

Pergola
PRO
MAX+

PERGOLA

PRO MAX+



4x4m/13'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.



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

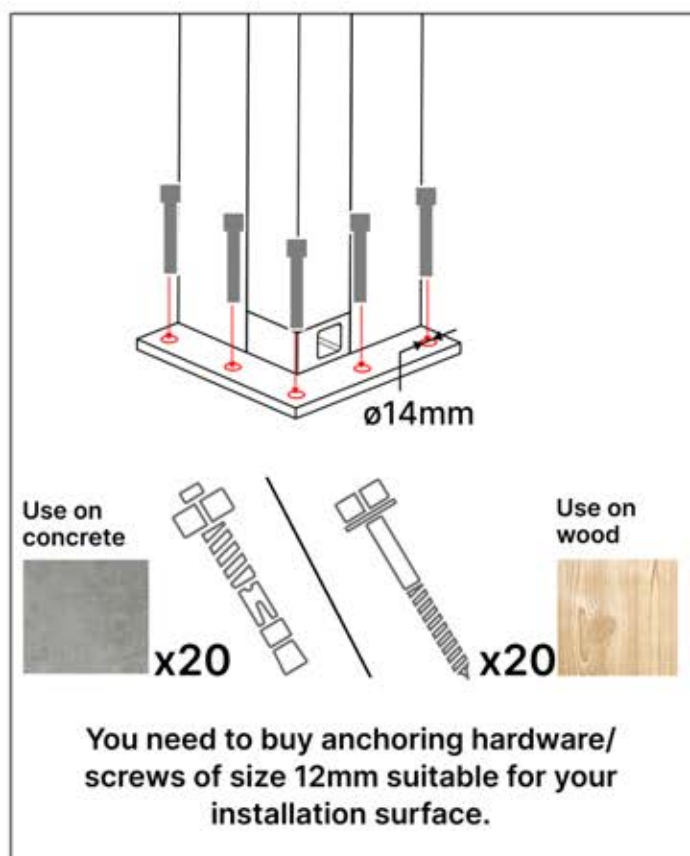


Turn around



Discard

INFORMATION

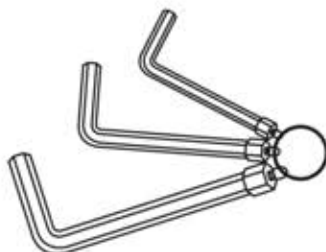
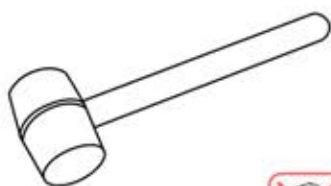


All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

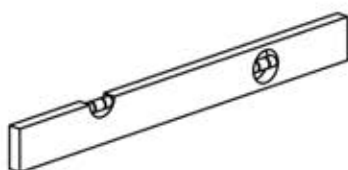
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



TOOLS

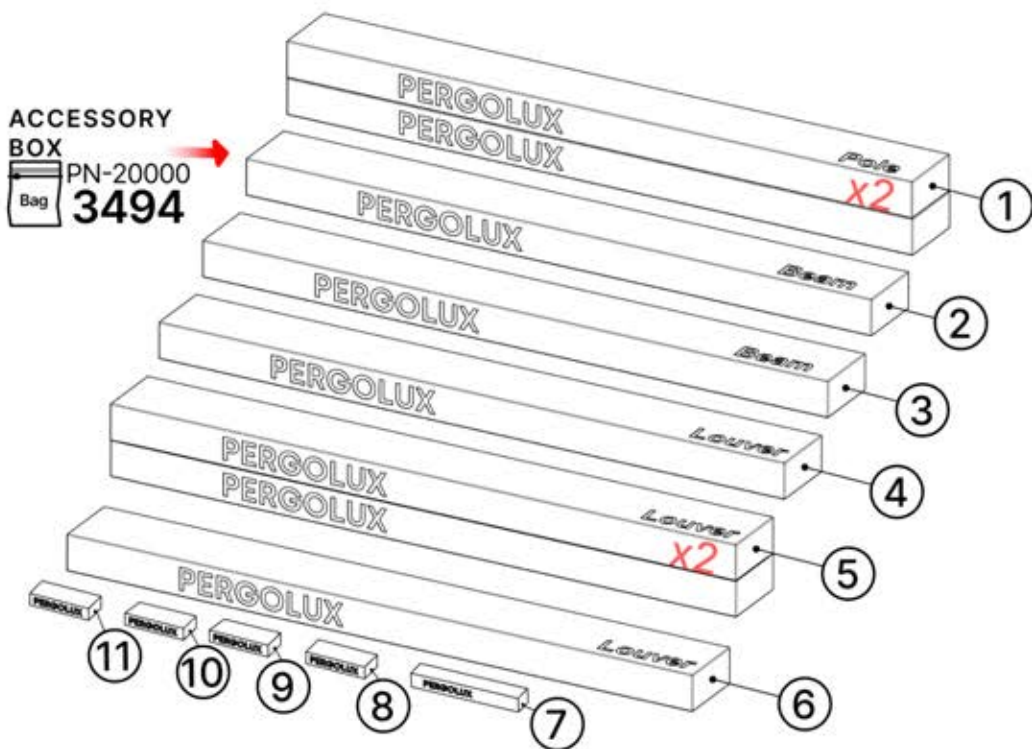


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

PACKAGE OVERVIEW

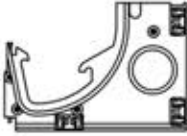
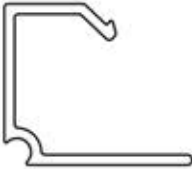


ORDER	ANTHRACITE	WHITE	BLACK
①	C126	C127	C128
②	B284	B288	B292
③	B308	B310	B312
④	L264	L268	L266
⑤	L252	L256	L254
⑥	L240	L244	L242
⑦	ELECTRIC MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		
⑪	SCREW KIT PN-200004210		

ITEMS IN BOX

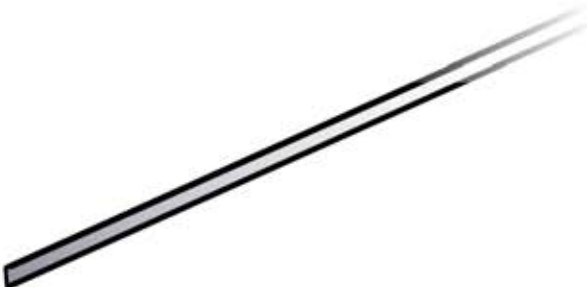
	ANTHRACITE	WHITE	BLACK
	C126	C127	C128
		PN-200002467 4x	
		PN-200002301 4x	
		PN-200003584 4x	
		PN-200002299 4x	

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

		PN-200002360 1x
		PN-200002348 1x
		PN-200002323 2x



PN-20000
Zip Bag
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

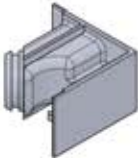
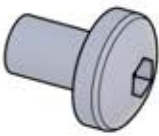


PN-200000852
8x

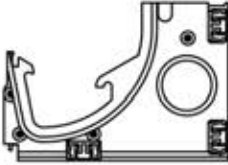
ITEMS IN BOX

		ANTHRACITE WHITE BLACK																										
2		B284	B288	B292																								
 PN-20000 3751 <table><tr><td></td><td>PN-200002355 1x</td><td></td><td>PN-200002333 1x</td></tr><tr><td></td><td>PN-200002328 2x</td><td></td><td>PN-200002327 1x</td></tr><tr><td></td><td>PN-200003500 1x</td><td></td><td>PN-200002324 1x</td></tr><tr><td></td><td>PN-200002321 1x</td><td></td><td>PN-200002330 1x</td></tr><tr><td></td><td>PN-200002325 1x</td><td></td><td>PN-200002340 1x</td></tr><tr><td></td><td>PN-200002341 3x</td><td></td><td>PN-200000832 4x</td></tr><tr><td></td><td>PN-200002326 1x</td><td></td><td>PN-200002134 2x</td></tr></table>		PN-200002355 1x		PN-200002333 1x		PN-200002328 2x		PN-200002327 1x		PN-200003500 1x		PN-200002324 1x		PN-200002321 1x		PN-200002330 1x		PN-200002325 1x		PN-200002340 1x		PN-200002341 3x		PN-200000832 4x		PN-200002326 1x		PN-200002134 2x
	PN-200002355 1x		PN-200002333 1x																									
	PN-200002328 2x		PN-200002327 1x																									
	PN-200003500 1x		PN-200002324 1x																									
	PN-200002321 1x		PN-200002330 1x																									
	PN-200002325 1x		PN-200002340 1x																									
	PN-200002341 3x		PN-200000832 4x																									
	PN-200002326 1x		PN-200002134 2x																									

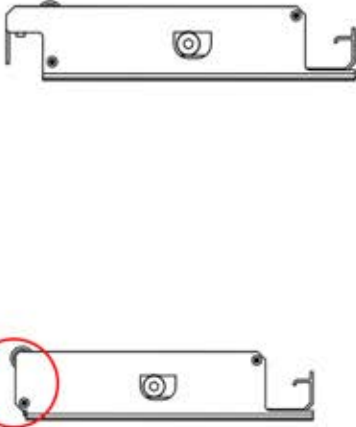
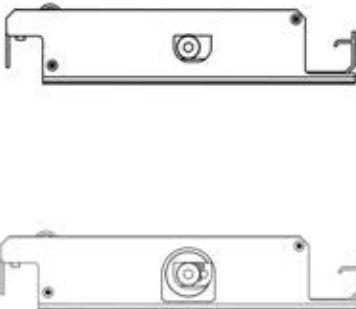
ITEMS IN BOX

		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-200002297 4x
			PN-200002303 4x	
	PN-20000 3755		PN-200000655 8x	
	PN-20000 3758		PN-200002284 4x	
	PN-20000 4088		PN-200002308 20x	
				
			PN-200001340 1x	

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
 3		B308	B310	B312
		PN-200003486 2x		
		PN-200002347 2x		
		Premounted PN-200002352 2x		
		PN-200002323 2x		
		PN-200002914 2x		

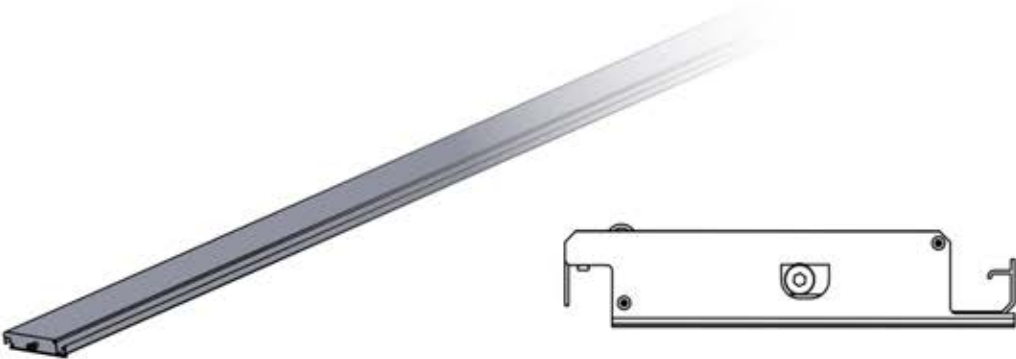
ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
		L264	L268	L266
		Standard = S PN-200002366 4x End = E PN-200002362 1x		
				
		ANTHRACITE	WHITE	BLACK
		L252	L256	L254
		Standard = S PN-200002366 4x LED = LED PN-200002364 4x		
				

ITEMS IN BOX



	ANTHRACITE	WHITE	BLACK
	L240	L244	L242



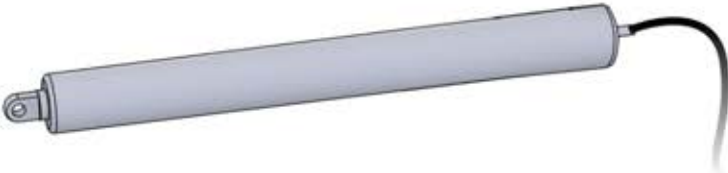
Standard = 

PN-200002366

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.

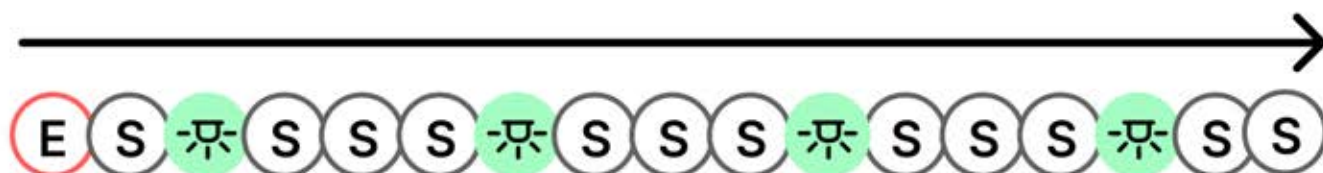
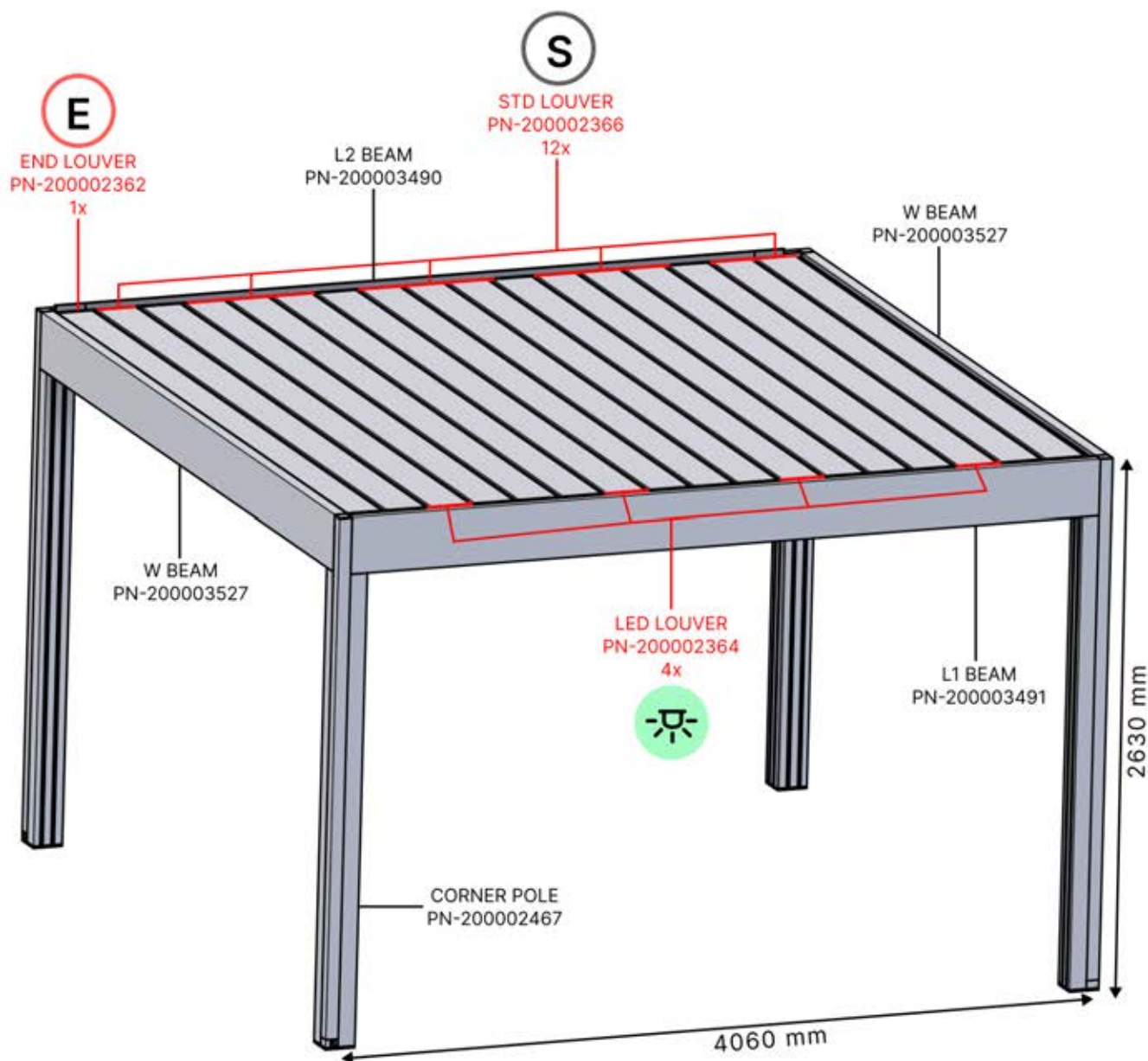
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



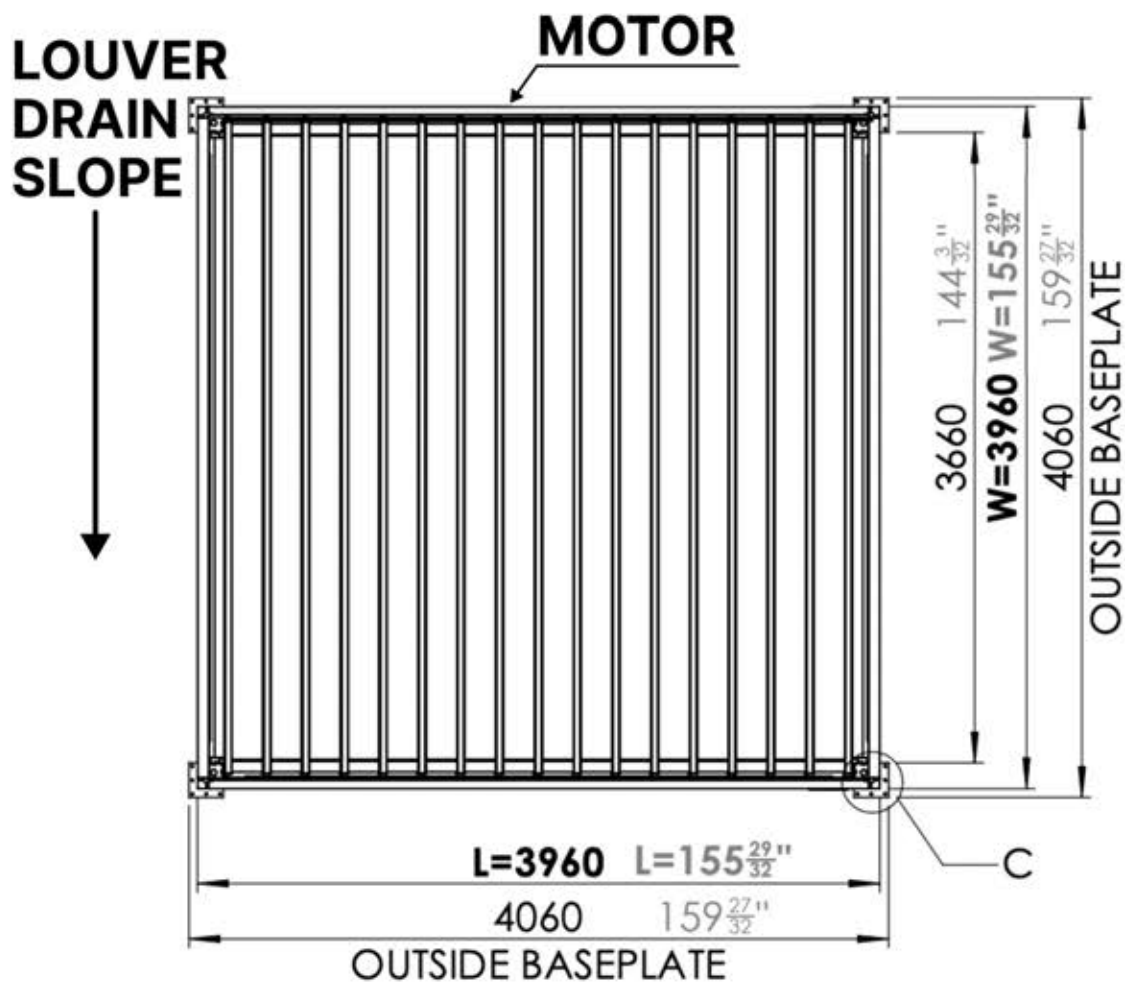
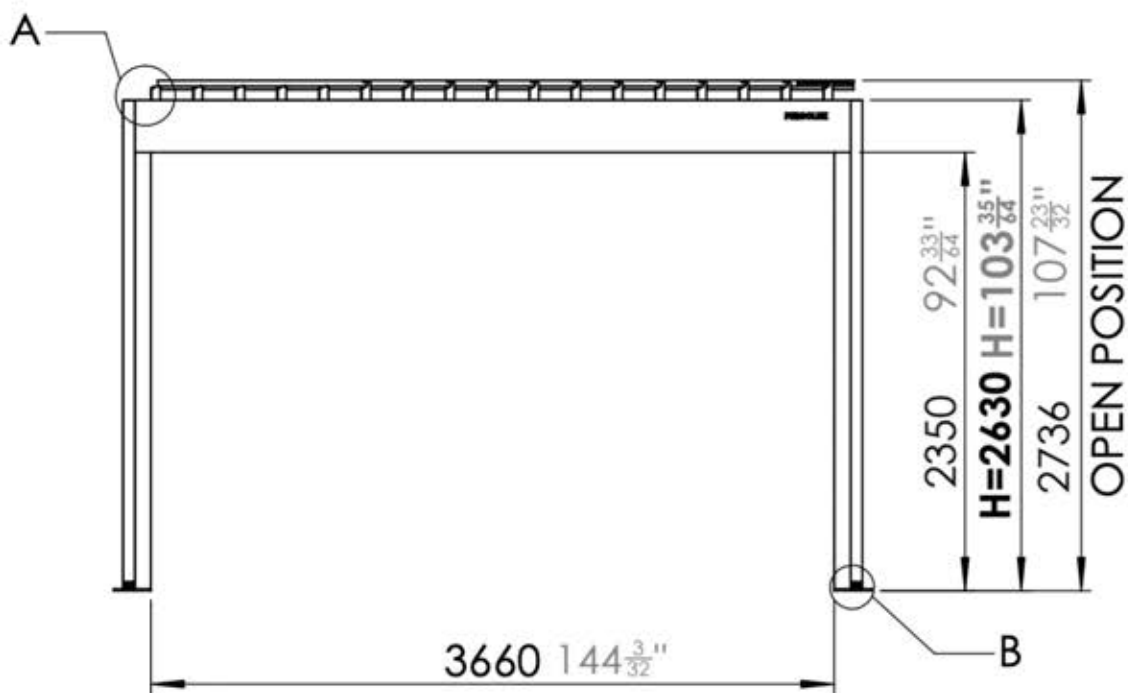
CONTROL BOX

[View Manual](#)

4 × 4 m / 13' x 13'



4 × 4 m / 13' x 13'



INFORMATION

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

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

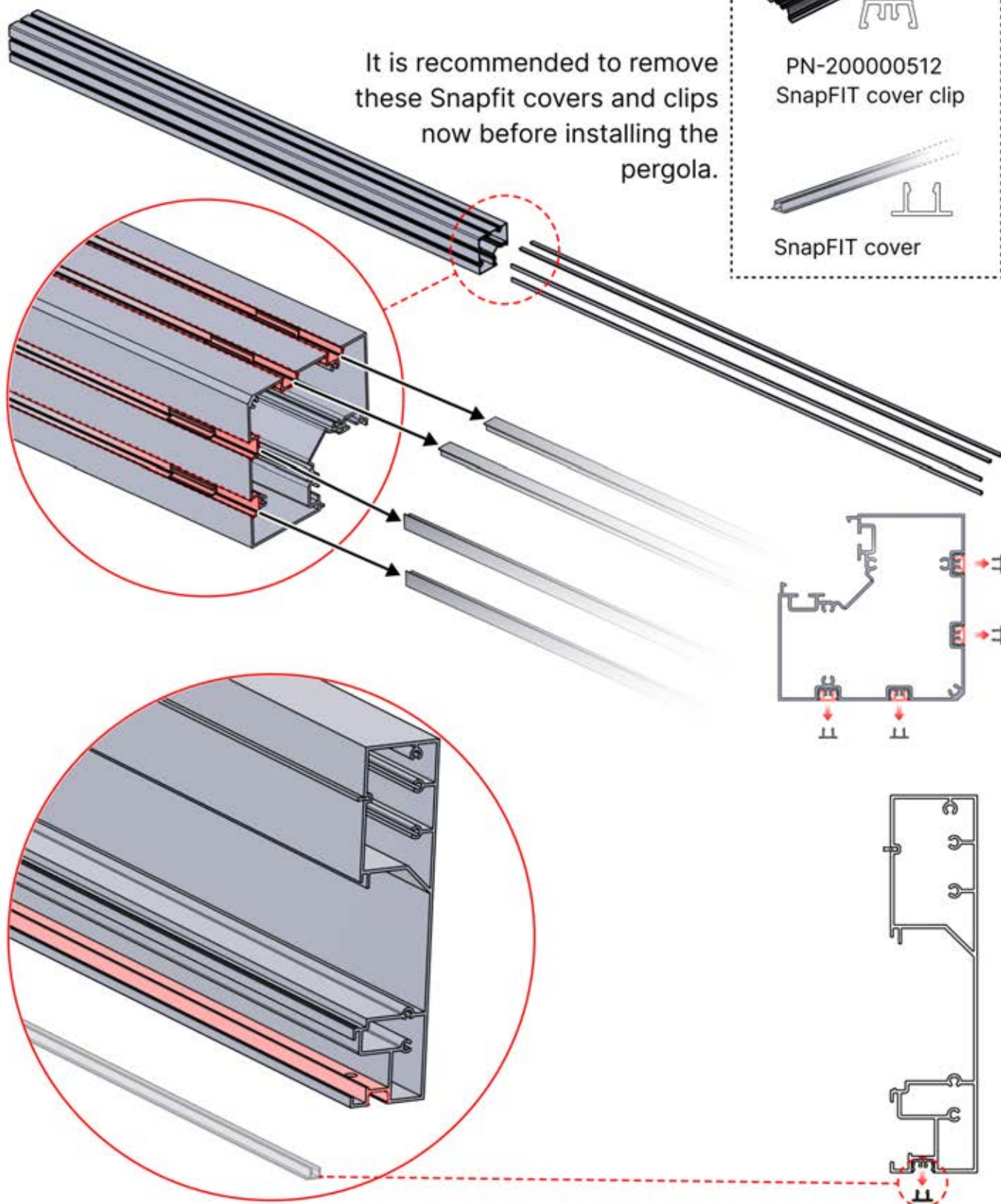
Cover and clips



PN-200000512
SnapFIT cover clip



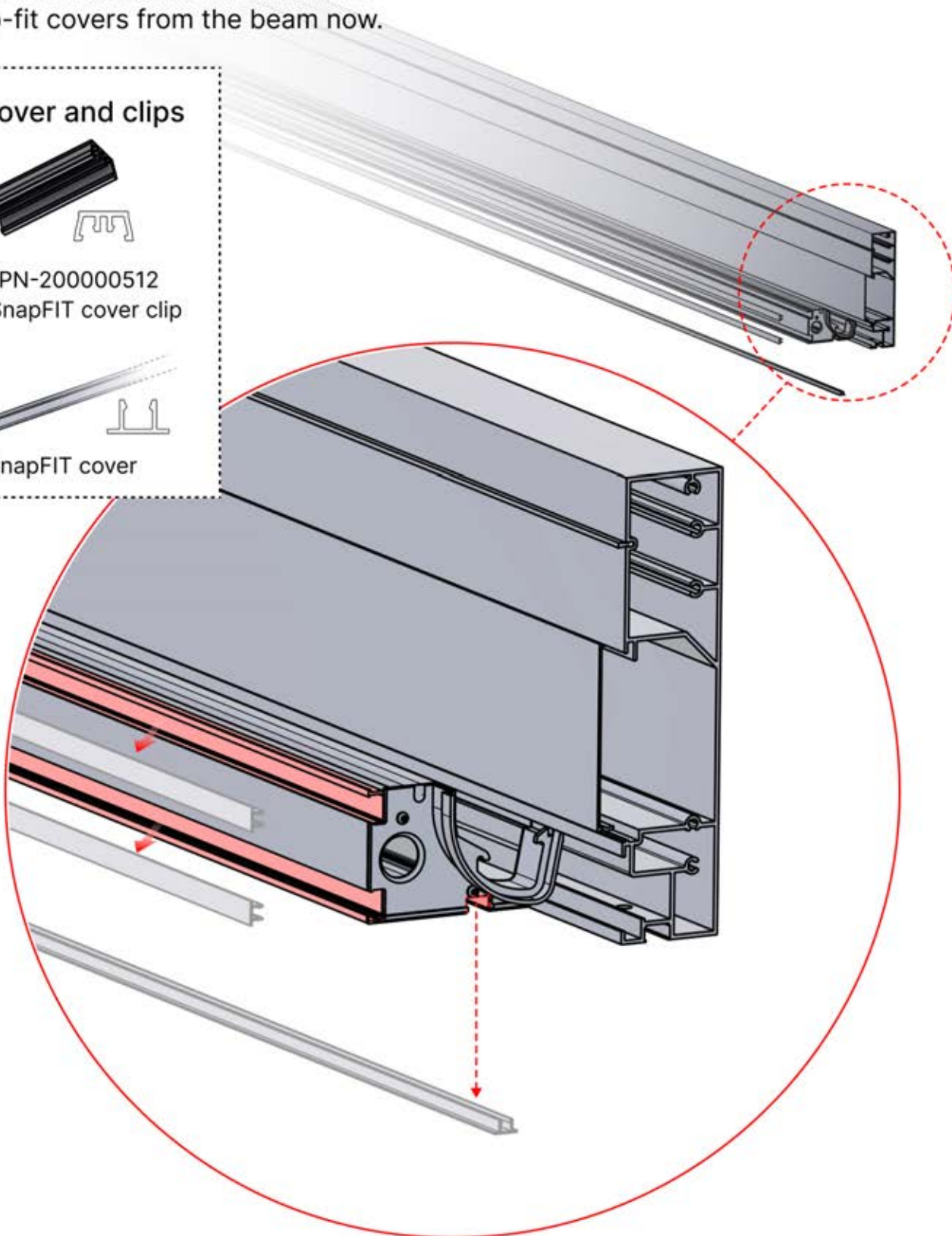
SnapFIT cover



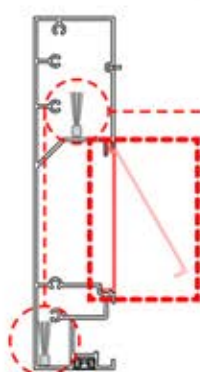
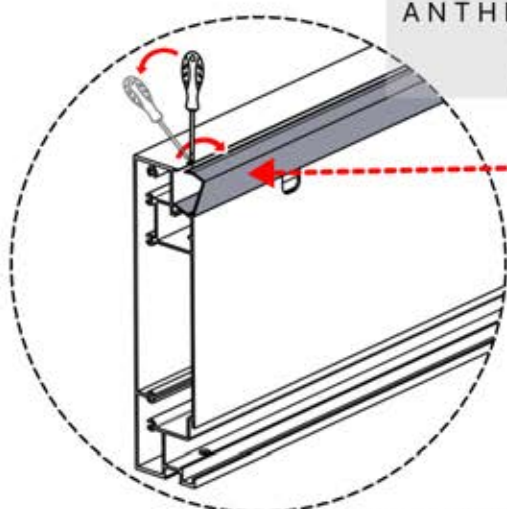
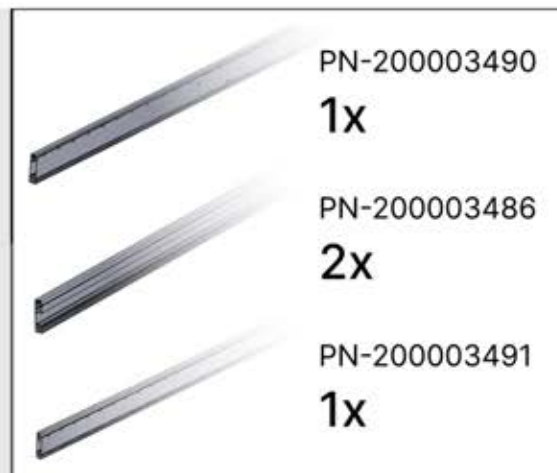
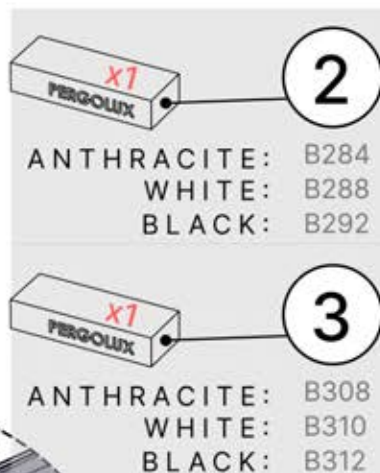
INFORMATION

Are you installing a heater or fan ?

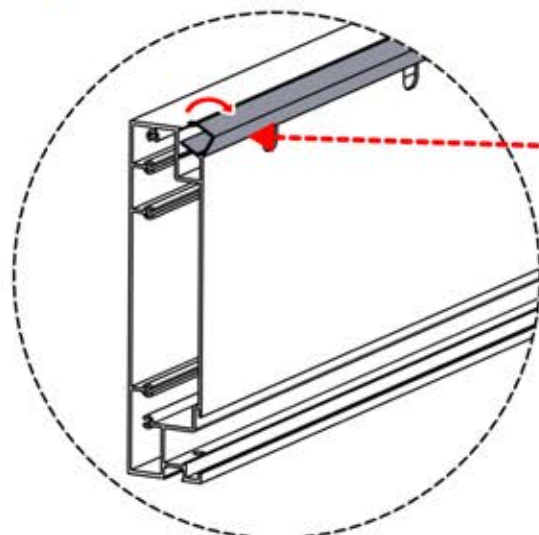
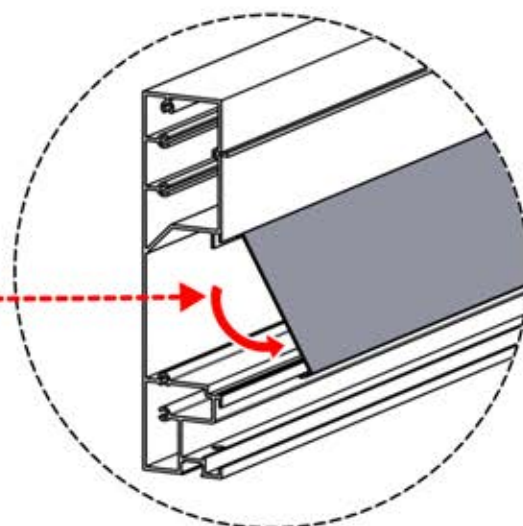
It is recommended to remove both snap-fit covers from the beam now.



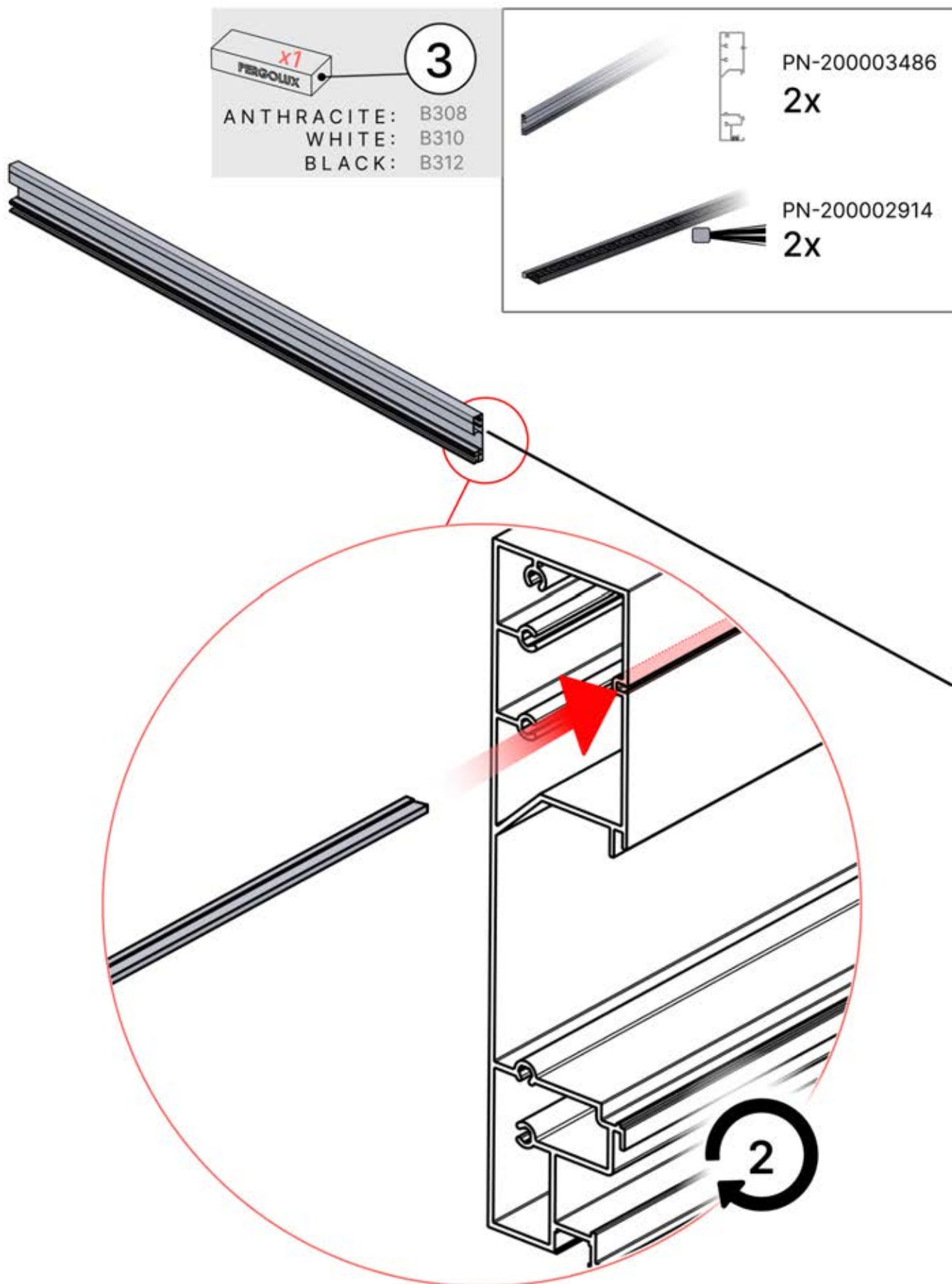
INFORMATION



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



INFORMATION

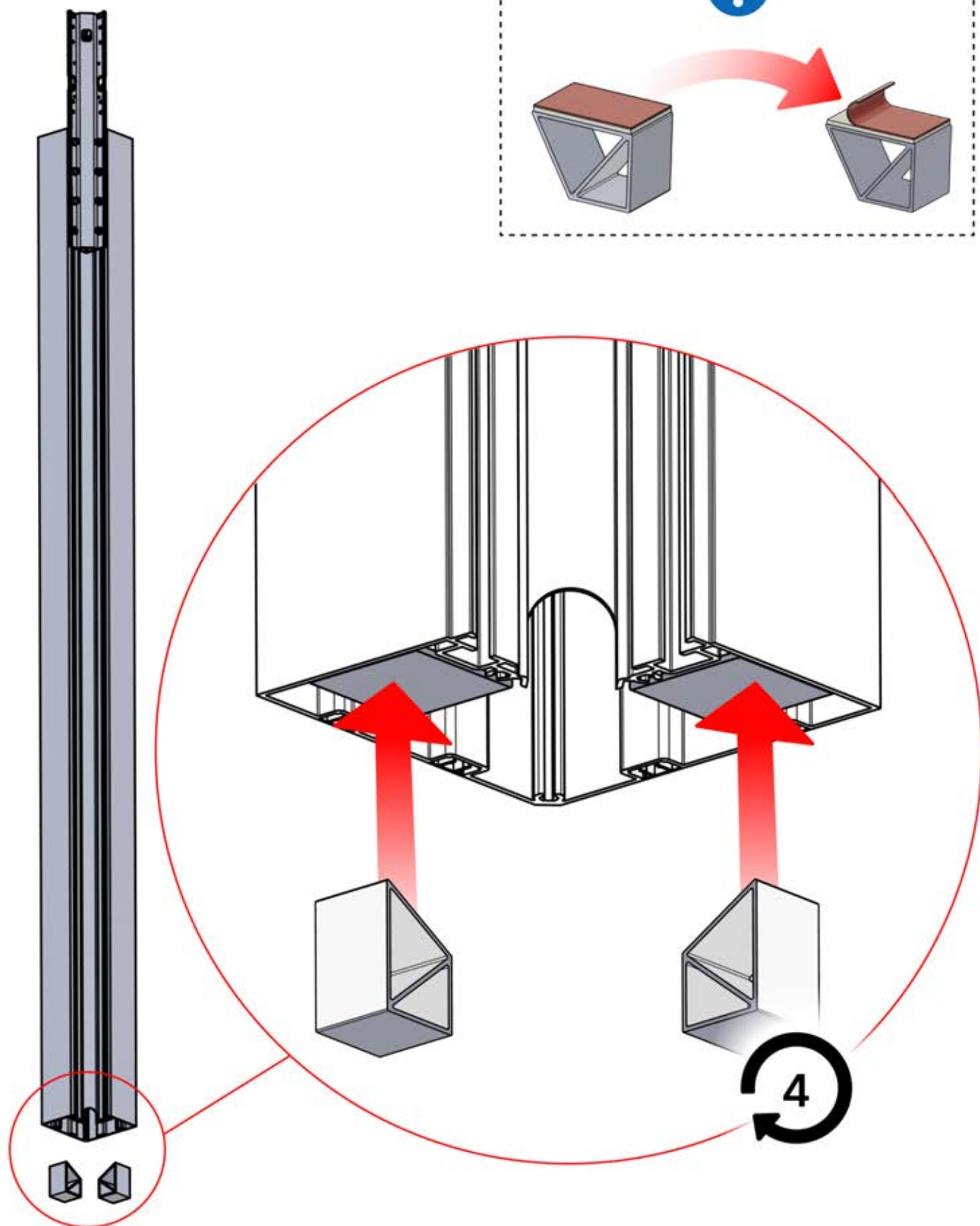
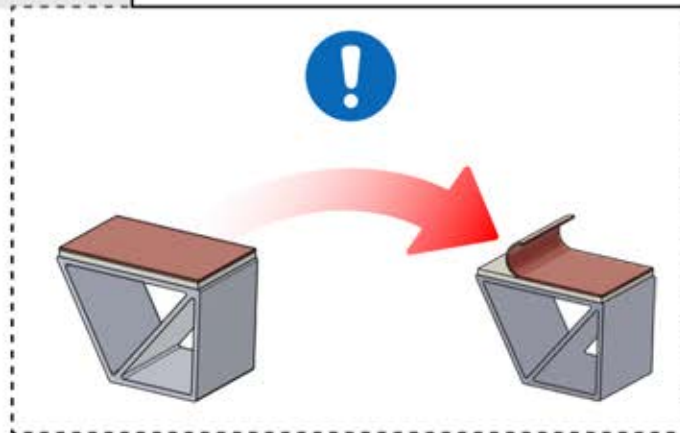


01

 **2**

ANTHRACITE: B284
WHITE: B288
BLACK: B292

 PN-200002286
8x



02



1

ANTHRACITE: C126
WHITE: C127
BLACK: C128



2

ANTHRACITE: B284
WHITE: B288
BLACK: B292



PN-200002467

4x



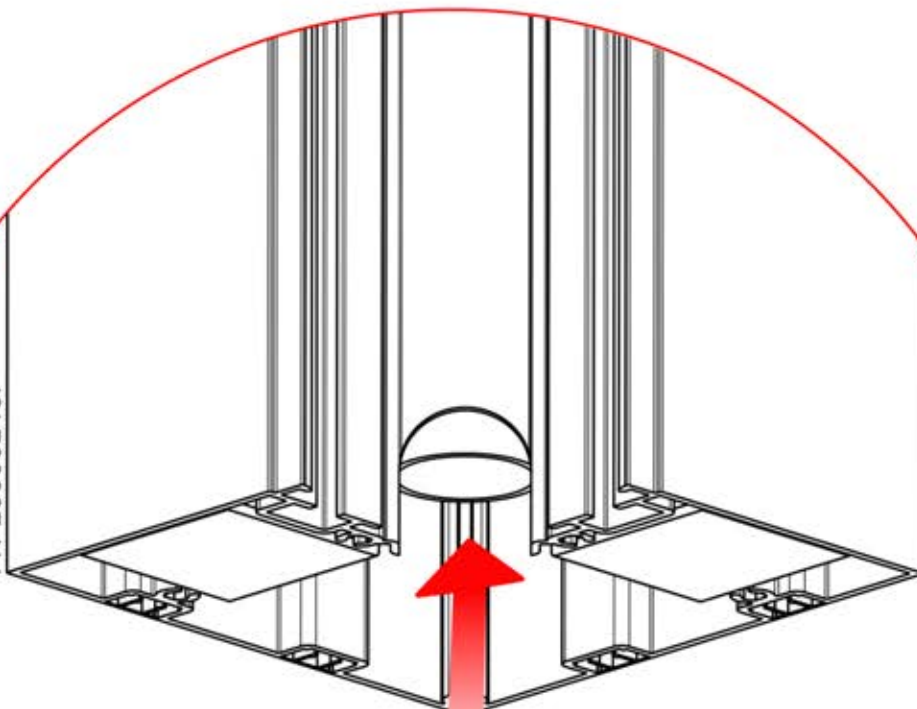
PN-200002297

4x

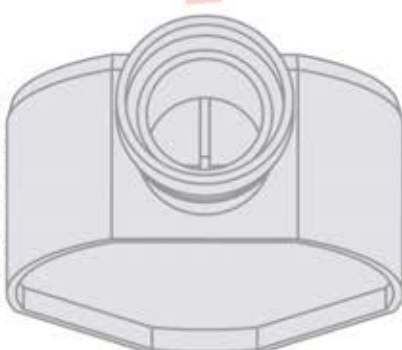
PN-20000
3768



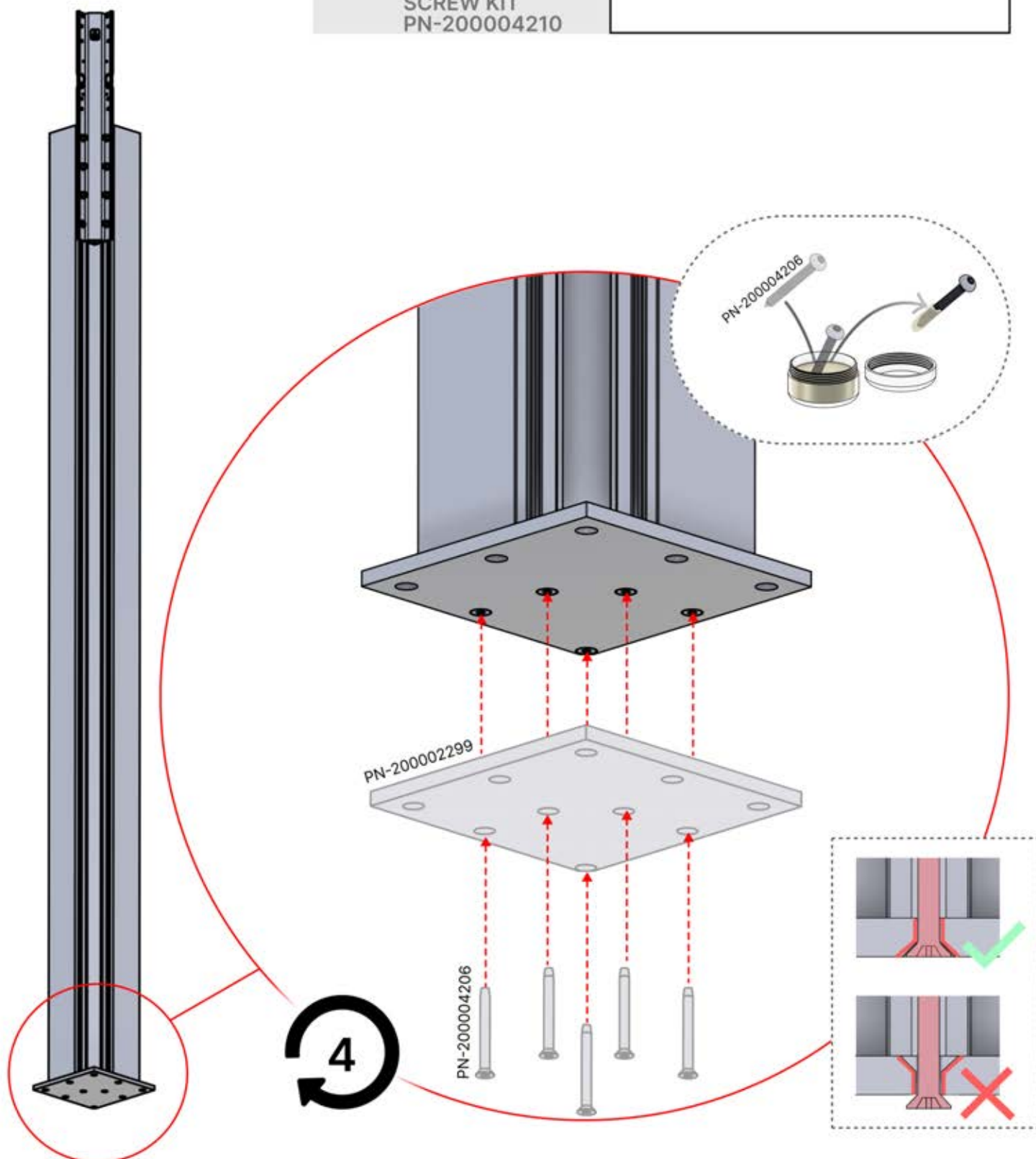
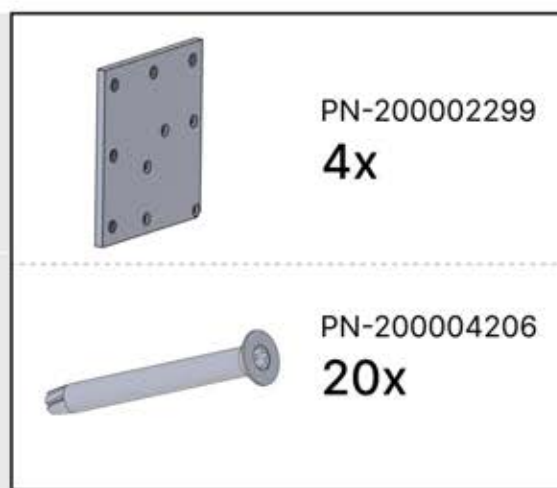
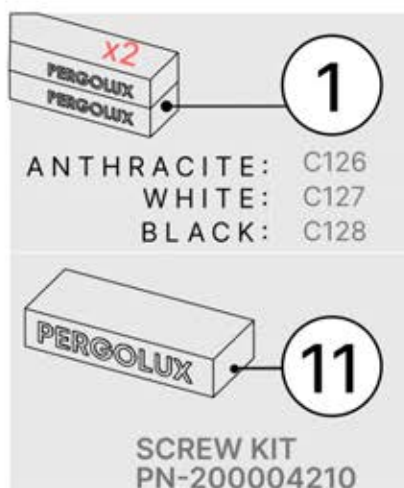
PN-200002467



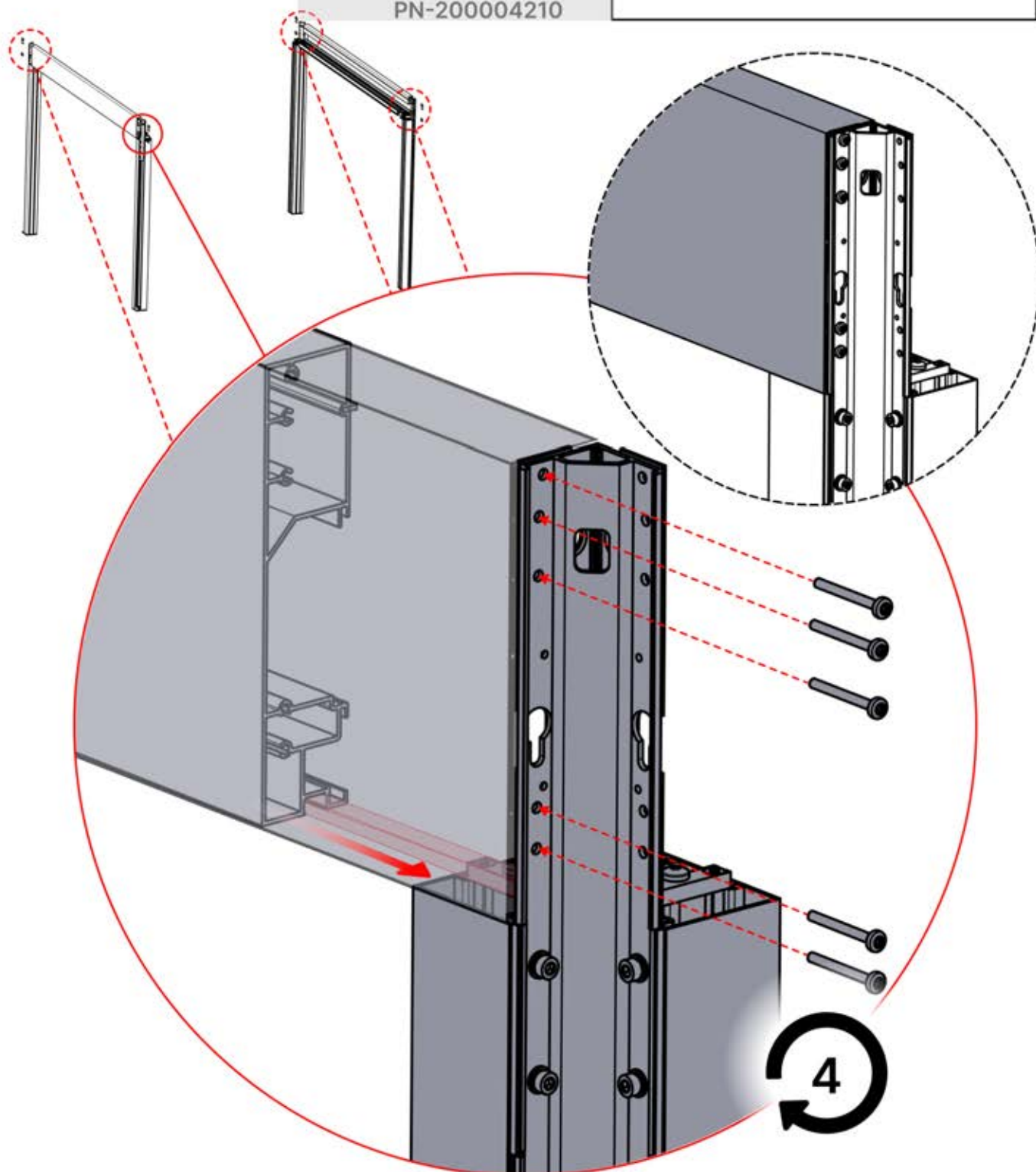
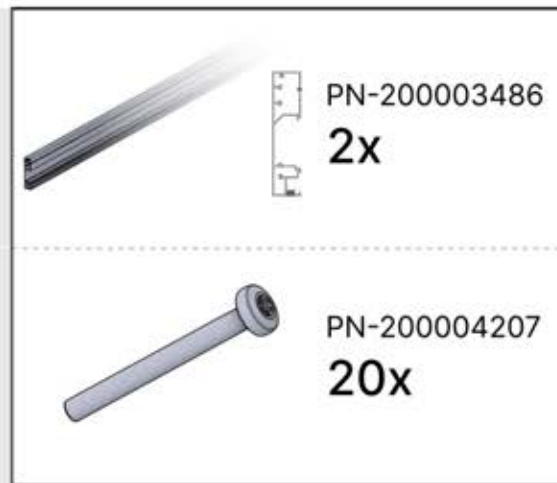
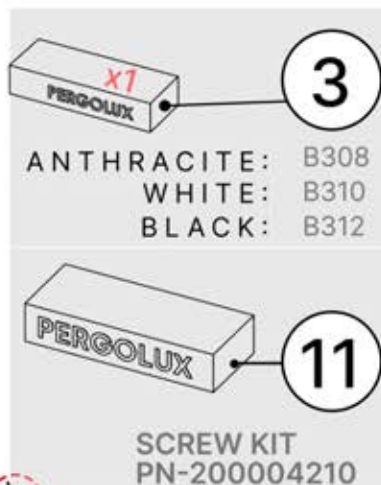
PN-200002297



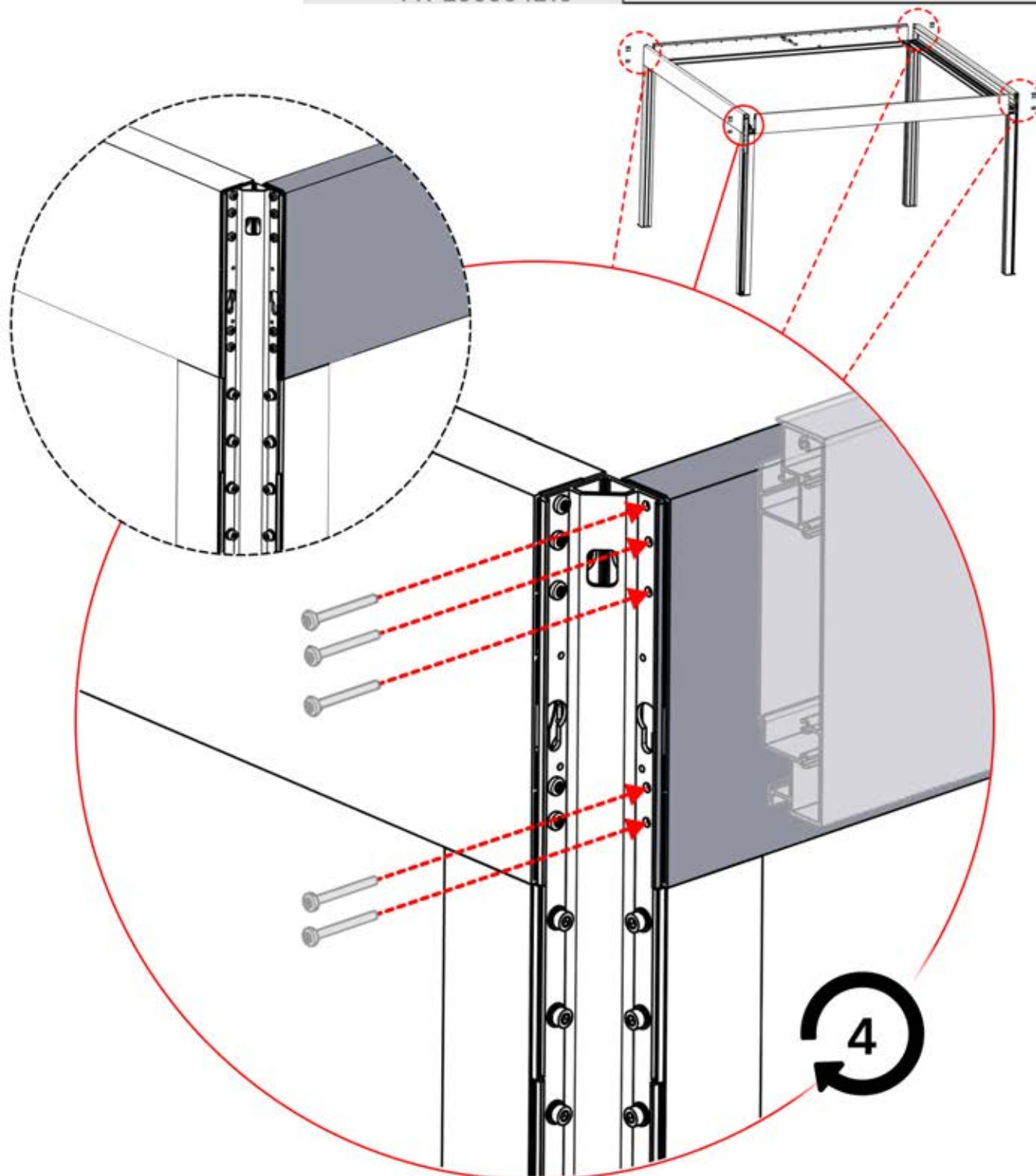
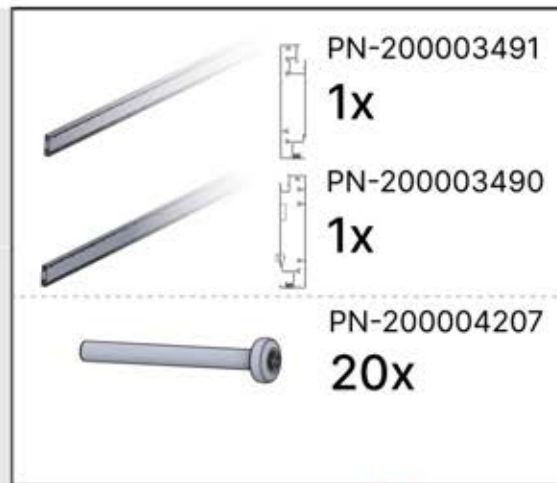
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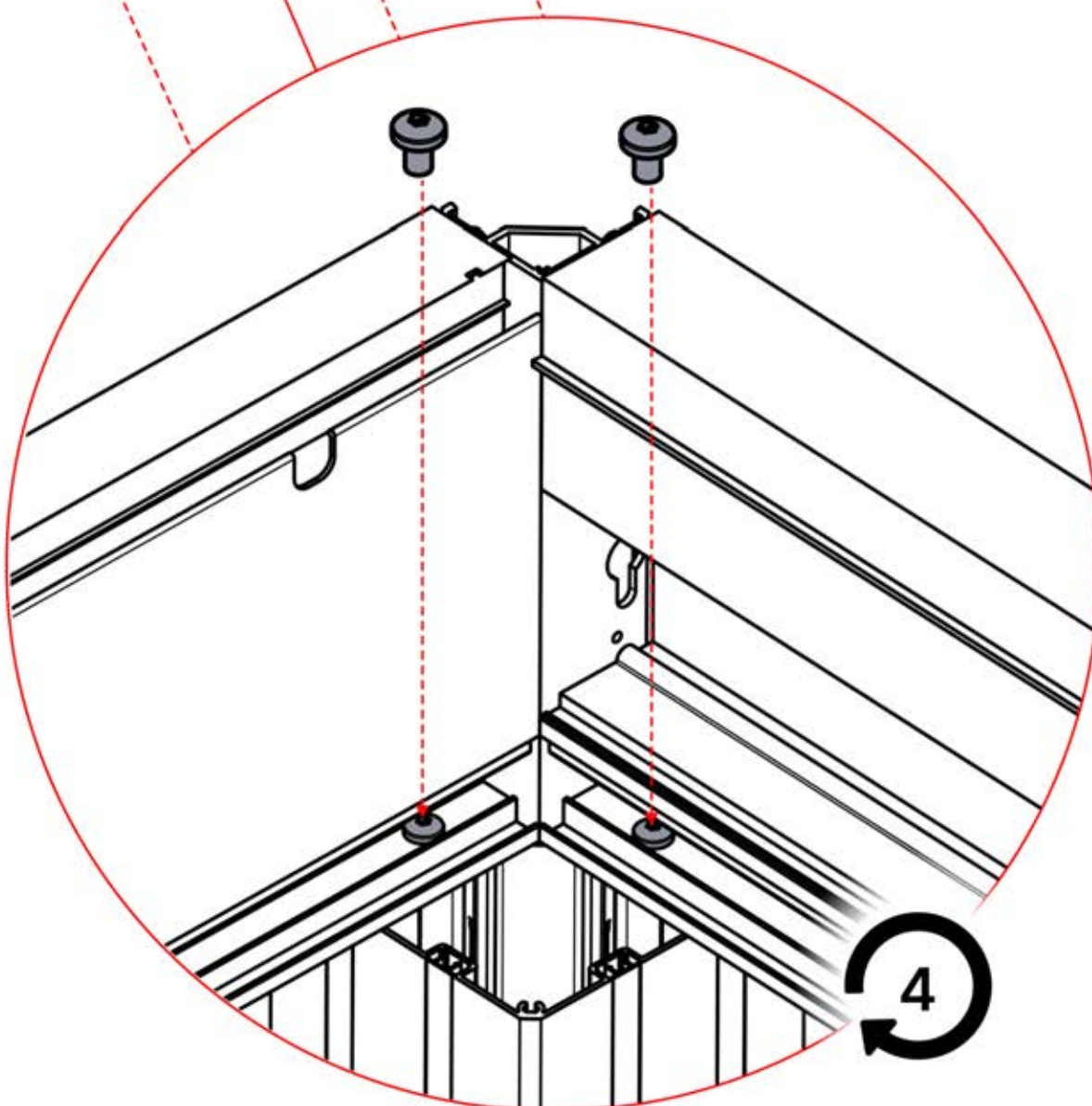
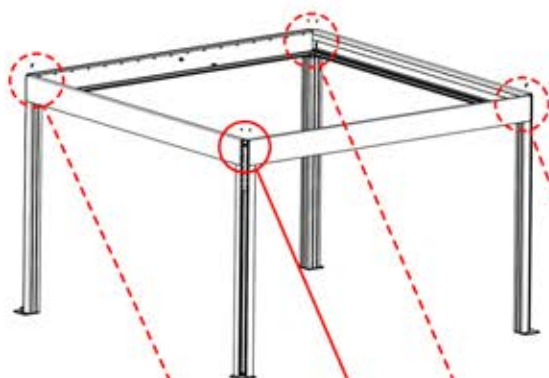
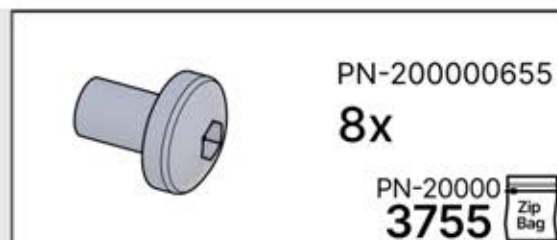
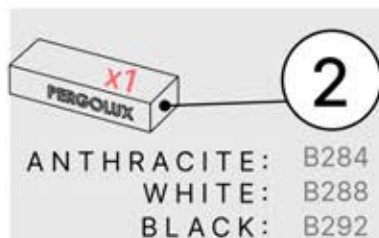
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05



06

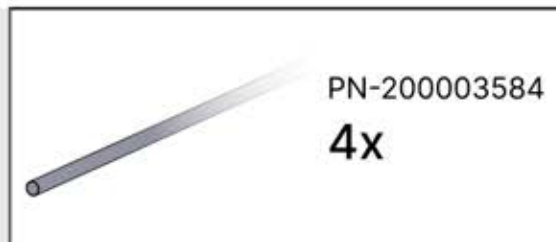


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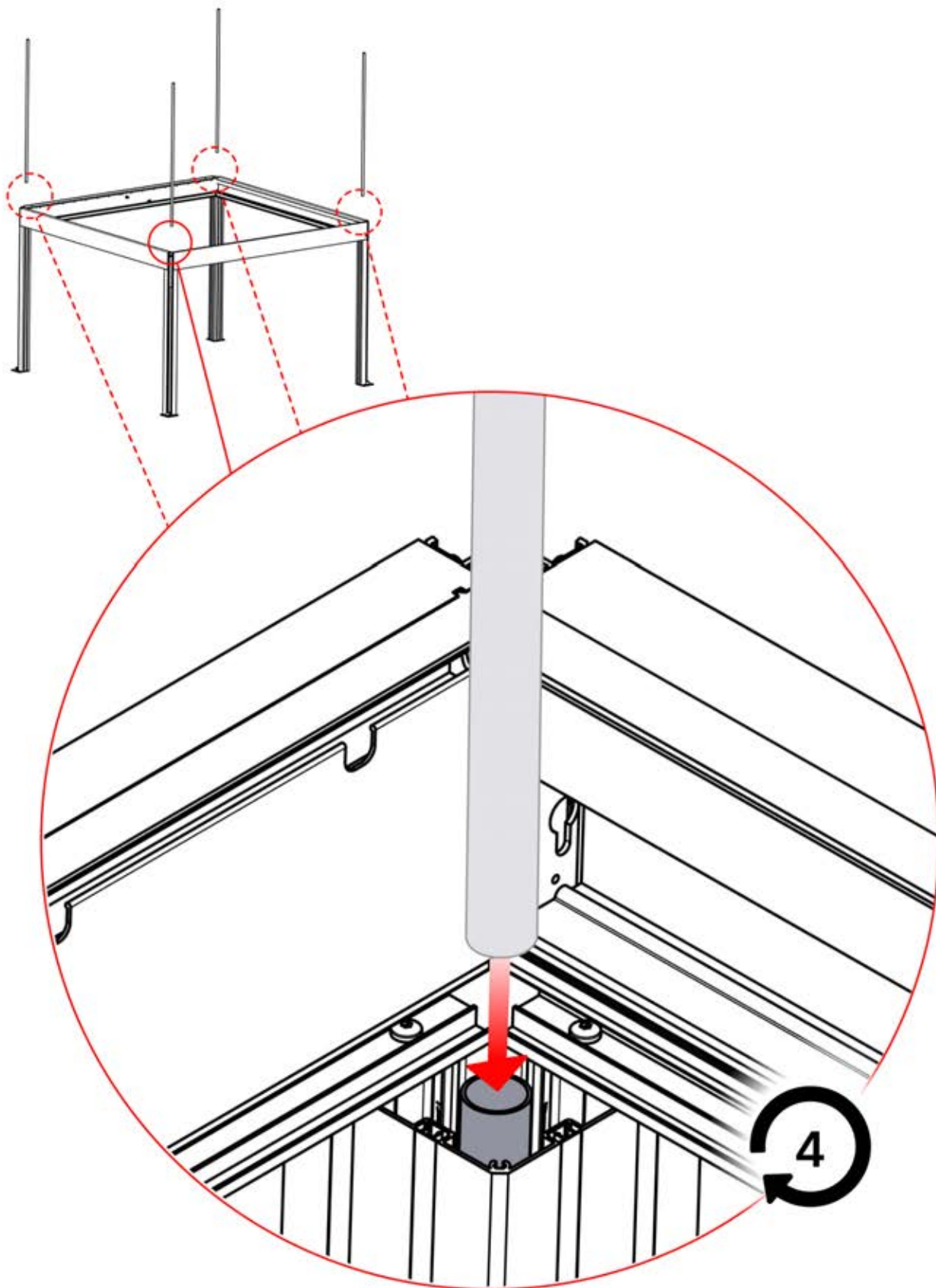
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ANTHRACITE: C126
WHITE: C127
BLACK: C128

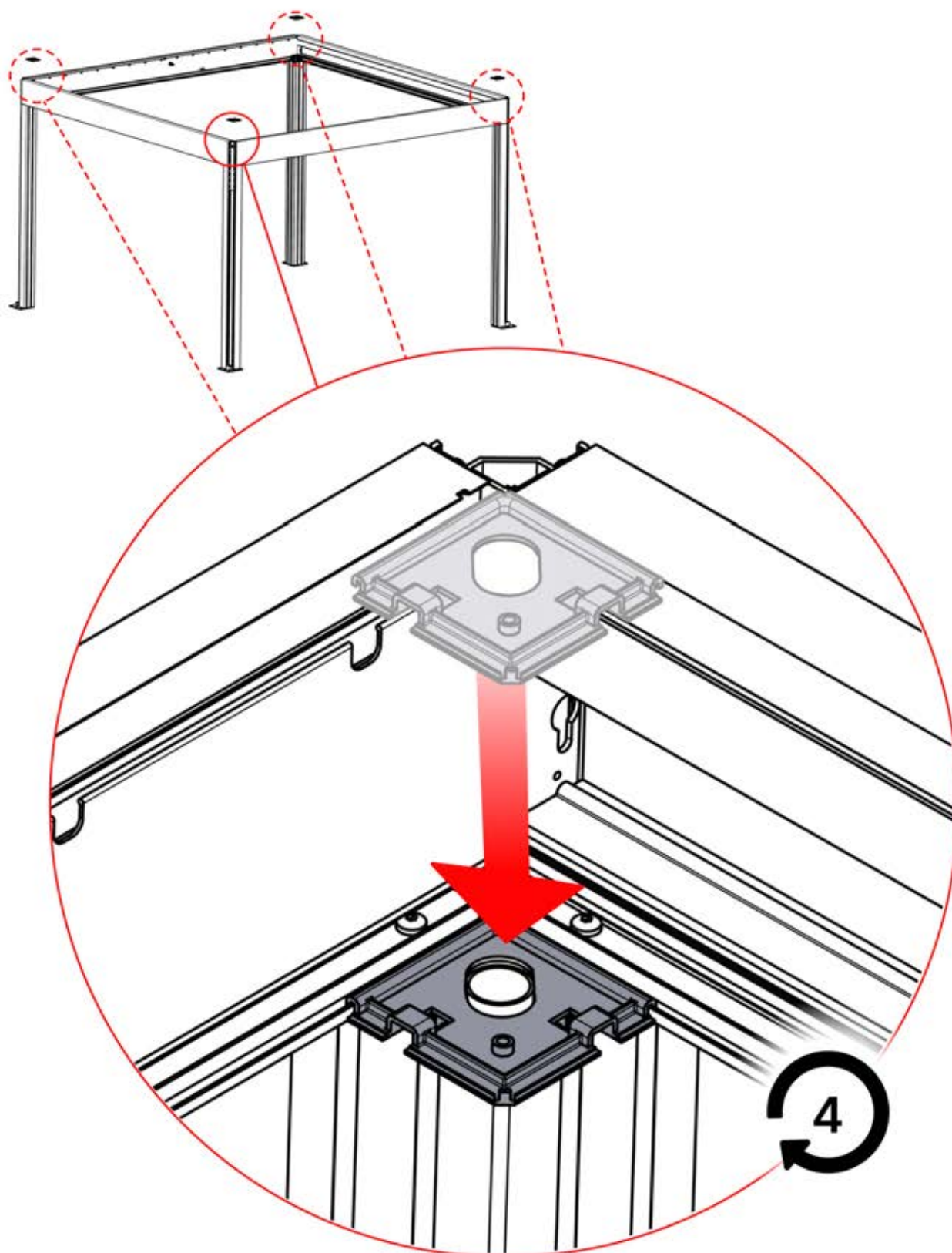
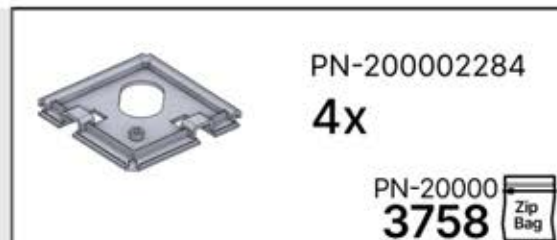
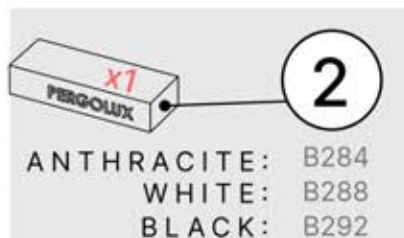


PN-200003584

4x



08



09



2

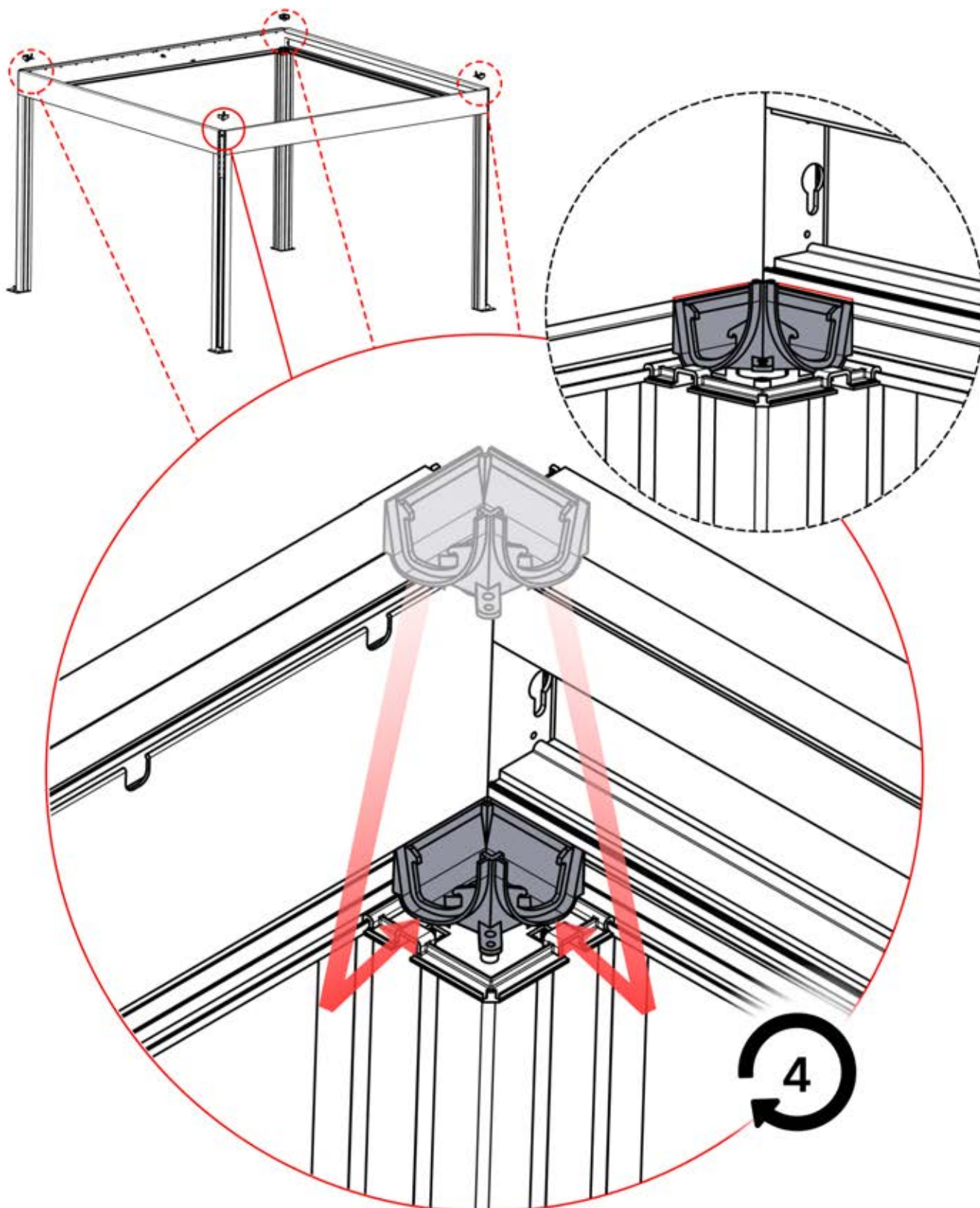
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WHITE: B288
BLACK: B292



PN-200002298

4x

PN-20000
3757



10



2

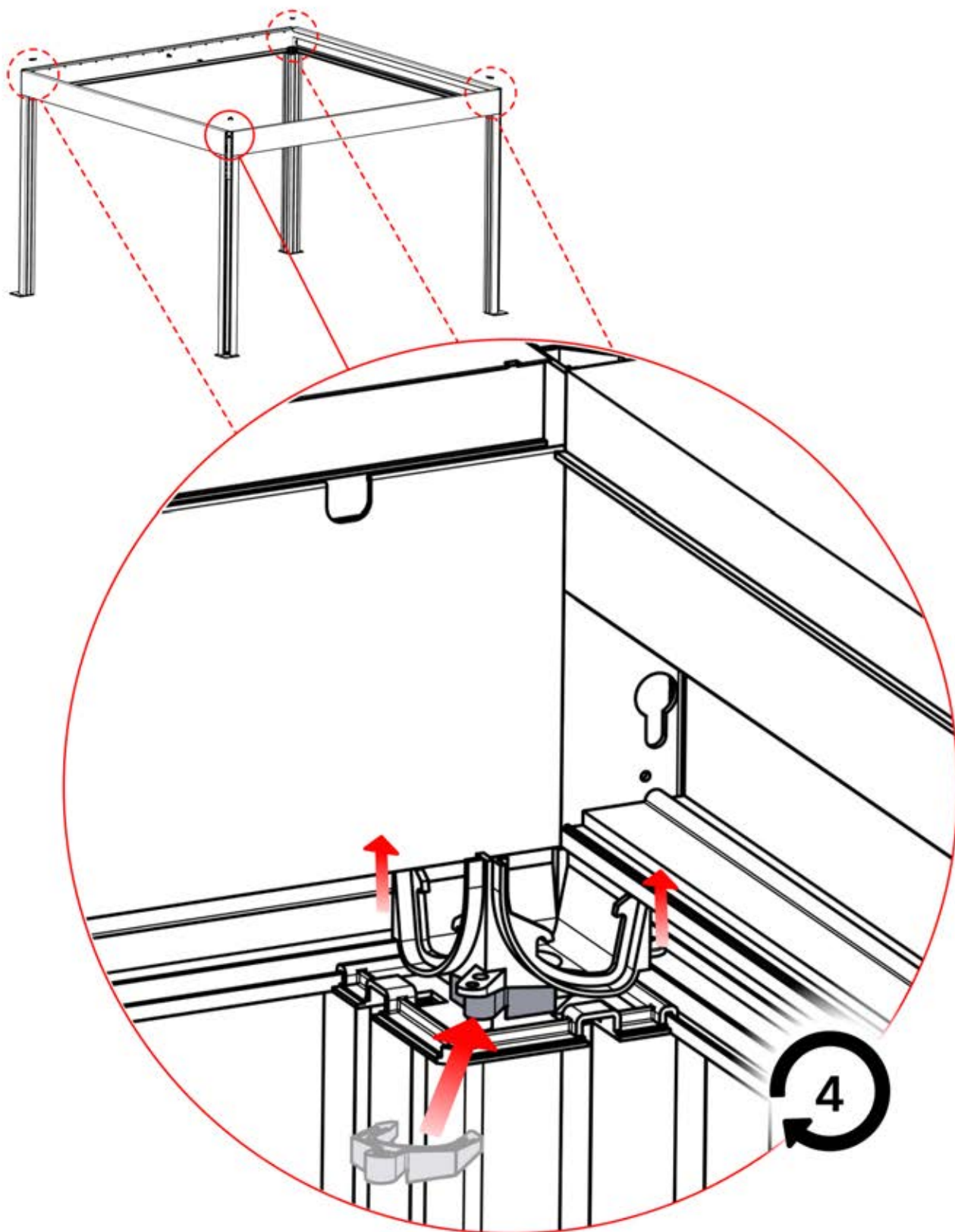
ANTHRACITE: B284
WHITE: B288
BLACK: B292



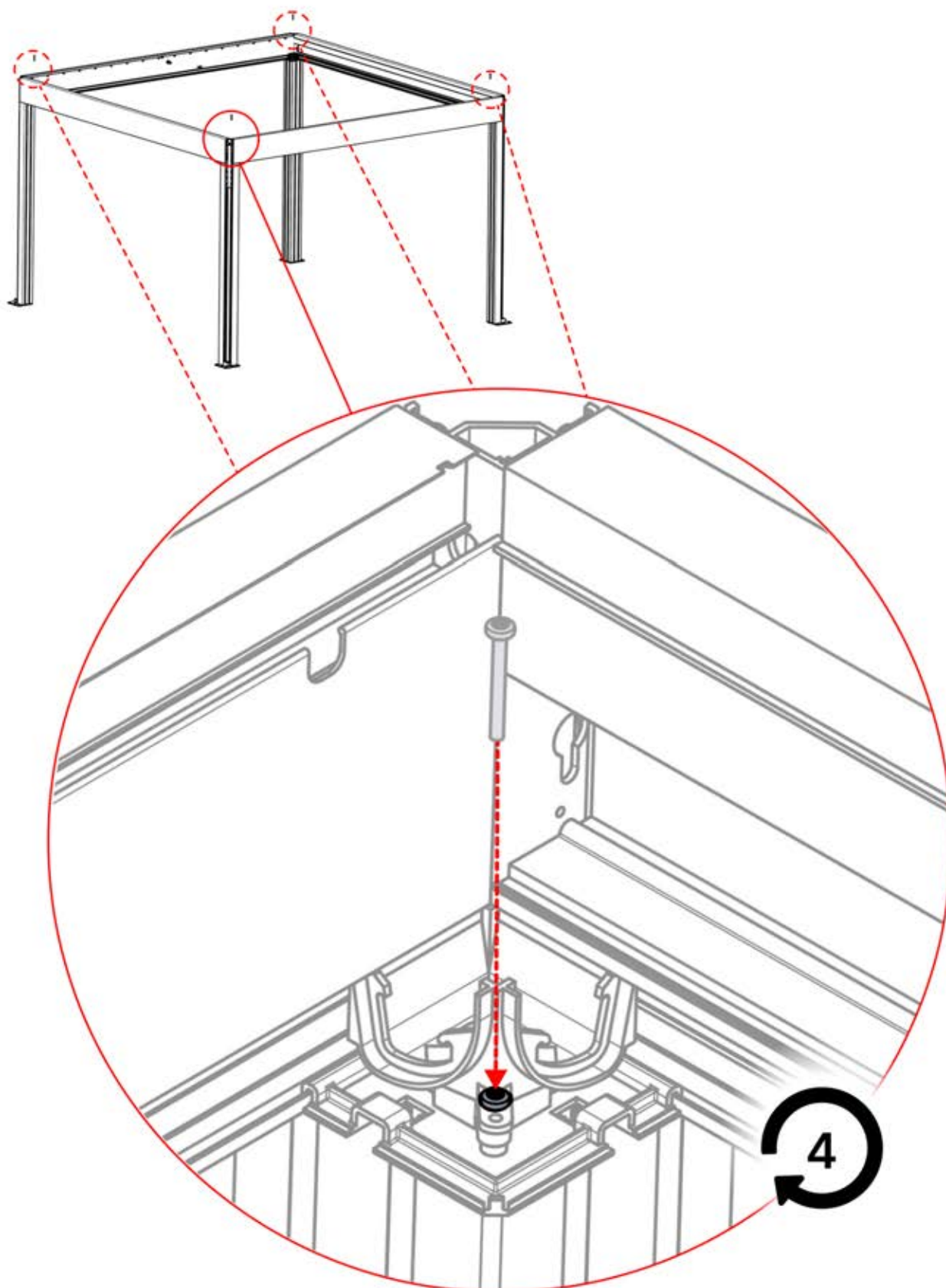
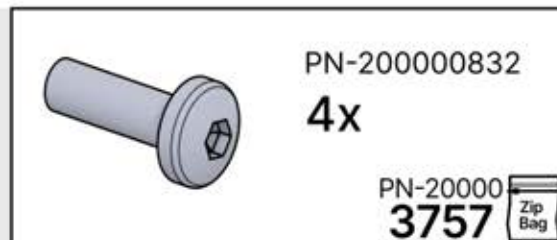
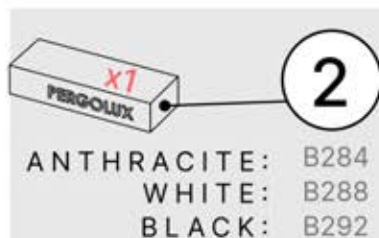
PN-200002282

4x

PN-20000
3757



11



12



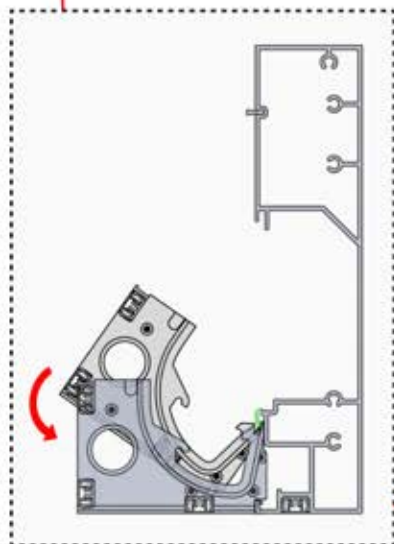
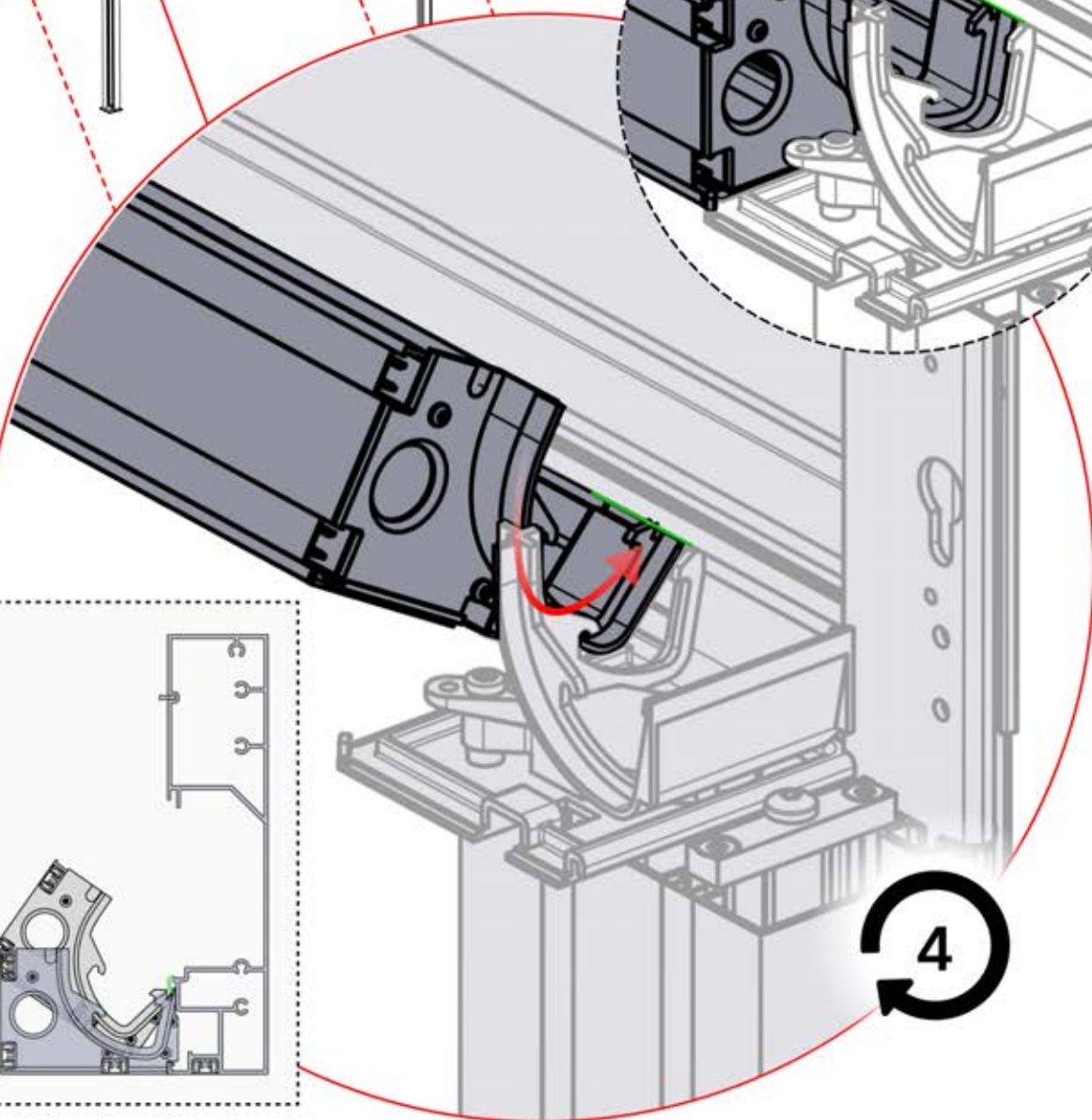
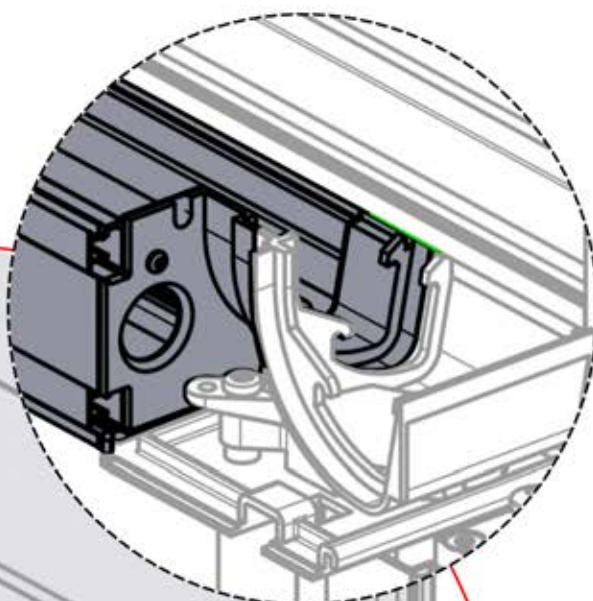
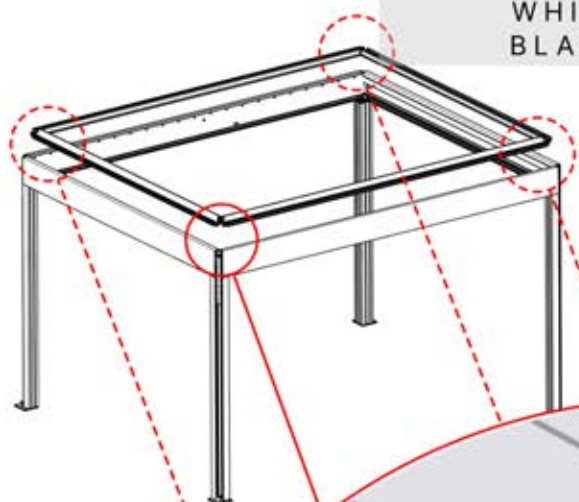
2

ANTHRACITE: B284
WHITE: B288
BLACK: B292



3

ANTHRACITE: B308
WHITE: B310
BLACK: B312



13



3

ANTHRACITE: B308
WHITE: B310
BLACK: B312



2

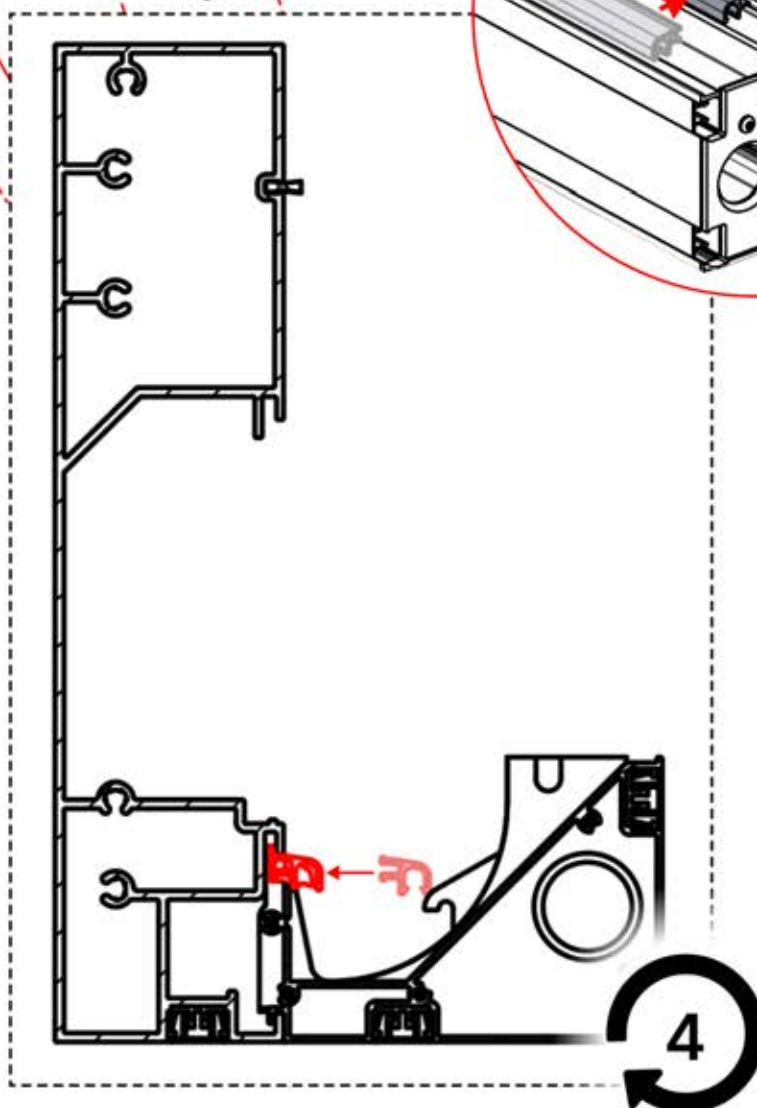
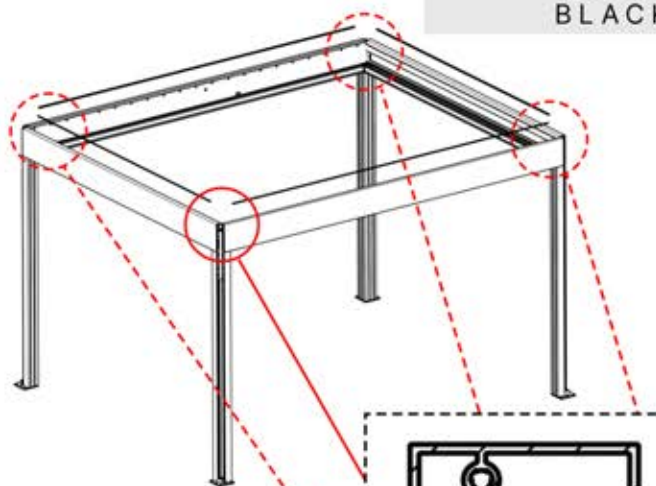
ANTHRACITE: B284
WHITE: B288
BLACK: B292



PN-200002323
2x



PN-200002323
2x



INFORMATION

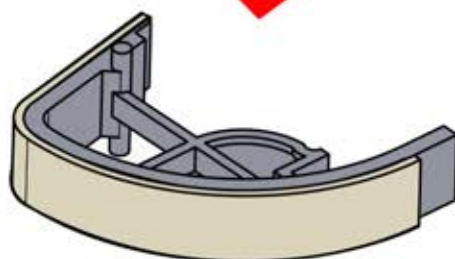
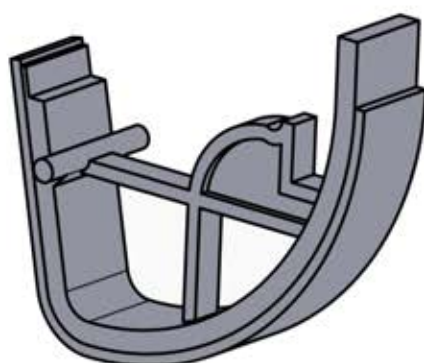


Apply grease to
part



2

ANTHRACITE: B284
WHITE: B288
BLACK: B292



PN-200003051

8x

PN-200003049

8x

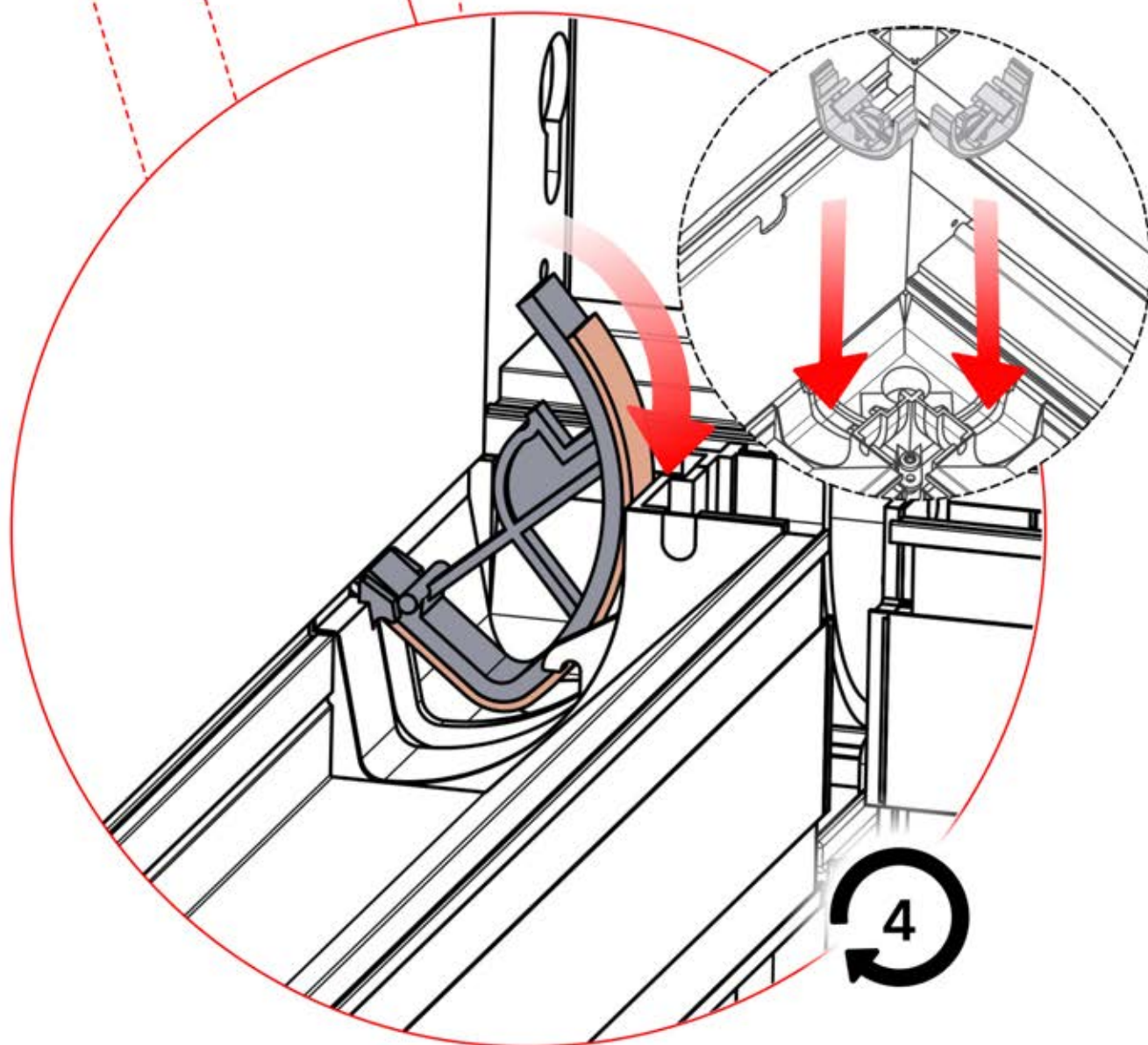
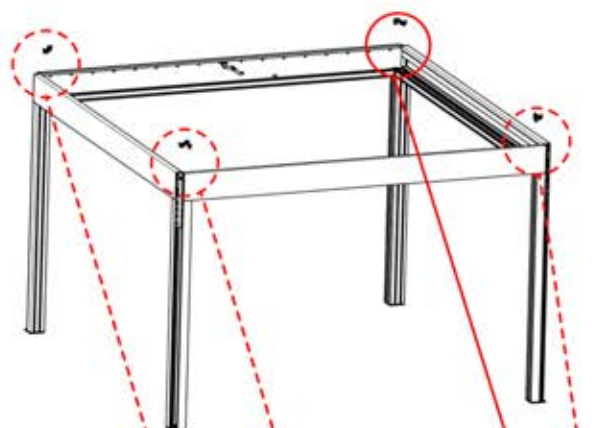
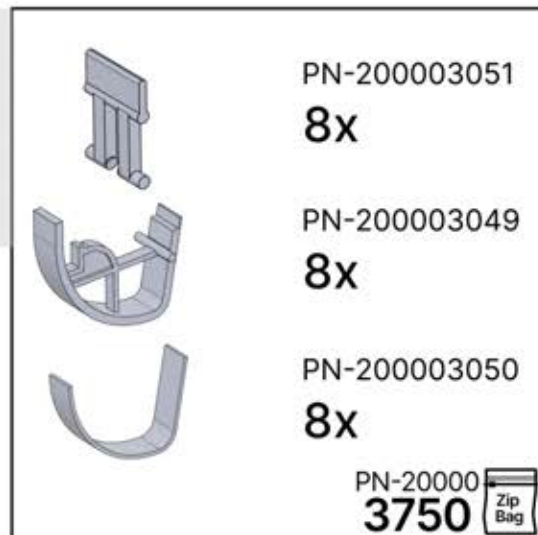
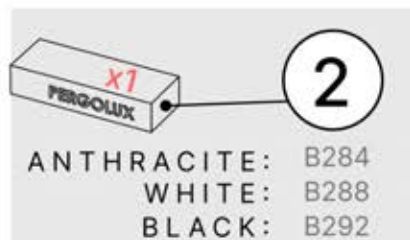
PN-200003050

8x

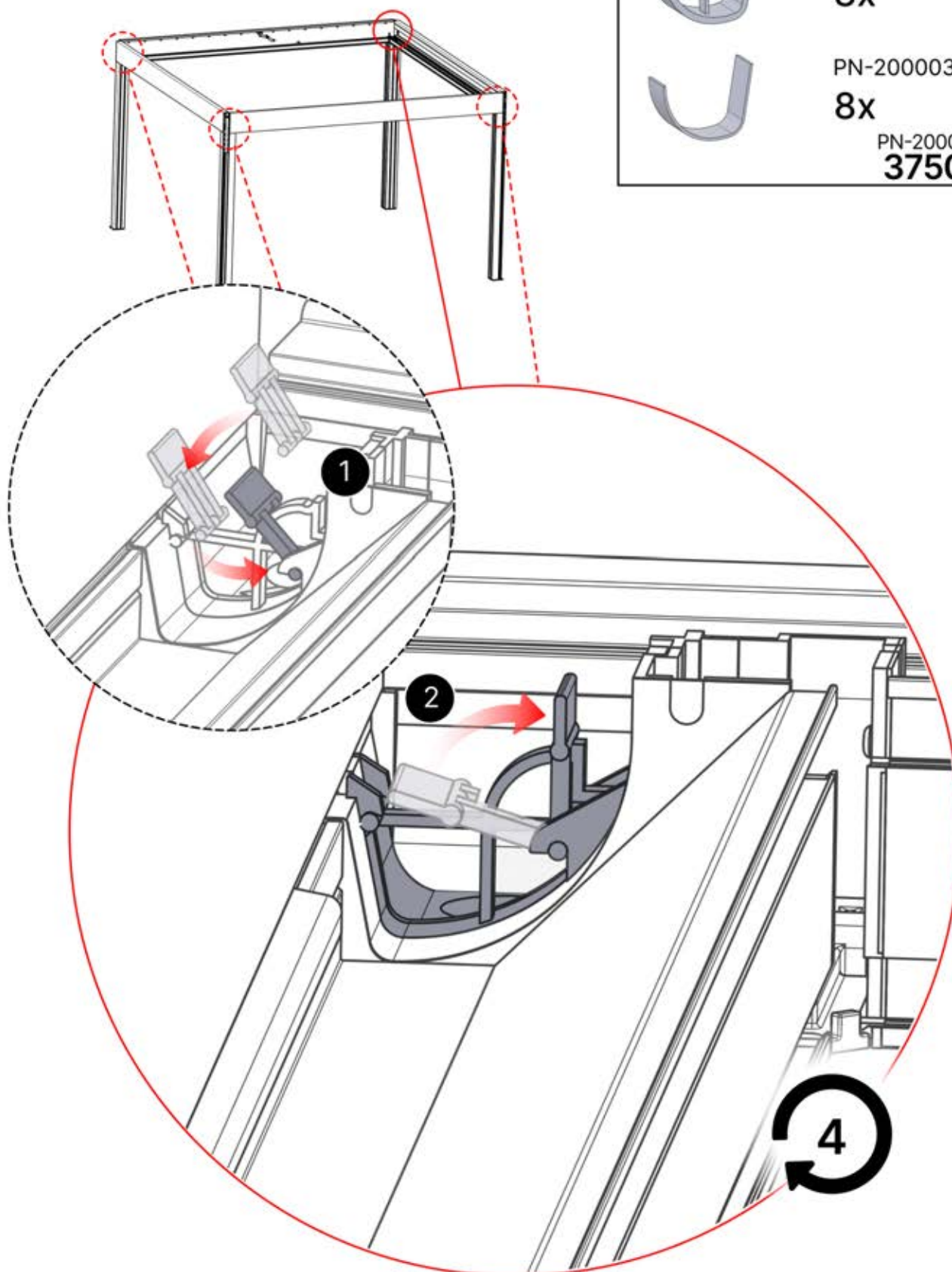
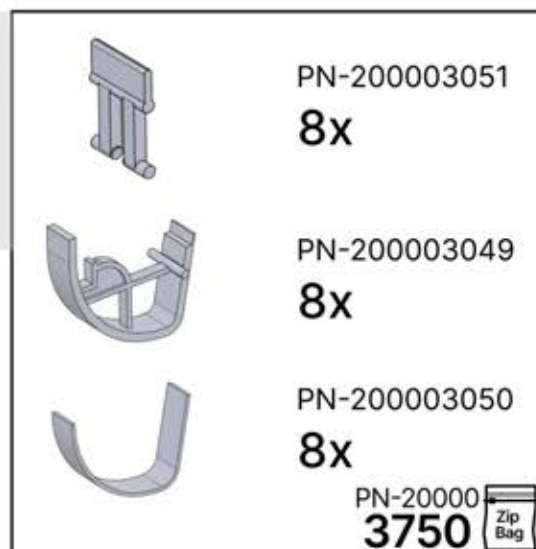
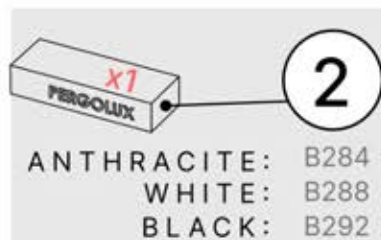
PN-20000
3750



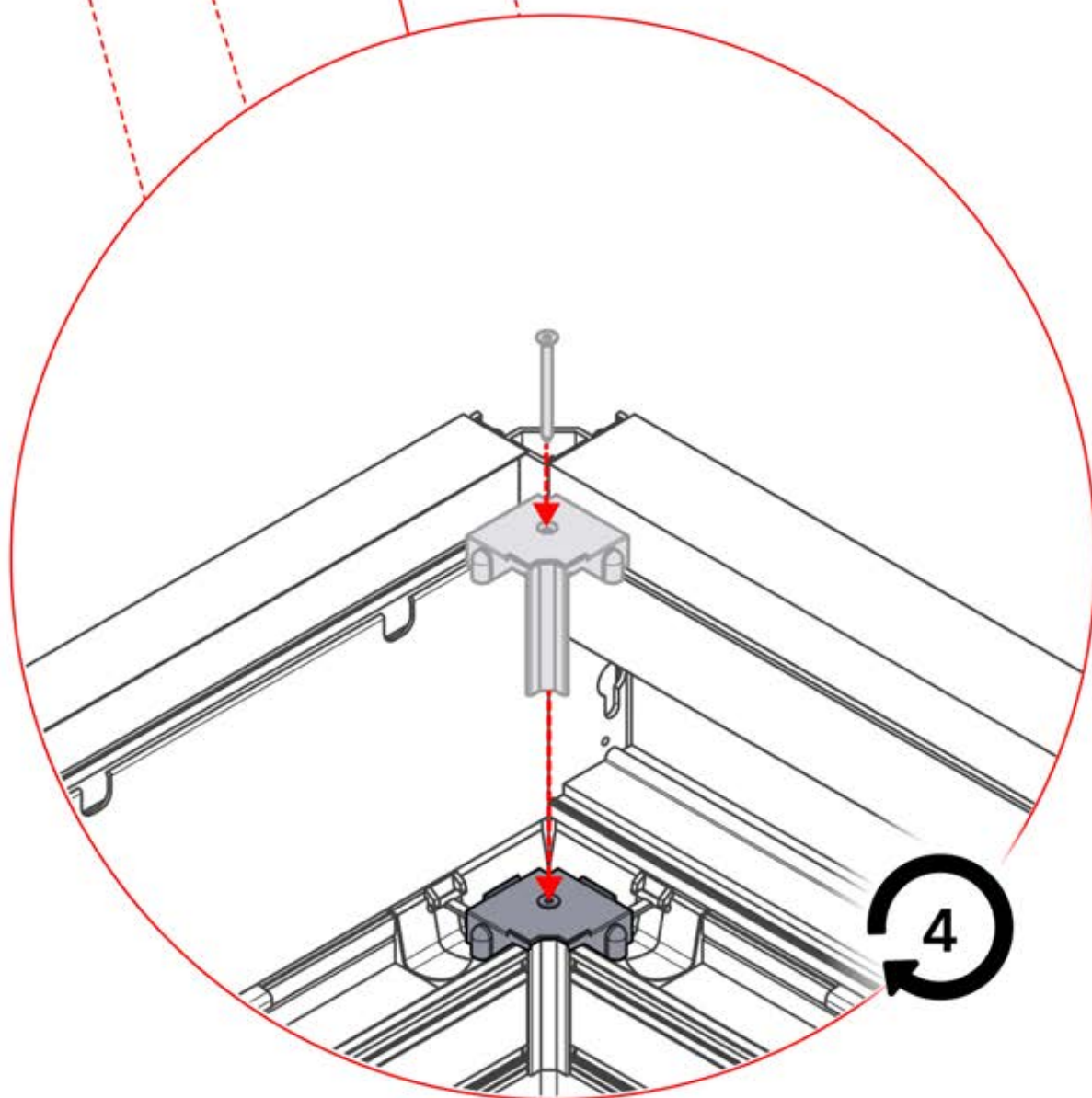
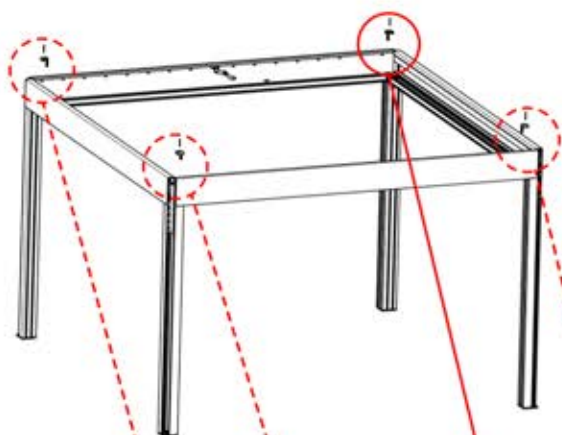
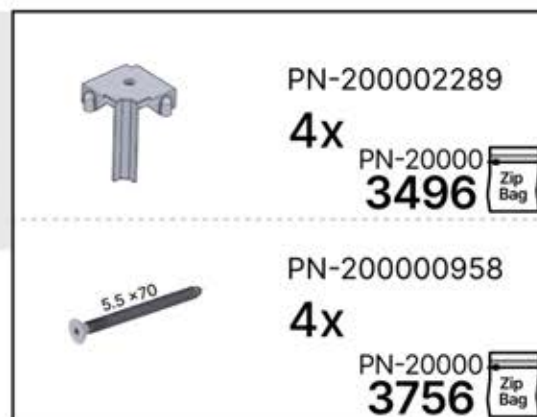
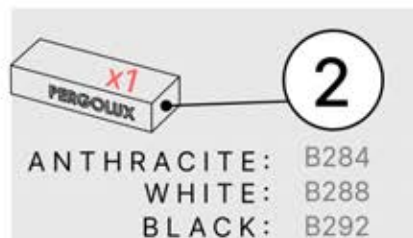
14



15



16



17



2

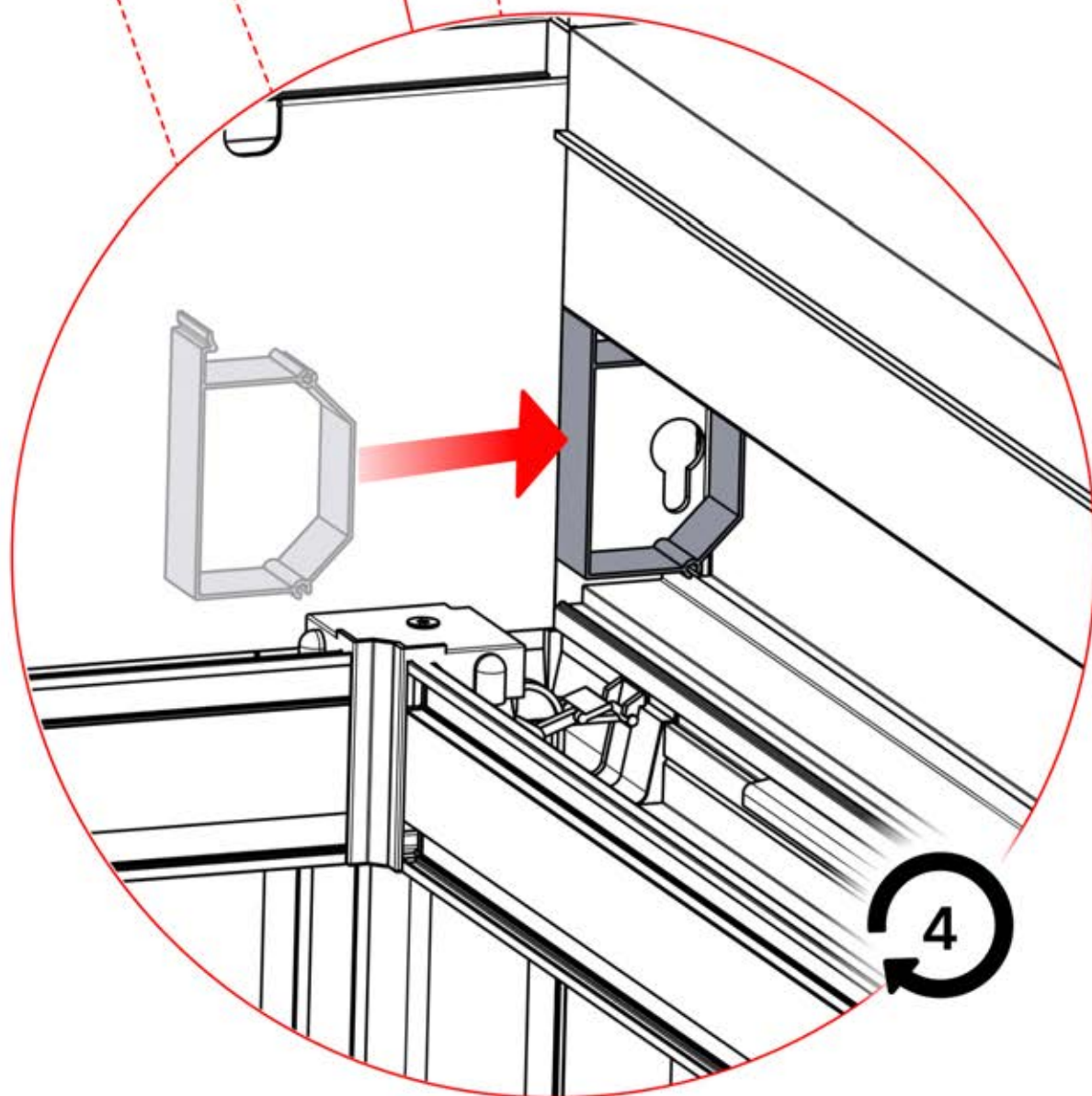
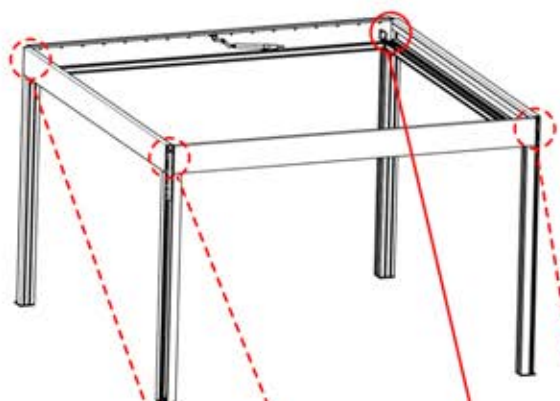
ANTHRACITE: B284
WHITE: B288
BLACK: B292



PN-200002329

4x

PN-20000
3497



18



2

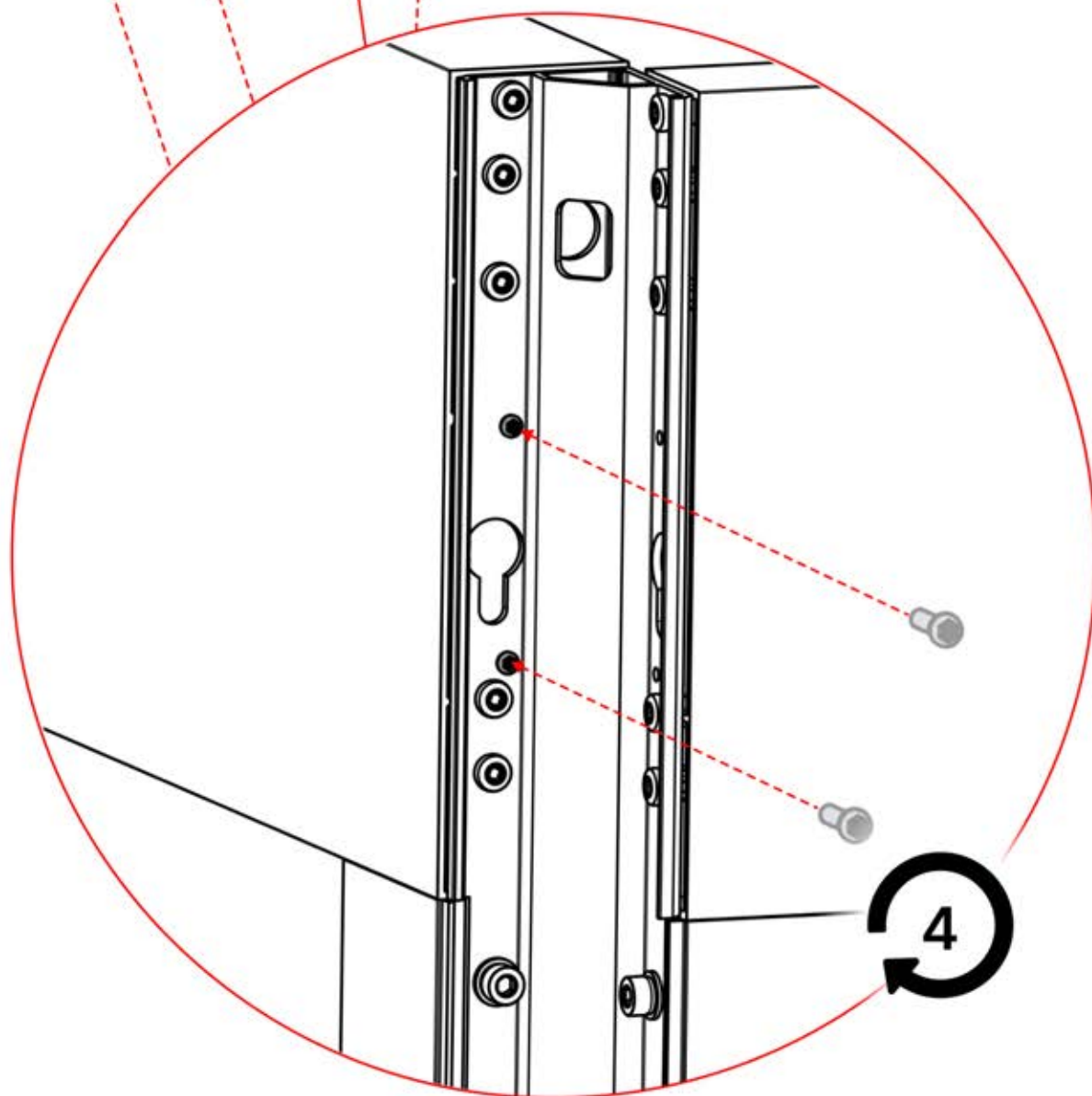
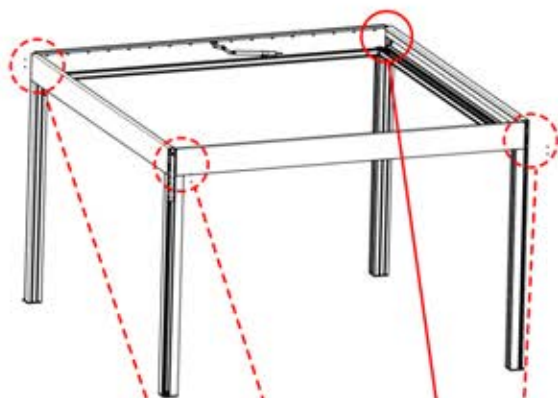
ANTHRACITE: B284
WHITE: B288
BLACK: B292



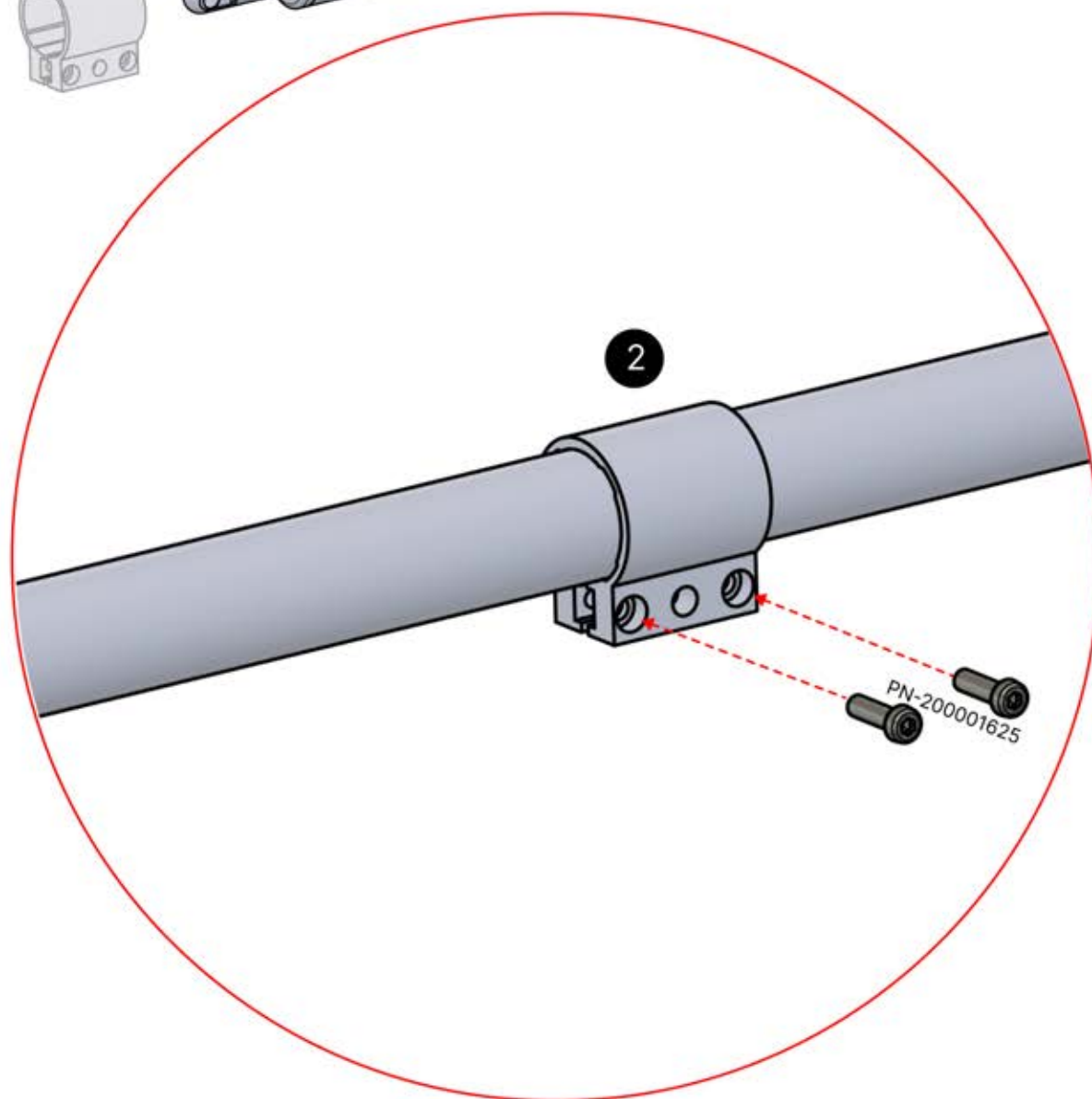
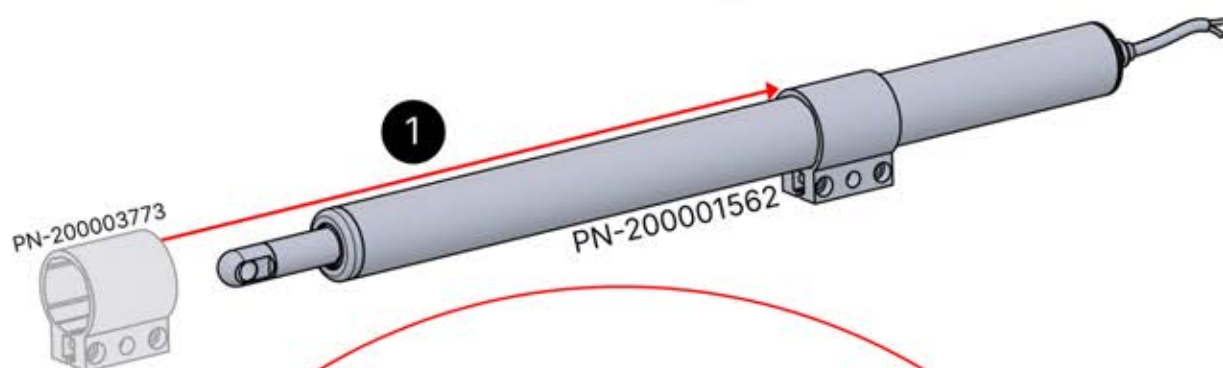
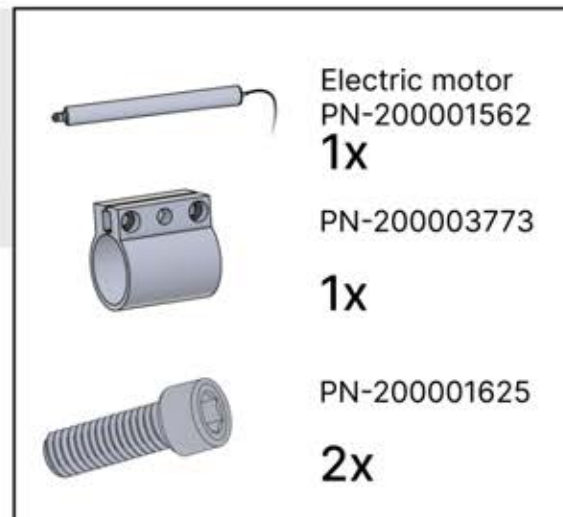
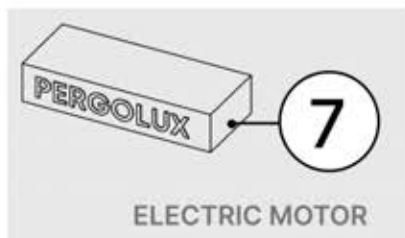
PN-200000852

8x

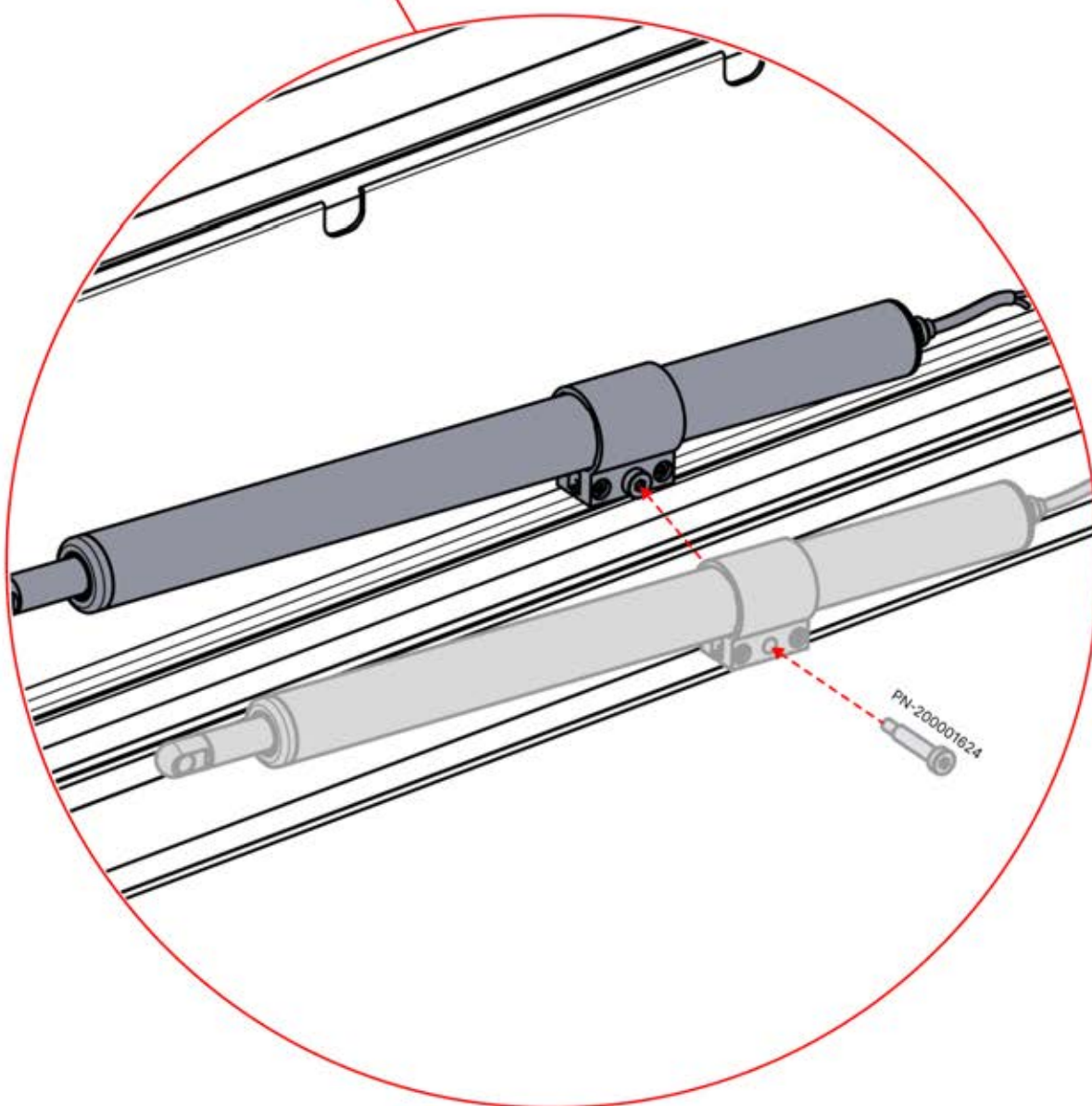
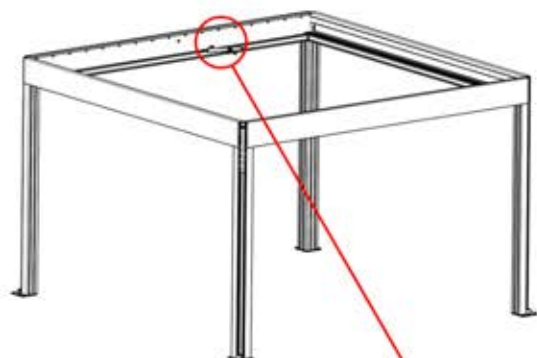
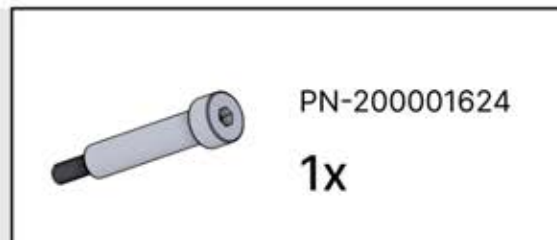
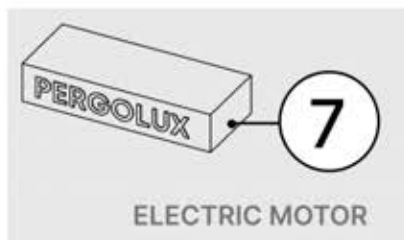
PN-20000
3497



19

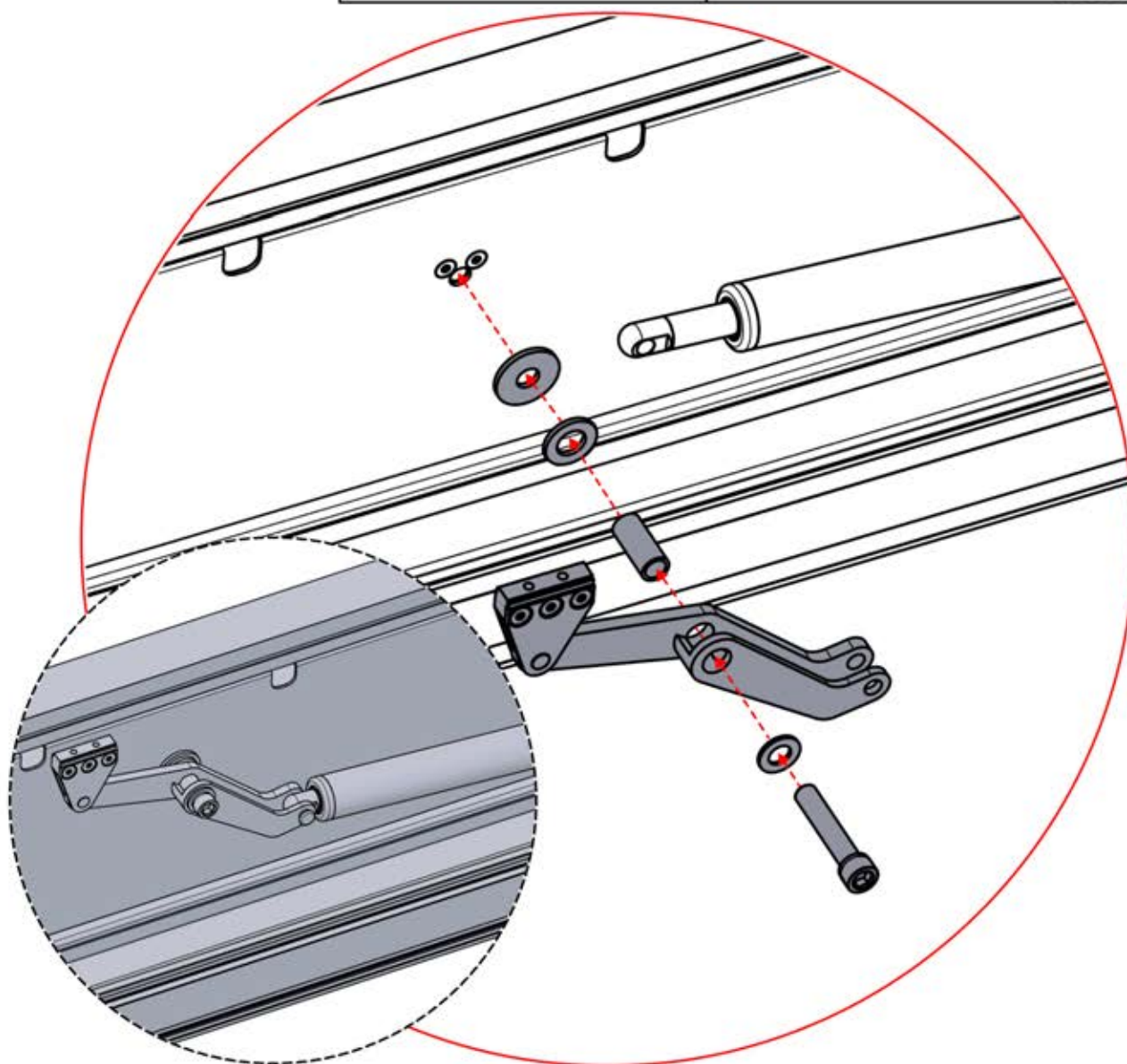


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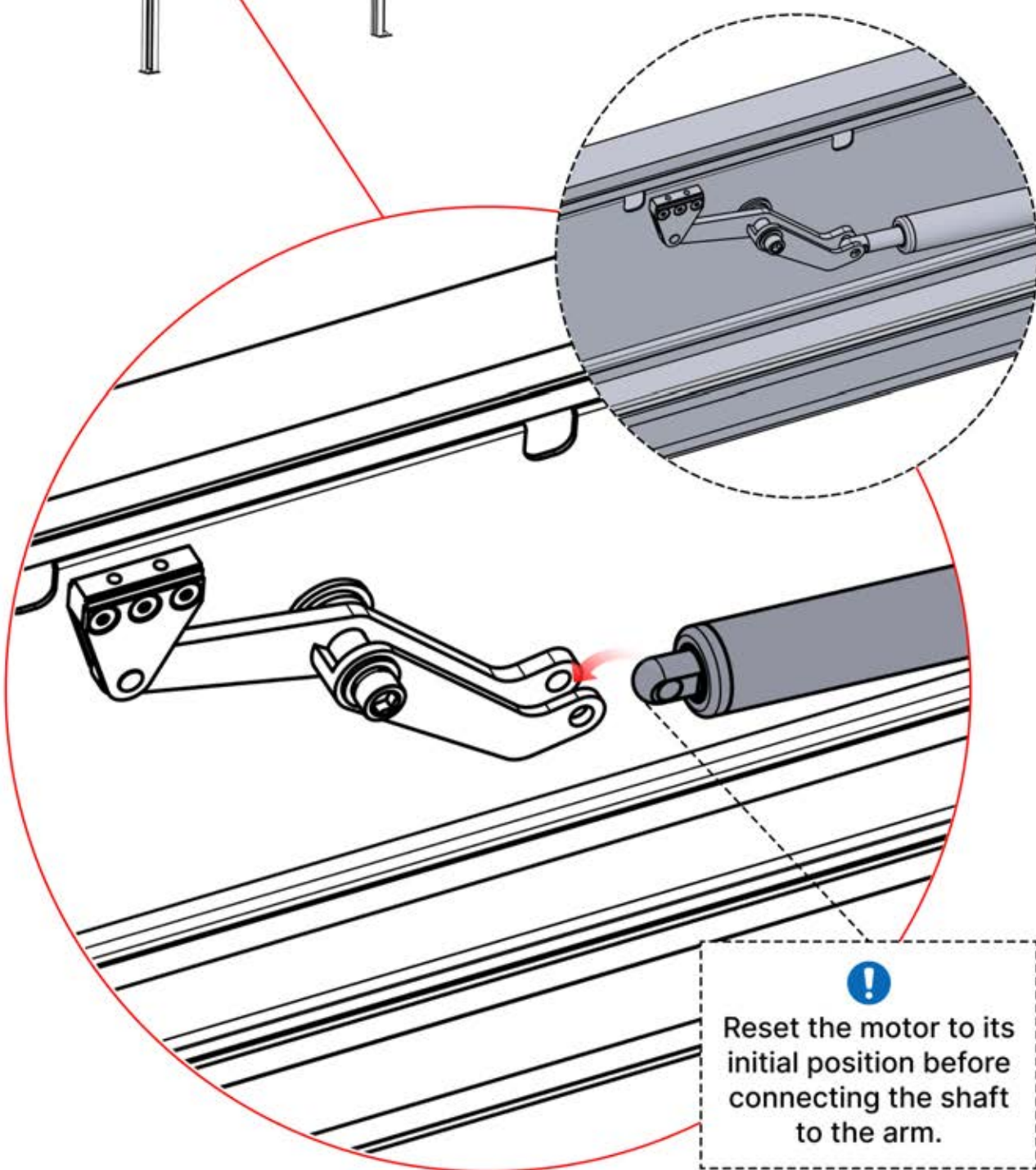
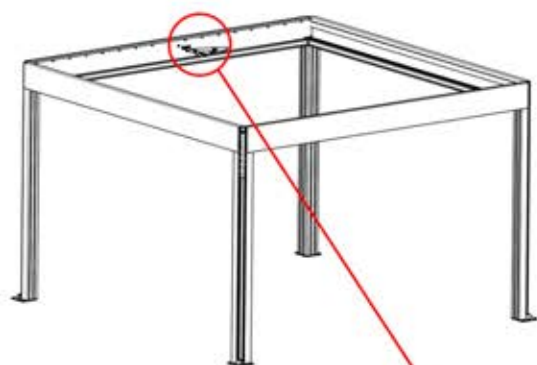


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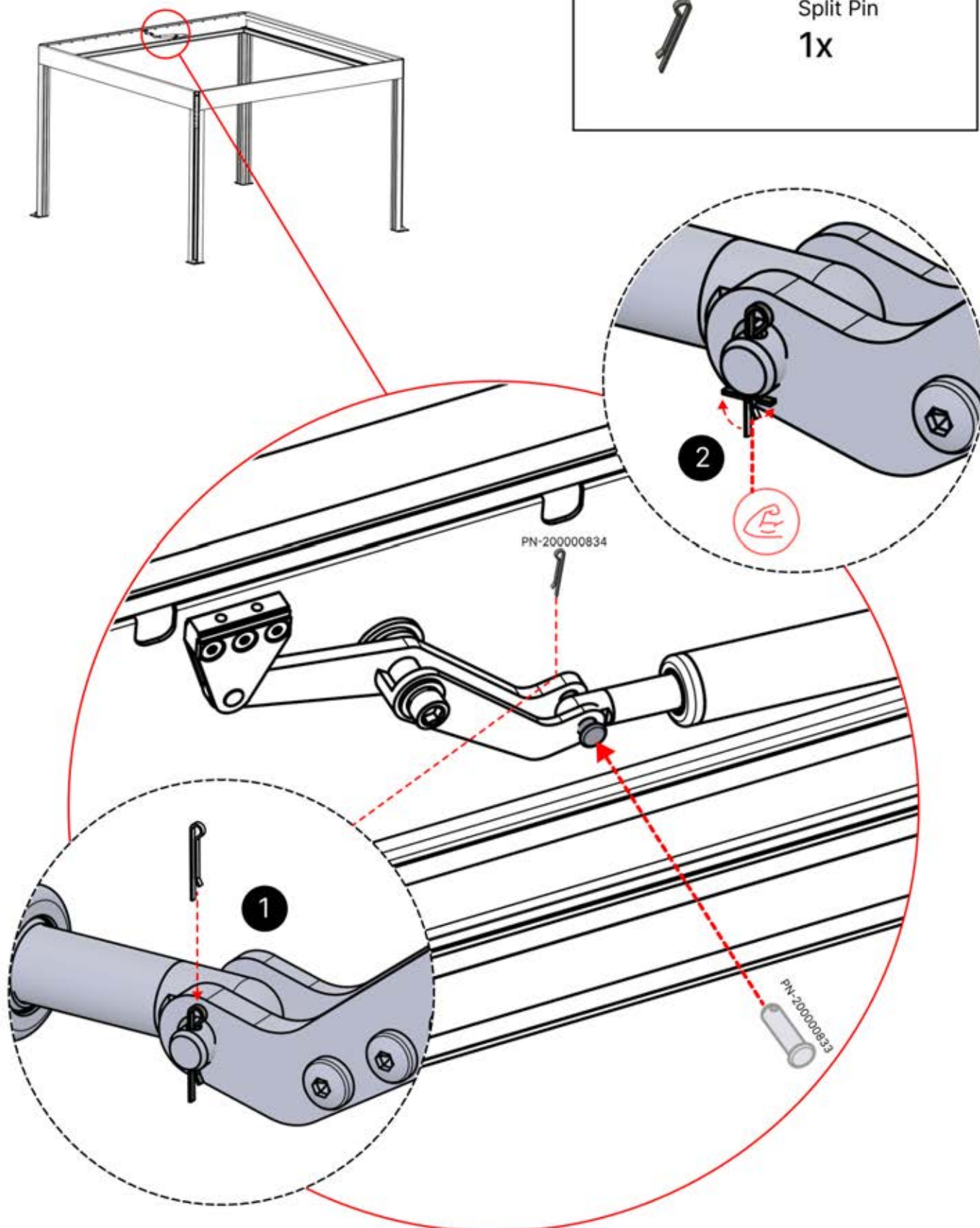
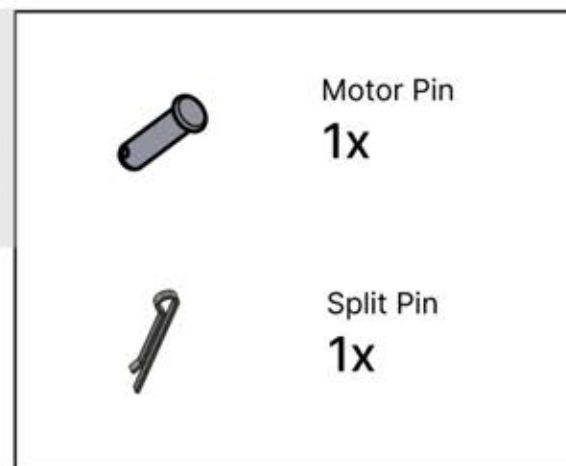
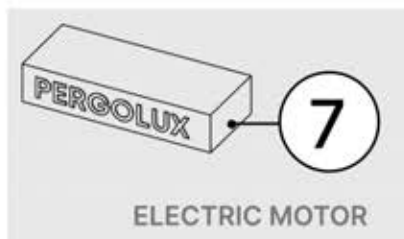
 ANTHRACITE: B284 WHITE: B288 BLACK: B292	 PN-200002326 1x  PN-200002328 2x  PN-200002327 1x  PN-200002333 1x  PN-200002355 1x PN-20000 3751 
 PN-200003500 1x  PN-200002330 1x  PN-200002324 1x	



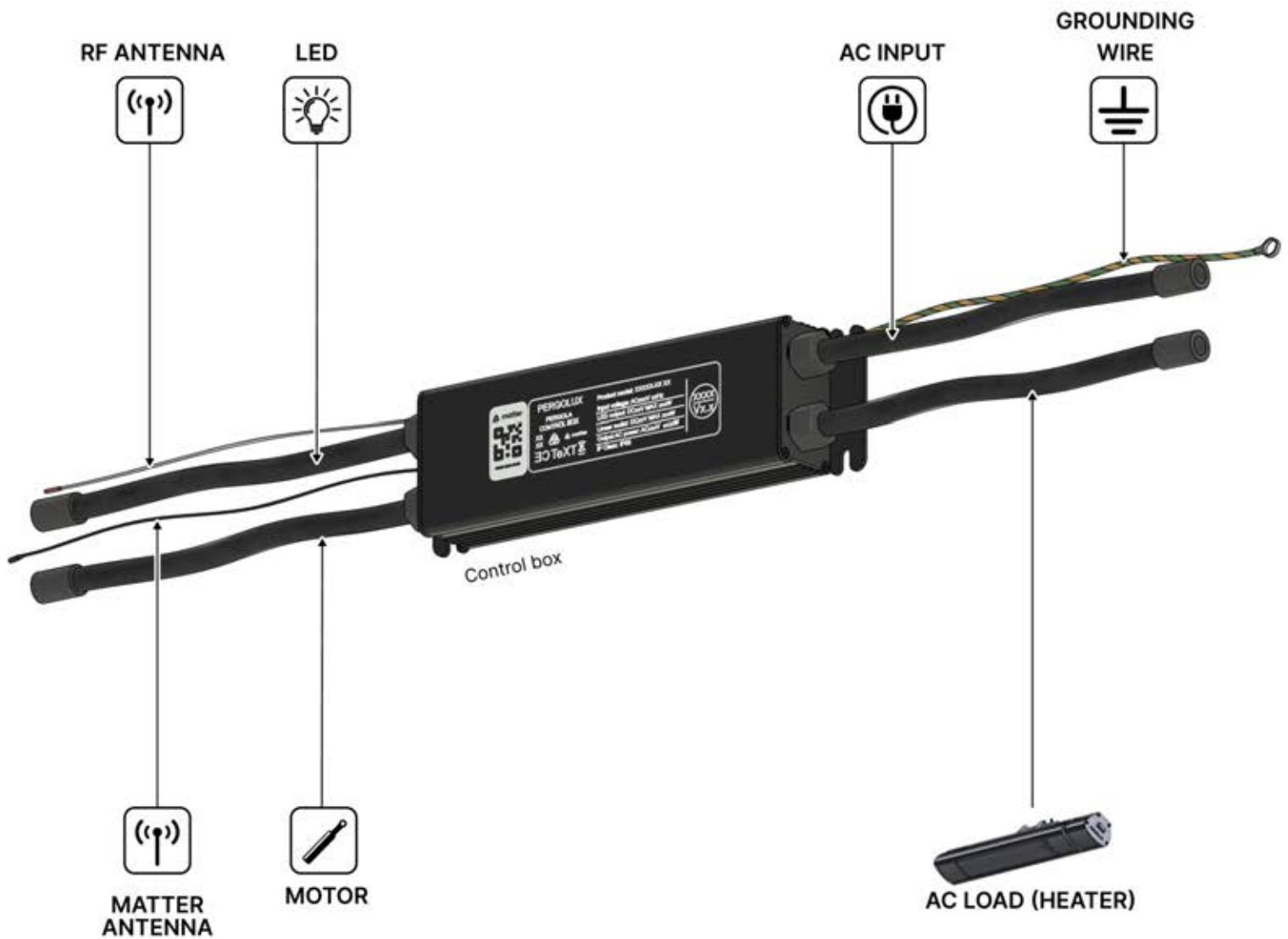
22



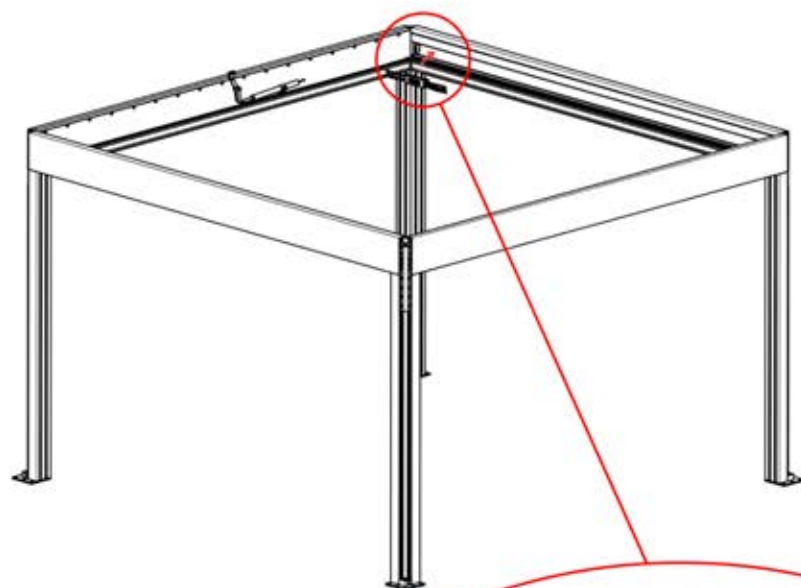
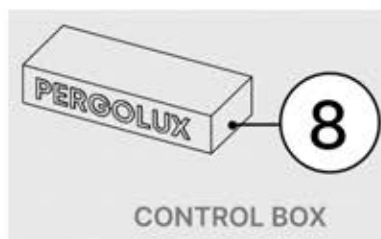
23



INPUTS AND OUTPUTS

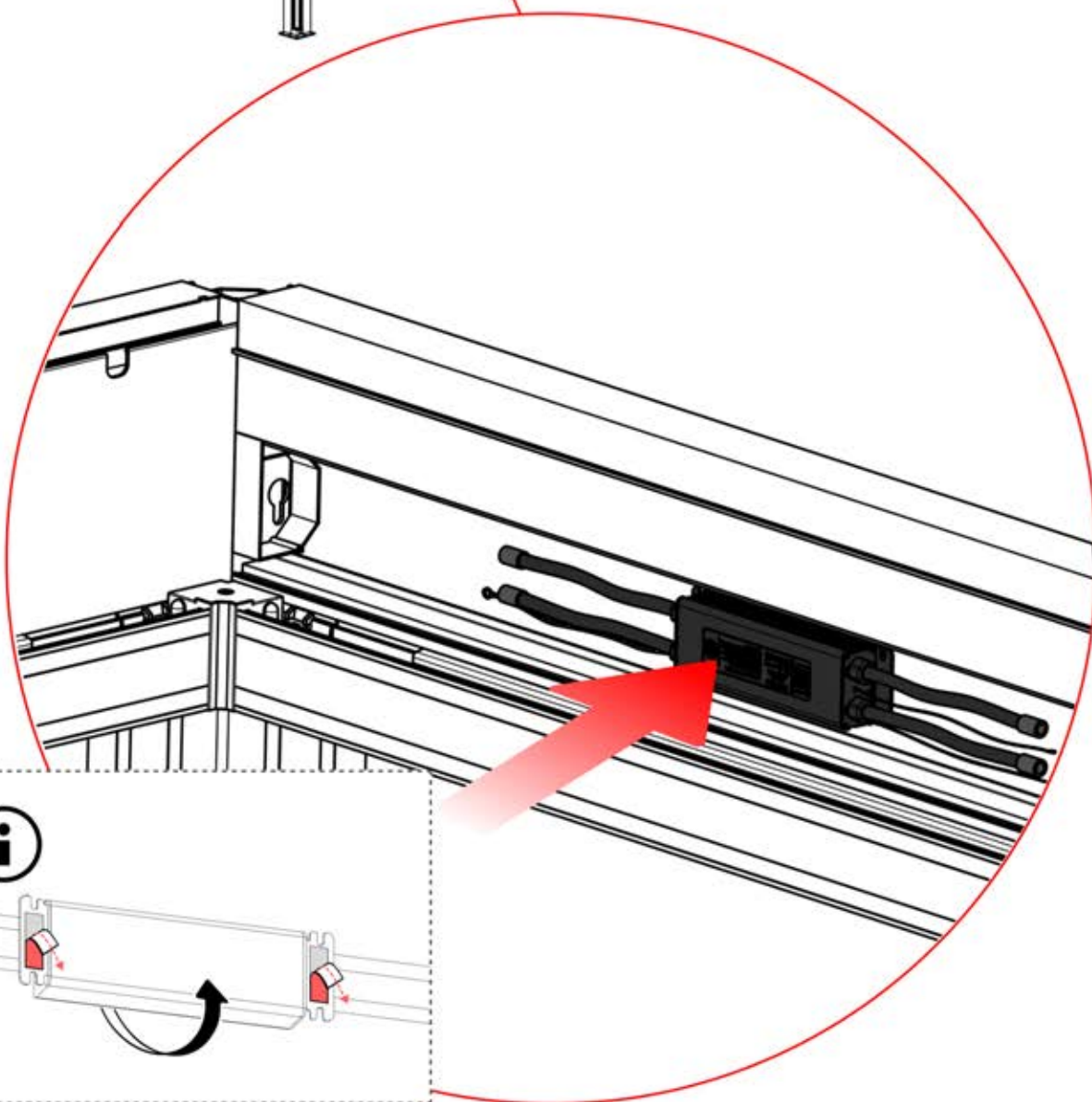


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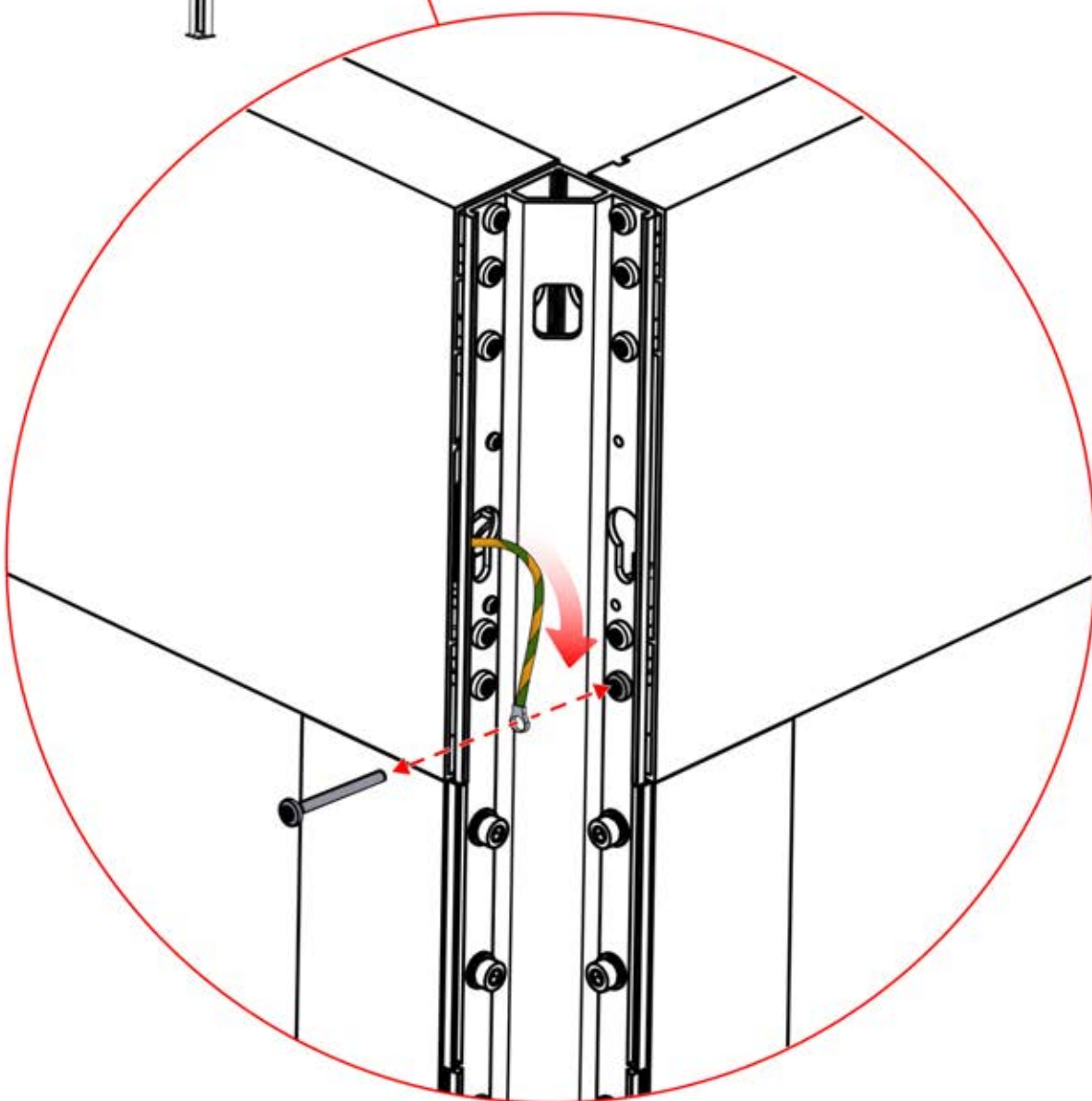
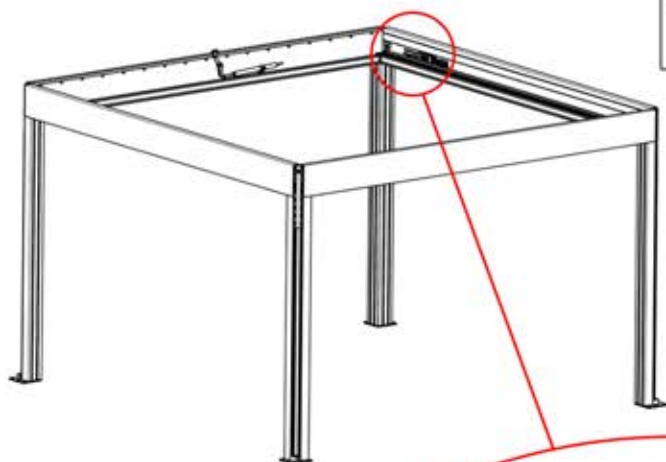
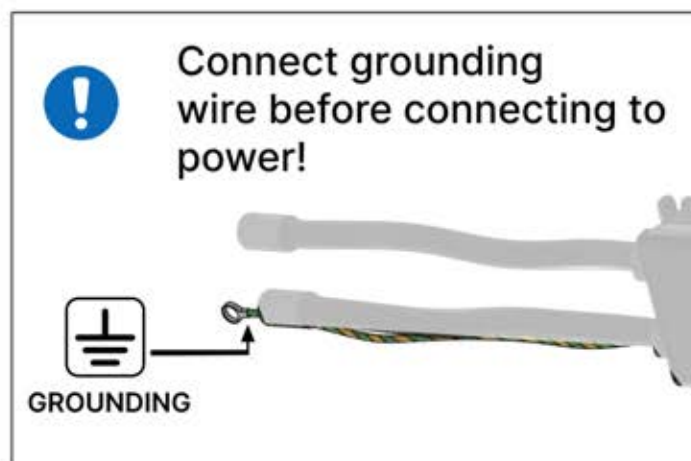


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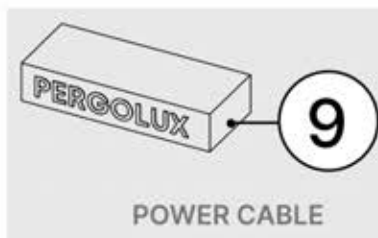
Control Box can be installed on Preferred W BEAM



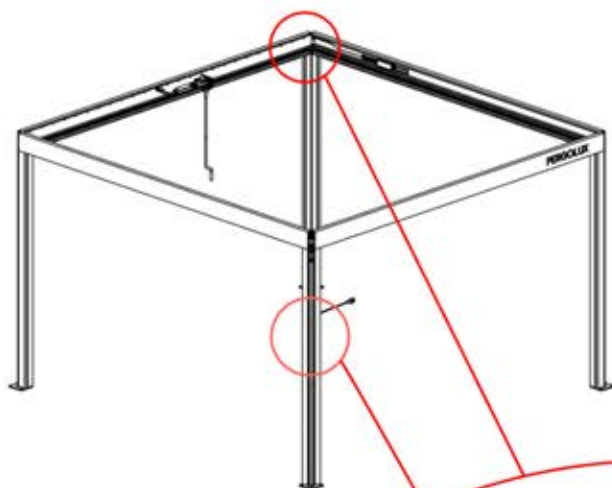
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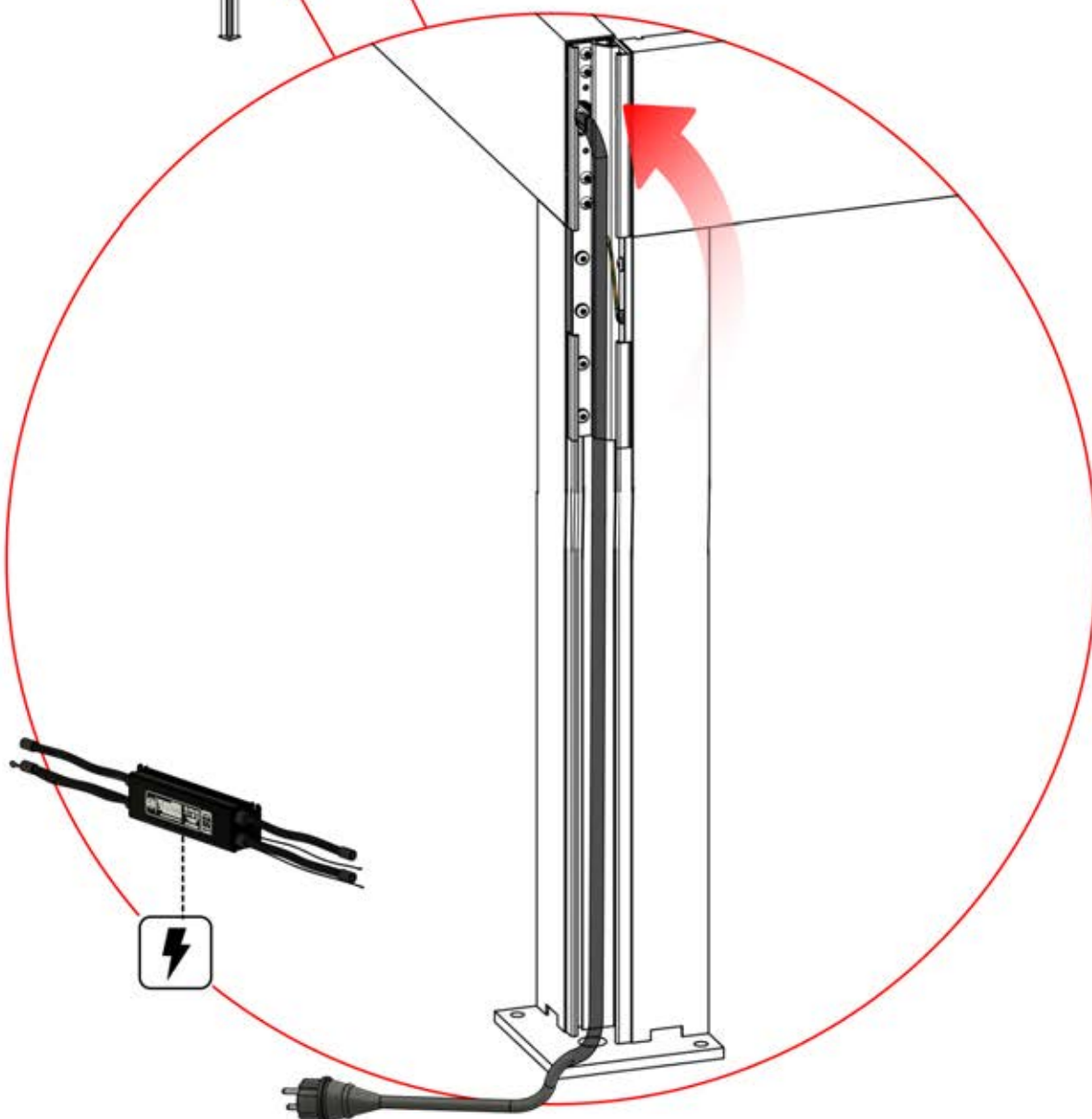
26



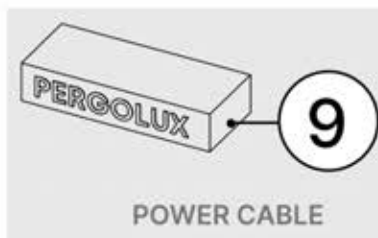
Power cable
PN-200003781
1x



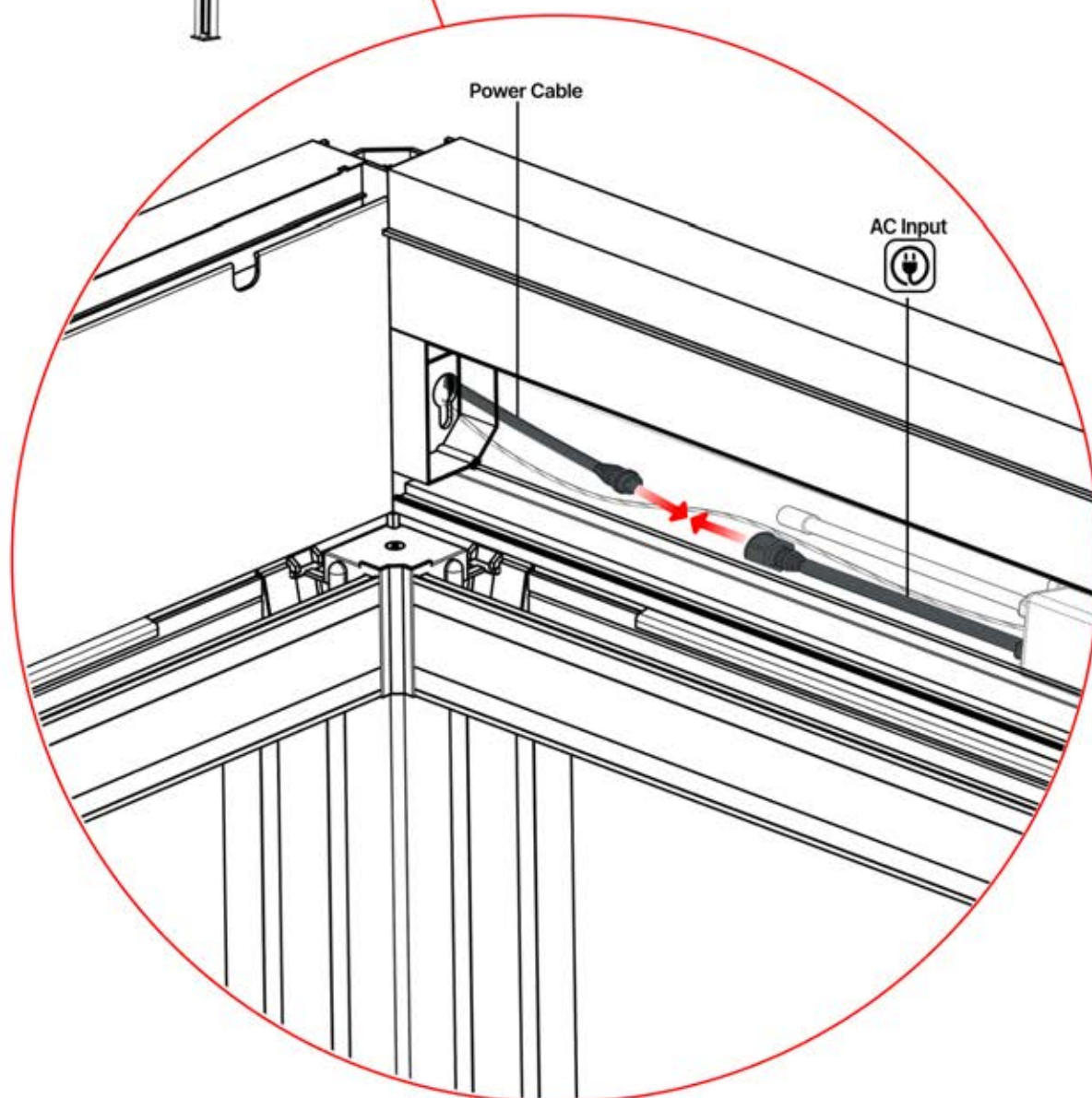
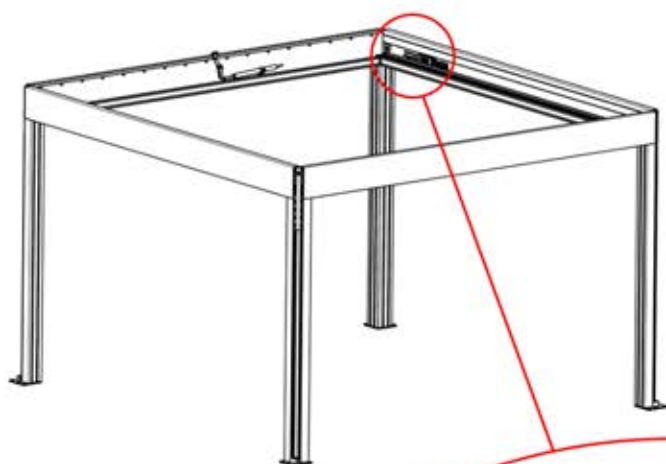
Power Cable can be
routed through all
the Poles.



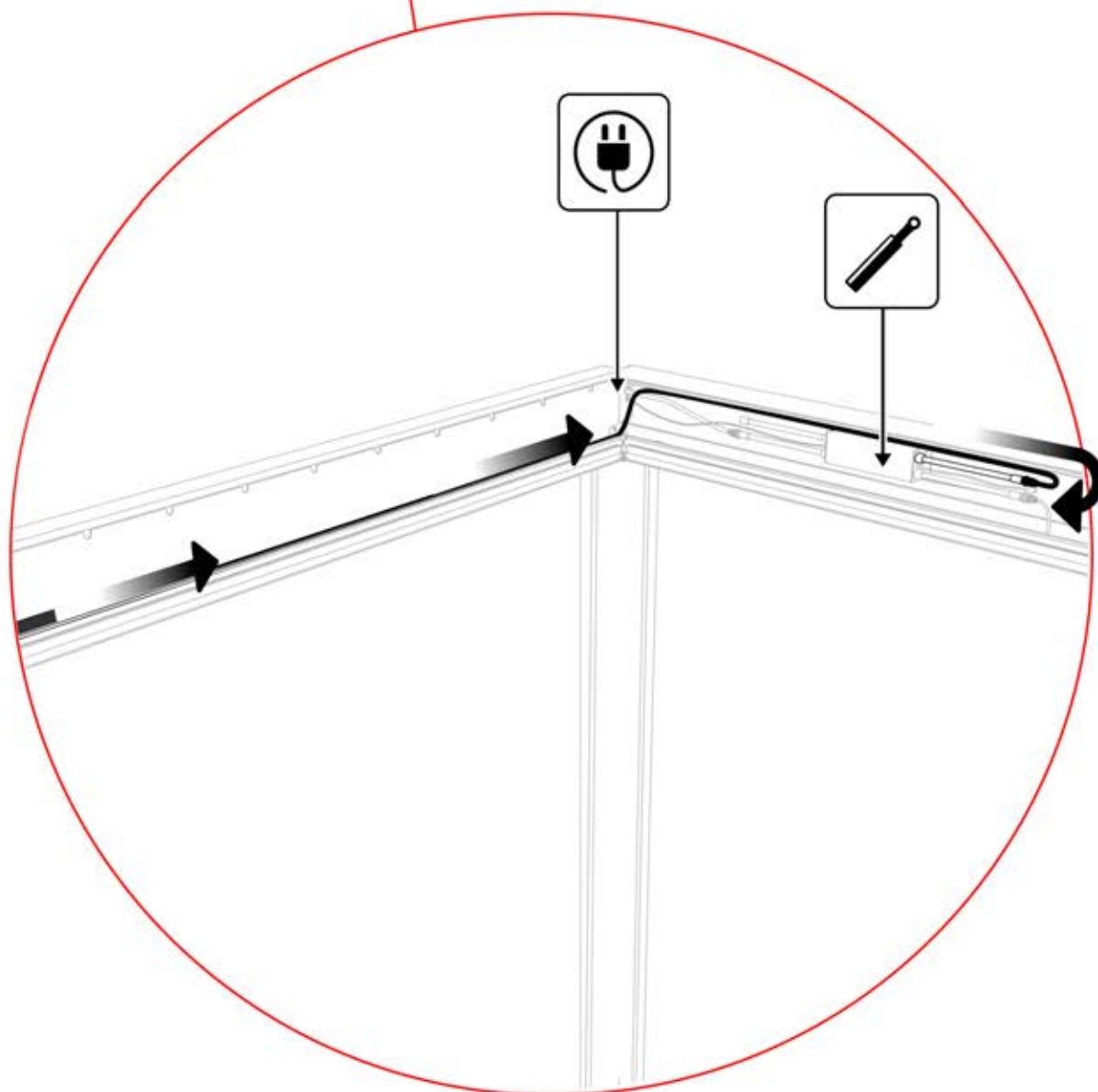
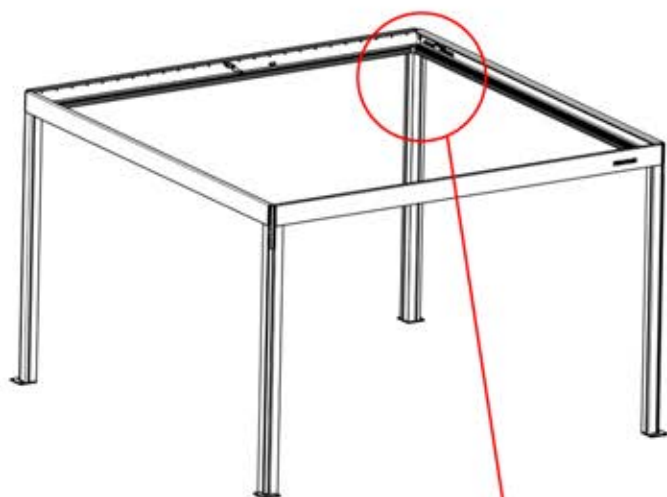
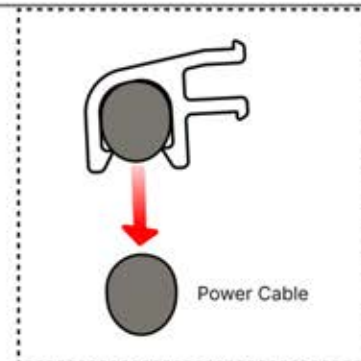
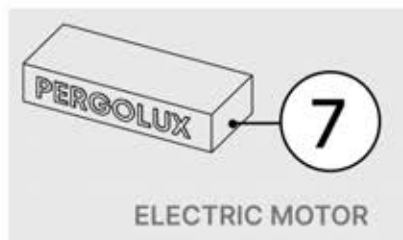
27



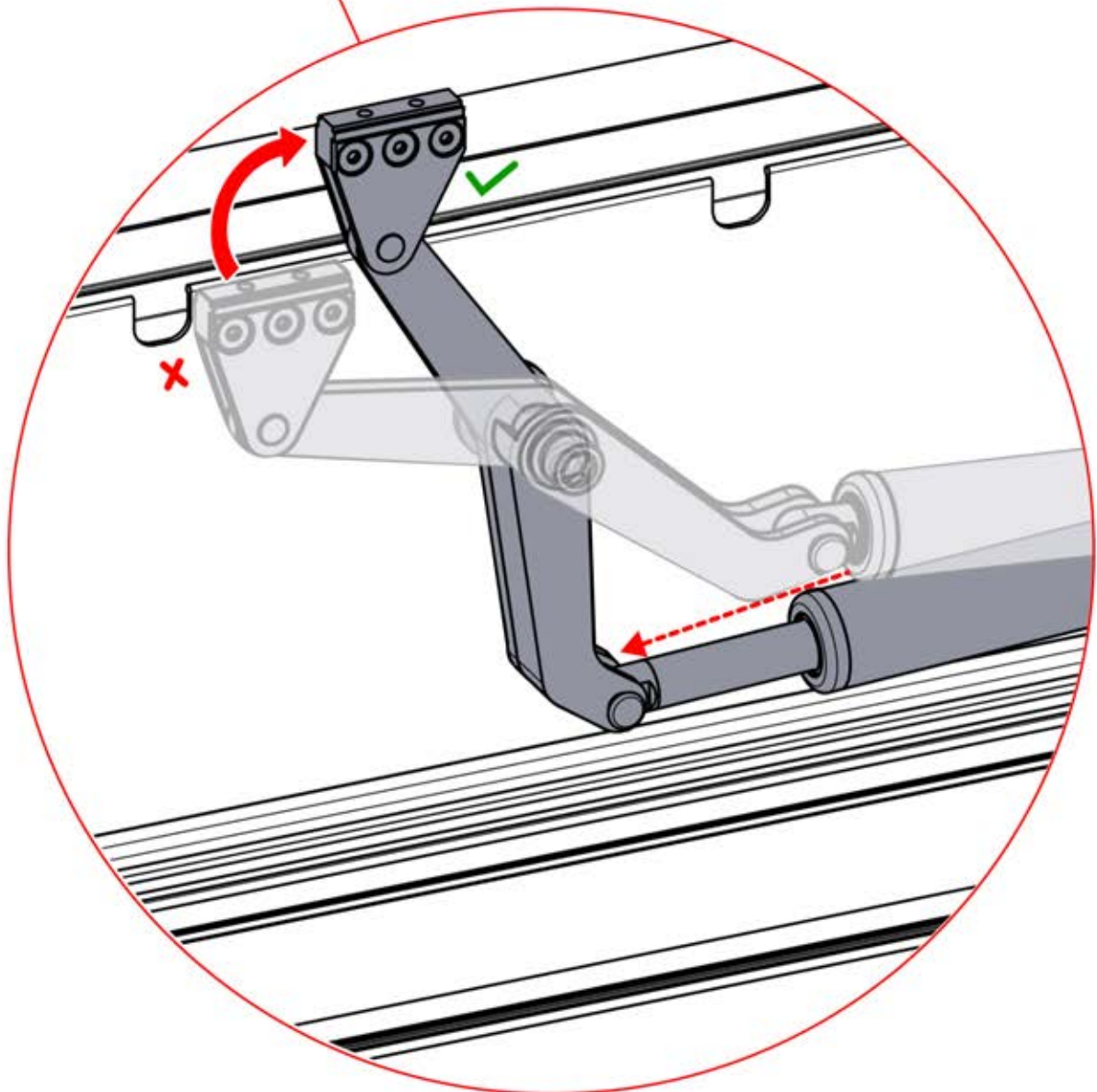
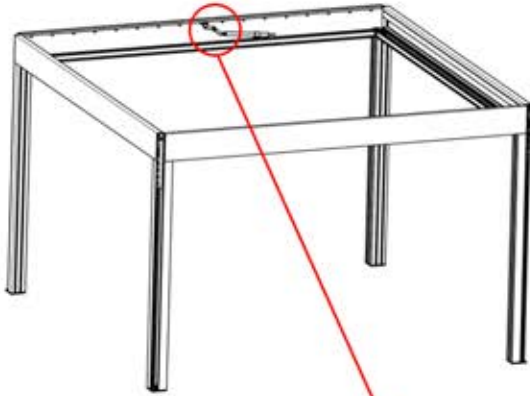
Power cable
PN-200003781
1x



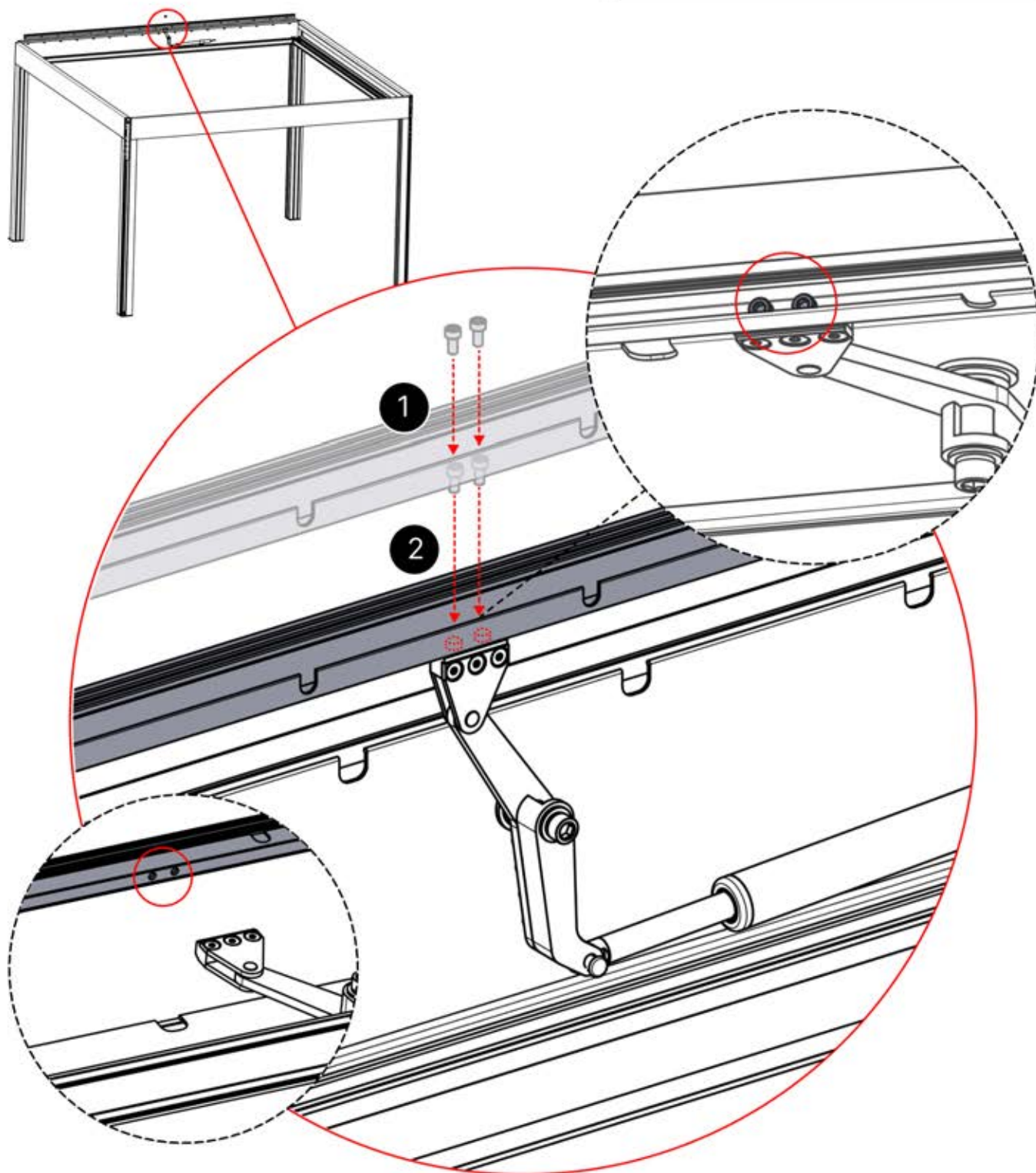
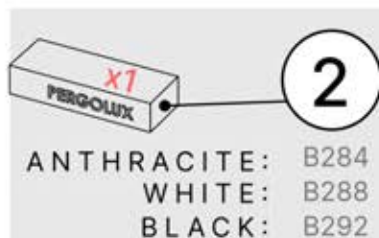
28



29



30



31

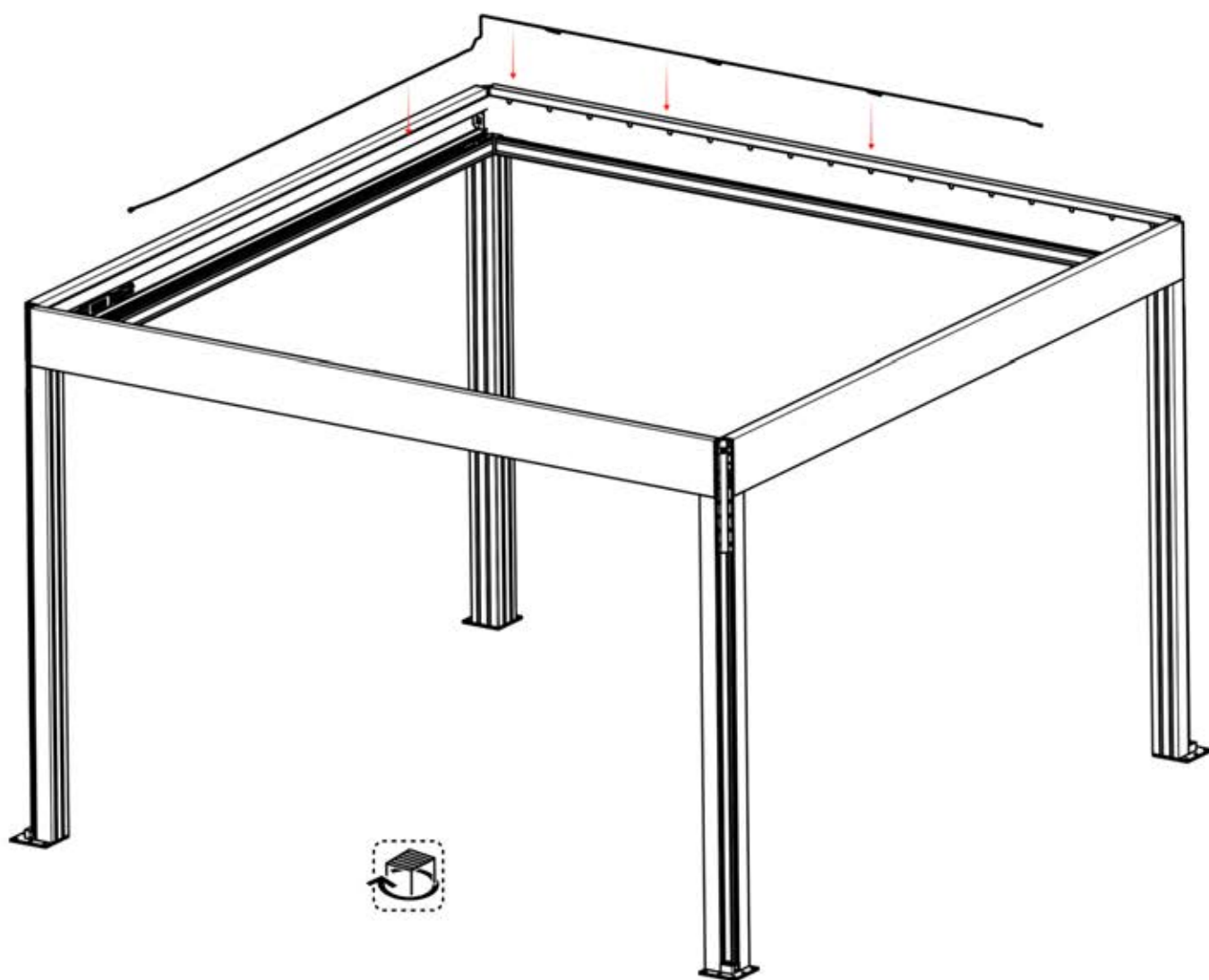


10

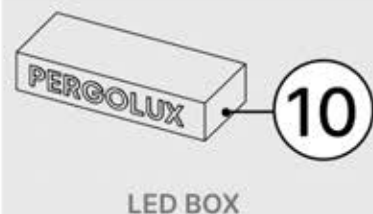
LED BOX



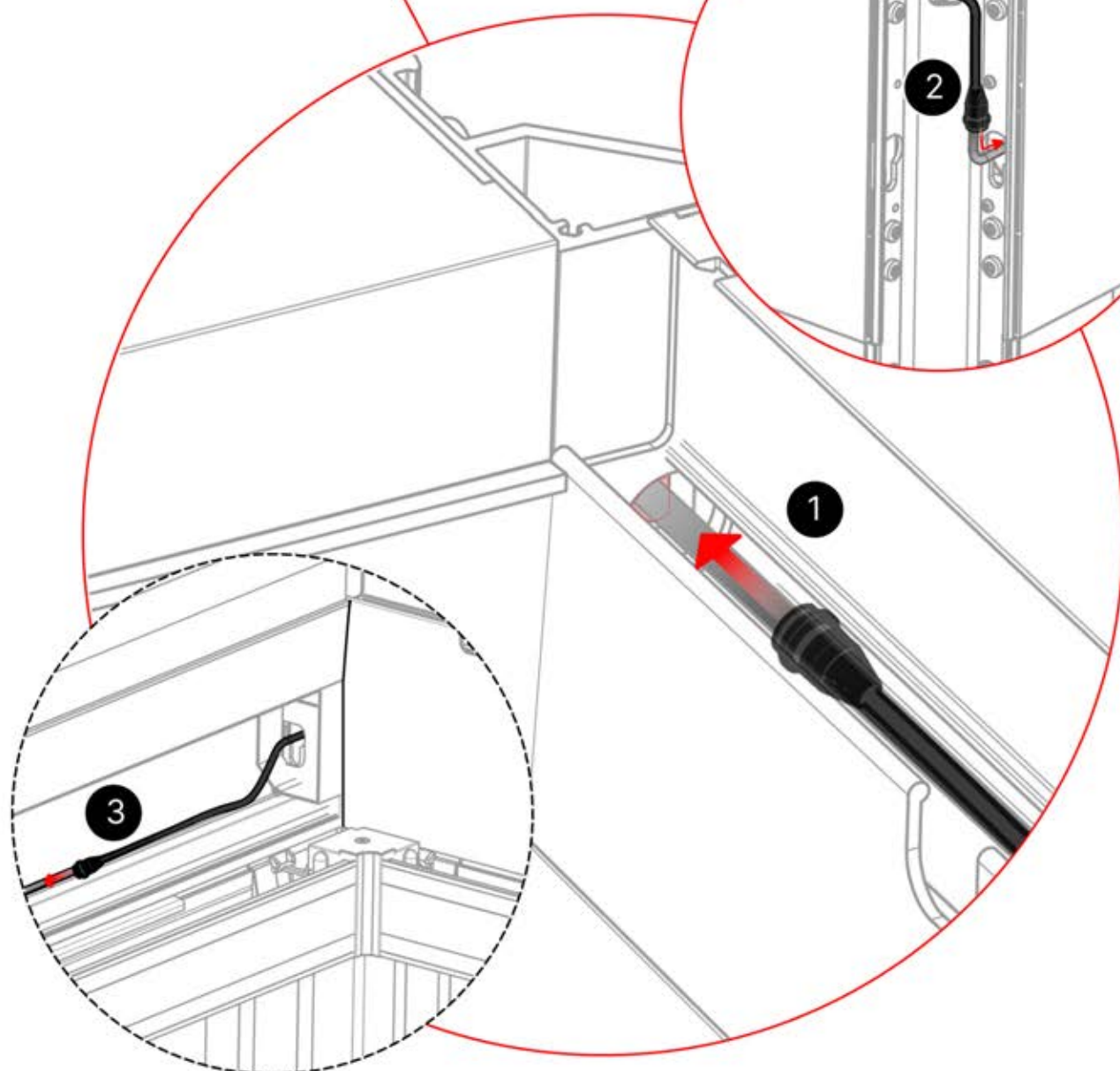
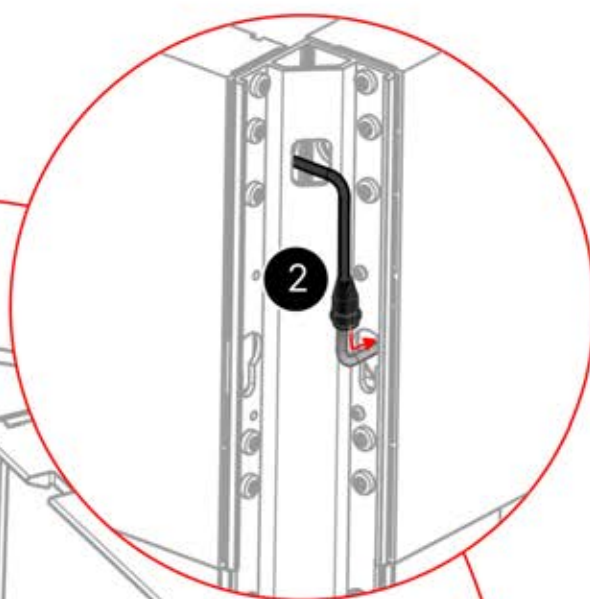
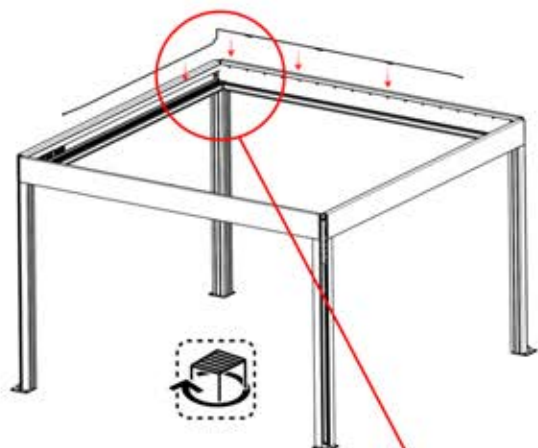
4 LED HARNESS



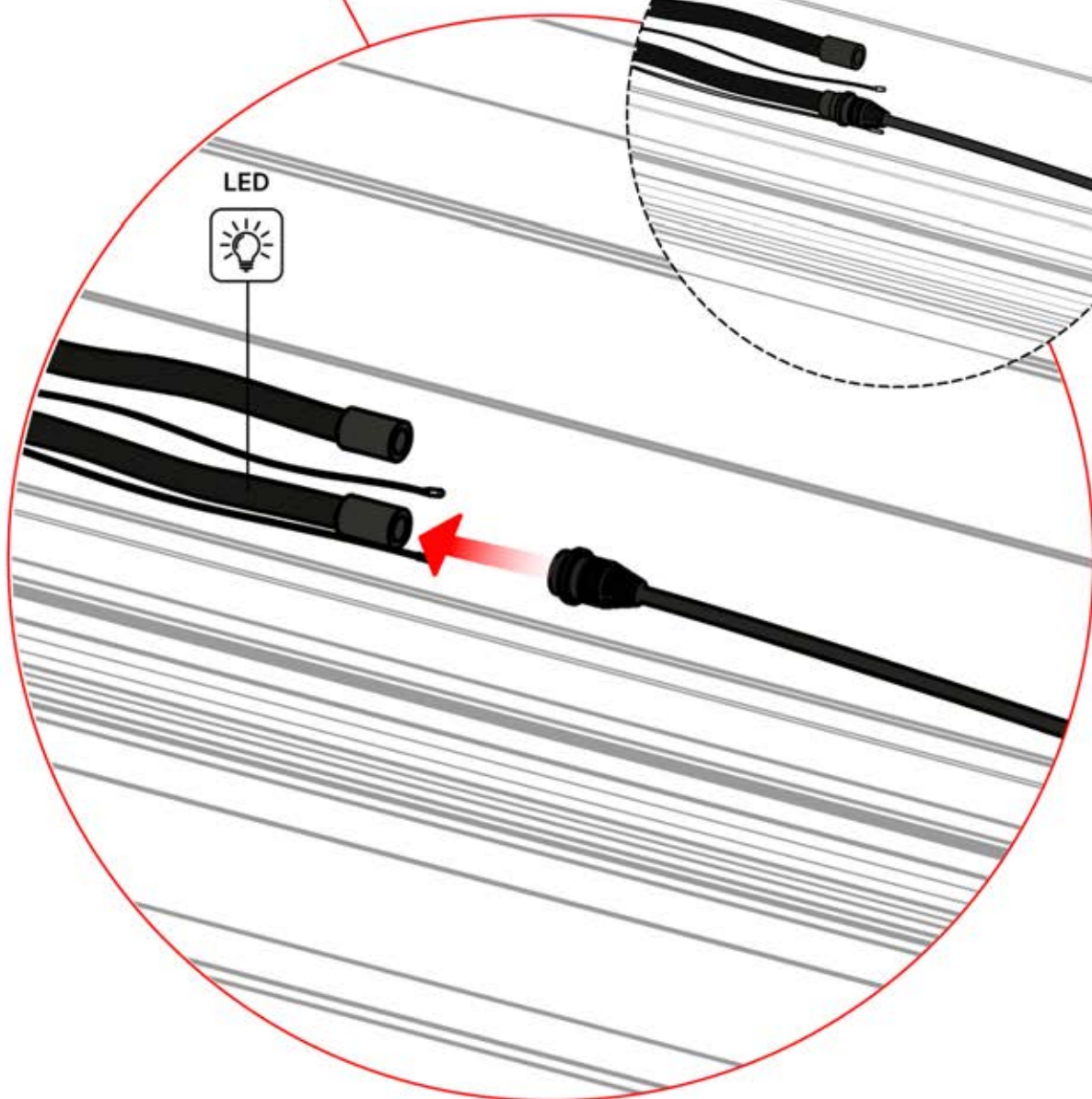
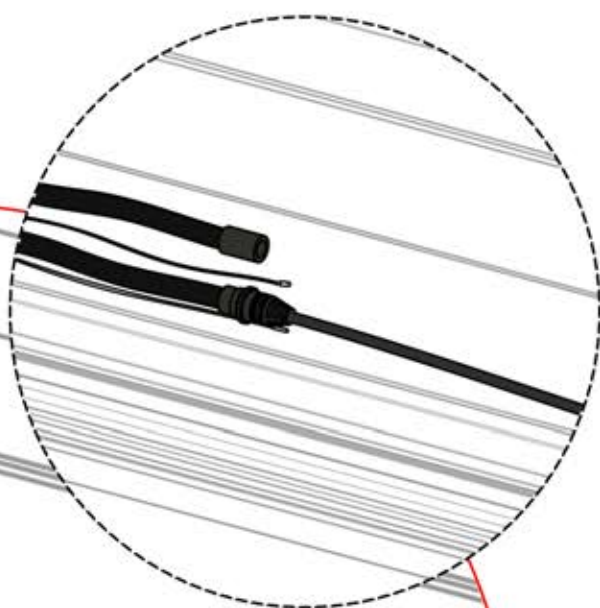
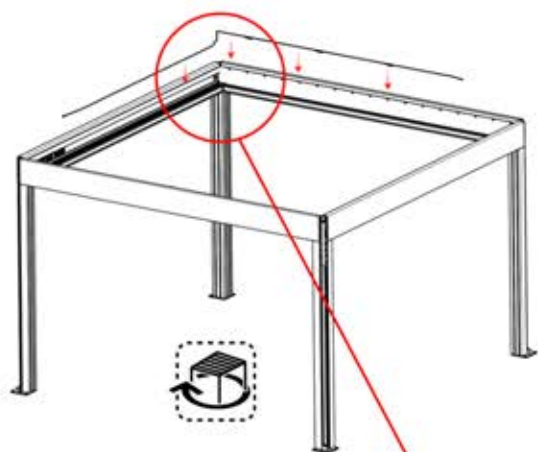
32



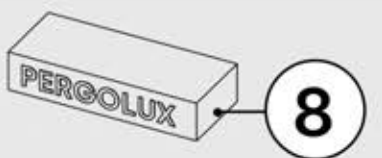
4 LED HARNESS



33



34



CONTROL BOX

!

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

S4

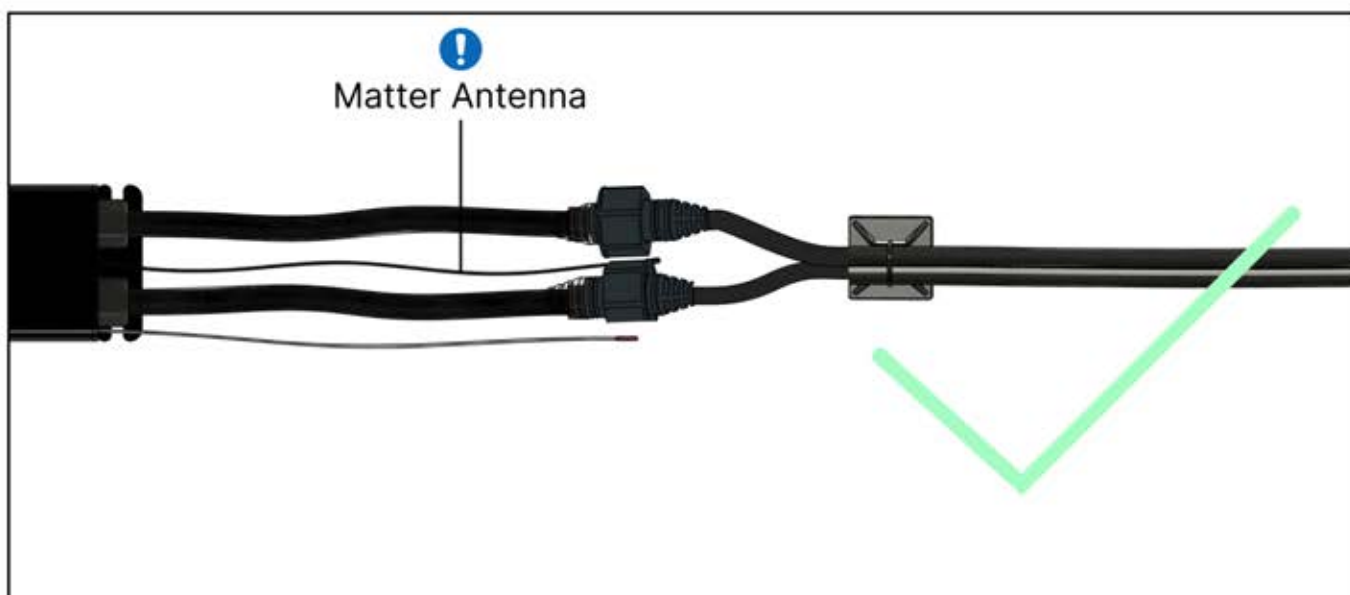
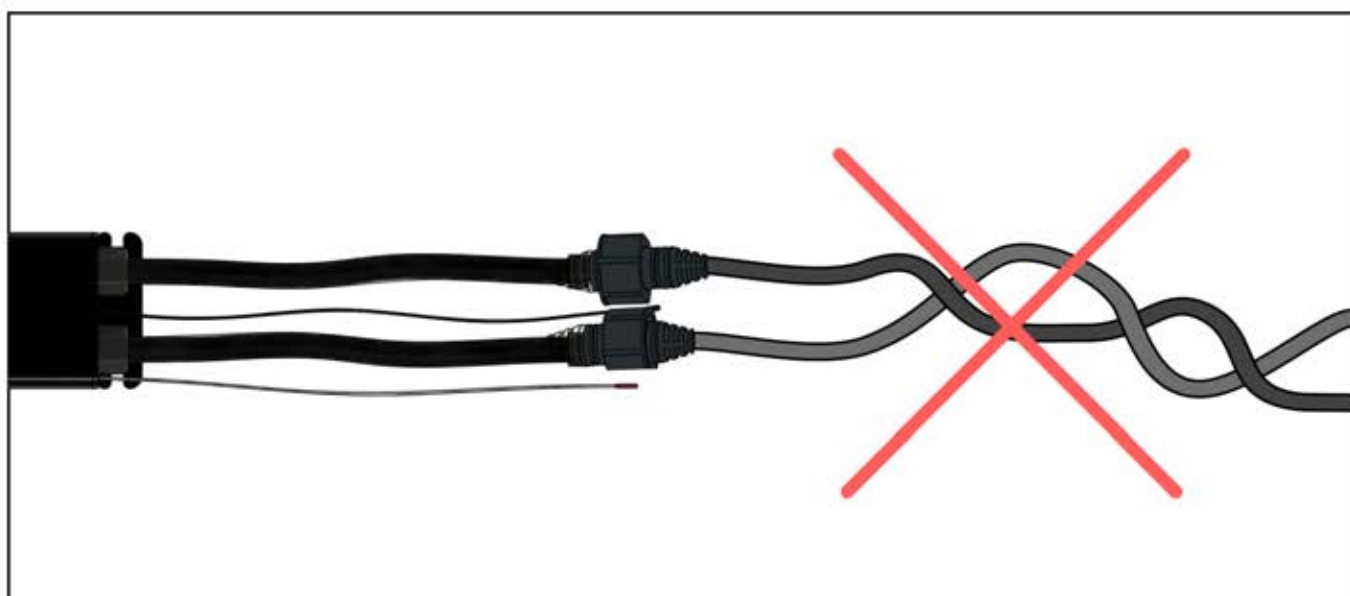


PN-200002683

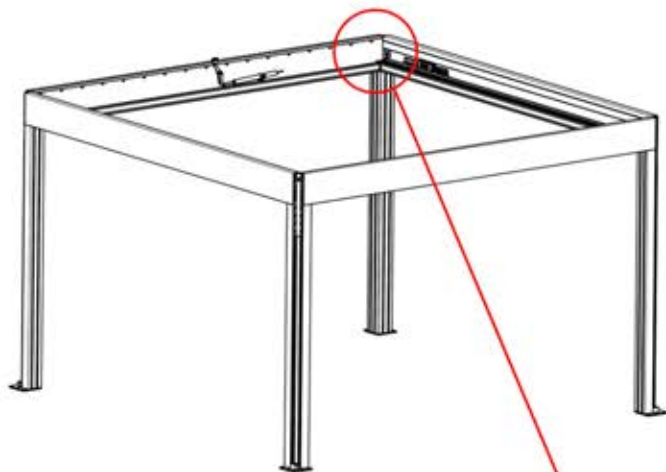
5x

PN-200002684

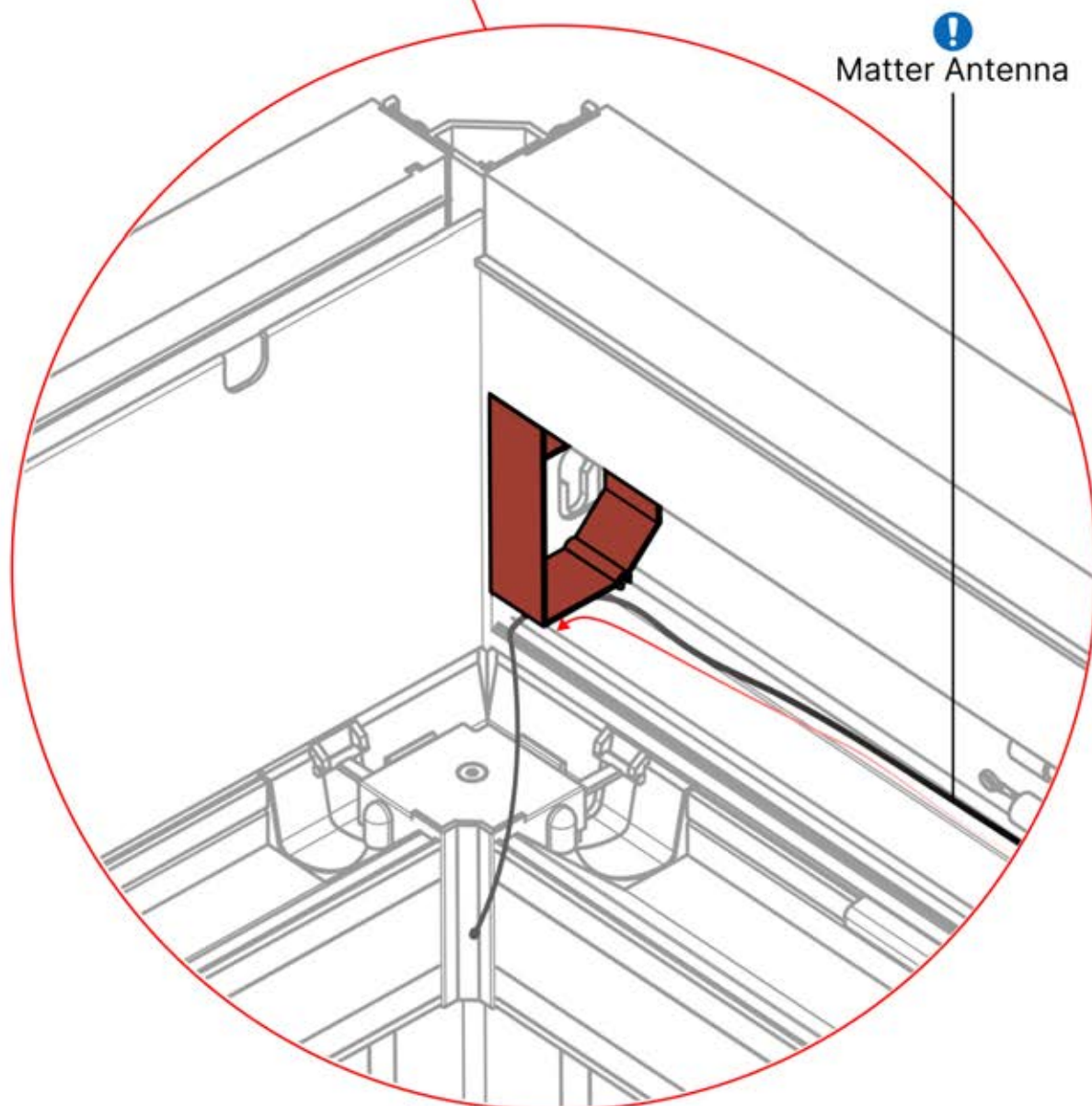
10x



35

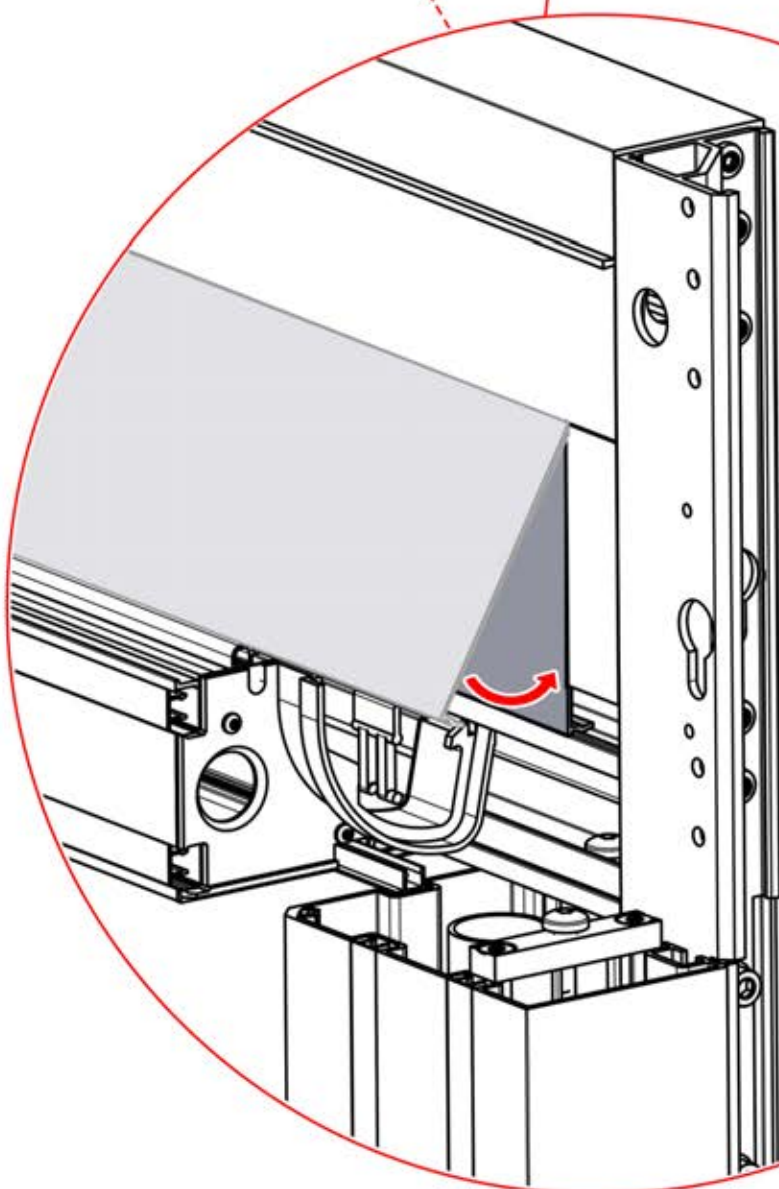
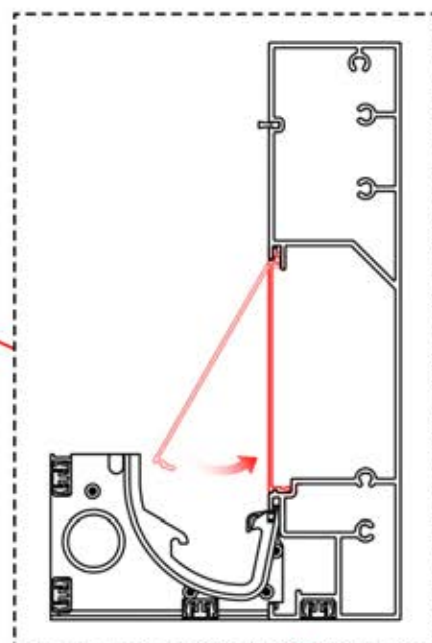
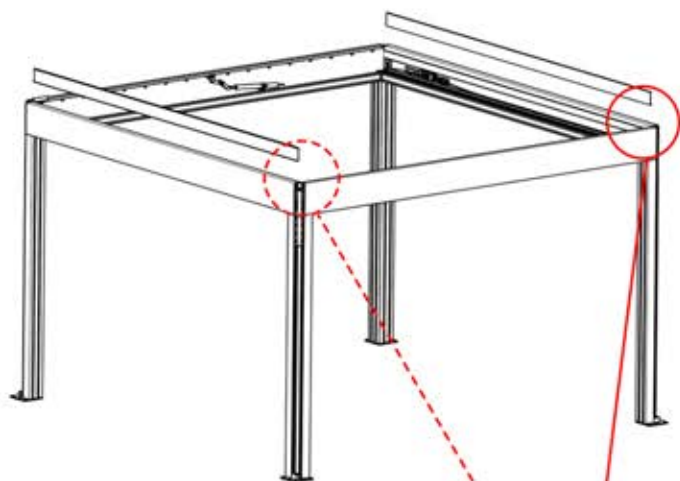
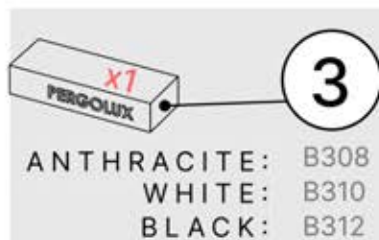



Route the Matter
Antenna and place it
below the highlighted
part(PN-200002329).

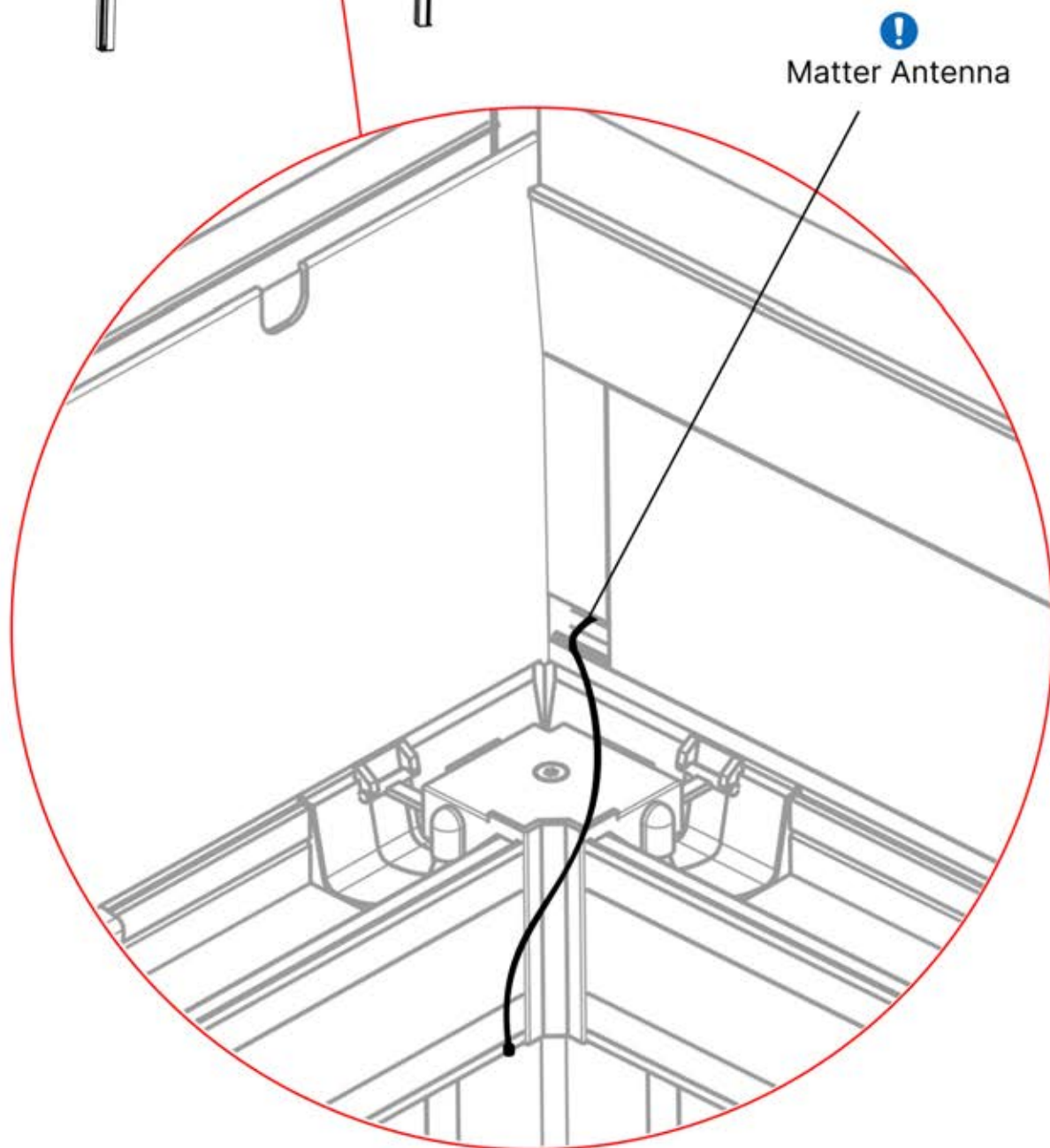
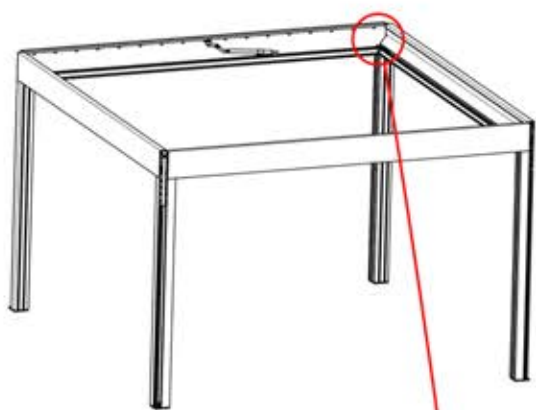



Matter Antenna

36



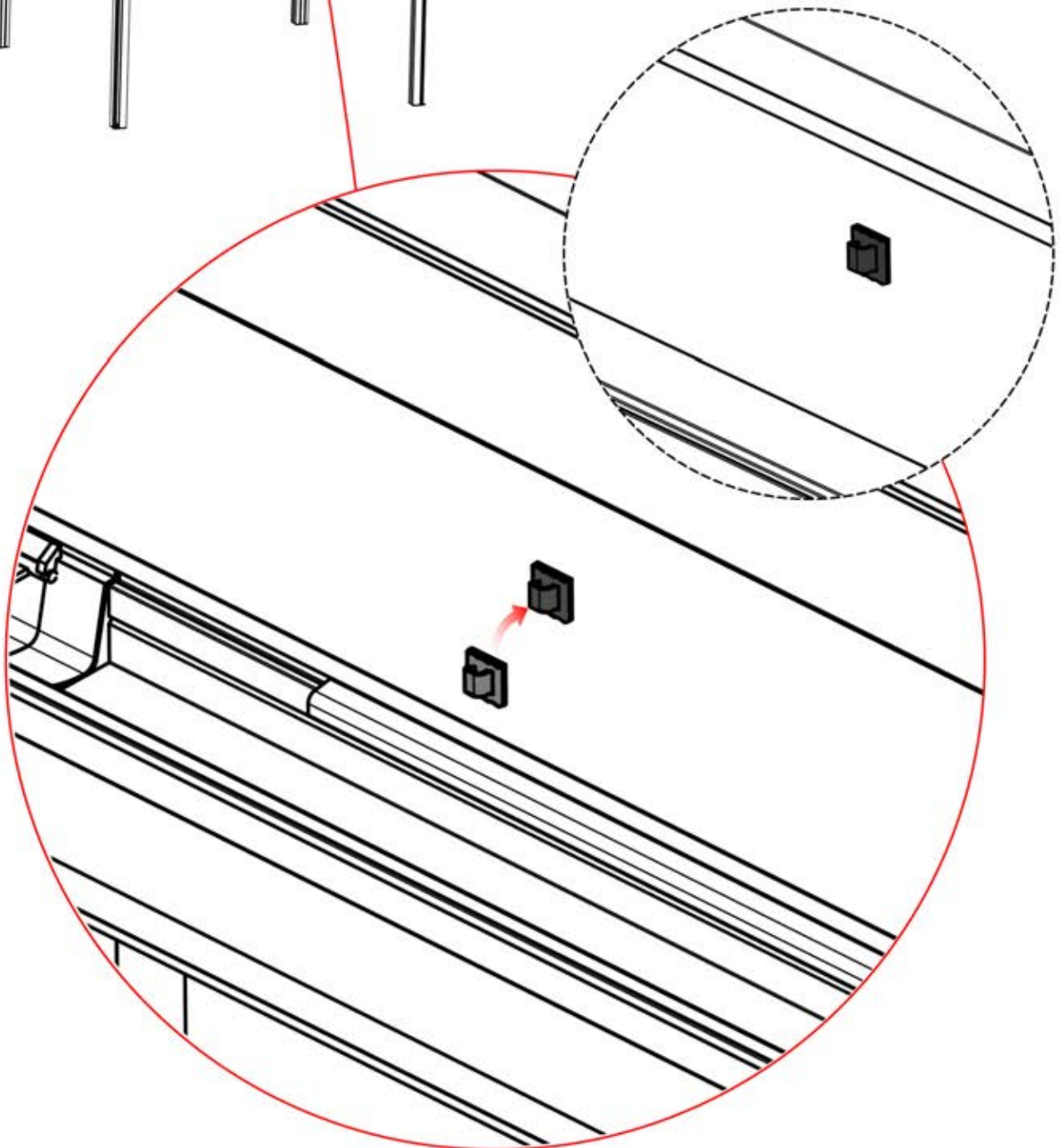
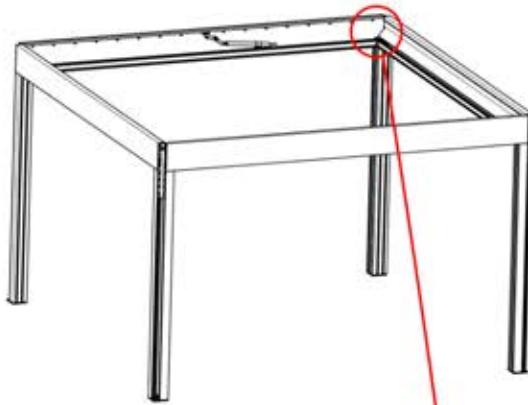
INFORMATION

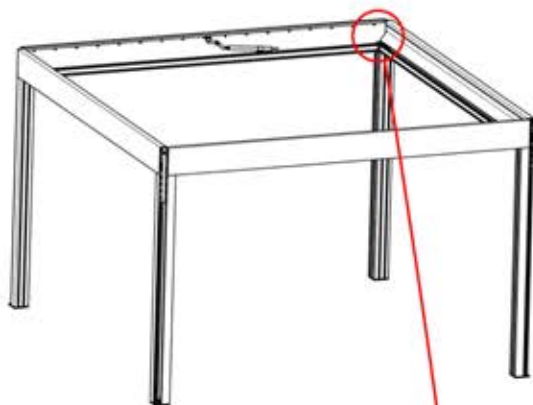


37

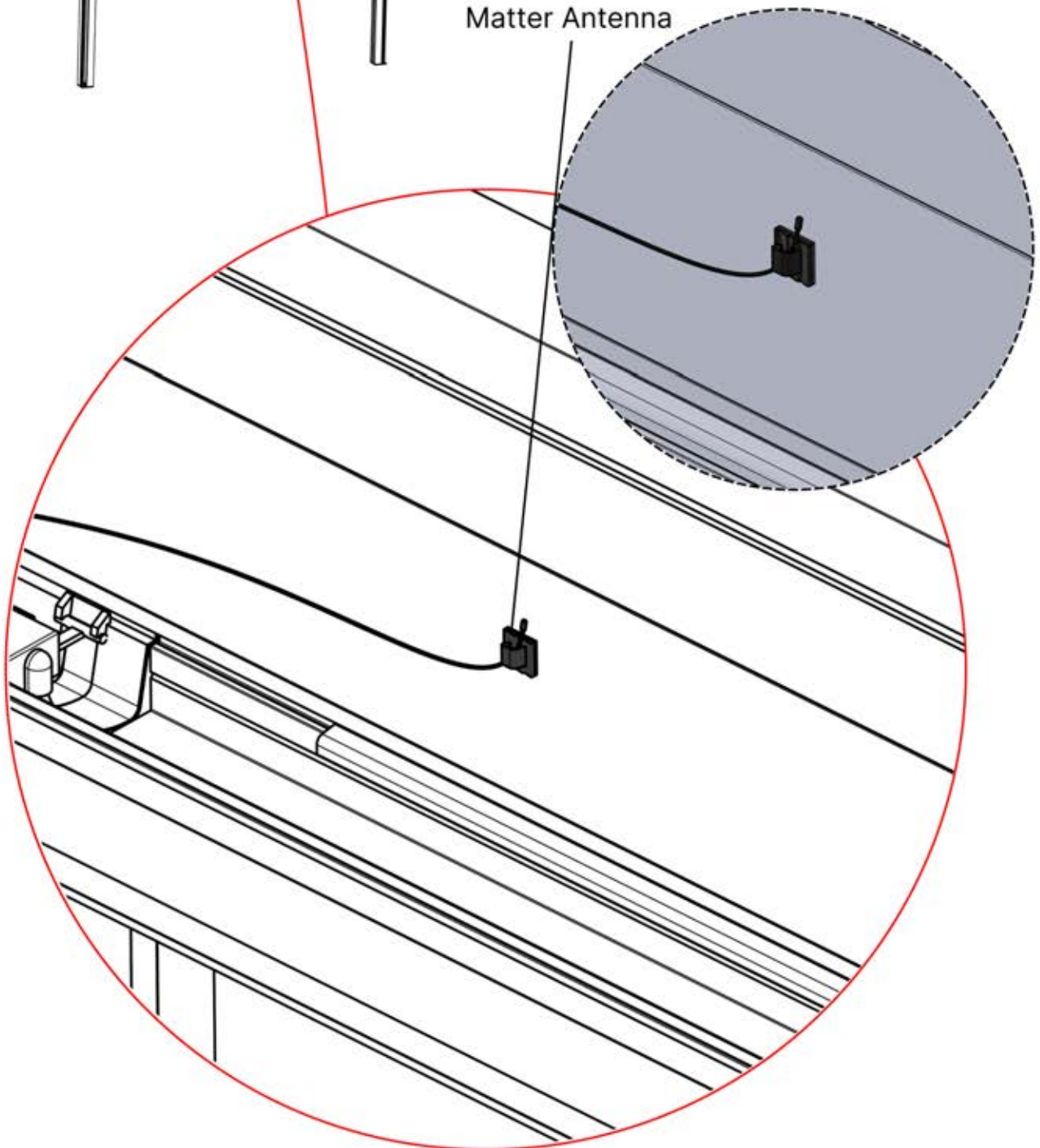


Matter Antenna
1x





Matter Antenna





PERGOLUX PRO MAX+ 4x4

PN-200002366

 4
 5
 6 **12x**



Standard = **(S)**



PN-200002364

 5 **4x**



LED = 



PN-200002362

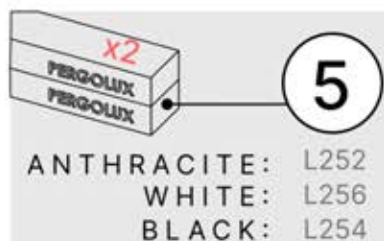
 4 **1x**



End = **(E)**

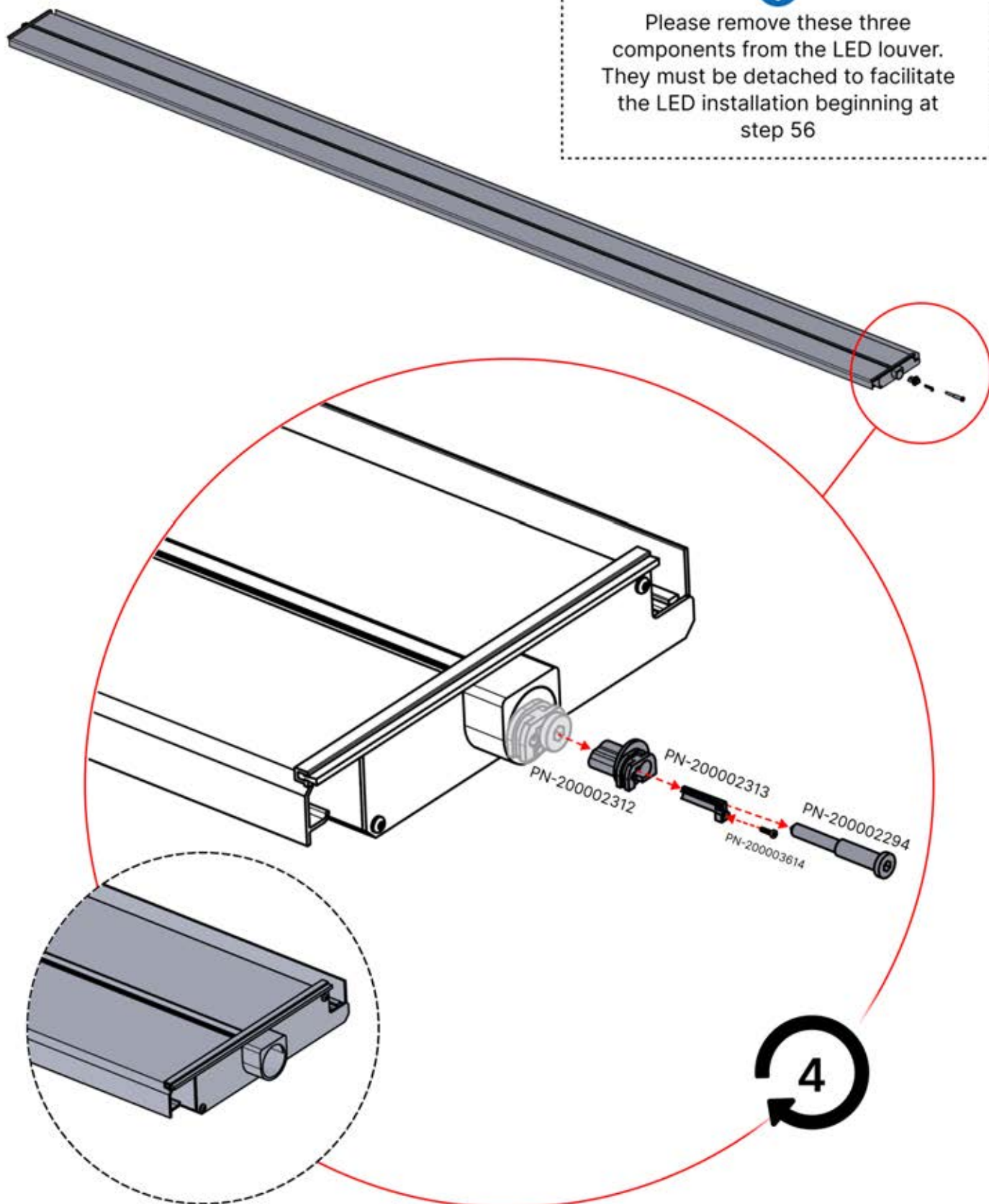


39

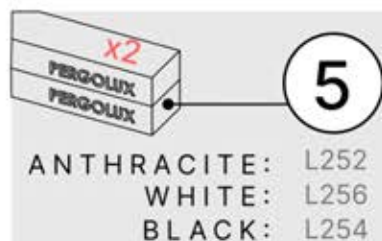


!

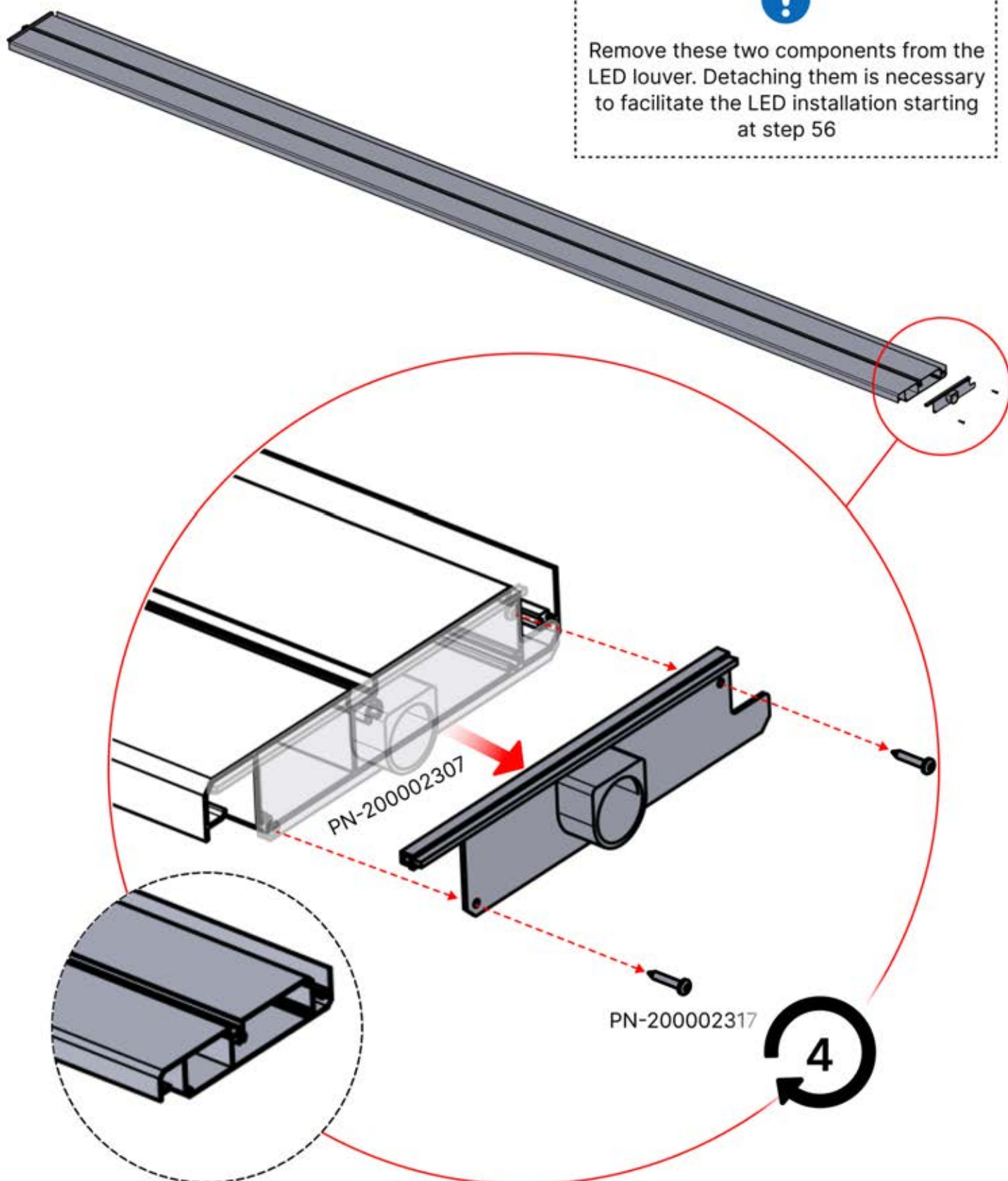
Please remove these three components from the LED louver. They must be detached to facilitate the LED installation beginning at step 56



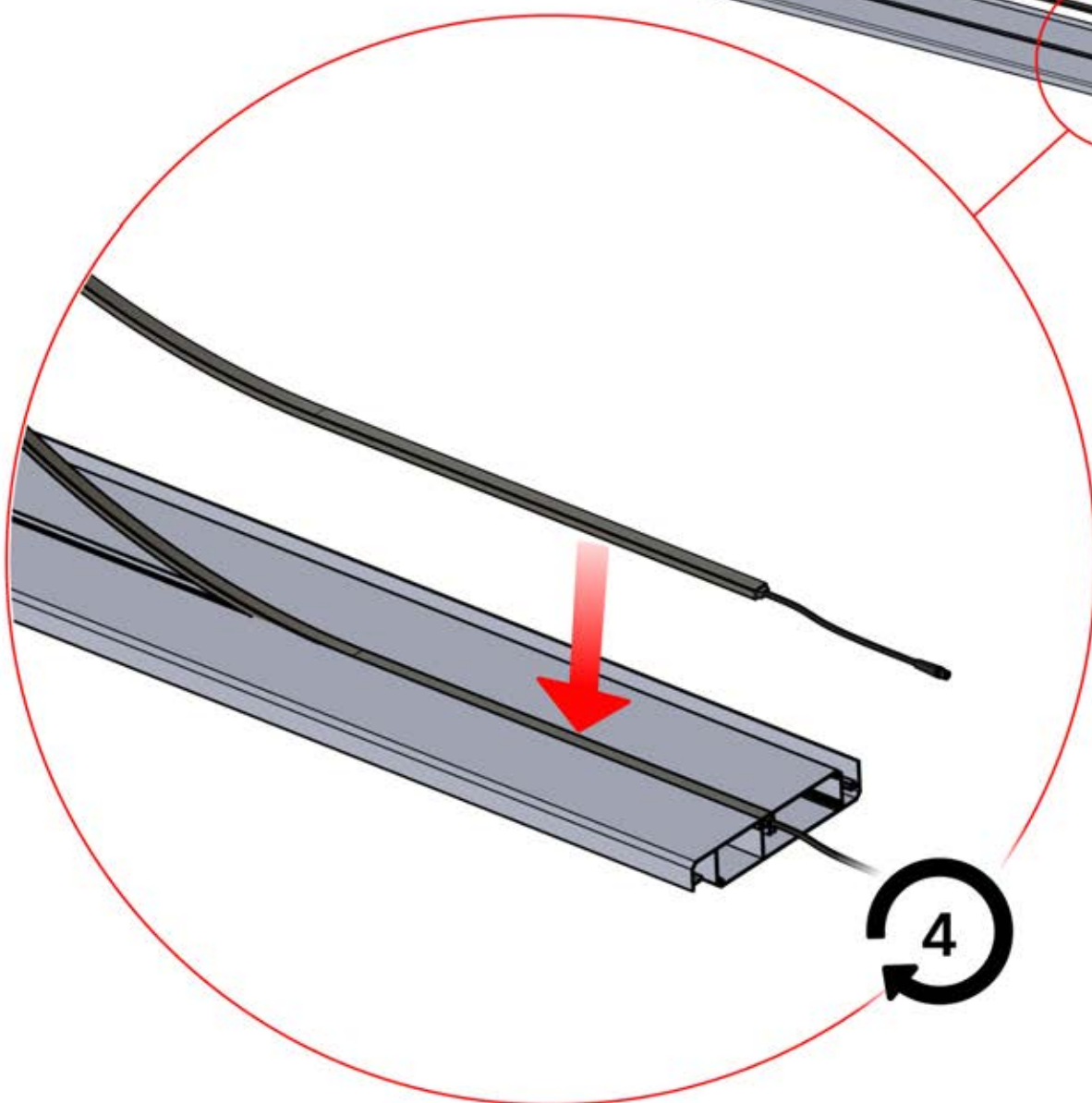
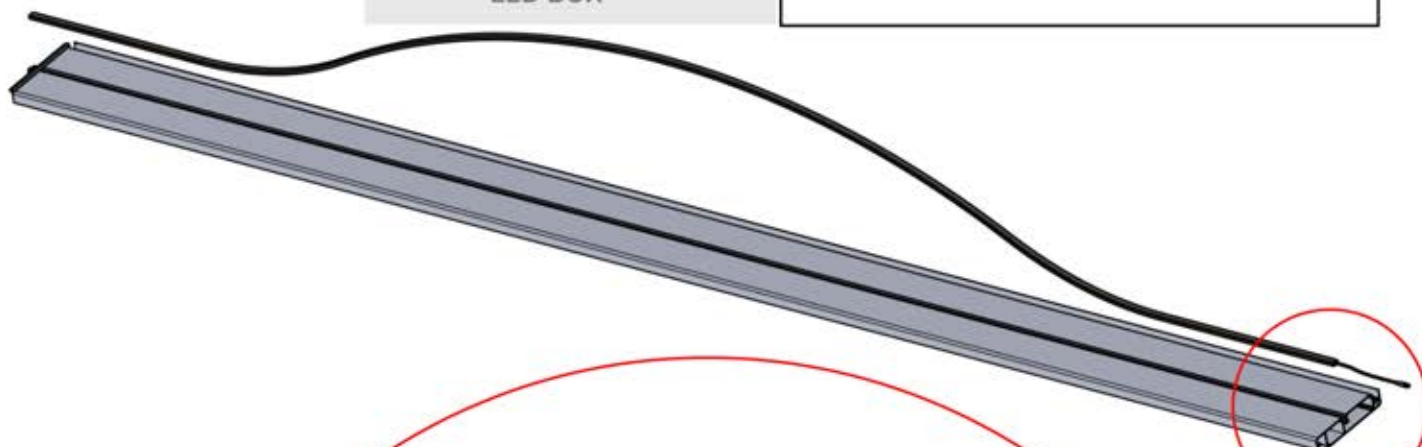
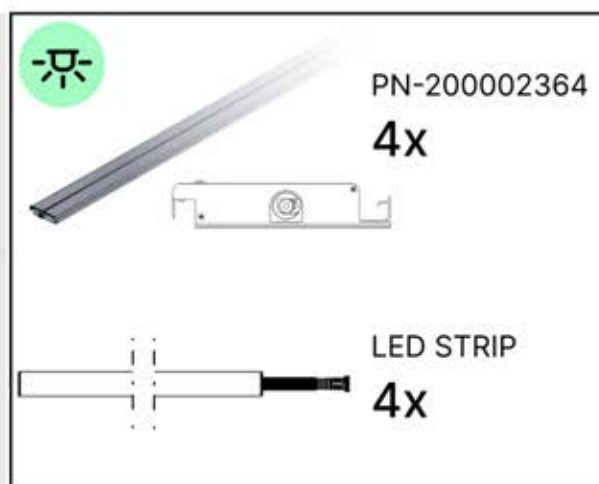
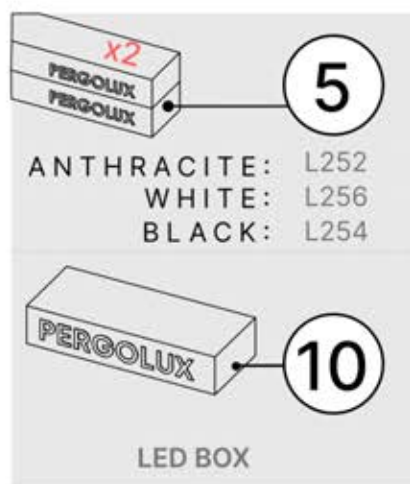
40



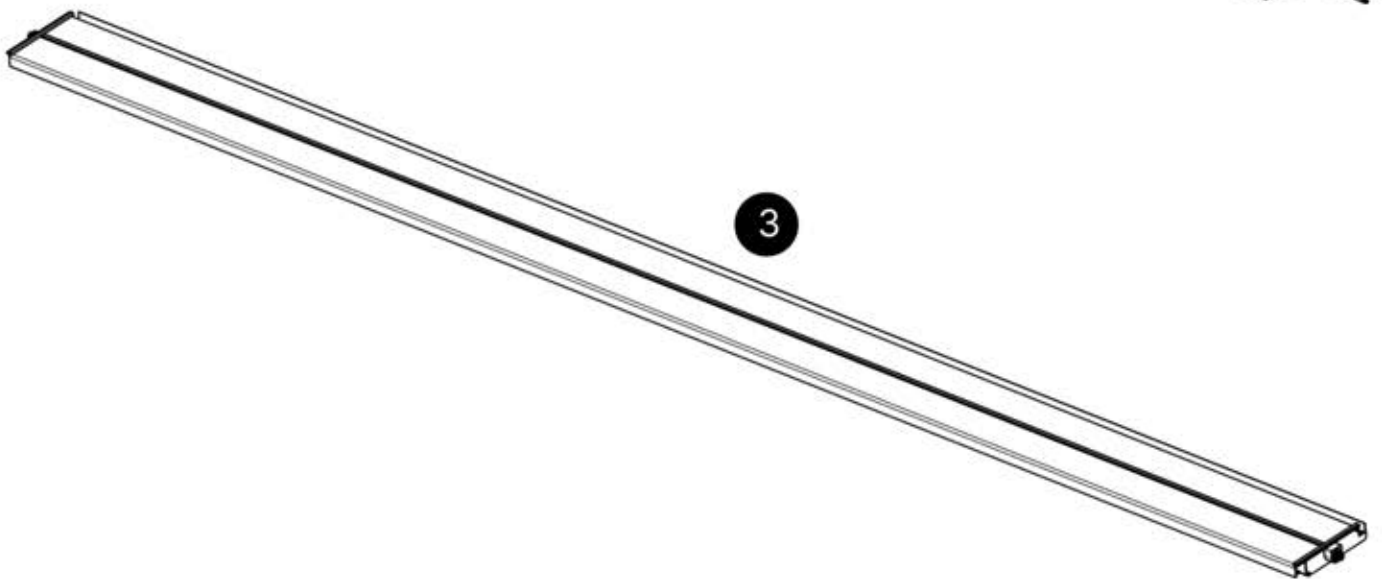
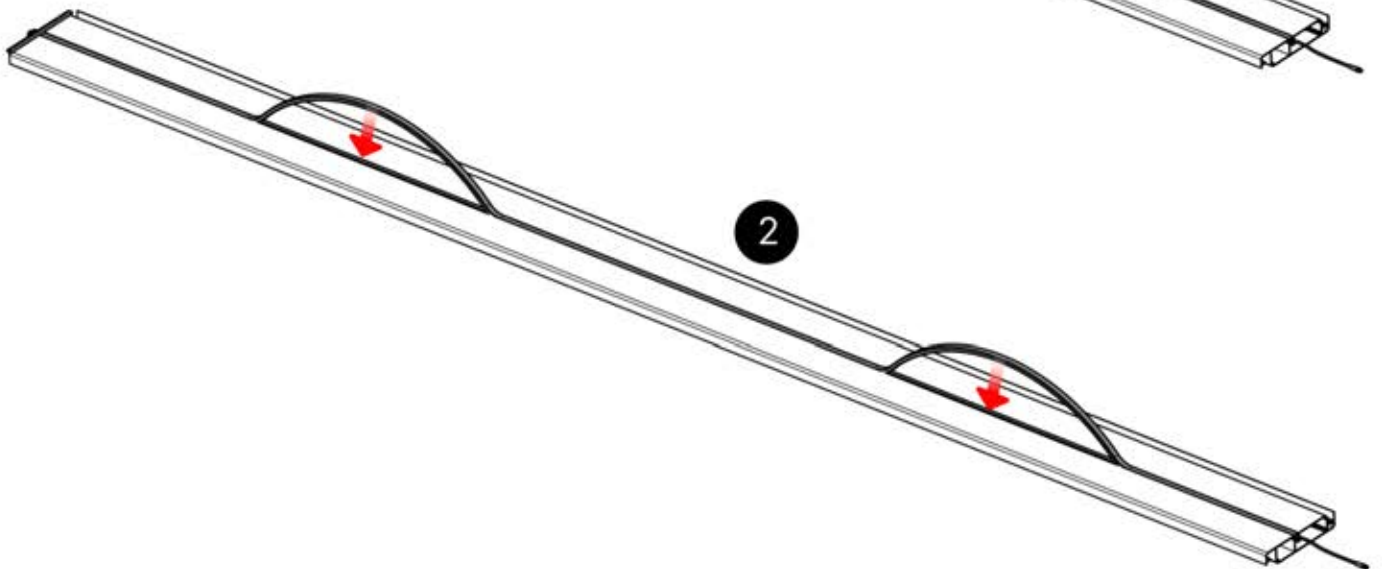
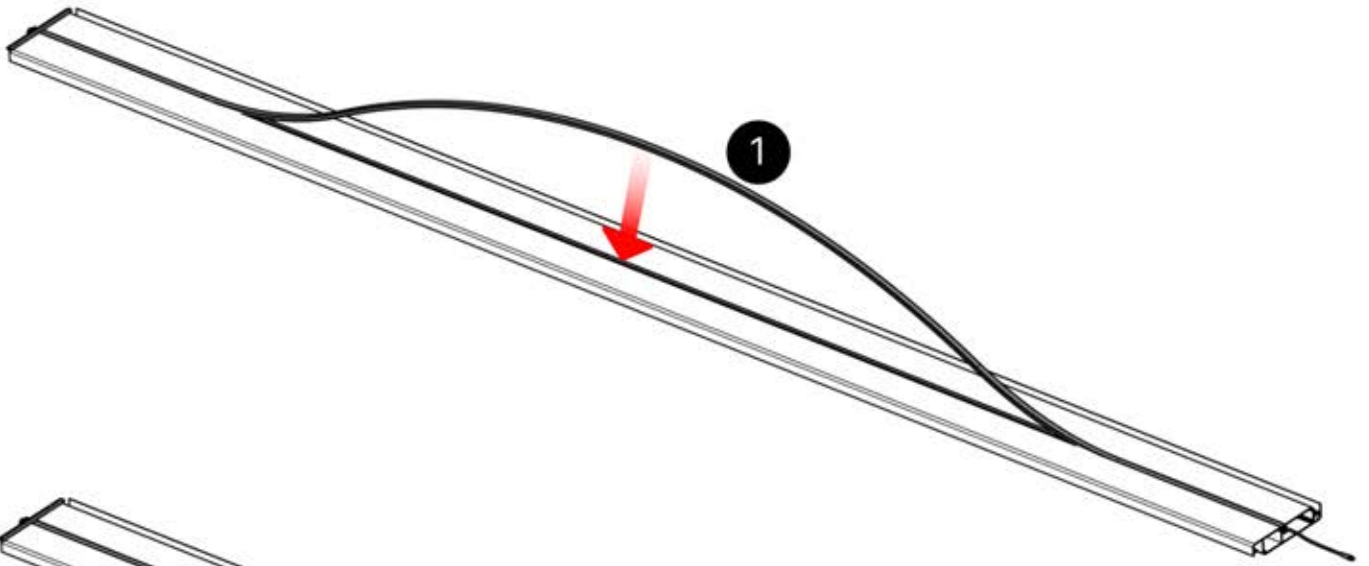
Remove these two components from the LED louver. Detaching them is necessary to facilitate the LED installation starting at step 56



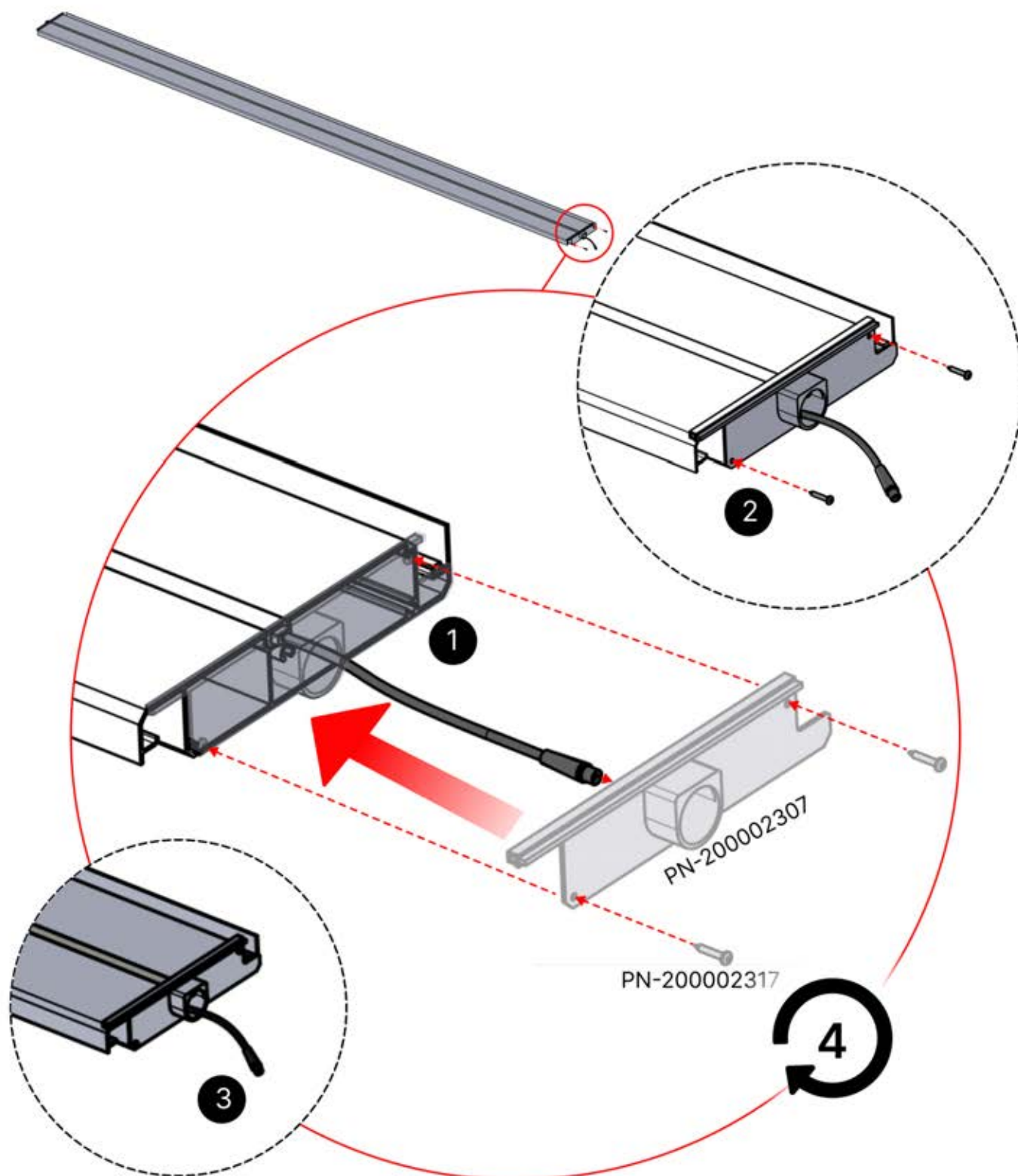
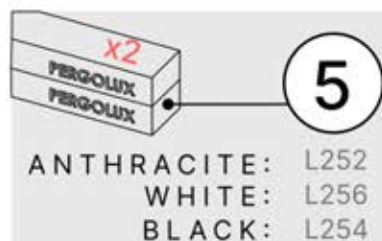
41



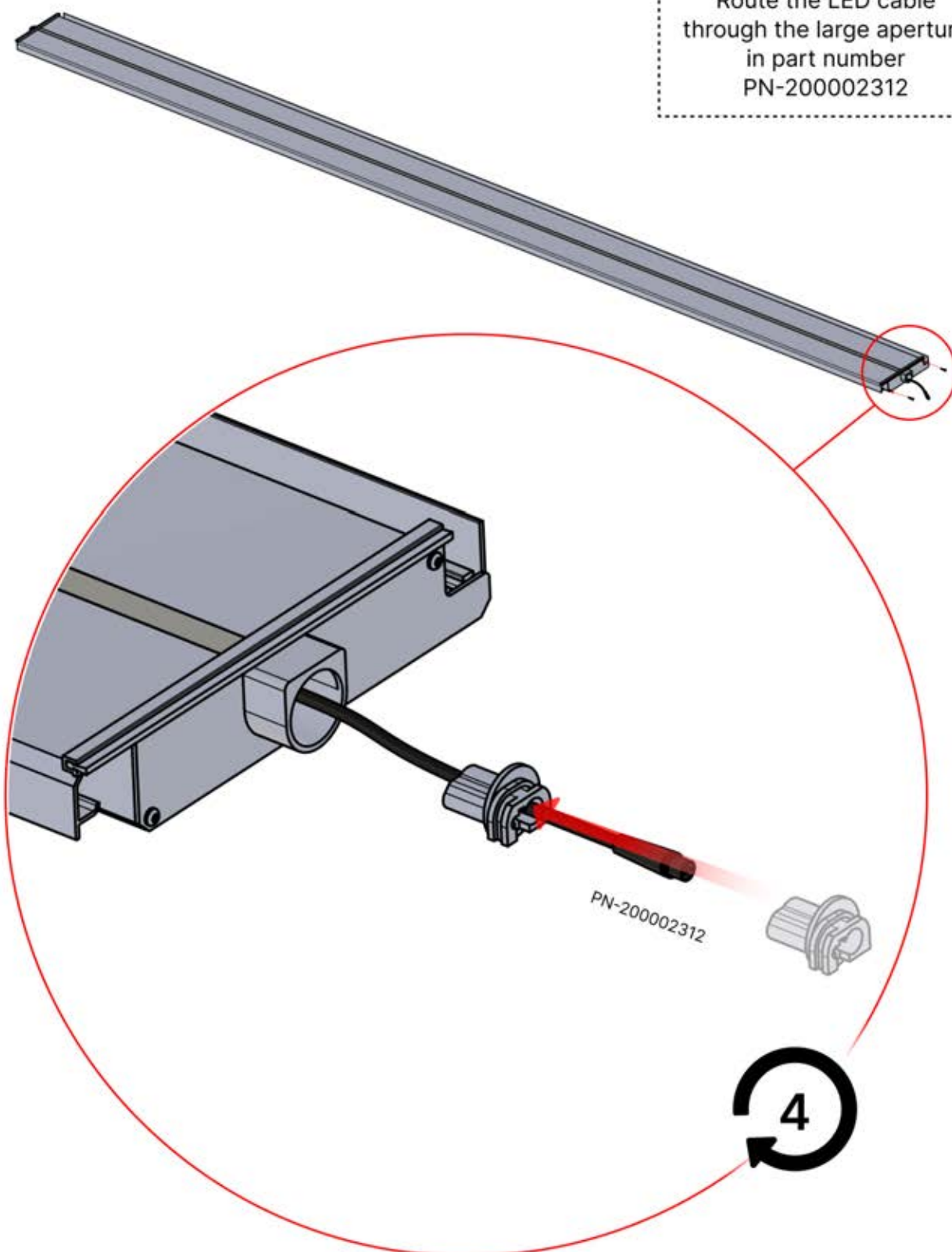
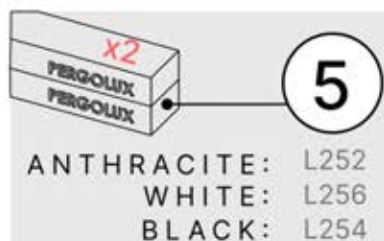
42



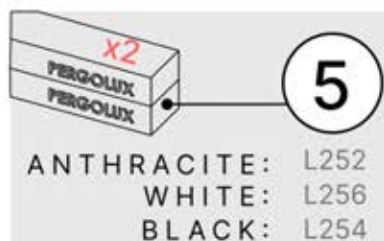
43



44

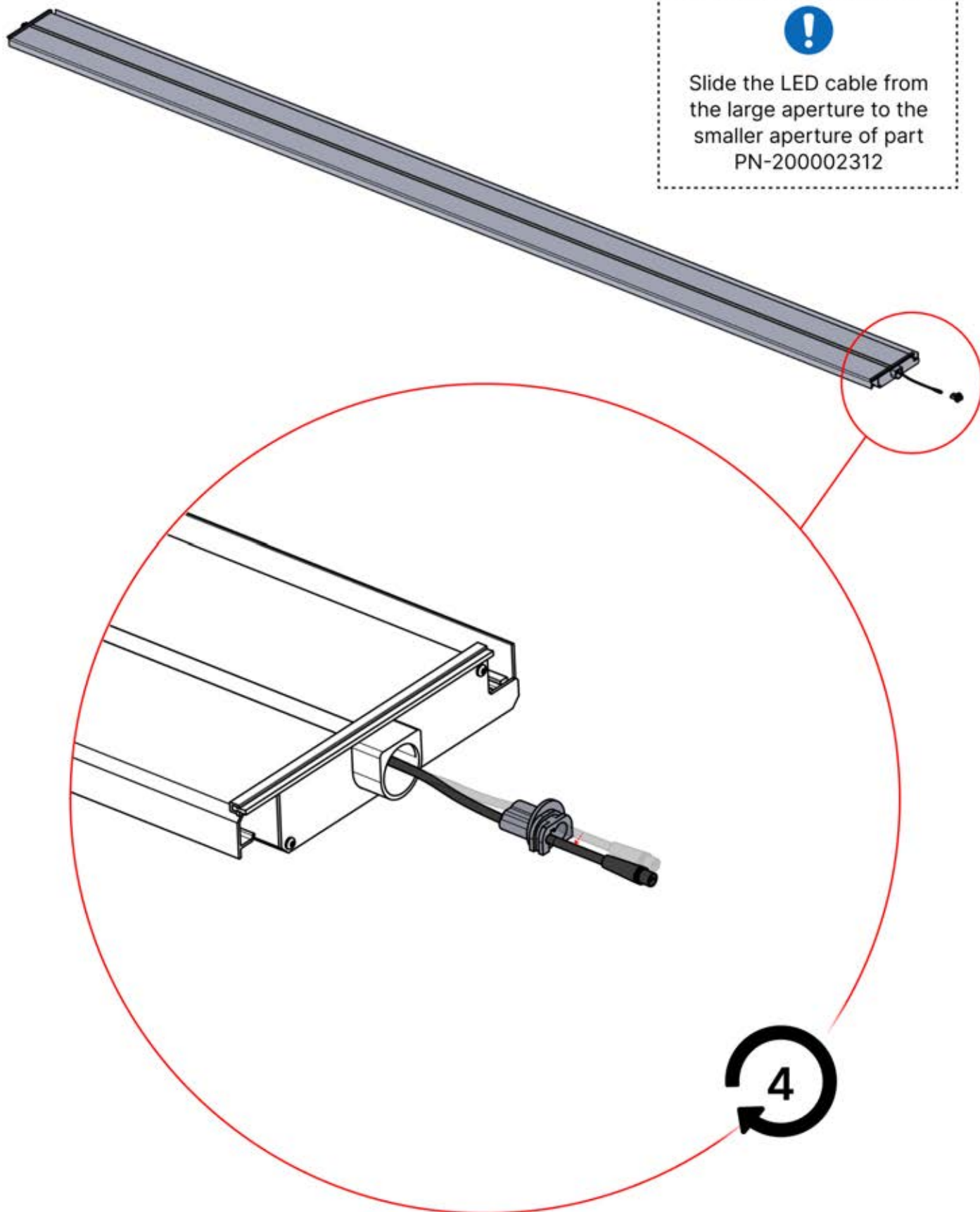


45

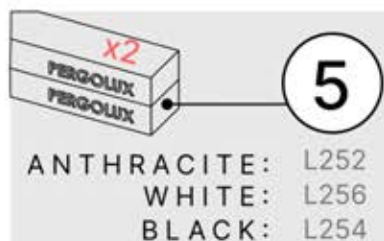


!

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

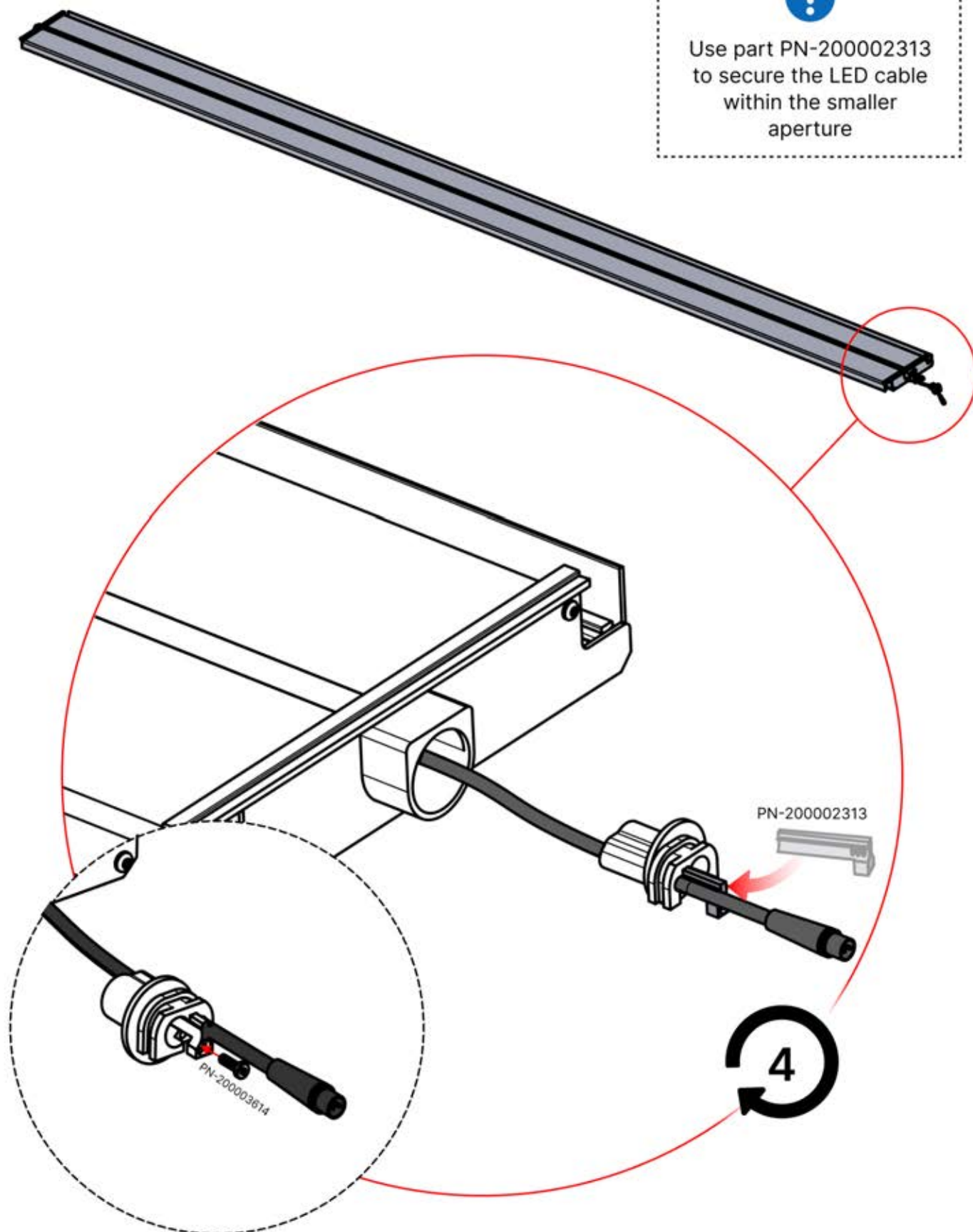


46

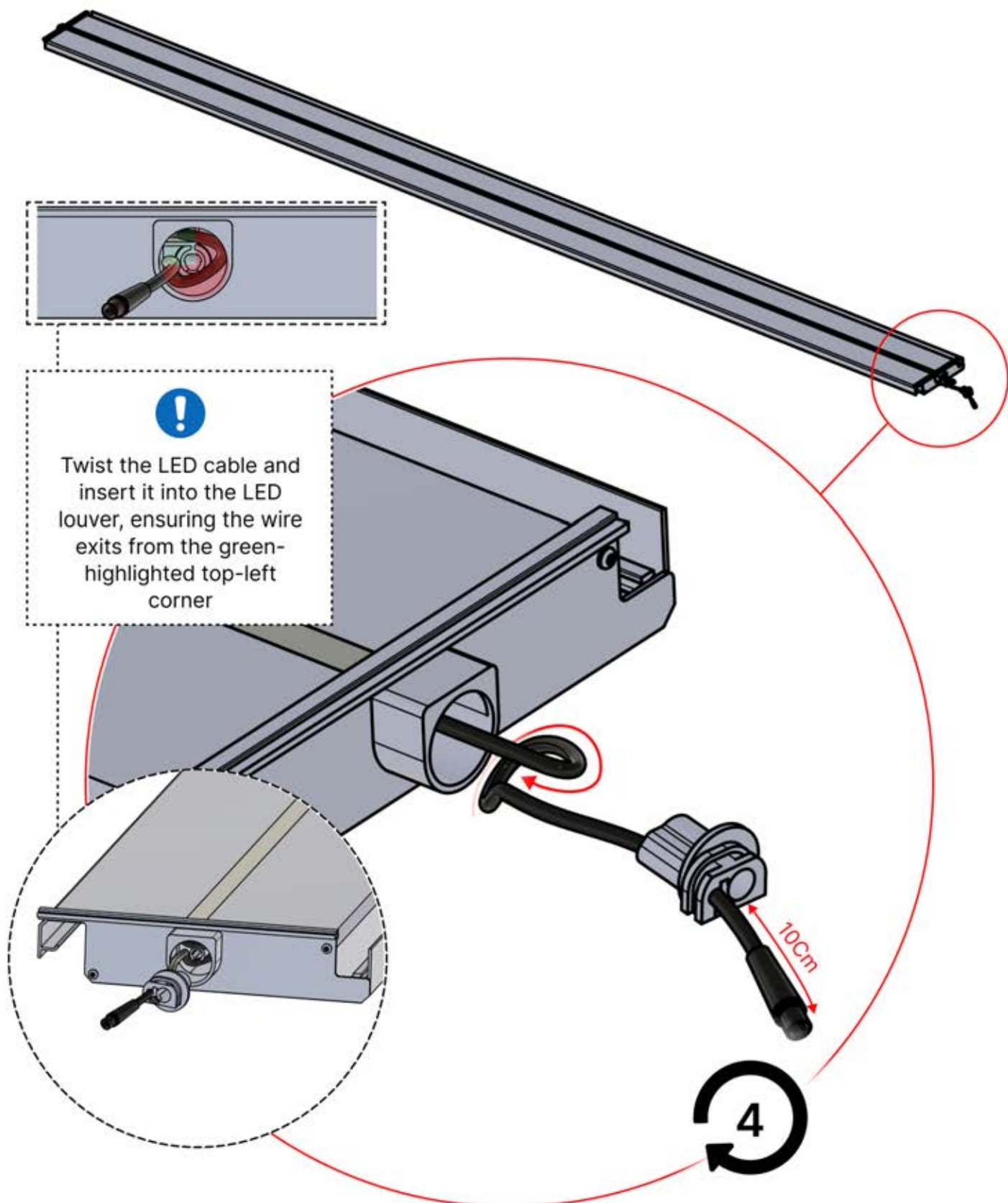
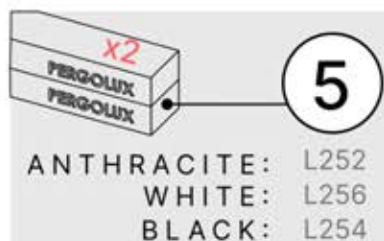


!

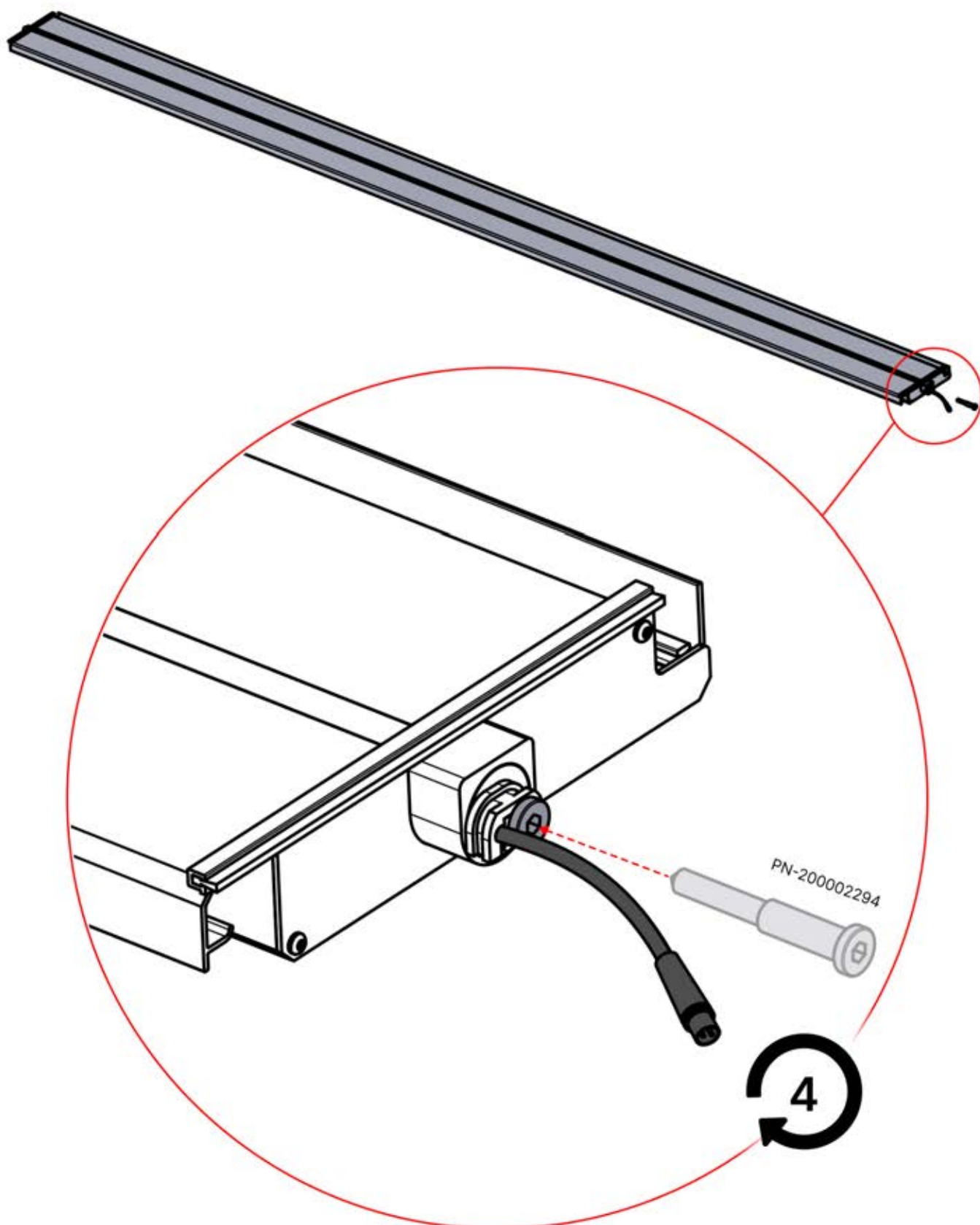
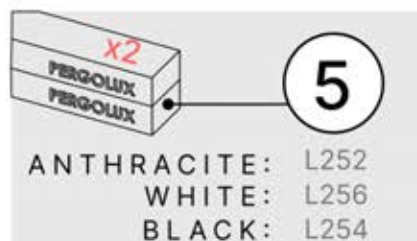
Use part PN-200002313 to secure the LED cable within the smaller aperture



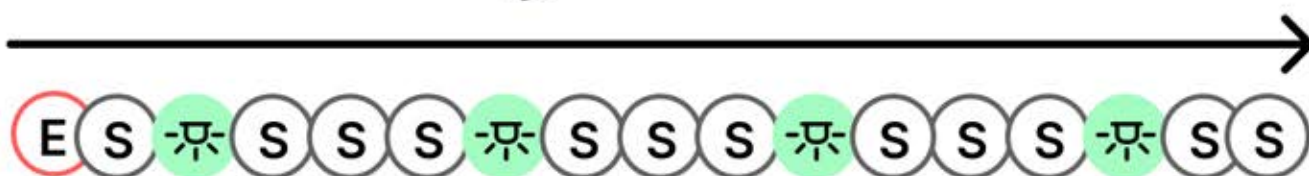
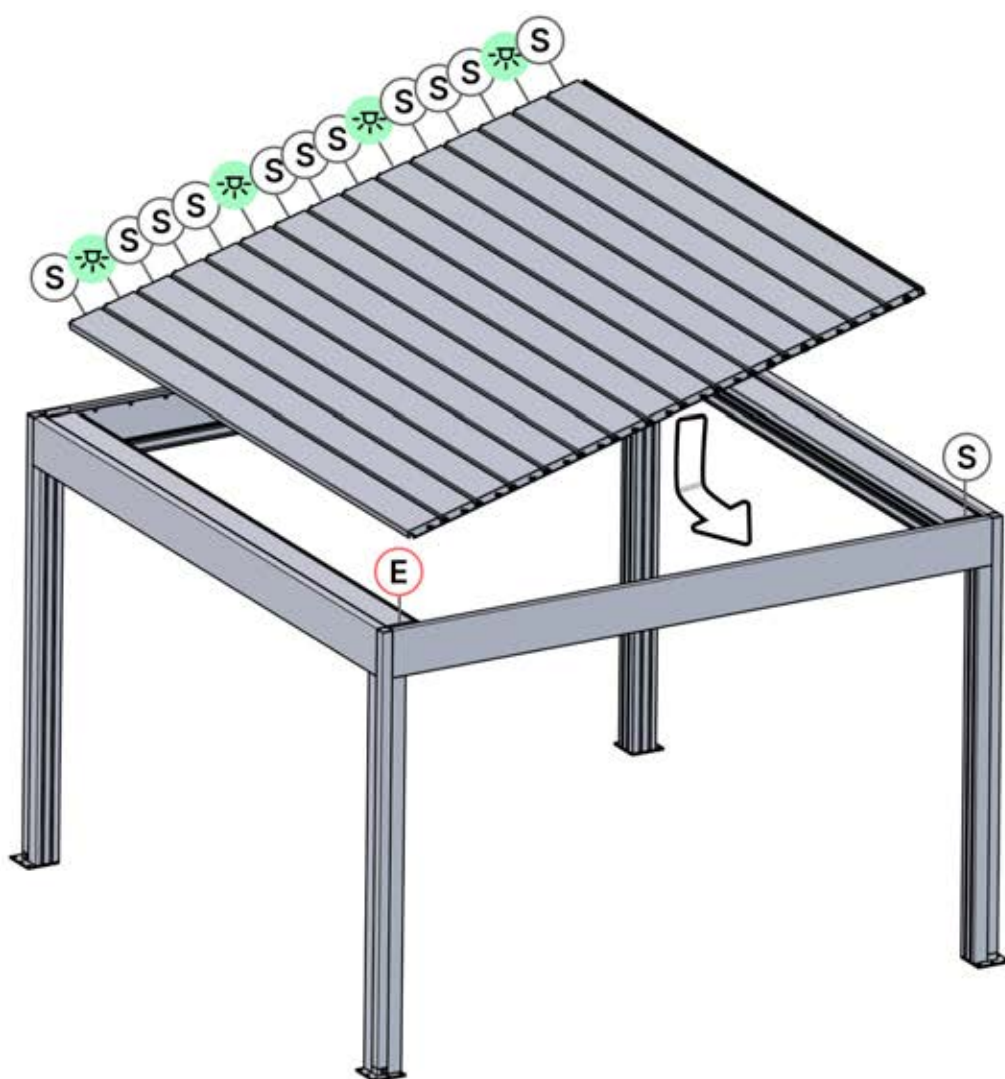
47



48



49



50



4

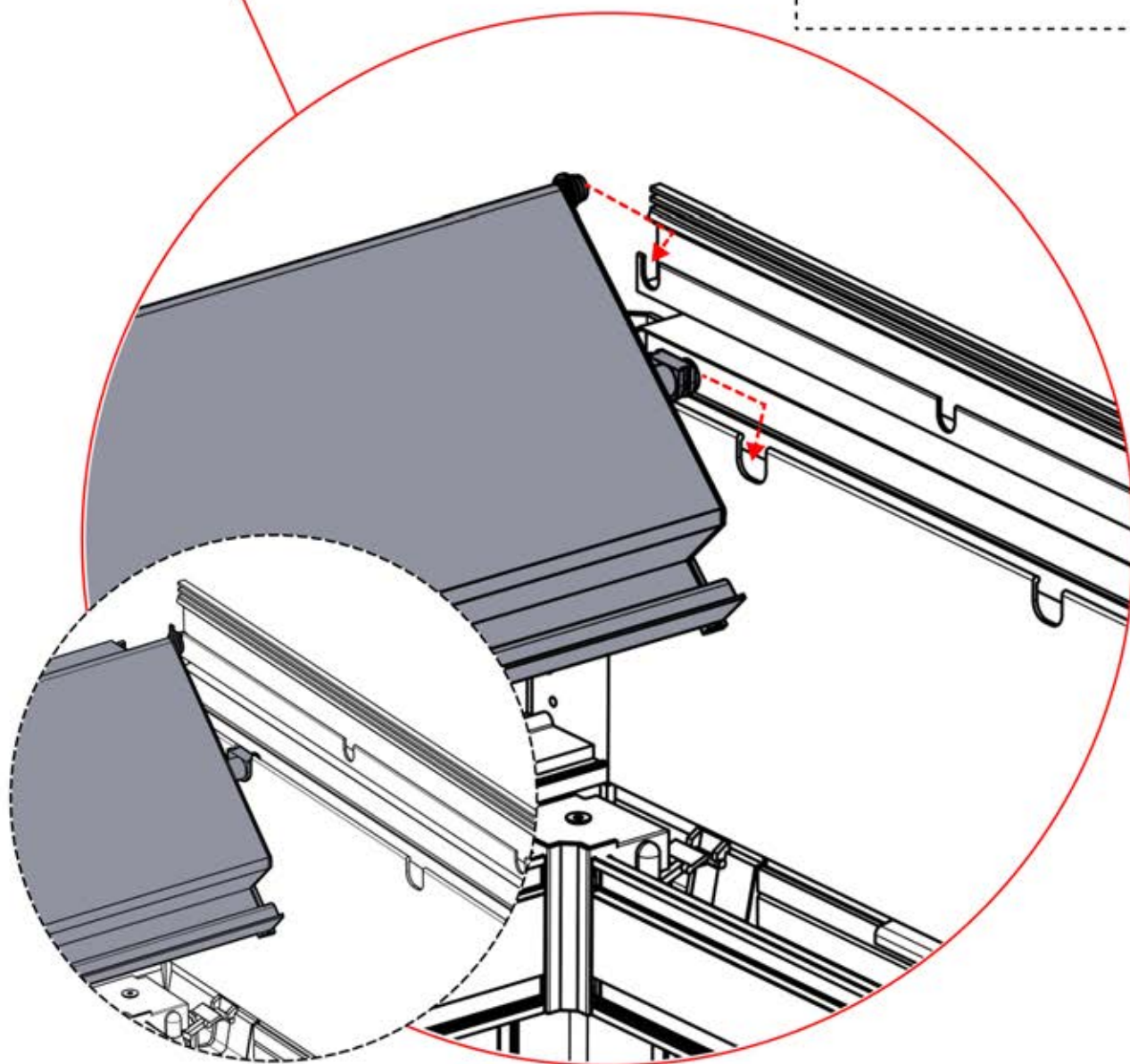
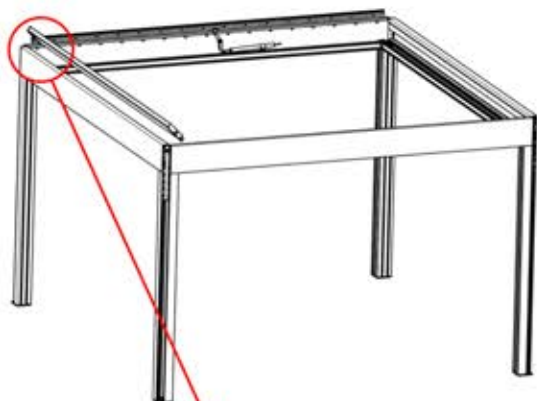
ANTHRACITE: L264
WHITE: L268
BLACK: L266

E



PN-200002362

1x



51



4

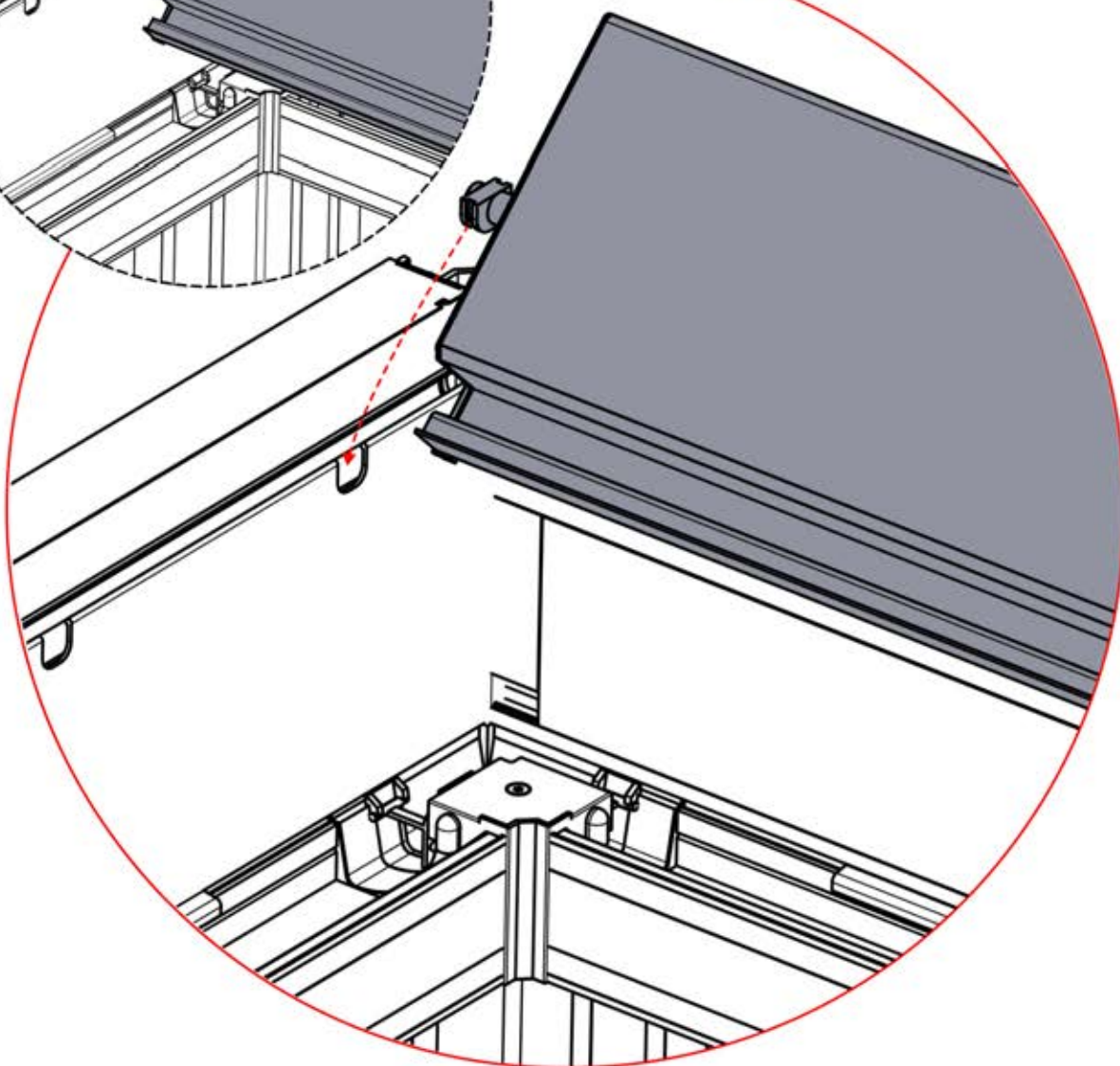
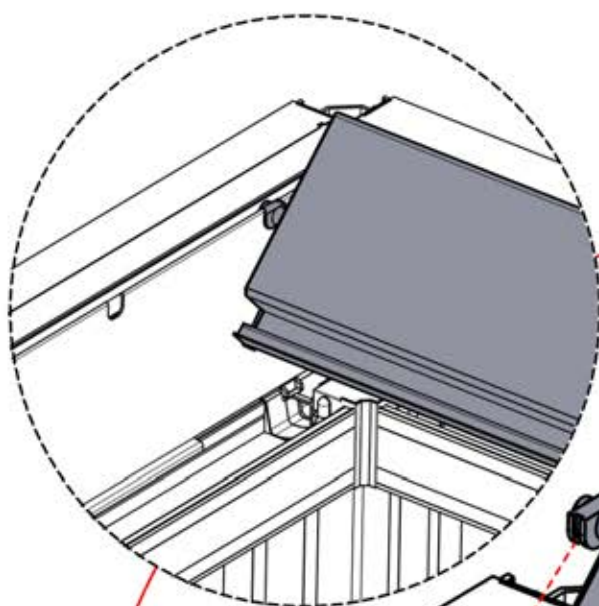
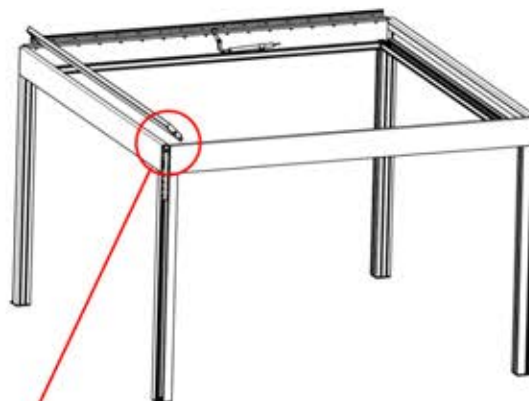
ANTHRACITE: L264
WHITE: L268
BLACK: L266

E

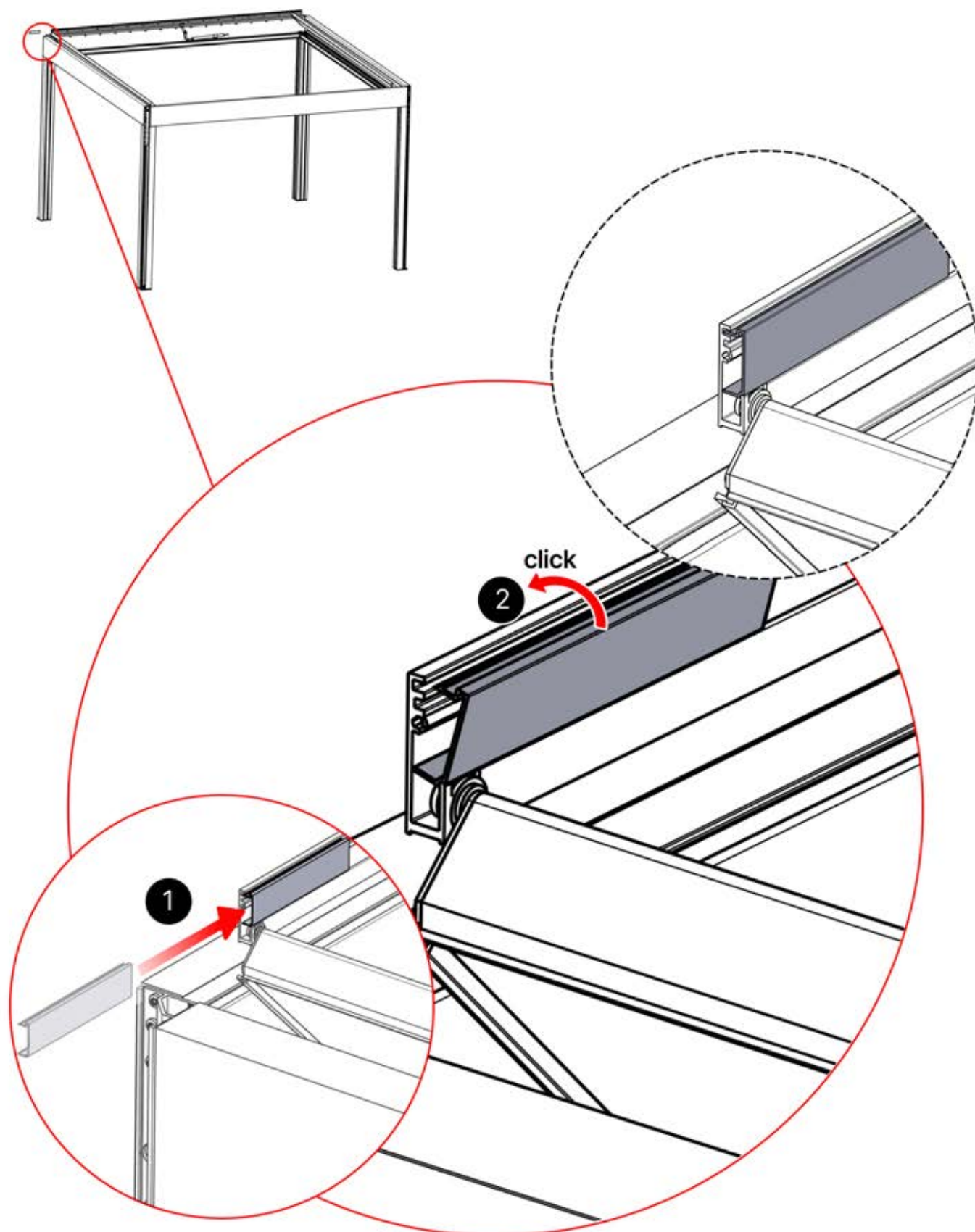
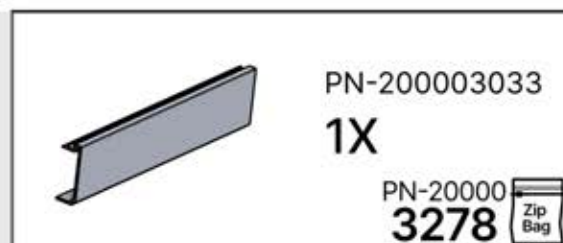
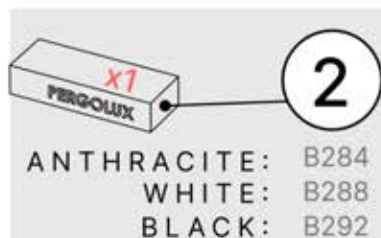


PN-200002362

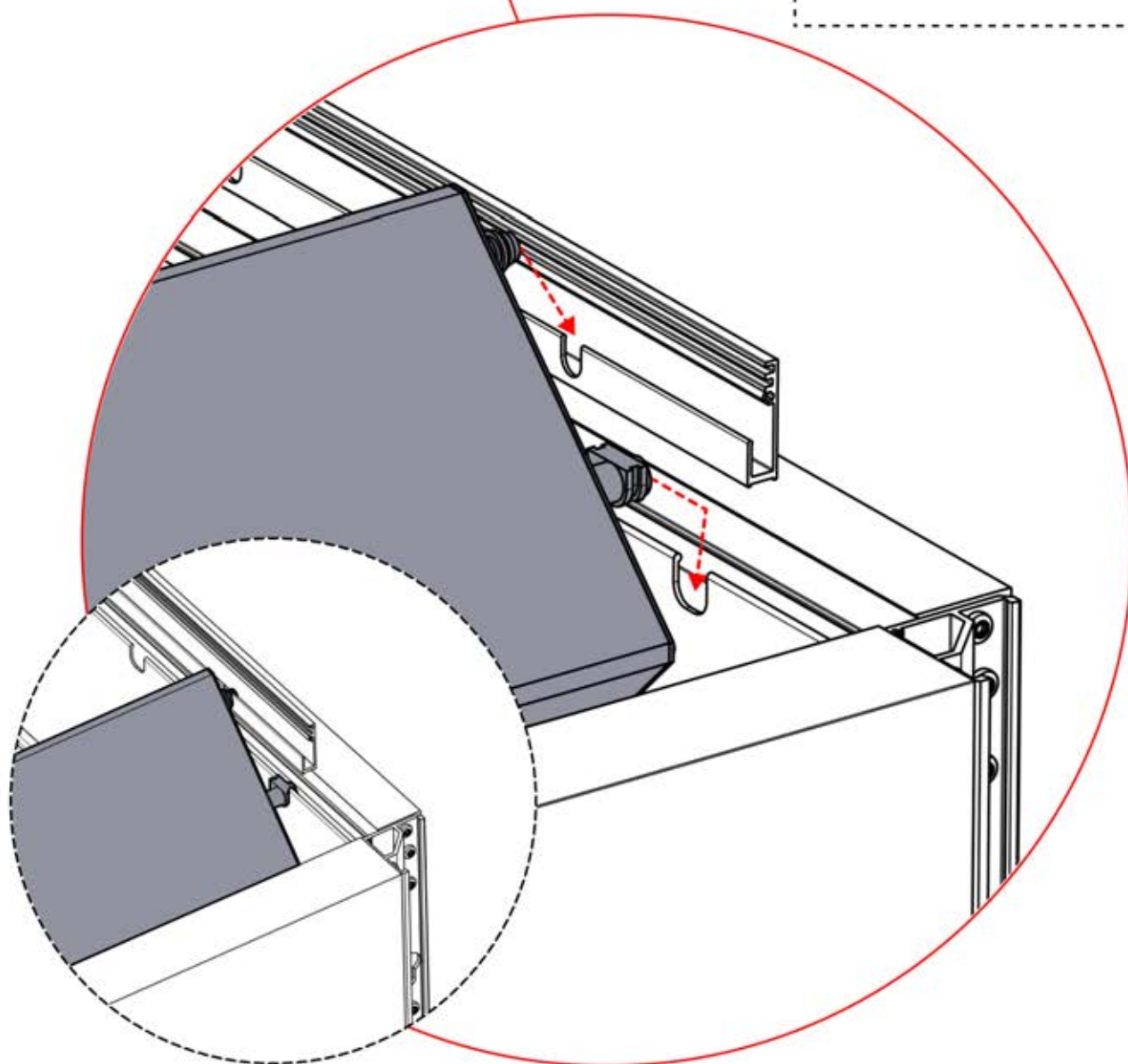
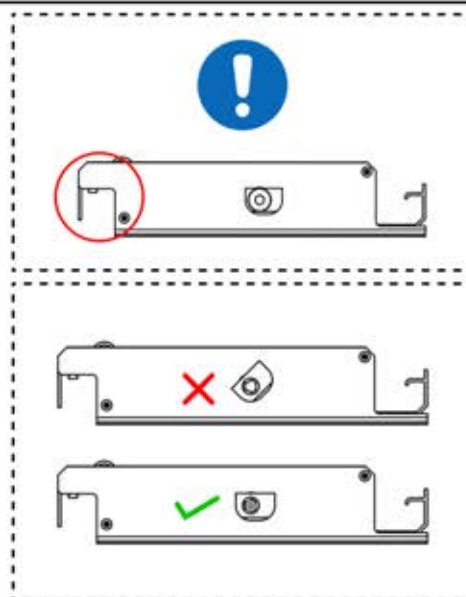
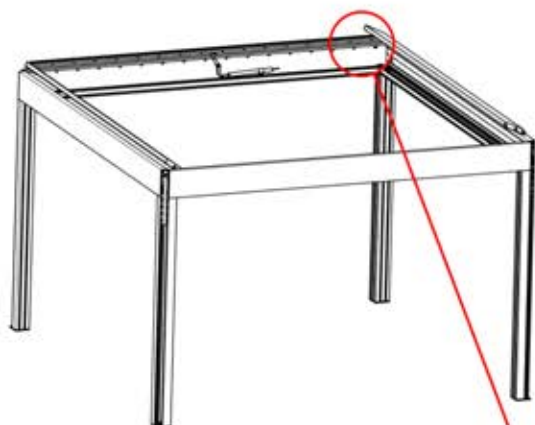
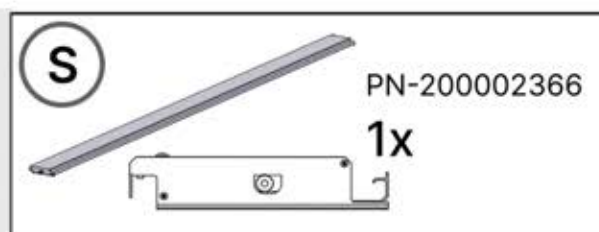
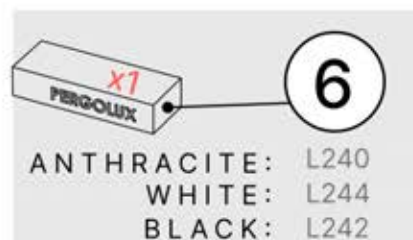
1x



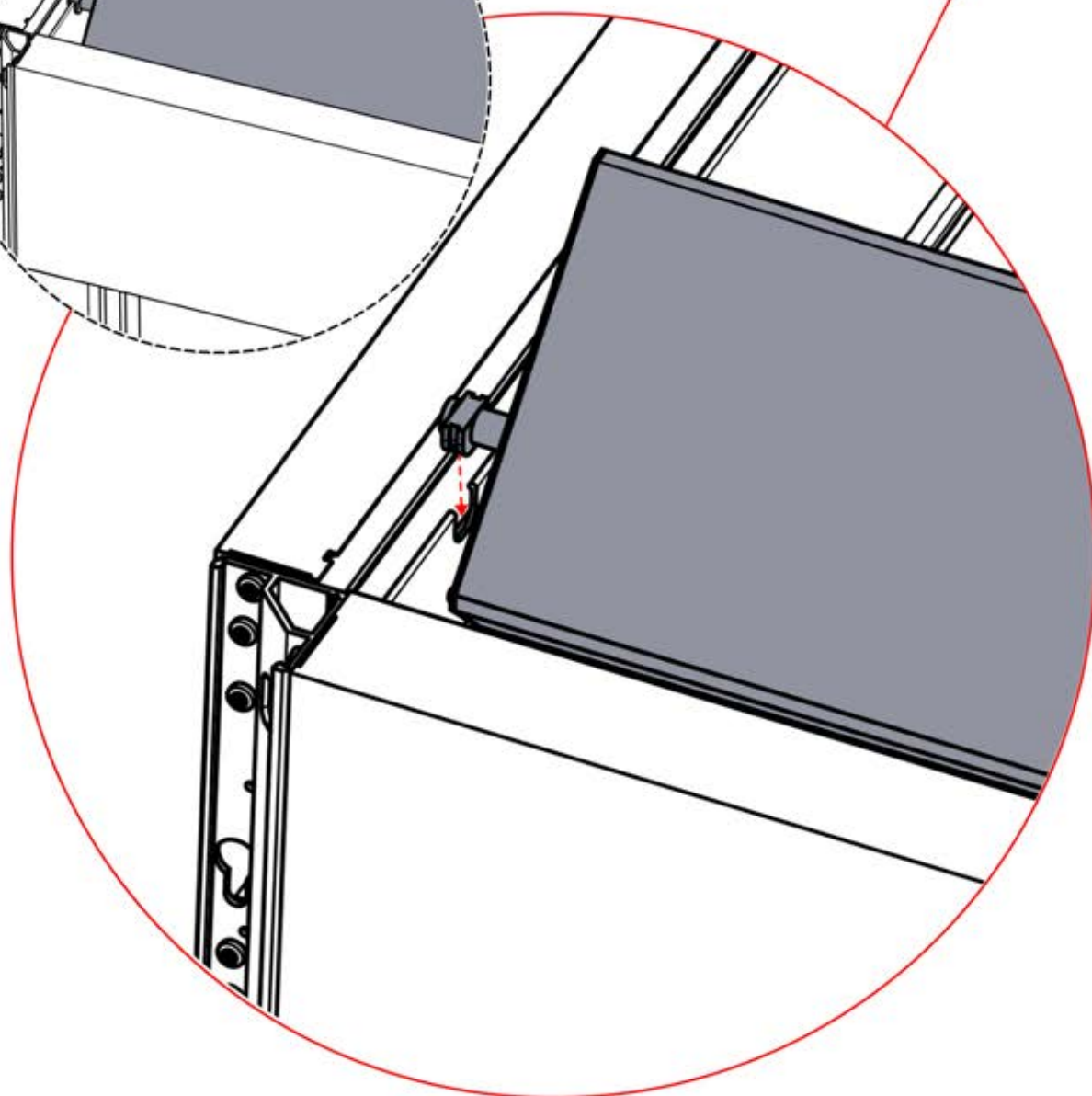
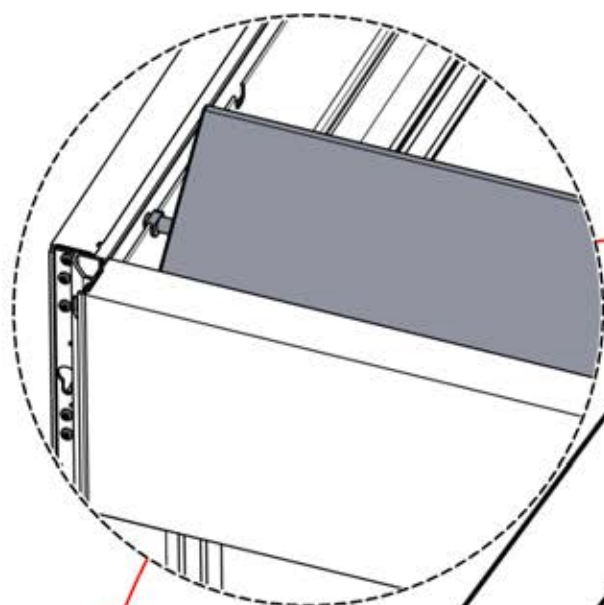
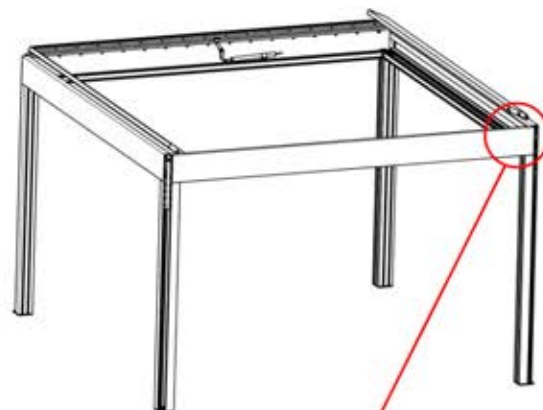
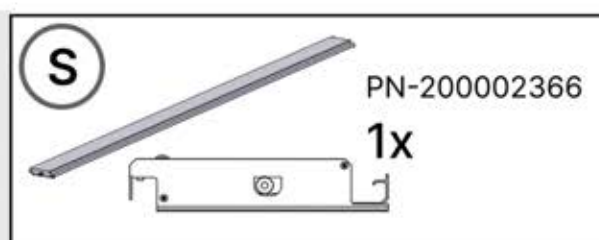
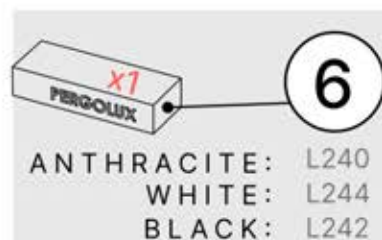
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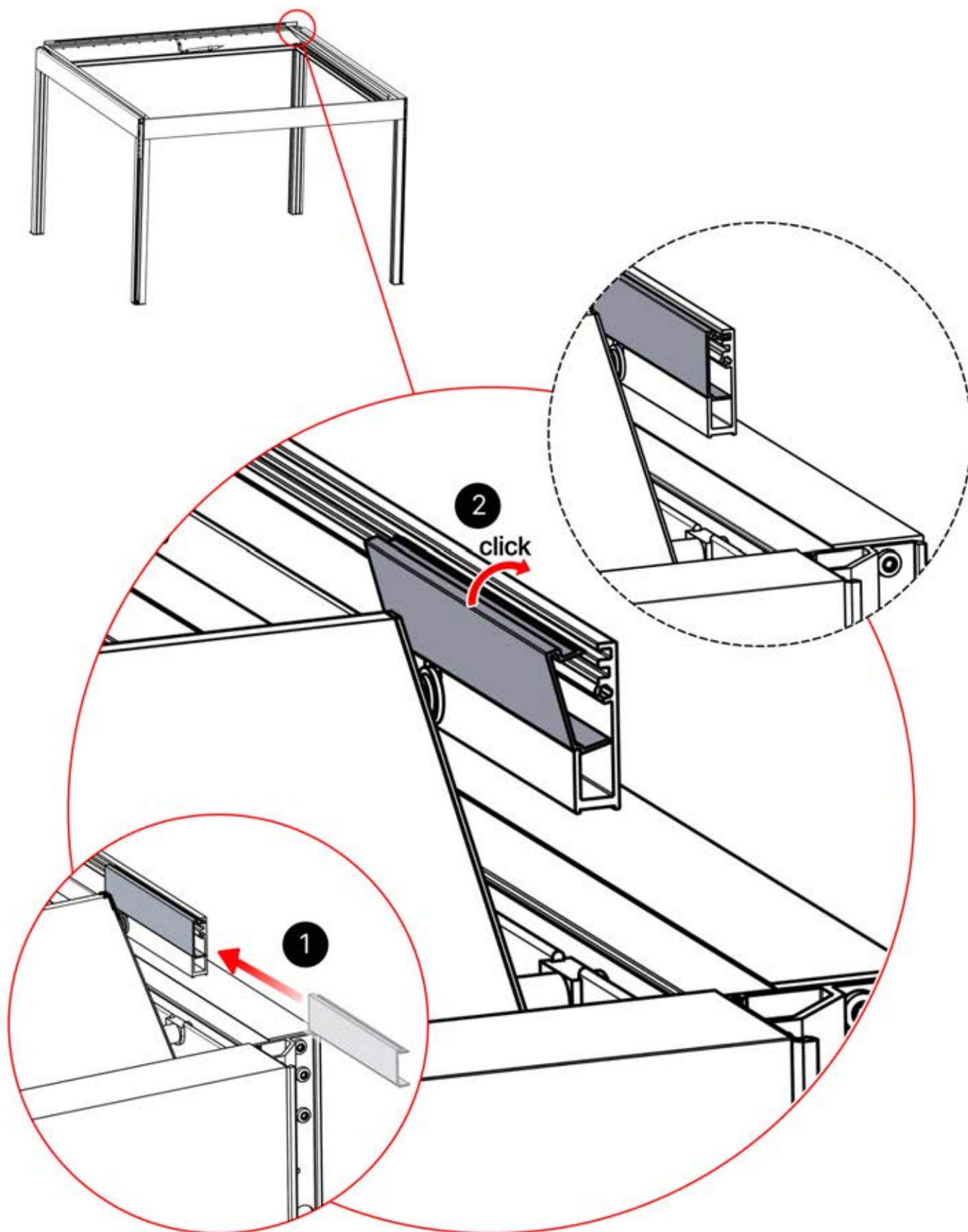
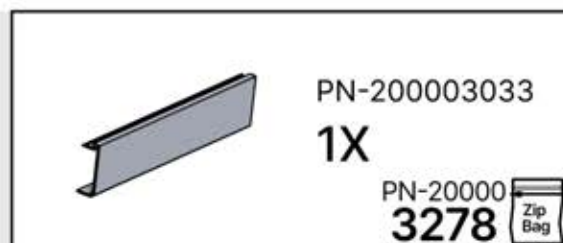
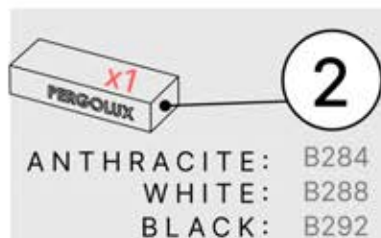
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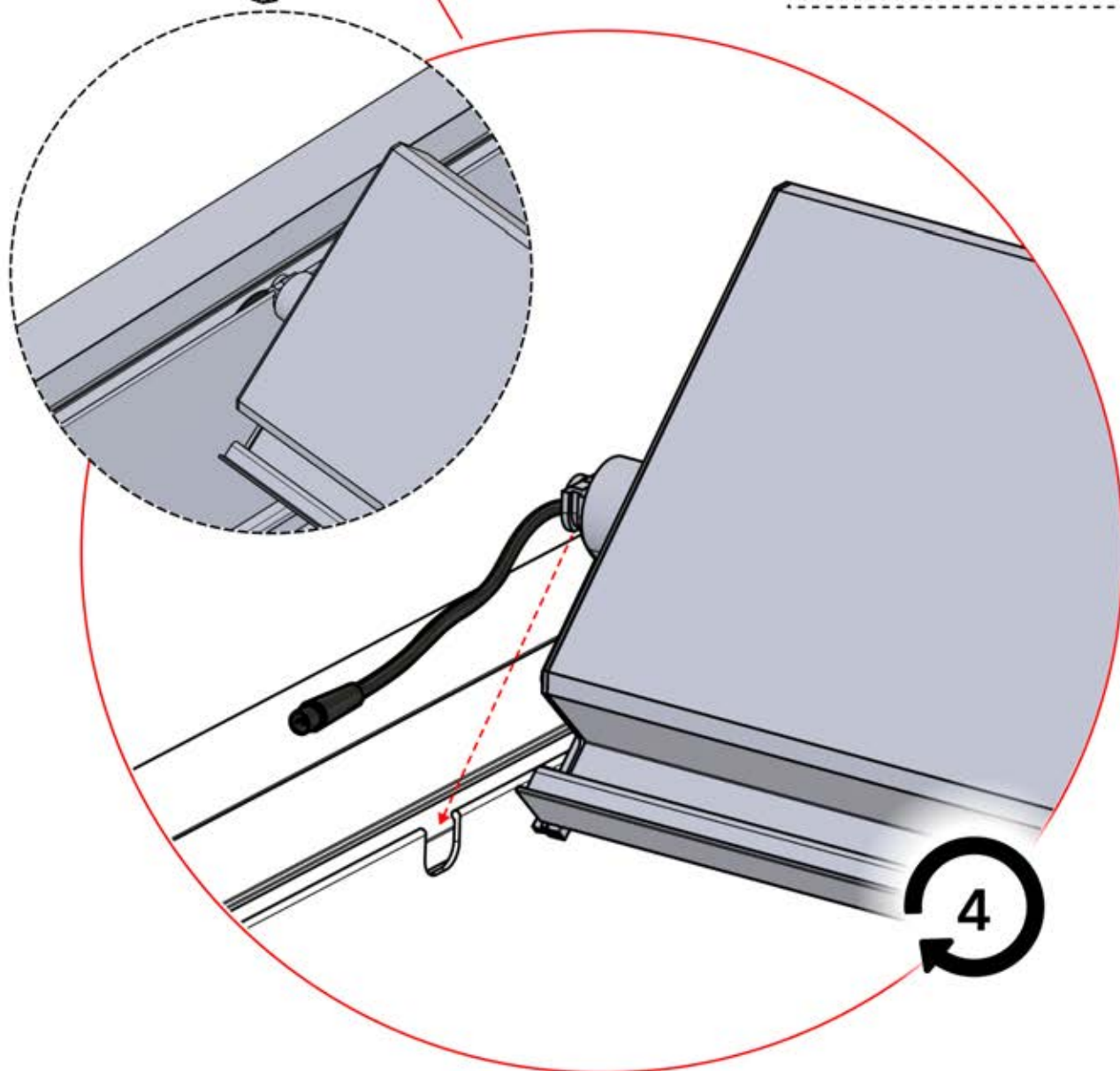
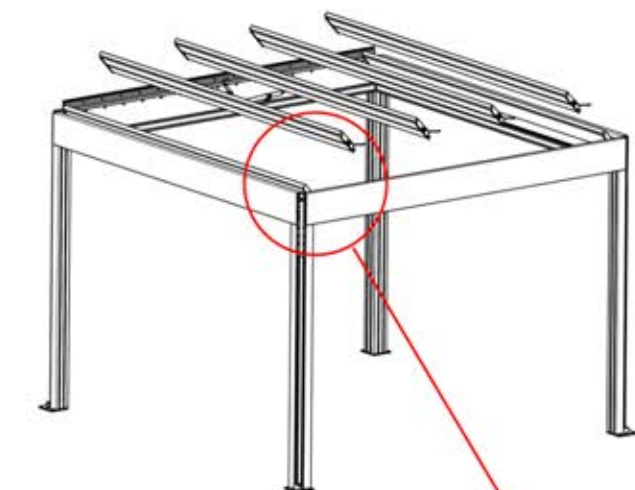
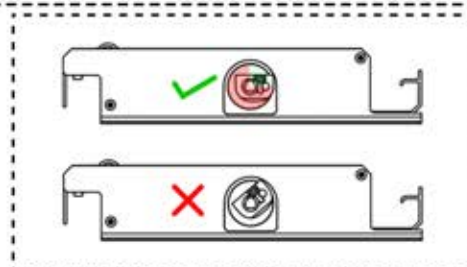
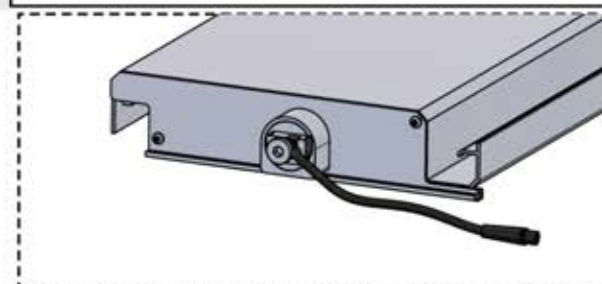
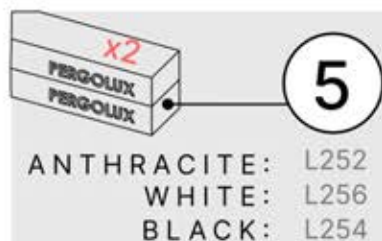
54

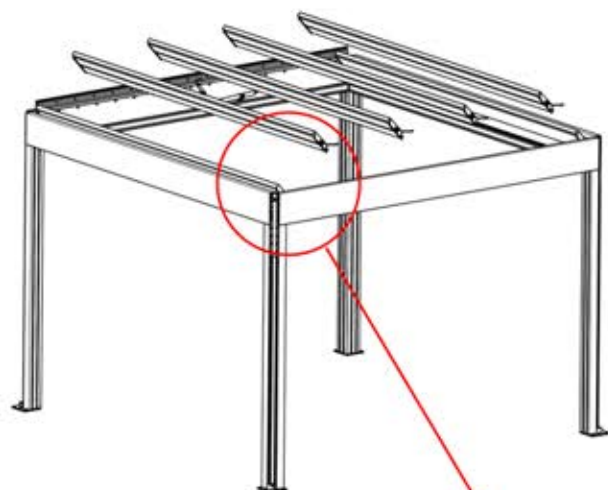


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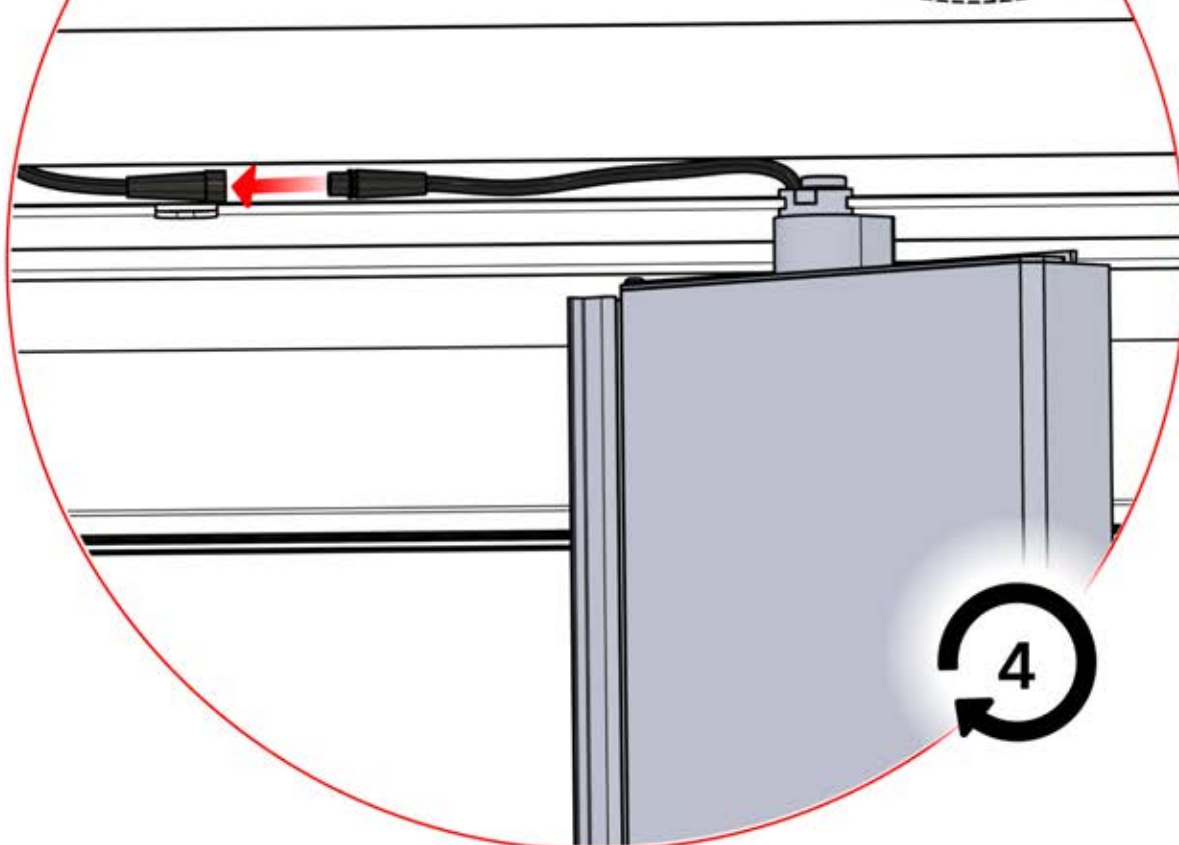
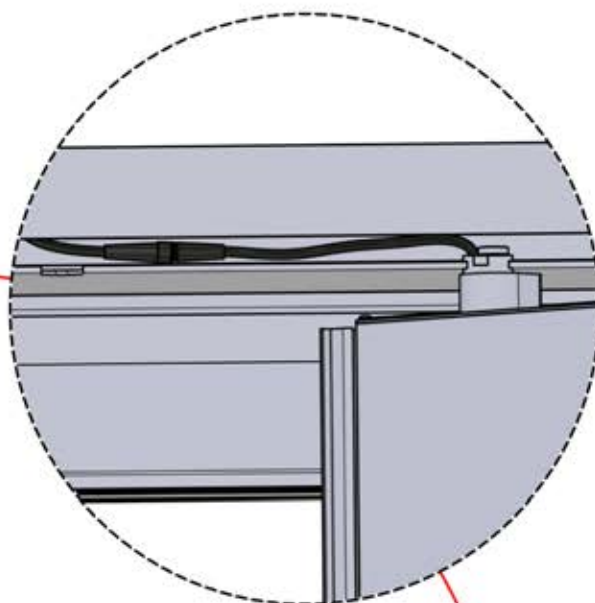


56

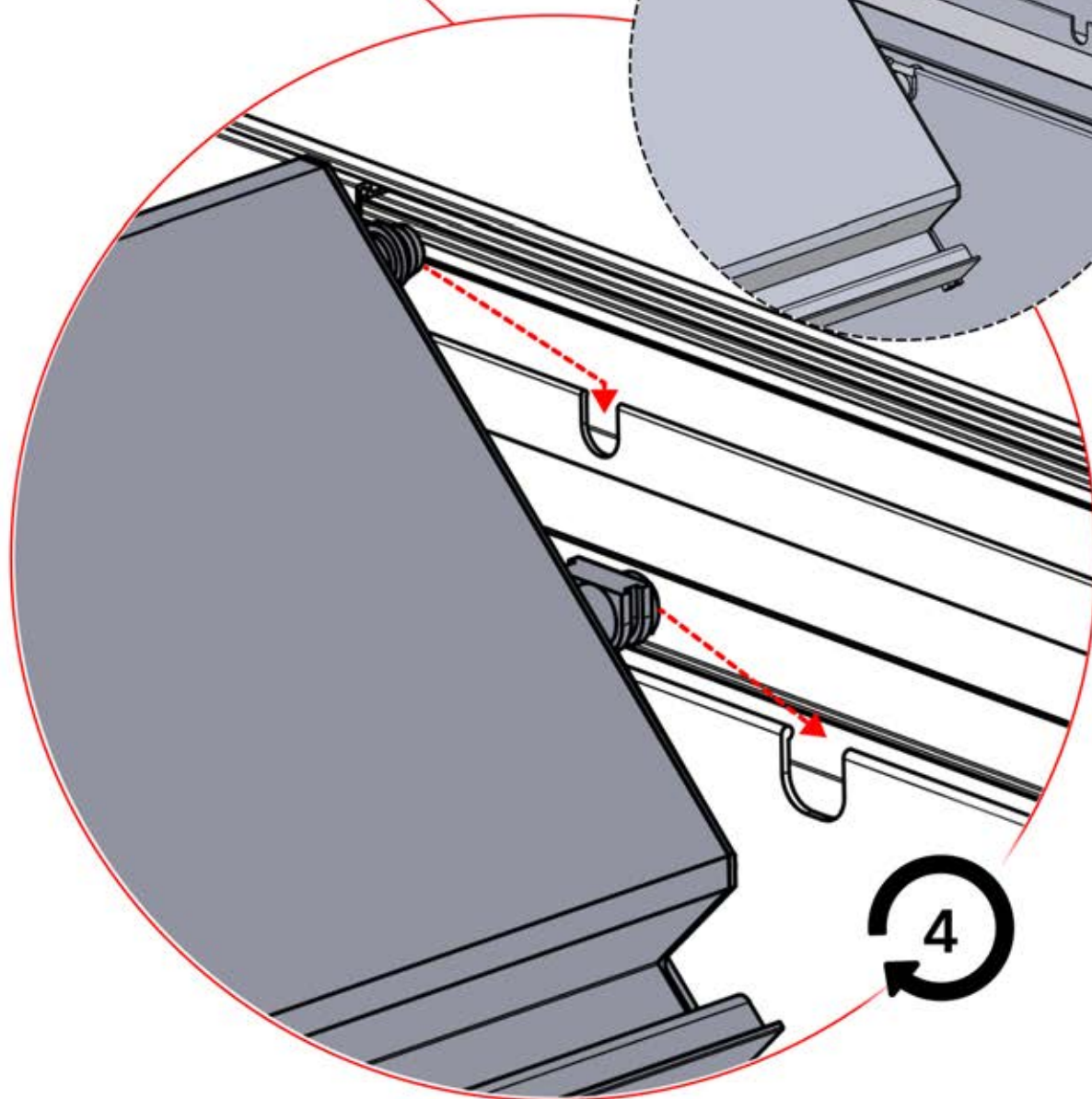
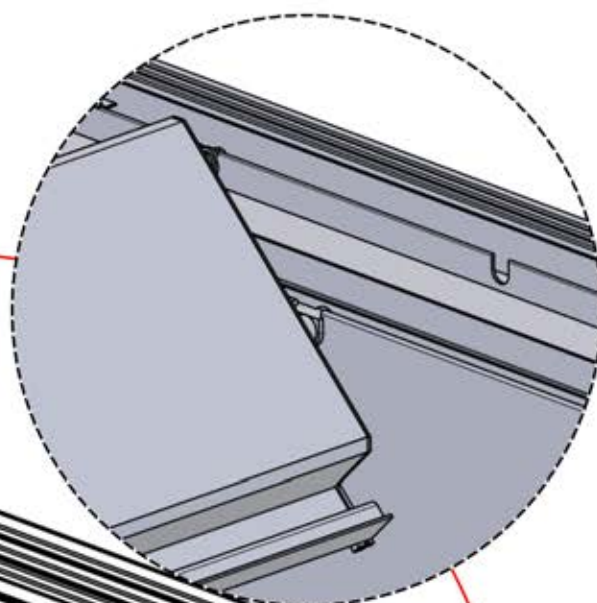
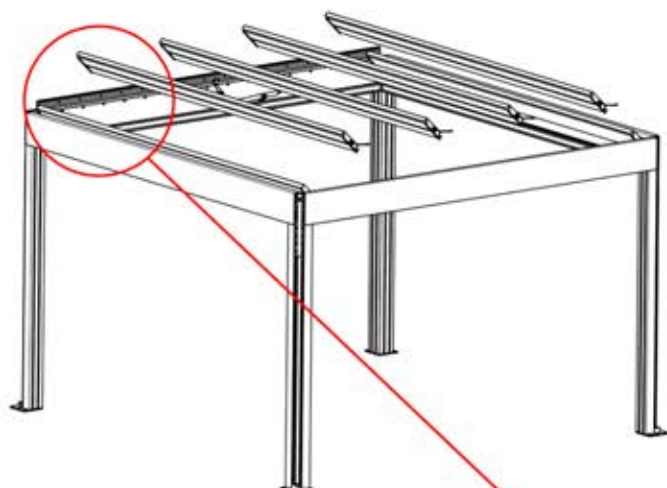
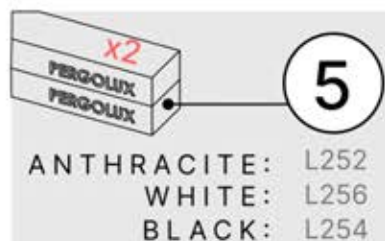




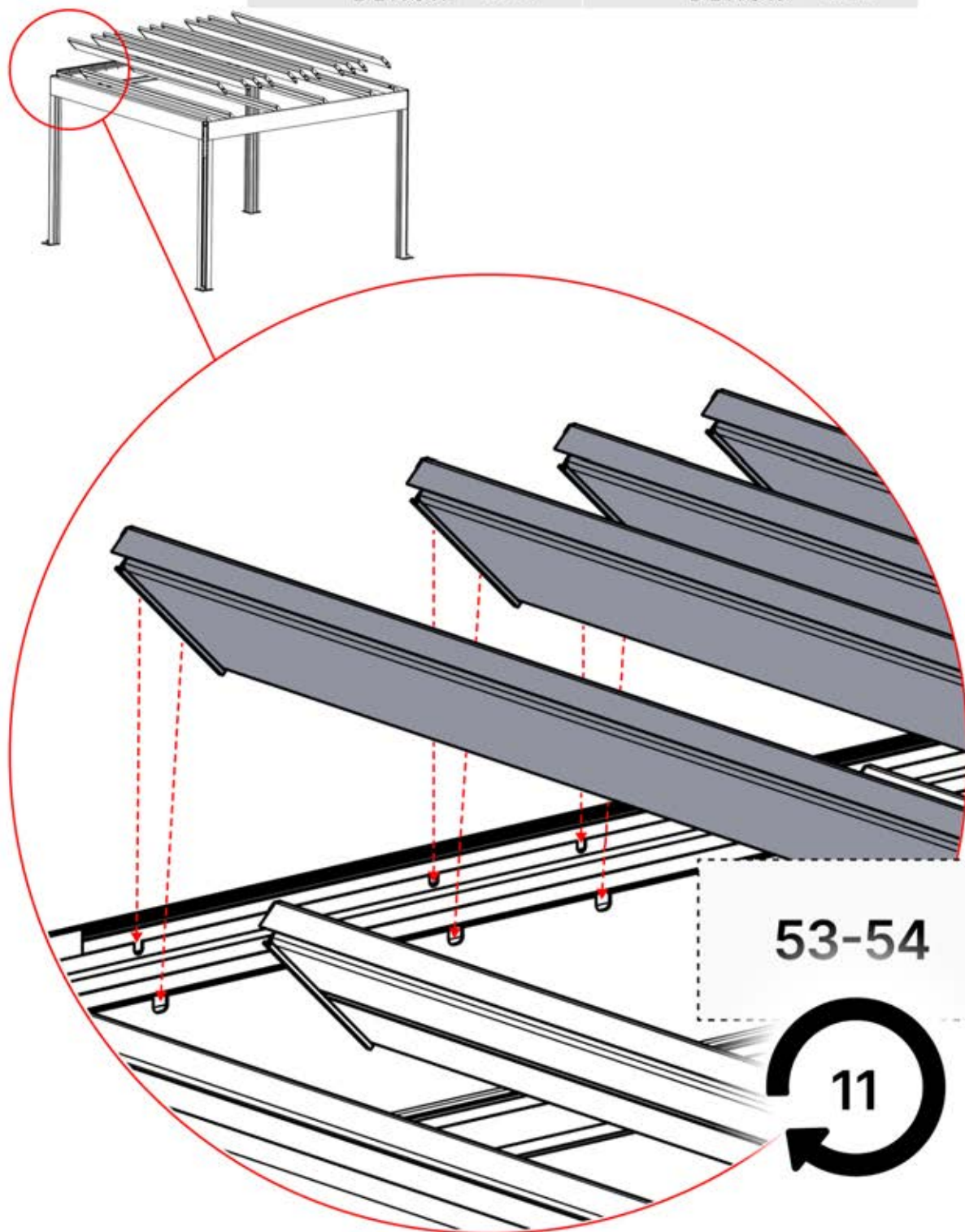
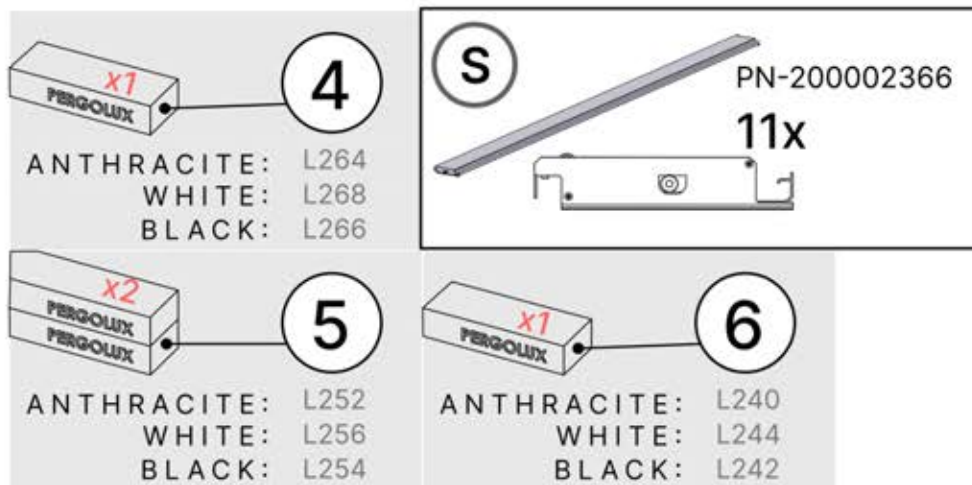
!
Connect the LED
cable to the 4-pin LED
wire



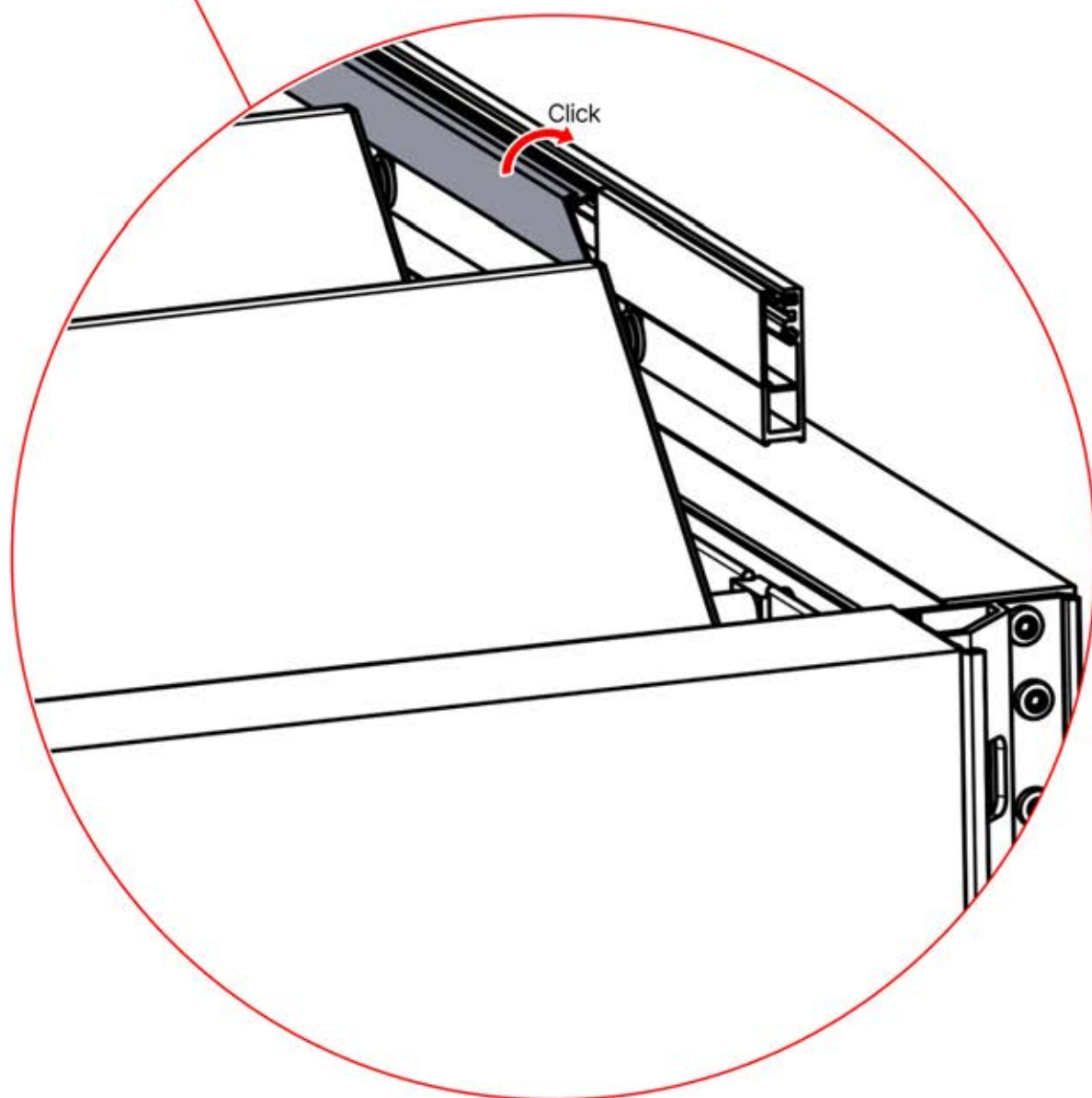
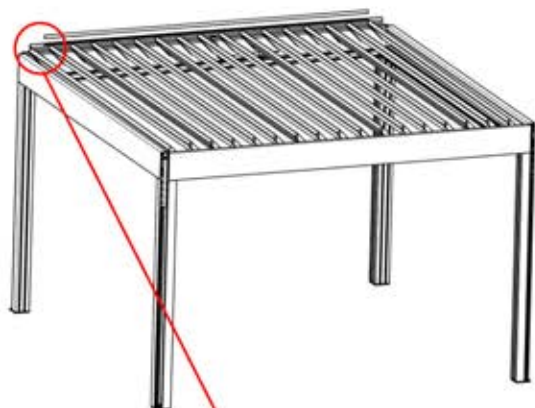
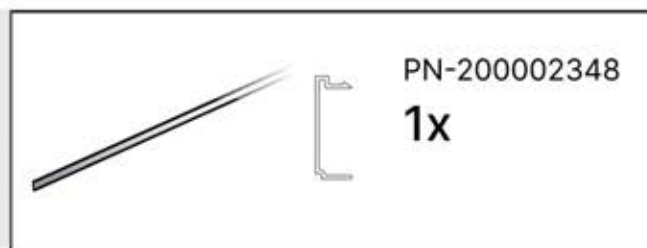
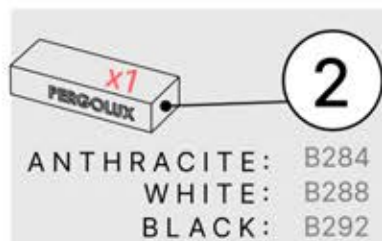
58



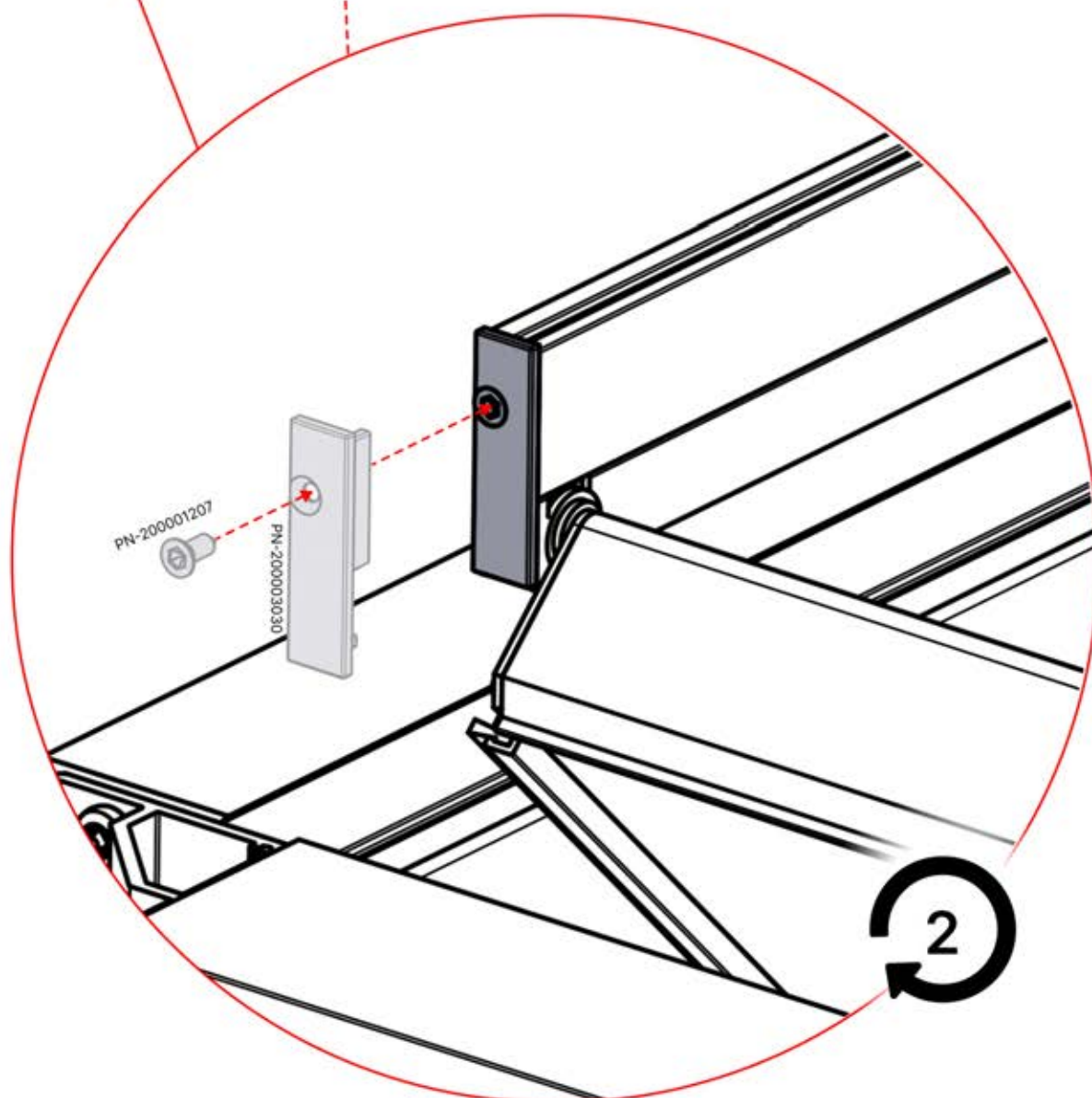
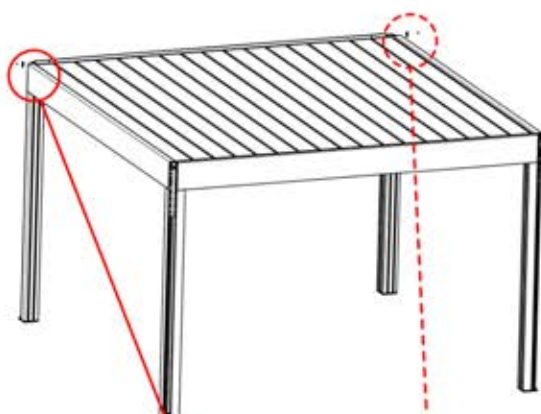
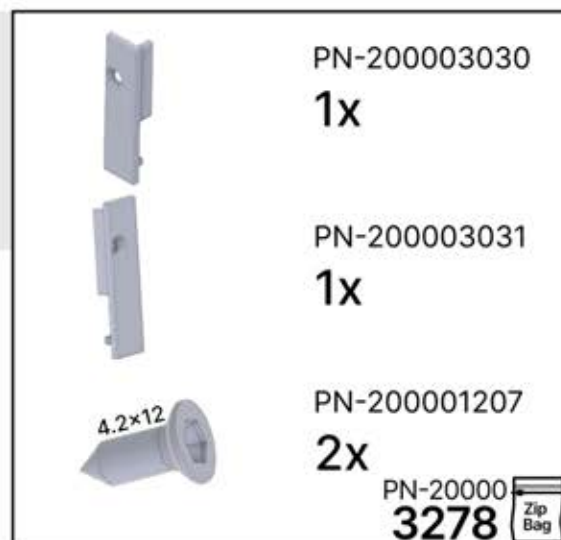
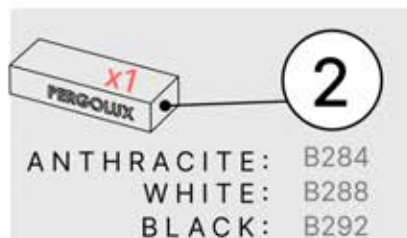
59



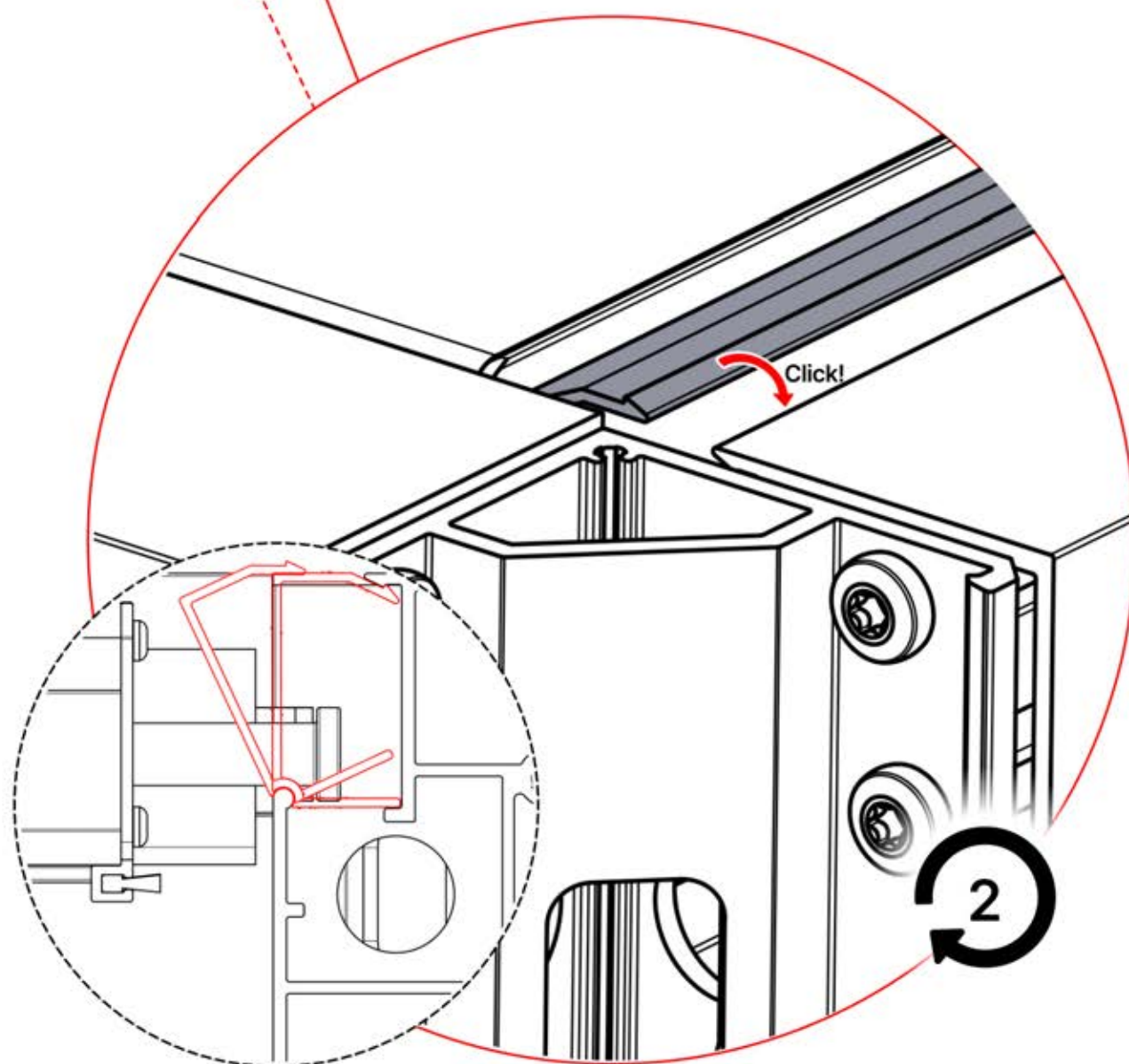
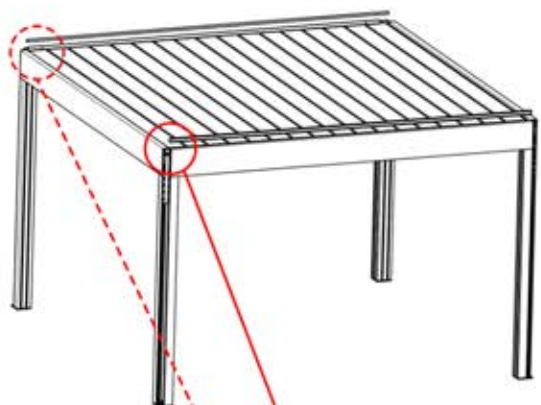
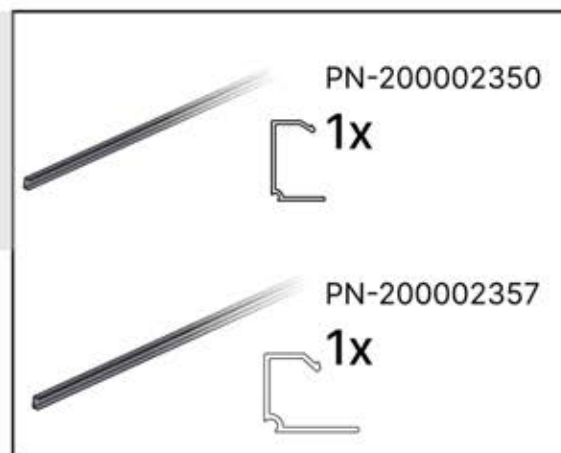
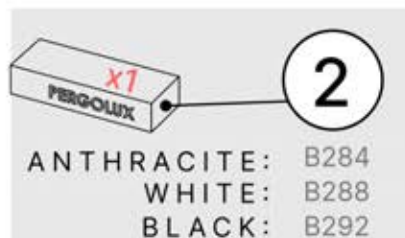
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61



62

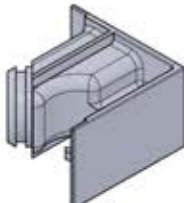


INFORMATION

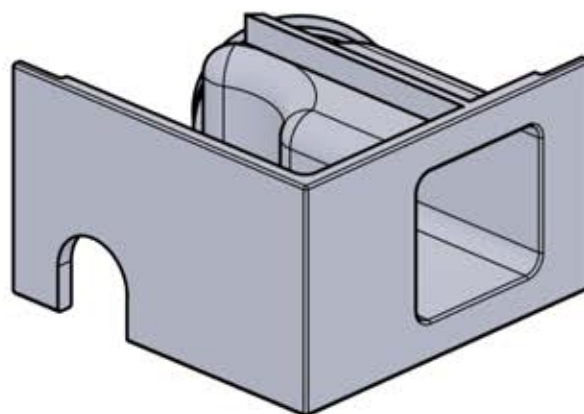
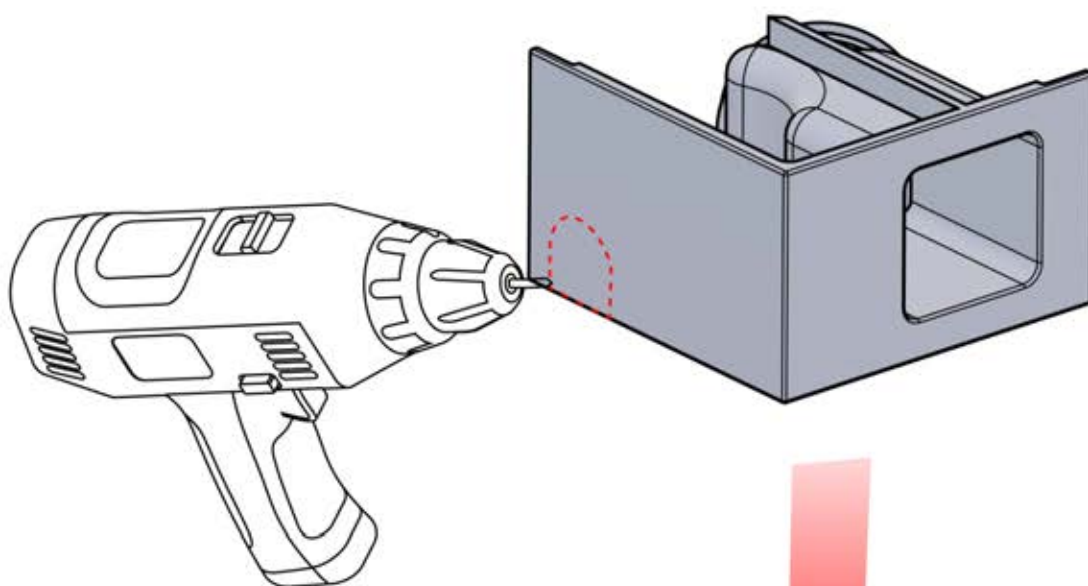


ANTHRACITE: B284
WHITE: B288
BLACK: B292

2



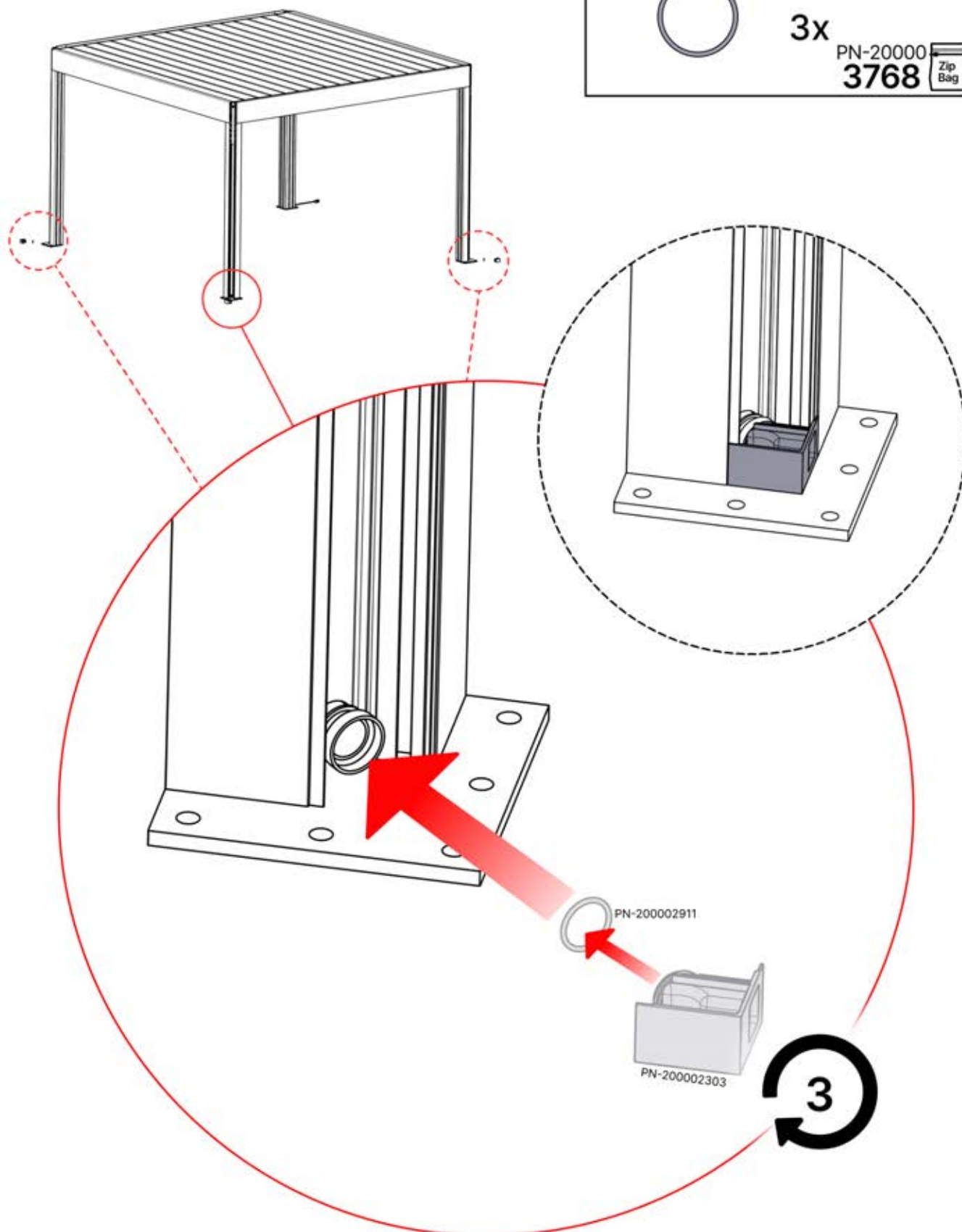
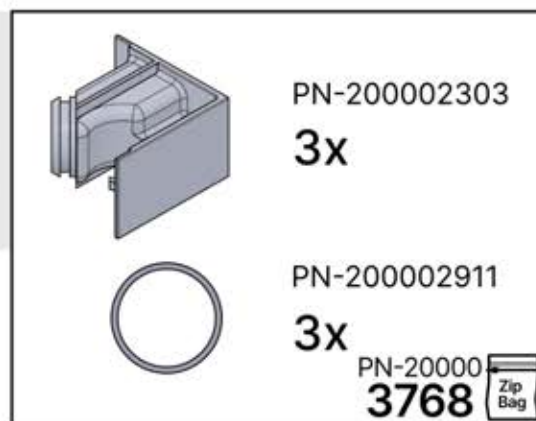
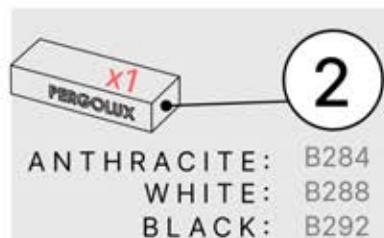
PN-200002303
1x
PN-20000
3768 



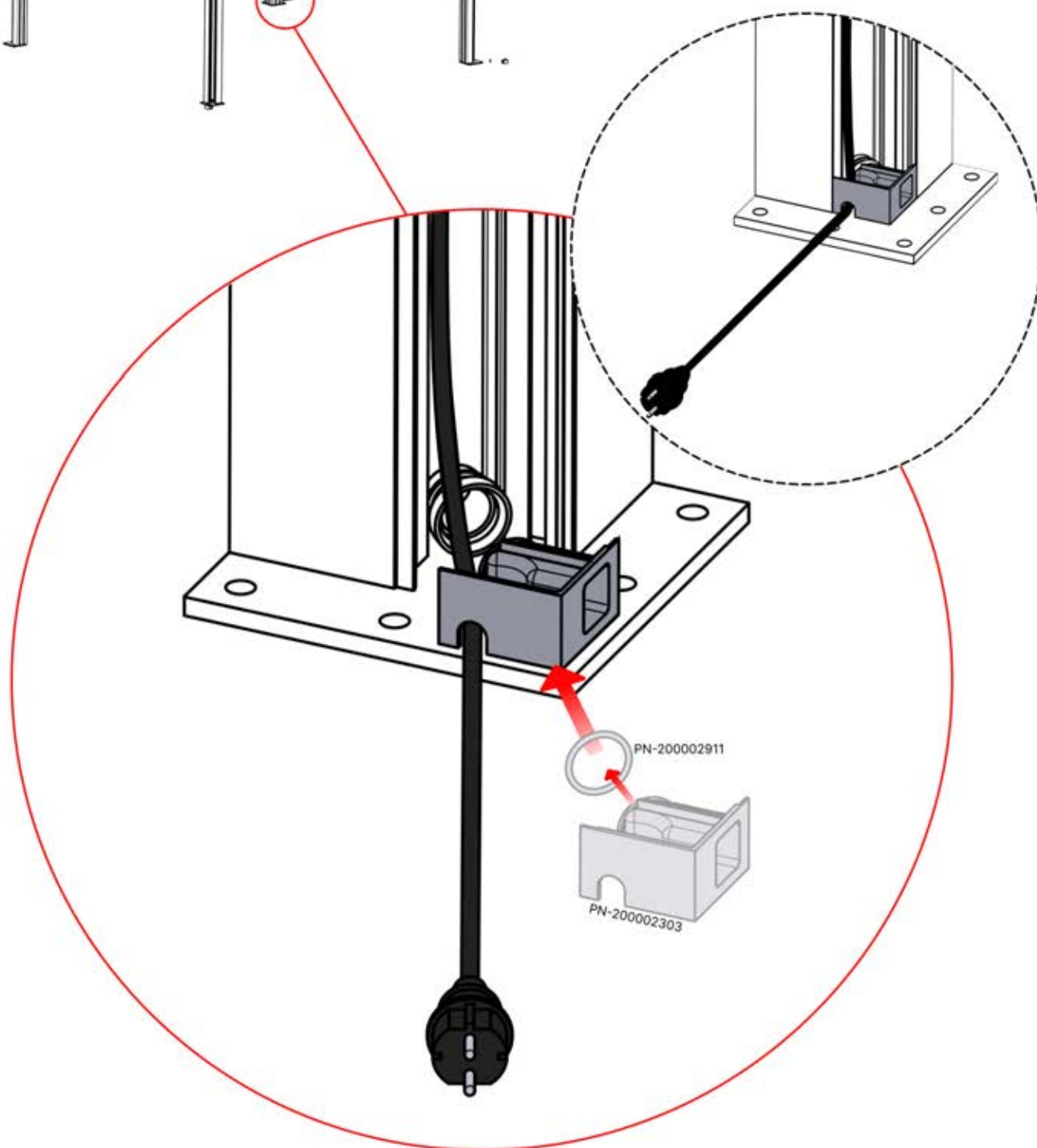
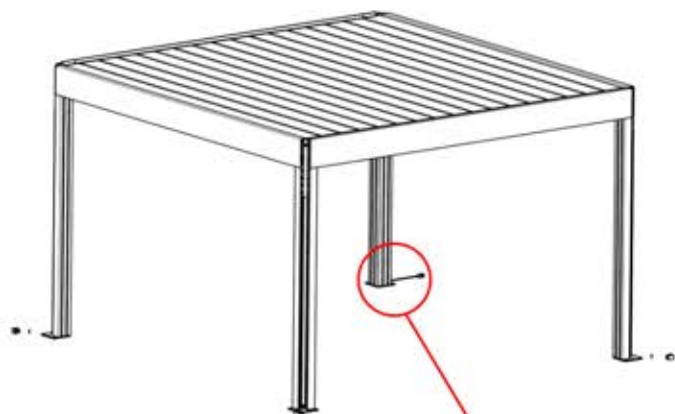
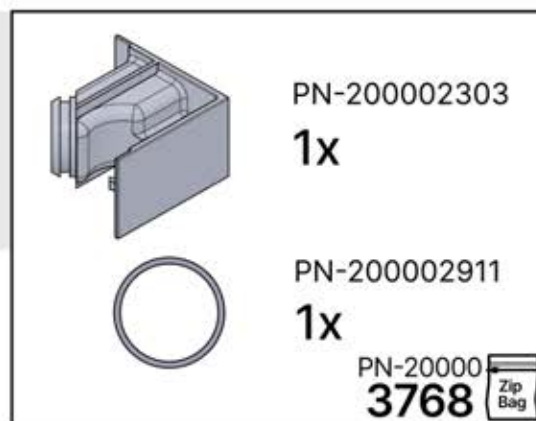
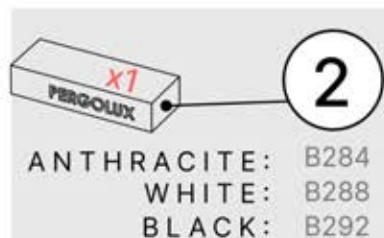
Select one of the four
PN-200002303 parts and drill a
10 mm diameter hole to
accommodate the power cable.

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

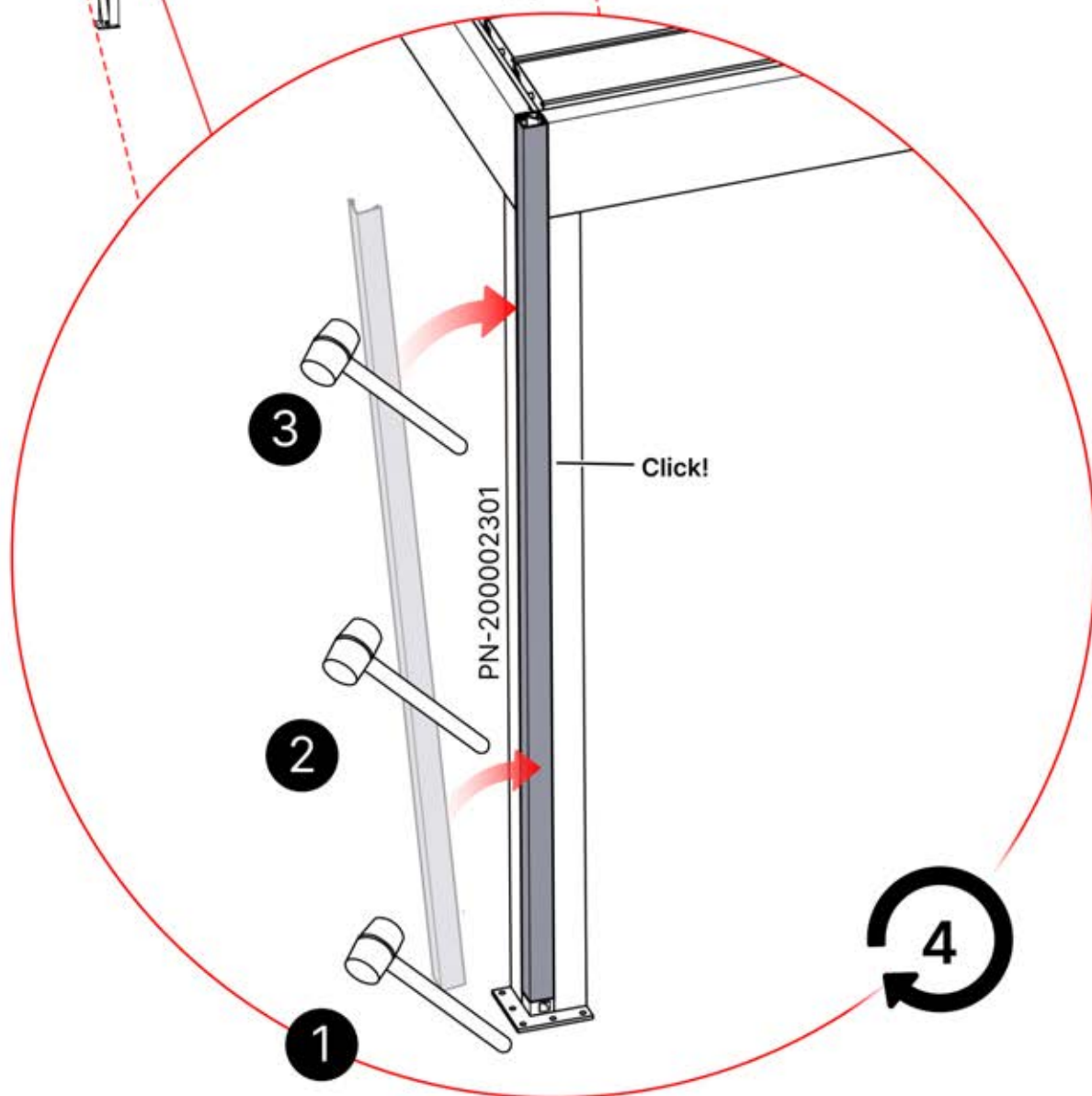
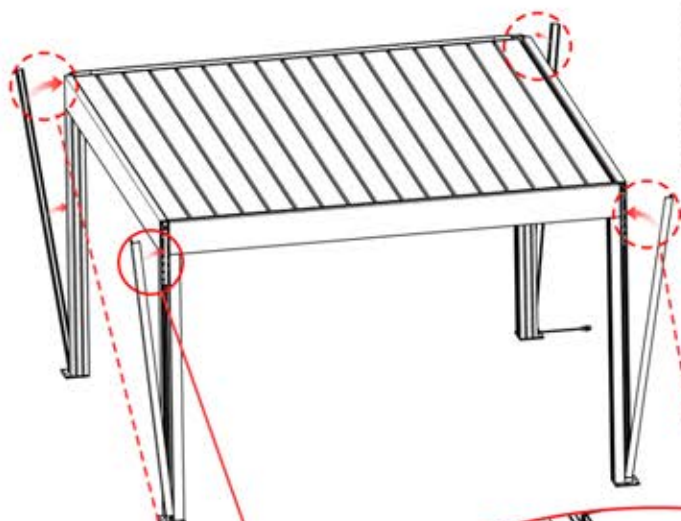
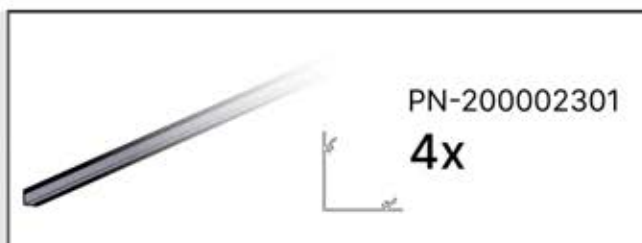
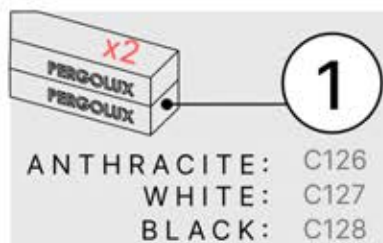
63



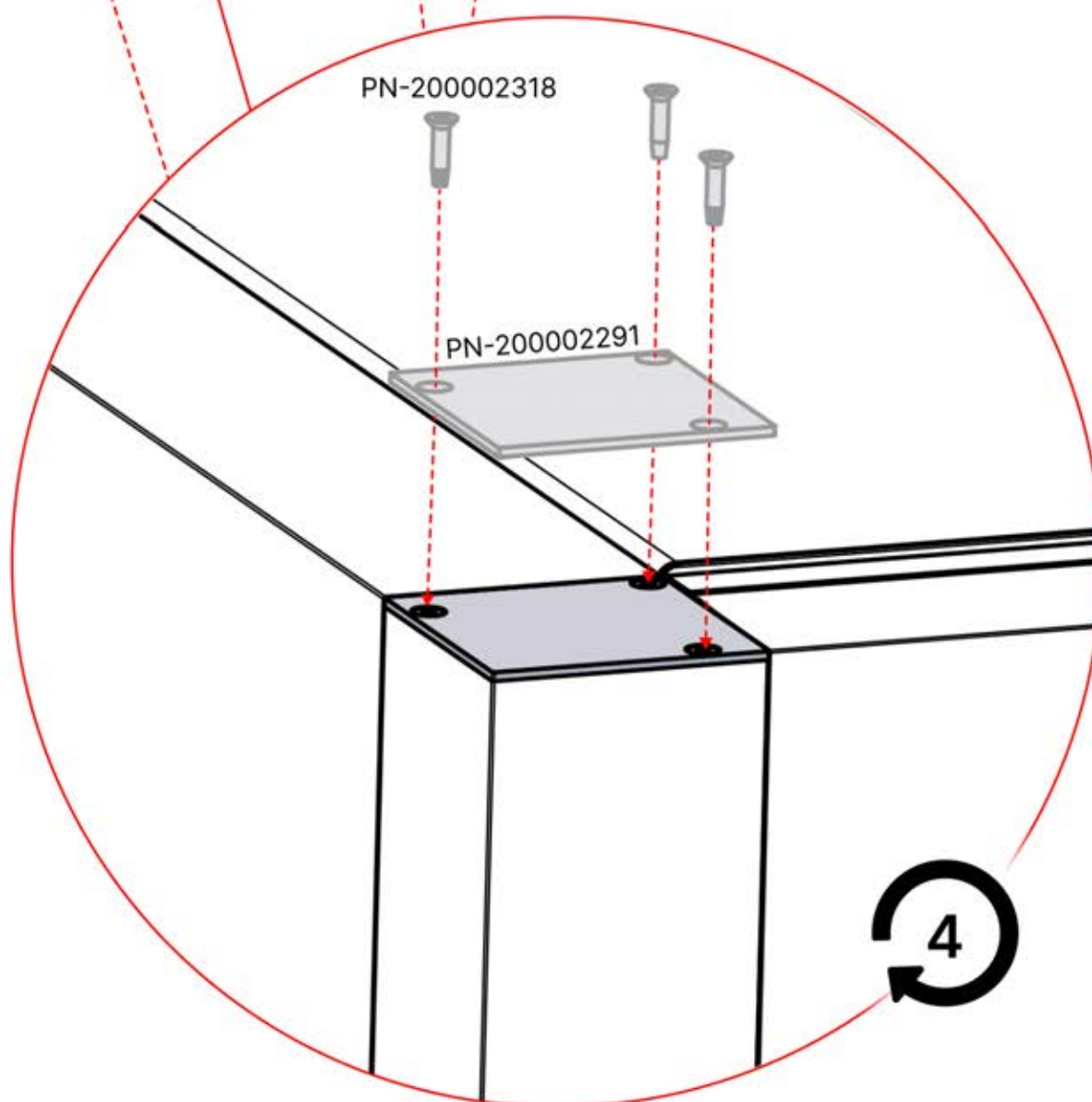
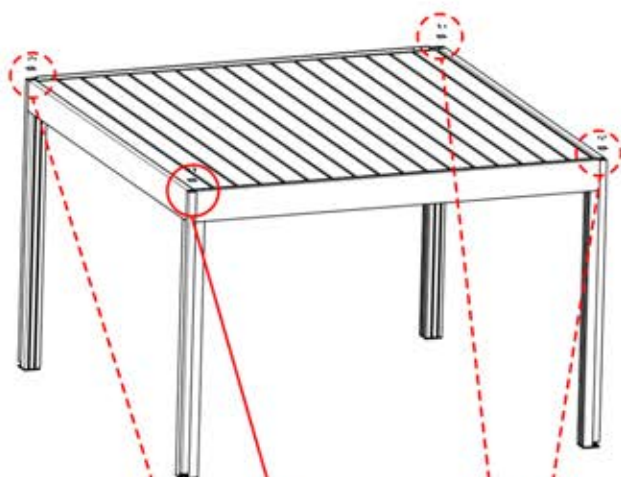
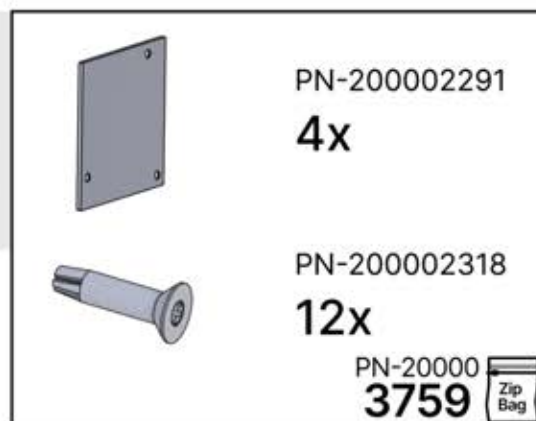
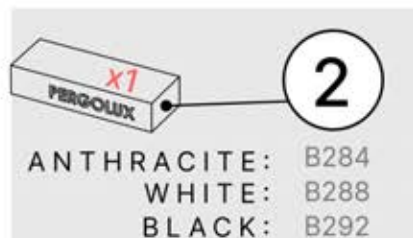
64



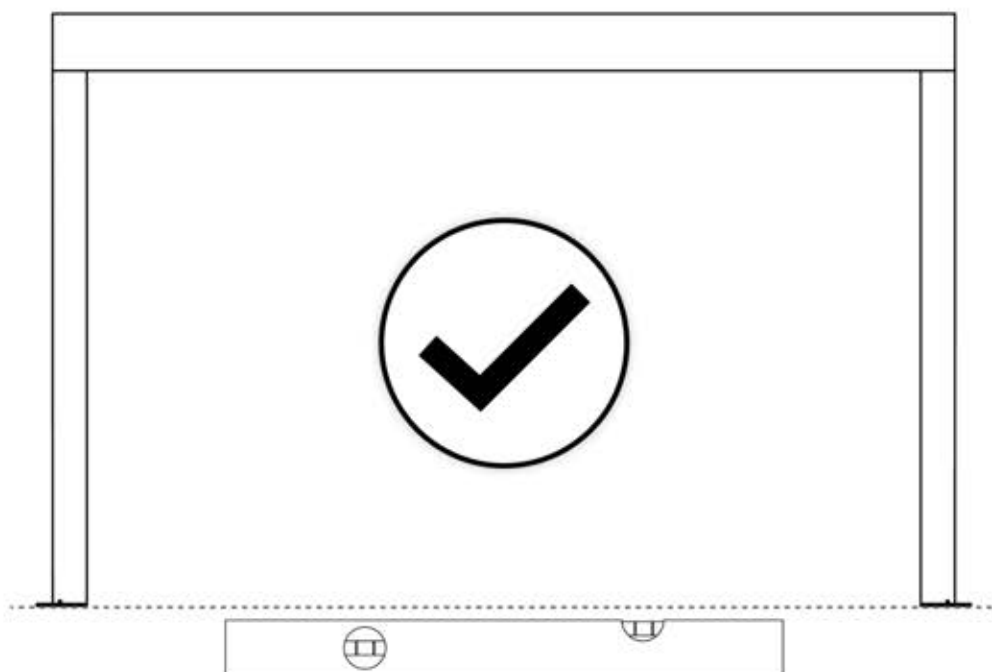
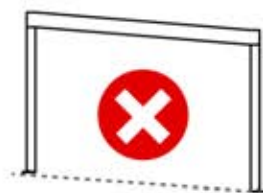
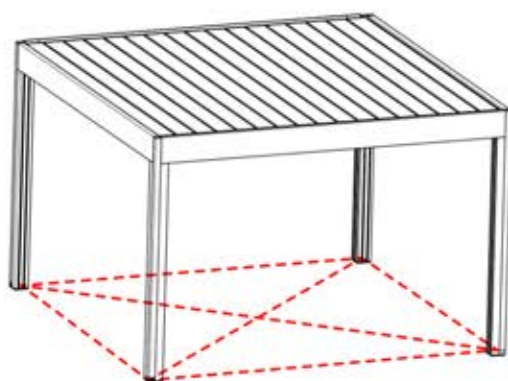
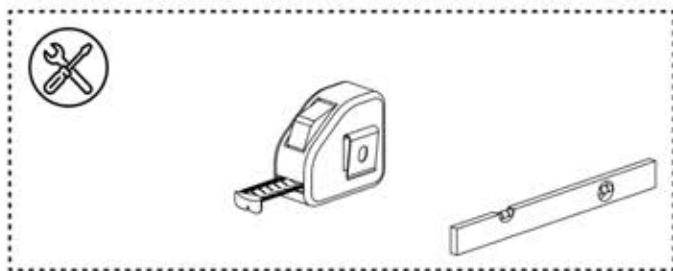
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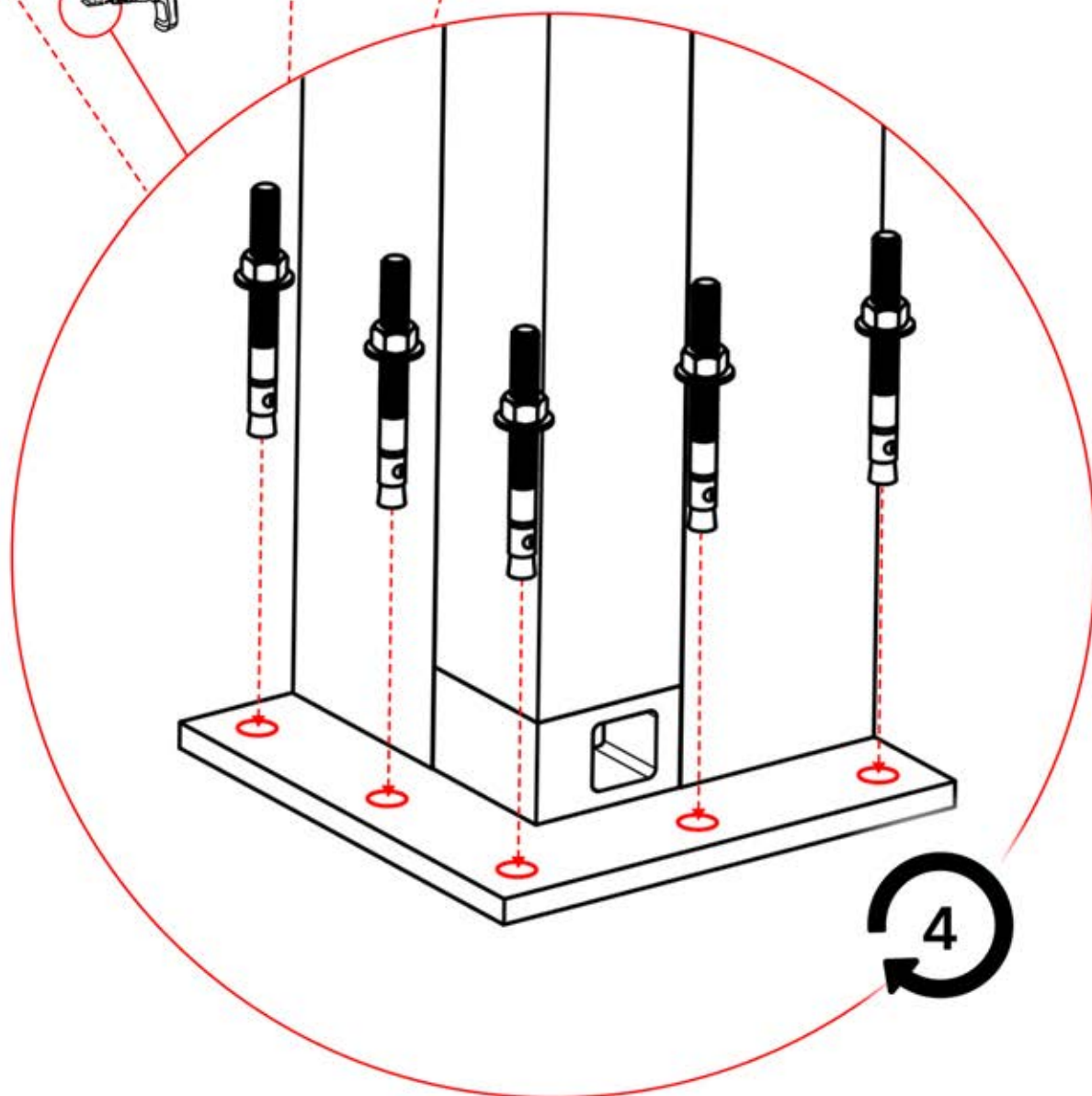
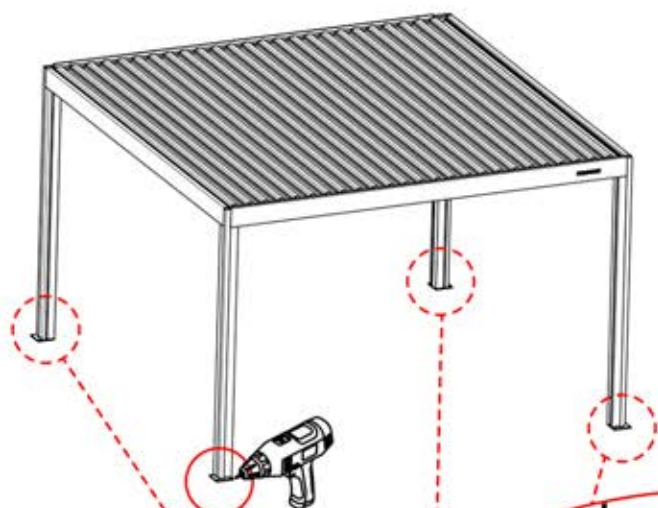
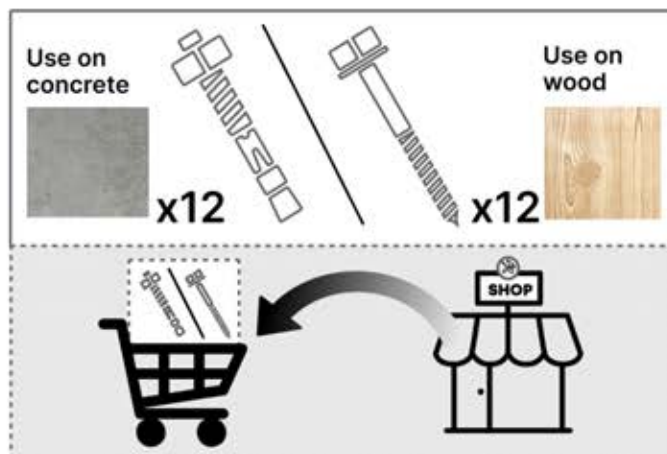
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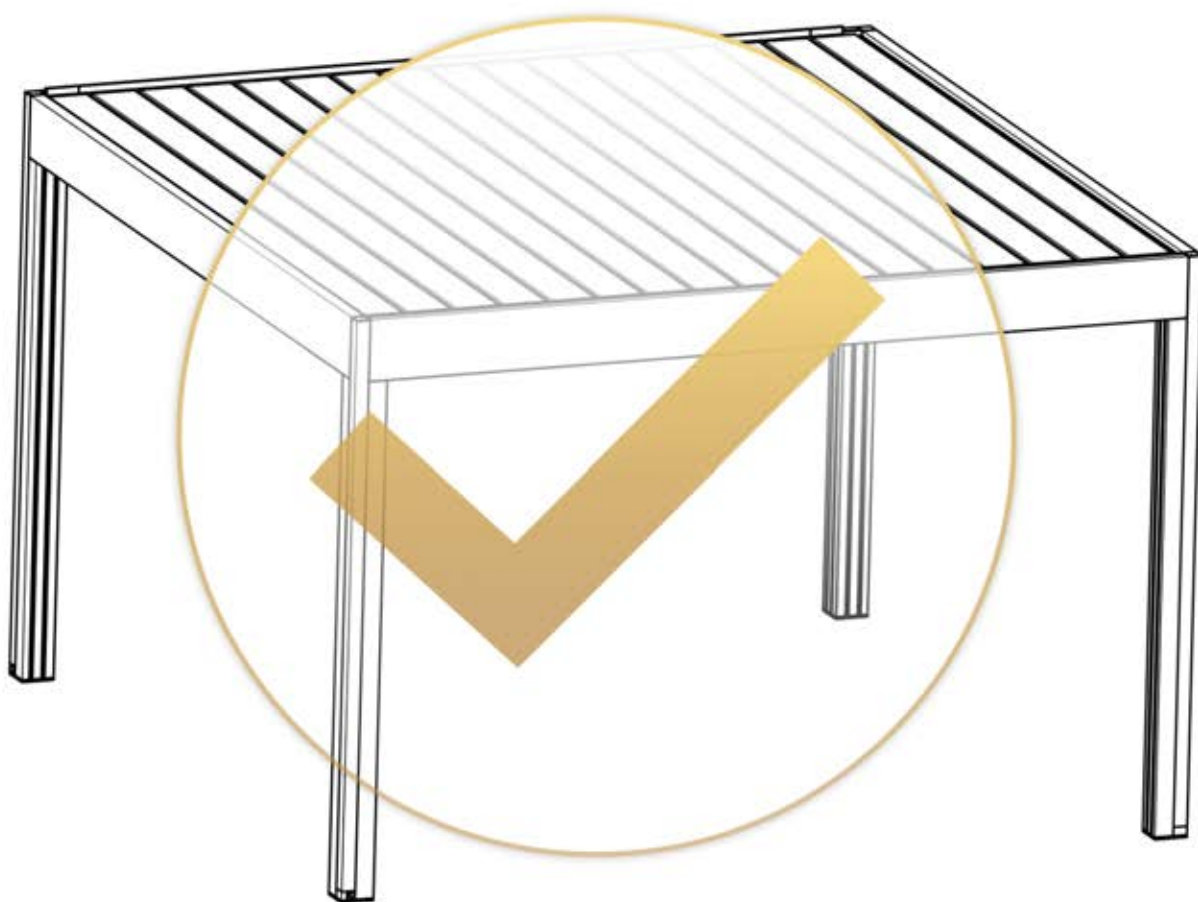


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