

Pergola
PRO
MAX+

PERGOLA

PRO MAX+



3x4m/10'x13'
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.



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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

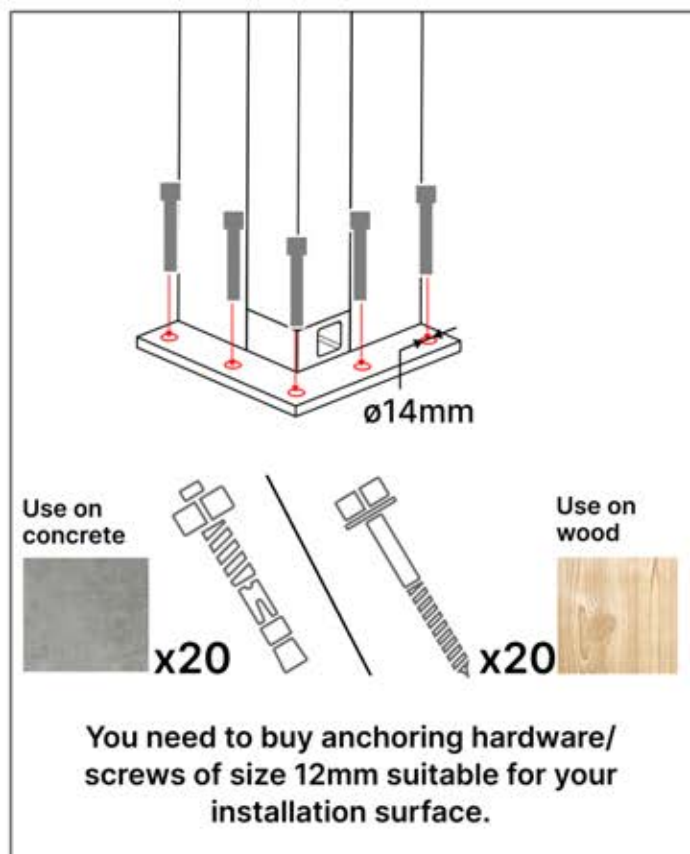


Turn around



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:

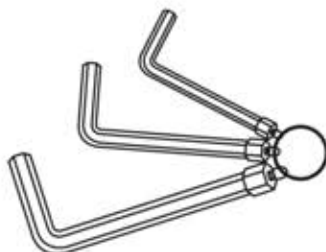
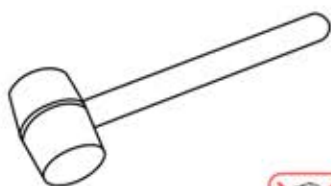
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



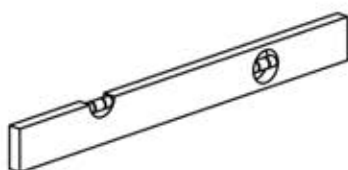
Apply lubricant to make screw assembly easier.



TOOLS

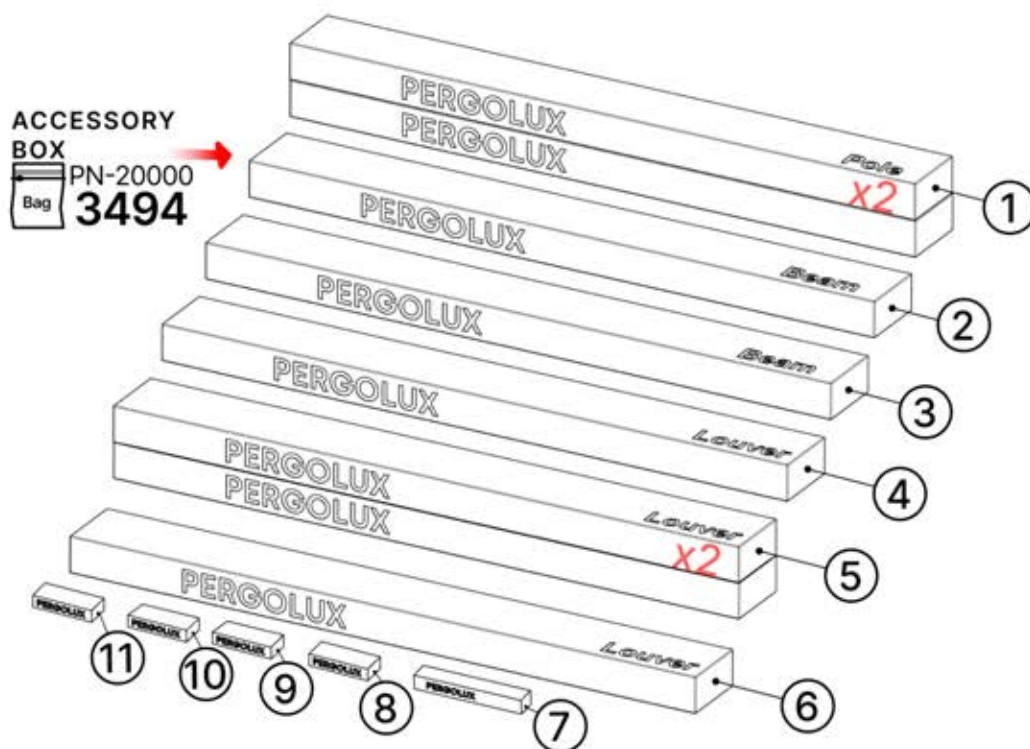


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

PACKAGE OVERVIEW

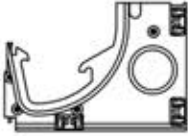
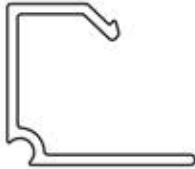


ORDER	ANTHRACITE	WHITE	BLACK
①	C126	C127	C128
②	B284	B288	B292
③	B307	B309	B311
④	L263	L267	L265
⑤	L251	L255	L253
⑥	L239	L243	L241
⑦	ELECTRIC MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		
⑪	SCREW KIT PN-200004210		

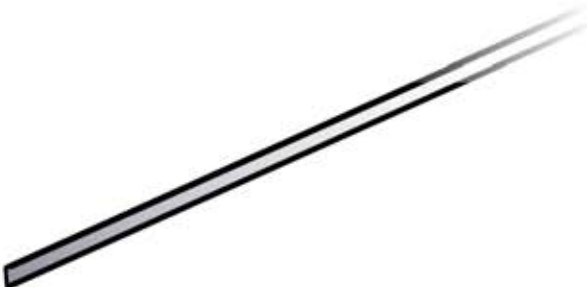
ITEMS IN BOX

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

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	2 B284	B288	B292
		PN-200003491 1x	
		PN-200003490 1x	
		PN-200002347 2x	
		PN-200002350 1x	
		PN-200002357 1x	

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
2		B284	B288	B292
		PN-200002360 1x		
		PN-200002348 1x		
		PN-200002323 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

B284

B288

B292



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

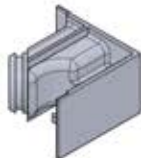
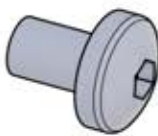


PN-200000852
8x

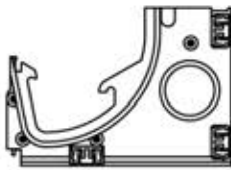
ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
2		B284	B288	B292
       PN-200003751 Zip Bag 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		B284	B288	B292
 PN-20000 3495  	PN-200002311 40x	 PN-20000 3767 	PN-200002286 8x	
 PN-20000 3768 	PN-200002911 4x		PN-200002303 4x	PN-200002297 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		

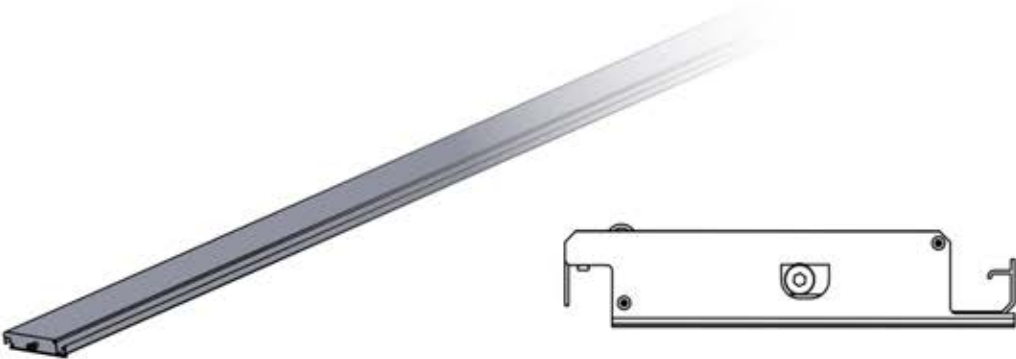
ITEMS IN BOX

		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 = (LED) PN-200003536 4x		

ITEMS IN BOX



	ANTHRACITE	WHITE	BLACK
	L239	L243	L241



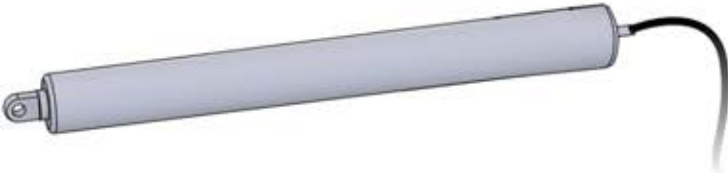
Standard = 

PN-200003532

4x



**ELECTRIC MOTOR**



Electric motor
PN-200001562
1x



PN-200003773
1x



PN-200001625
2x



PN-200001624
1x

ITEMS IN BOX



8

CONTROL BOX



Control box

1x



Matter antenna clip

1x



PN-200002684

10x



PN-200002683

5x



QR-code

1x



3M tape

1x



PN-200002756

1x



PN-200002754

1x



PN-200002758

1x



PN-200002753

2x



PN-200002759

2x



PN-200002757

1x

ITEMS IN BOX



9

POWER CABLE



PN-200003781

1x



10

LED BOX

PN-20000
Zip Bag
3825



LED STRIP

4x



4 LED HARNESS

1x



11

SCREW KIT
PN-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.

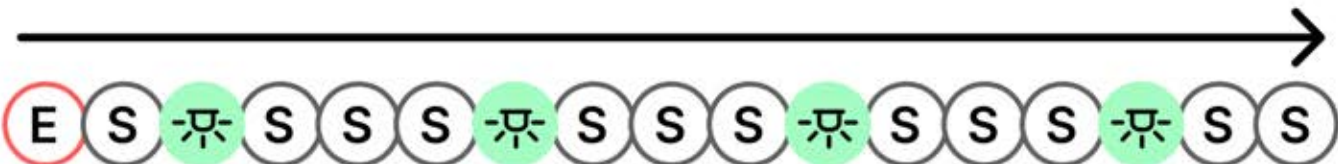
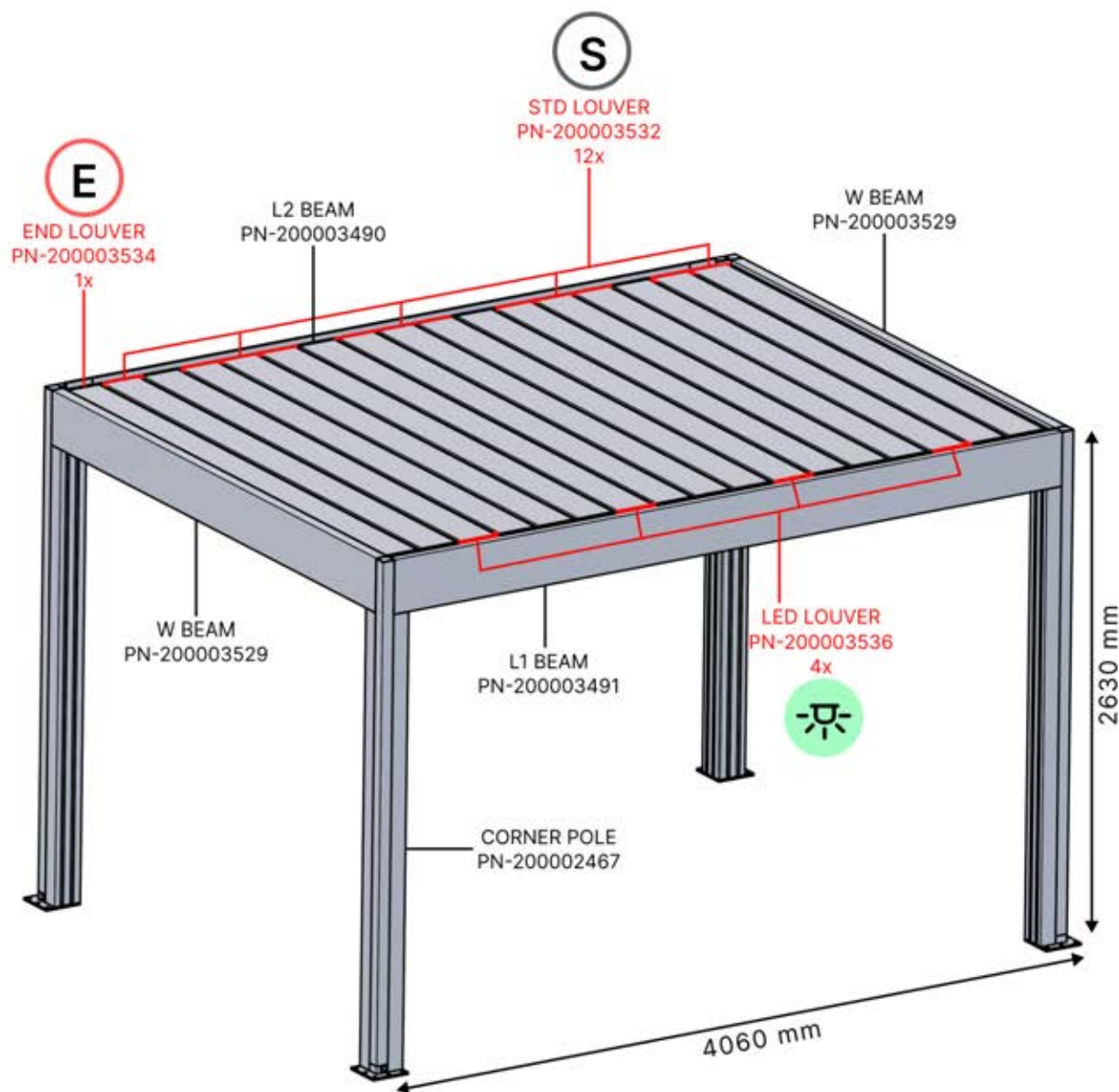
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



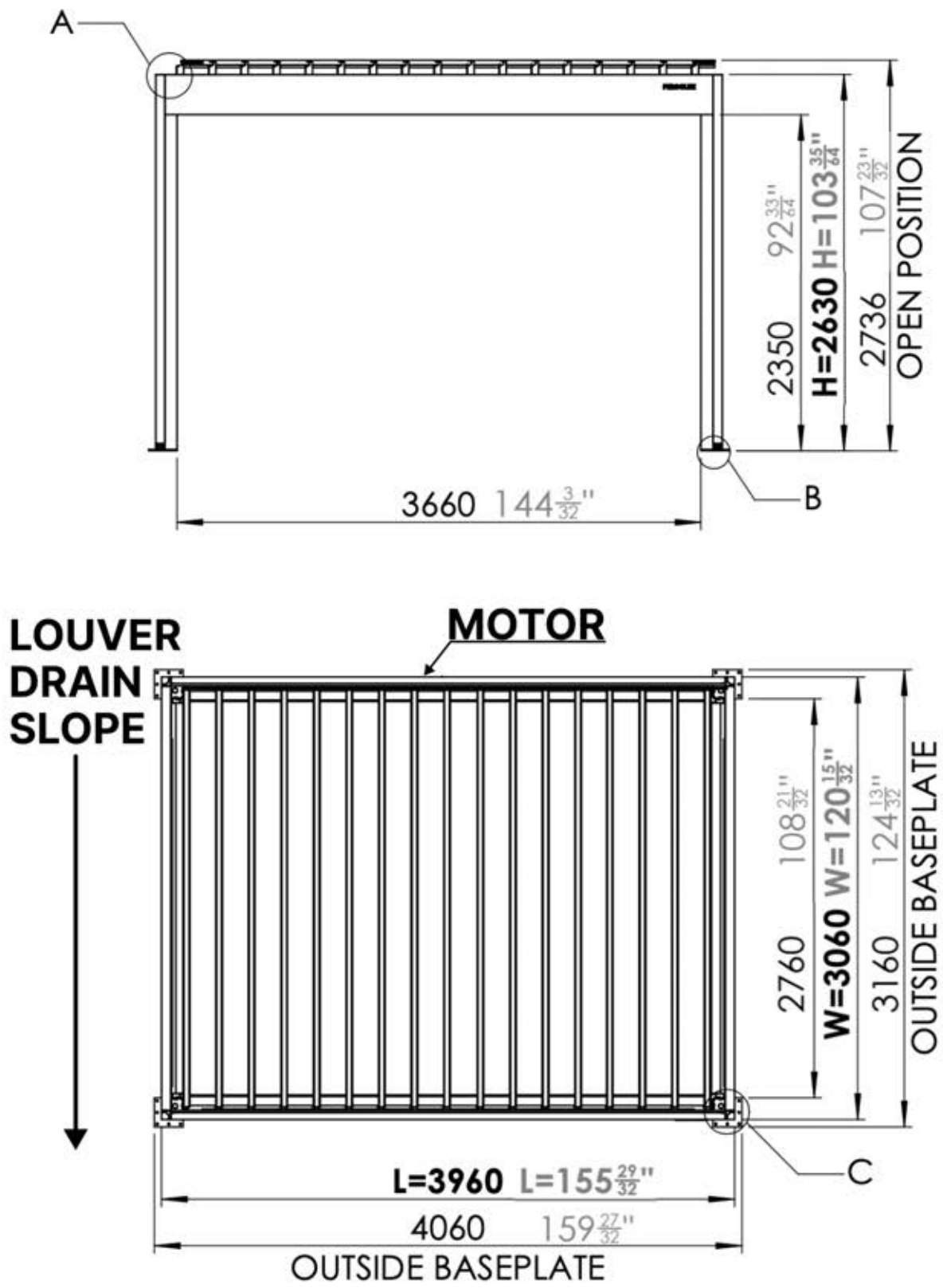
CONTROL BOX

[View Manual](#)

3 × 4 m / 10' x 13'



3 × 4 m / 10' x 13'



INFORMATION

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

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

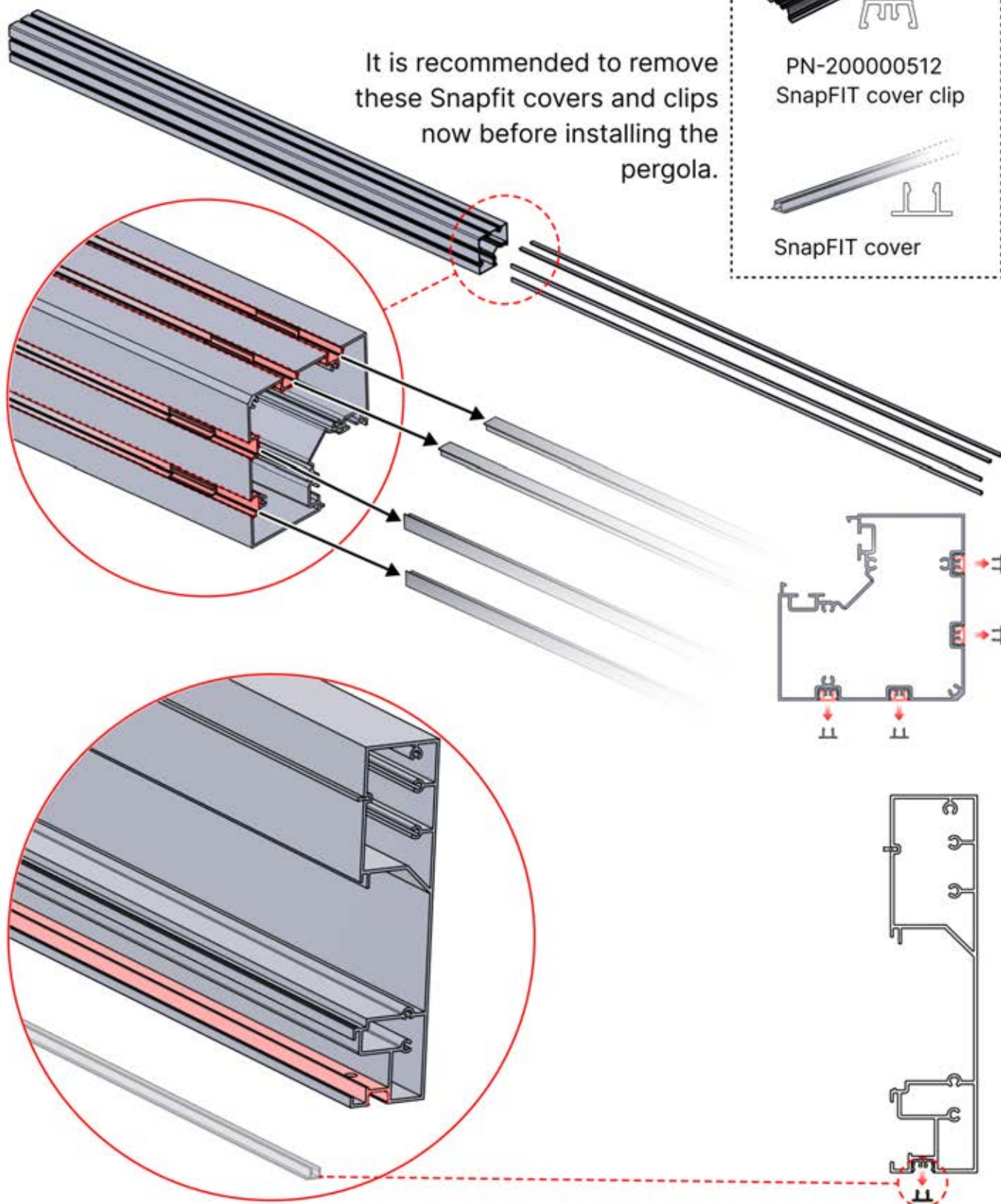
Cover and clips



PN-200000512
SnapFIT cover clip



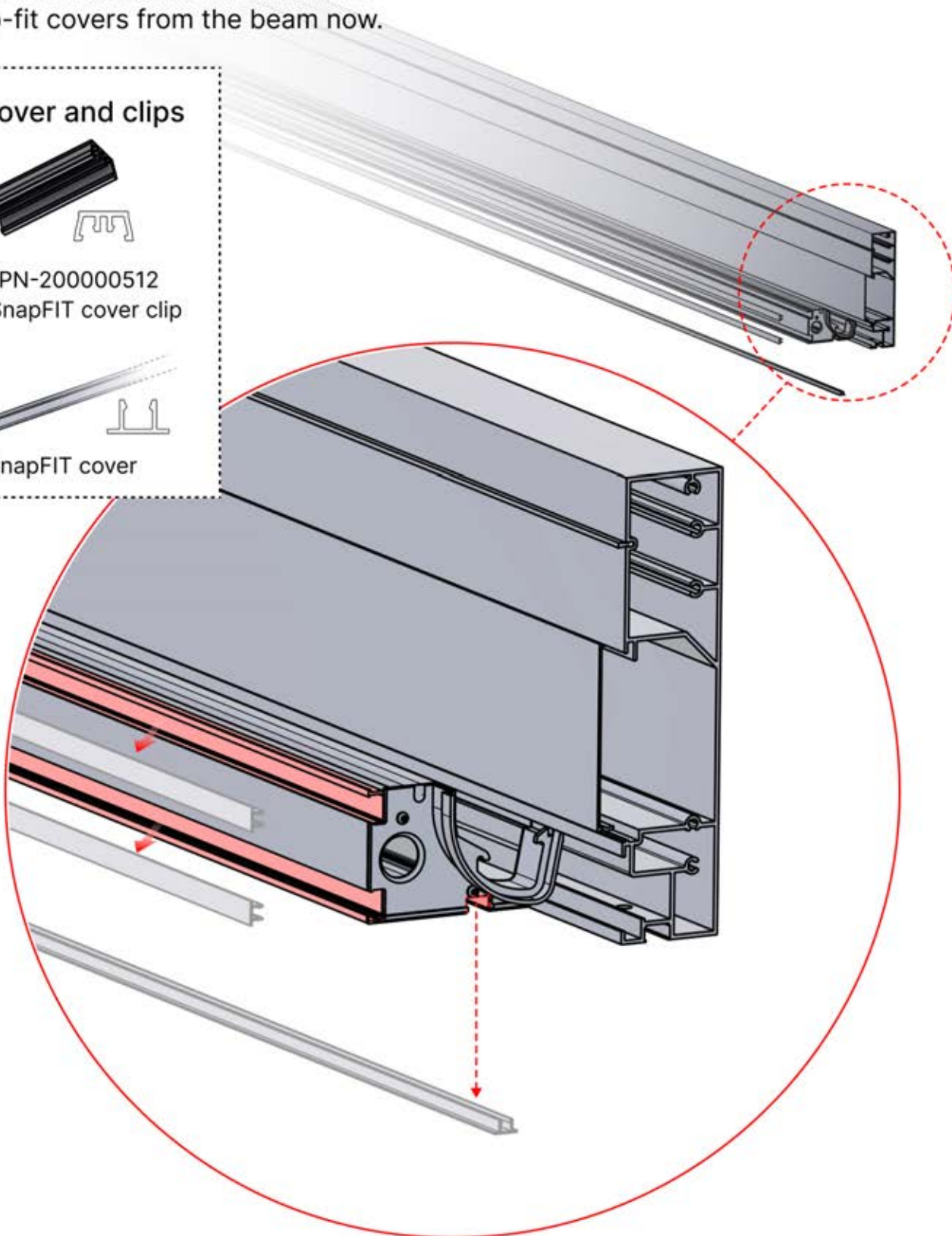
SnapFIT cover



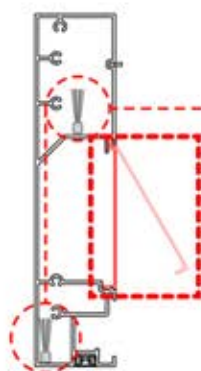
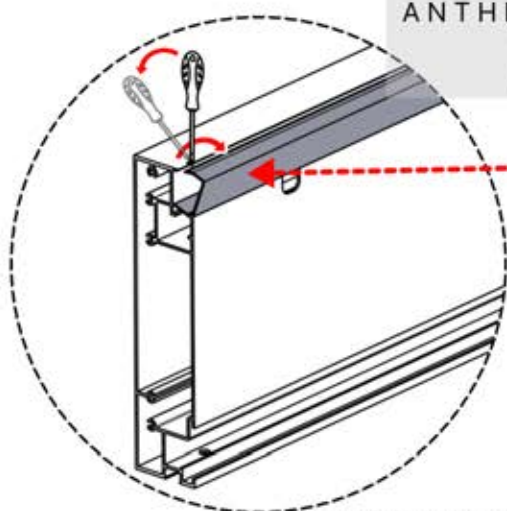
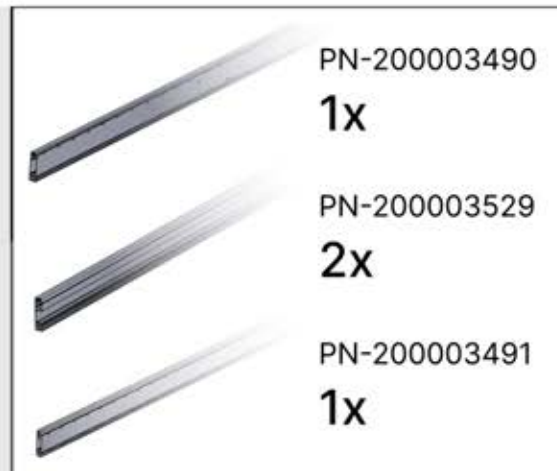
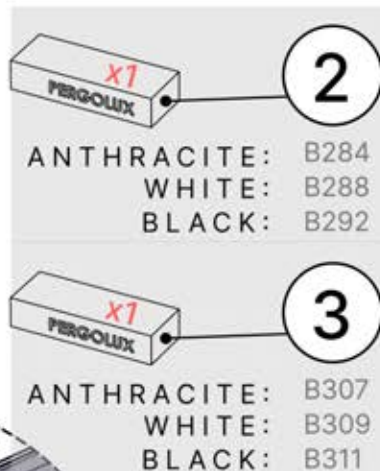
INFORMATION

Are you installing a heater or fan ?

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

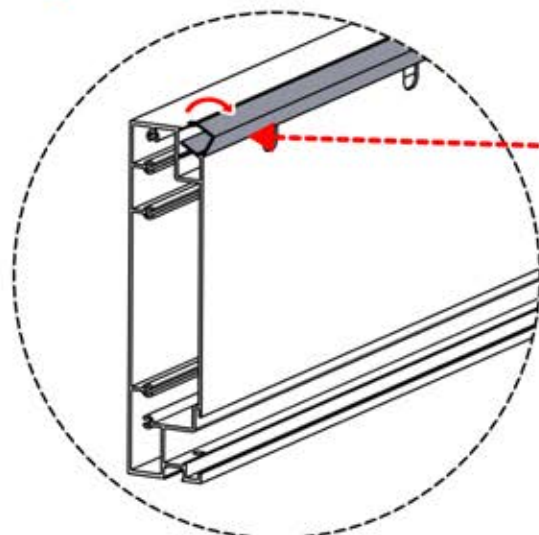
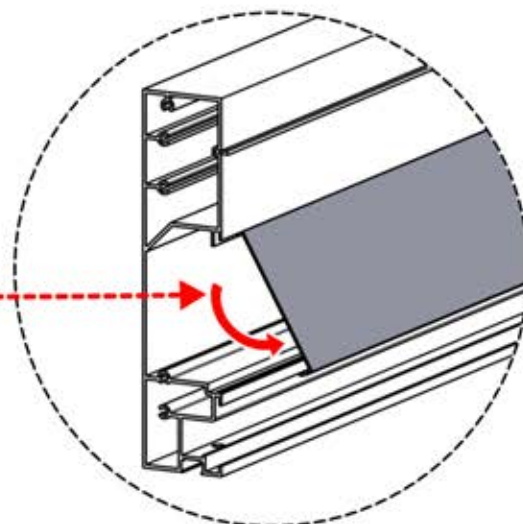


INFORMATION

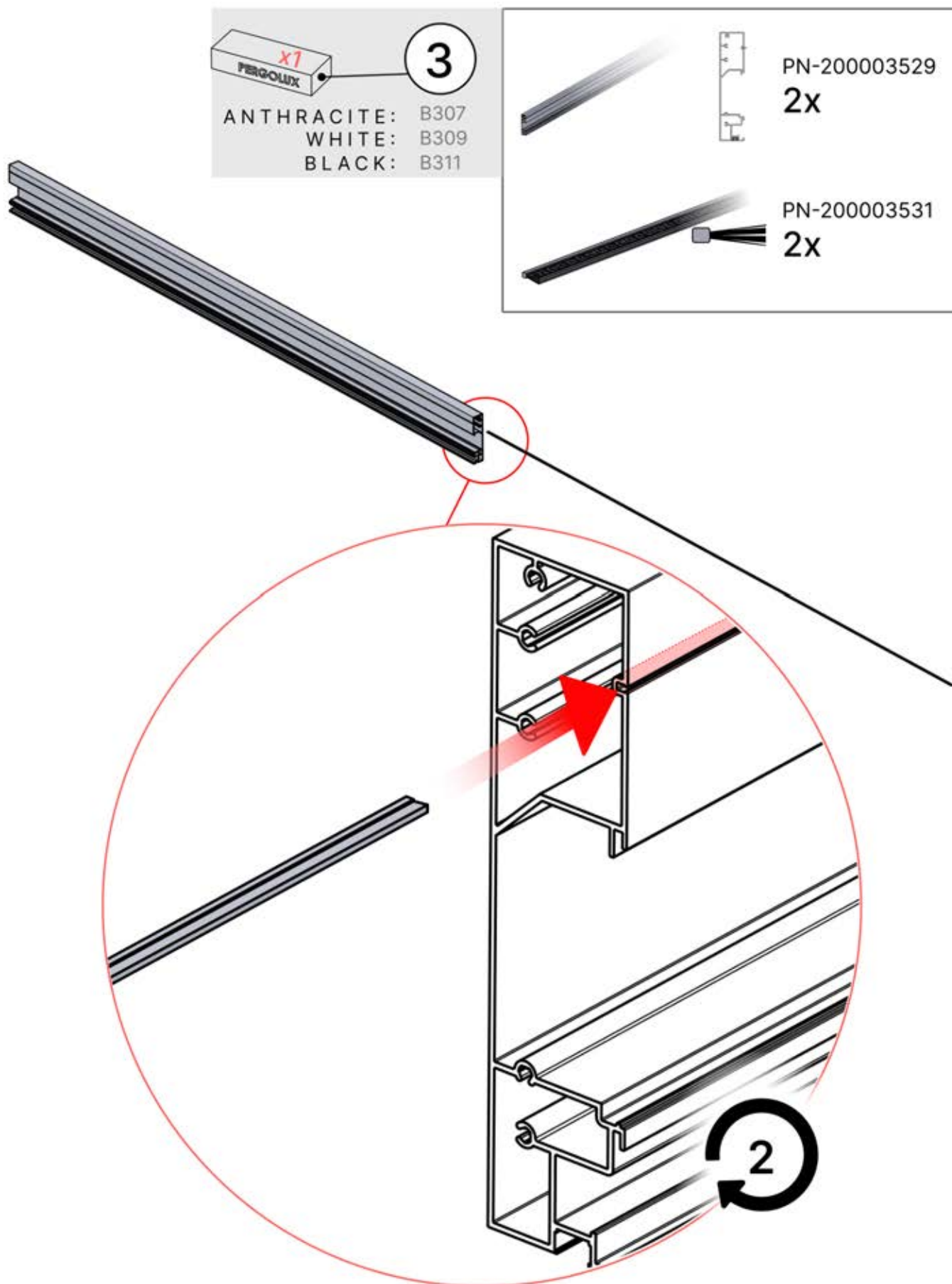


!

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



INFORMATION

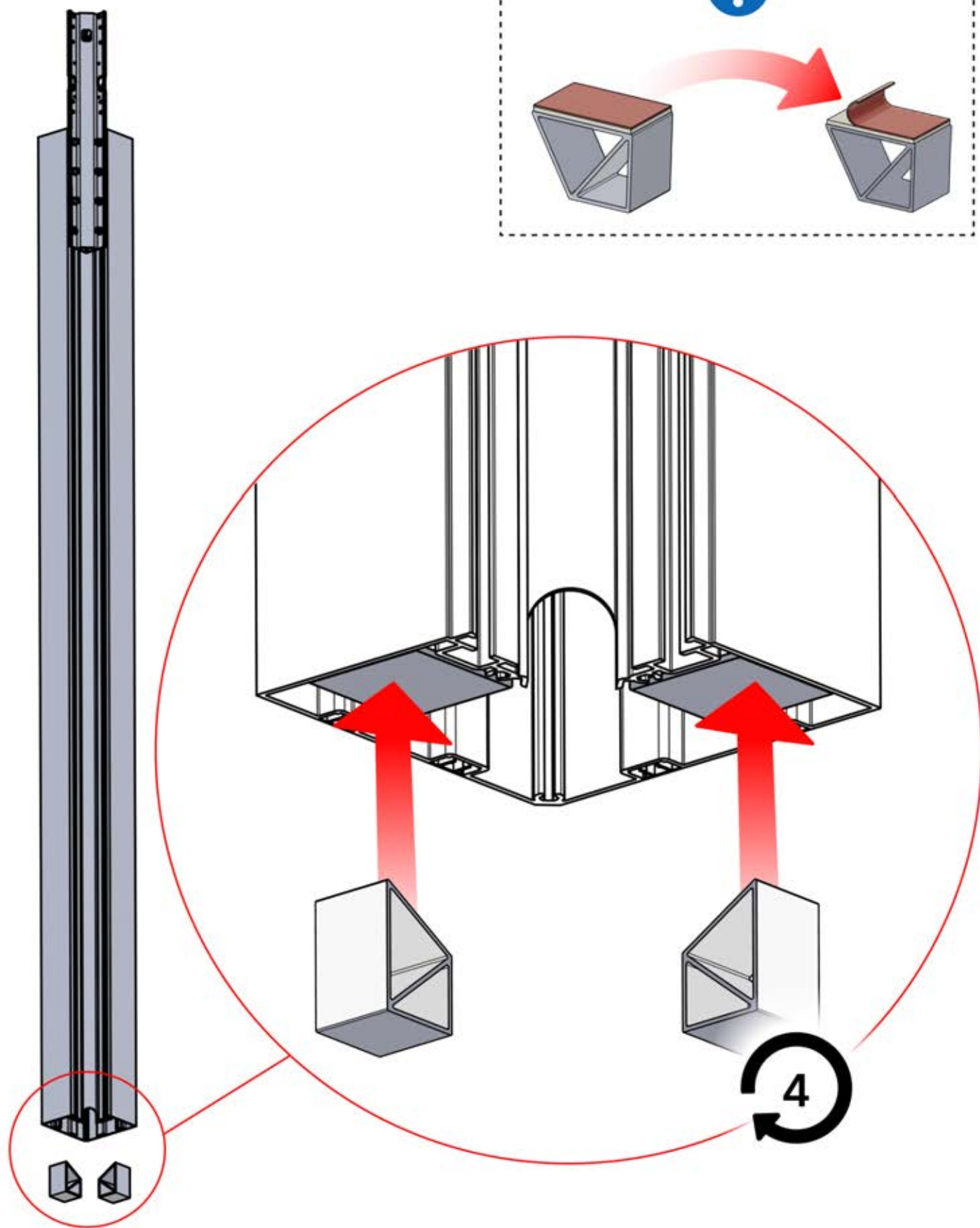
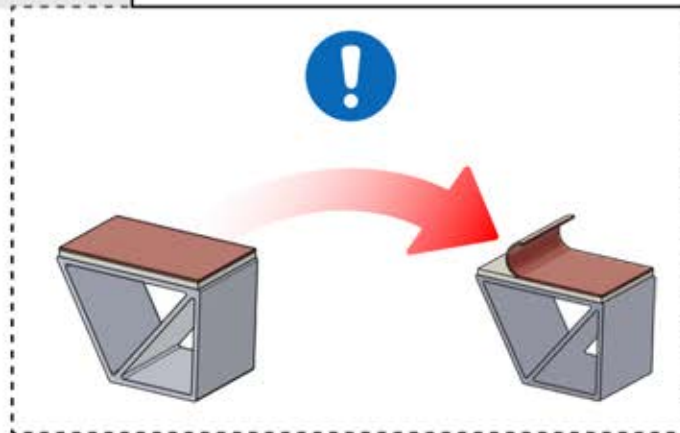


01

 **2**

ANTHRACITE: B284
WHITE: B288
BLACK: B292

 PN-200002286
8x



02



ANTHRACITE: C126
WHITE: C127
BLACK: C128



ANTHRACITE: B284
WHITE: B288
BLACK: B292



PN-200002467

4x



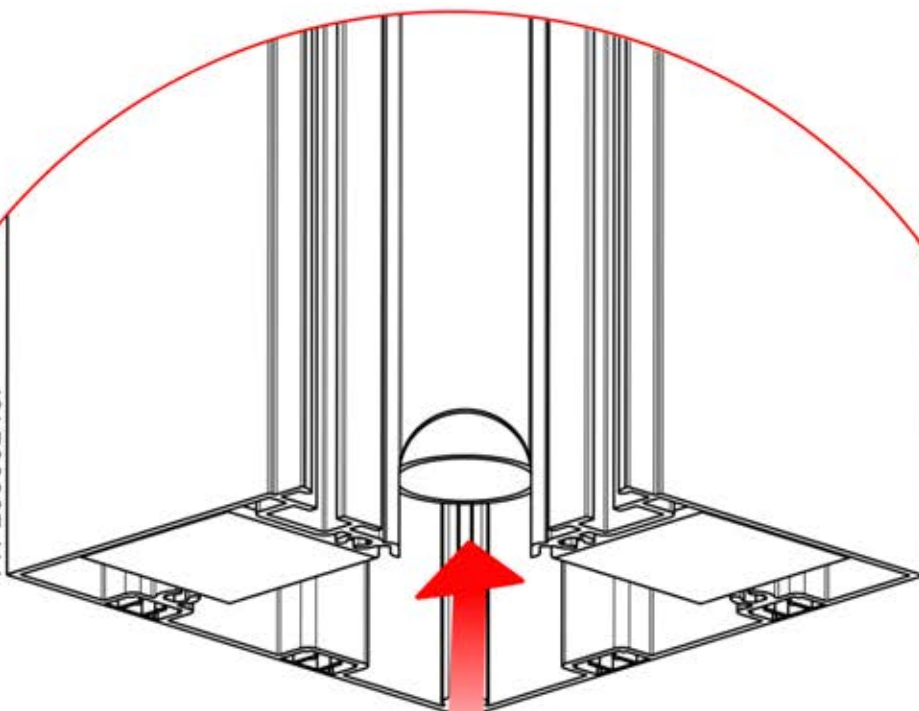
PN-200002297

4x

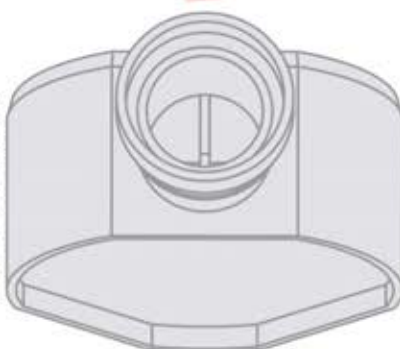
PN-20000
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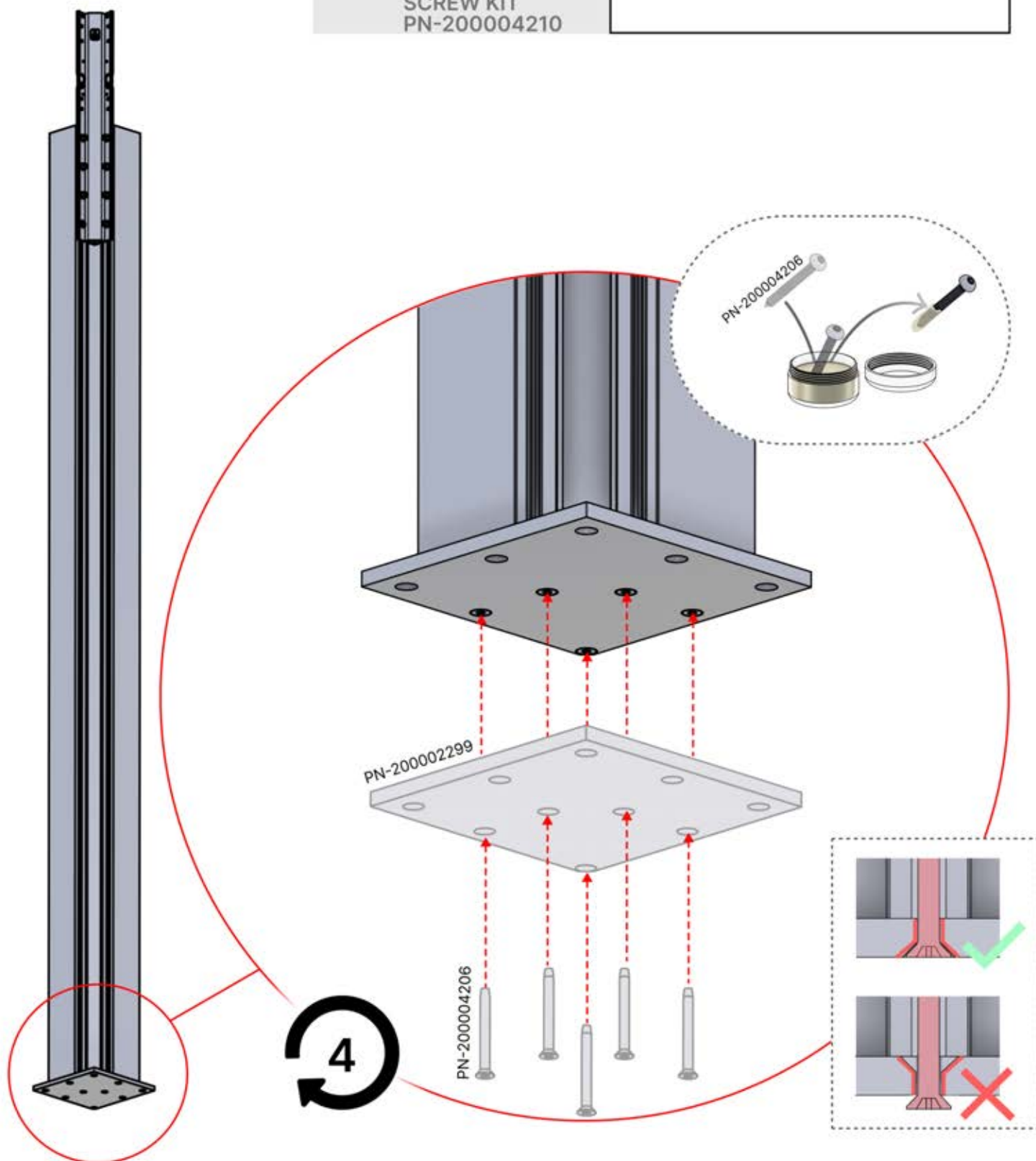
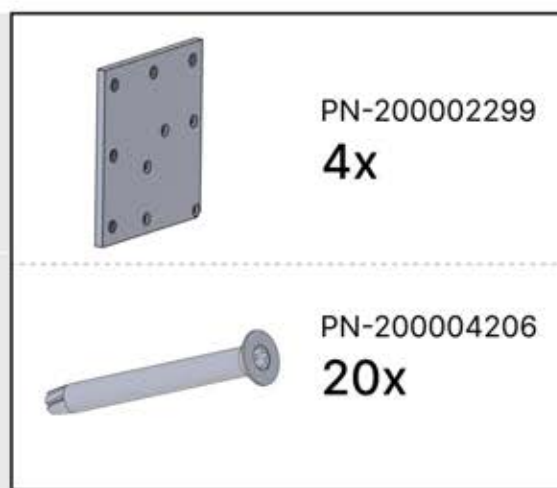
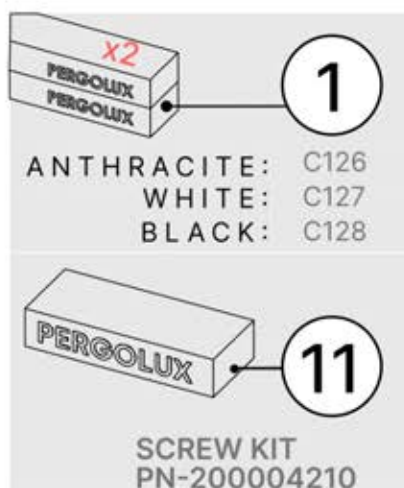
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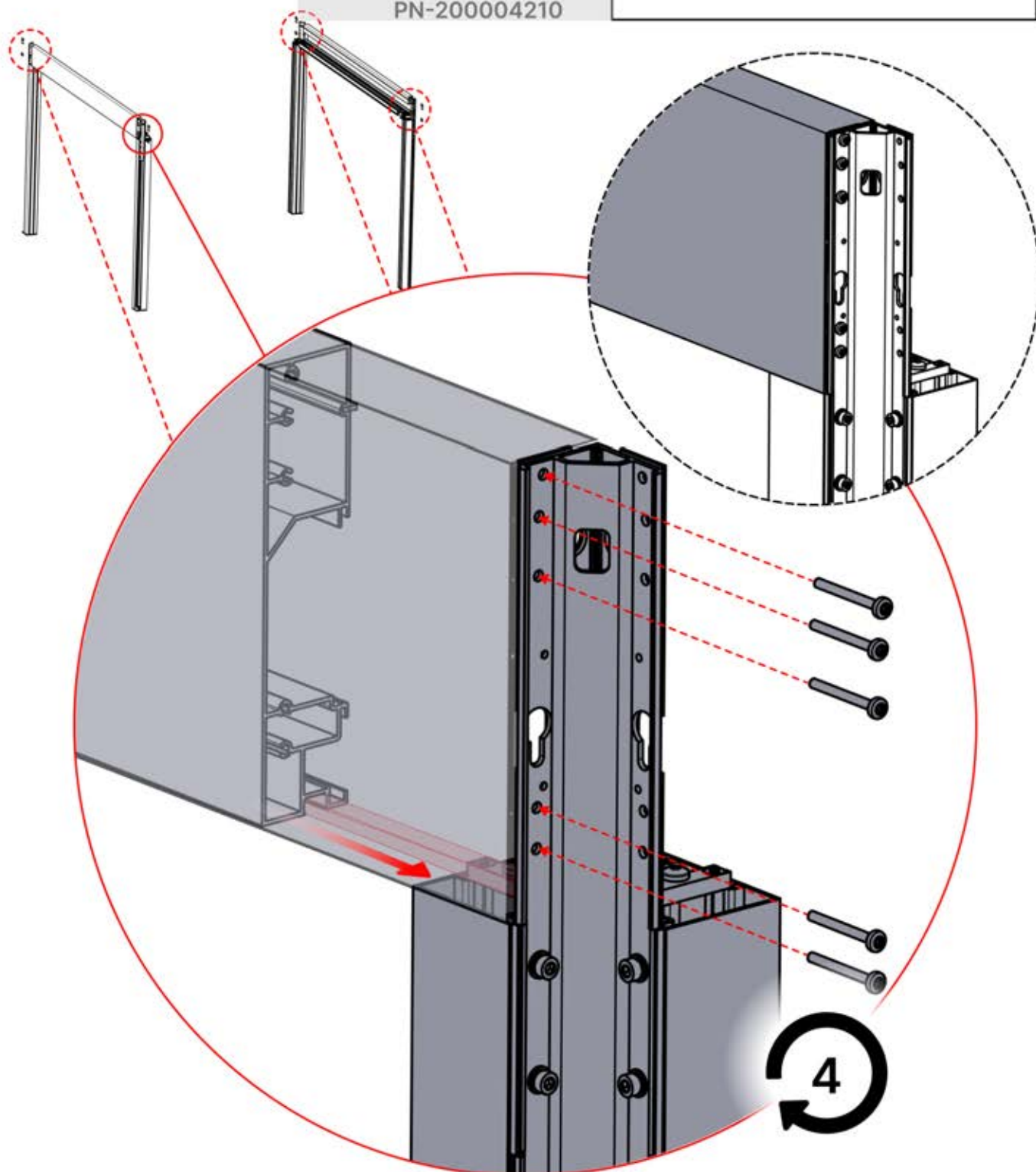
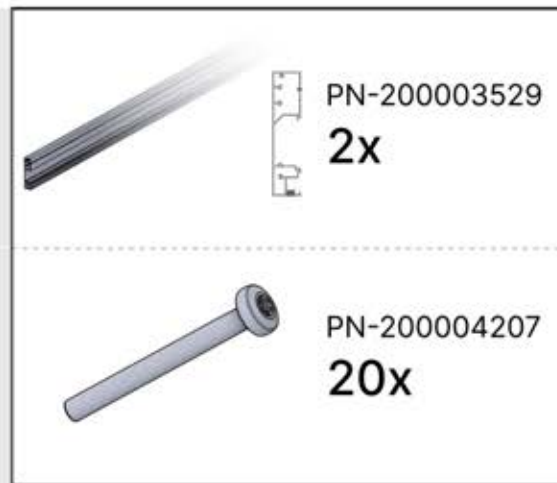
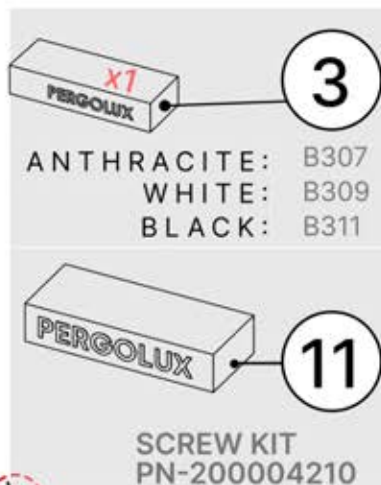
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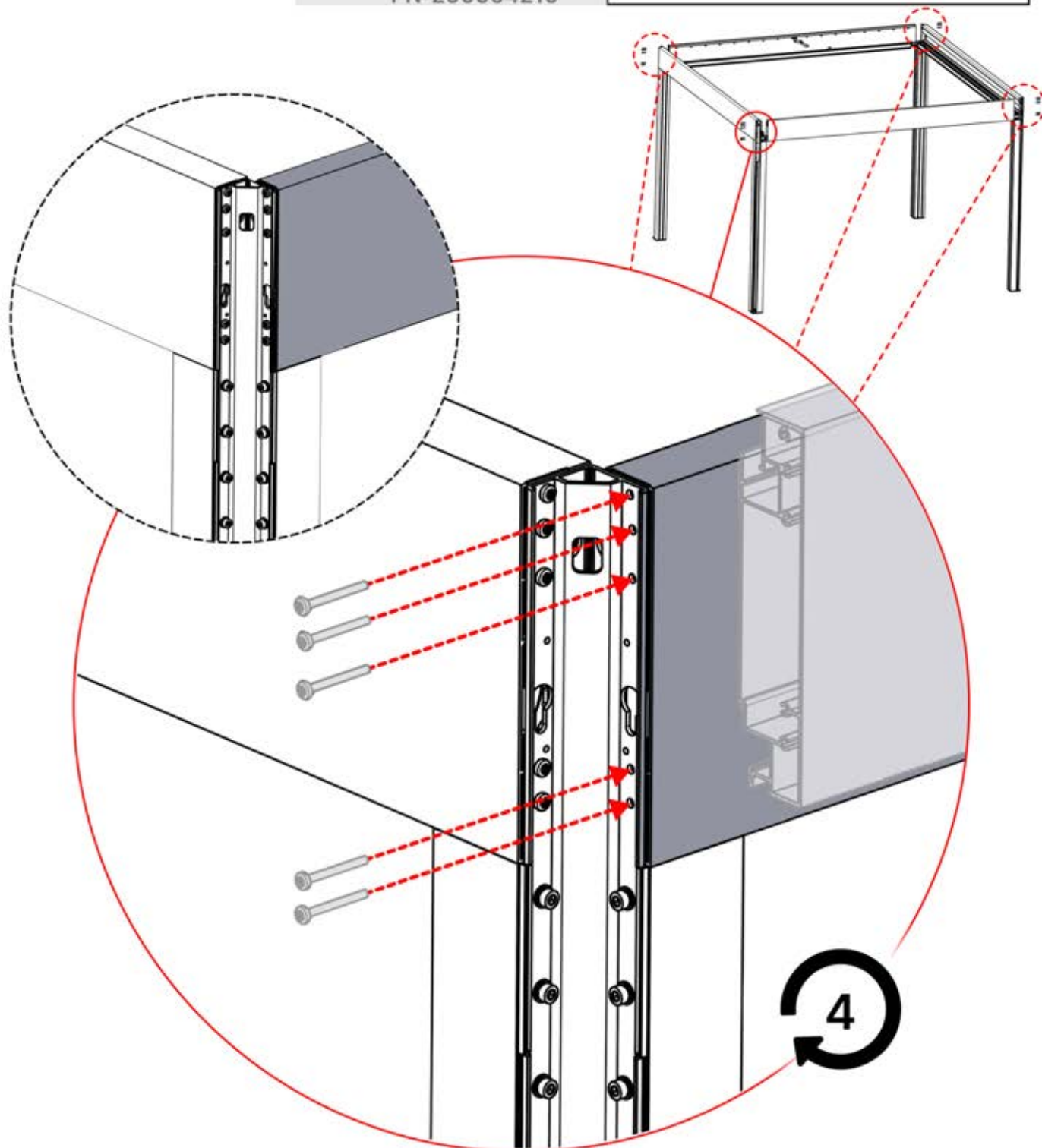
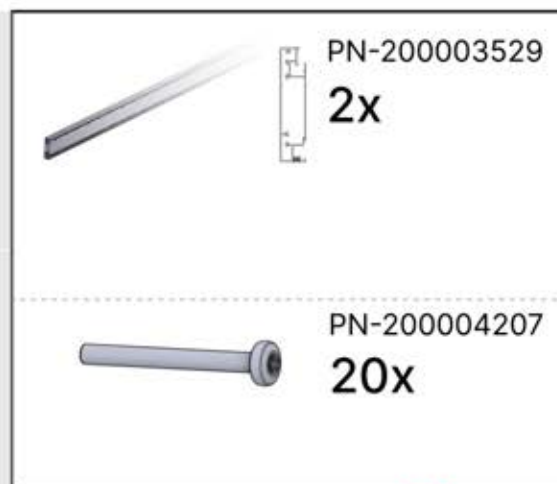
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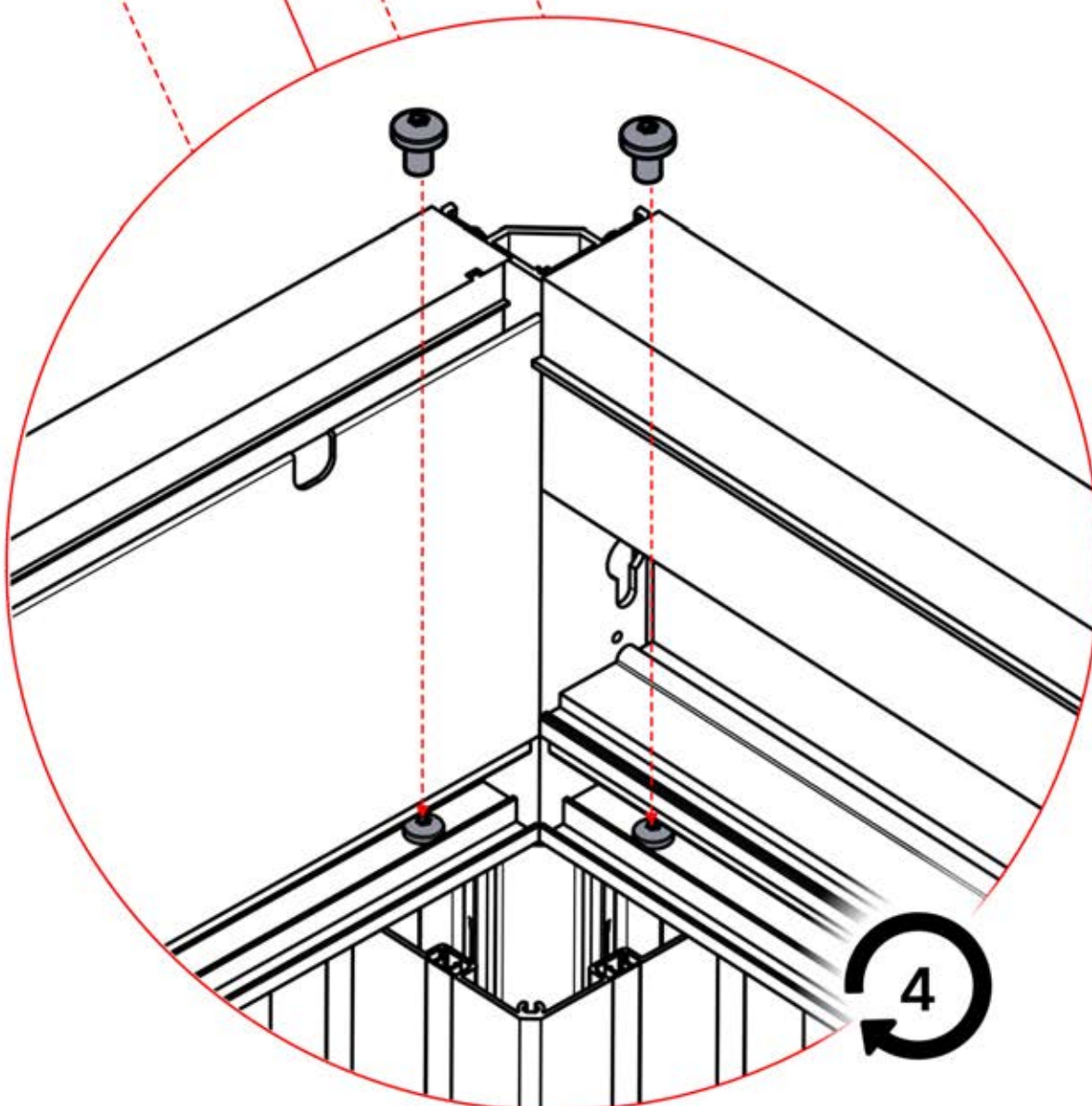
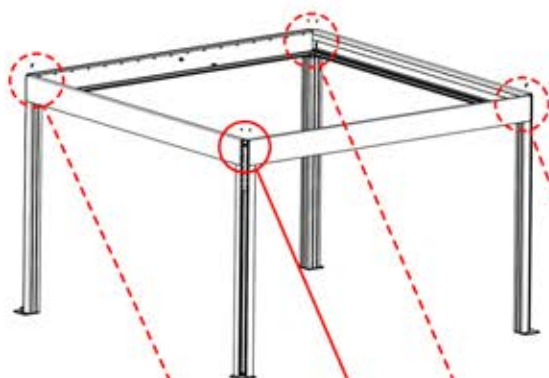
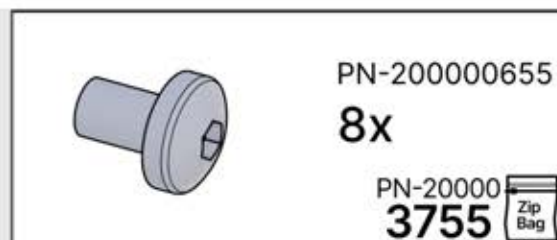
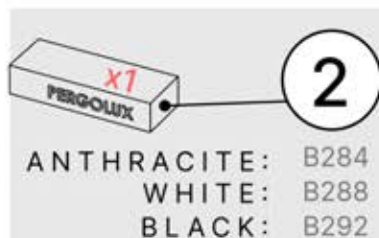
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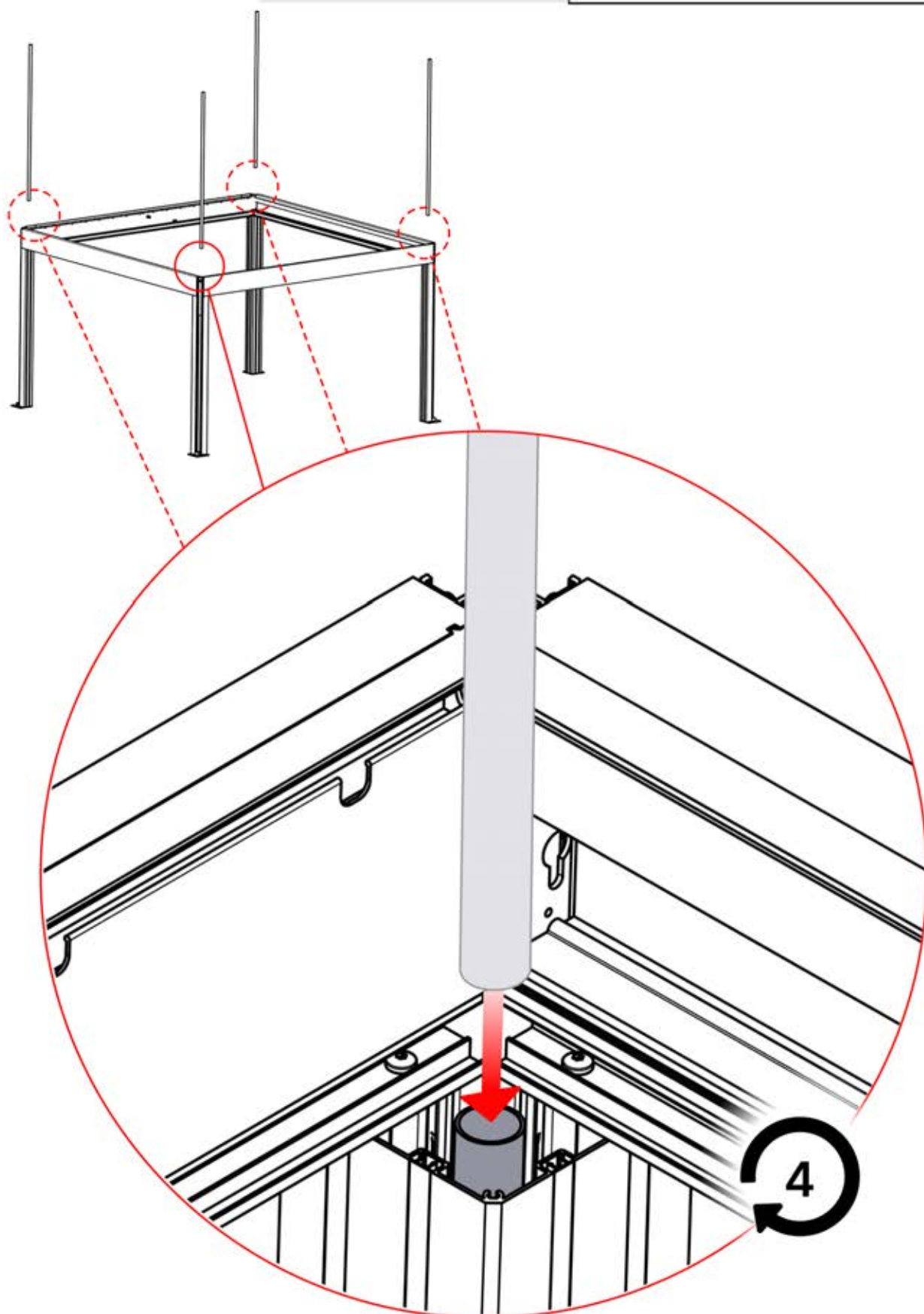
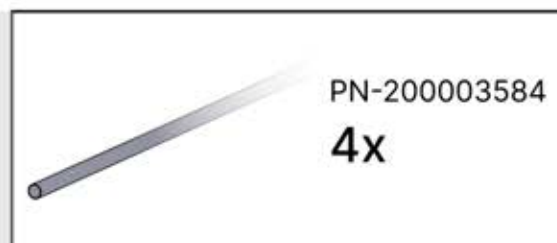
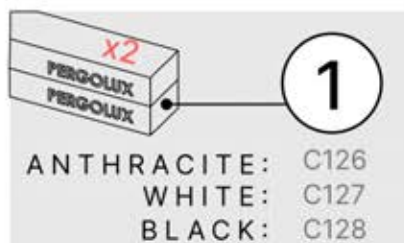
05



06



07



08



2

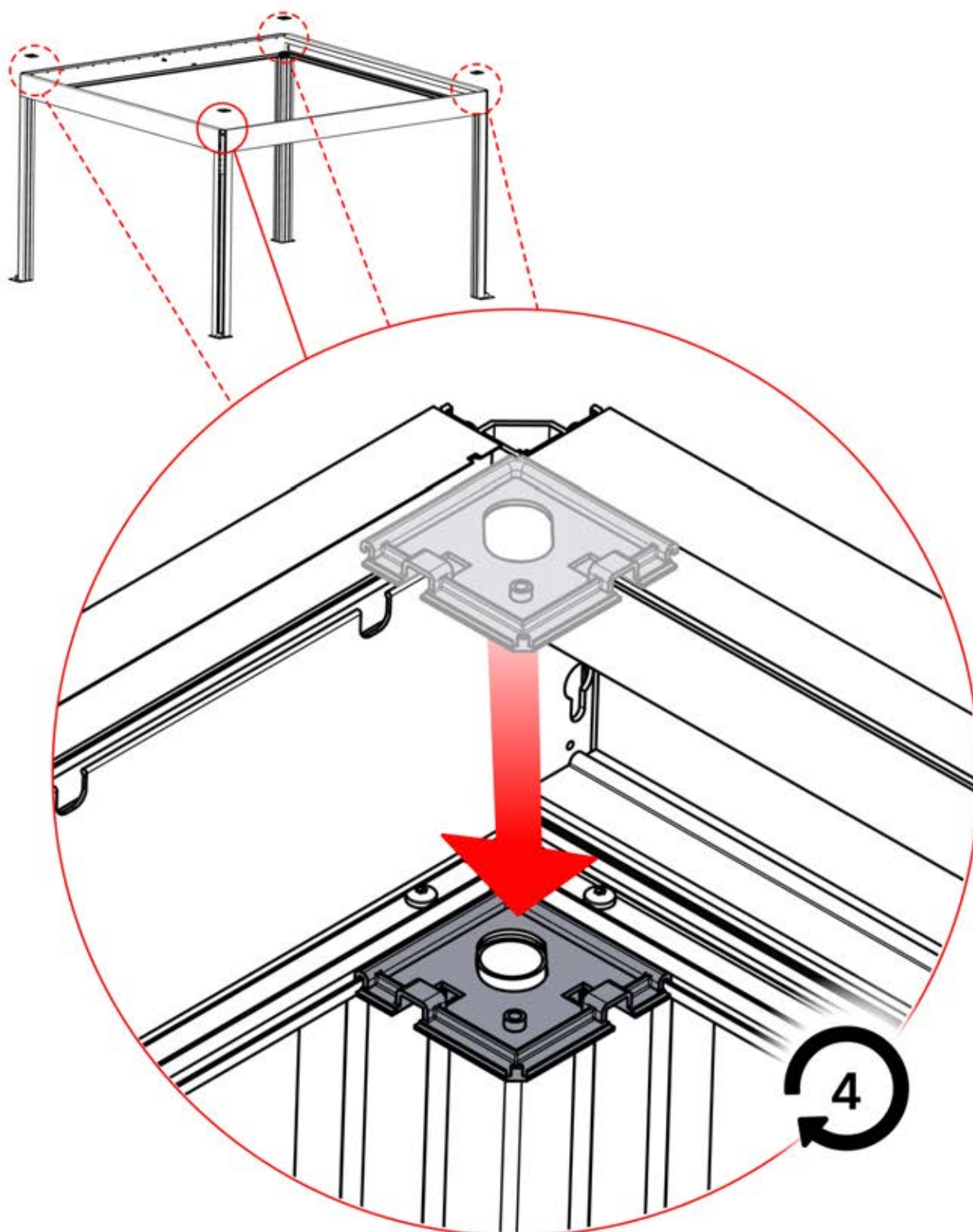
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WHITE: B288
BLACK: B292



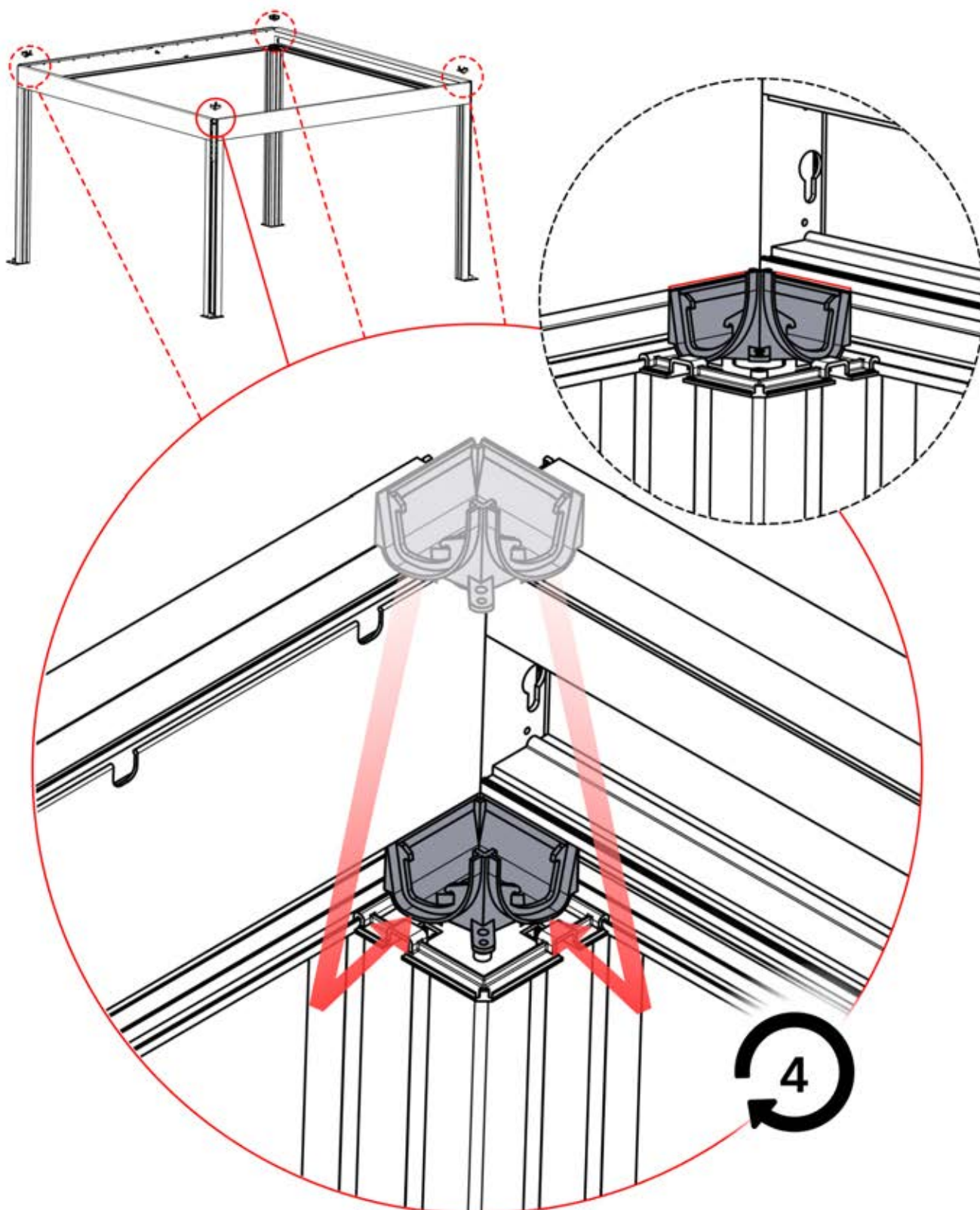
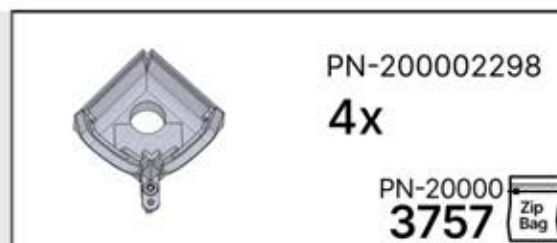
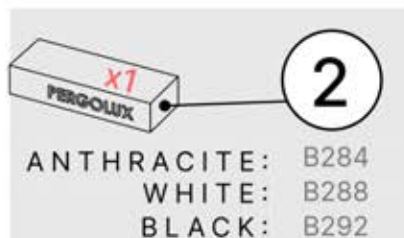
PN-200002284

4x

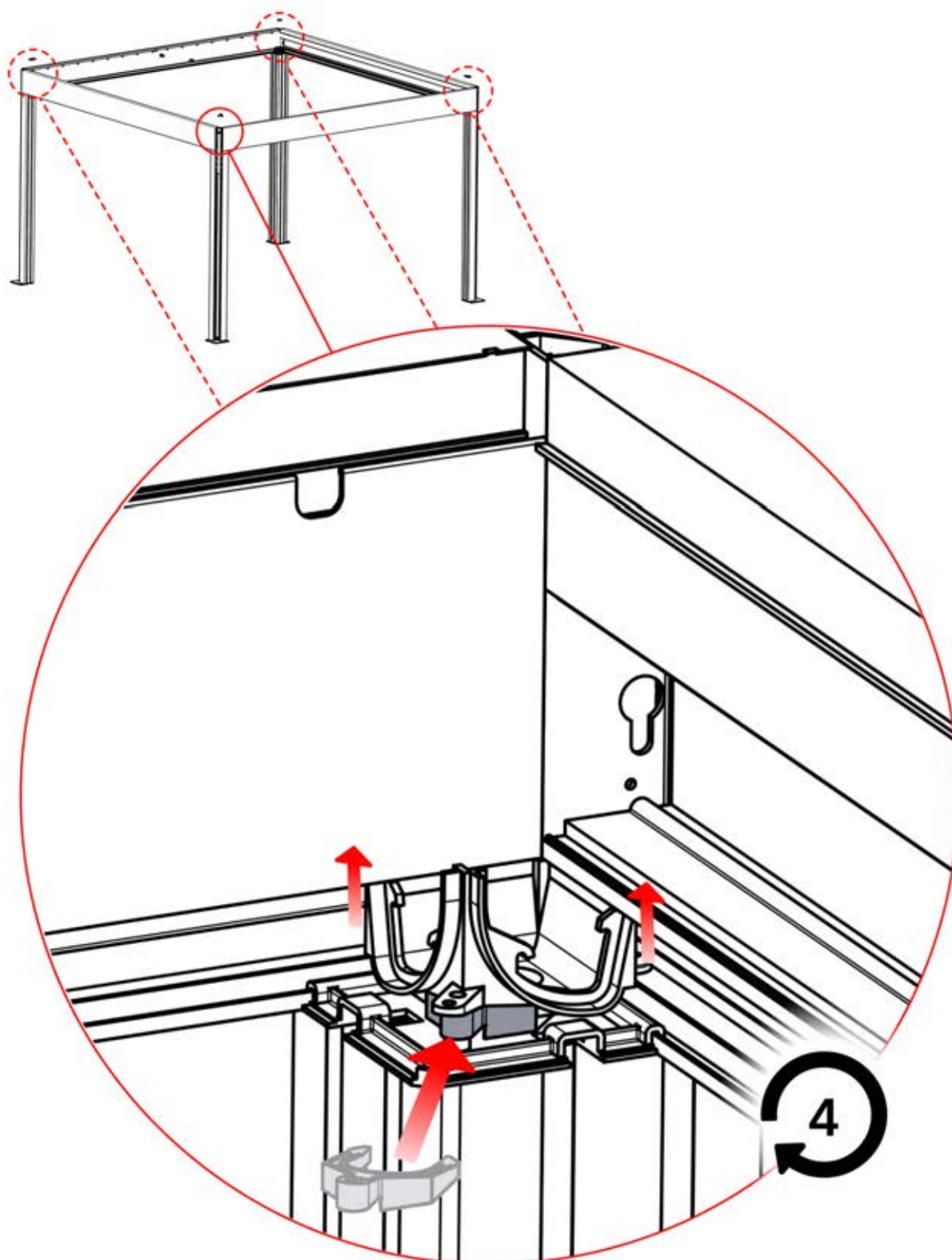
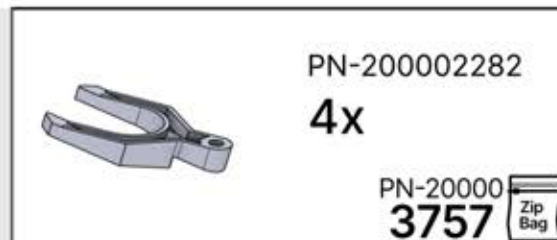
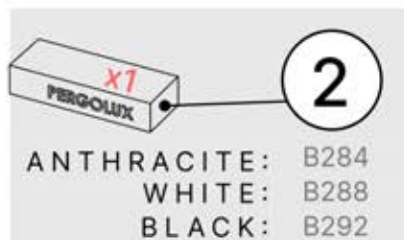
PN-20000
3758



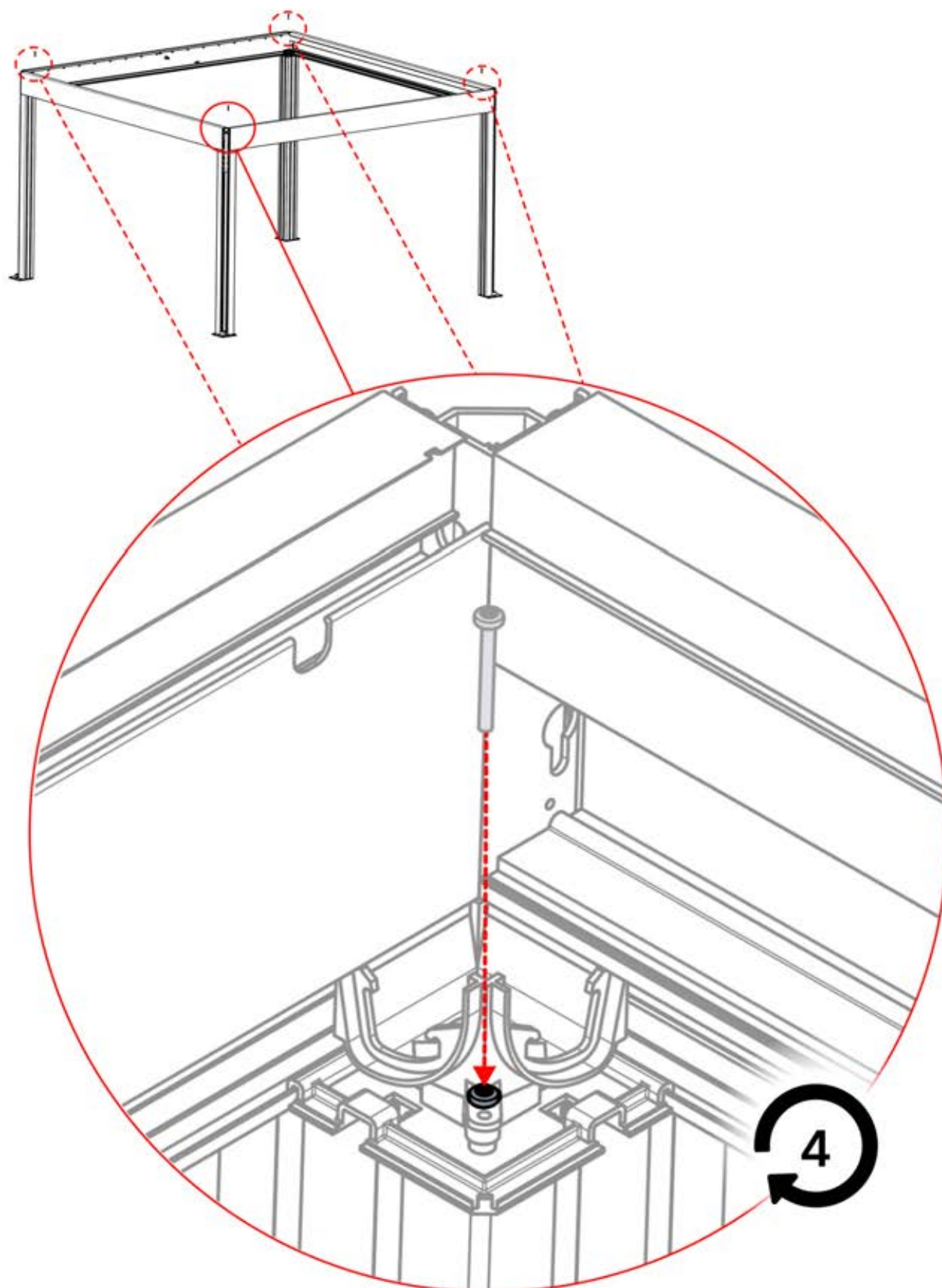
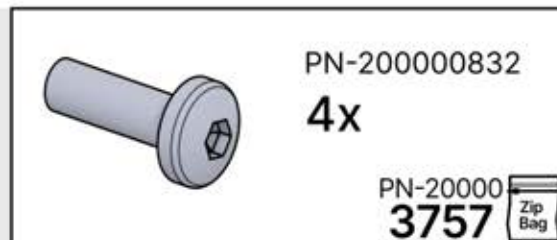
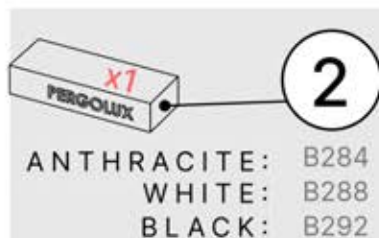
09



10



11



12


x7

2

ANTHRACITE: B284
 WHITE: B288
 BLACK: B292

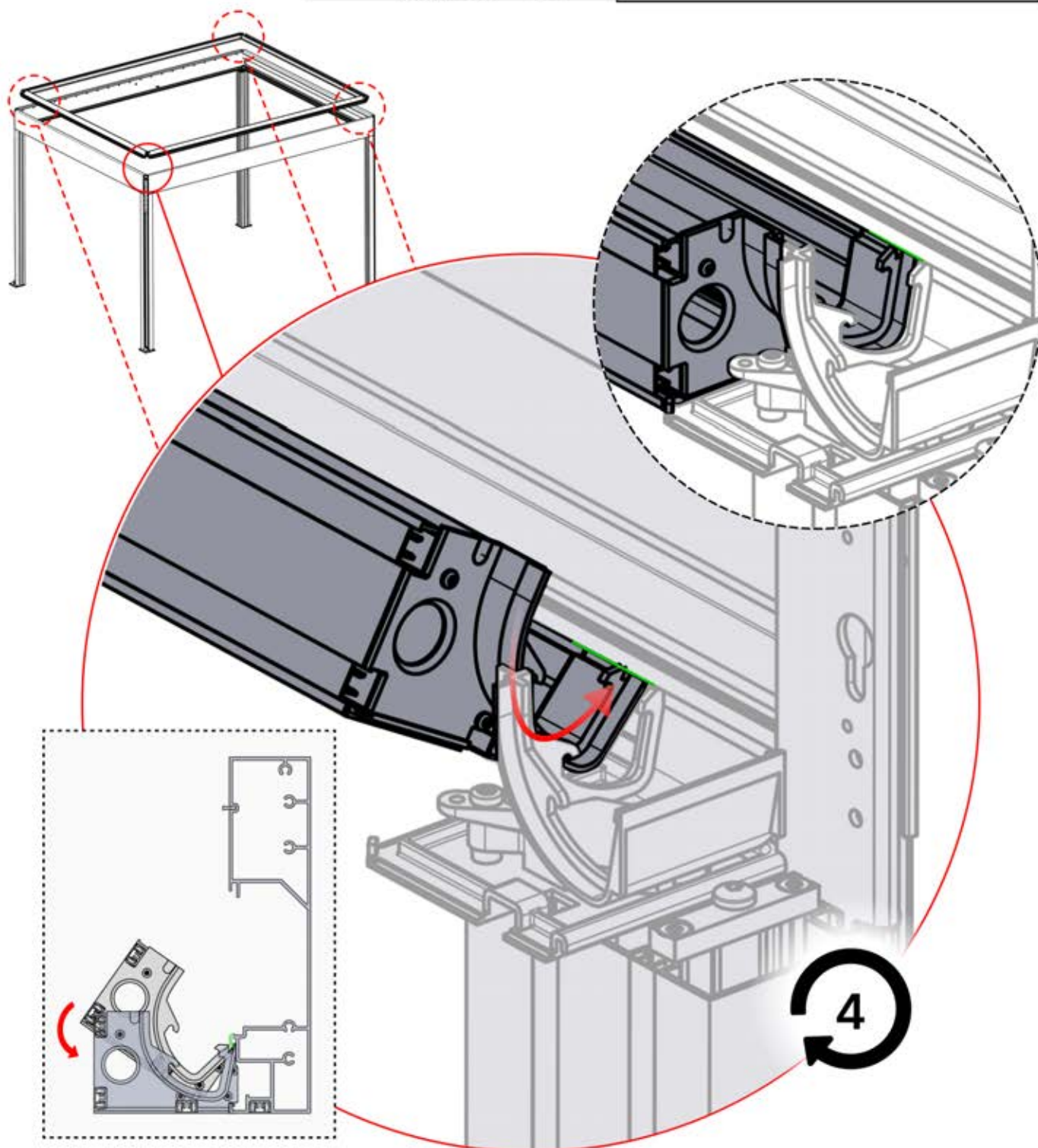

x7

3

ANTHRACITE: B307
 WHITE: B309
 BLACK: B311


PN-200002347
2x


PN-200002932
2x



13



3

ANTHRACITE: B307
 WHITE: B309
 BLACK: B311



2

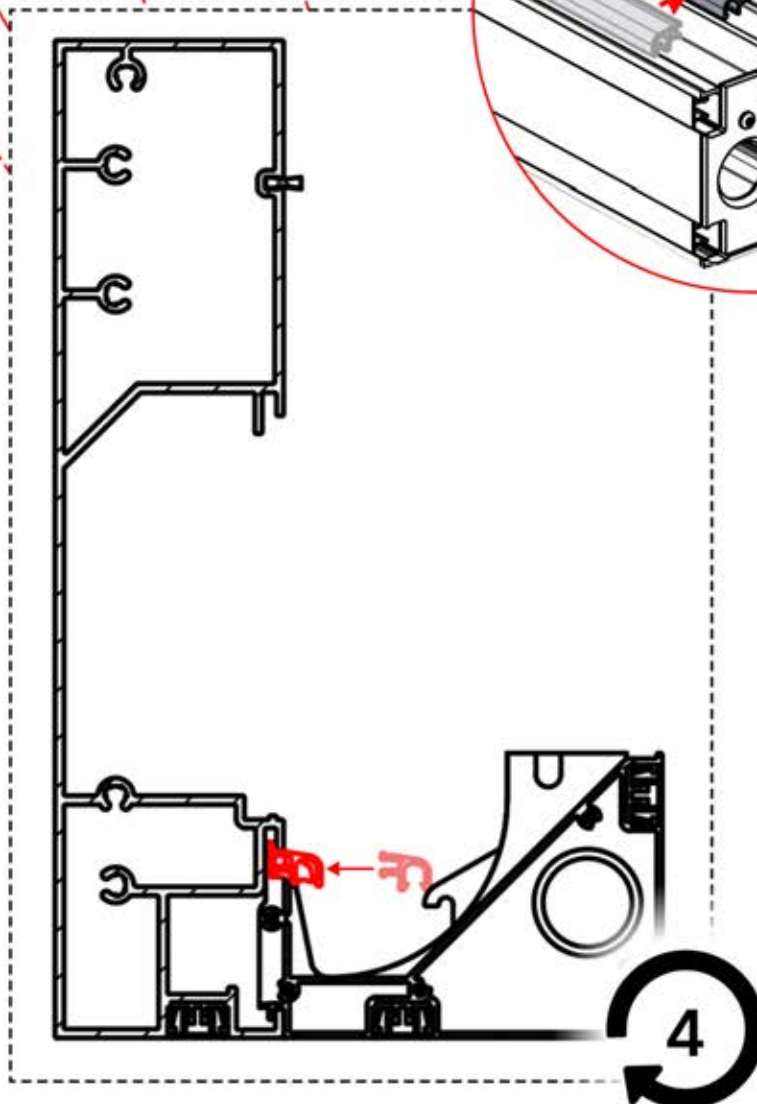
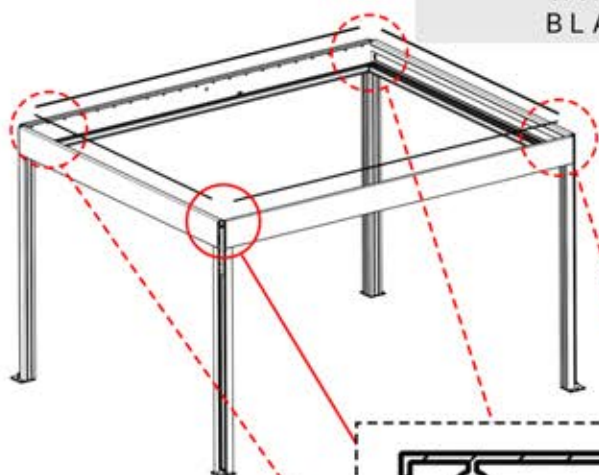
ANTHRACITE: B284
 WHITE: B288
 BLACK: B292



PN-200002933
 2x



PN-200002323
 2x



INFORMATION

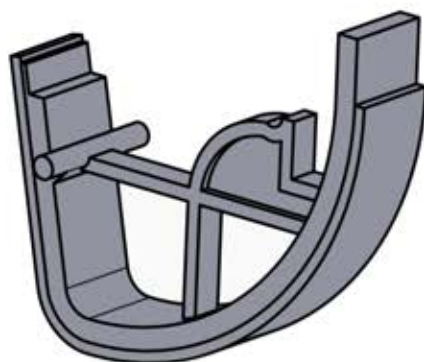


Apply grease to
part



2

ANTHRACITE: B284
WHITE: B288
BLACK: B292



PN-200003051

8x



PN-200003049

8x



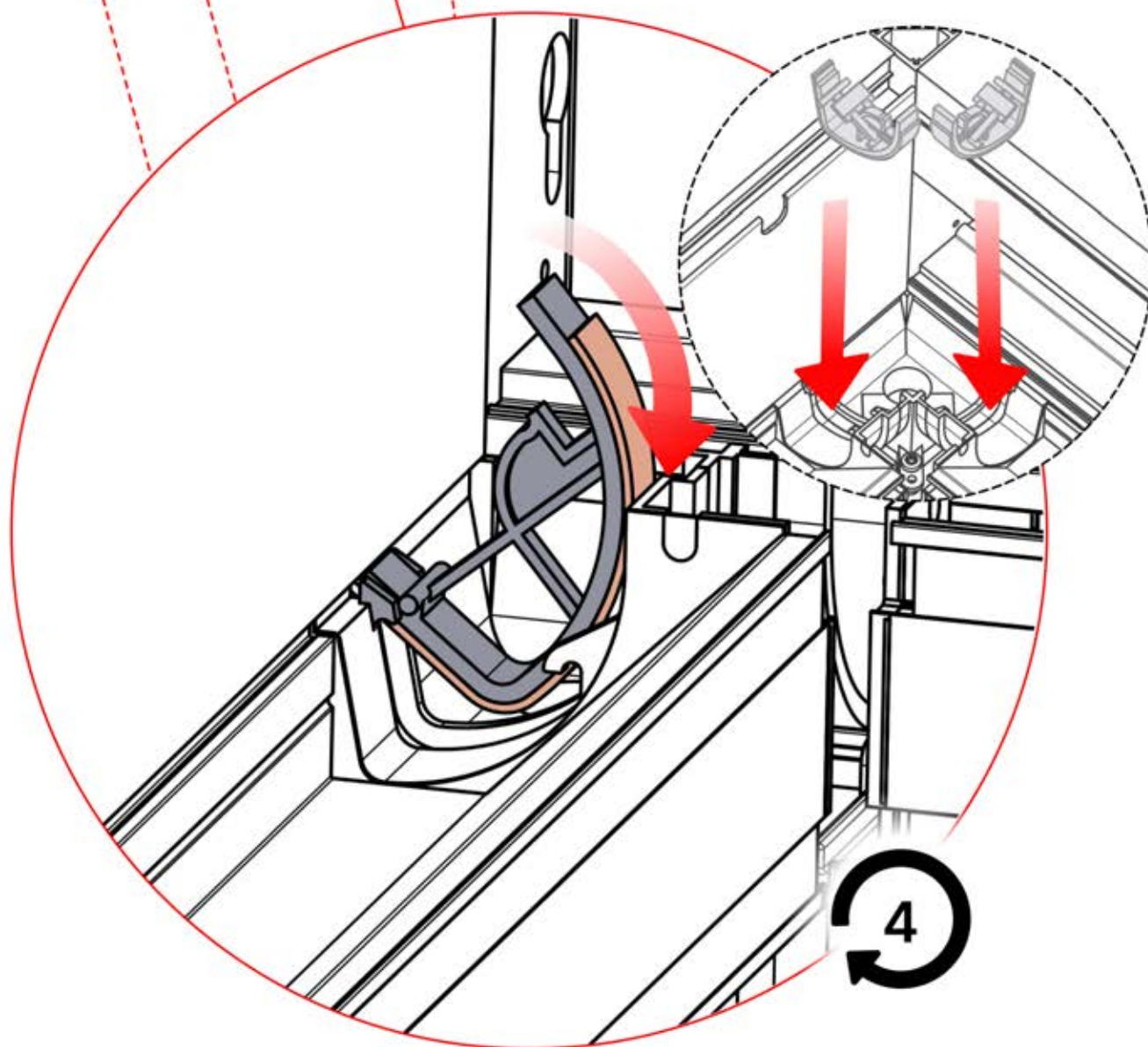
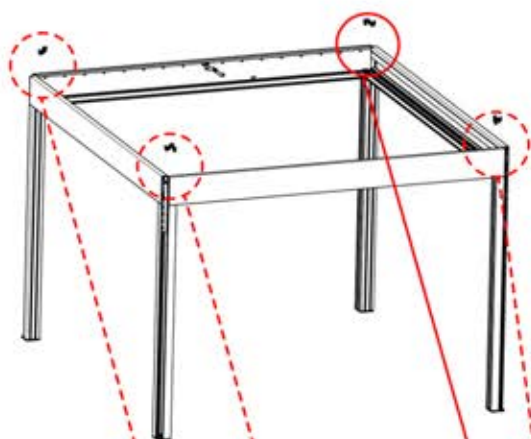
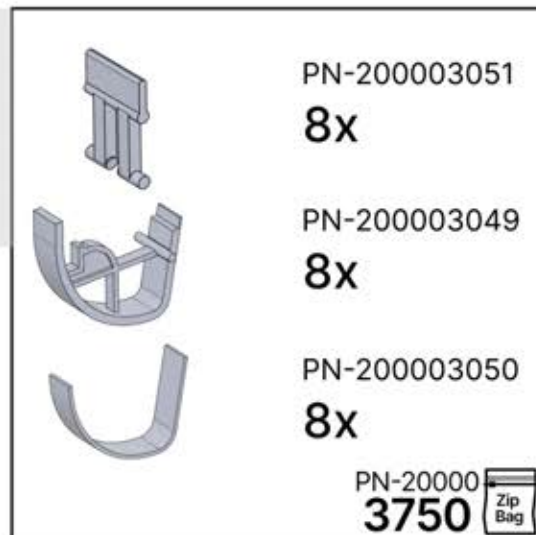
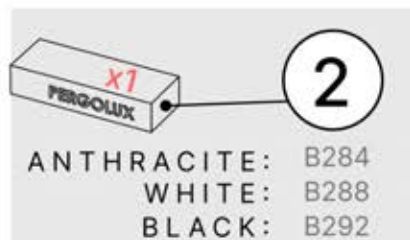
PN-200003050

8x

PN-20000
3750



14



15



2

ANTHRACITE: B284
WHITE: B288
BLACK: B292



PN-200003051
8x

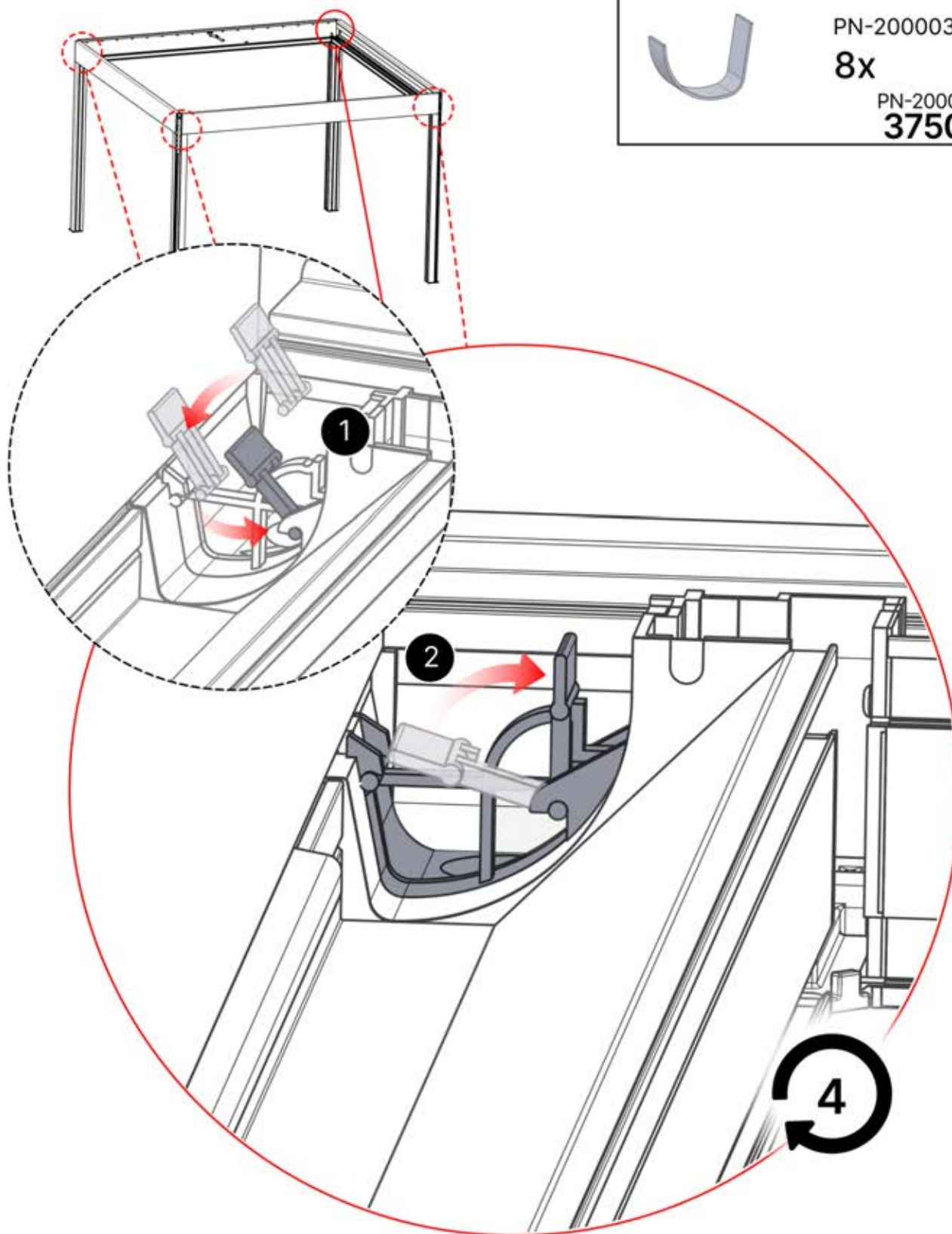


PN-200003049
8x



PN-200003050
8x

PN-20000
3750



16



x7

2

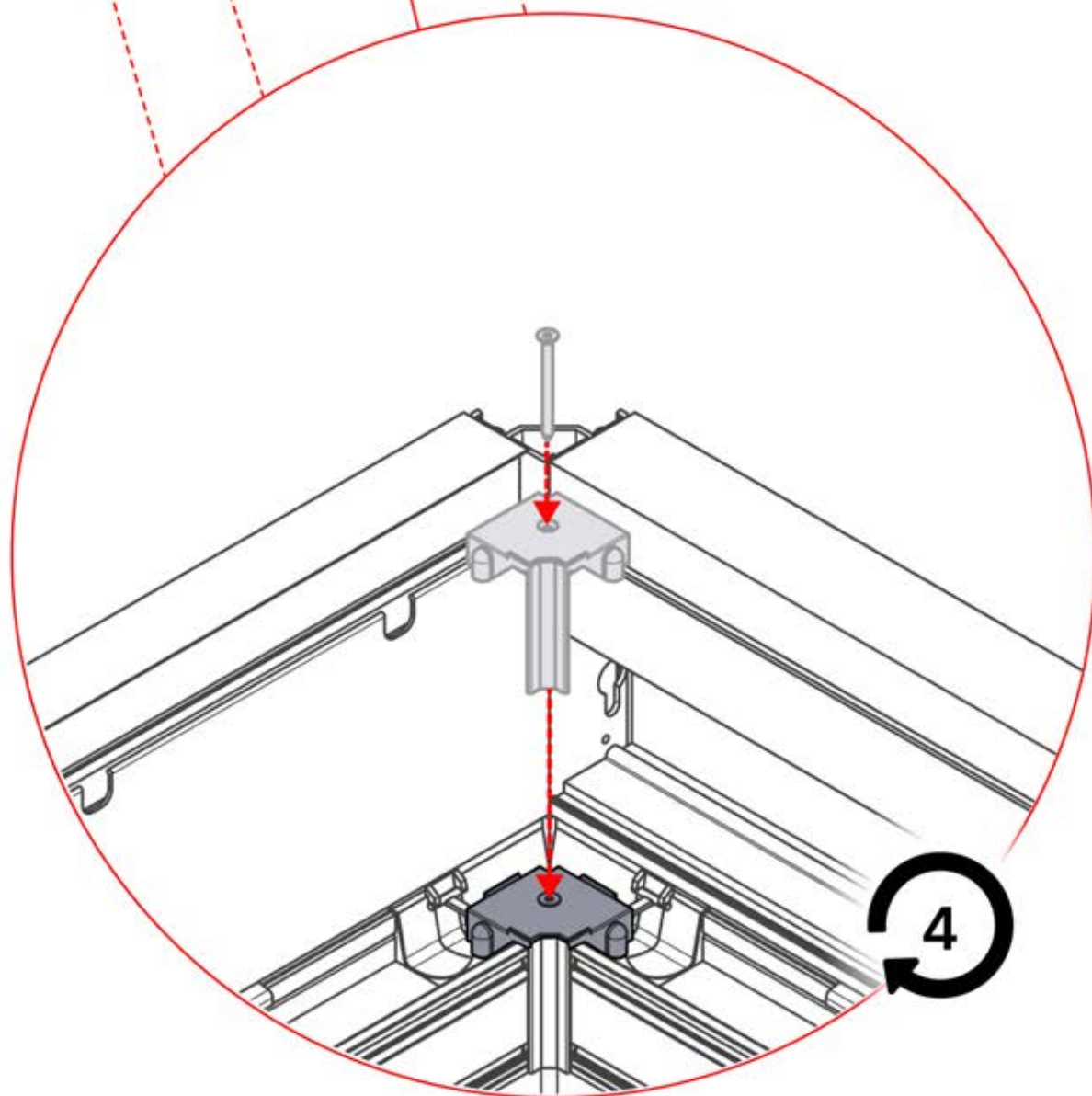
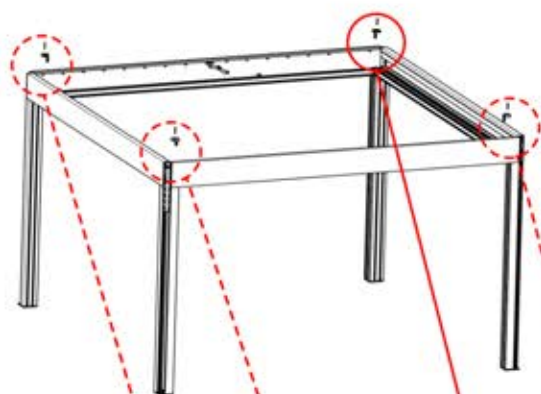
ANTHRACITE: B284
 WHITE: B288
 BLACK: B292



PN-200002289
4x
 PN-20000
3496 



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



17



2

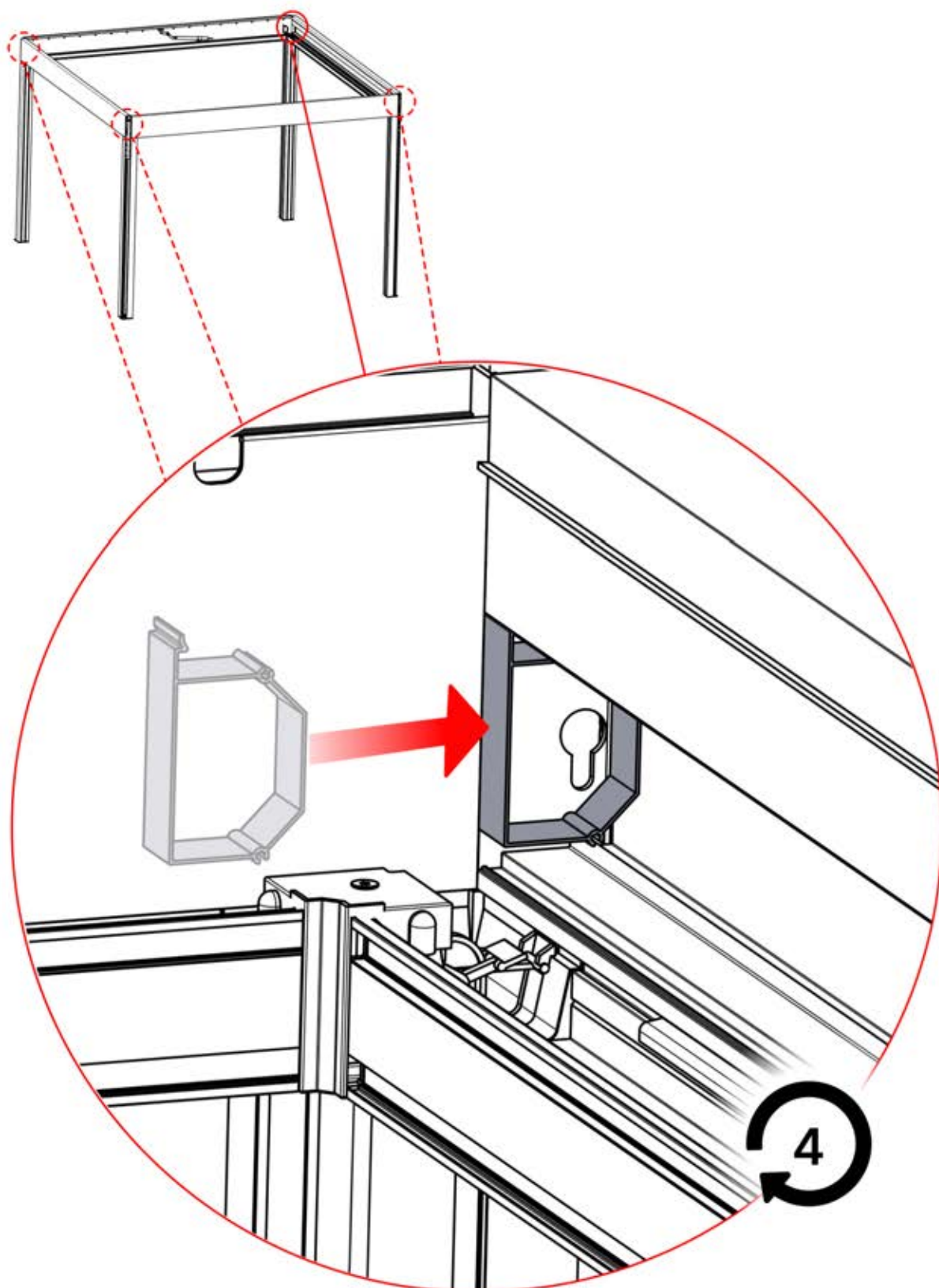
ANTHRACITE: B284
WHITE: B288
BLACK: B292



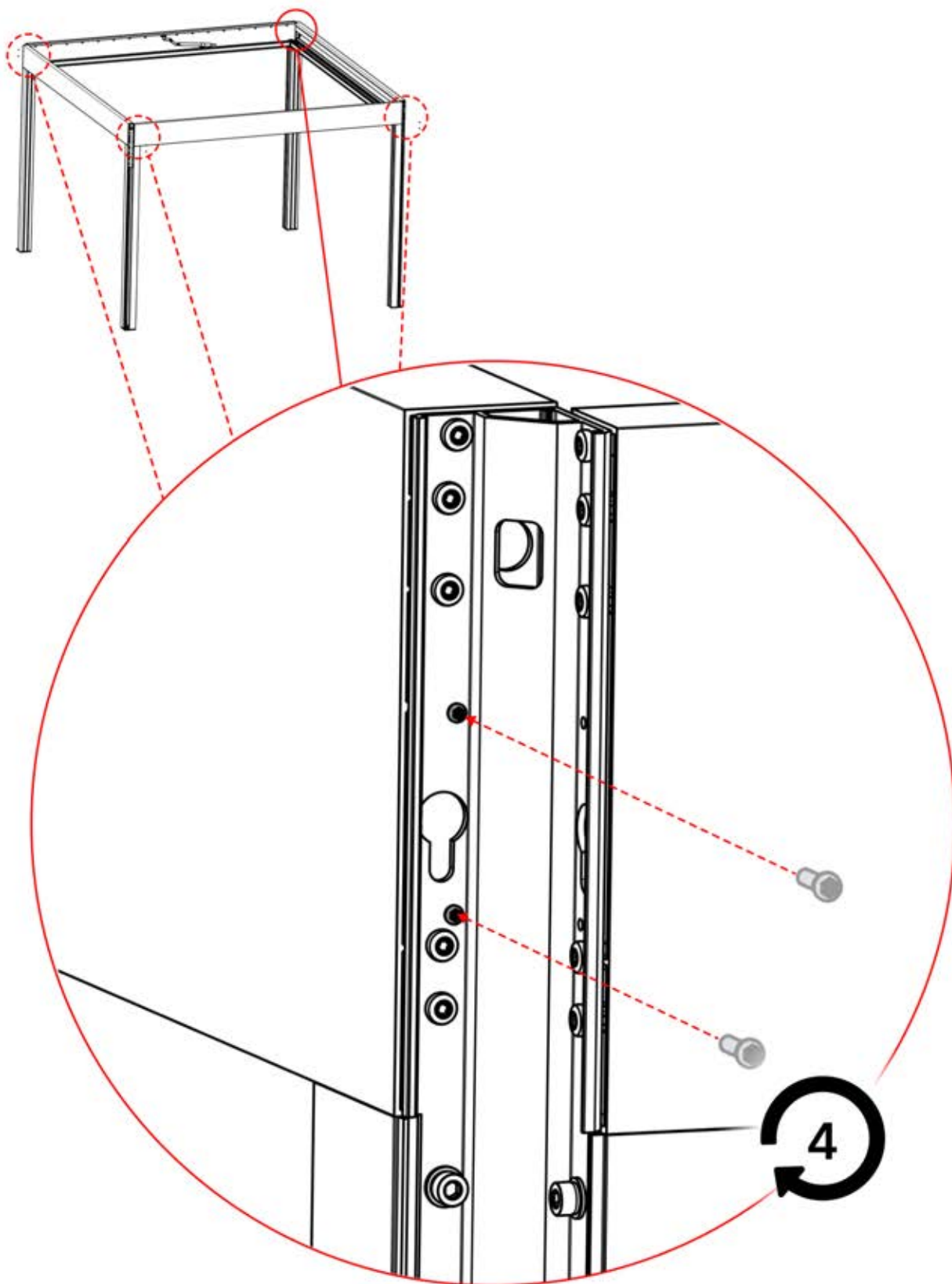
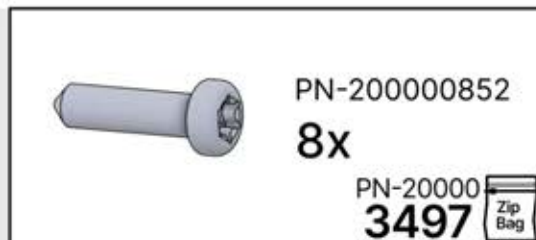
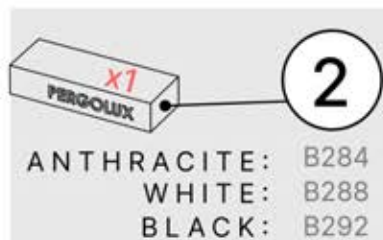
PN-200002329

4x

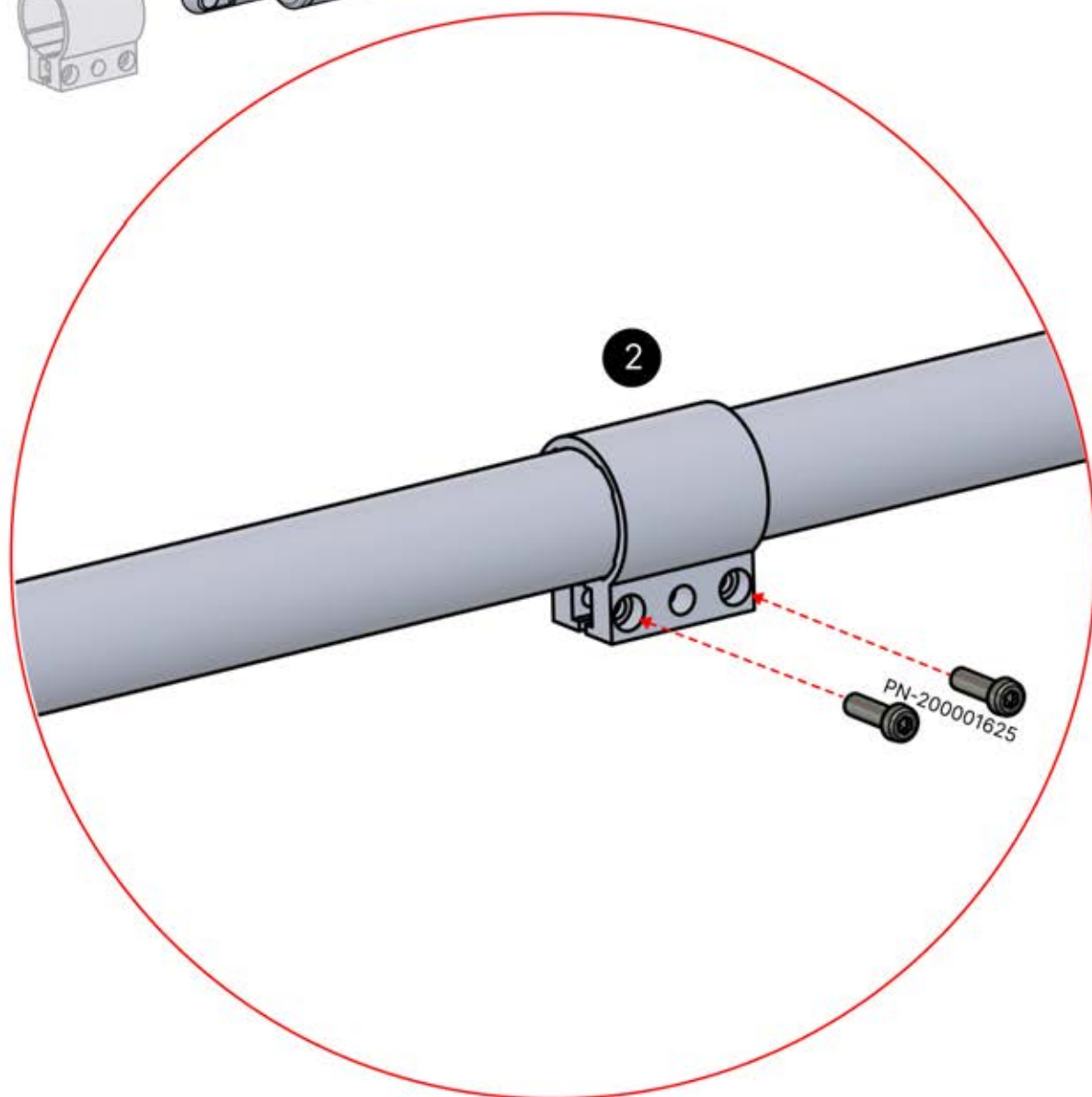
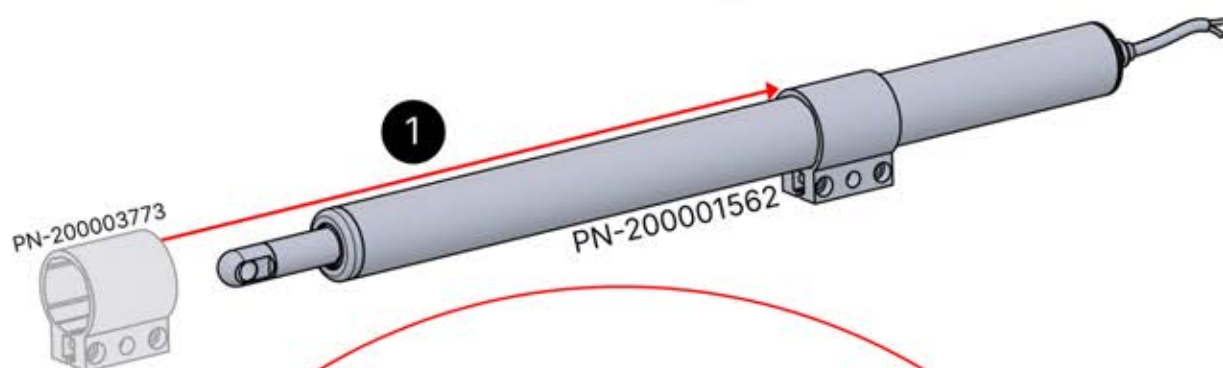
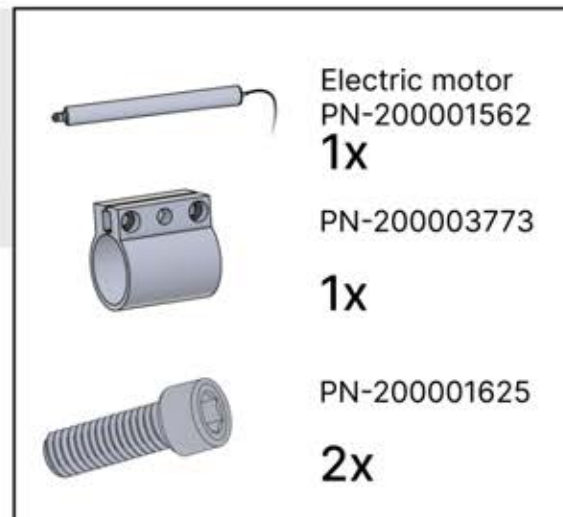
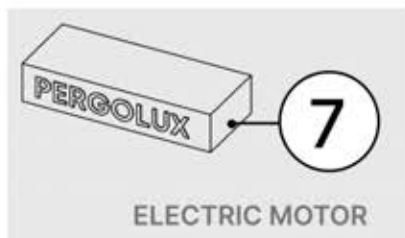
PN-20000
3497



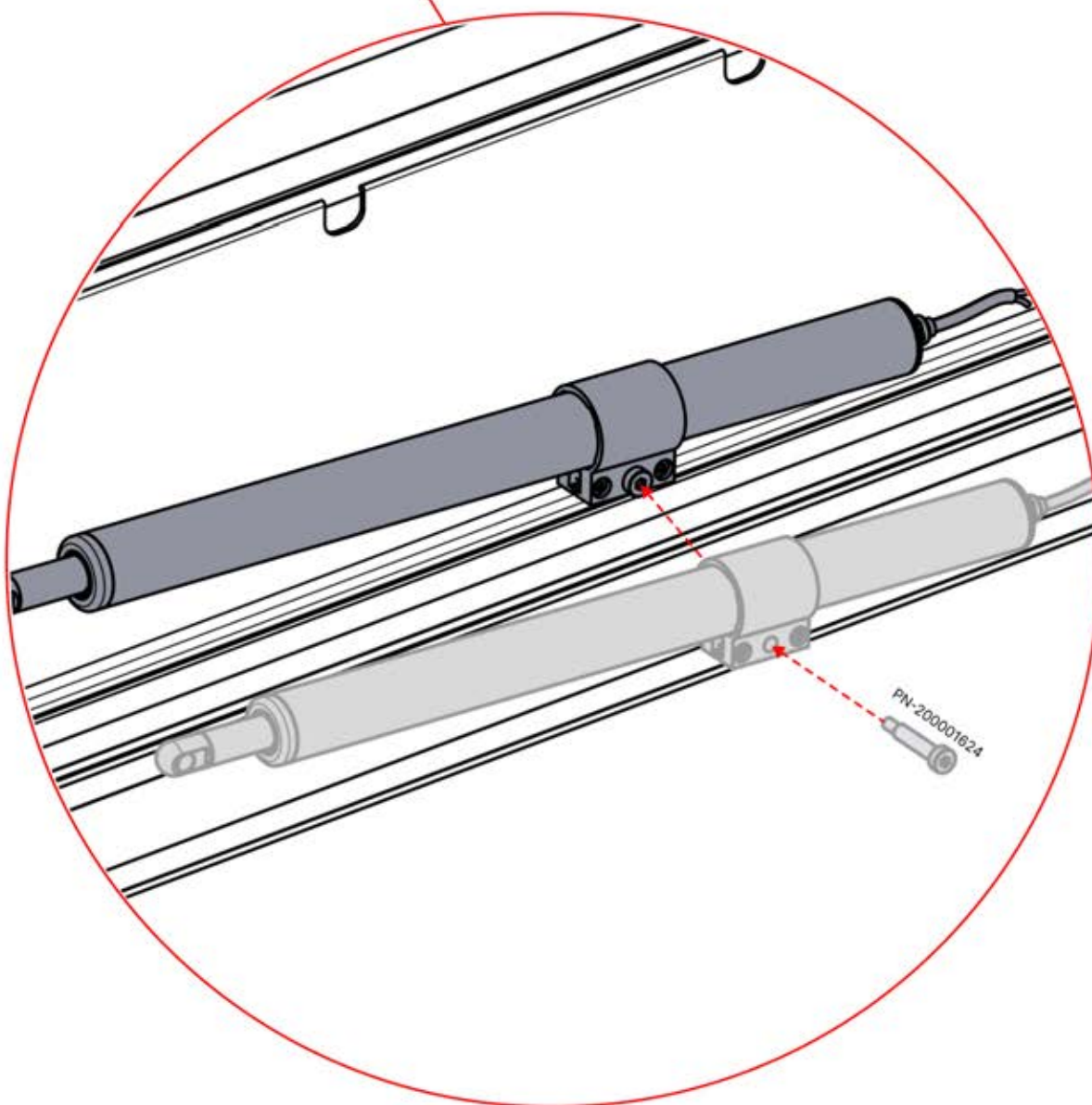
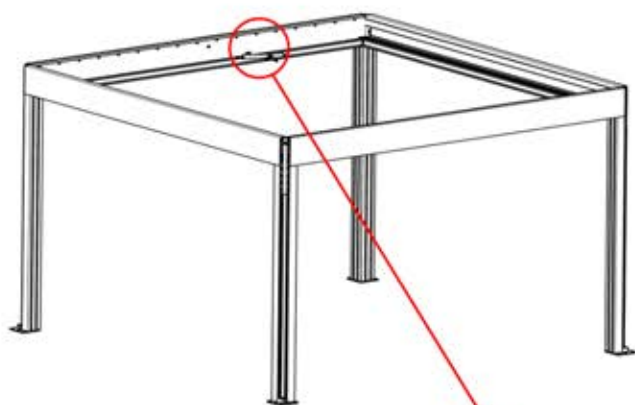
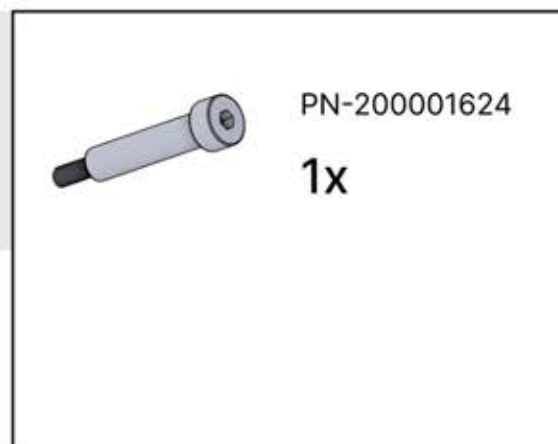
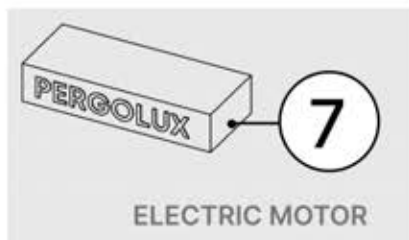
18



19

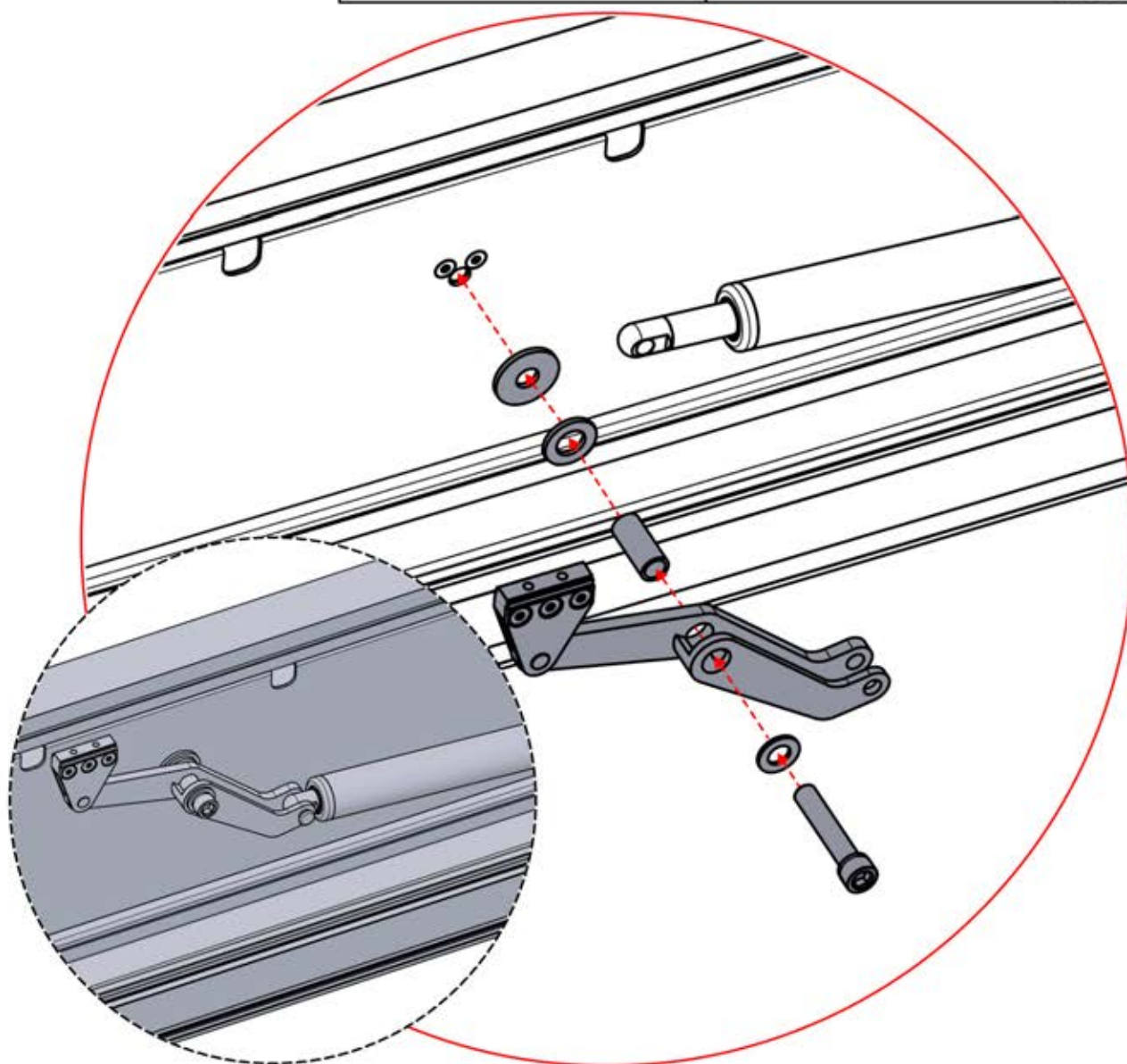


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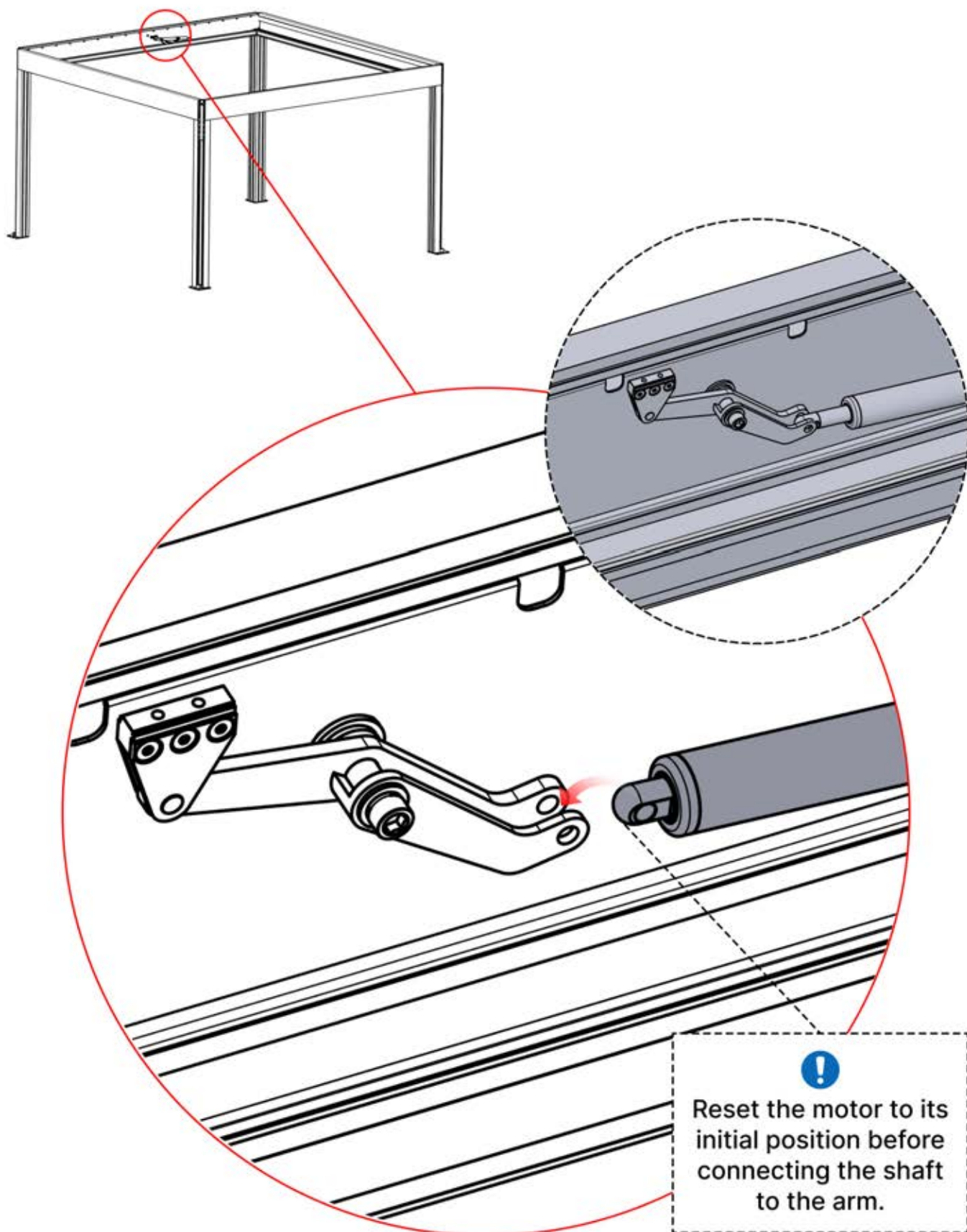


21

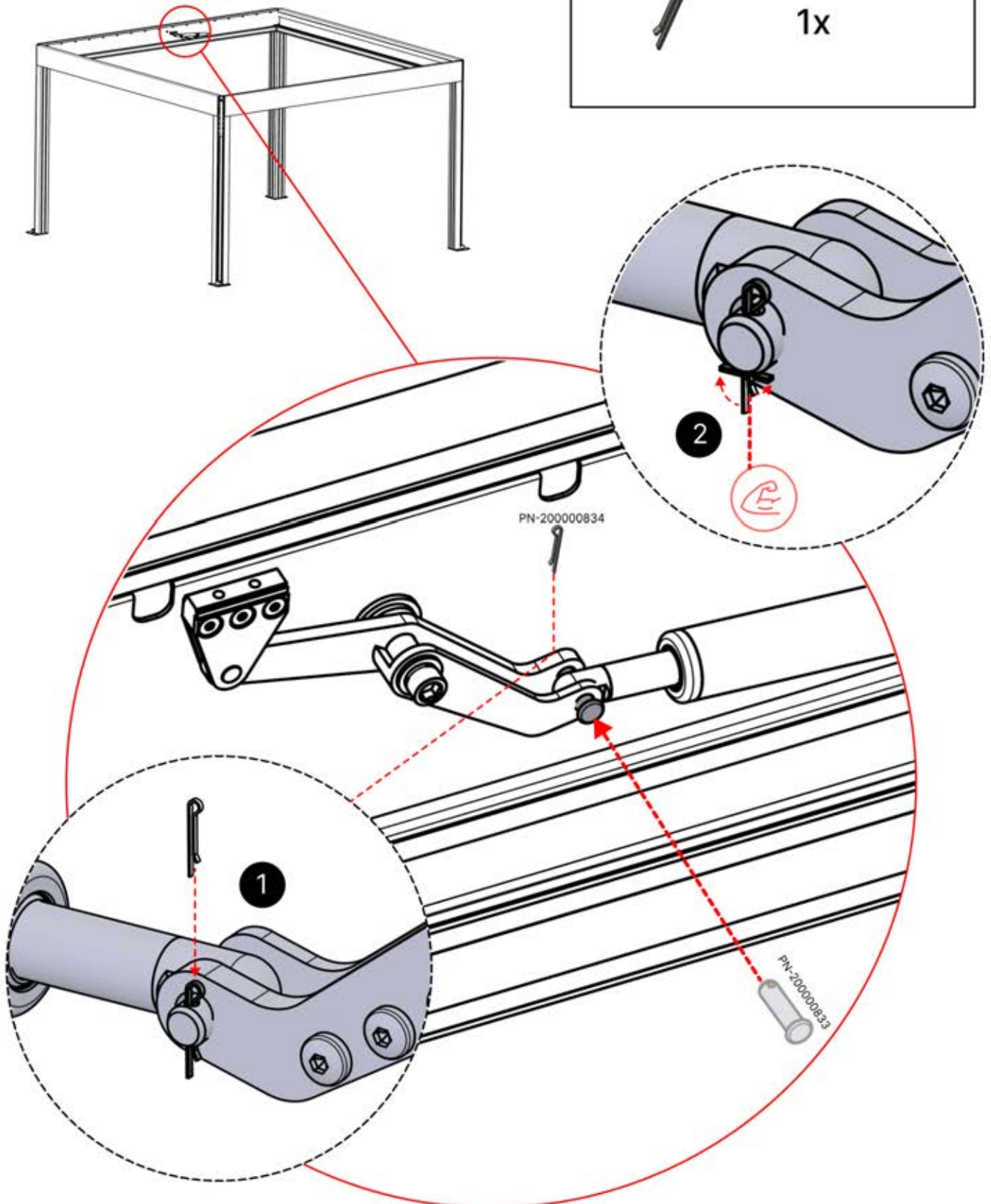
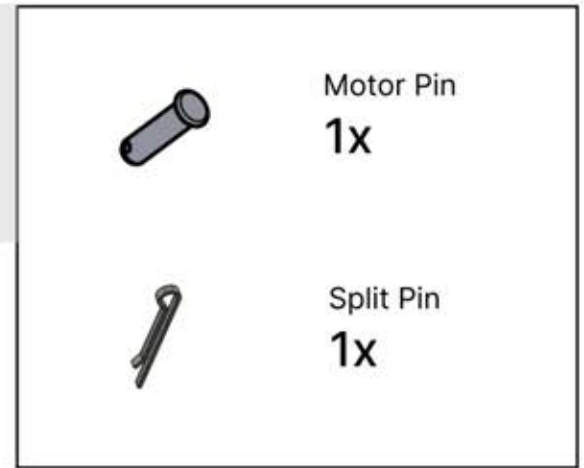
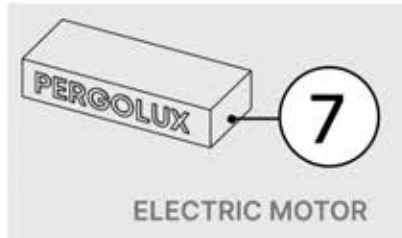
 ANTHRACITE: B284 WHITE: B288 BLACK: B292	 PN-200002326 1x  PN-200002328 2x  PN-200002327 1x  PN-200002333 1x  PN-200002355 1x PN-20000 3751 
 PN-200003500 1x  PN-200002330 1x  PN-200002324 1x	



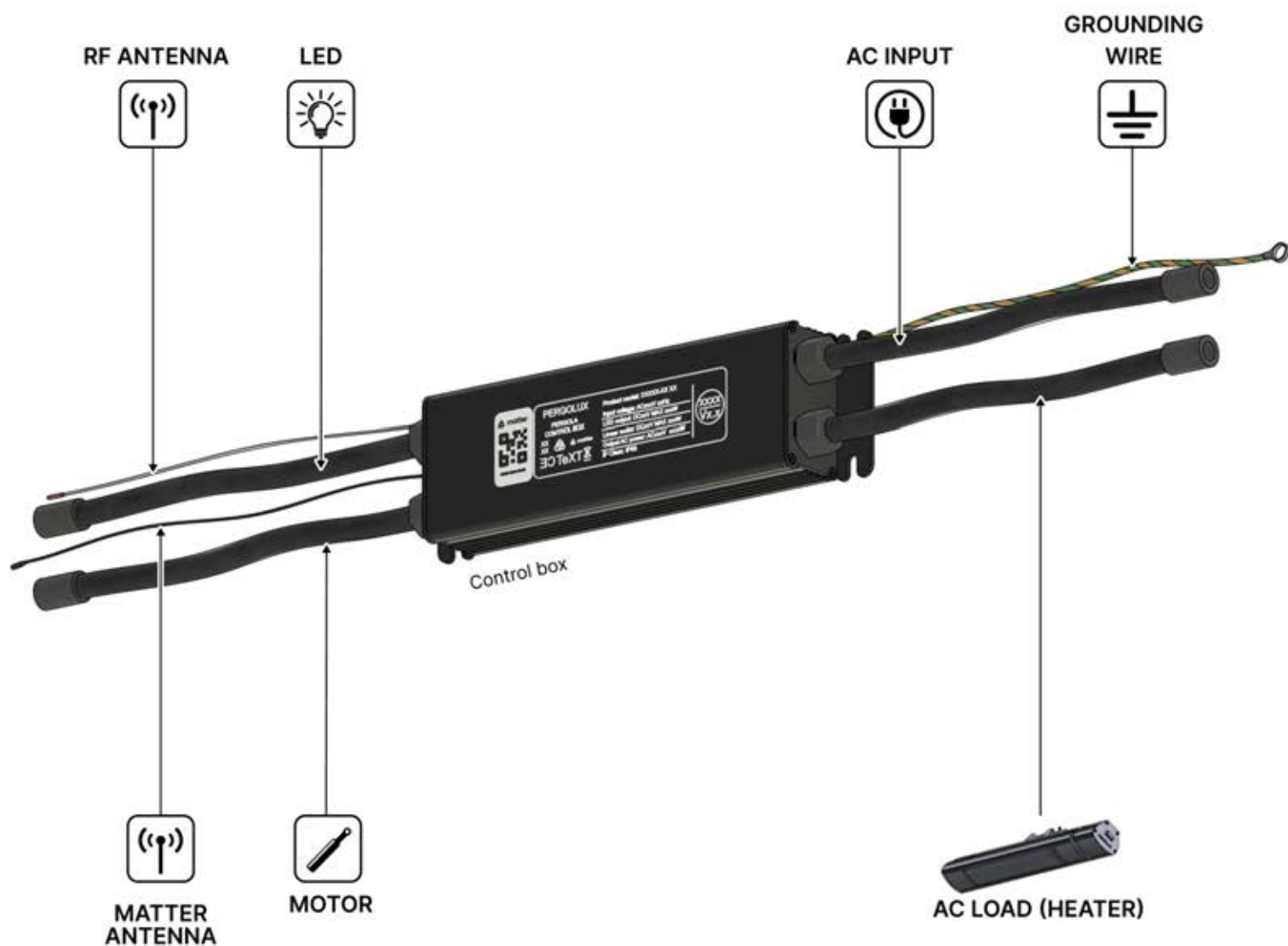
22



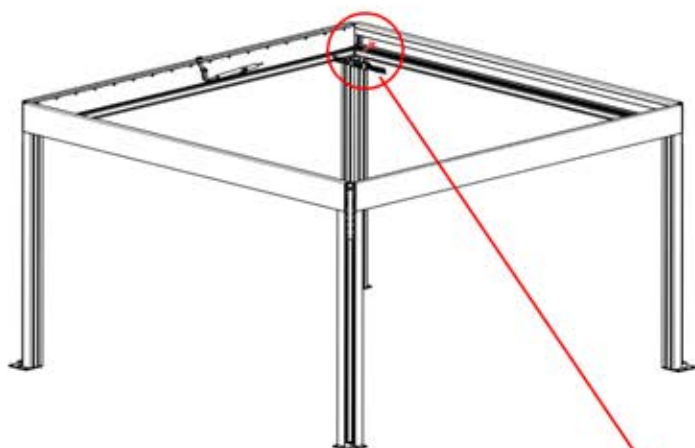
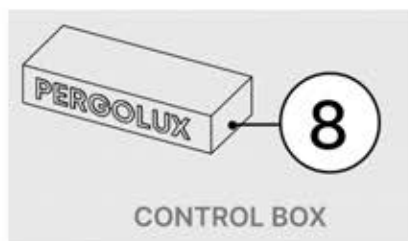
23



INPUTS AND OUTPUTS

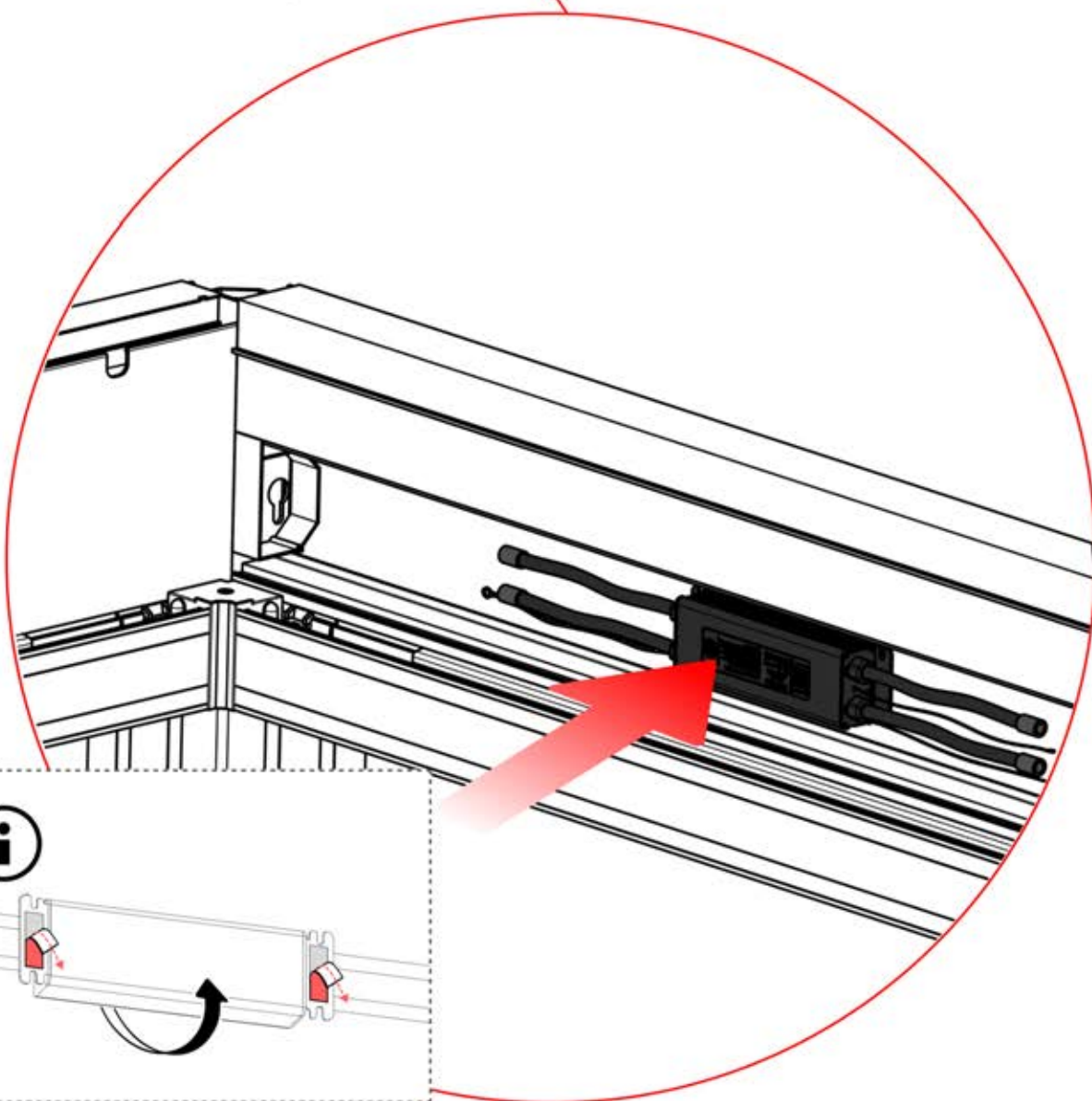


24

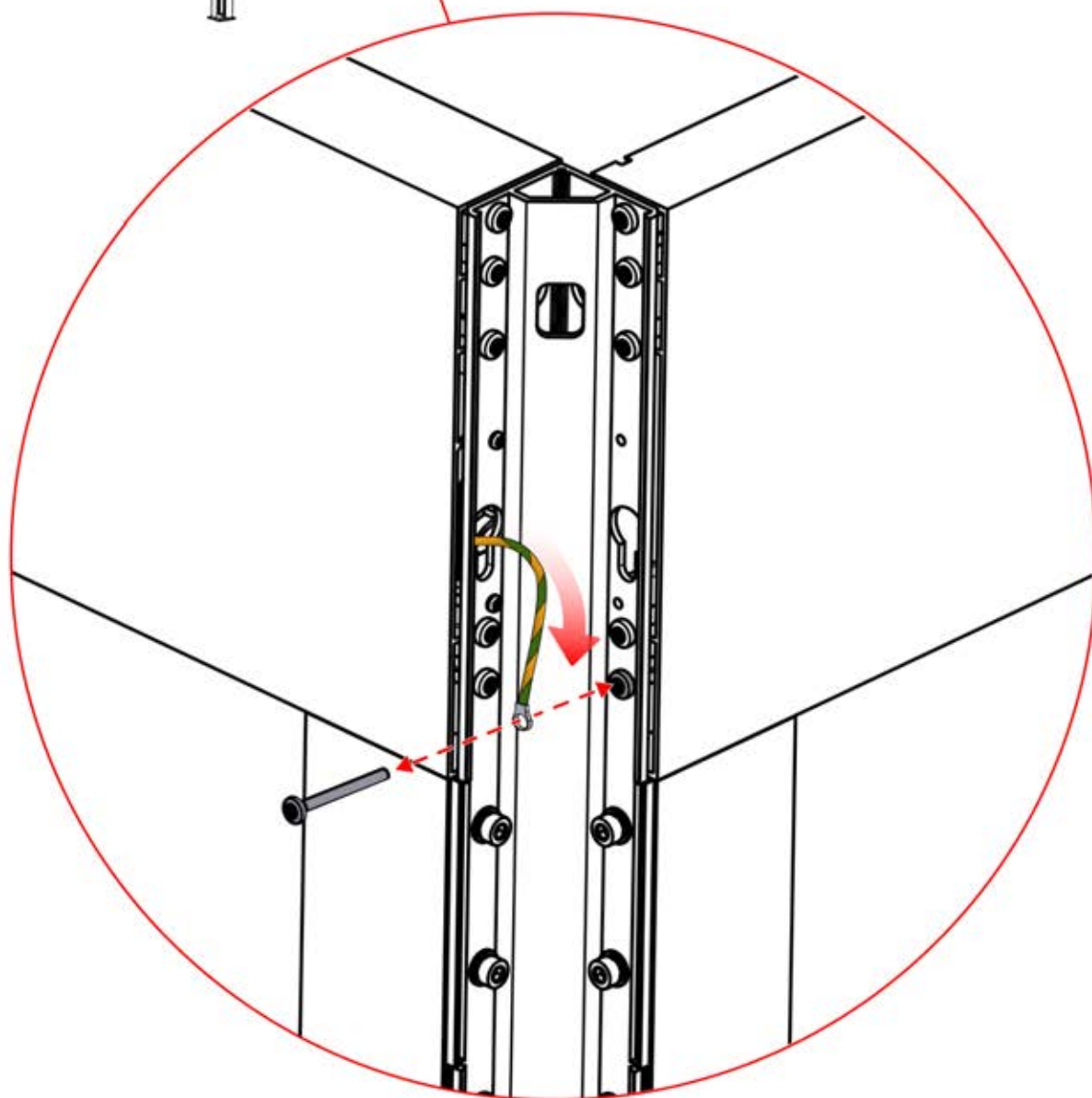
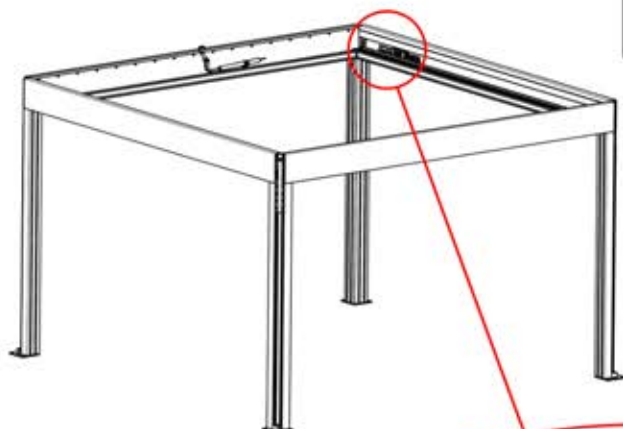
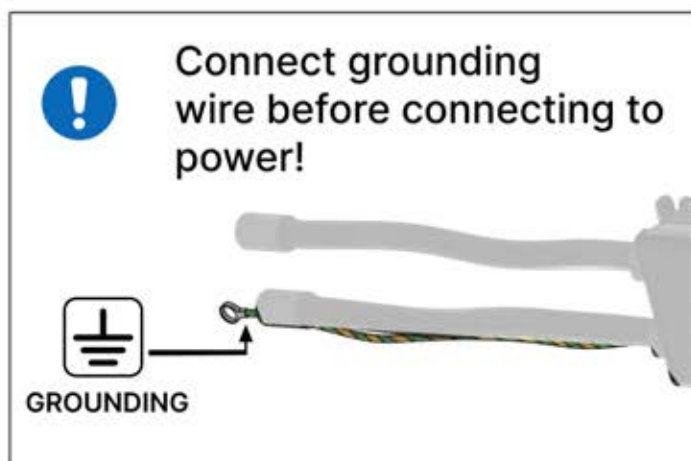


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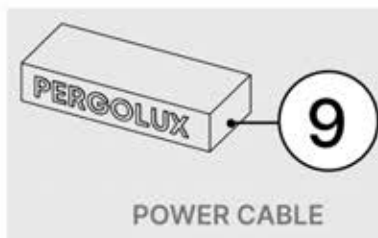
Control Box can be
installed on
Preferred W BEAM



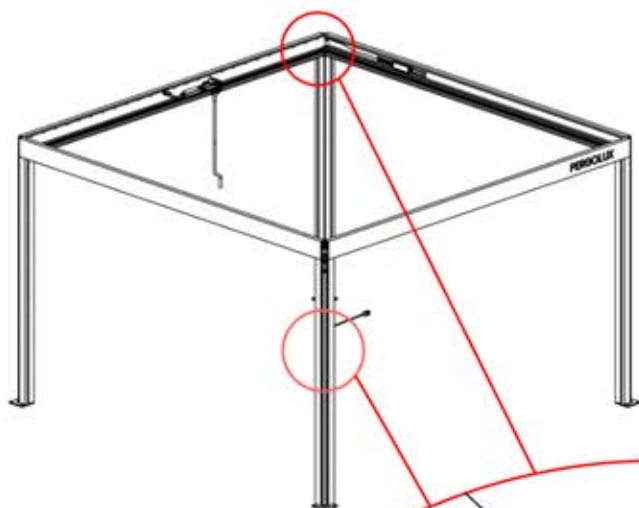
25



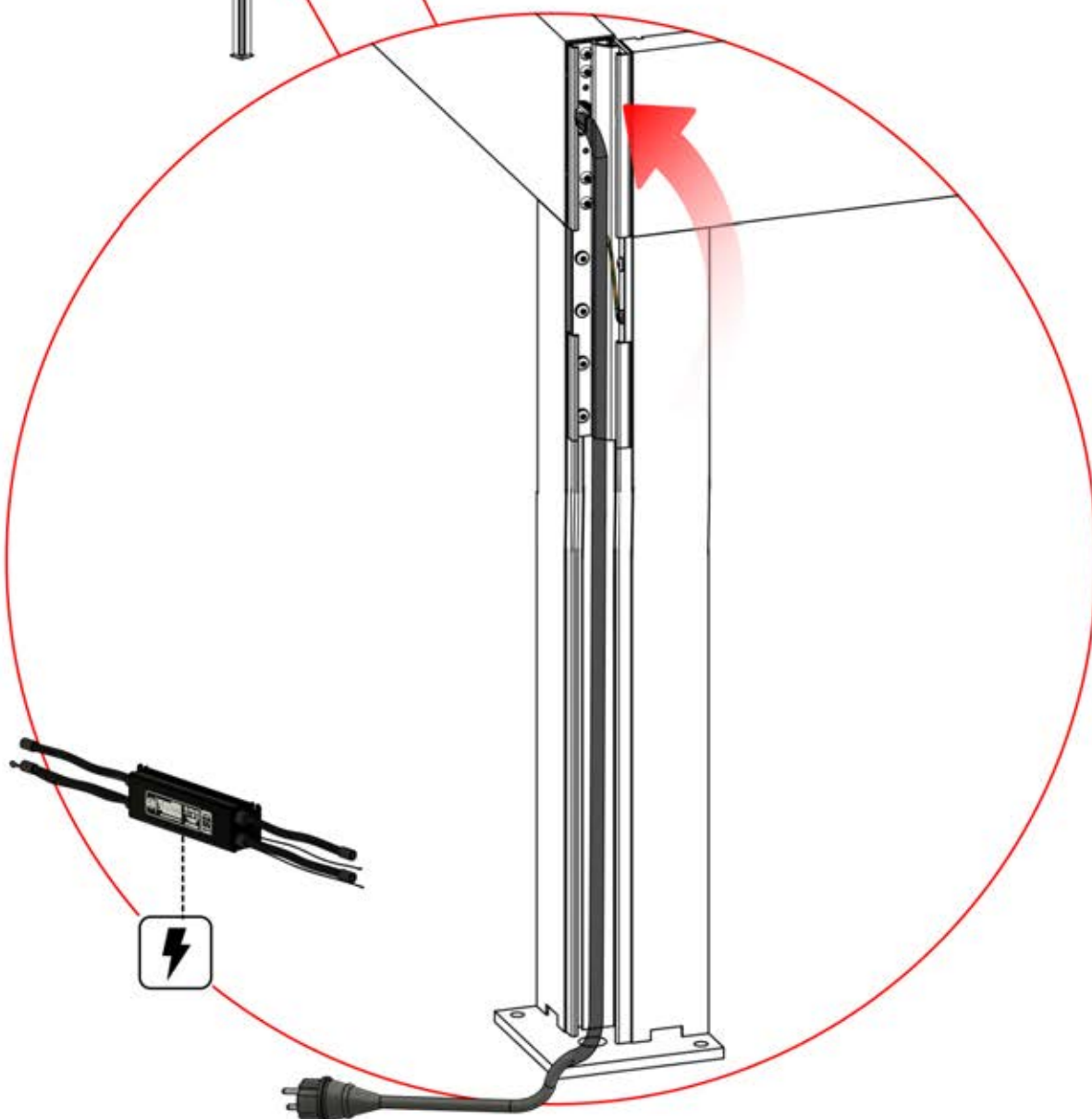
26



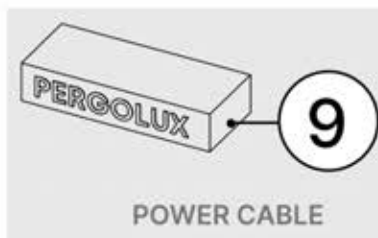
Power cable
PN-200003781
1x



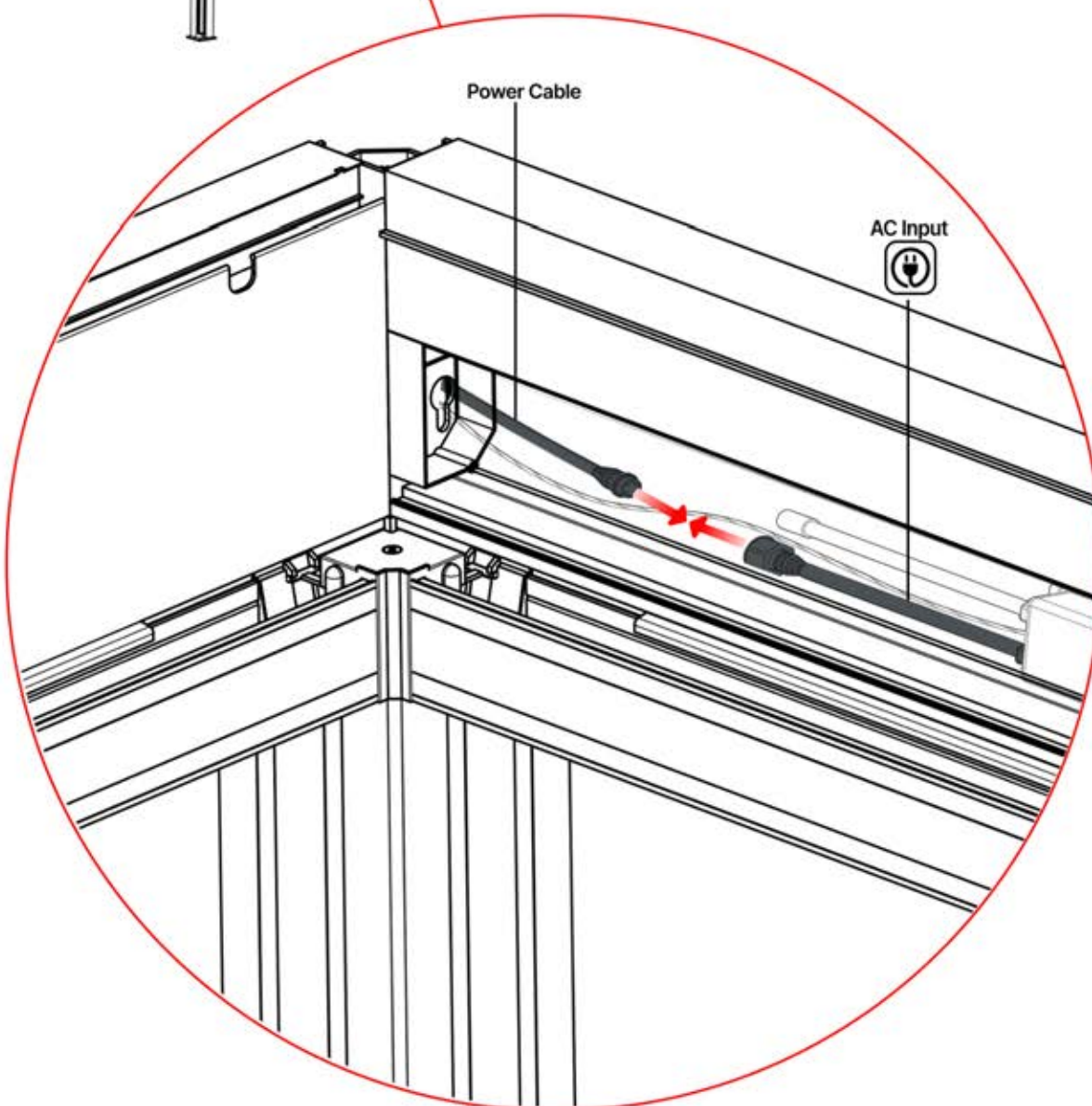
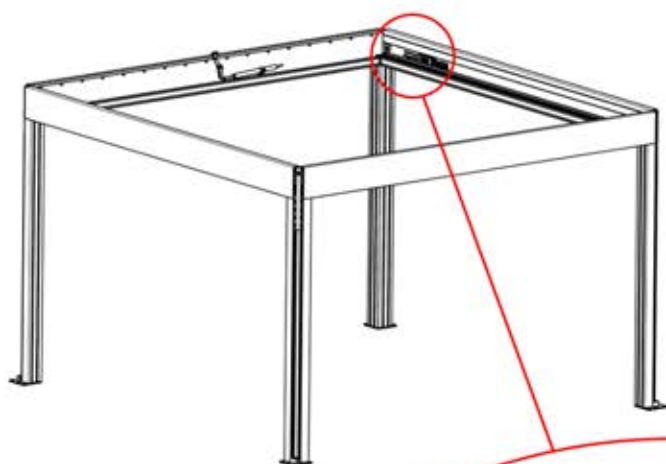
Power Cable can be
routed through all
the Poles.



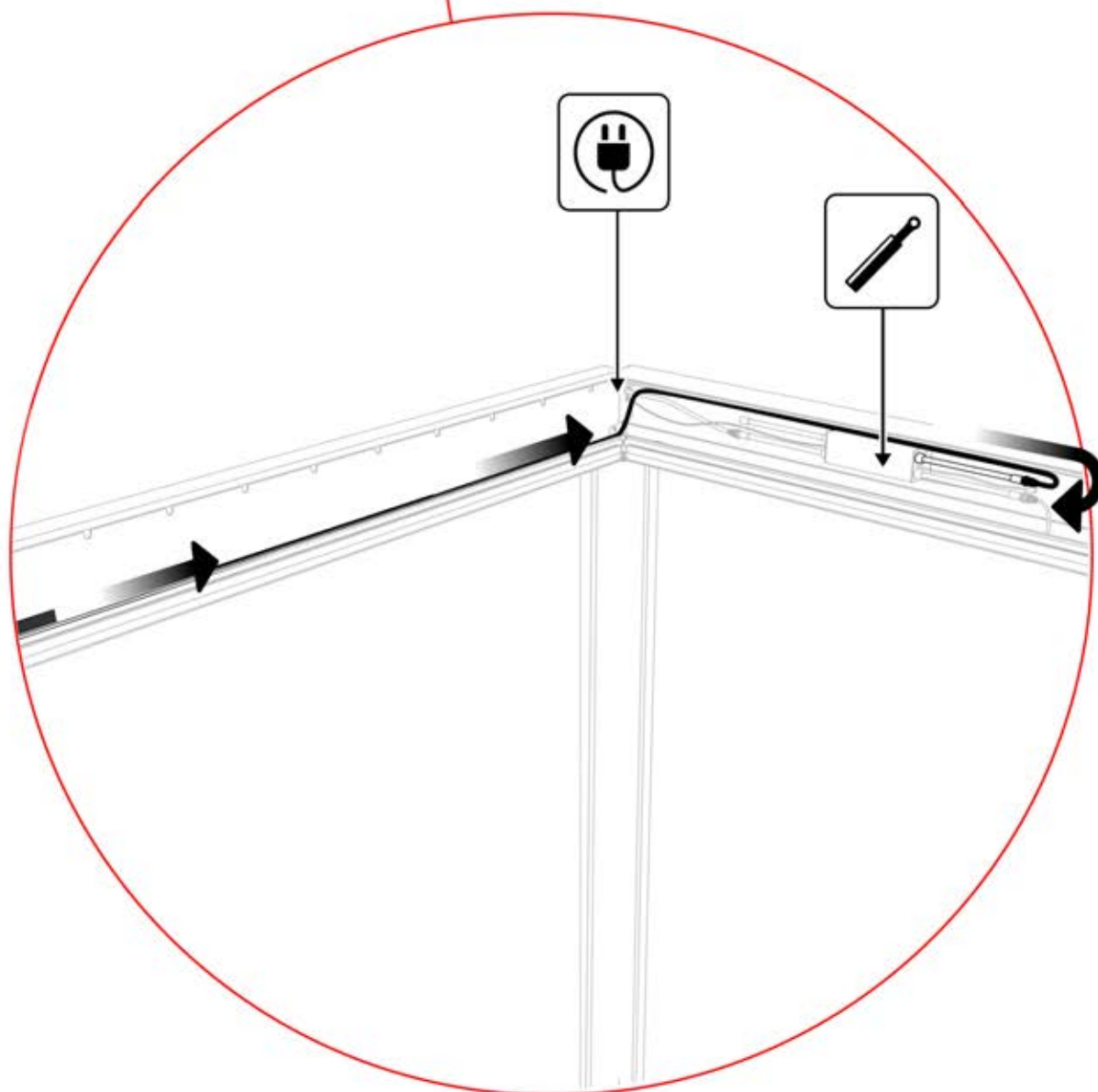
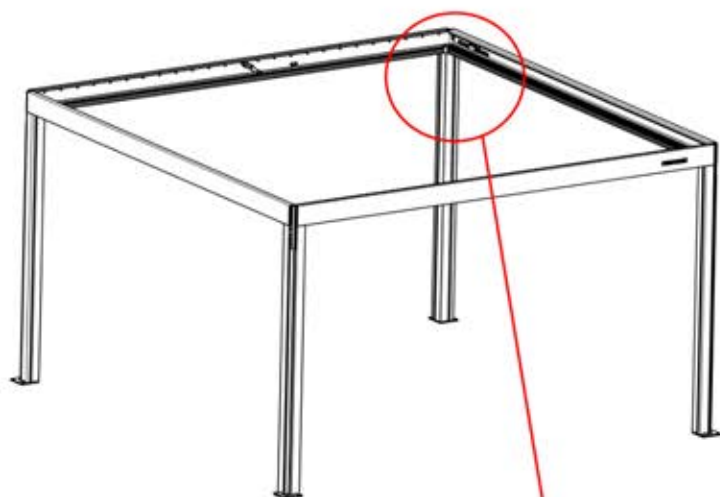
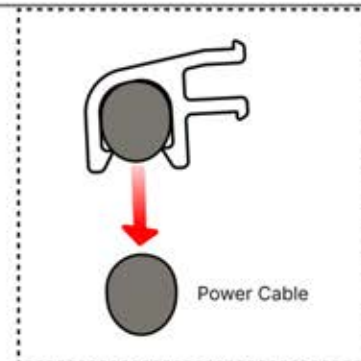
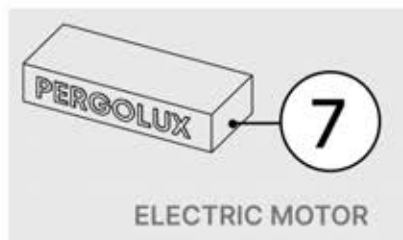
27



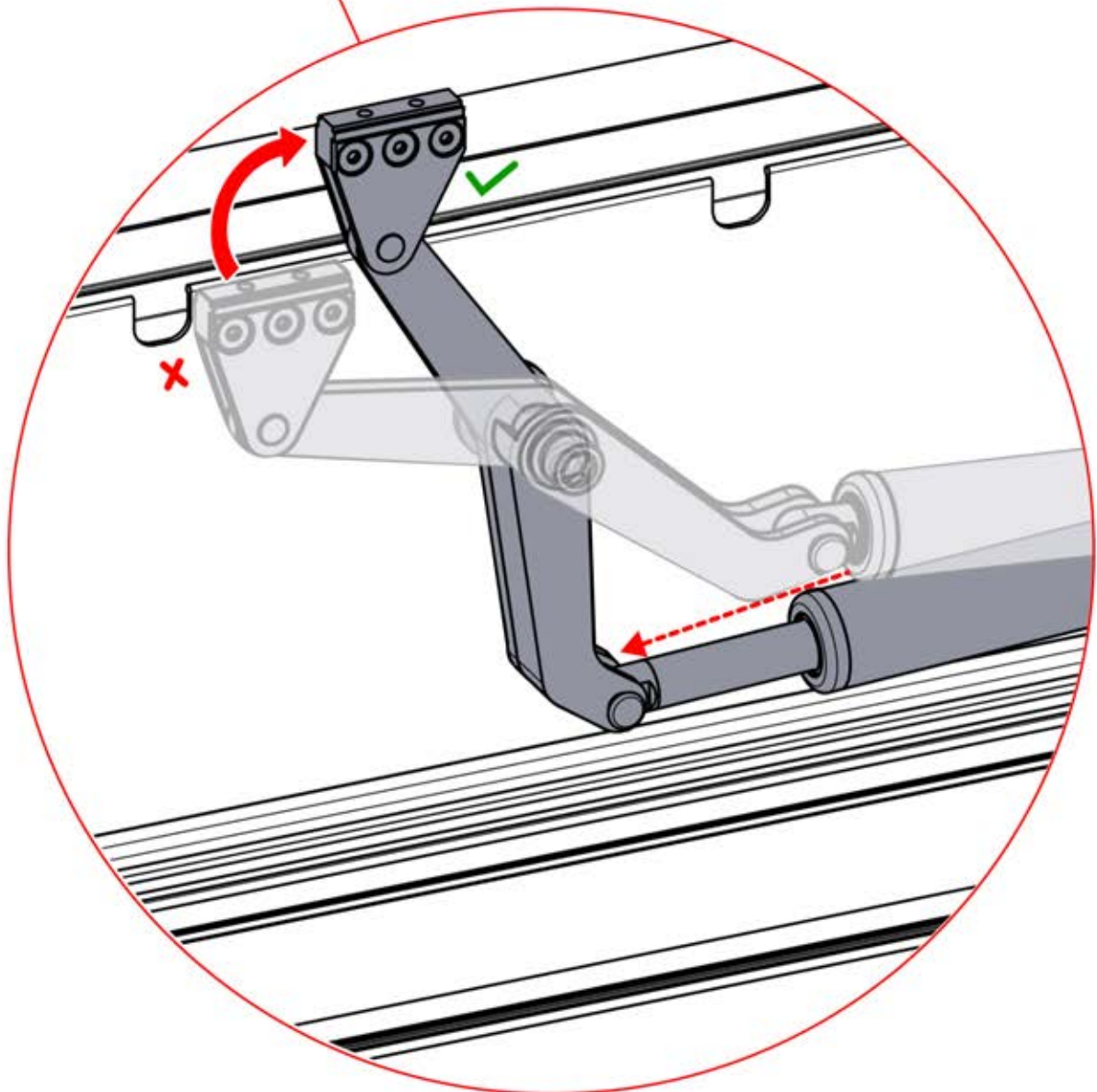
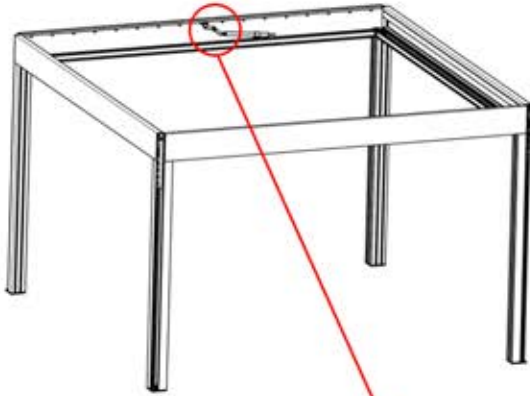
Power cable
PN-200003781
1x



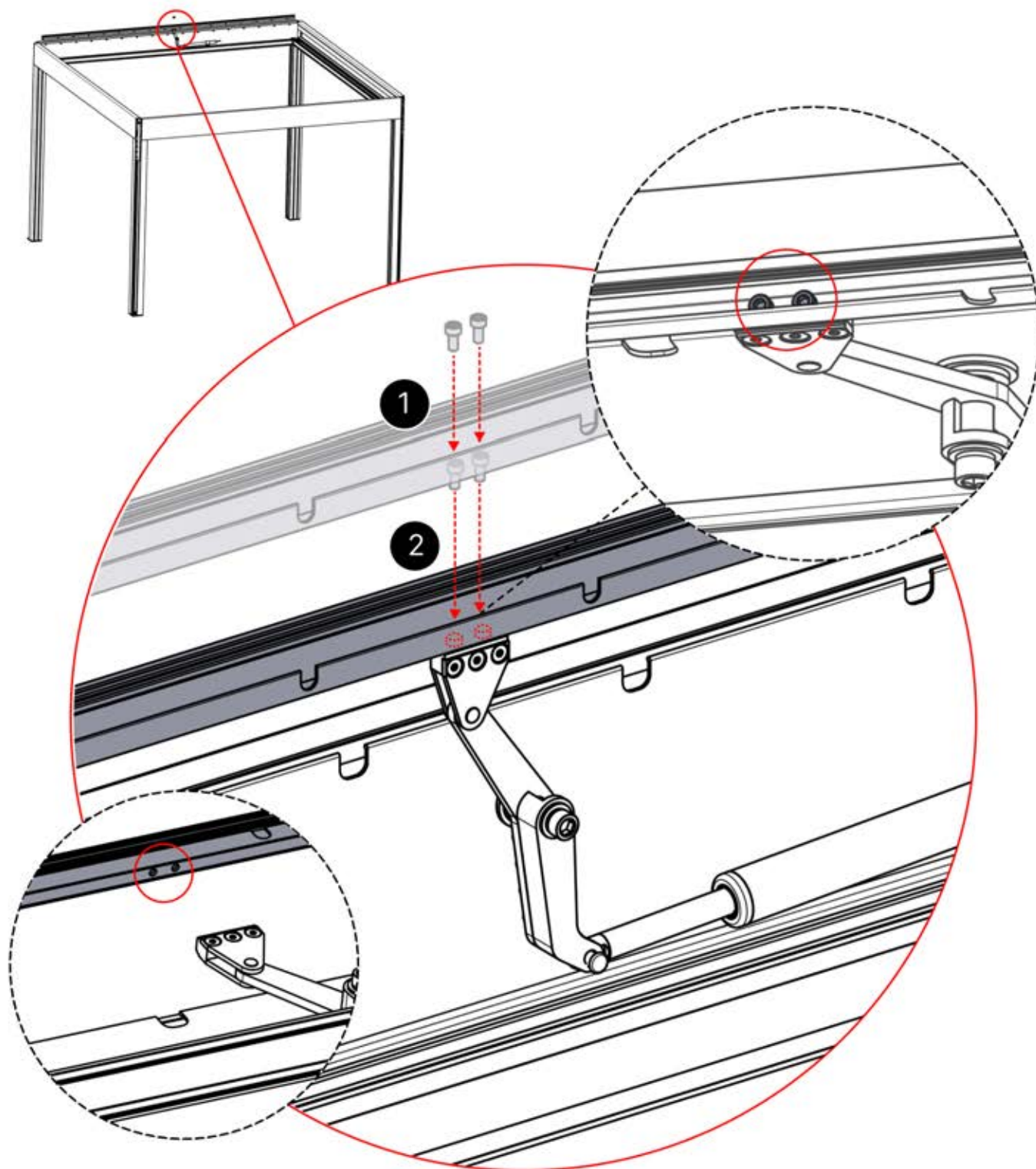
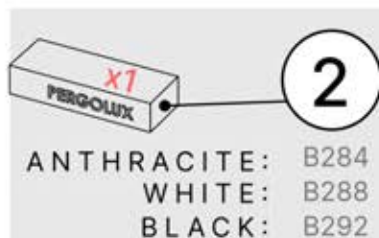
28



29



30



31

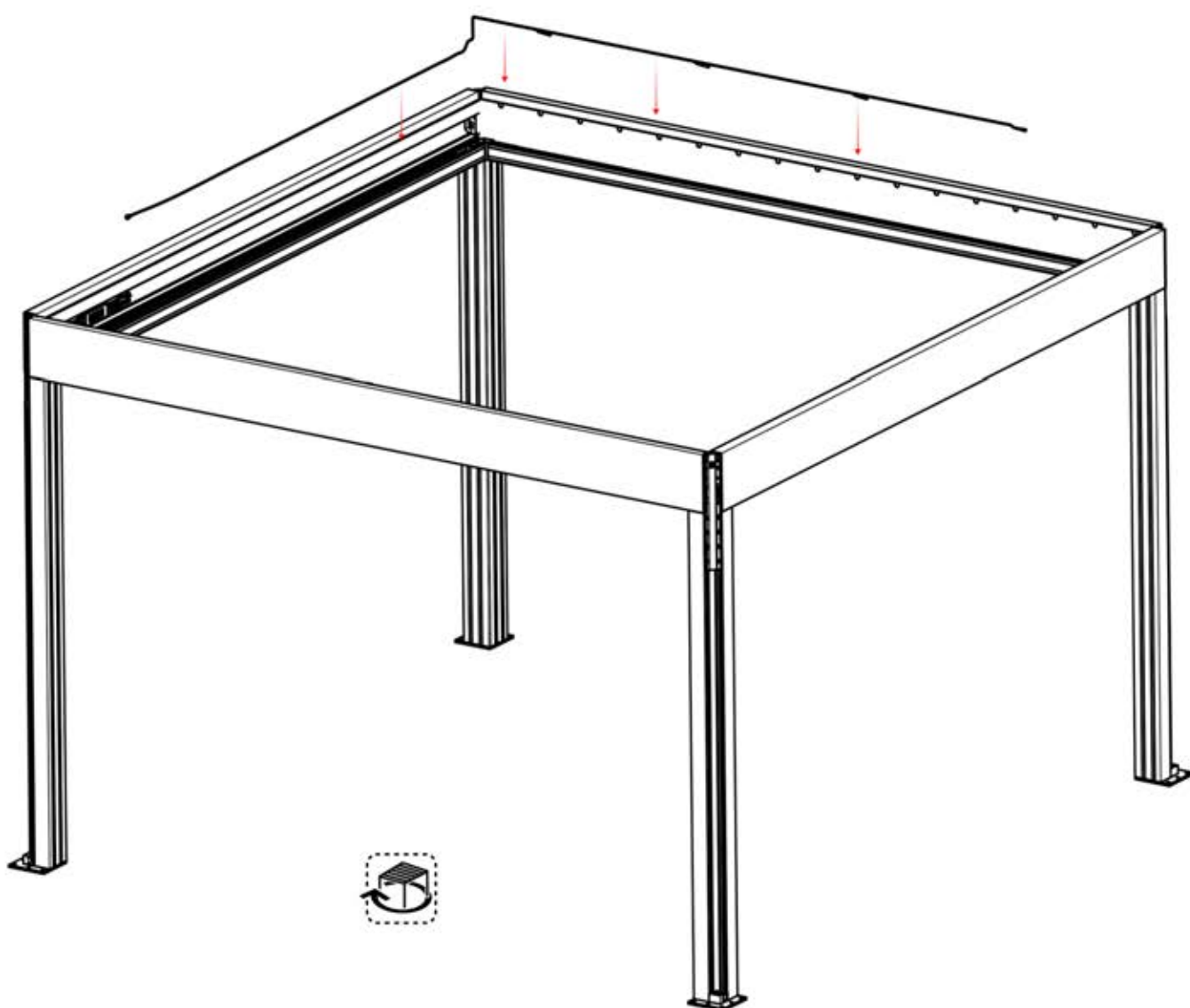


10

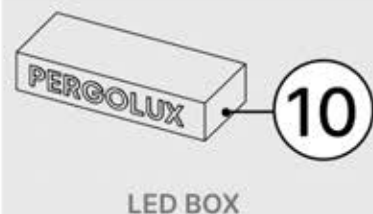
LED BOX



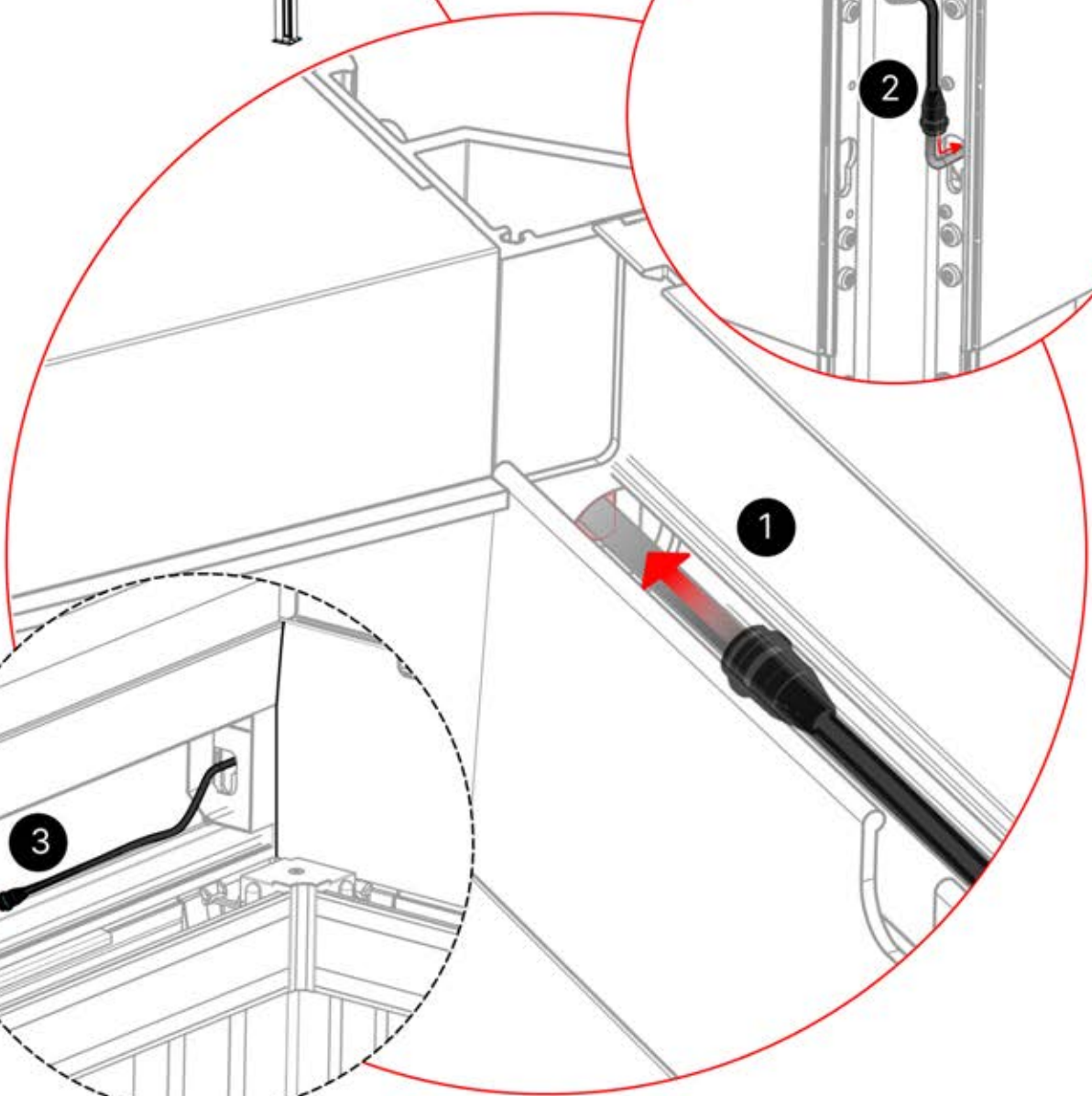
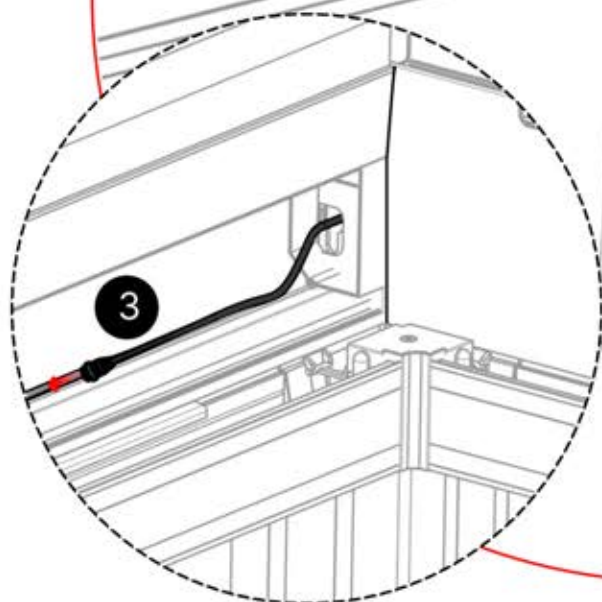
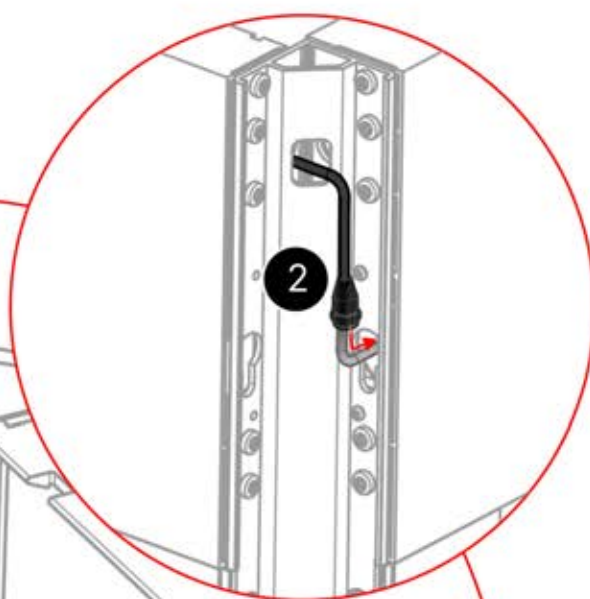
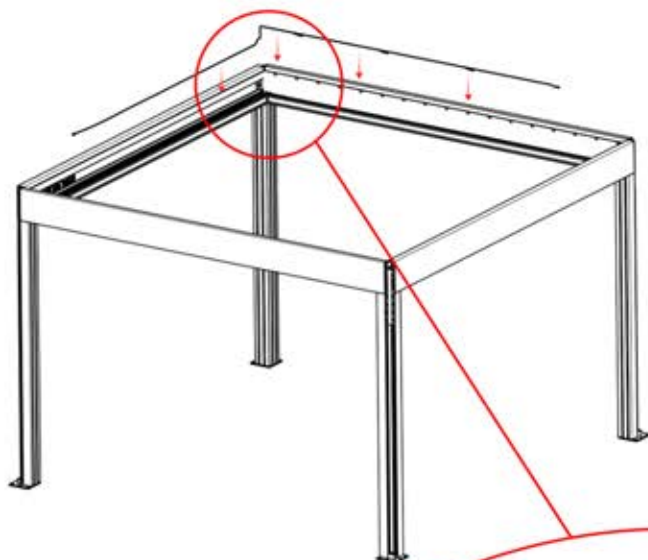
4 LED HARNESS



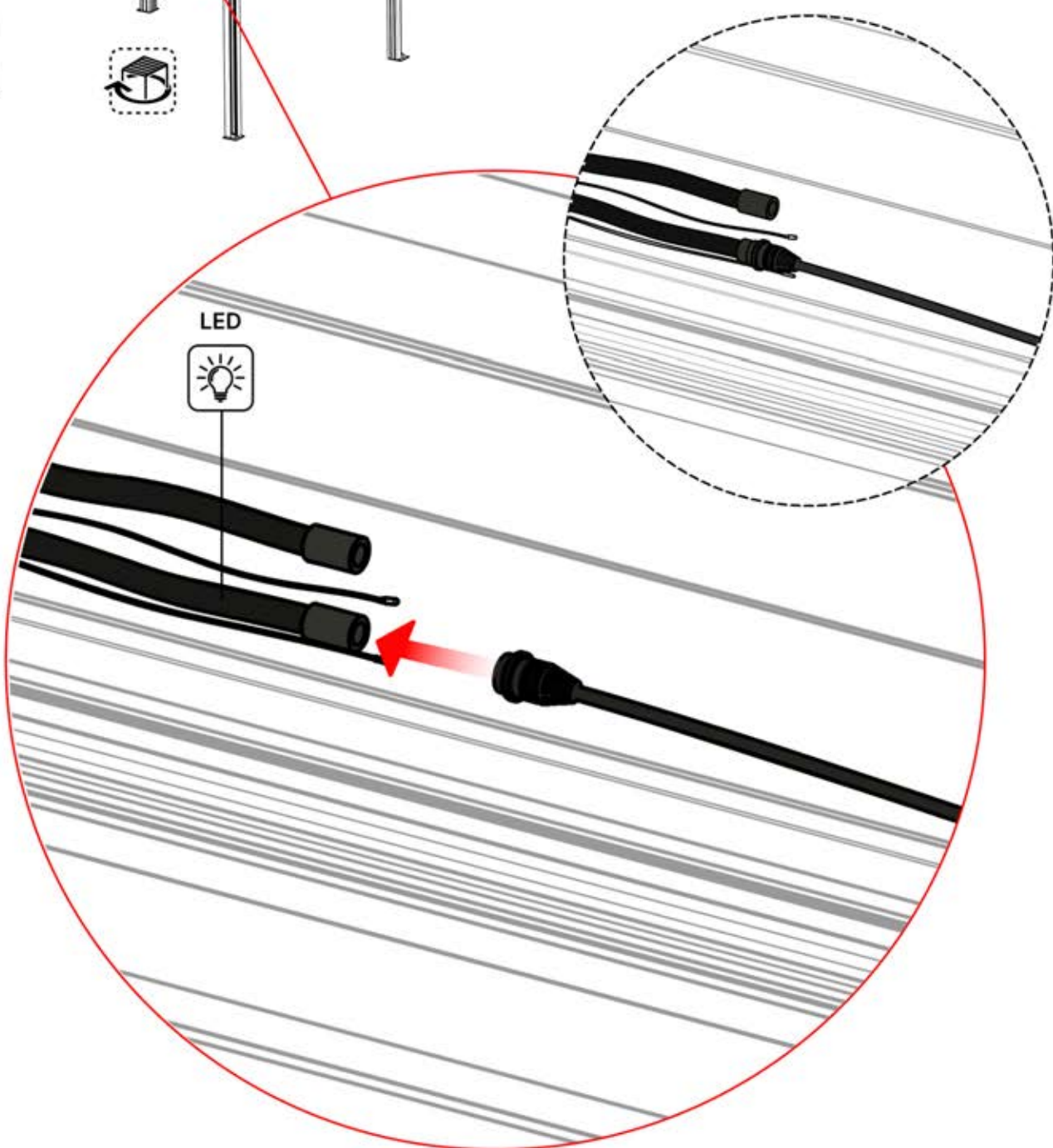
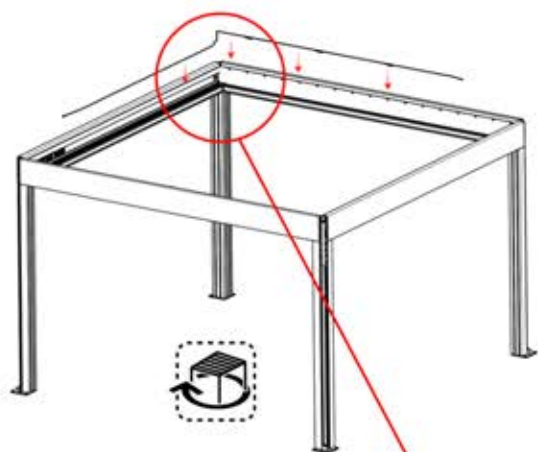
32



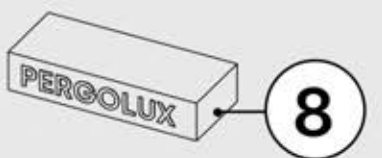
4 LED HARNESS



33



34



CONTROL BOX

!

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

S4

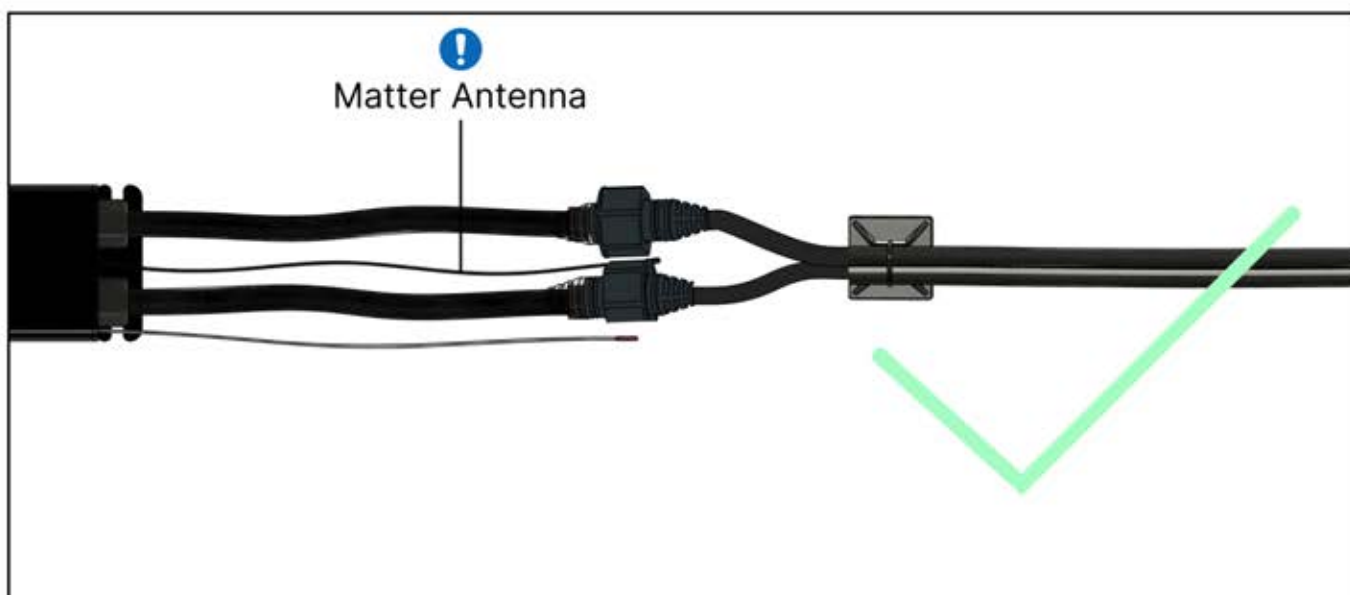
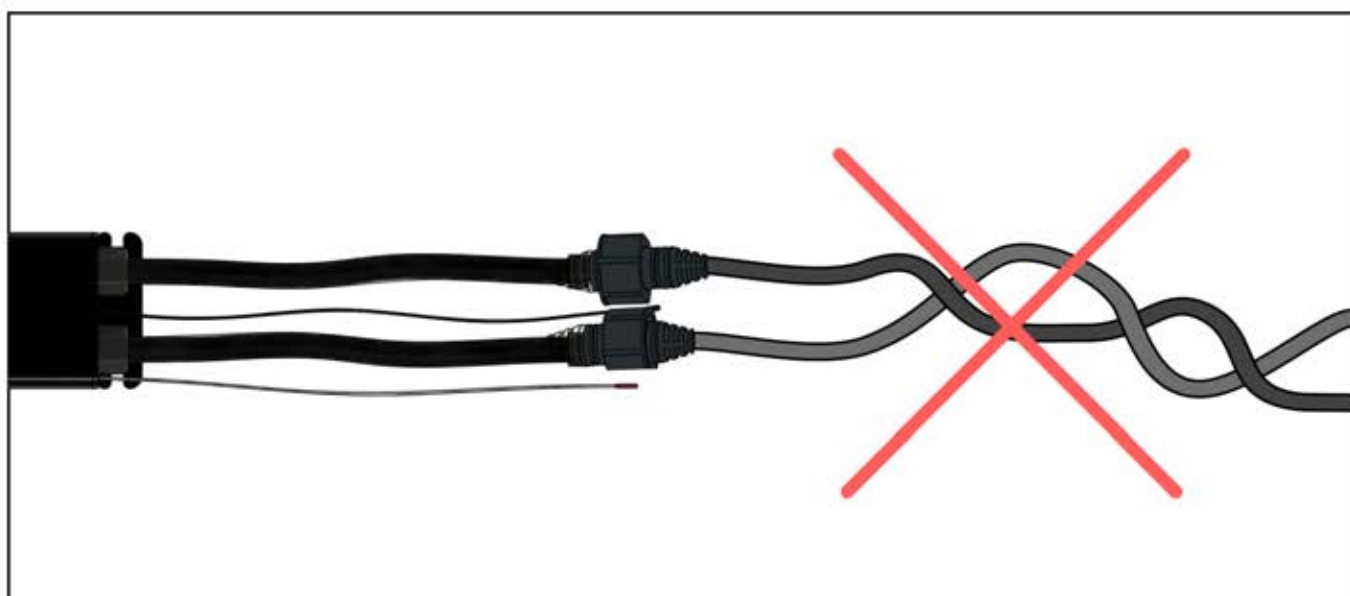


PN-200002683

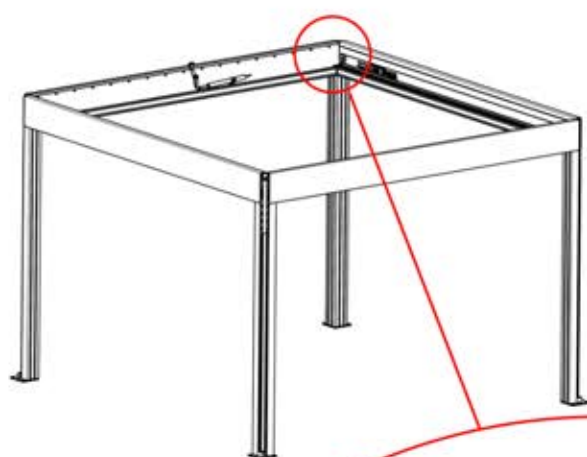
5x

PN-200002684

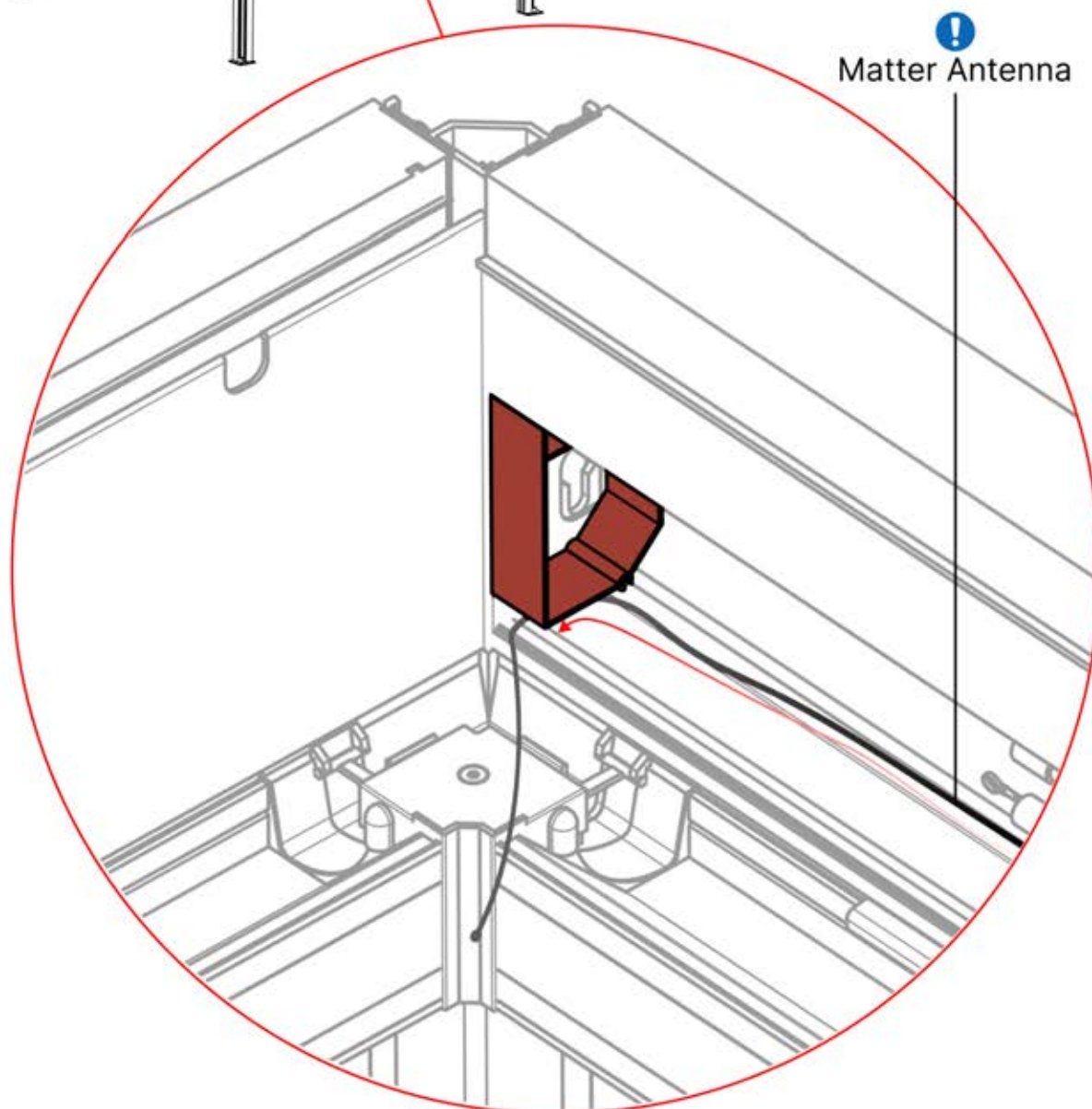
10x



35

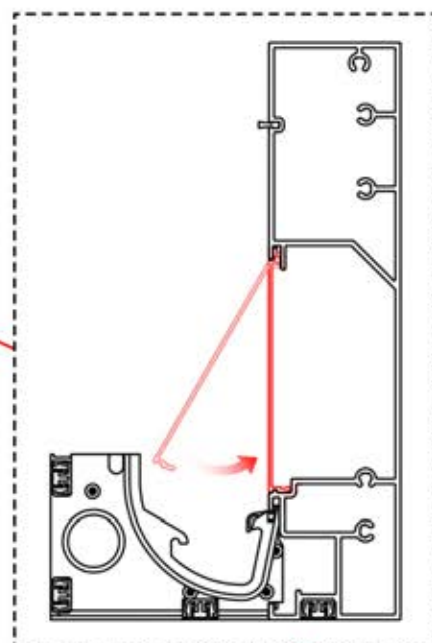
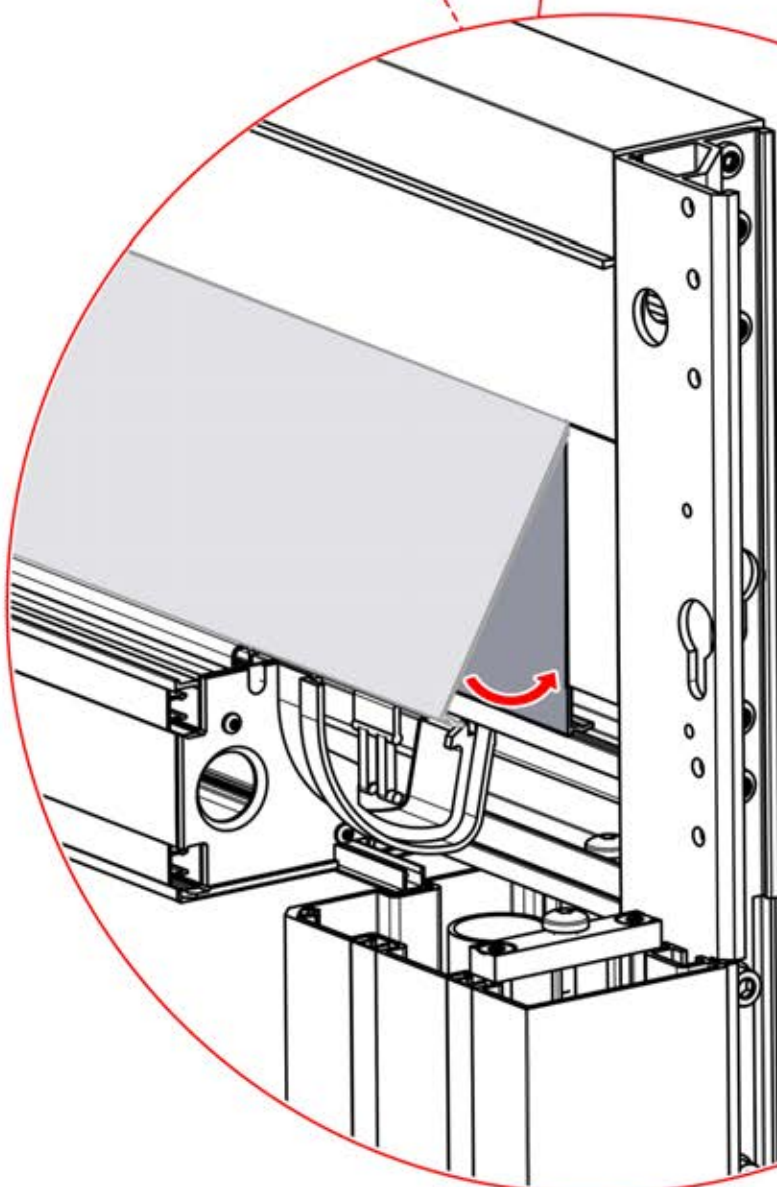
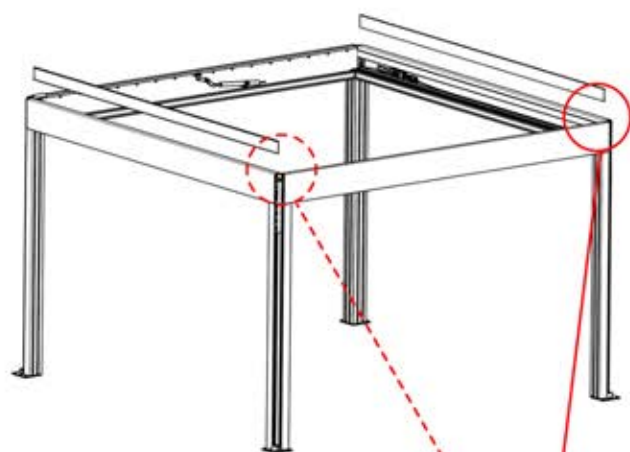
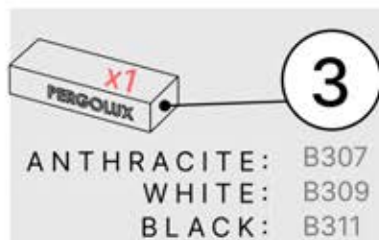



Route the Matter
Antenna and place it
below the highlighted
part(PN-200002329).

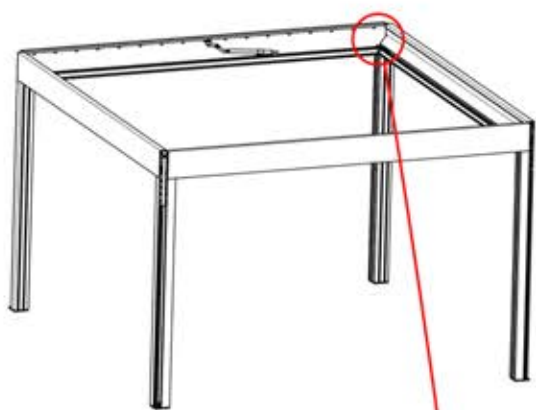



Matter Antenna

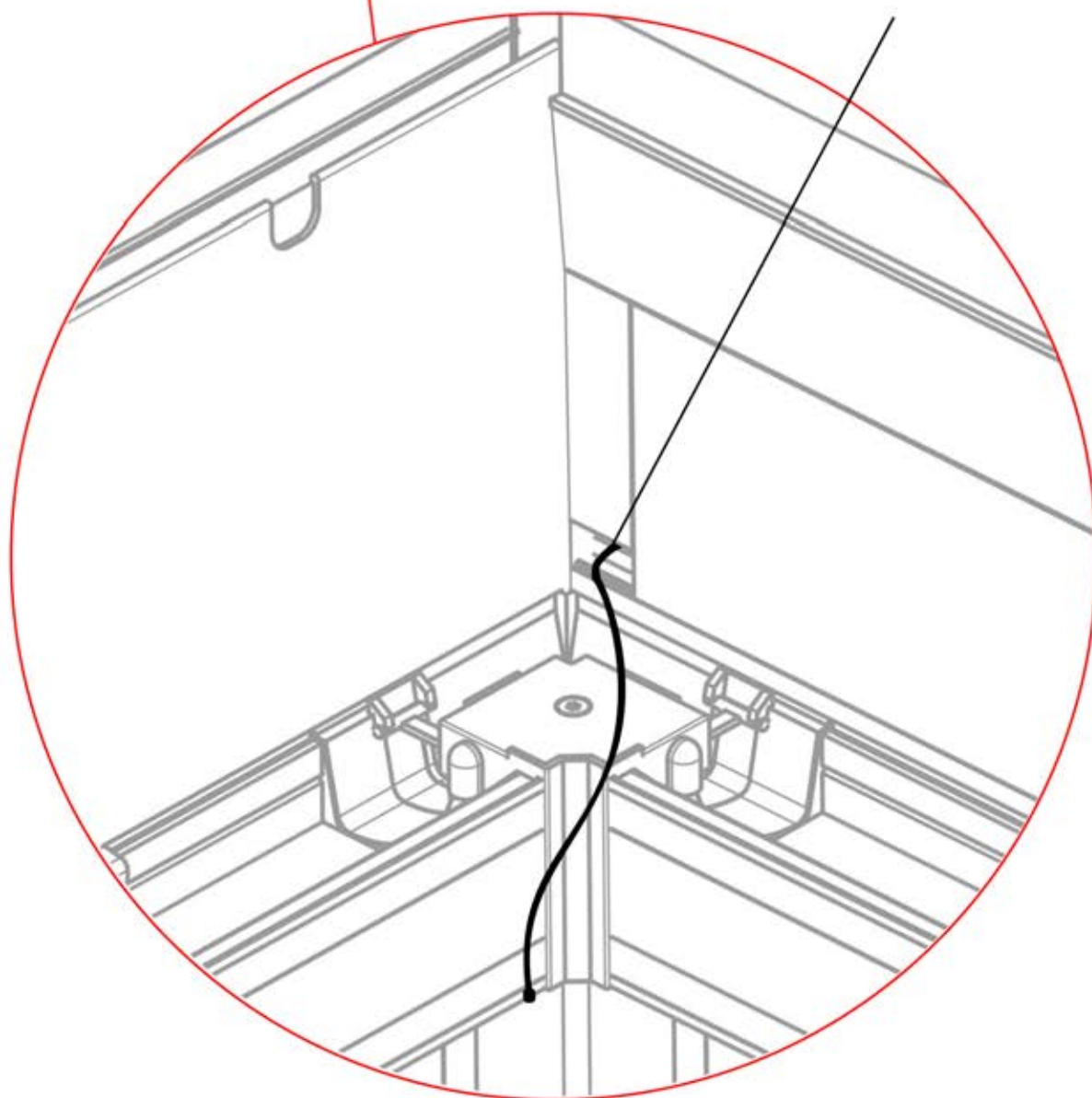
36



INFORMATION



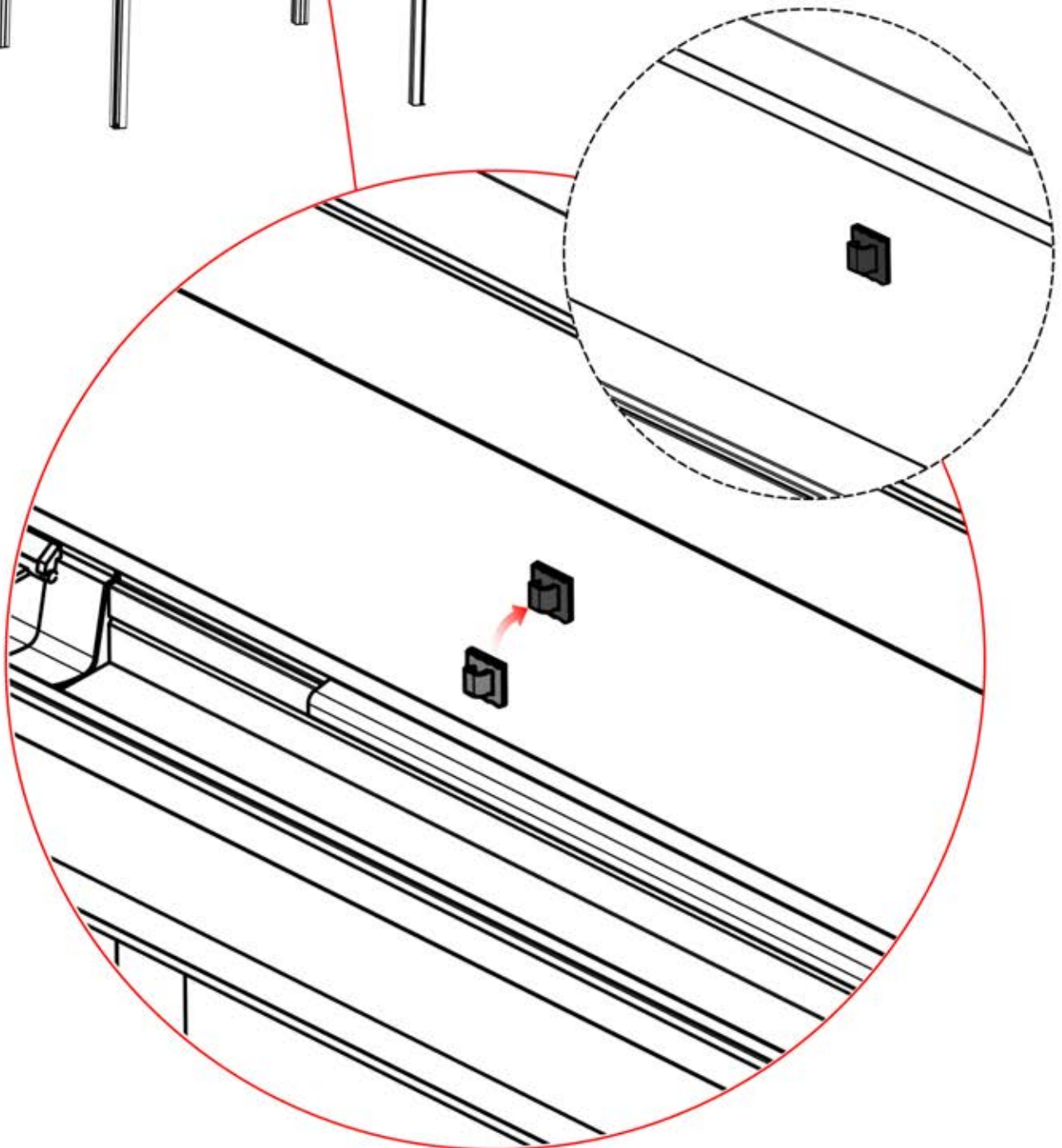
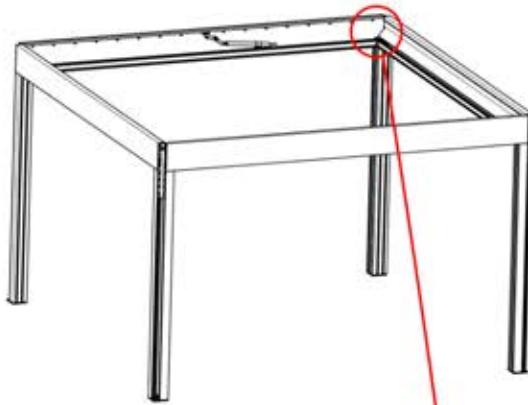
Matter Antenna

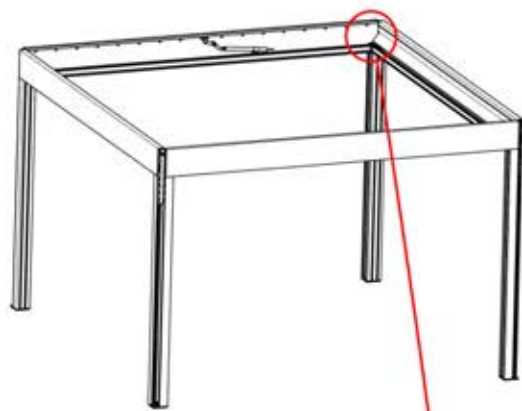


37

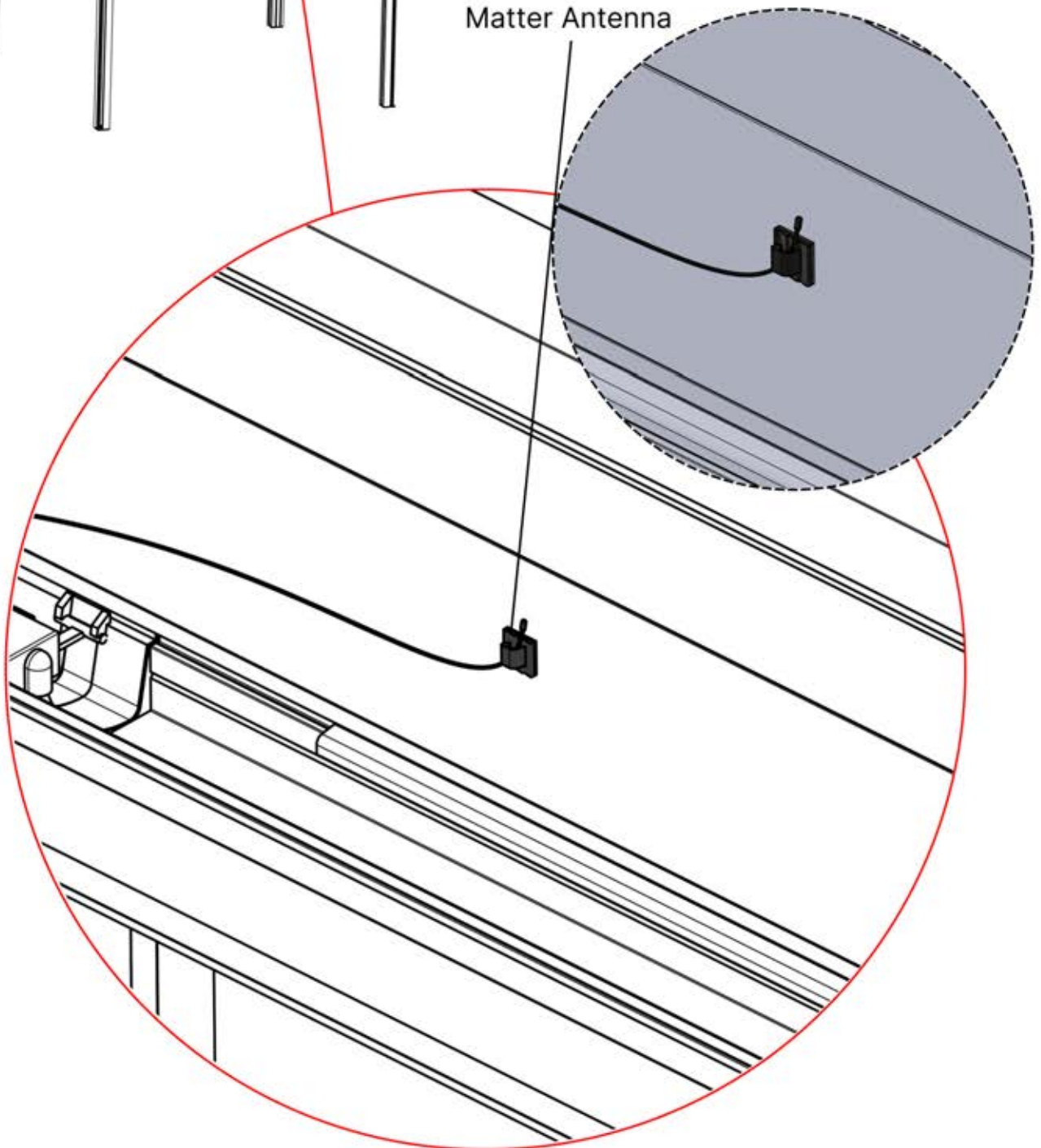


Matter Antenna
1x





Matter Antenna





PERGOLUX PRO MAX+ 3X4

PN-200003532



12x



Standard = **(S)**



PN-200003536



4x



LED =



PN-200003534



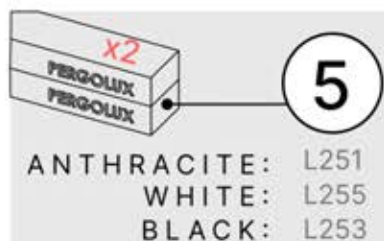
1x



End = **(E)**

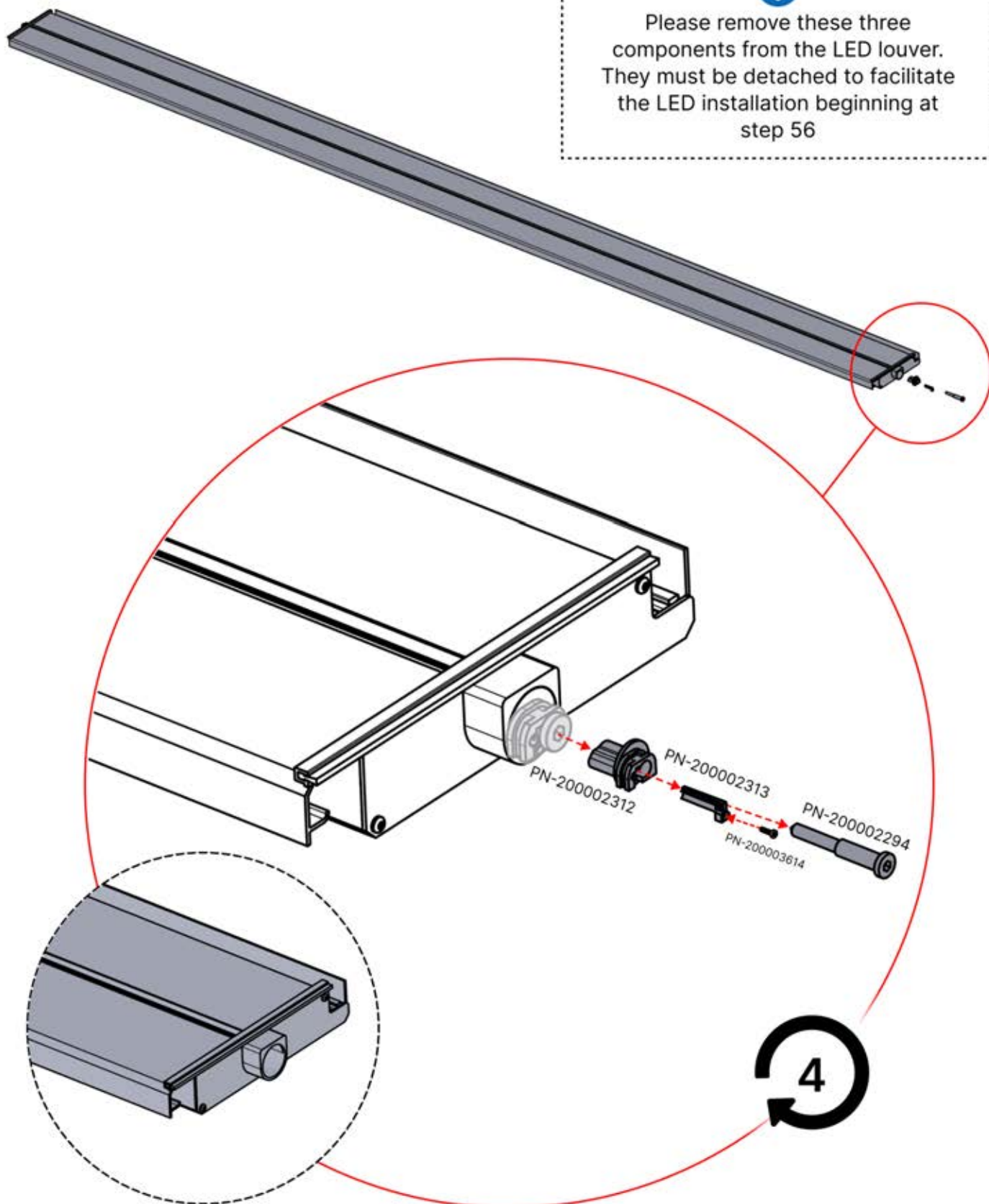


39

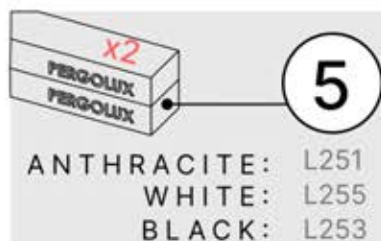


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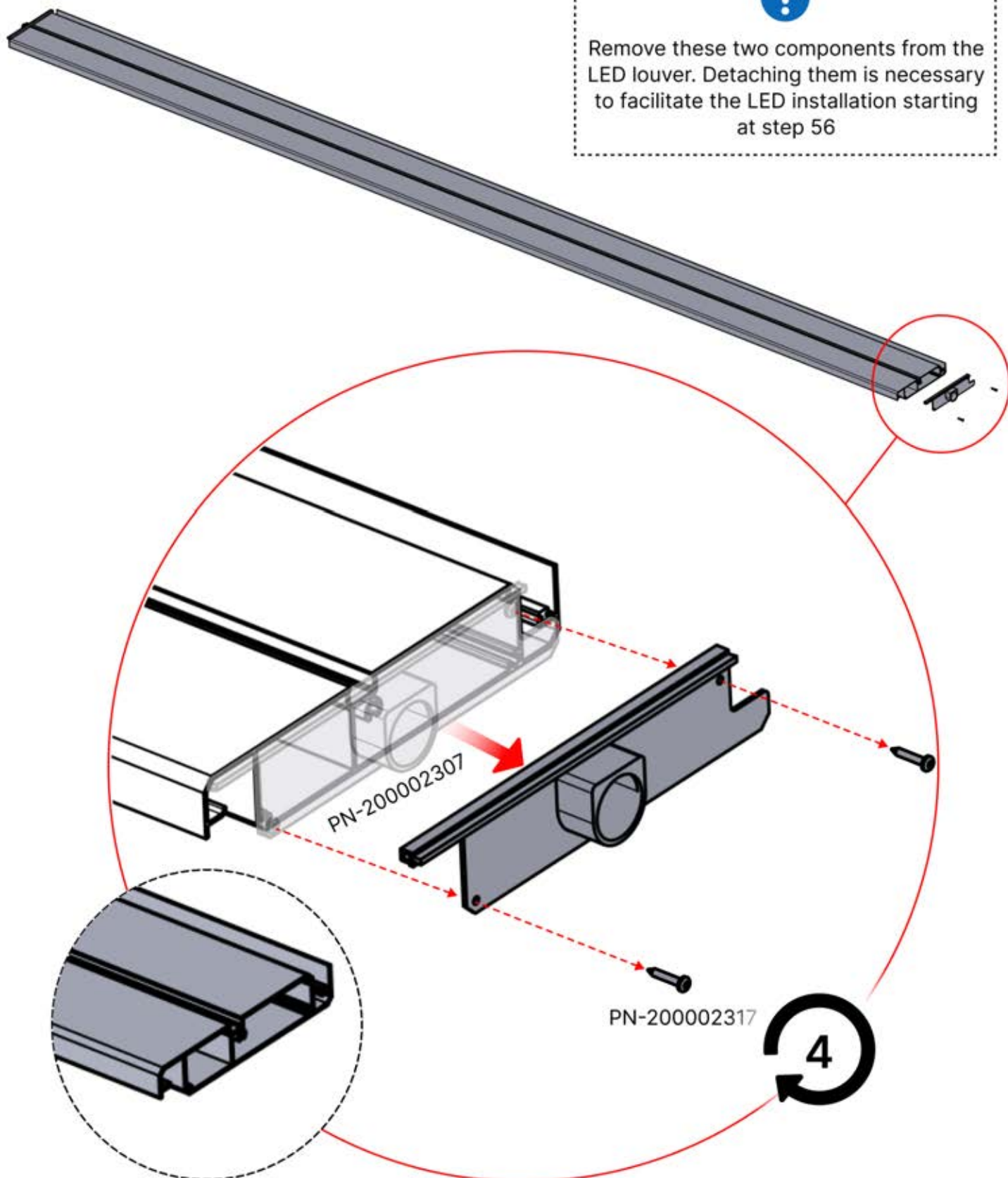
Please remove these three components from the LED louver. They must be detached to facilitate the LED installation beginning at step 56



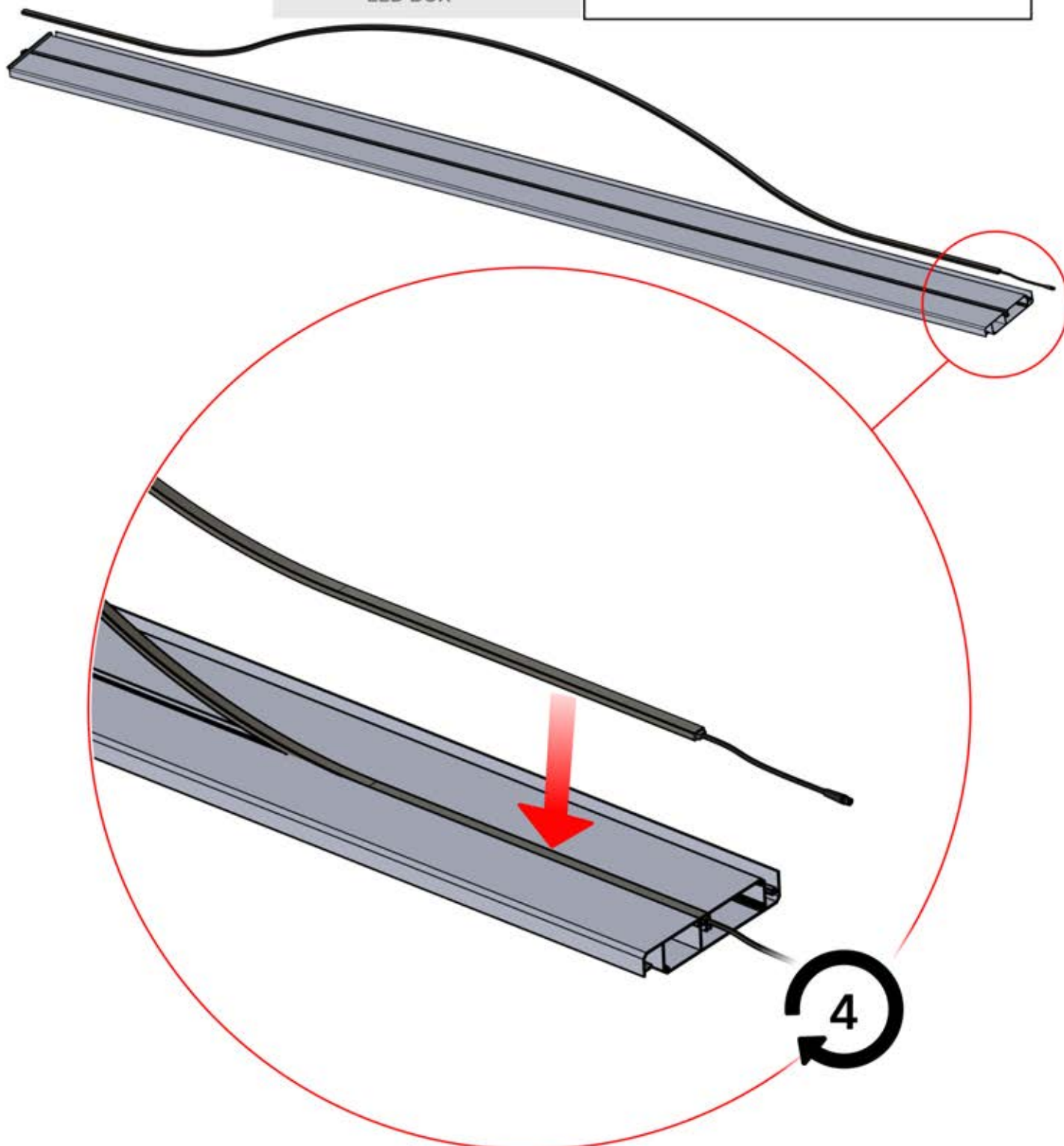
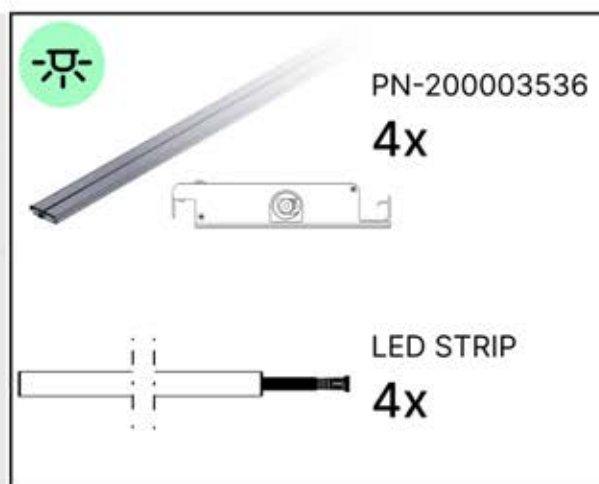
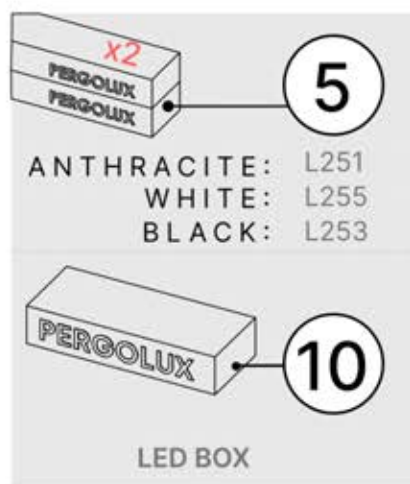
40



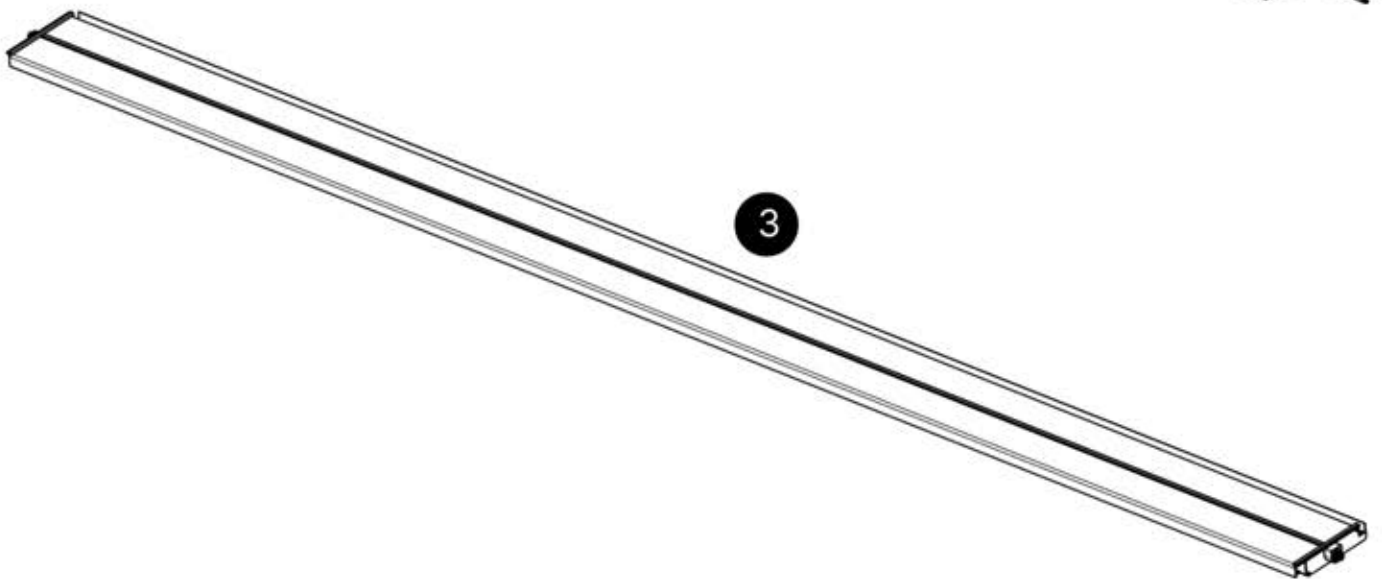
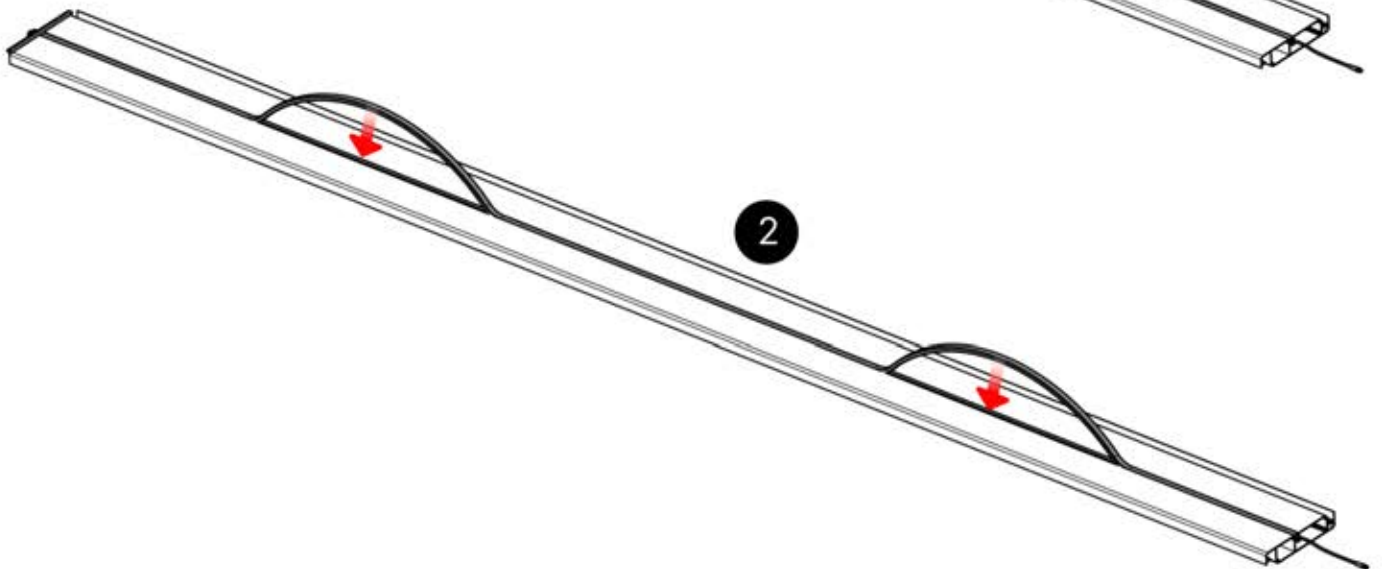
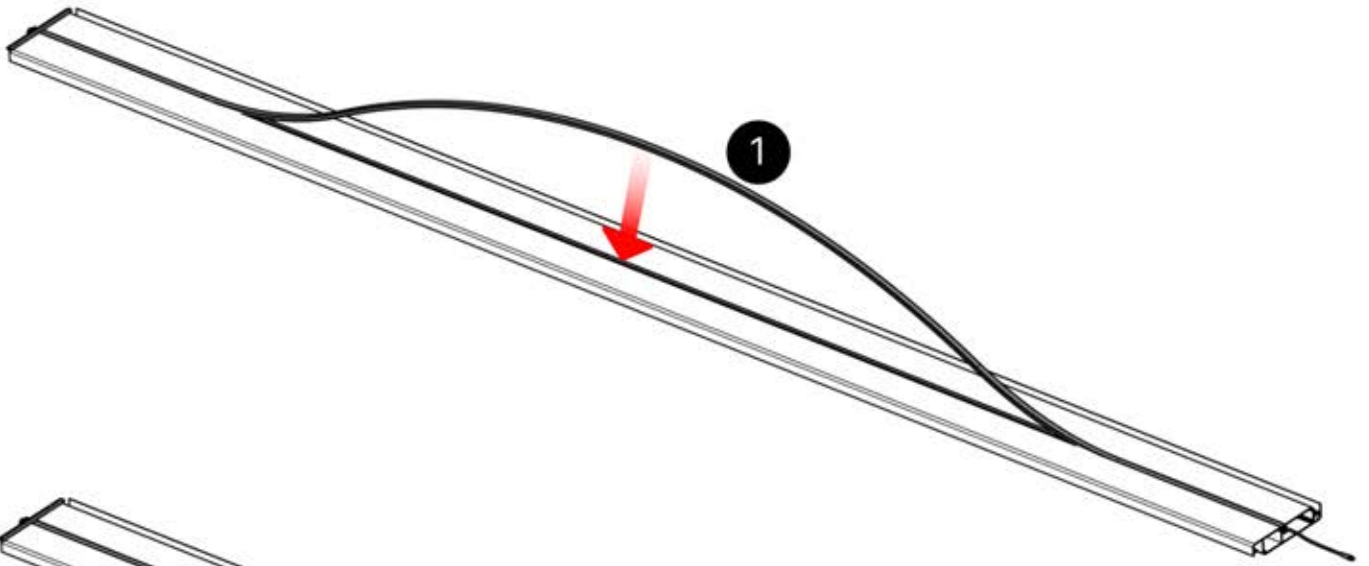
Remove these two components from the LED louver. Detaching them is necessary to facilitate the LED installation starting at step 56



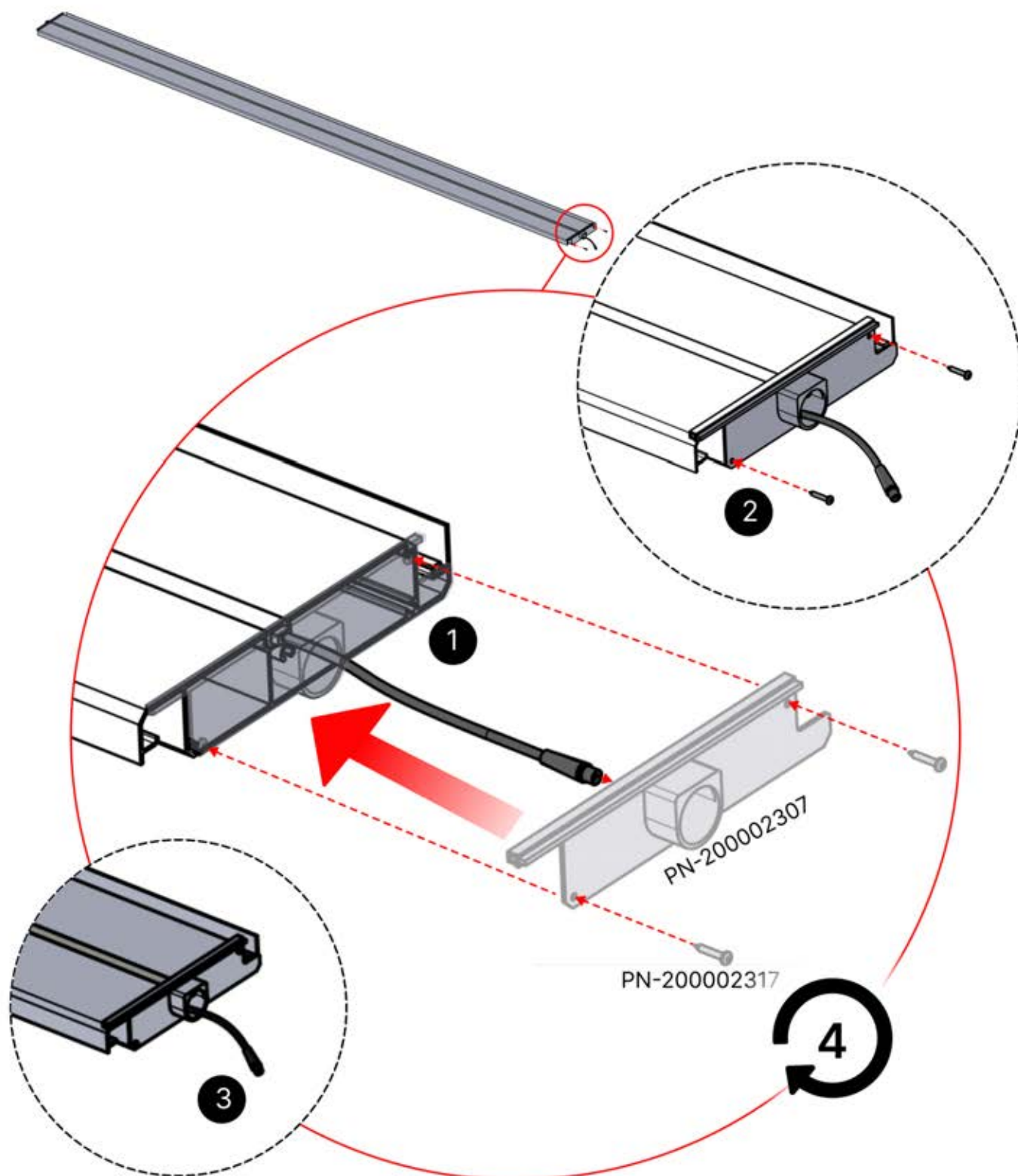
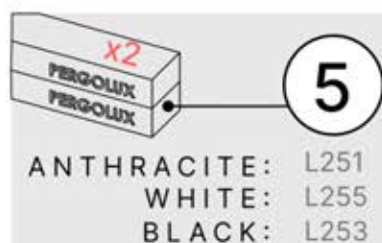
41



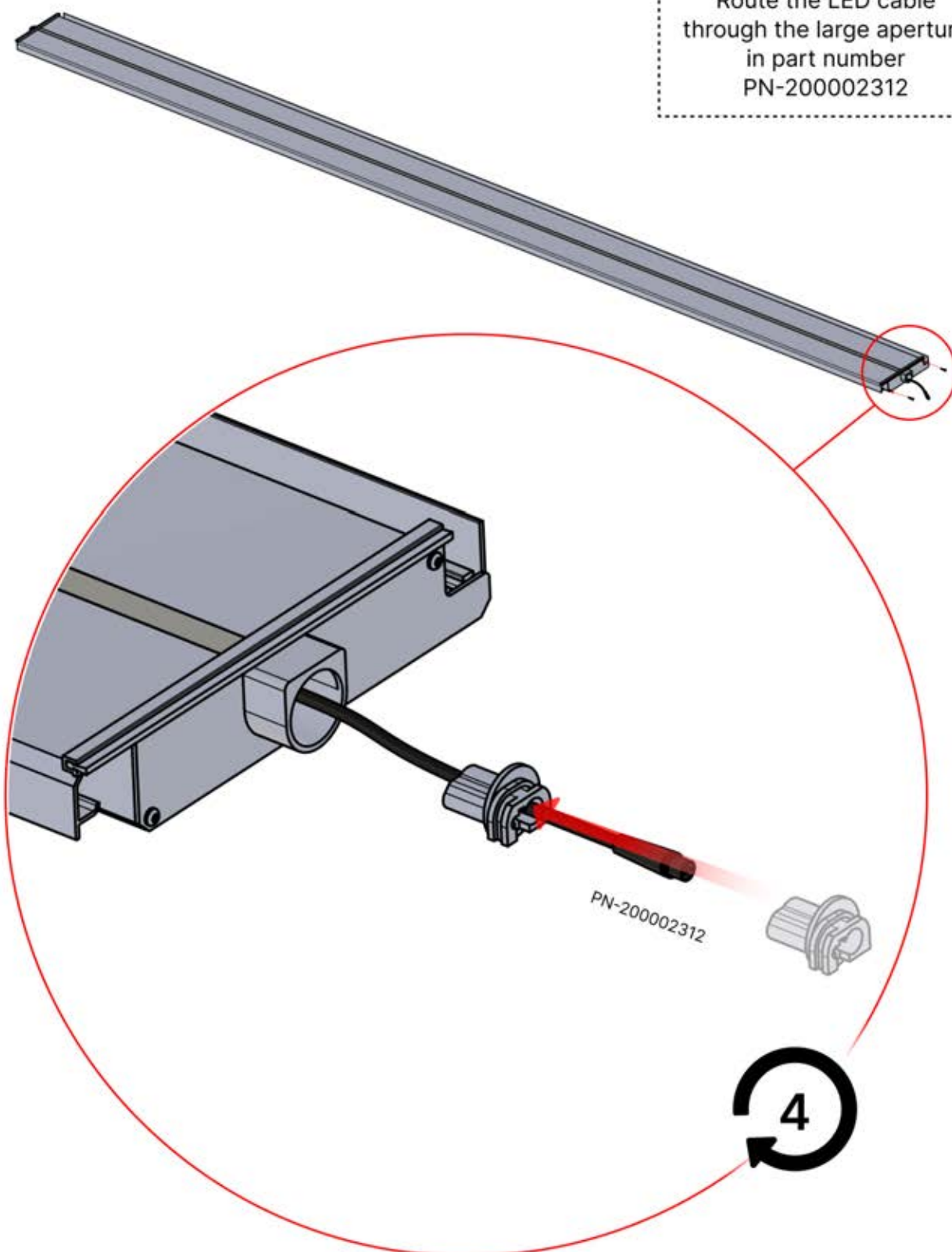
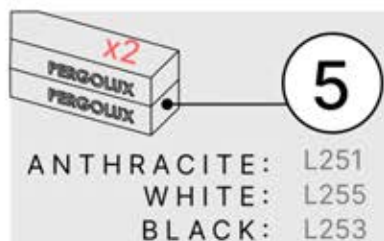
42



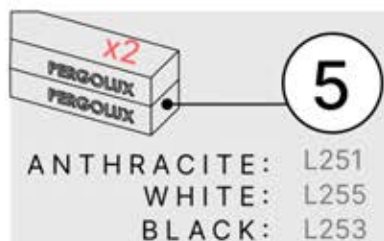
43



44

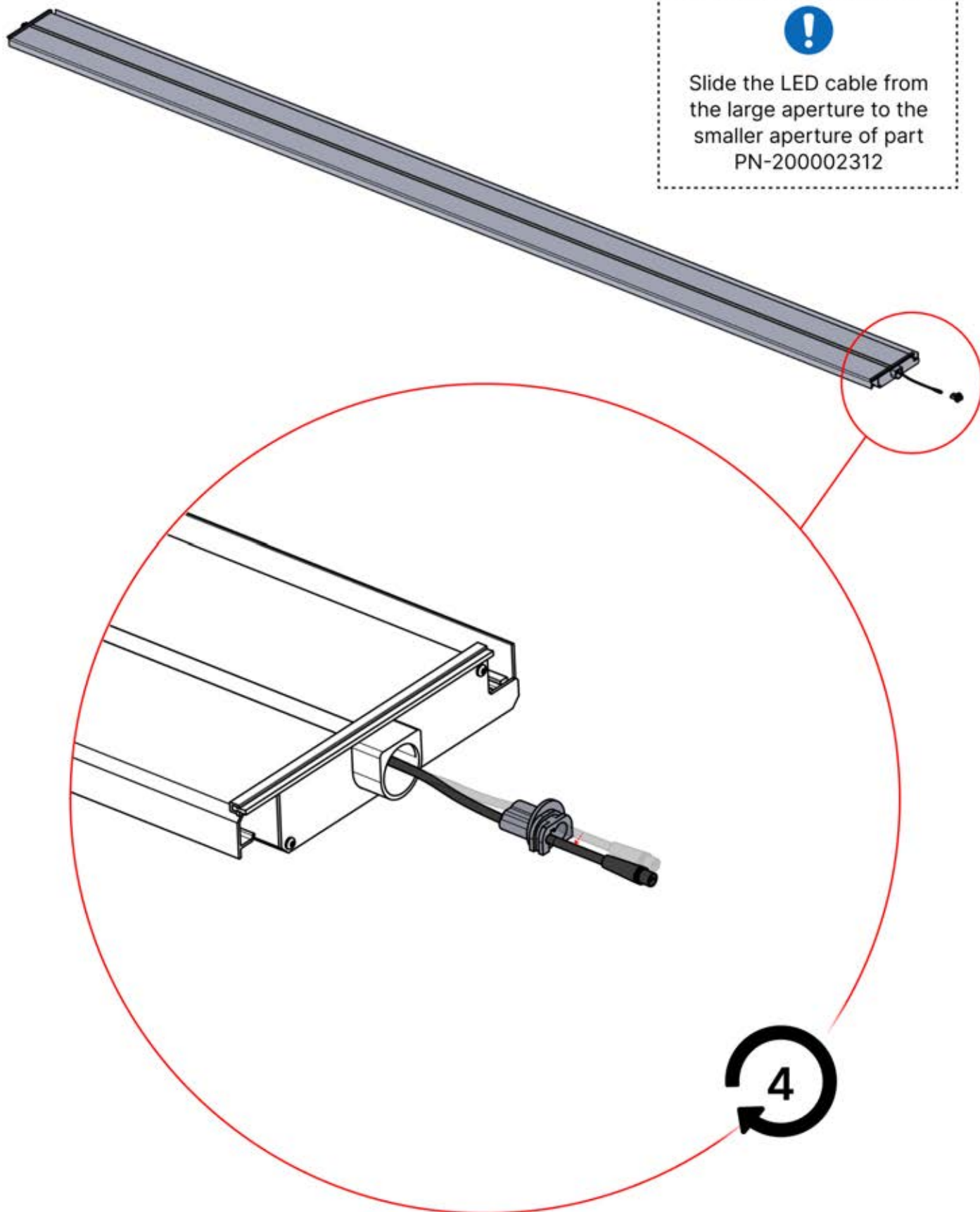


45

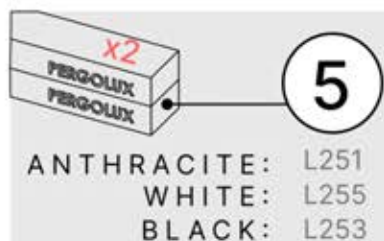


!

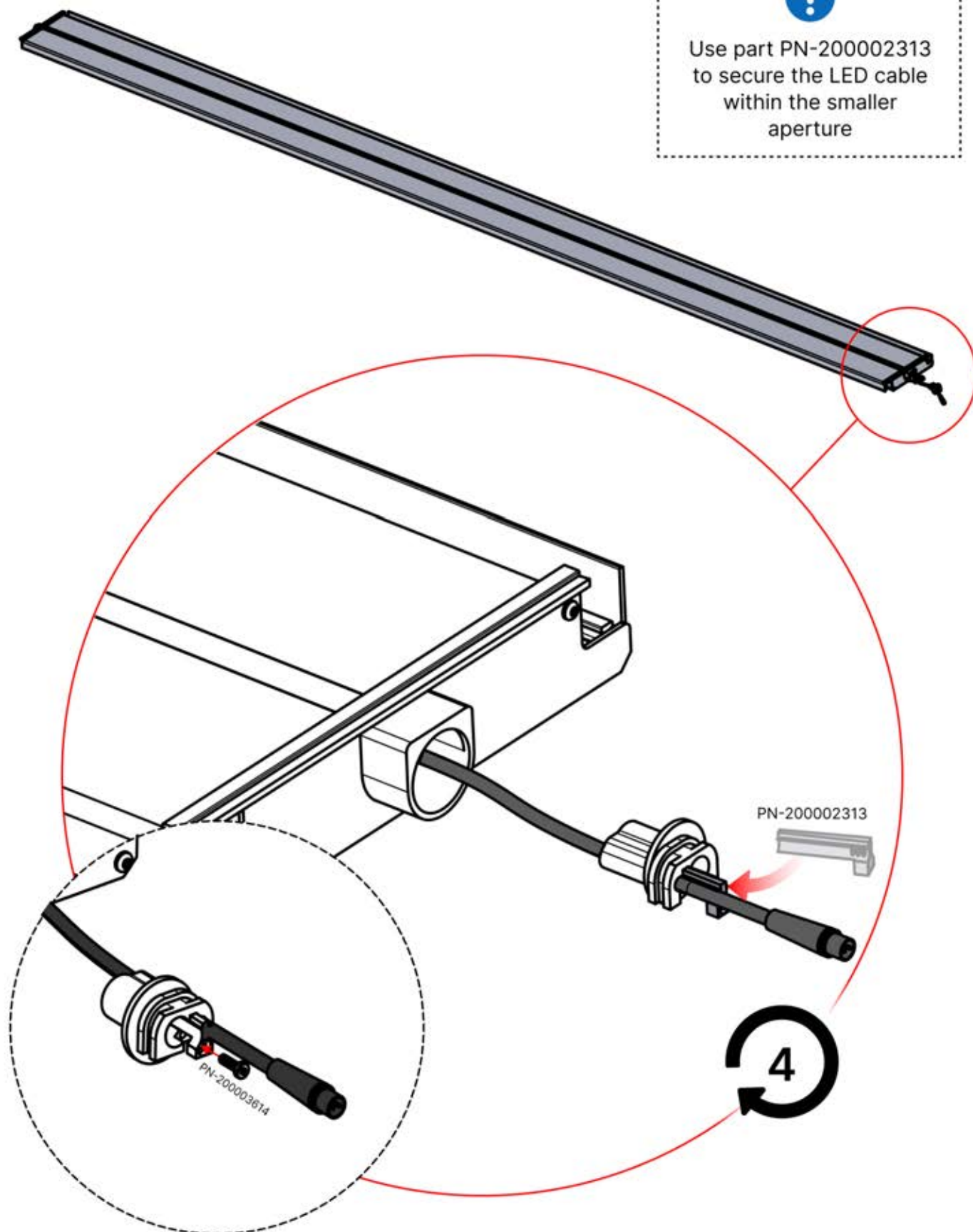
Slide the LED cable from the large aperture to the smaller aperture of part PN-200002312



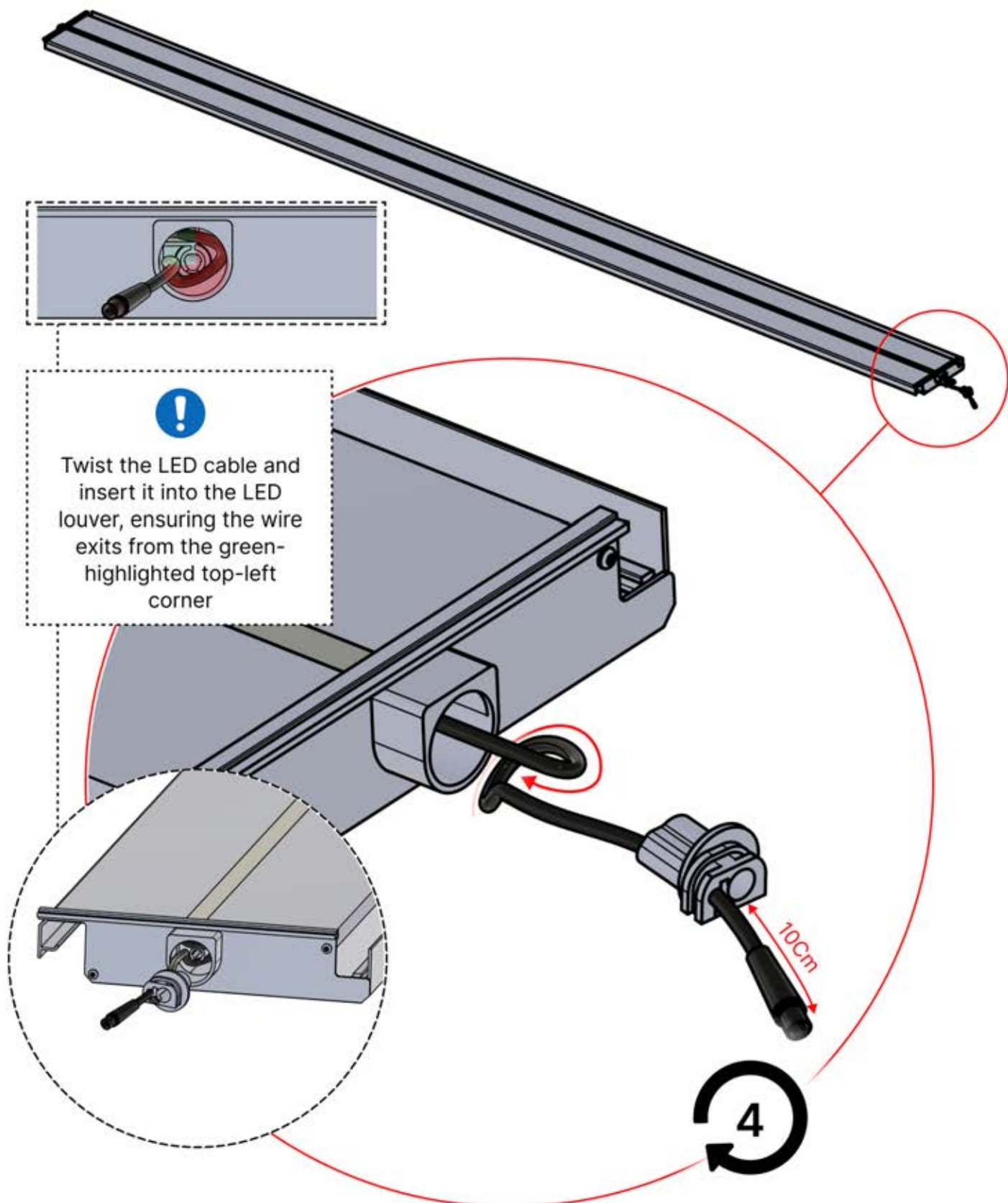
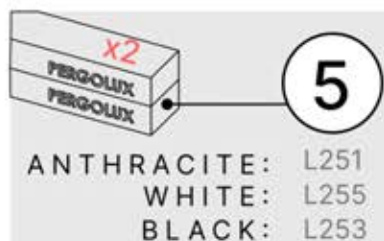
46



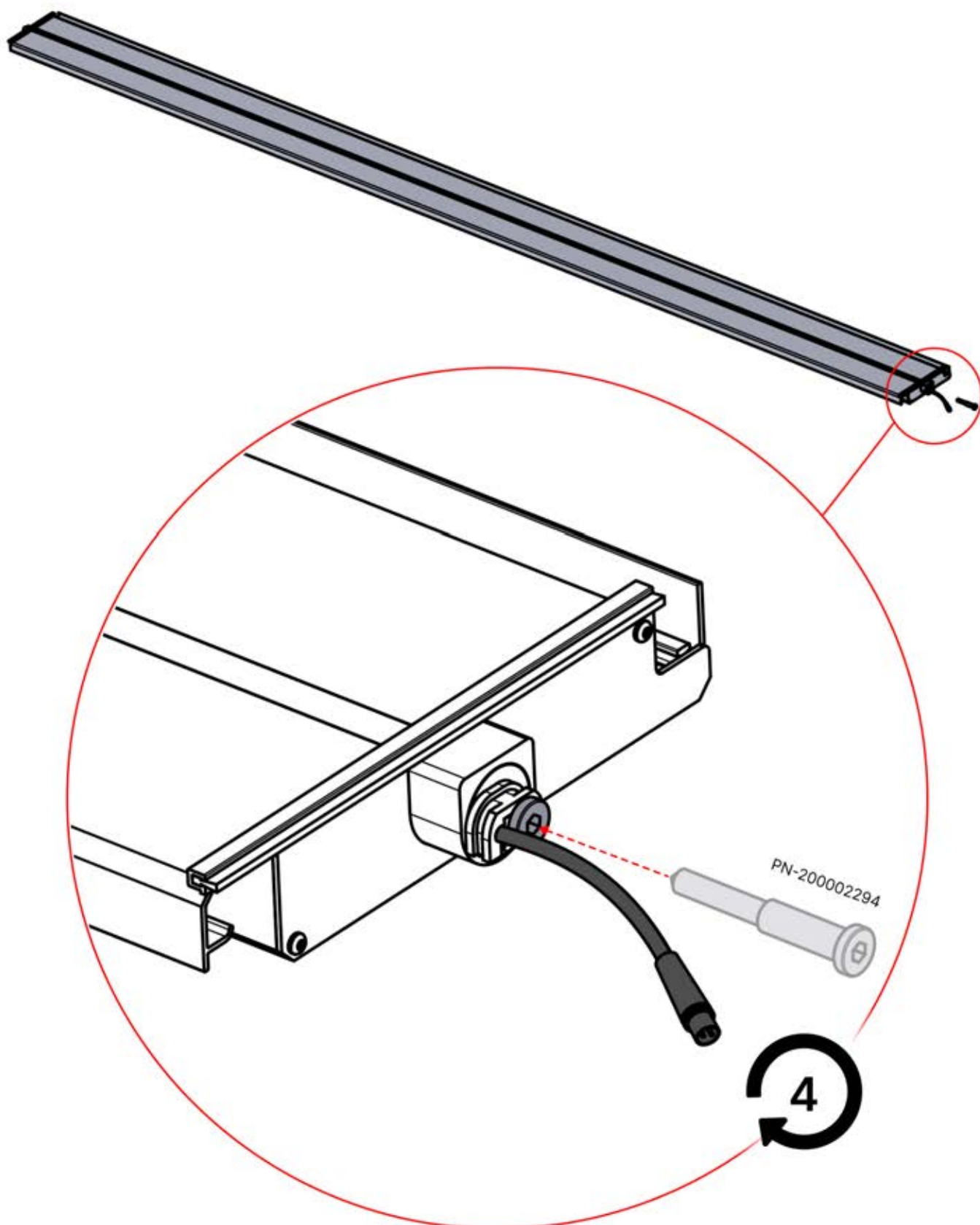
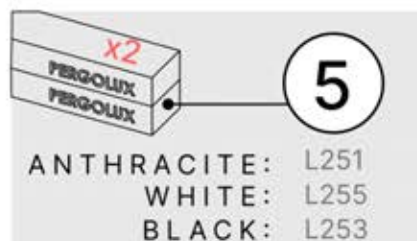
Use part PN-200002313 to secure the LED cable within the smaller aperture

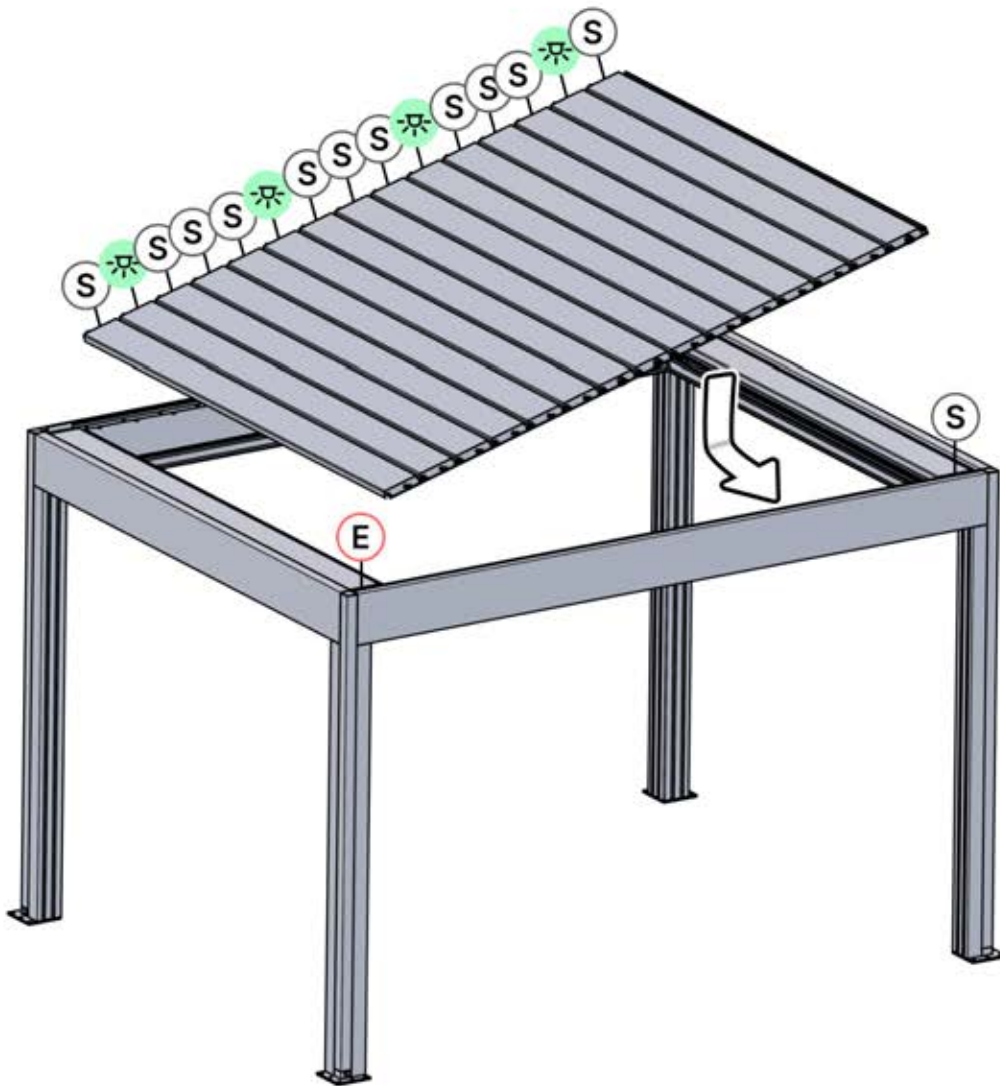


47



48





50



4

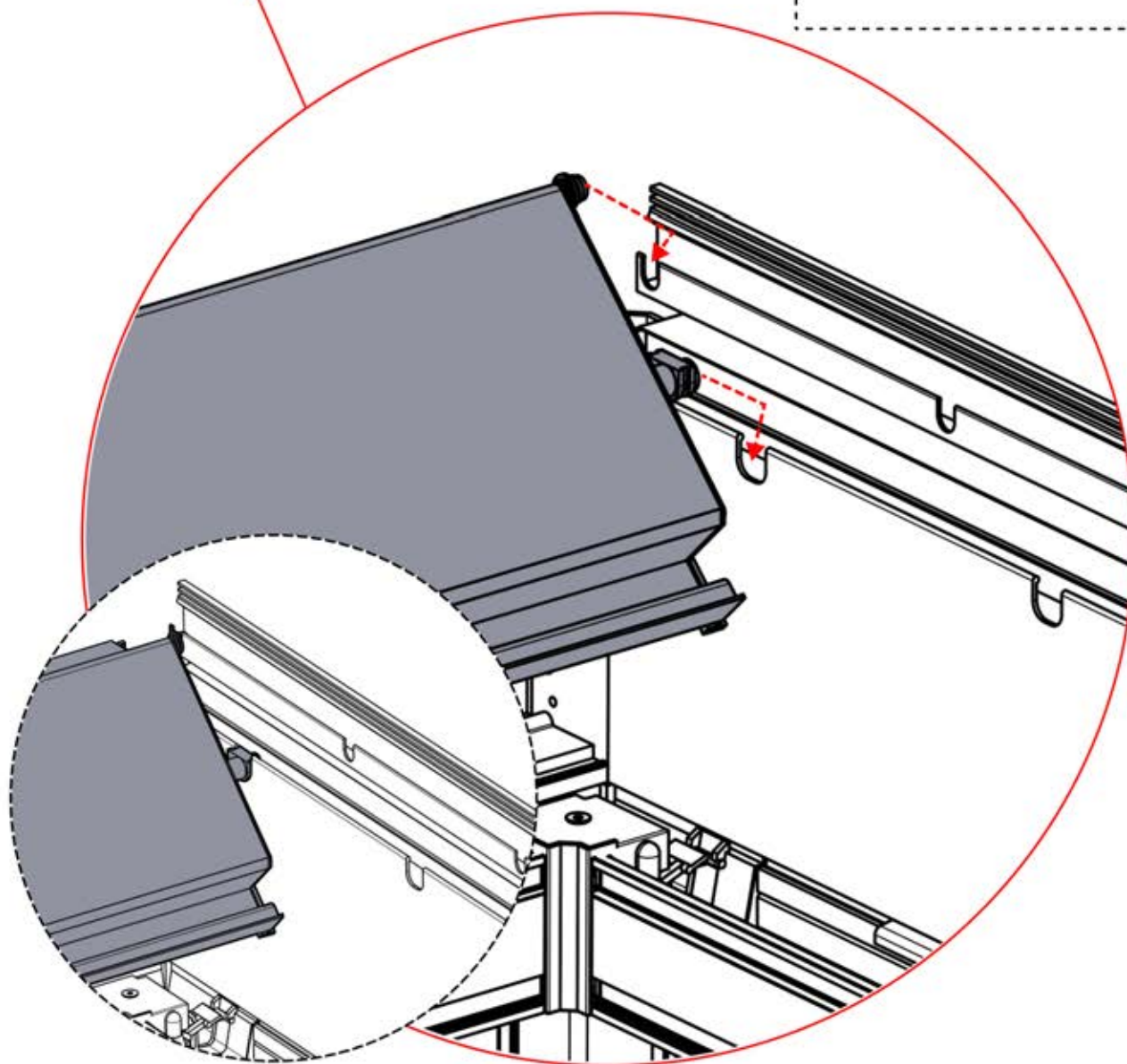
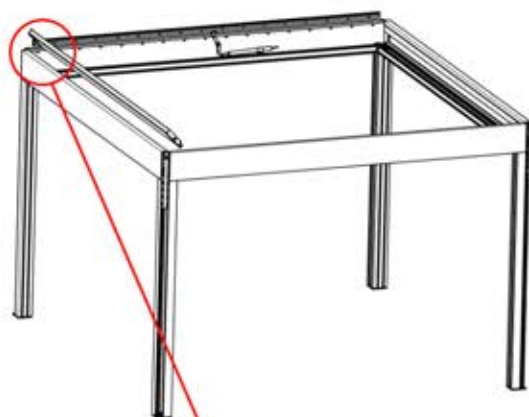
ANTHRACITE: L263
WHITE: L267
BLACK: L265

E



PN-200003534

1x



51



4

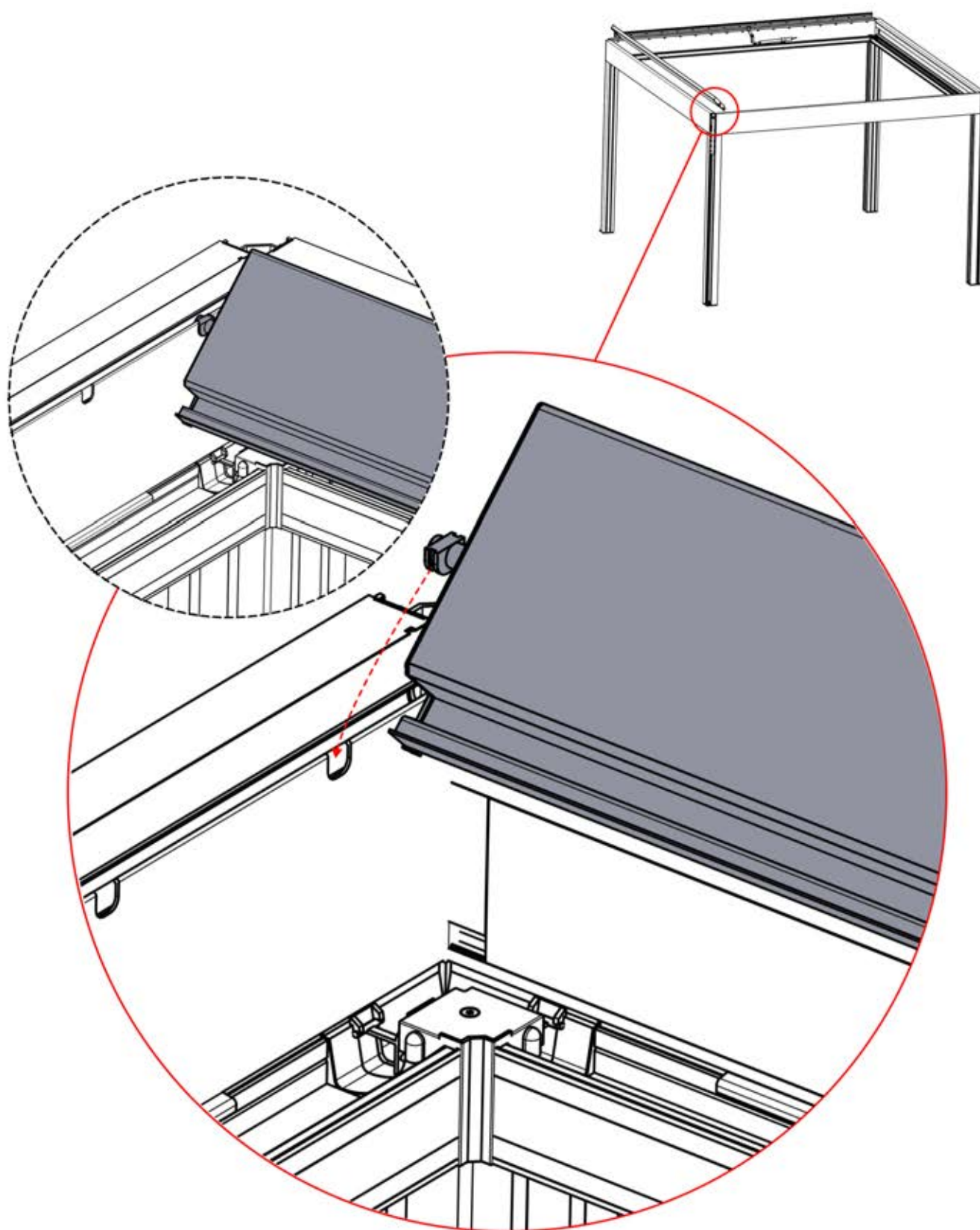
ANTHRACITE: L263
WHITE: L267
BLACK: L265

E

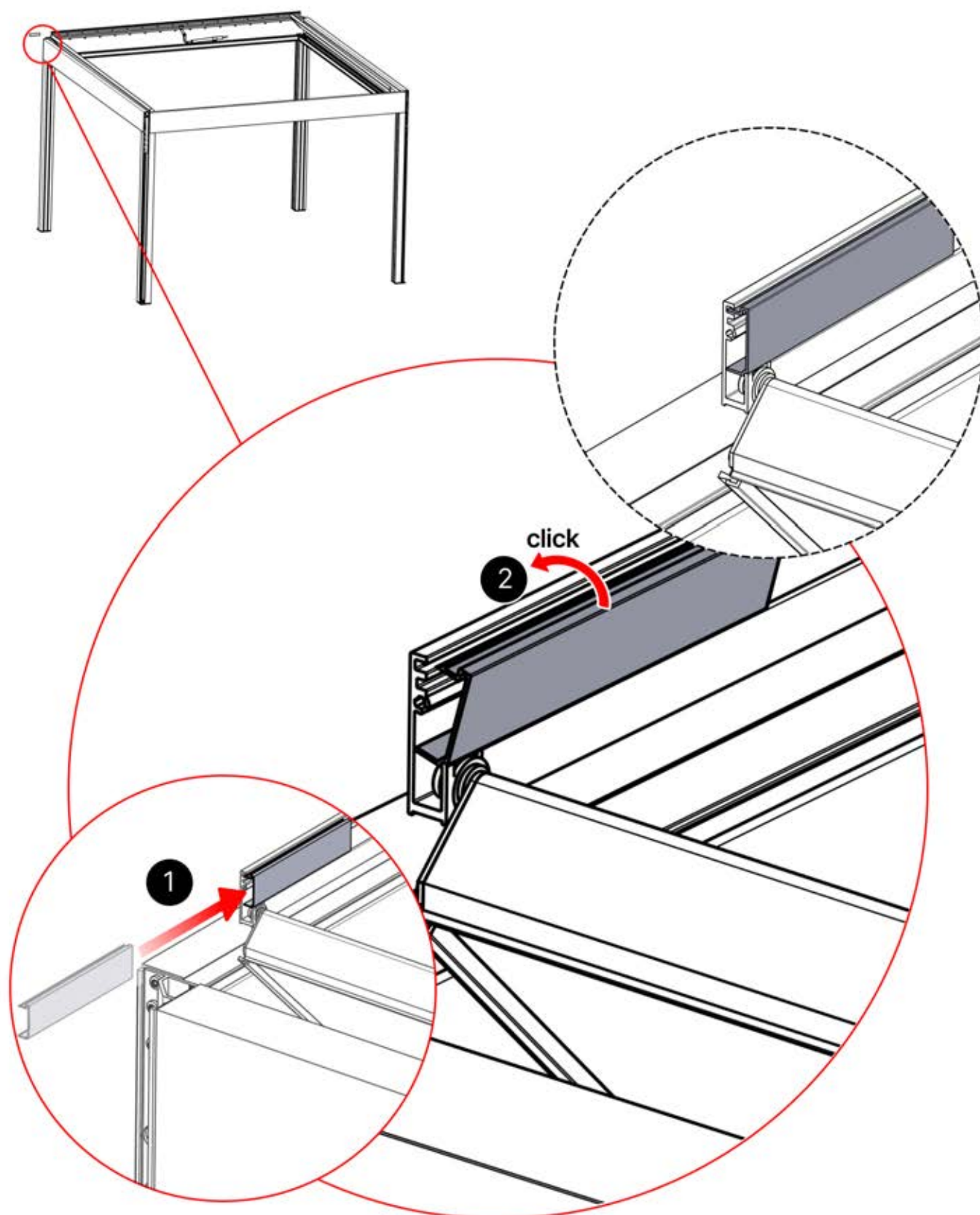
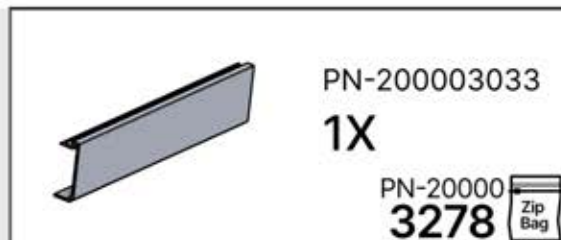
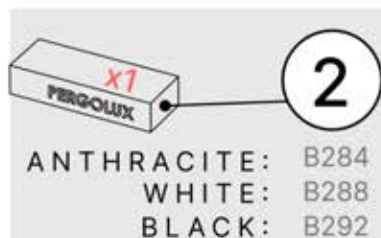


PN-200003534

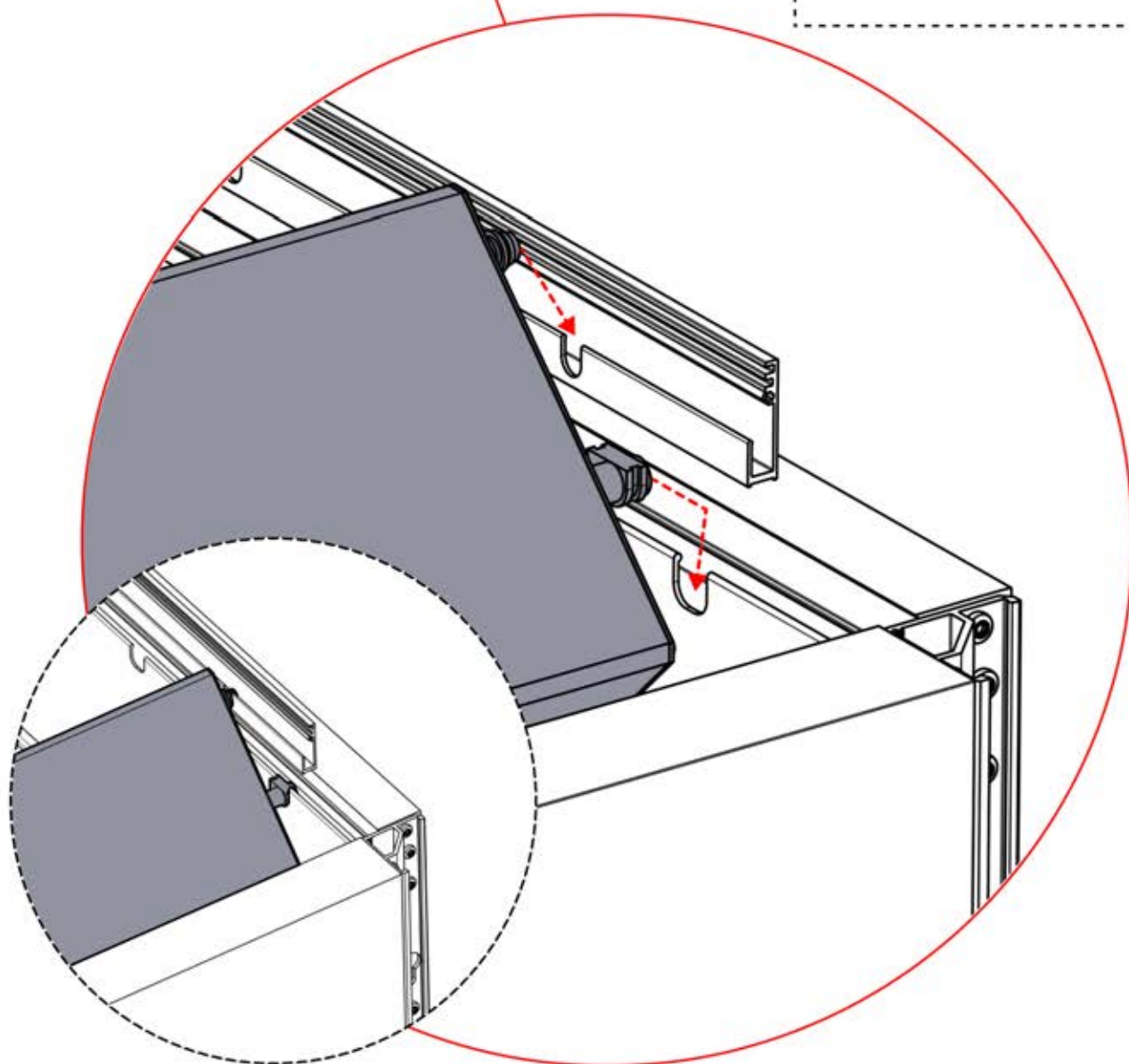
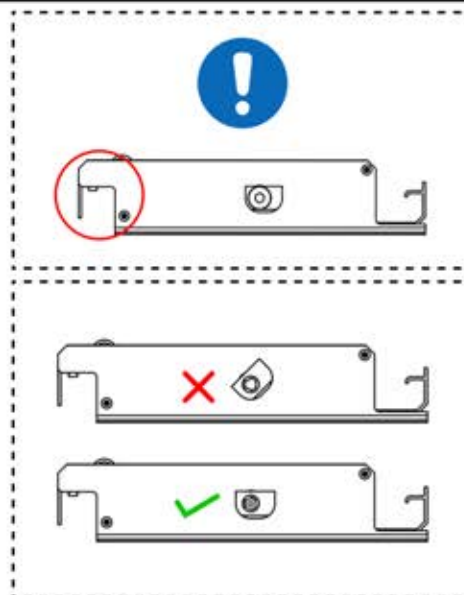
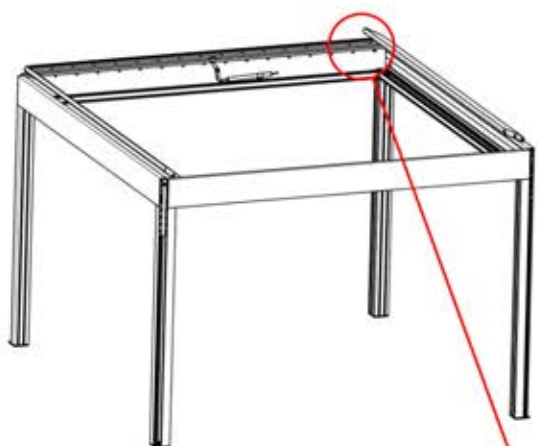
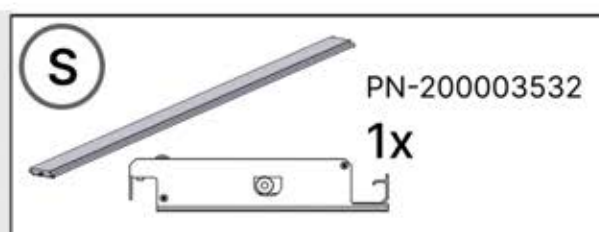
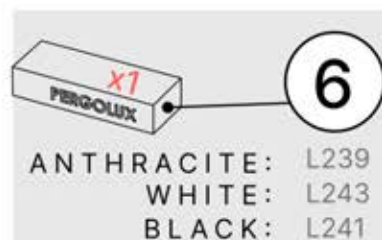
1x



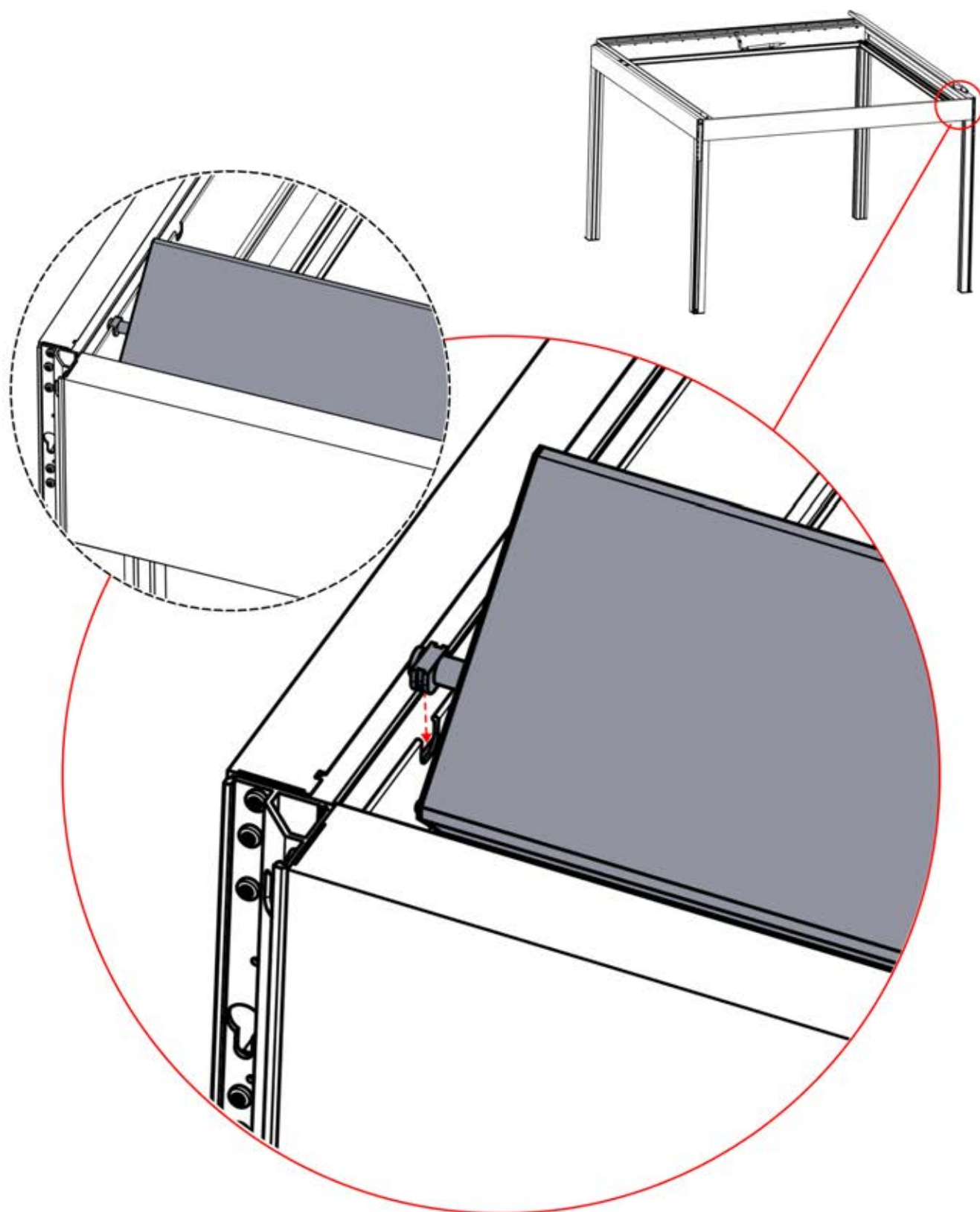
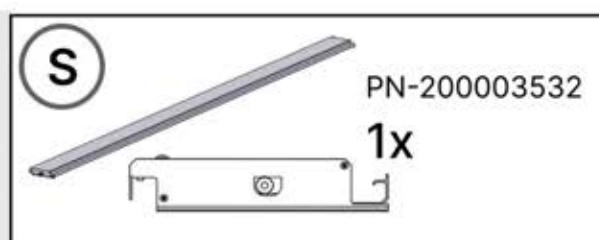
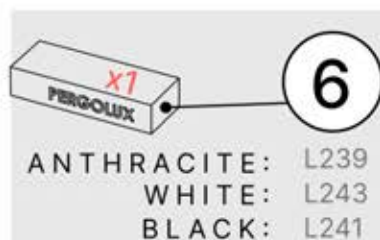
52



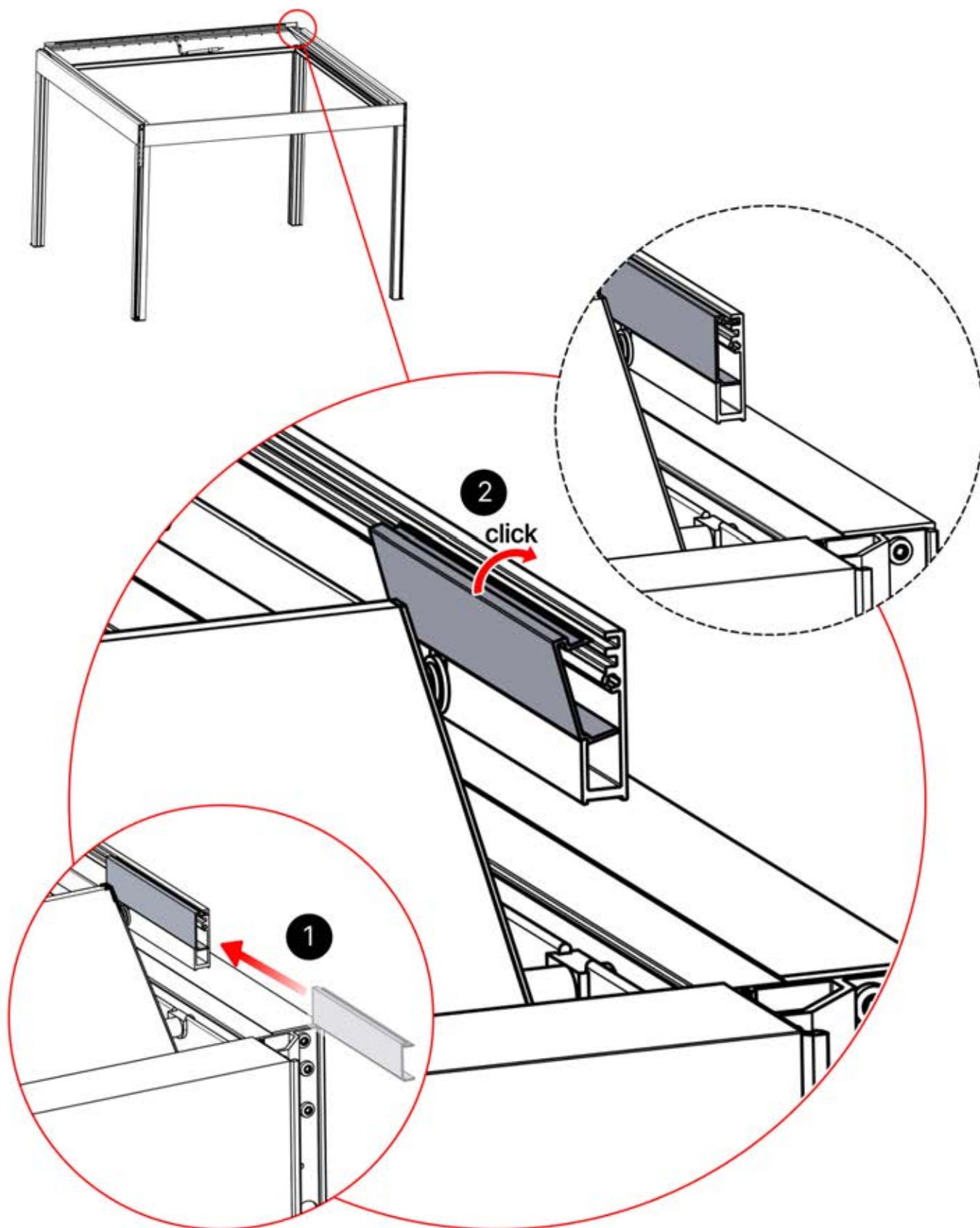
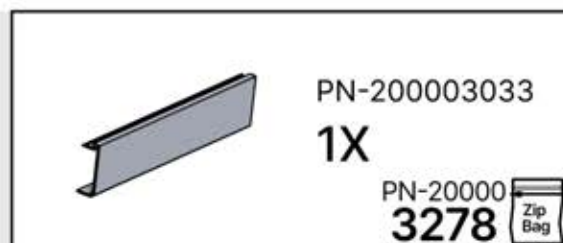
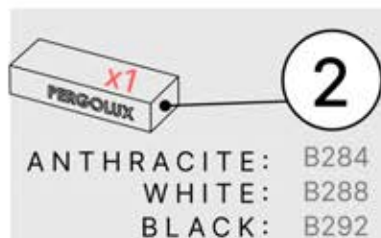
53



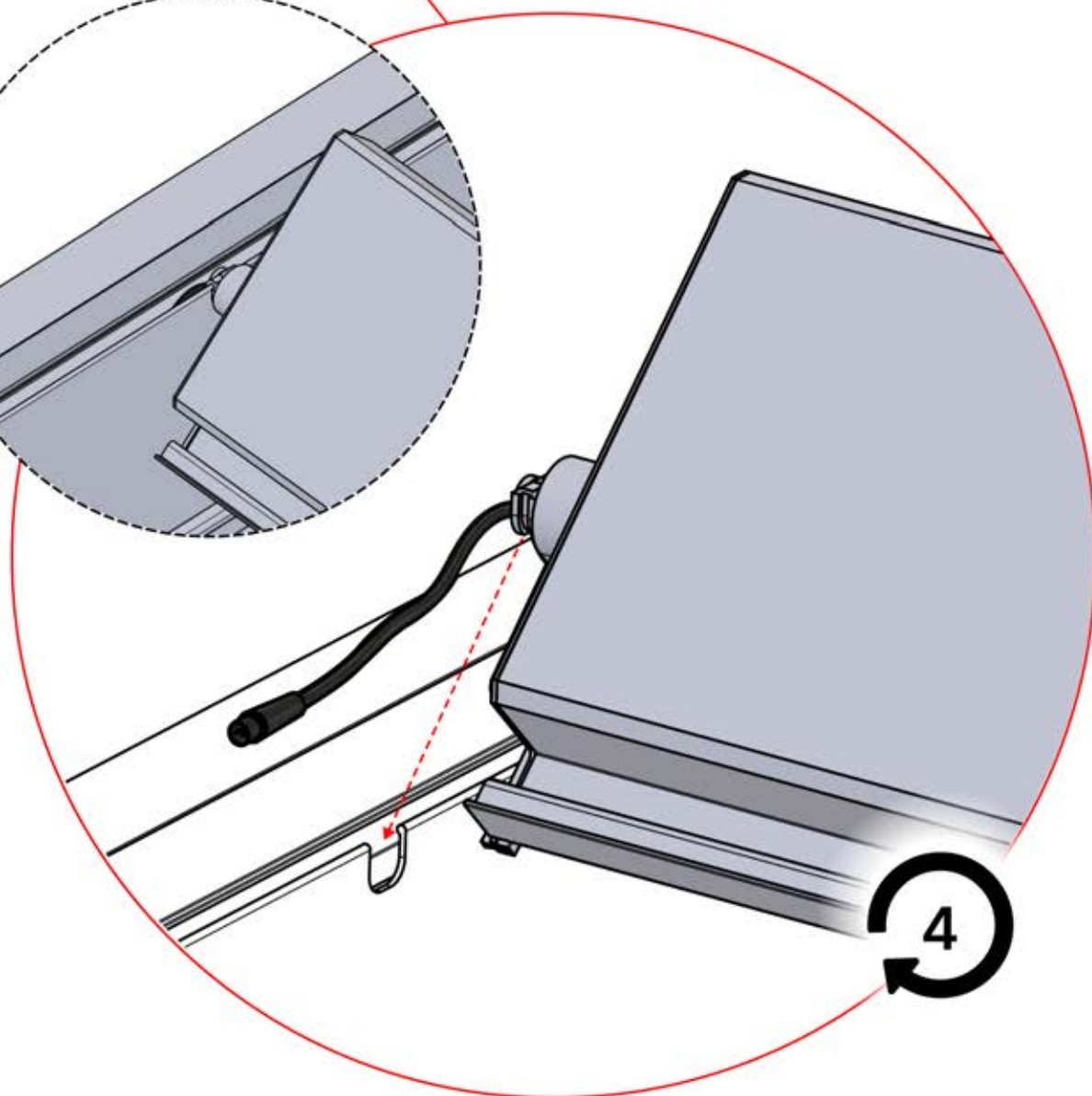
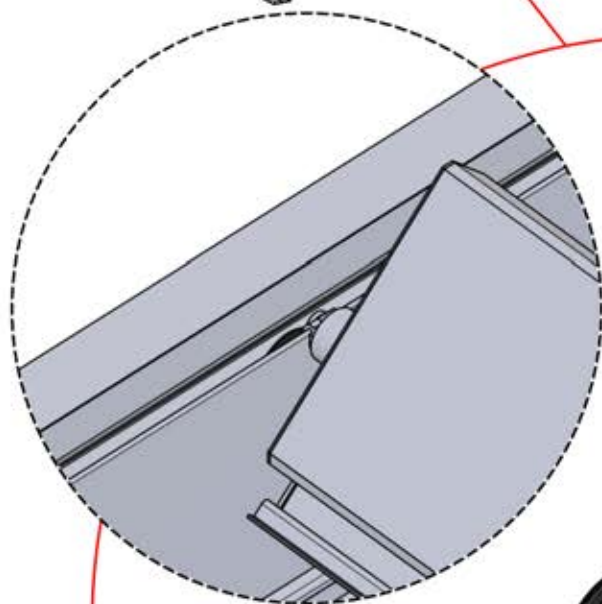
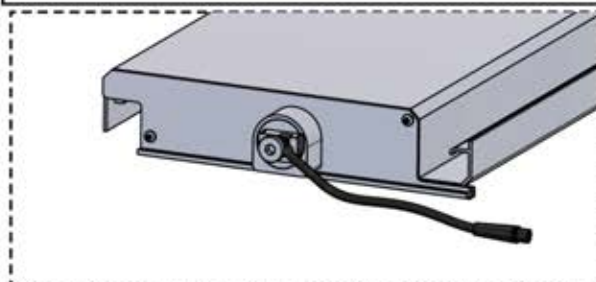
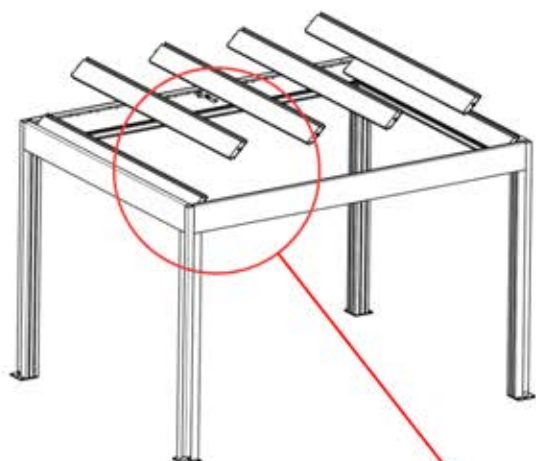
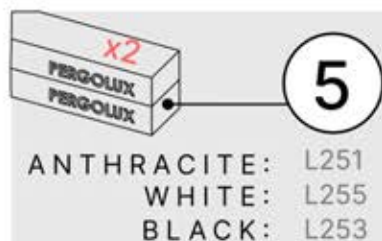
54

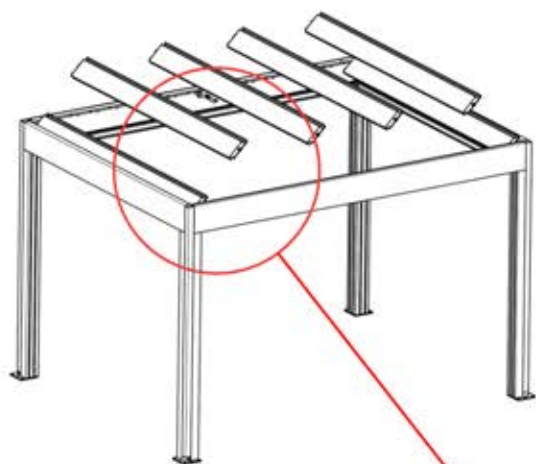


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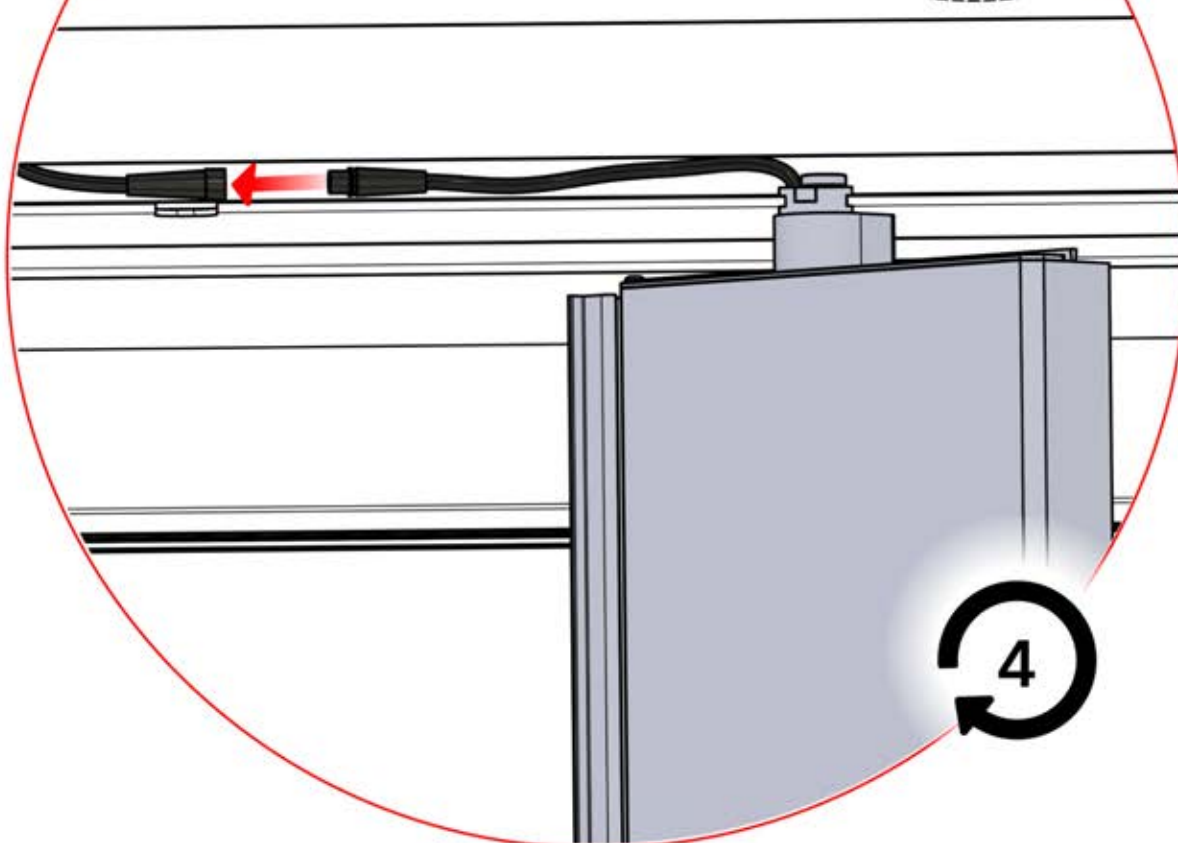
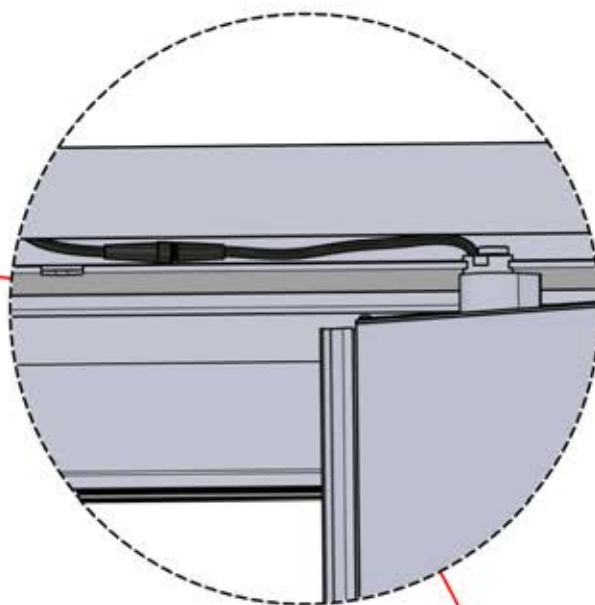


56

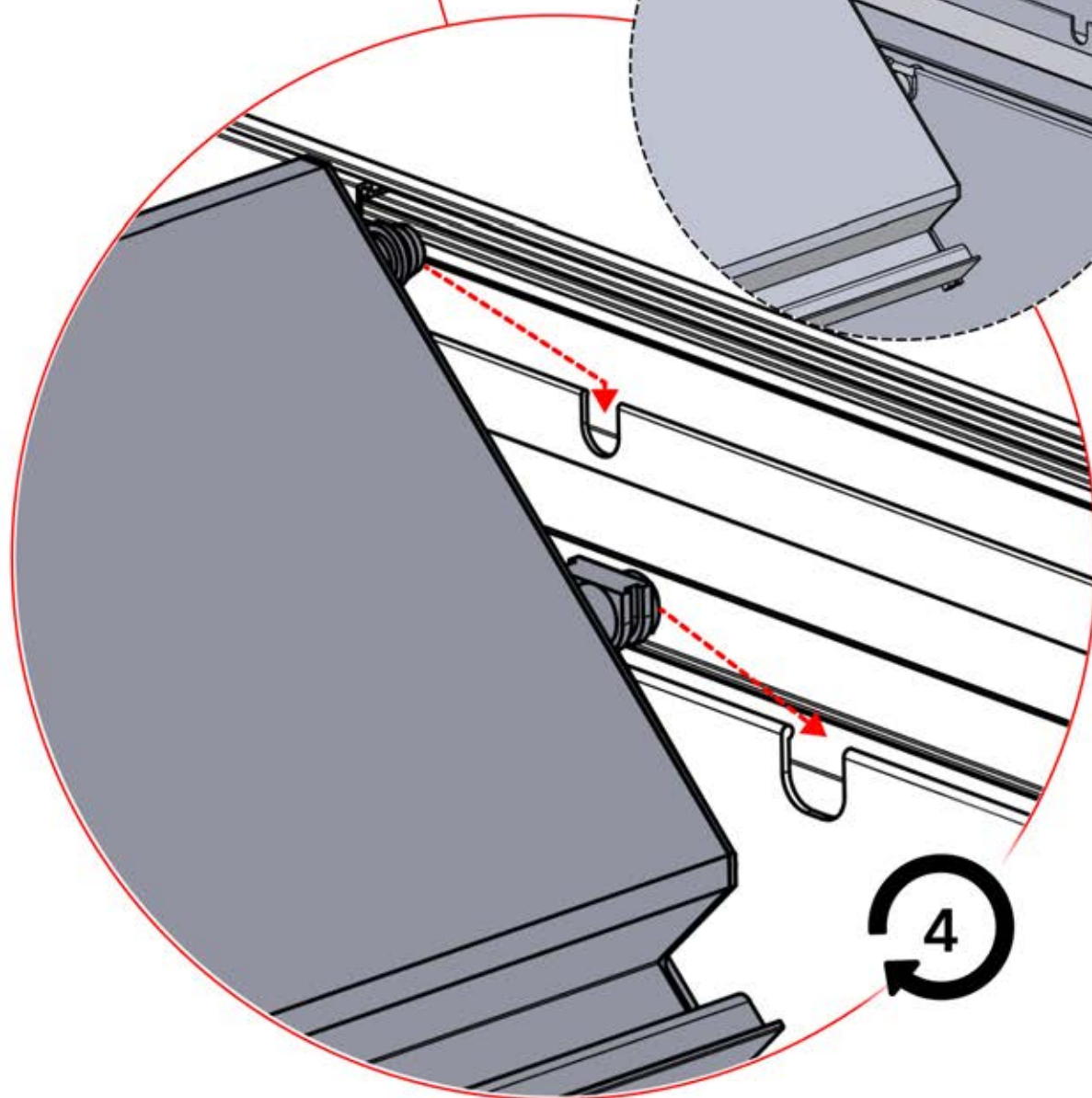
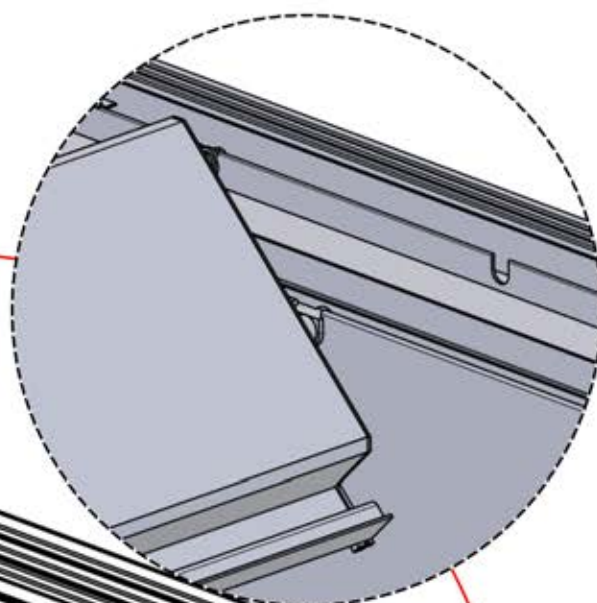
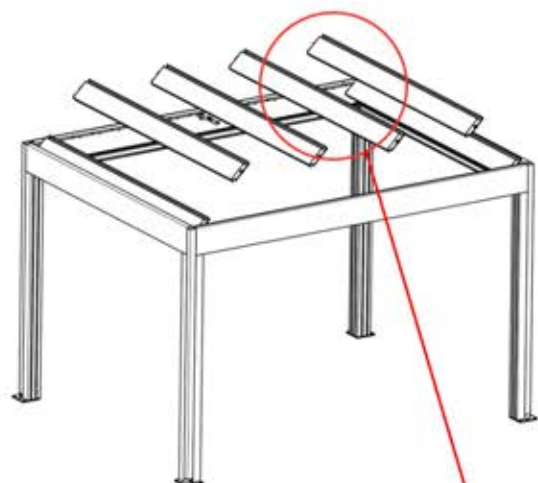
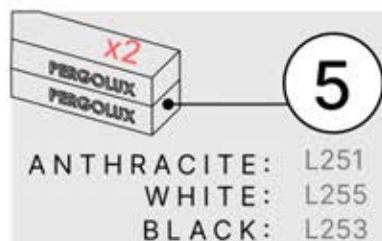




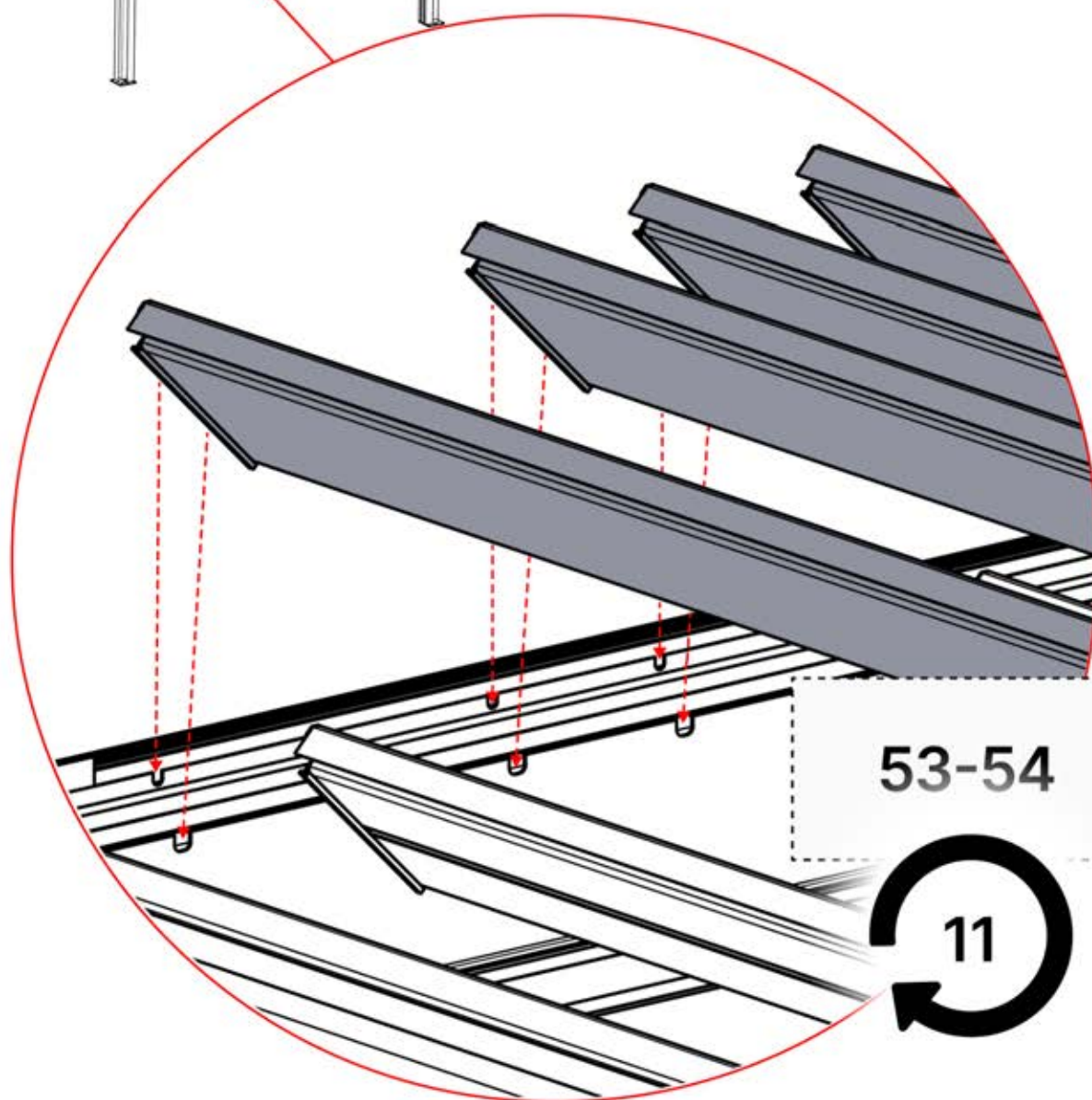
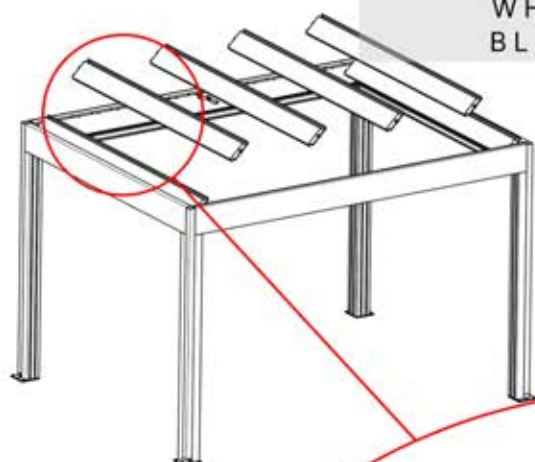
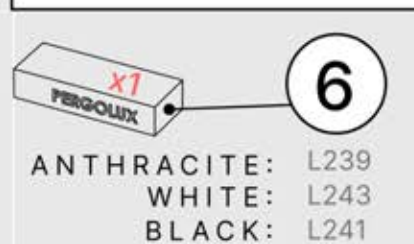
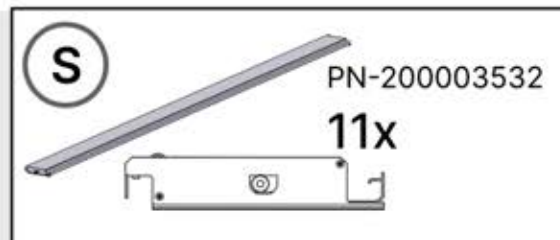
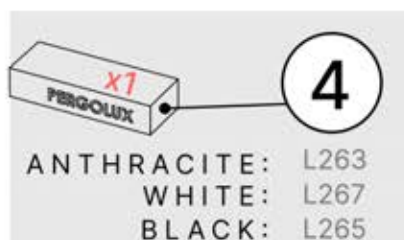
!
Connect the LED
cable to the 4-pin LED
wire



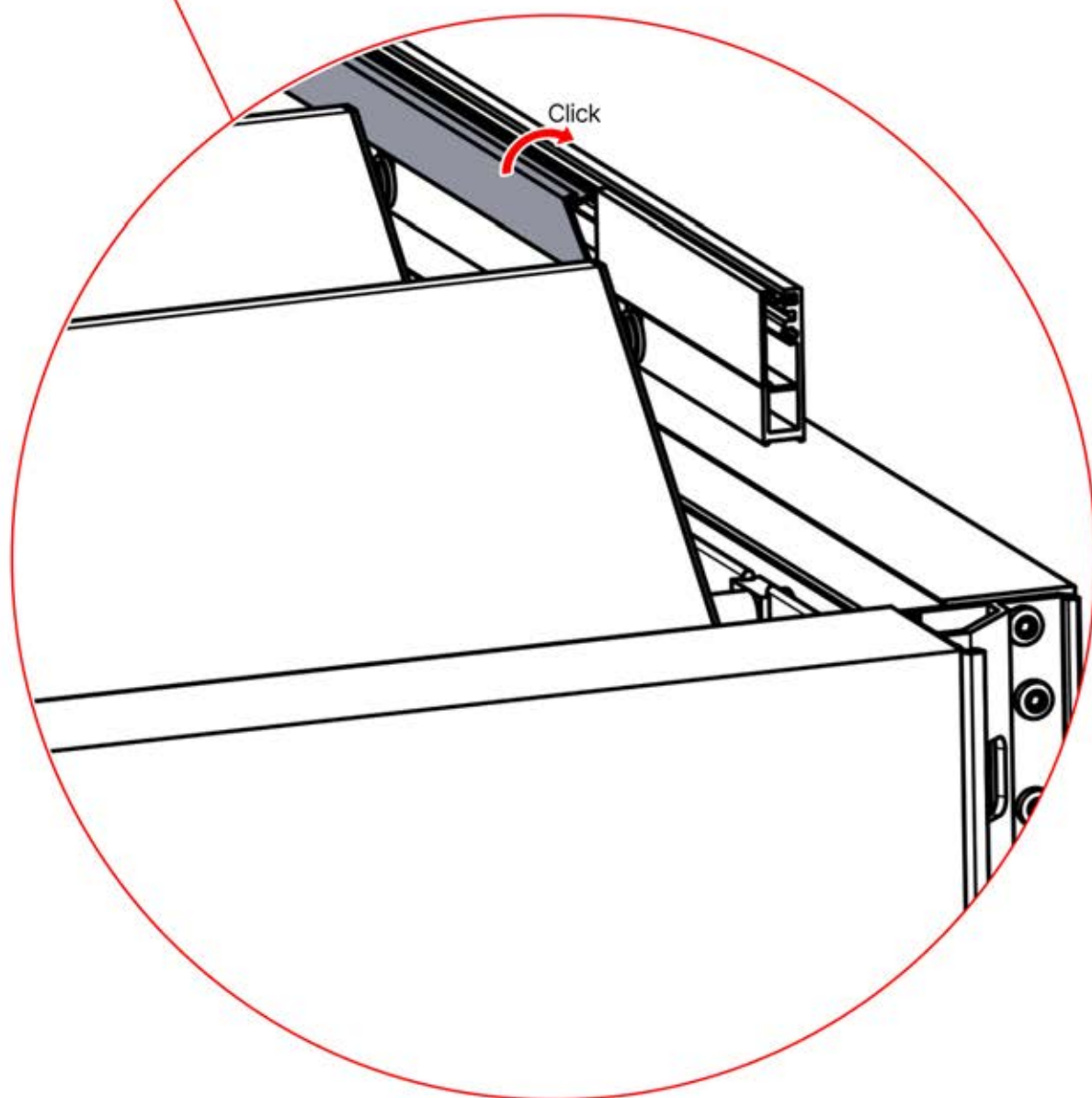
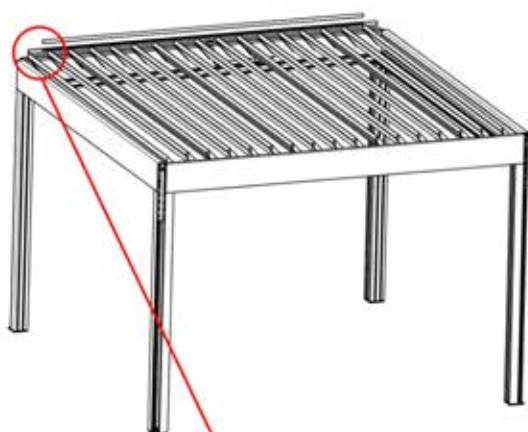
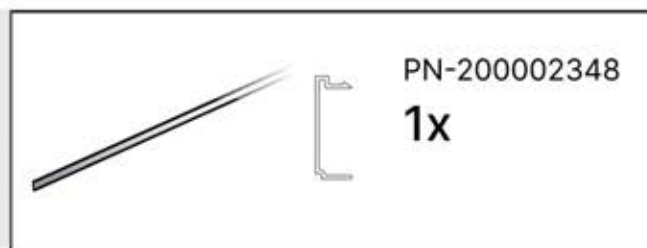
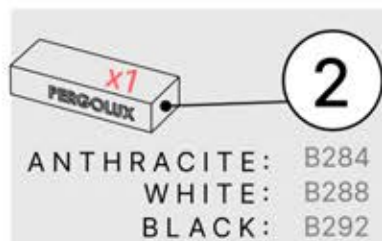
58



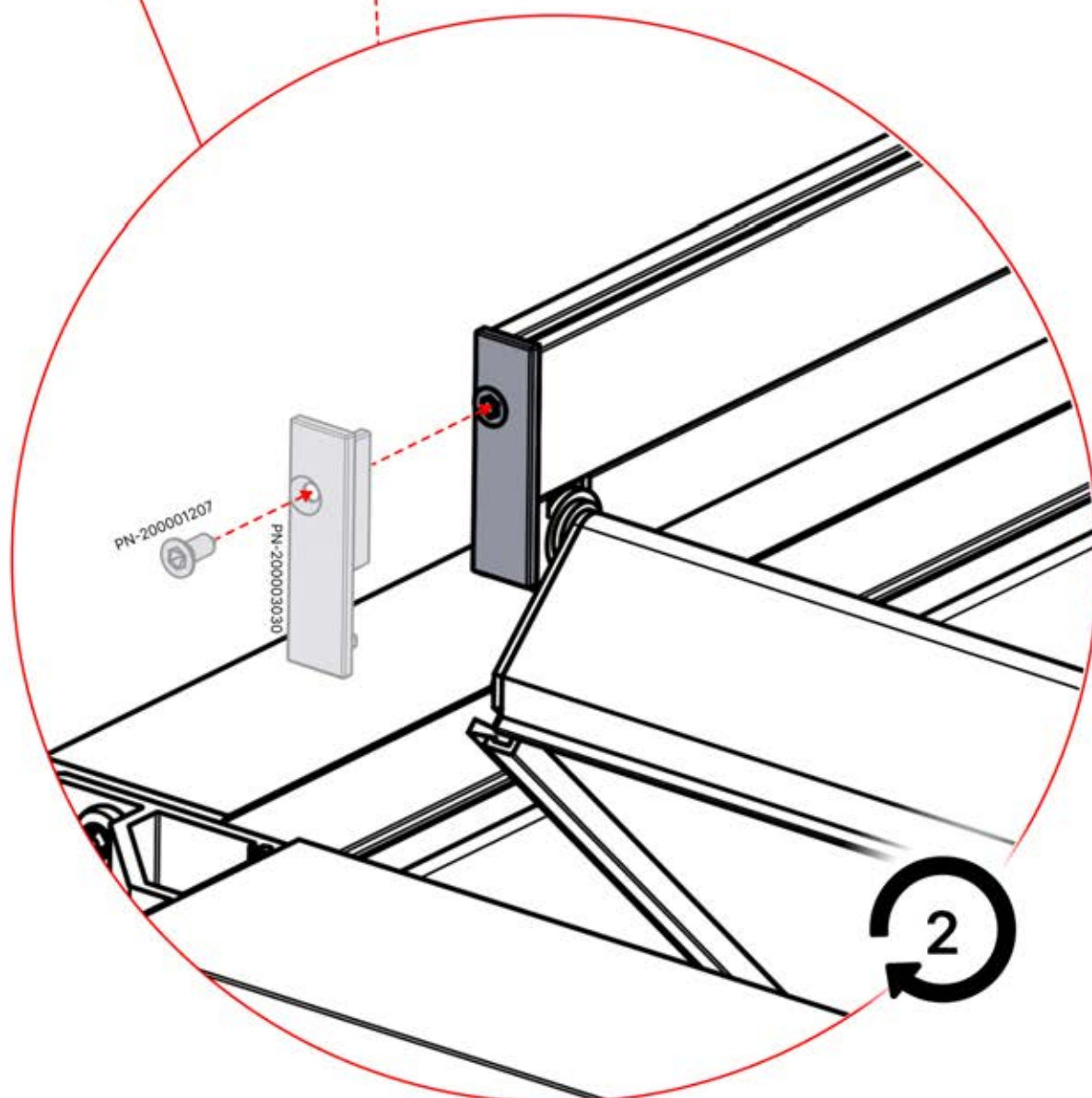
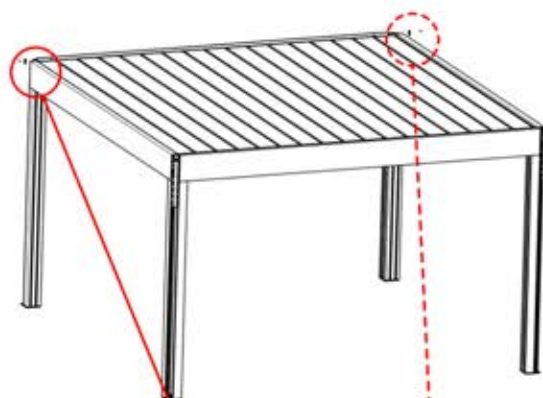
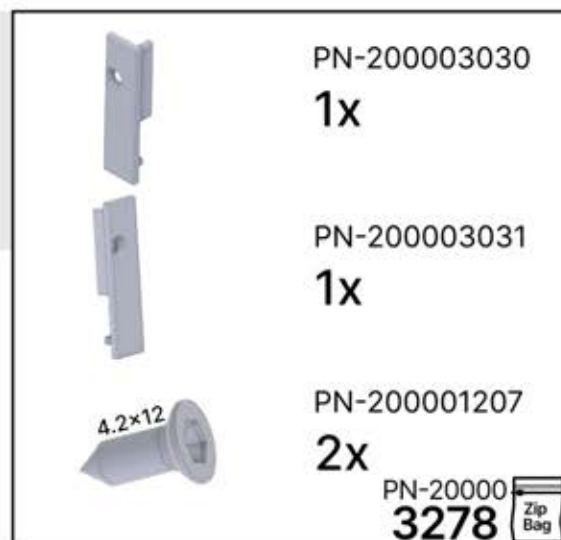
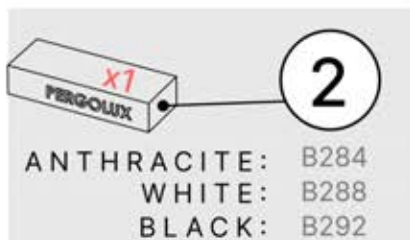
59



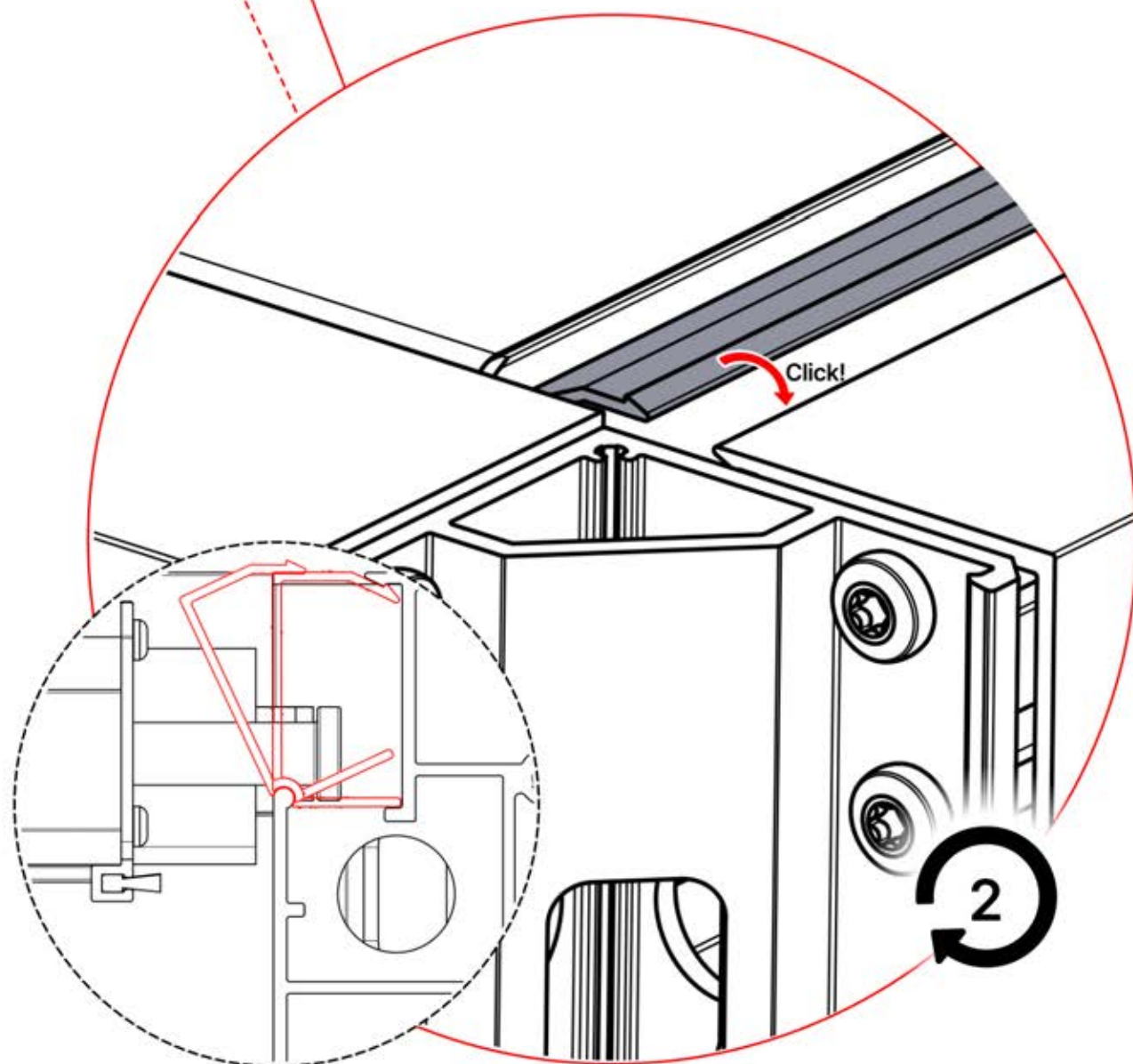
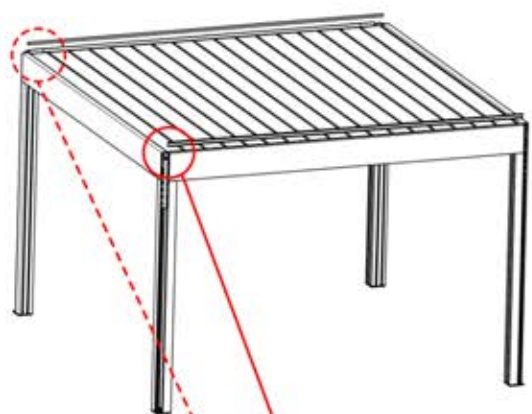
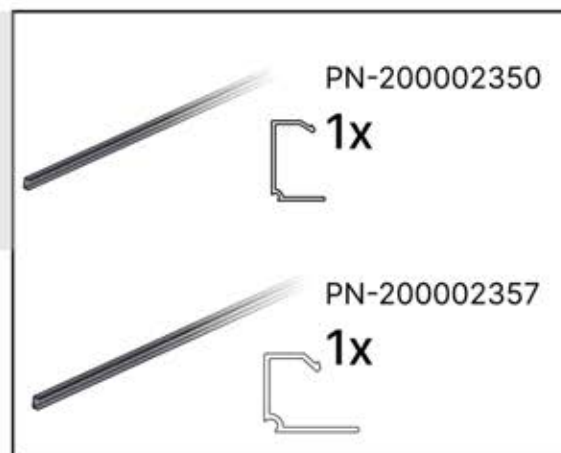
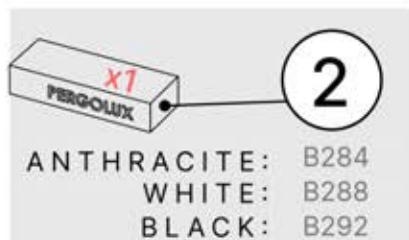
60



61



62

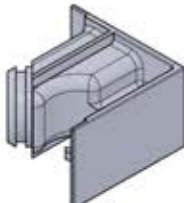


INFORMATION

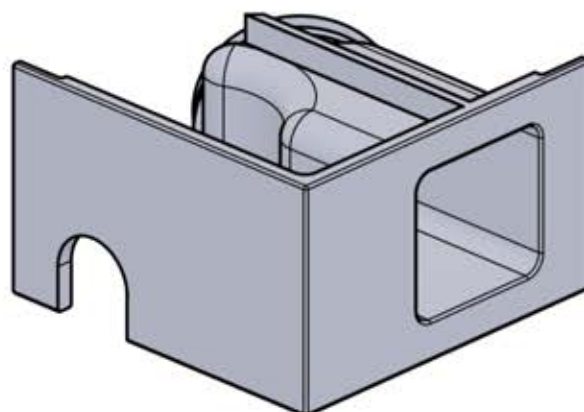
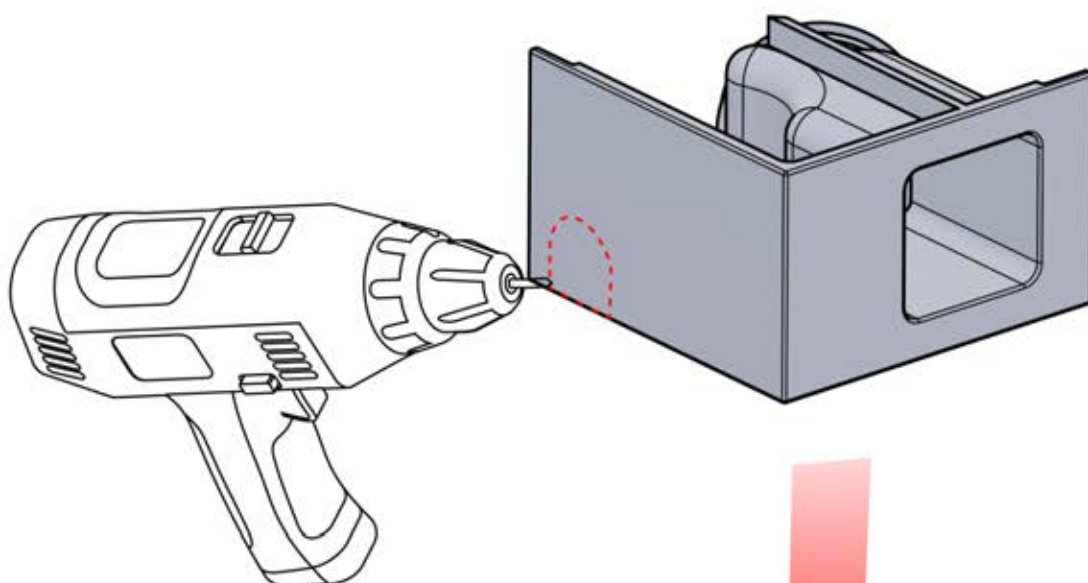


ANTHRACITE: B284
WHITE: B288
BLACK: B292

2



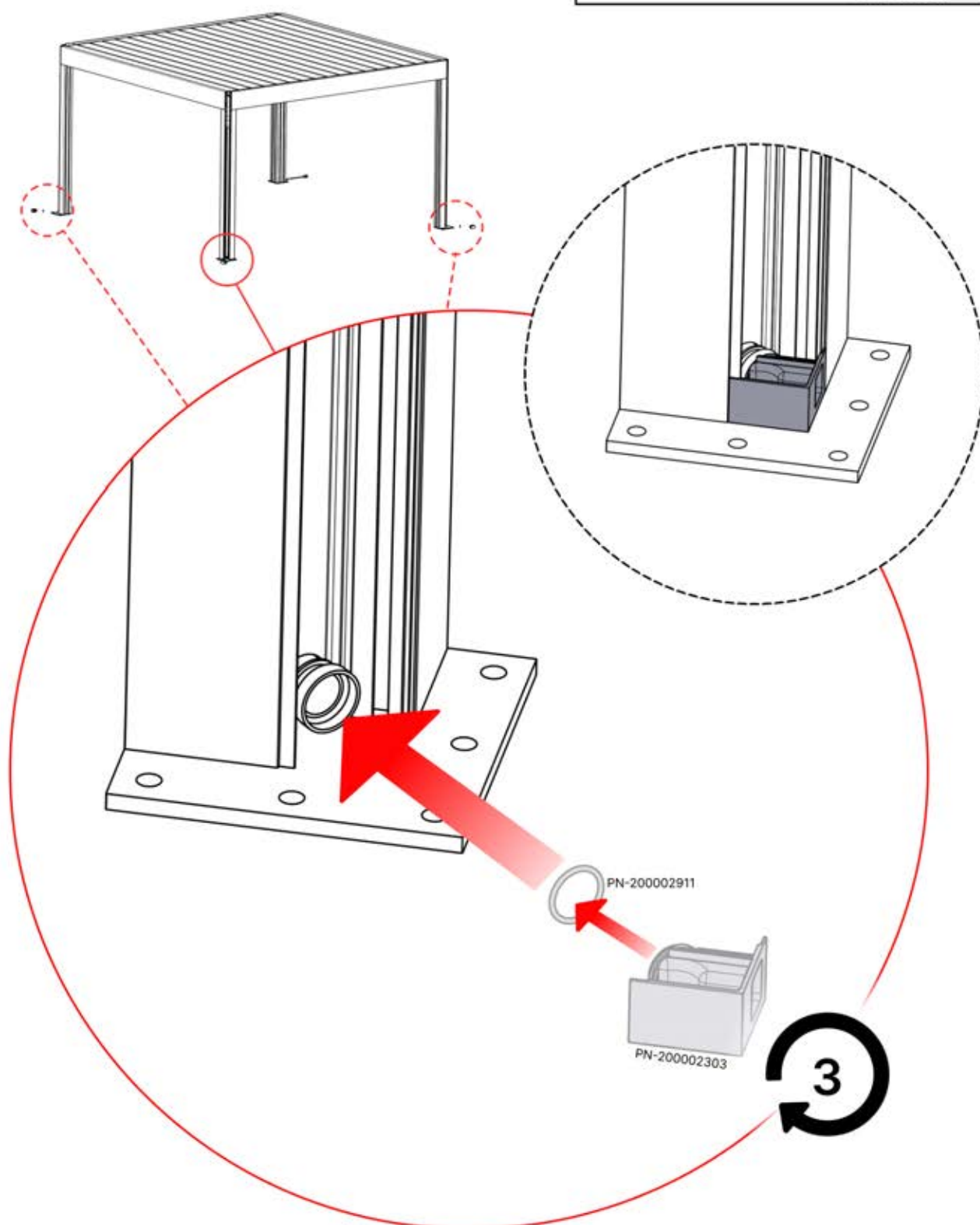
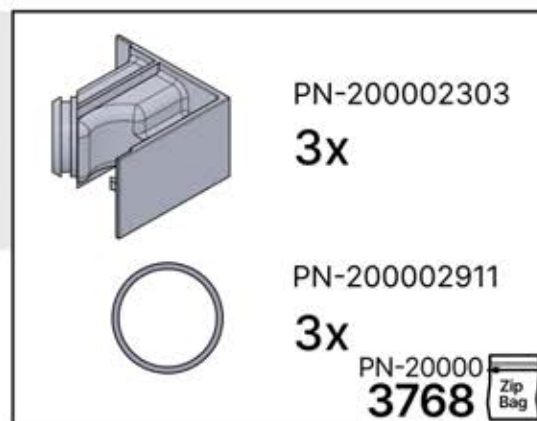
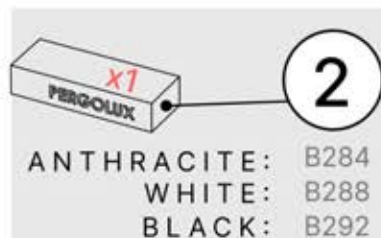
PN-200002303
1x
PN-20000
3768 



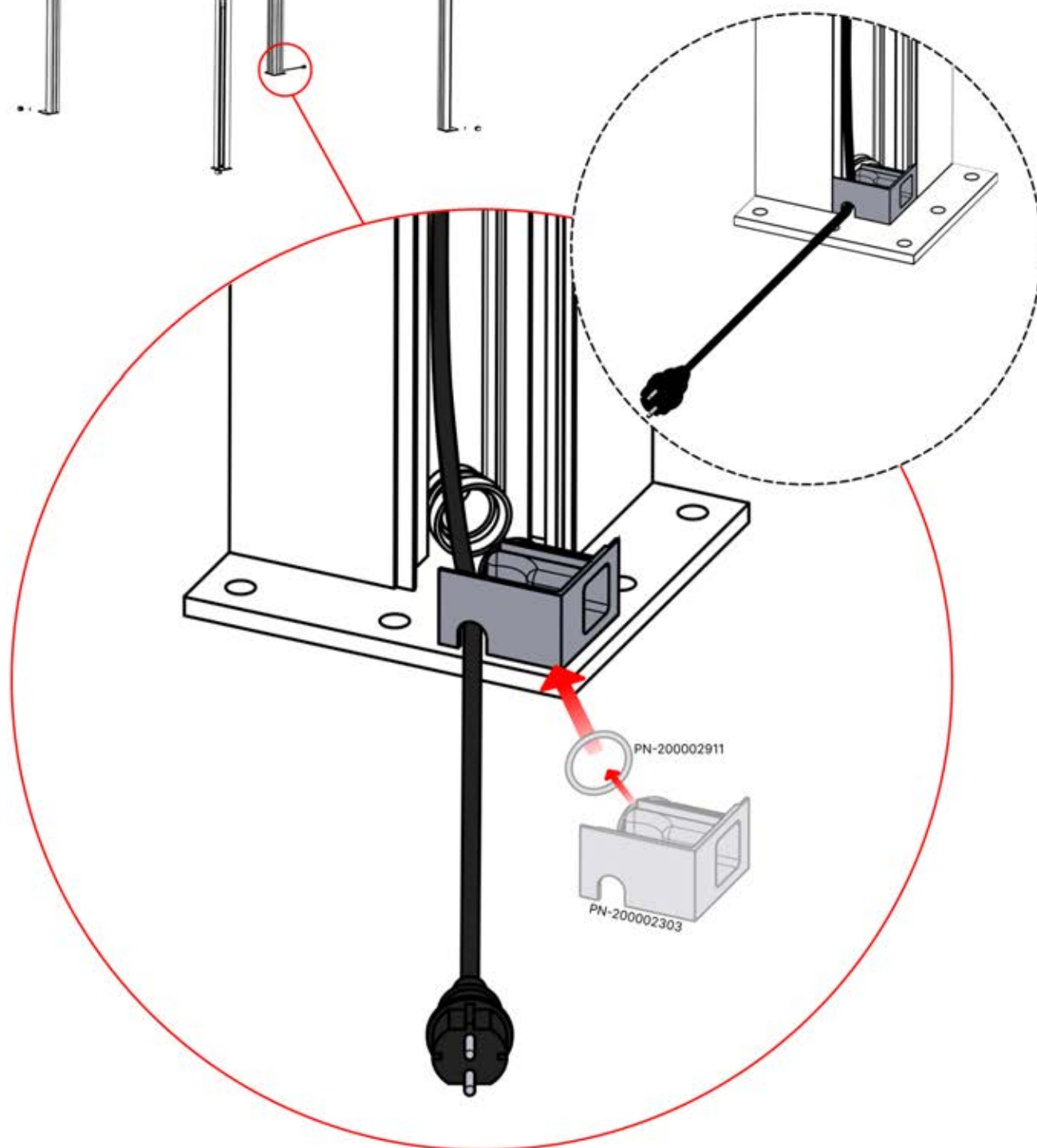
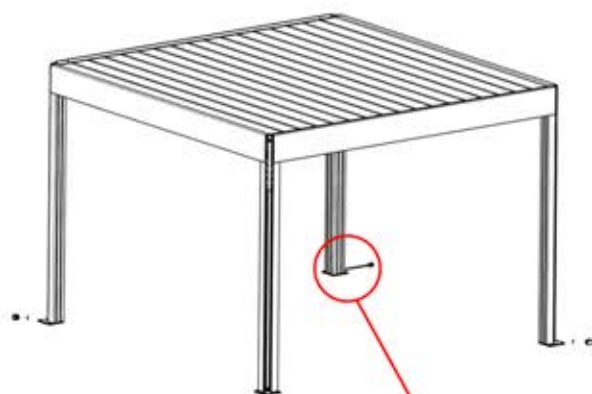
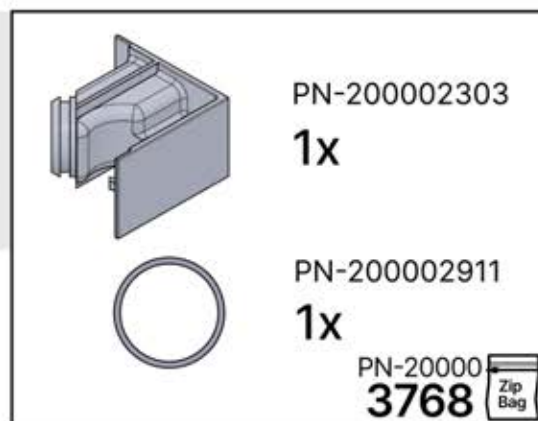
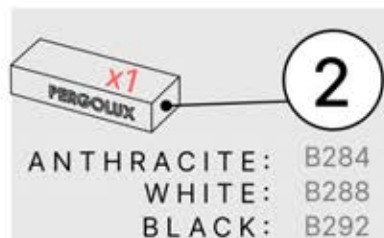
Select one of the four
PN-200002303 parts and drill a
10 mm diameter hole to
accommodate the power cable.

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

63



64



65

x2
PERGOLUX
PERGOLUX

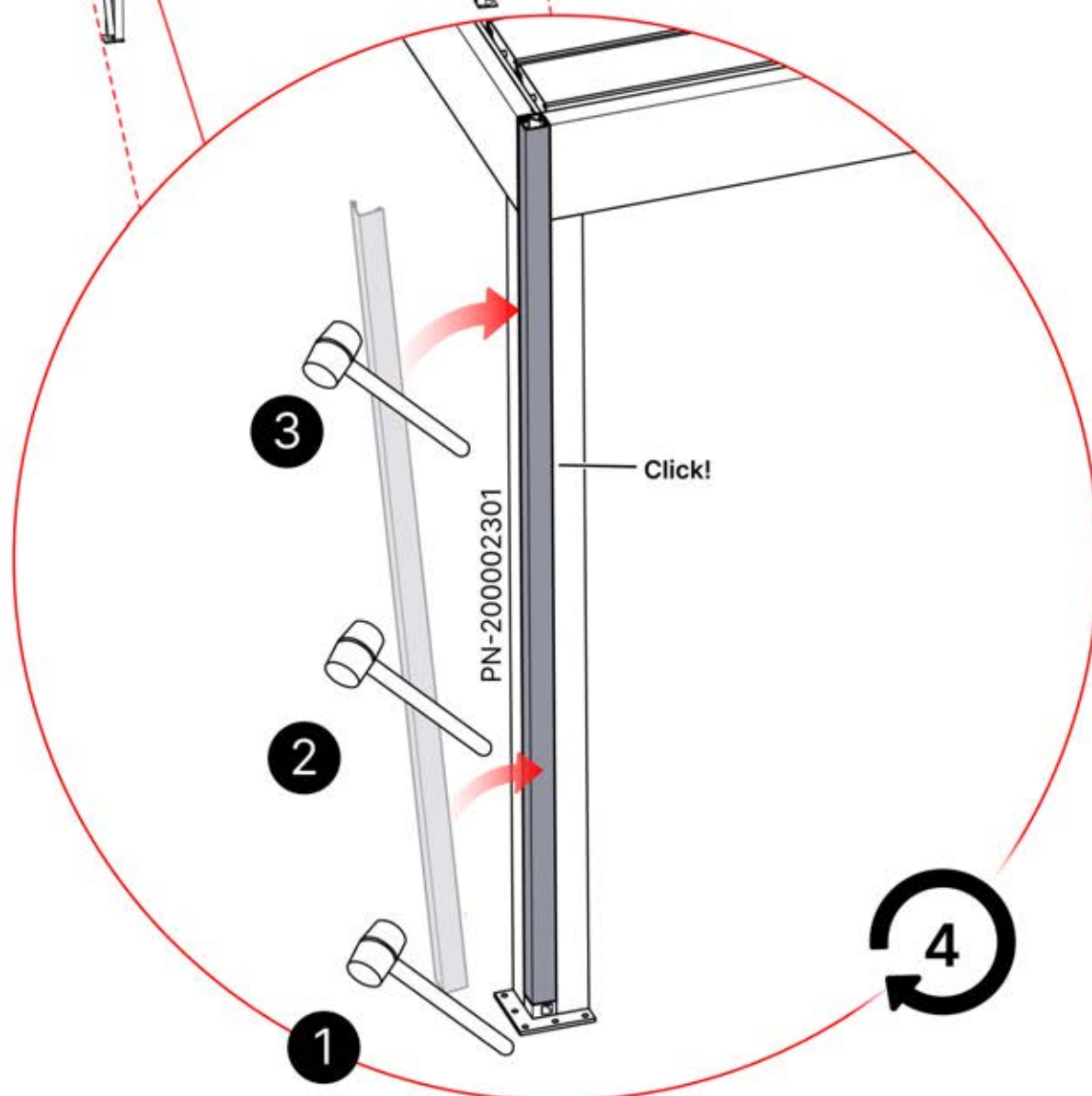
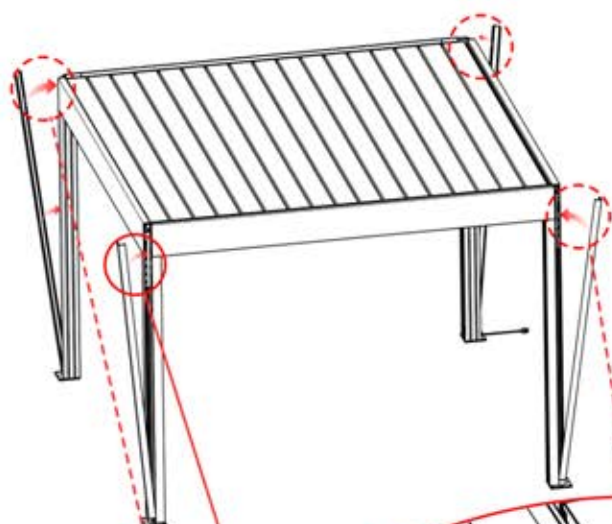
1

ANTHRACITE: C126
WHITE: C127
BLACK: C128

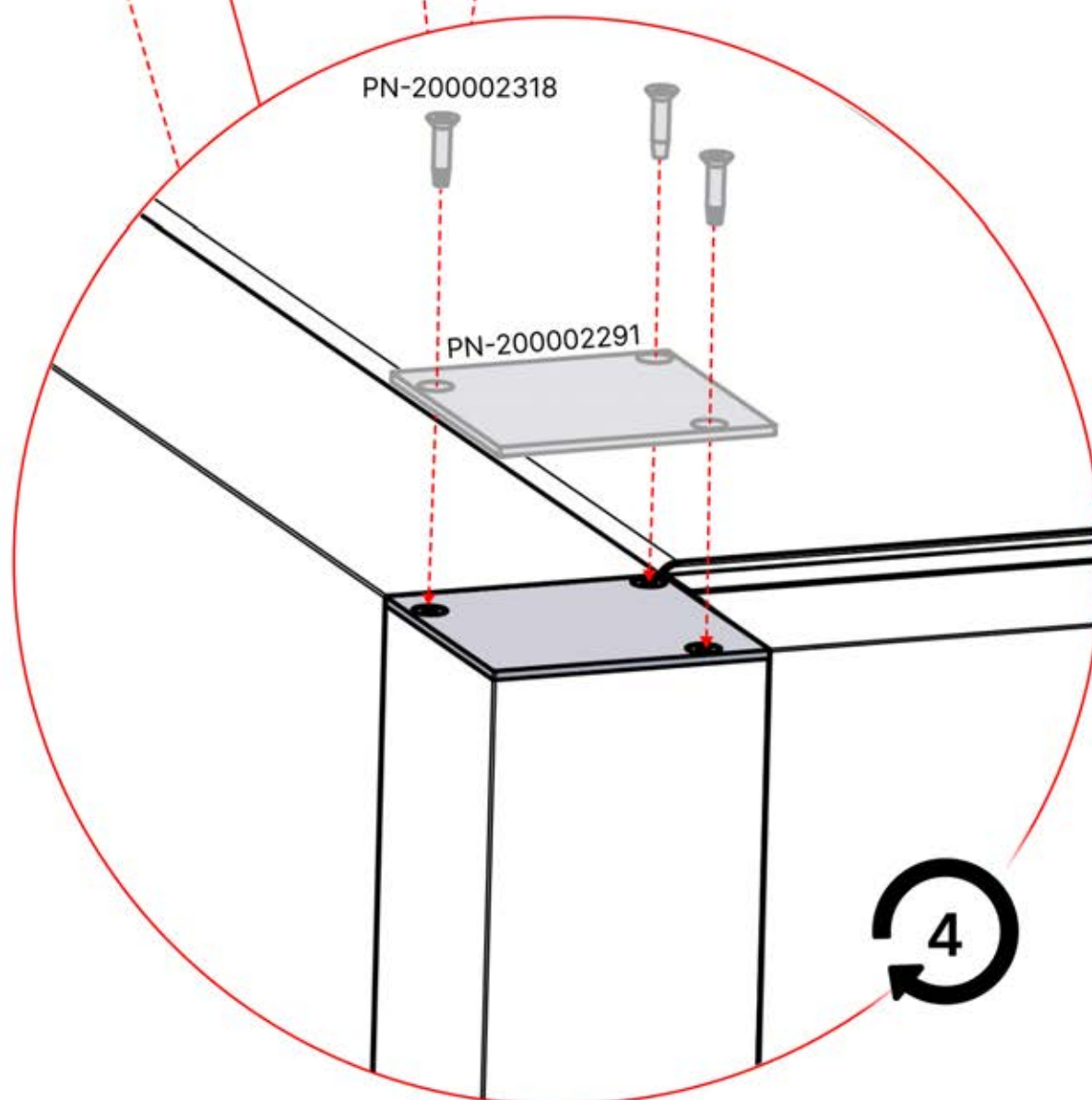
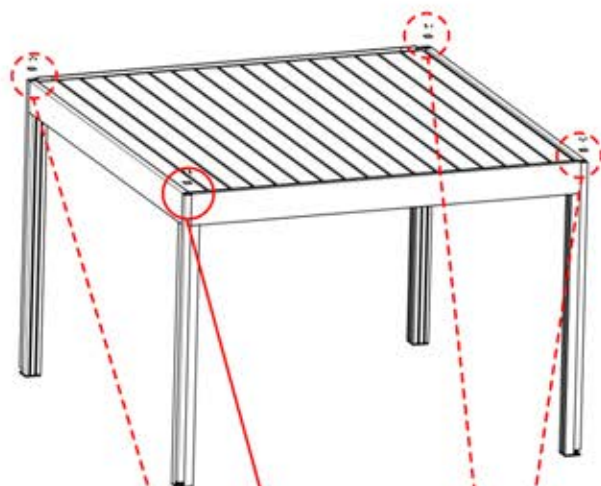
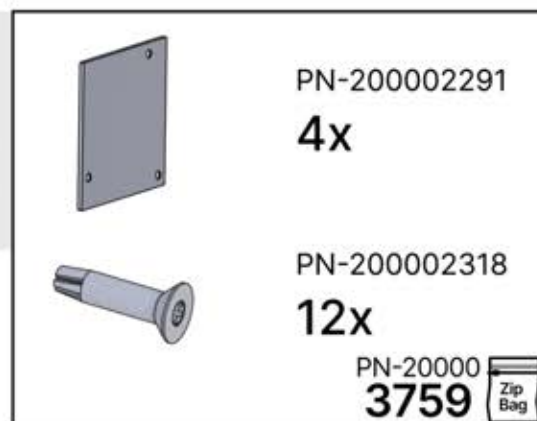
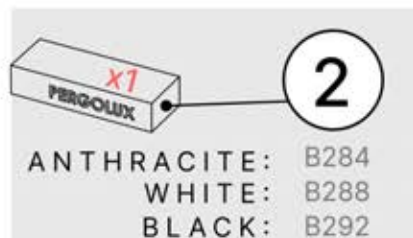
PN-200002301
4x

⊗

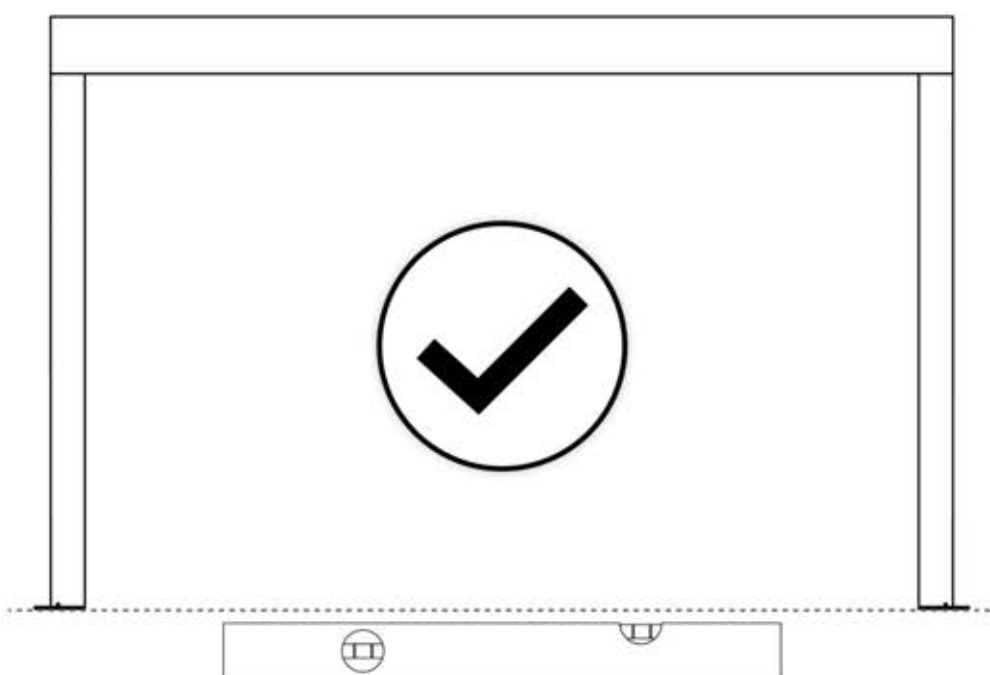
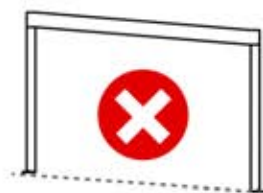
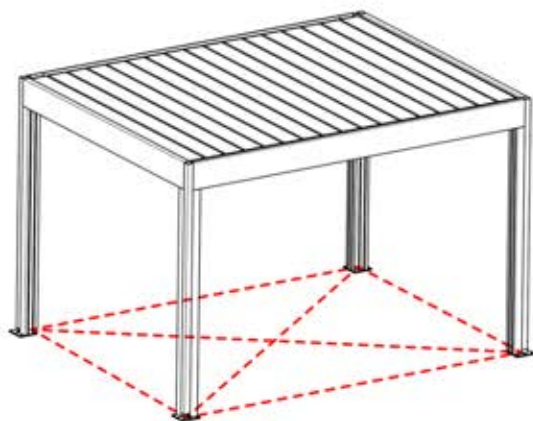
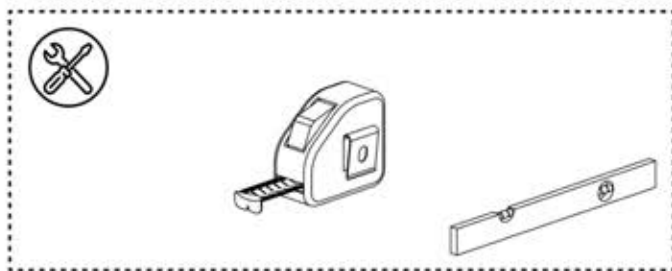
⊗



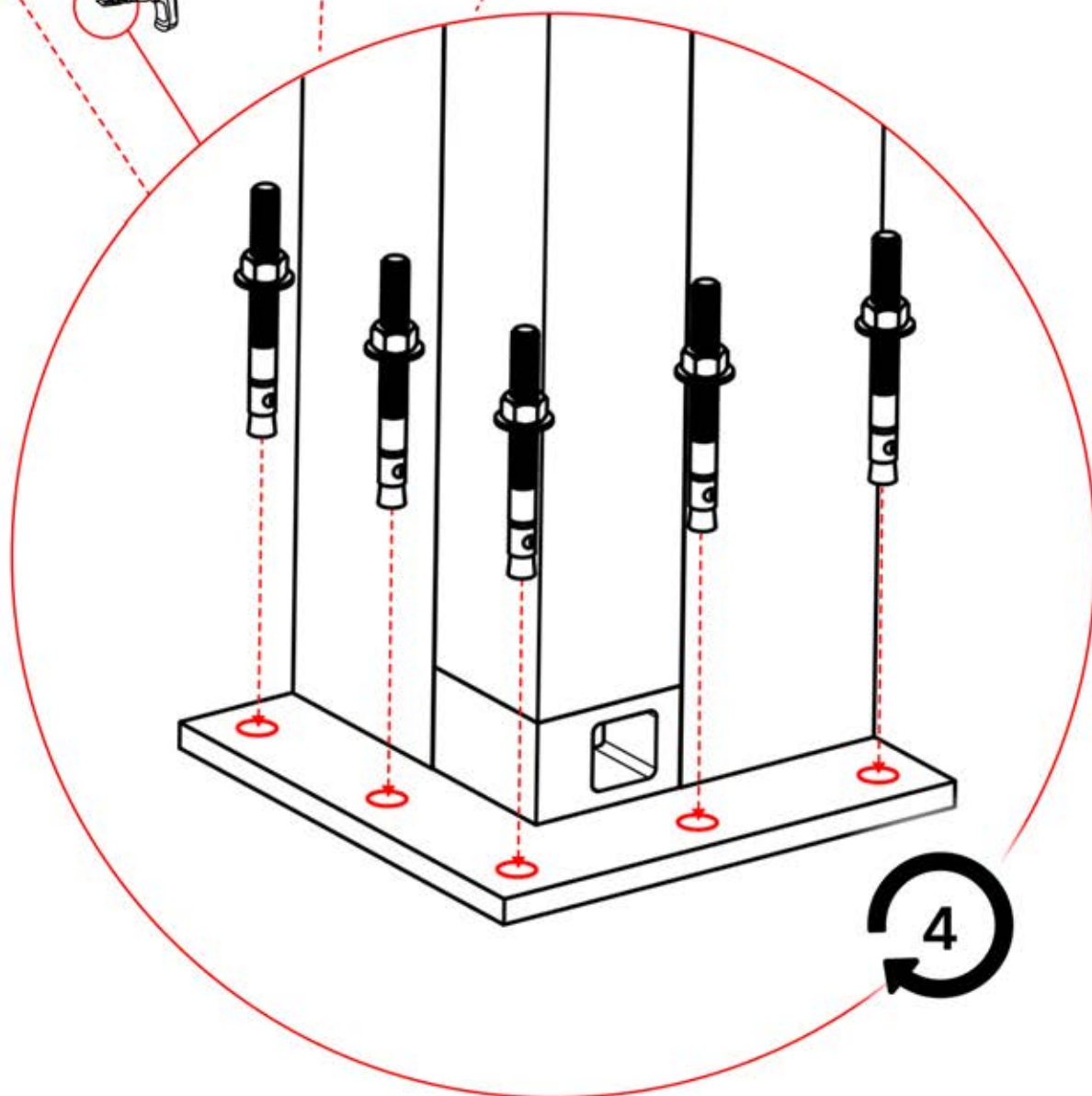
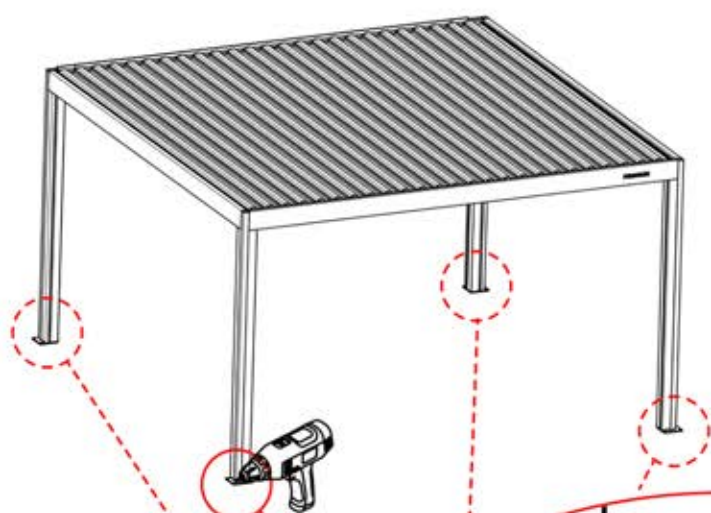
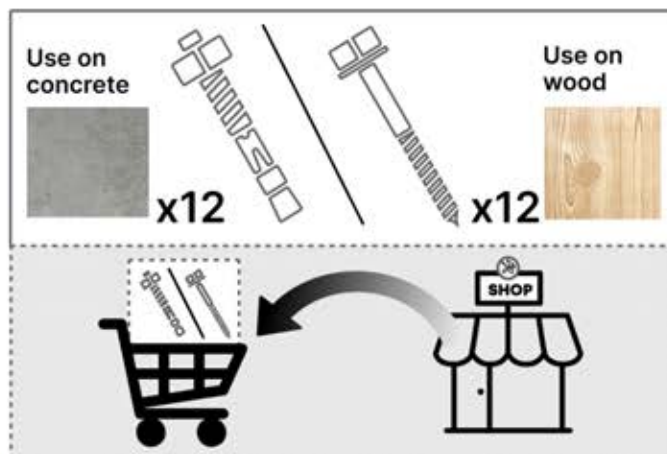
66



67

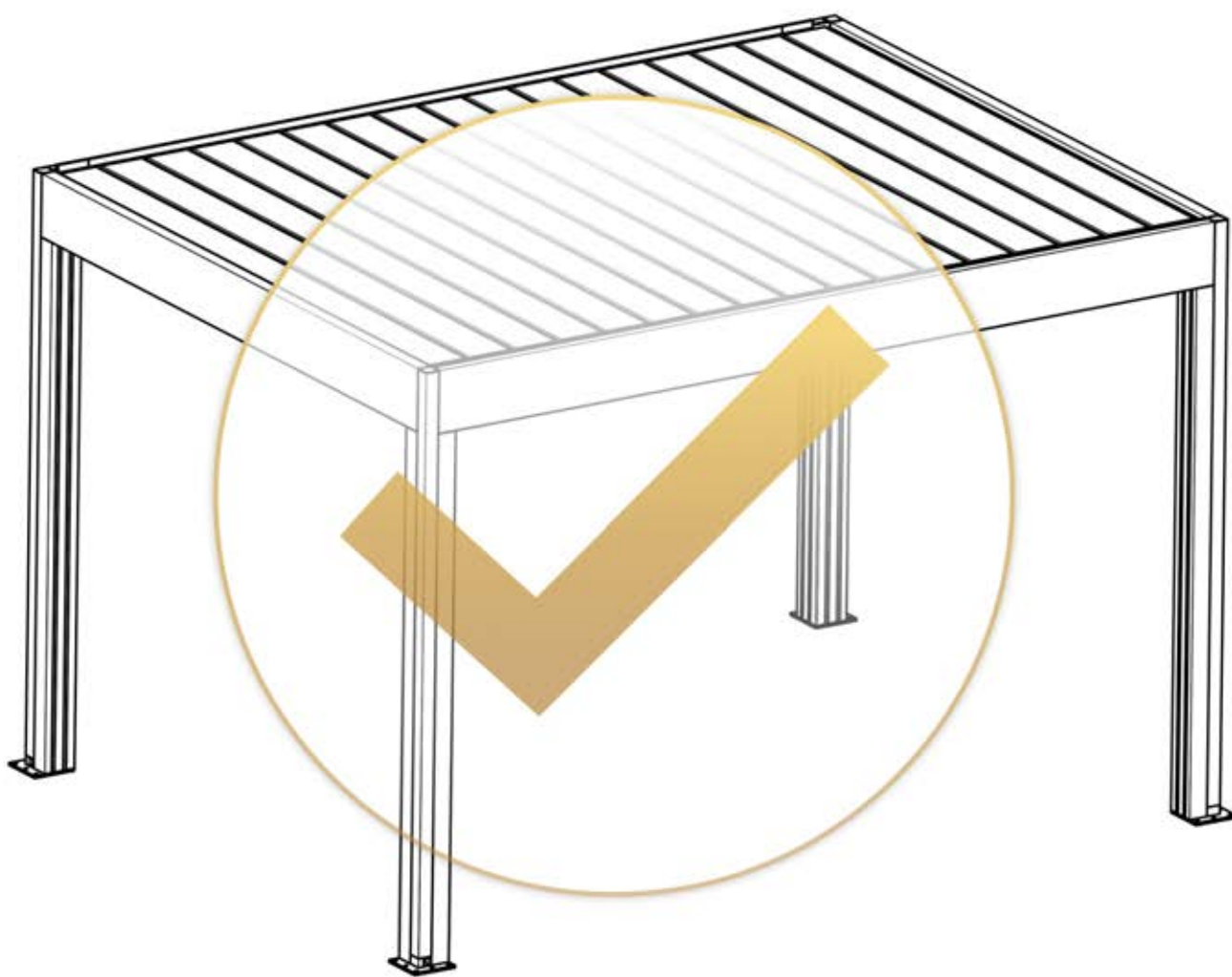


68



PERGOLUX | PERGOLA PRO MAX+ FREESTANDING S4

3X4M / 10'x13'



Type Approved
Regular
Production
Surveillance

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