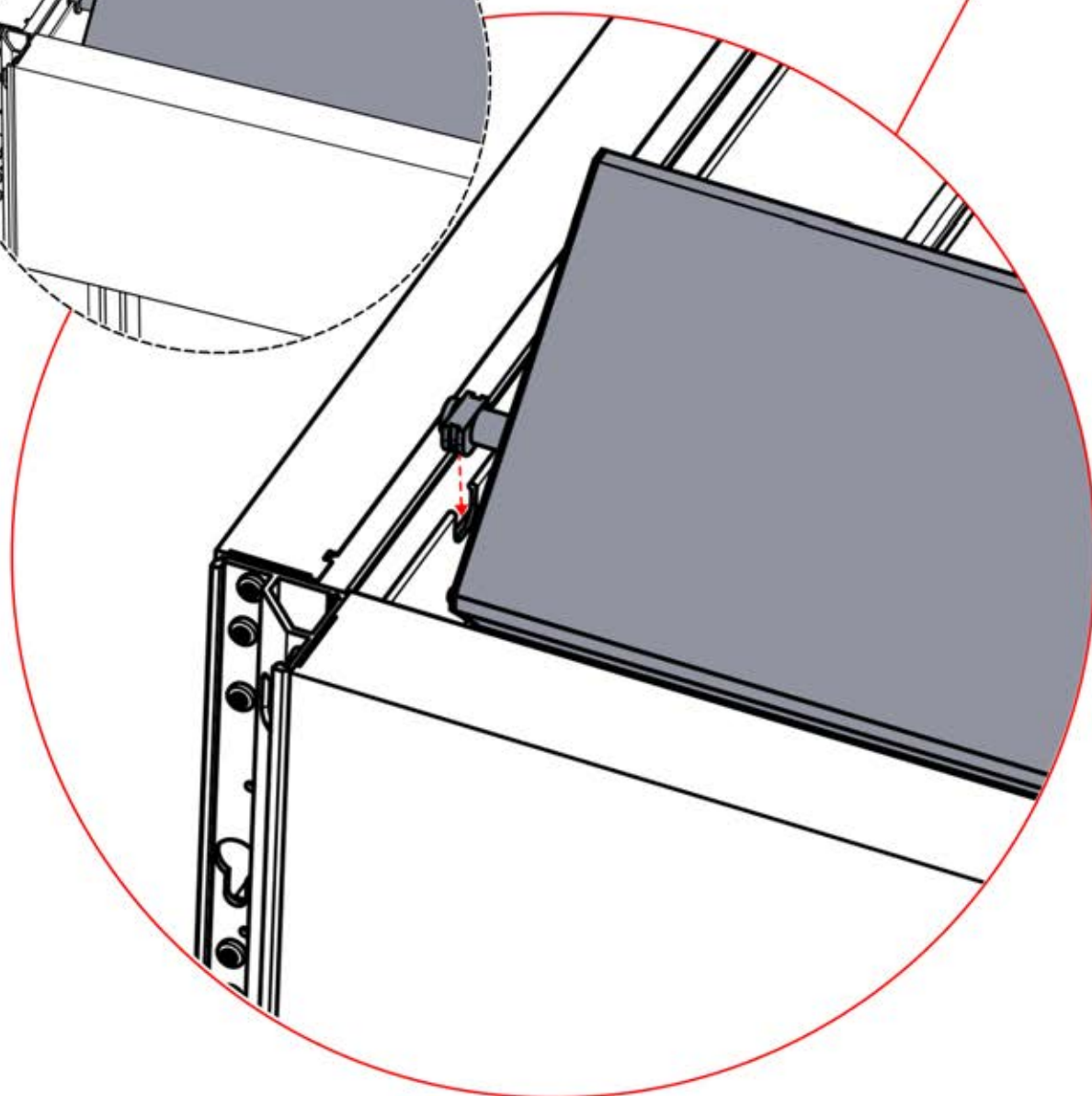
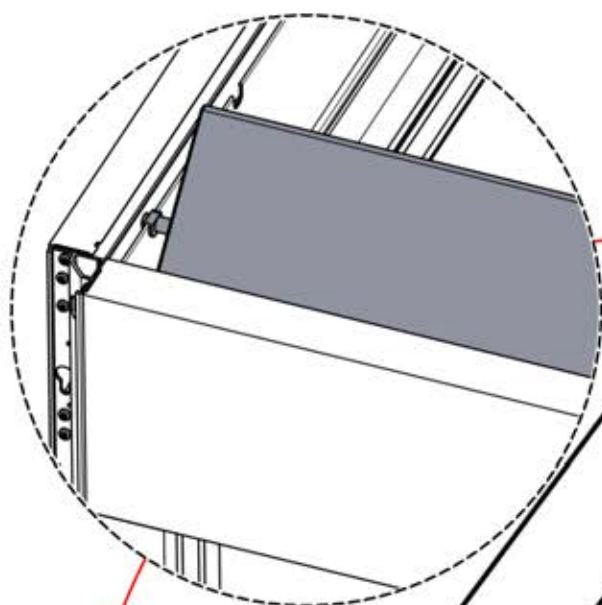
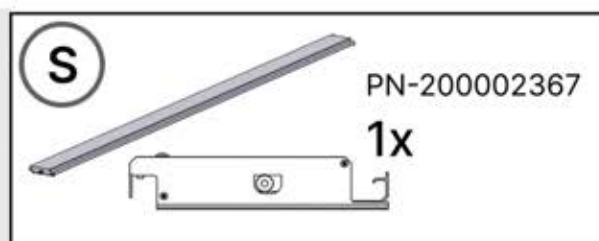
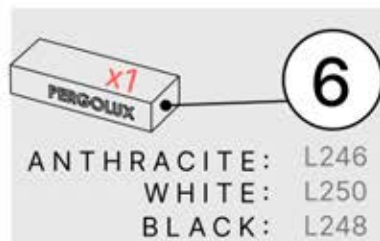
59



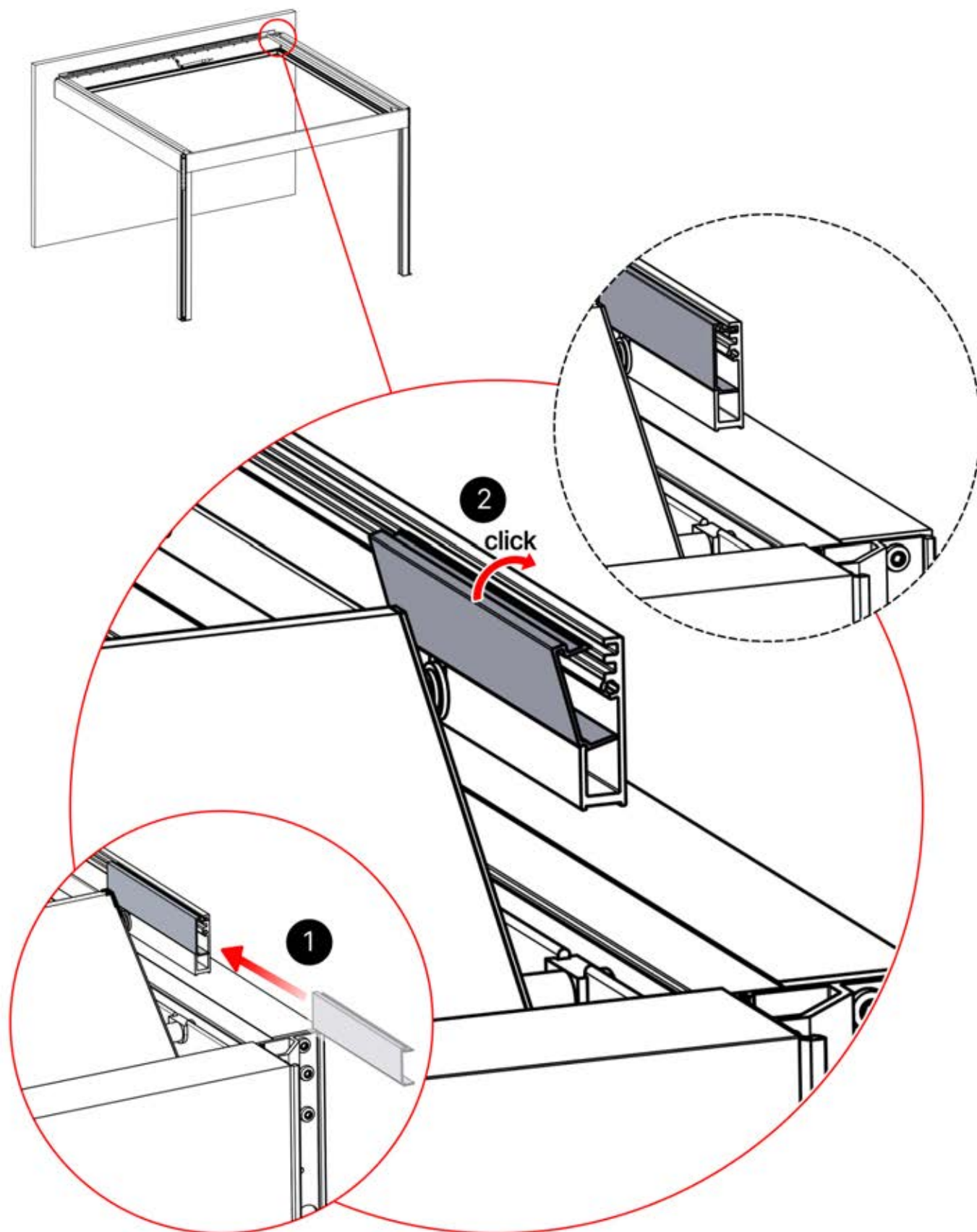
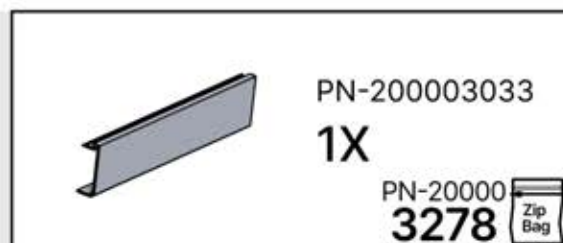
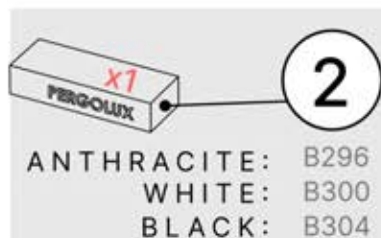
60



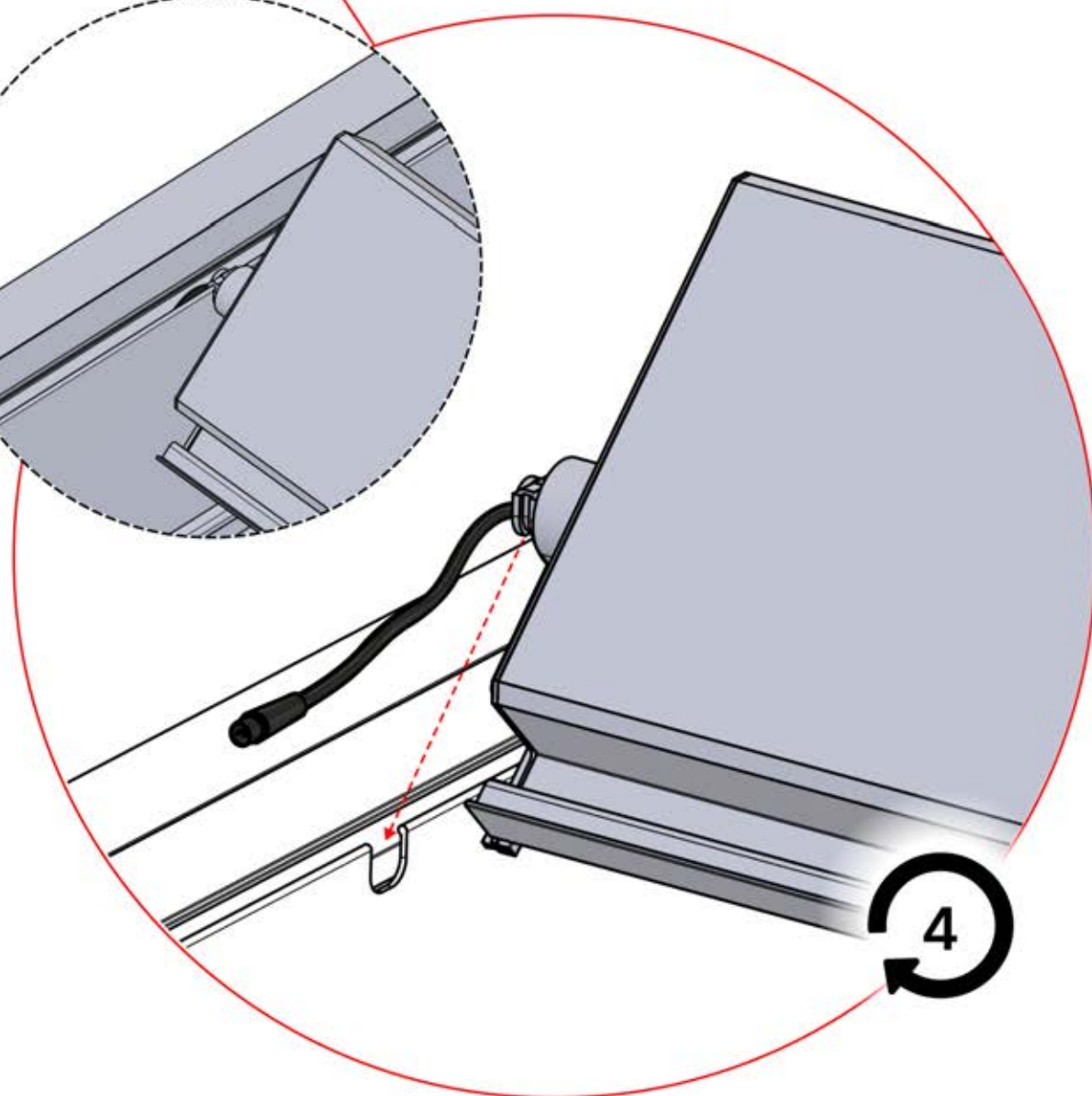
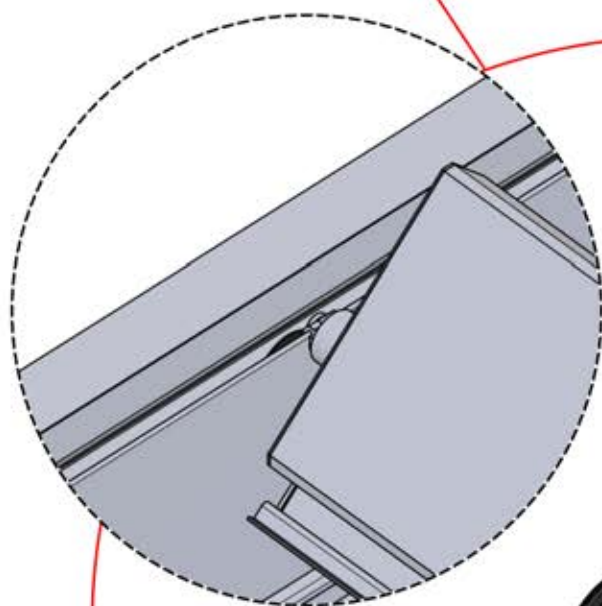
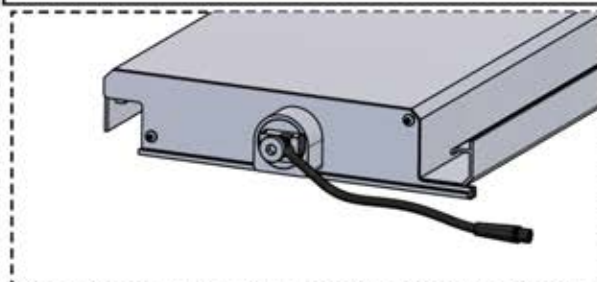
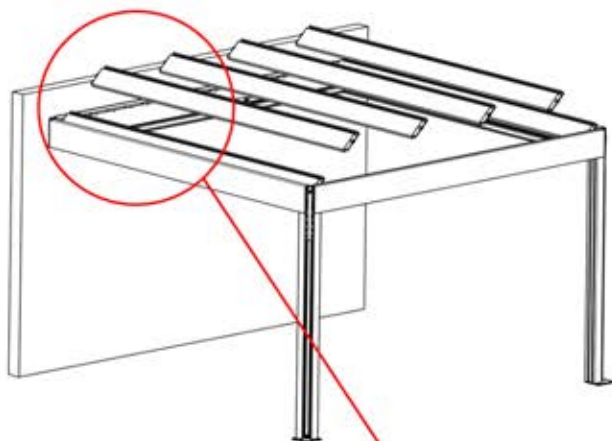
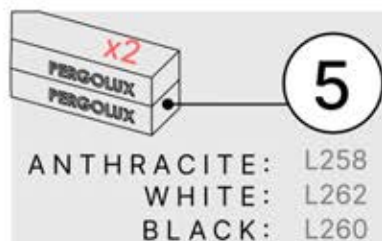
61

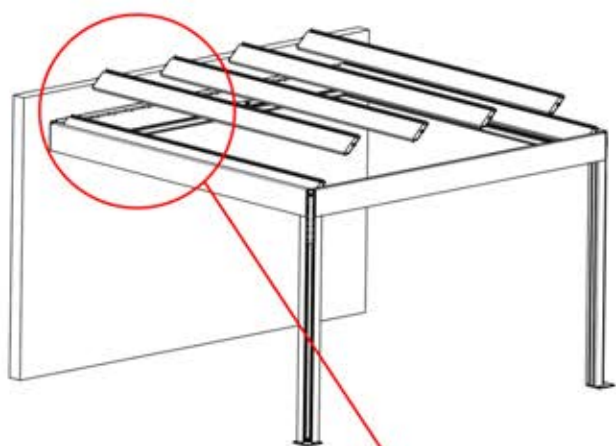


62

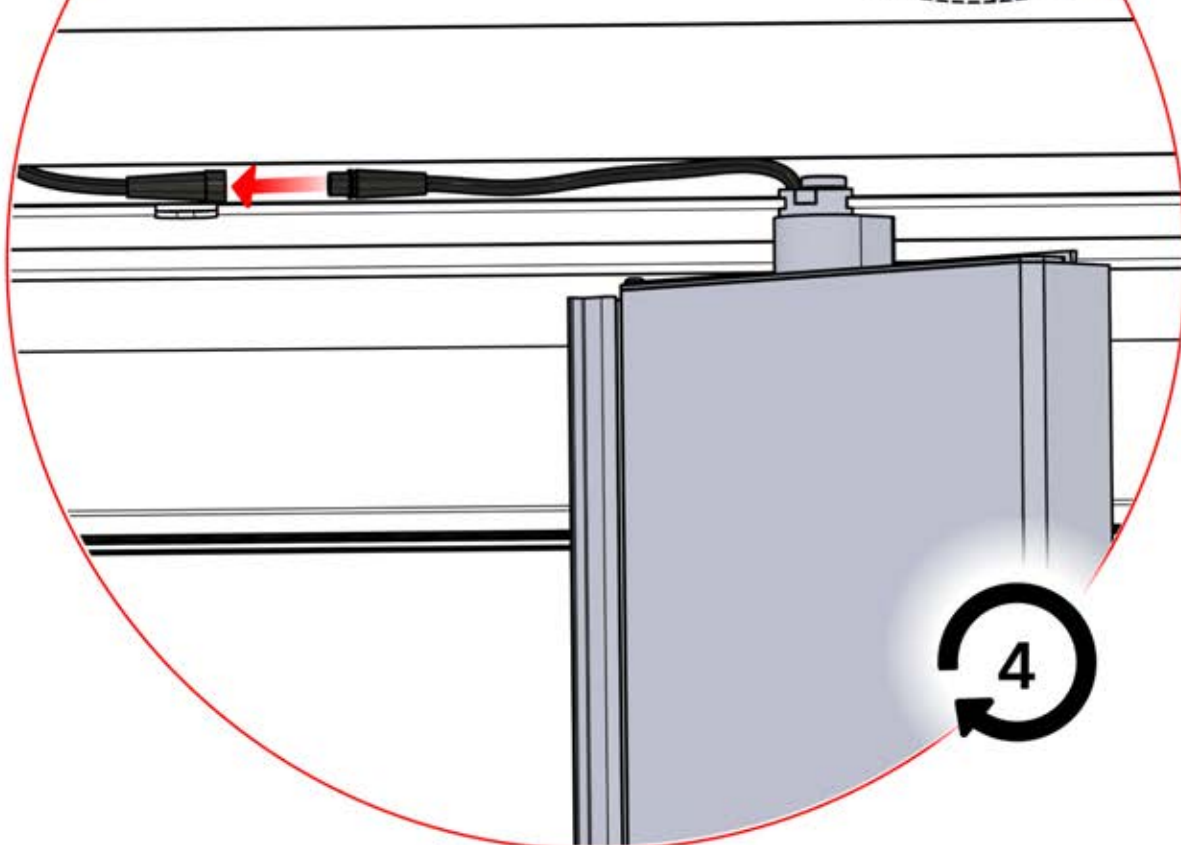
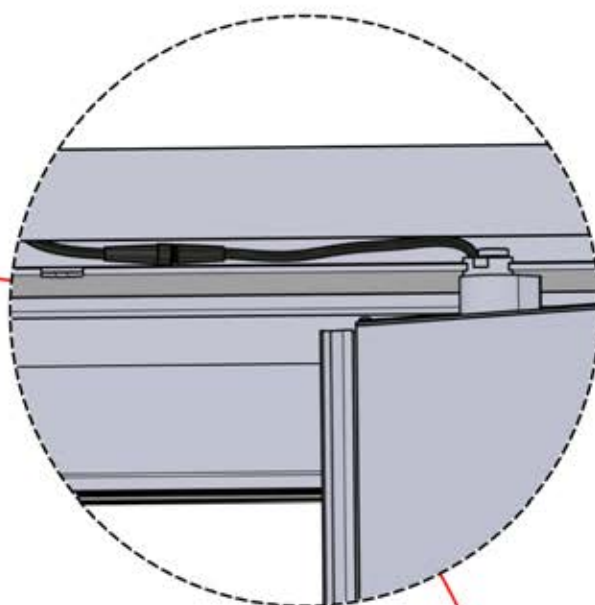


63

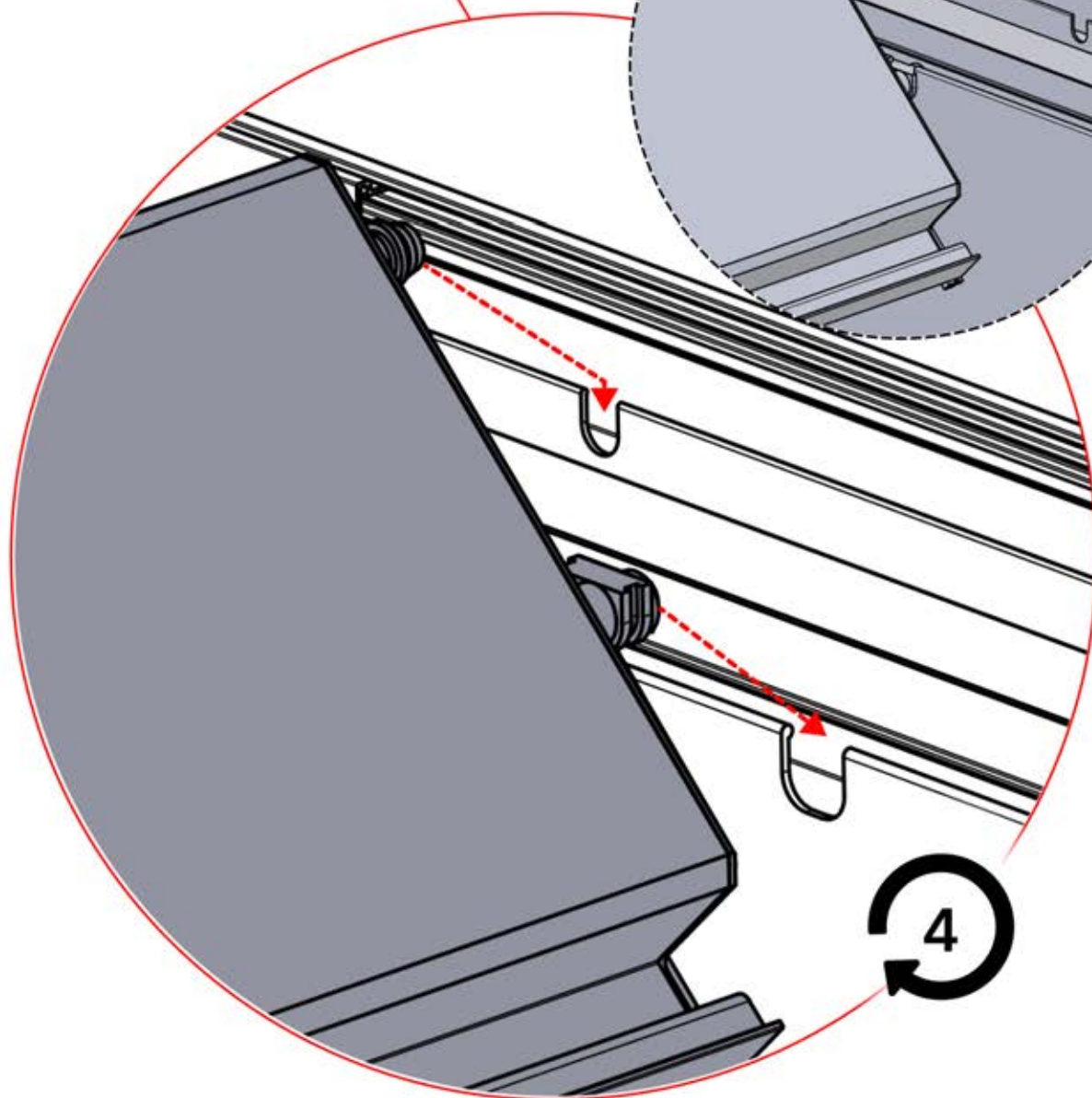
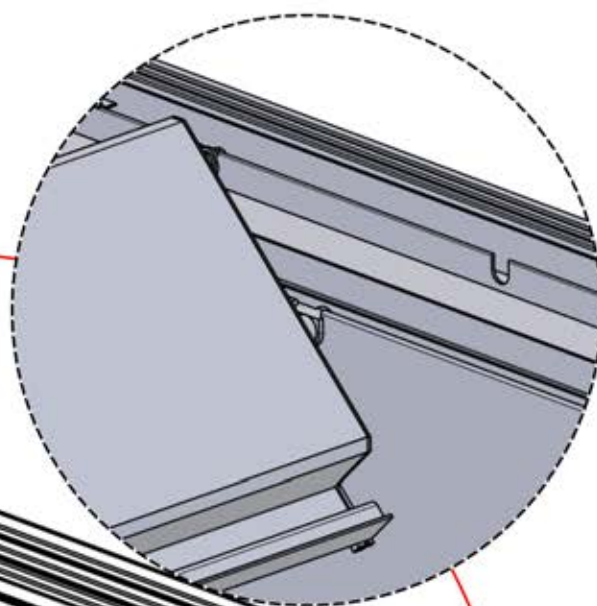
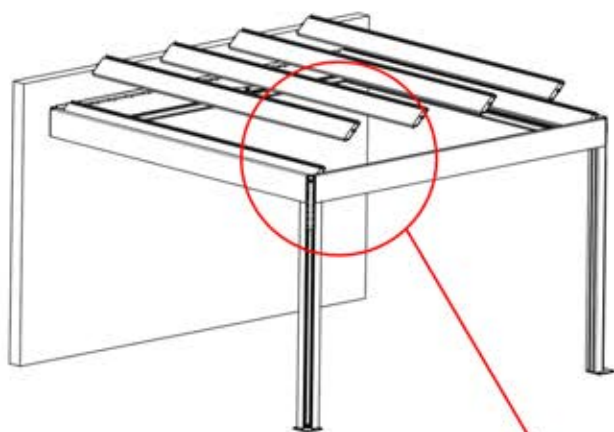
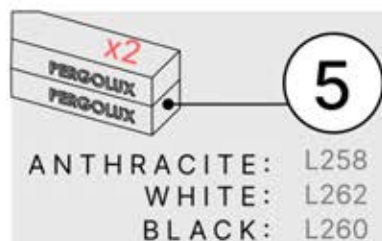




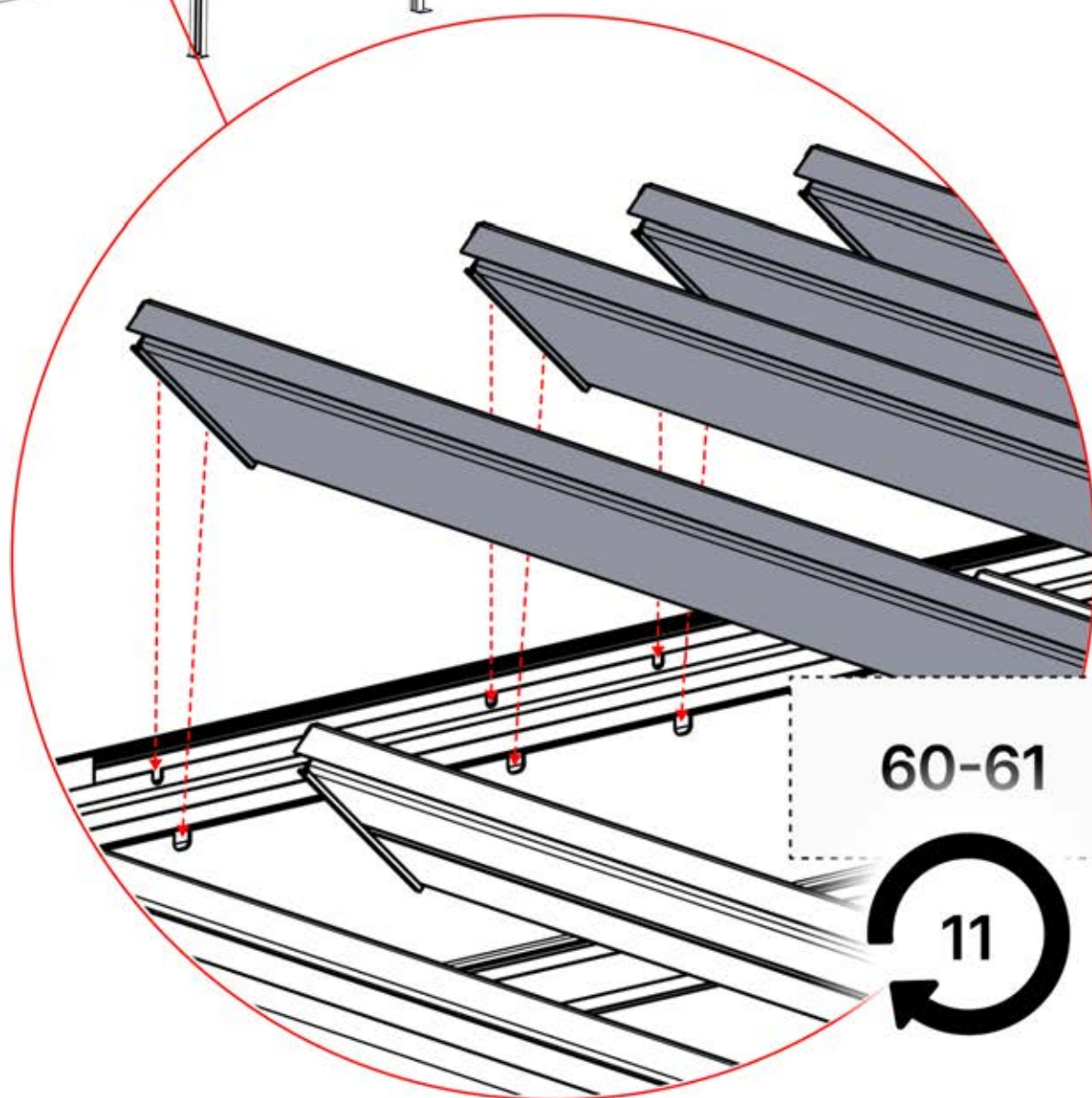
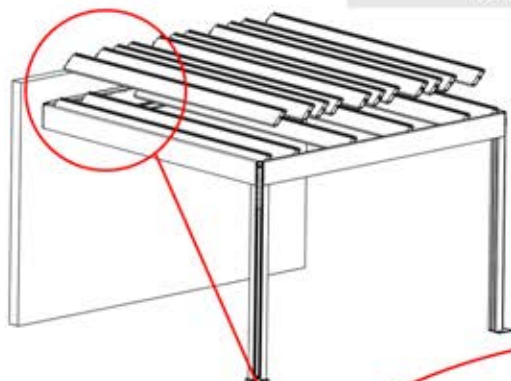
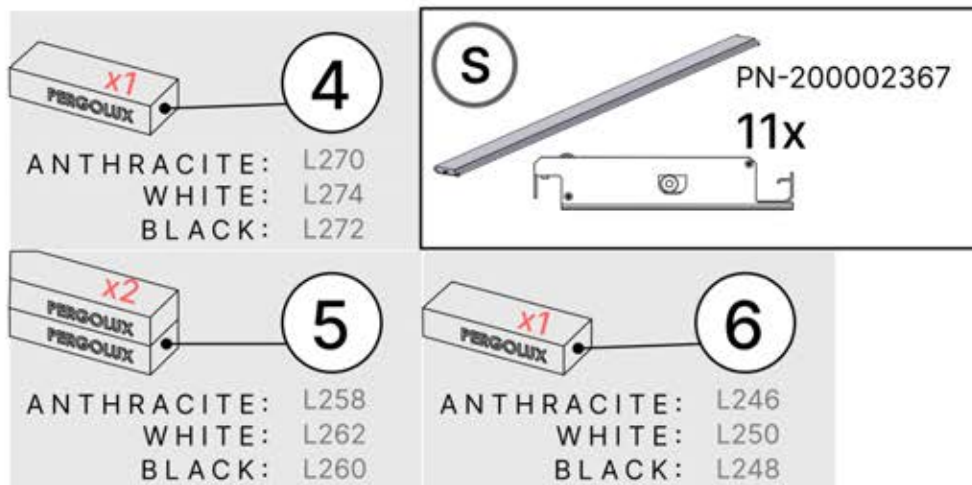
!
Connect the LED
cable to the 4-pin LED
wire



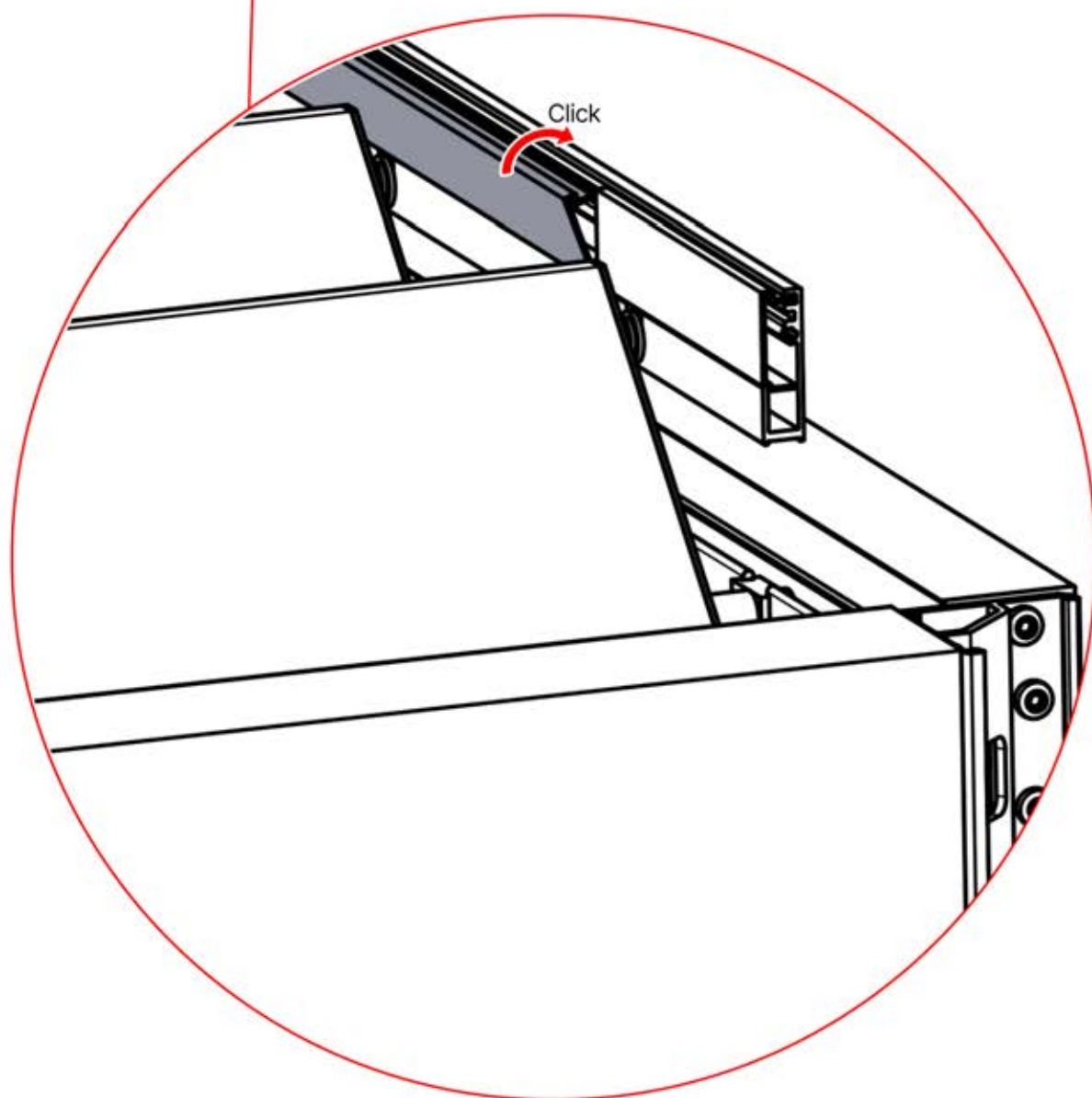
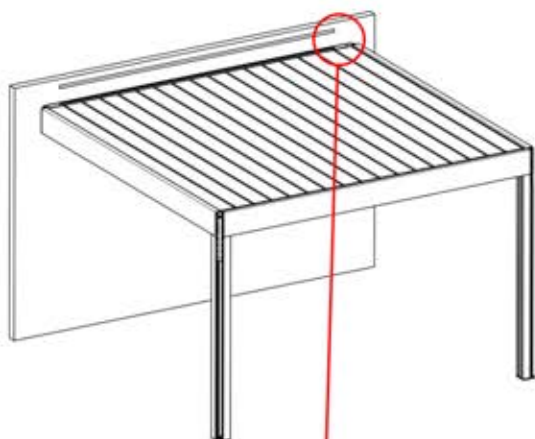
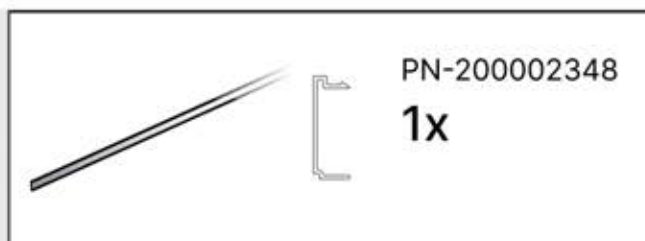
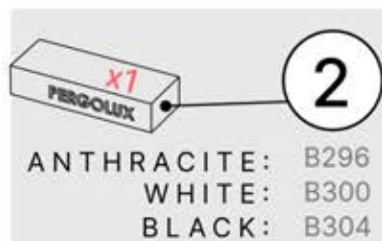
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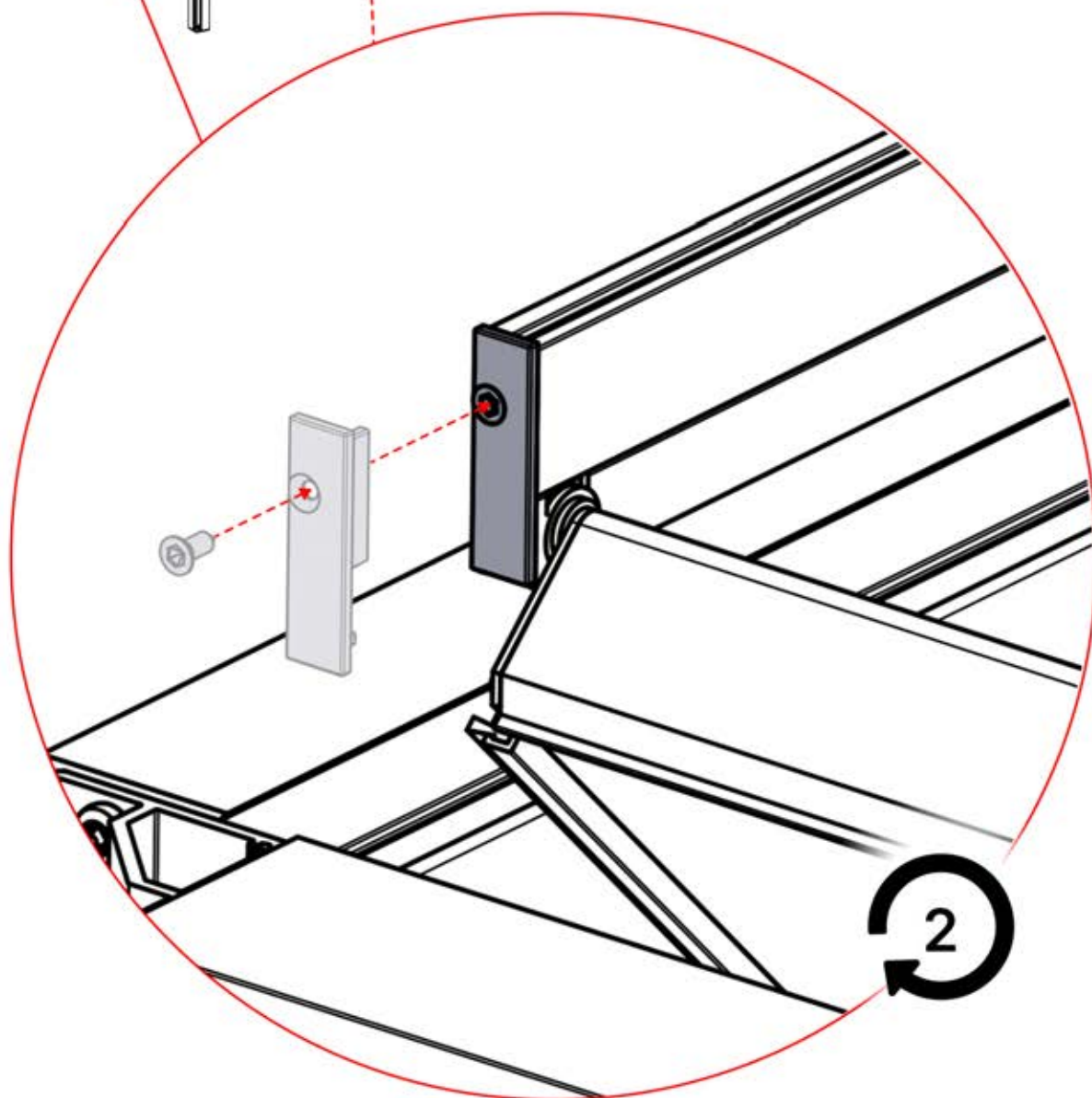
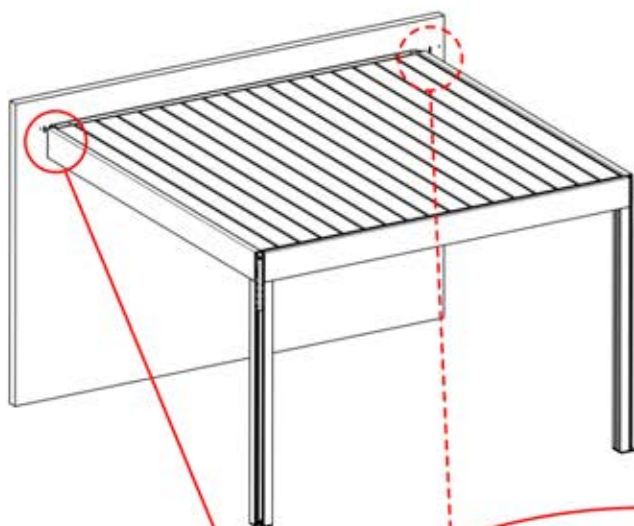
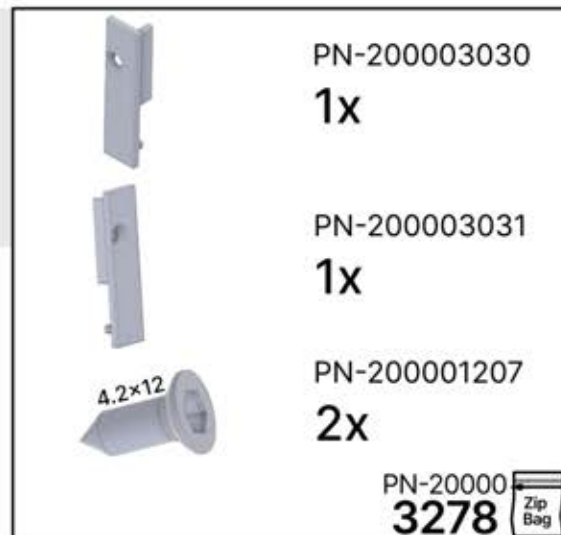
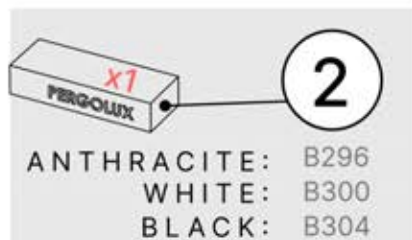
66



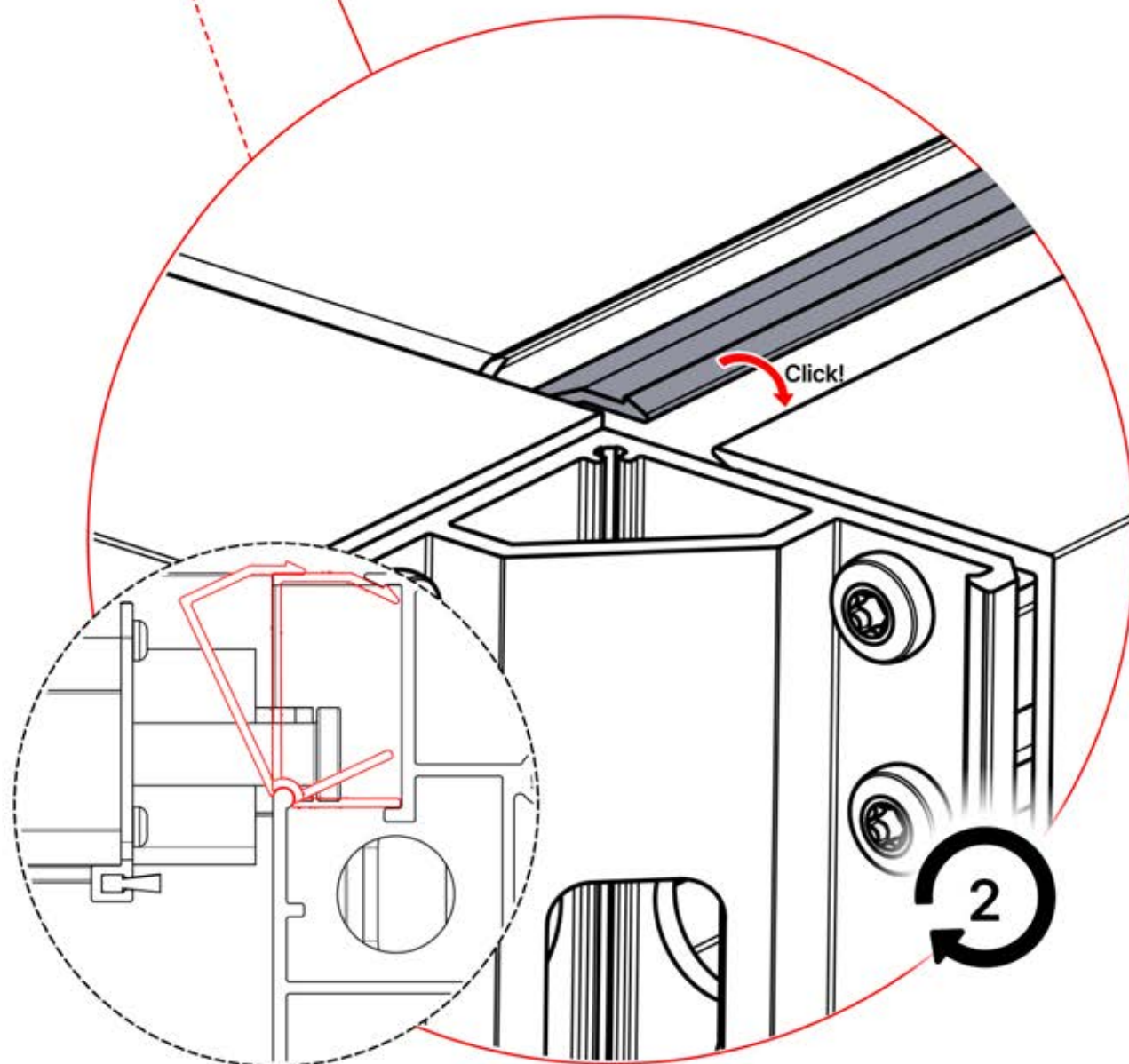
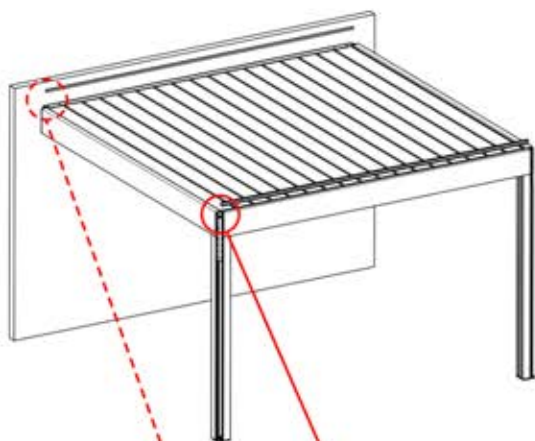
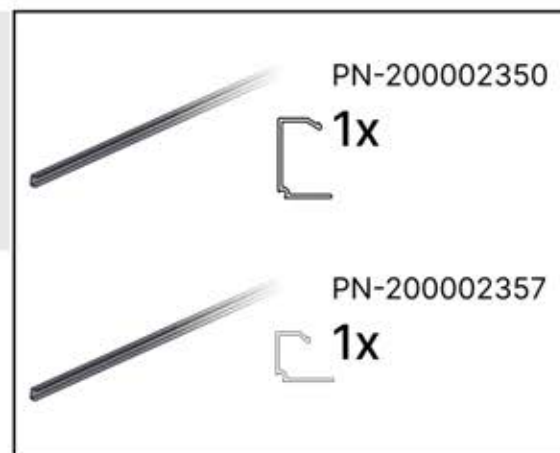
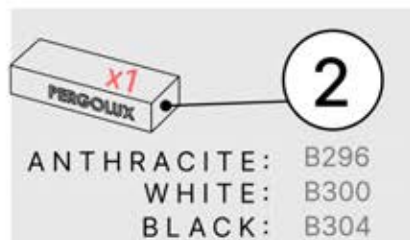
67



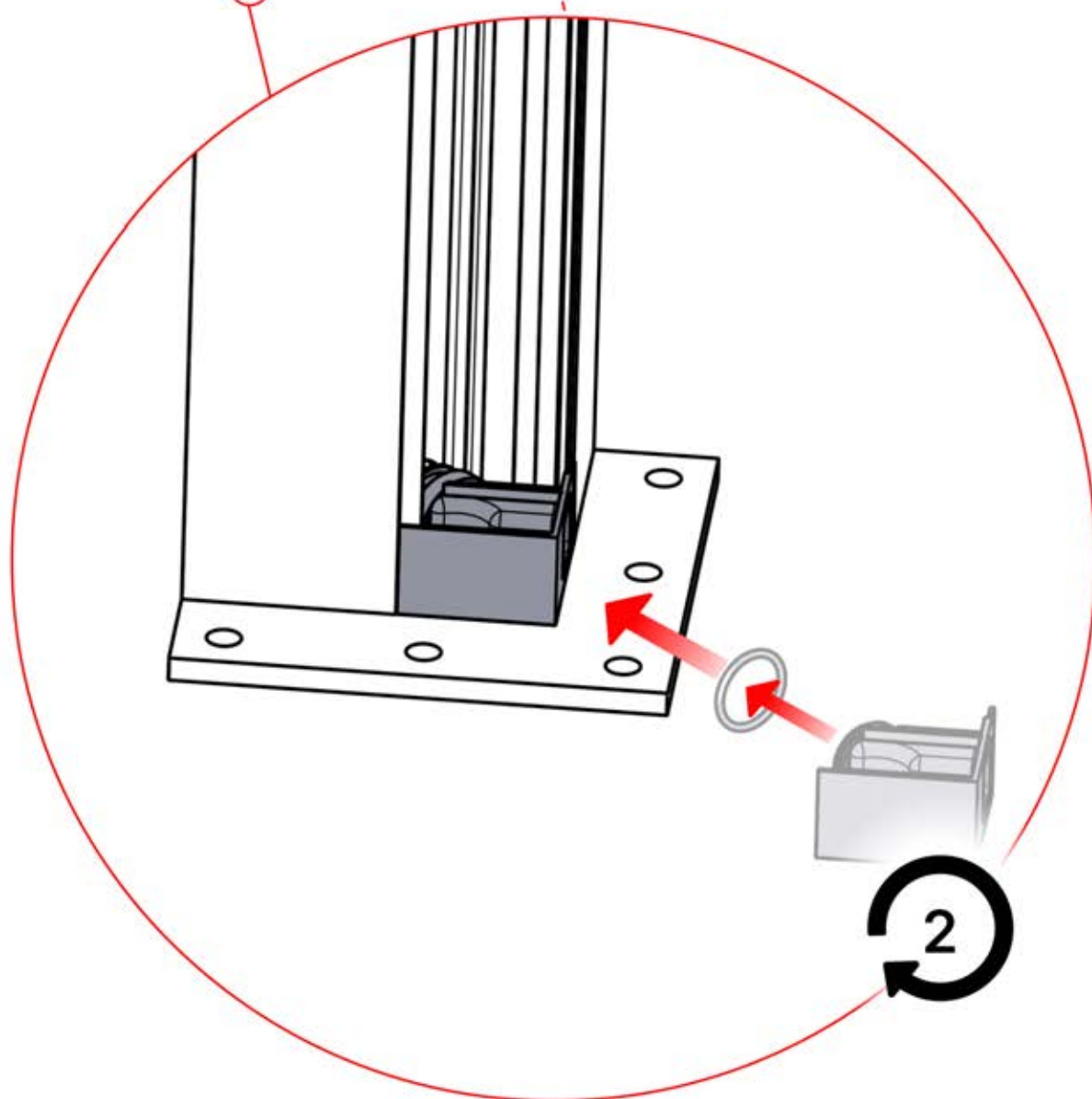
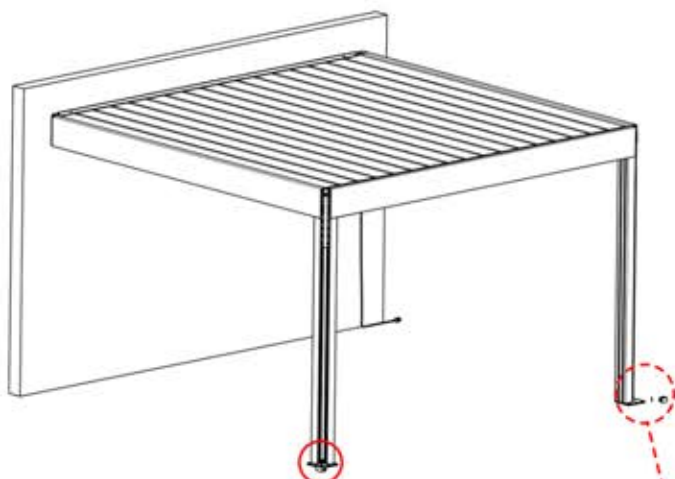
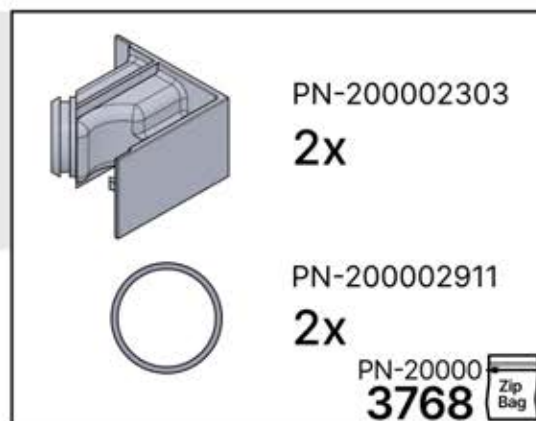
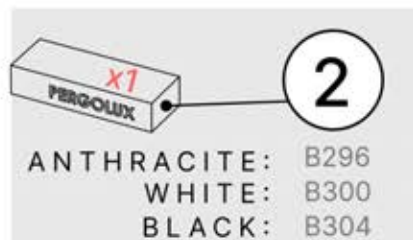
68



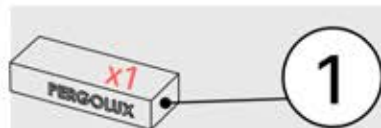
69



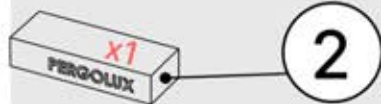
70



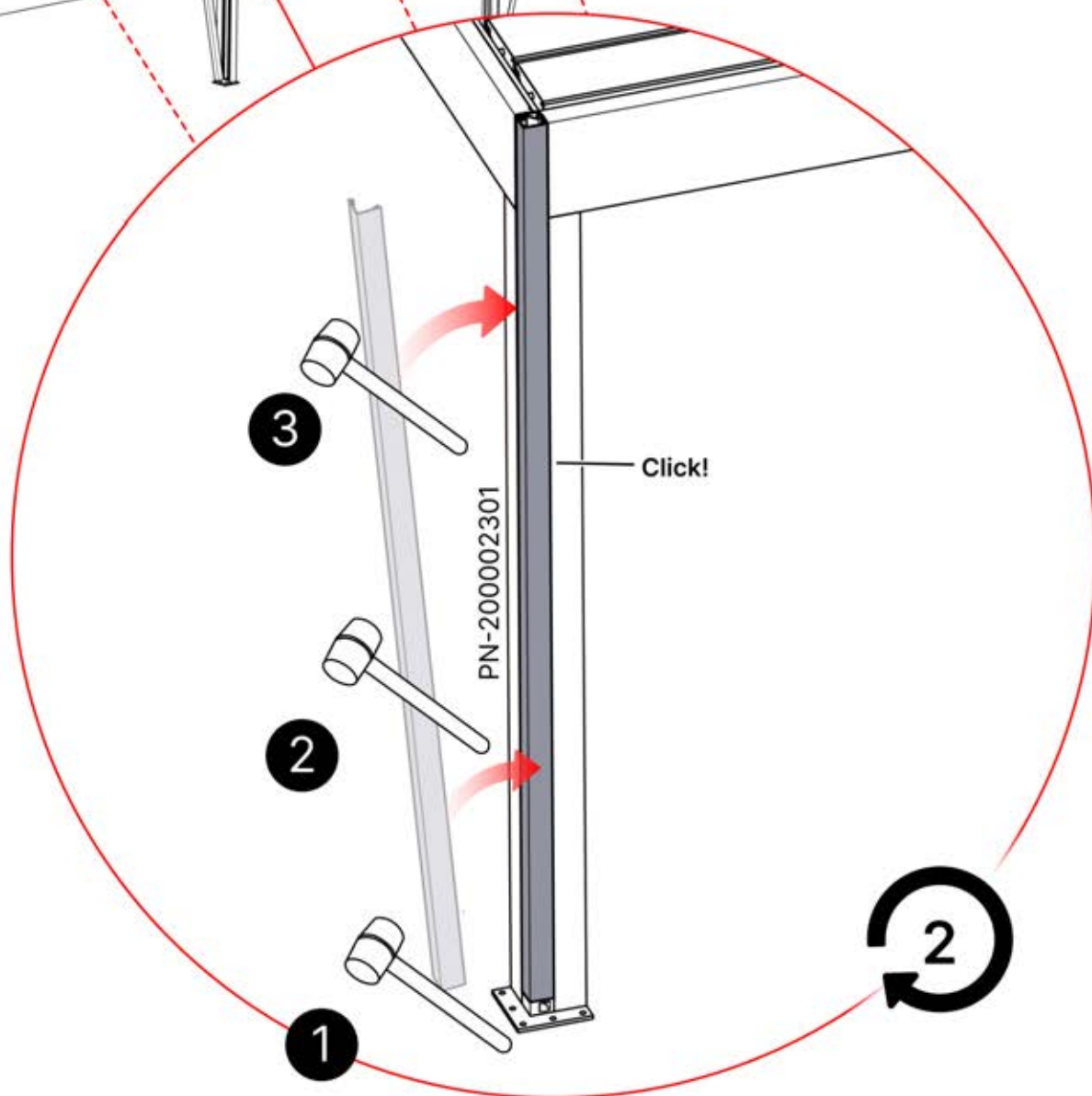
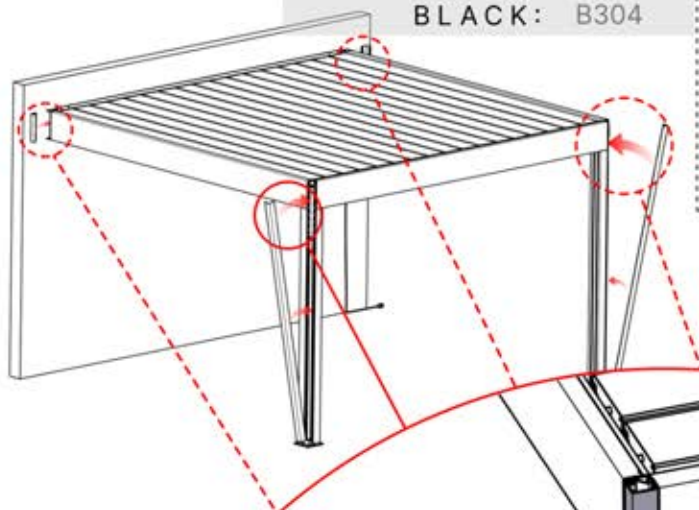
71



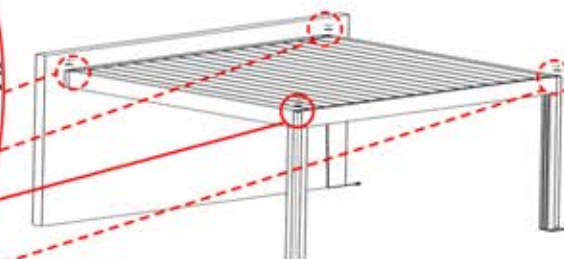
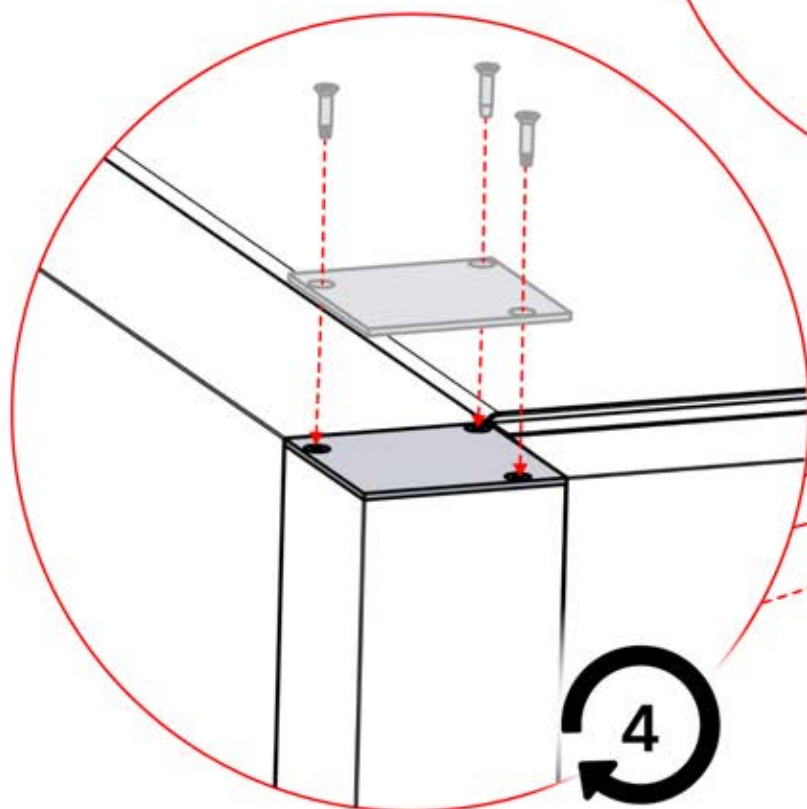
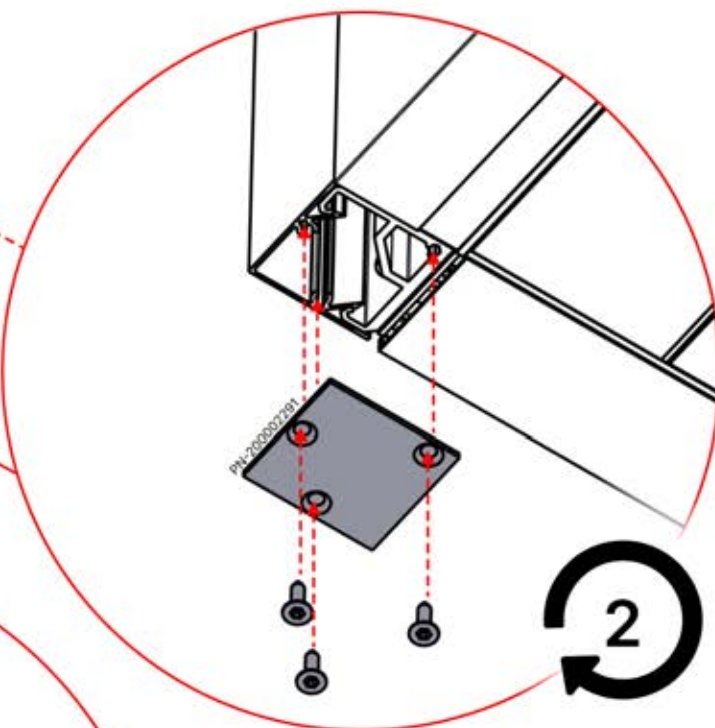
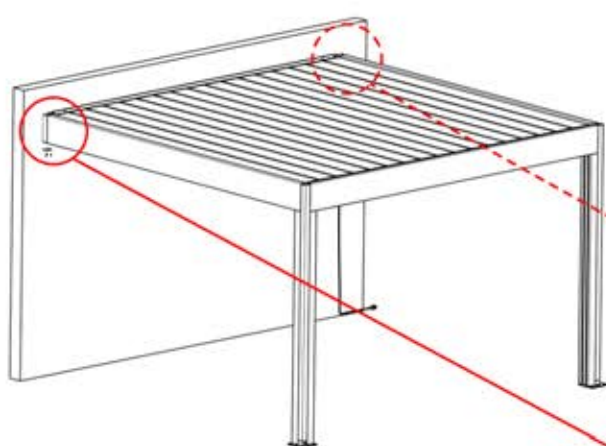
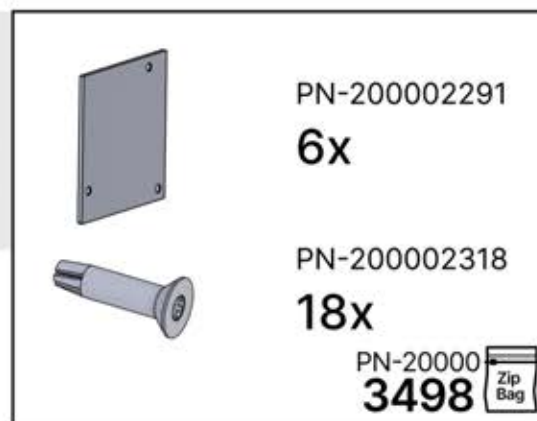
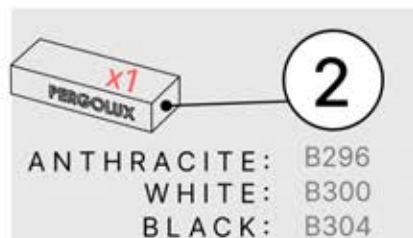
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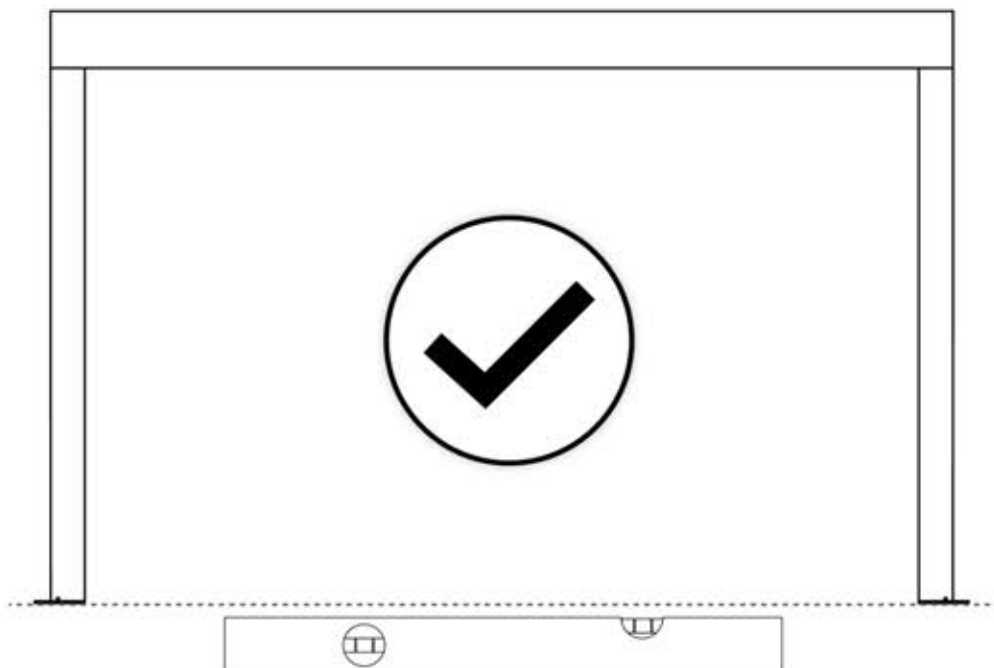
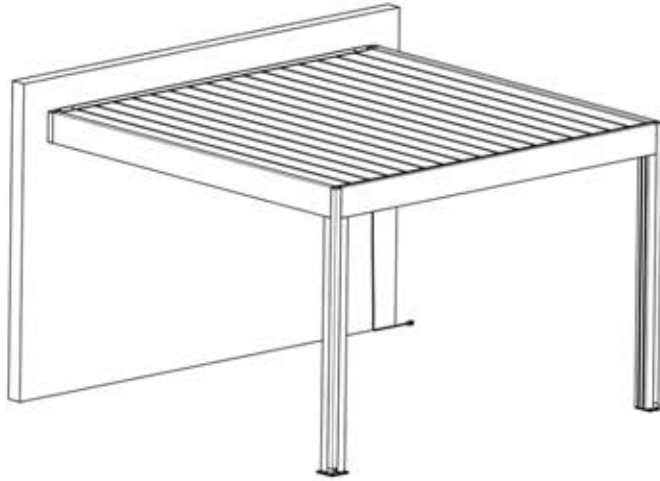
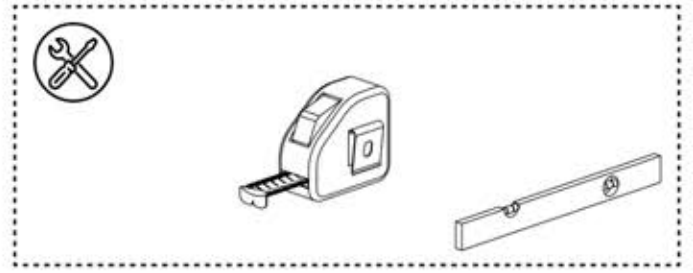
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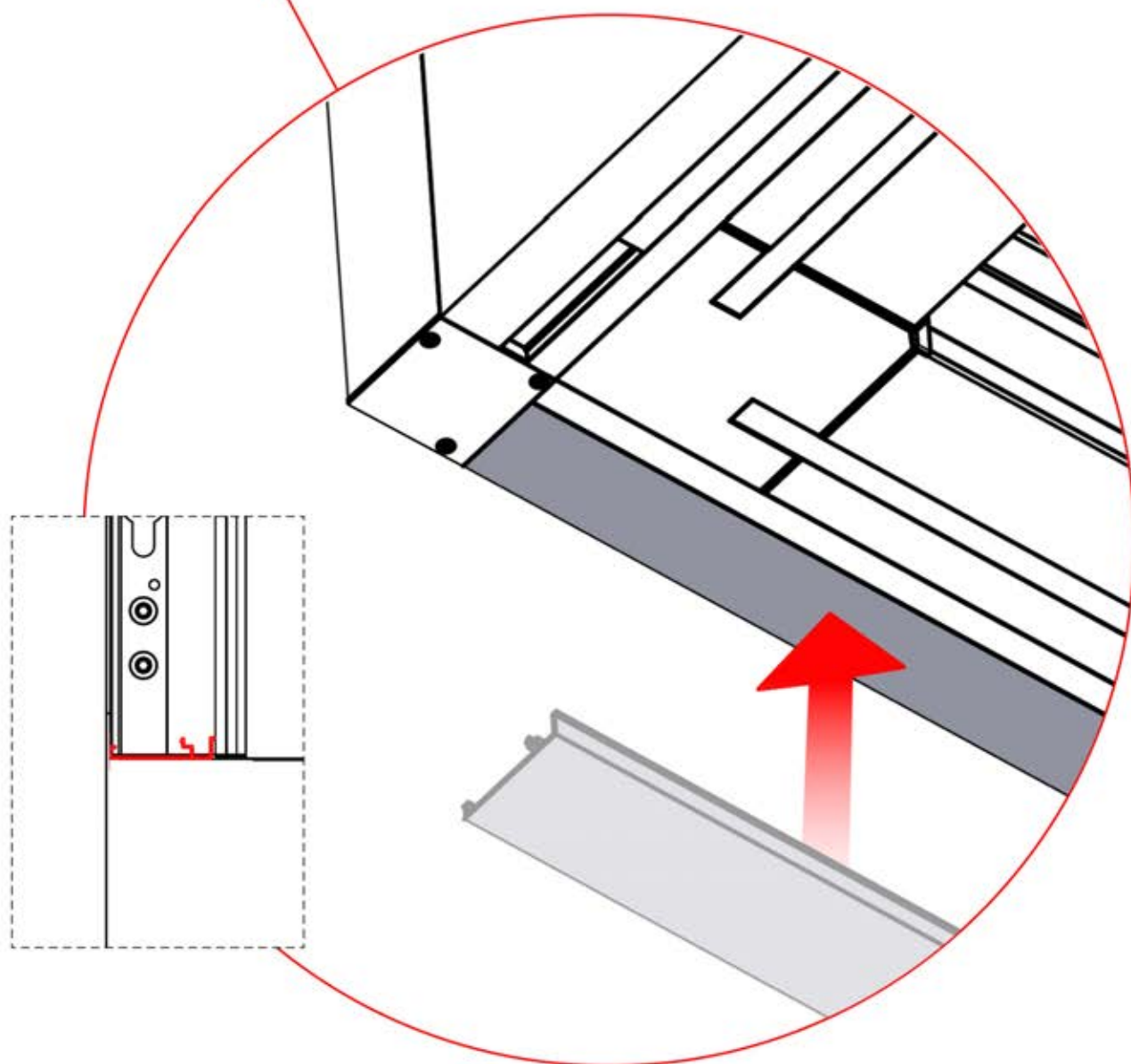
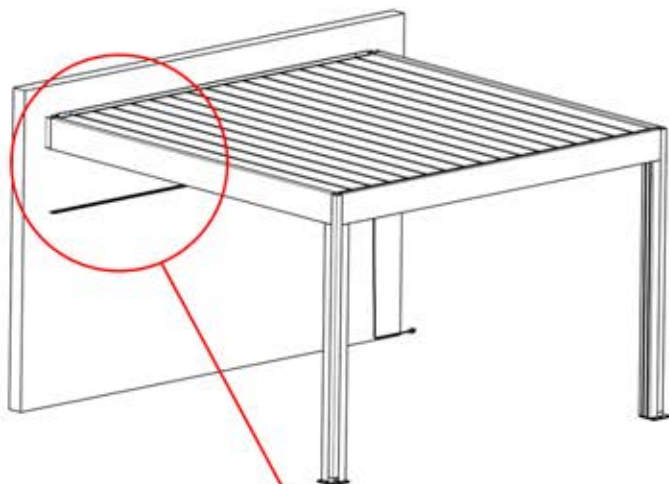
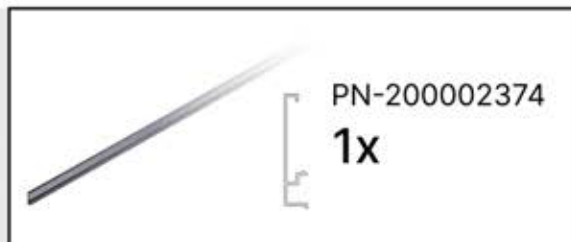


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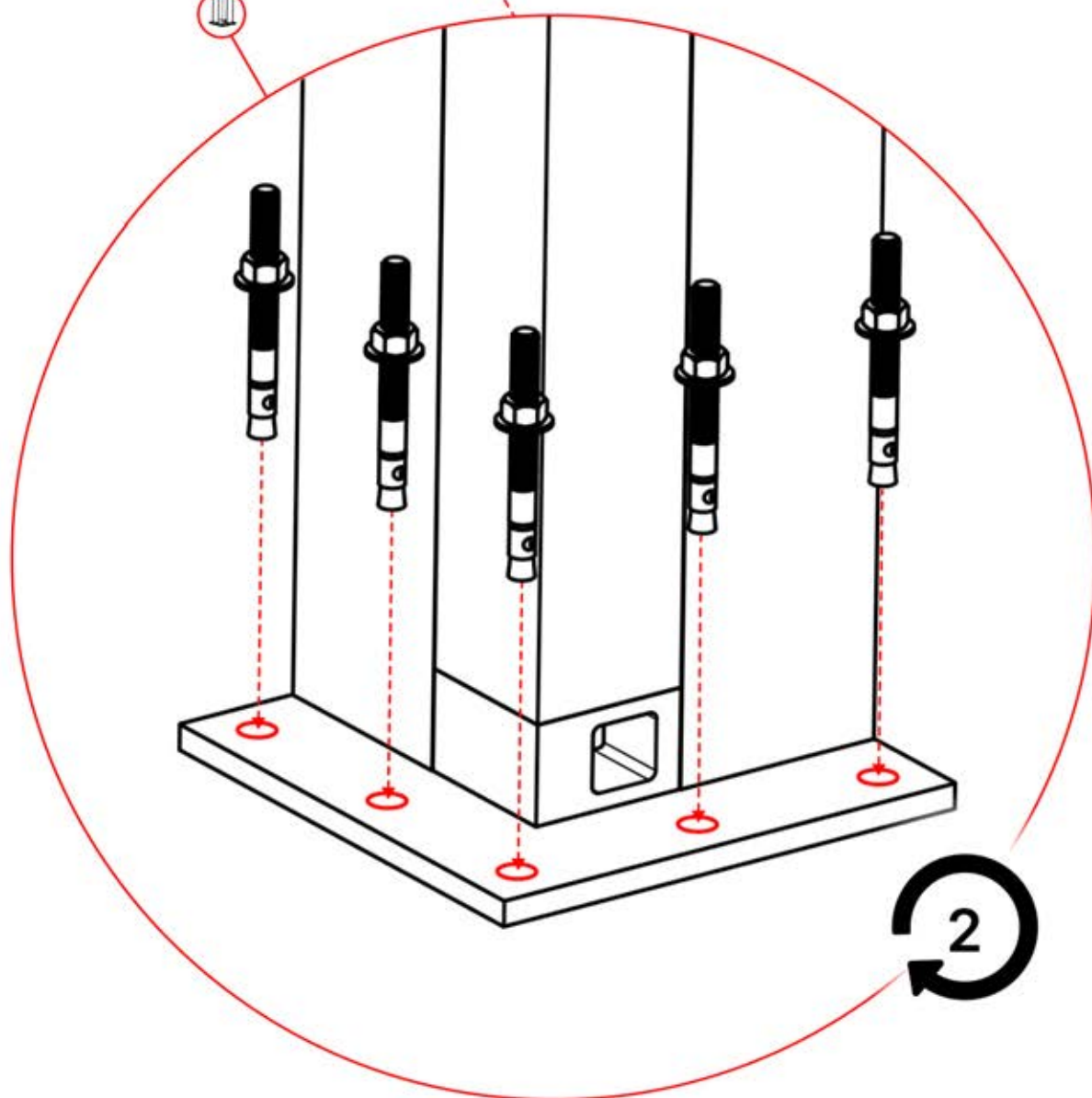
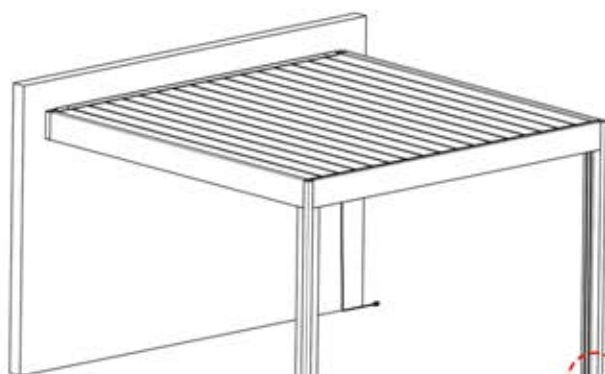
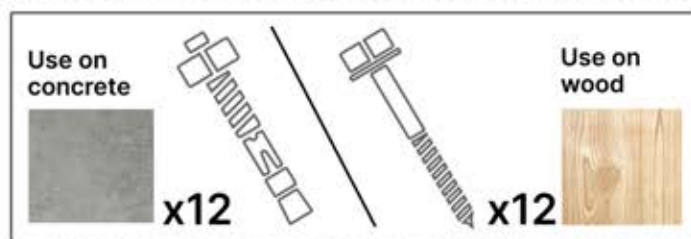


2

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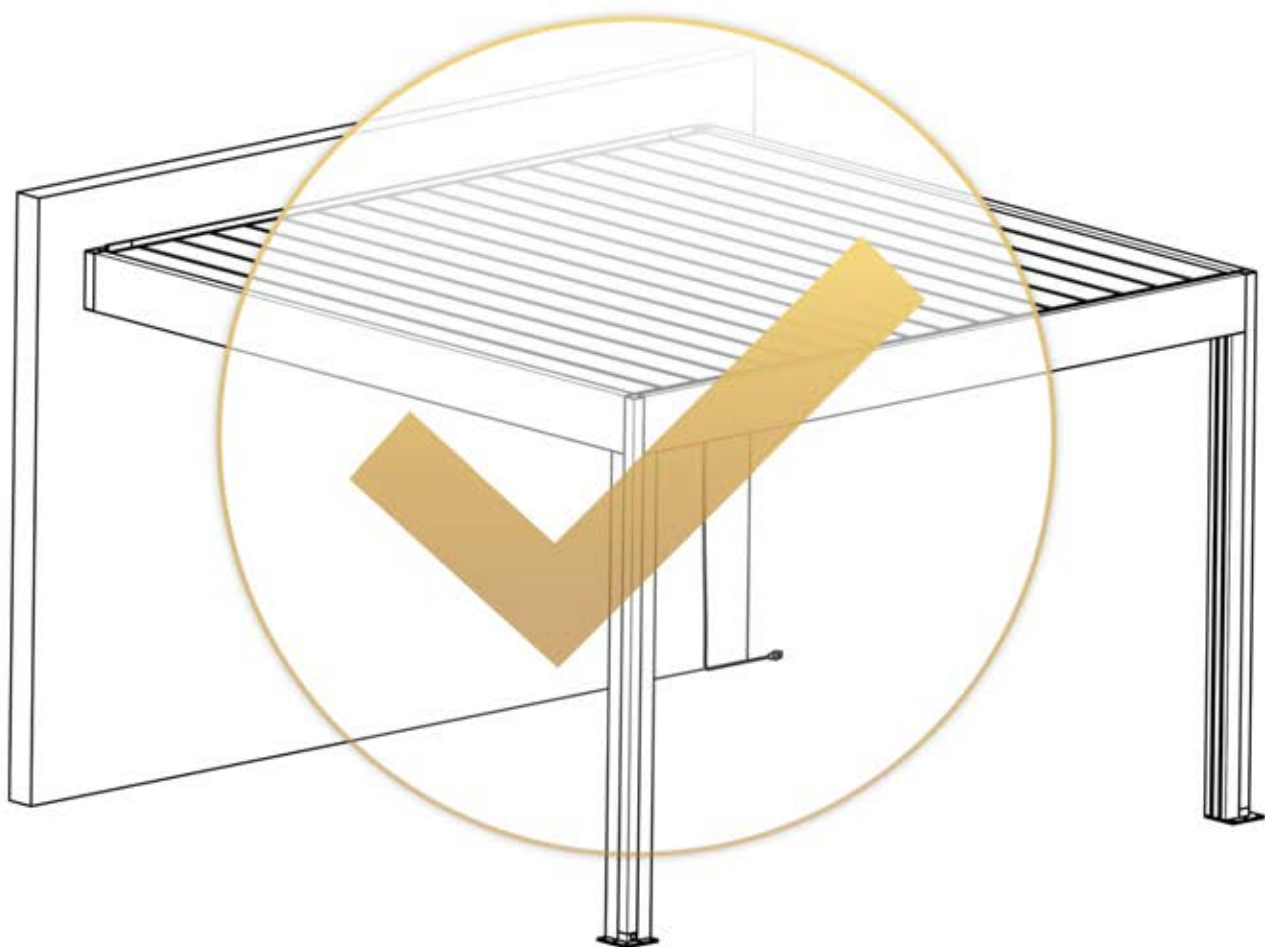


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