

Pergola
PRO
MAX+

PERGOLA

PRO MAX+



3x5m/10'x16'
FREESTANDING

PERGOLUX



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678



INFORMATION



INSTALLATION INSTRUCTIONS:

Ensure all parts are present and undamaged before starting the assembly.

Secure to a solid foundation with the correct fasteners for your foundation.

(If applicable) Install motors and wiring as shown. Ensure the electrical components are powered off during installation.

Use the correct lifting and installation equipment.

SAFETY WARNINGS:

Keep children and pets away during installation.

Do not operate the structure if parts are loose or improperly installed.

Ensure the structure is securely anchored to prevent accidents.

Do not insert fingers or any objects between the louvres.

MAINTENANCE:

Regularly clean the aluminum structure to maintain its appearance and prevent the accumulation of dirt.

Also, make sure to clean the gutters regularly. Inspect moving parts for wear and lubricate as necessary.

Check anchor points periodically to ensure stability.



INSTALLATIONSANLEITUNG:

Stellen Sie sicher, dass alle Teile vorhanden und unbeschädigt sind, bevor Sie mit der Montage beginnen.

Befestigen Sie sie mit den richtigen Befestigungselementen für Ihr Fundament auf einem soliden Fundament.

(Falls zutreffend) Installieren Sie Motoren und Verkabelung wie gezeigt. Stellen Sie sicher, dass die elektrischen Teile während der Installation ausgeschaltet sind.

Verwenden Sie die richtige Hebe- und Installationsausrüstung.

SICHERHEITSHINWEISE:

Halten Sie Kinder und Haustiere während der Installation fern.

Betreiben Sie die Struktur nicht, wenn Teile lose oder nicht richtig installiert sind.

Stellen Sie sicher, dass die Struktur sicher verankert ist, um Unfälle zu vermeiden.

Stecken Sie keine Finger oder andere Gegenstände zwischen die Lamellen.

WARTUNG:

Reinigen Sie die Aluminiumstruktur regelmäßig, um ihr Aussehen zu erhalten und die Ansammlung von Schmutz zu verhindern.

Reinigen Sie auch die Dachrinnen regelmäßig. Überprüfen Sie bewegliche Teile auf Verschleiß und schmieren Sie sie bei Bedarf.

Überprüfen Sie die Ankerpunkte regelmäßig, um die Stabilität sicherzustellen.



Pergolux GmbH, 9 Goethestraße,
36043 Fulda,
Germany

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DOP-MAX-FSWM-S4

EN 13561:2015

Pergolux Pergola PRO MAX S4
External use in buildings and other
construction works

Resistance to wind loads: Class6(EN13561)

SYMBOL EXPLANATION



Indicates the outside of the pergola structure.



This step may require extra force.



Indicates the inside of the pergola structure.



Key information to follow during installation.



Important! Be cautious when assembling or handling this part.



This item must be purchased separately.



Required tools for assembly.



Apply lubricant to make screw assembly easier.



Ensure grounding is connected before powering up.



Do not use a regular hammer, as it may cause damage.



Align slats according to sunlight direction for optimal shading.



AC Input



Repeat this step as many times as the number indicates



Motor

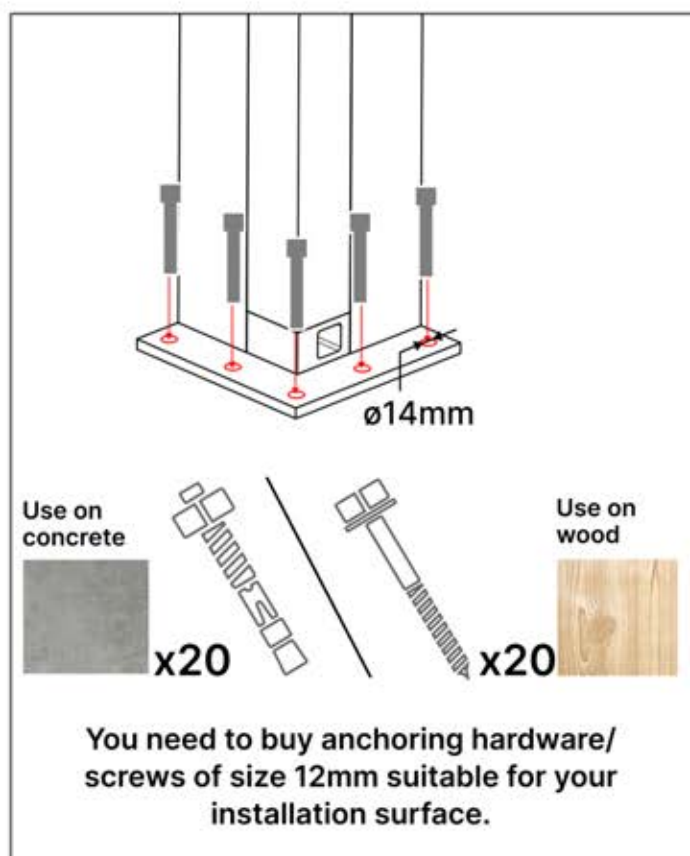


Turn around



Discard

INFORMATION



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

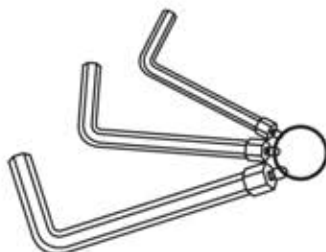
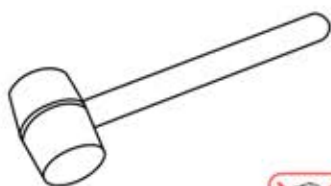
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



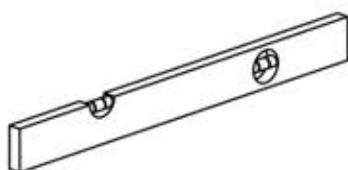
Apply lubricant to make screw assembly easier.



TOOLS

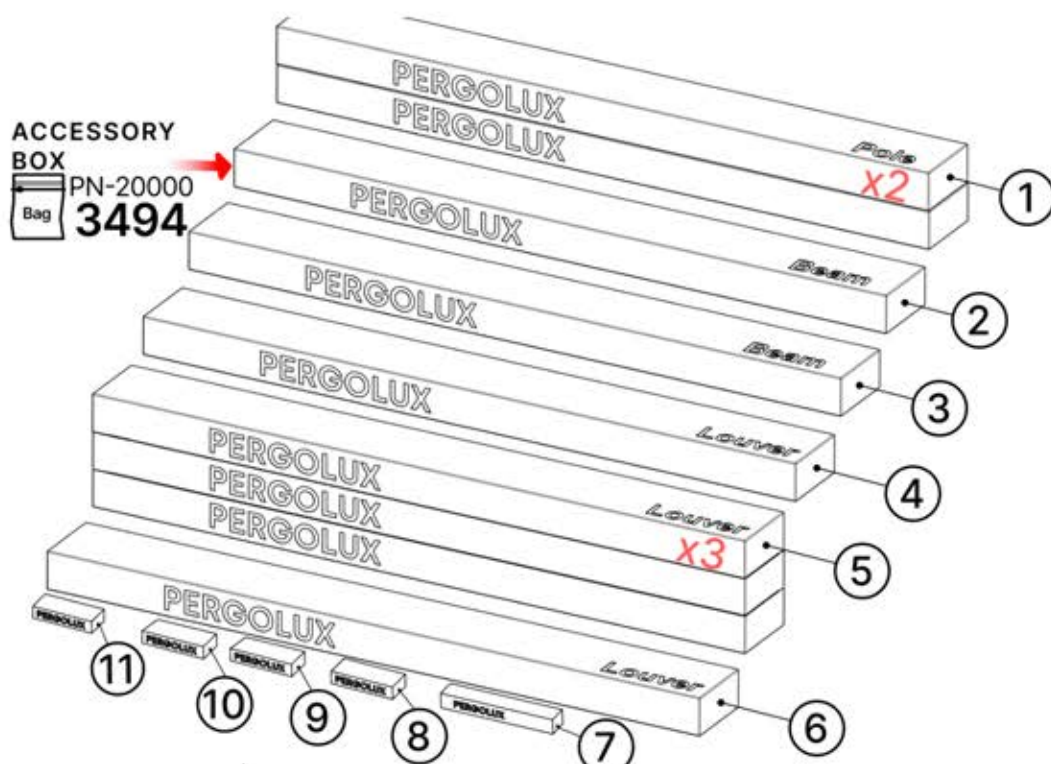


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

PACKAGE OVERVIEW

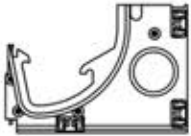


ORDER	ANTHRACITE	WHITE	BLACK
①	C126	C127	C128
②	B285	B289	B293
③	B307	B309	B311
④	L263	L267	L265
⑤	L251	L255	L253
⑥	L239	L243	L241
⑦	ELECTRIC MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		
⑪	SCREW KIT PN-200004210		

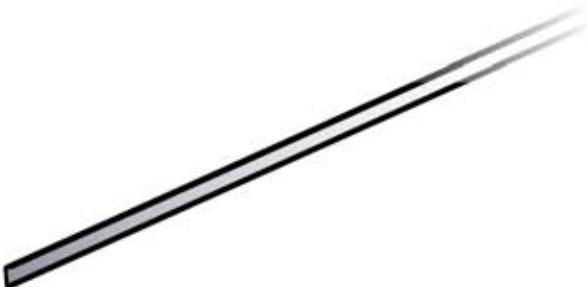
ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	C126	C127	C128
		PN-200002467 4x	
		PN-200002301 4x	
		PN-200003584 4x	
		PN-200002299 4x	

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	B285	B289	B293
2			PN-200003503 1x
			PN-200003507 1x
			PN-200002486 2x
			PN-200002474 1x
			PN-200002470 1x

ITEMS IN BOX

	ANTHRACITE			WHITE			BLACK				
	2			B285			B289			B293	
								PN-200002492 1x			
								PN-200002493 1x			
								PN-200002490 2x			
 PN-20000 3278 150mm  PN-200003033 2x  PN-200003030 1x  PN-200003031 1x  4.2x12 PN-200001207 2x											

ITEMS IN BOX



ANTHRACITE WHITE BLACK

2

B285

B289

B293



PN-20000
3757



PN-200002282
4x



PN-200000832
4x



PN-200002298
4x



PN-20000
3496



PN-200002289
4x



PN-20000
3756



PN-200000958
4x



PN-20000
3750



PN-200003051
8x



PN-200003049
8x



PN-200003050
8x



PN-20000
3759



PN-200002291
4x



PN-200002318
12x



PN-20000
3497



PN-200002329
4x

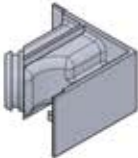
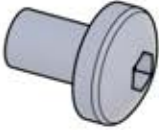


PN-200000852
8x

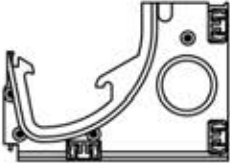
ITEMS IN BOX

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2		B285	B289	B293
 PN-20000 3751  PN-200002355 1x  PN-200002328 2x  PN-200003500 1x  PN-200002321 1x  PN-200002325 1x  PN-200002341 3x  PN-200002326 1x  PN-200002333 1x  PN-200002327 1x  PN-200002324 1x  PN-200002330 1x  PN-200002340 1x  PN-200000832 4x  PN-200002134 2x				

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
2		B285	B289	B293
 PN-20000 3495		PN-200002311 40x	 PN-20000 3767	 PN-200002286 8x
				
 PN-20000 3768		PN-200002911 4x	 PN-20000 3758	 PN-200002297 4x
		 PN-200002303 4x		
 PN-20000 3755		PN-200000655 8x	 PN-20000 3758	 PN-200002284 4x
 PN-20000 4088		PN-200002308 20x		
				PN-200001340 1x

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
 3		B307	B309	B311
		PN-200003529 2x		
		PN-200002932 2x		
		Premounted PN-200003515 2x		
		PN-200002933 2x		
		PN-200003531 2x		

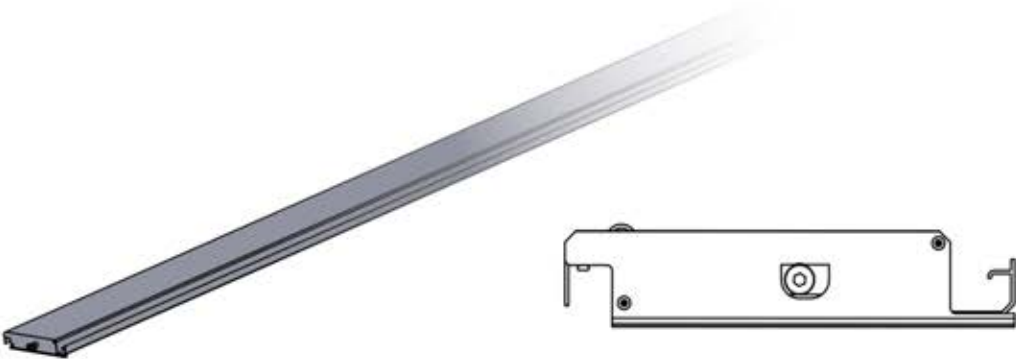
ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		L263	L267	L265
		Standard = (S) PN-200003532 4x		
		End = (E) PN-200003534 1x		
		ANTHRACITE	WHITE	BLACK
		L251	L255	L253
		Standard = (S) PN-200003532 6x		
		LED = (LED) PN-200003536 6x		

ITEMS IN BOX



	ANTHRACITE	WHITE	BLACK
	L239	L243	L241



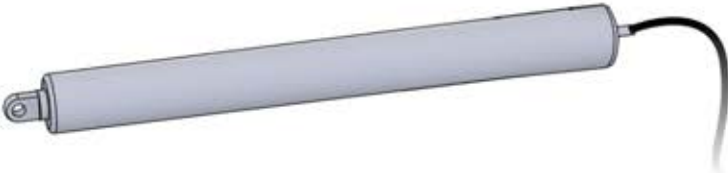
Standard = 

PN-200003532

4x



**ELECTRIC MOTOR**



Electric motor
PN-200001562
1x



PN-200003773
1x



PN-200001624
1x



PN-200001625
2x

ITEMS IN BOX



8

CONTROL BOX



Control box

1x



Matter antenna clip

1x



PN-200002684

10x



PN-200002683

5x



QR-code

1x



3M tape

1x



PN-200002756

1x



PN-200002754

1x



PN-200002758

1x



PN-200002753

2x



PN-200002759

2x



PN-200002757

1x

ITEMS IN BOX



9

POWER CABLE



PN-200003781

1x



10

LED BOX

PN-20000
Zip Bag
3825



LED STRIP

6x



6 LED HARNESS

1x



11

SCREW KIT
PN-200004210



PN-200004206

20x



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.

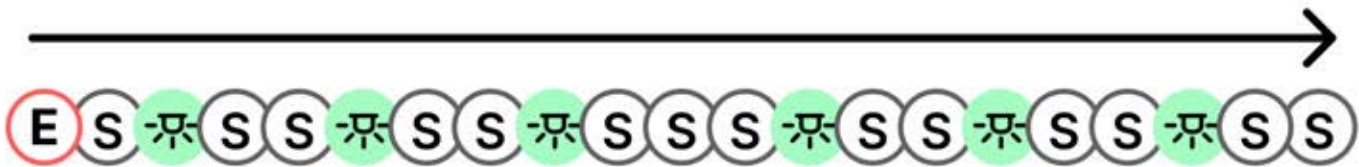
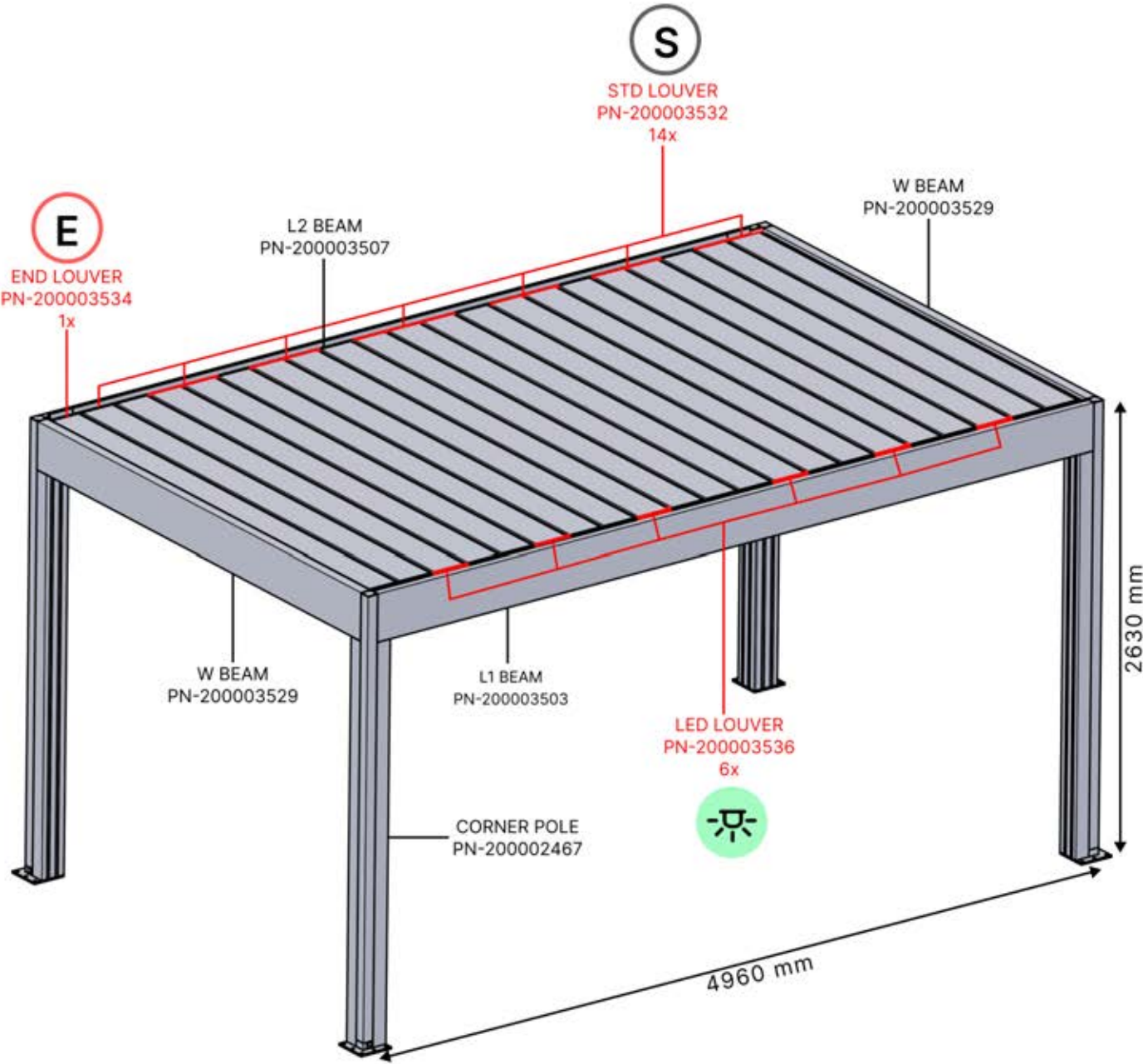
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



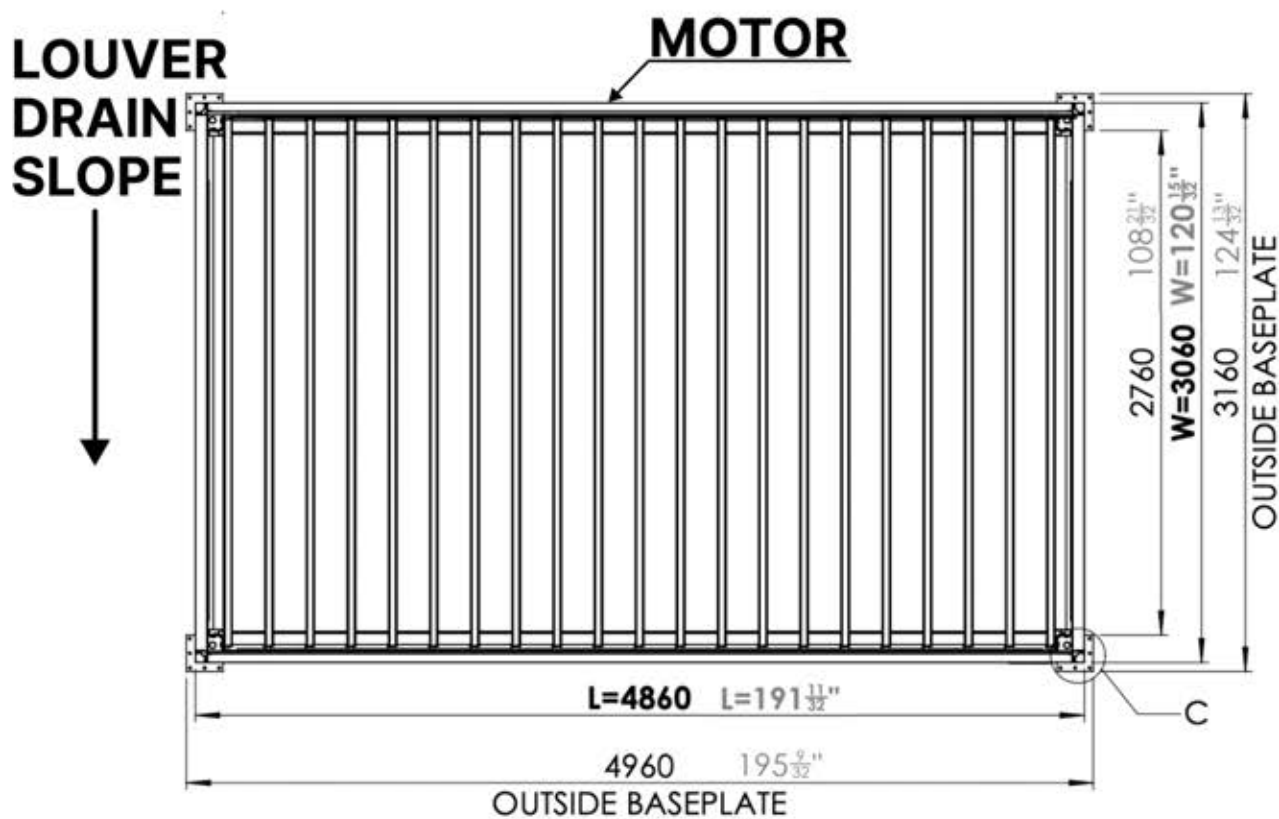
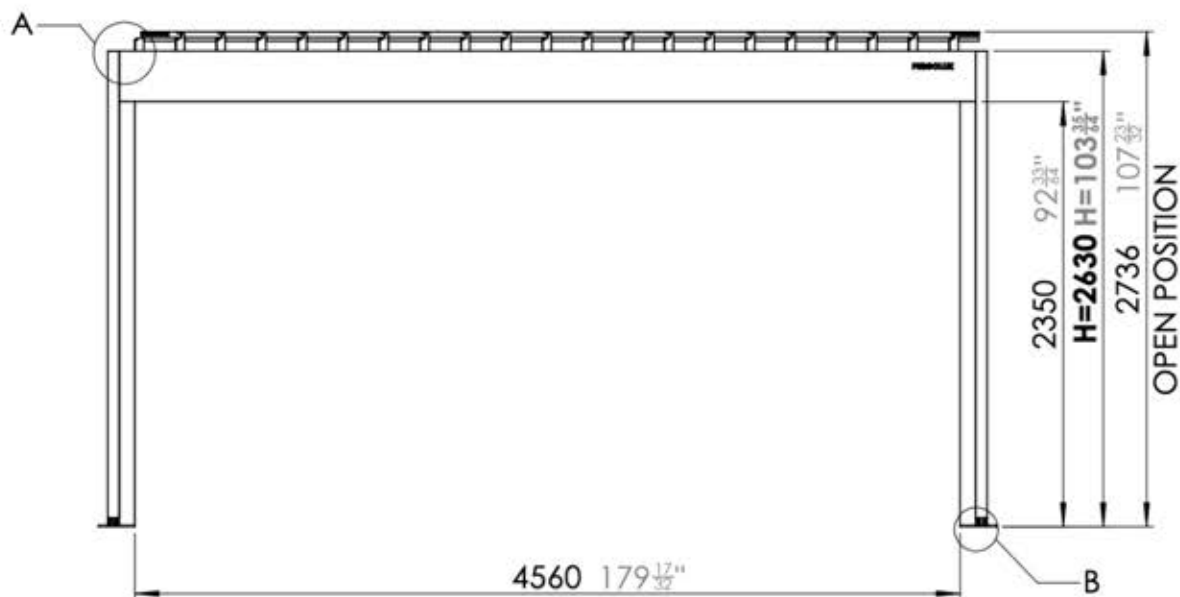
CONTROL BOX

[View Manual](#)

3 × 5 m / 10' x 16'



3 x 5 m / 10' x 16'



INFORMATION

Are you installing a
screen, slat wall or
glass wall?

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

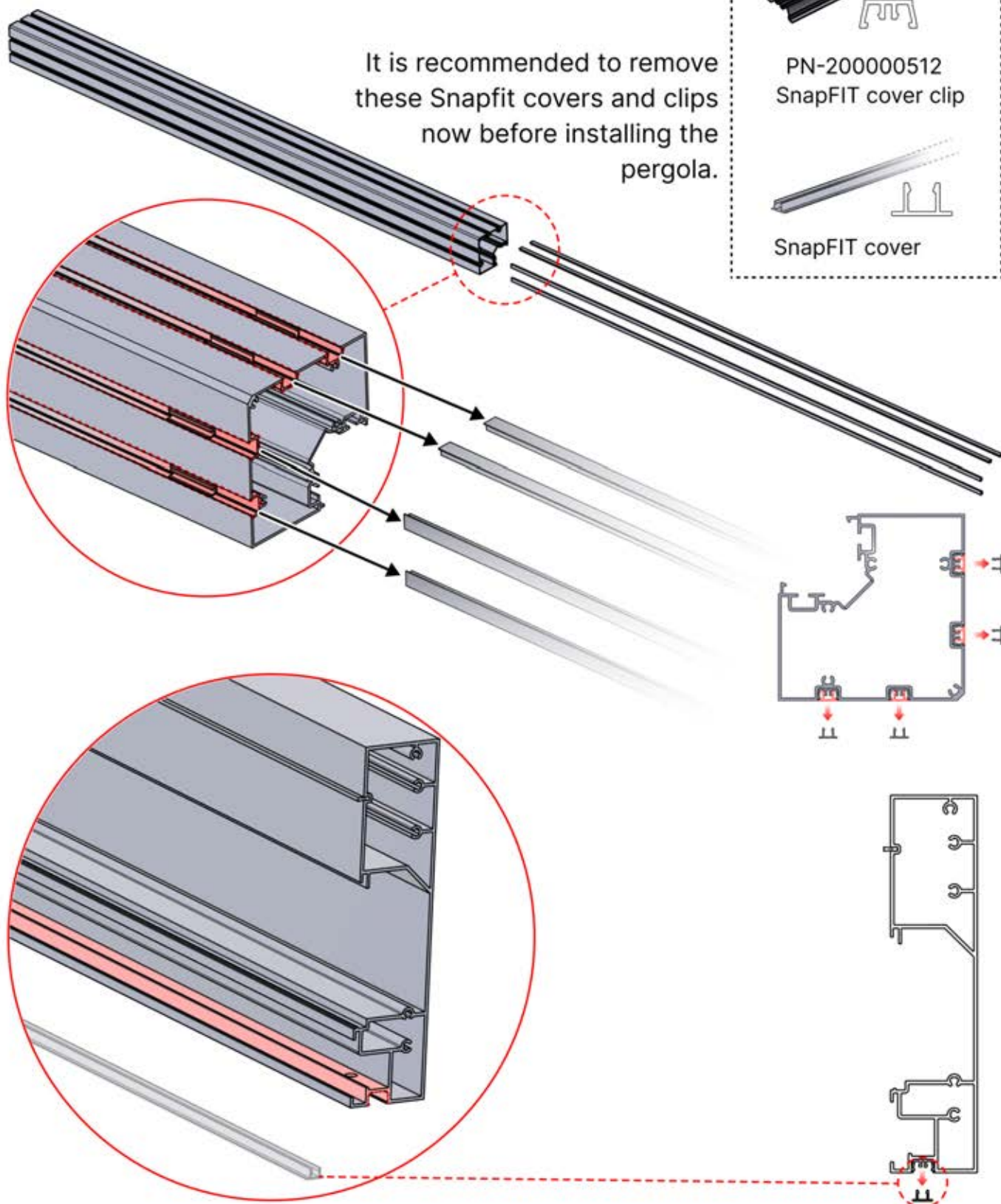
Cover and clips



PN-200000512
SnapFIT cover clip



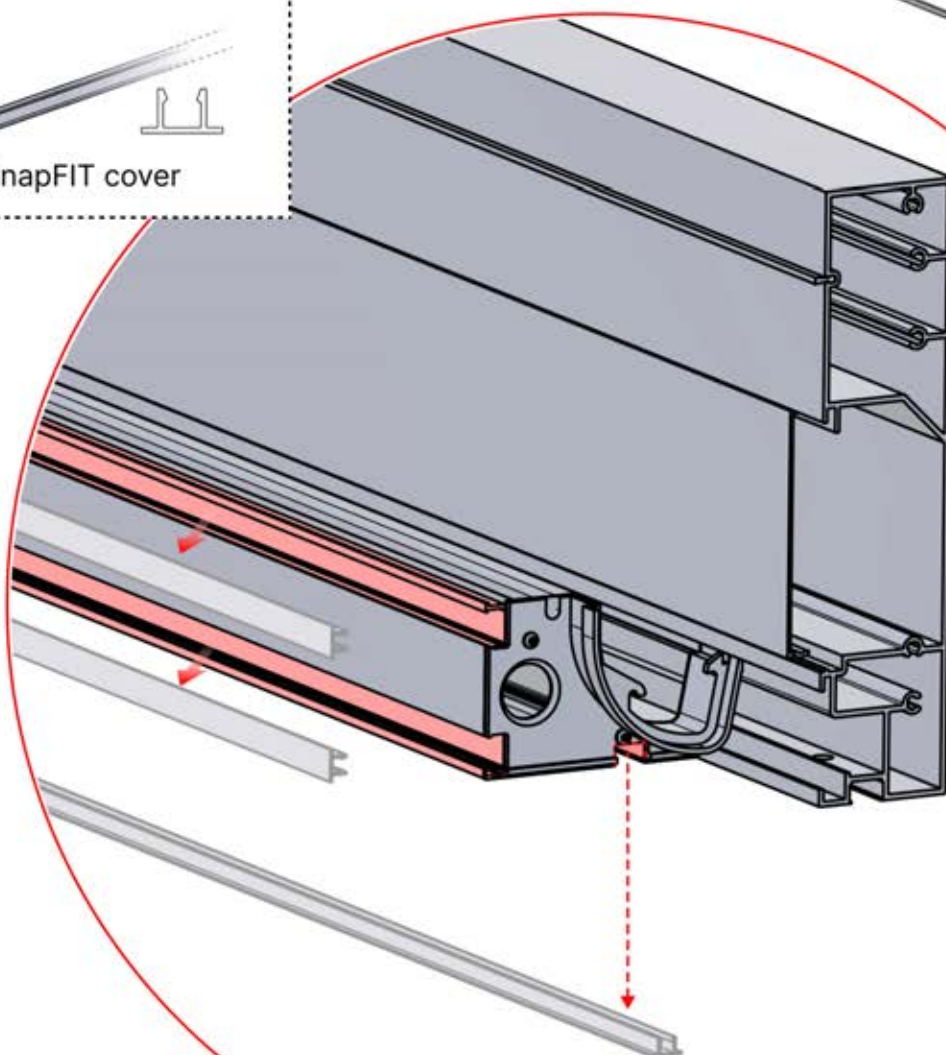
SnapFIT cover



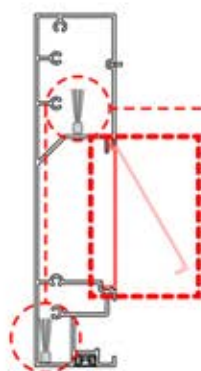
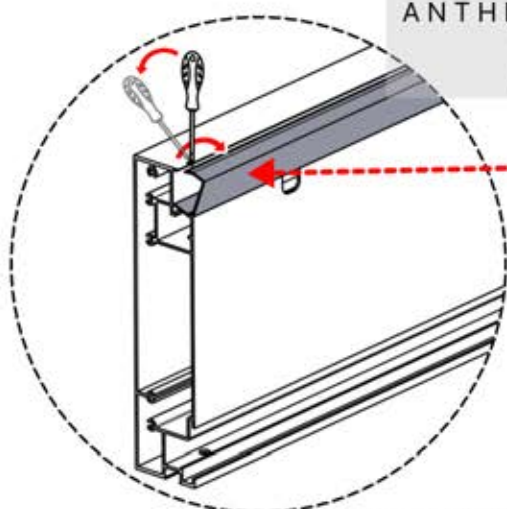
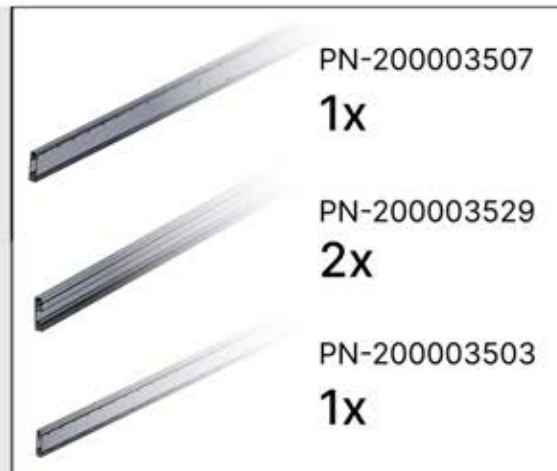
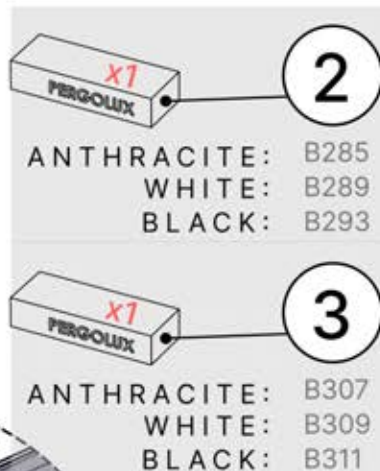
INFORMATION

Are you installing a heater or fan ?

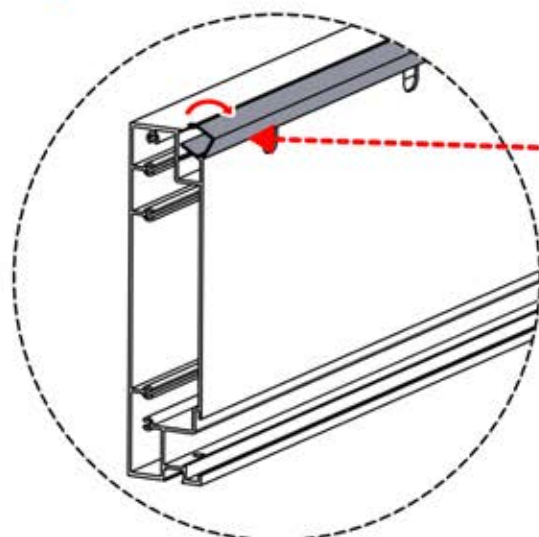
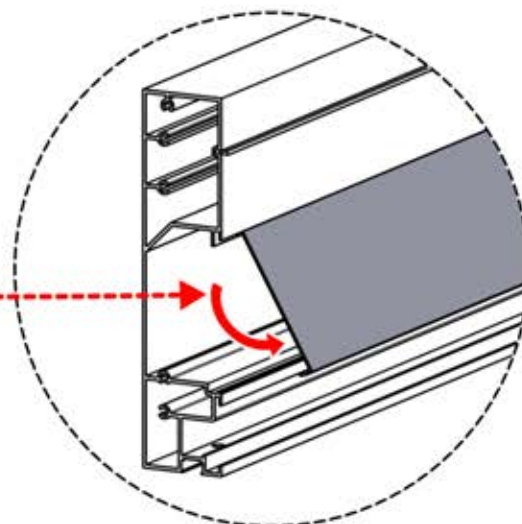
It is recommended to remove both snap-fit covers from the beam now.



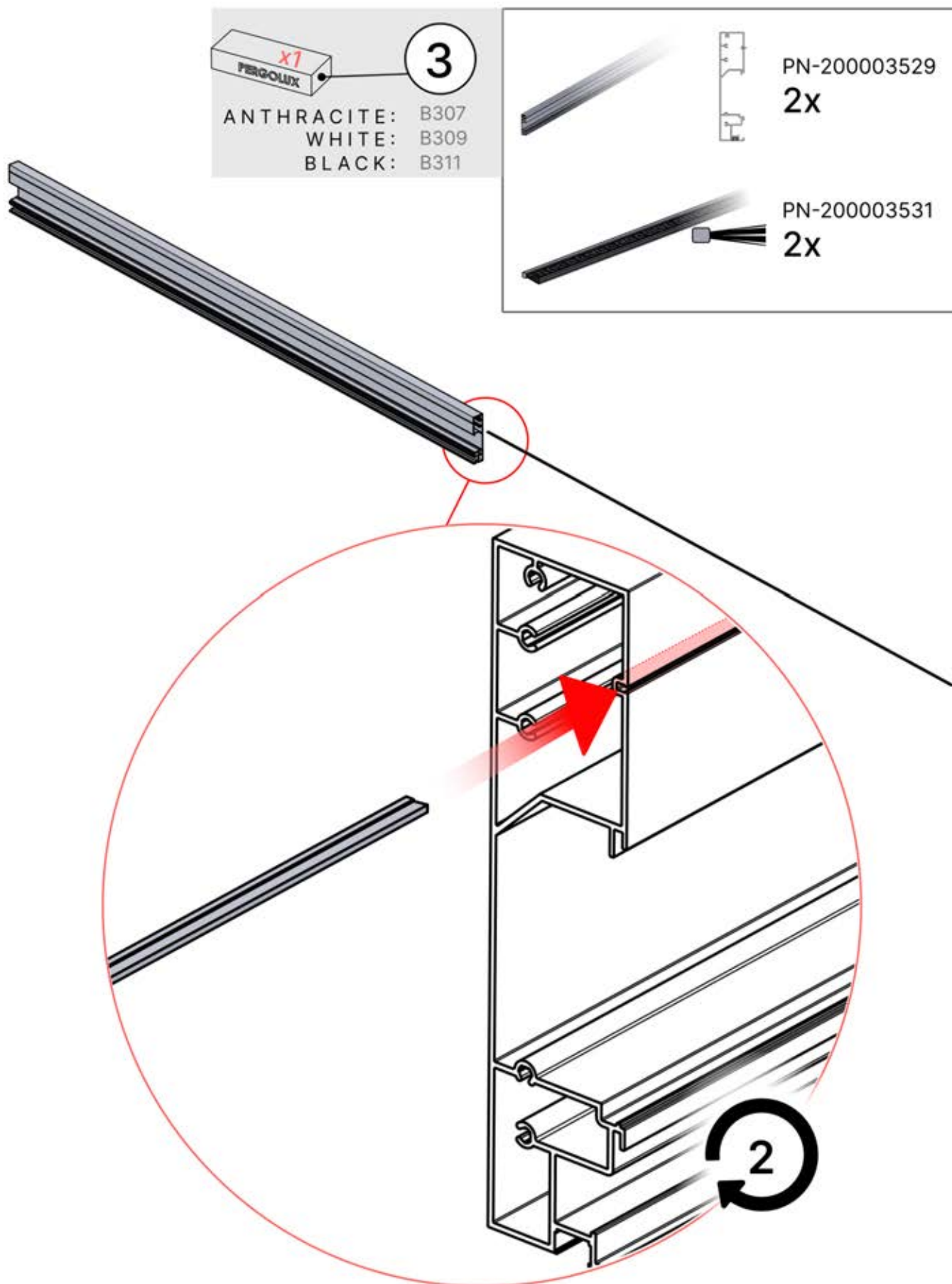
INFORMATION



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



INFORMATION



01



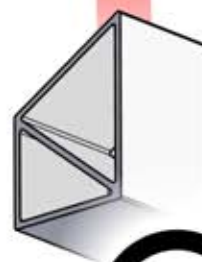
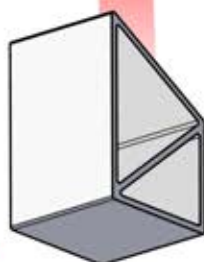
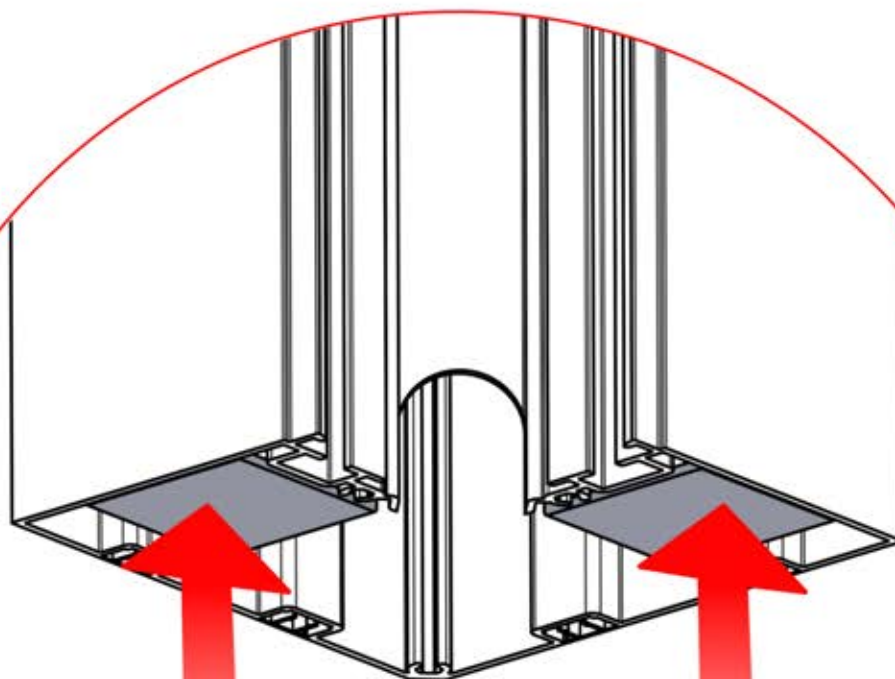
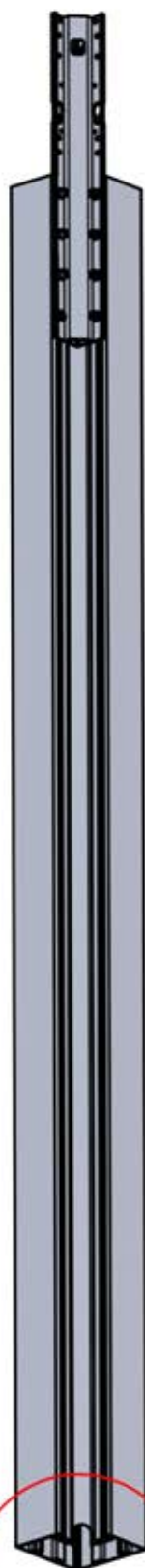
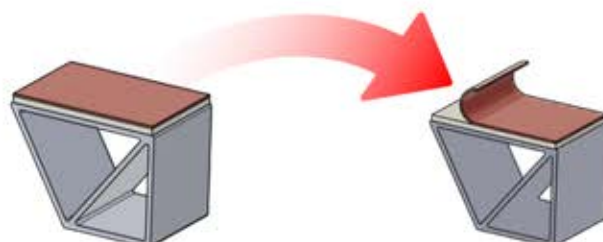
ANTHRACITE: B285
WHITE: B289
BLACK: B293

2



PN-200002286

8x



4



02



1

ANTHRACITE: C126
WHITE: C127
BLACK: C128



2

ANTHRACITE: B285
WHITE: B289
BLACK: B293



PN-200002467

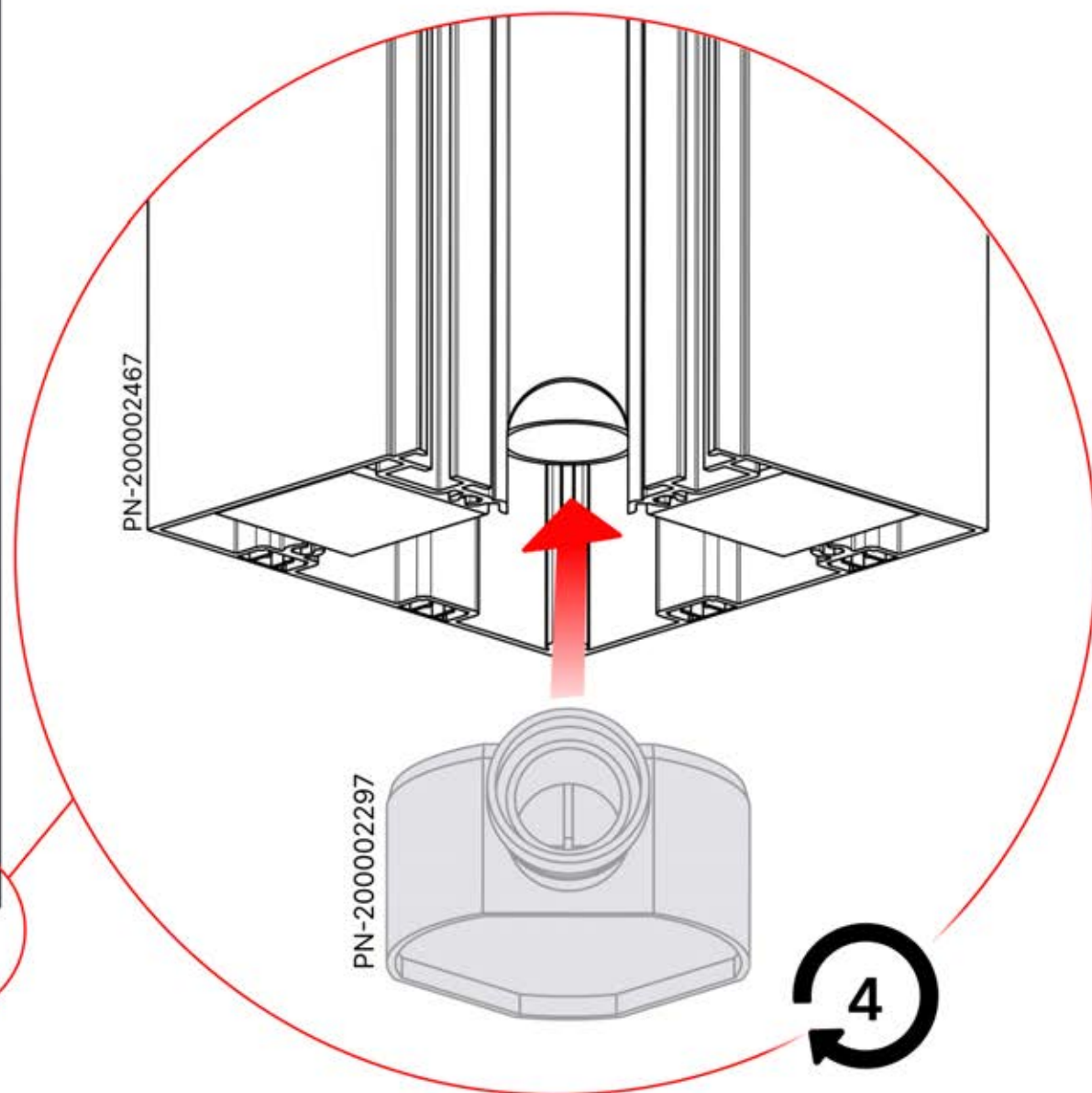
4x



PN-200002297

4x

PN-20000
3768



03



1

ANTHRACITE: C126
WHITE: C127
BLACK: C128



11

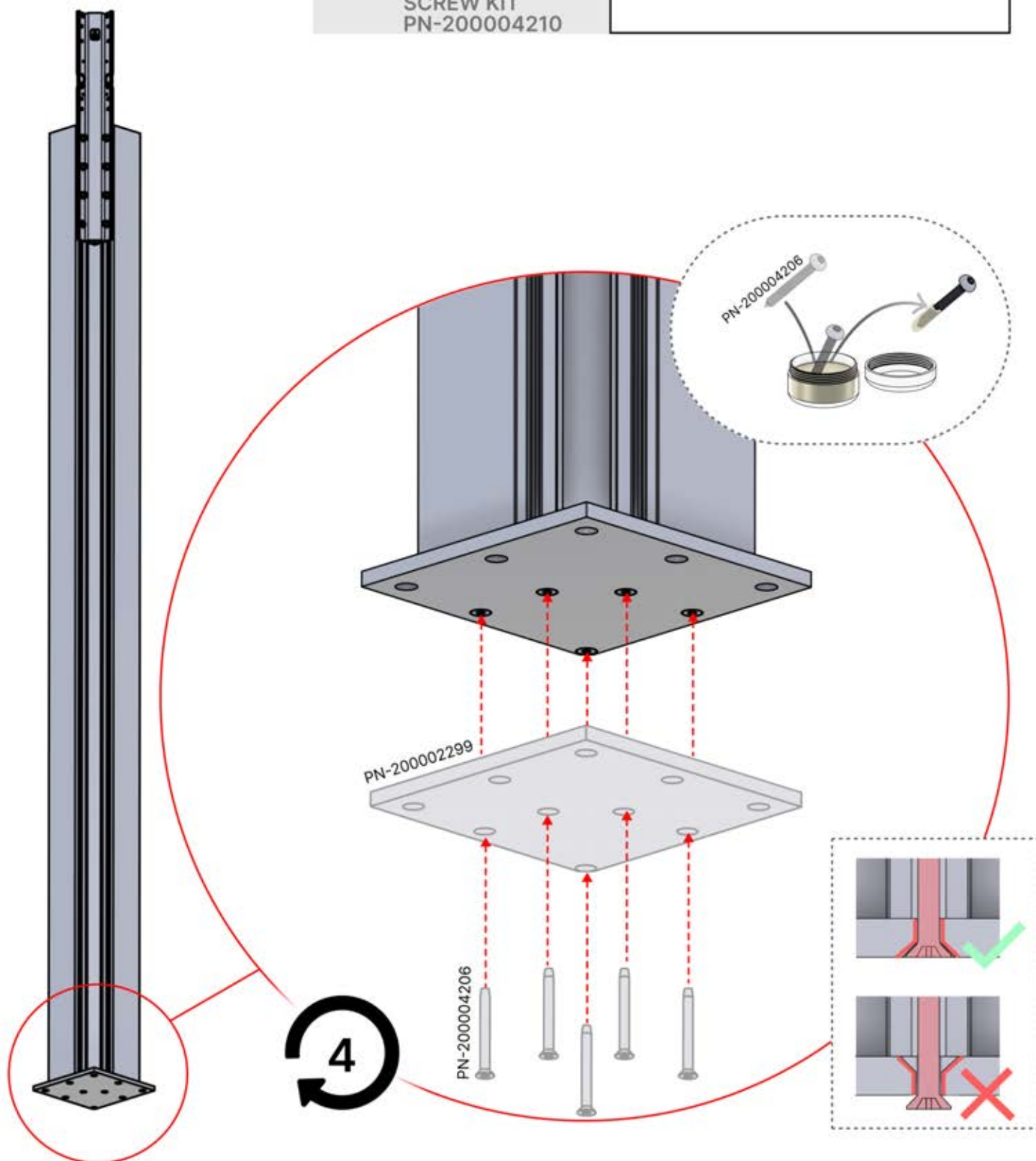
SCREW KIT
PN-200004210



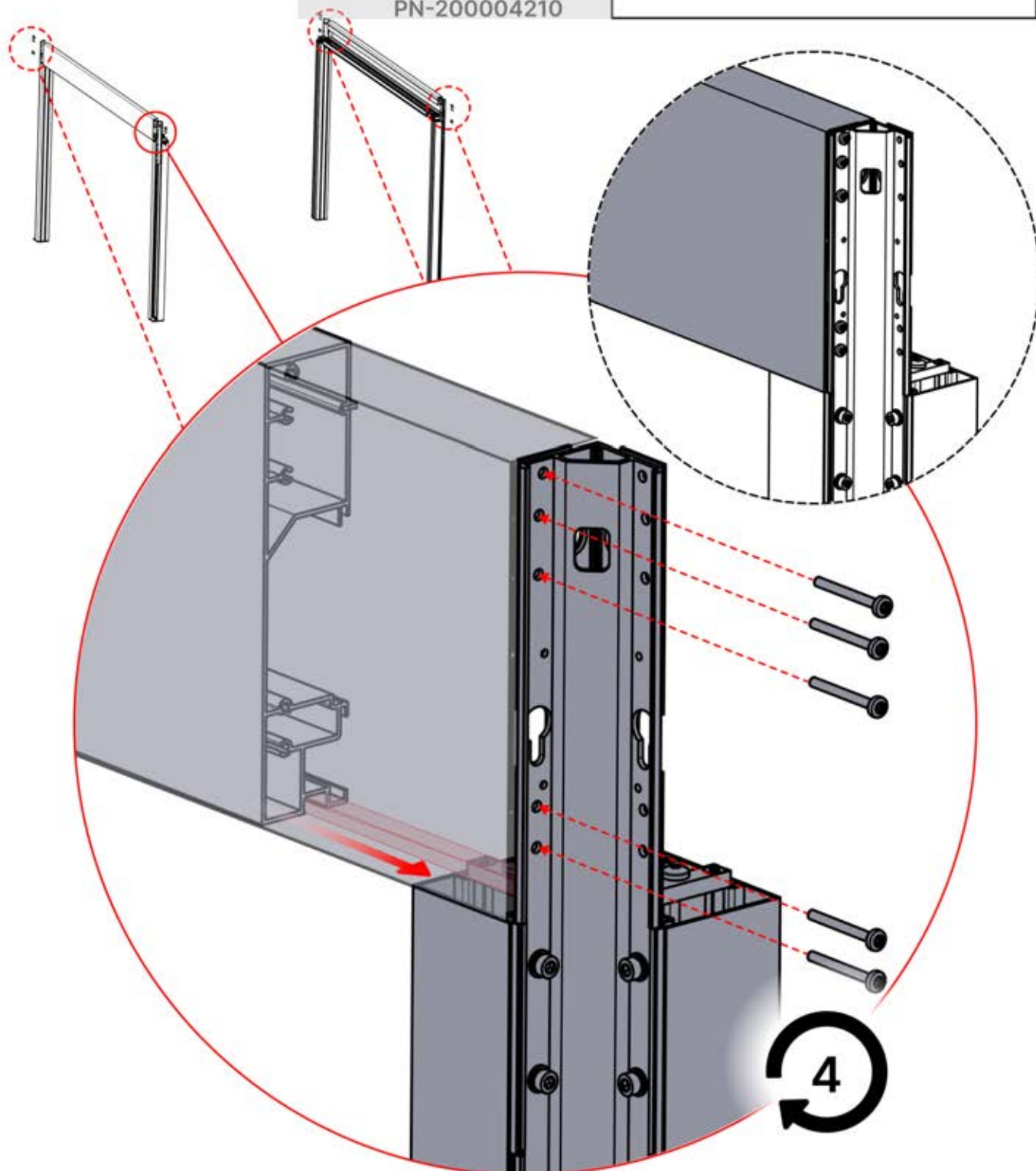
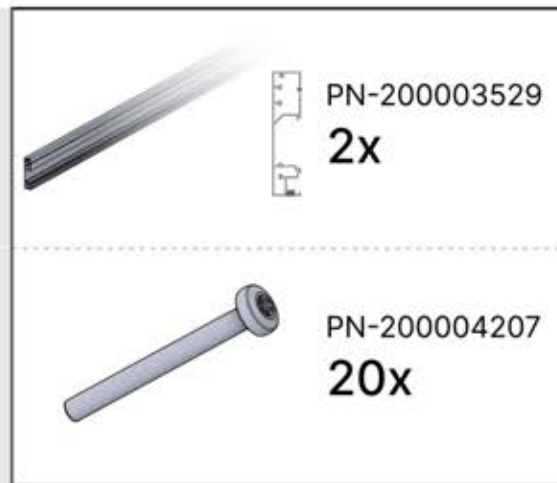
PN-200002299
4x



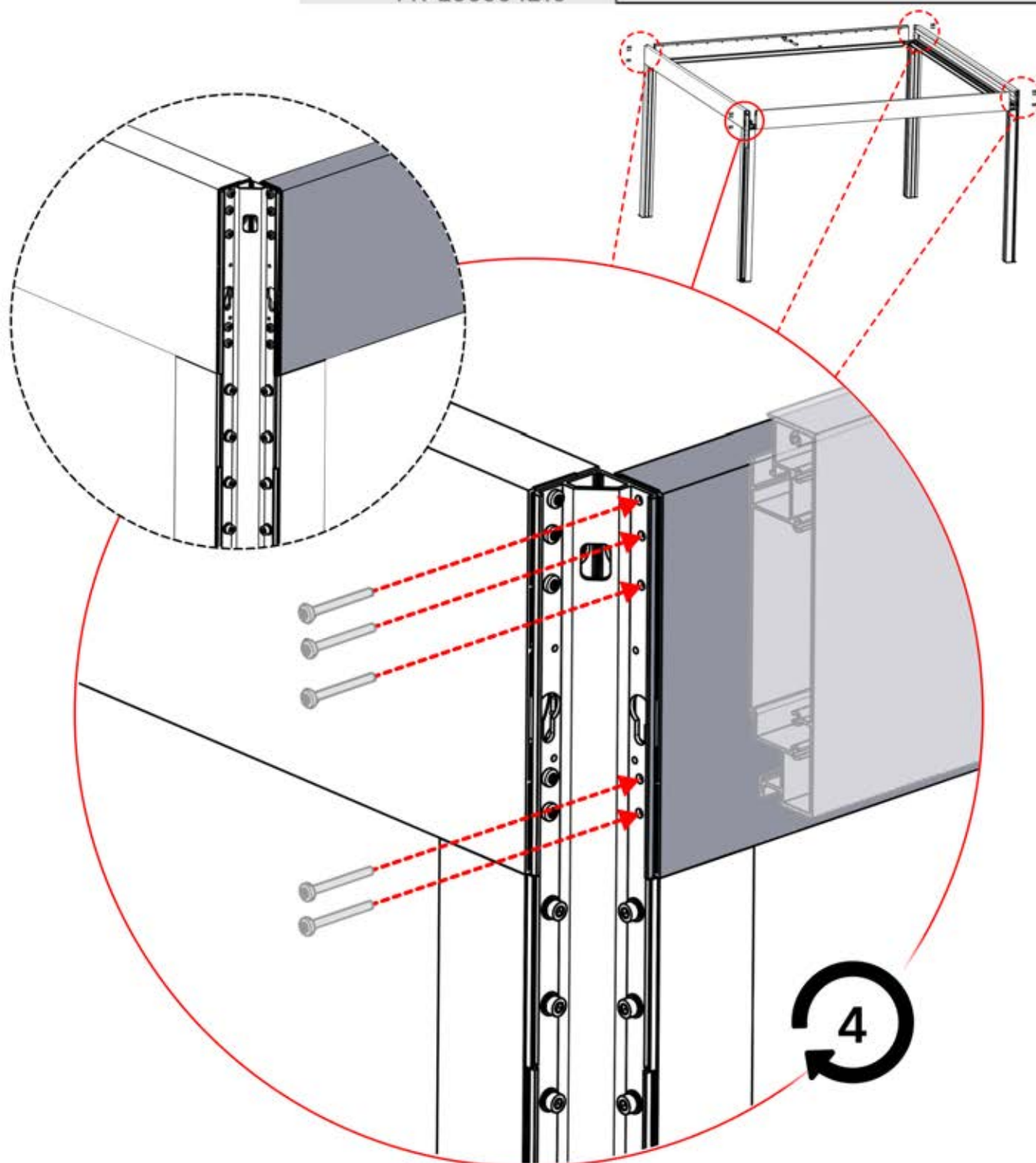
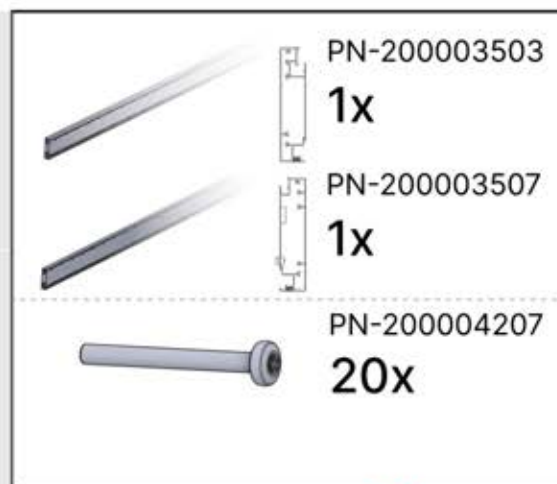
PN-200004206
20x



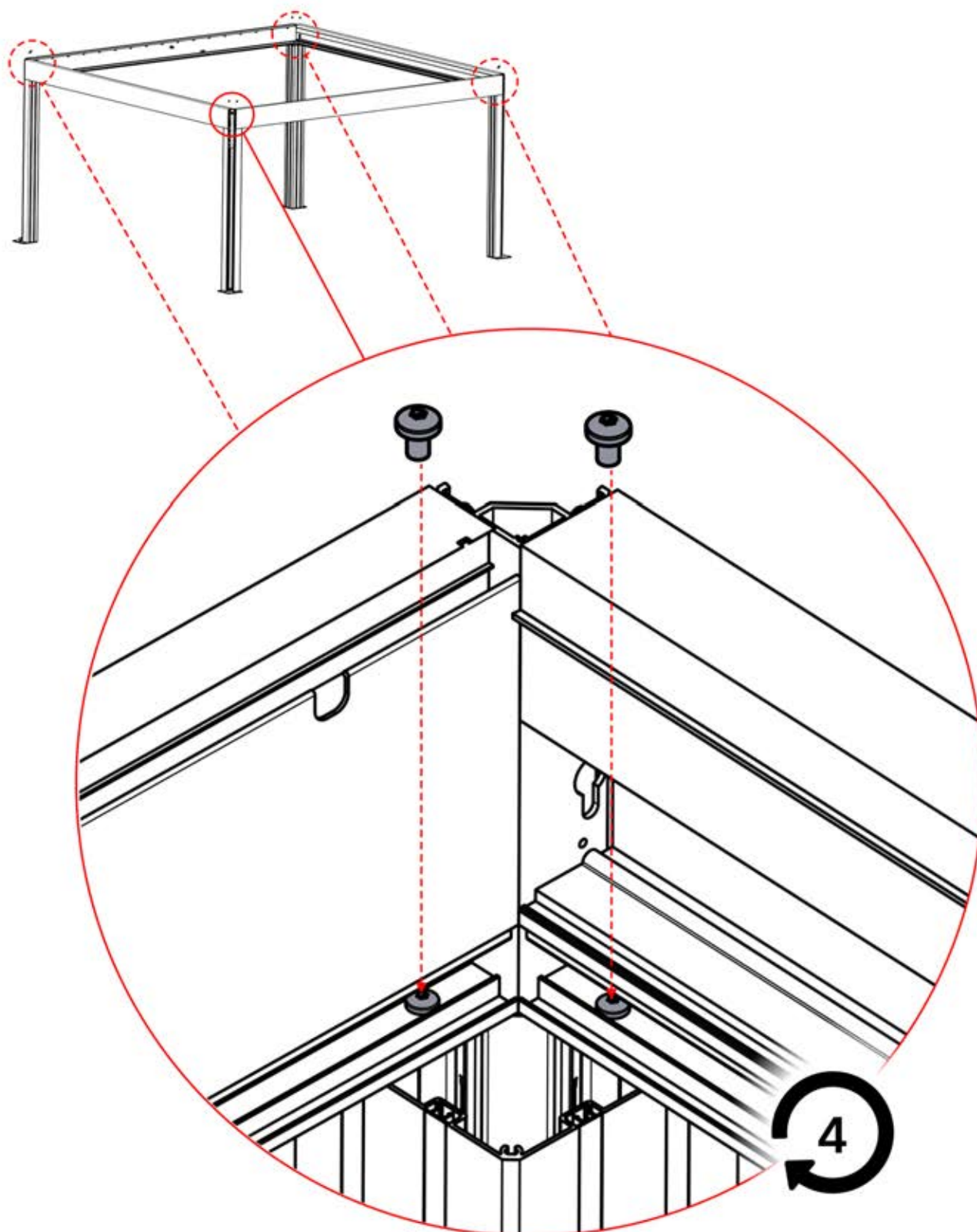
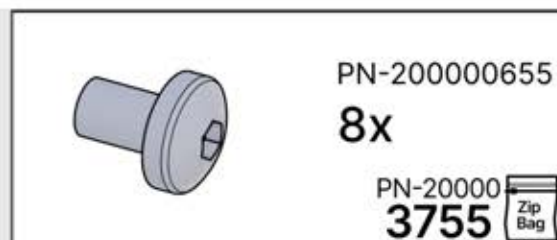
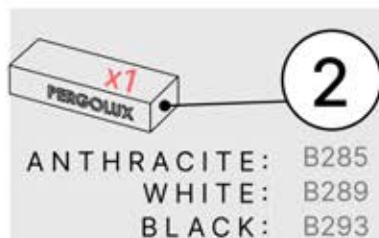
04



05



06

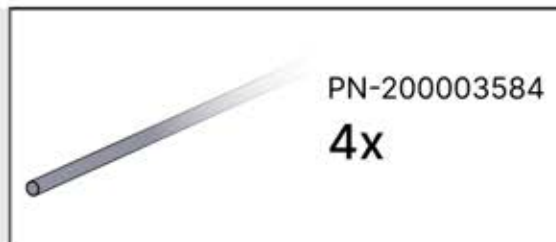


07



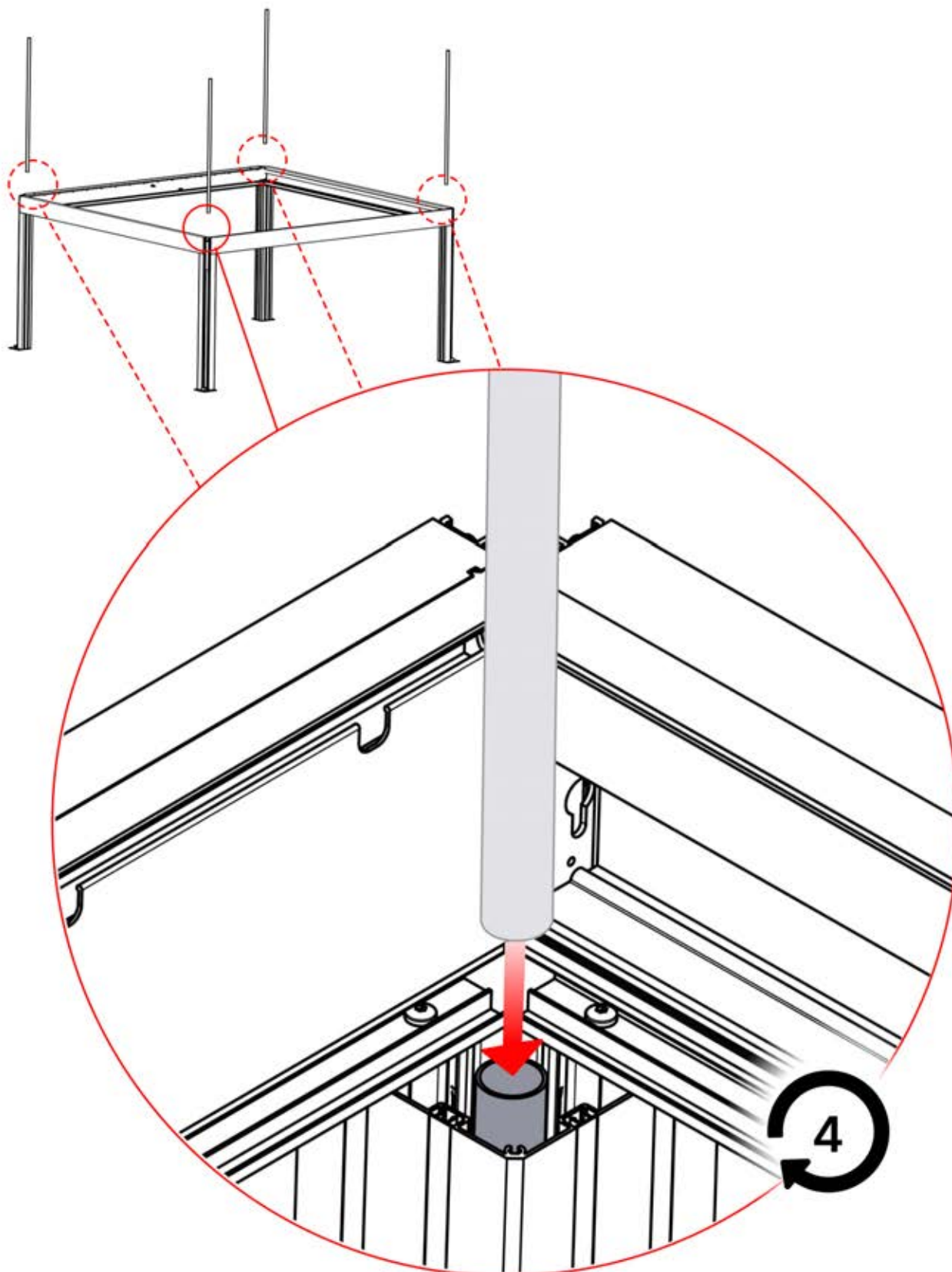
ANTHRACITE: C126
WHITE: C127
BLACK: C128

1

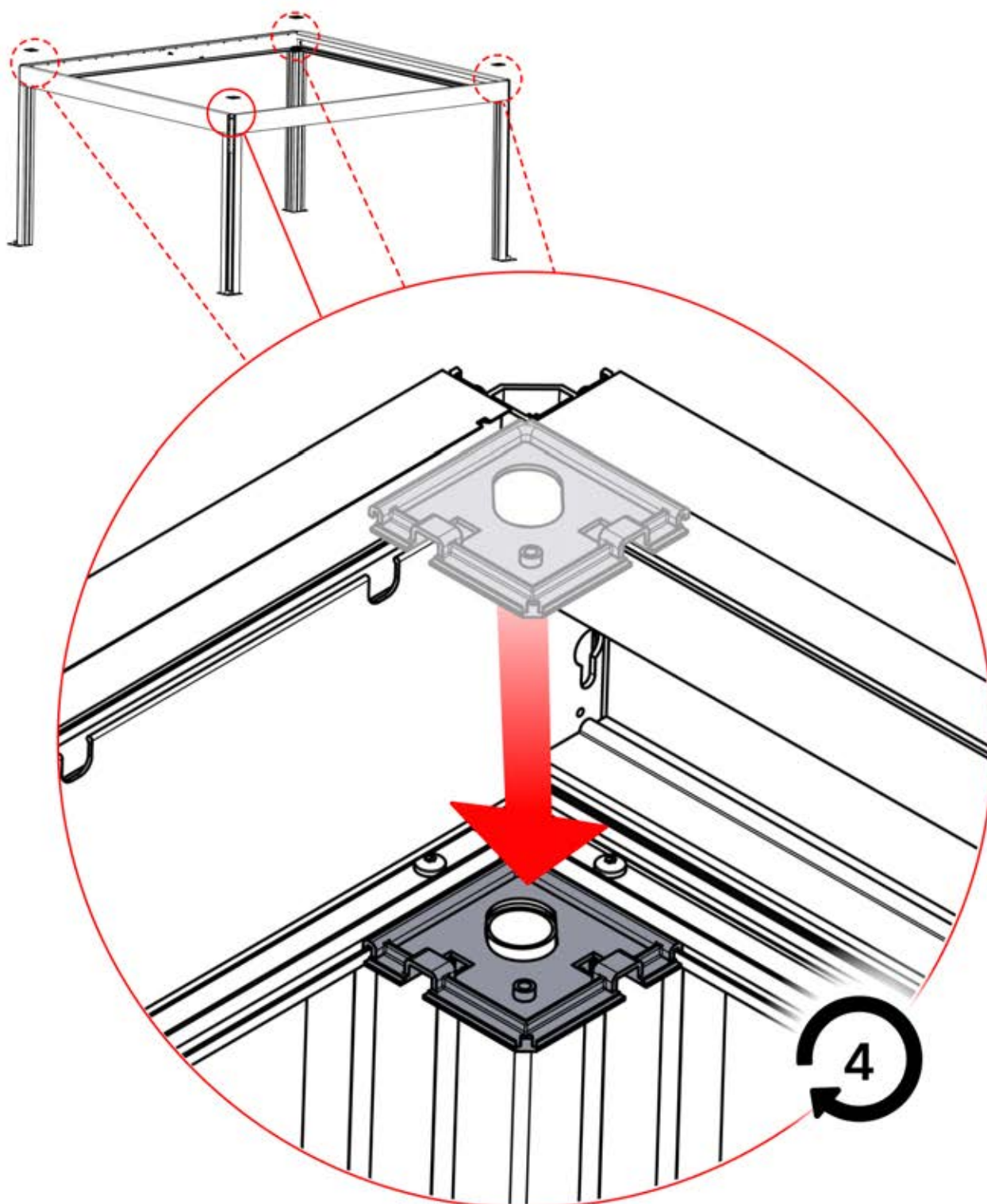
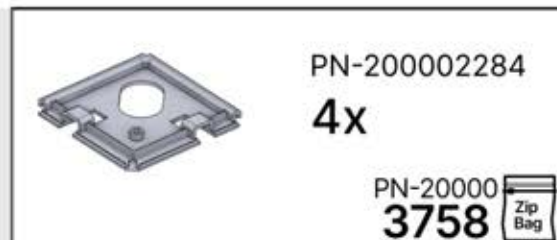
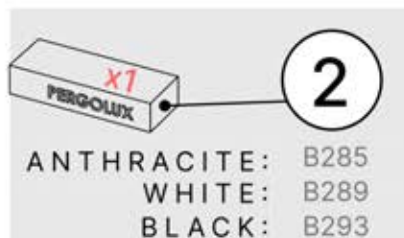


PN-200003584

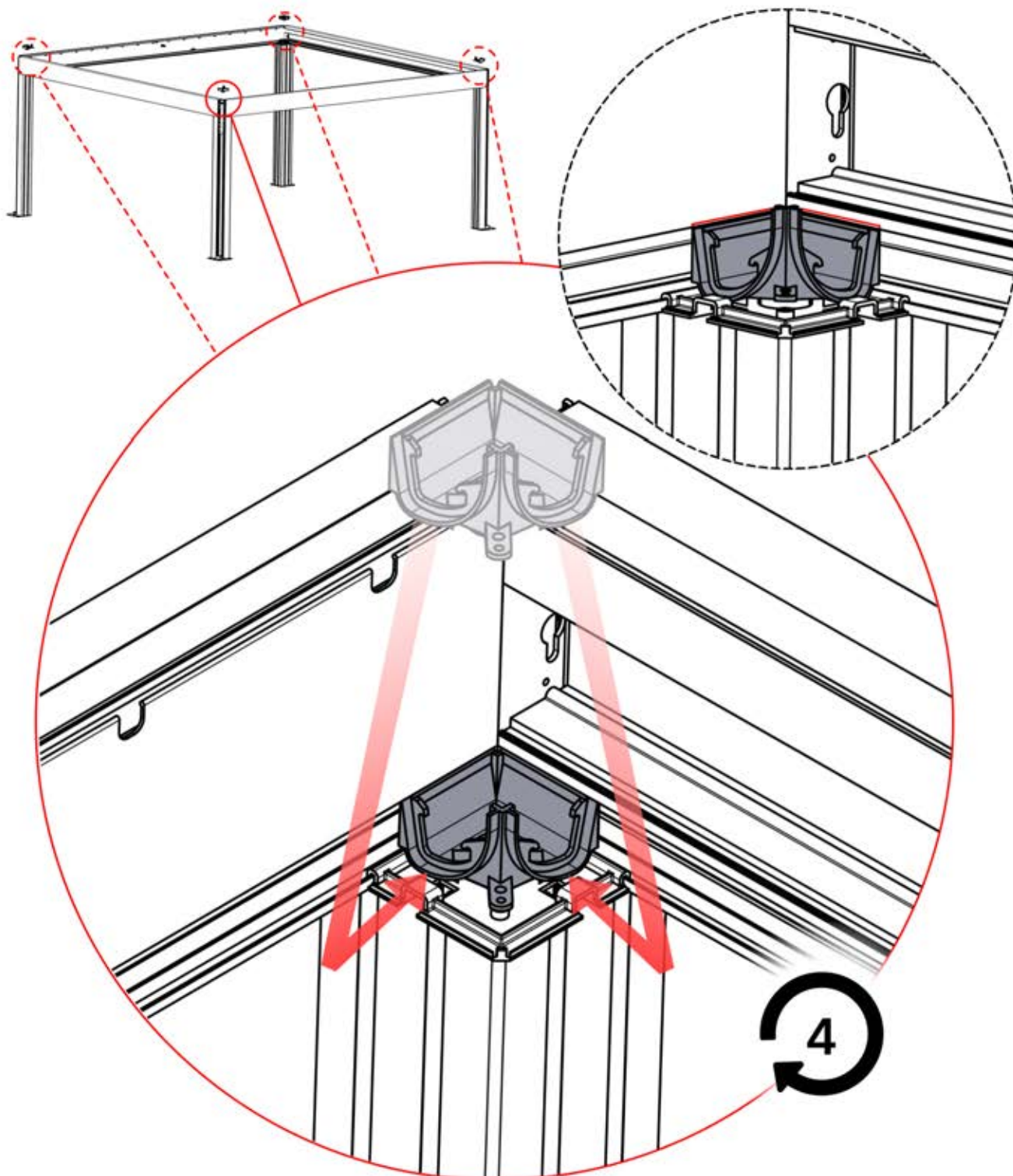
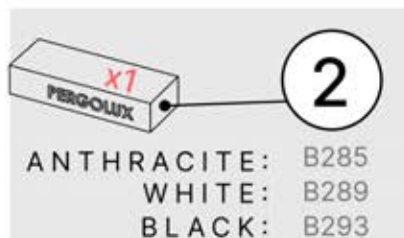
4x



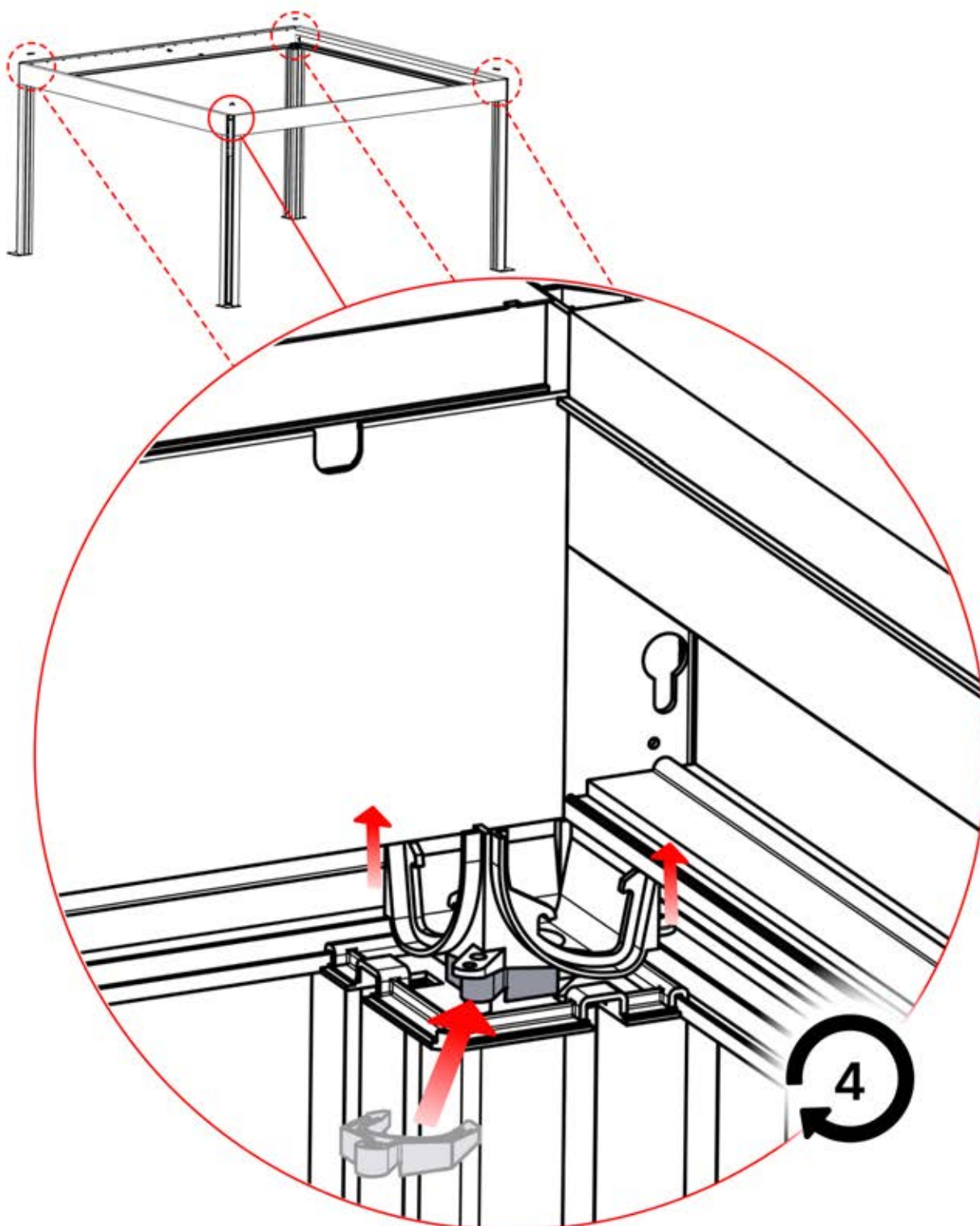
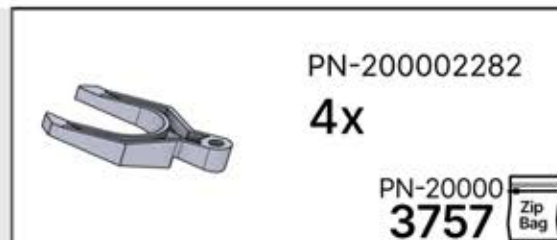
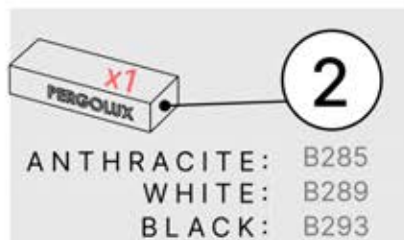
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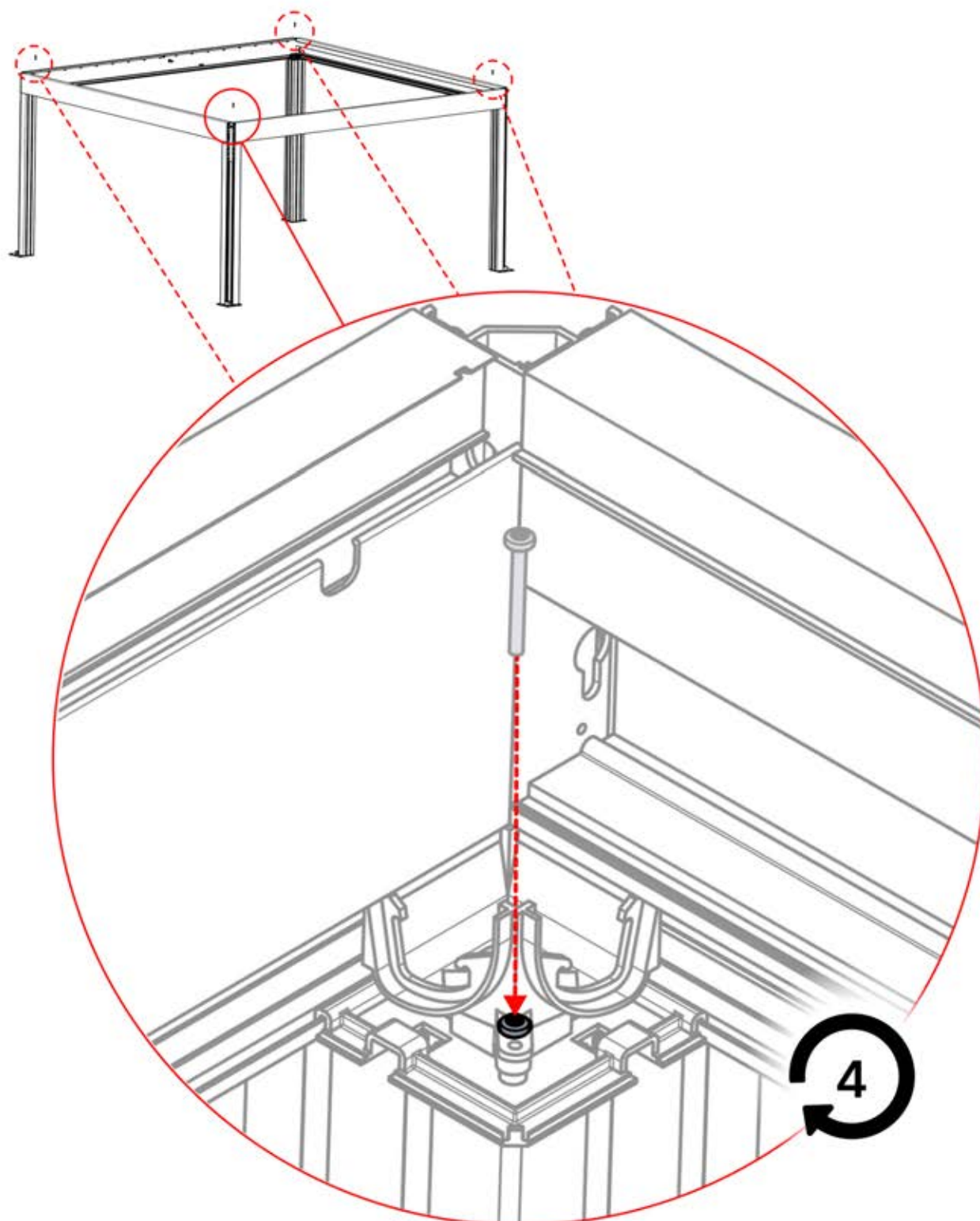
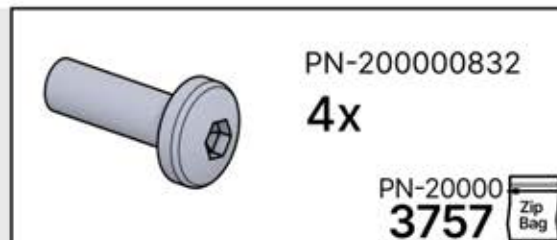
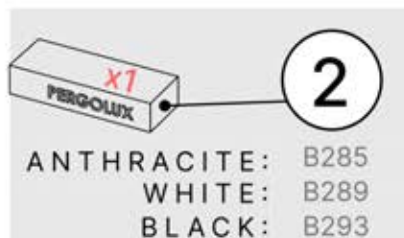
09



10



11



12



2

ANTHRACITE: B285
 WHITE: B289
 BLACK: B293



3

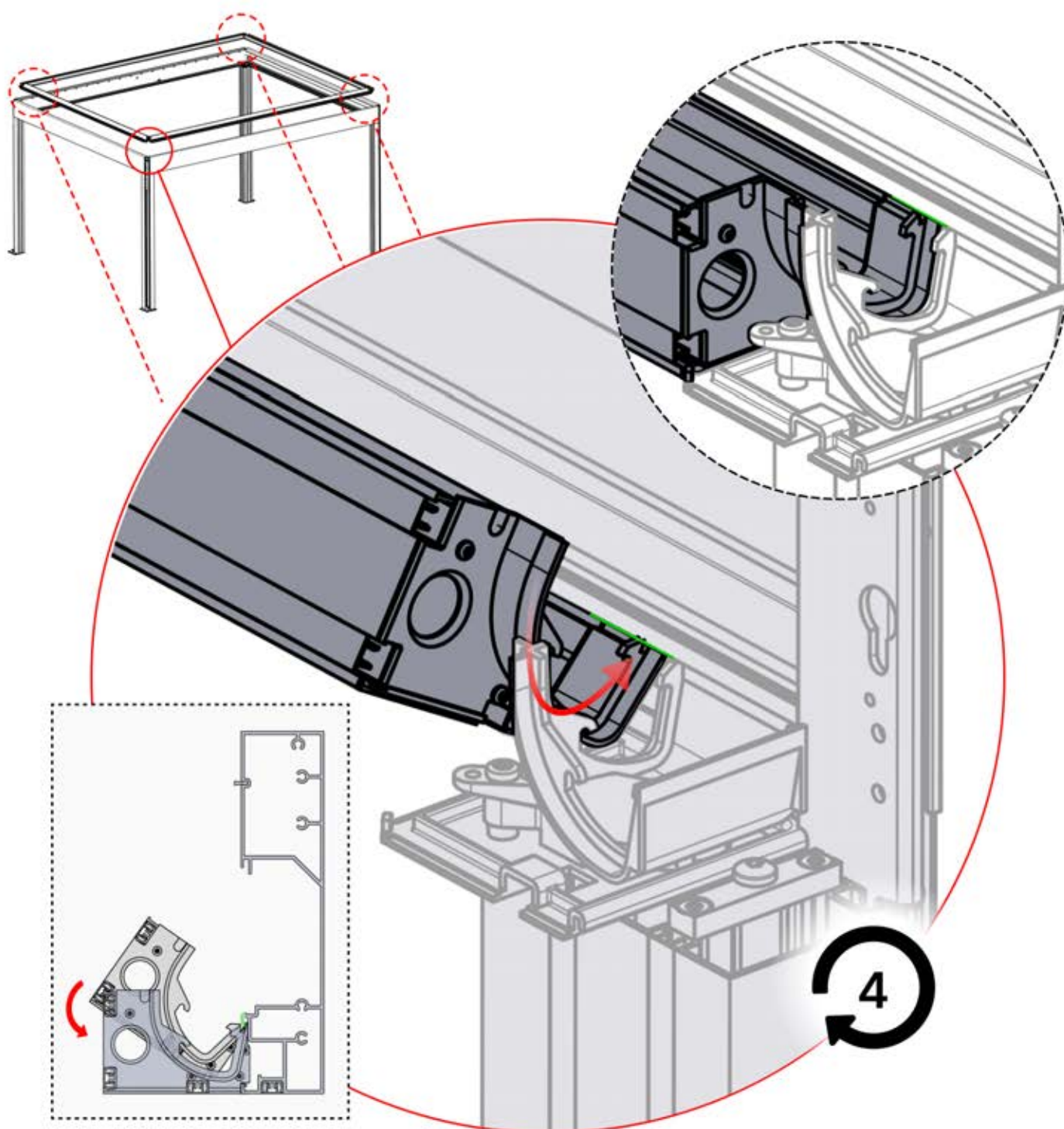
ANTHRACITE: B307
 WHITE: B309
 BLACK: B311



PN-200002486
2x



PN-200002932
2x



13



3

ANTHRACITE: B307
 WHITE: B309
 BLACK: B311



2

ANTHRACITE: B285
 WHITE: B289
 BLACK: B293



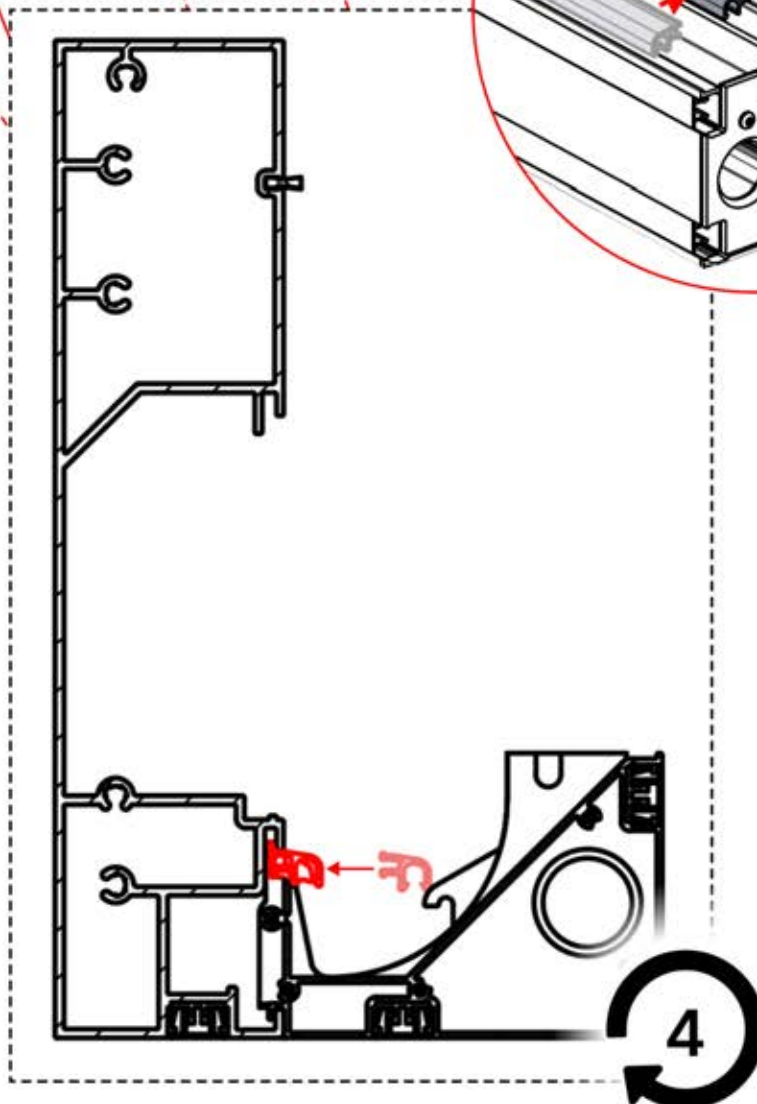
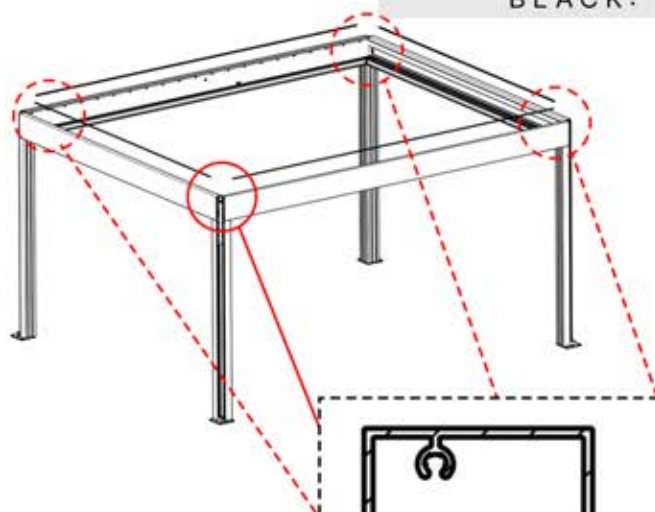
PN-200002933

2x



PN-200002490

2x



INFORMATION

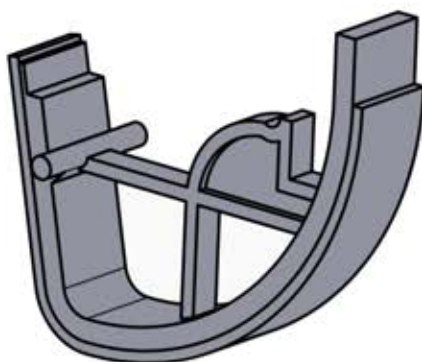


Apply grease to
part



2

ANTHRACITE: B285
WHITE: B289
BLACK: B293



PN-200003051

8x



PN-200003049

8x



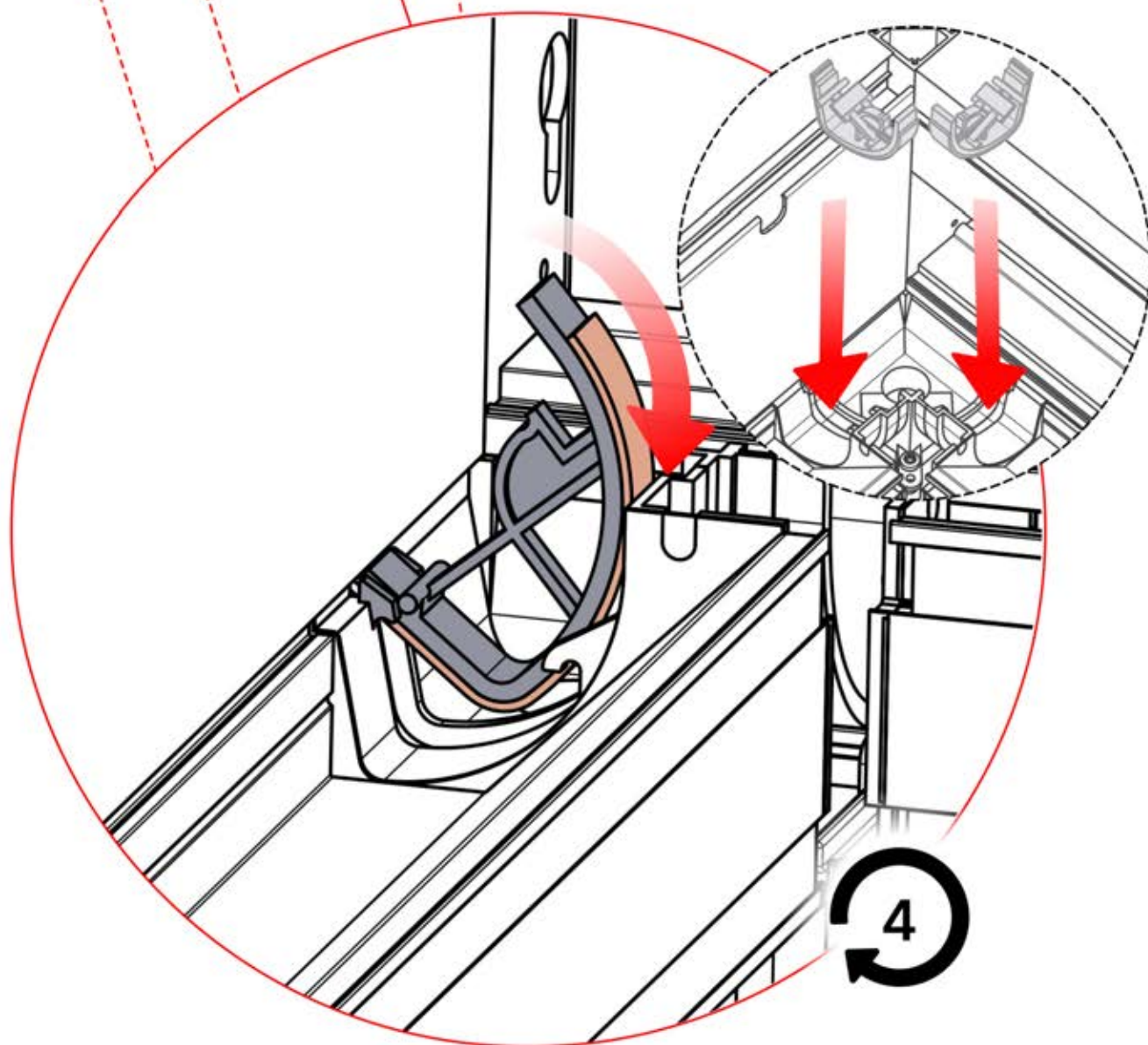
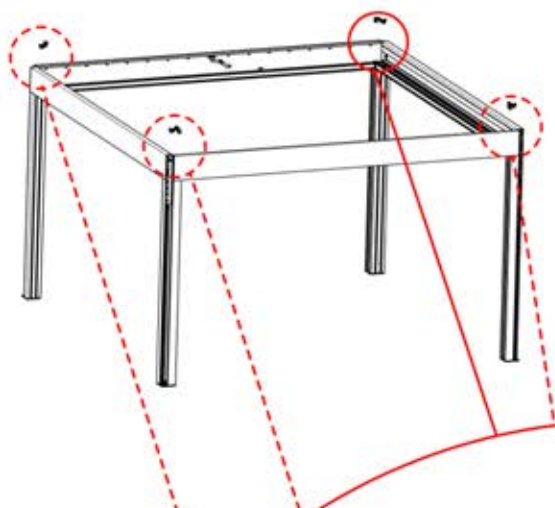
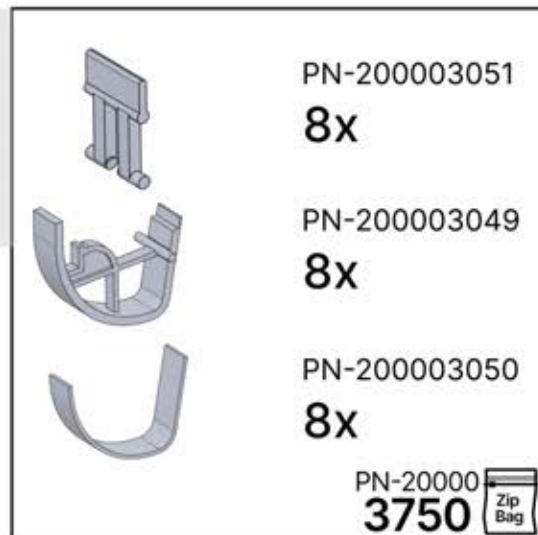
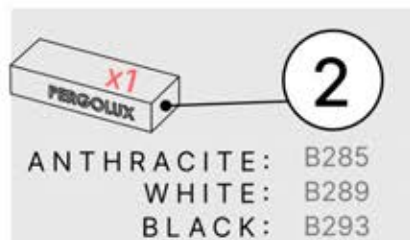
PN-200003050

8x

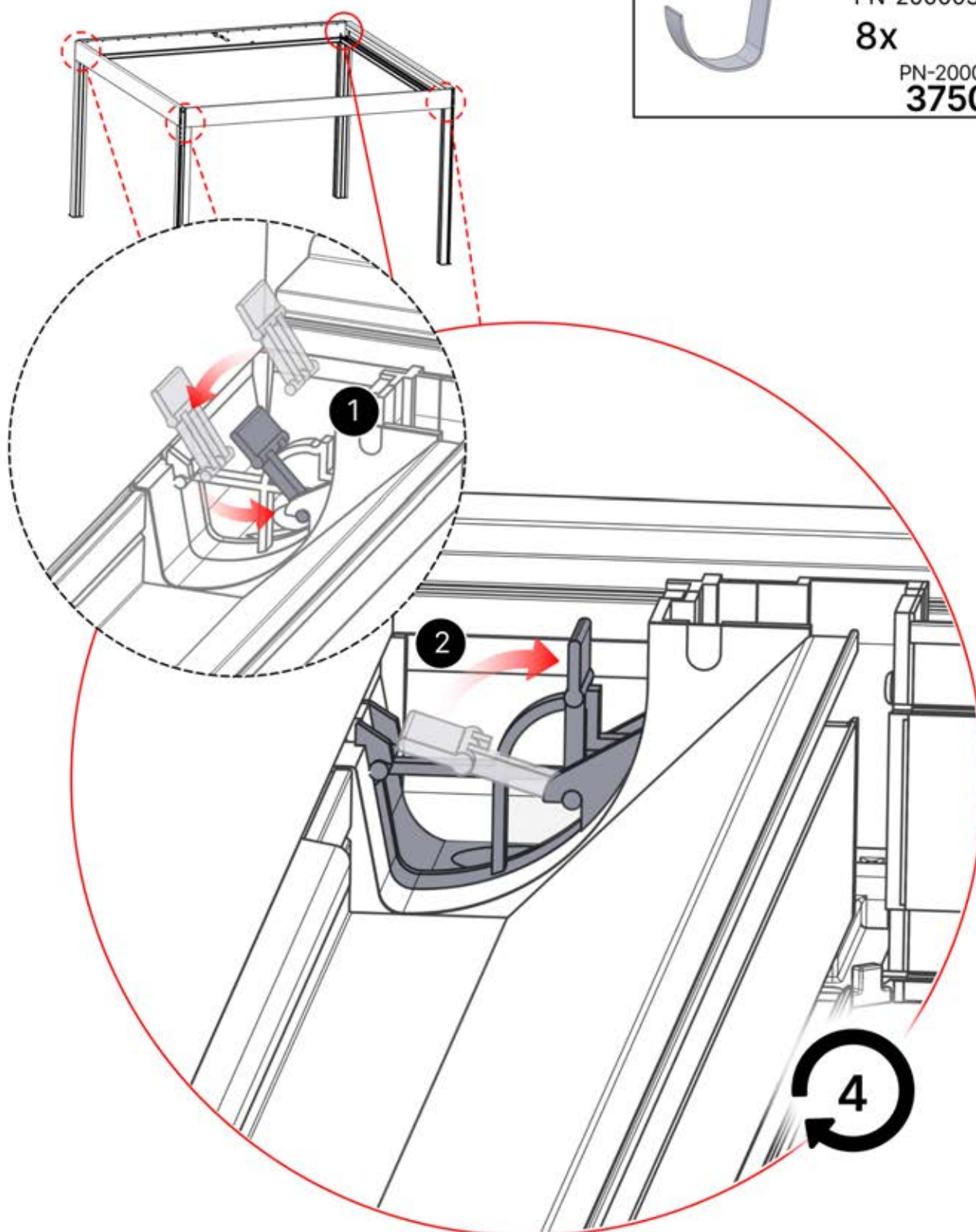
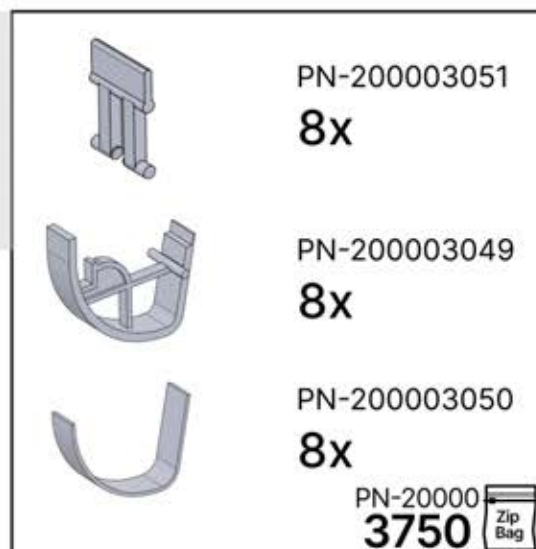
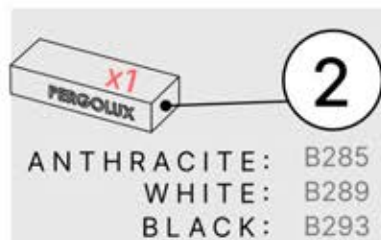
PN-20000
3750



14



15



16



2

ANTHRACITE: B285
WHITE: B289
BLACK: B293



PN-200002289

4x

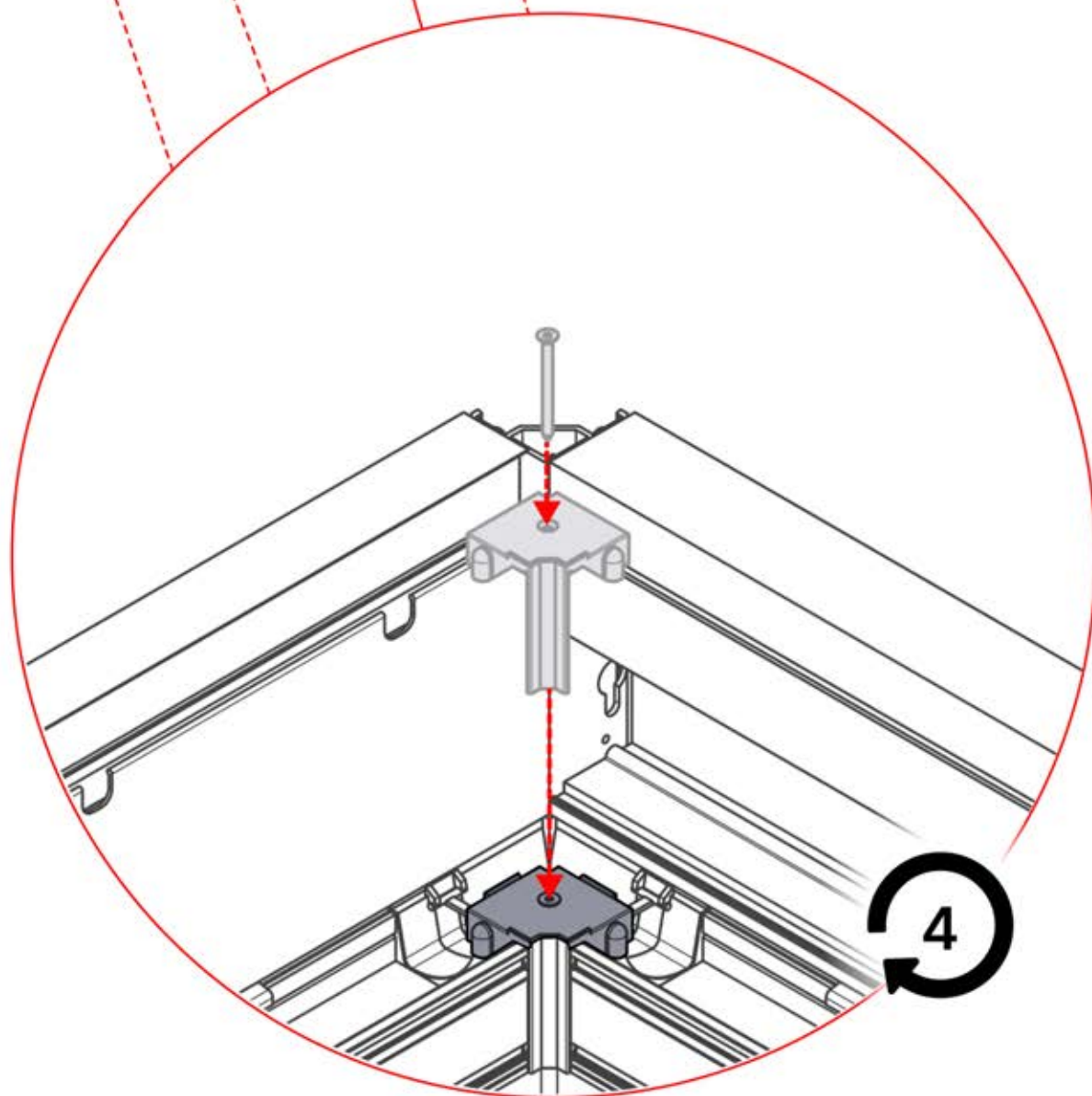
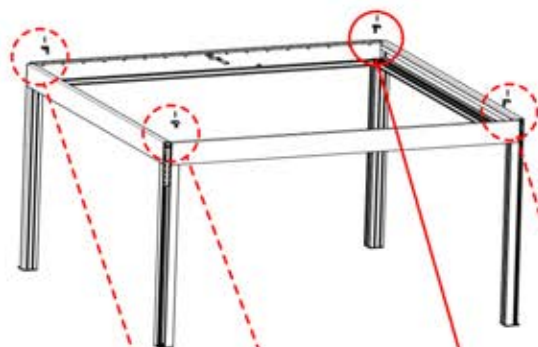
PN-20000
3496



PN-200000958

4x

PN-20000
3756



17



2

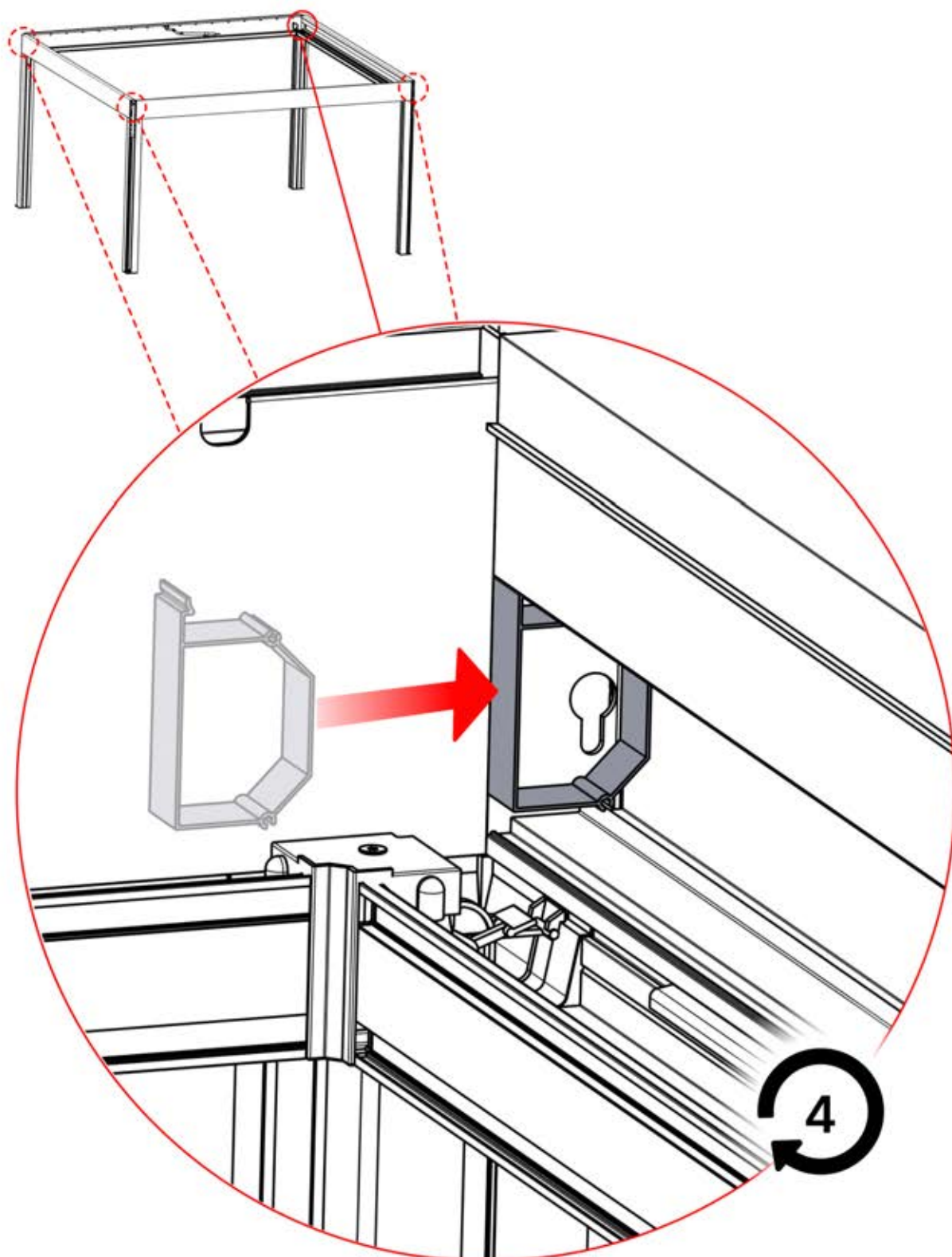
ANTHRACITE: B285
WHITE: B289
BLACK: B293



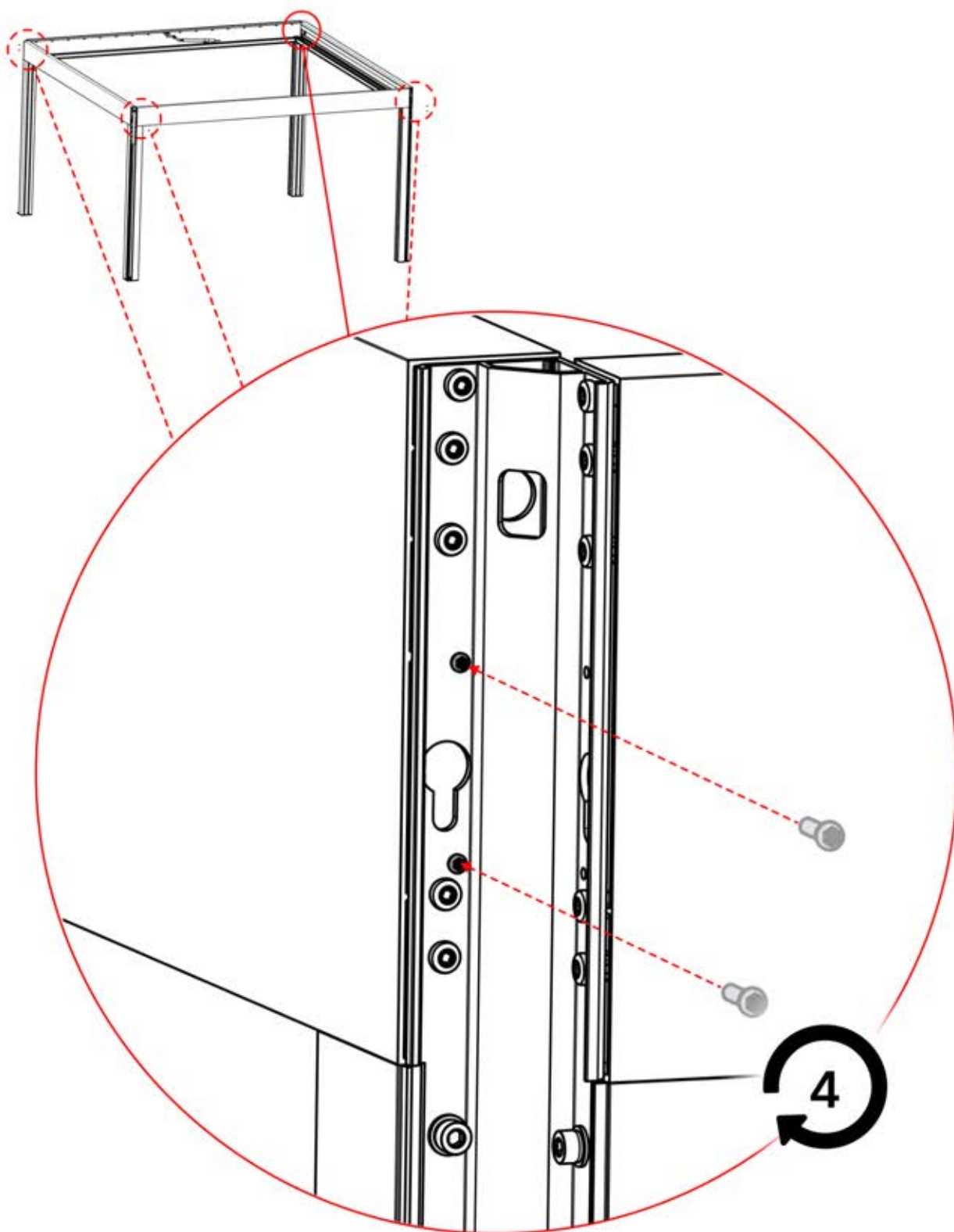
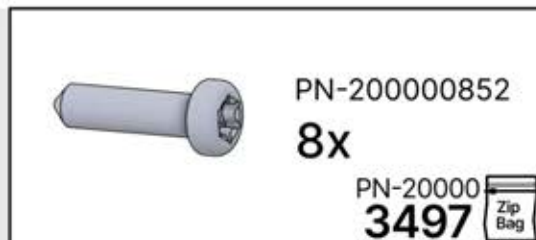
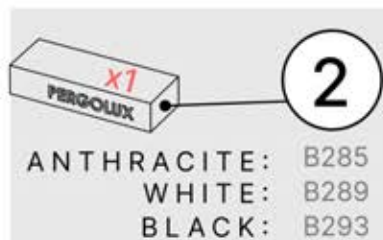
PN-200002329

4x

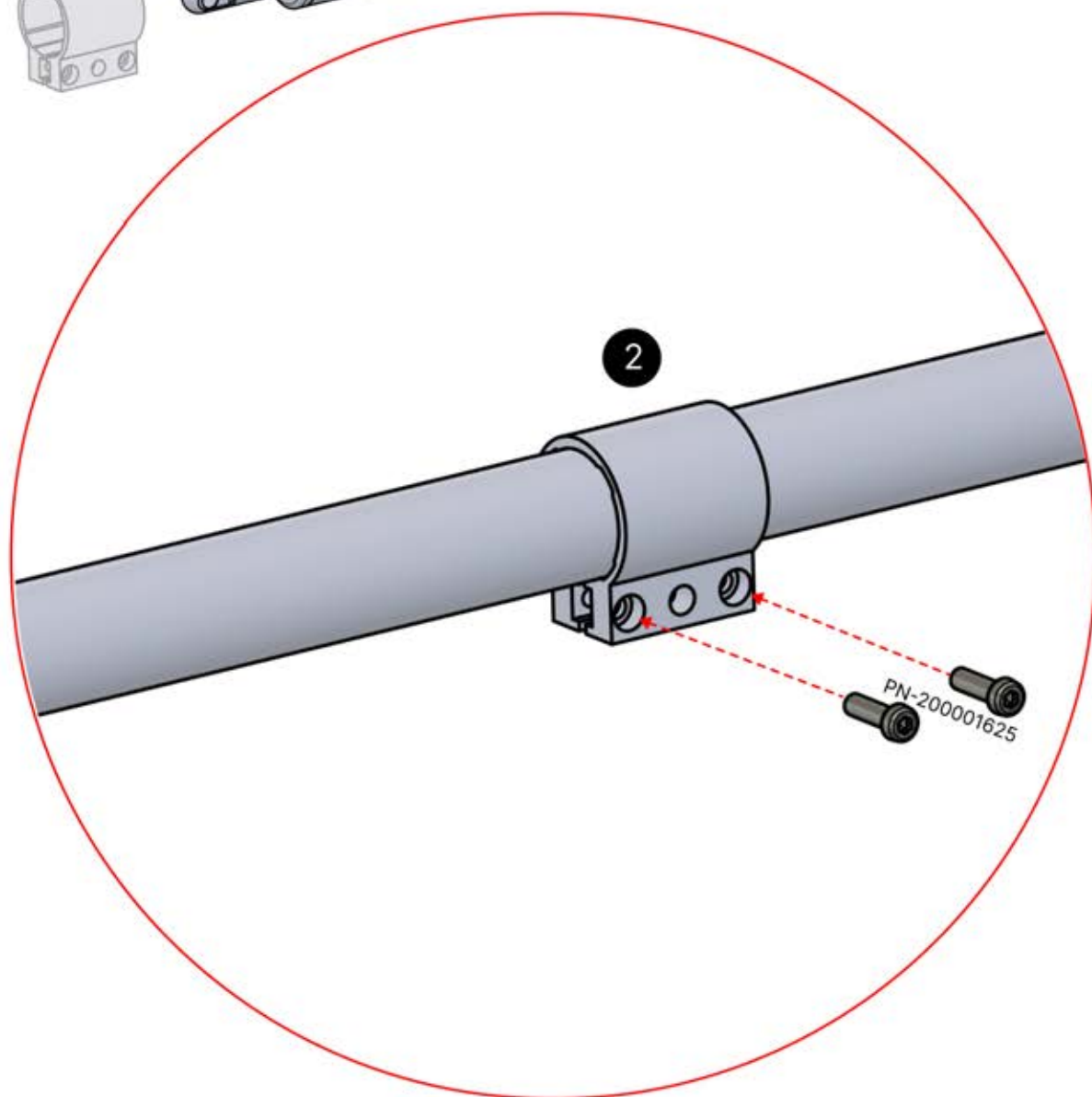
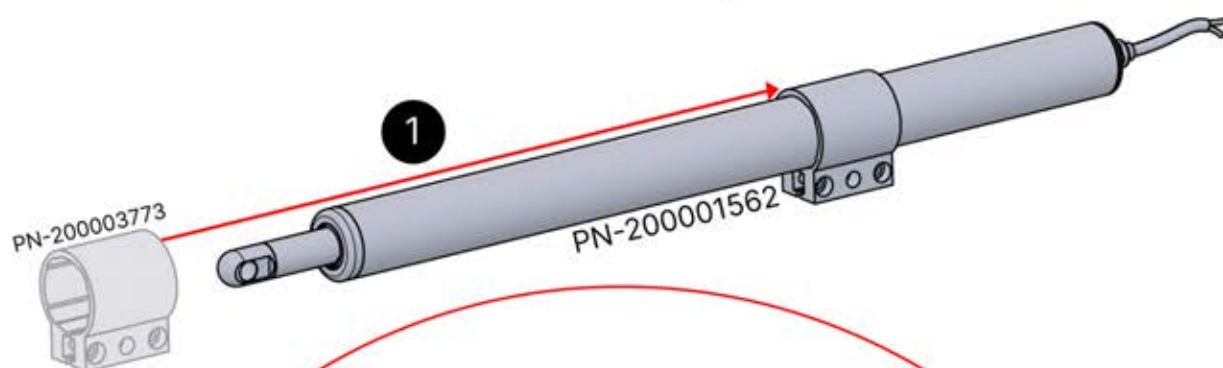
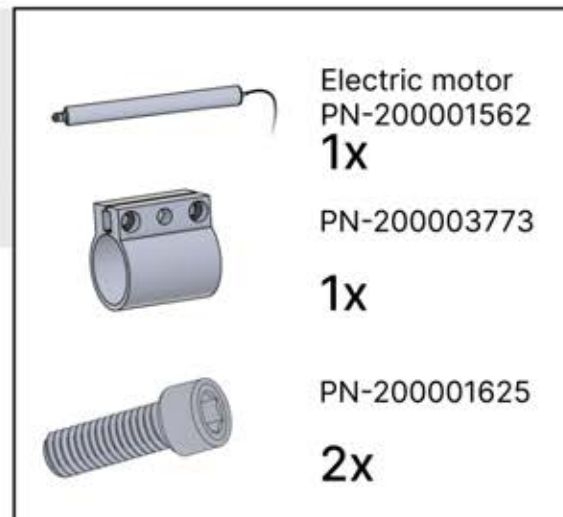
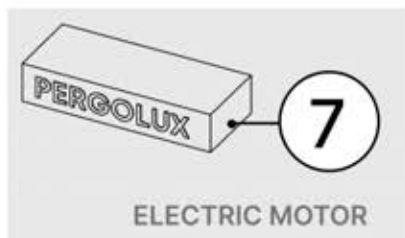
PN-20000
3497



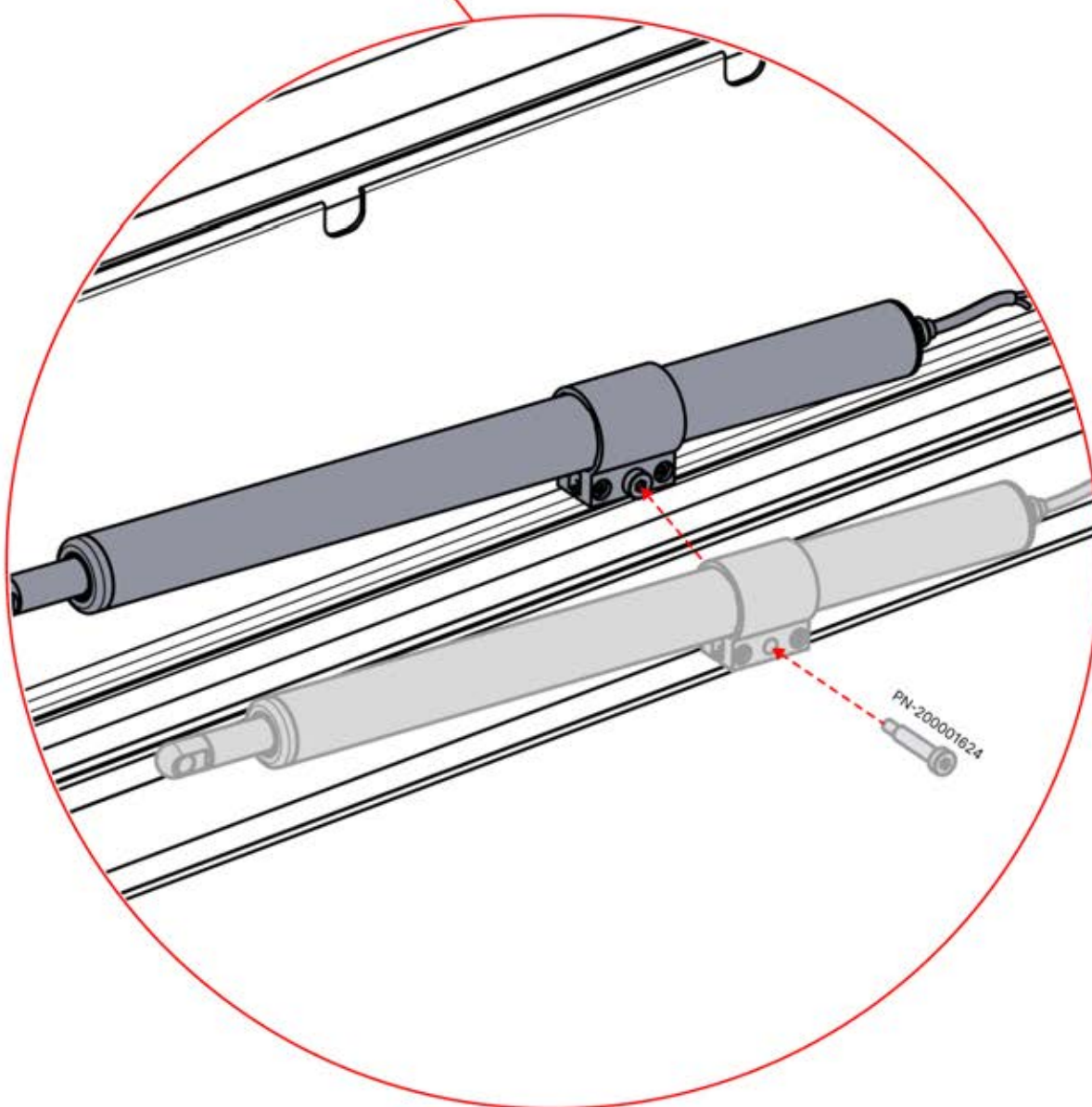
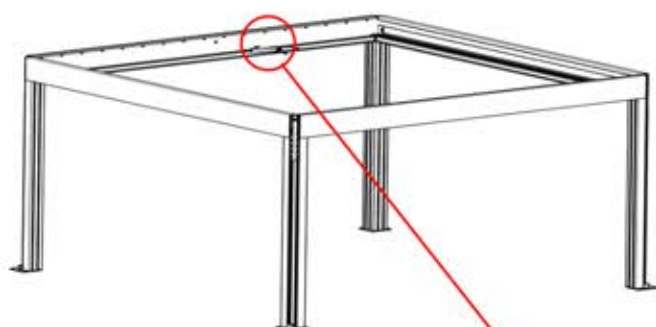
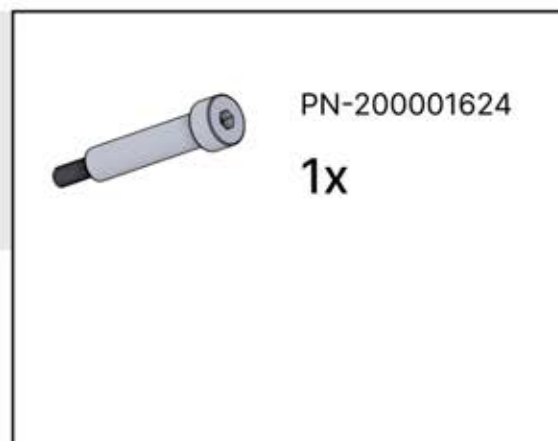
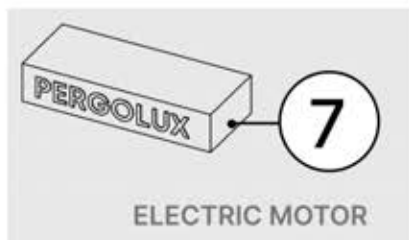
18



19

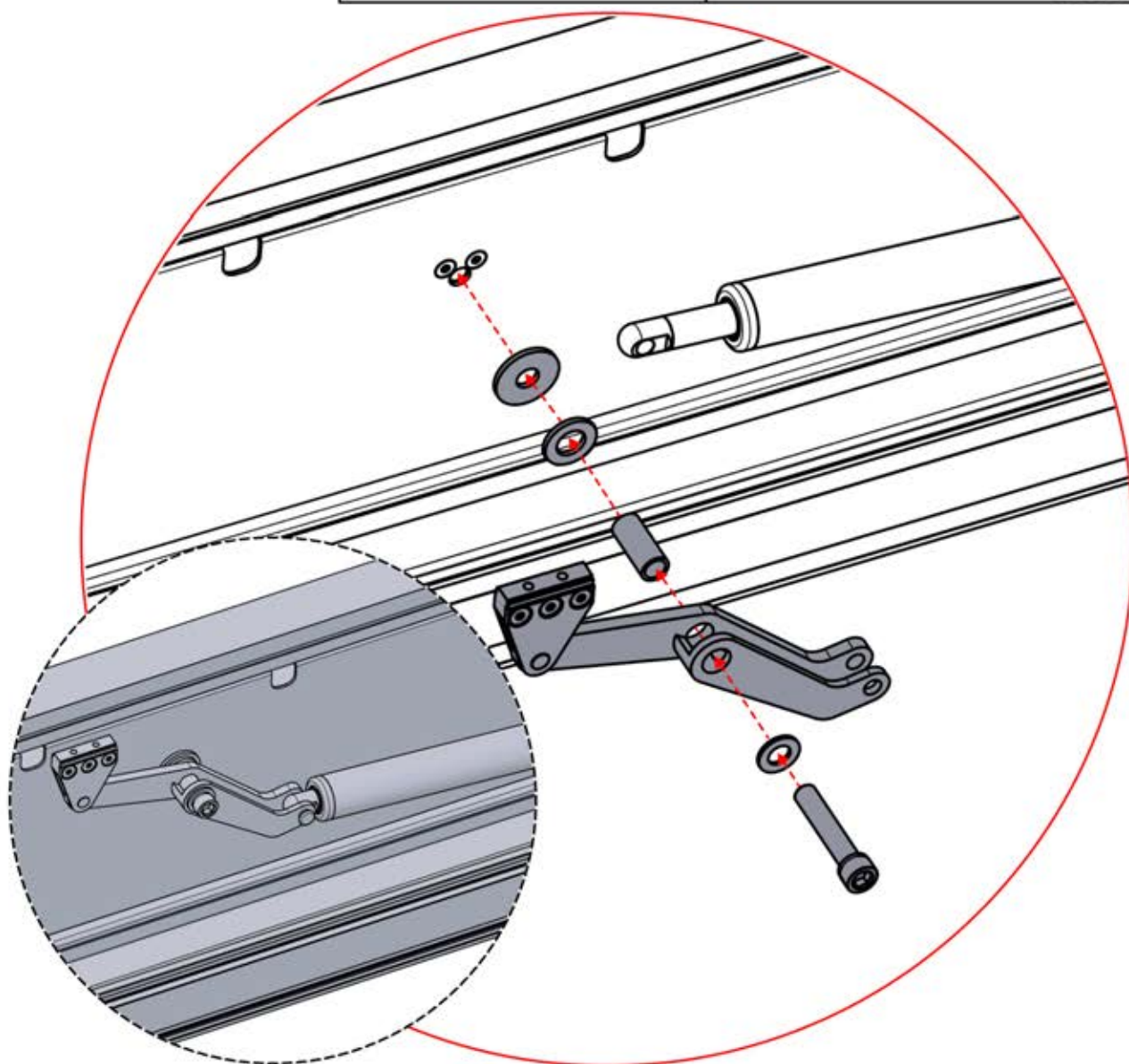


20

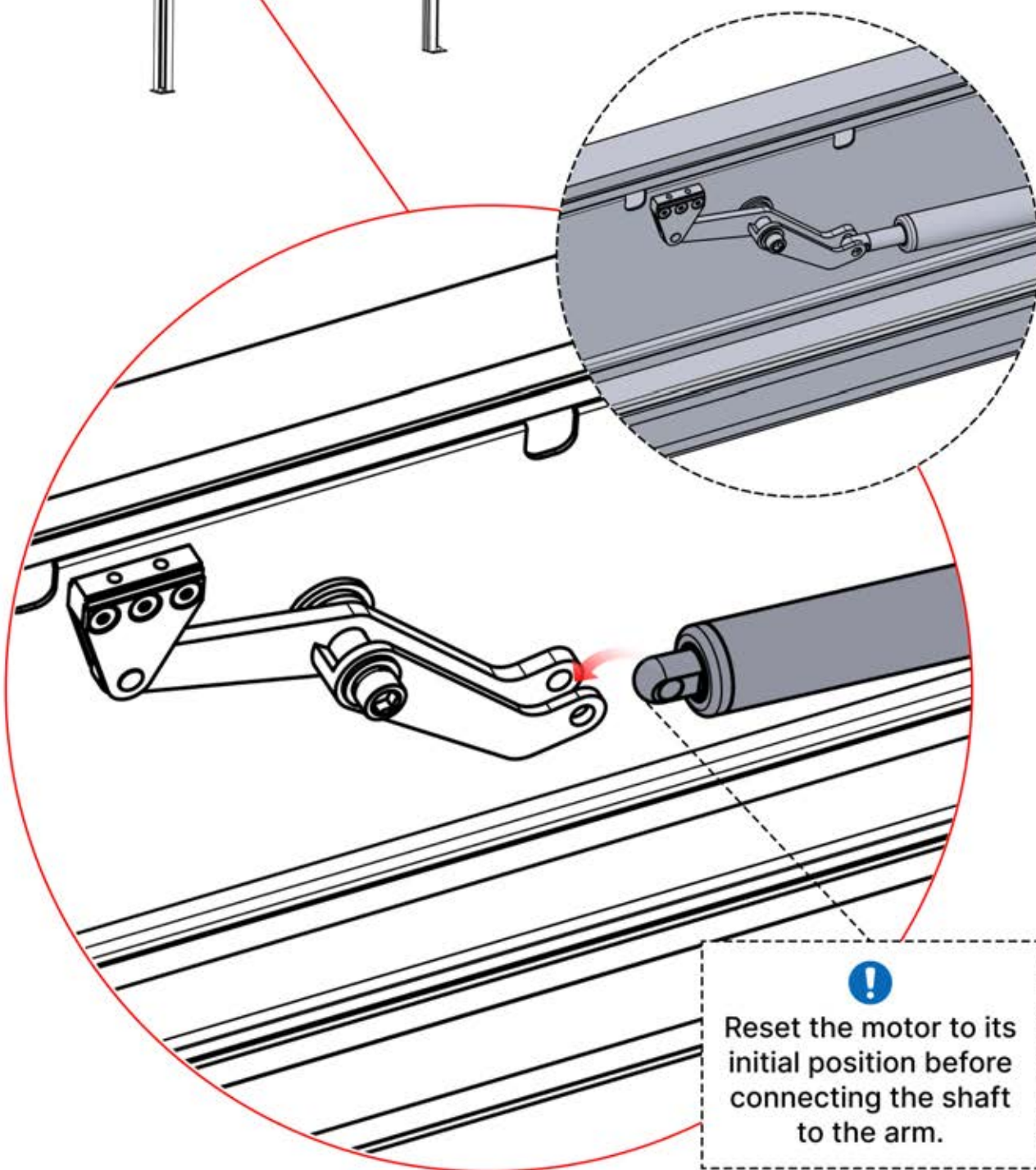
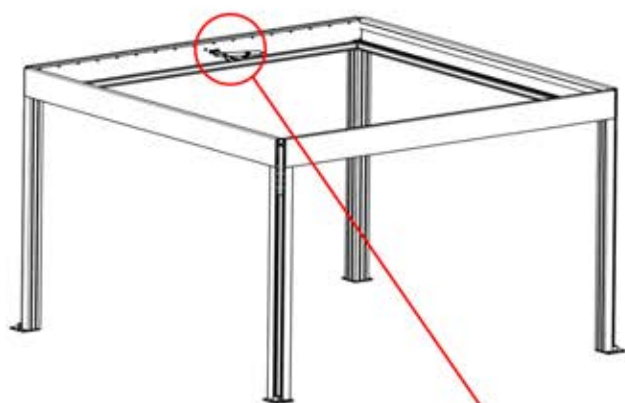


21

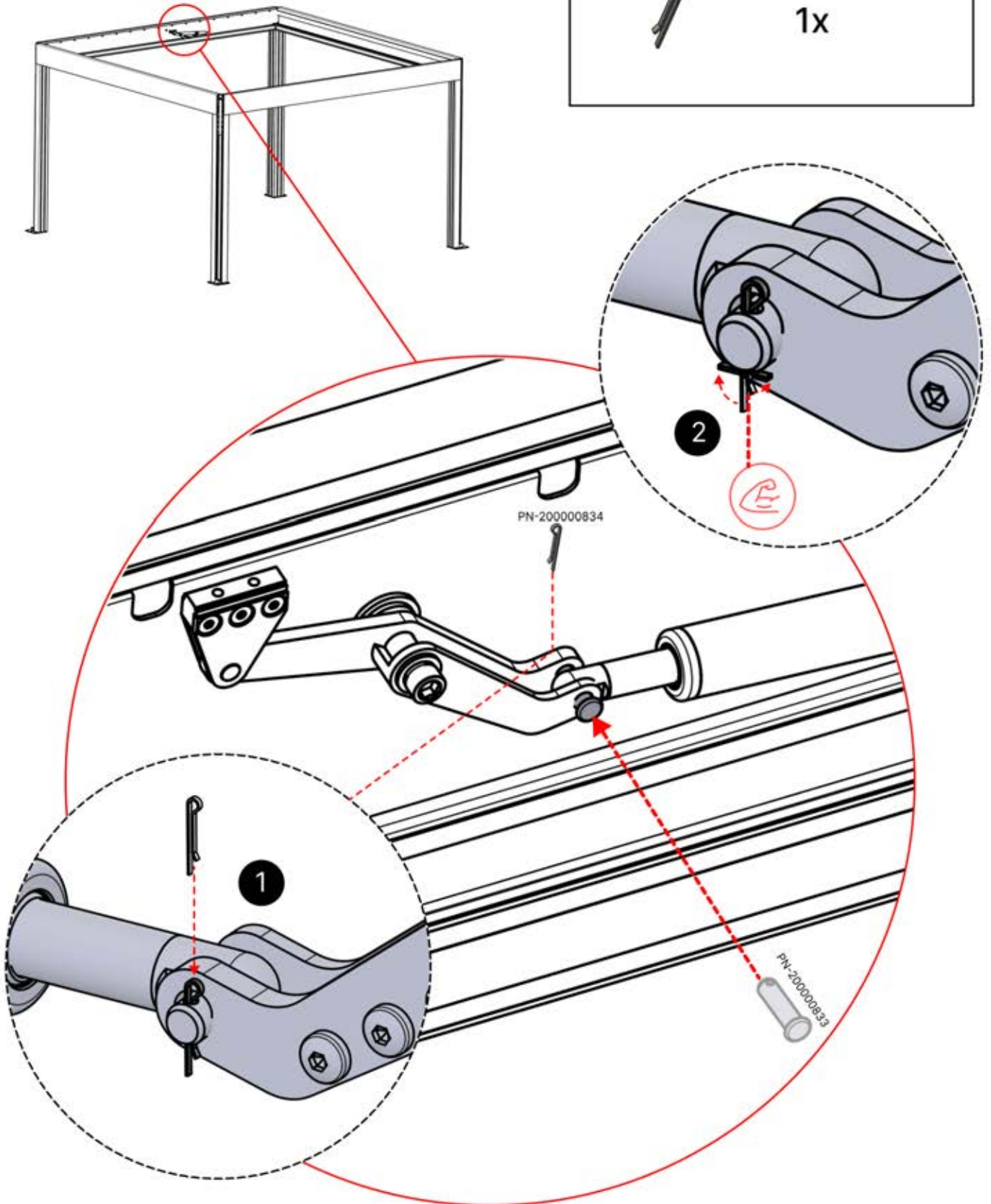
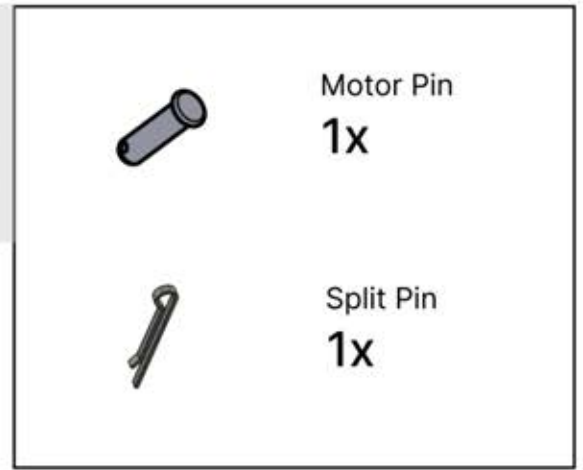
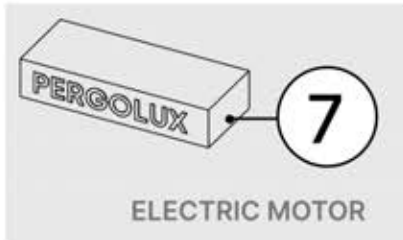
 ANTHRACITE: B285 WHITE: B289 BLACK: B293	 PN-200002326 1x  PN-200002328 2x  PN-200002327 1x  PN-200002333 1x  PN-200002355 1x PN-20000 3751 
 PN-200003500 1x  PN-200002330 1x  PN-200002324 1x	



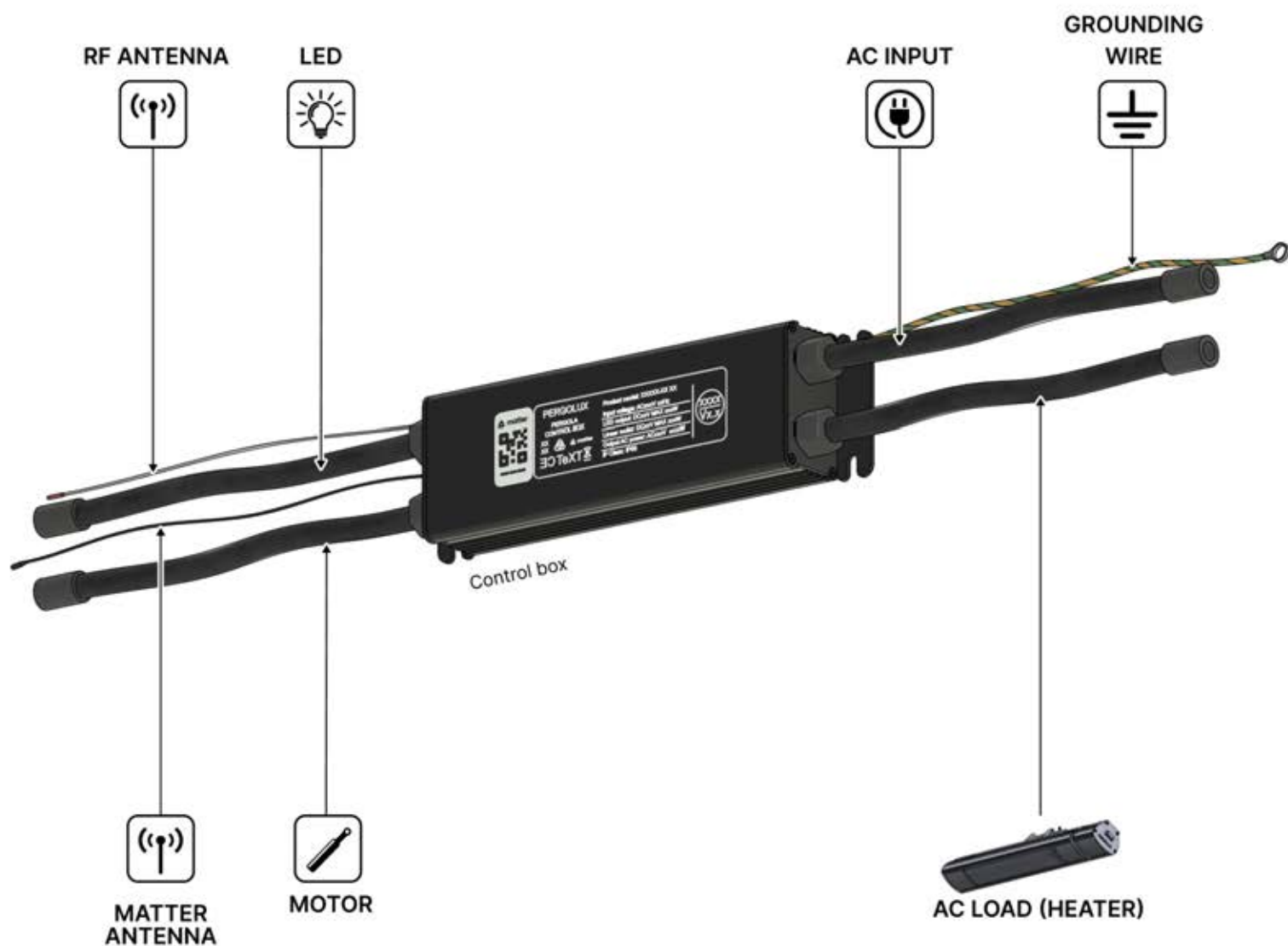
22



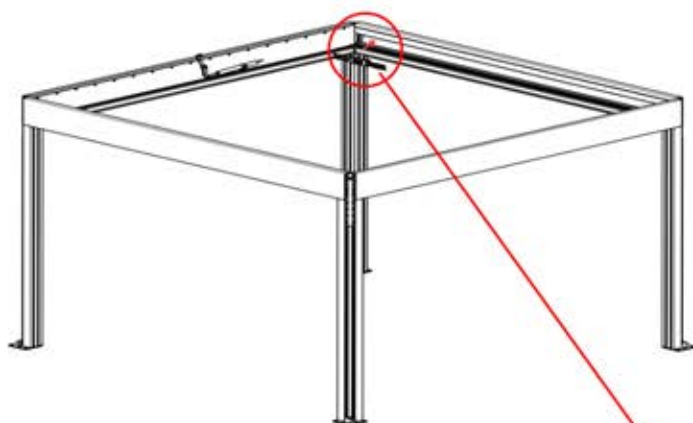
23



INPUTS AND OUTPUTS

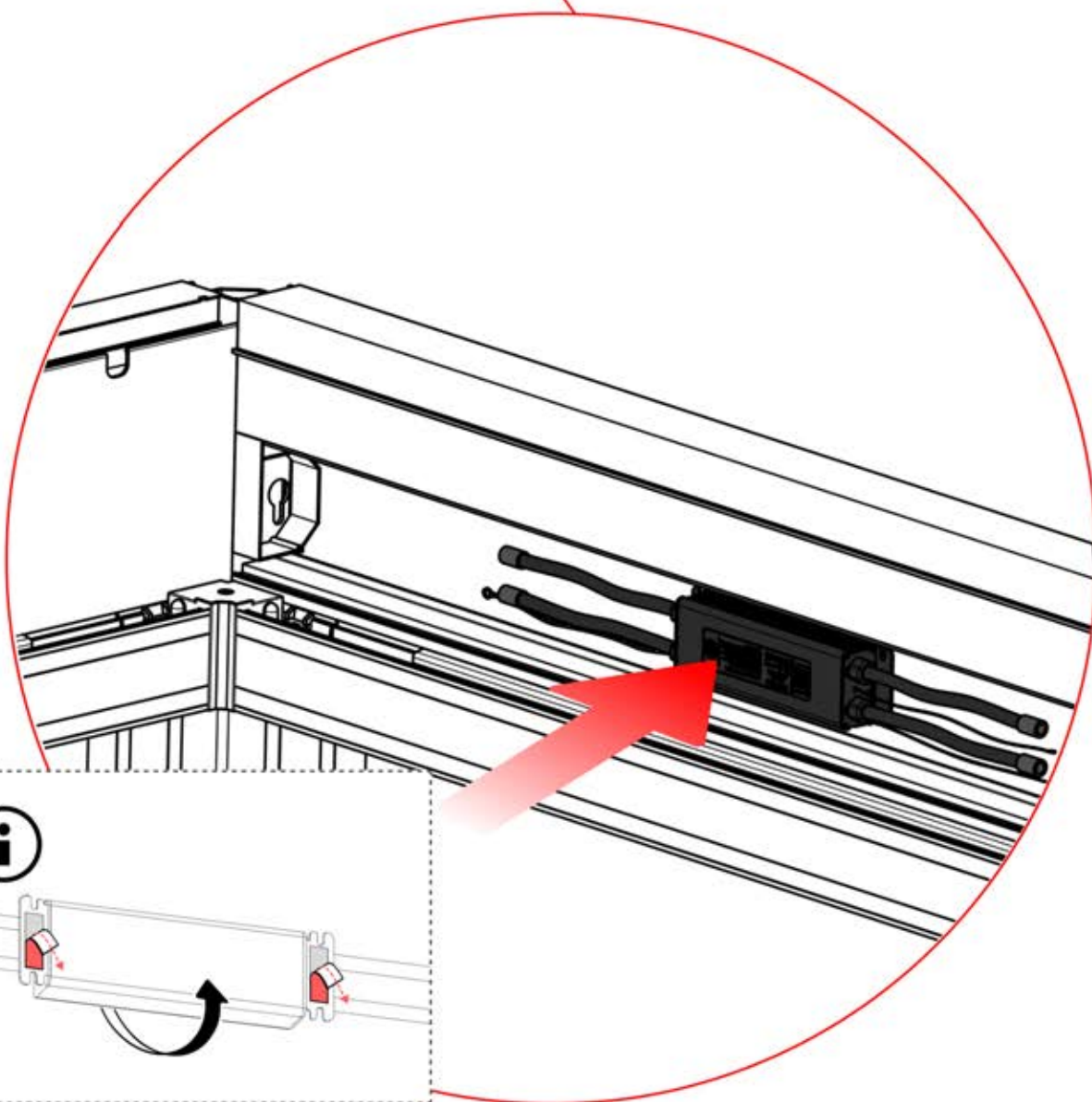


24

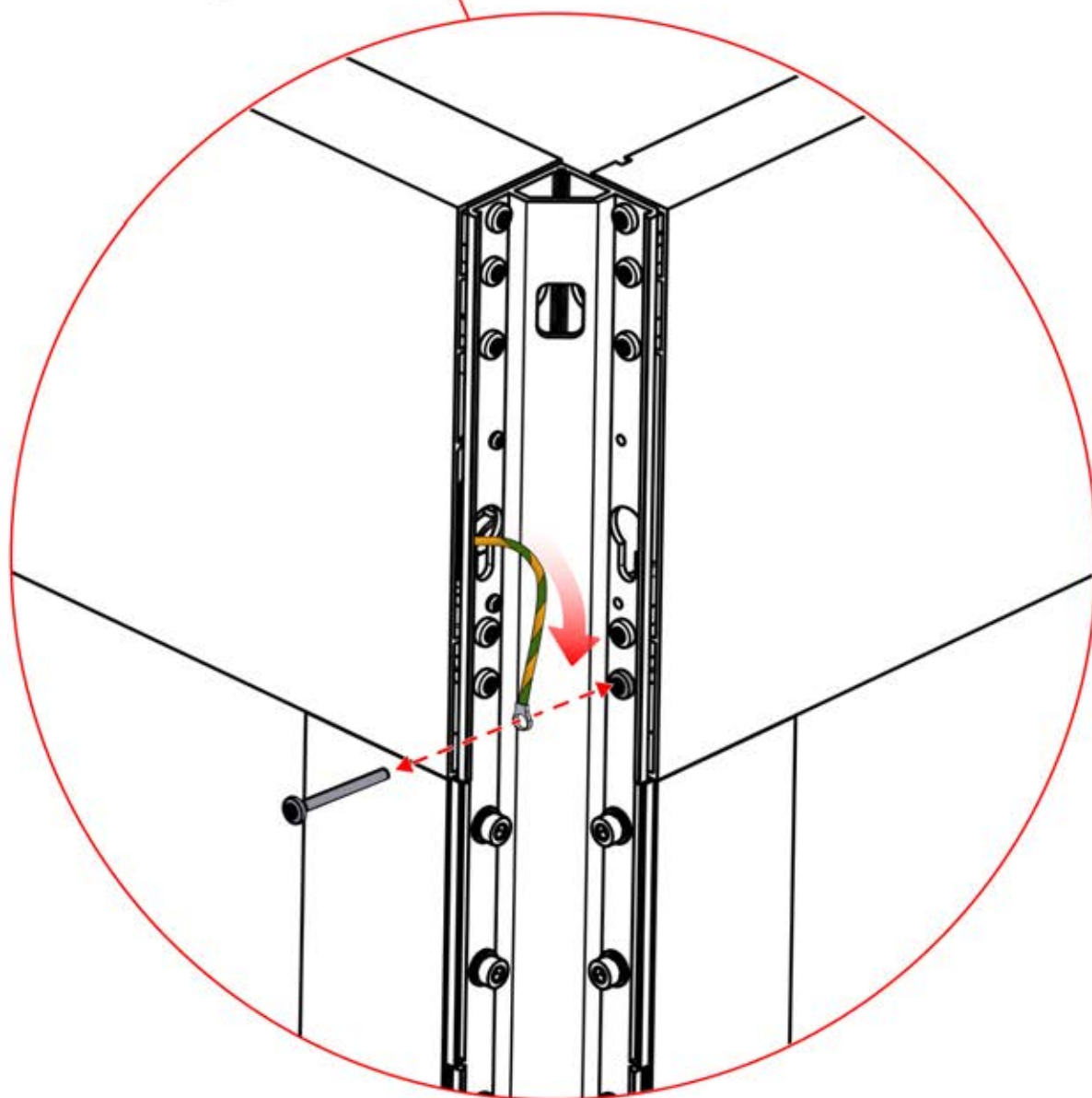
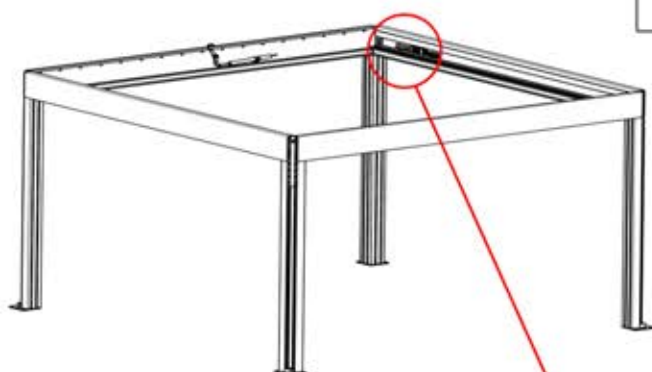
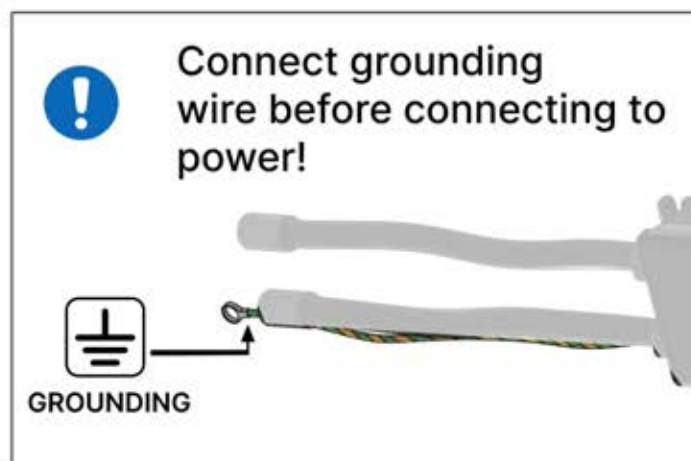


!

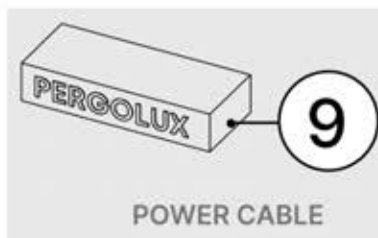
Control Box can be installed on Preferred W BEAM



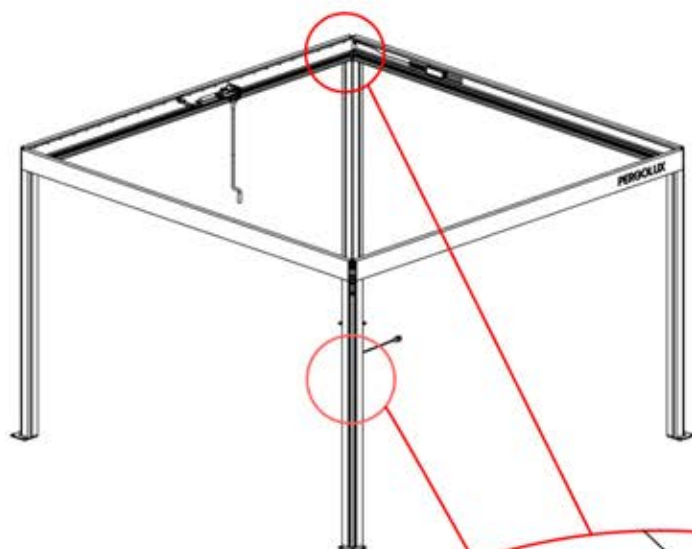
25



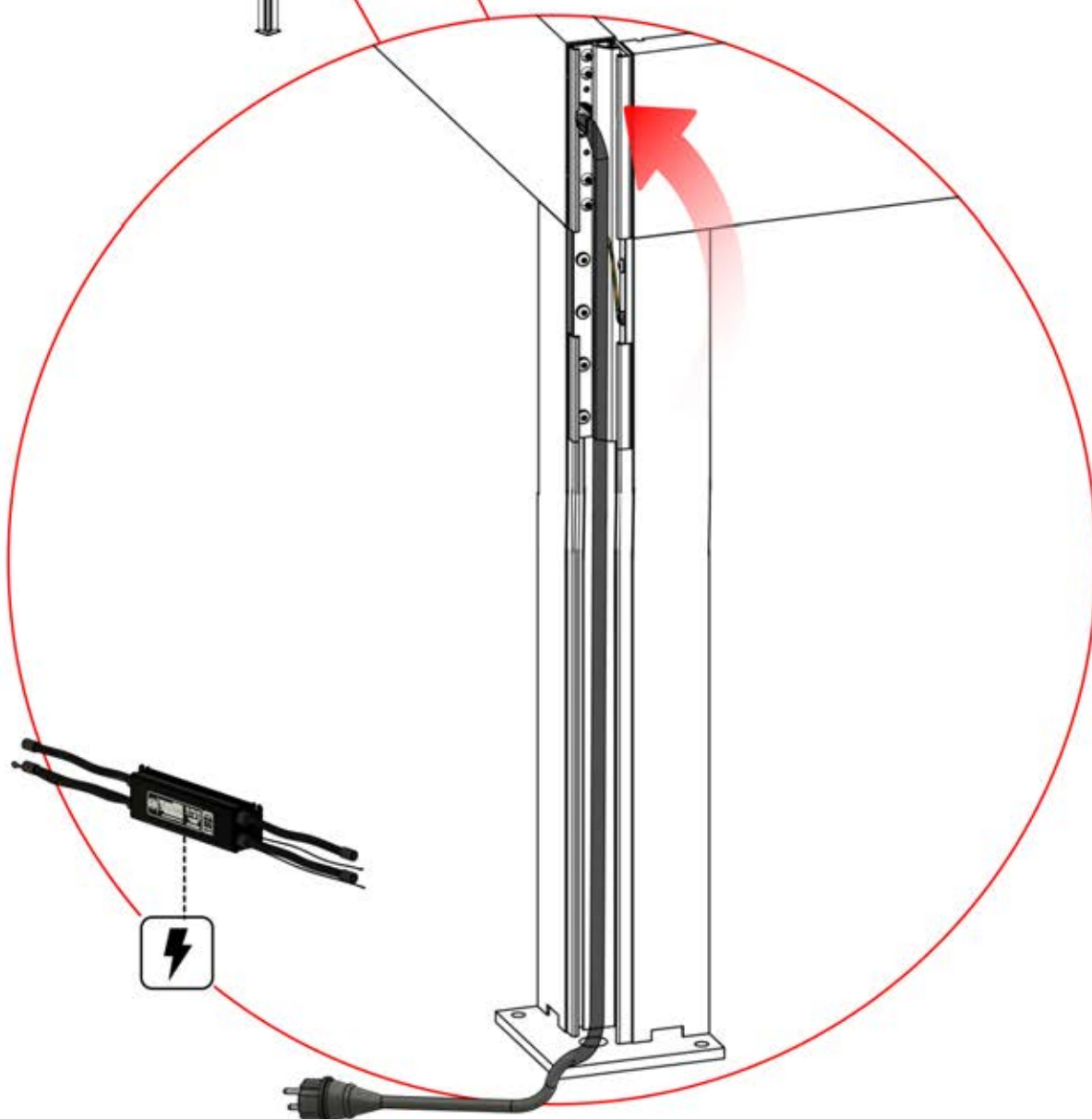
26



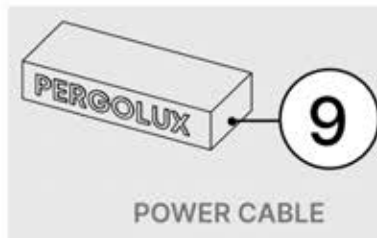
Power cable
PN-200003781
1x



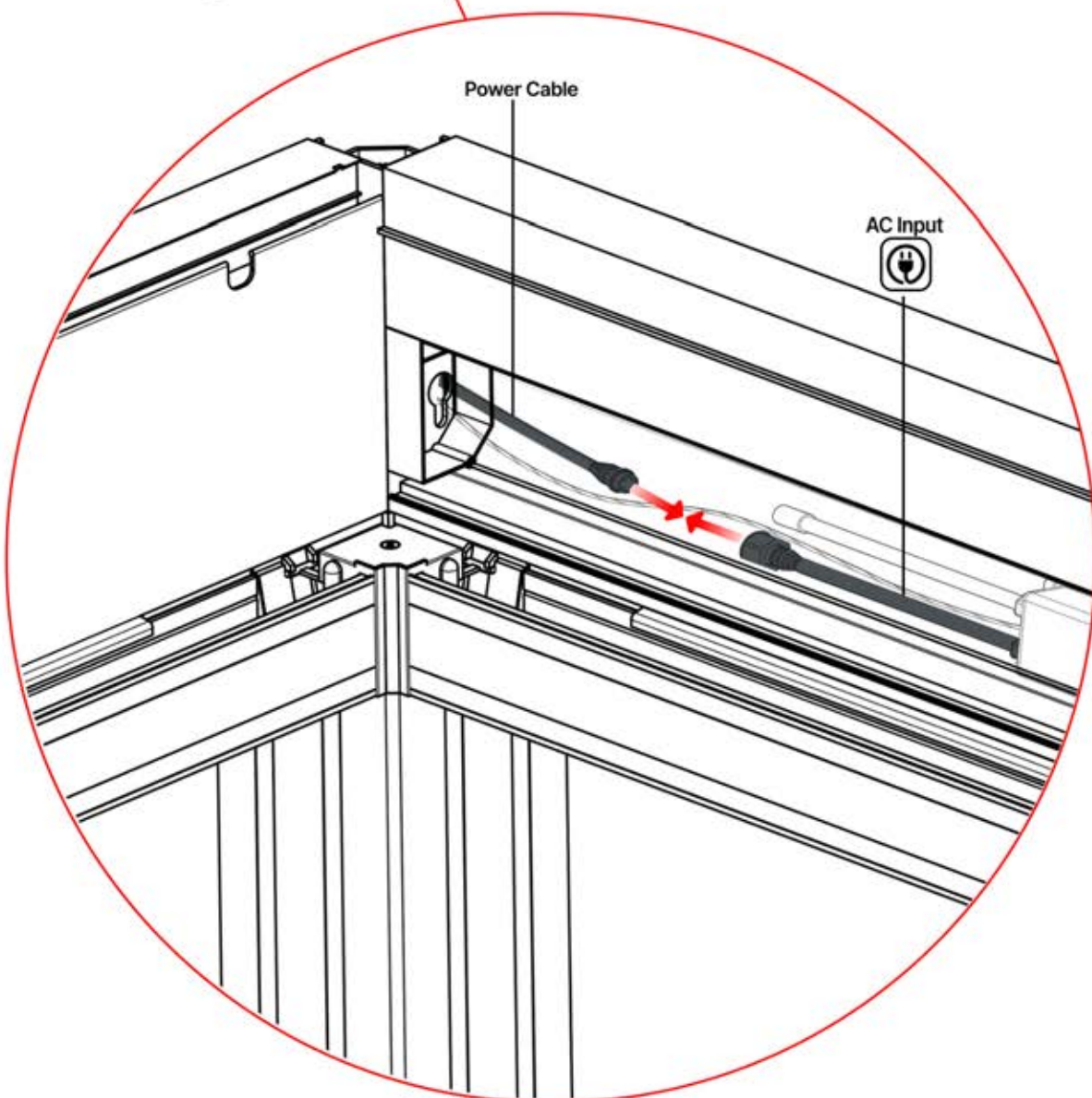
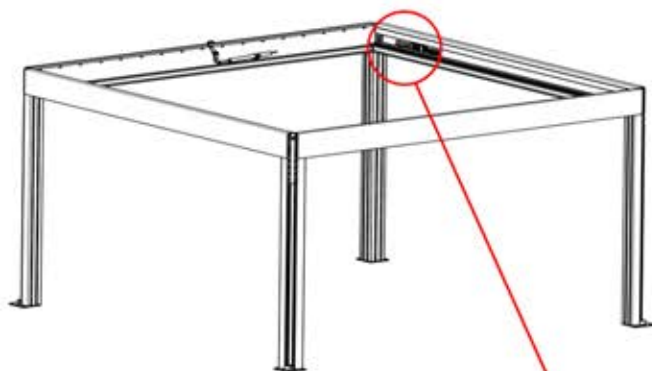
Power Cable can be
routed through all
the Poles.



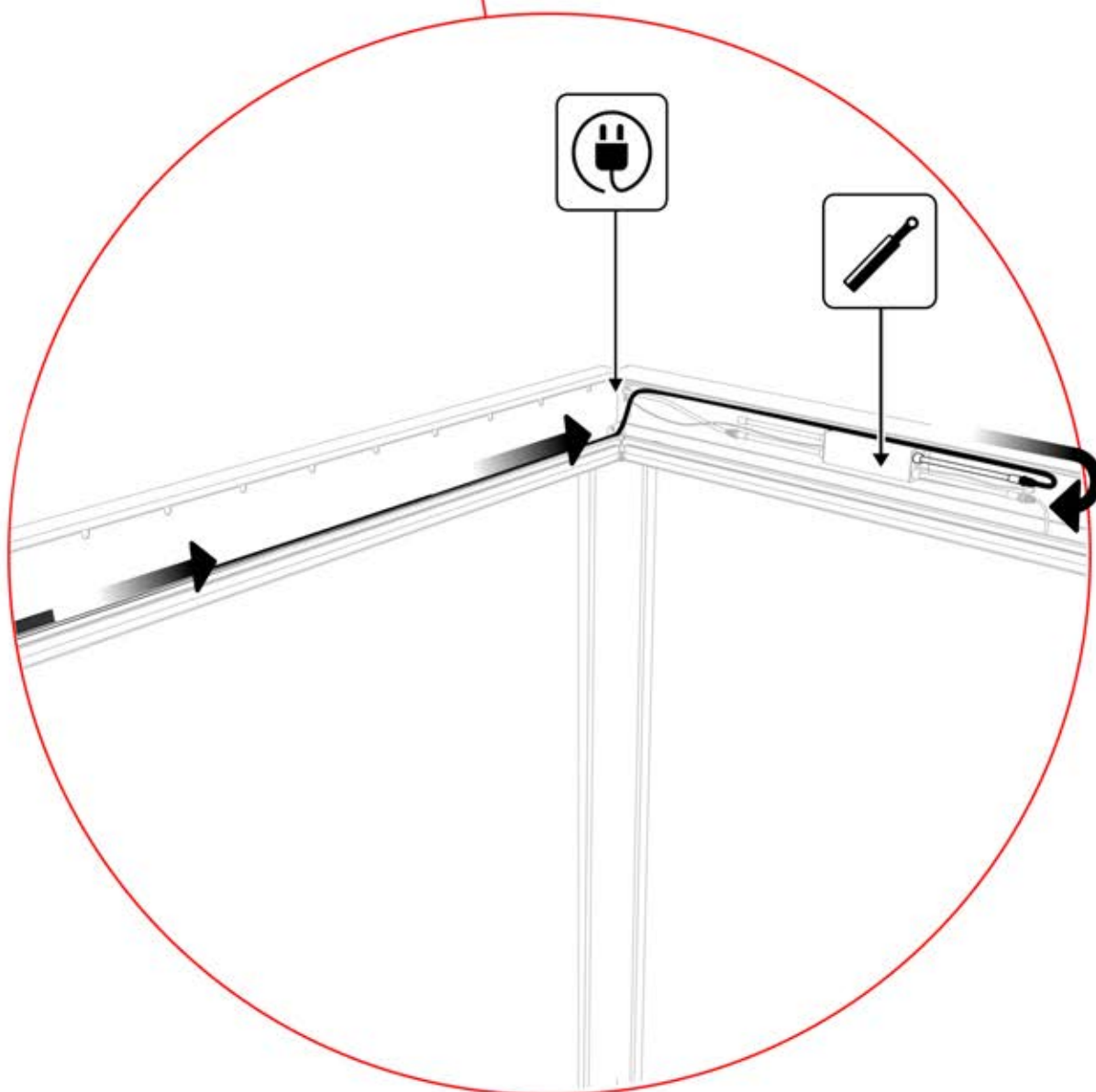
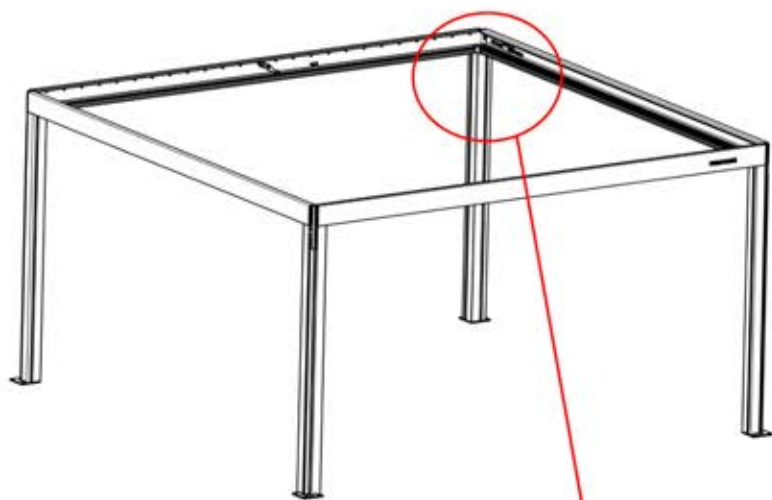
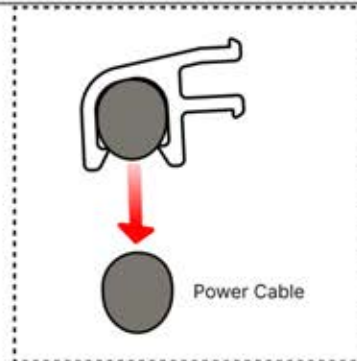
27



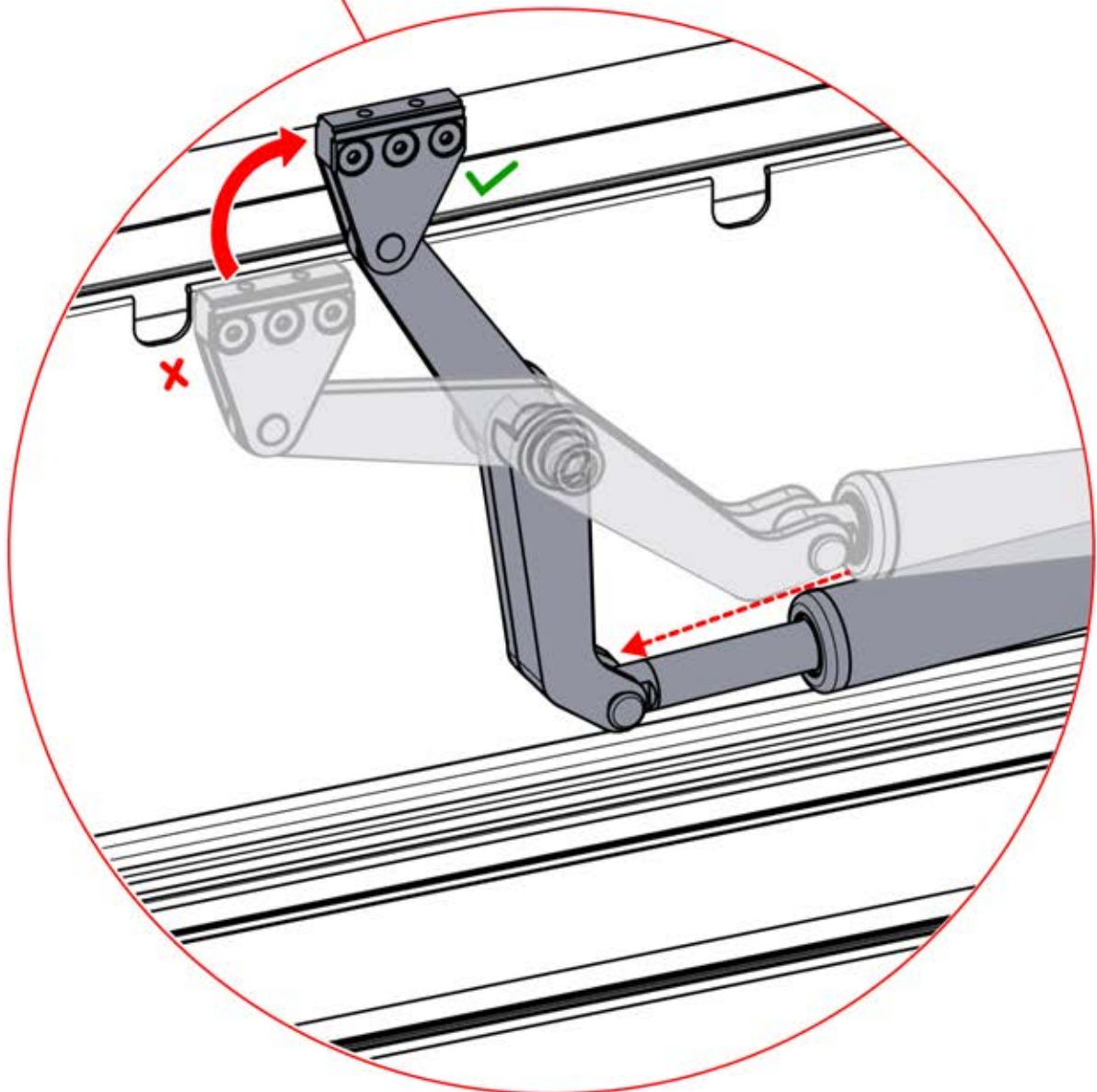
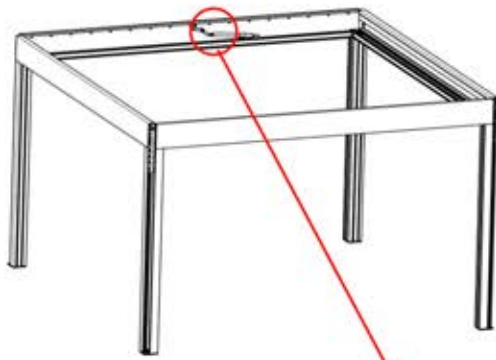
Power cable
PN-200003781
1x



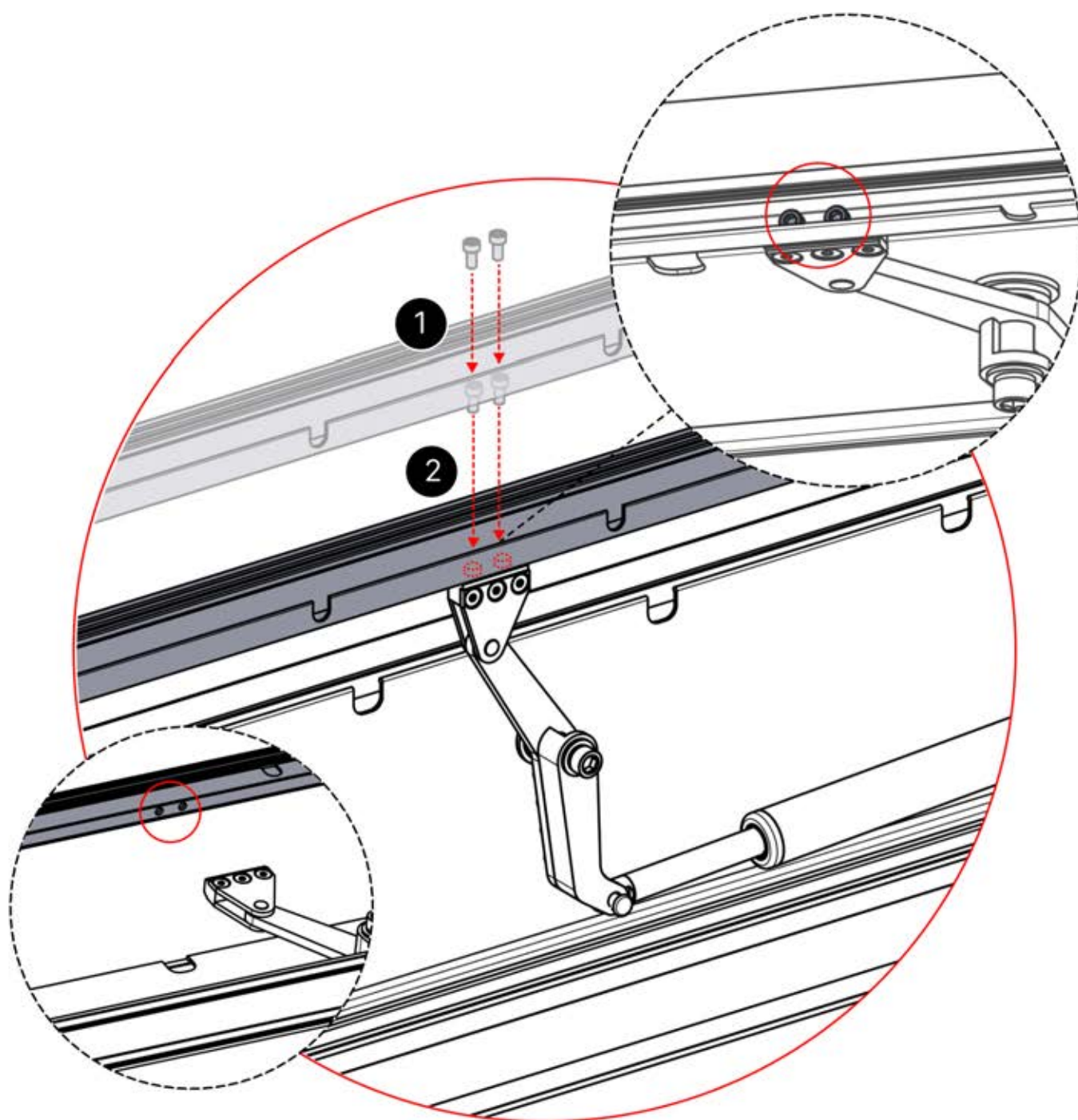
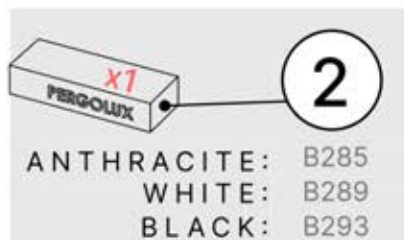
28



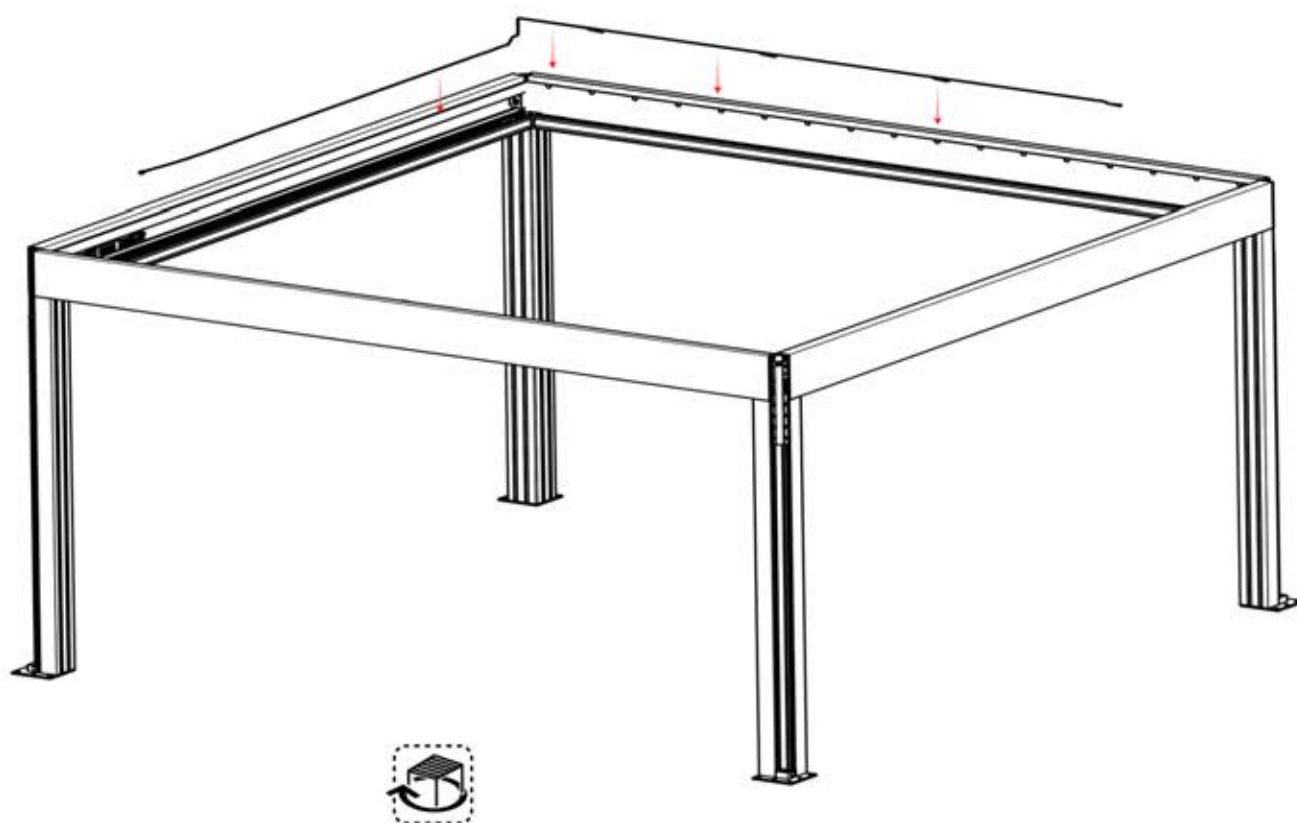
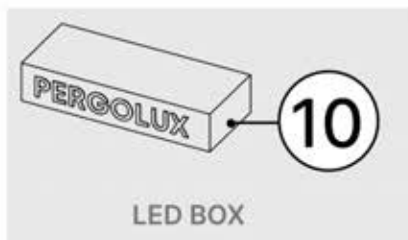
29



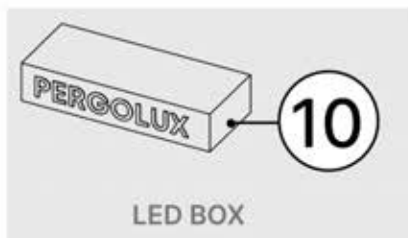
30



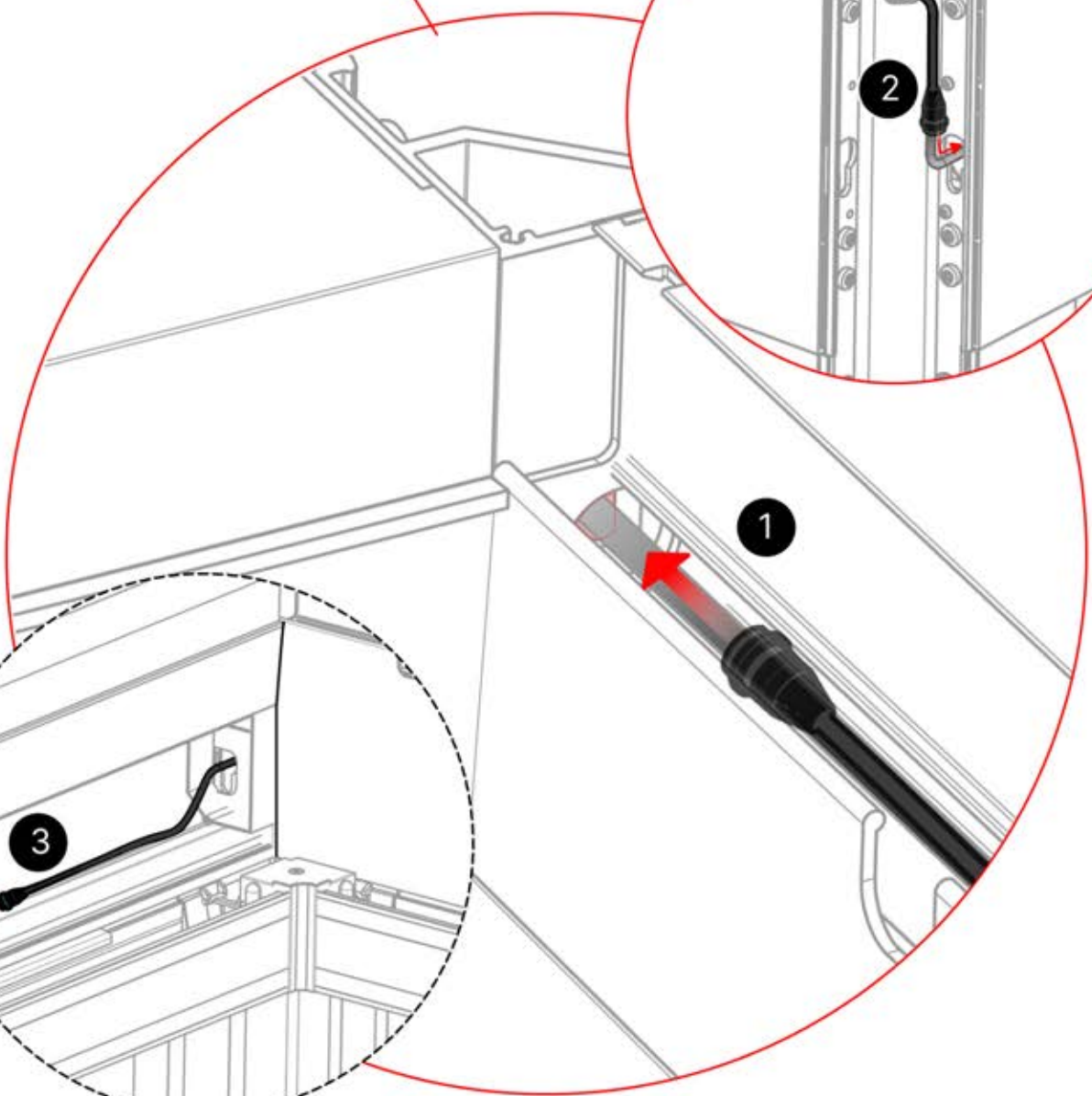
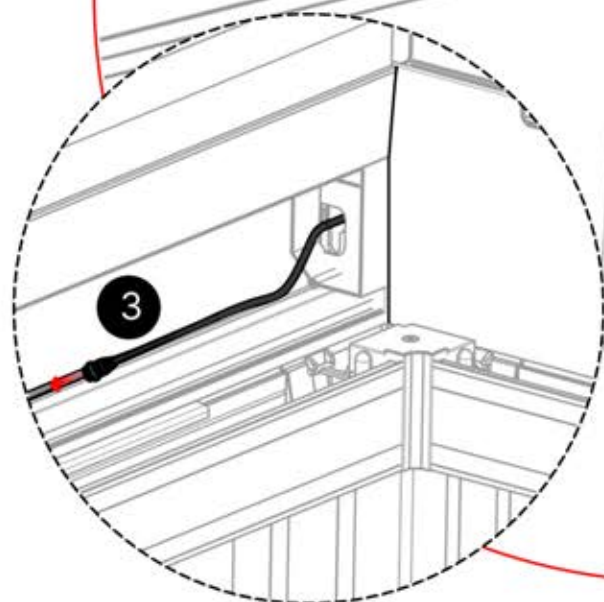
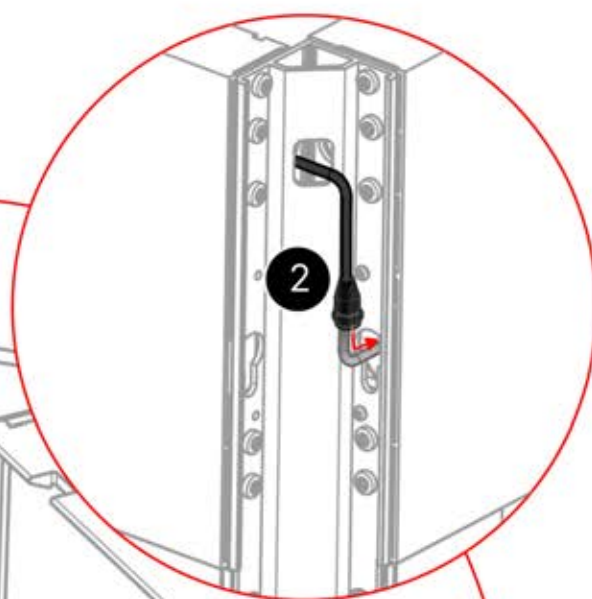
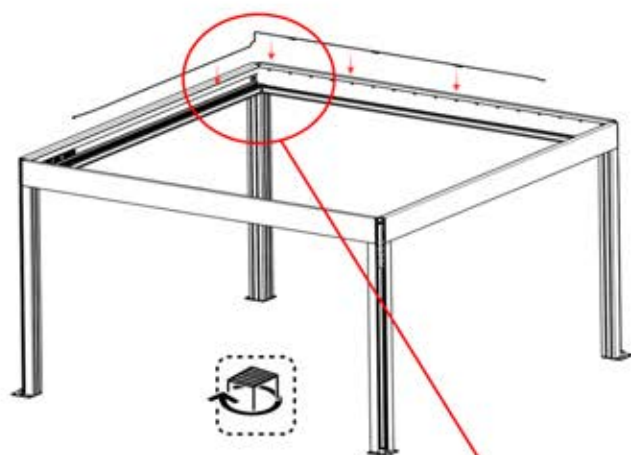
31



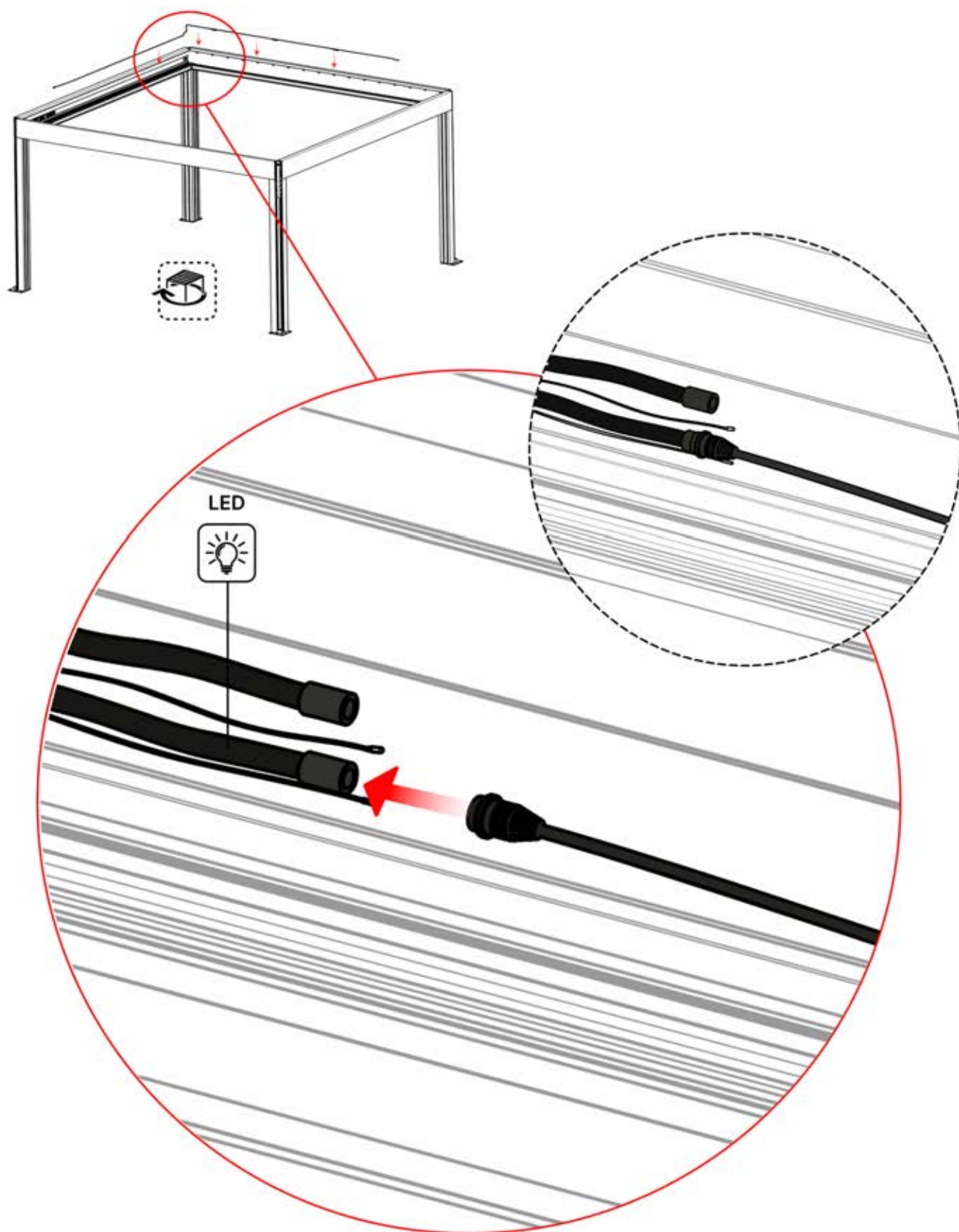
32



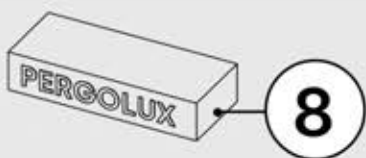
6 LED HARNESS



33



34



8

CONTROL BOX

!

Keep the Matter Antenna wire free and do not tie them with LED and Motor wire

S4

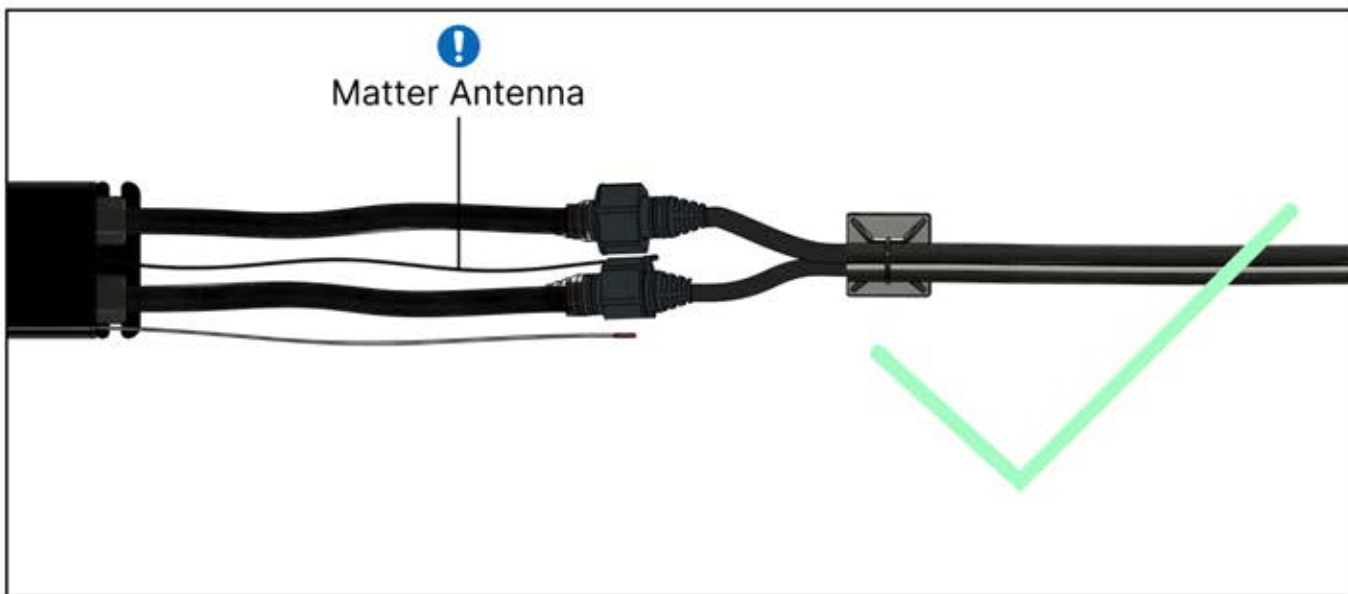
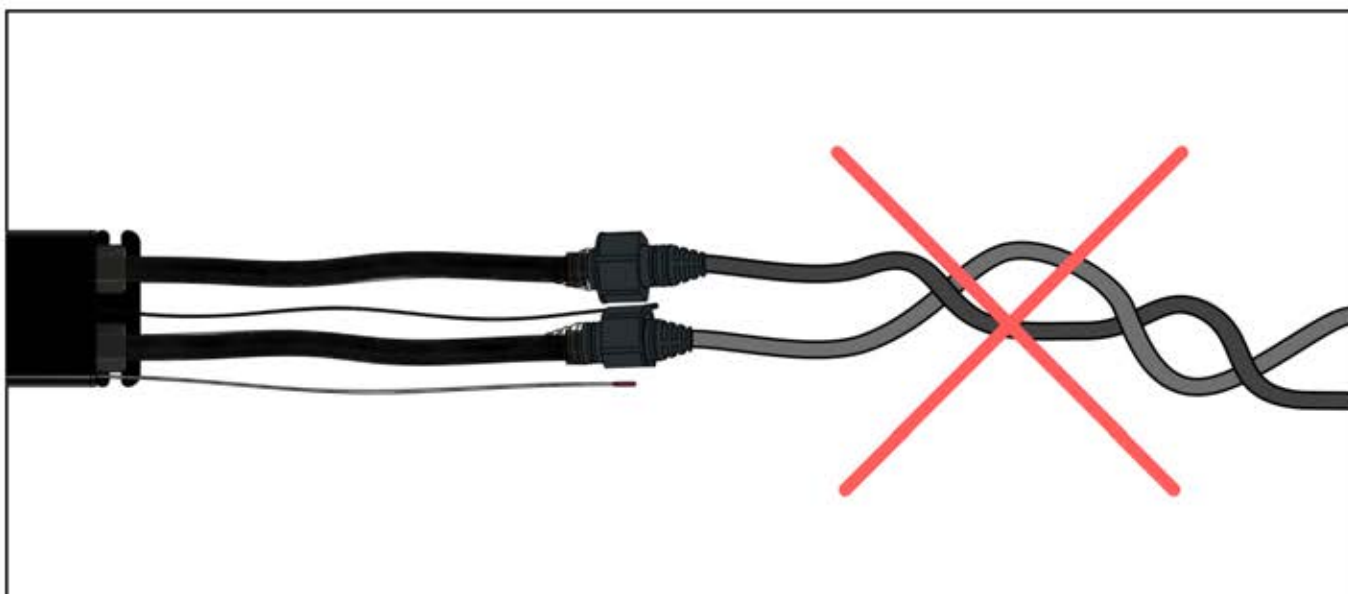


PN-200002683

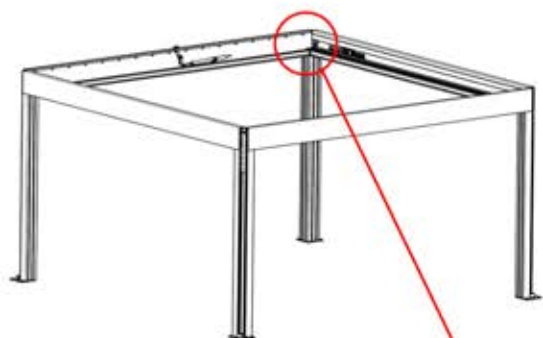
5x

PN-200002684

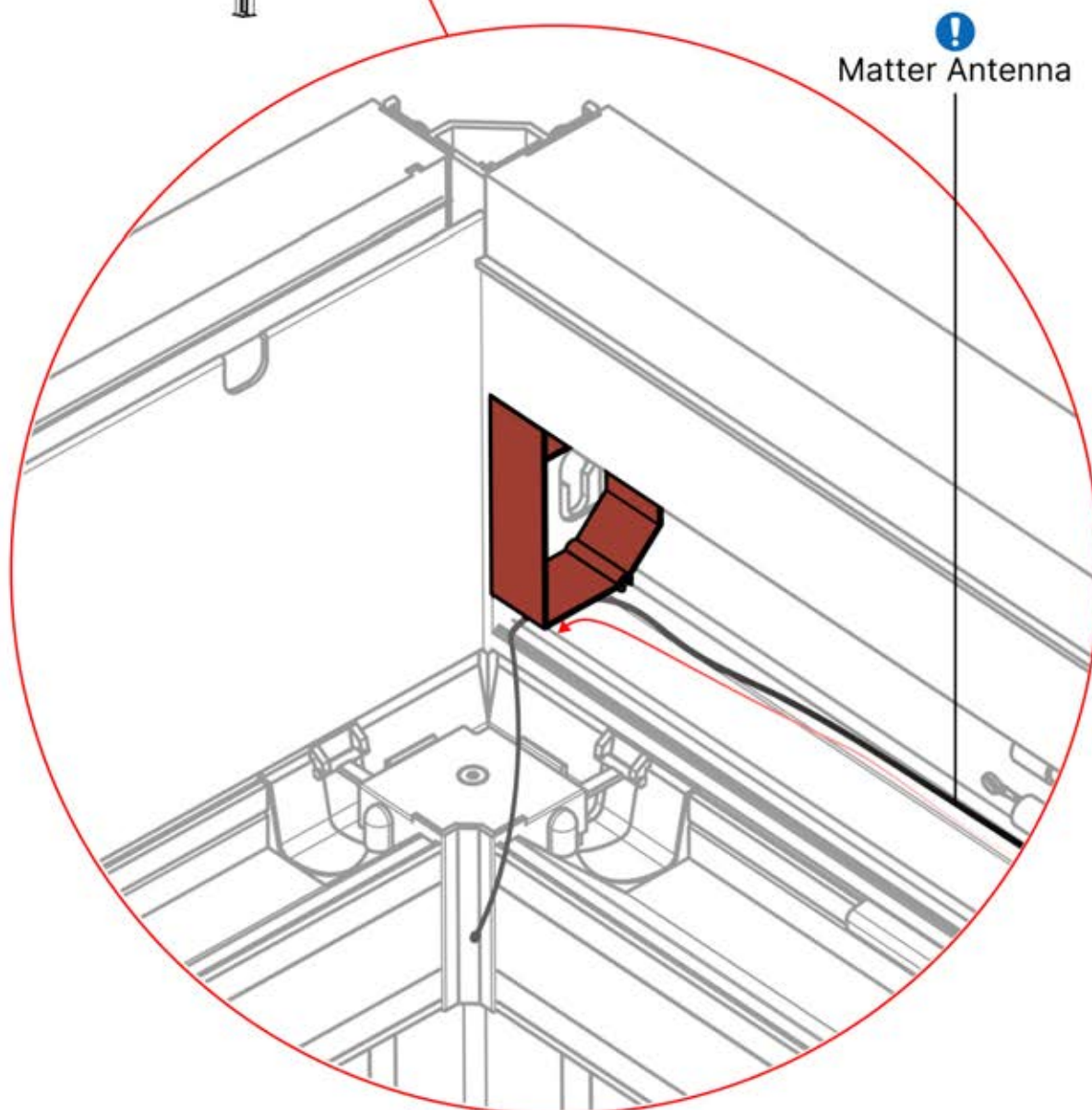
10x



35

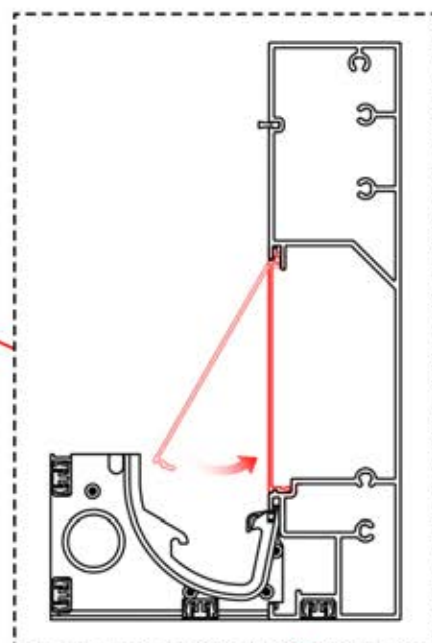
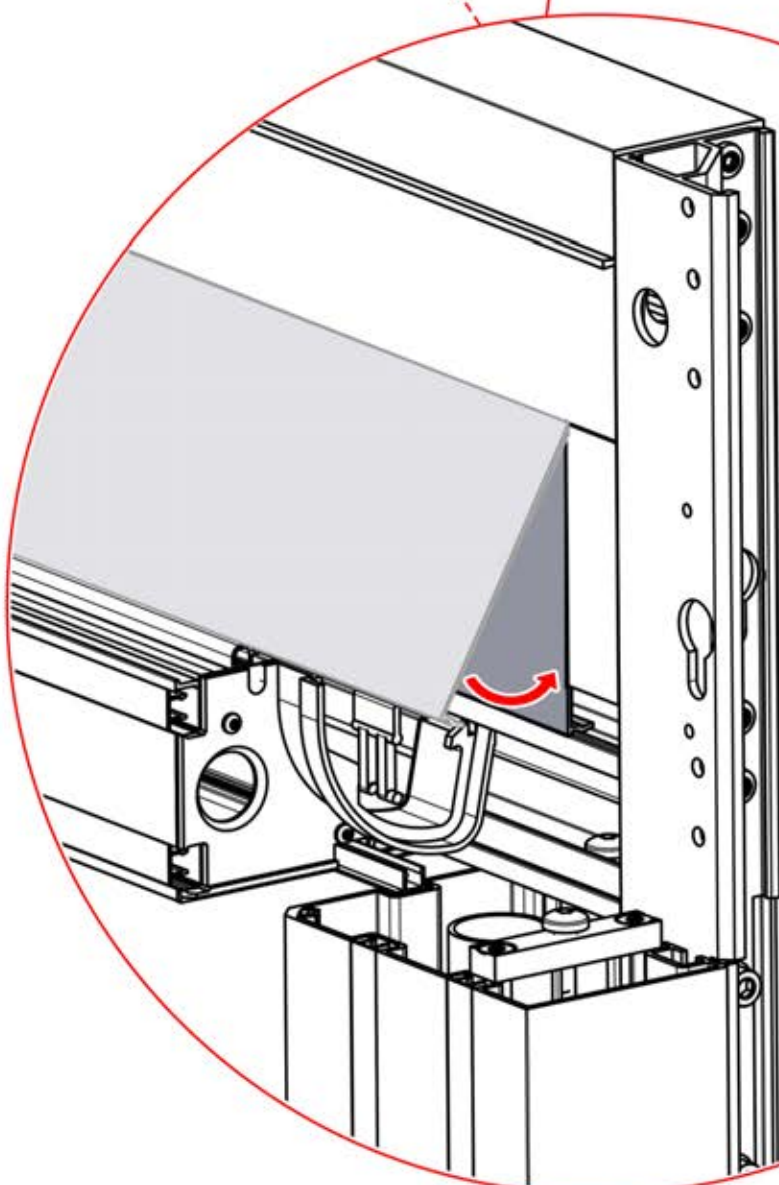
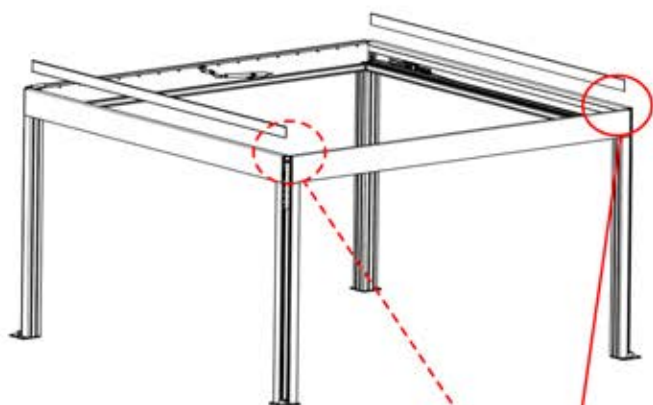
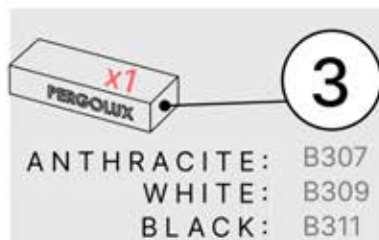



Route the Matter
Antenna and place it
below the highlighted
part(PN-200002329).

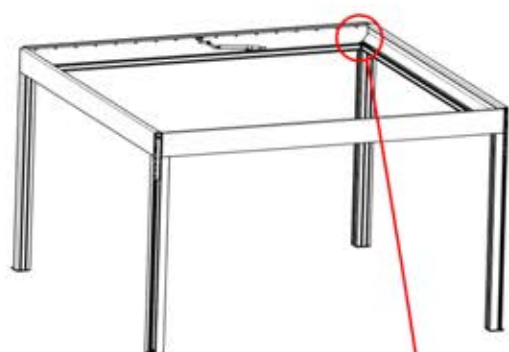



Matter Antenna

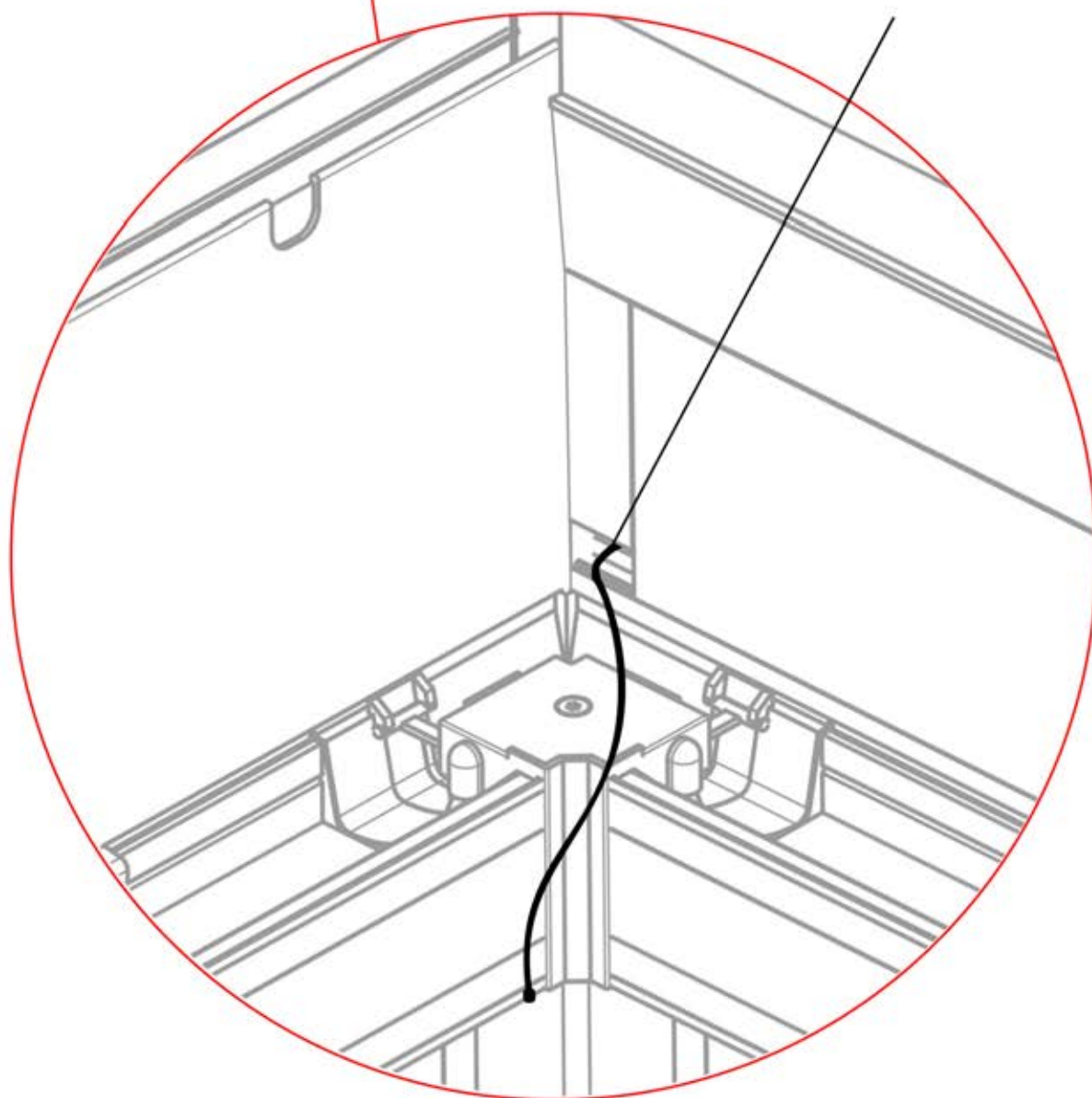
36



INFORMATION



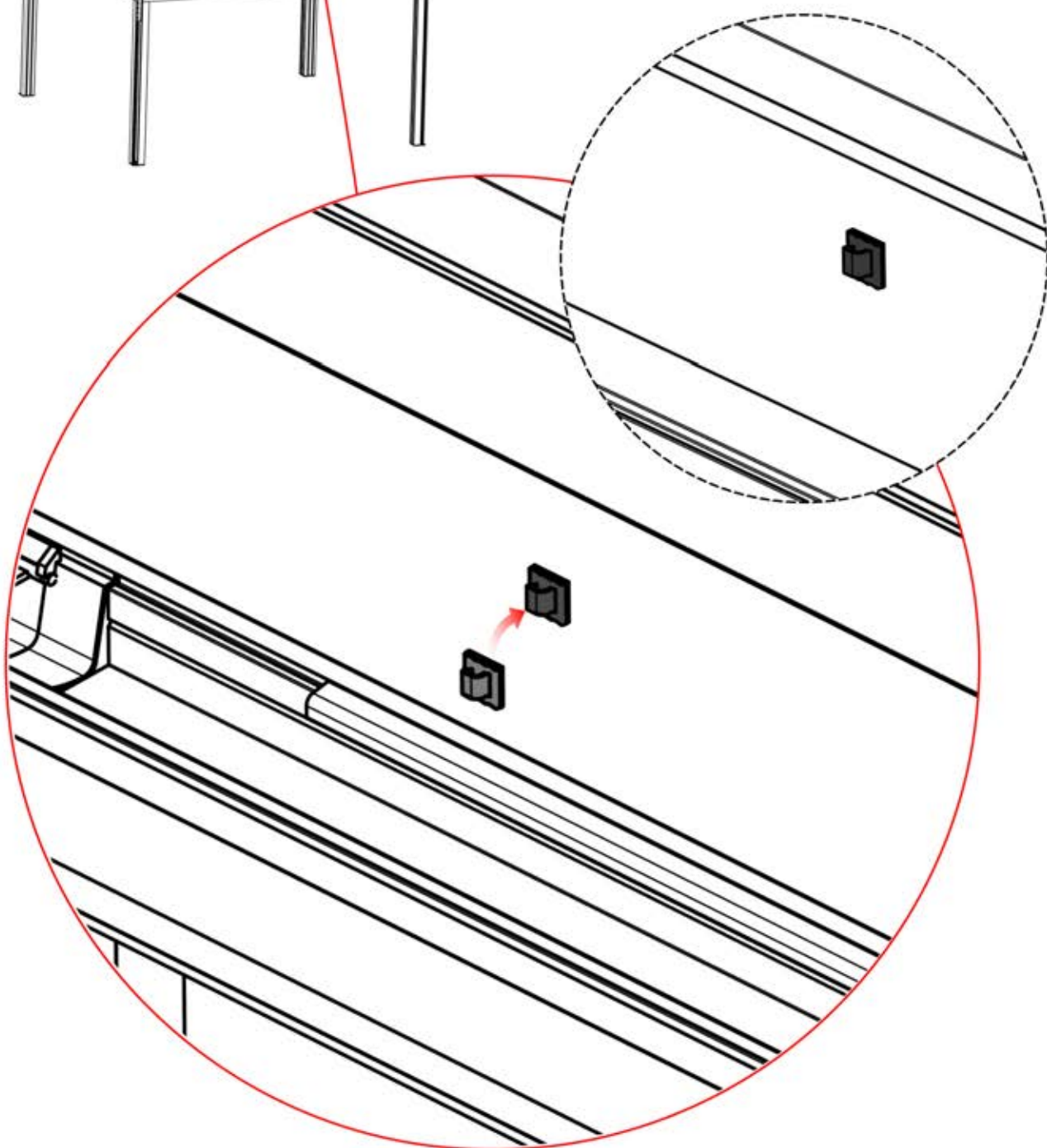
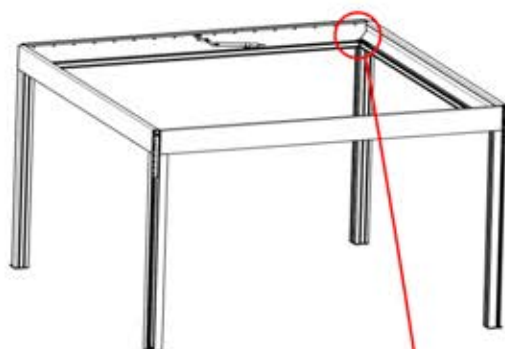
Matter Antenna

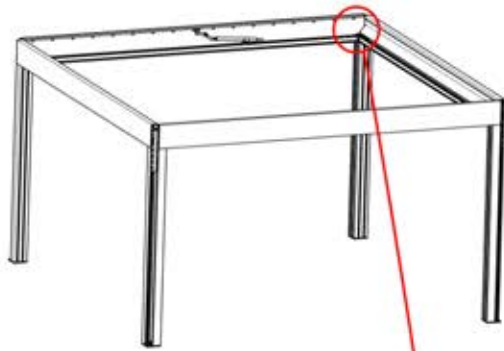


37

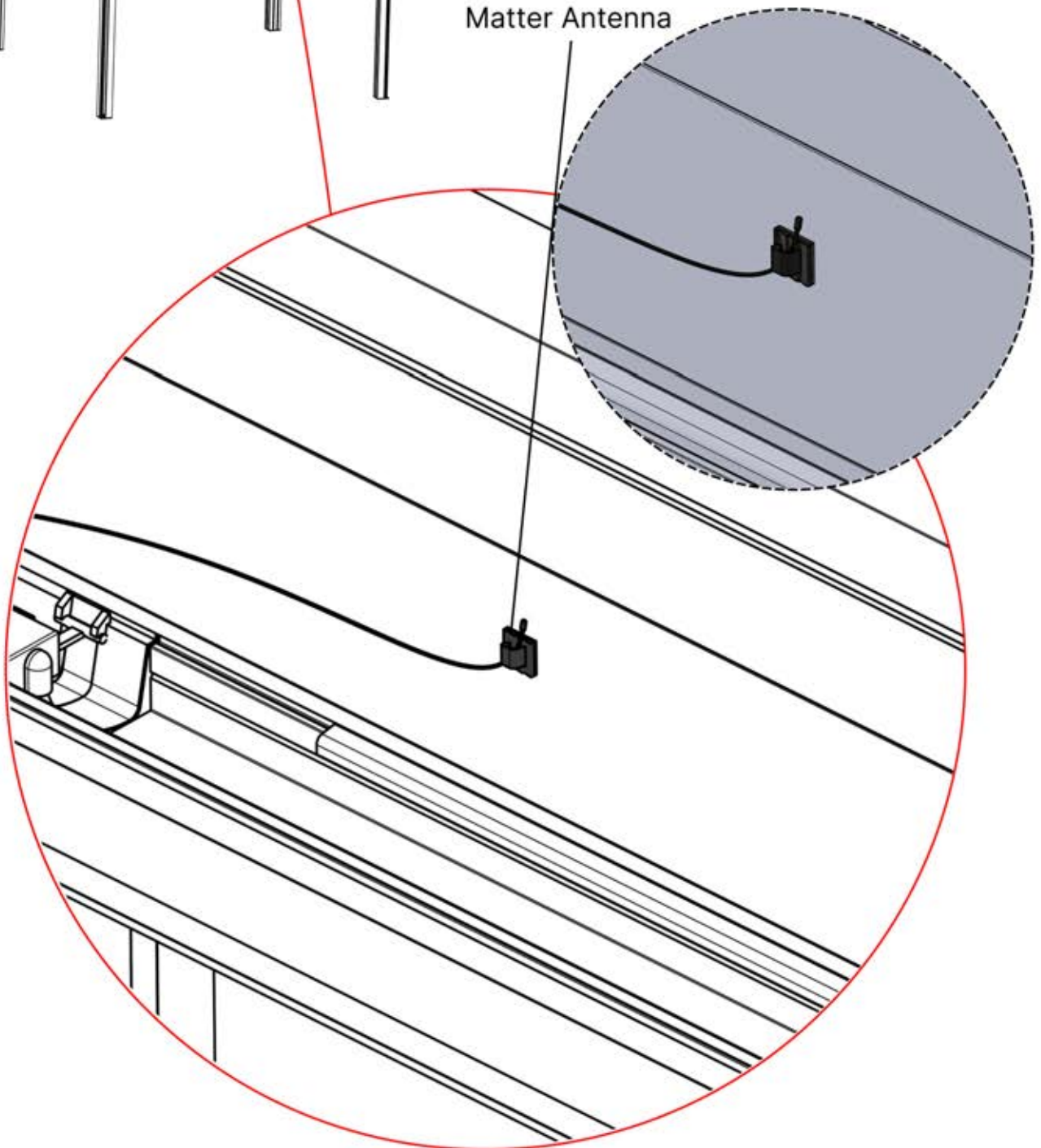


Matter Antenna
1x





Matter Antenna

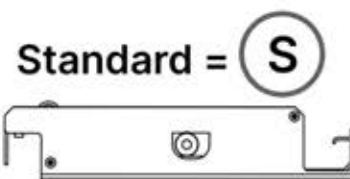




PERGOLUX PRO MAX+ 3x5

PN-200003532

 4
 5
 6 **14x**



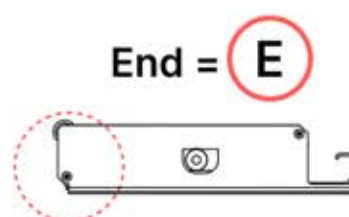
PN-200003536

 5 **6x**

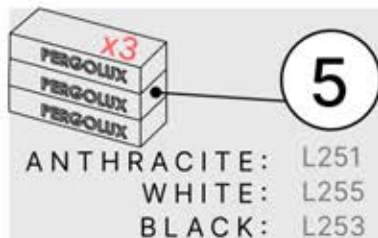


PN-200003534

 4 **1x**

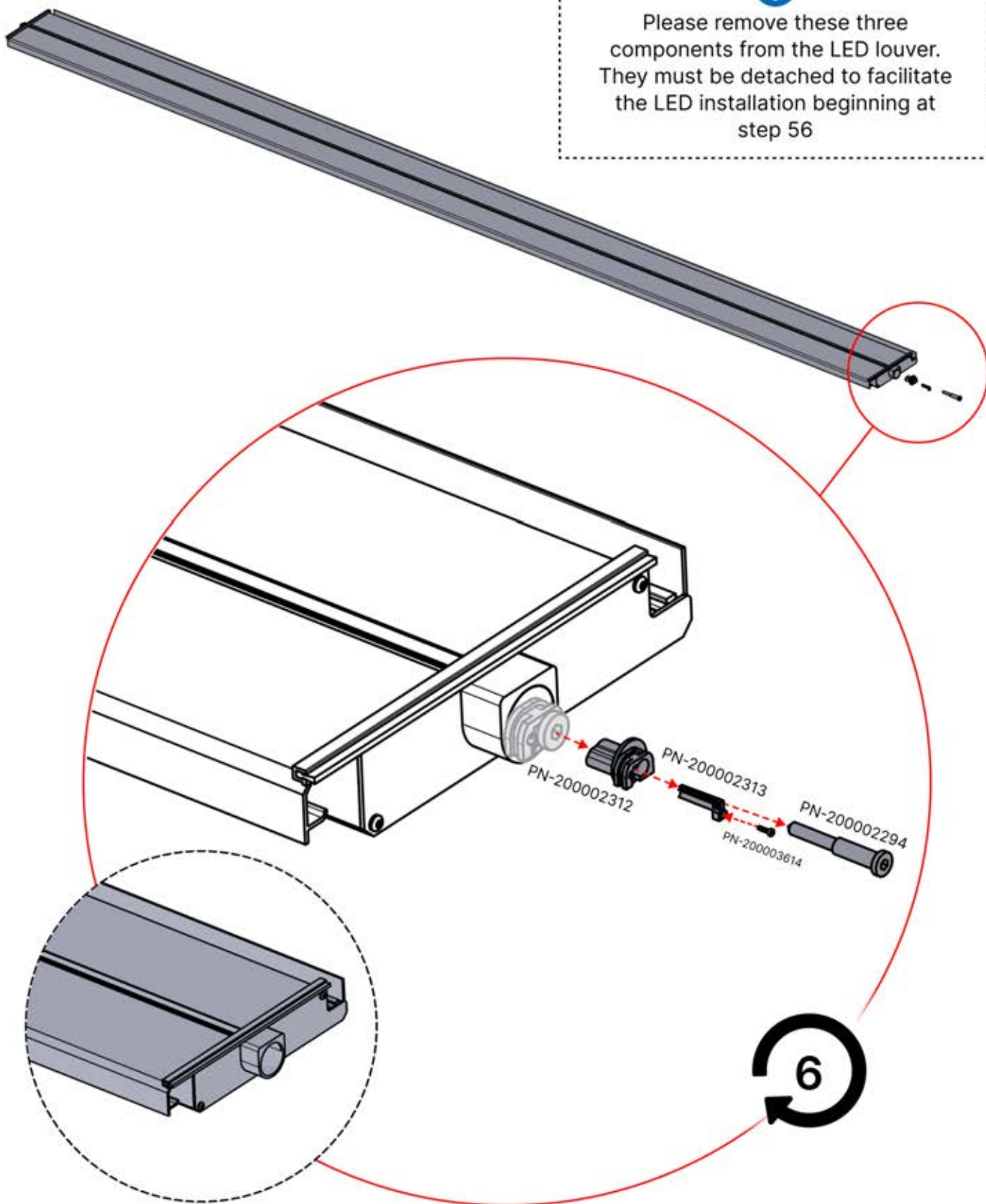


39

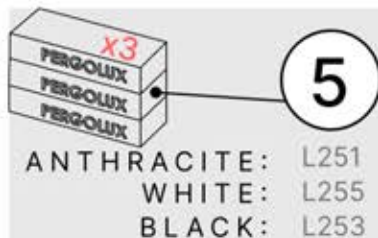


!

Please remove these three components from the LED louver. They must be detached to facilitate the LED installation beginning at step 56

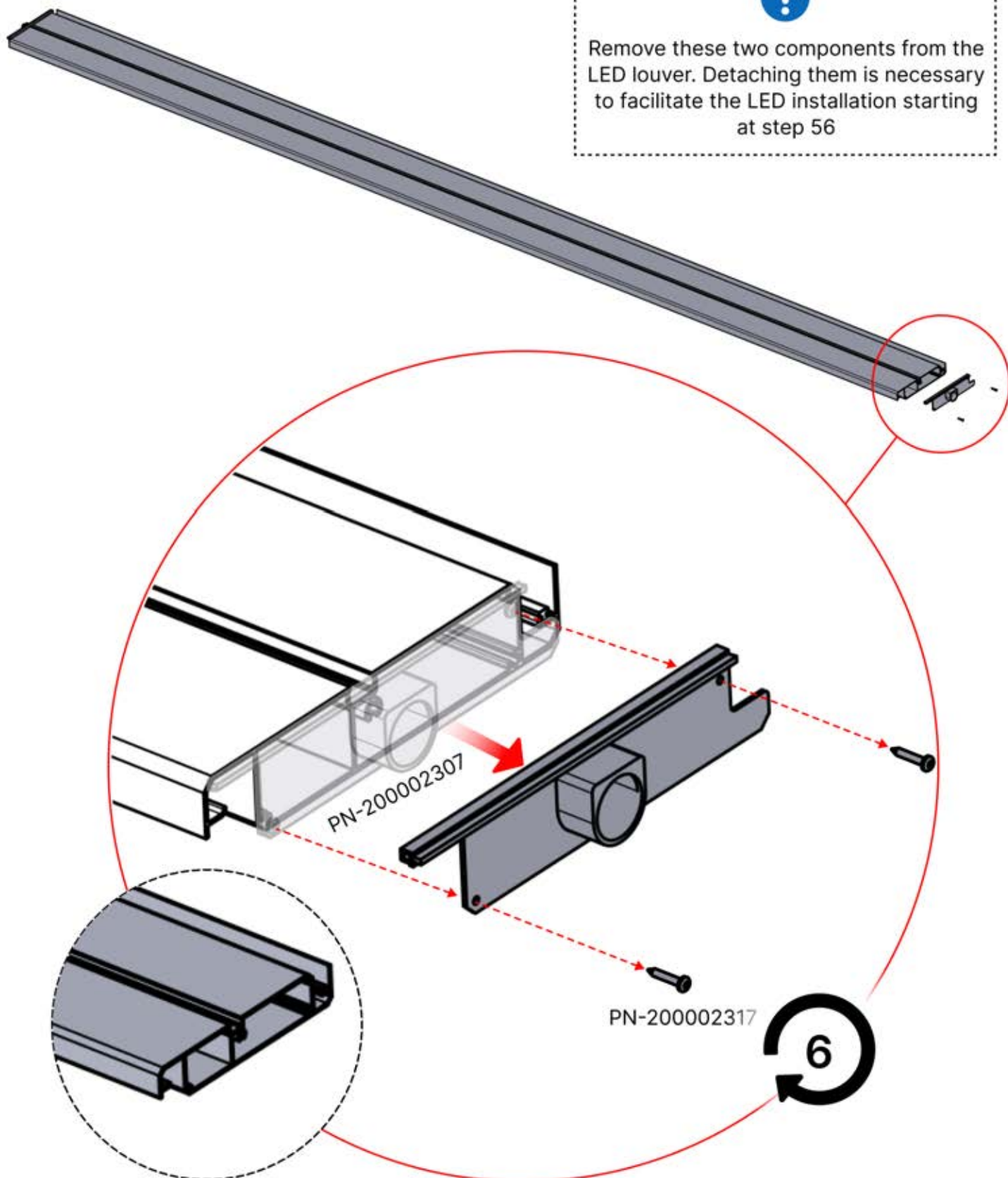


40

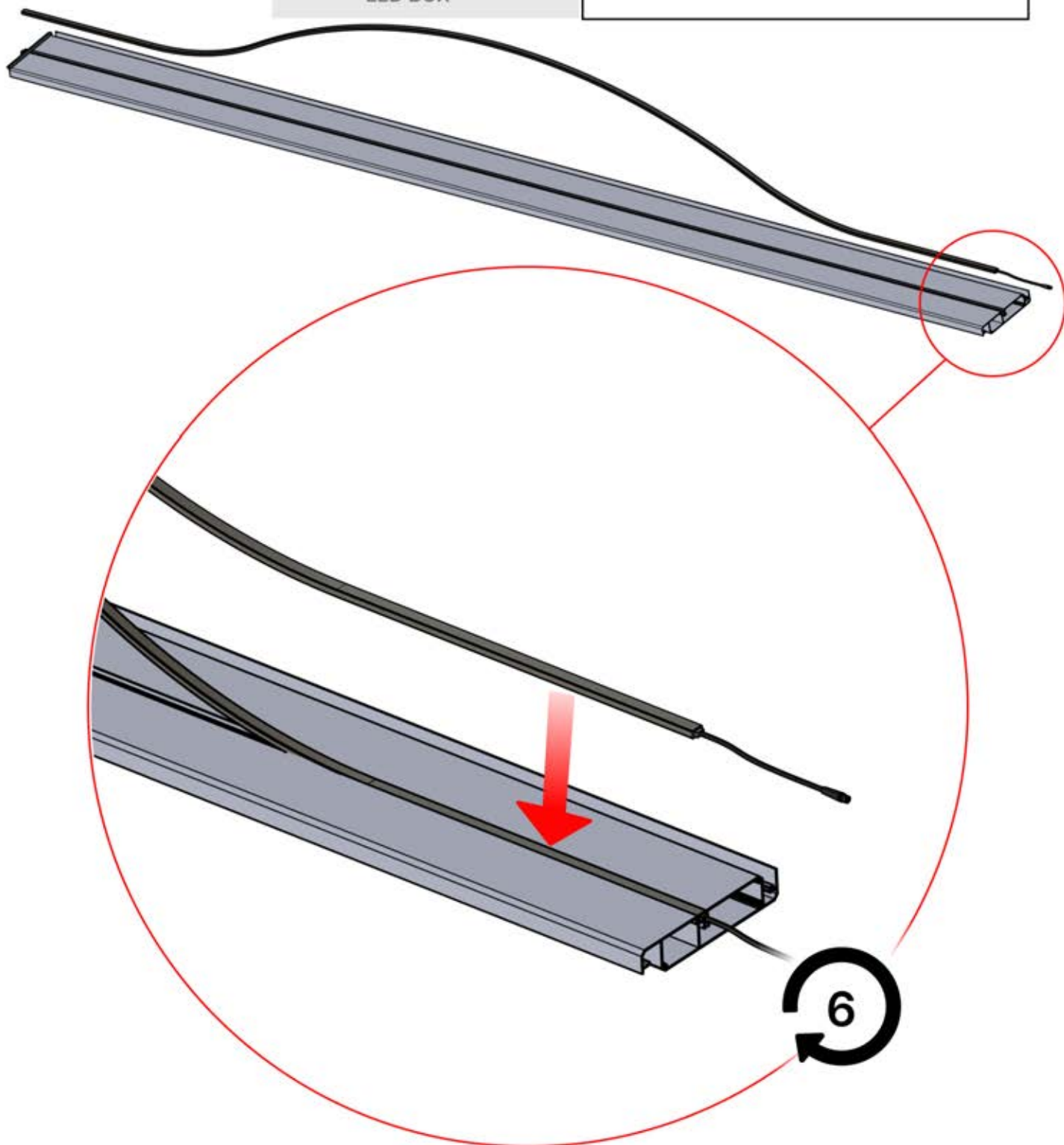
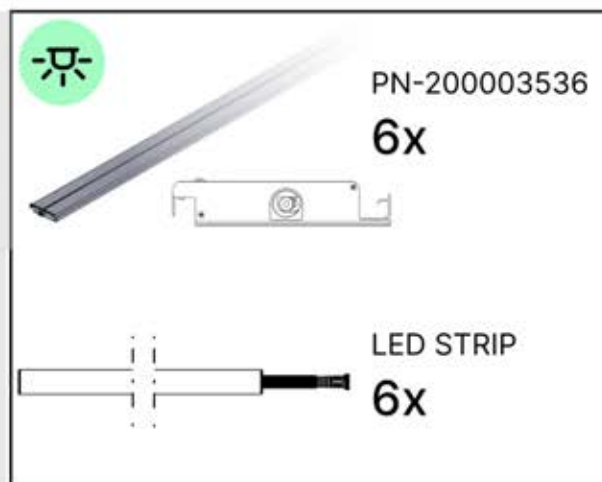
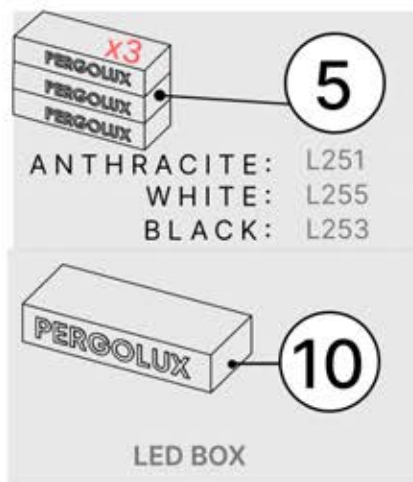


!

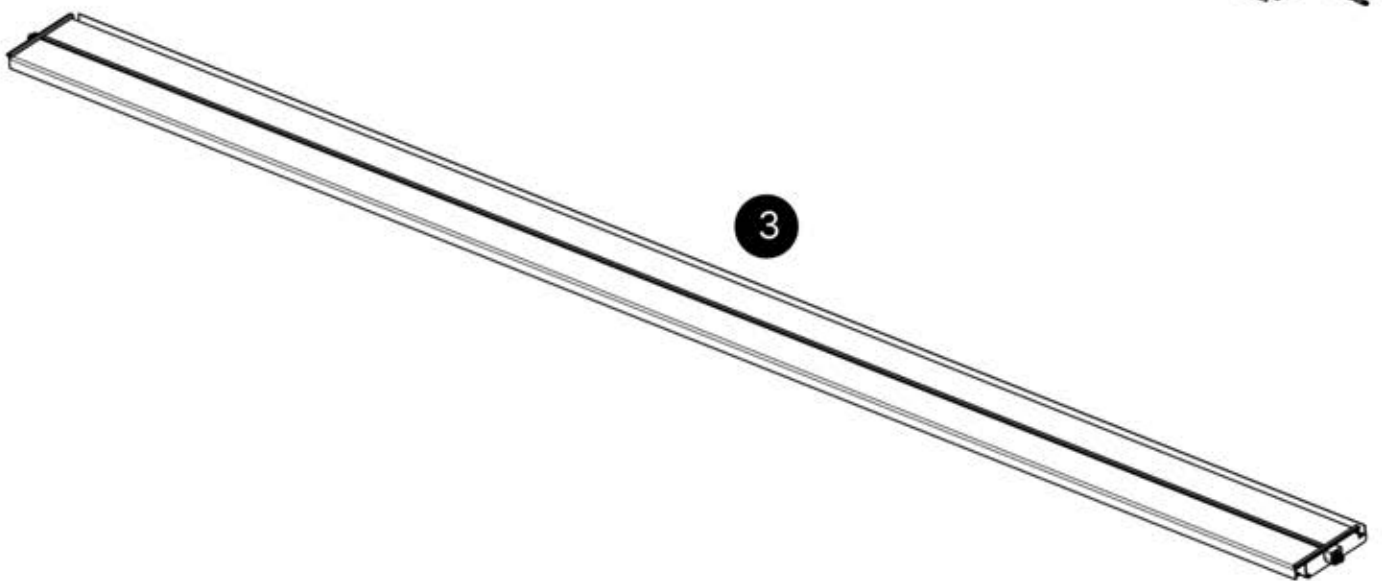
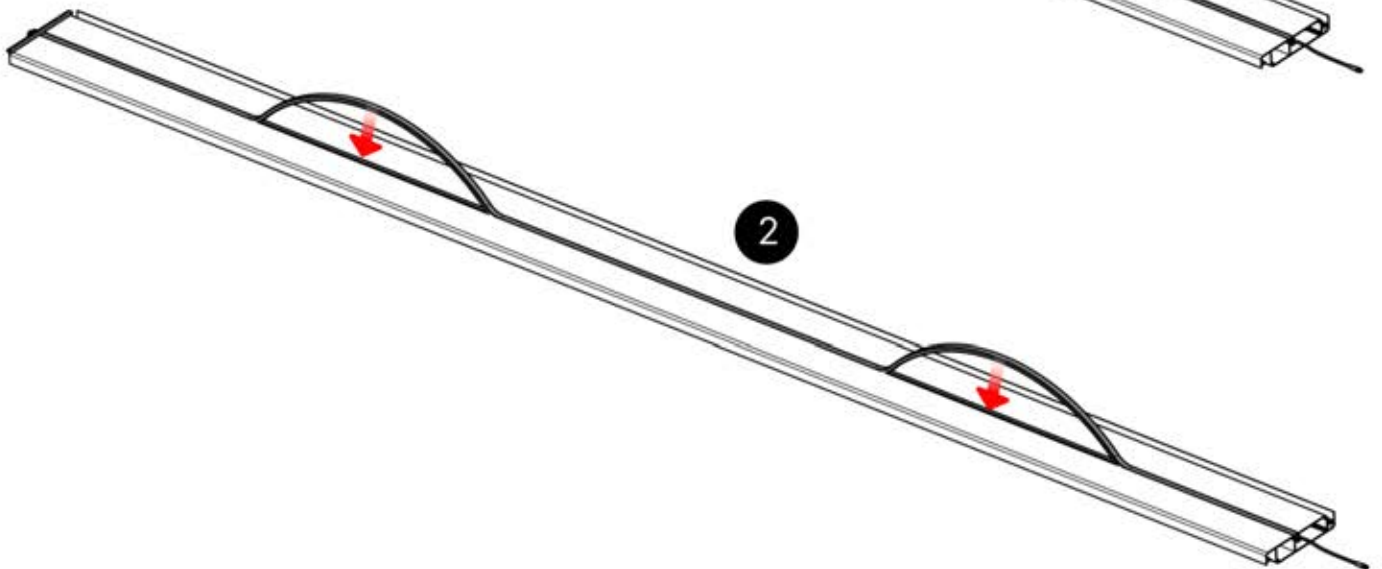
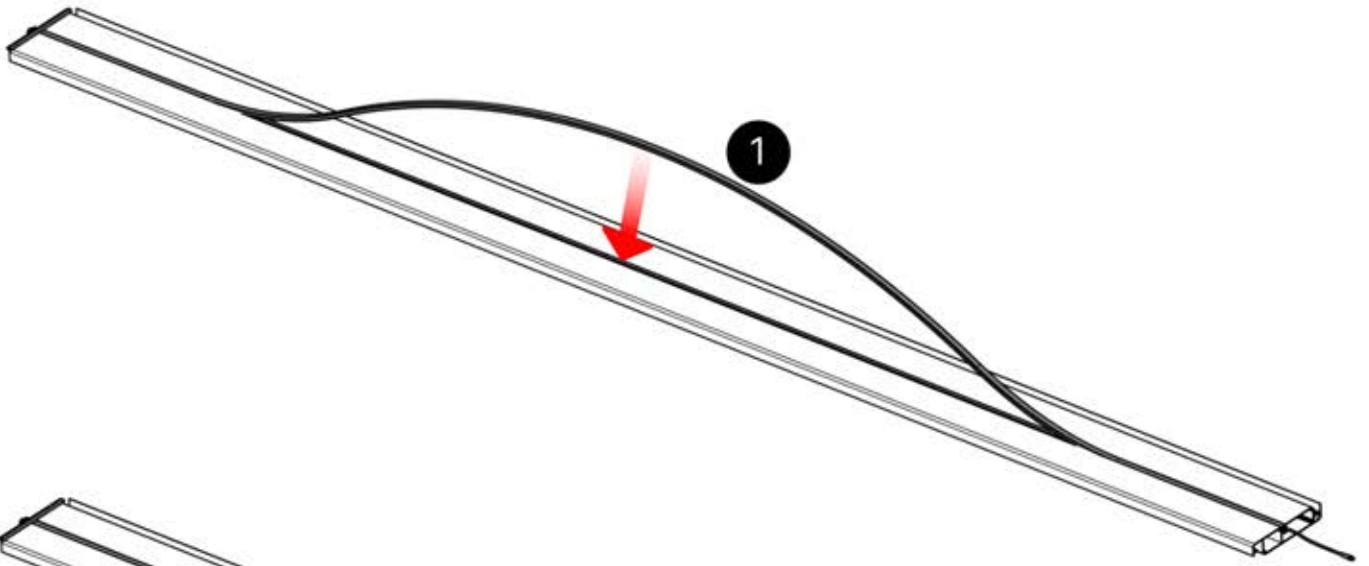
Remove these two components from the LED louver. Detaching them is necessary to facilitate the LED installation starting at step 56



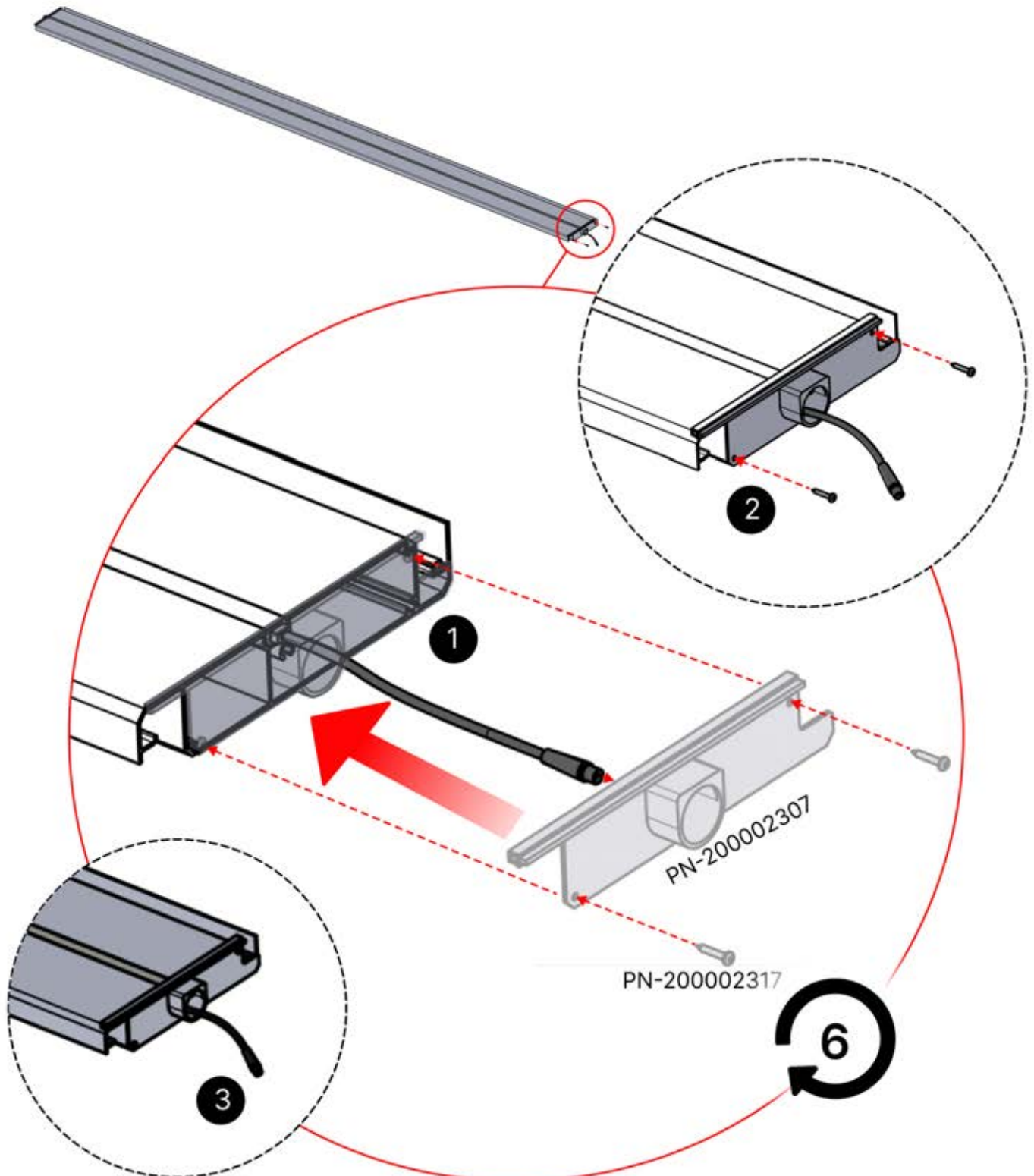
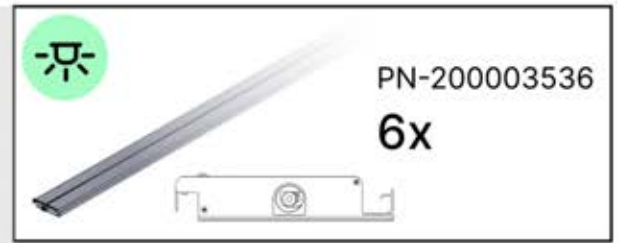
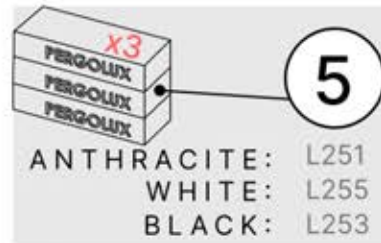
41



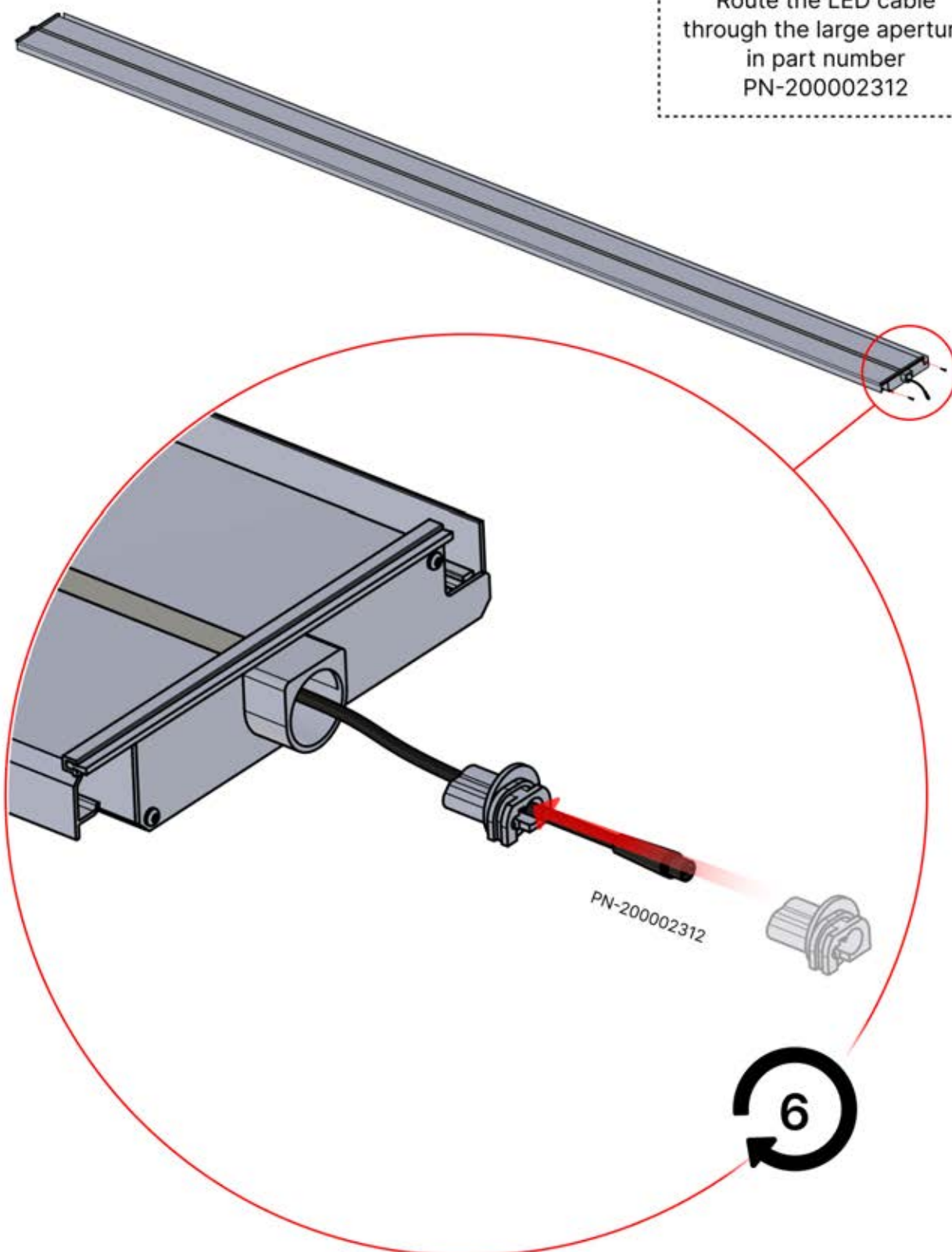
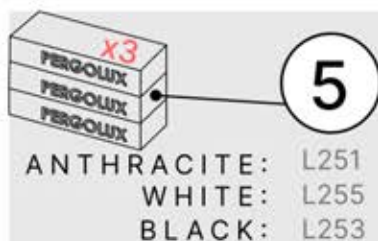
42



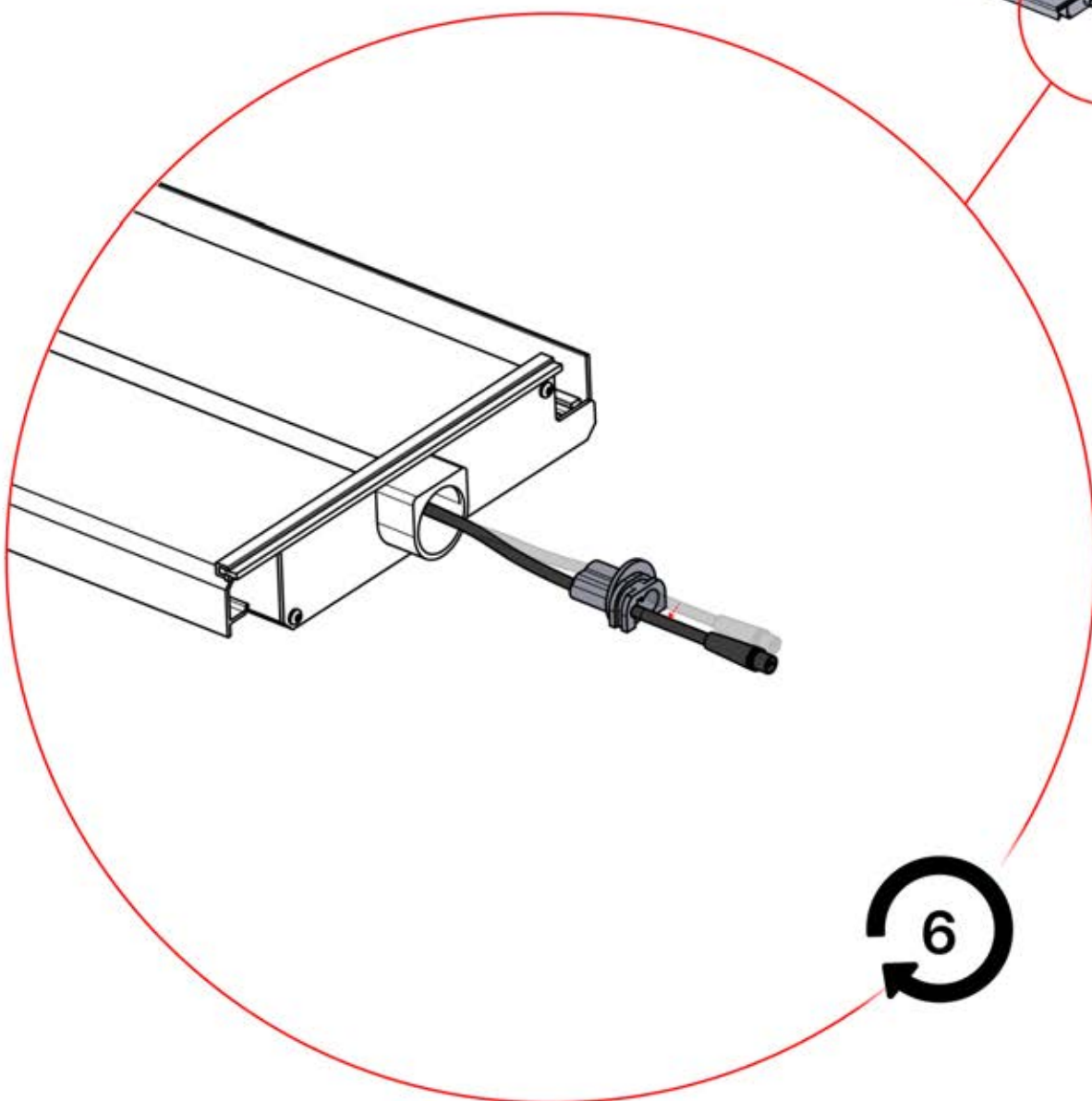
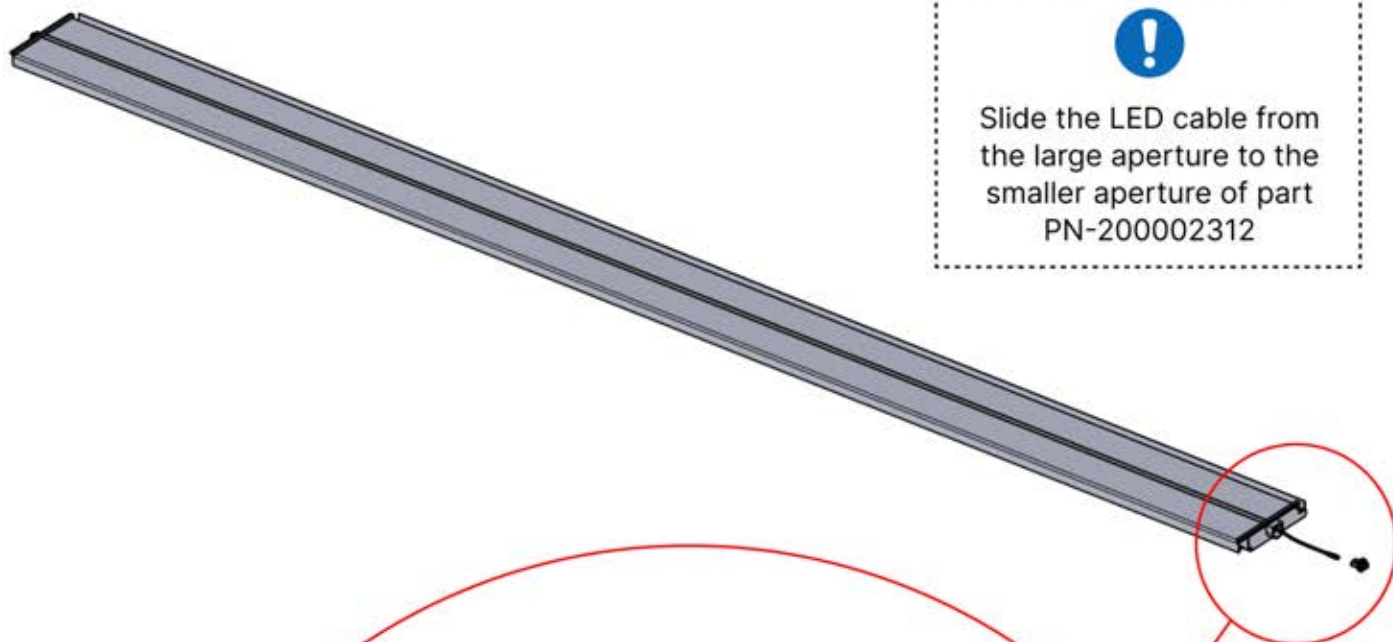
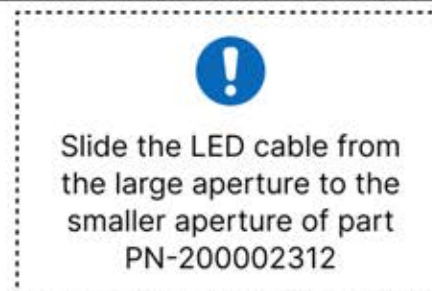
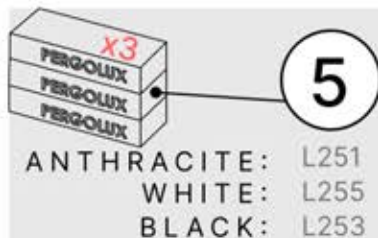
43



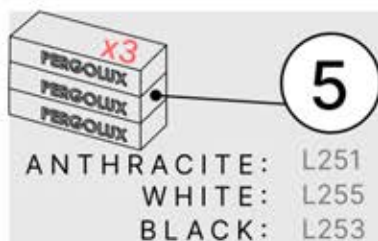
44



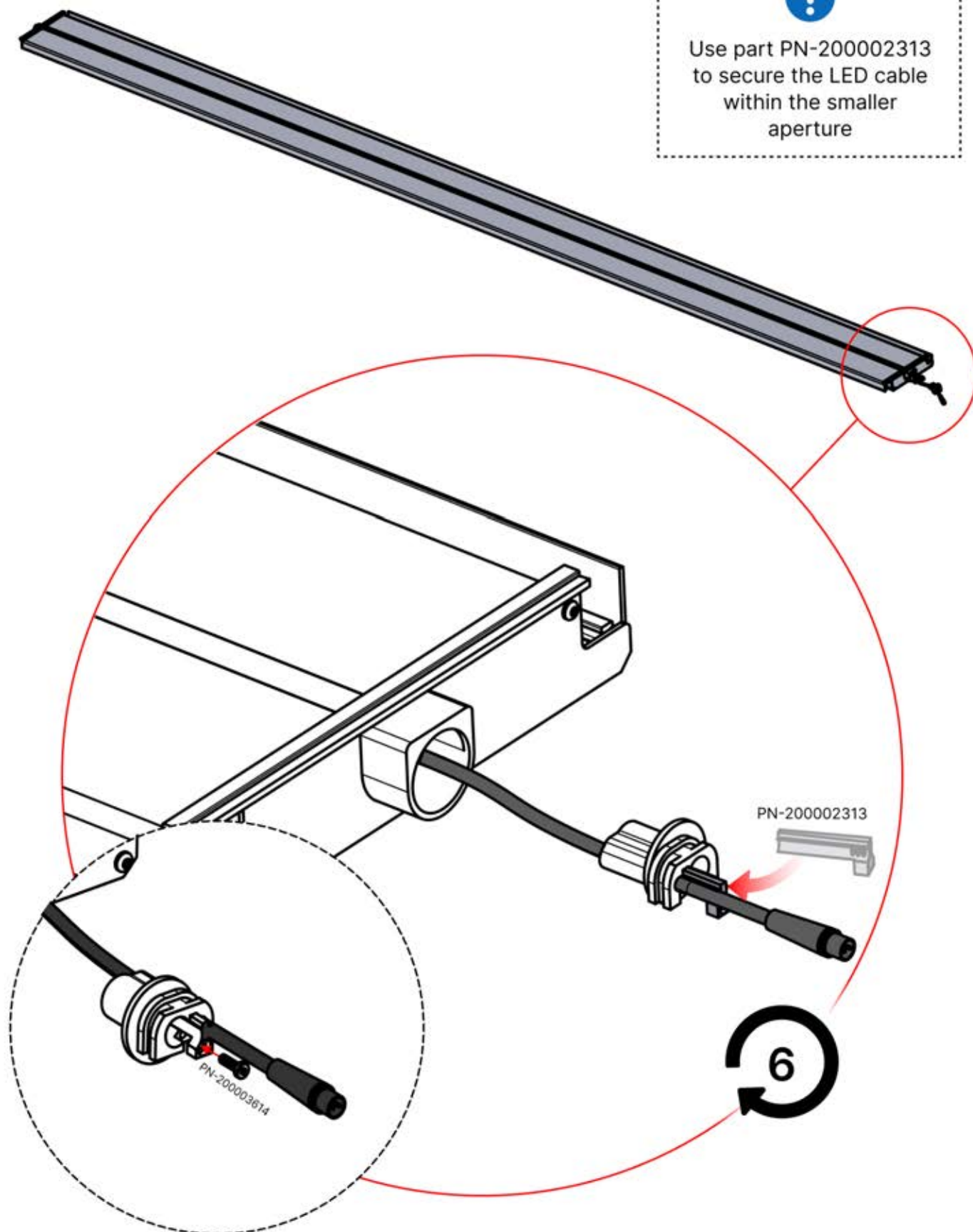
45



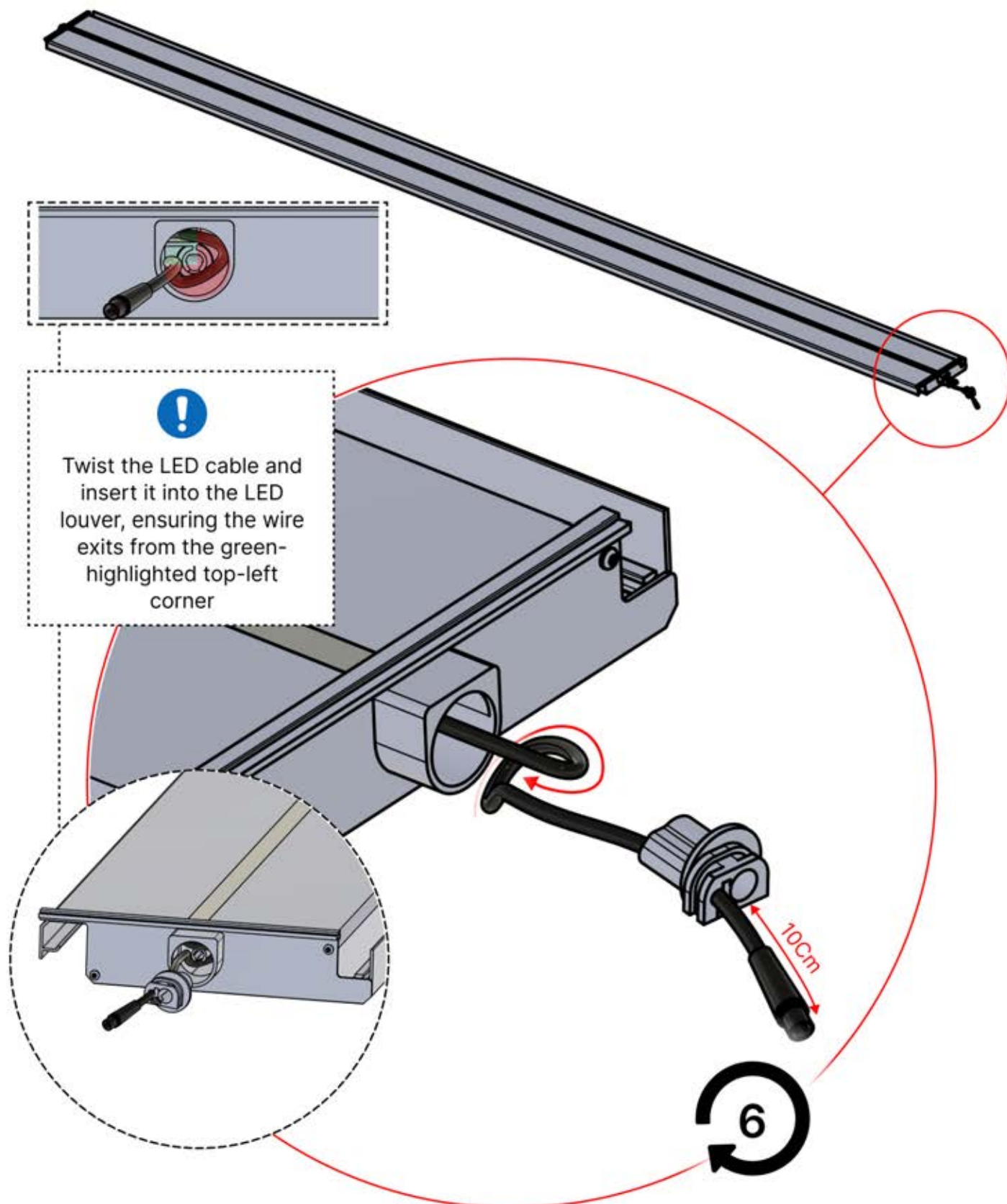
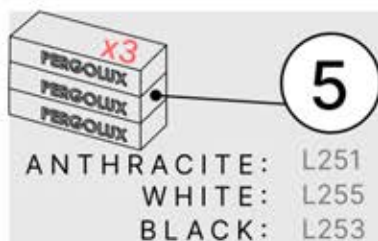
46



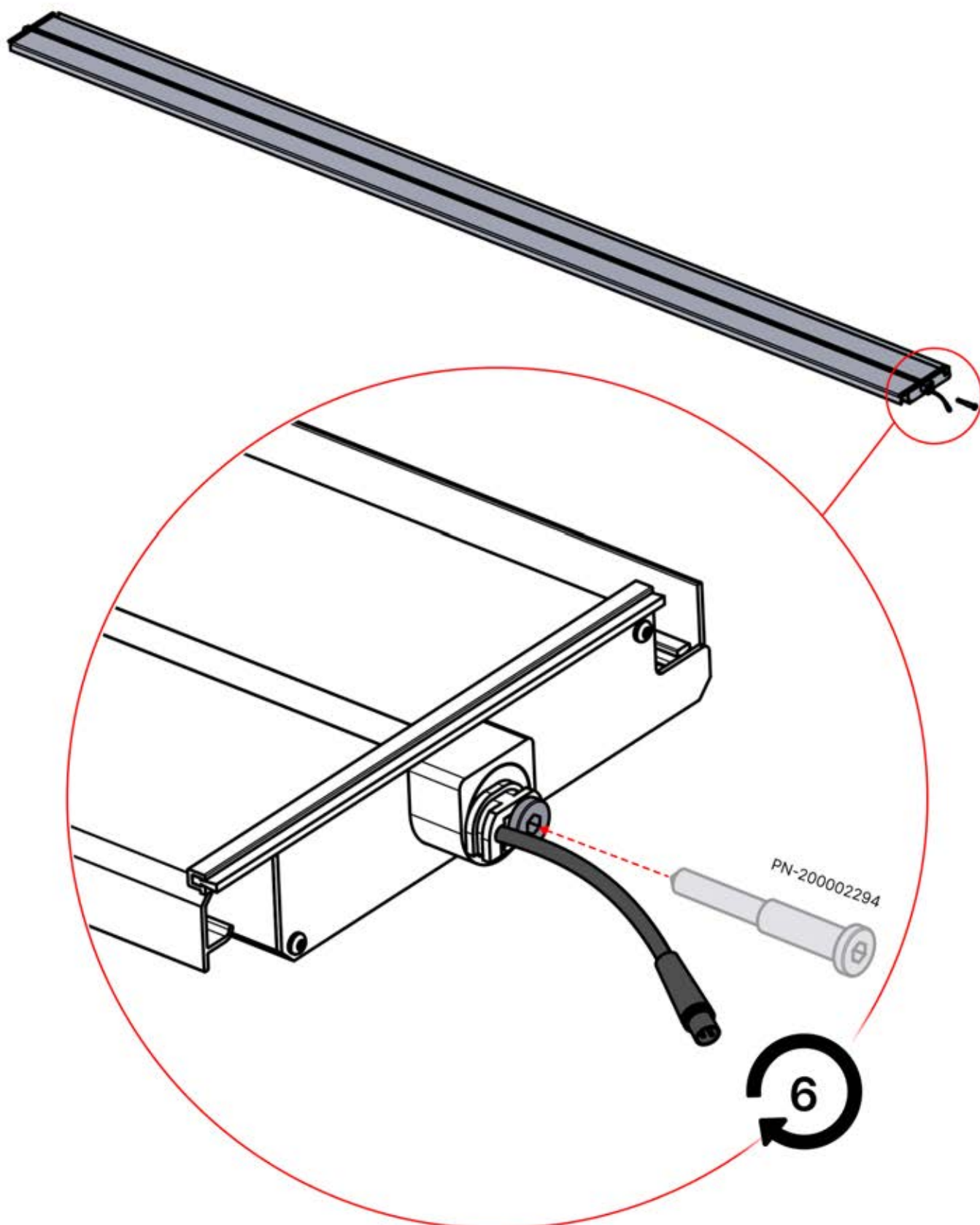
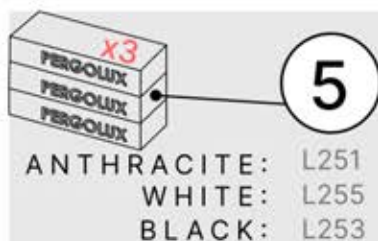
Use part PN-200002313 to secure the LED cable within the smaller aperture



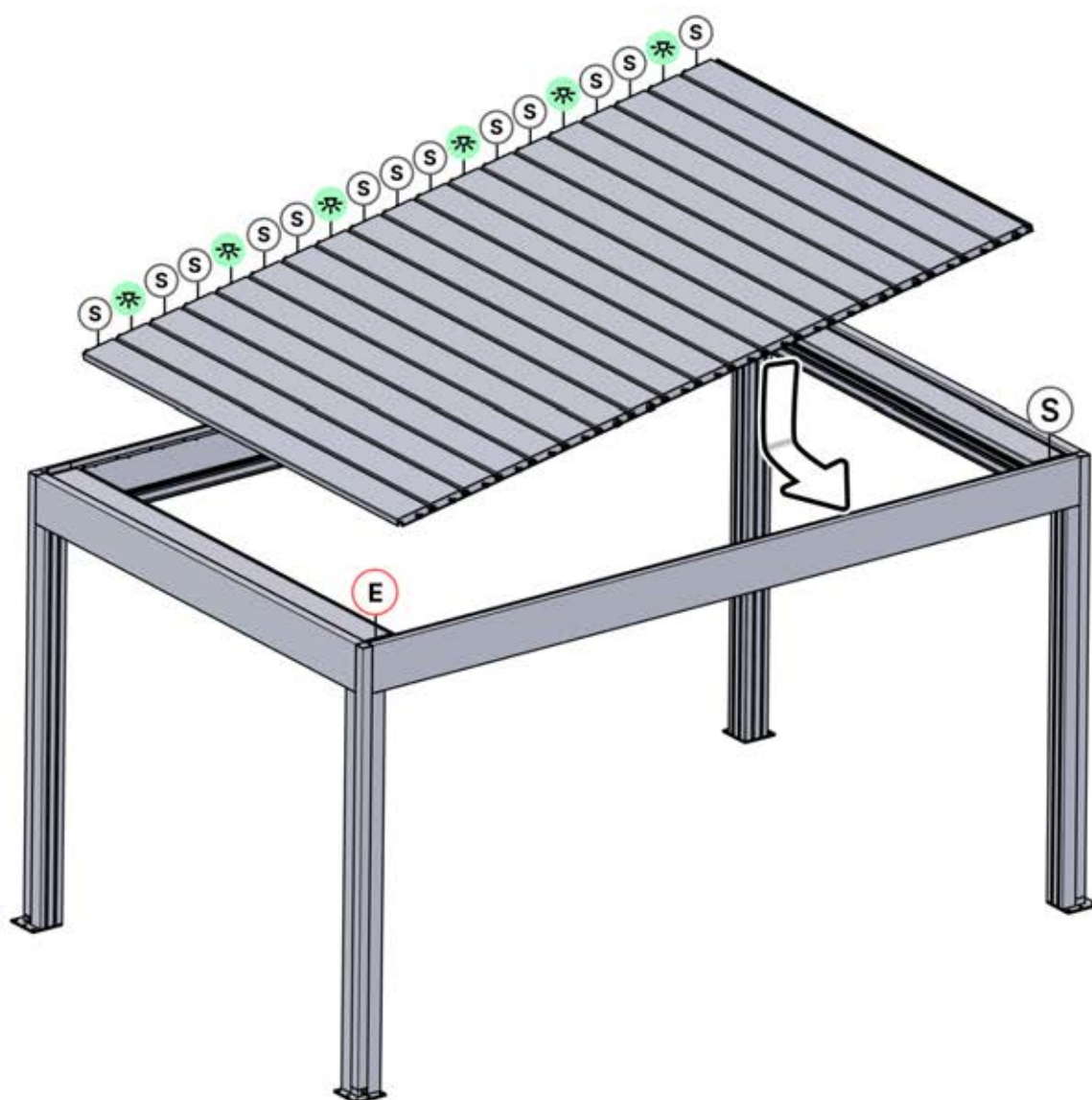
47



48



49



50



4

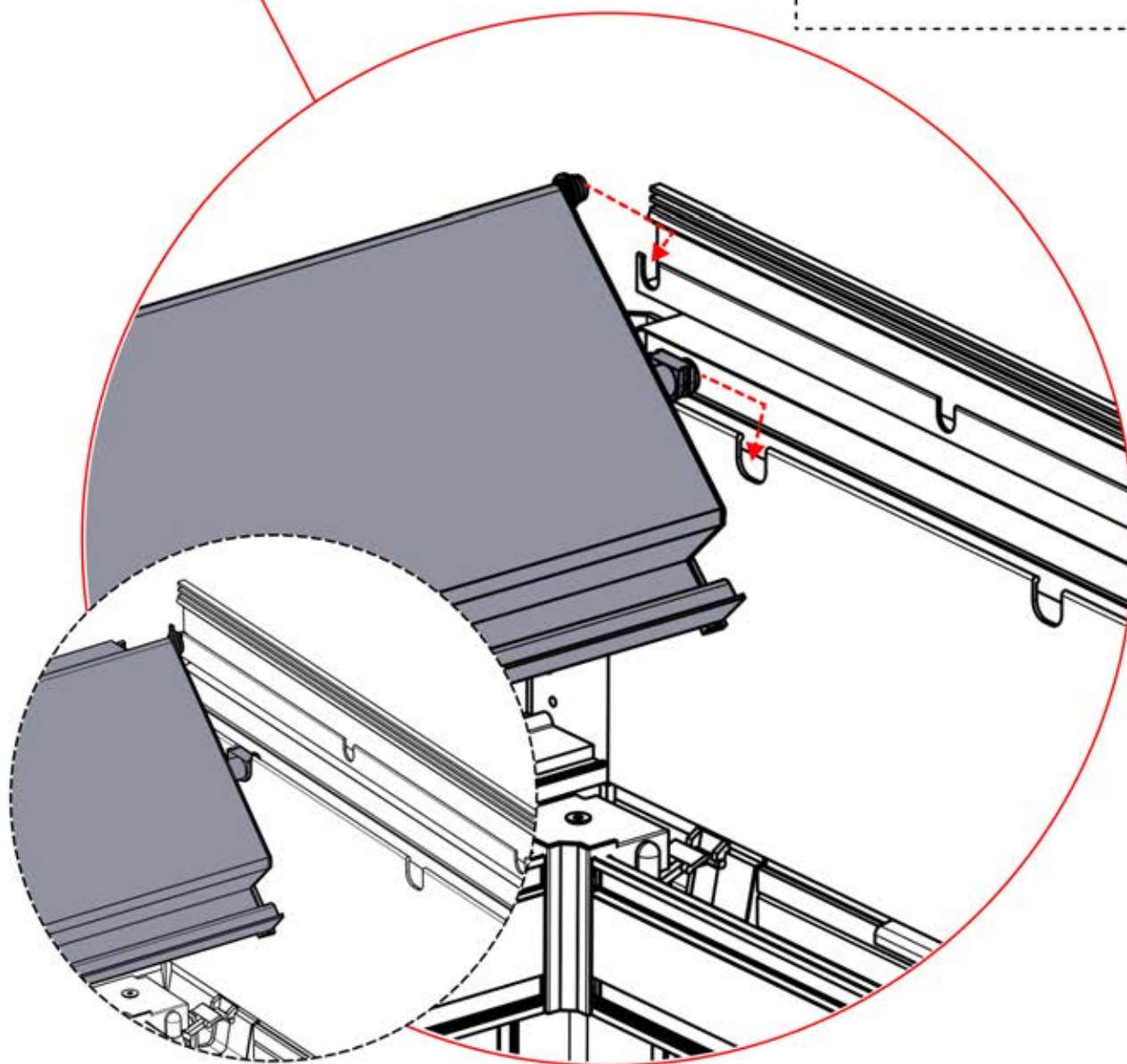
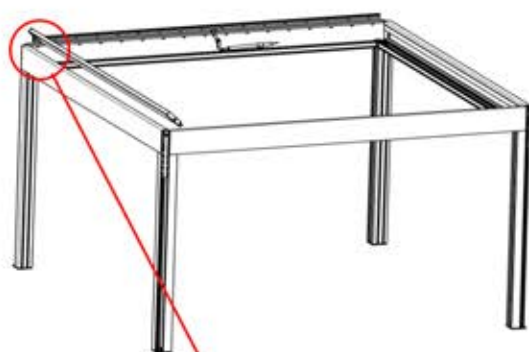
ANTHRACITE: L263
WHITE: L267
BLACK: L265

E



PN-200003534

1x



51



4

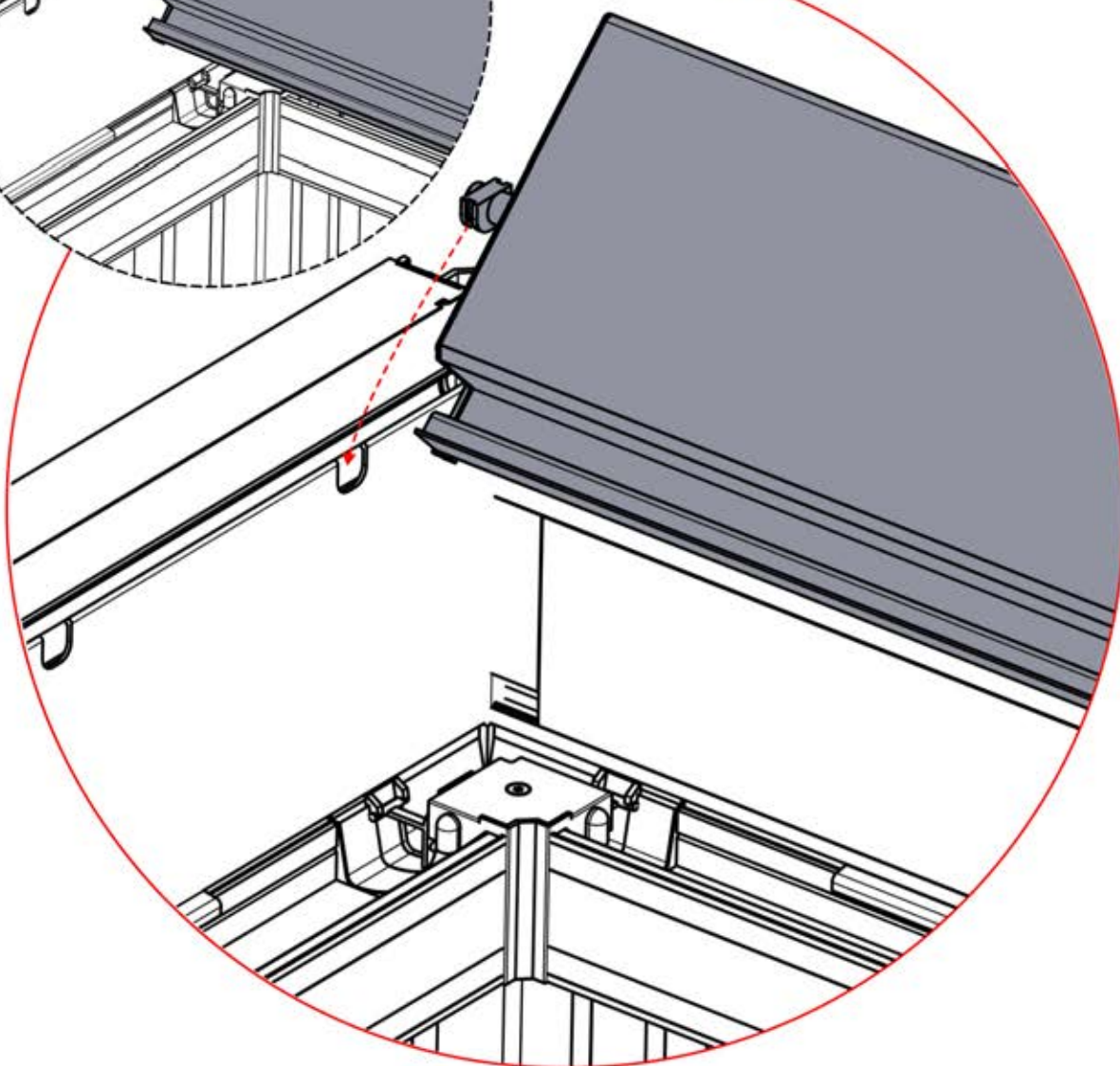
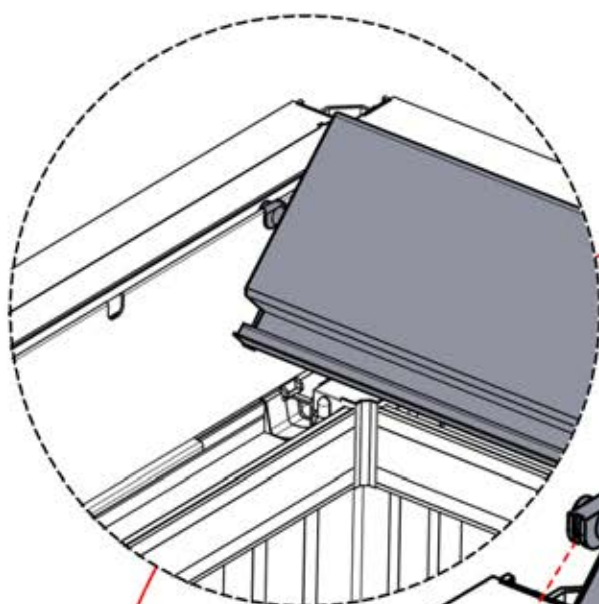
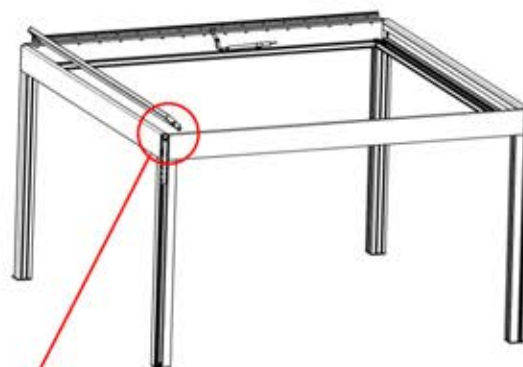
ANTHRACITE: L263
WHITE: L267
BLACK: L265

E

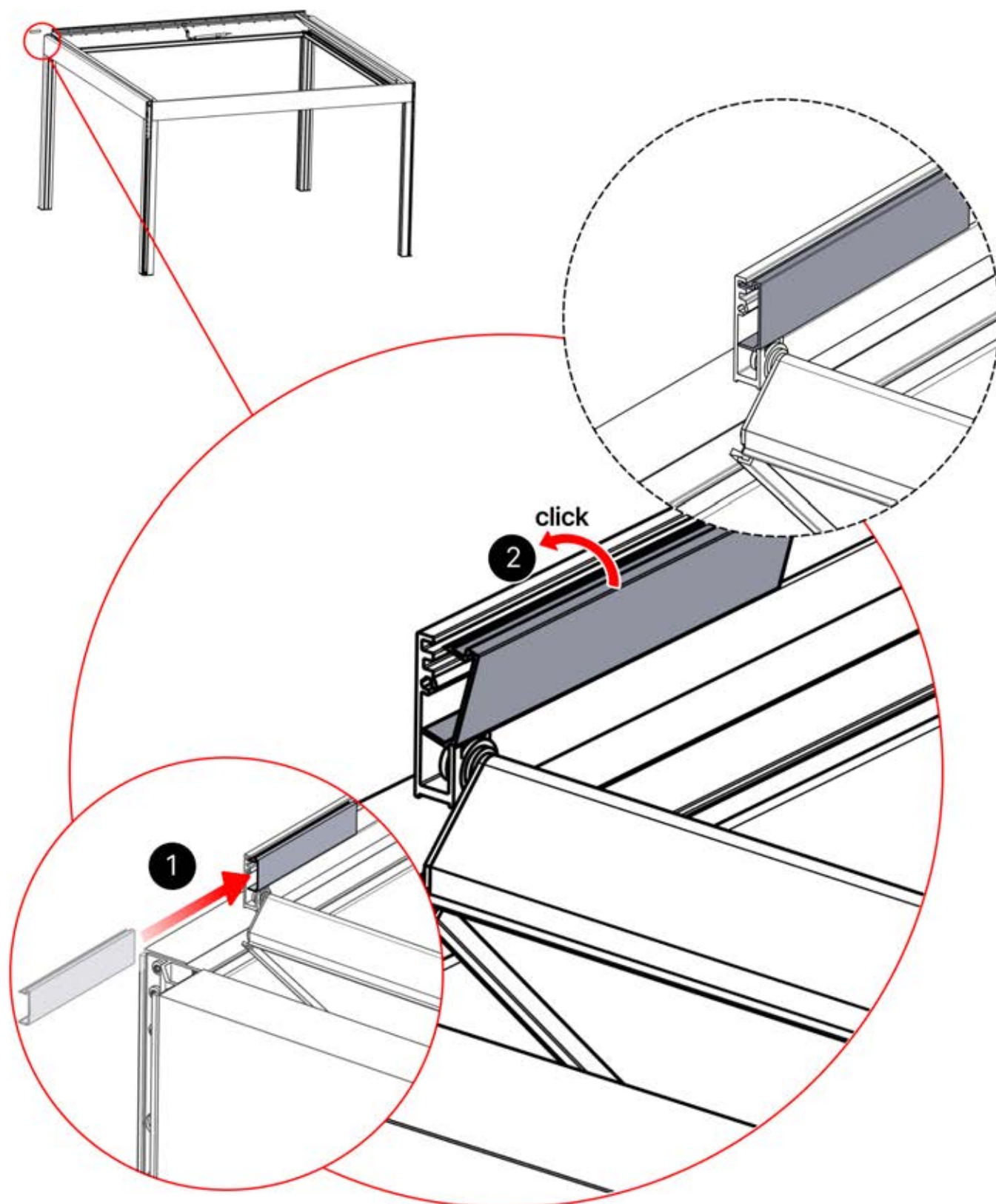
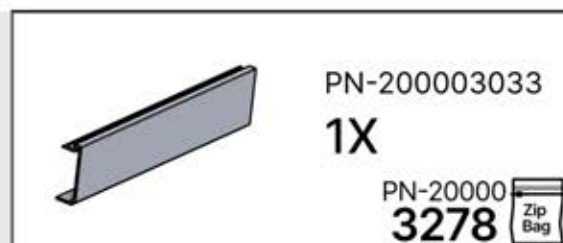
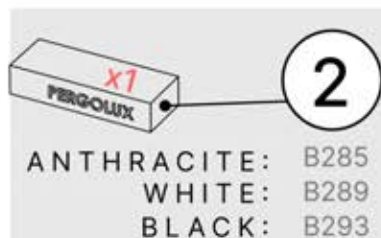


PN-200003534

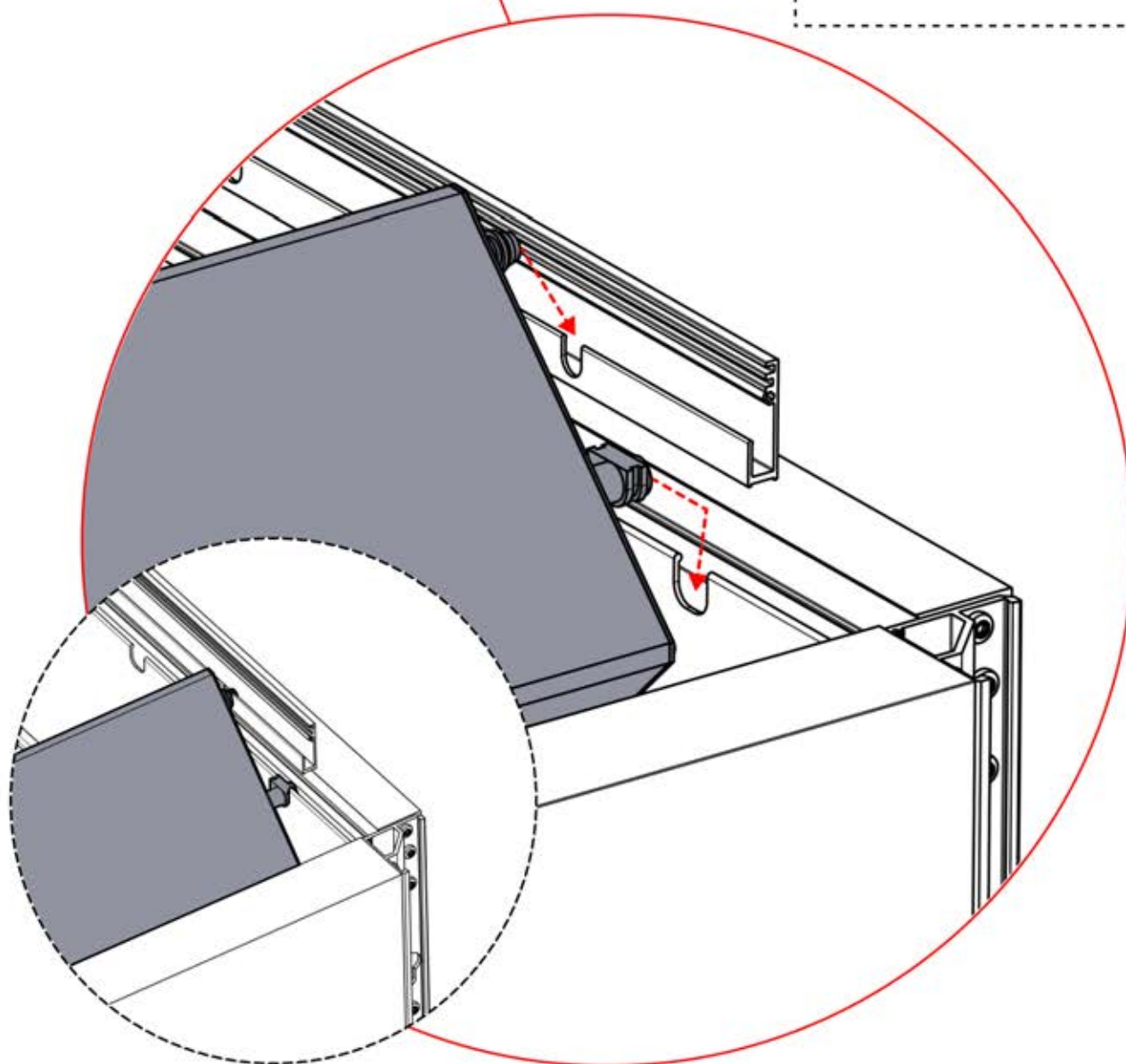
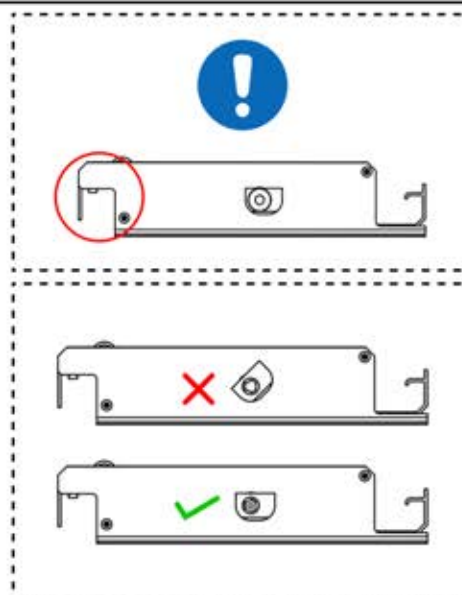
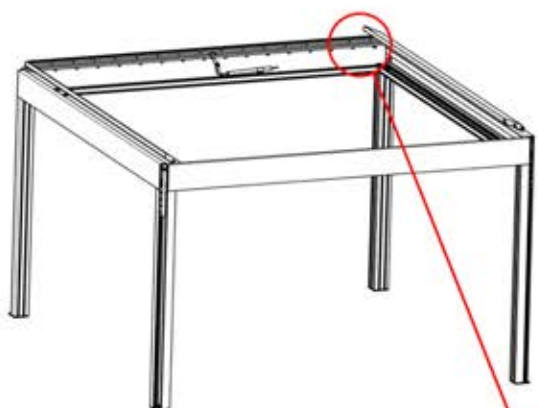
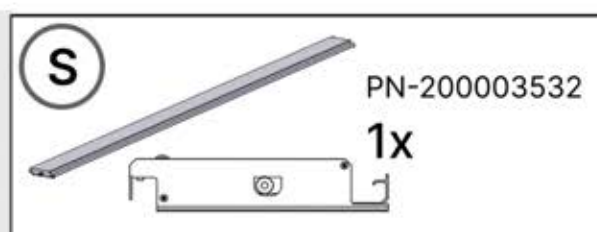
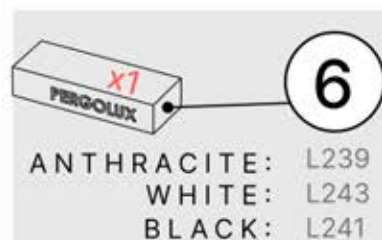
1x



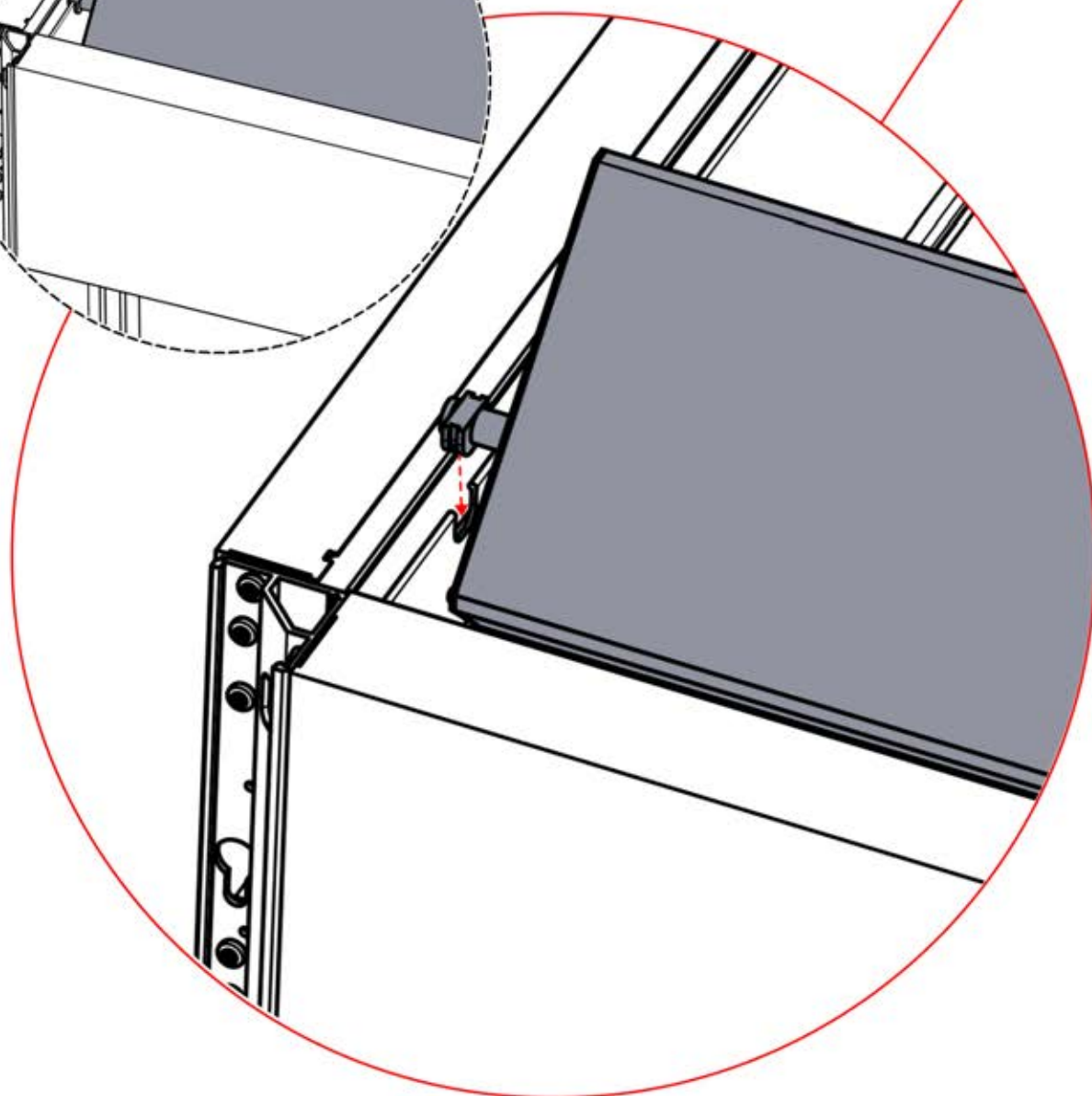
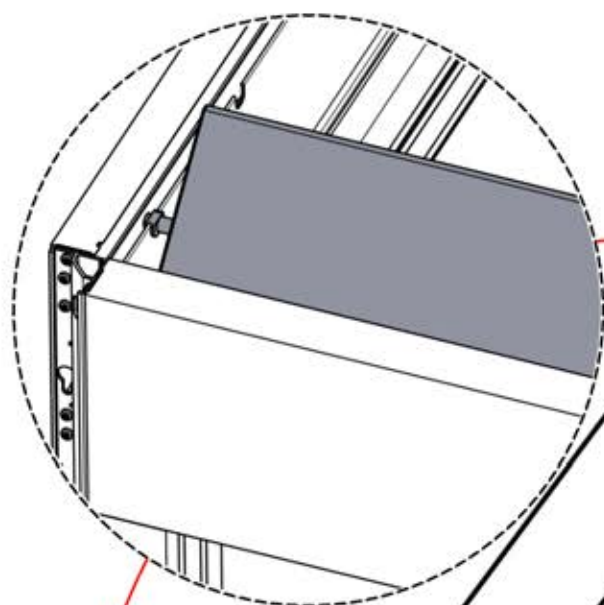
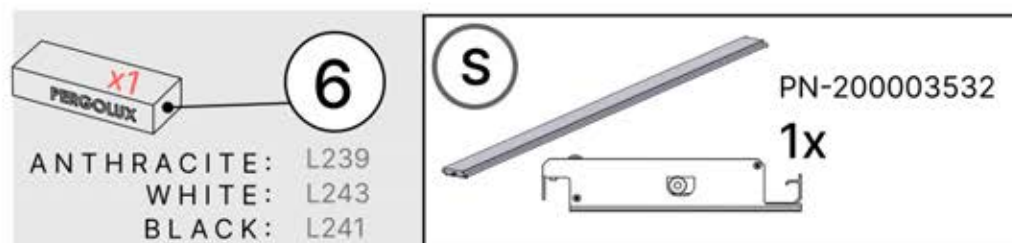
52



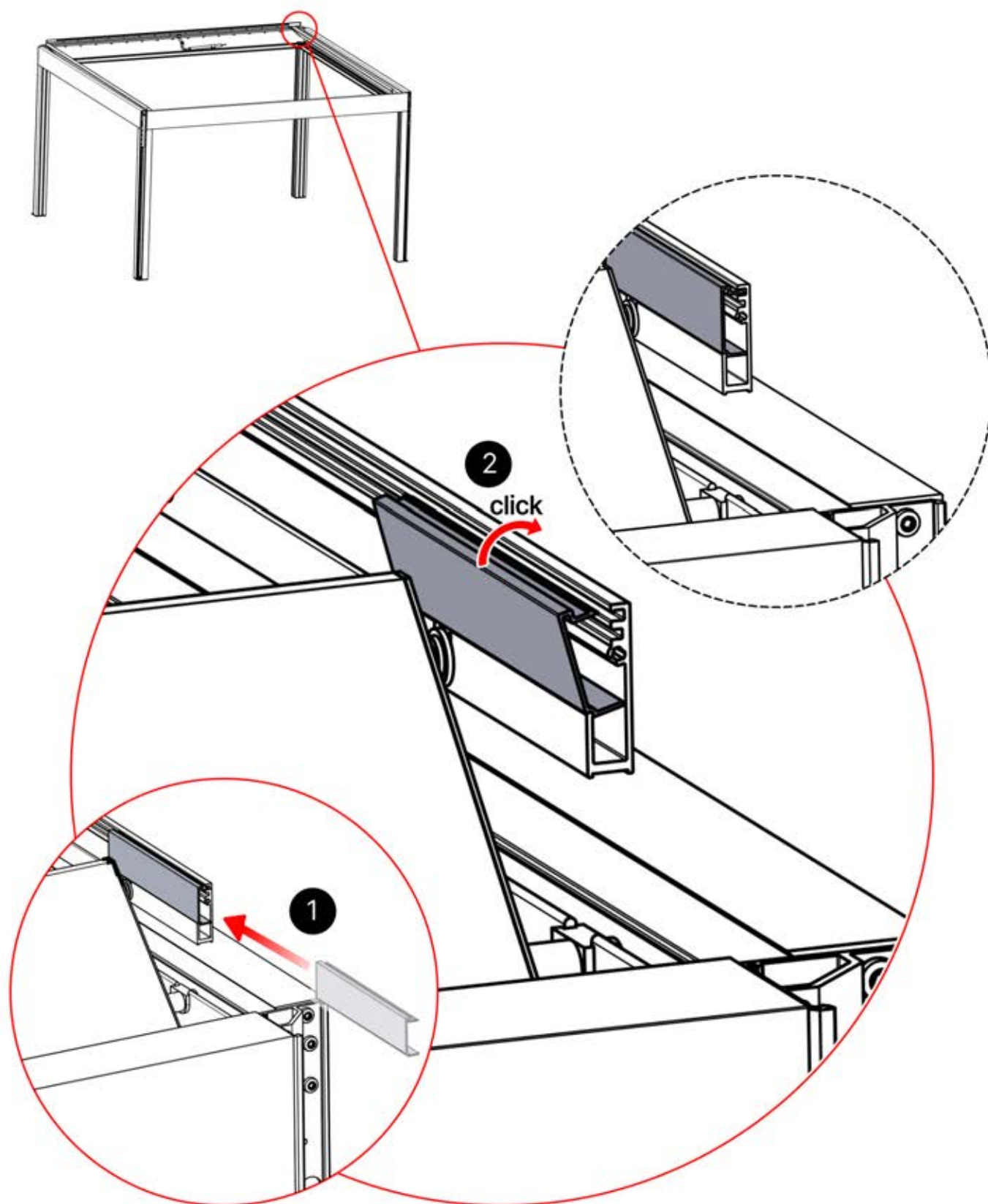
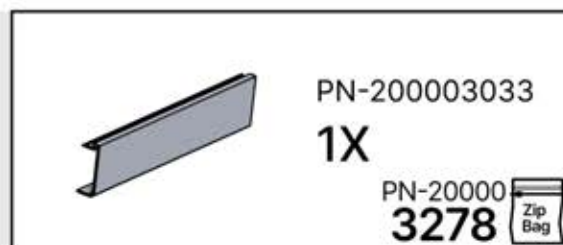
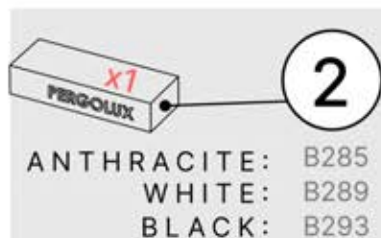
53



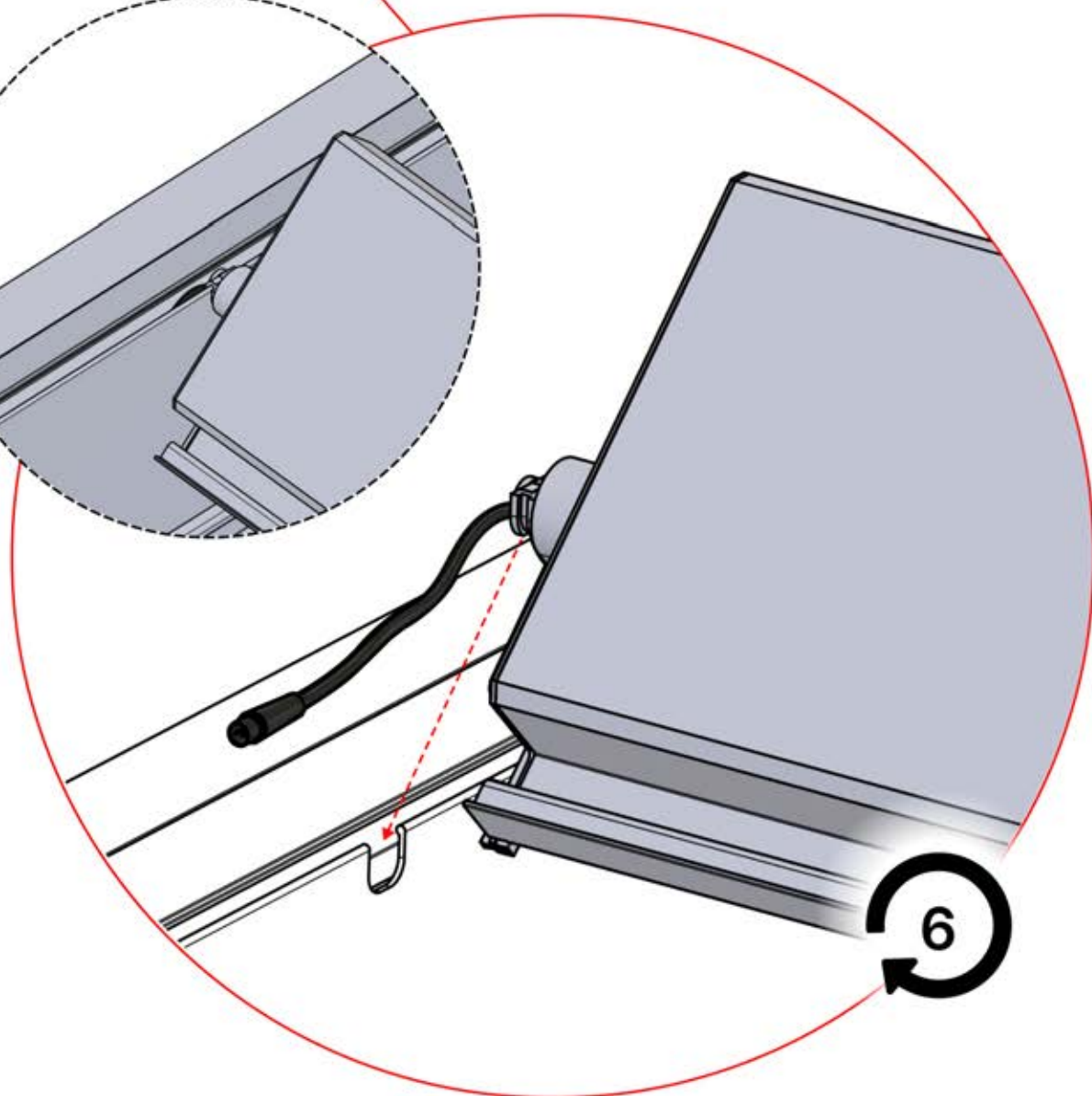
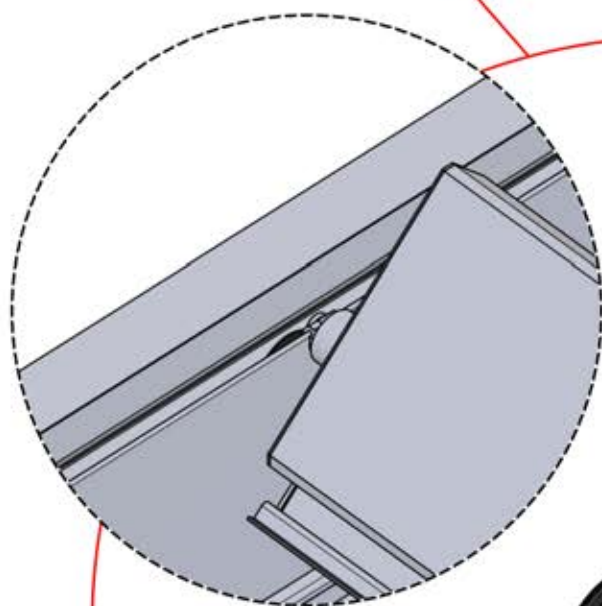
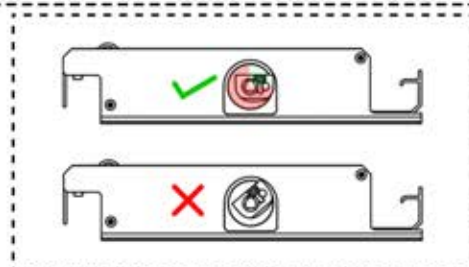
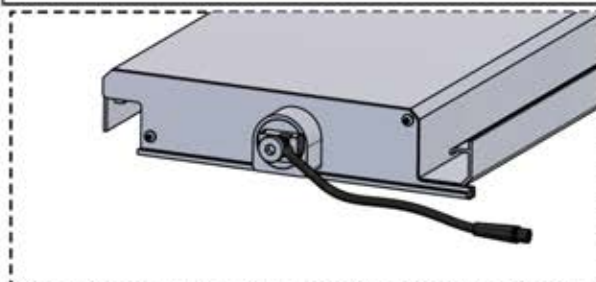
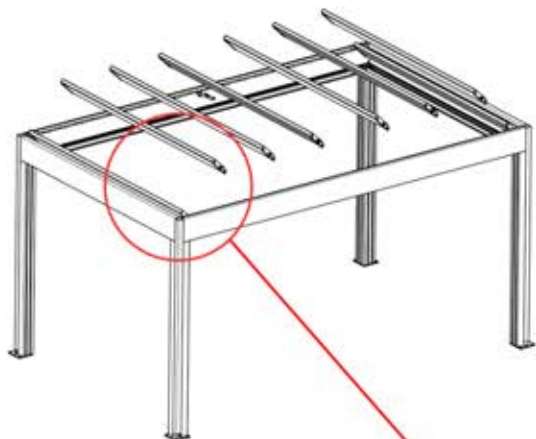
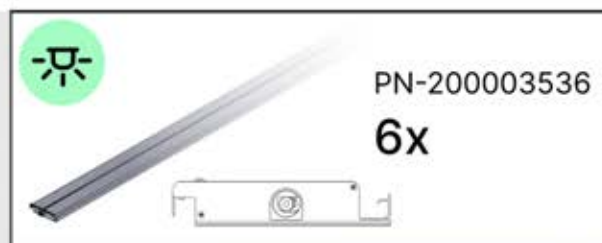
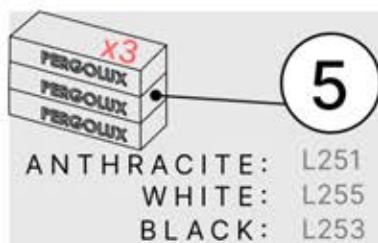
54



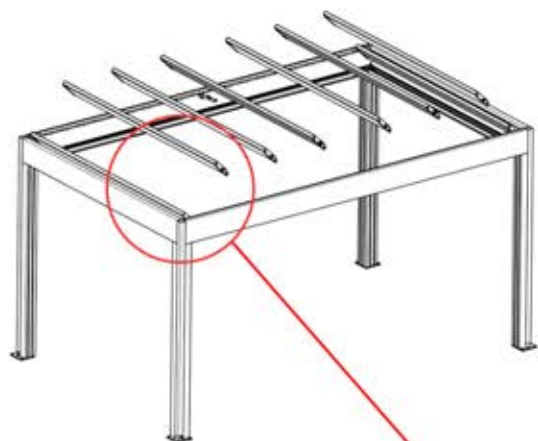
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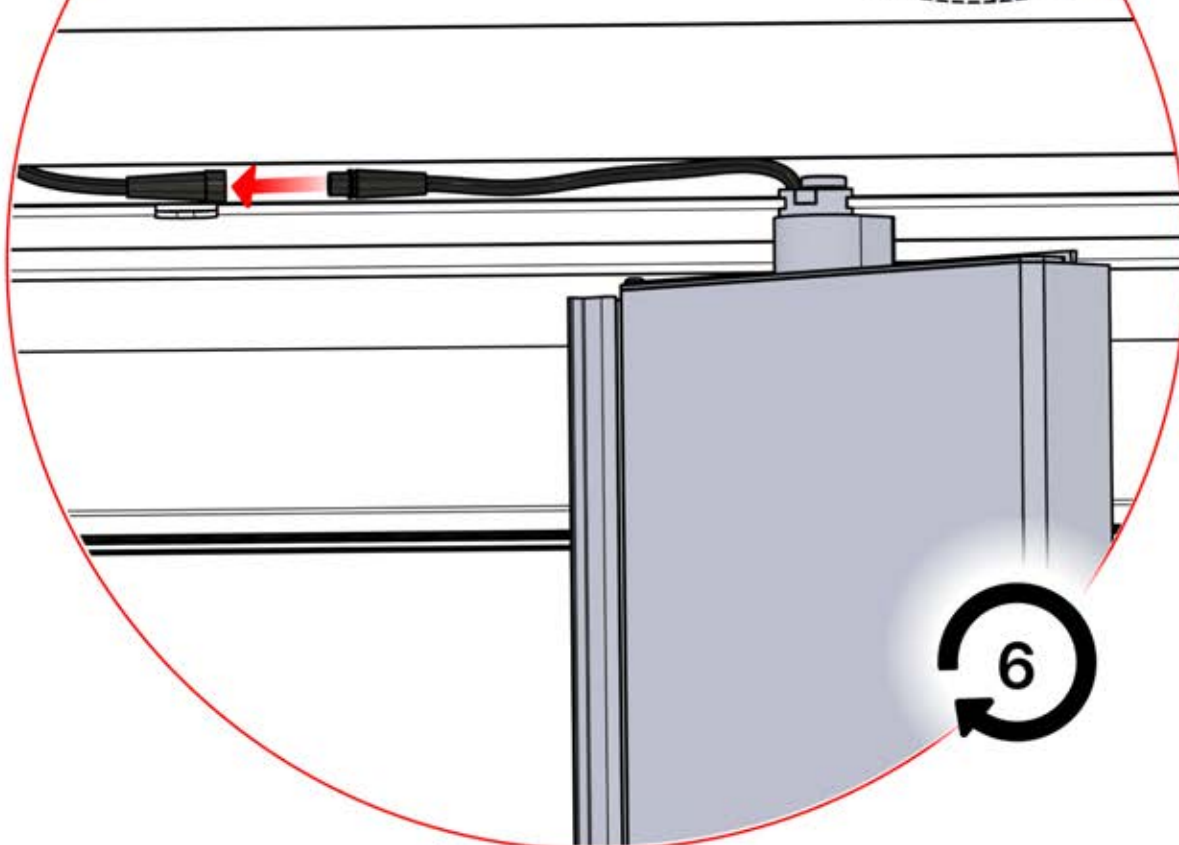
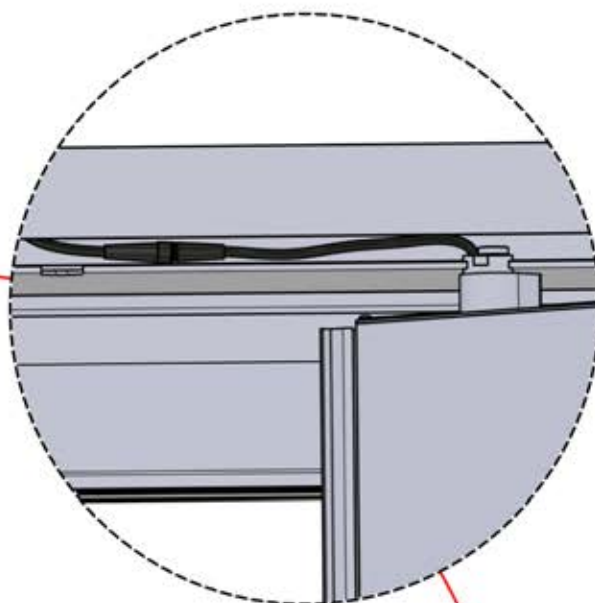
56



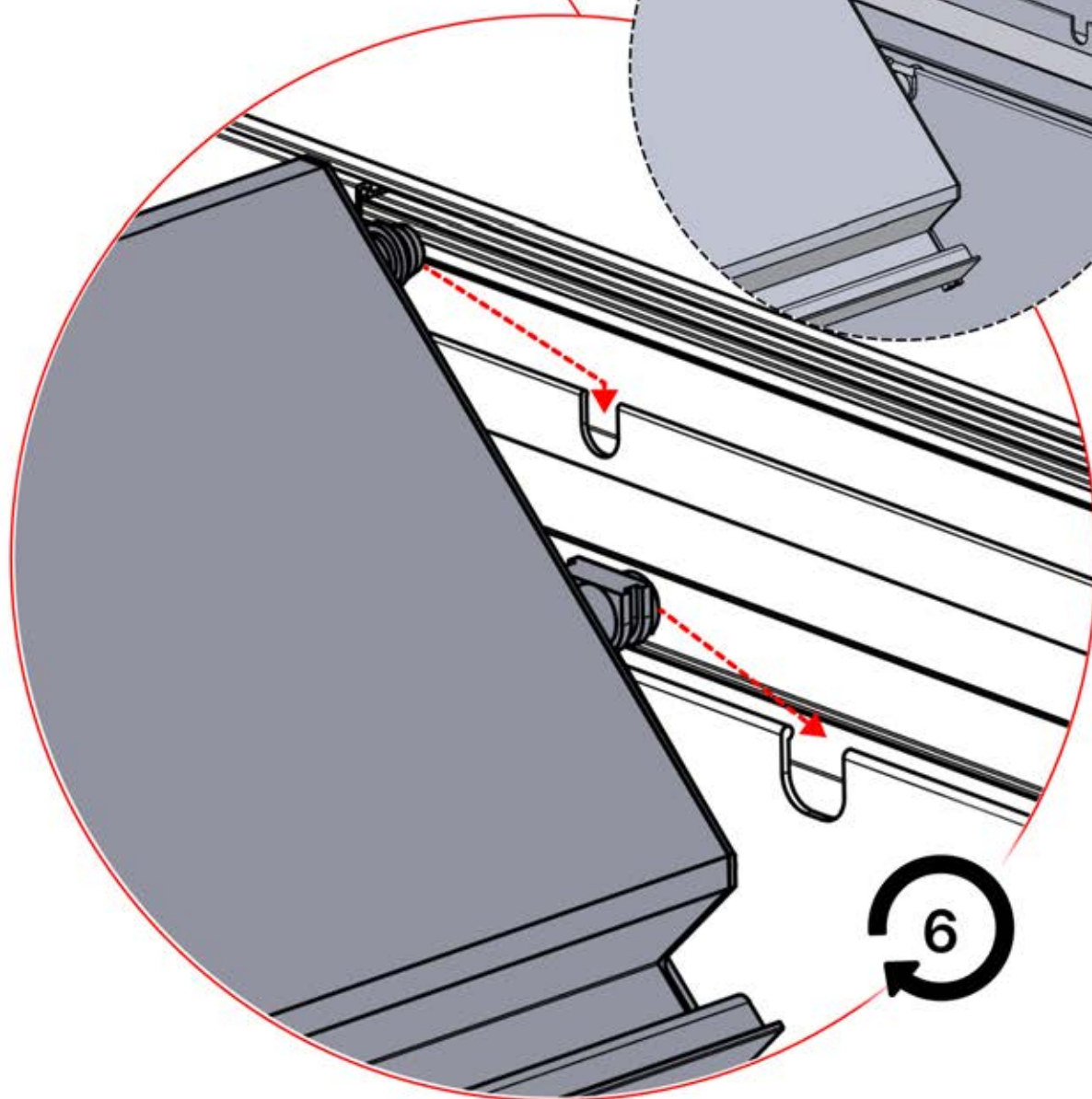
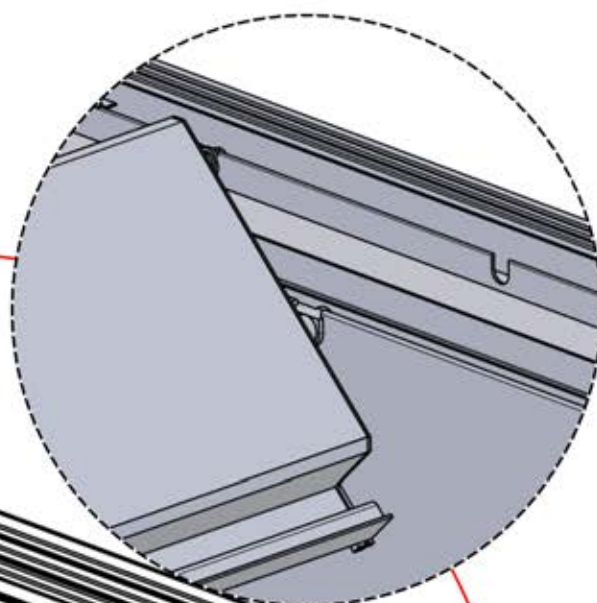
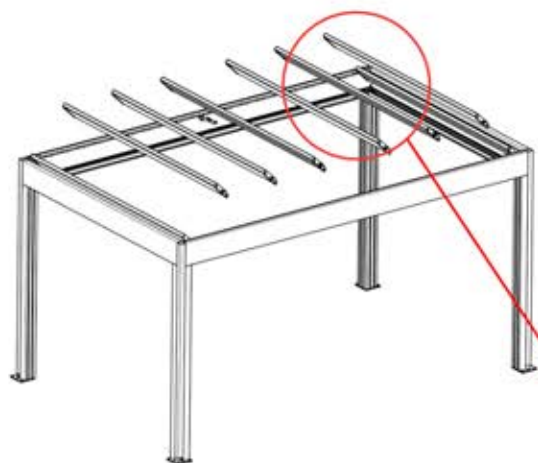
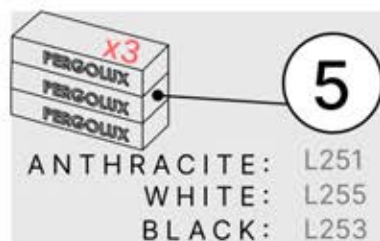
57



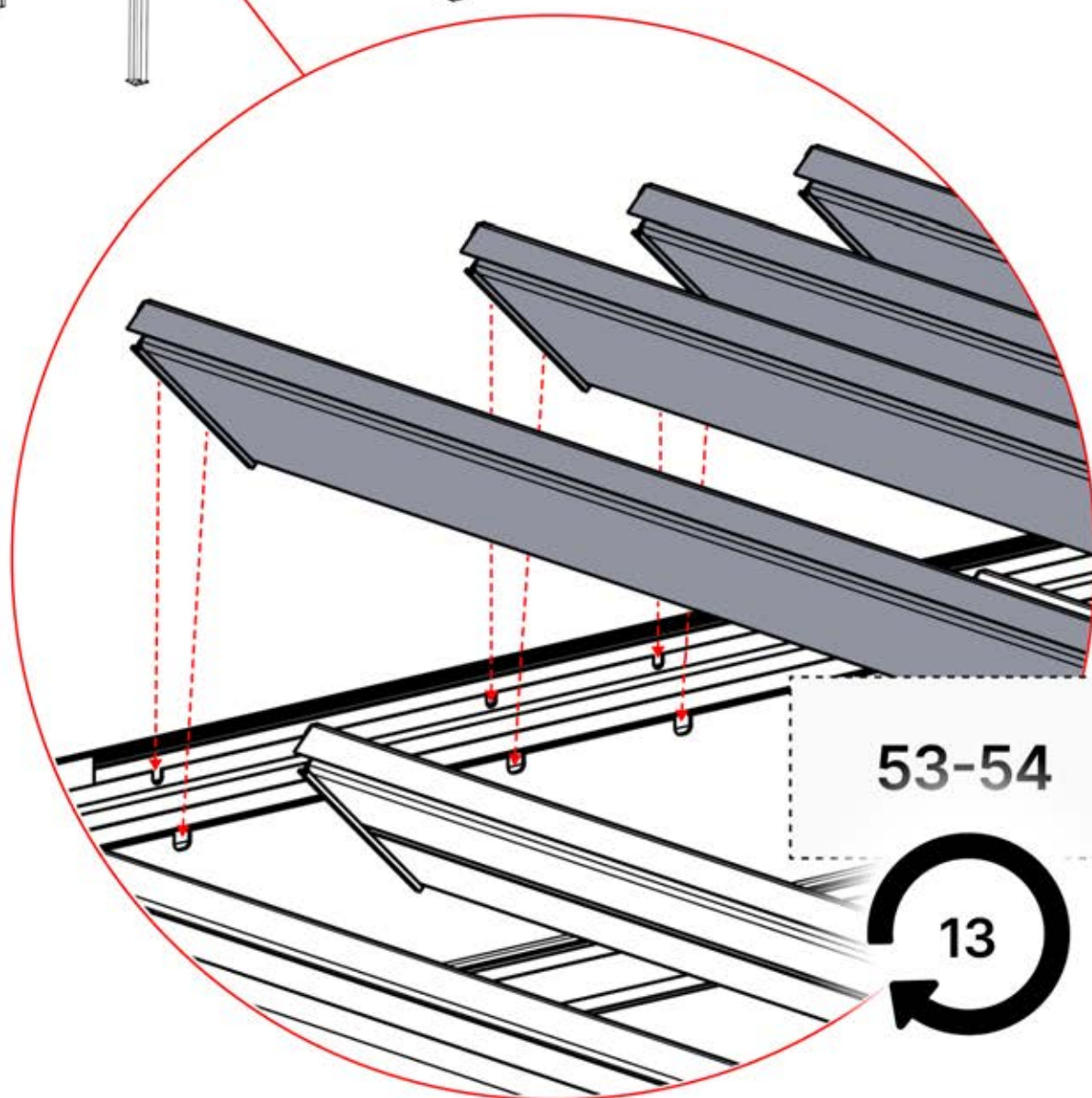
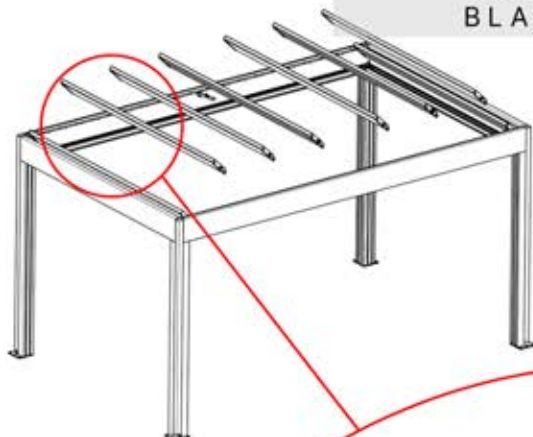
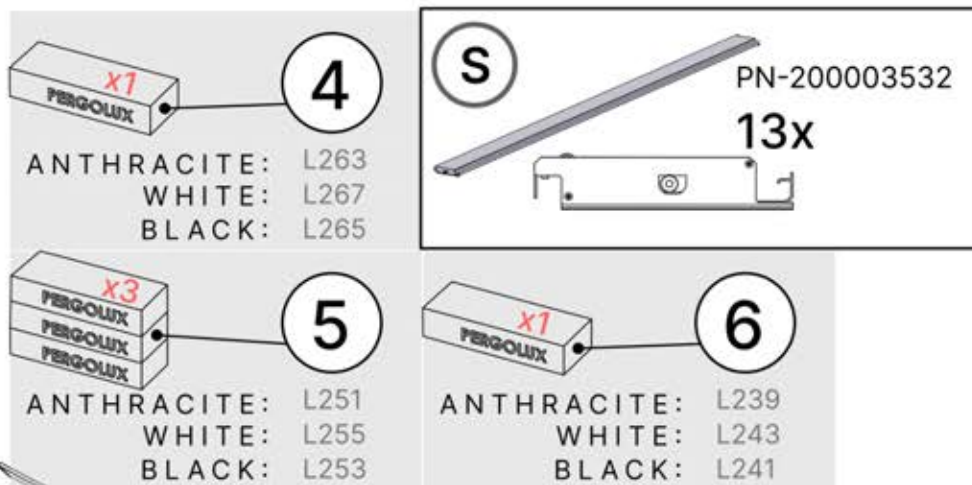

Connect the LED
cable to the 4-pin LED
wire



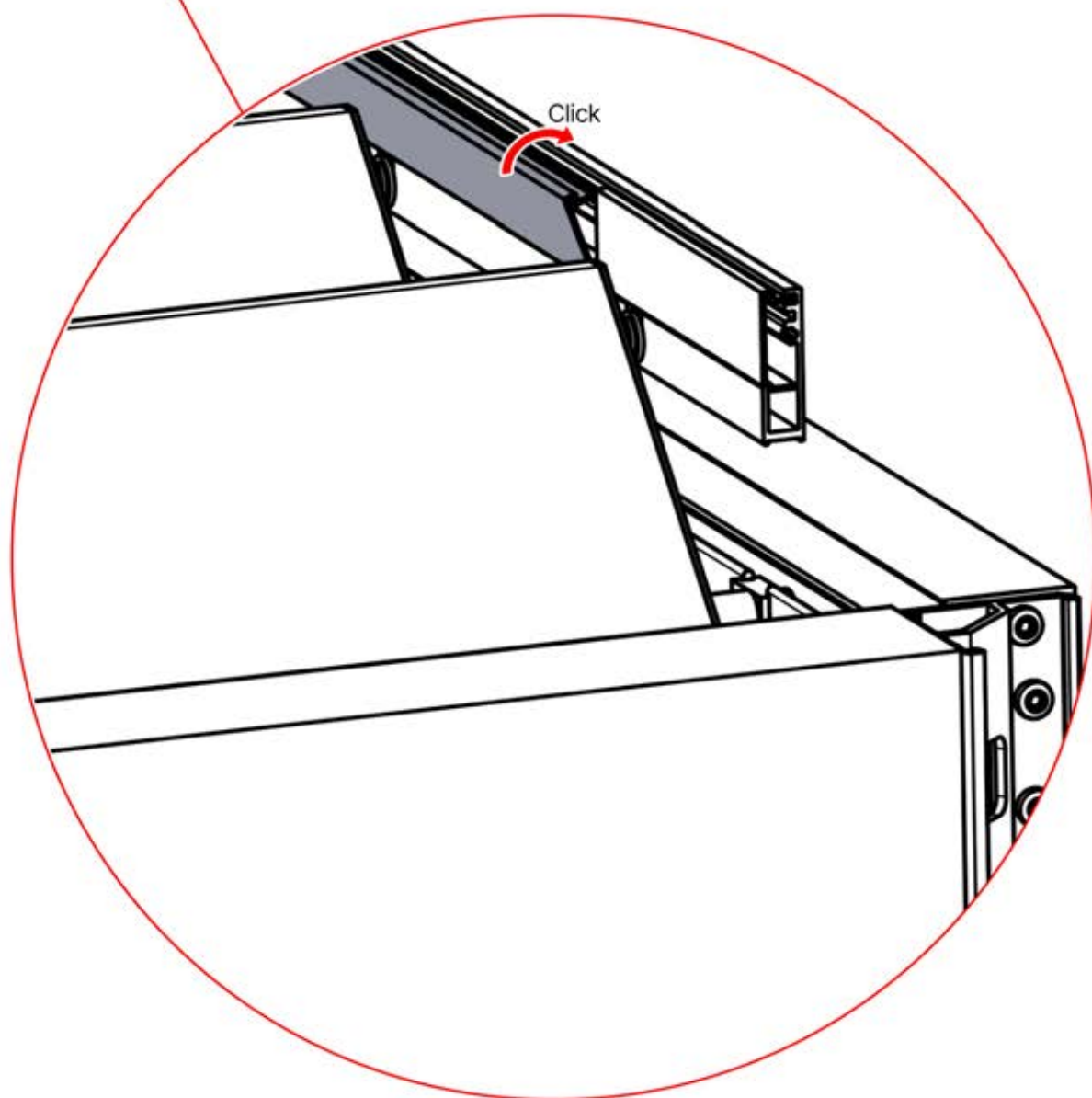
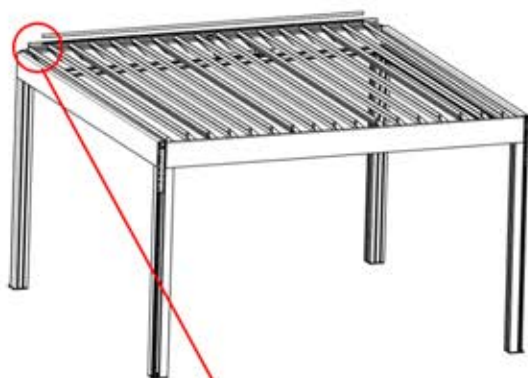
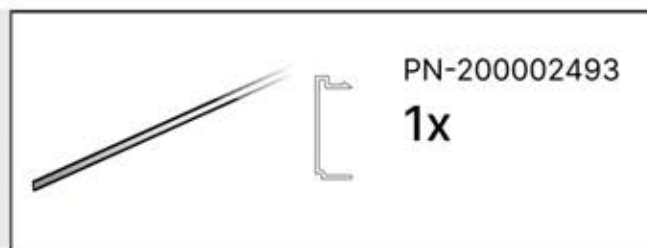
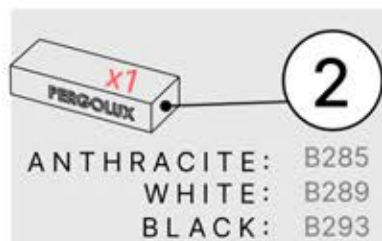
58



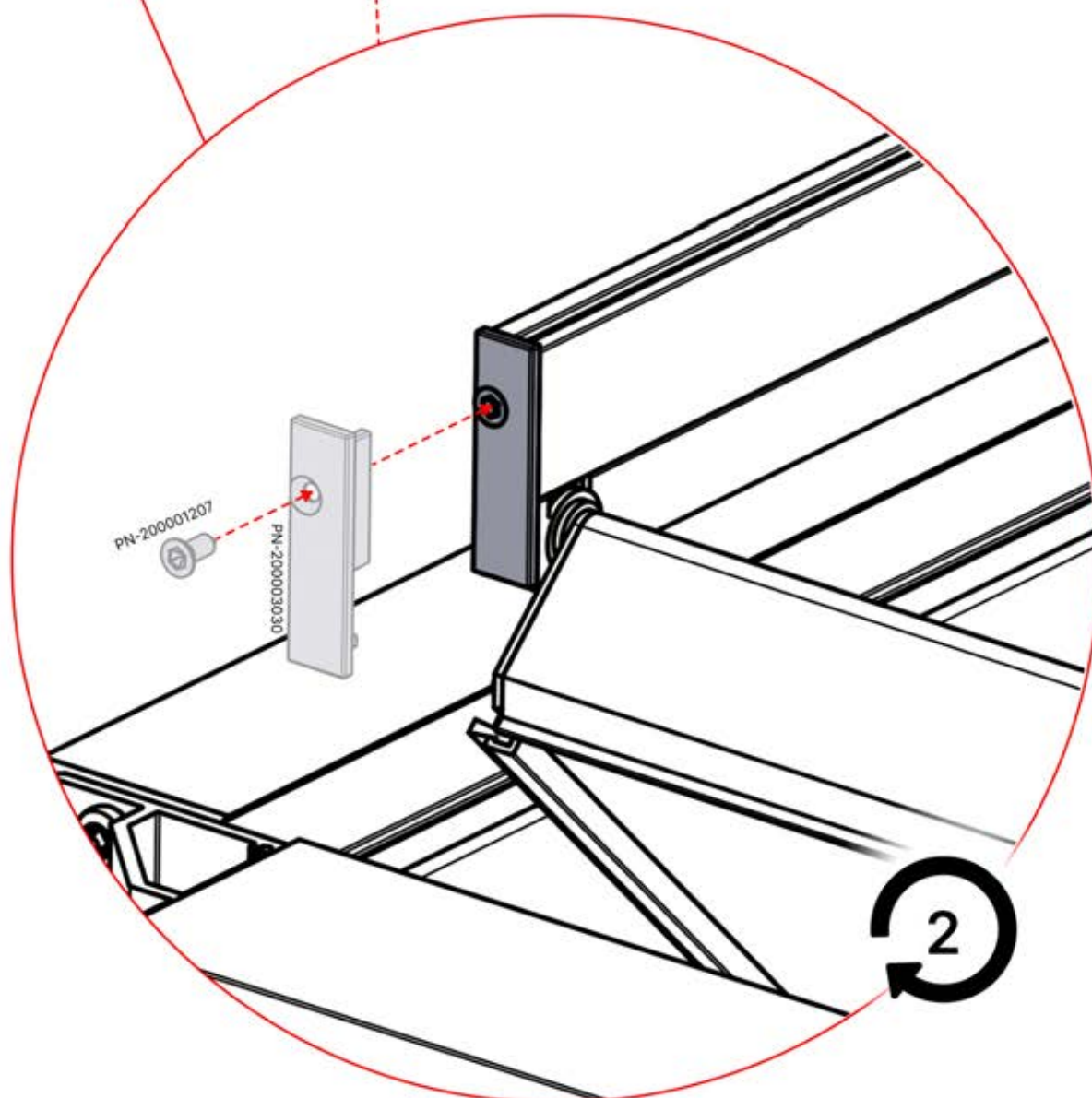
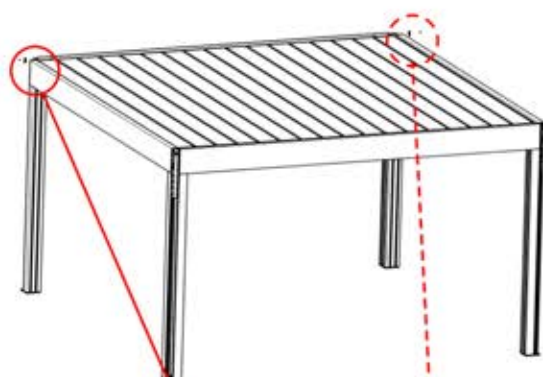
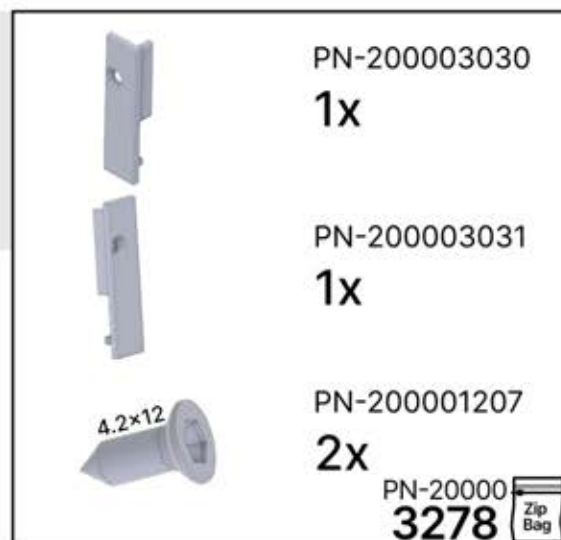
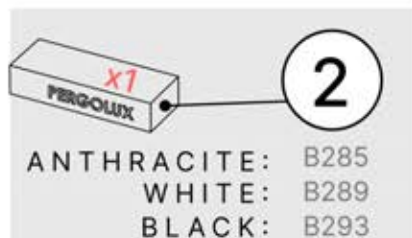
59



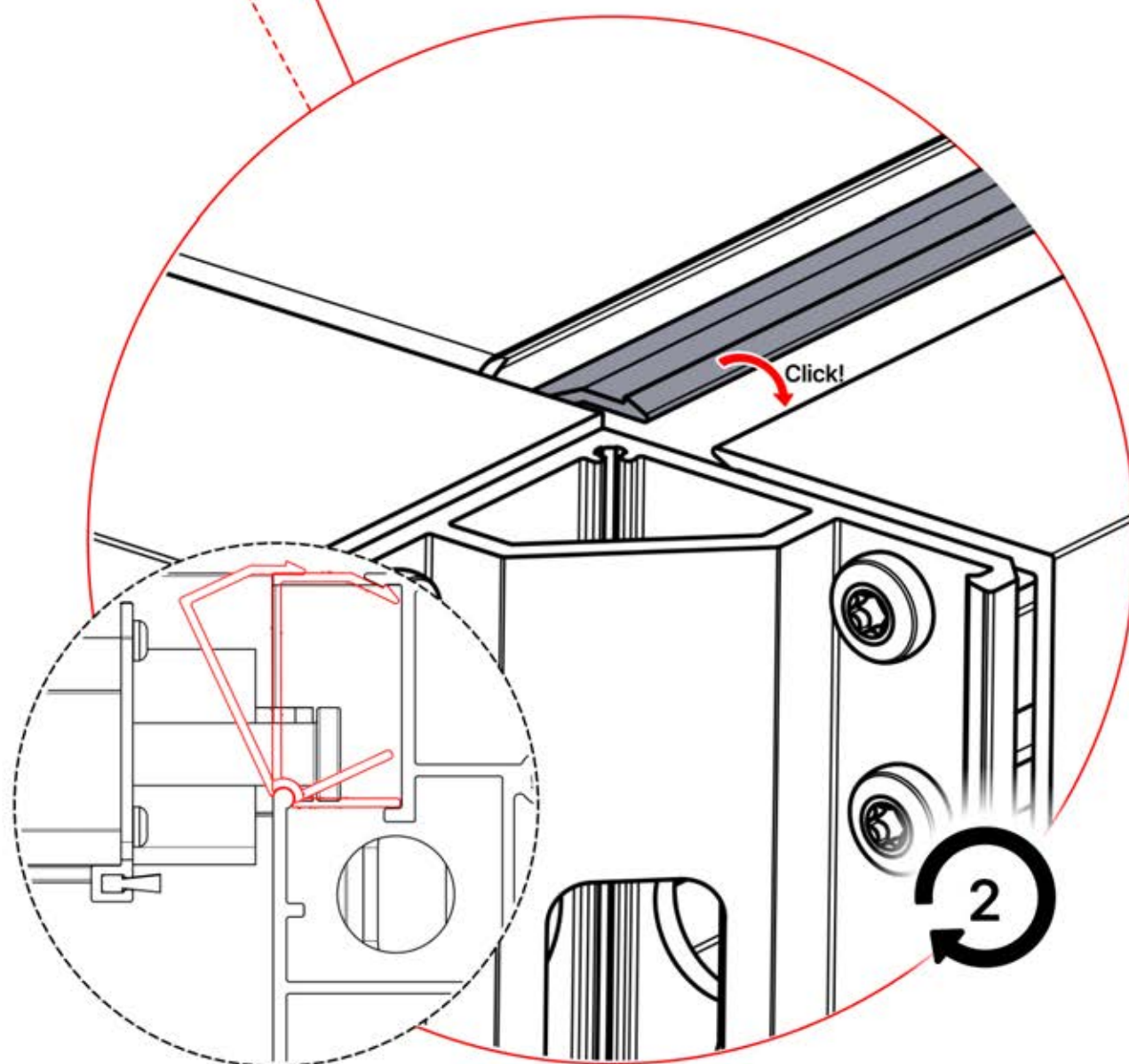
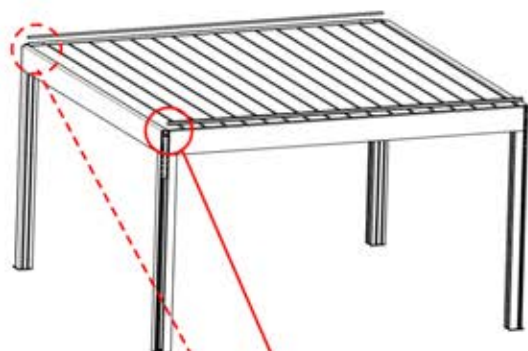
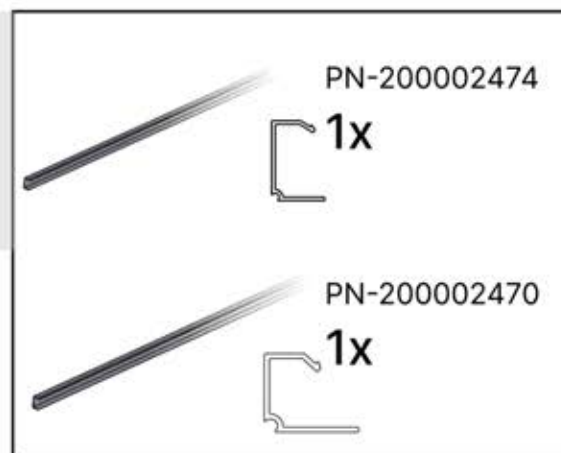
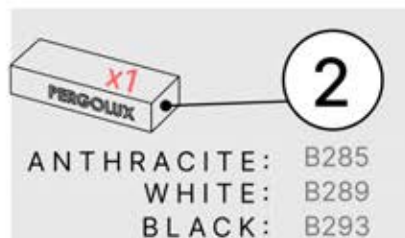
60



61



62

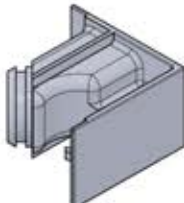


INFORMATION

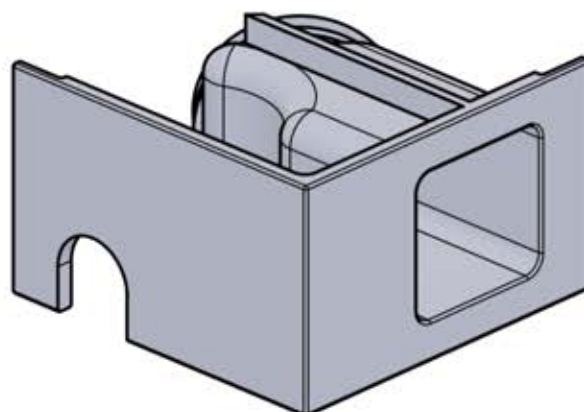
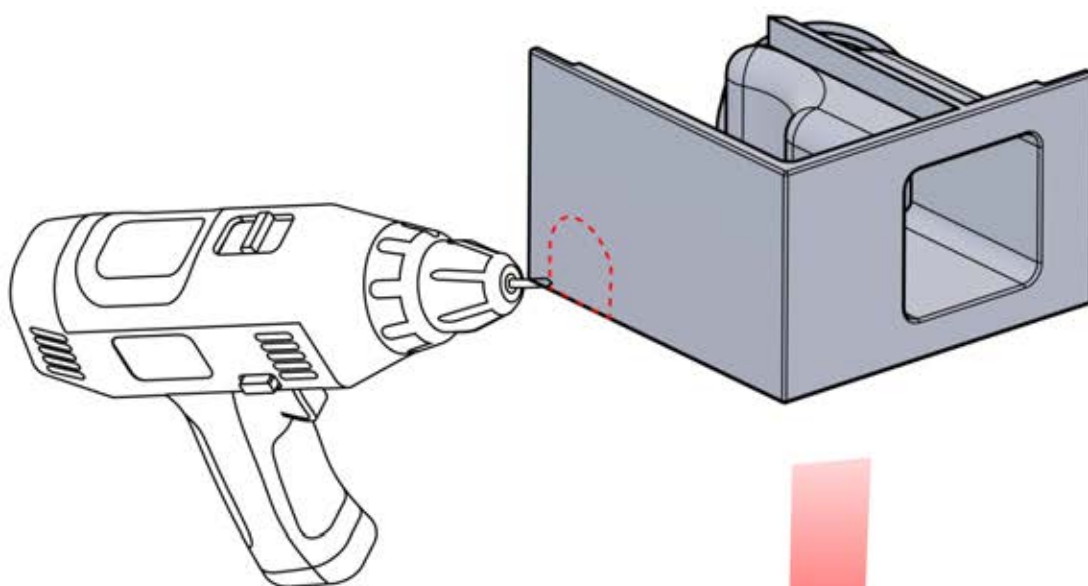


ANTHRACITE: B285
WHITE: B289
BLACK: B293

2



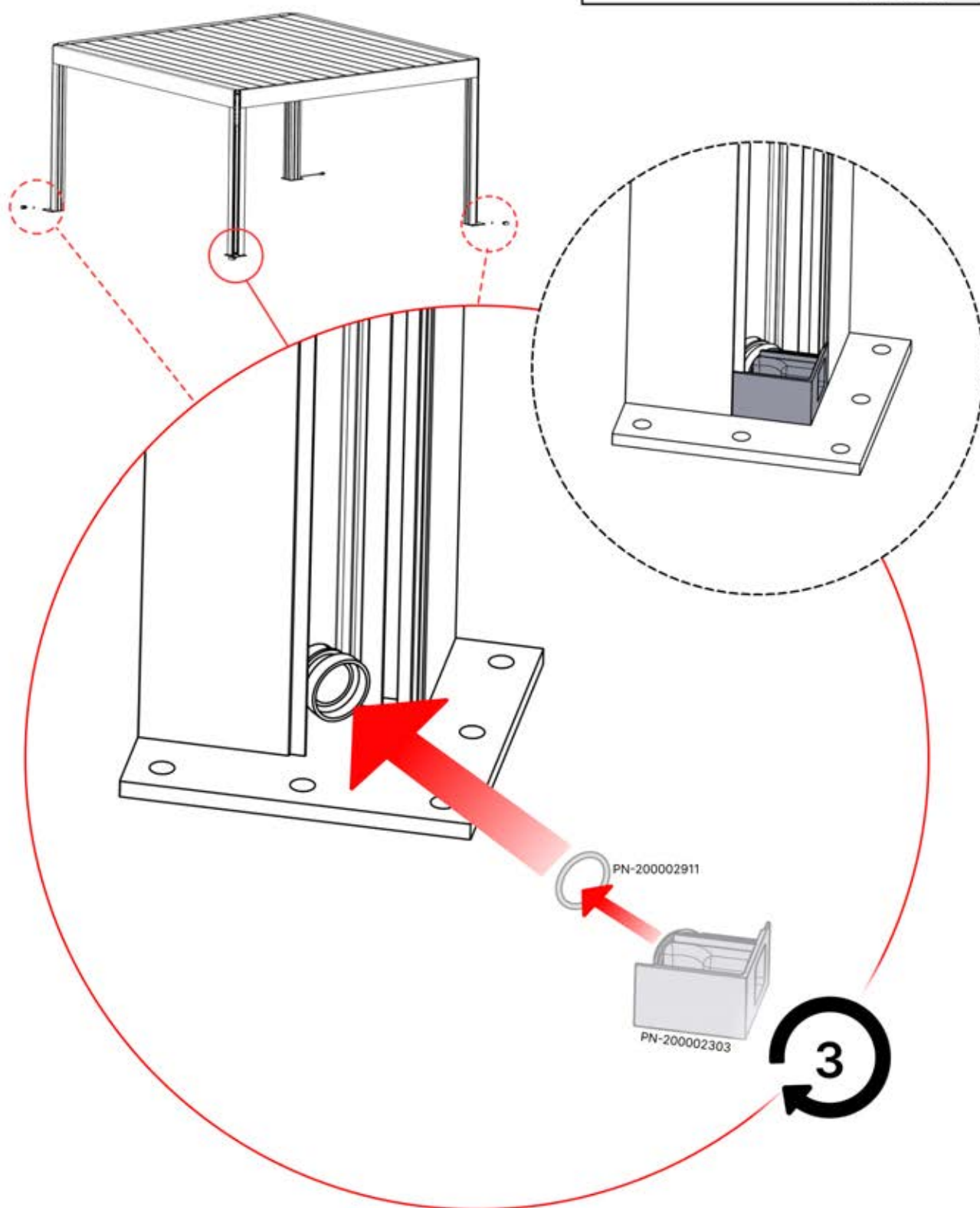
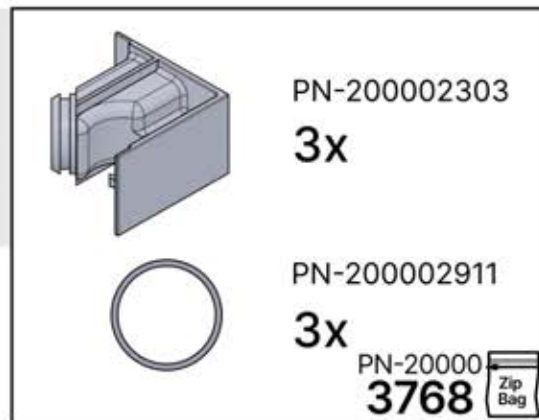
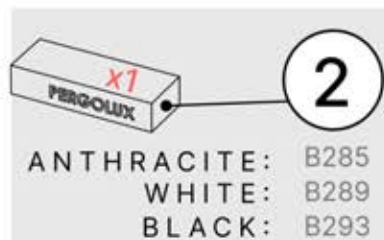
PN-200002303
1x
PN-20000
3768 



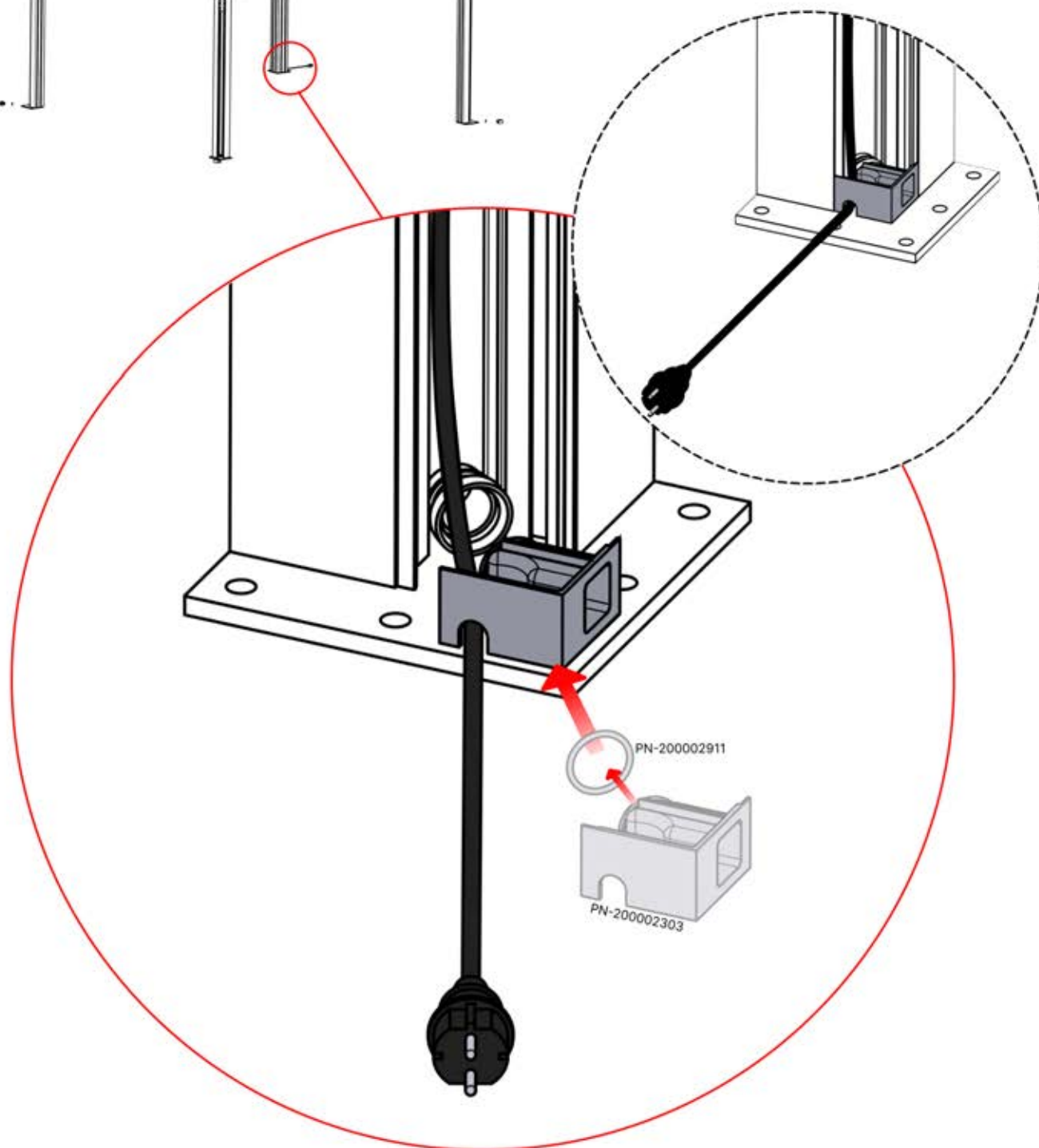
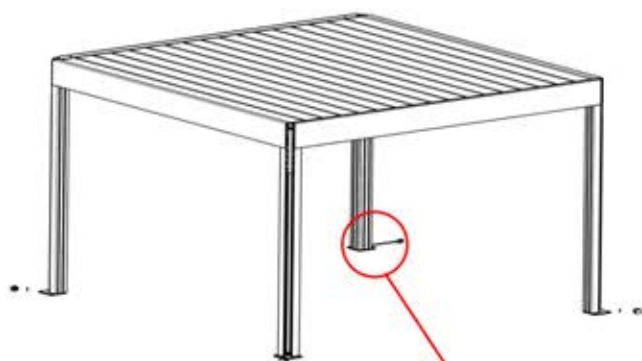
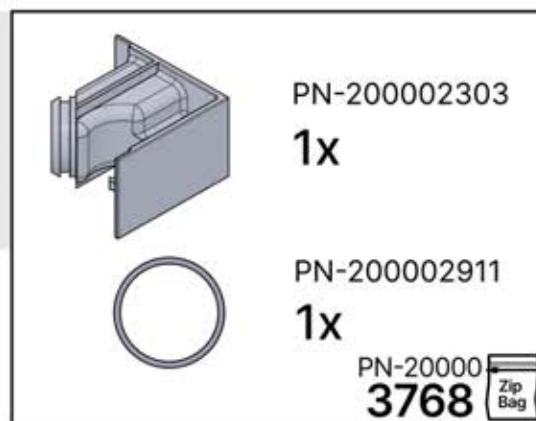
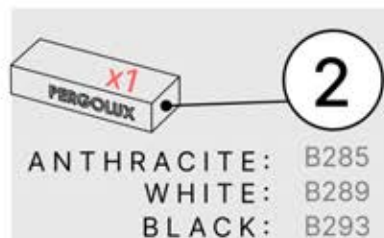
Select one of the four
PN-200002303 parts and drill a
10 mm diameter hole to
accommodate the power cable.

This specific part must be
assembled to the corner pole as
illustrated in step 64

63



64



65

x2
PERGOLUX
PERGOLUX

1

ANTHRACITE: C126
WHITE: C127
BLACK: C128

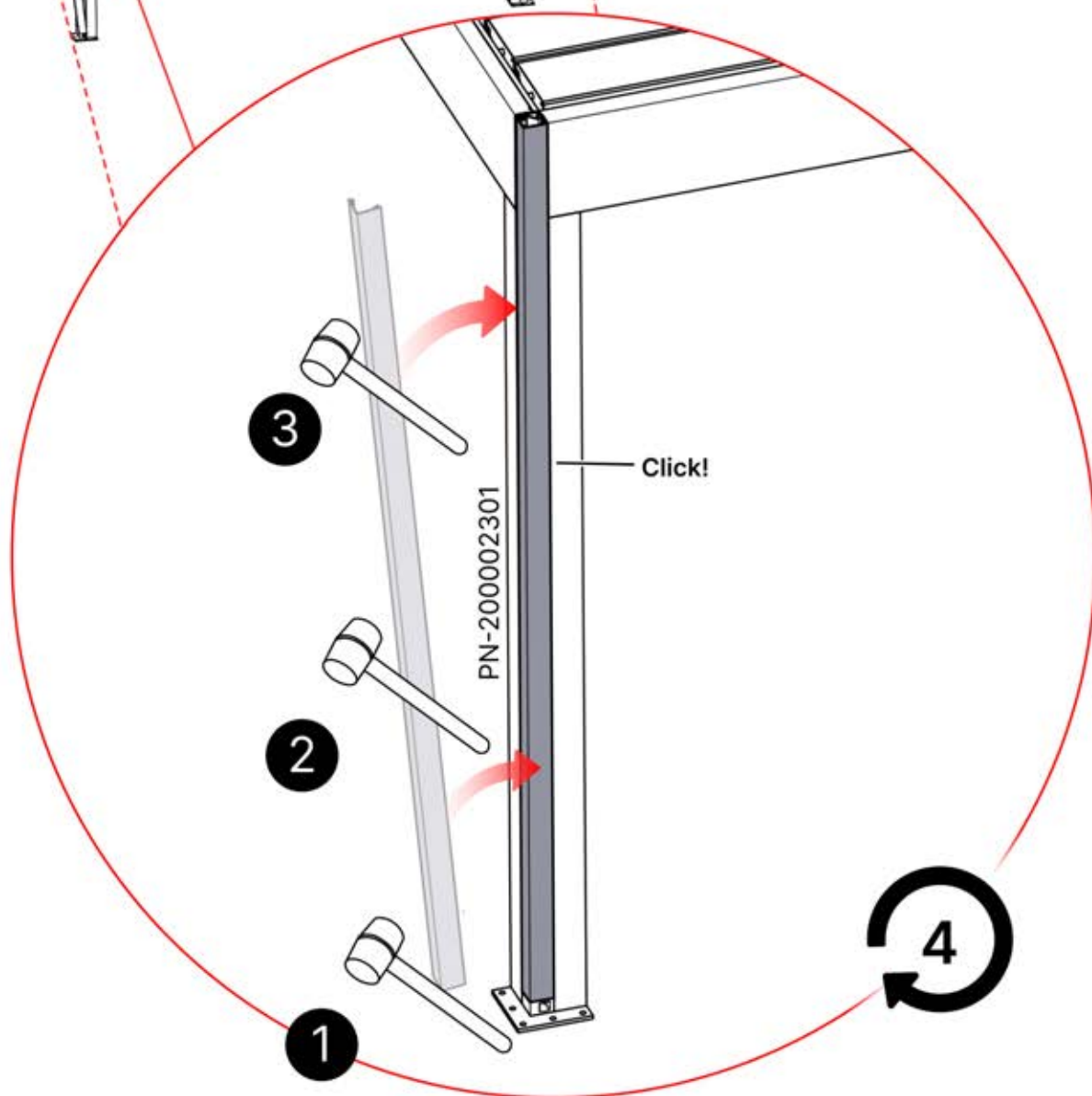
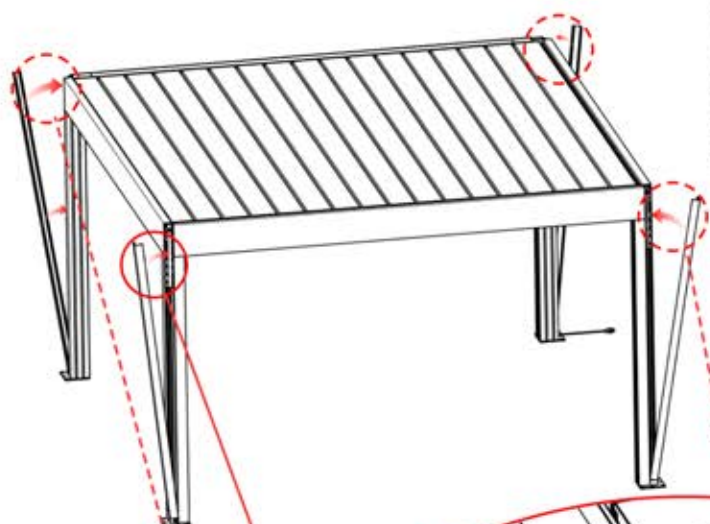
PN-200002301
4x



⚠️



⚠️



66



2

ANTHRACITE: B285
WHITE: B289
BLACK: B293



PN-200002291

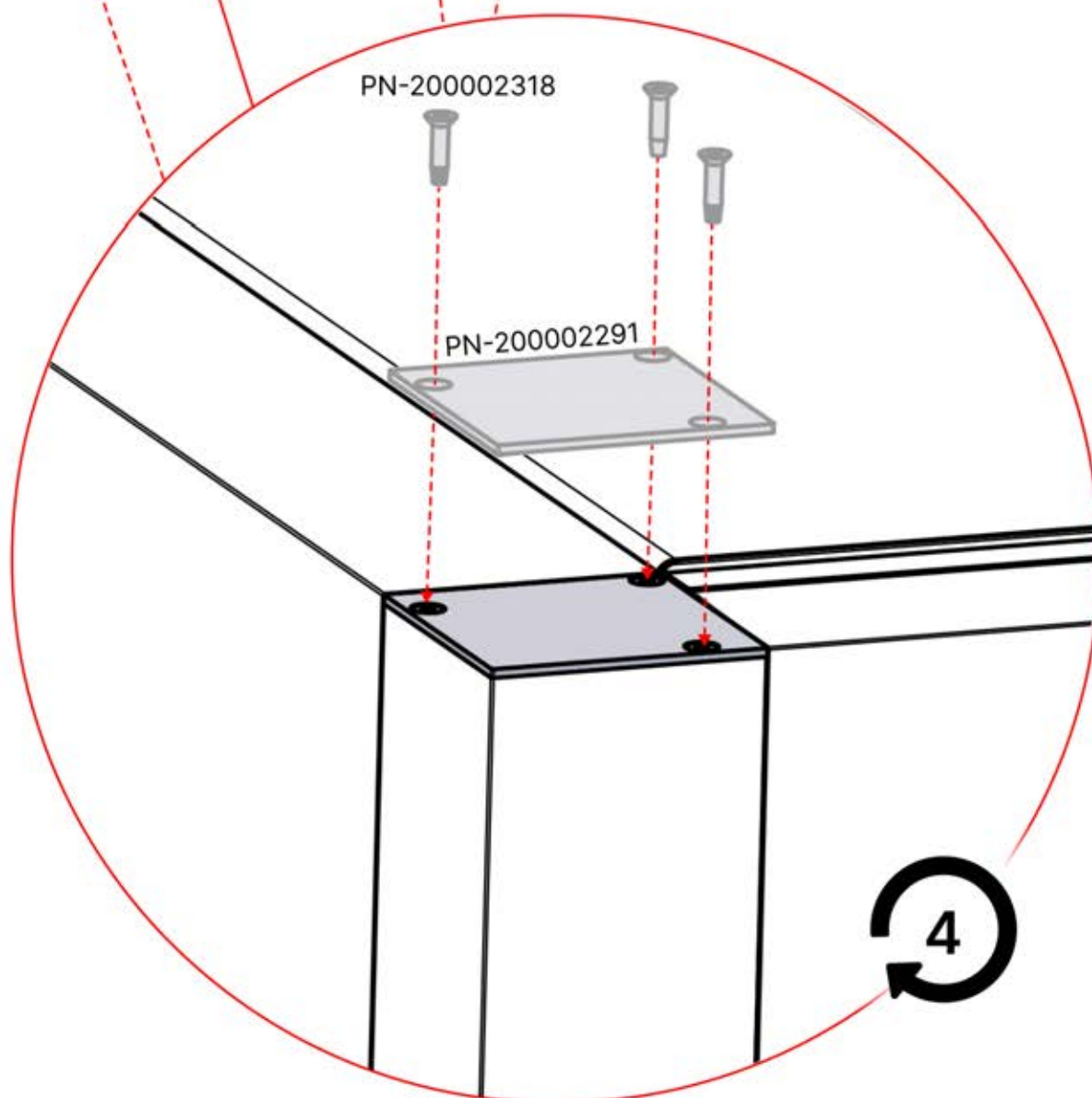
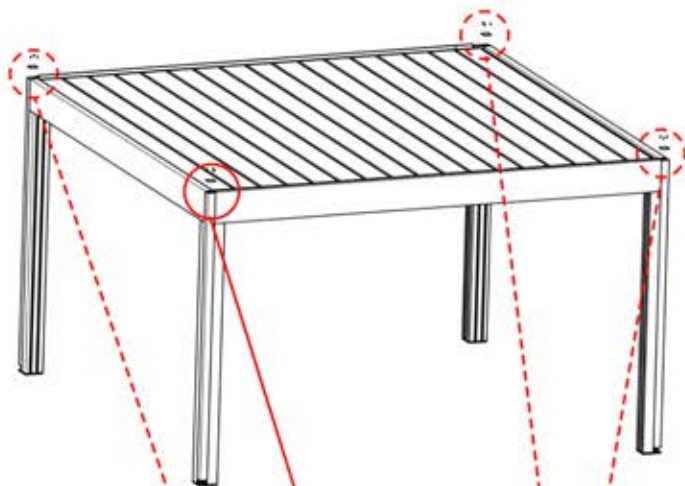
4x



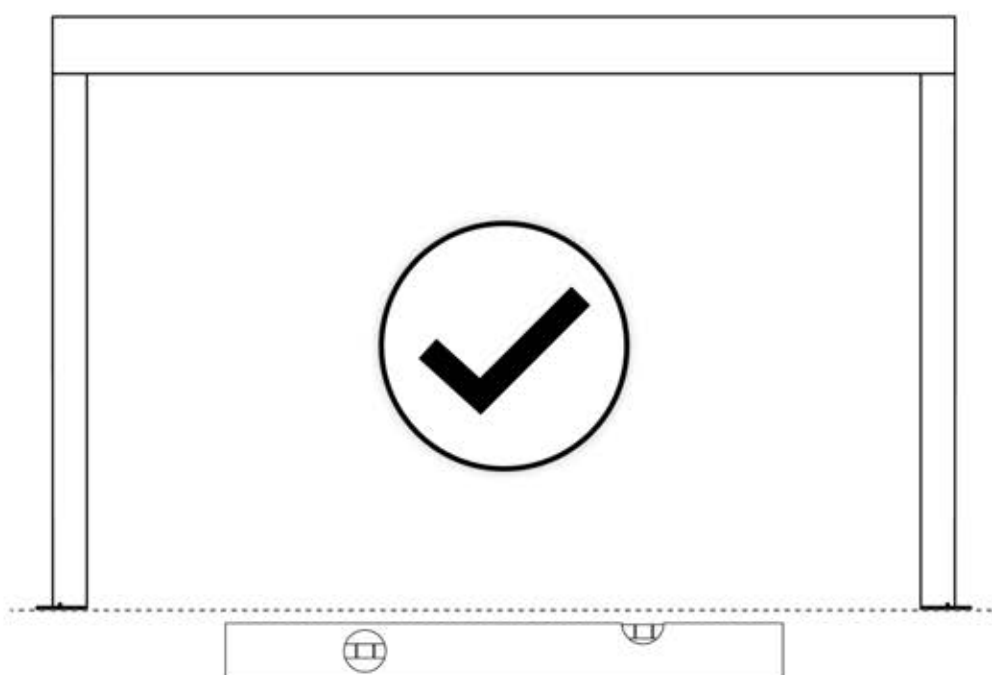
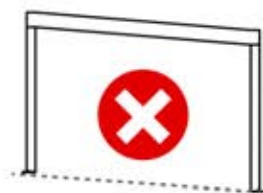
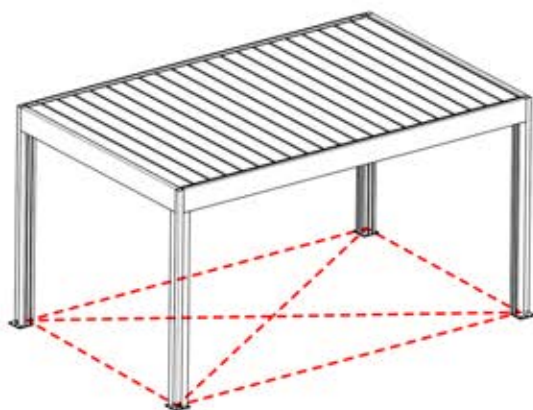
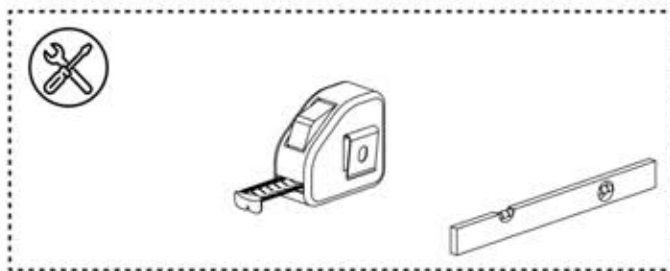
PN-200002318

12x

PN-20000
3759



67



68



Use on
concrete



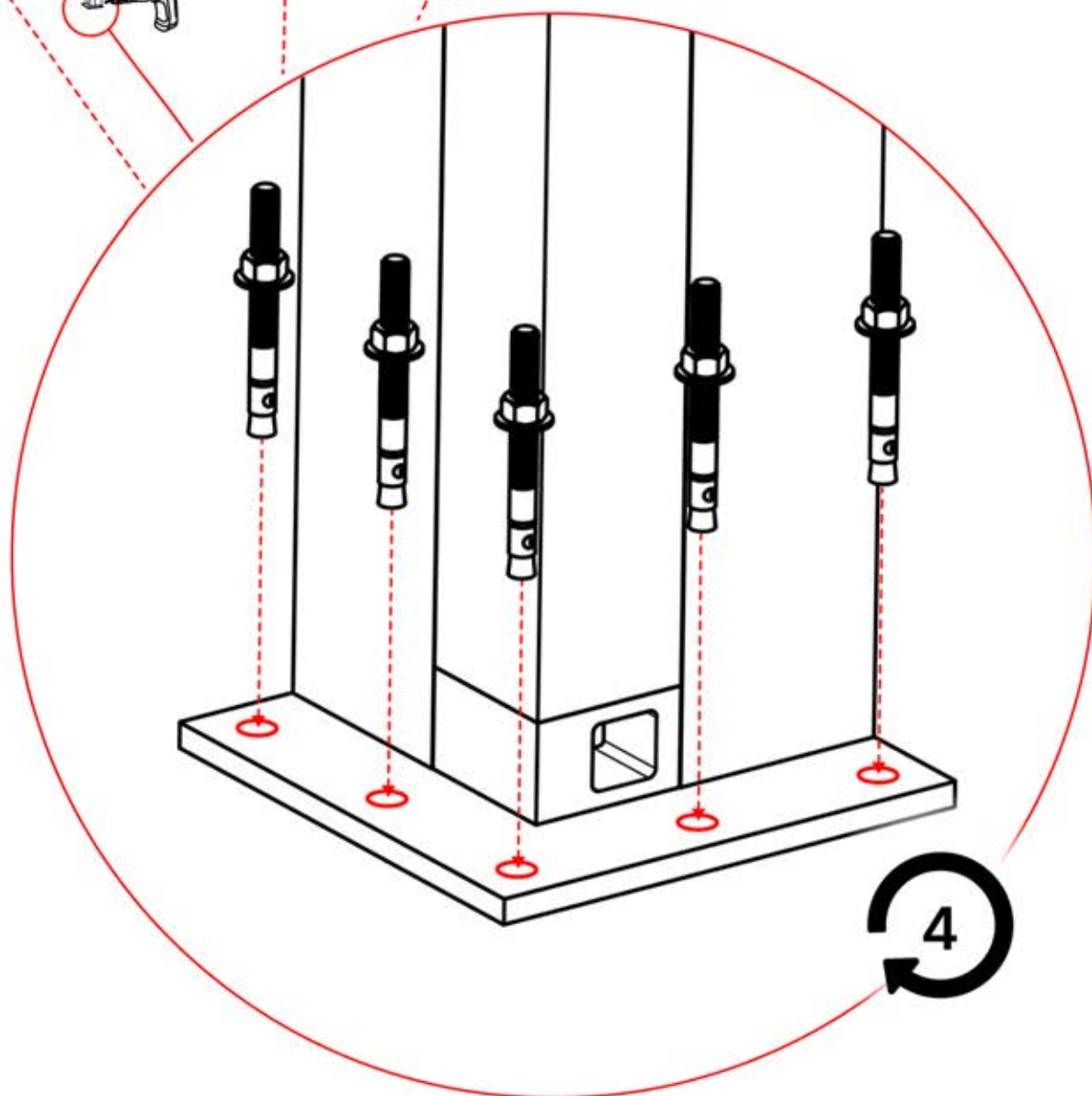
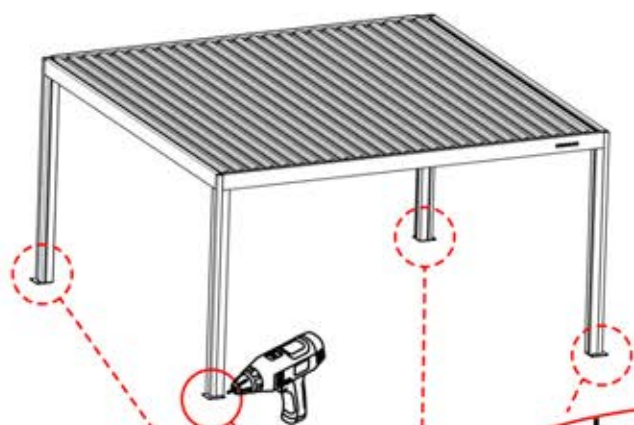
x12



Use on
wood

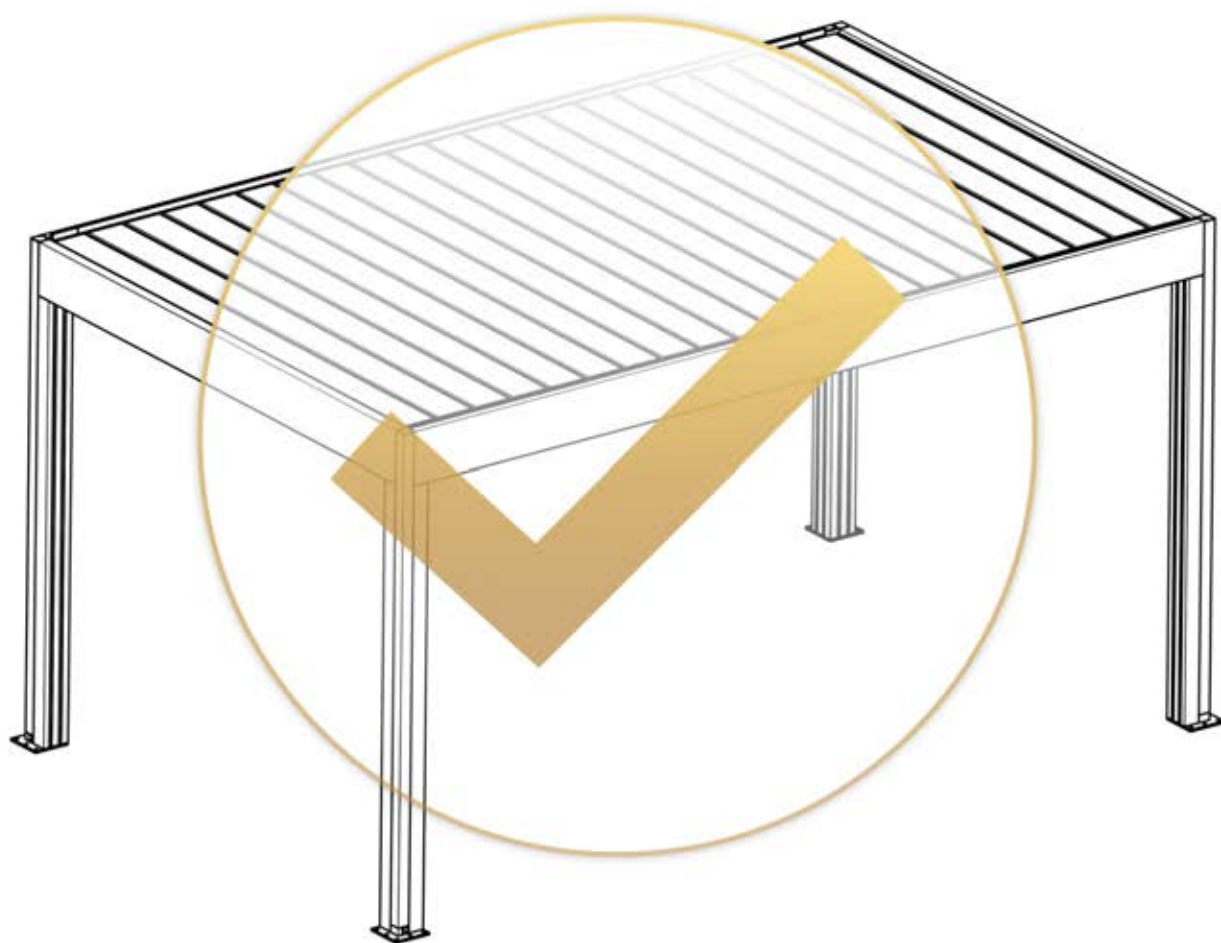


x12



PERGOLUX | PERGOLA PRO MAX+ FREESTANDING S4

3X5M / 10'x16'



Type Approved
Regular
Production
Surveillance

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