

Pergola
PRO
MAX+

PERGOLA

PRO MAX+



3x3m/10'x10'
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

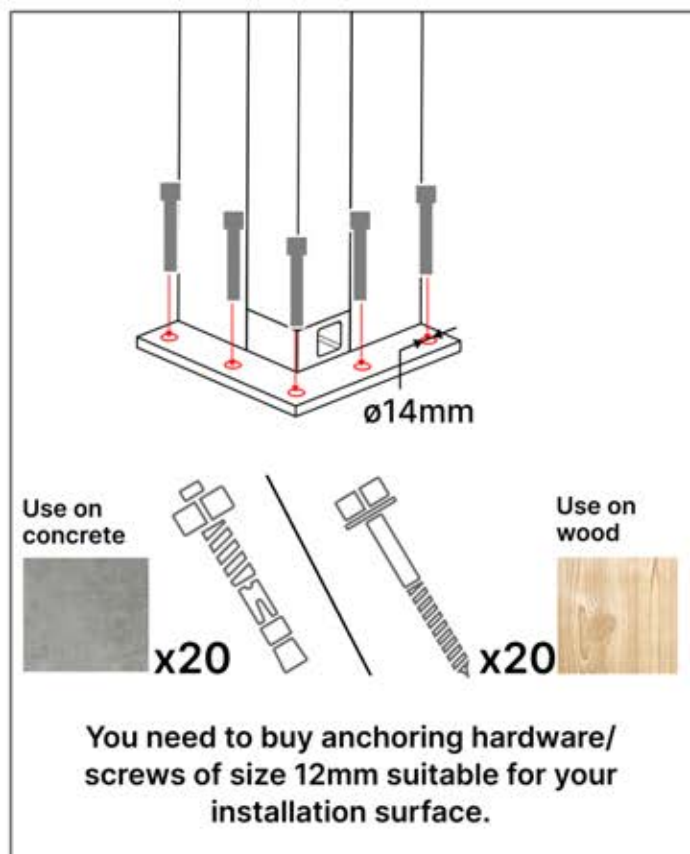


Turn around



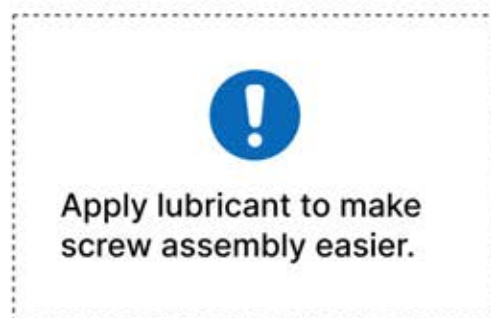
Discard

INFORMATION

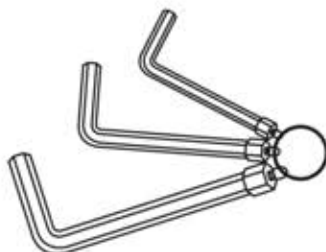
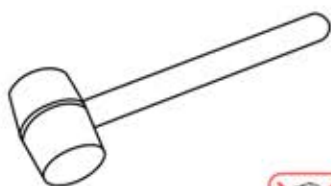


All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

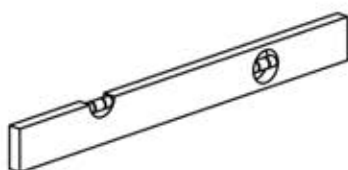
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



TOOLS

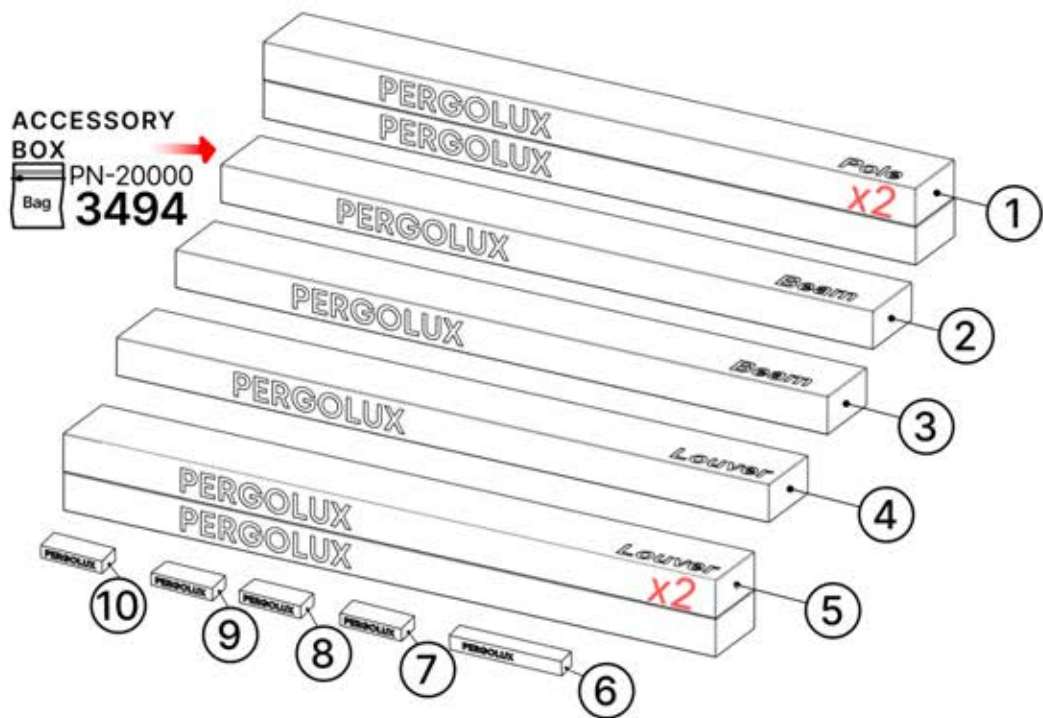


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

PACKAGE OVERVIEW

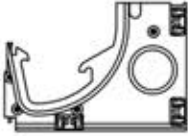
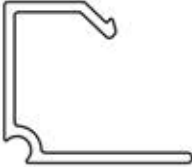


ORDER	ANTHRACITE	WHITE	BLACK
①	C126	C127	C128
②	B283	B287	B291
③	B307	B309	B311
④	L263	L267	L265
⑤	L251	L255	L253
⑥	ELECTRIC MOTOR		
⑦	CONTROL BOX		
⑧	POWER CABLE		
⑨	LED BOX		
⑩	SCREW KIT PN-200004210		

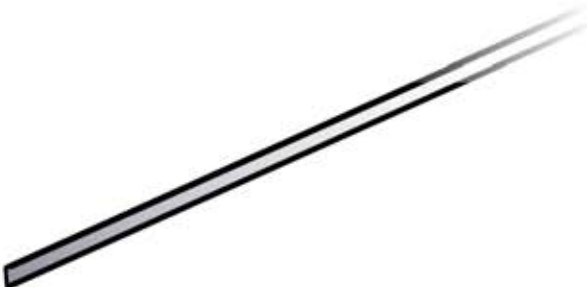
ITEMS IN BOX

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

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	2	B283	B287 B291
		PN-200003505 1x	
		PN-200003506 1x	
		PN-200002932 2x	
		PN-200002927 1x	
		PN-200002929 1x	

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
2		B283	B287	B291
		PN-200002934 1x		
		PN-200002935 1x		
		PN-200002933 2x		
 PN-20000 3278 150mm  PN-200003033 2x  PN-200003030 1x  PN-200003031 1x  PN-200001207 2x				

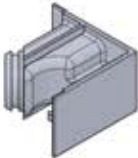
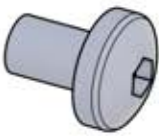
ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
2		B283	B287	B291
PN-20000 3757  PN-200002282 4x  PN-200002298 4x PN-200000832 4x				
PN-20000 3496  PN-200002289 4x PN-20000 3756 PN-200000958 4x				
PN-20000 3750  PN-200003051 8x  PN-200003050 8x PN-200003049 8x				
PN-20000 3759  PN-200002291 4x PN-200002318 12x PN-20000 3497  PN-200002329 4x PN-200000852 8x				

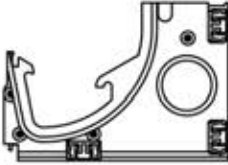
ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
2		B283	B287	B291
 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		B283	B287	B291
	PN-20000 3495		PN-200002311 40x	
				
	PN-20000 3767		PN-200002286 8x	
	PN-20000 3768		PN-200002911 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 4x	
			LED =  PN-200003536 4x	

ITEMS IN BOX



6

ELECTRIC MOTOR



Electric motor
PN-200001562
1x



PN-200003773
1x



PN-200001624
1x



PN-200001625
2x

ITEMS IN BOX



7

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



8

POWER CABLE



PN-200003781

1x



9

LED BOX

PN-20000
Zip Bag
3825



LED STRIP

4x



4 LED HARNESS

1x



10

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.

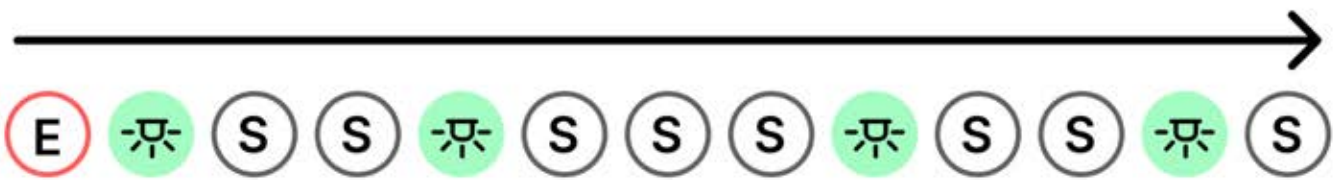
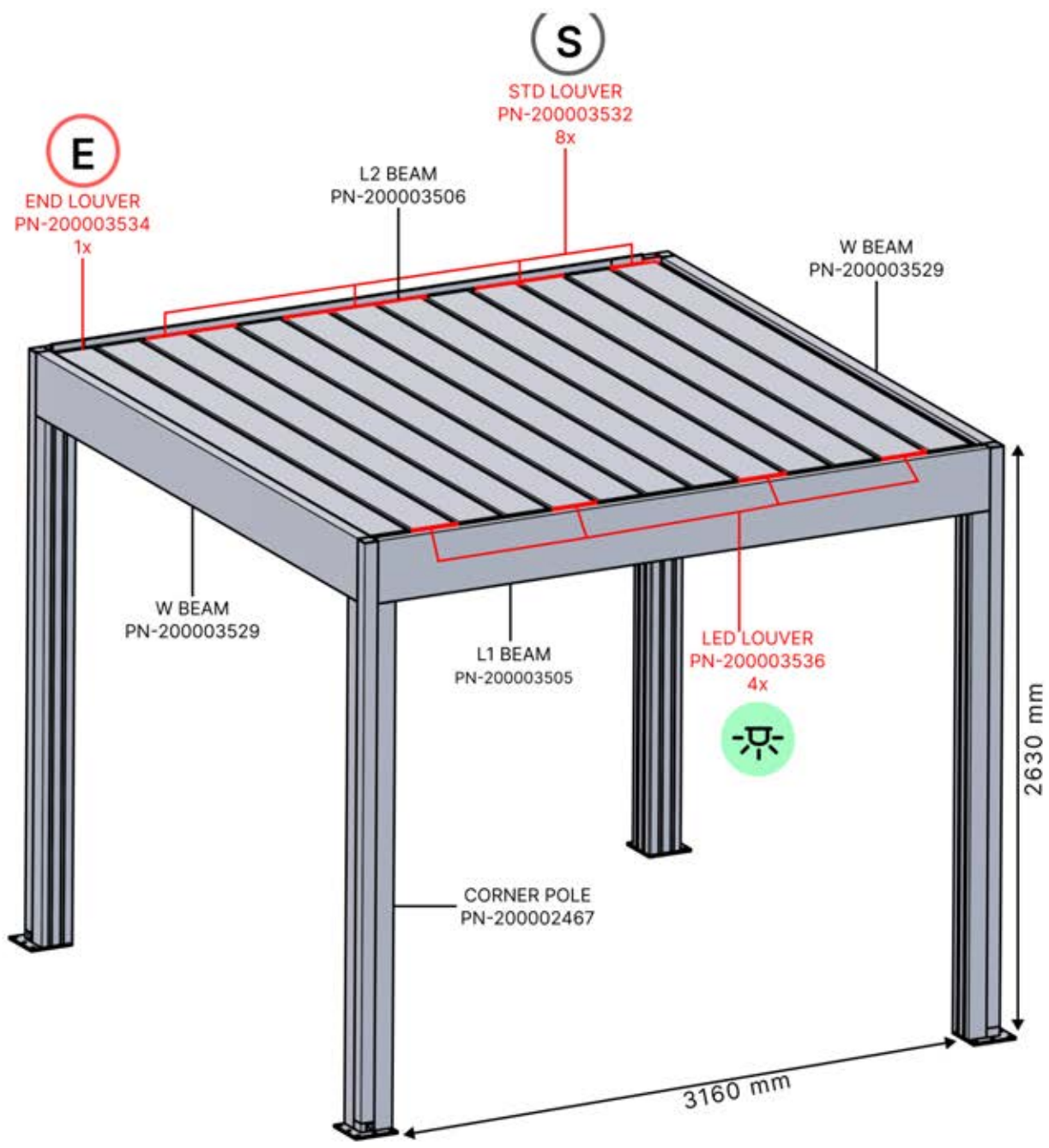
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



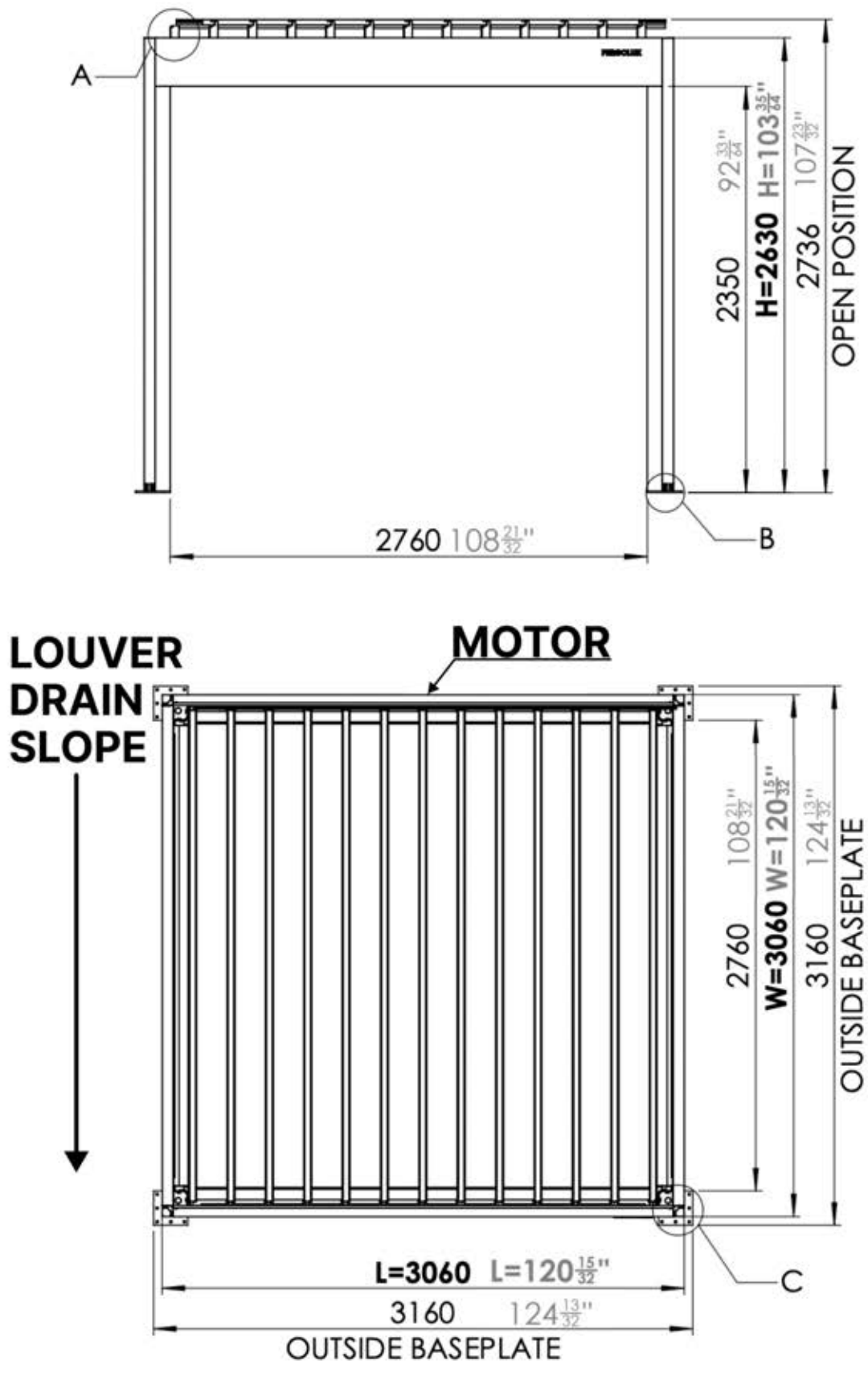
CONTROL BOX

[View Manual](#)

3 × 3 m / 10'x10'



3 × 3 m / 10' x 10'



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.

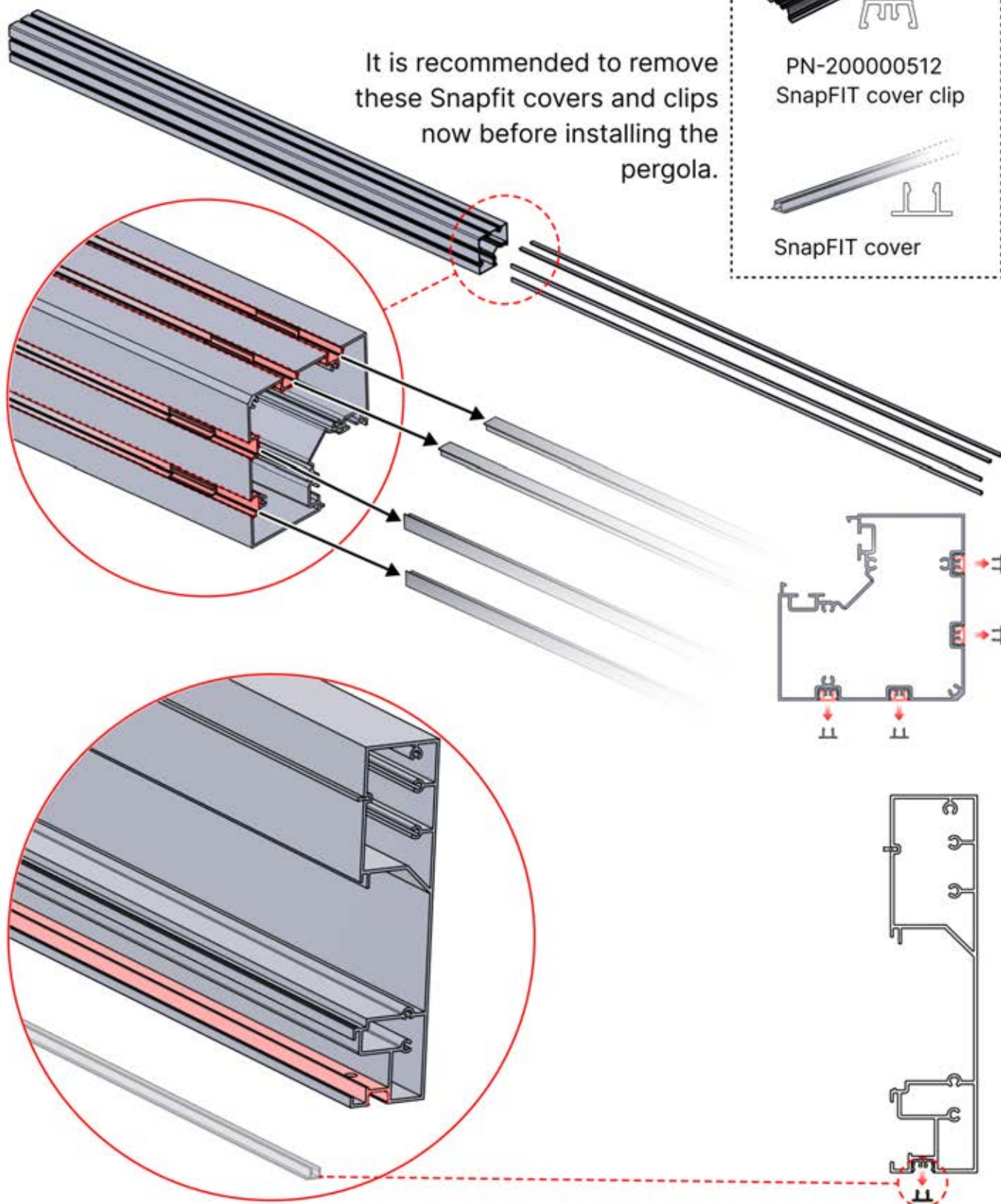
Cover and clips



PN-200000512
SnapFIT cover clip



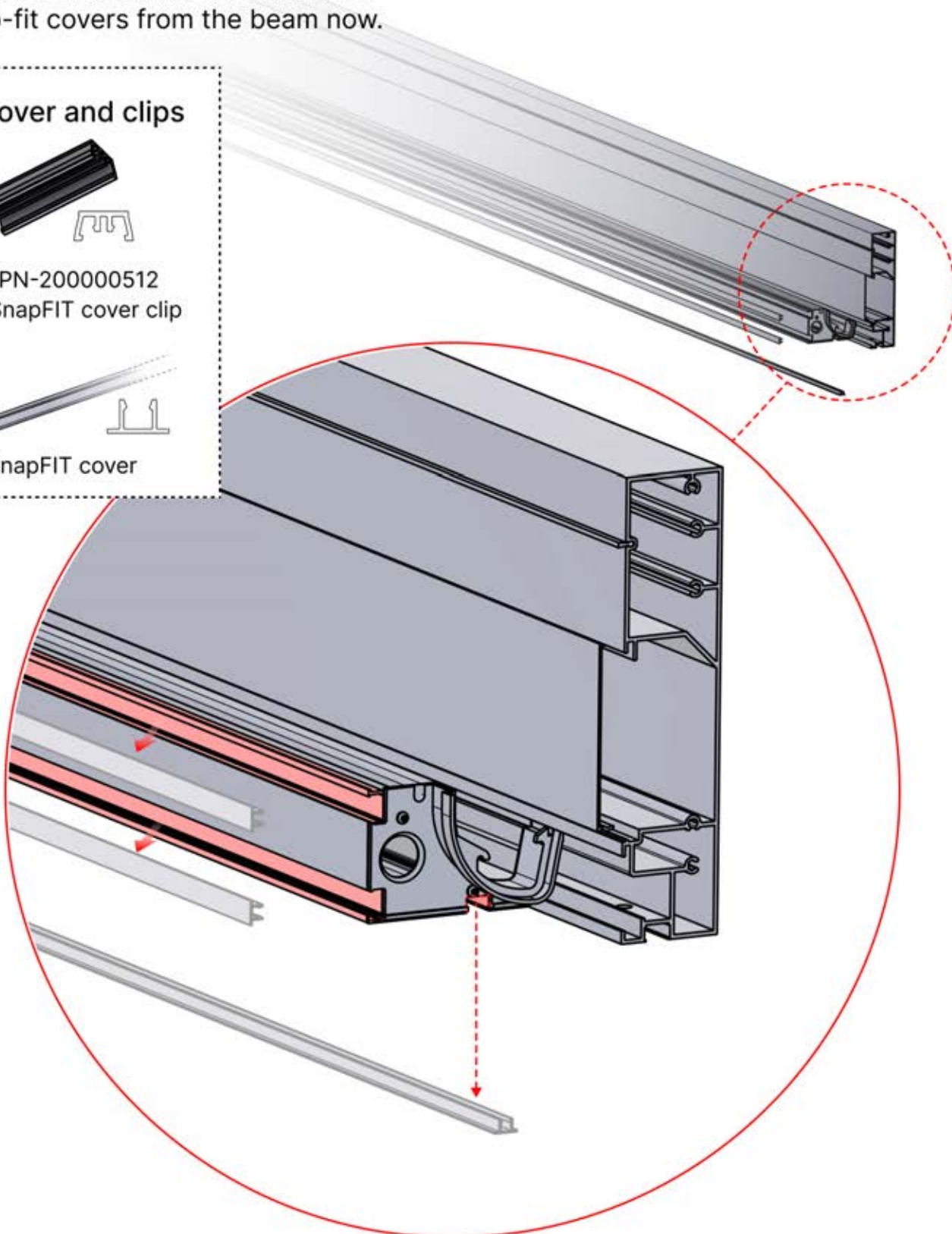
SnapFIT cover



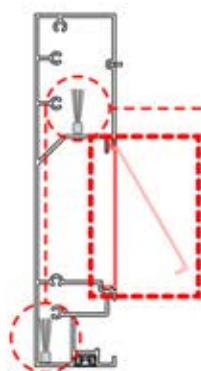
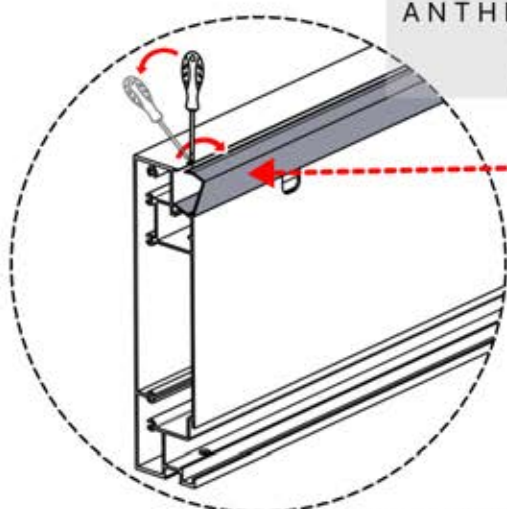
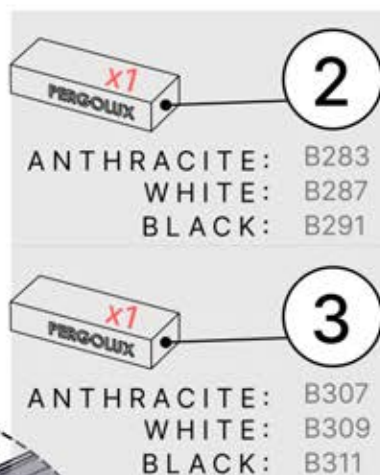
INFORMATION

Are you installing a heater or fan ?

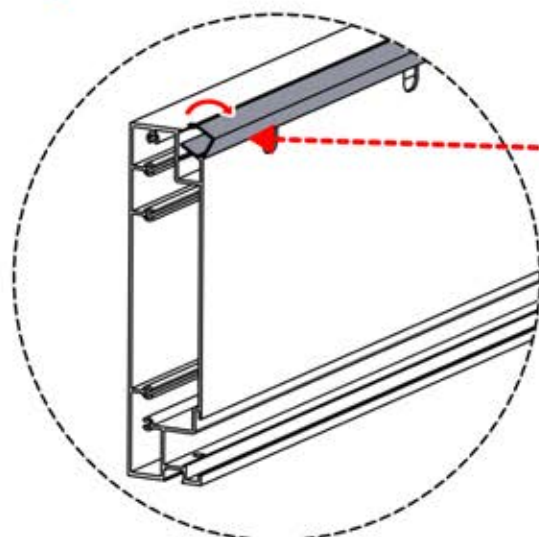
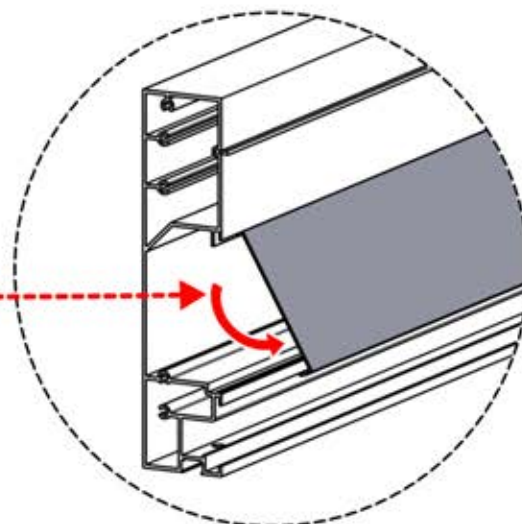
It is recommended to remove both snap-fit covers from the beam now.



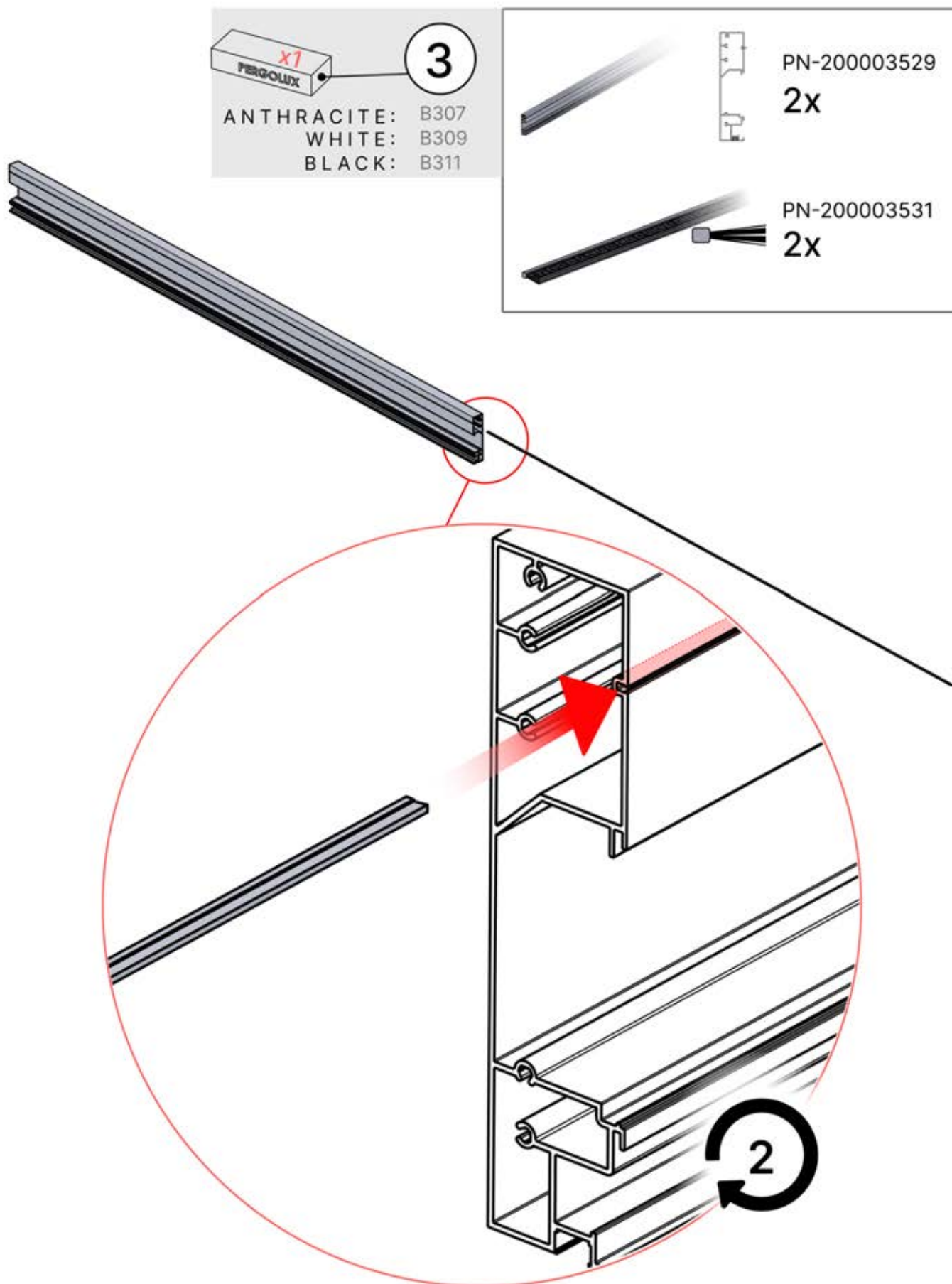
INFORMATION



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



INFORMATION



01

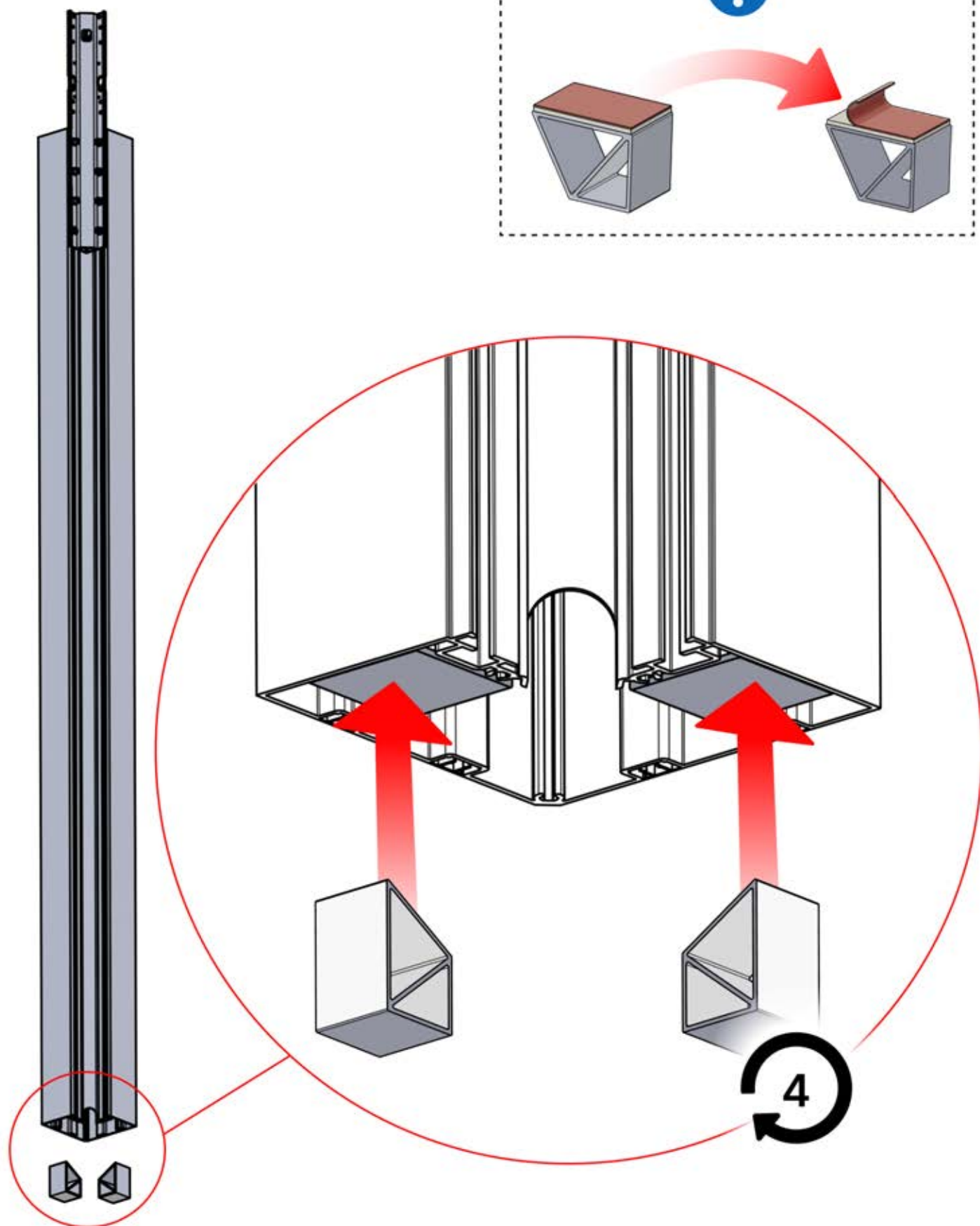
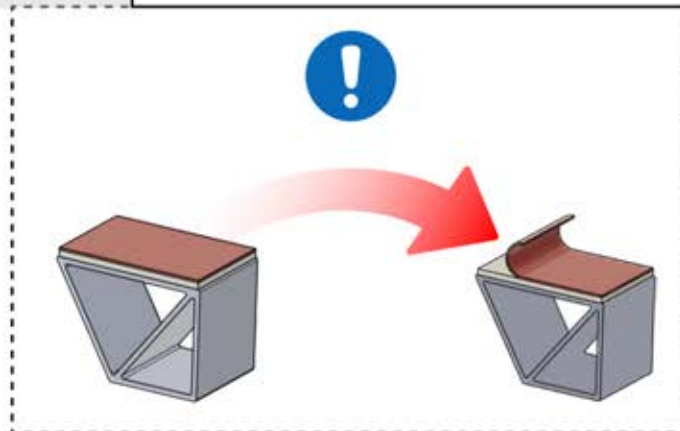


2

ANTHRACITE: B283
WHITE: B287
BLACK: B291



PN-200002286
8x



02



1

ANTHRACITE: C126
WHITE: C127
BLACK: C128



2

ANTHRACITE: B283
WHITE: B287
BLACK: B291



PN-200002467

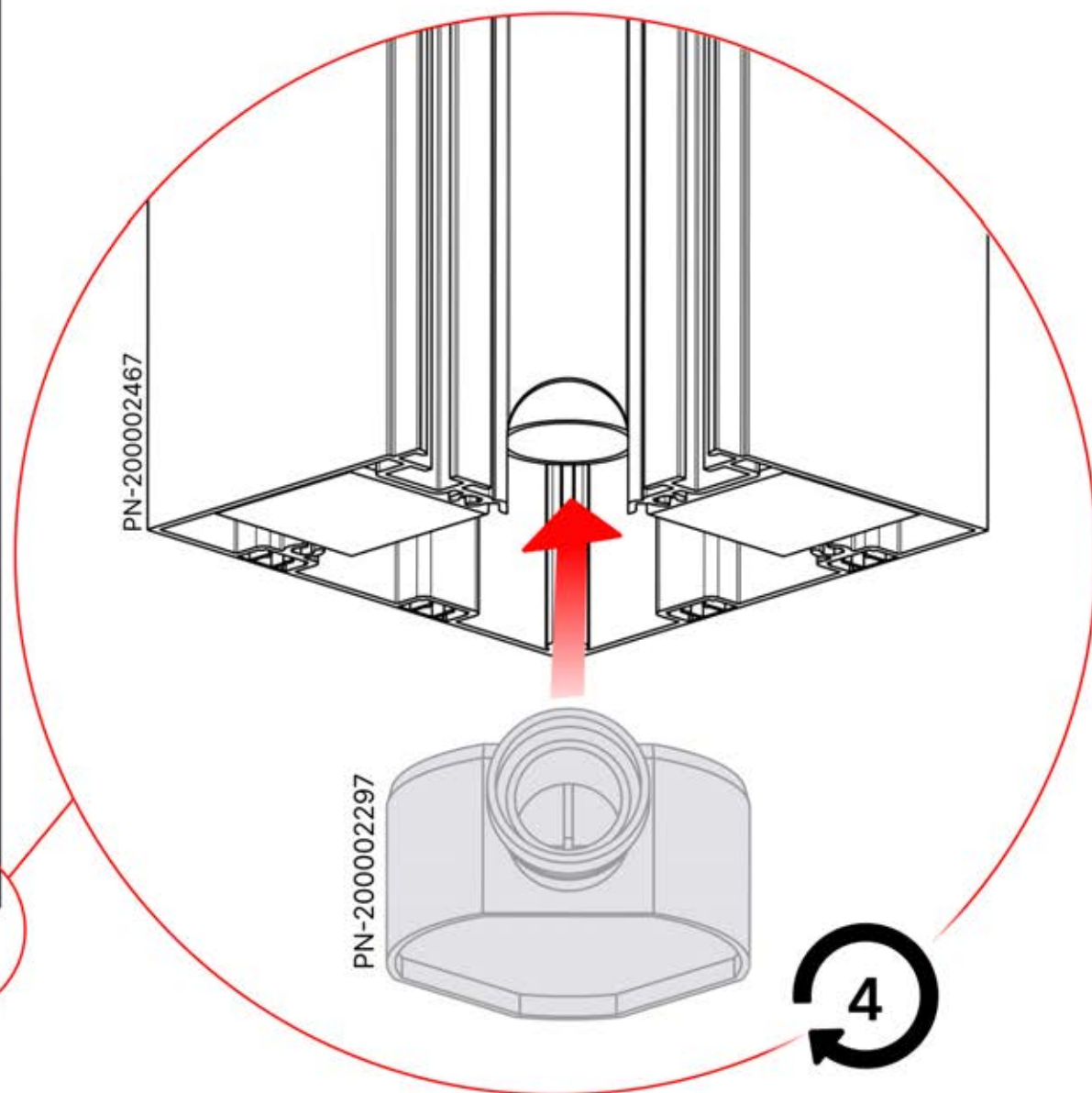
4x



PN-200002297

4x

PN-20000
3768



03



x2
PERGOLUX
PERGOLUX

1

ANTHRACITE: C126
WHITE: C127
BLACK: C128



PERGOLUX

10

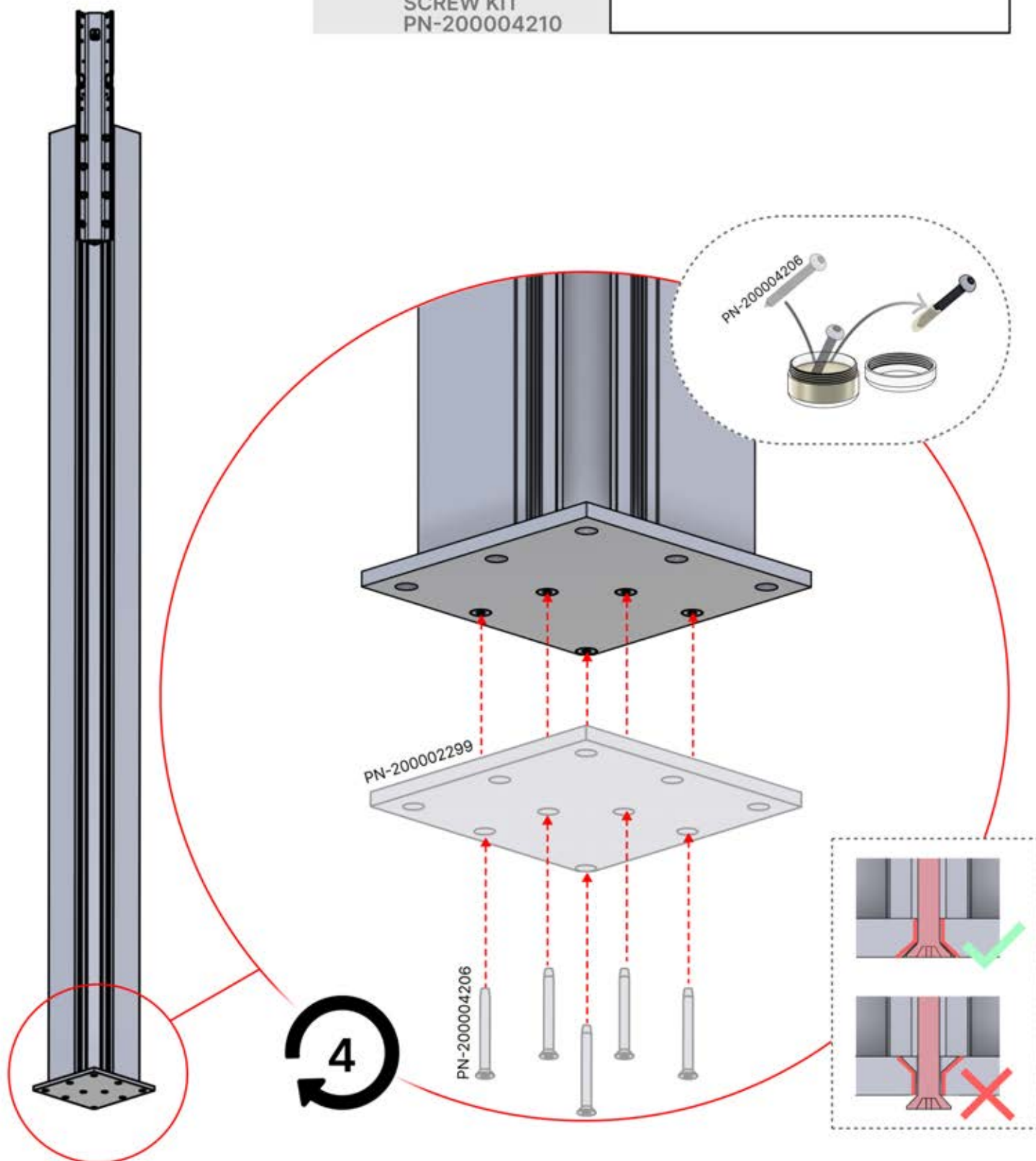
SCREW KIT
PN-200004210



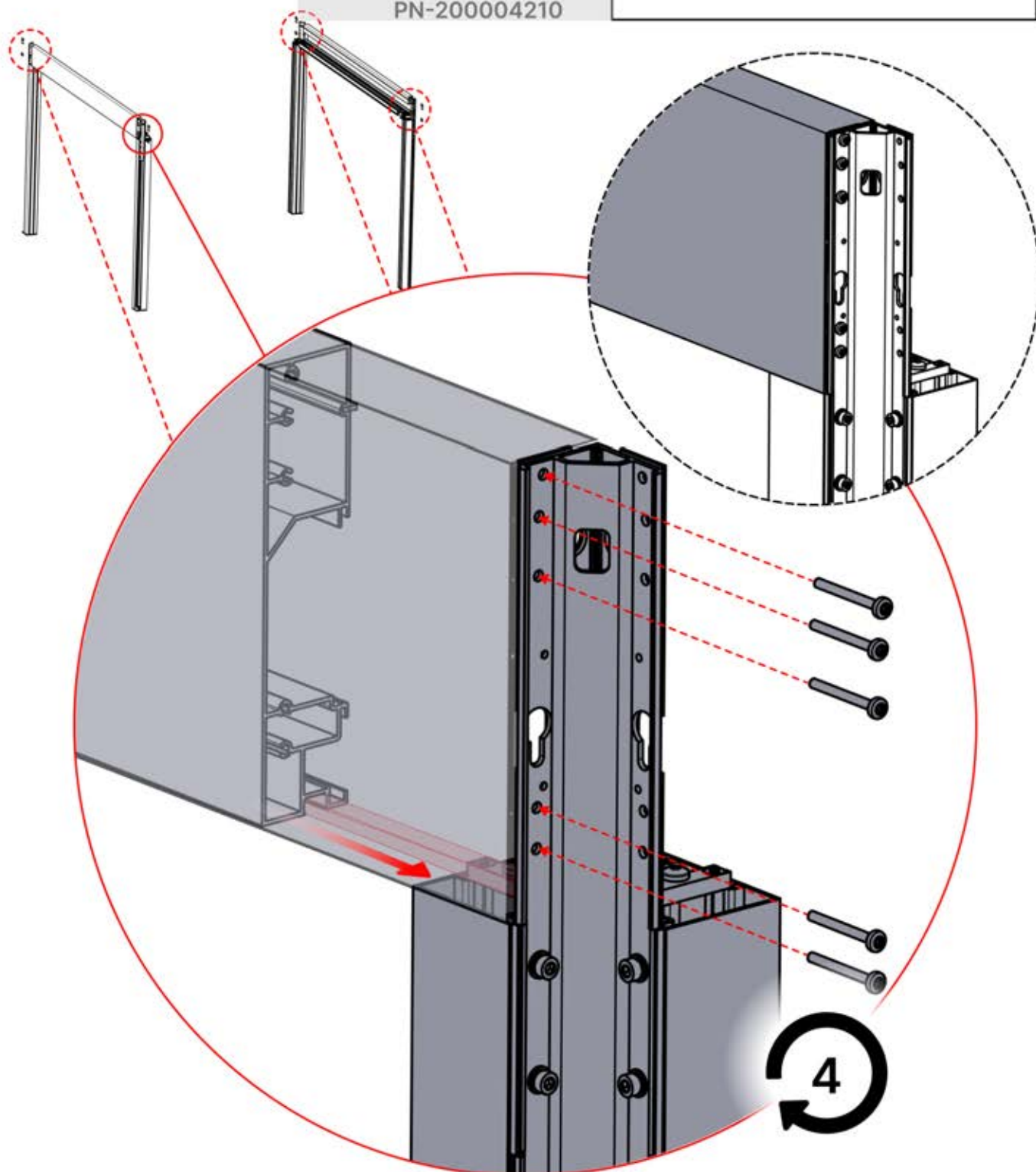
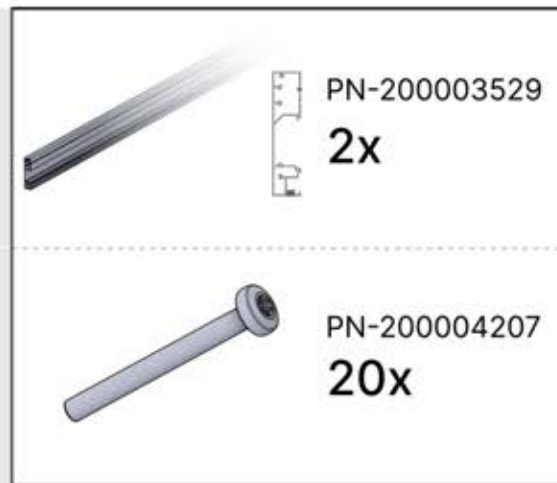
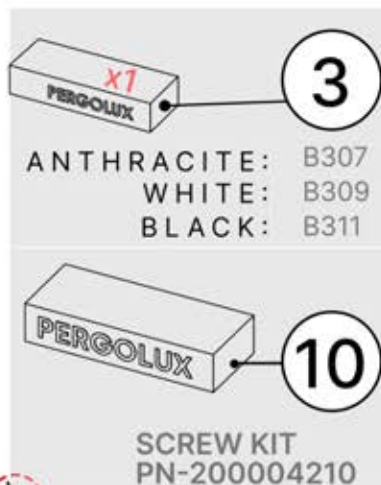
PN-200002299
4x



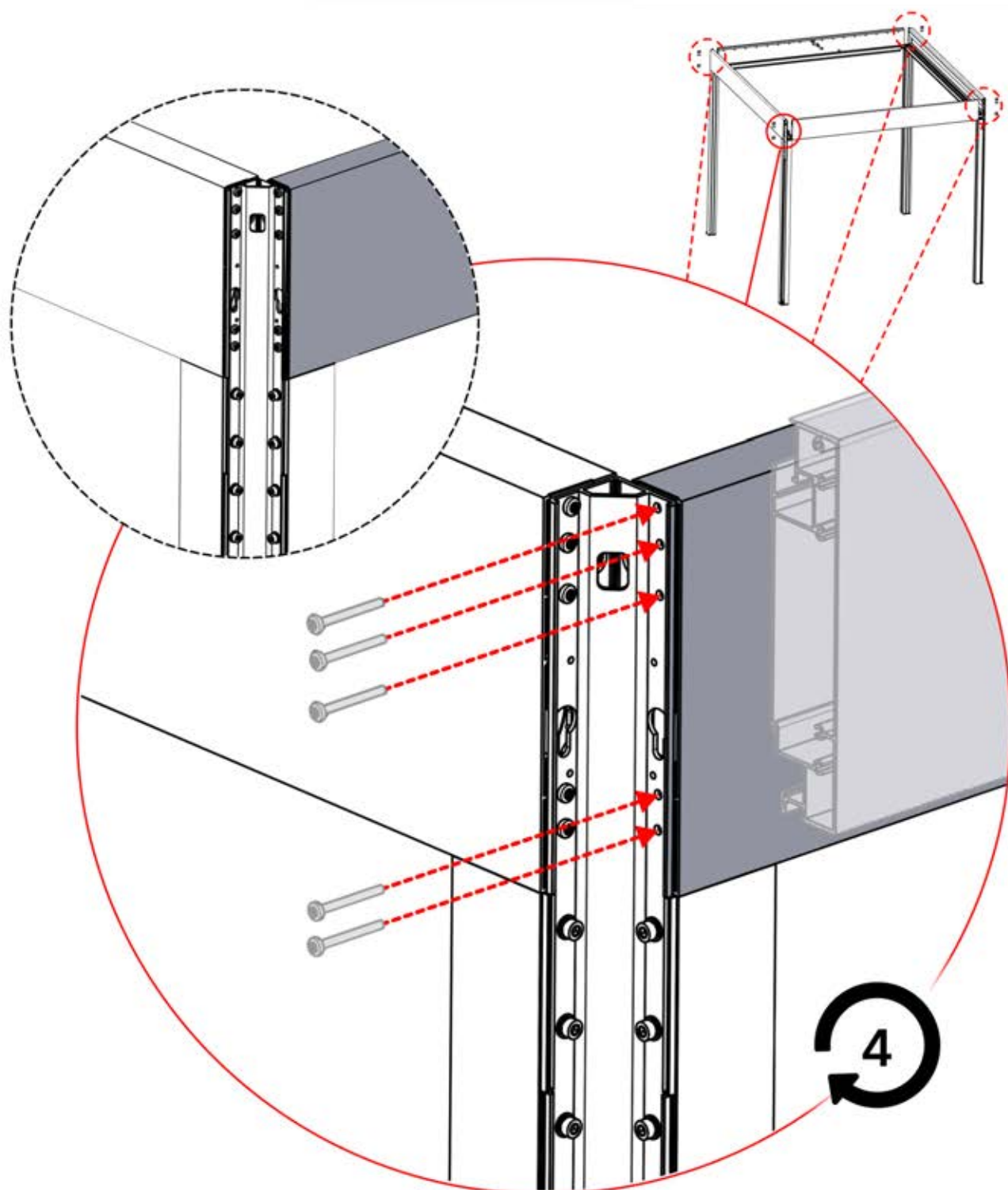
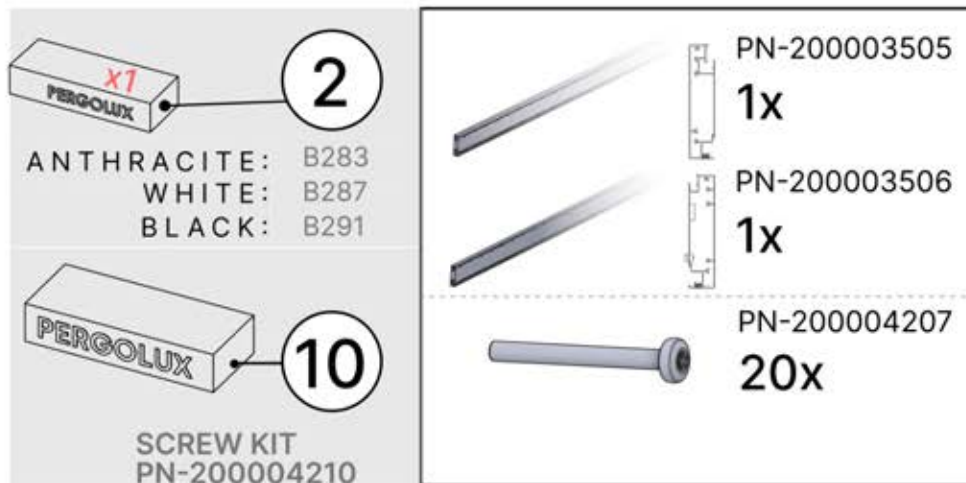
PN-200004206
20x



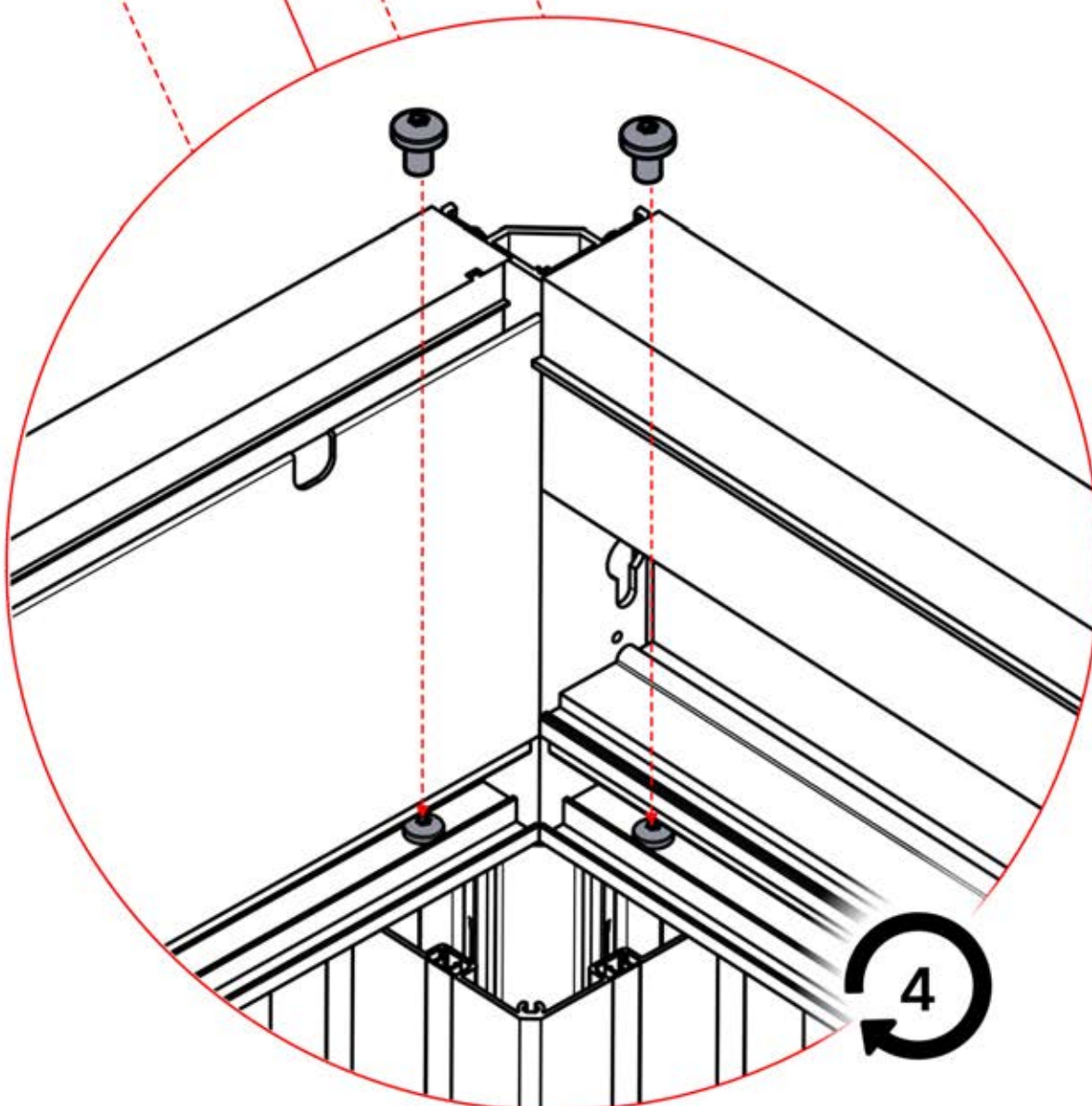
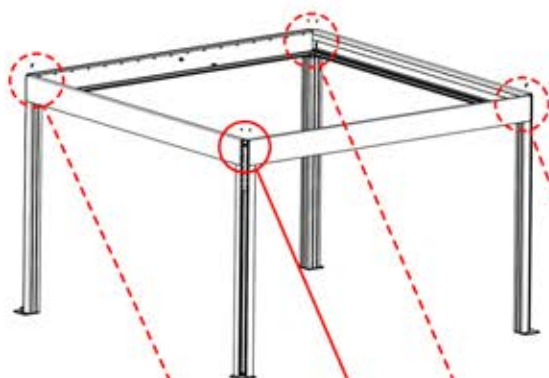
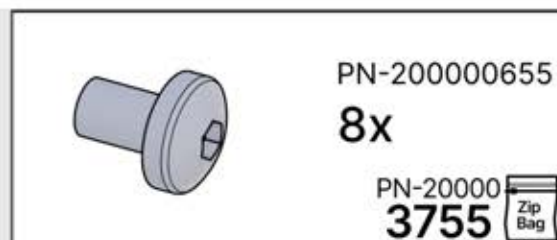
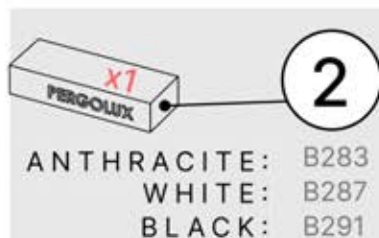
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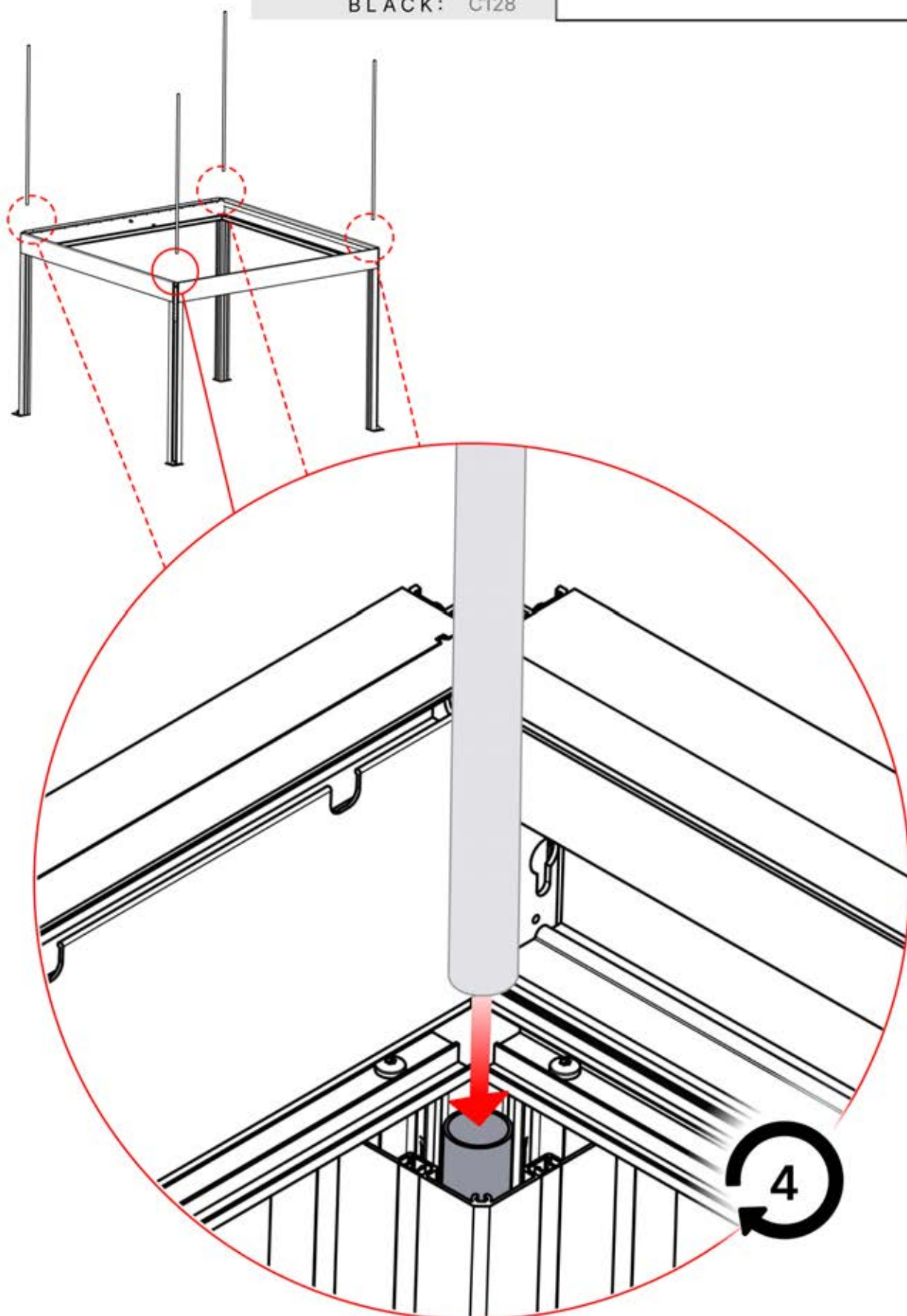
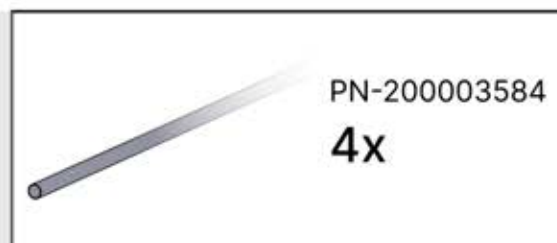
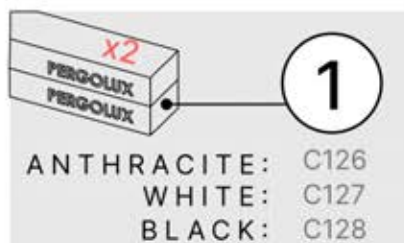
05



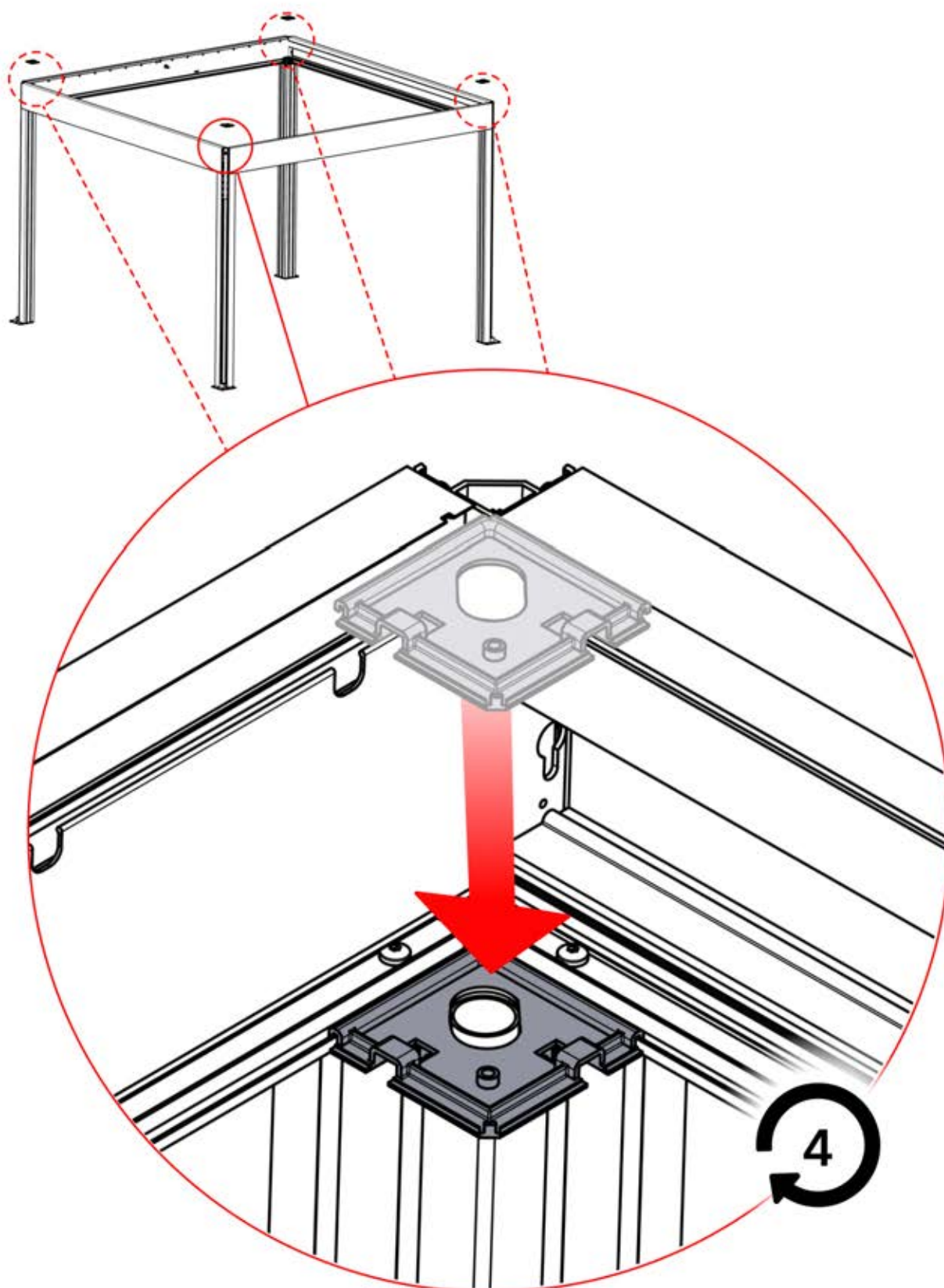
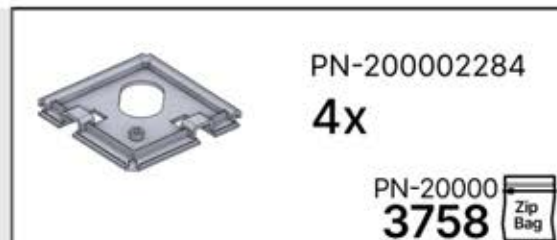
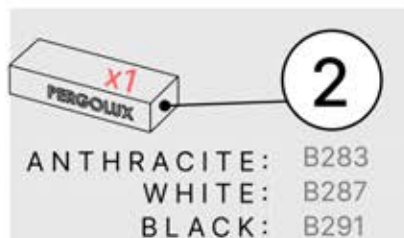
06



07



08



09



2

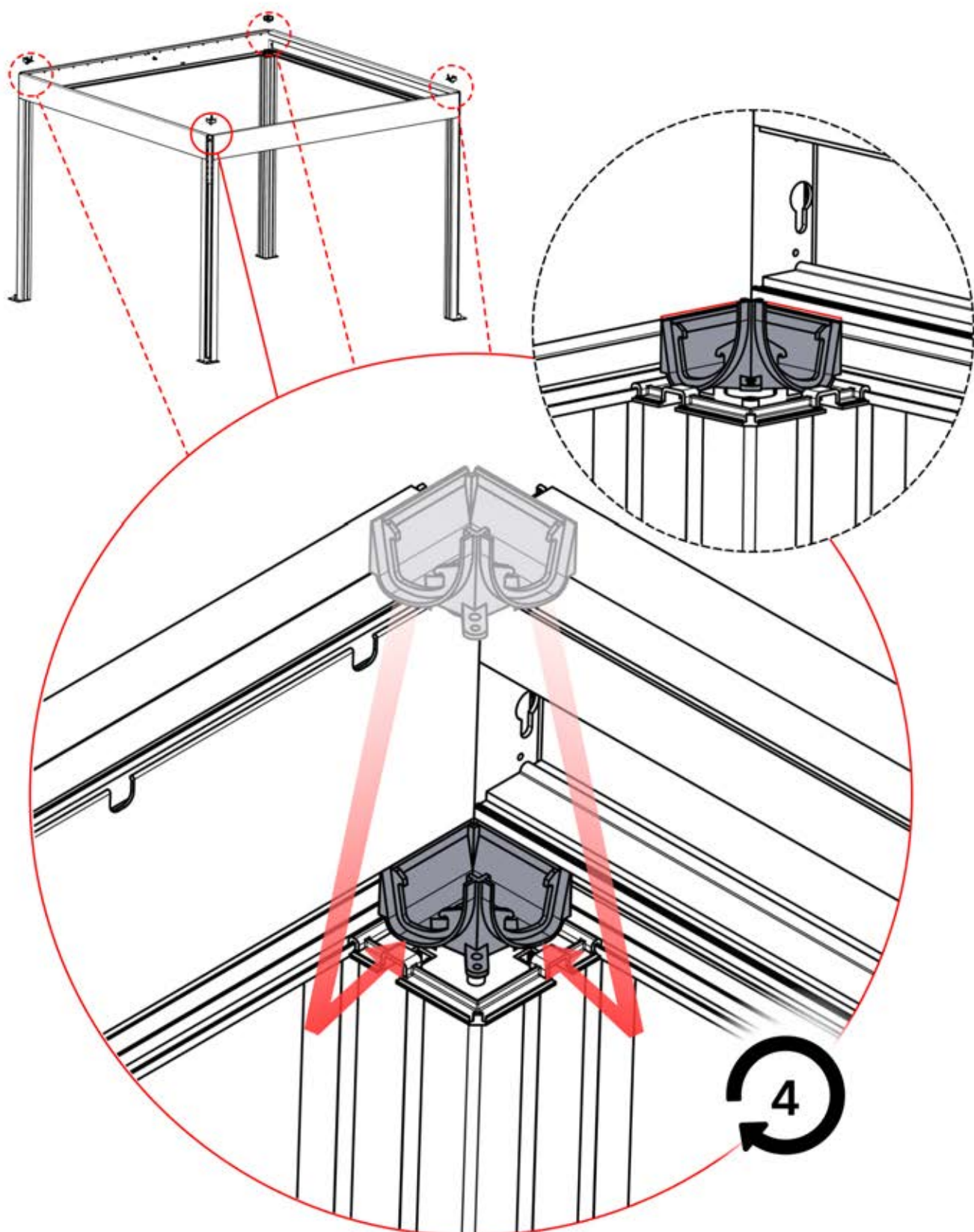
ANTHRACITE: B283
WHITE: B287
BLACK: B291



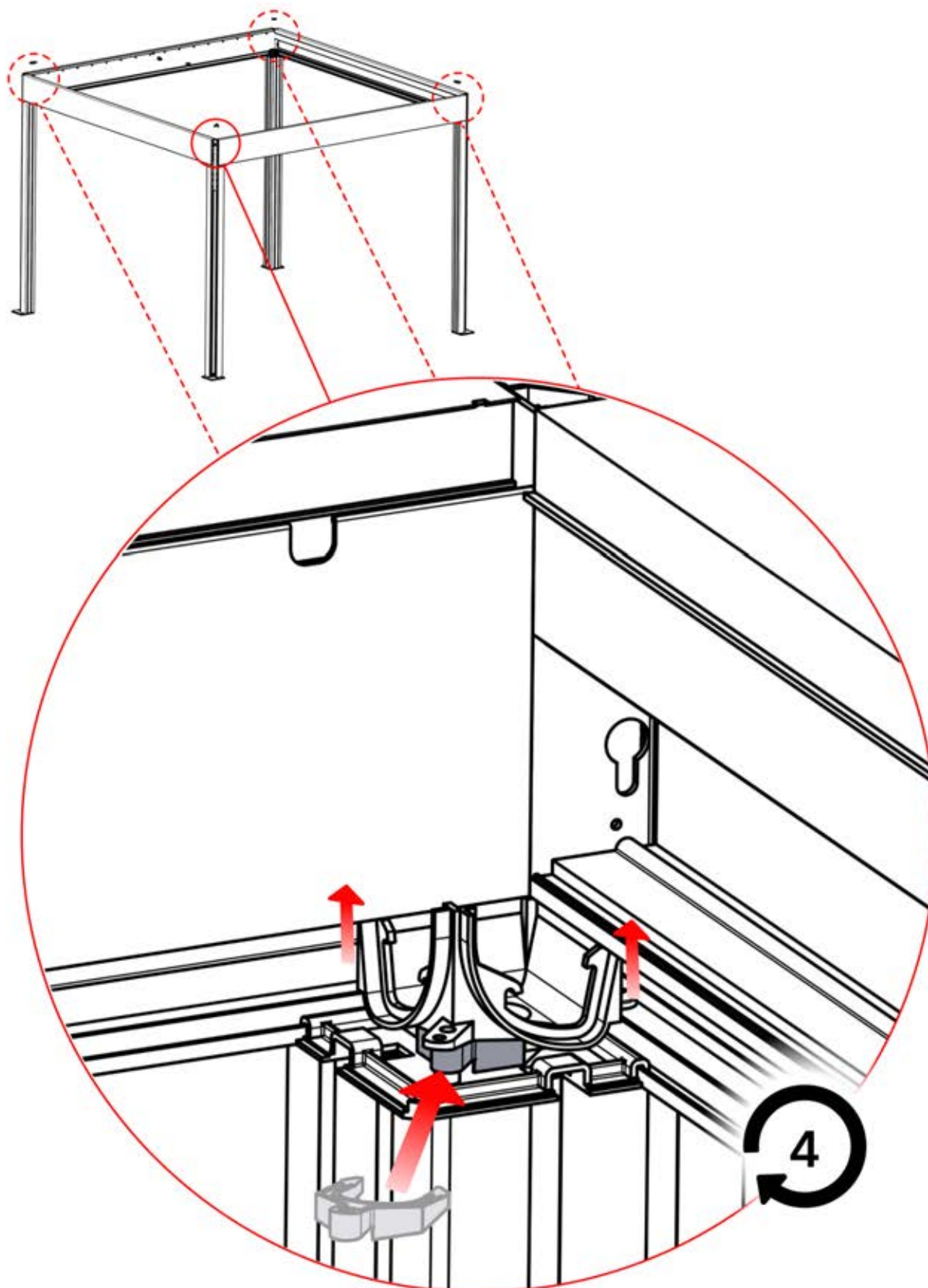
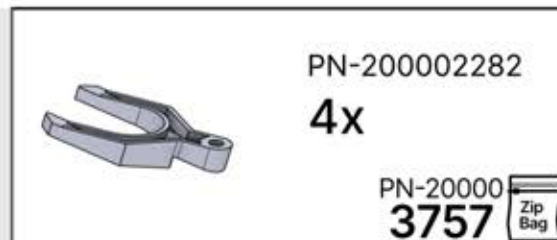
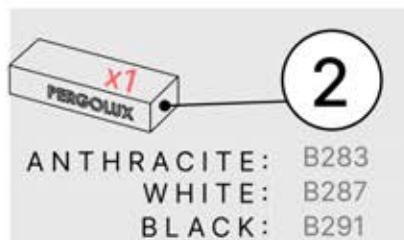
PN-200002298

4x

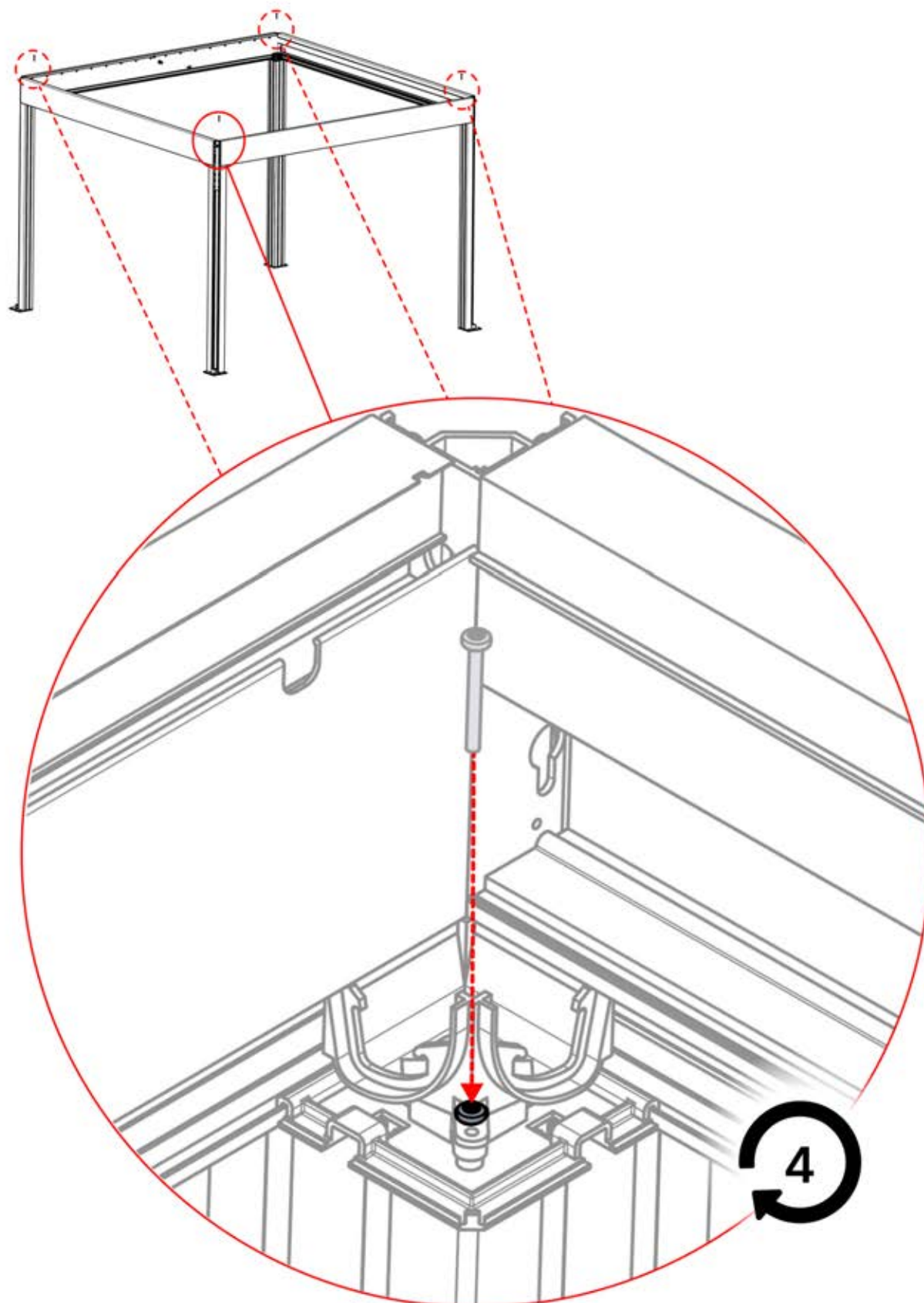
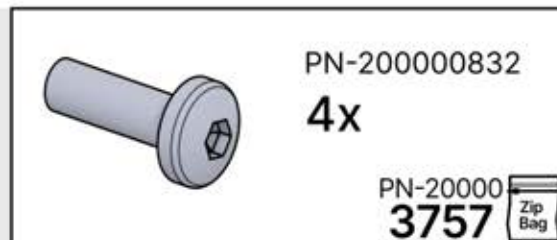
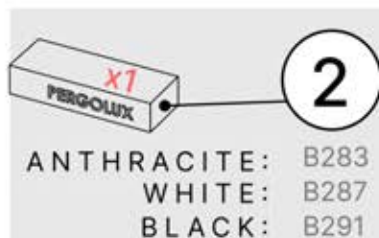
PN-20000
3757



10



11



12



2

ANTHRACITE: B283
 WHITE: B287
 BLACK: B291



3

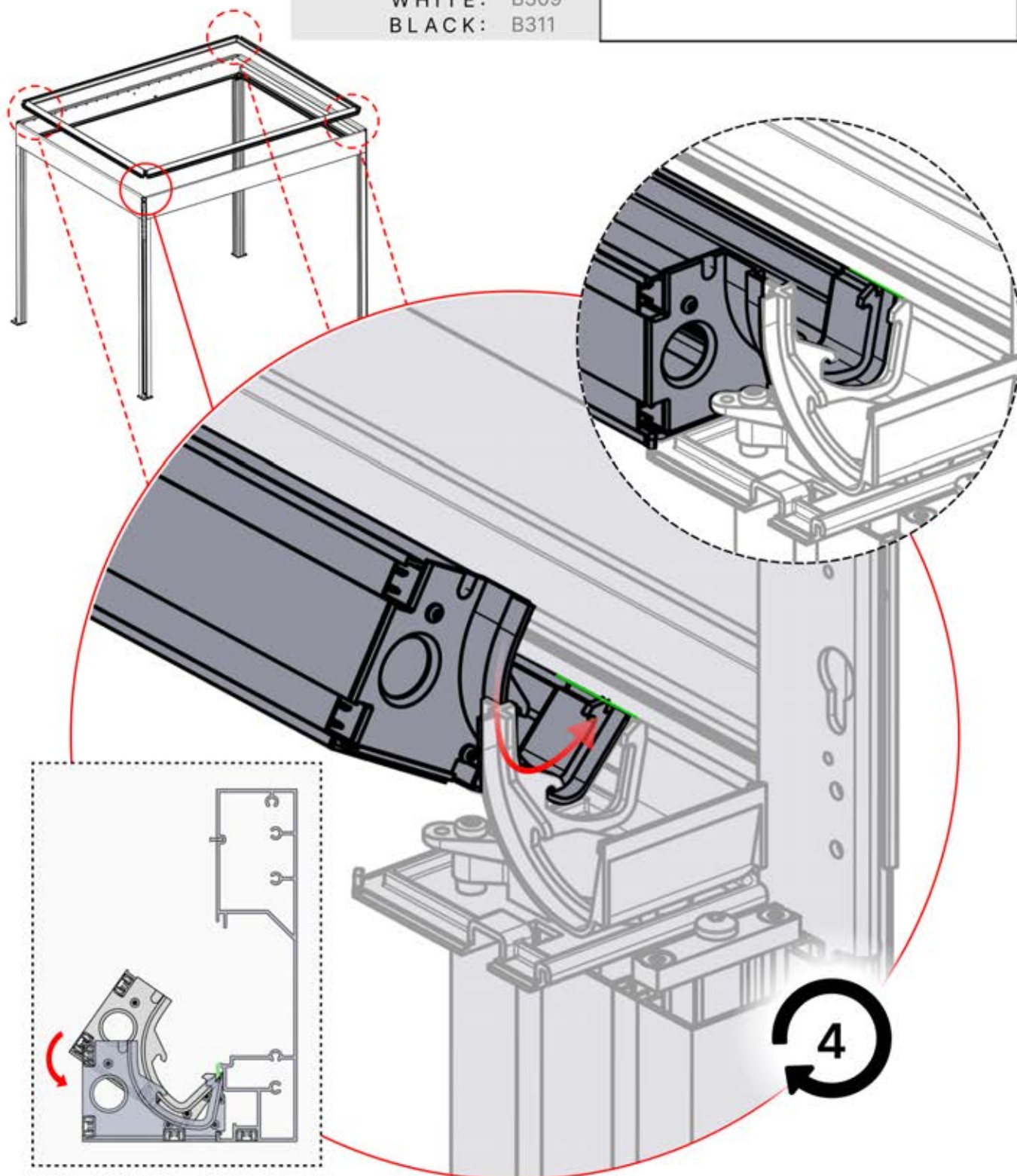
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 WHITE: B309
 BLACK: B311



PN-200002932
 2x



PN-200002932
 2x



13



3

ANTHRACITE: B307
 WHITE: B309
 BLACK: B311



2

ANTHRACITE: B283
 WHITE: B287
 BLACK: B291



PN-200002933



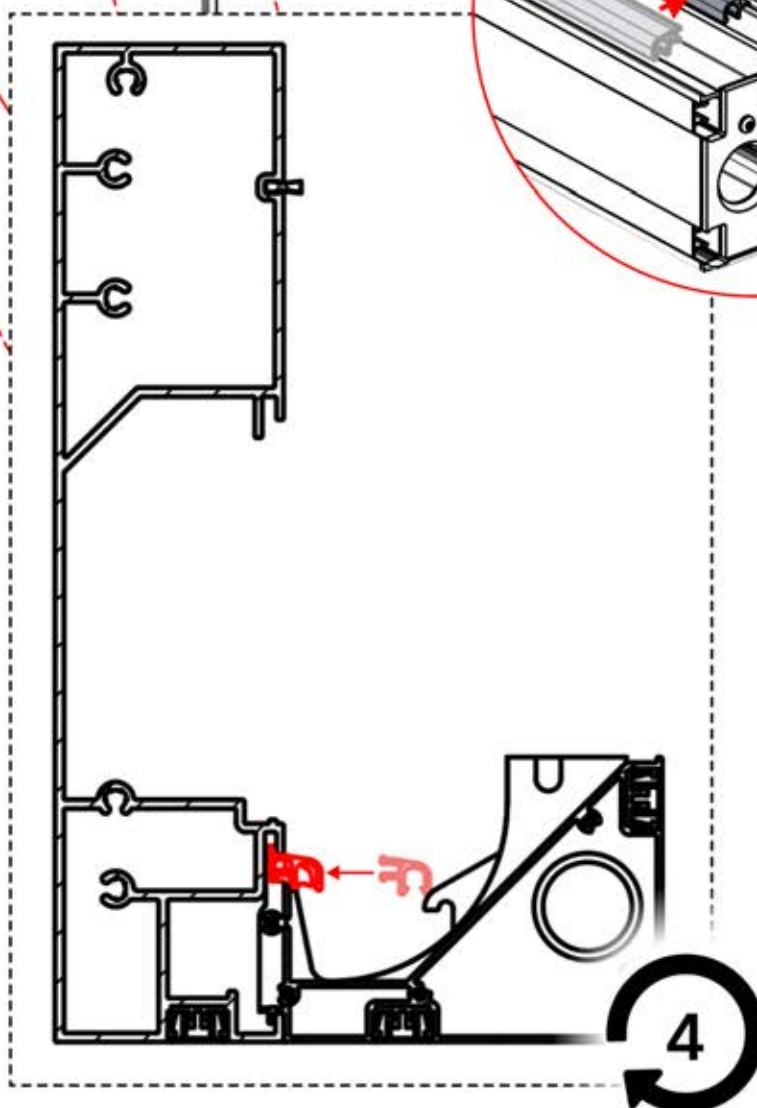
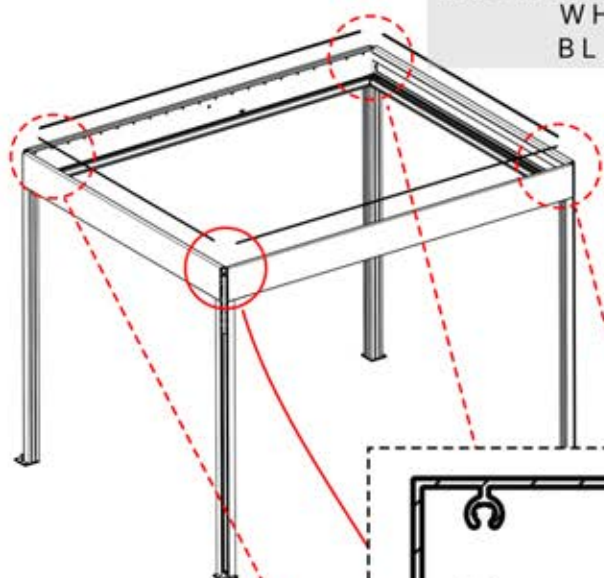
2x



PN-200002933



2x



INFORMATION



Apply grease to
part



2

ANTHRACITE: B283
WHITE: B287
BLACK: B291



PN-200003051

8x

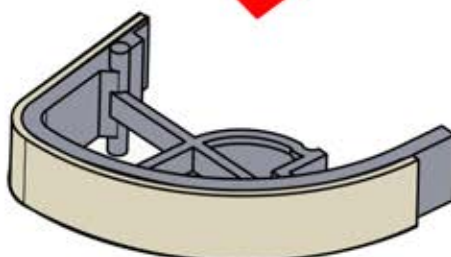
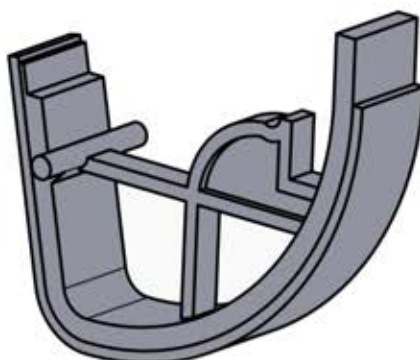
PN-200003049

8x

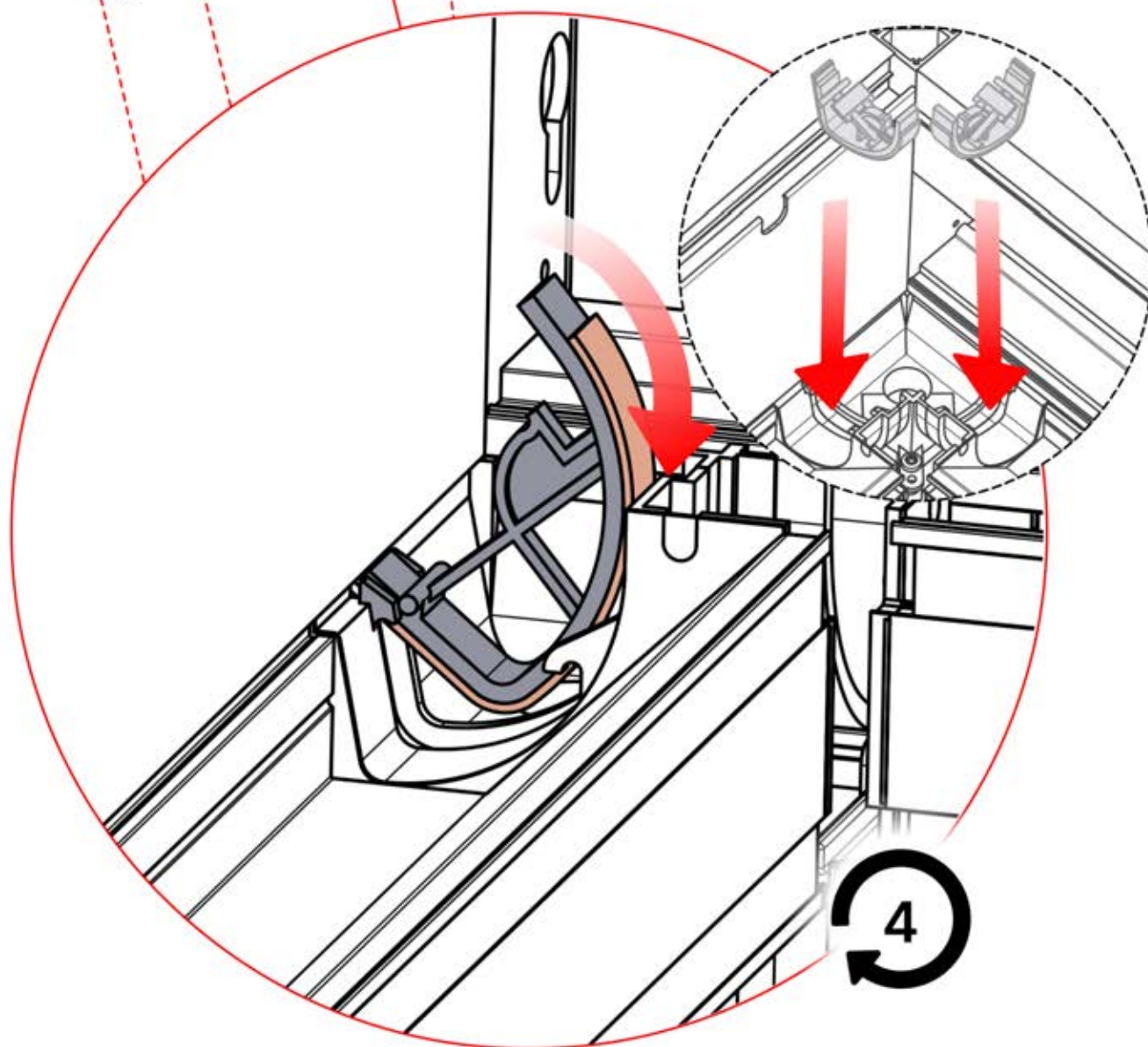
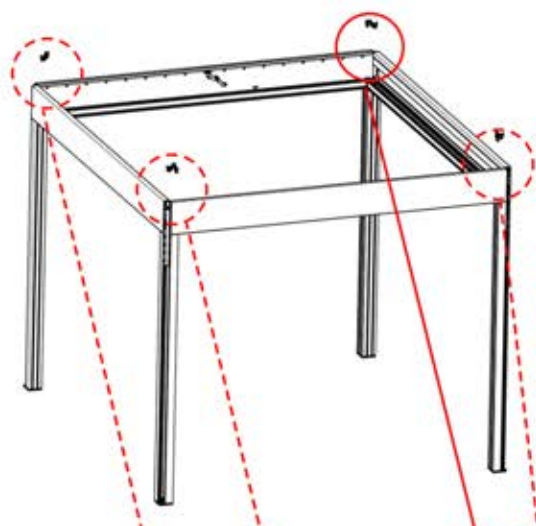
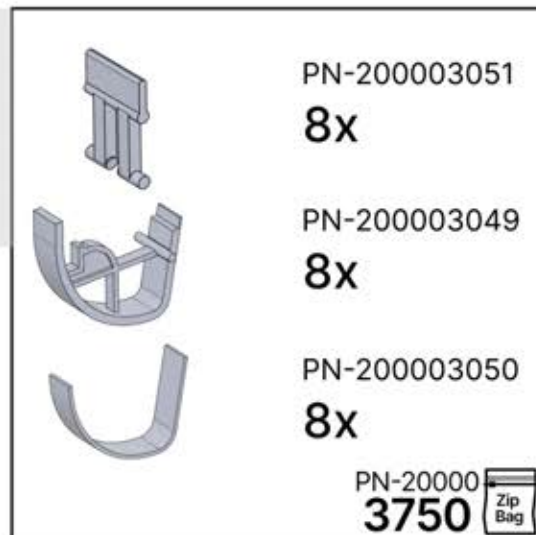
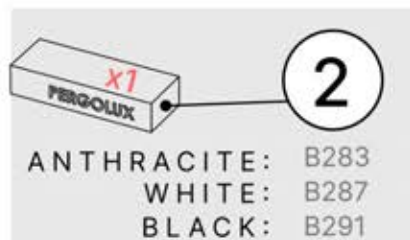
PN-200003050

8x

PN-20000
3750



14



15



2

ANTHRACITE: B283
WHITE: B287
BLACK: B291



PN-200003051
8x

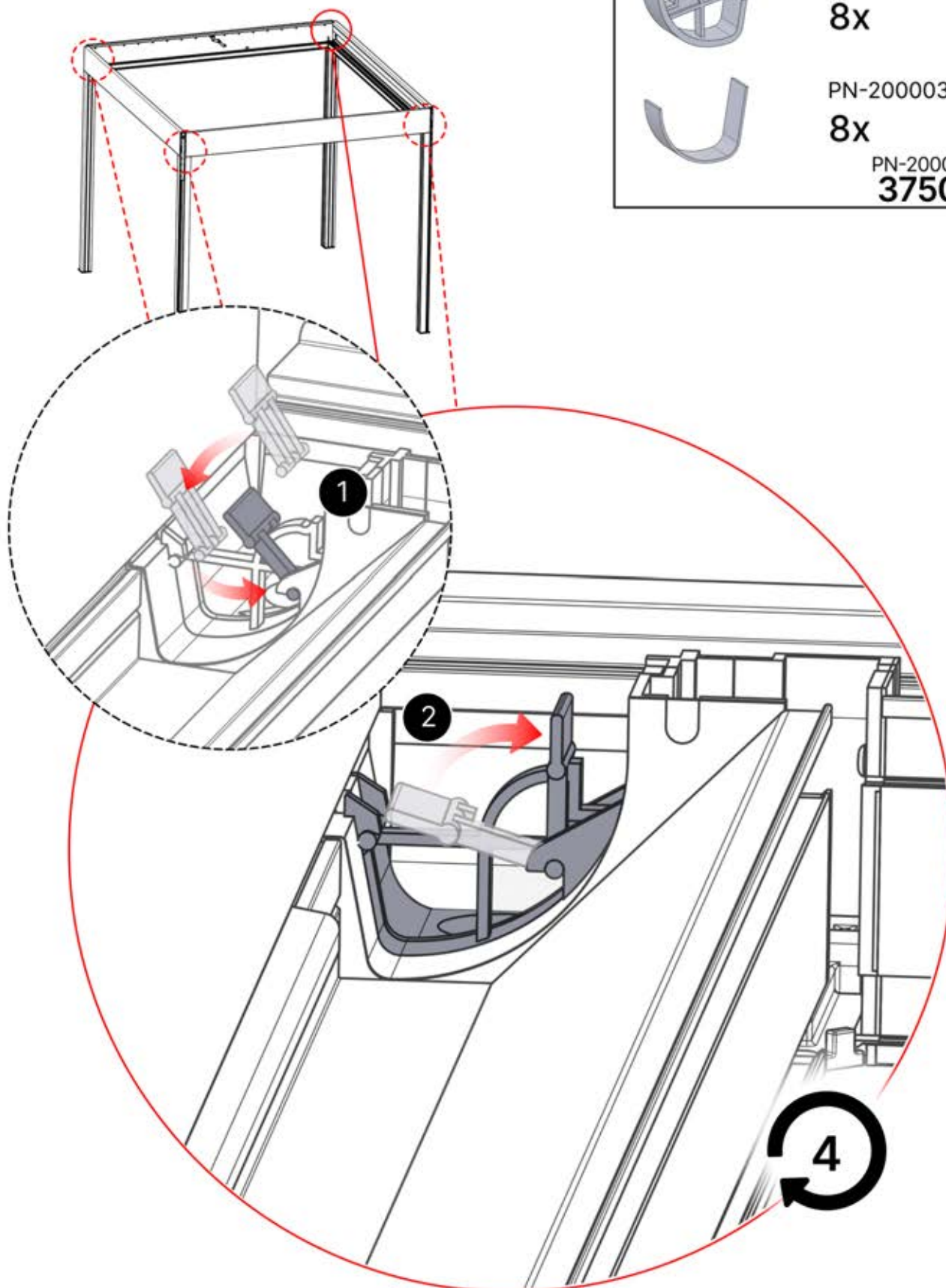


PN-200003049
8x



PN-200003050
8x

PN-20000
3750 



16


x7

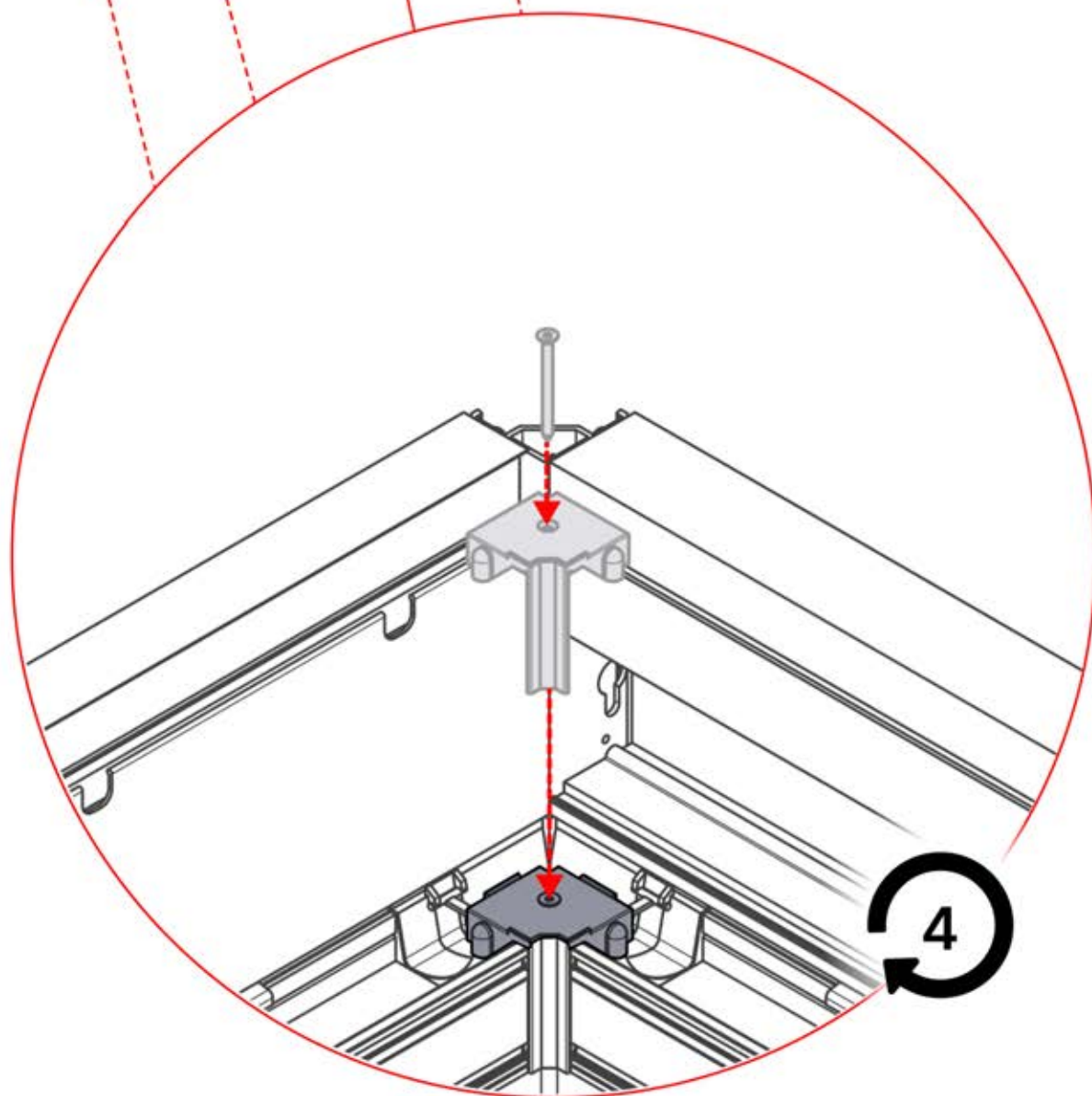
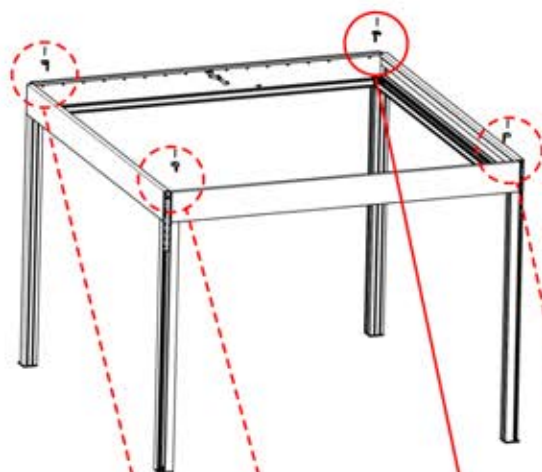
2

ANTHRACITE: B283
 WHITE: B287
 BLACK: B291


 PN-200002289
4x
 PN-20000
3496



 5.5 x 70
 PN-200000958
4x
 PN-20000
3756

17



2

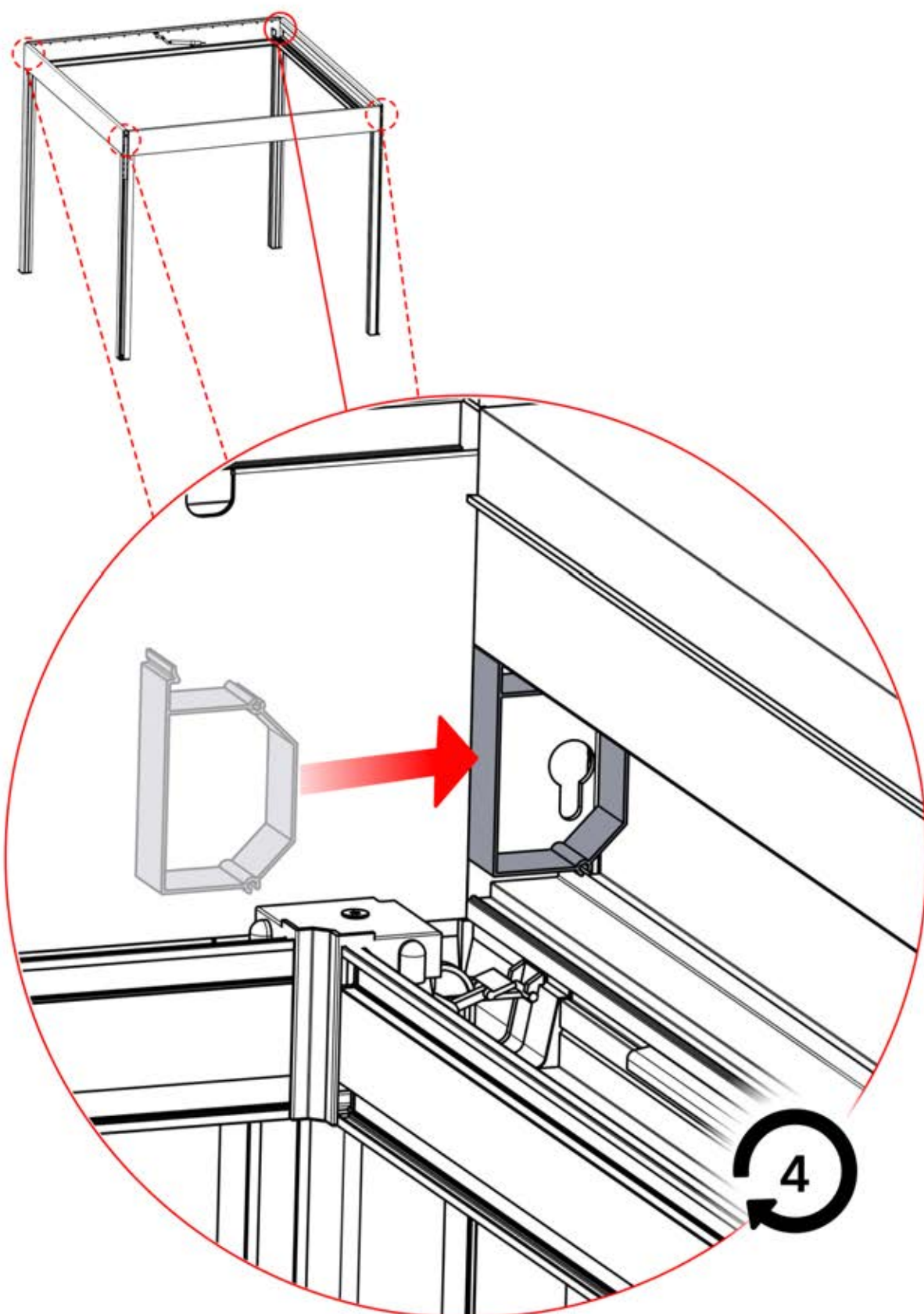
ANTHRACITE: B283
WHITE: B287
BLACK: B291



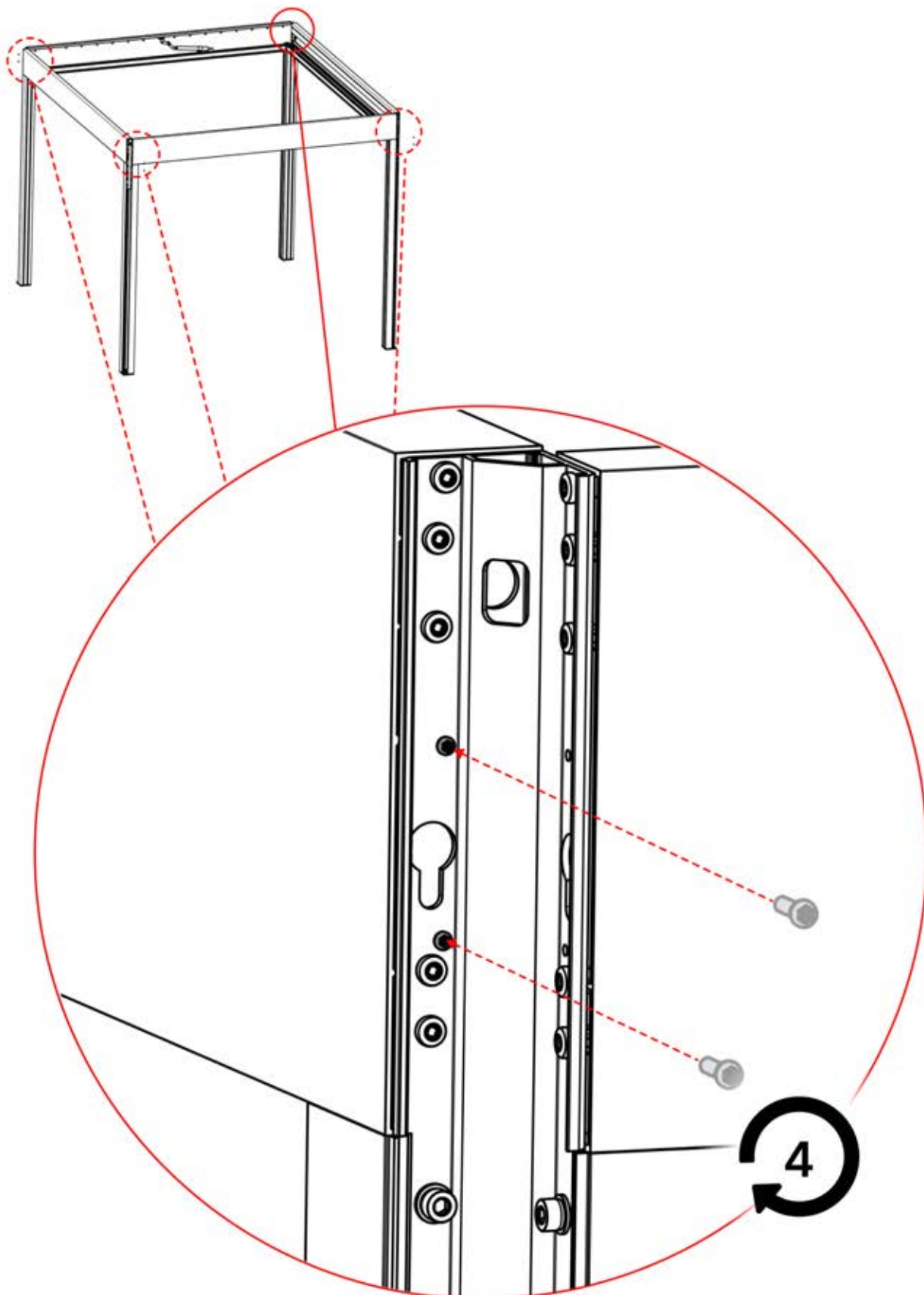
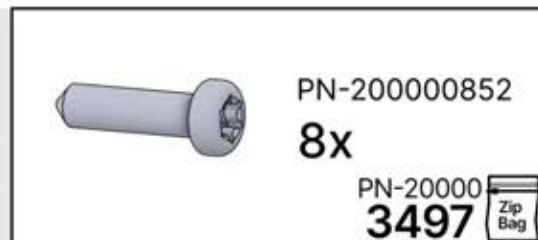
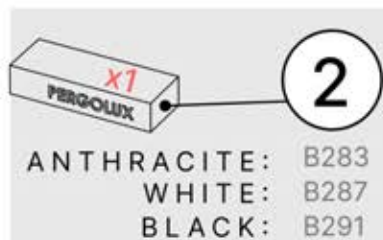
PN-200002329

4x

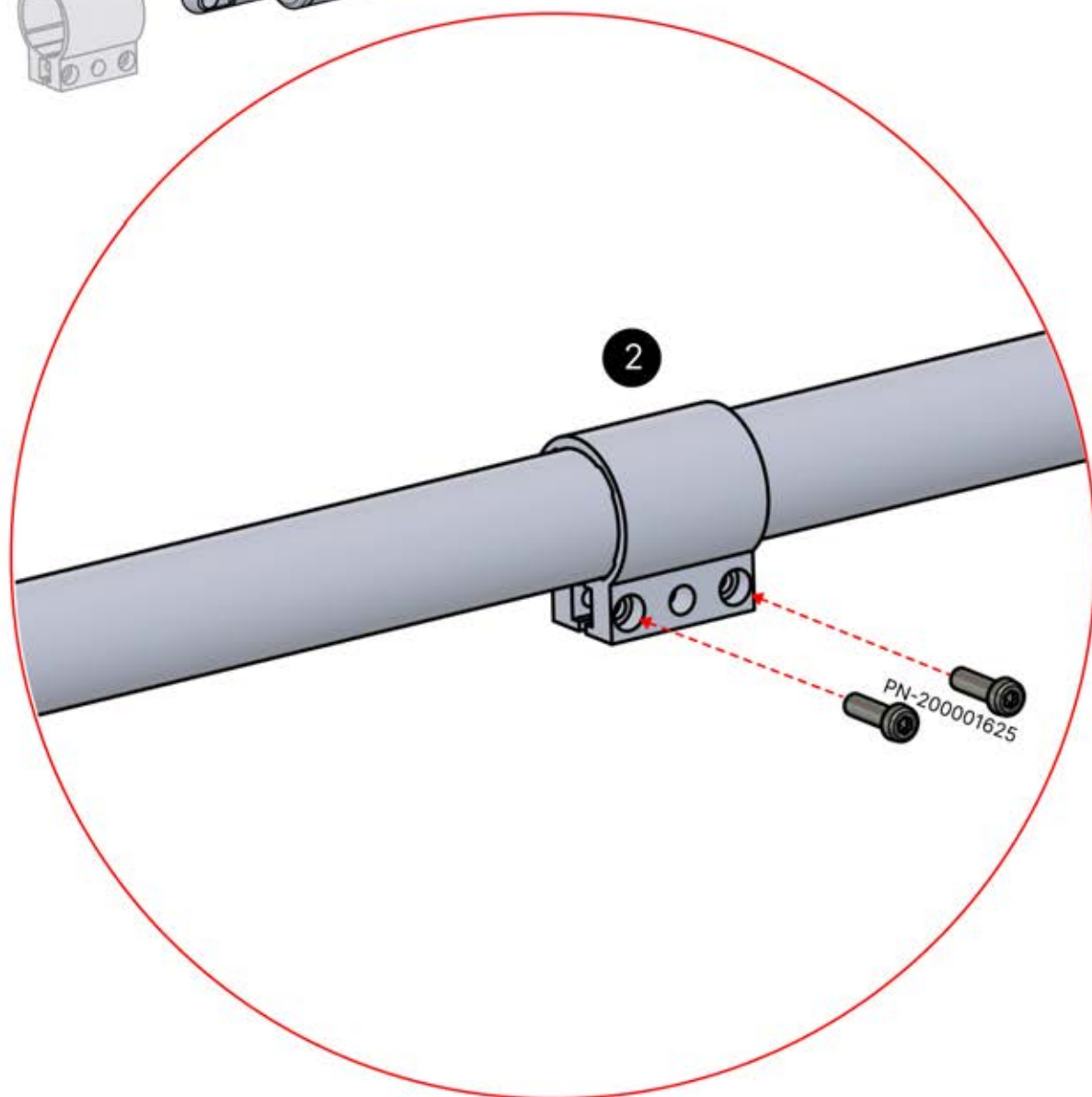
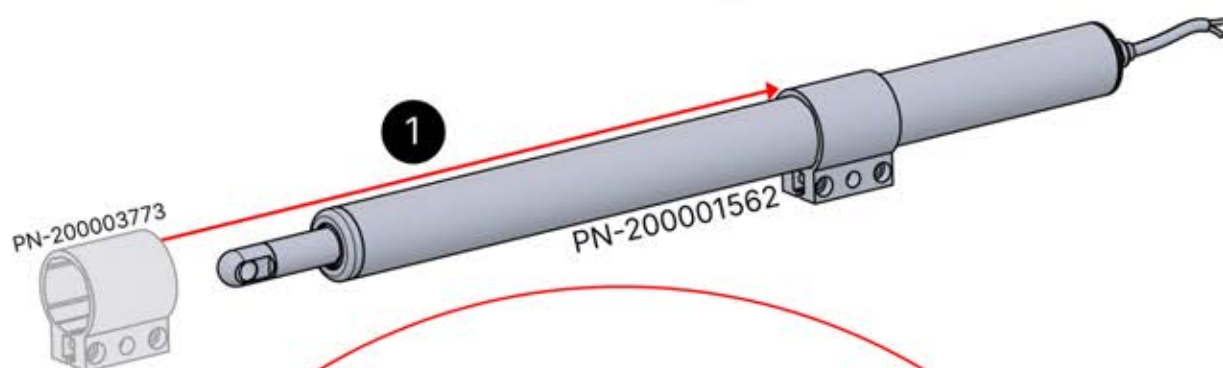
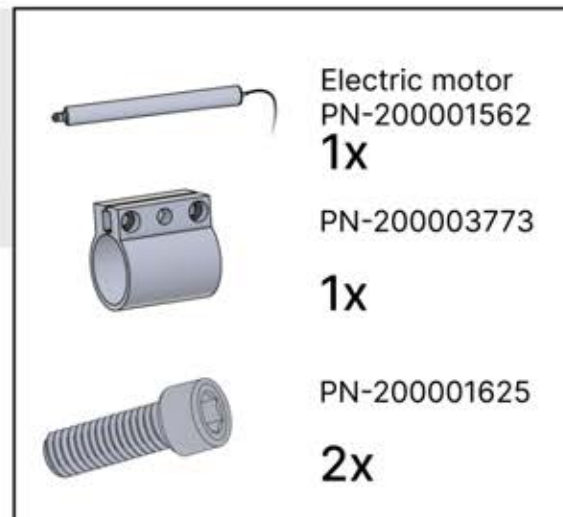
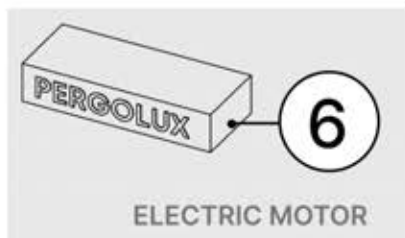
PN-20000
3497



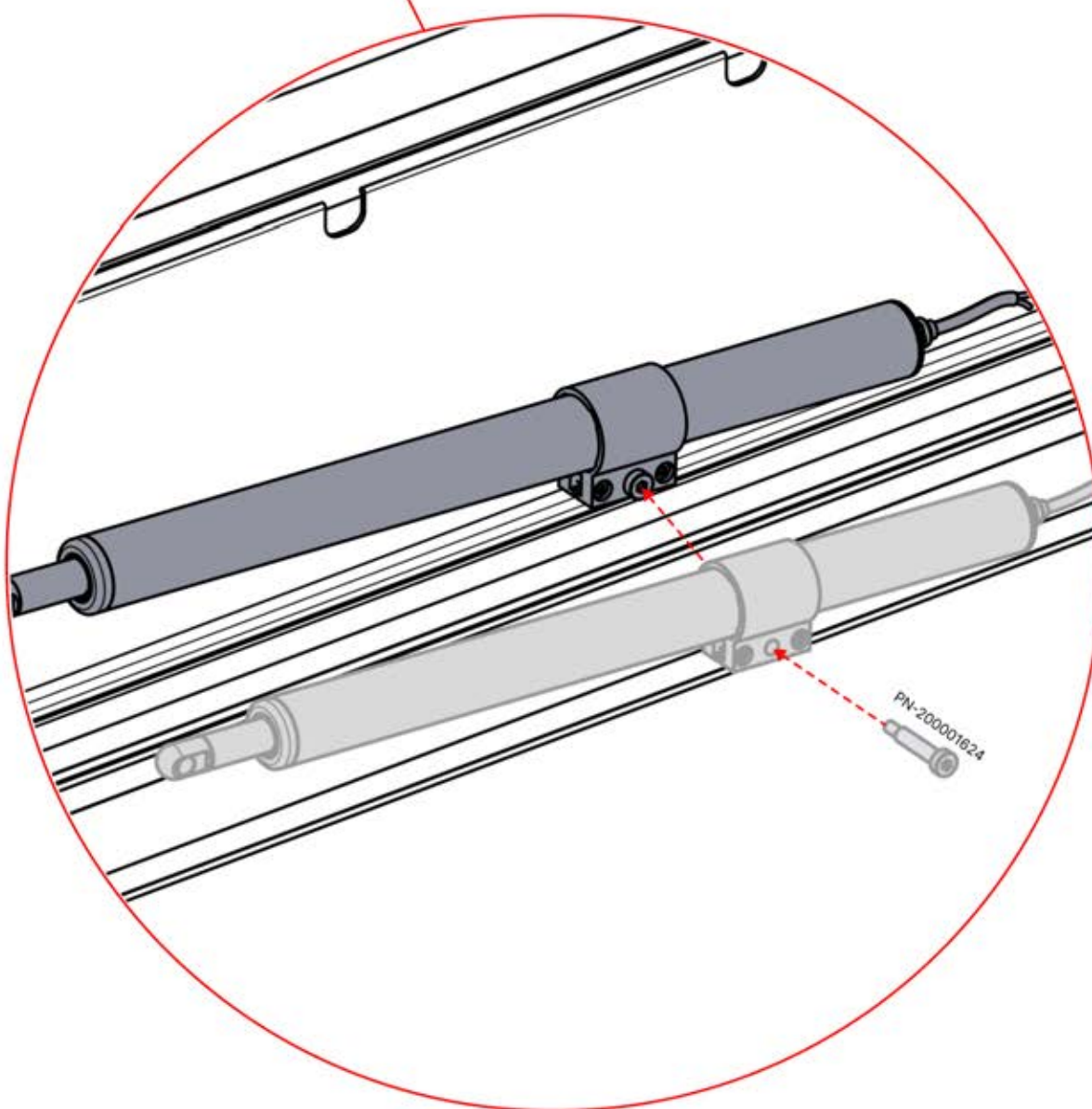
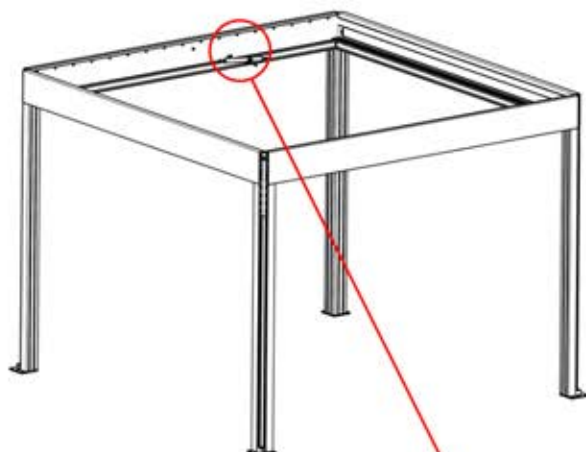
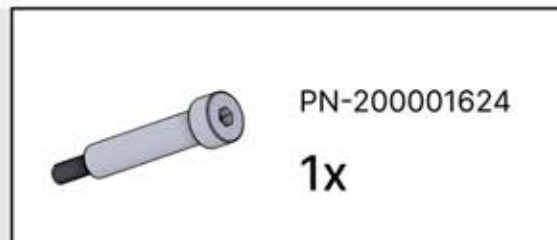
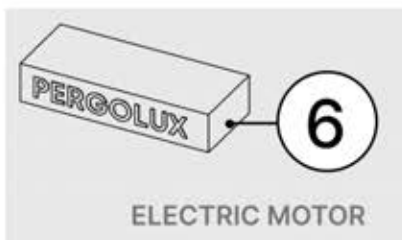
18



19



20



21

 2 ANTHRACITE: B283 WHITE: B287 BLACK: B291	 PN-200002326 1x  PN-200002328 2x  PN-200002327 1x  PN-200002333 1x  PN-200002355 1x PN-20000 3751 
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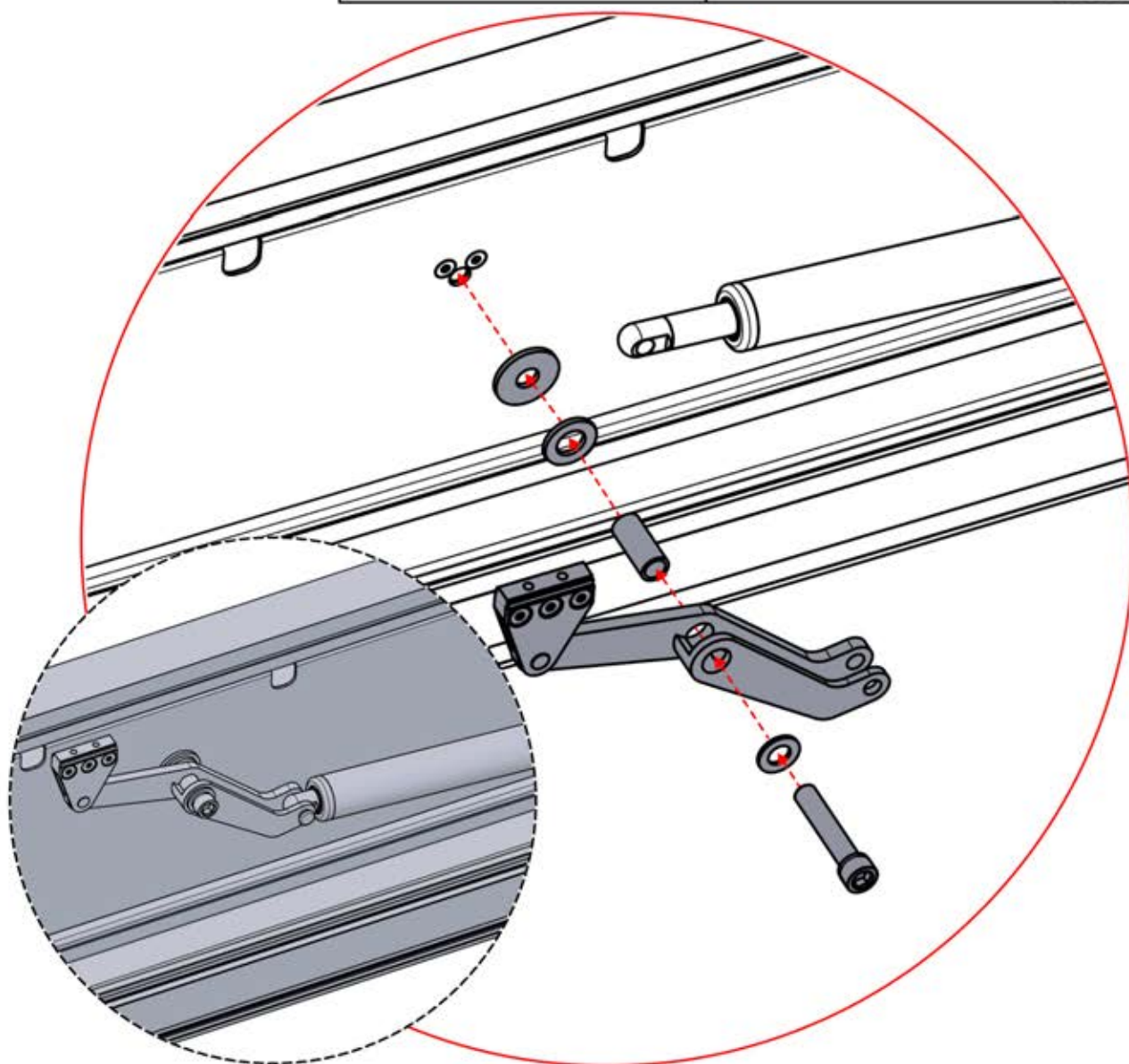
PN-200003500
1x



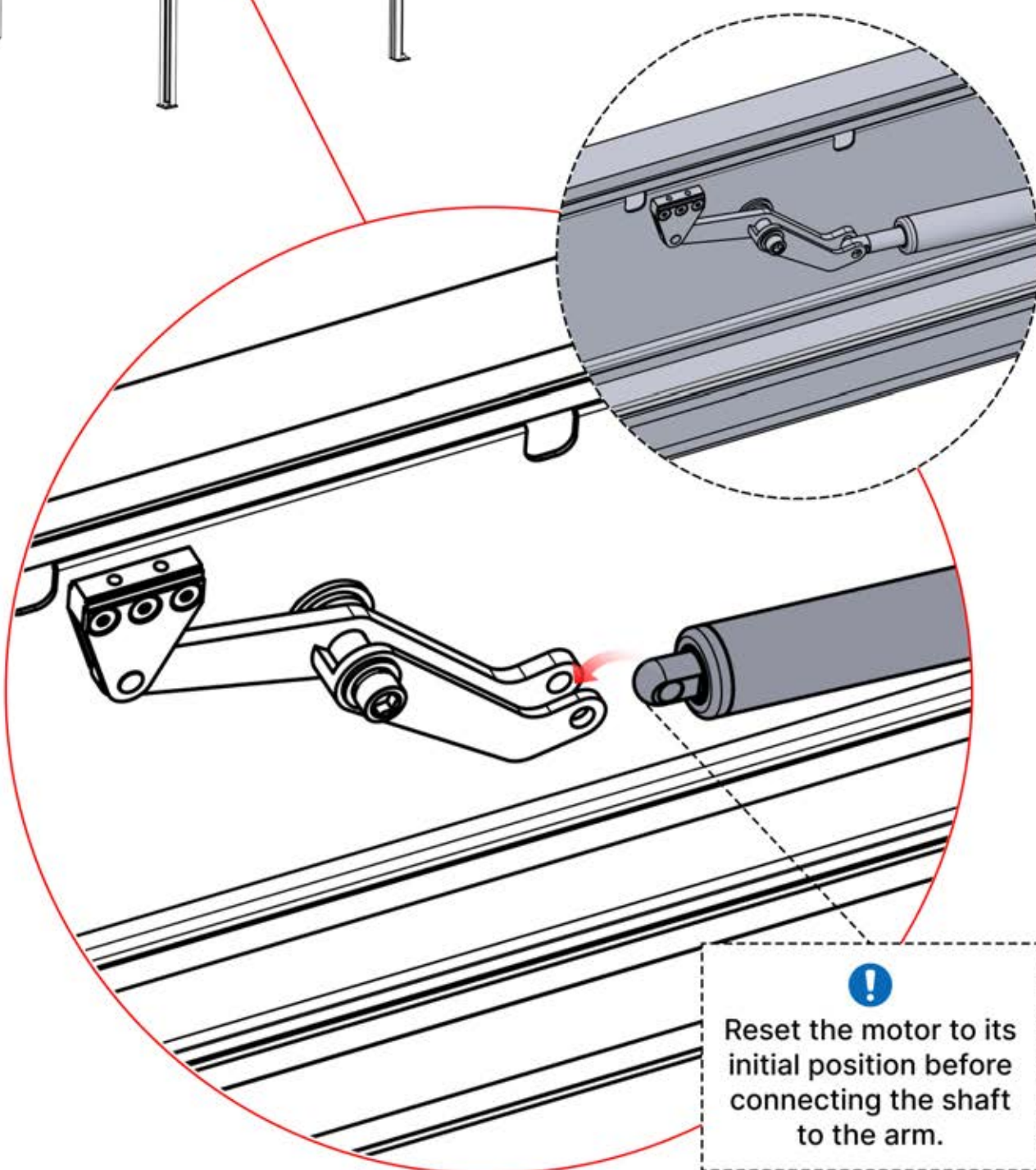
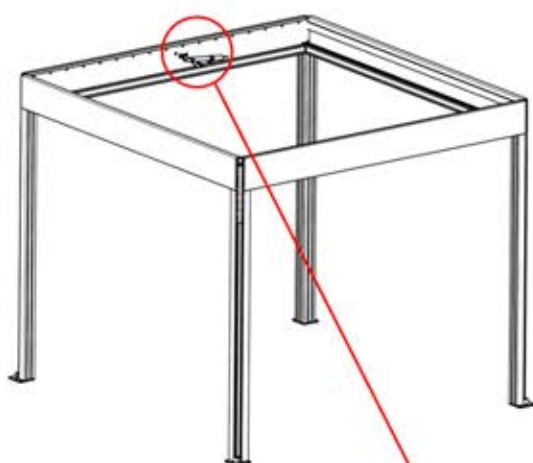
PN-200002330
1x



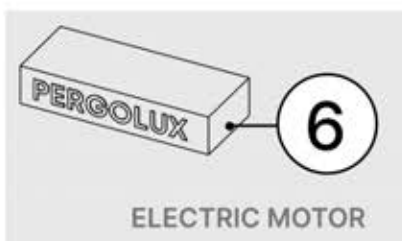
PN-200002324
1x



22



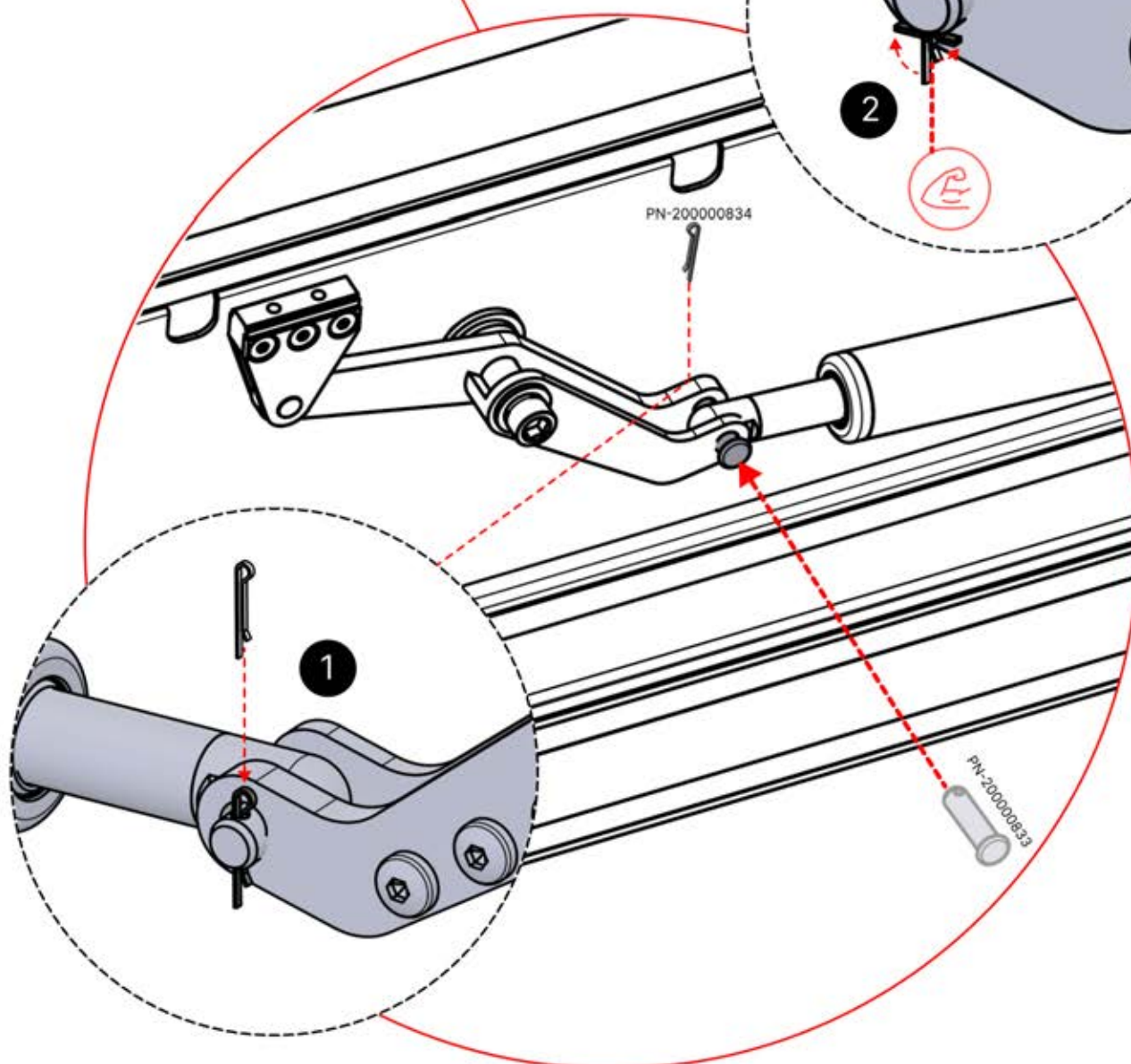
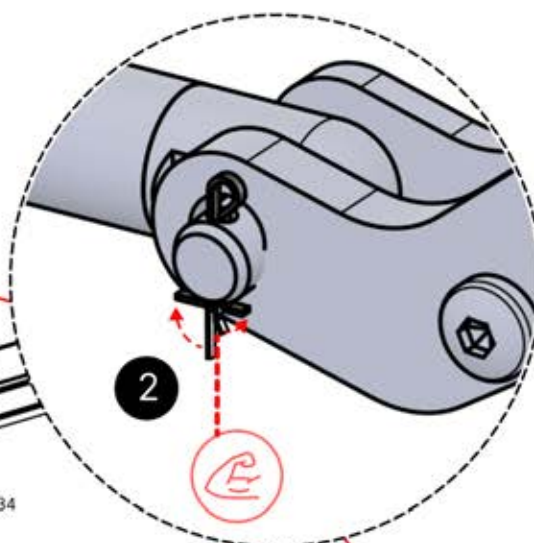
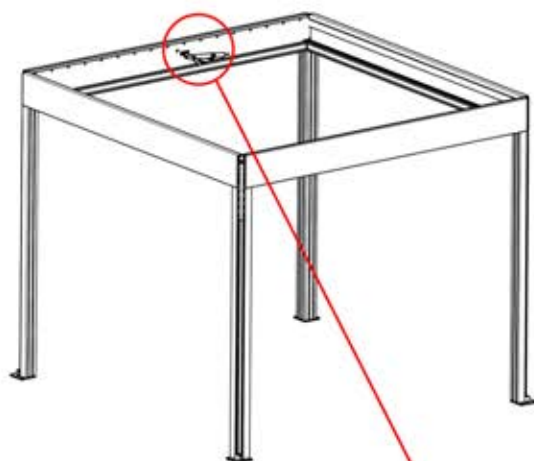
23



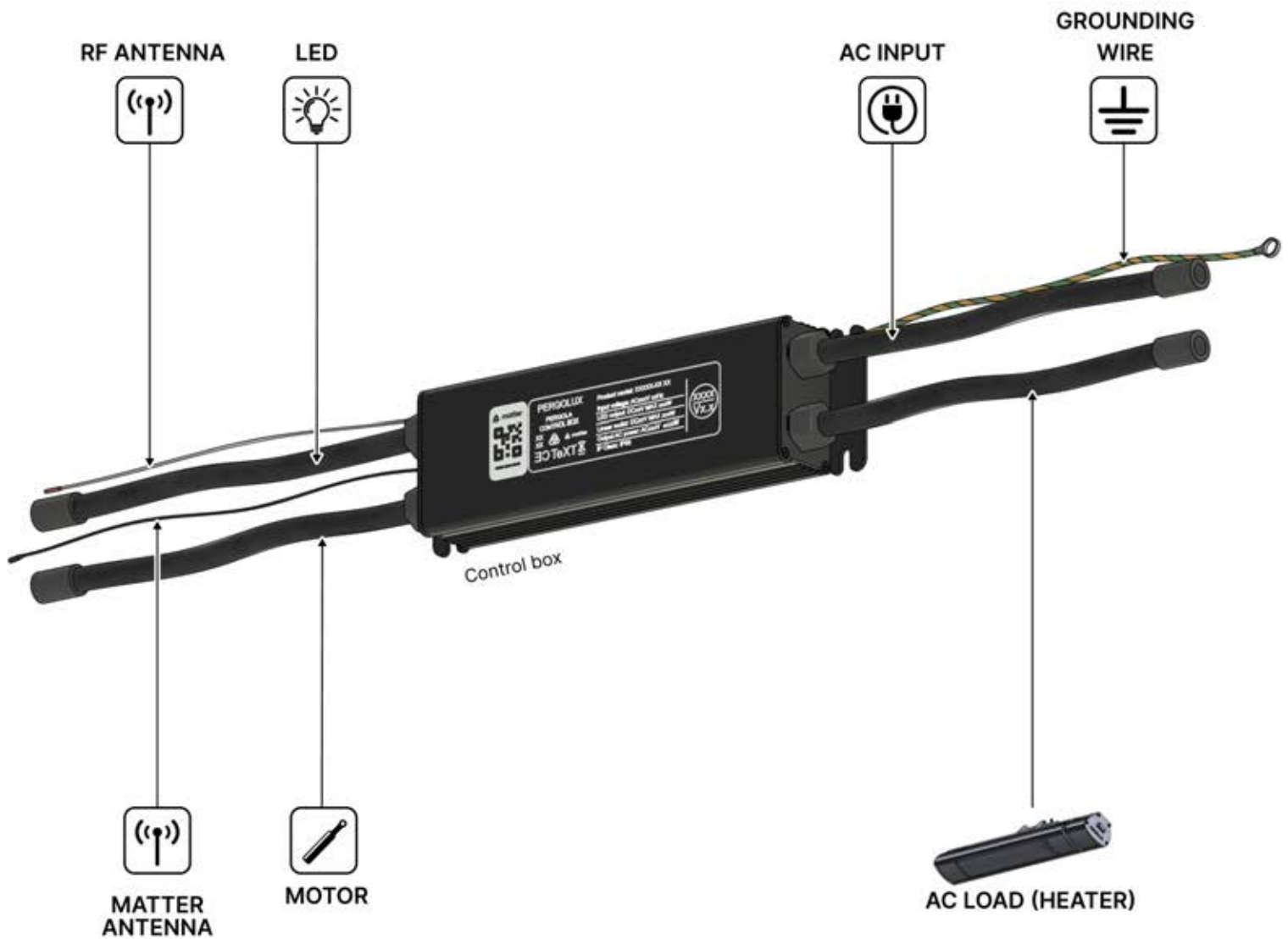
Motor Pin
1x



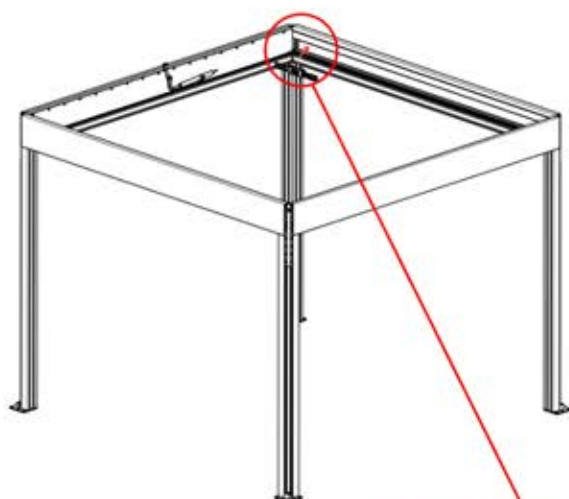
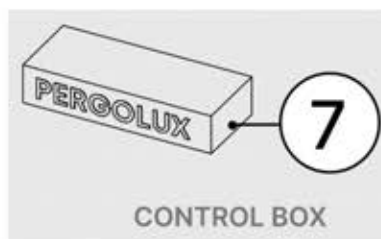
Split Pin
1x



INPUTS AND OUTPUTS

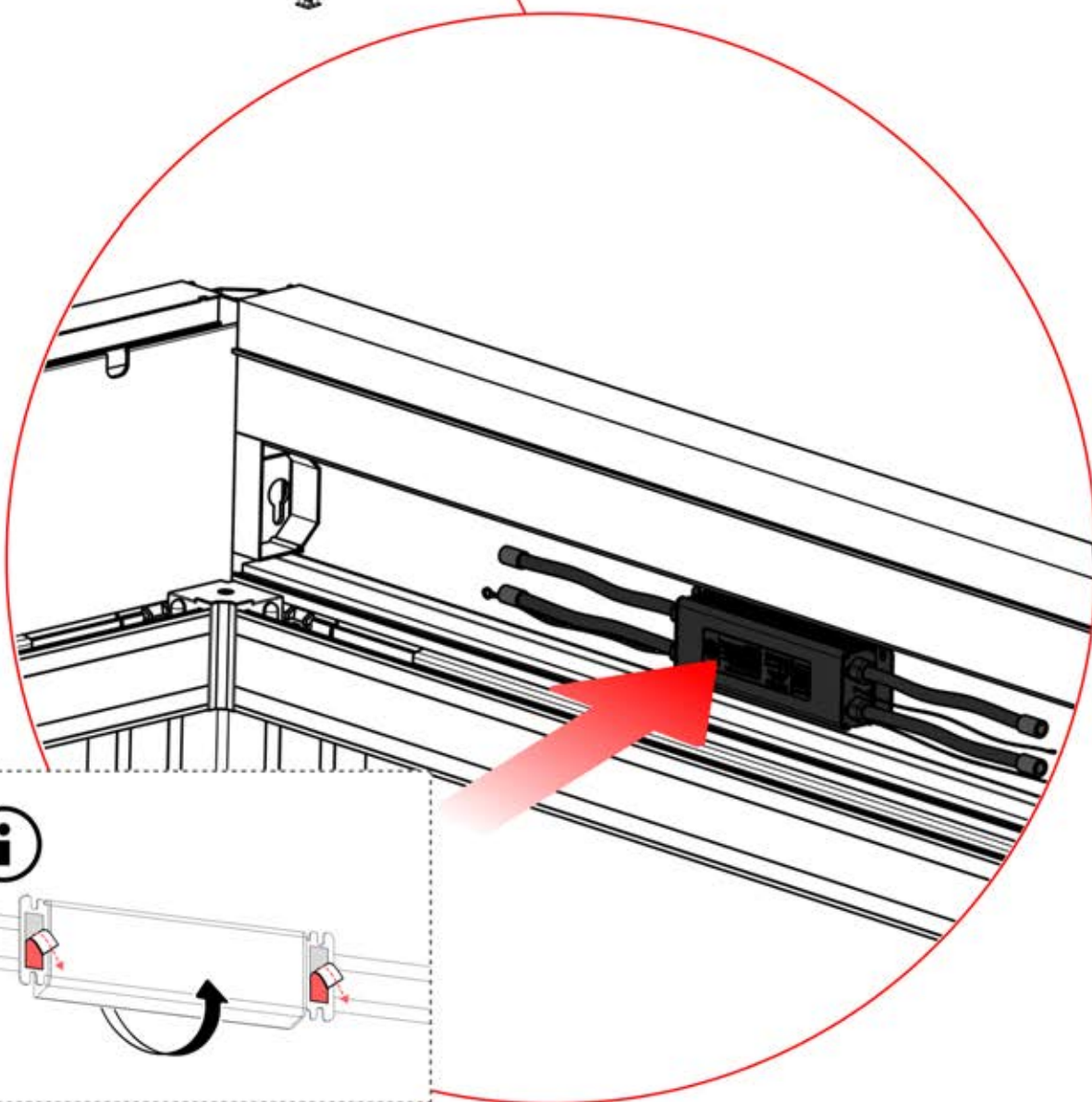


24

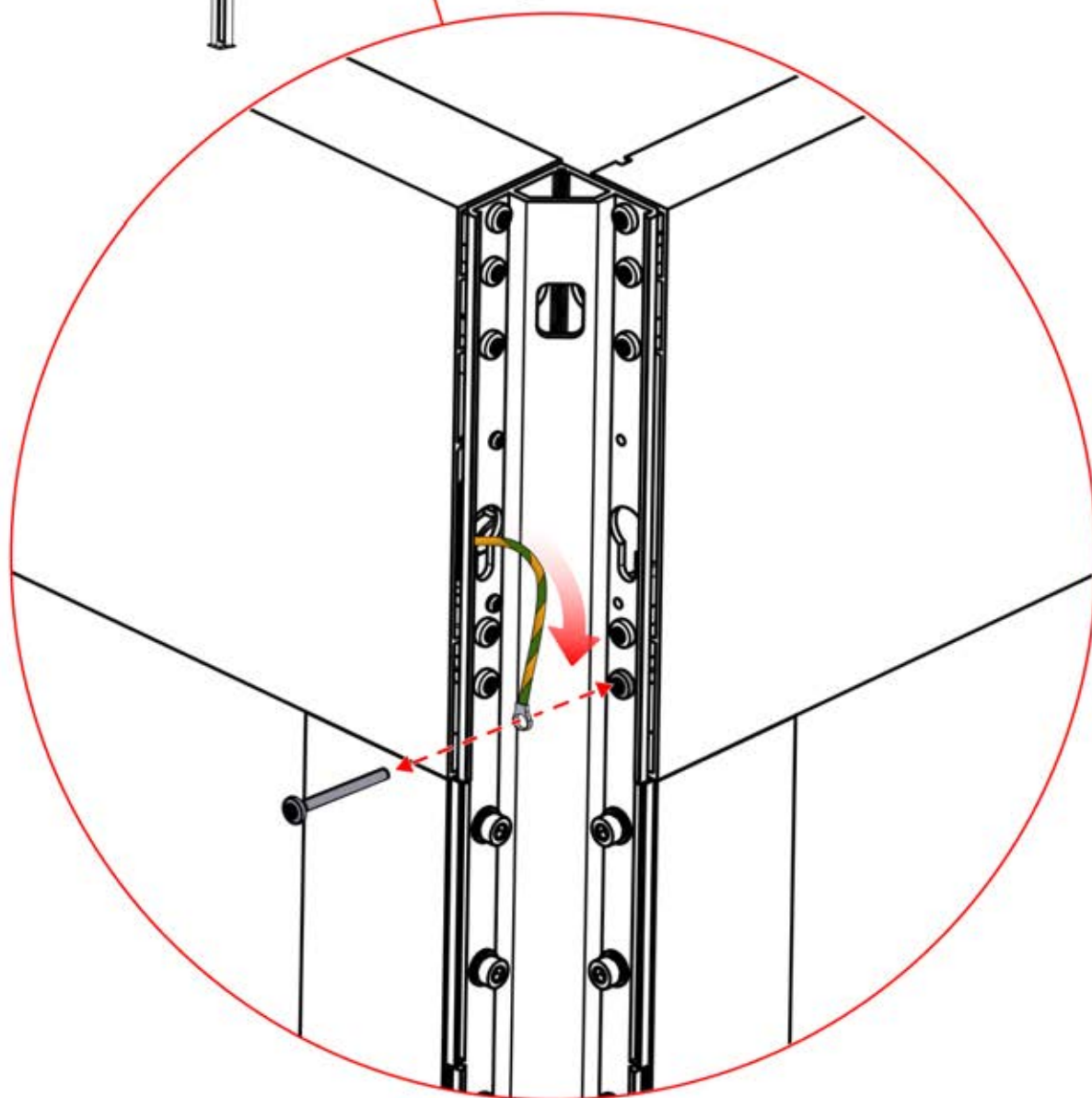
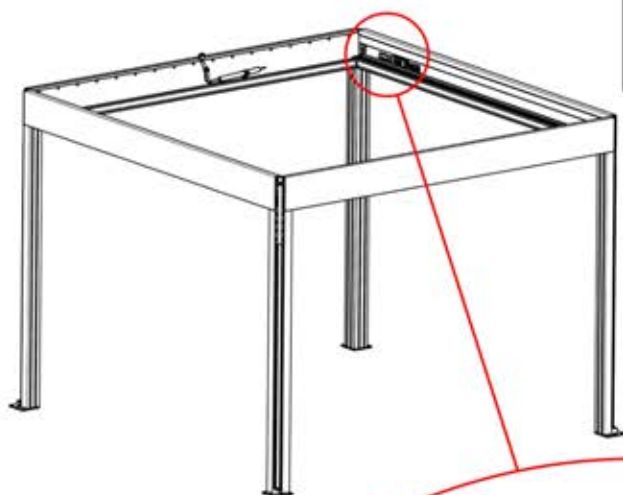
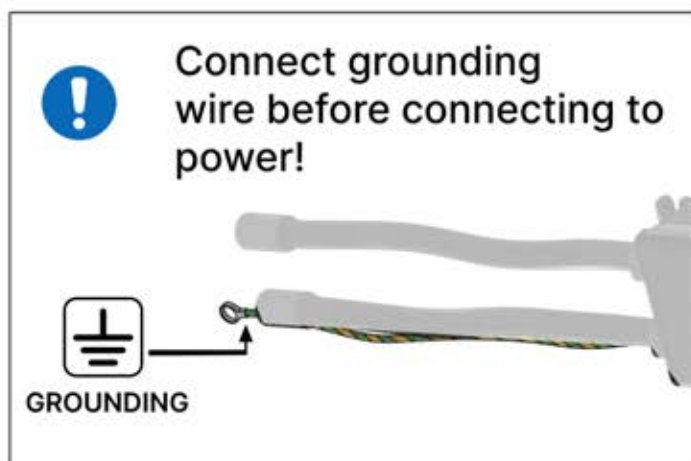


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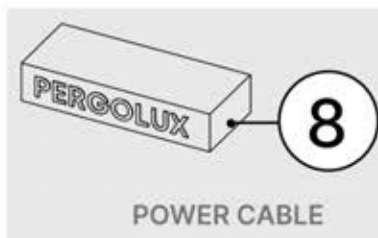
Control Box can be installed on Preferred W BEAM



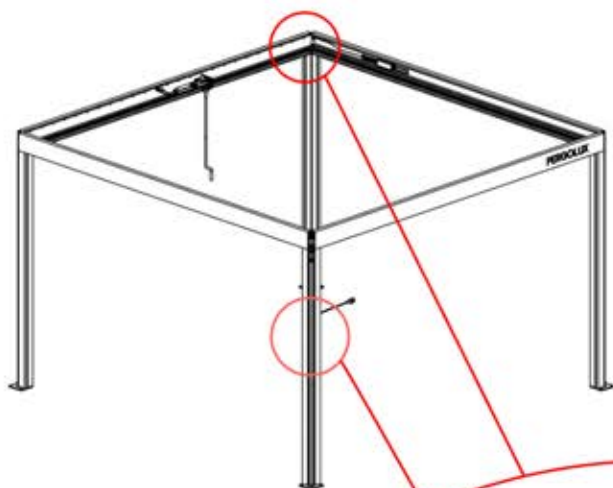
25



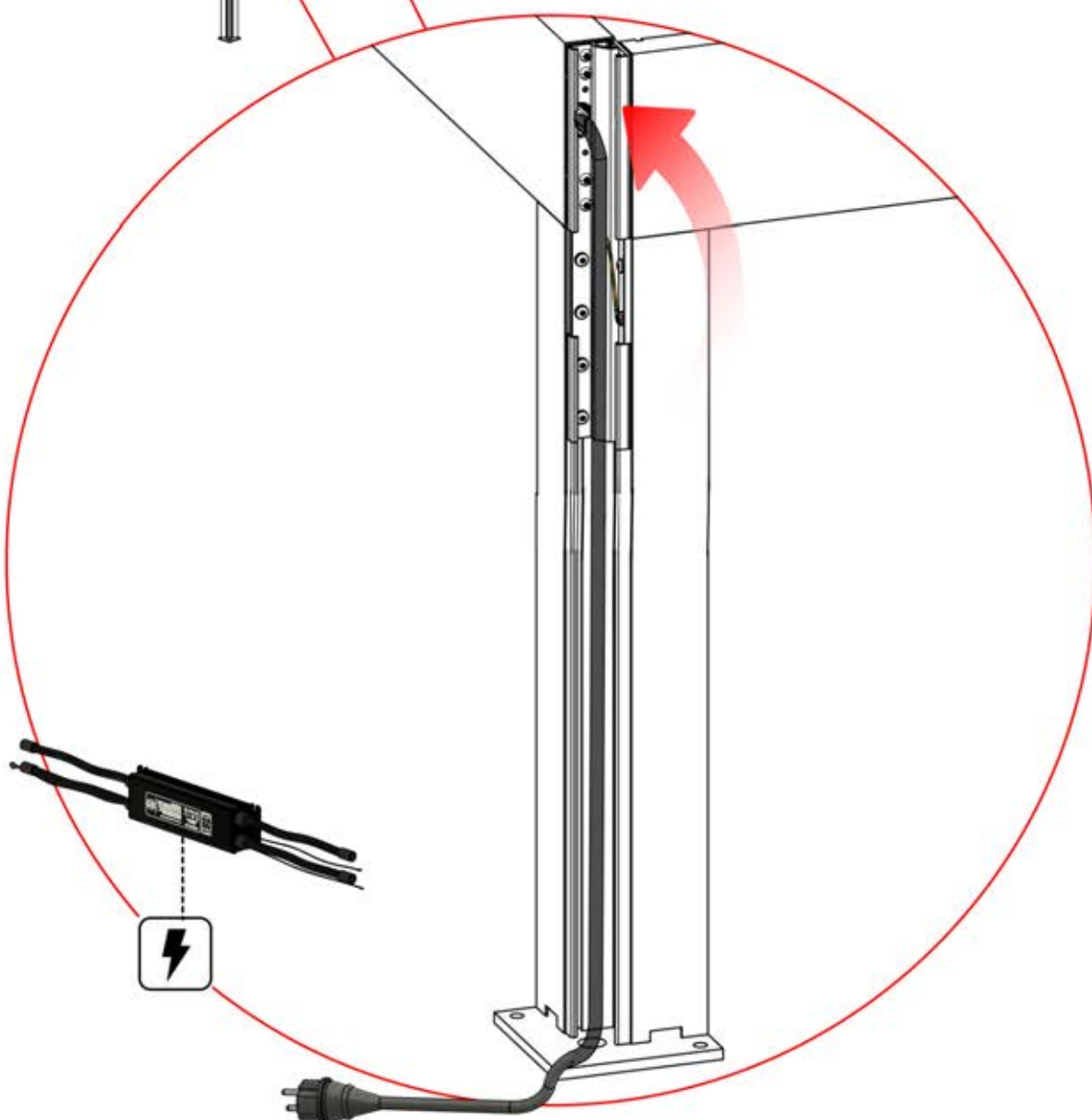
26



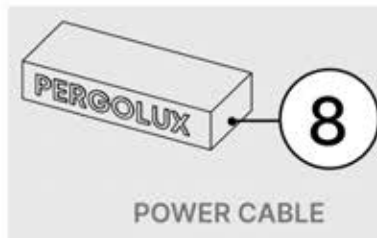
Power cable
PN-200003781
1x



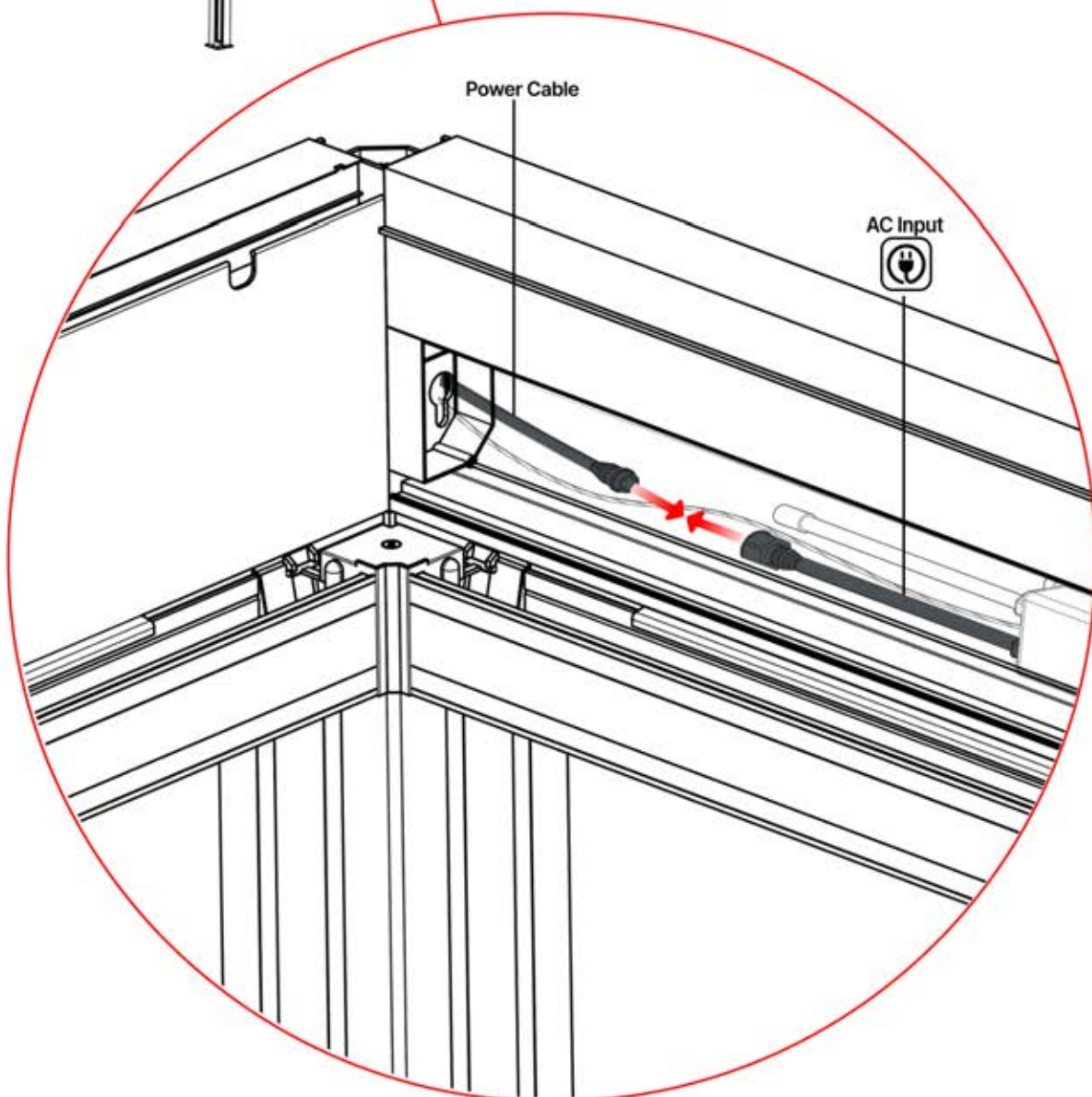
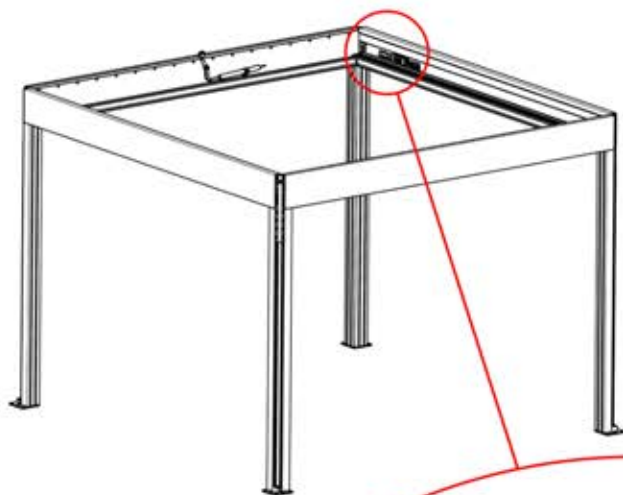
Power Cable can be
routed through all
the Poles.



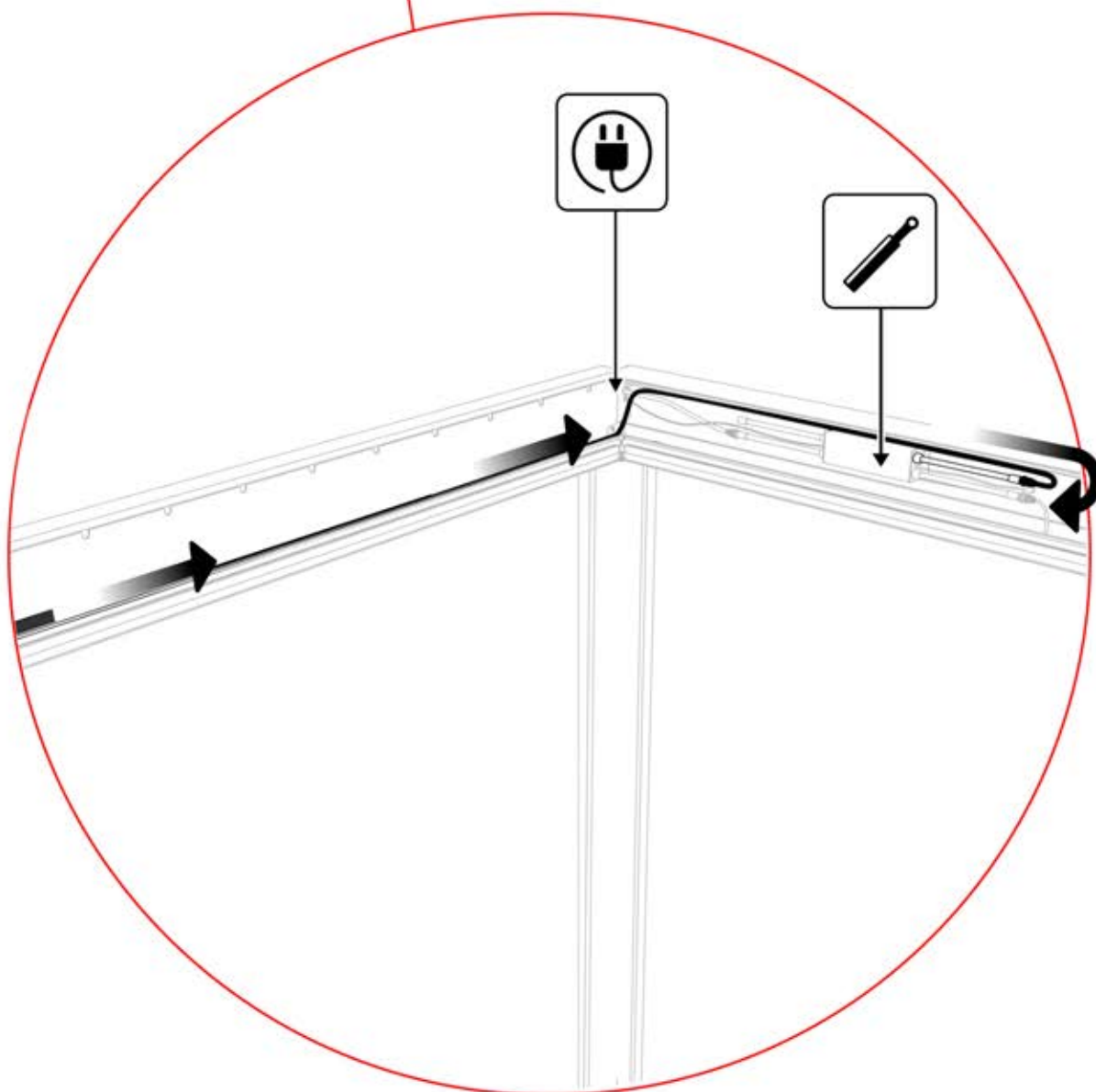
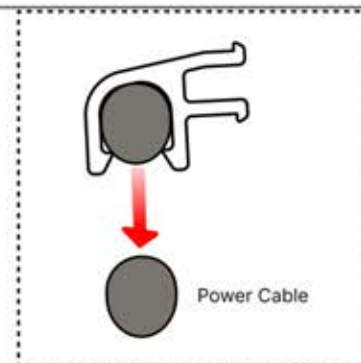
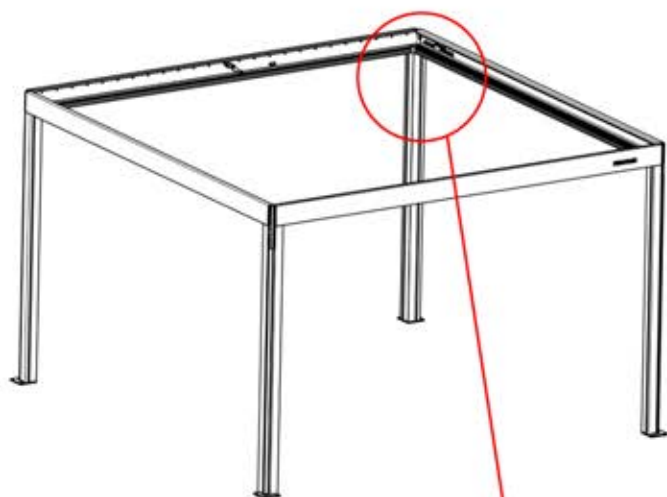
27



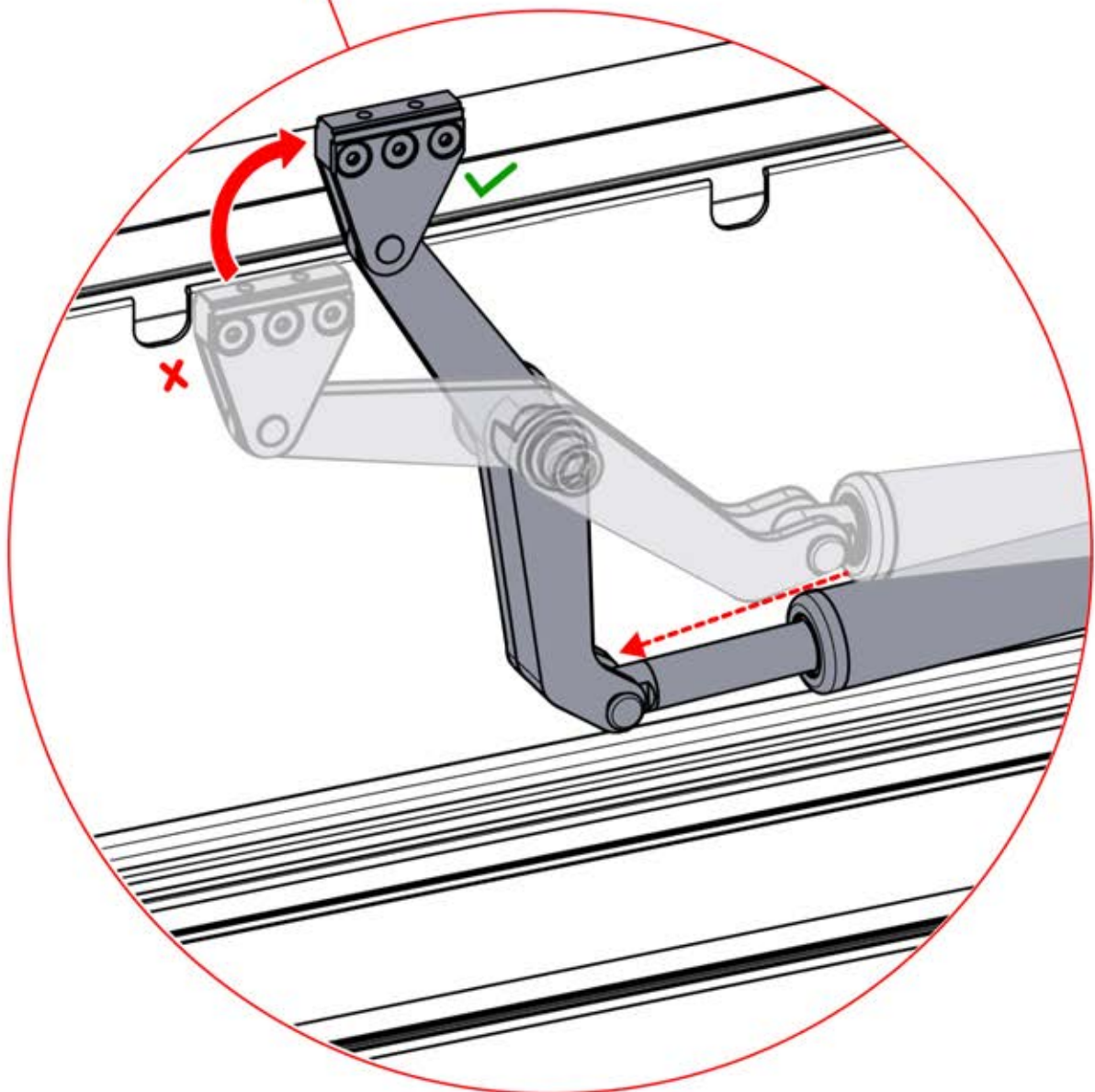
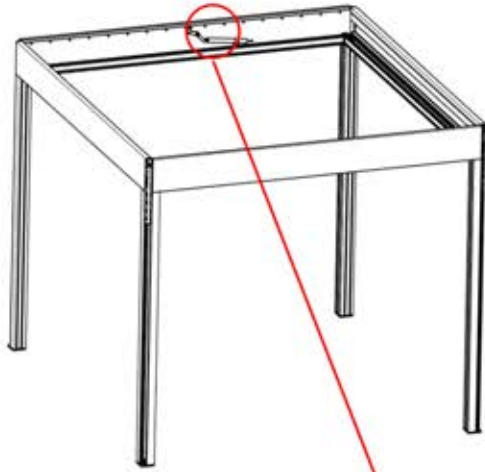
Power cable
PN-200003781
1x



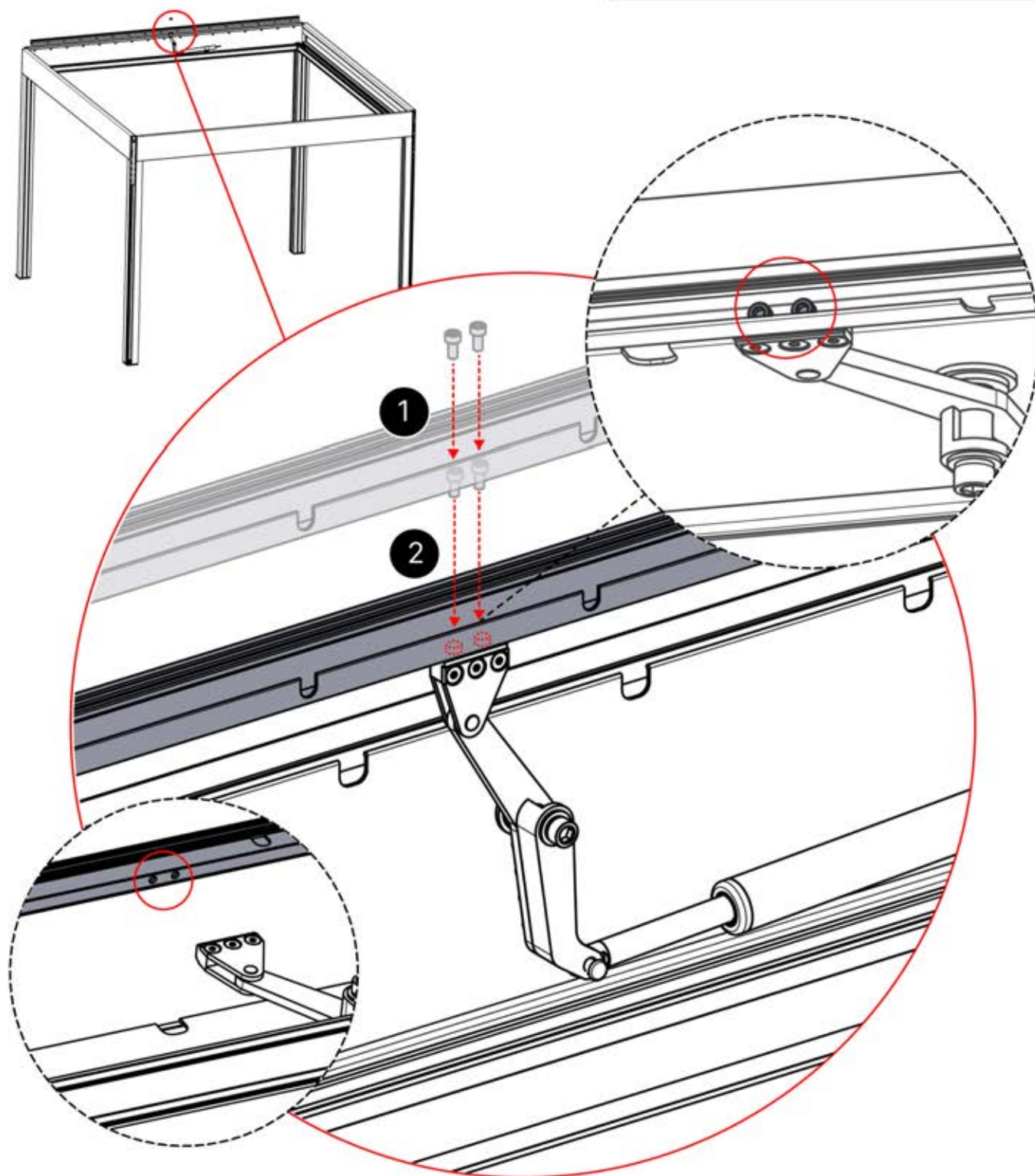
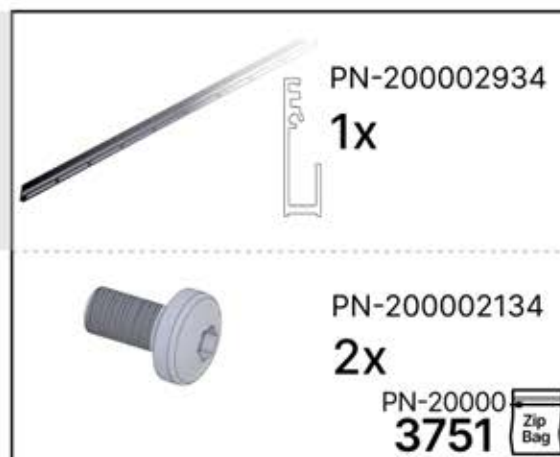
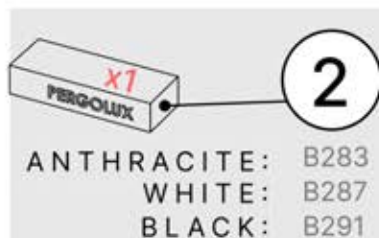
28



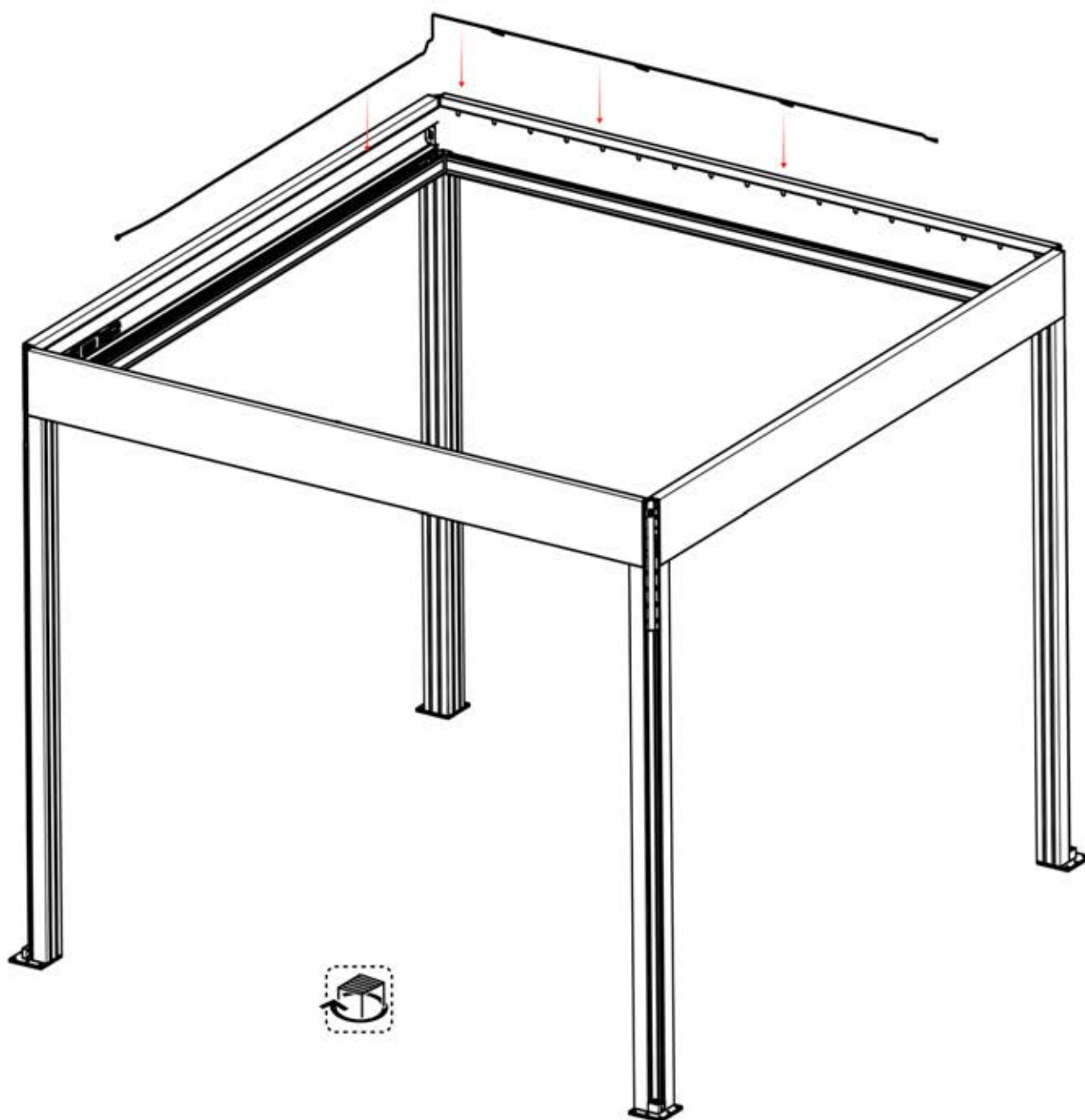
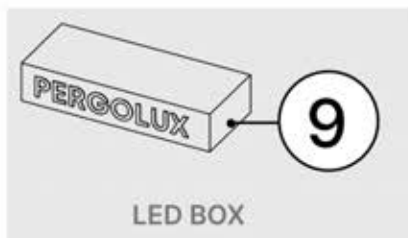
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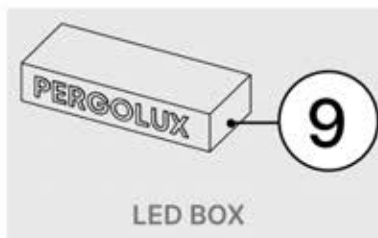
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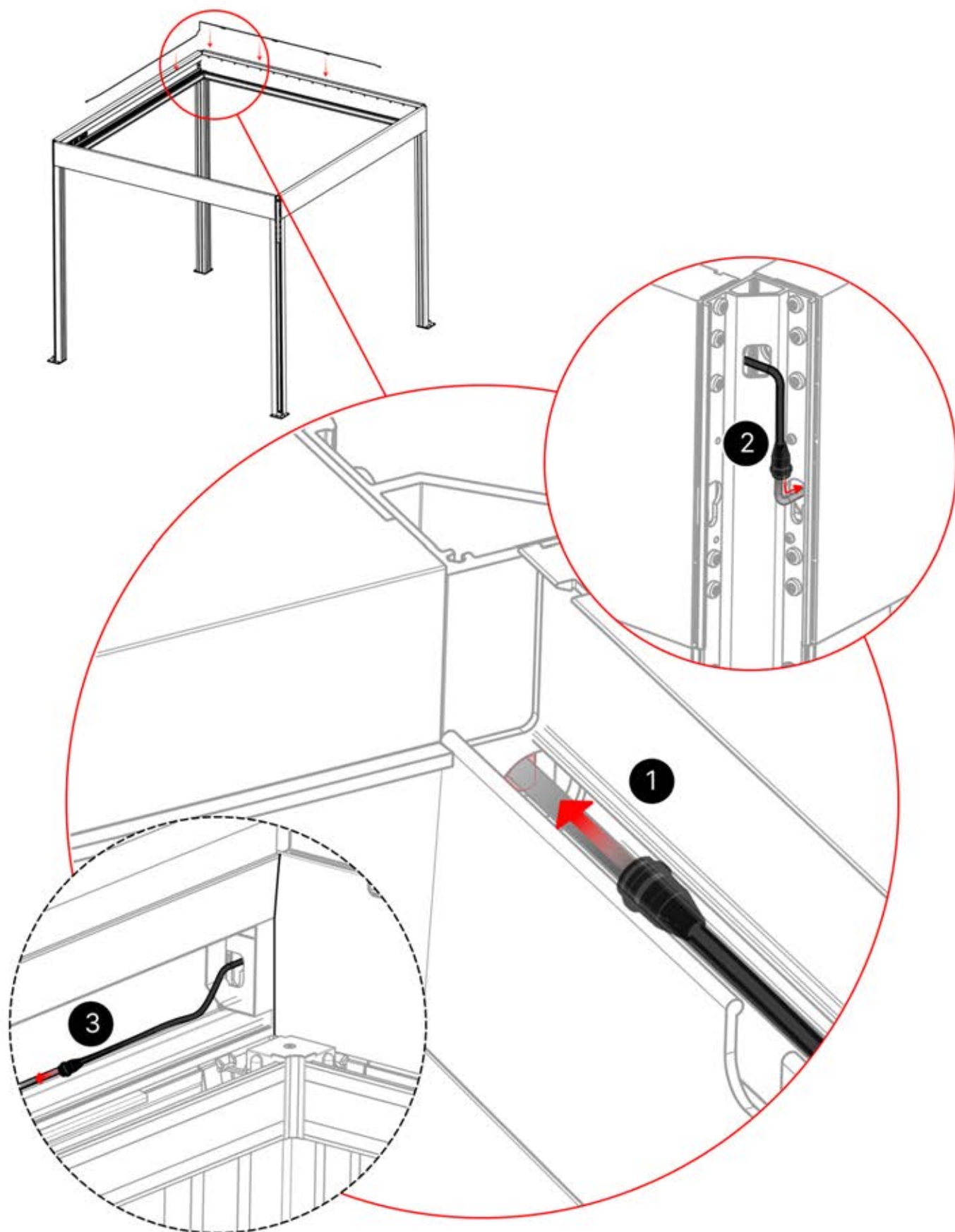
31



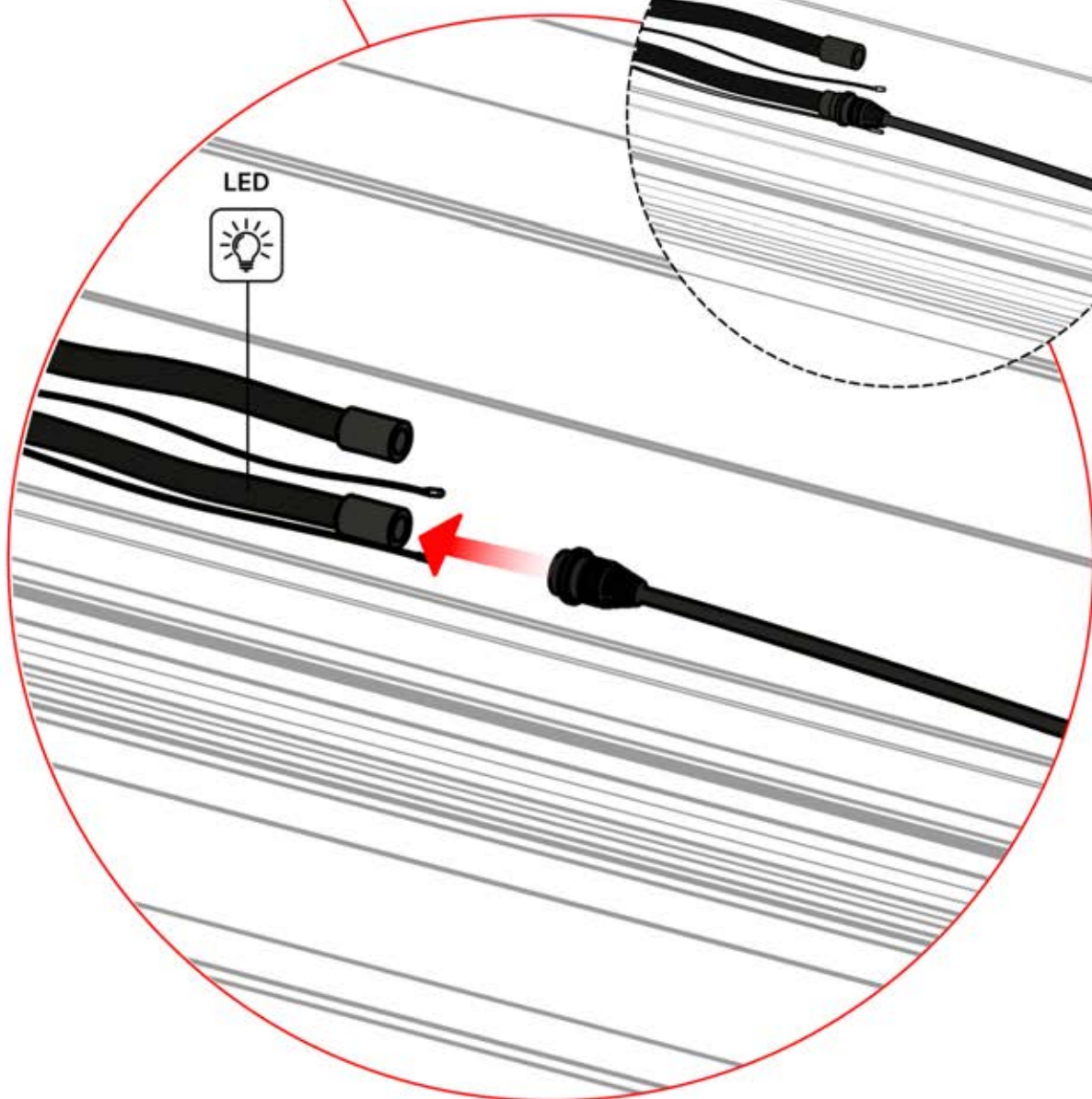
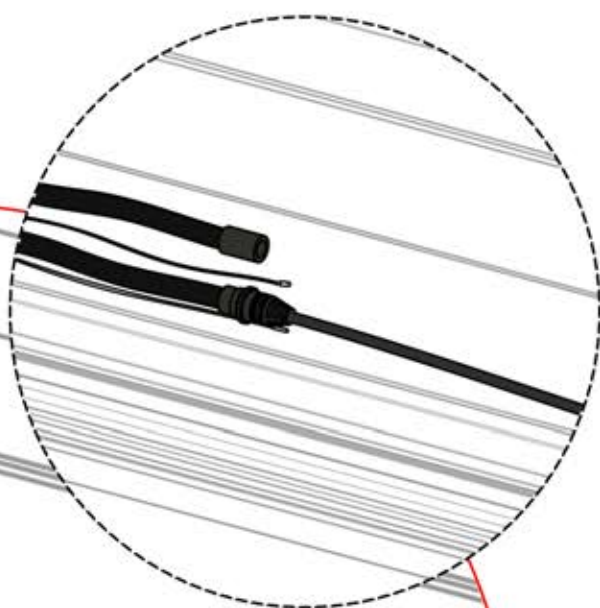
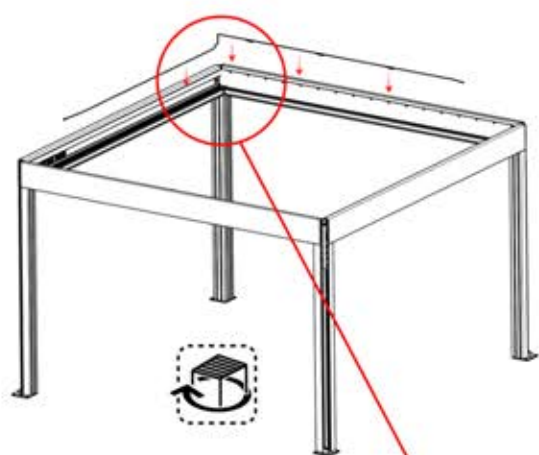
32



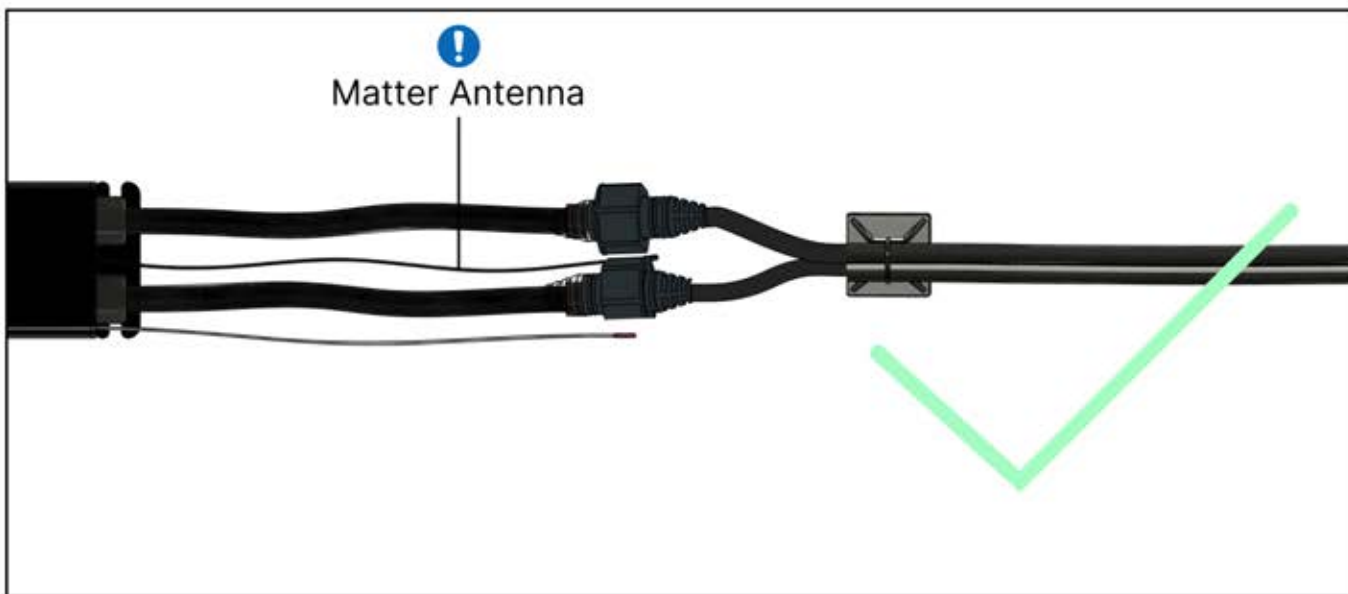
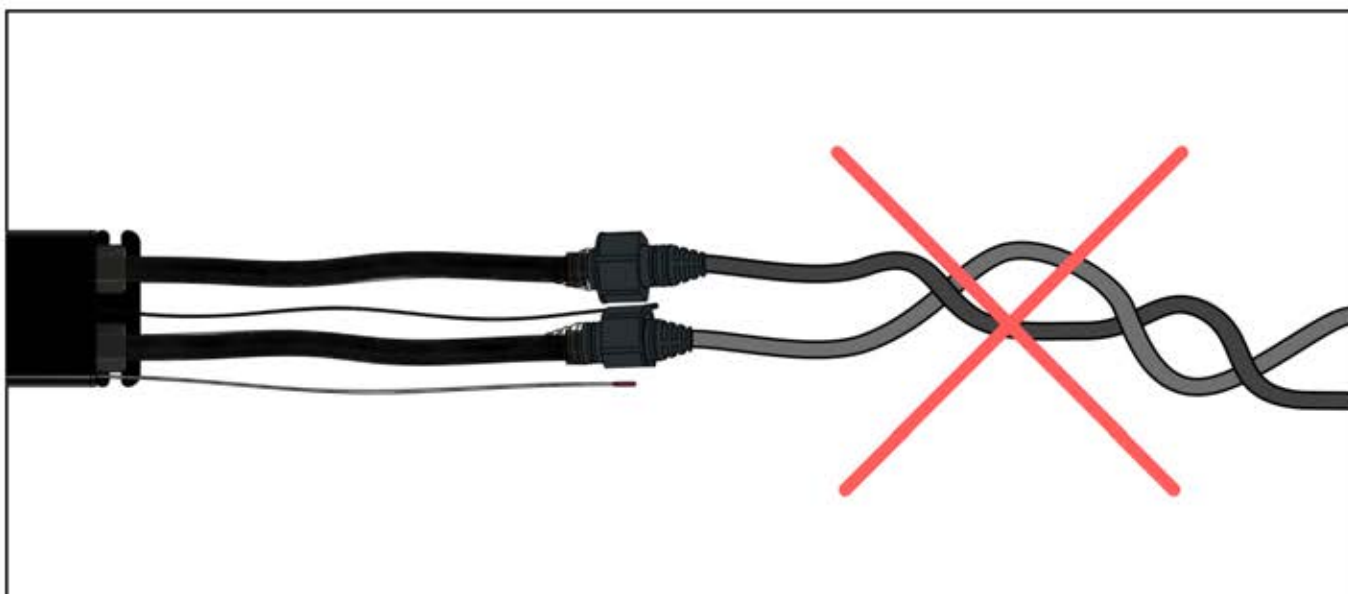
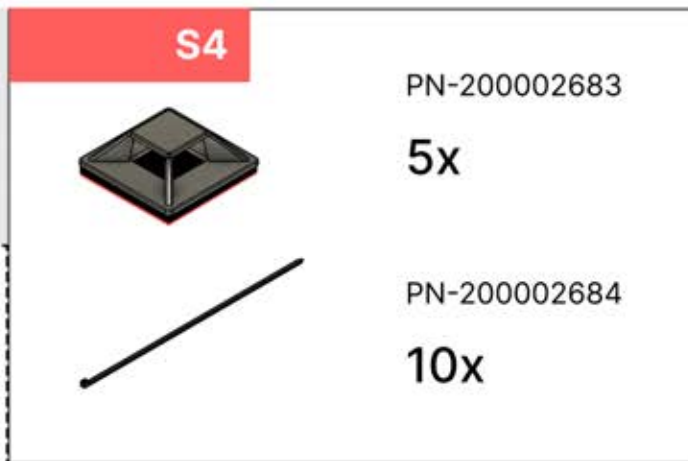
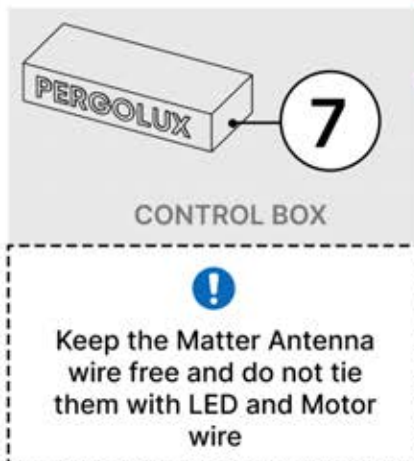
4 LED HARNESS



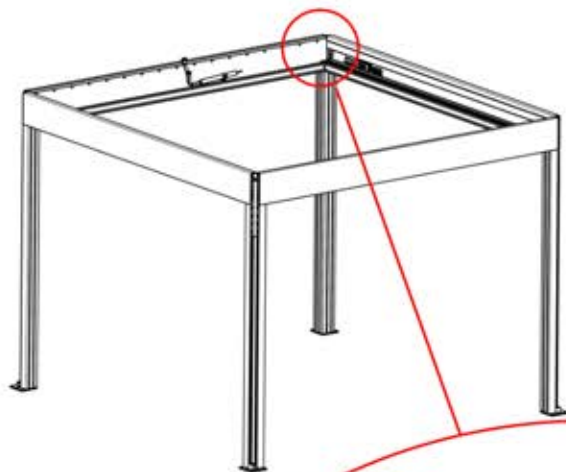
33



34



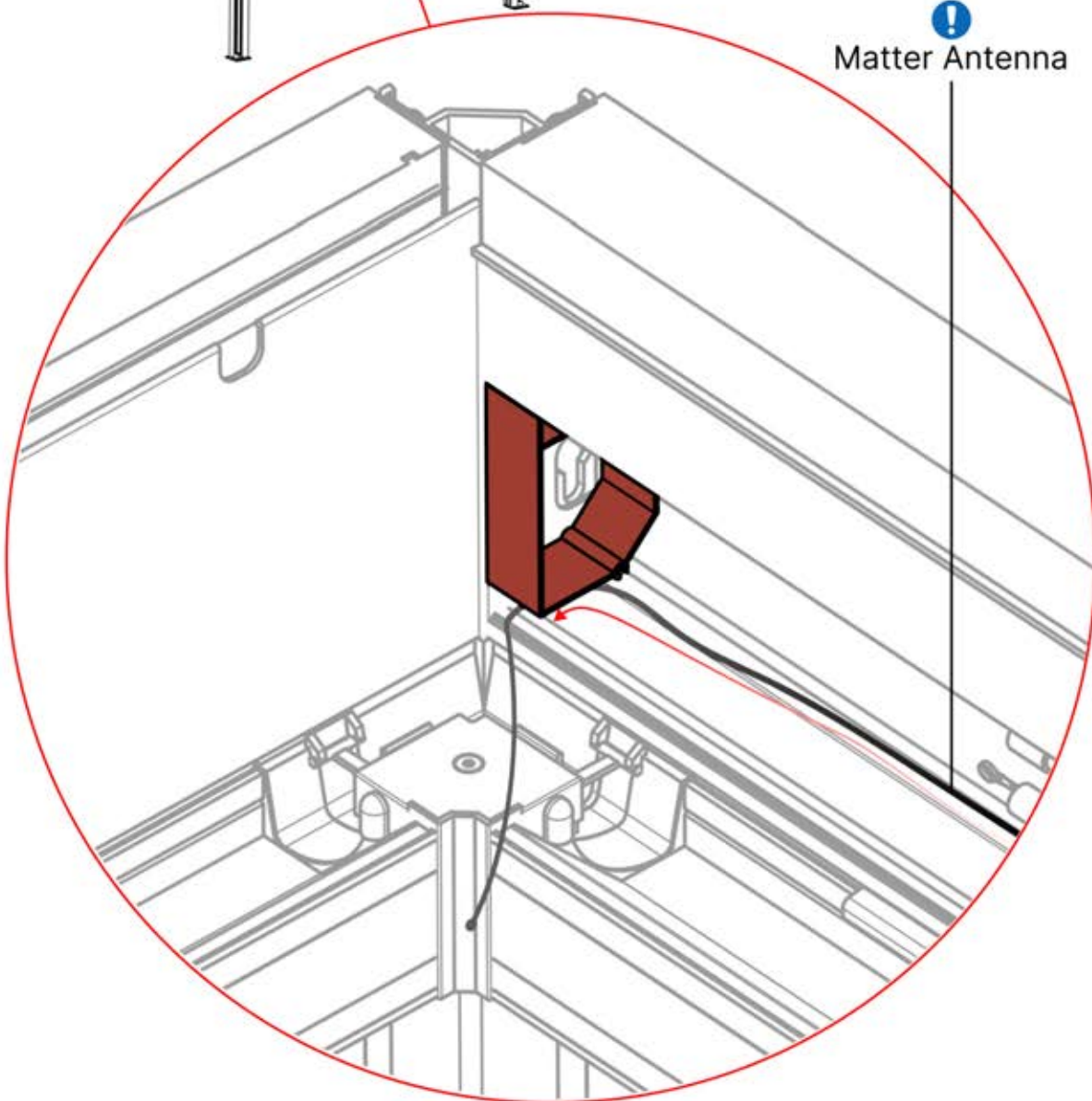
35



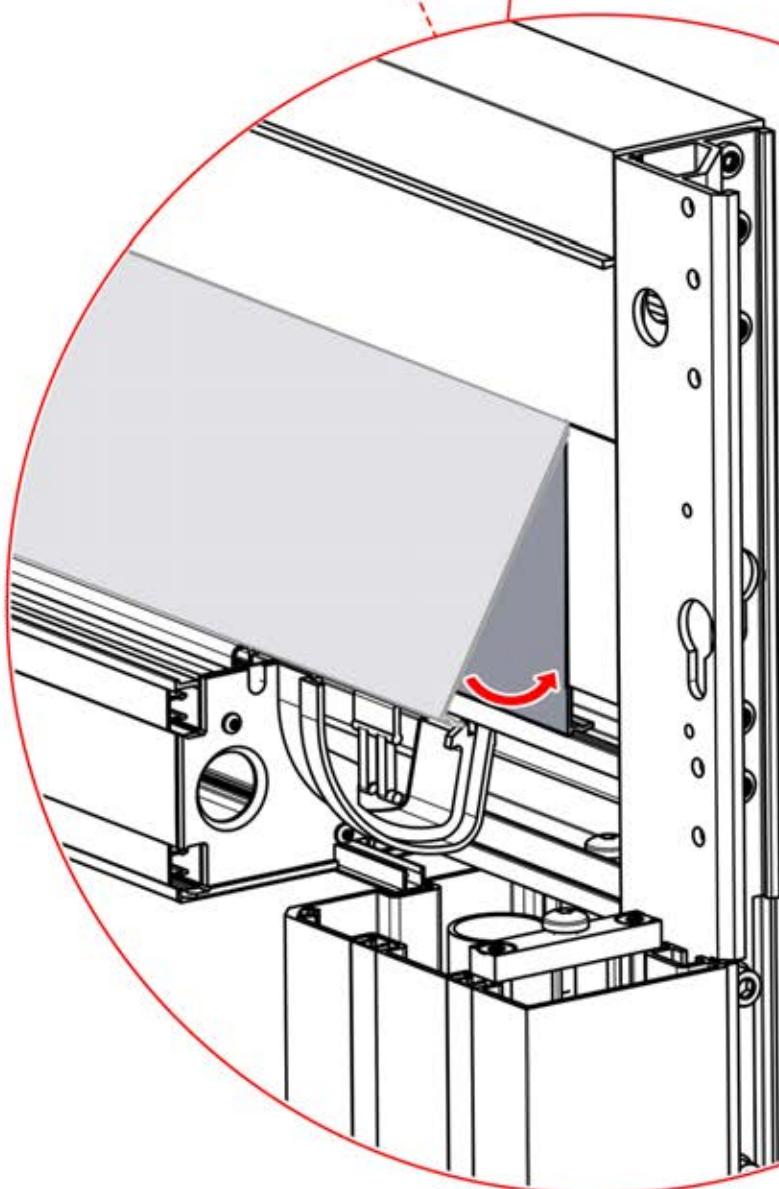
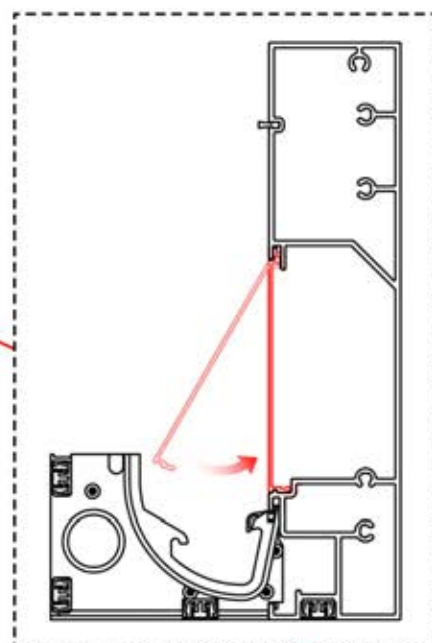
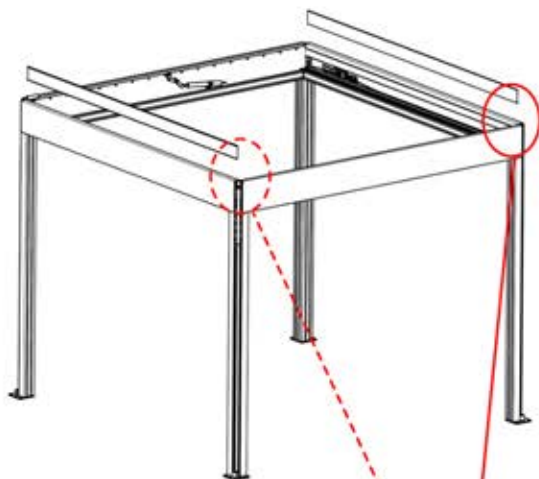
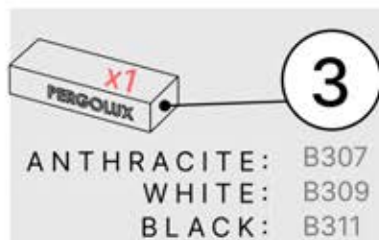
Route the Matter Antenna and place it below the highlighted part(PN-200002329).



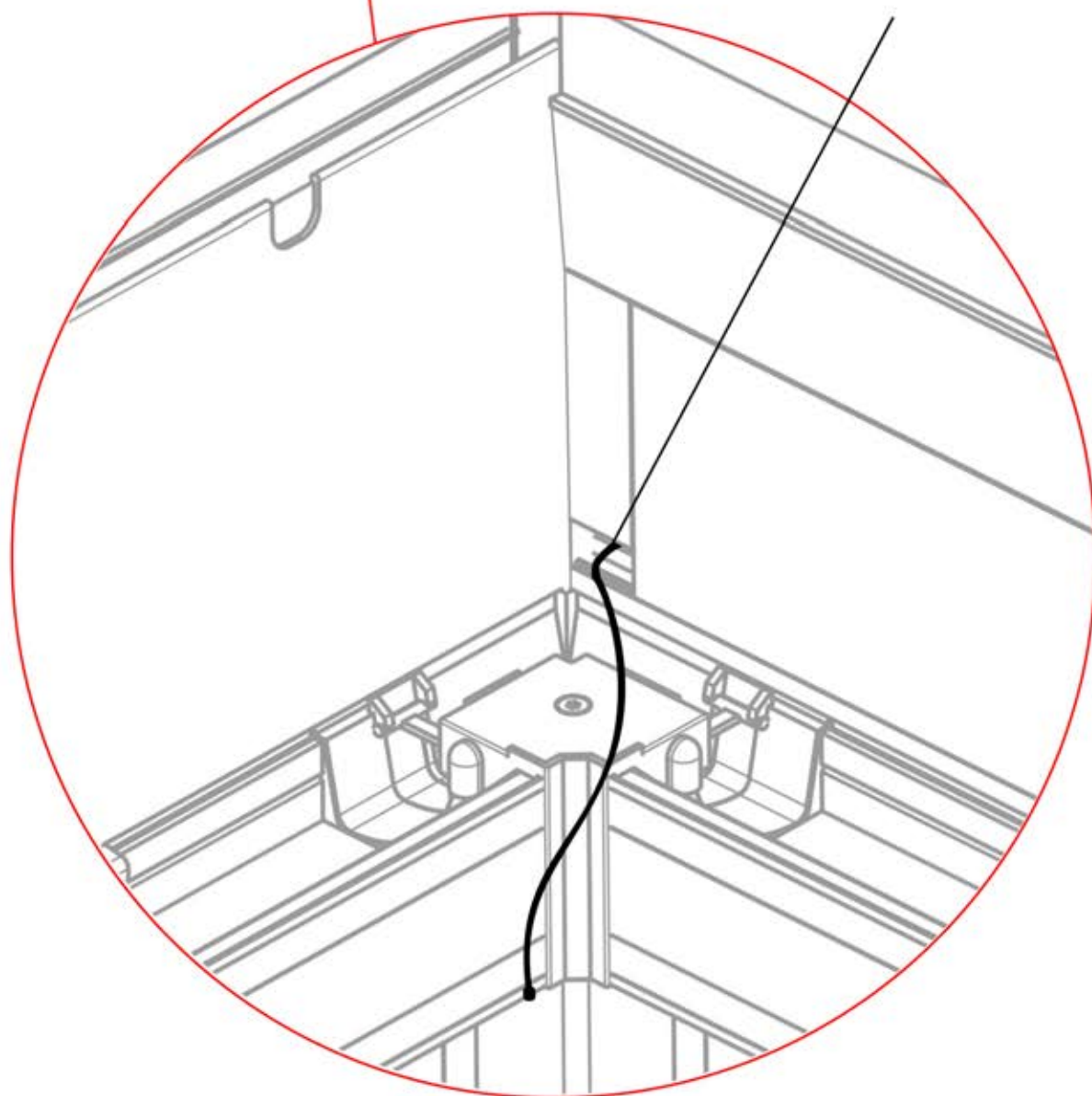
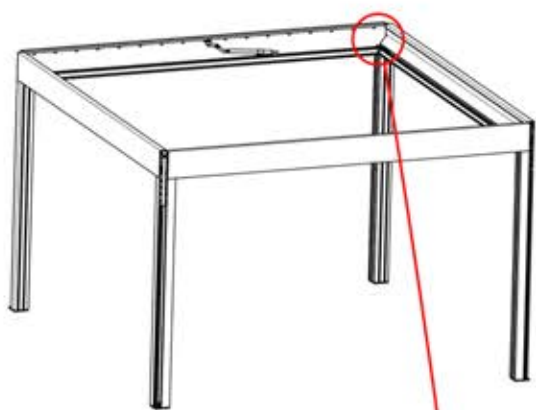
Matter Antenna



36



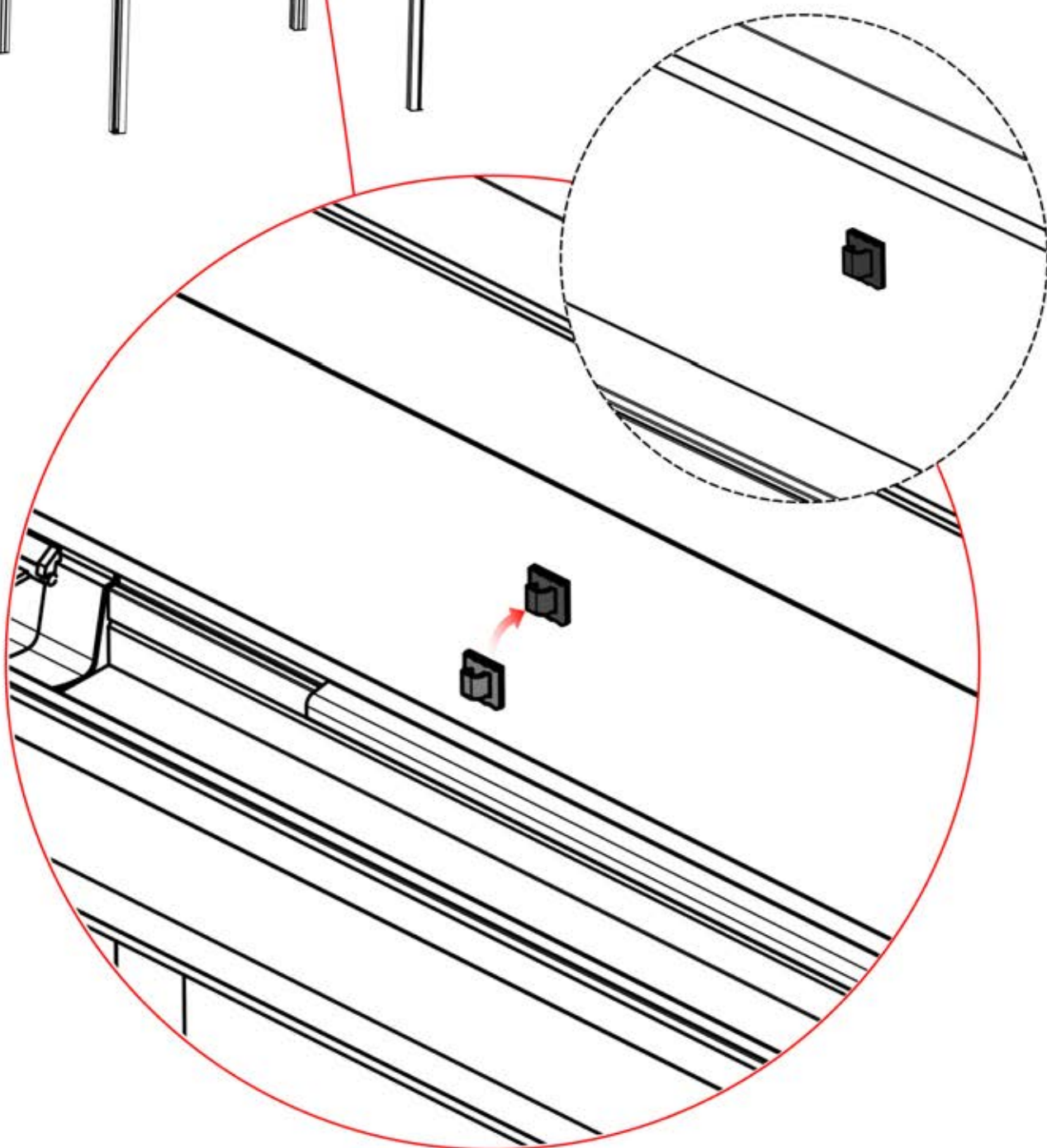
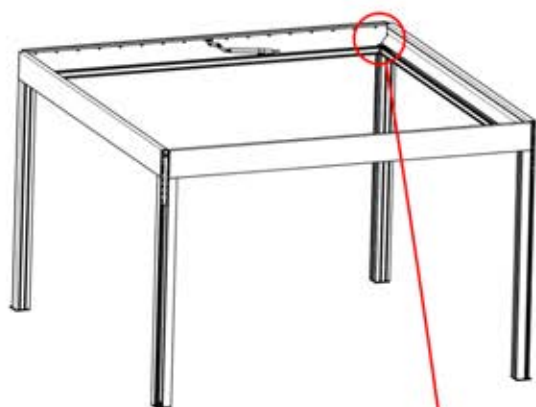
INFORMATION

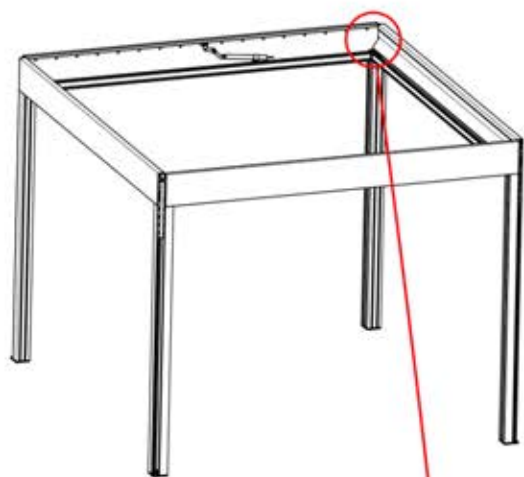


37

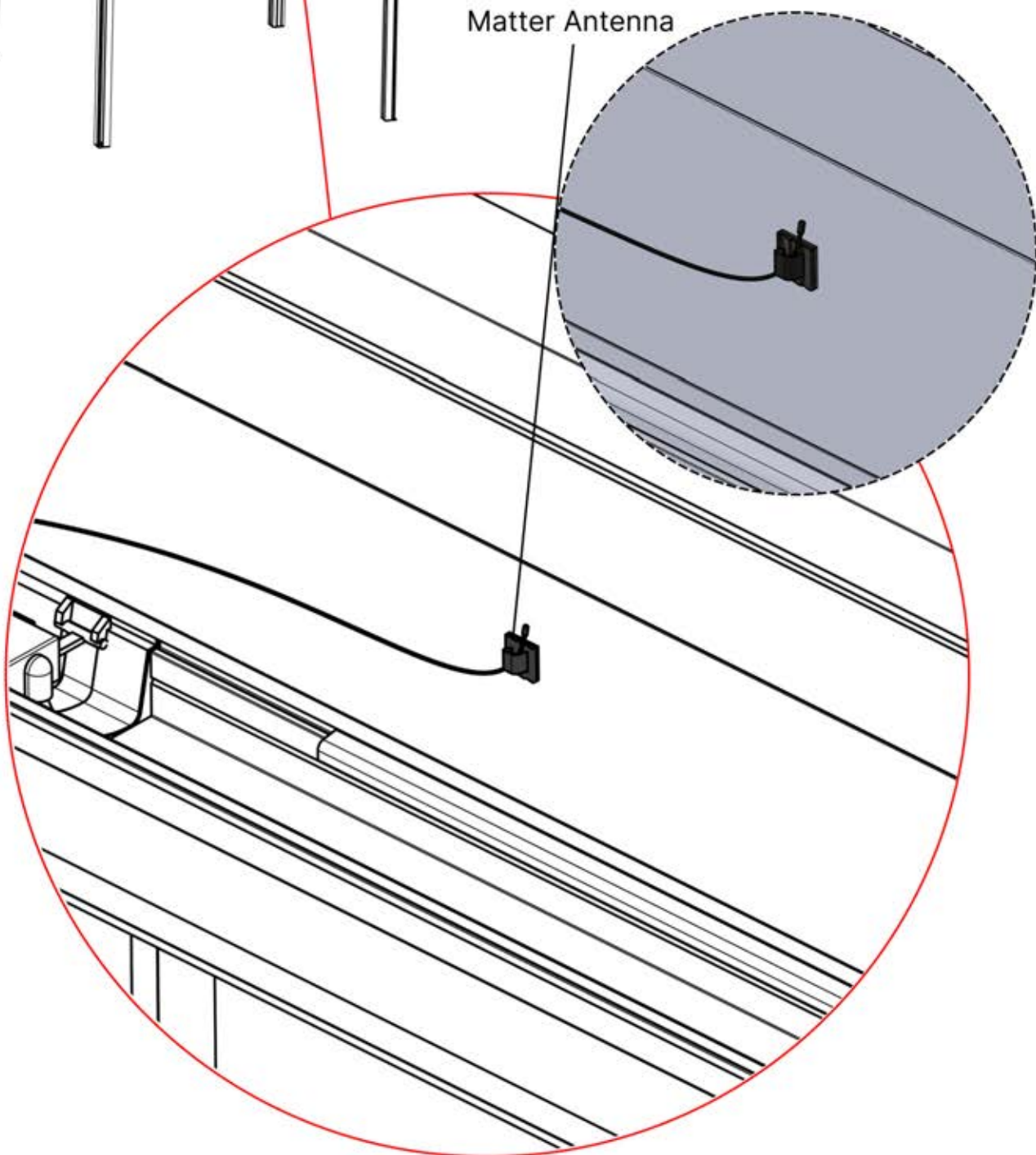


Matter Antenna
1x





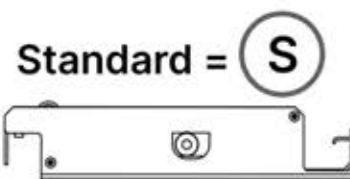
Matter Antenna





PERGOLUX PRO MAX+ 3×3

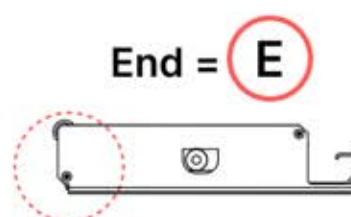
PN-200003532



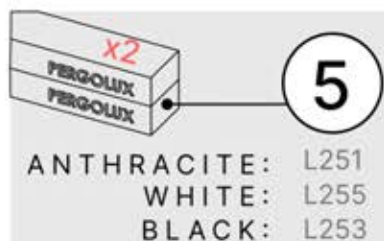
PN-200003536



PN-200003534

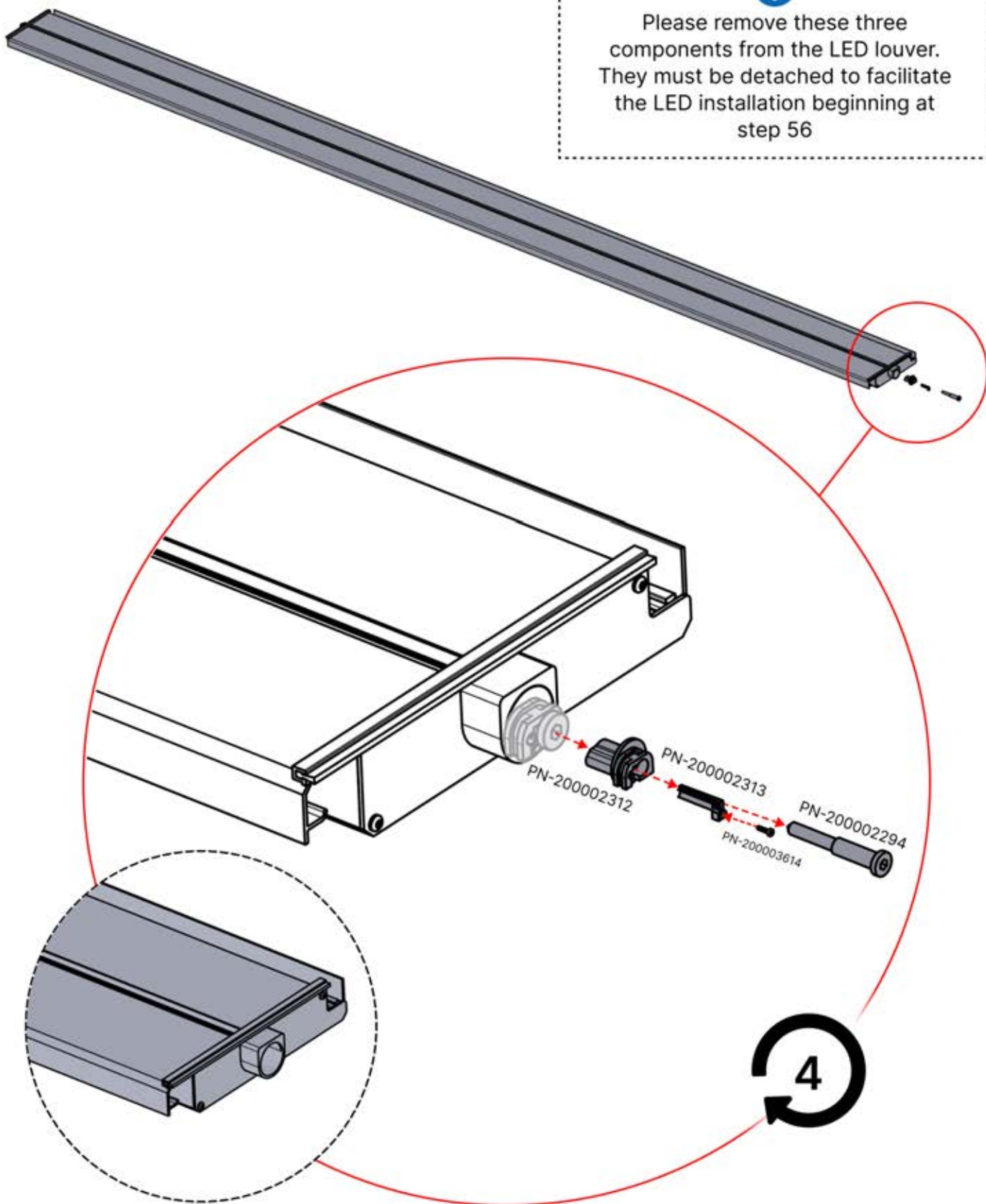


39

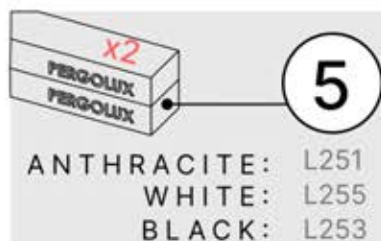


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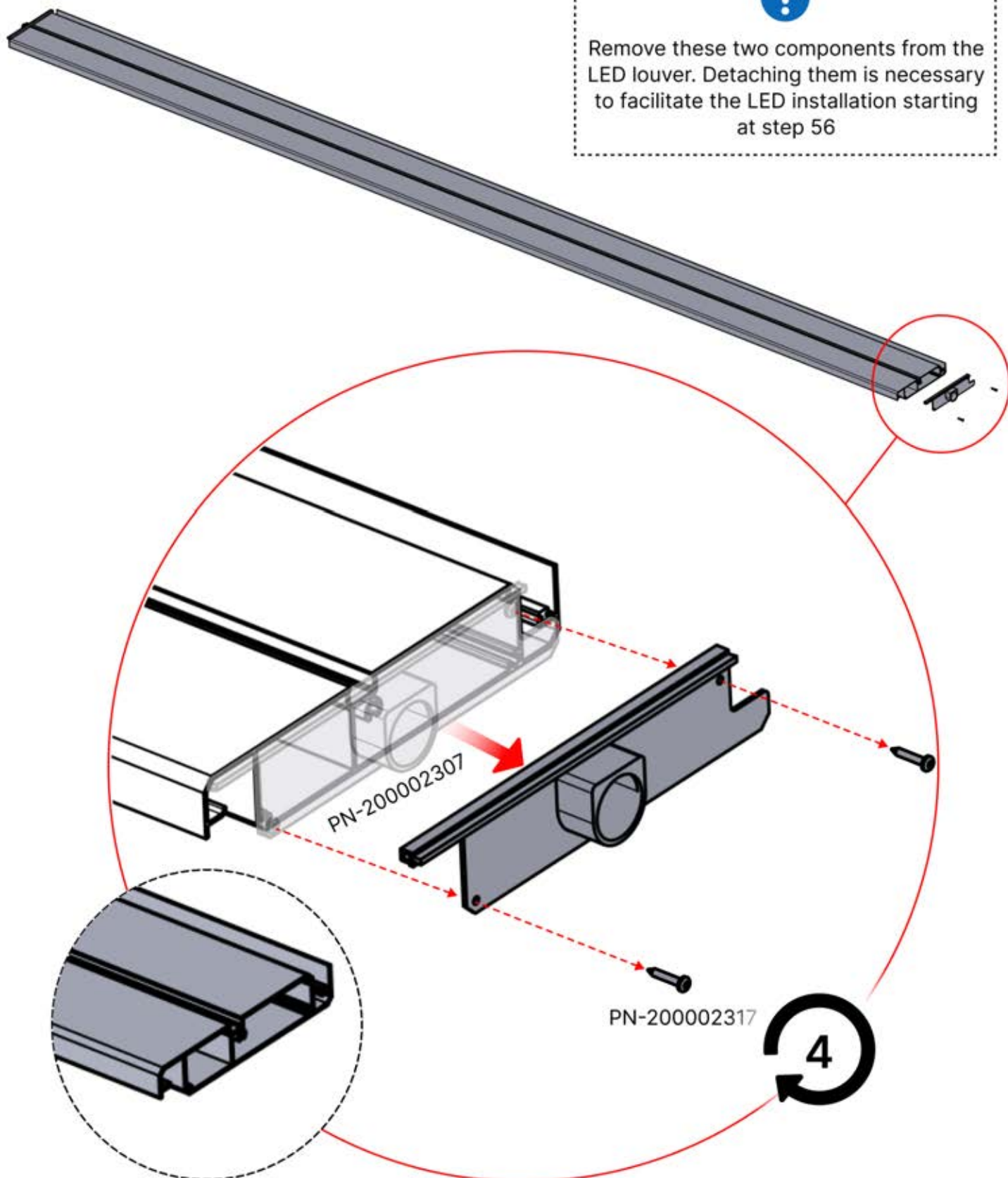
Please remove these three components from the LED louver. They must be detached to facilitate the LED installation beginning at step 56



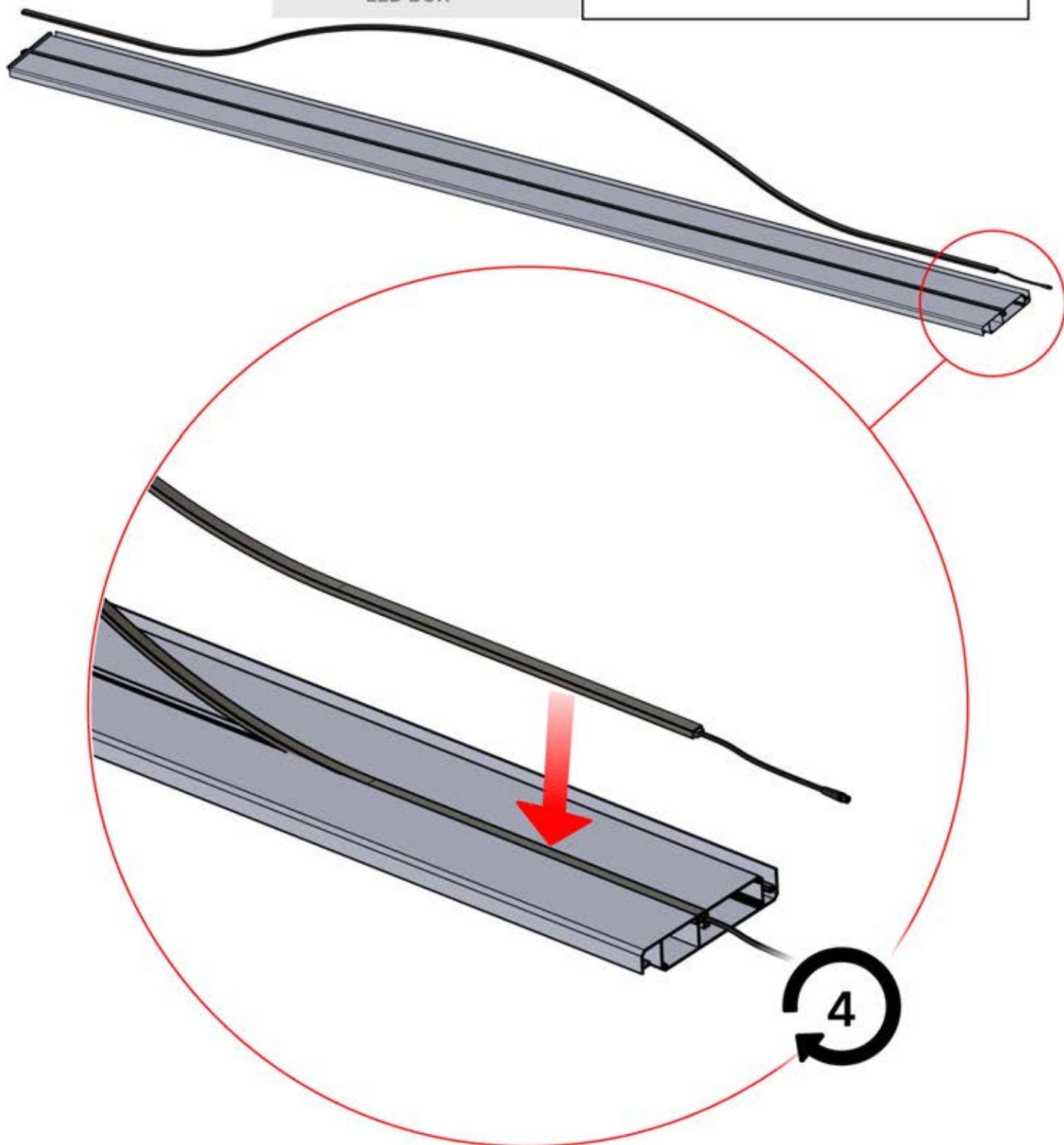
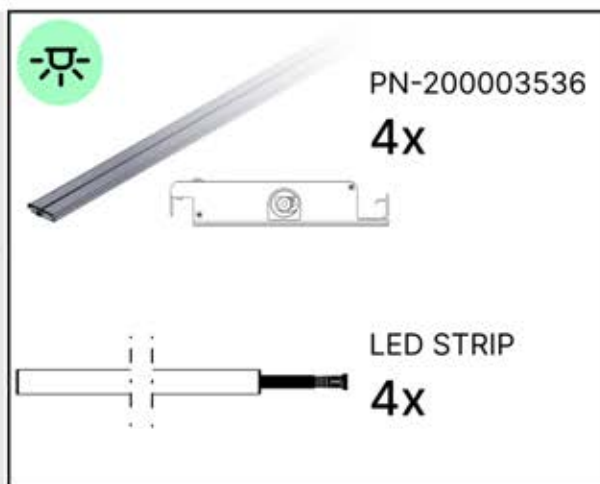
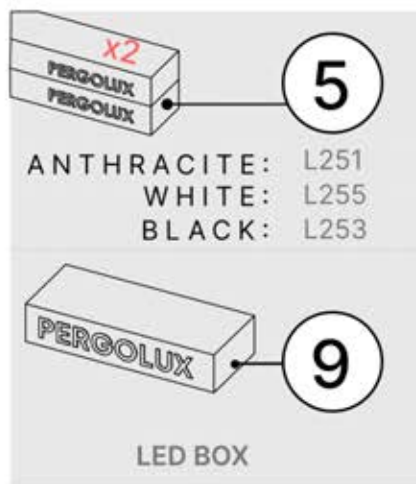
40



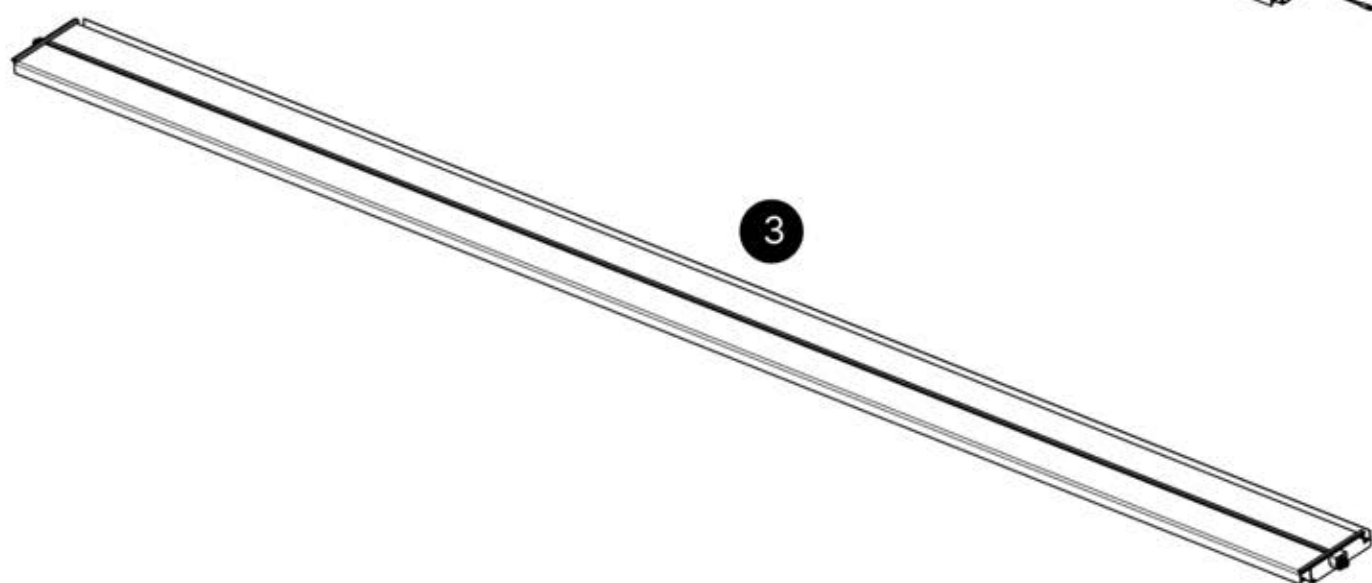
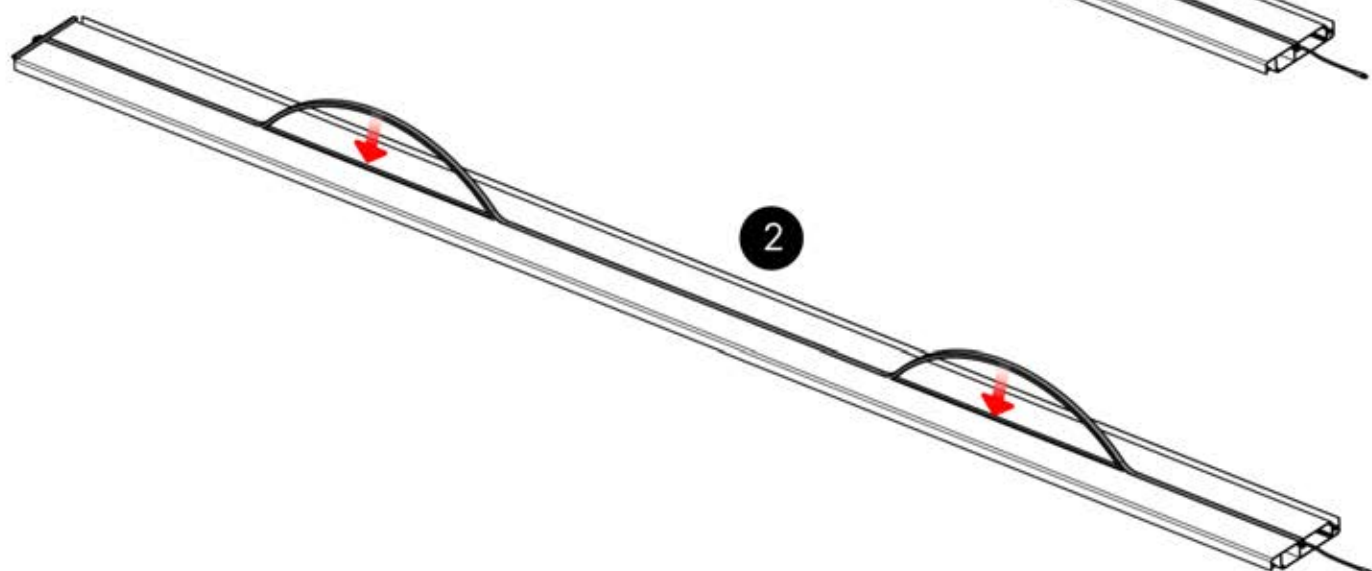
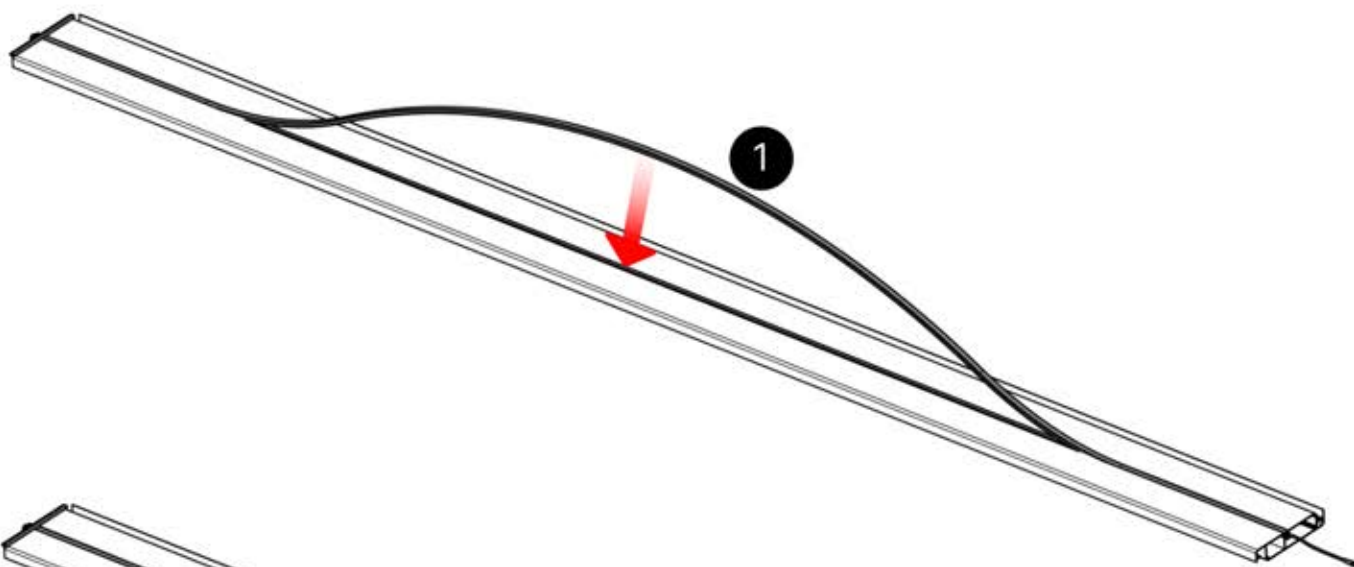
Remove these two components from the LED louver. Detaching them is necessary to facilitate the LED installation starting at step 56



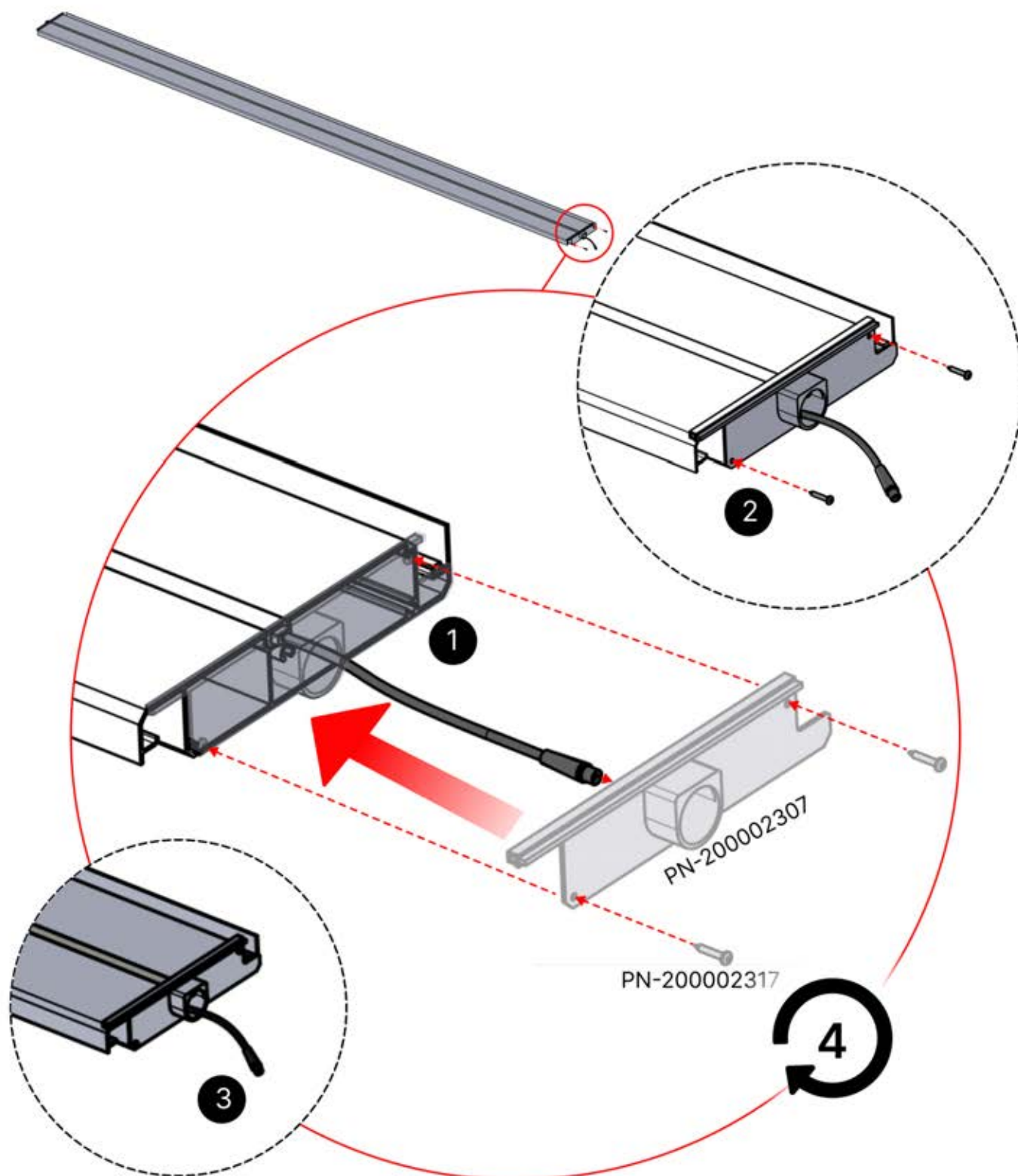
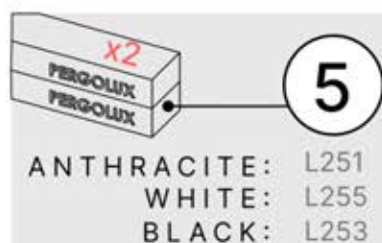
41



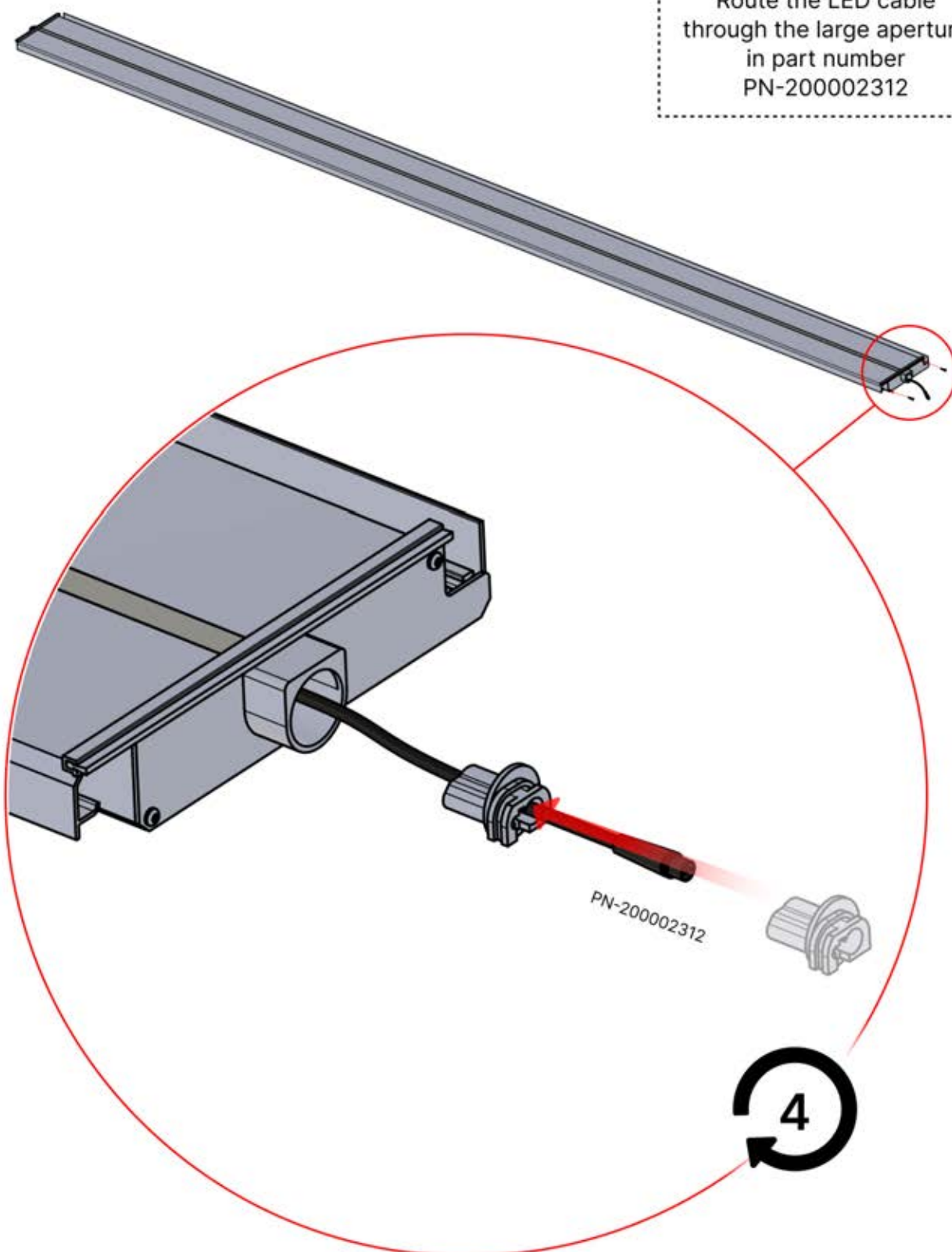
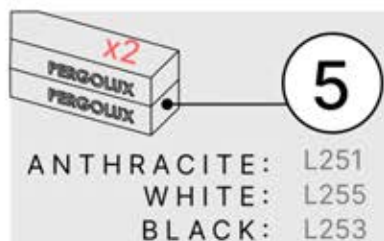
42



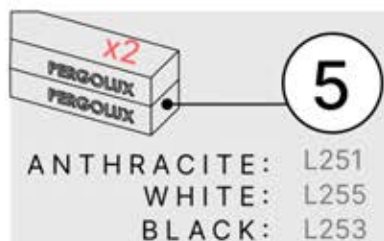
43



44

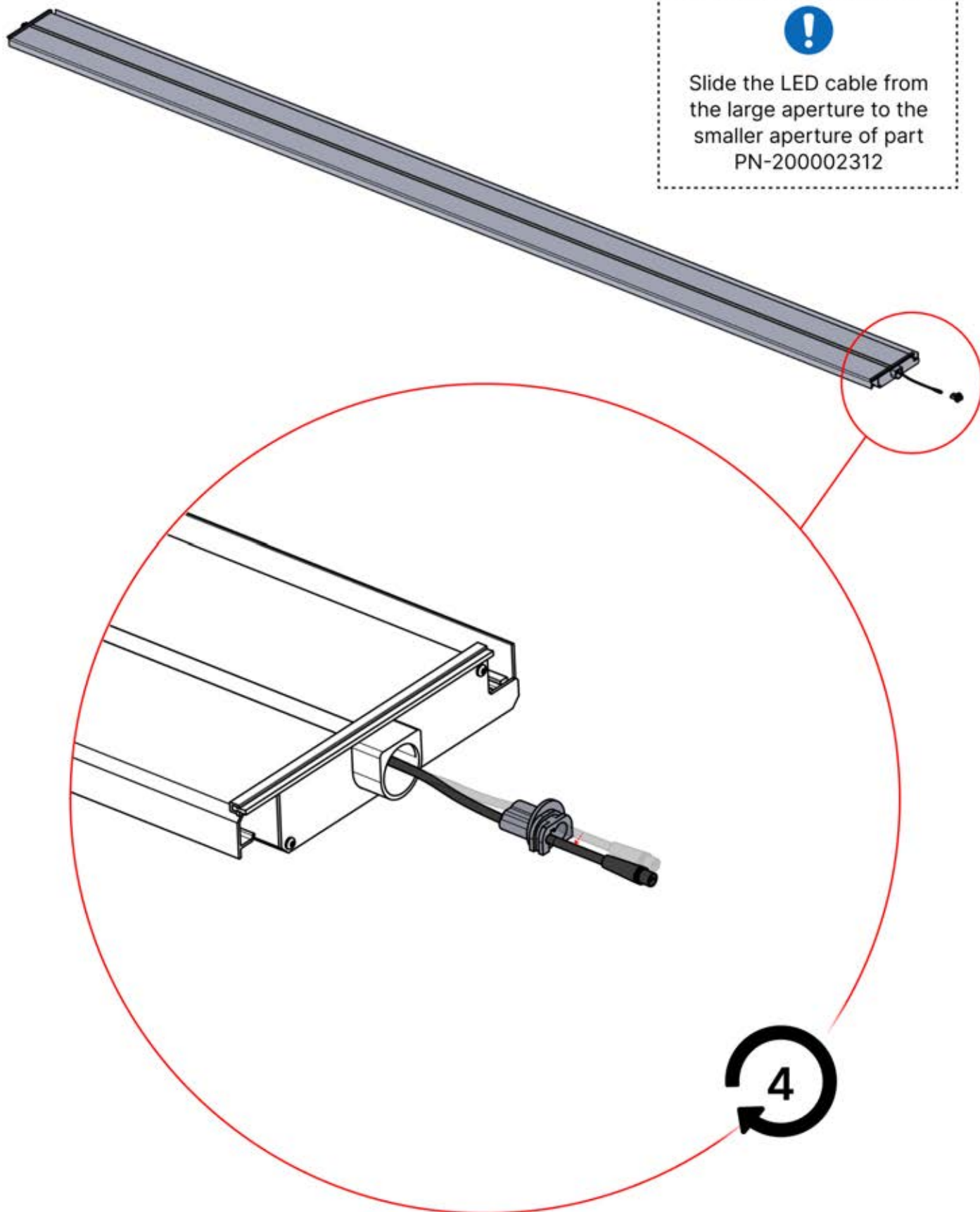


45

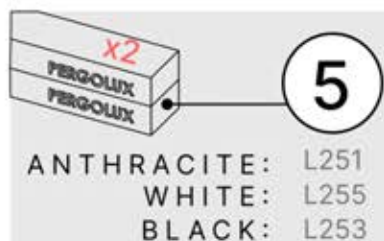


!

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

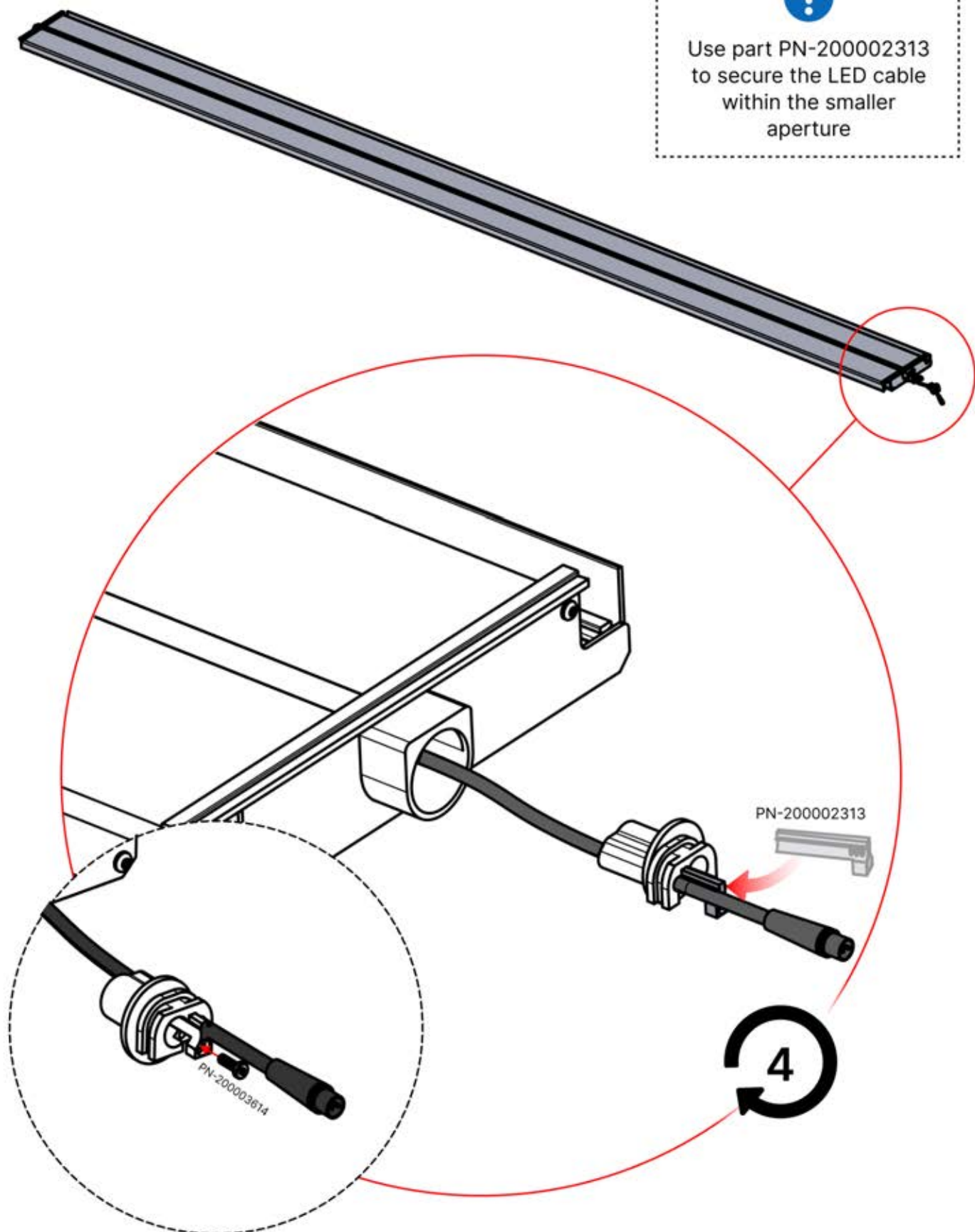


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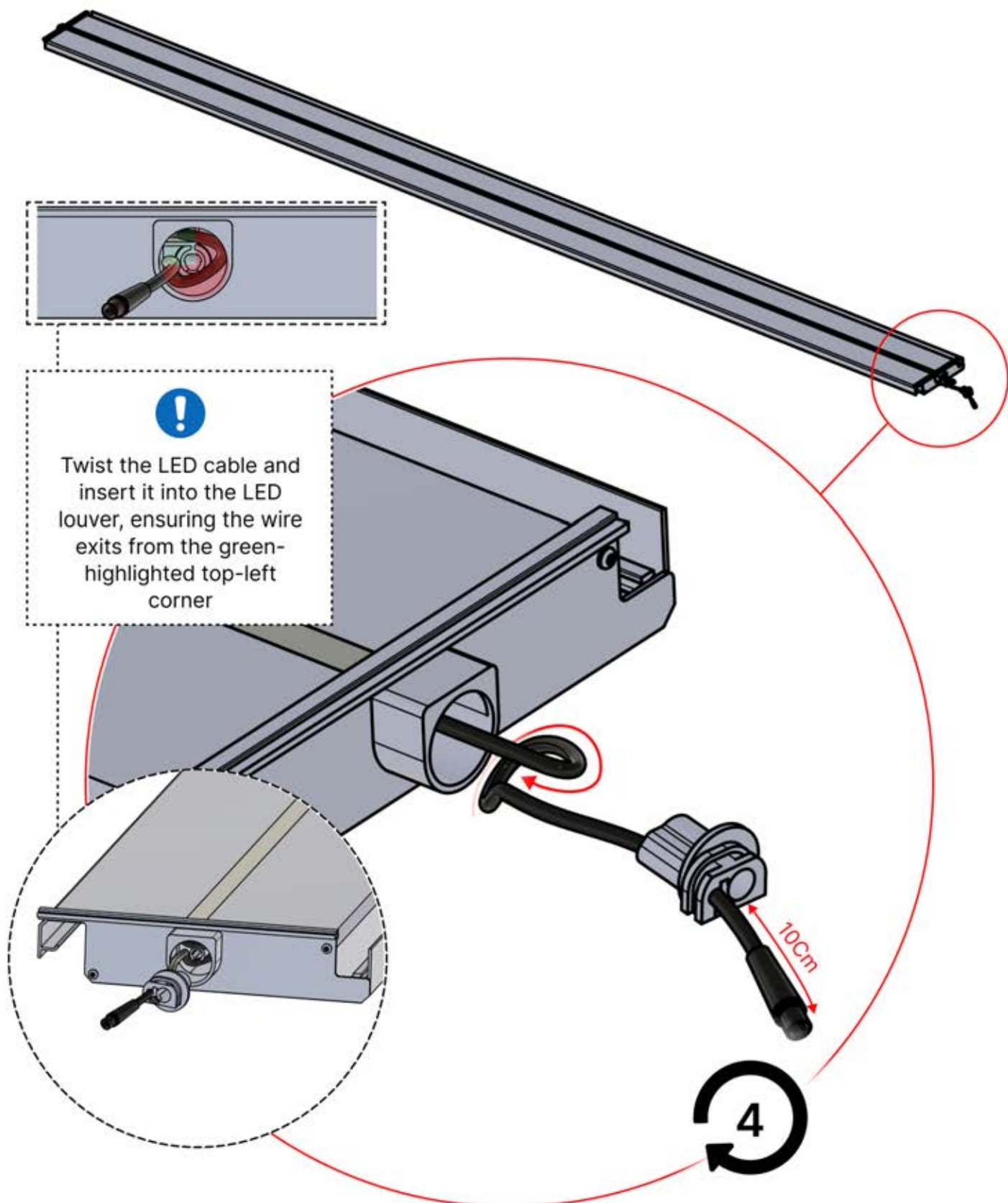
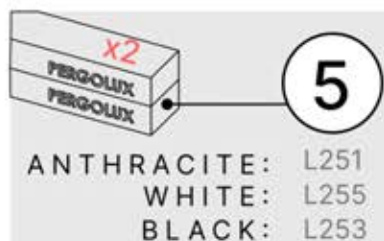


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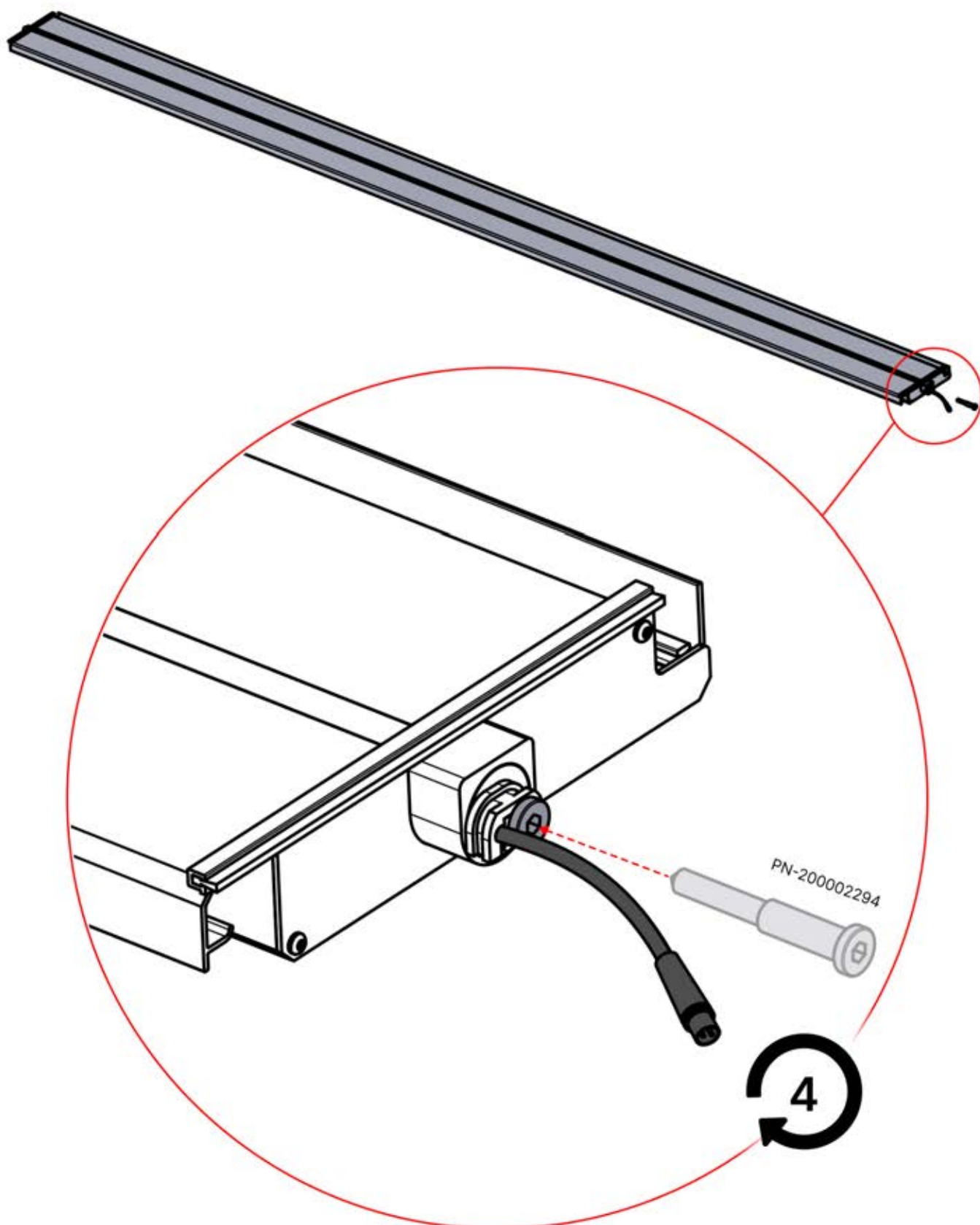
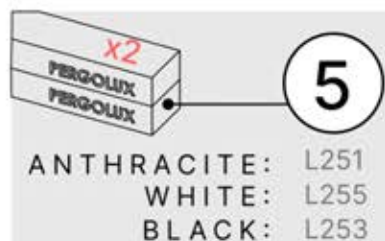
Use part PN-200002313 to secure the LED cable within the smaller aperture



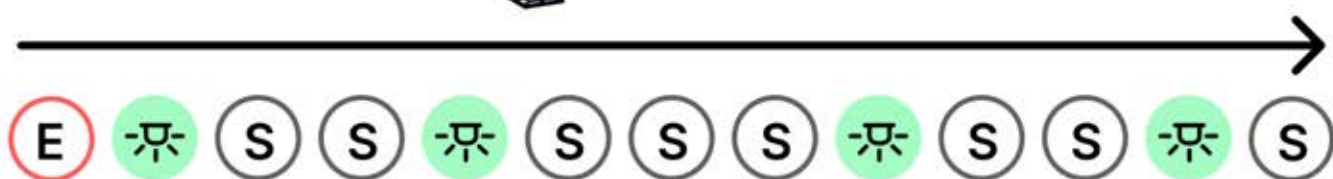
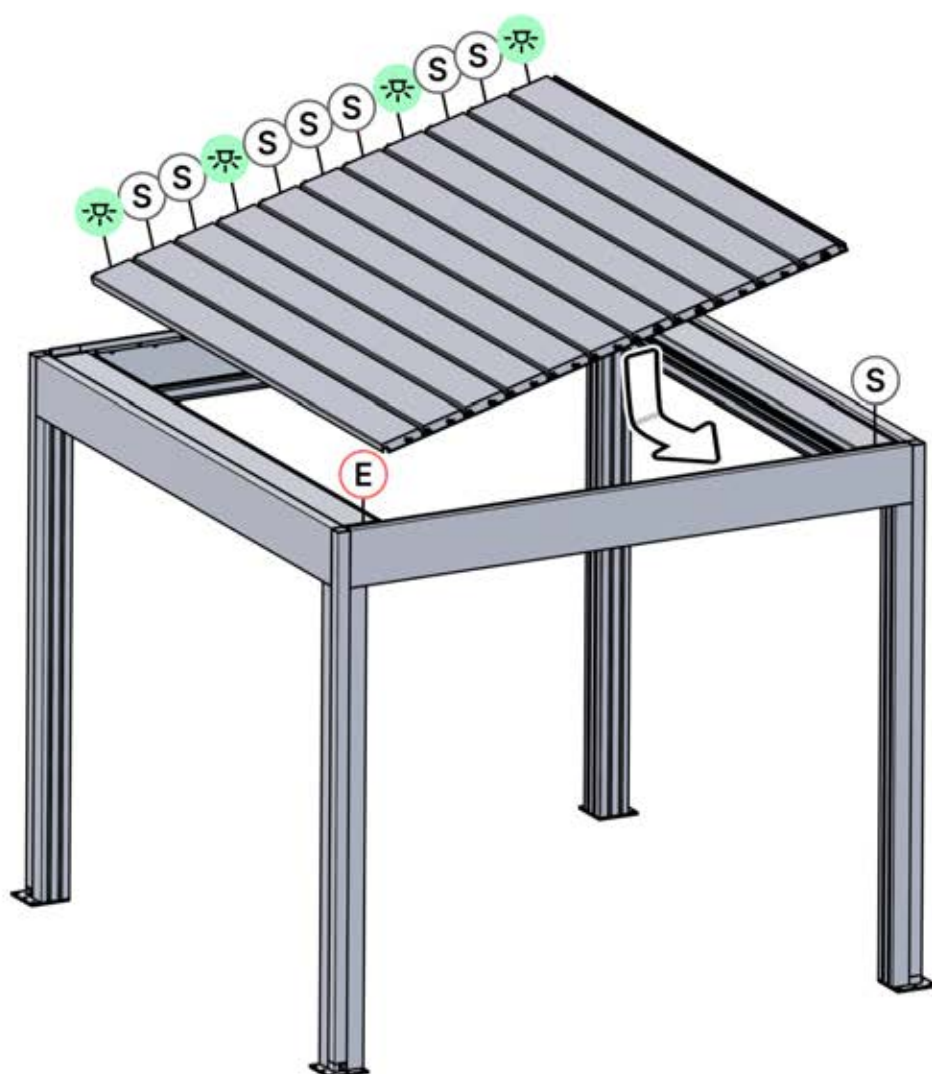
47



48



49



50



4

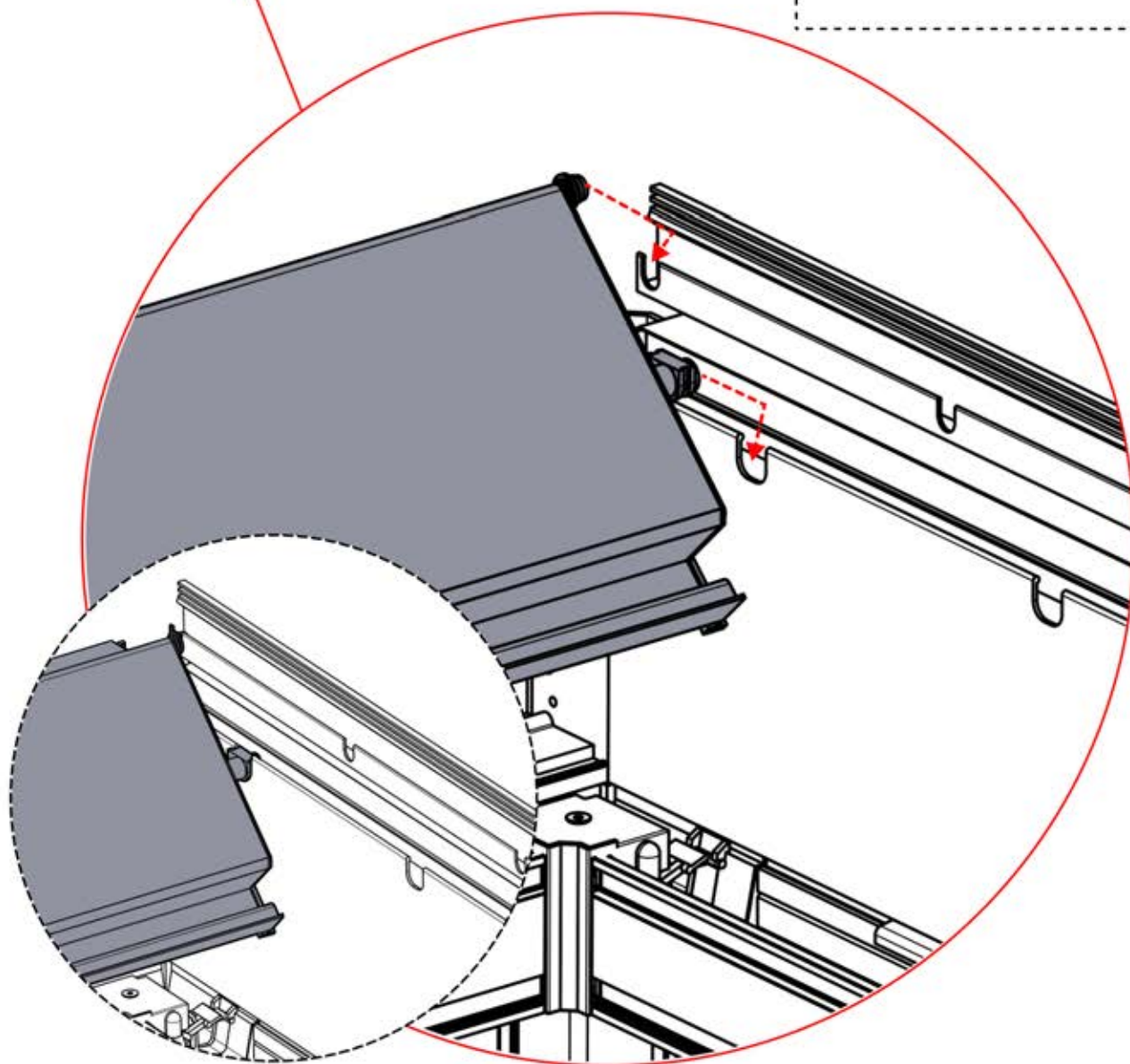
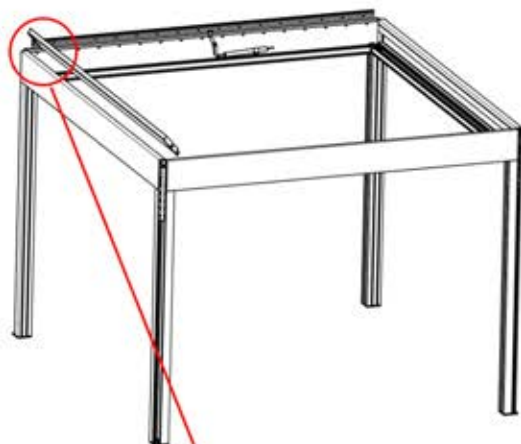
ANTHRACITE: L263
WHITE: L267
BLACK: L265

E



PN-200003534

1x



51



4

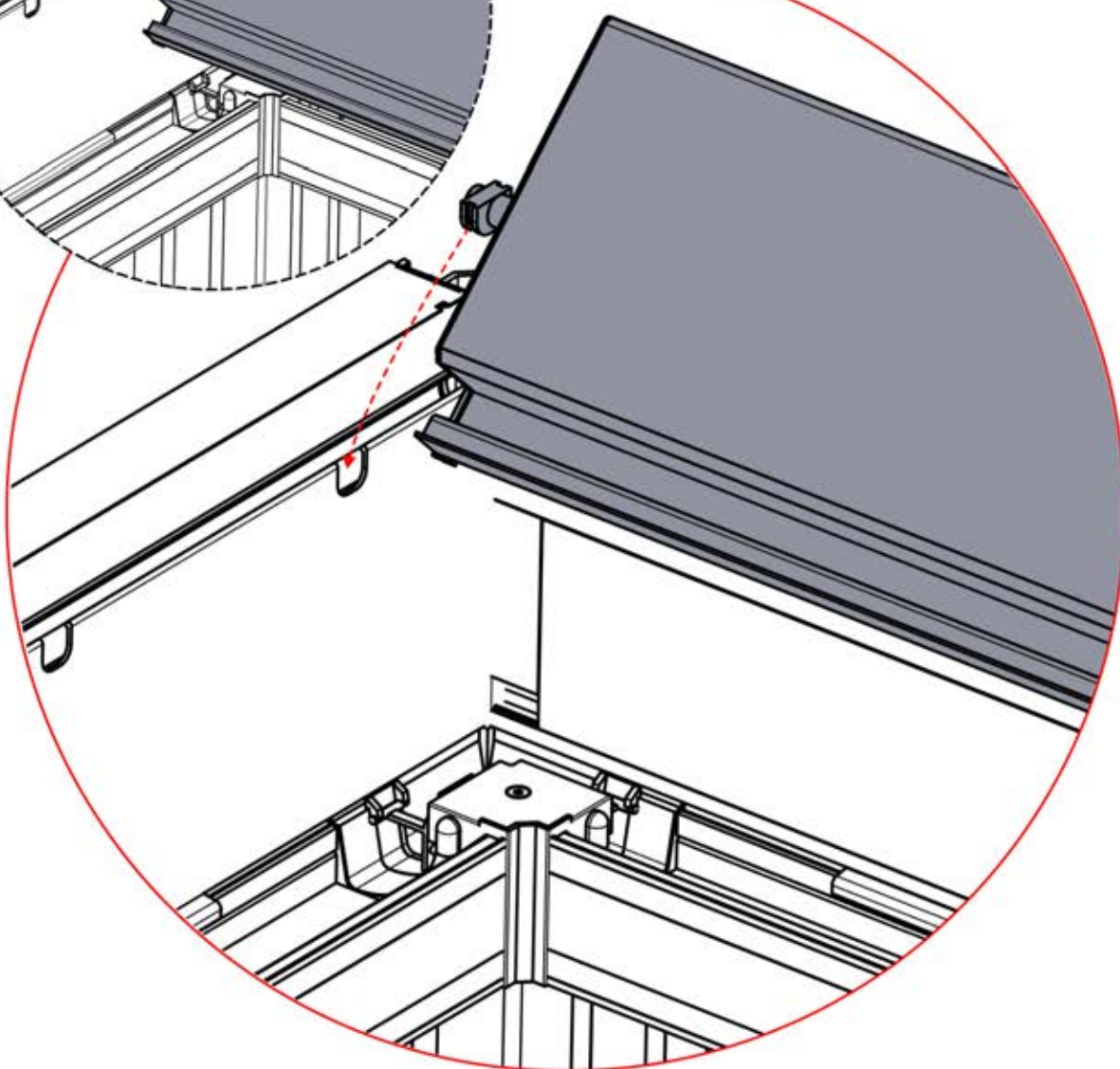
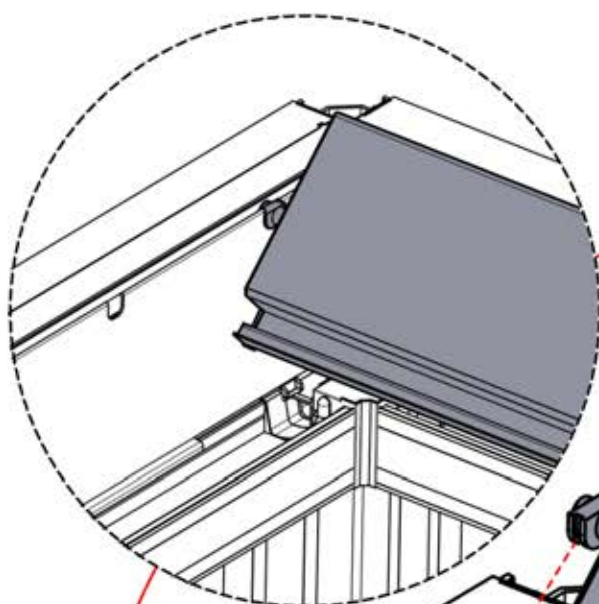
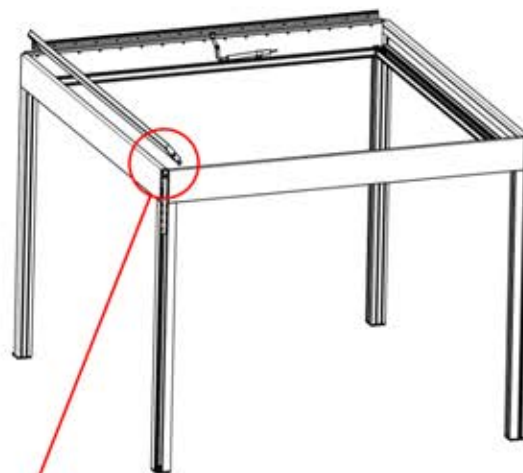
ANTHRACITE: L263
WHITE: L267
BLACK: L265

E

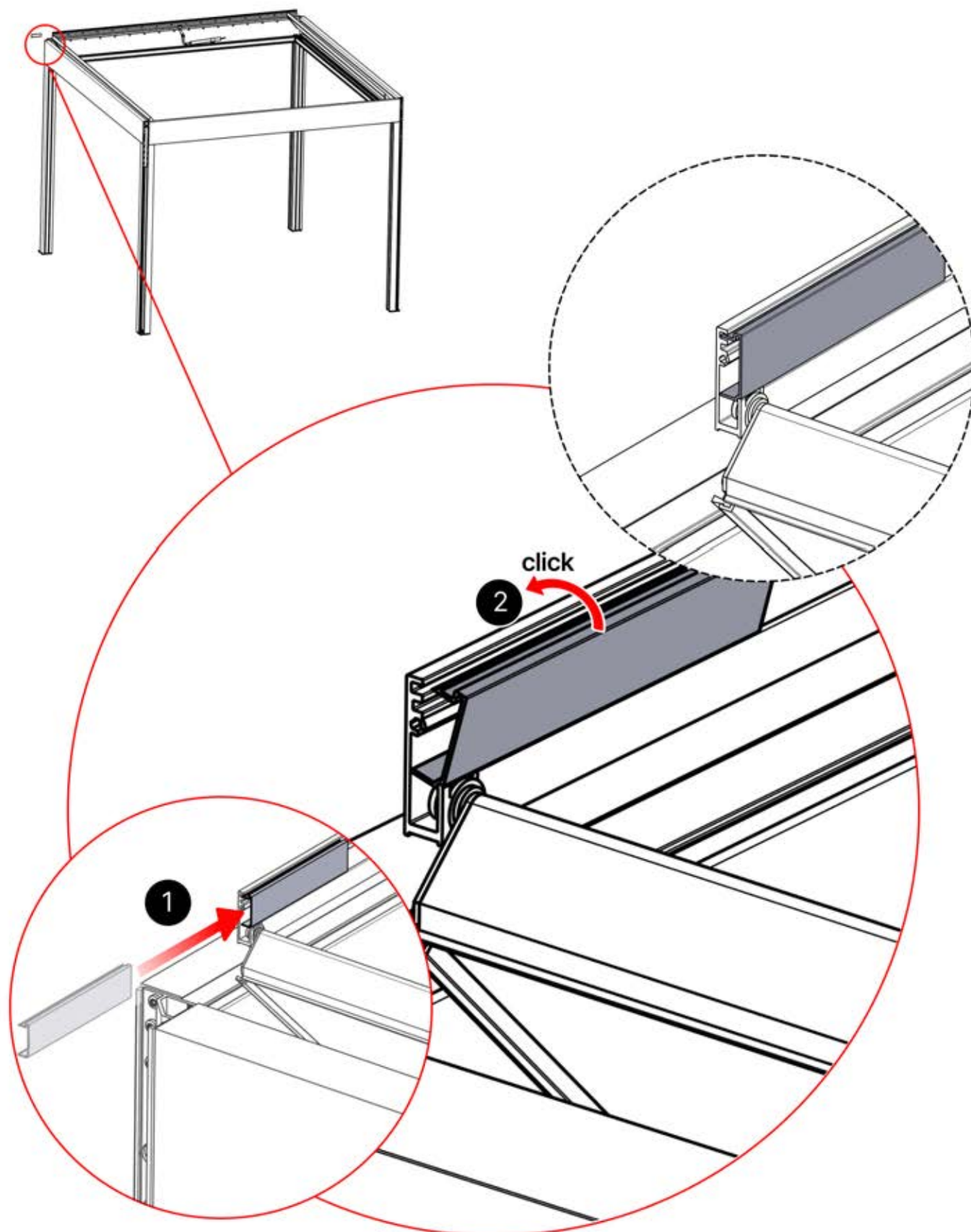
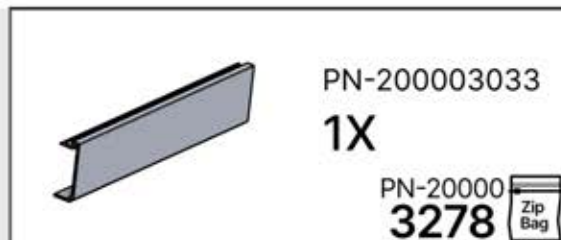
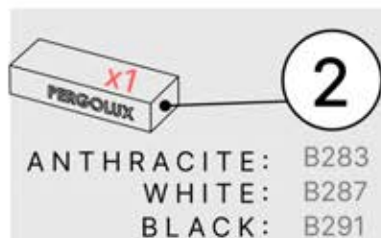


PN-200003534

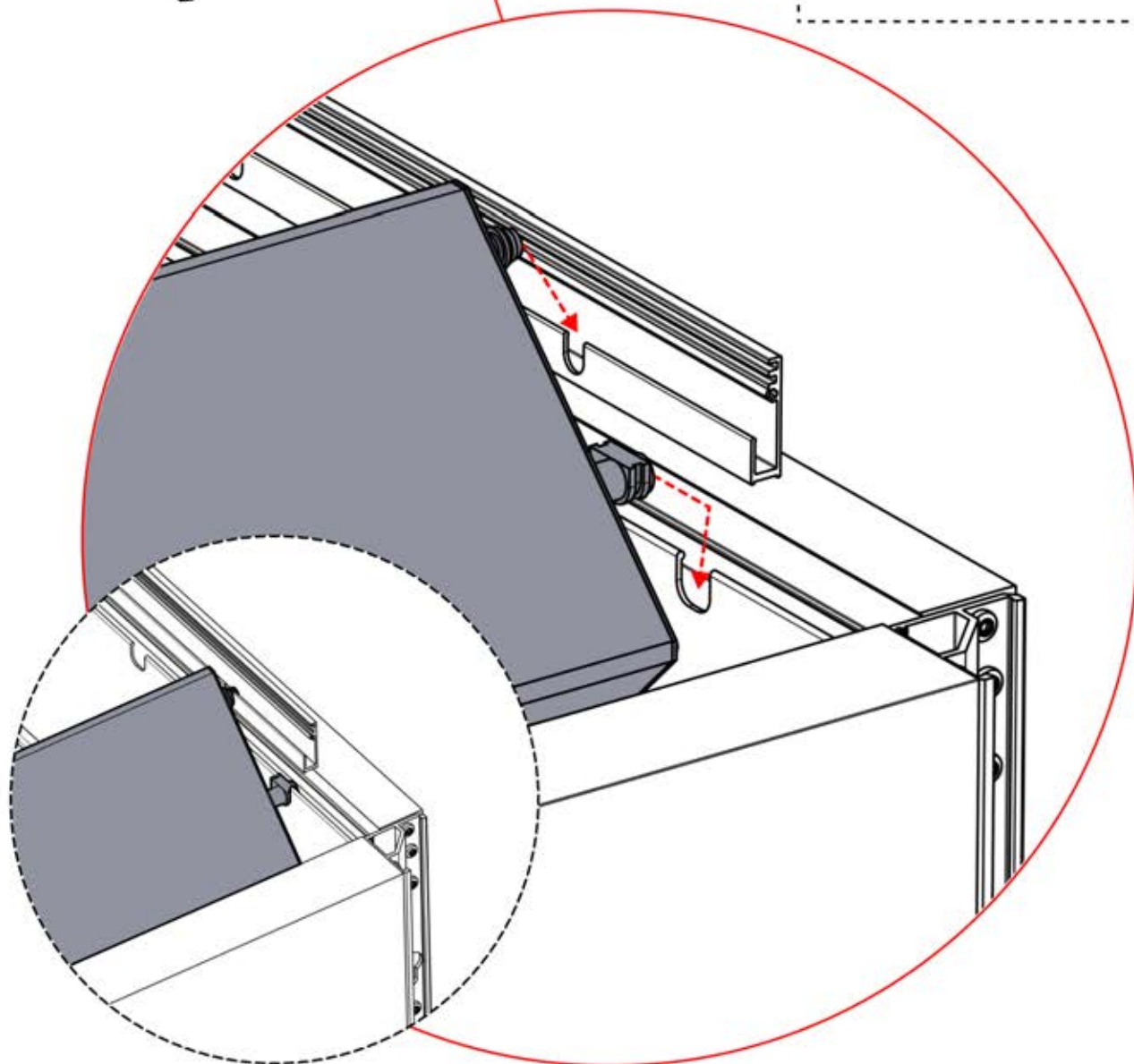
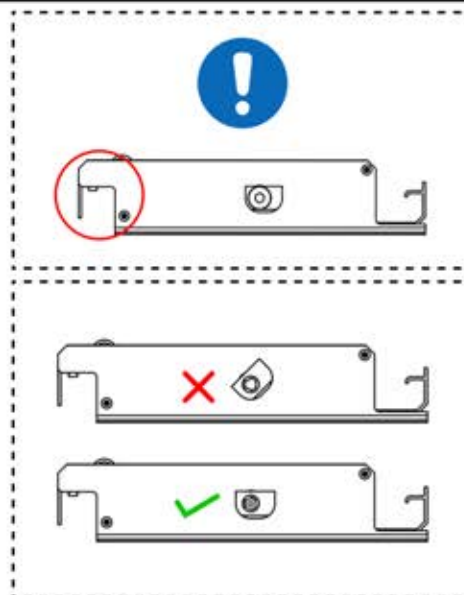
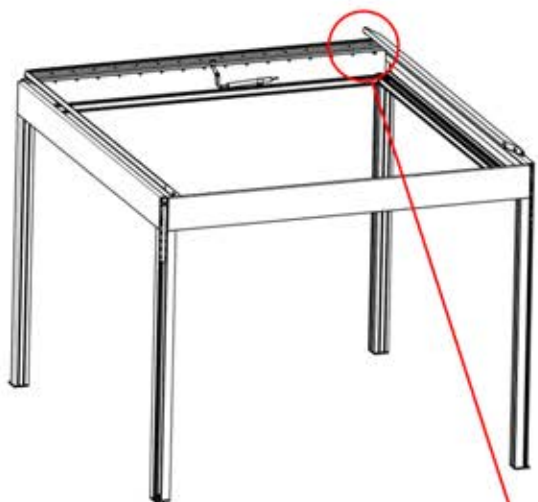
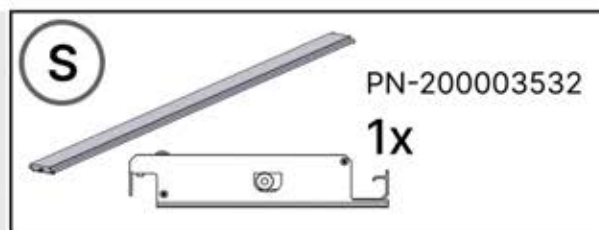
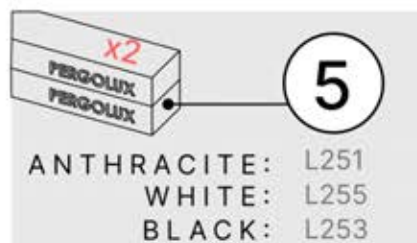
1x



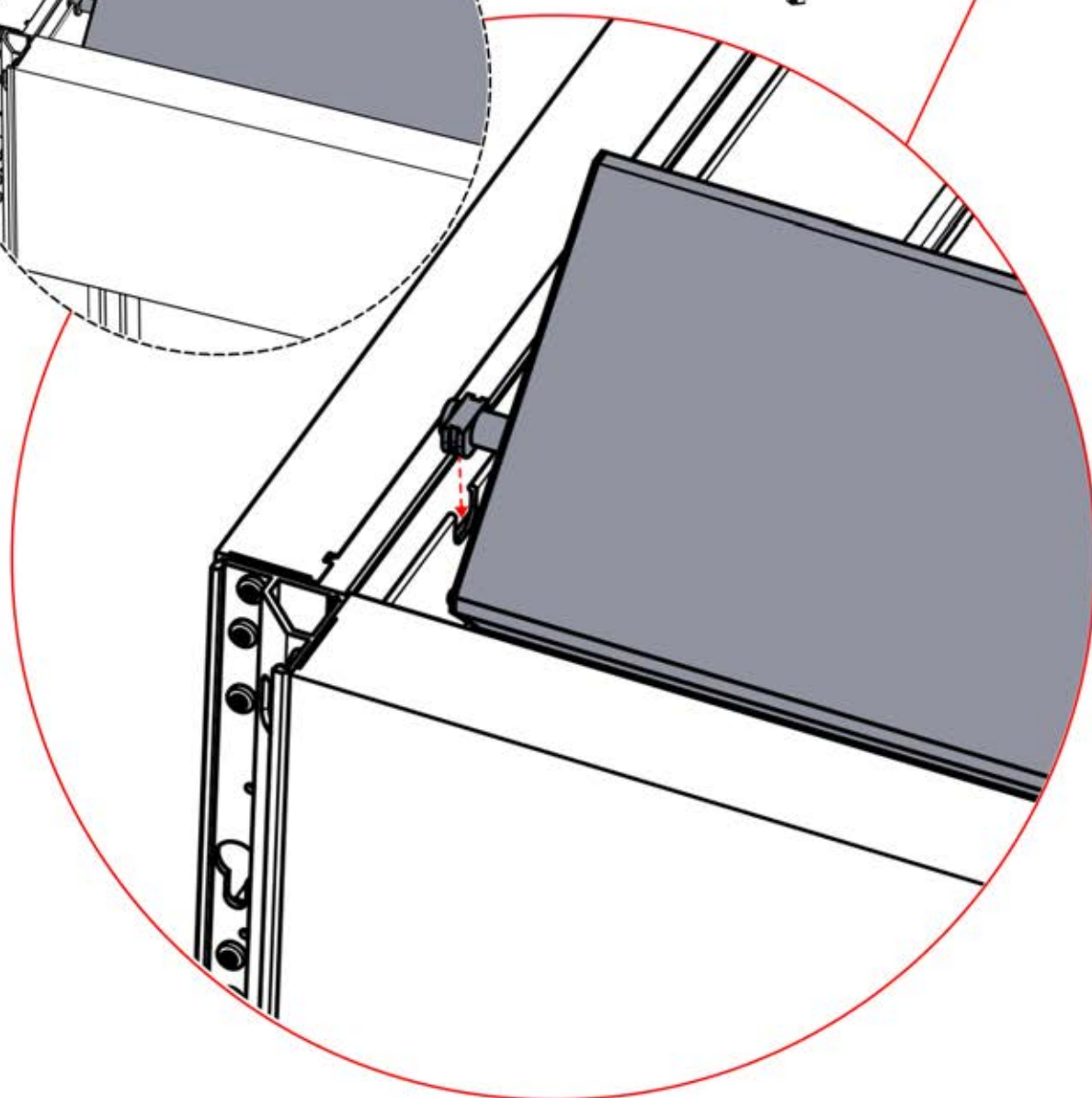
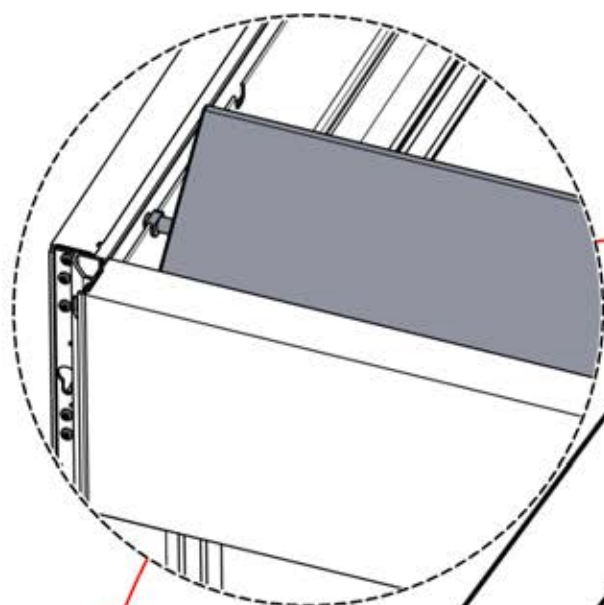
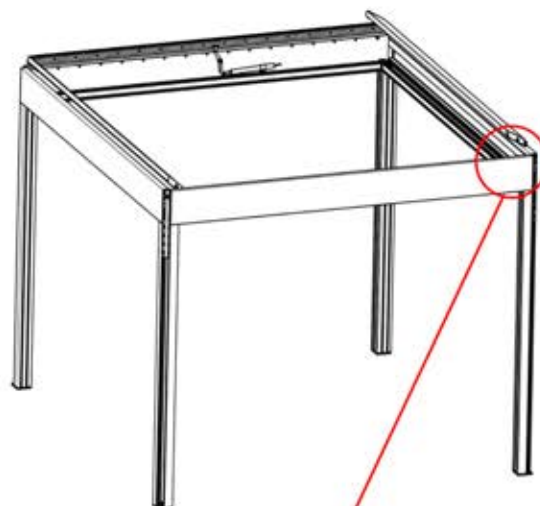
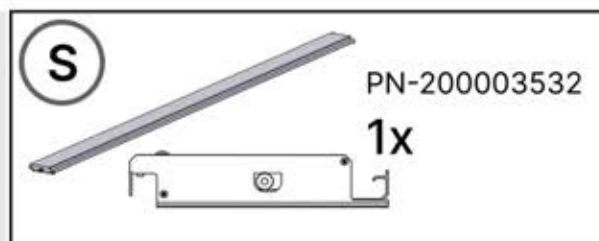
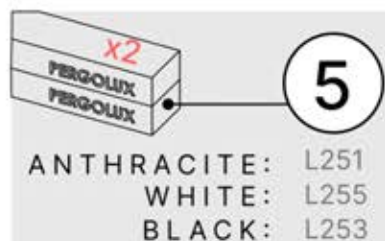
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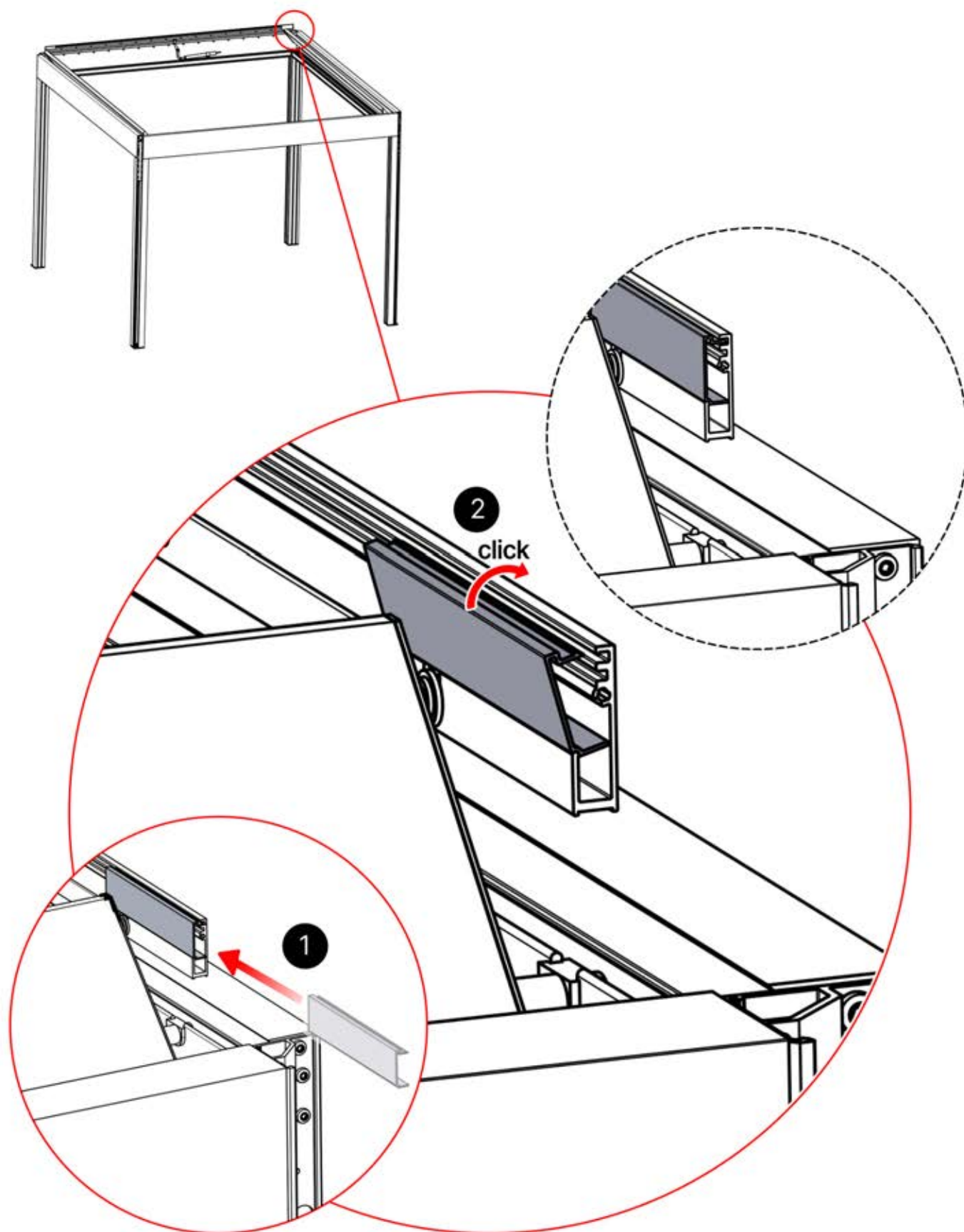
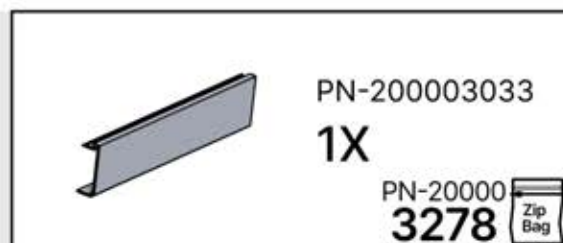
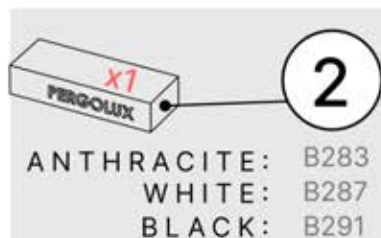
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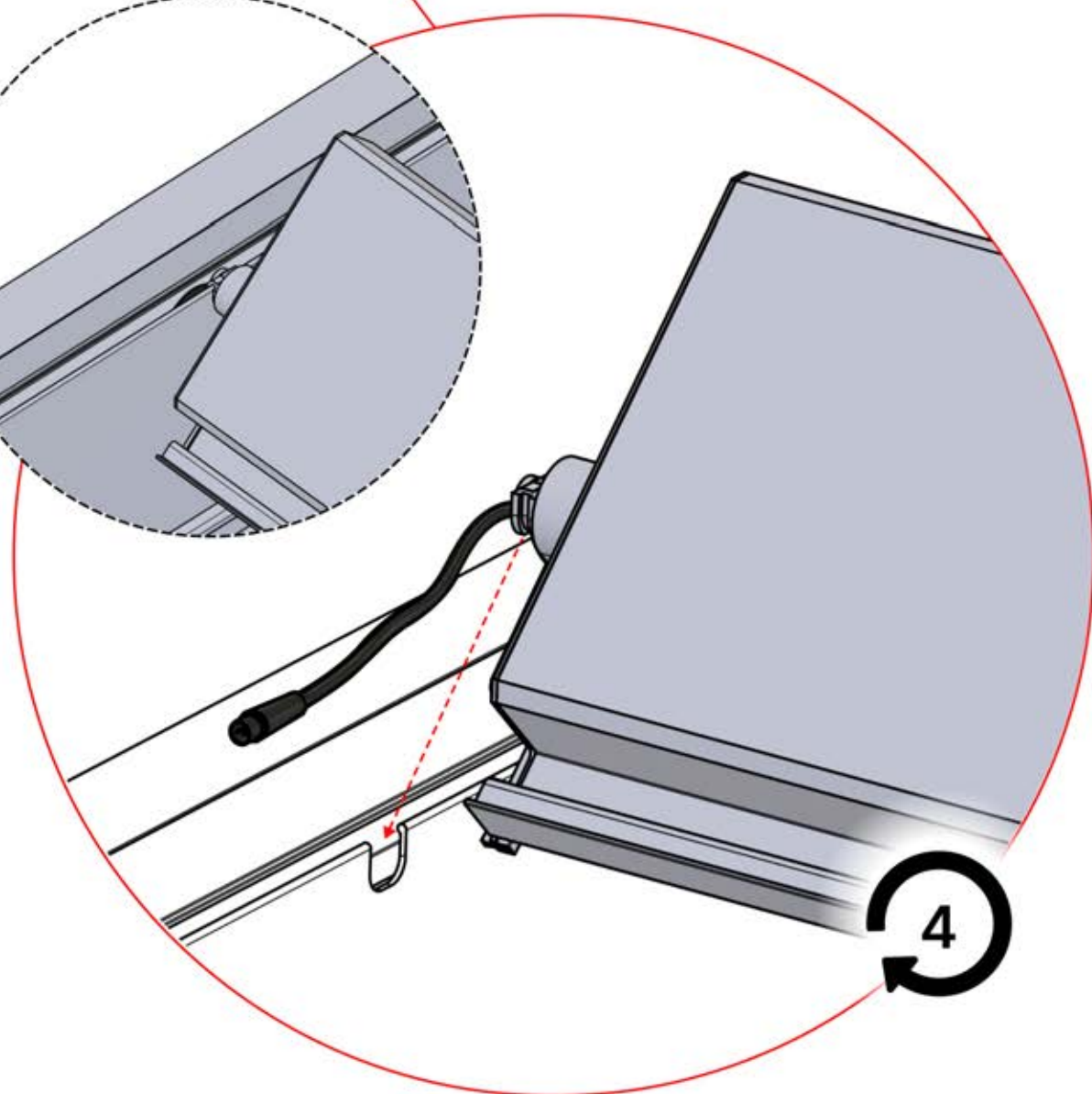
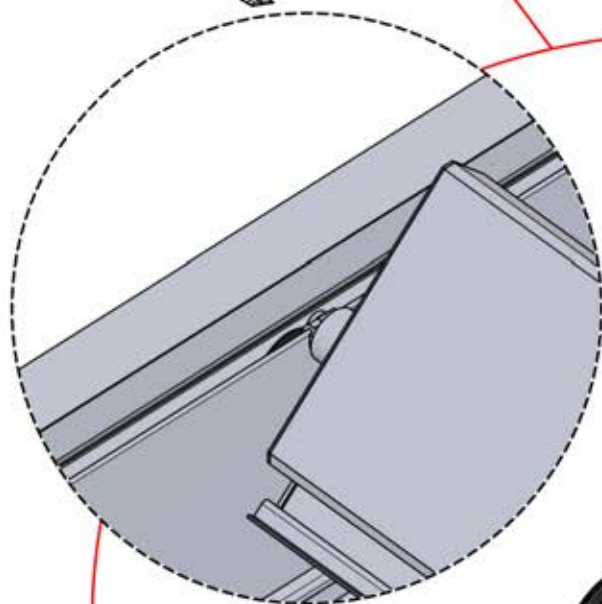
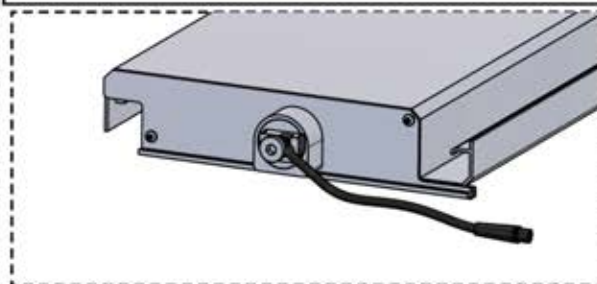
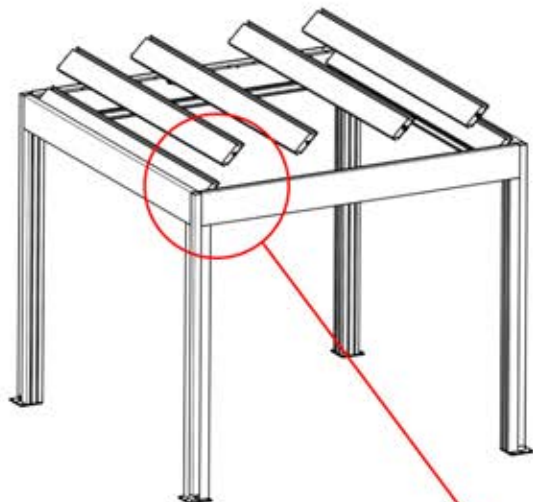
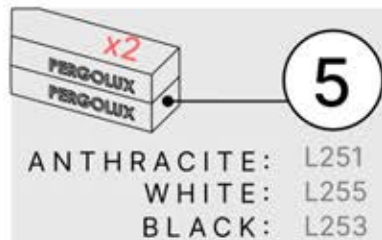
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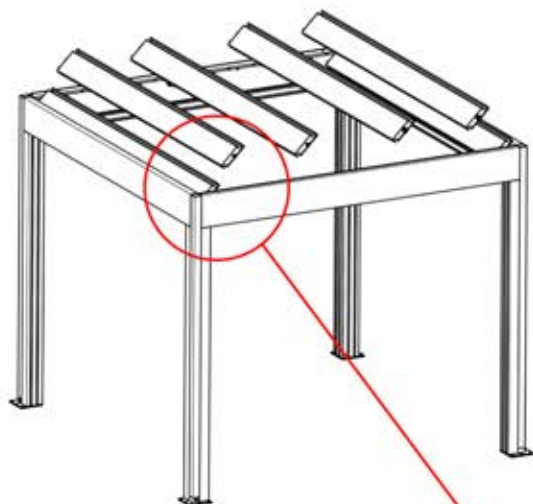


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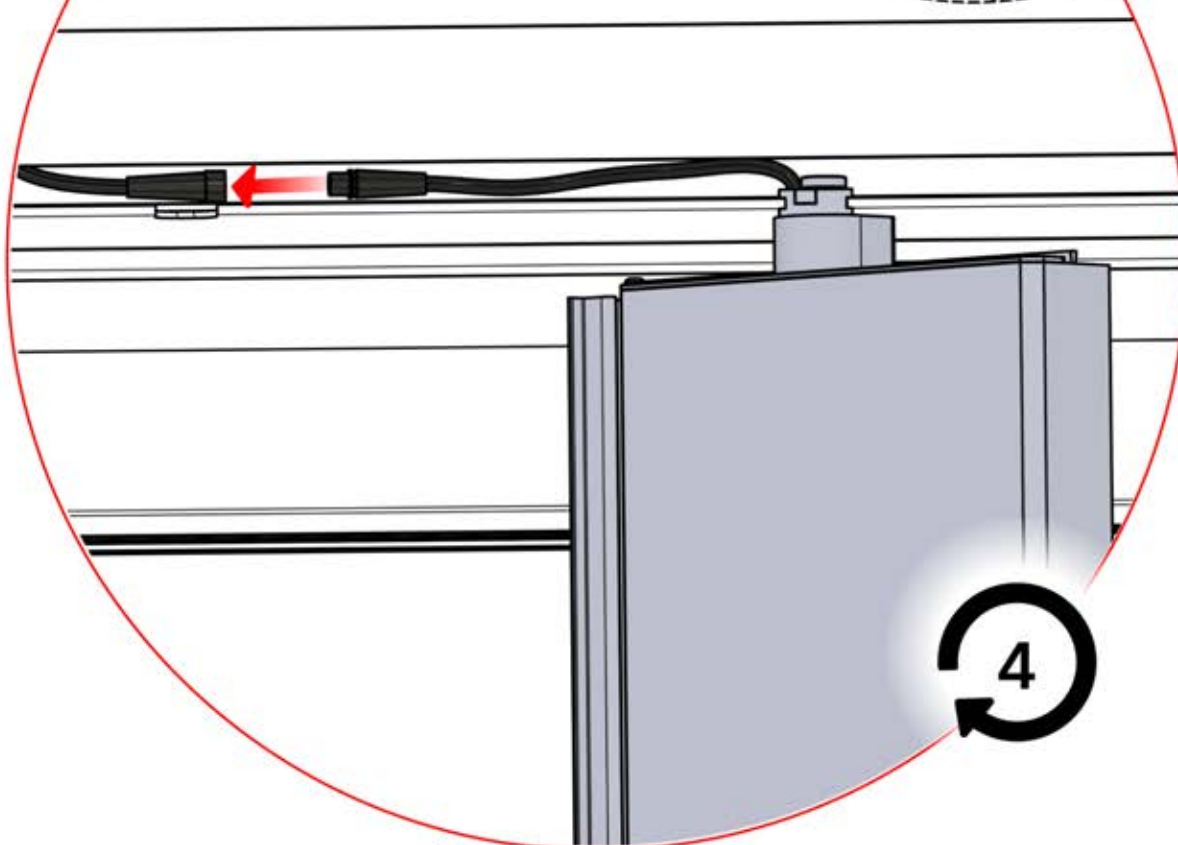
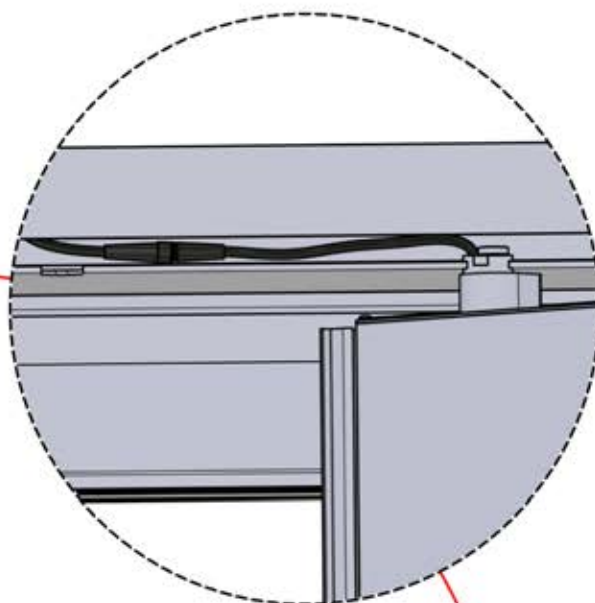


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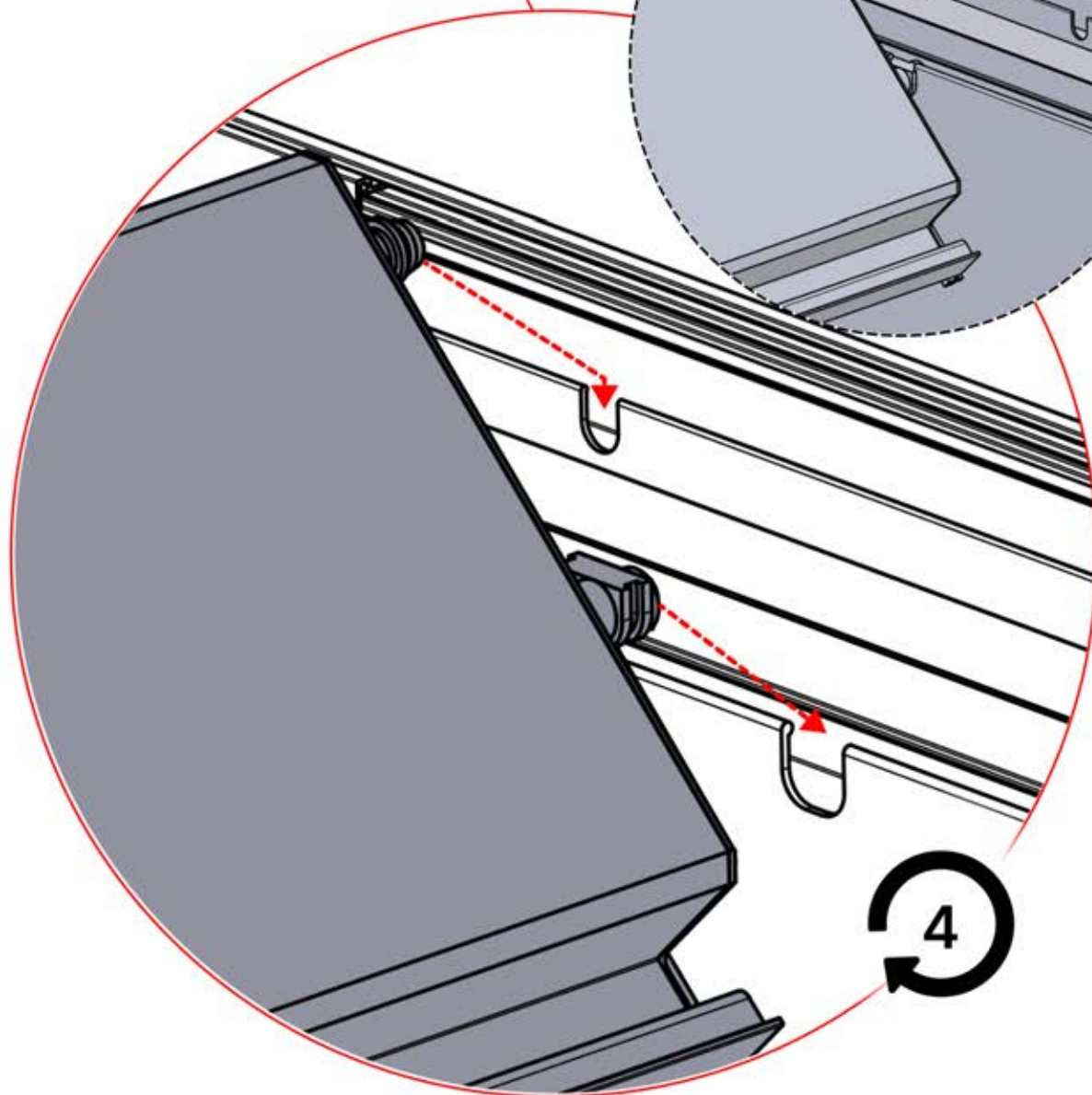
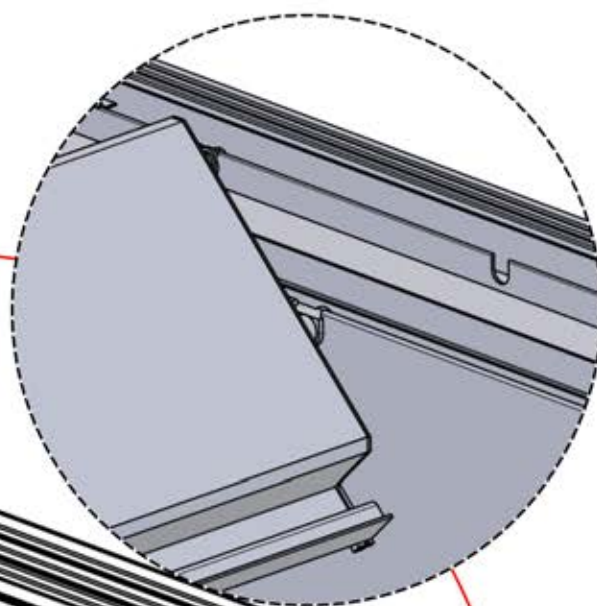
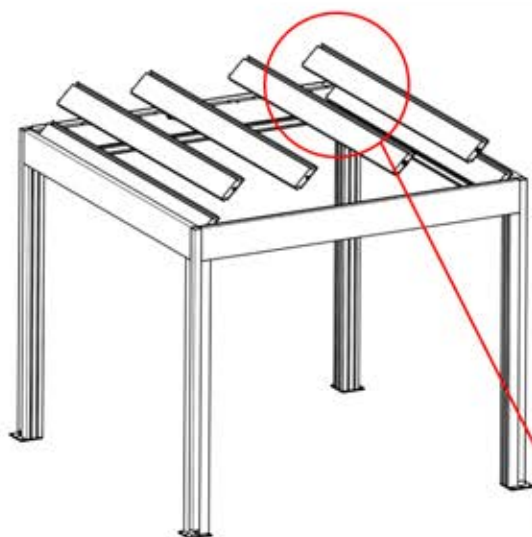
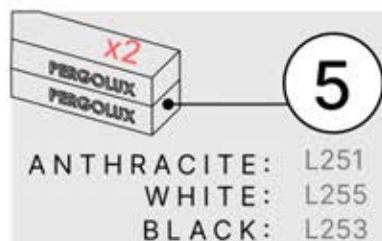




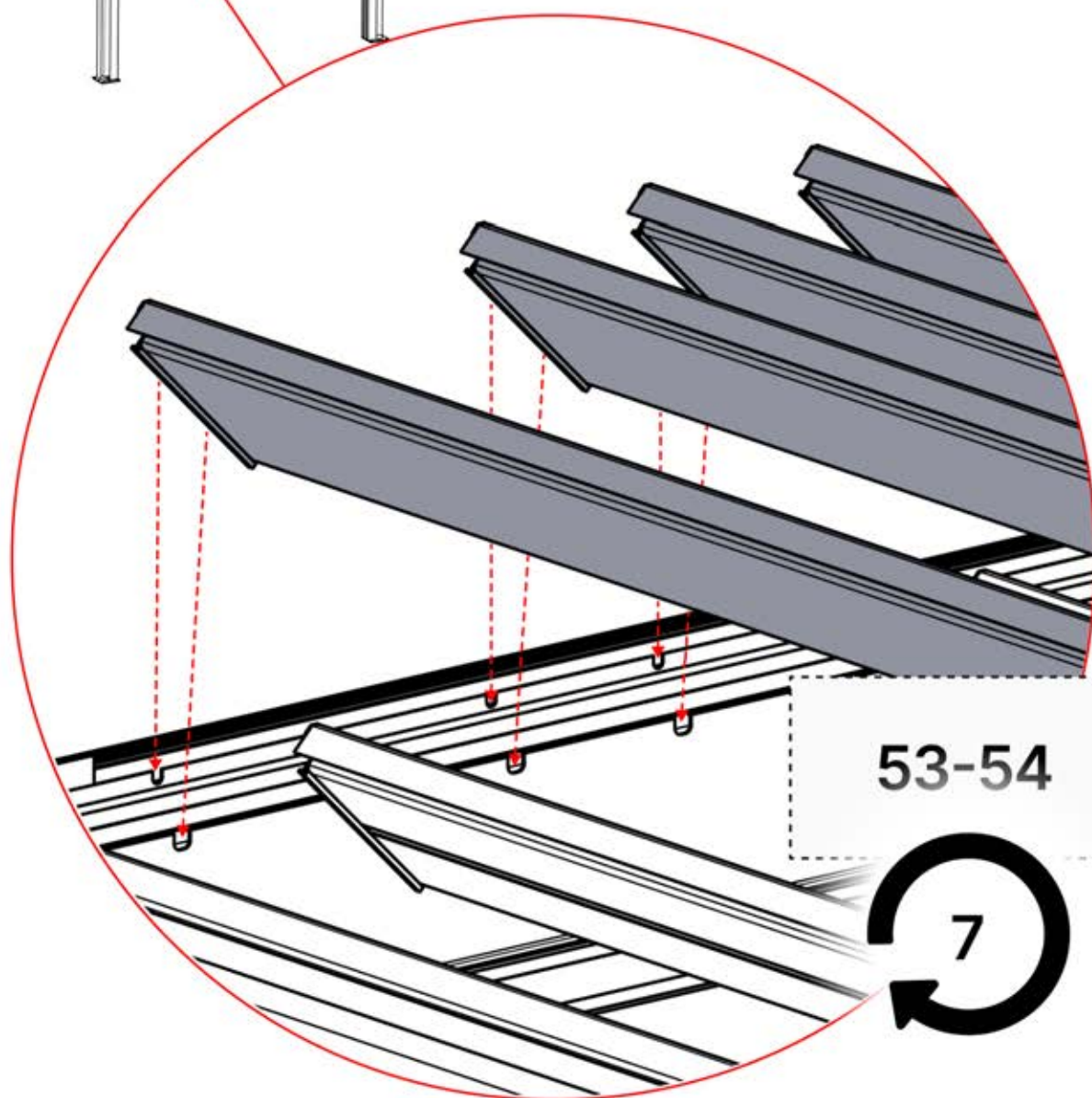
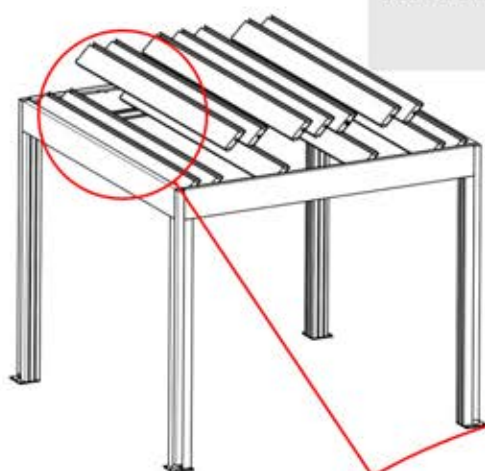
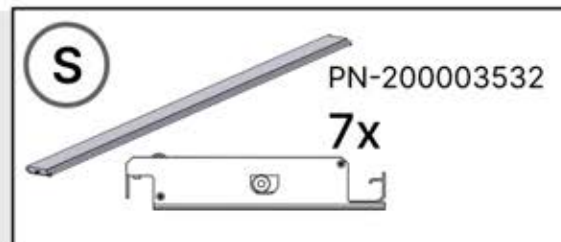
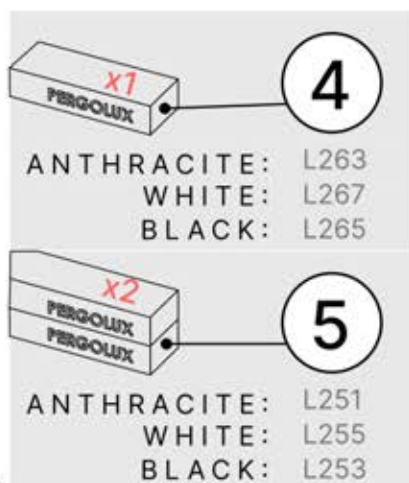
!
Connect the LED
cable to the 4-pin LED
wire



58



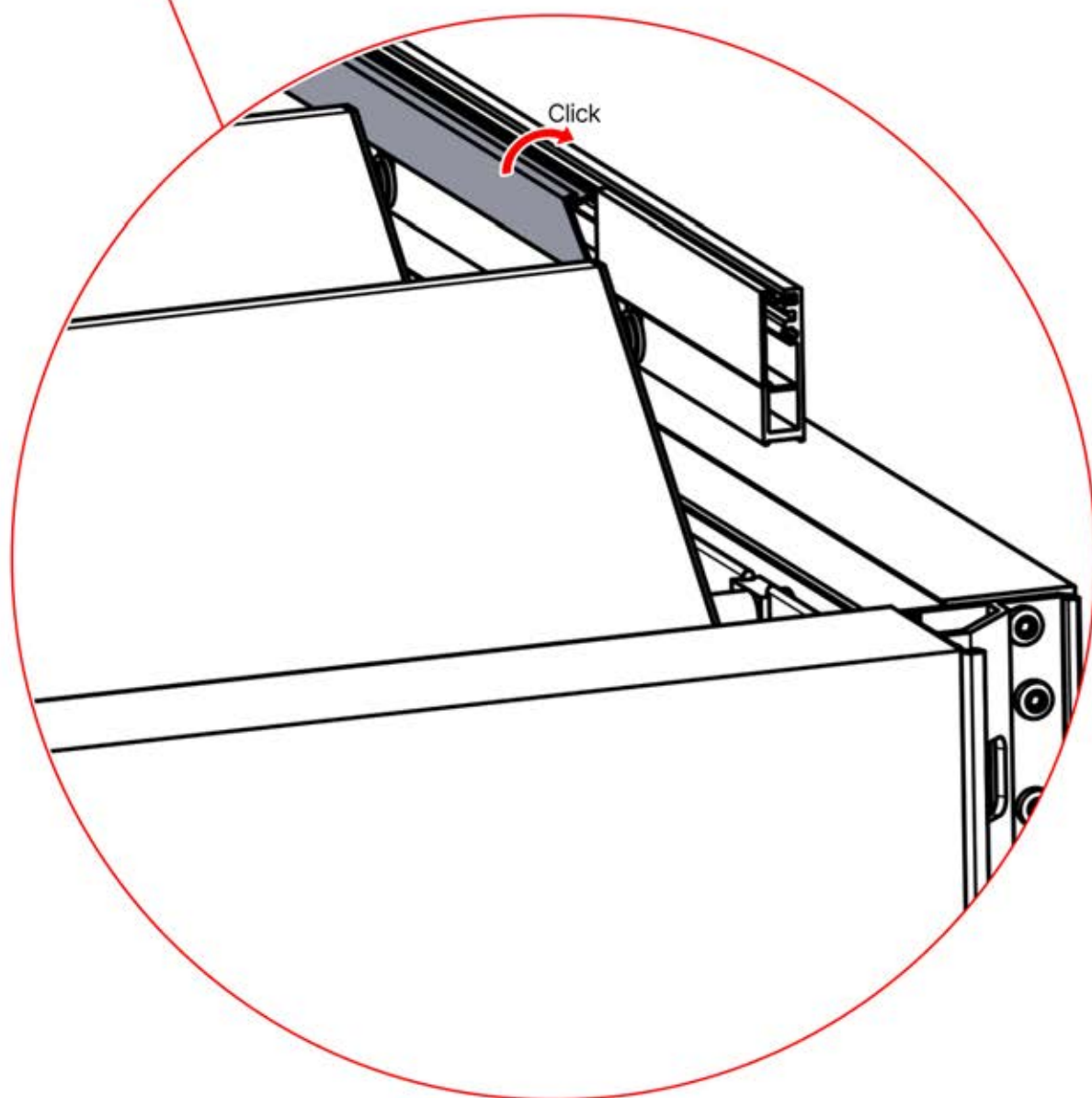
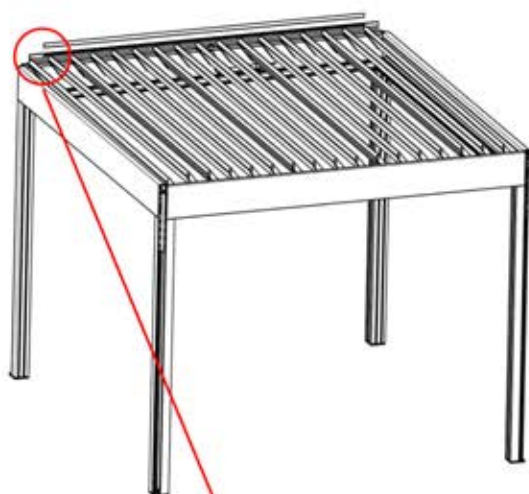
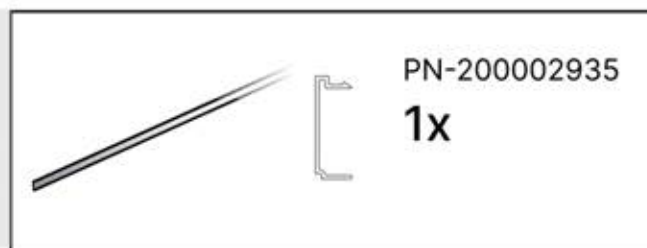
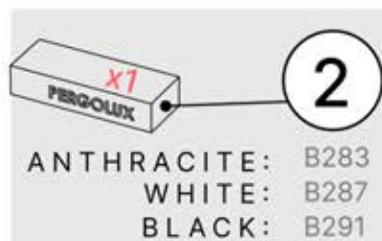
59



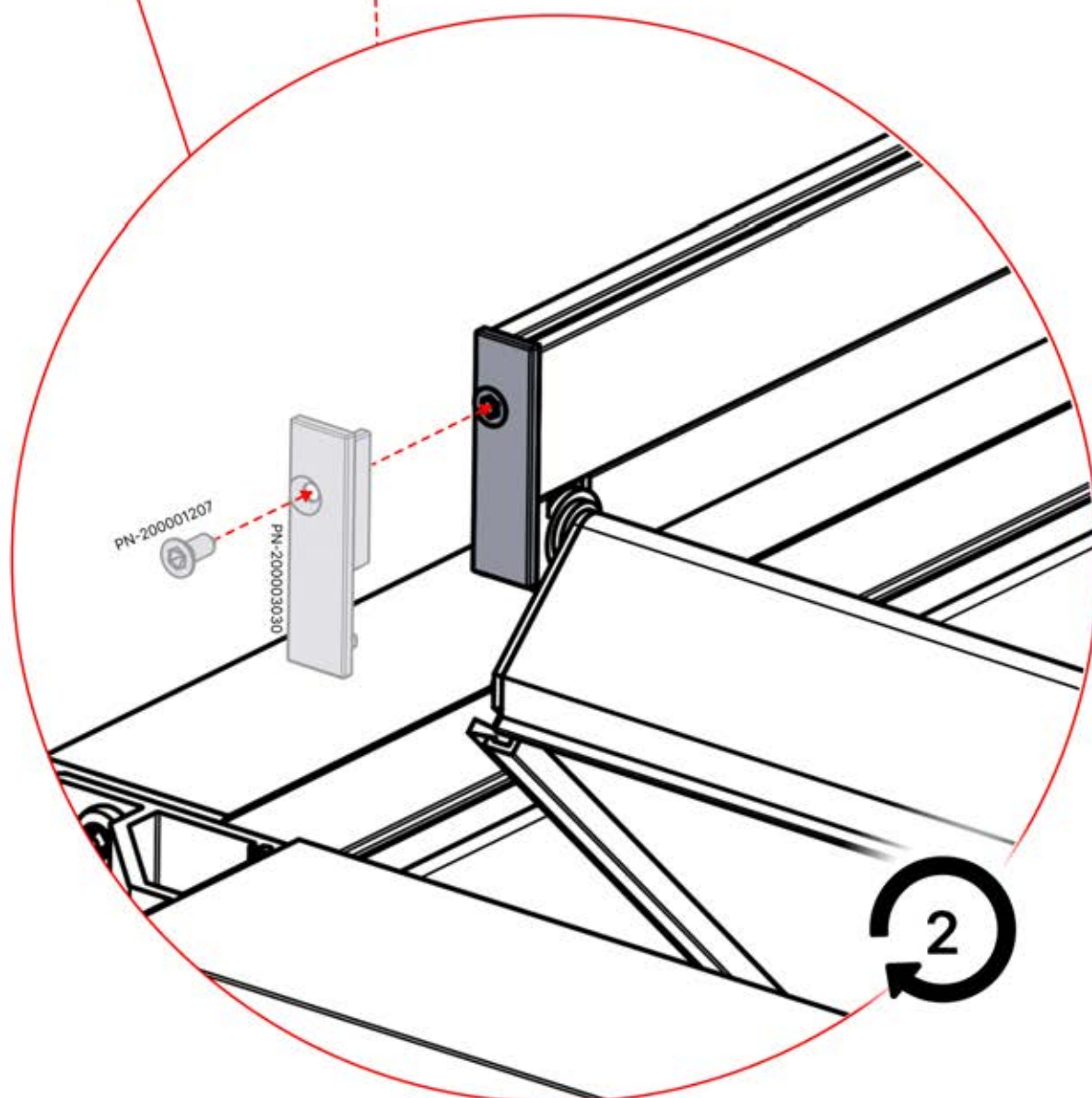
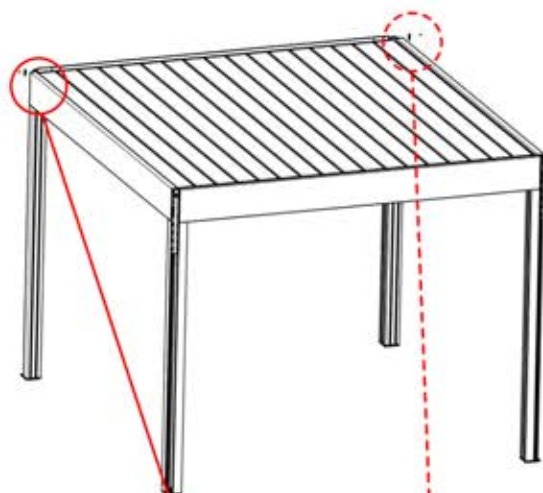
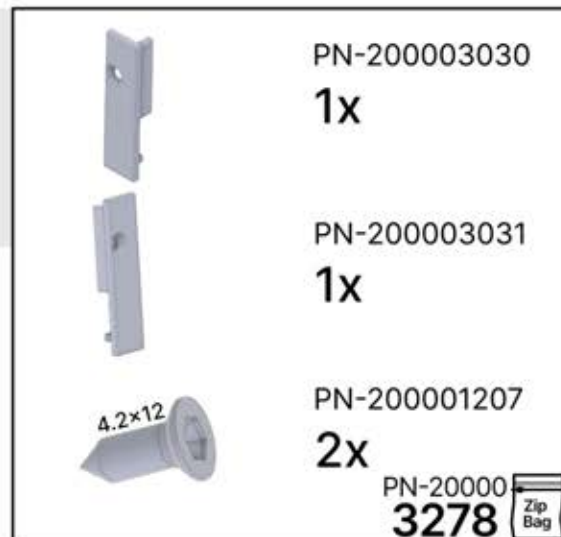
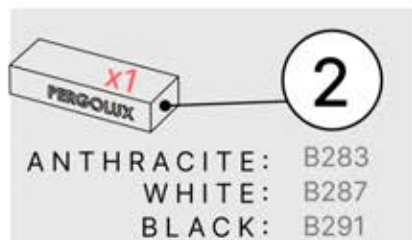
53-54



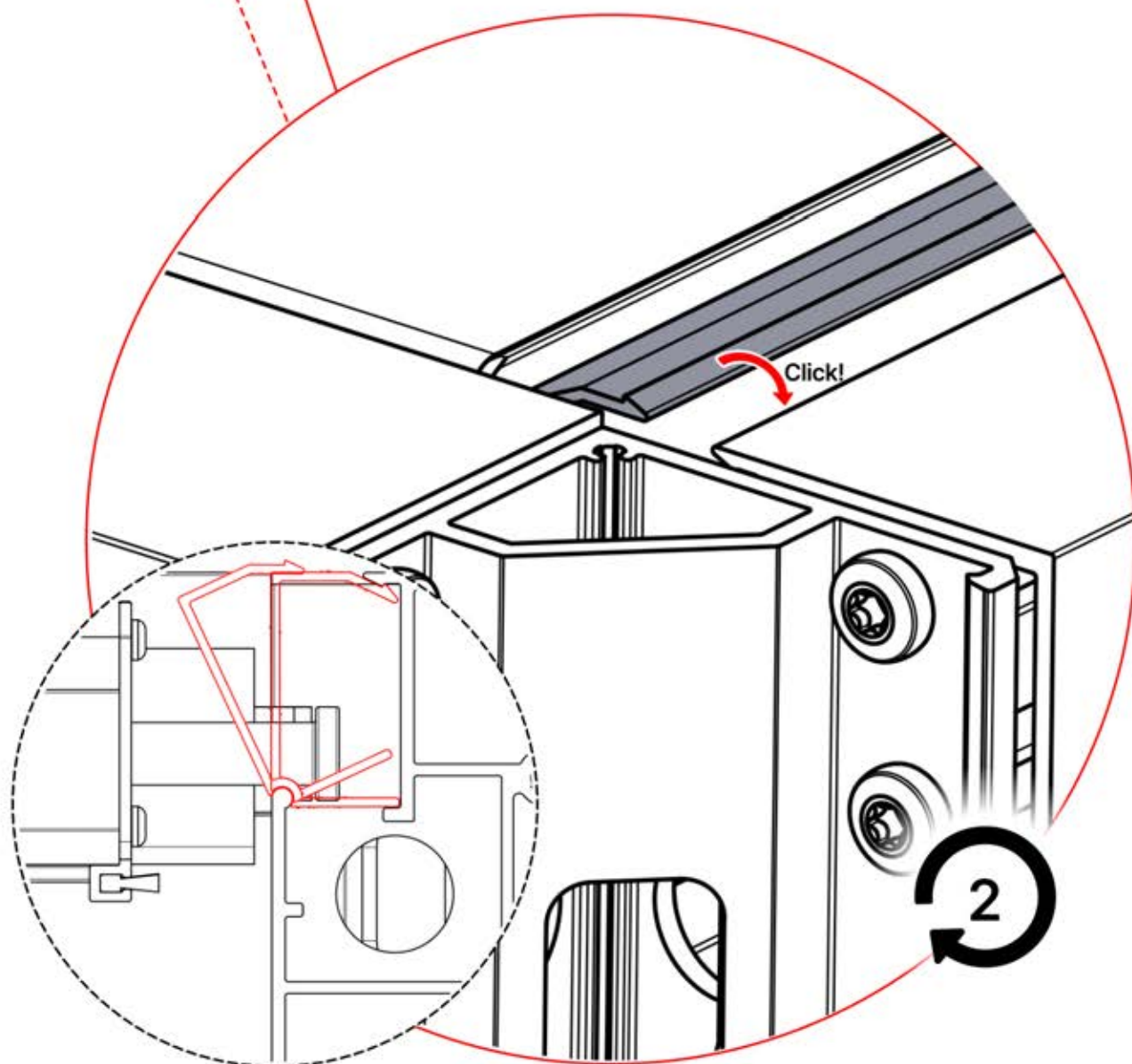
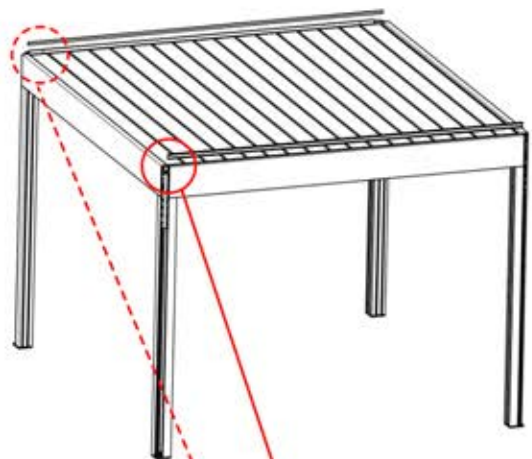
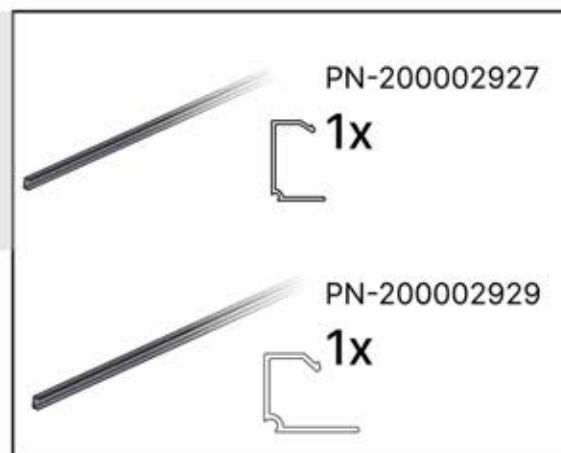
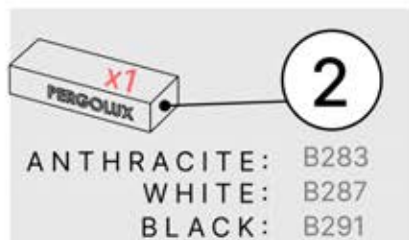
60



61



62

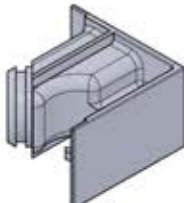


INFORMATION

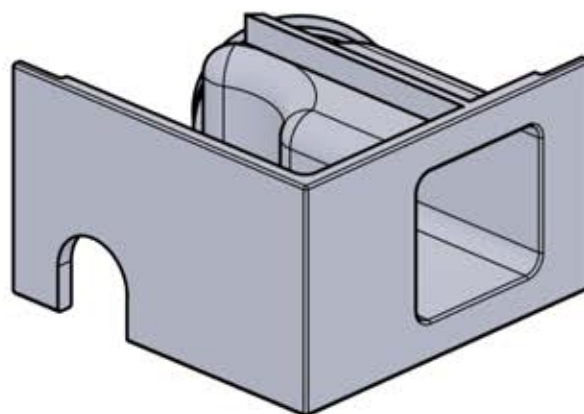
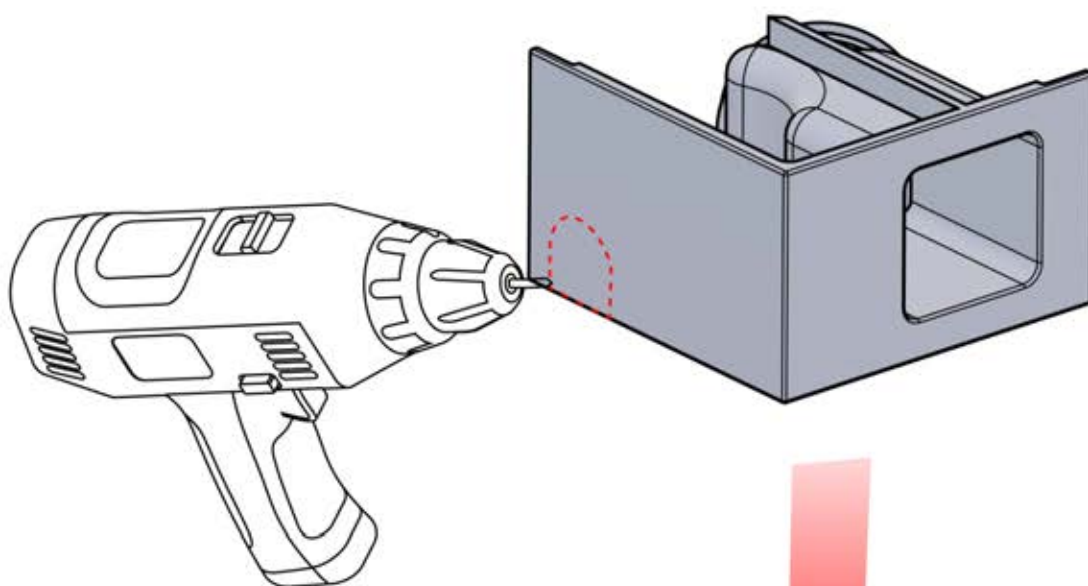


ANTHRACITE: B283
WHITE: B287
BLACK: B291

2

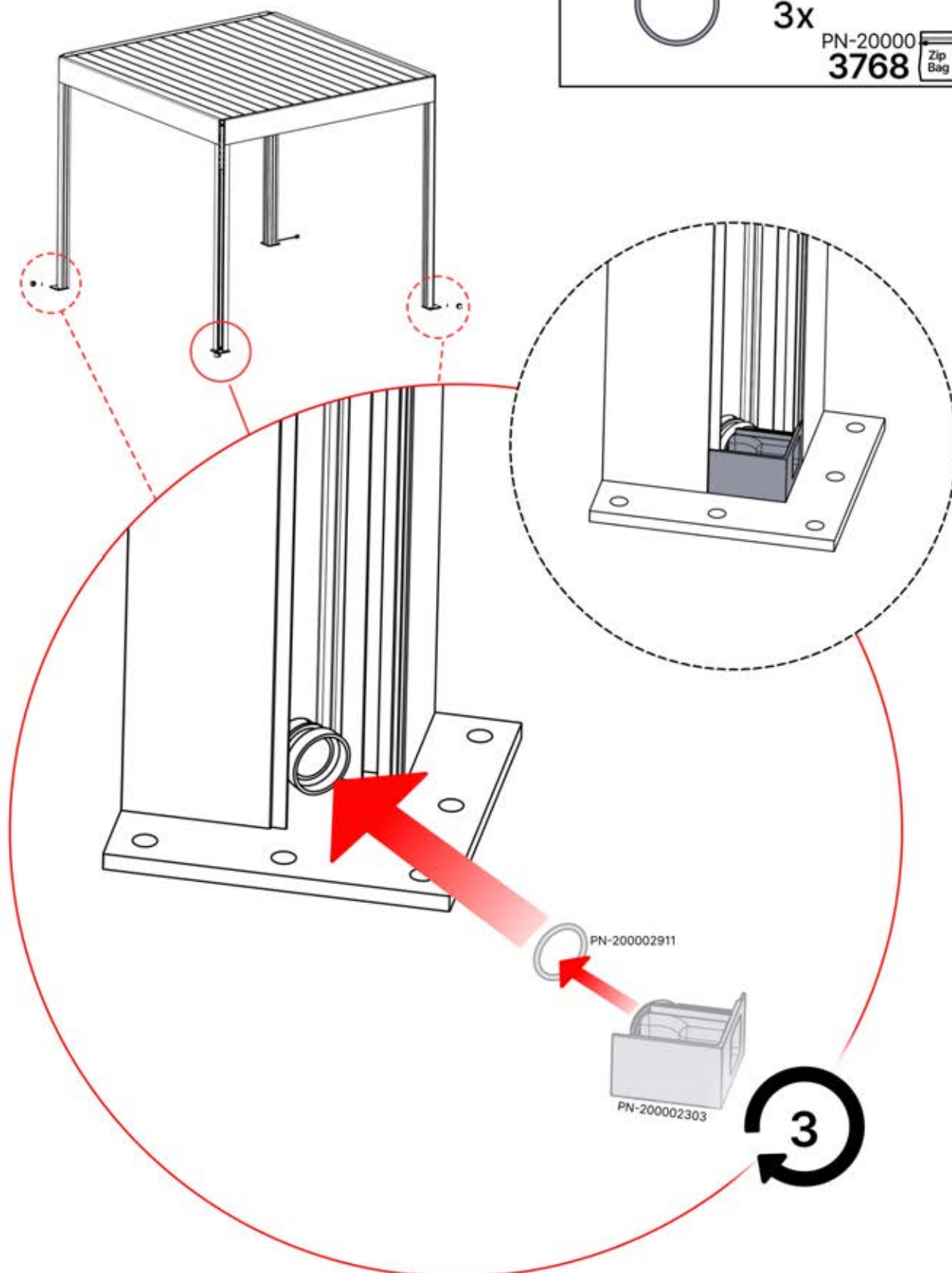
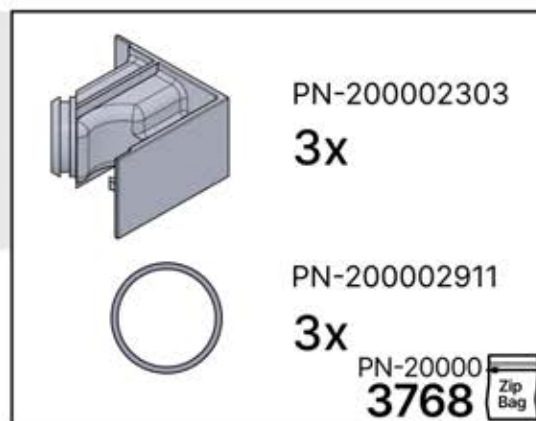
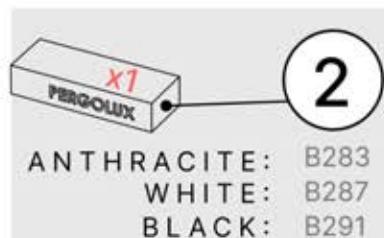


PN-200002303
1x
PN-20000
3768 

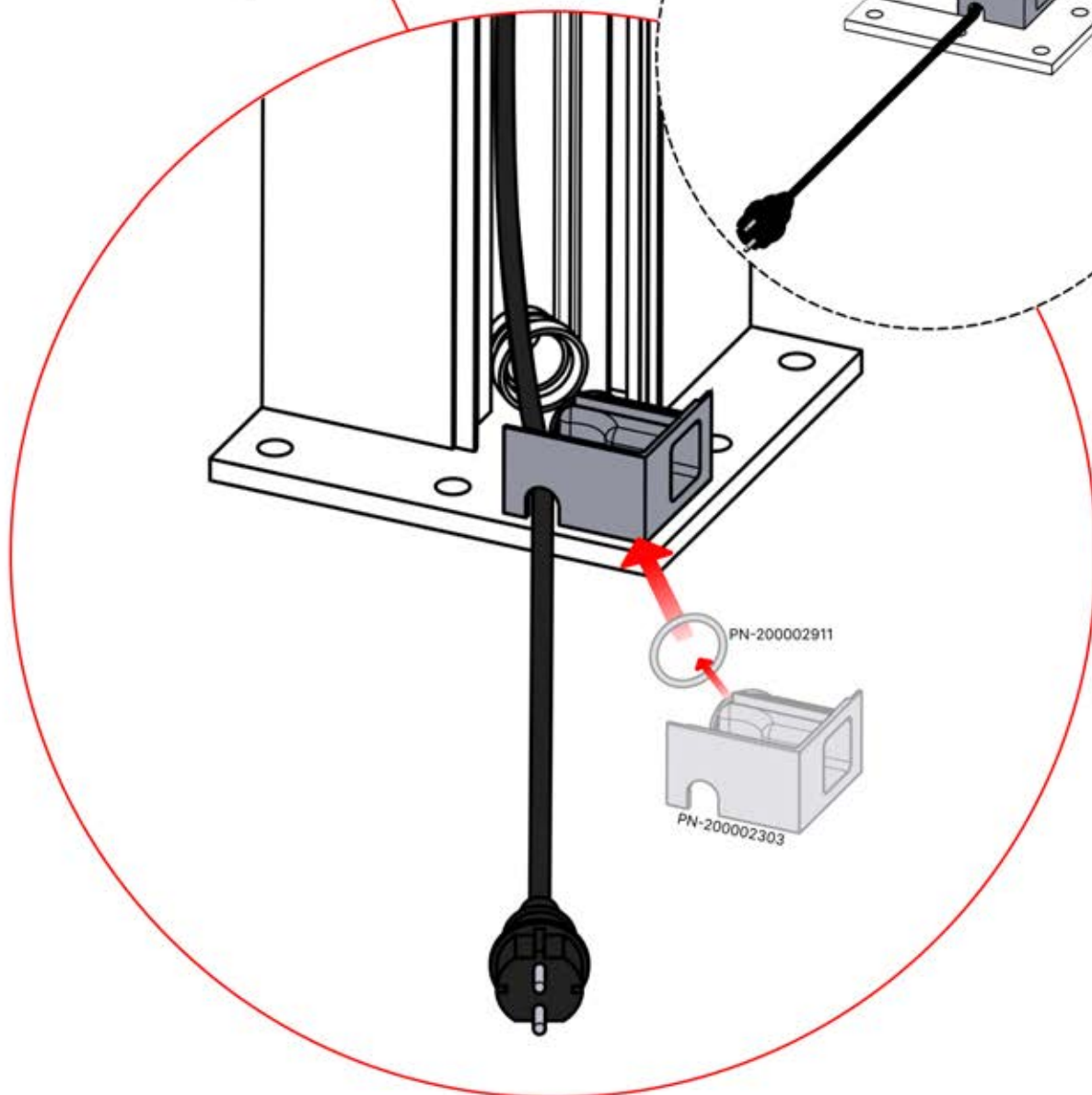
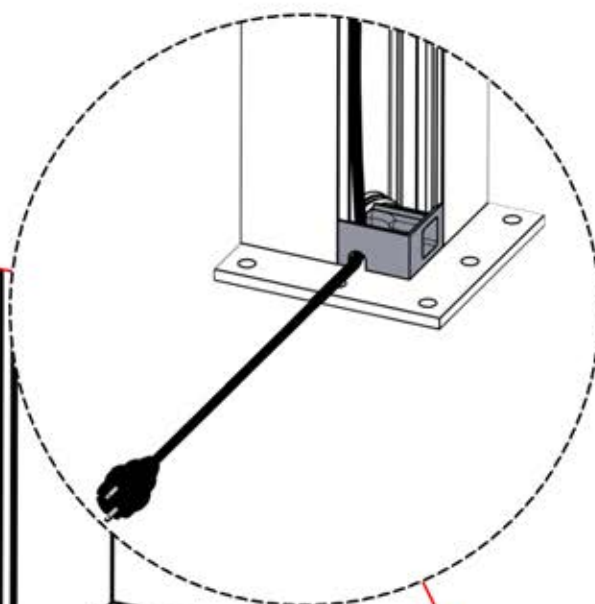
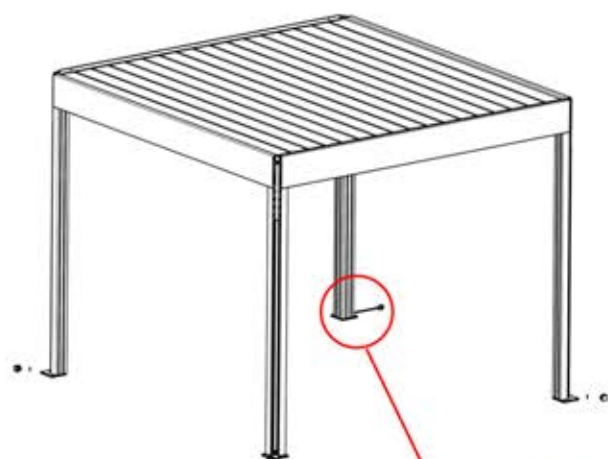
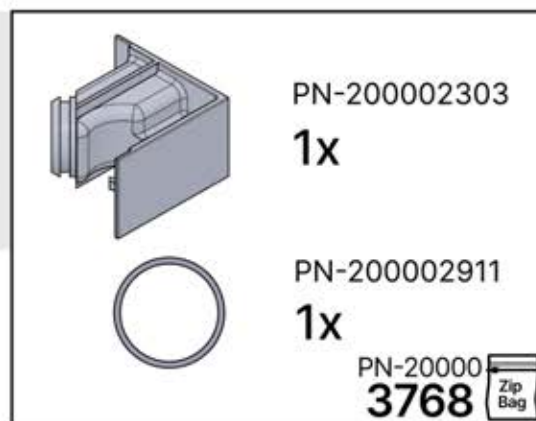
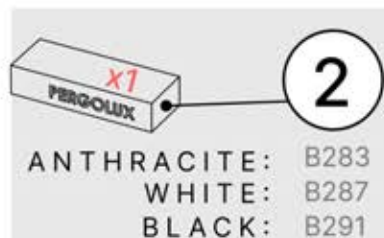


Select one of the four PN-200002303 parts and drill a 10 mm diameter hole to accommodate the power cable. This specific part must be assembled to the corner pole as illustrated in step 64

63



64



65

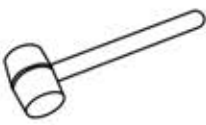
x2
PERGOLUX
PERGOLUX

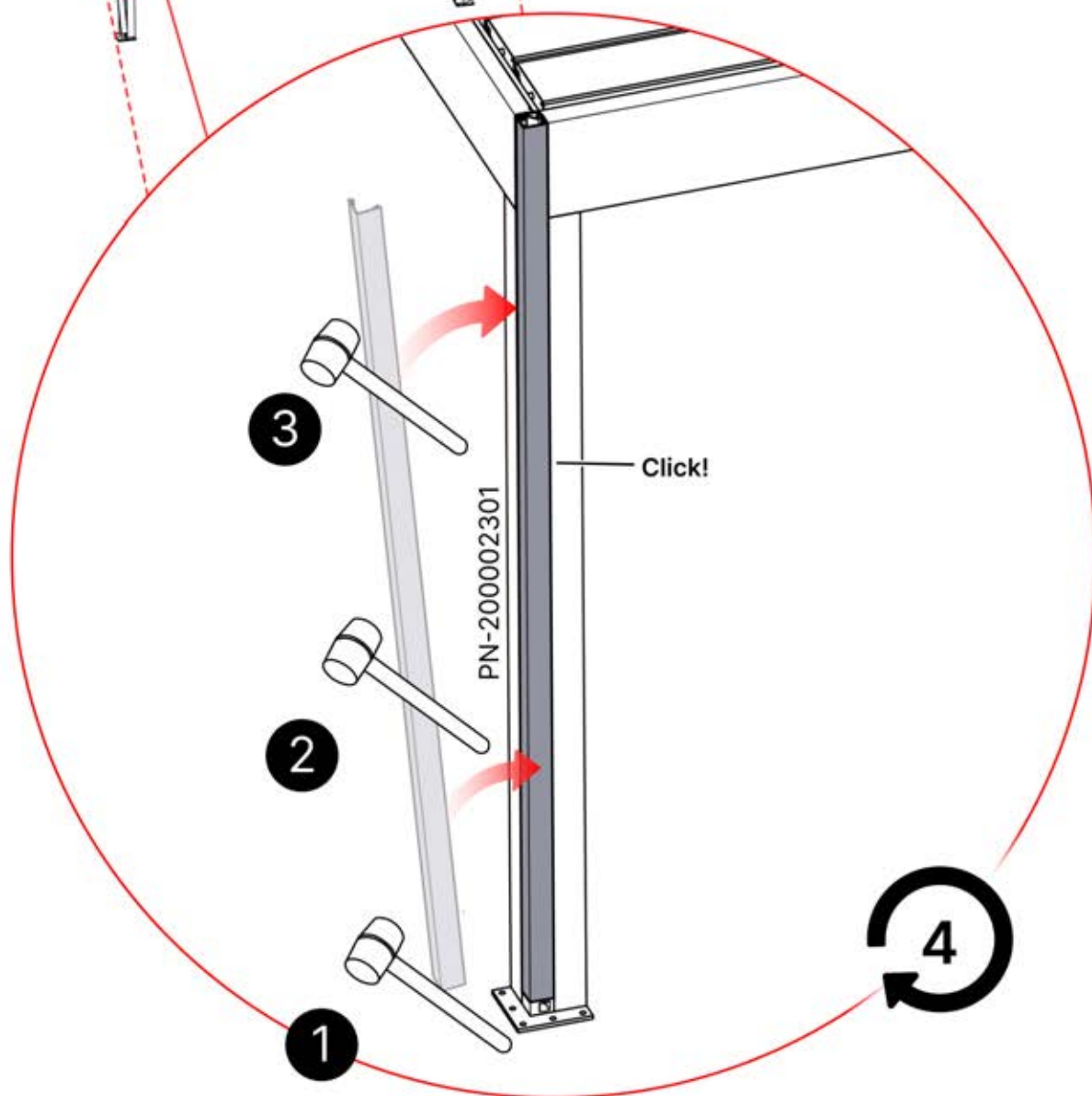
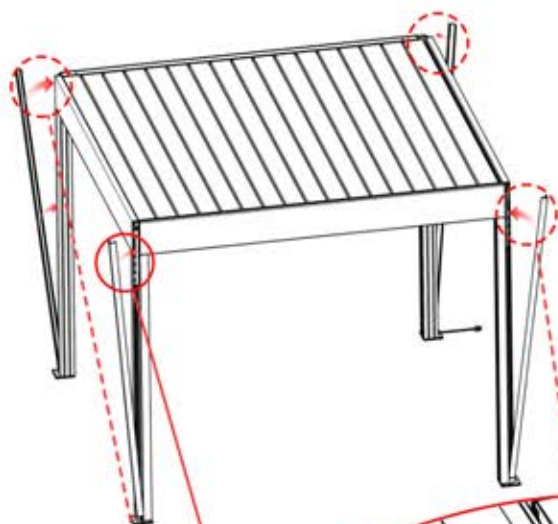
1

ANTHRACITE: C126
WHITE: C127
BLACK: C128

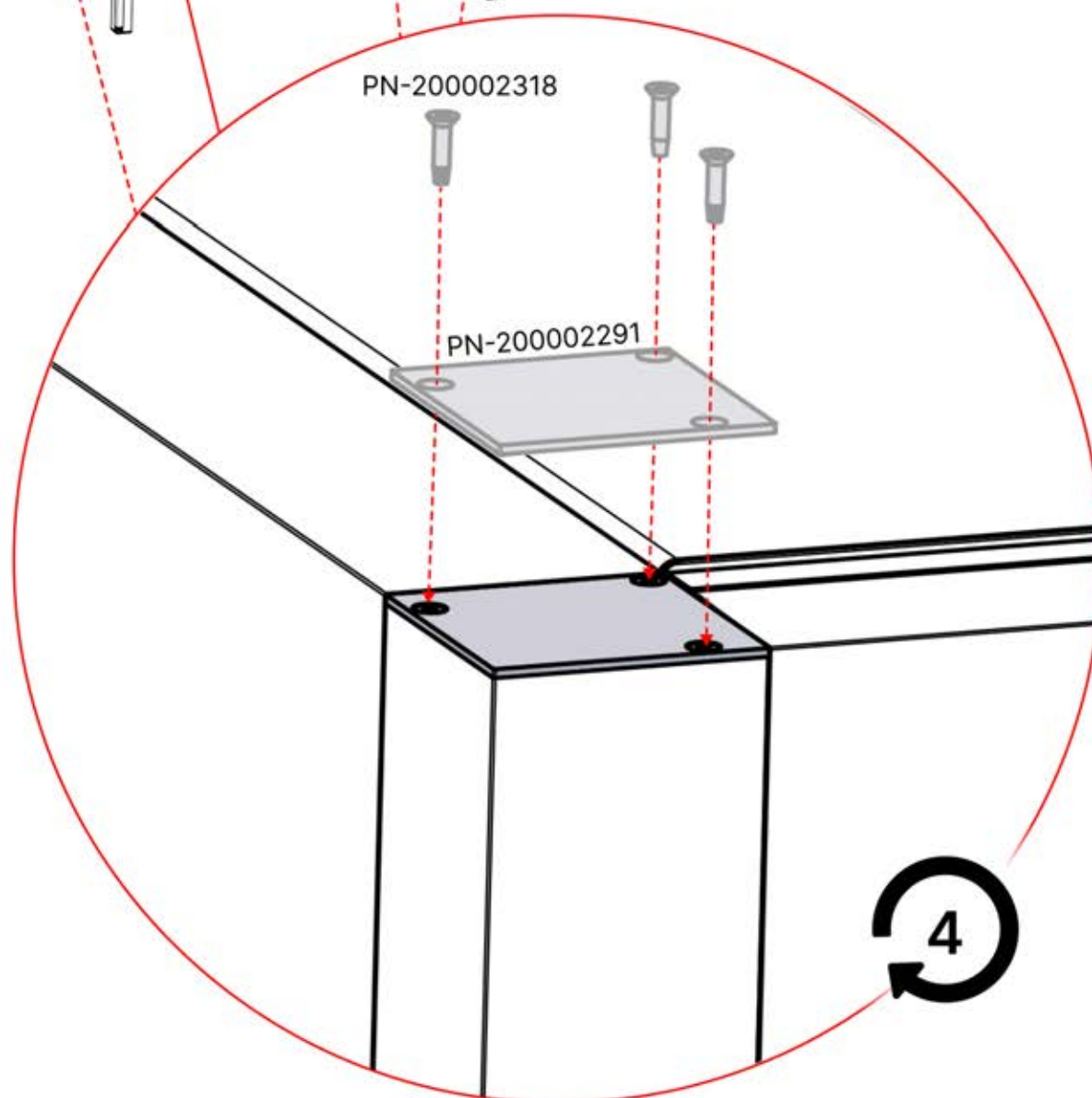
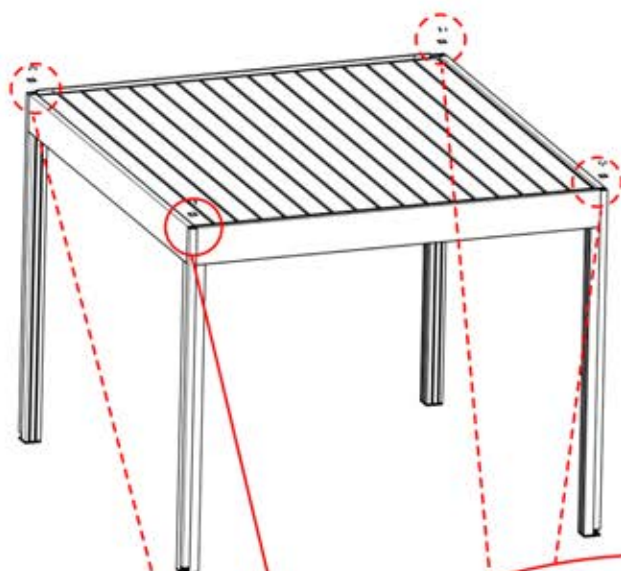
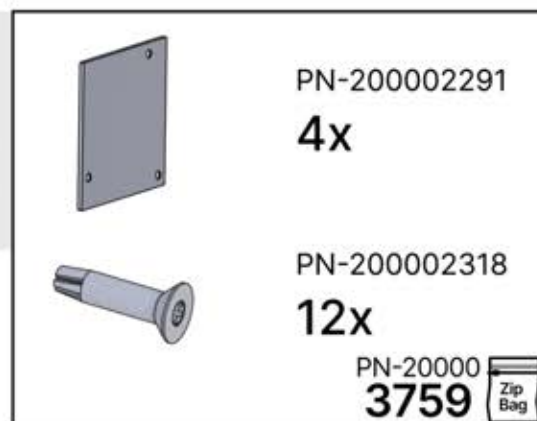
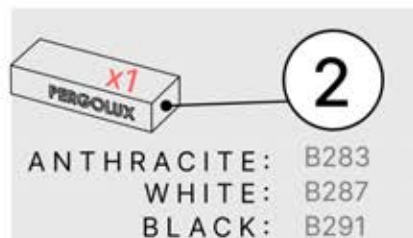
PN-200002301
4x



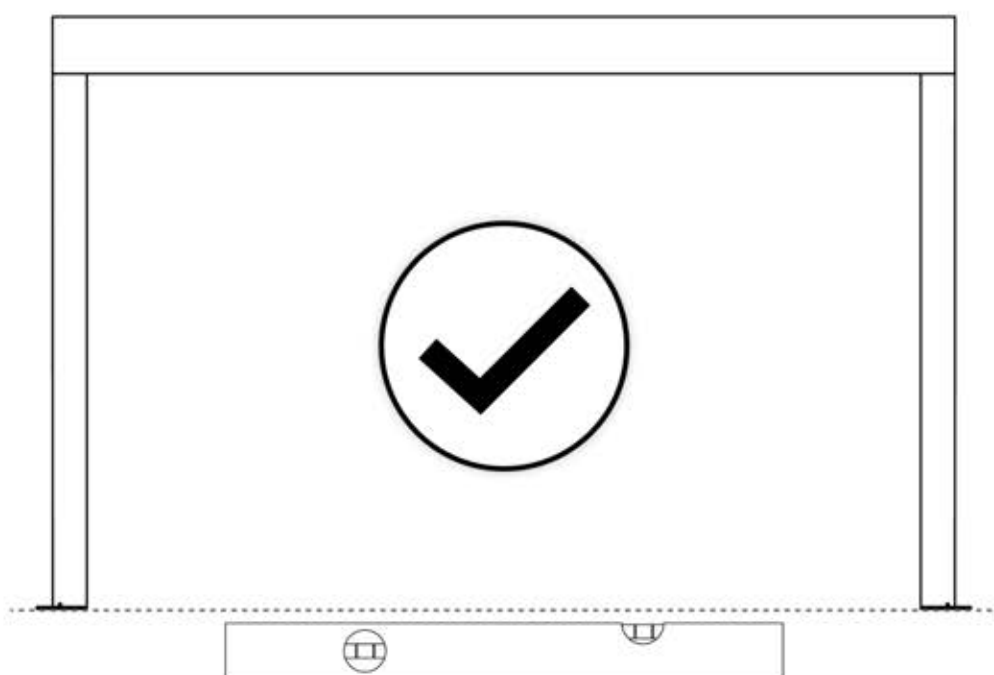
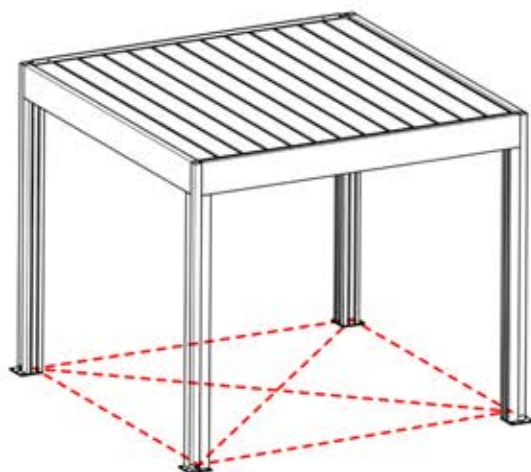
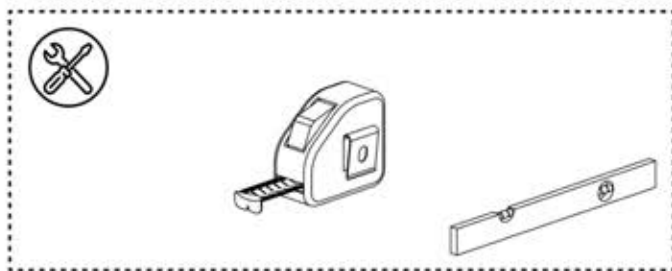



66



67



68



Use on
concrete



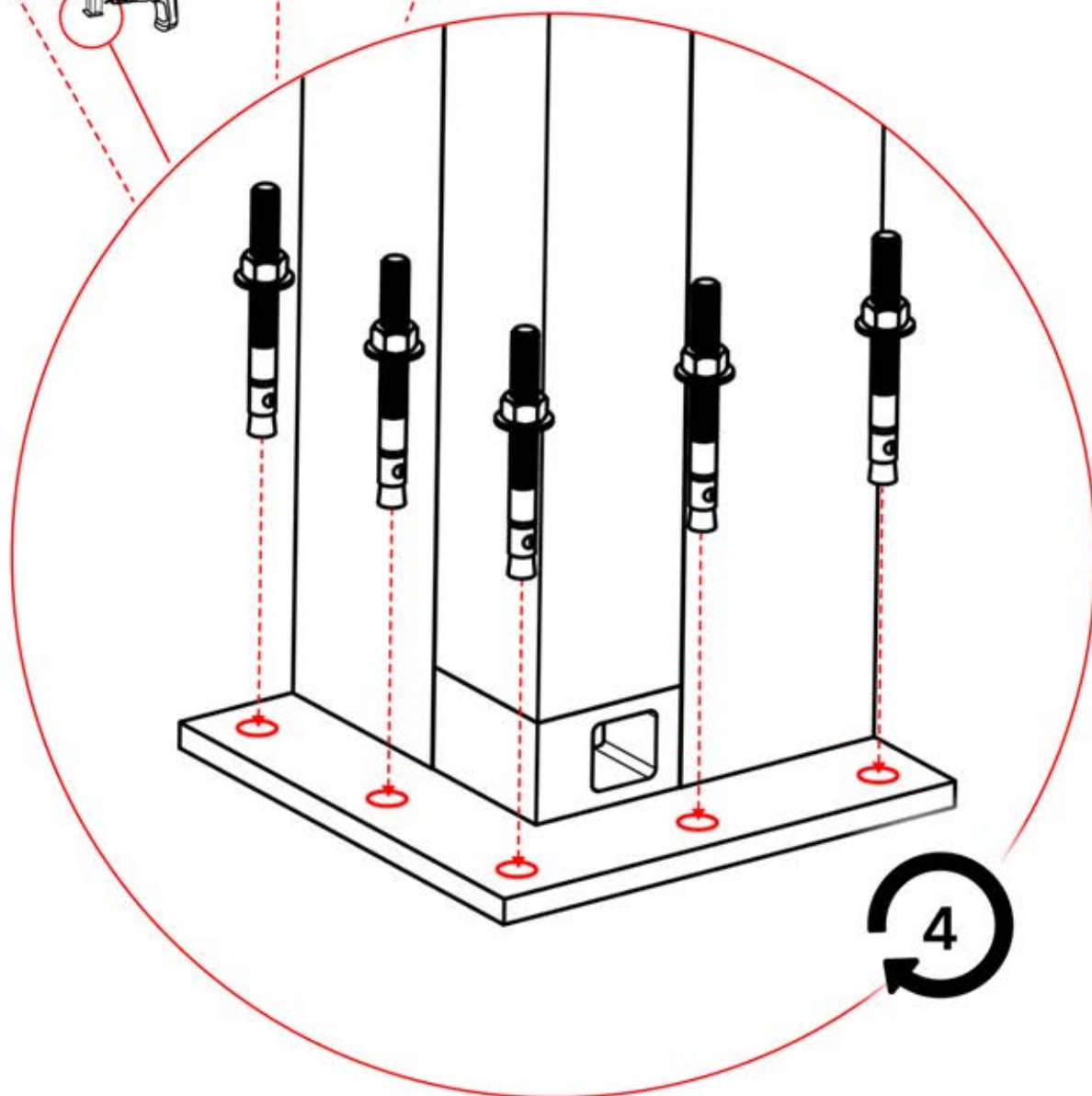
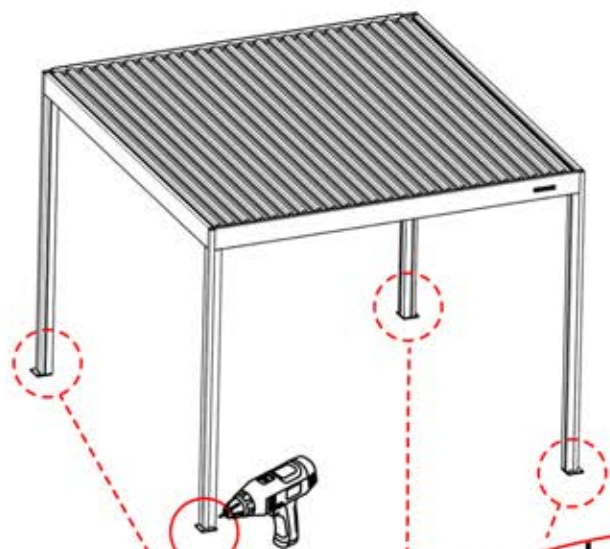
x12



Use on
wood

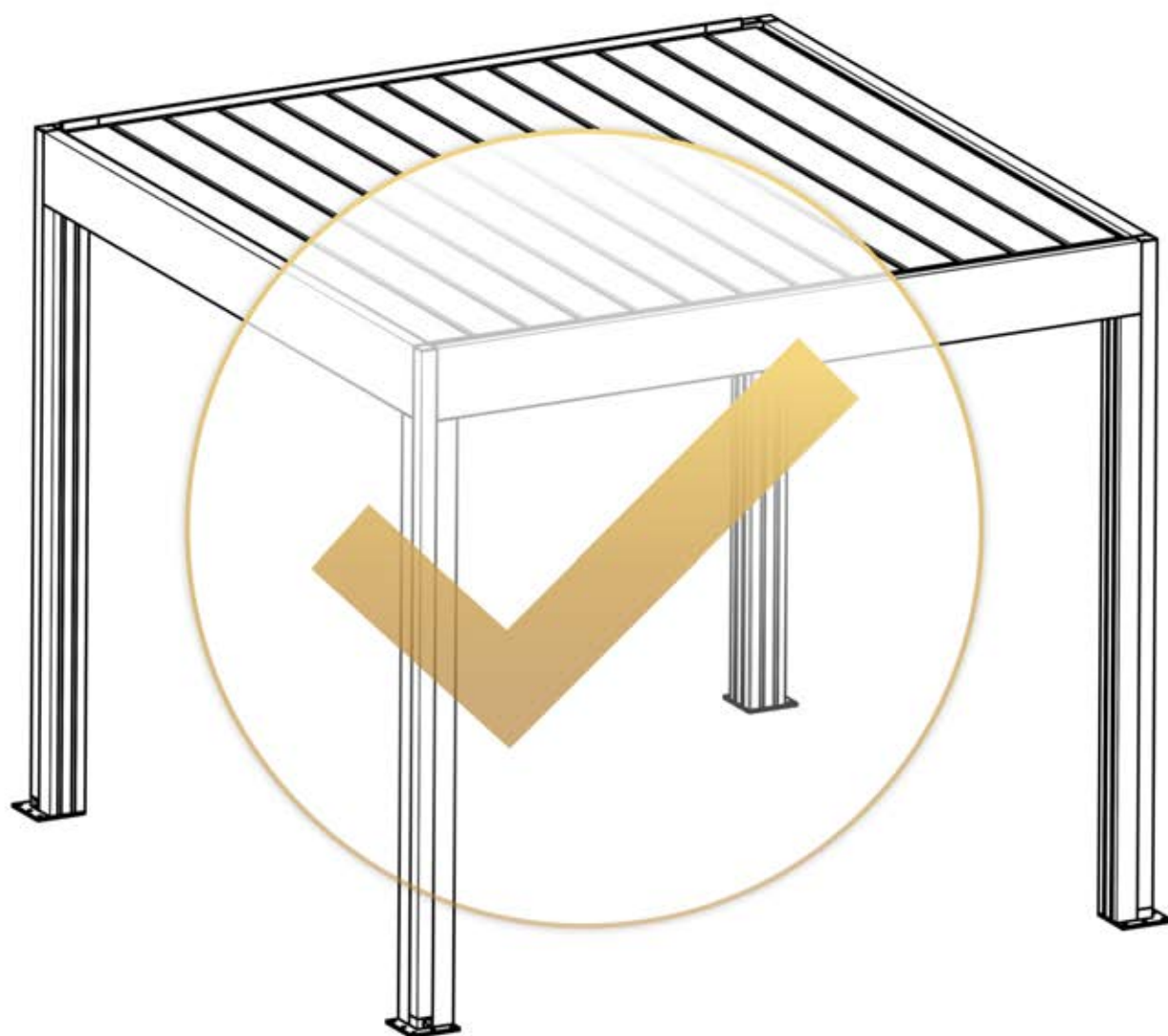


x12



PERGOLUX | PERGOLA PRO MAX+ FREESTANDING S4

3X3M / 10'x10'



Type Approved
Regular
Production
Surveillance

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