

S4

PERGOLA

PRO MAX



4x6m/13'x19'
FREESTANDING

PERGOLUX



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678



S4 PERGOLUX | PERGOLA PRO MAX FREESTANDING

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



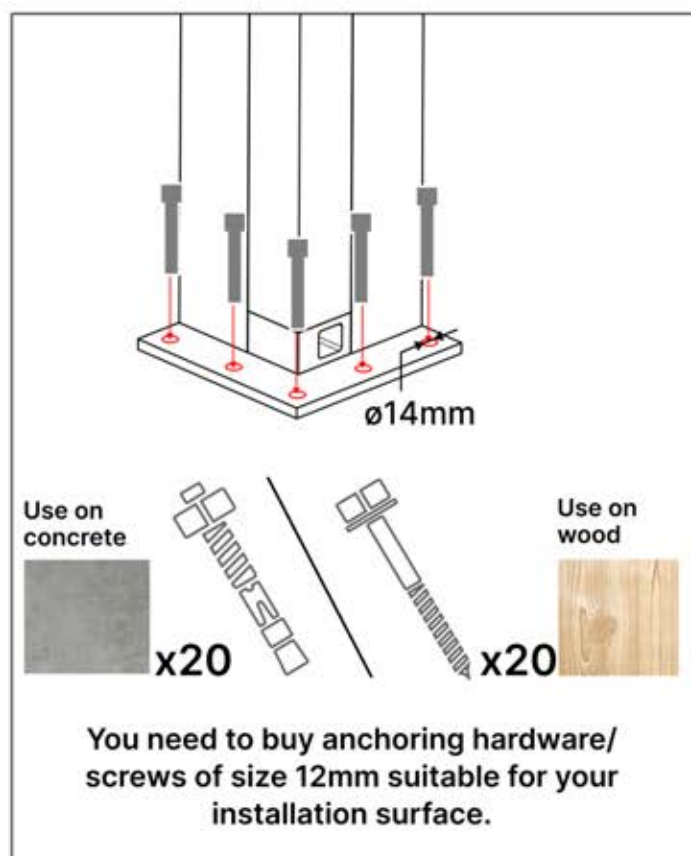
Turn around



Discard

S4 PERGOLUX | PERGOLA PRO MAX FREESTANDING

INFORMATION

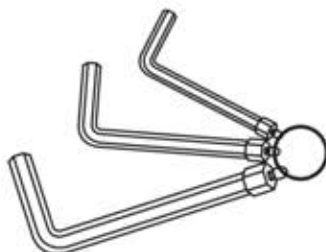
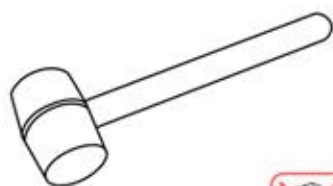


All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

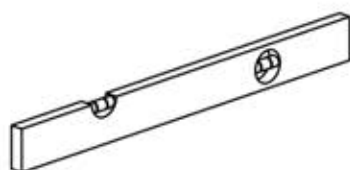
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION

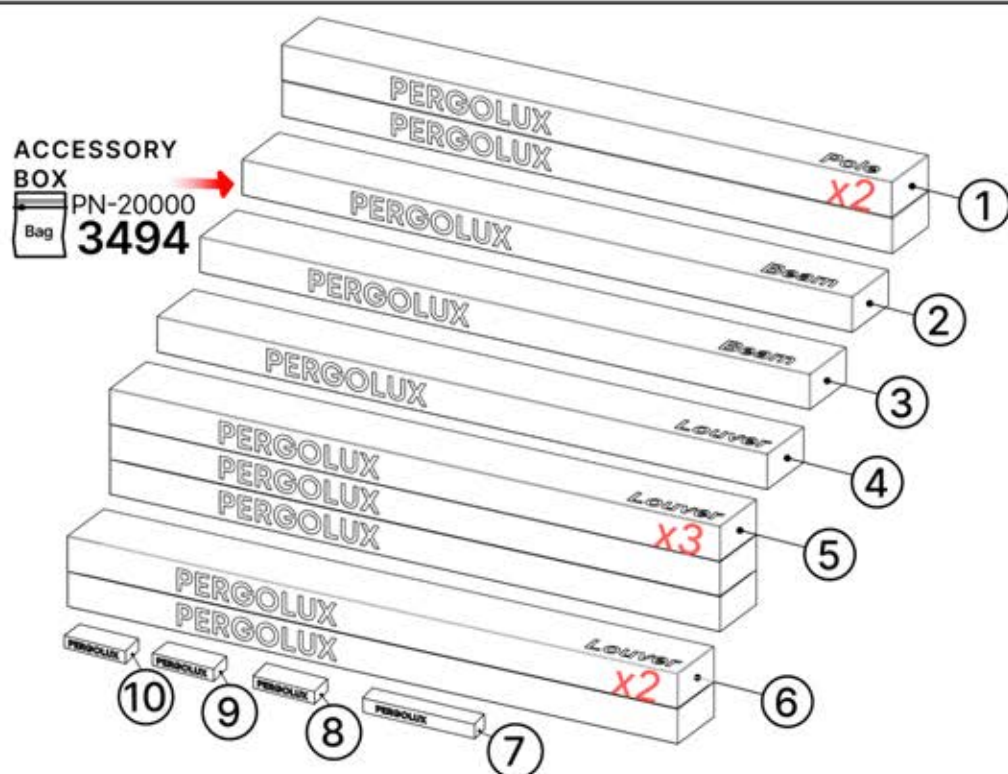


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

PACKAGE OVERVIEW

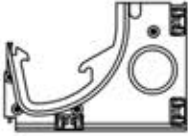
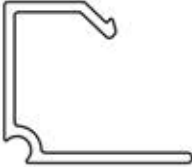


ORDER	ANTHRACITE	WHITE	BLACK
①	C126	C127	C128
②	B286	B290	B294
③	B308	B310	B312
④	L264	L268	L266
⑤	L252	L256	L254
⑥	L240	L244	L242
⑦	ELECTRIC MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		

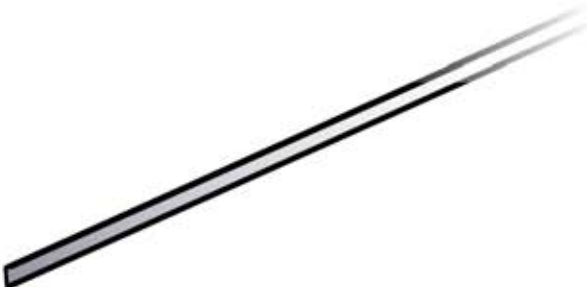
ITEMS IN BOX

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

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
2		B286	B290	B294
		PN-200003504 1x		
		PN-200003508 1x		
		PN-200002488 2x		
		PN-200002476 1x		
		PN-200002472 1x		

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
2		B286	B290	B294
		PN-200002494 1x		
		PN-200002495 1x		
		PN-200002491 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

B286

B290

B294



PN-20000
3757



PN-200002282
4x



PN-200002298
4x



PN-200000832
4x



PN-20000
3496



PN-200002289
4x



PN-20000
3756



PN-200000958
4x



PN-20000
3750



PN-200003051
8x



PN-200003050
8x



PN-200003049
8x



PN-20000
3759



PN-200002291
4x



PN-200002318
12x



PN-20000
3497



PN-200002329
4x



PN-200000852
8x

ITEMS IN BOX



ANTHRACITE

WHITE

BLACK

2

B286

B290

B294



PN-20000
3751



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

B286

B290

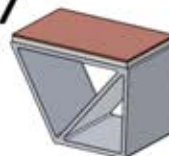
B294

PN-20000
Zip Bag
3495



PN-200002311
40x

PN-20000
Zip Bag
3767



PN-200002286
8x

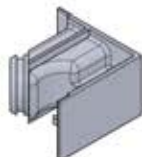
PN-20000
Zip Bag
3768



PN-200002911
4x

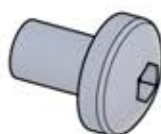


PN-200002297
4x



PN-200002303
4x

PN-20000
Zip Bag
3755



PN-200000655
8x

PN-20000
Zip Bag
3758



PN-200002284
4x

PN-20000
Zip Bag
4088

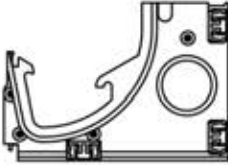


PN-200002308
20x



PN-200001340
1x

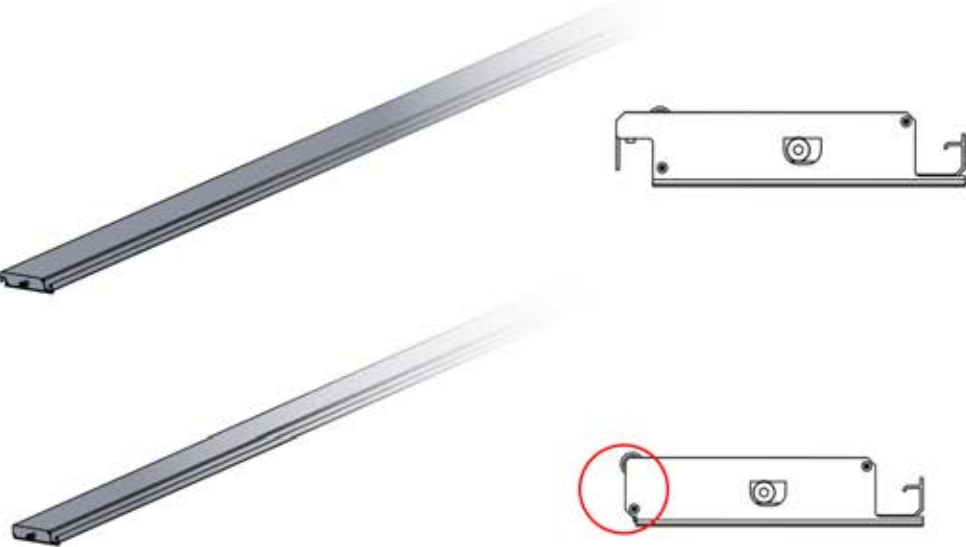
ITEMS IN BOX

		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

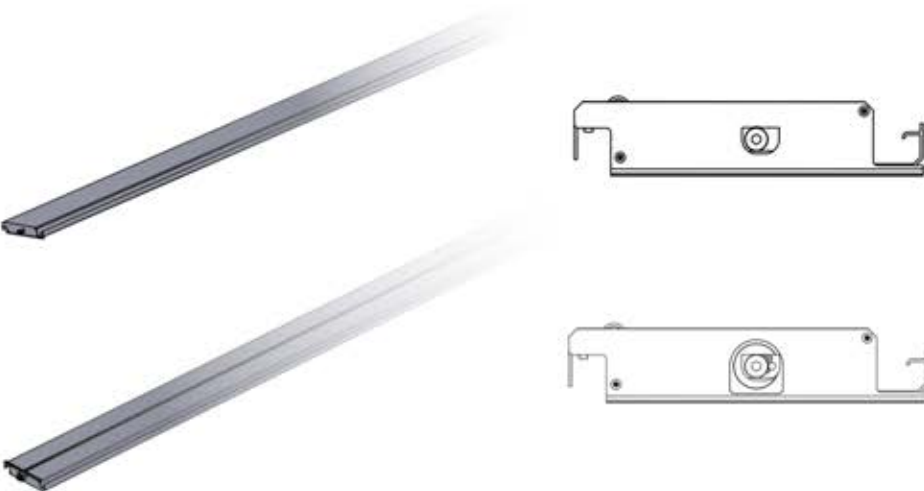


Standard = **(S)**
PN-200002366
4x

End = **(E)**
PN-200002362
1x



ANTHRACITE	WHITE	BLACK
L252	L256	L254



Standard = **(S)**
PN-200002366
6x

LED = **(LED)**
PN-200002364
6x

ITEMS IN BOX



PERGOLUX
PERGOLUX

L240
x2

	ANTHRACITE	WHITE	BLACK
6	L240	L244	L242



Standard = **S**

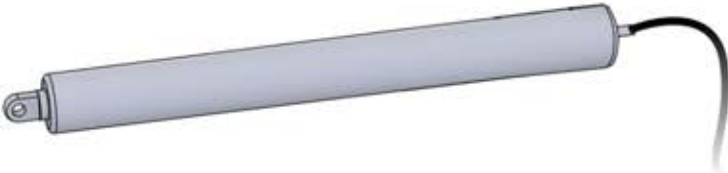
PN-200002366

8x



PERGOLUX

7 ELECTRIC MOTOR



Electric motor
PN-200001562
1x



PN-200003773
1x



PN-200002332
1x



PN-200001625
2x

ITEMS IN BOX



8

CONTROL BOX



Control box

1x



Matter antenna clip

1x



PN-200002684

10x



PN-200002683

5x



QR-code

1x



3M tape

1x



PN-200002756

1x



PN-200002754

1x



PN-200002758

1x



PN-200002753

2x



PN-200002759

2x



PN-200002757

1x

ITEMS IN BOX



9

POWER CABLE



PN-200003781

1x



10

LED BOX

PN-20000
Zip Bag
3829



LED STRIP

6x



6 LED HARNESS

1x



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

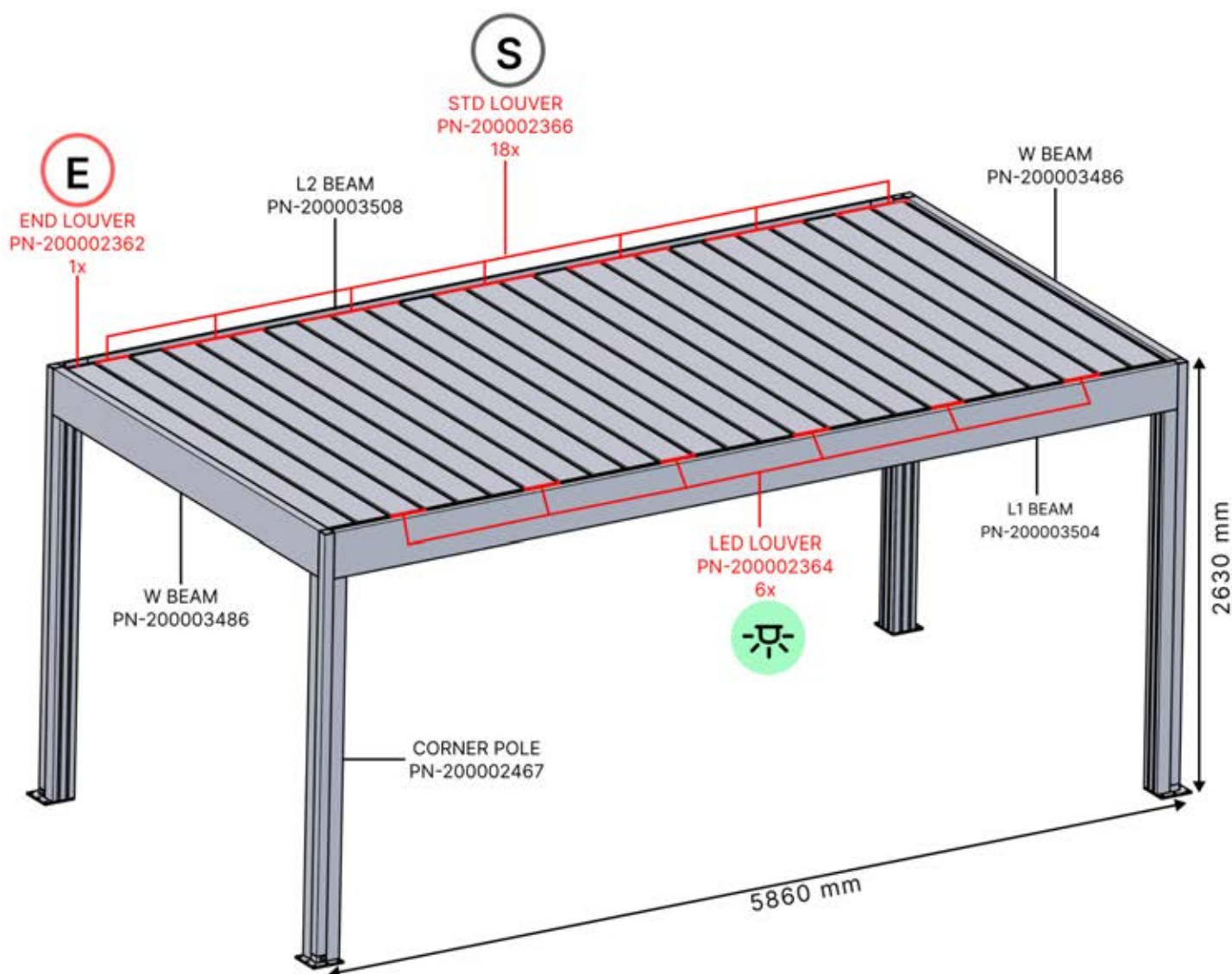


CONTROL BOX

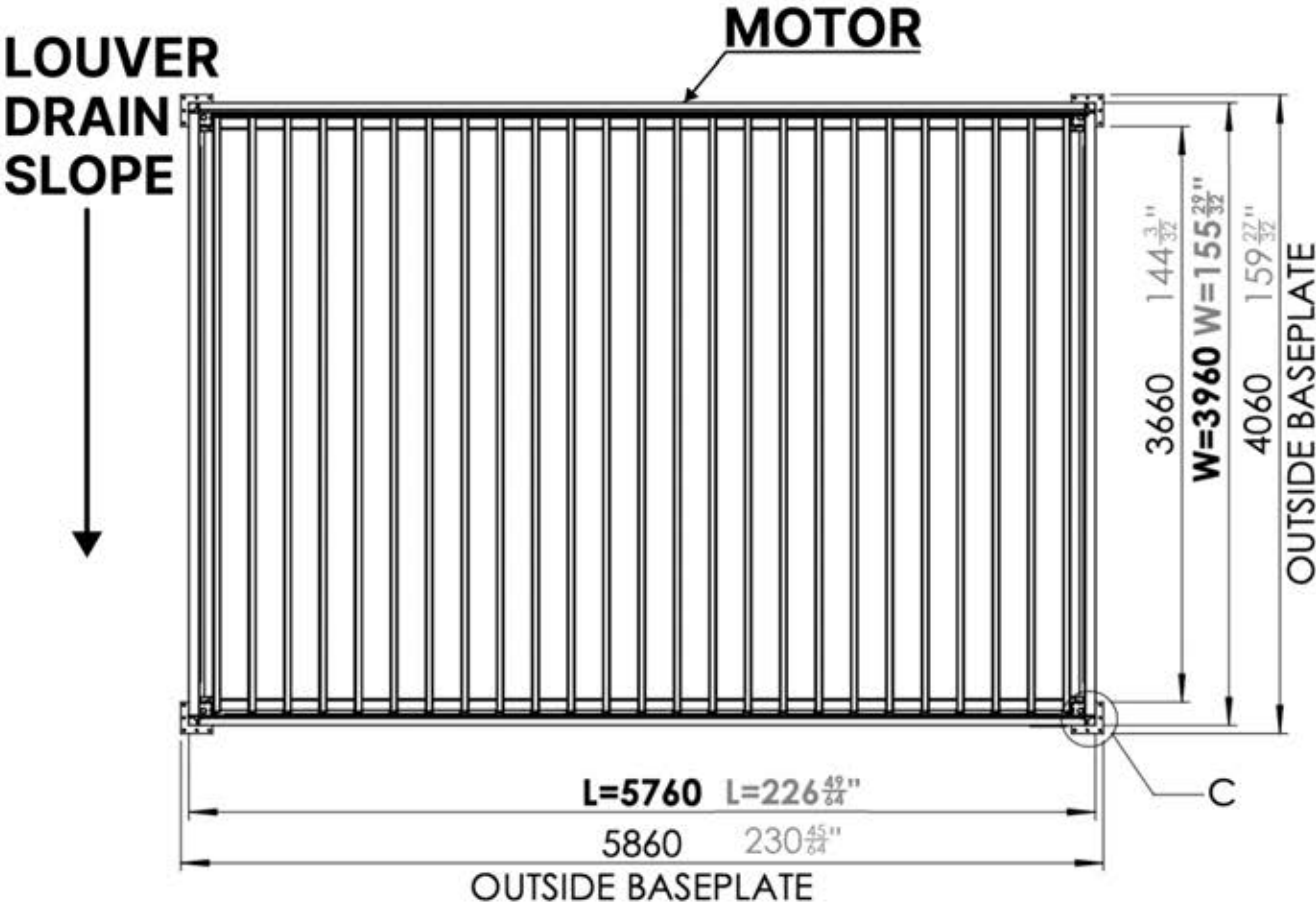
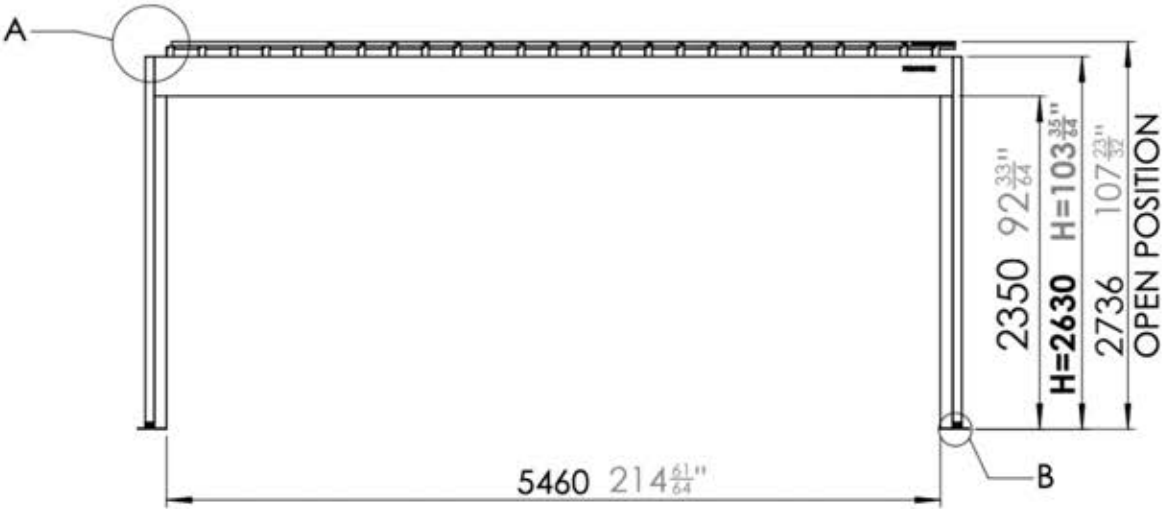
[View Manual](#)

S4 PERGOLUX | PERGOLA PRO MAX FREESTANDING

4 × 6 m / 13' x 19'



4 × 6 m / 13' x 19'



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.

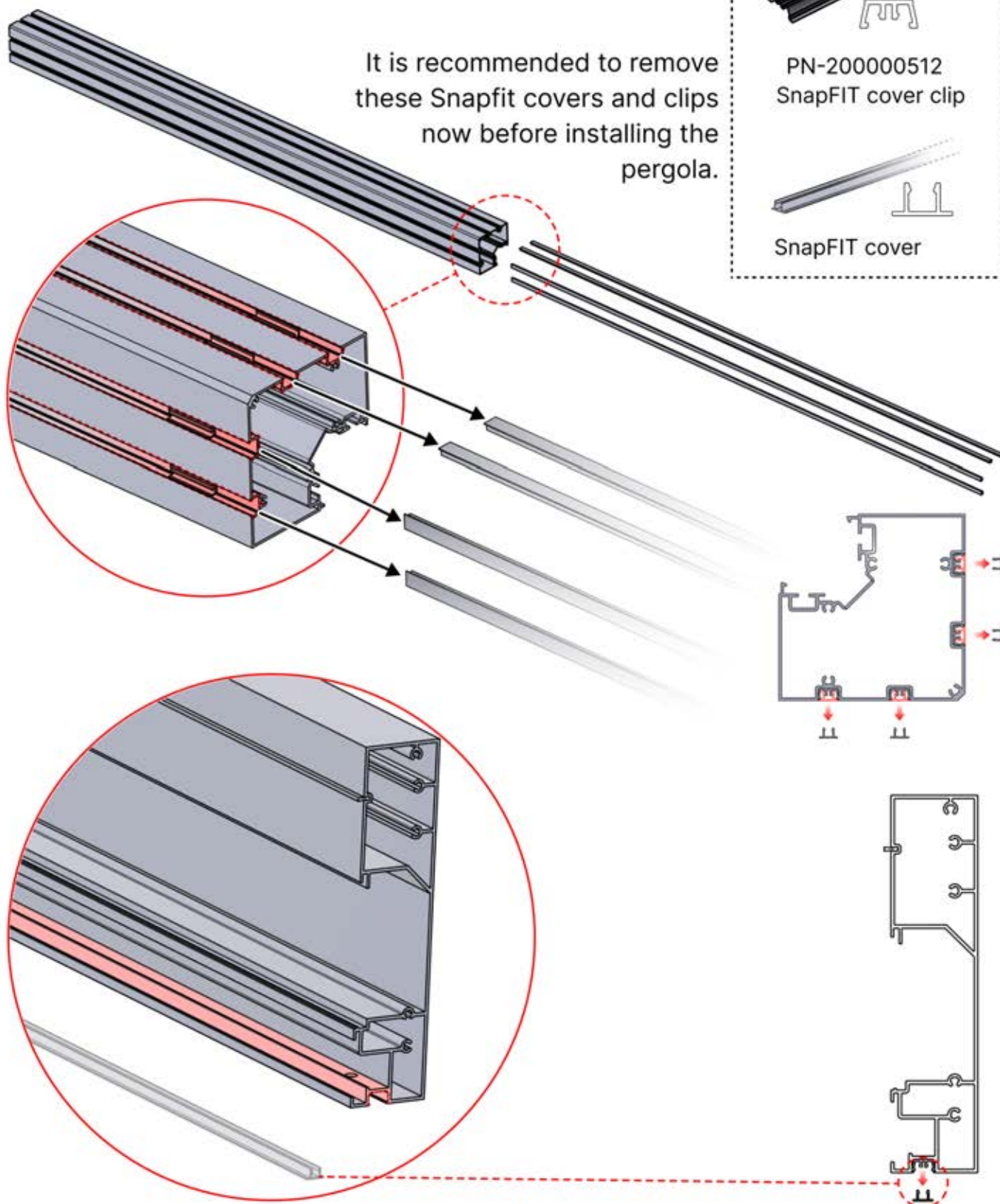
Cover and clips



PN-200000512
SnapFIT cover clip



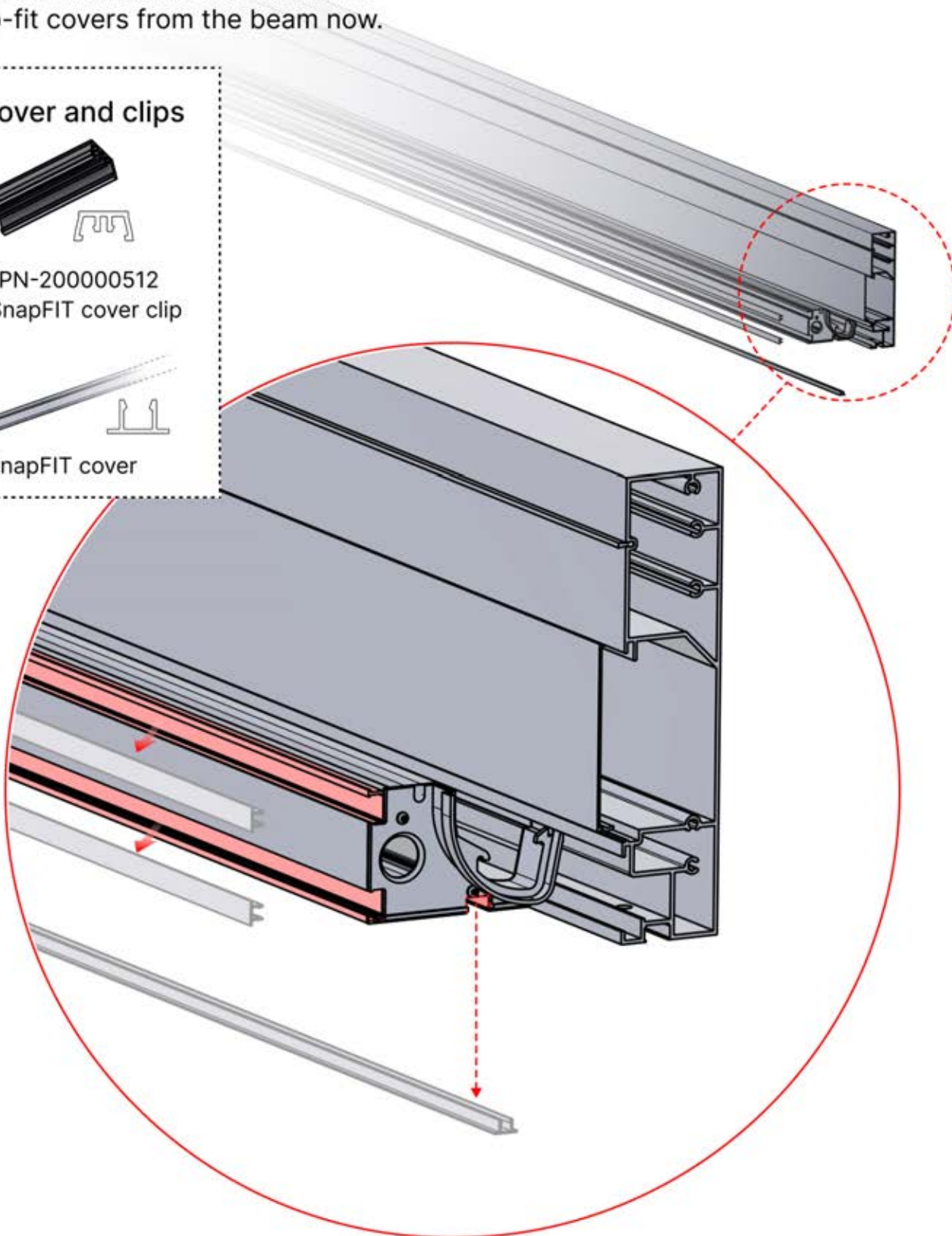
SnapFIT cover



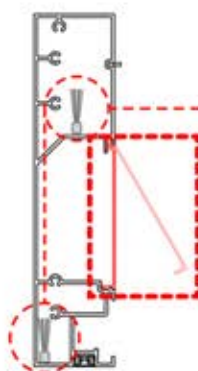
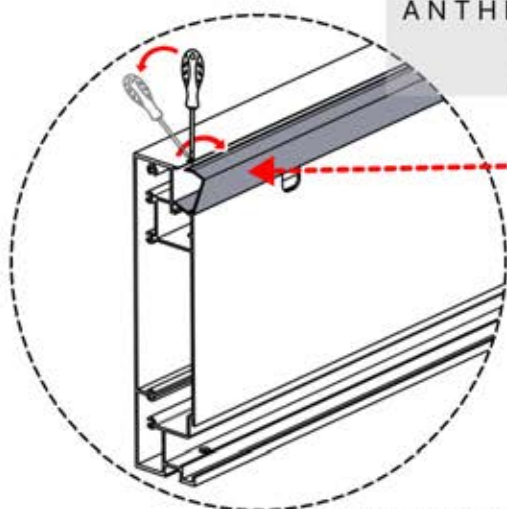
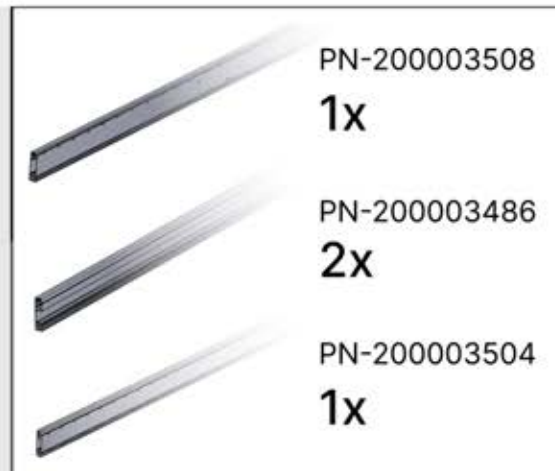
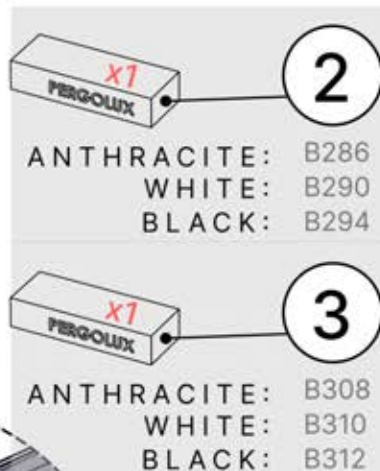
INFORMATION

Are you installing a heater or fan ?

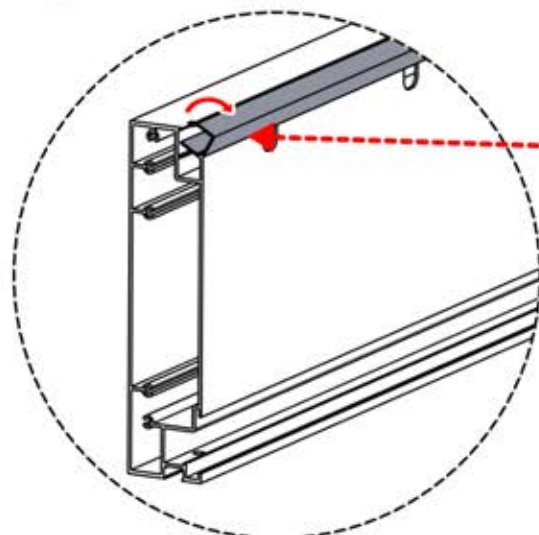
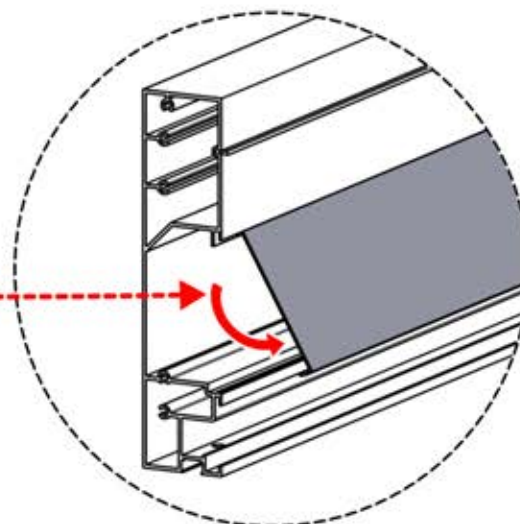
It is recommended to remove both snap-fit covers from the beam now.



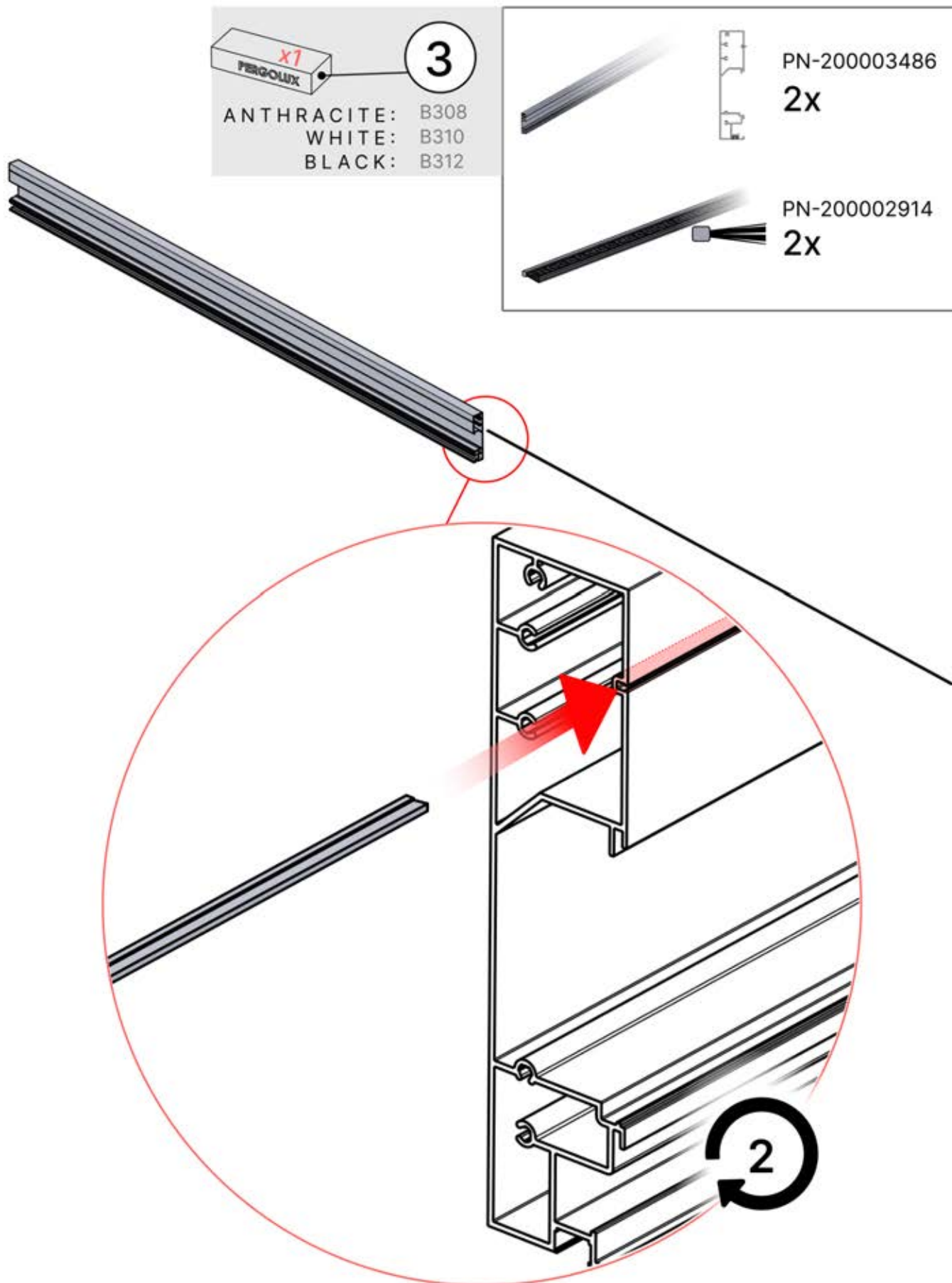
INFORMATION



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



INFORMATION

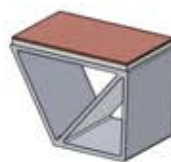


01



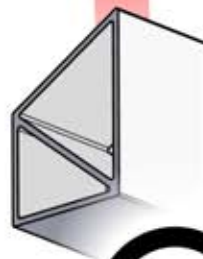
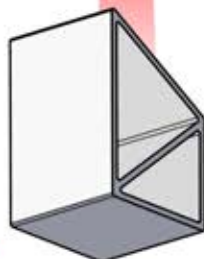
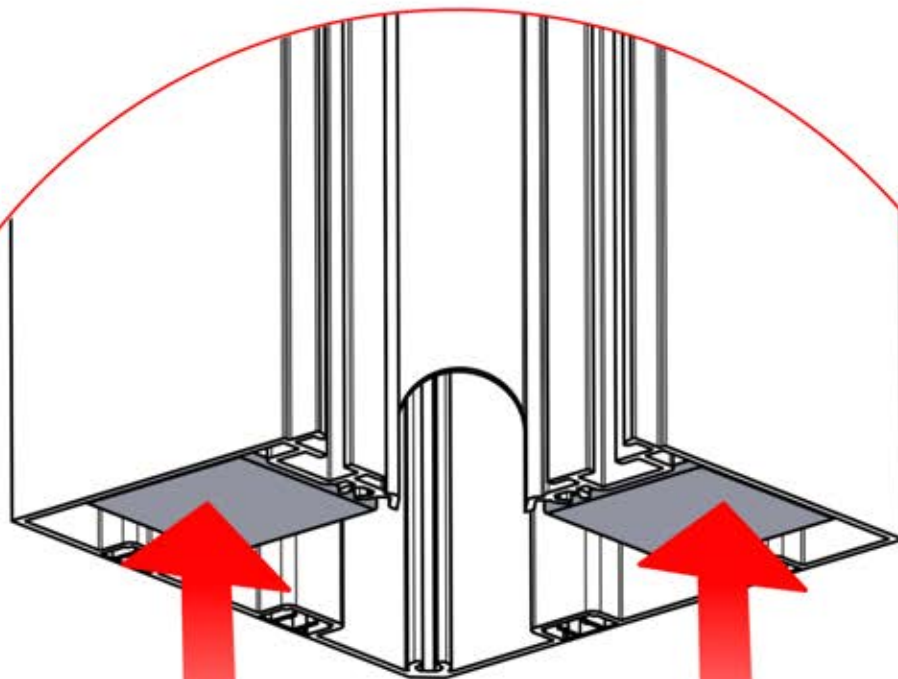
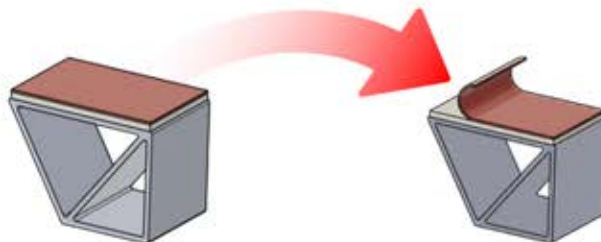
2

ANTHRACITE: B286
WHITE: B290
BLACK: B294



PN-200002286

8x



4



02



1

ANTHRACITE: C126
WHITE: C127
BLACK: C128



2

ANTHRACITE: B286
WHITE: B290
BLACK: B294



PN-200002467

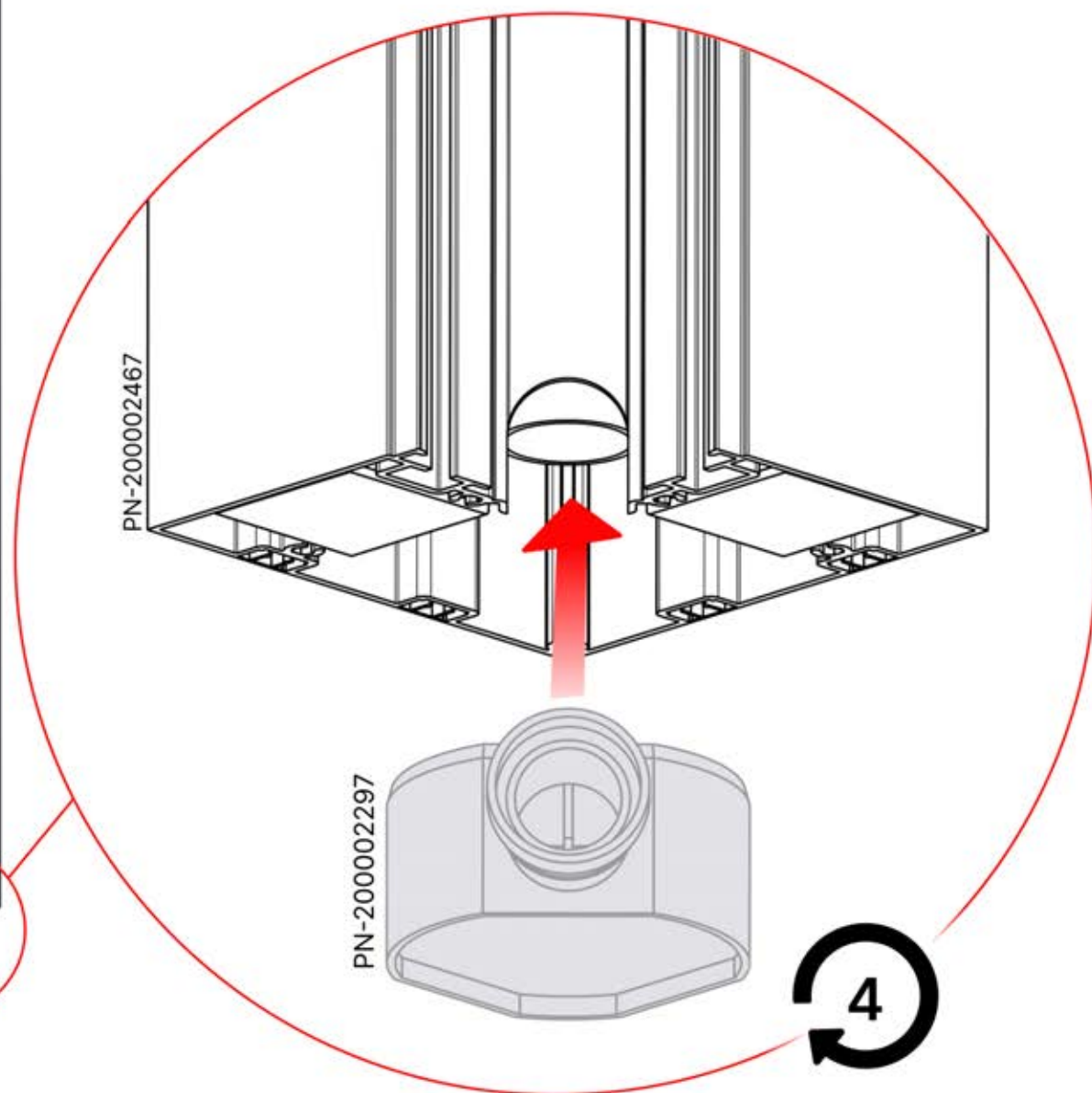
4x



PN-200002297

4x

PN-20000
3768



03

x2

PERGOLUX
PERGOLUX

1

ANTHRACITE: C126
WHITE: C127
BLACK: C128

x1

PERGOLUX

2

ANTHRACITE: B286
WHITE: B290
BLACK: B294



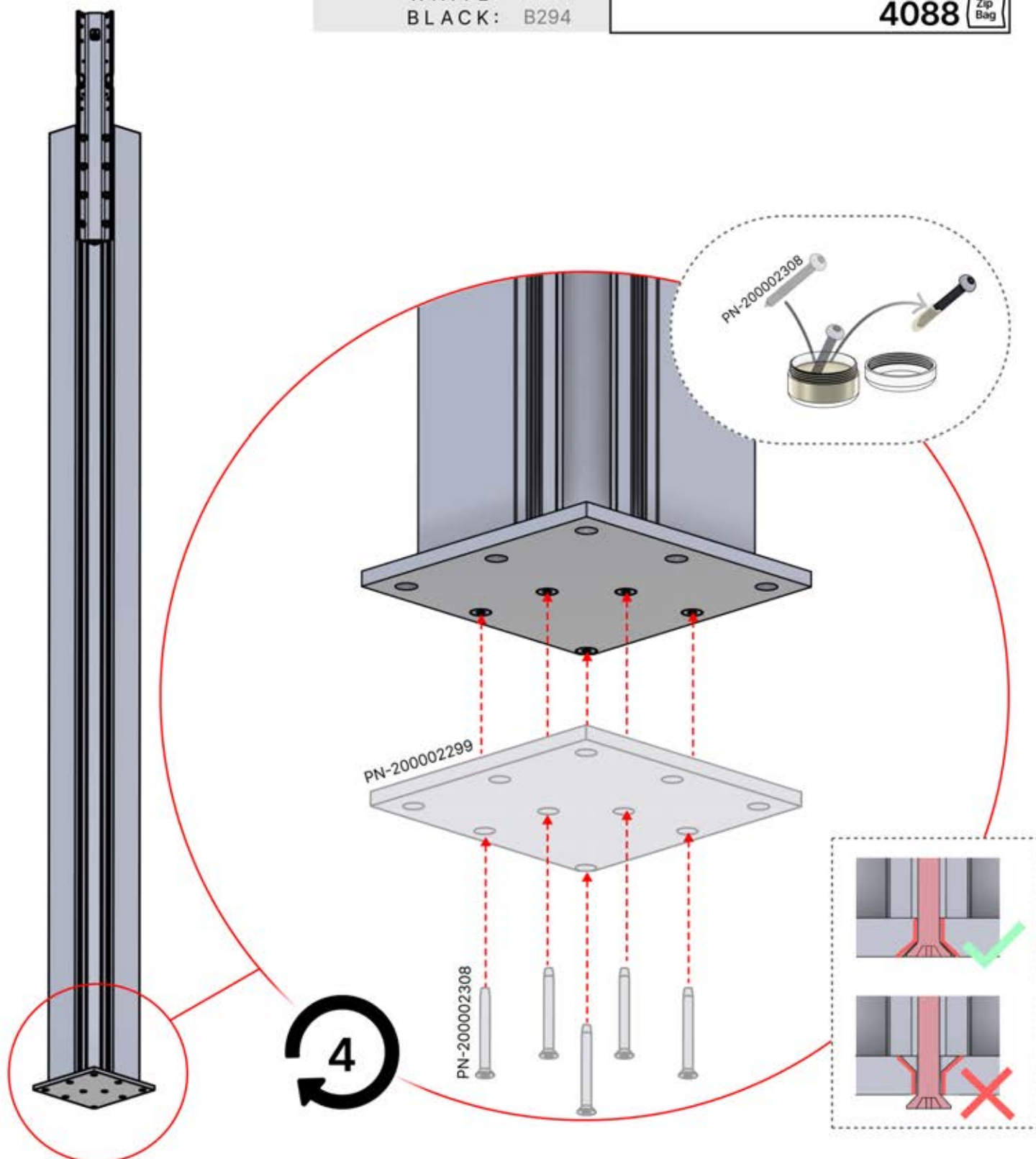
PN-200002299
4x



PN-200002308
20x

PN-200004088

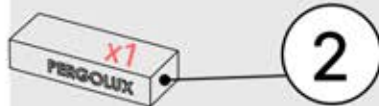
Zip Bag



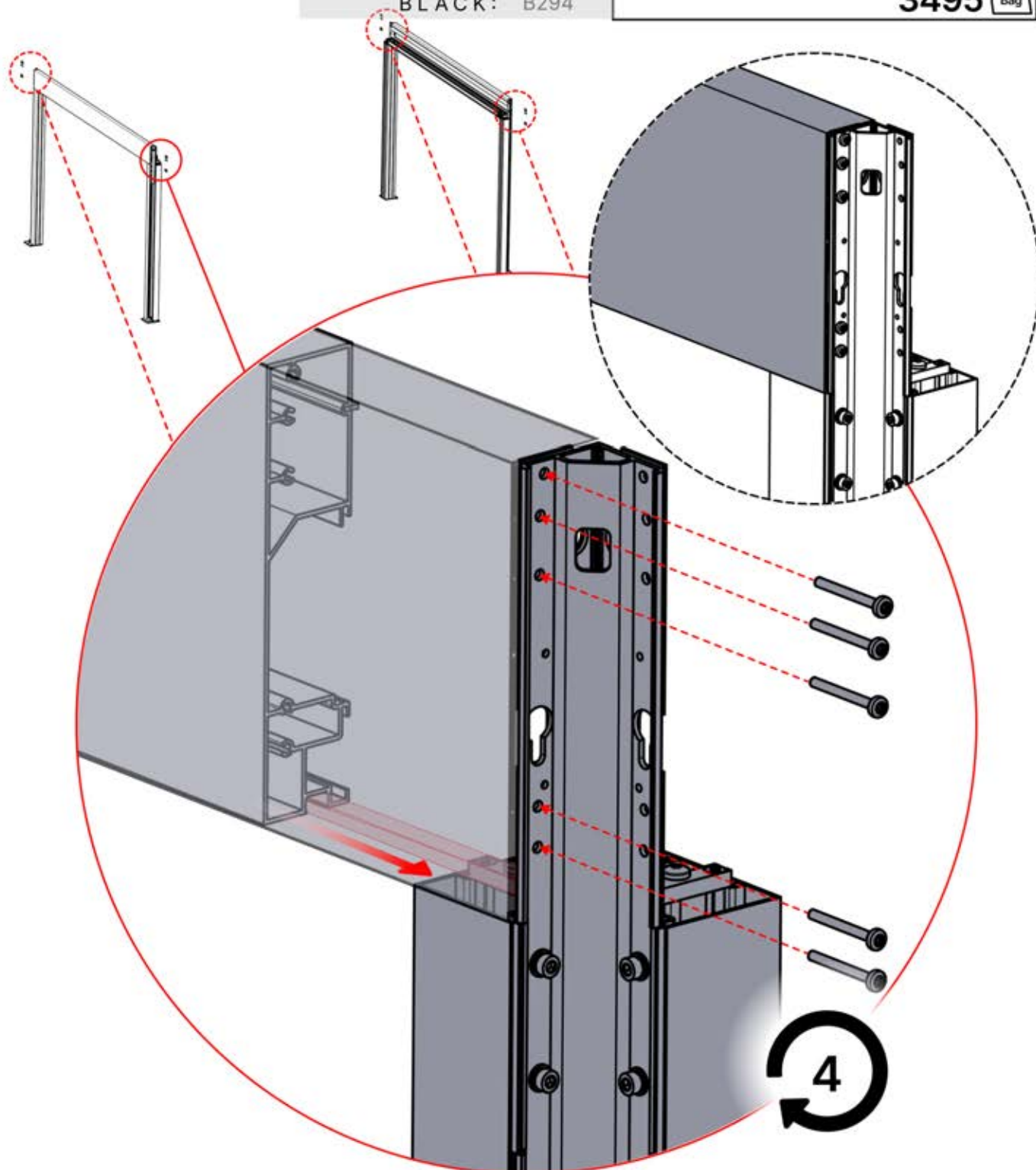
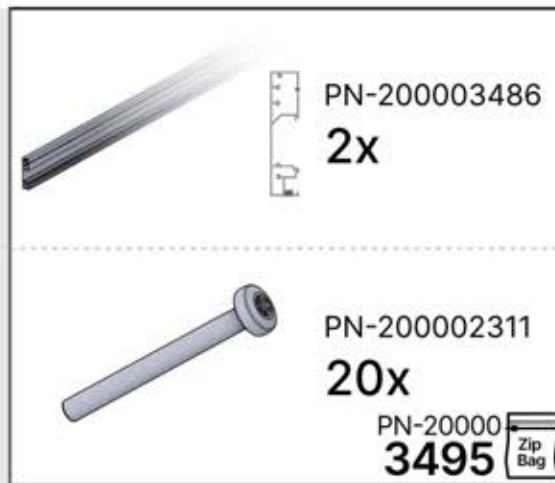
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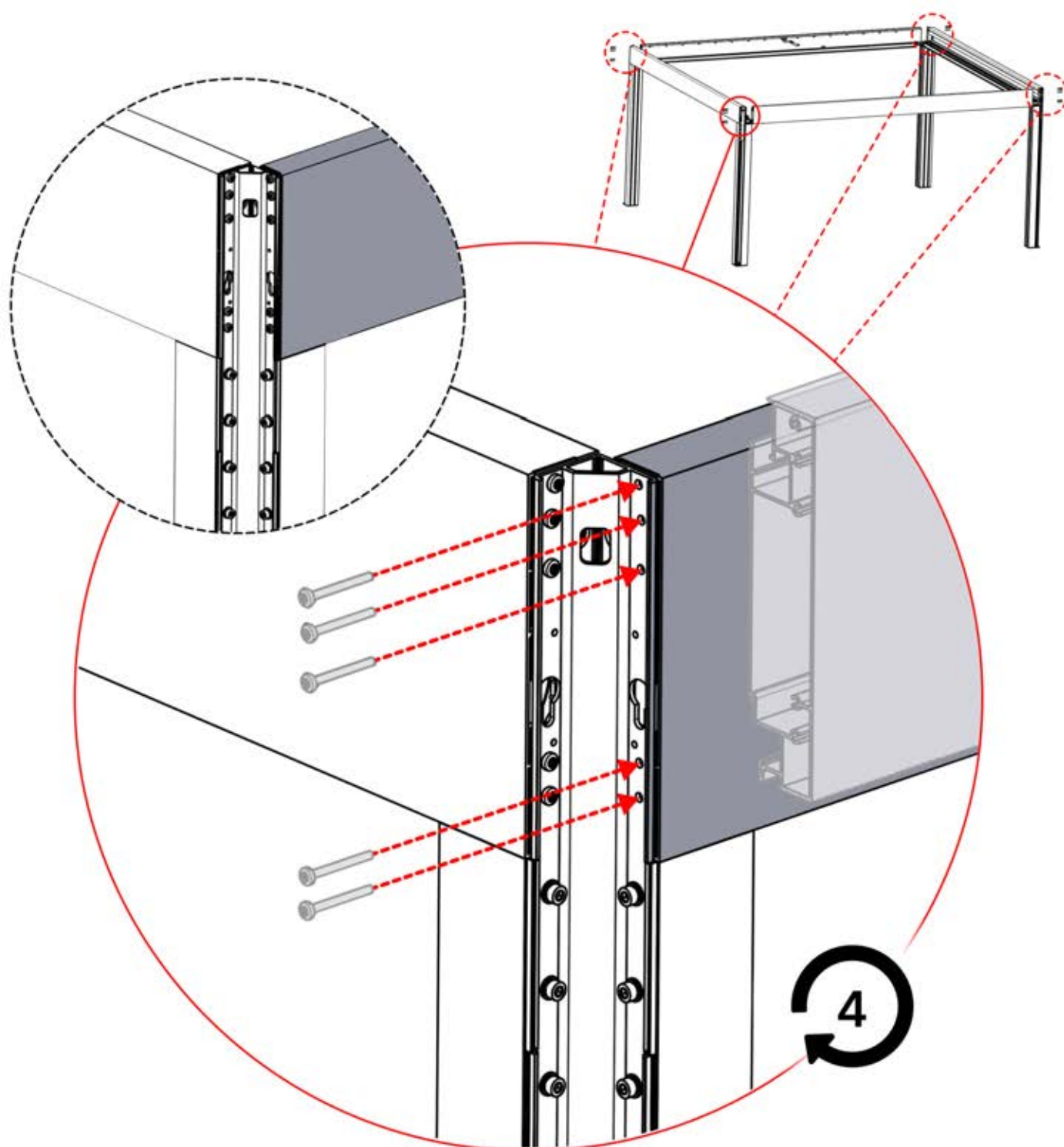
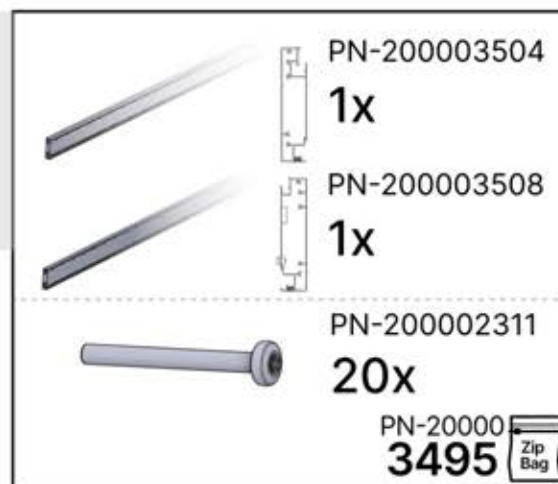
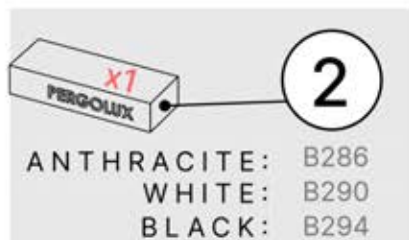
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WHITE: B310
BLACK: B312



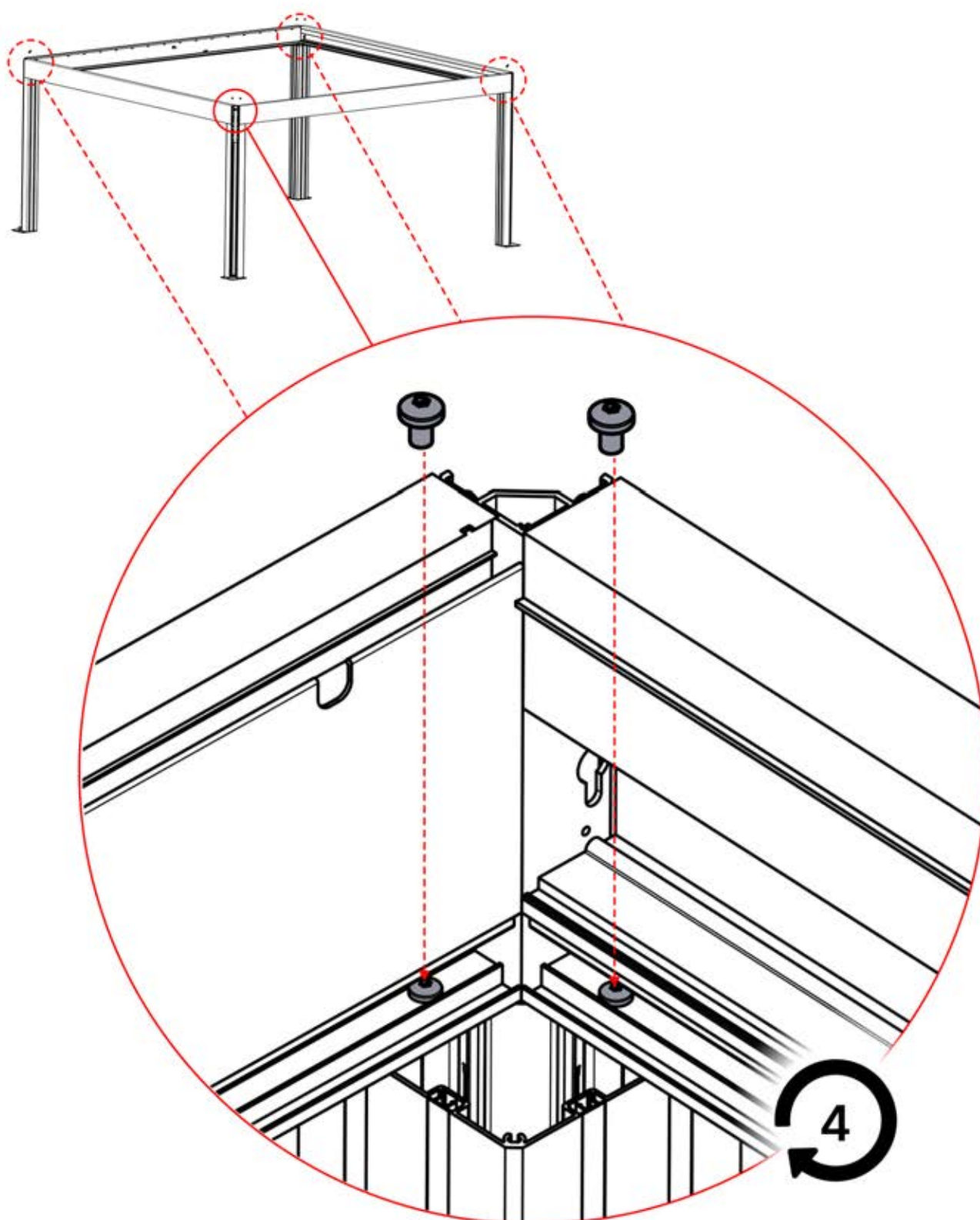
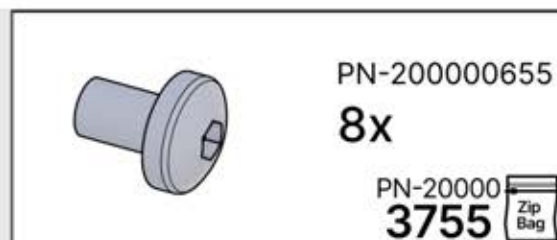
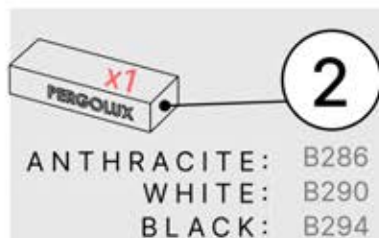
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WHITE: B290
BLACK: B294



05



06

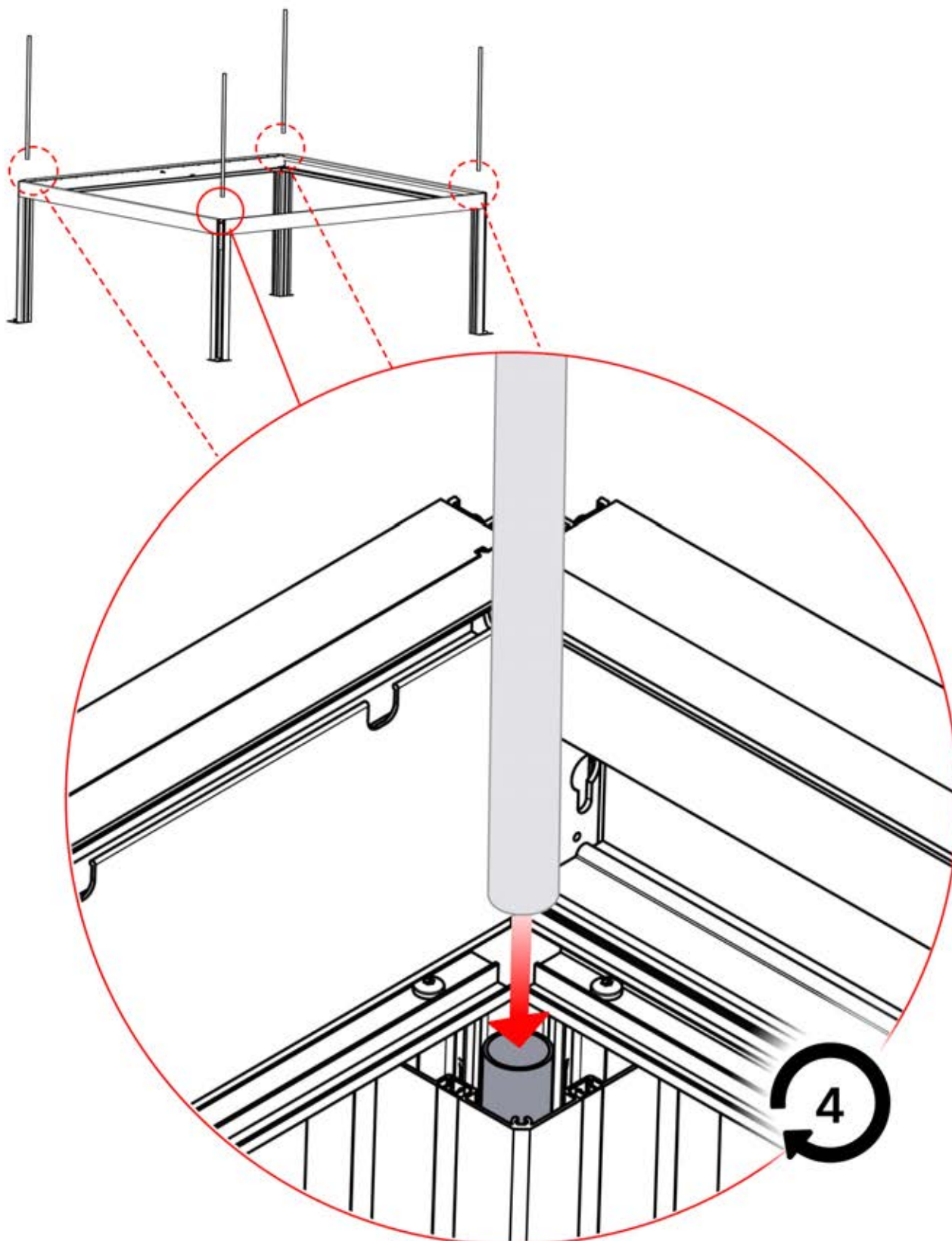
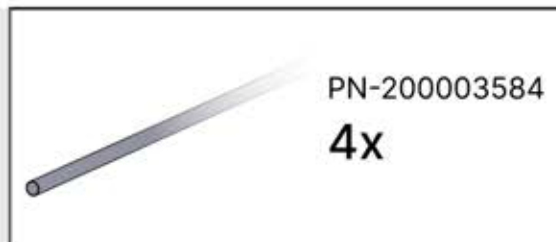


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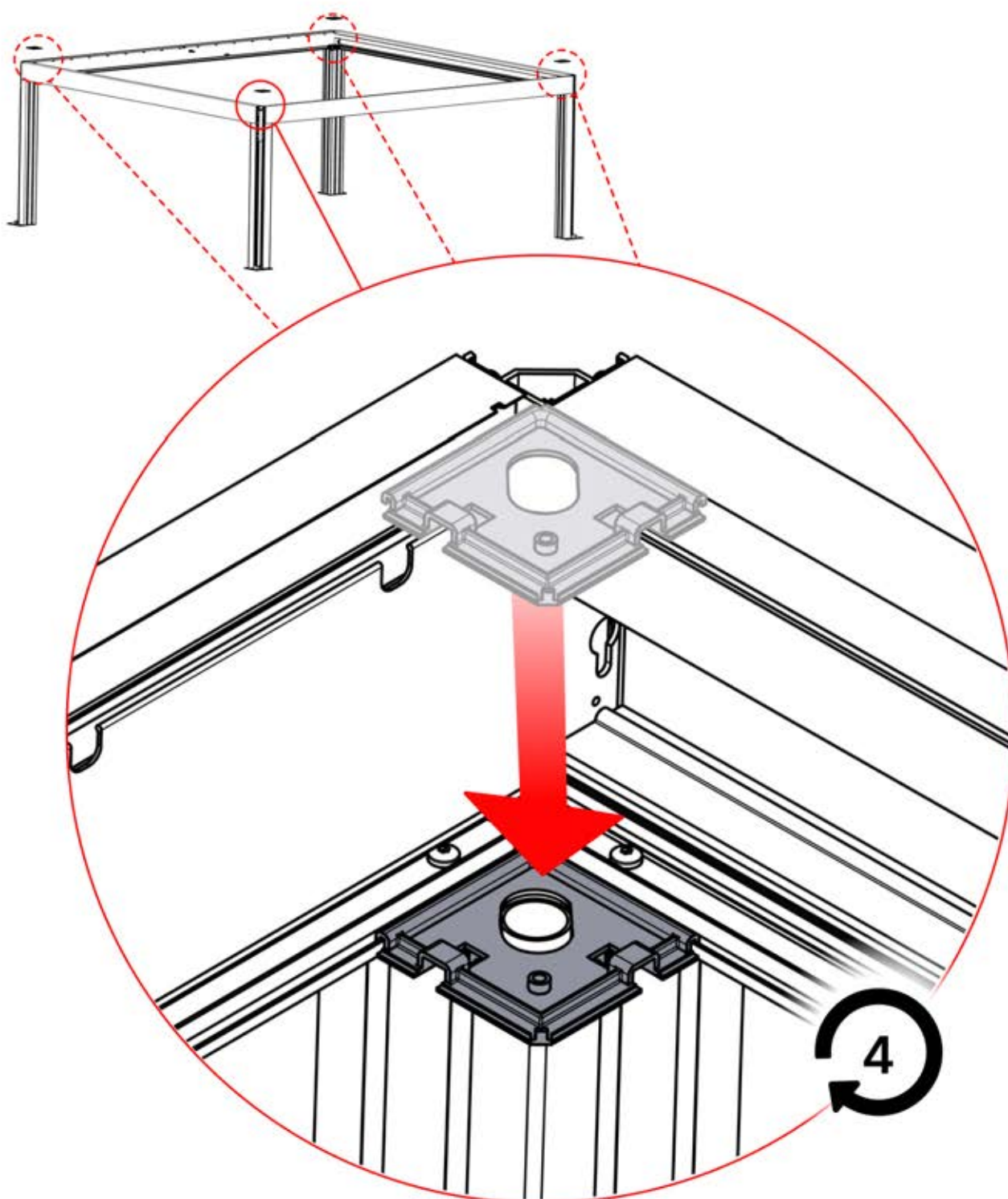
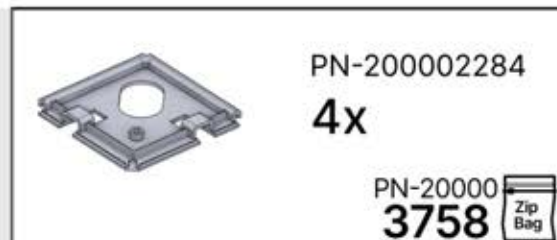
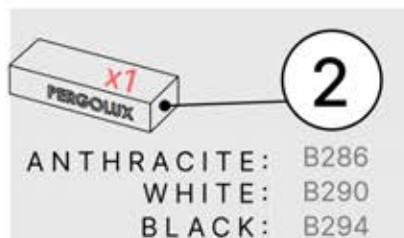


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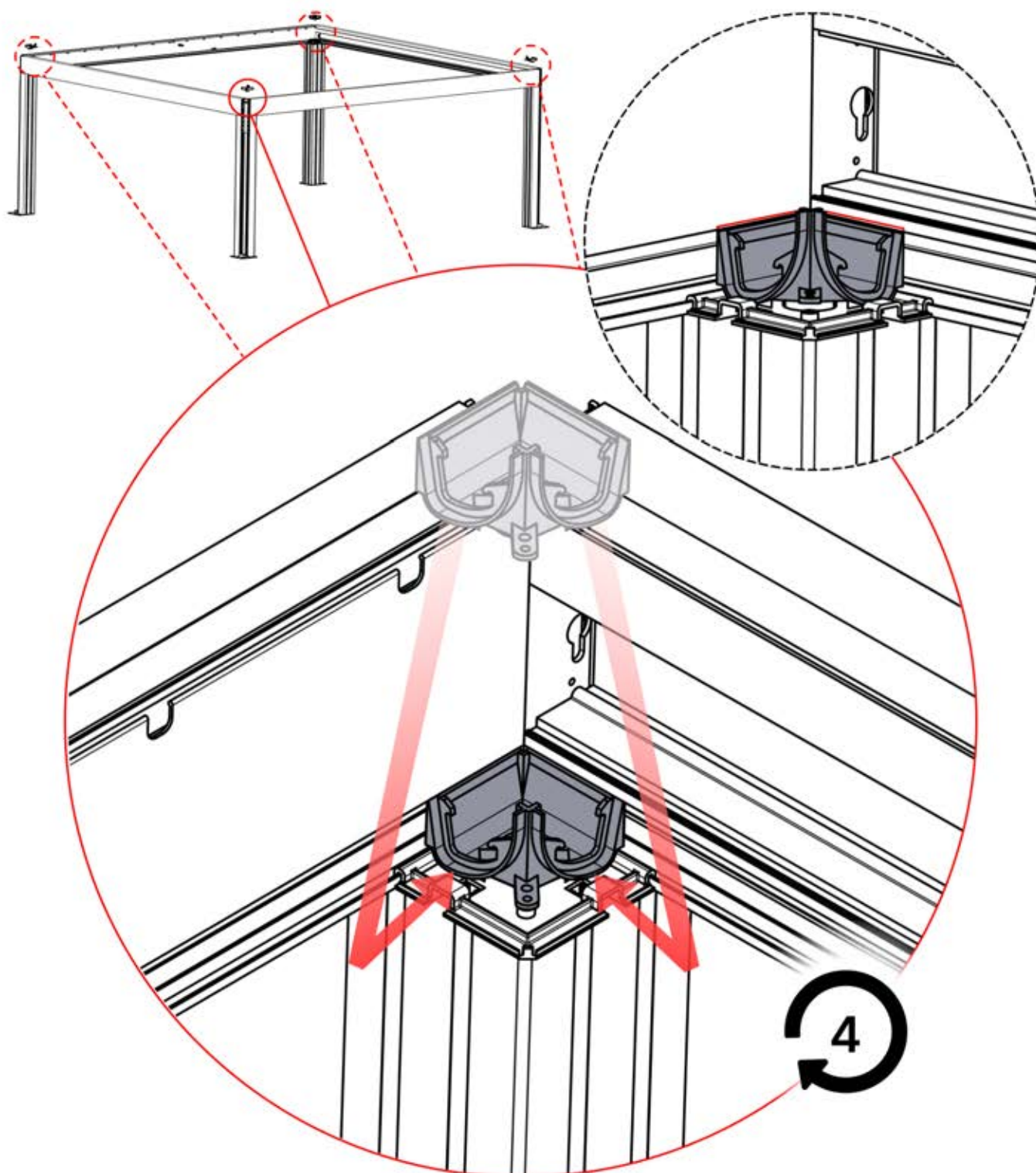
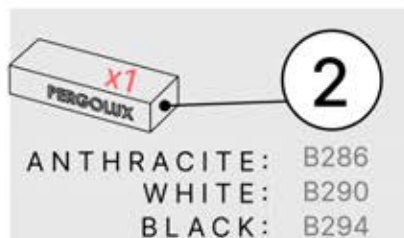
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WHITE: C127
BLACK: C128



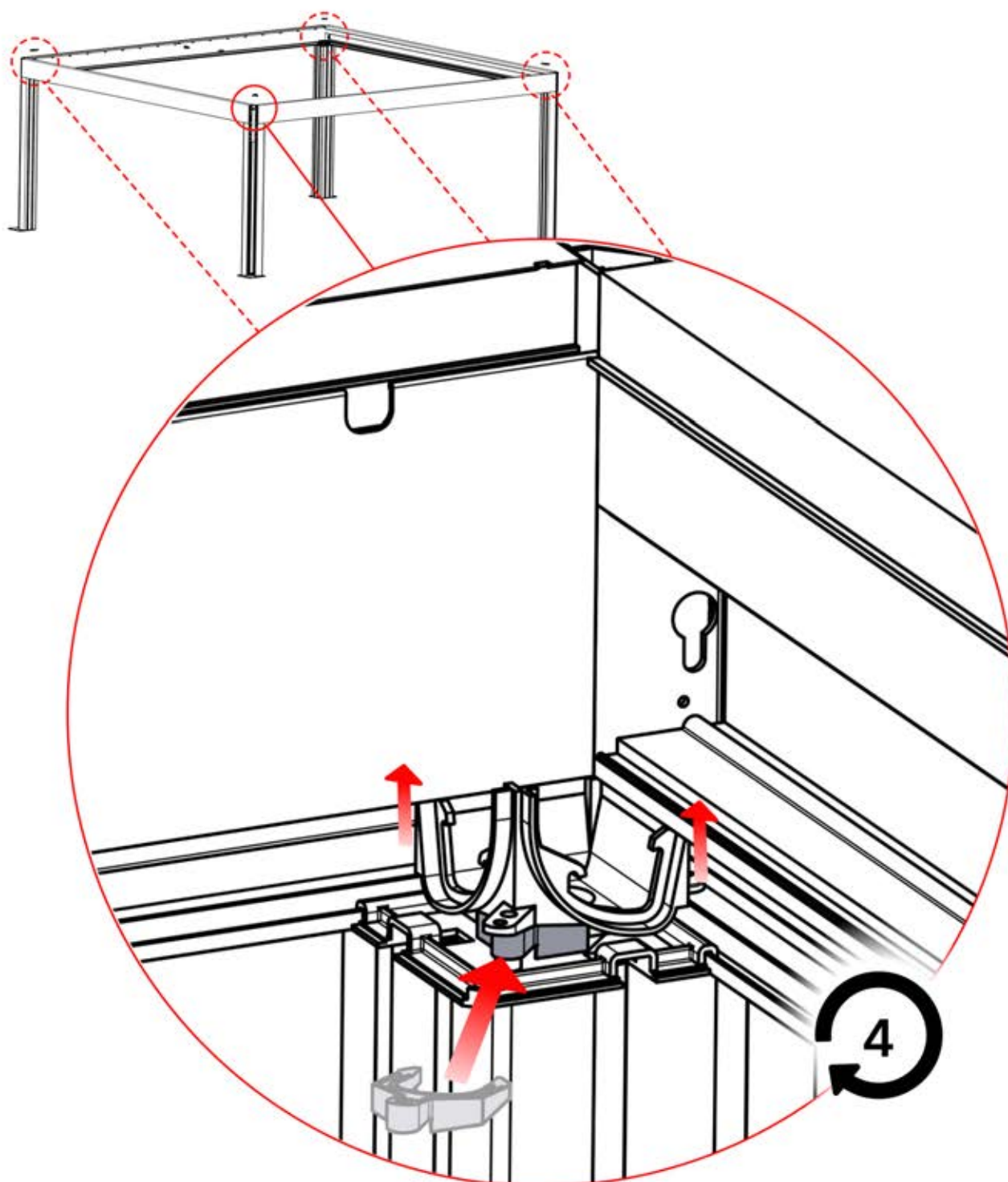
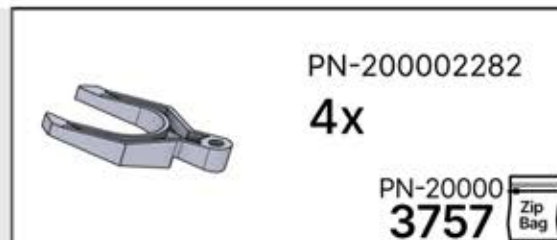
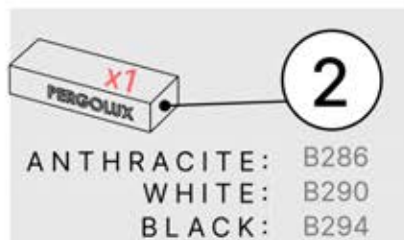
08



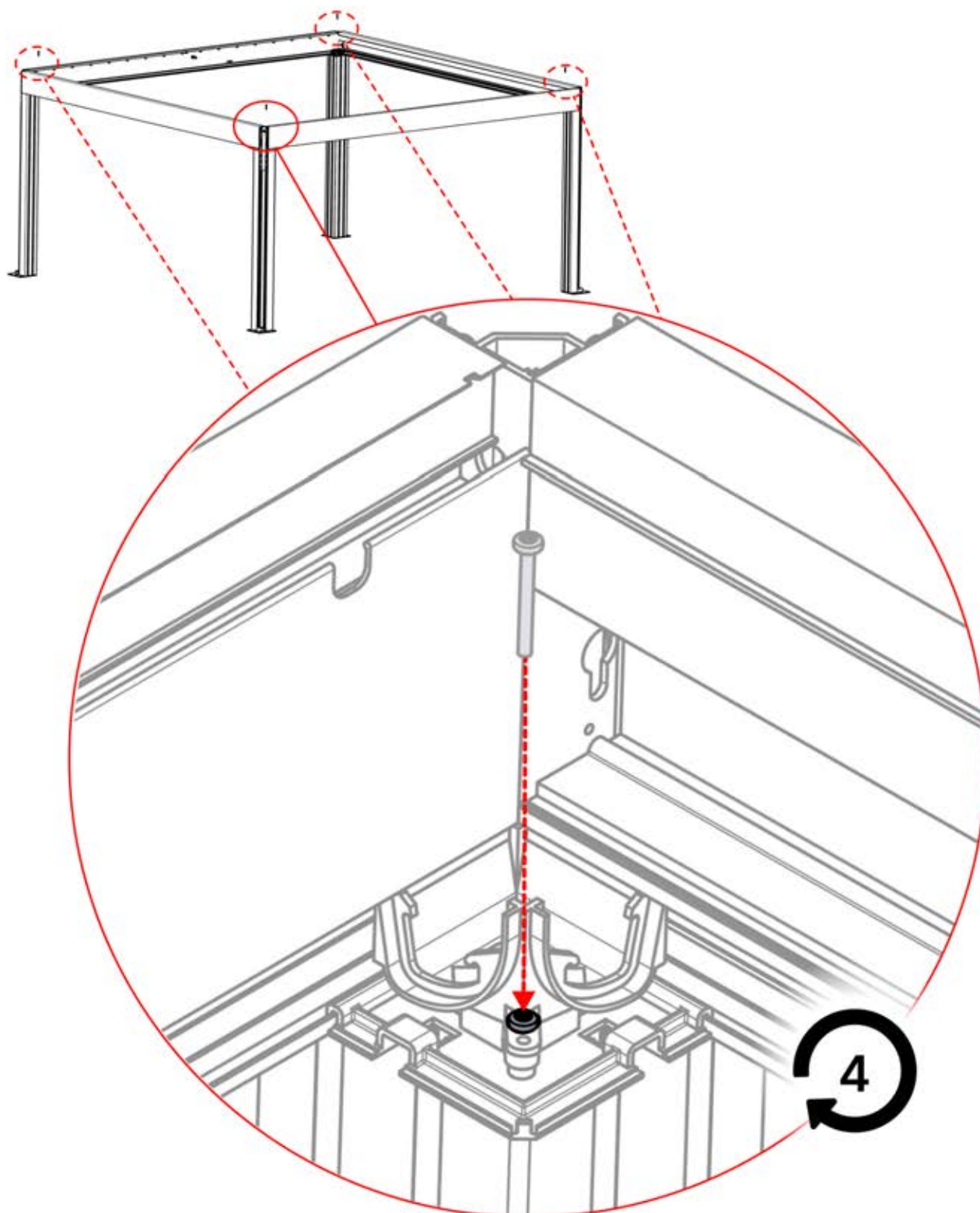
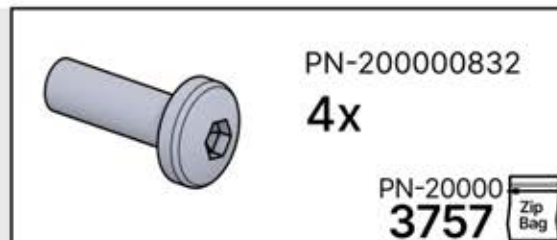
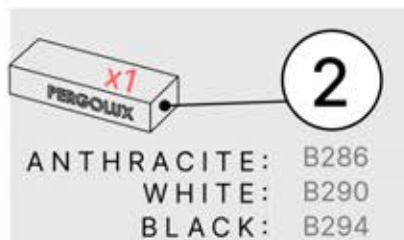
09



10



11



12


x7

2

ANTHRACITE: B286
 WHITE: B290
 BLACK: B294

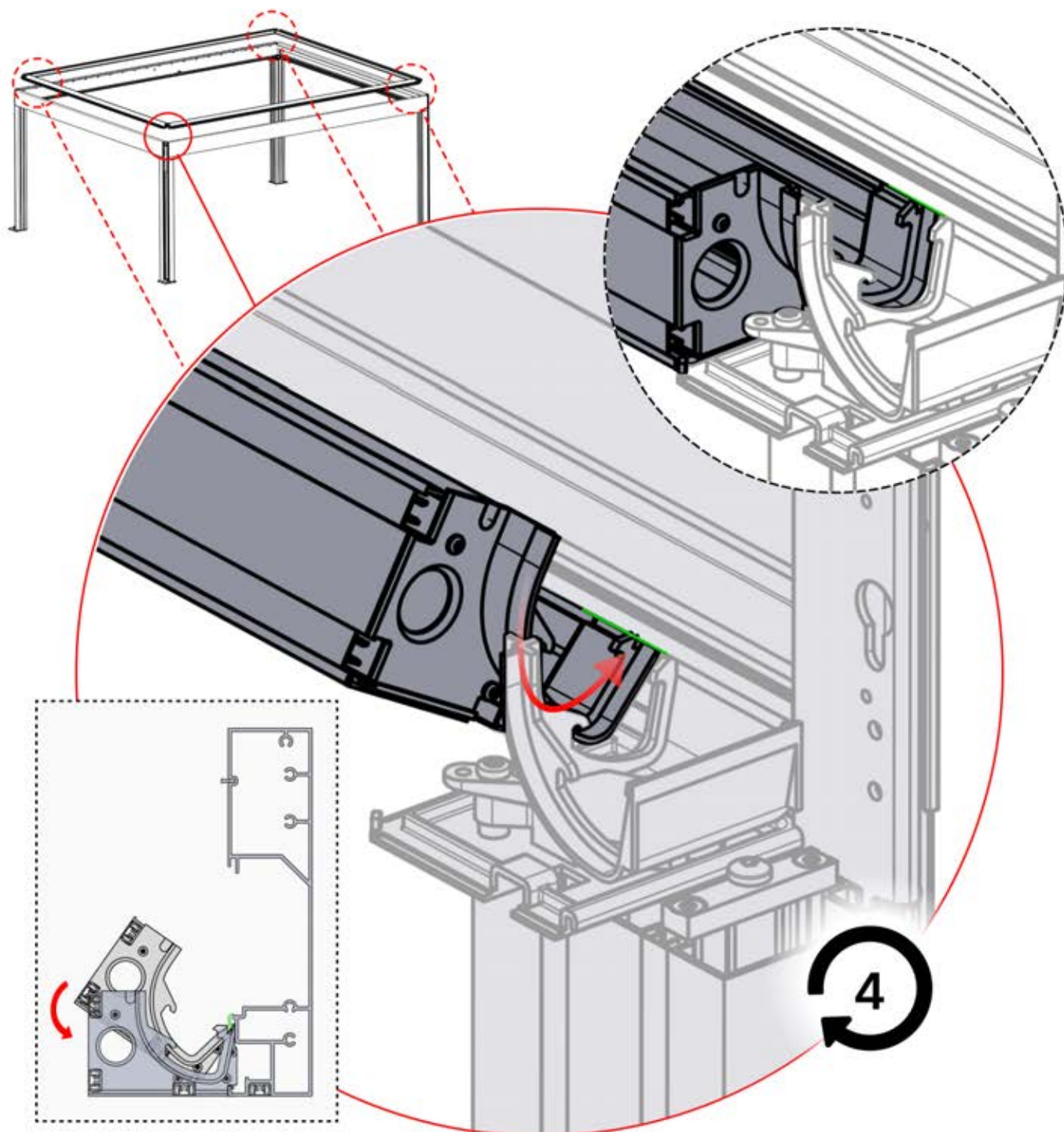

x7

3

ANTHRACITE: B308
 WHITE: B310
 BLACK: B312


PN-200002488
4x


PN-200002347
4x



13



3

ANTHRACITE: B308
 WHITE: B310
 BLACK: B312



2

ANTHRACITE: B286
 WHITE: B290
 BLACK: B294



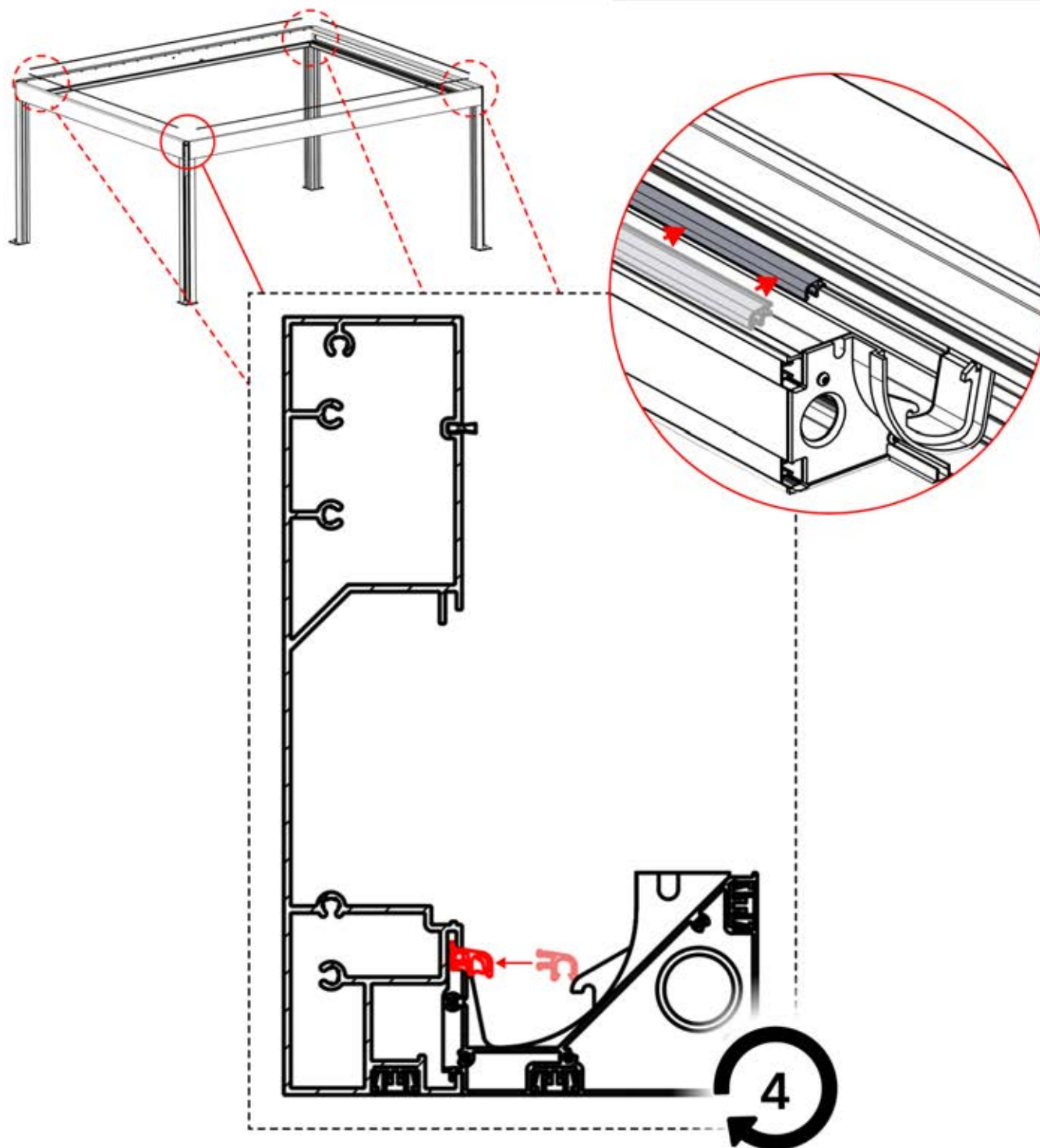
PN-200002323

2x



PN-200002491

2x



INFORMATION

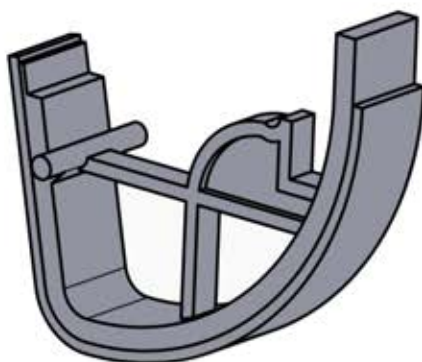


Apply grease to
part



2

ANTHRACITE: B286
WHITE: B290
BLACK: B294



PN-200003051

8x



PN-200003049

8x



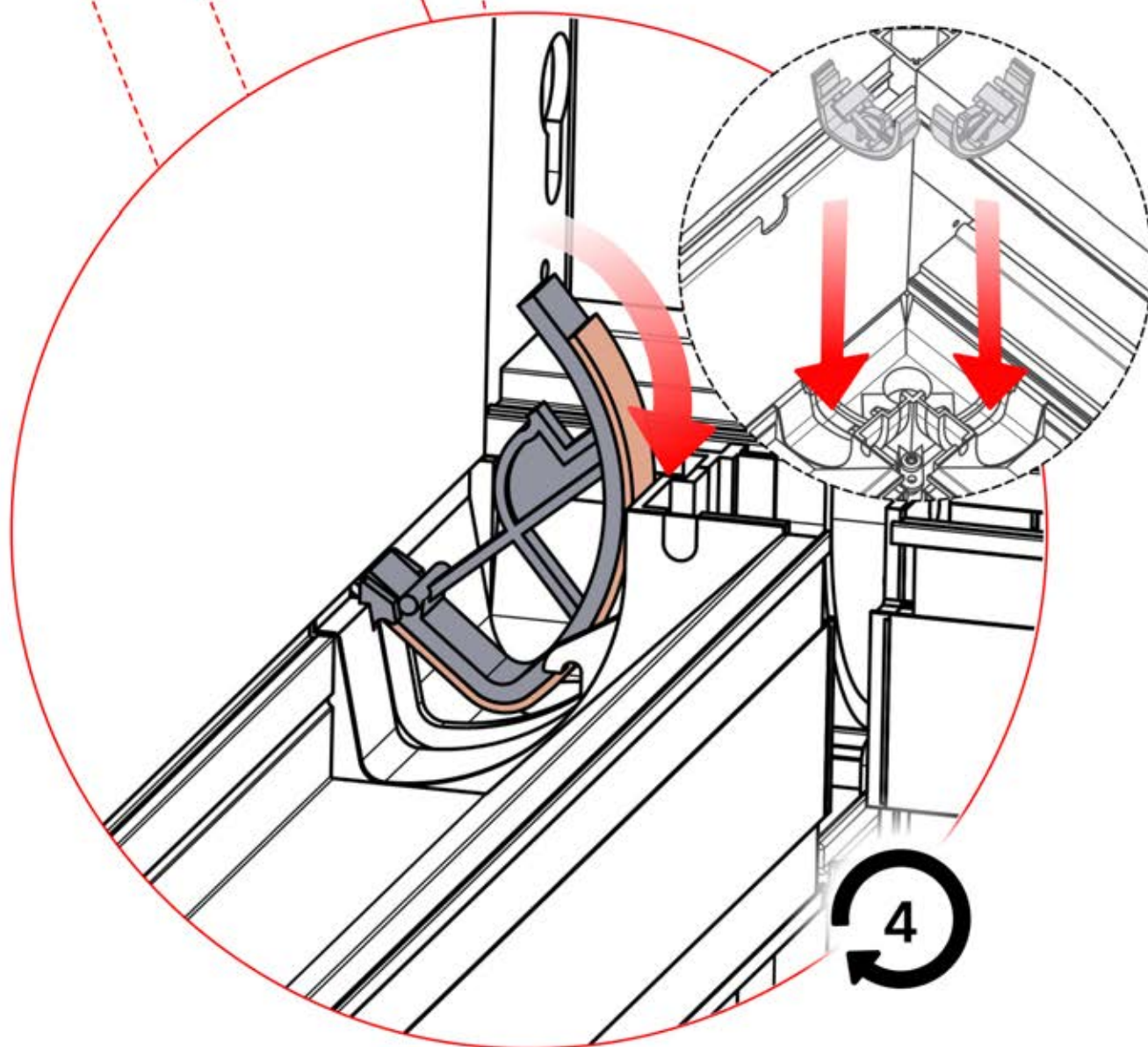
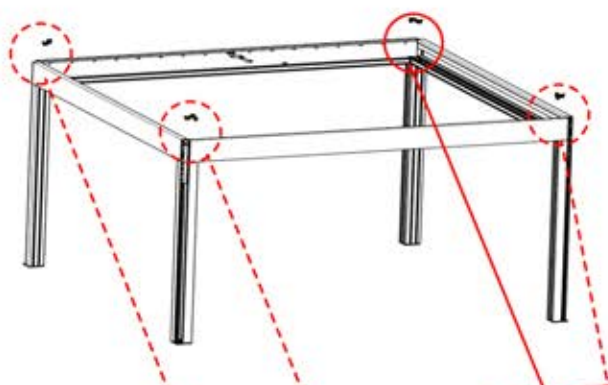
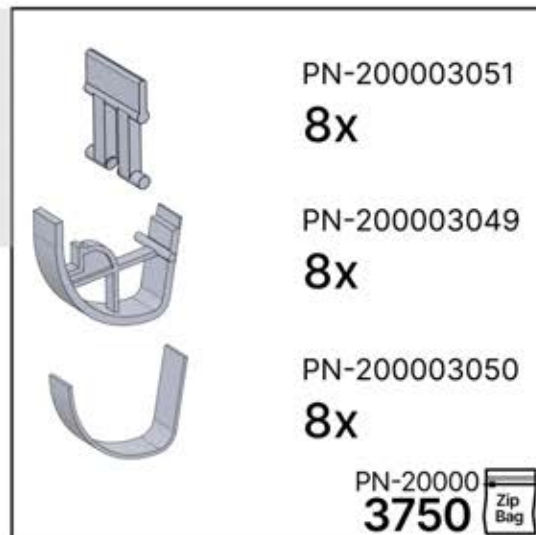
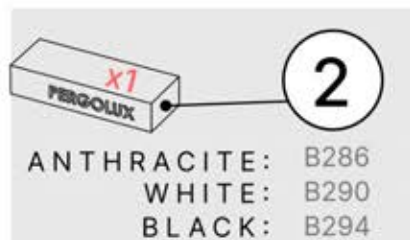
PN-200003050

8x

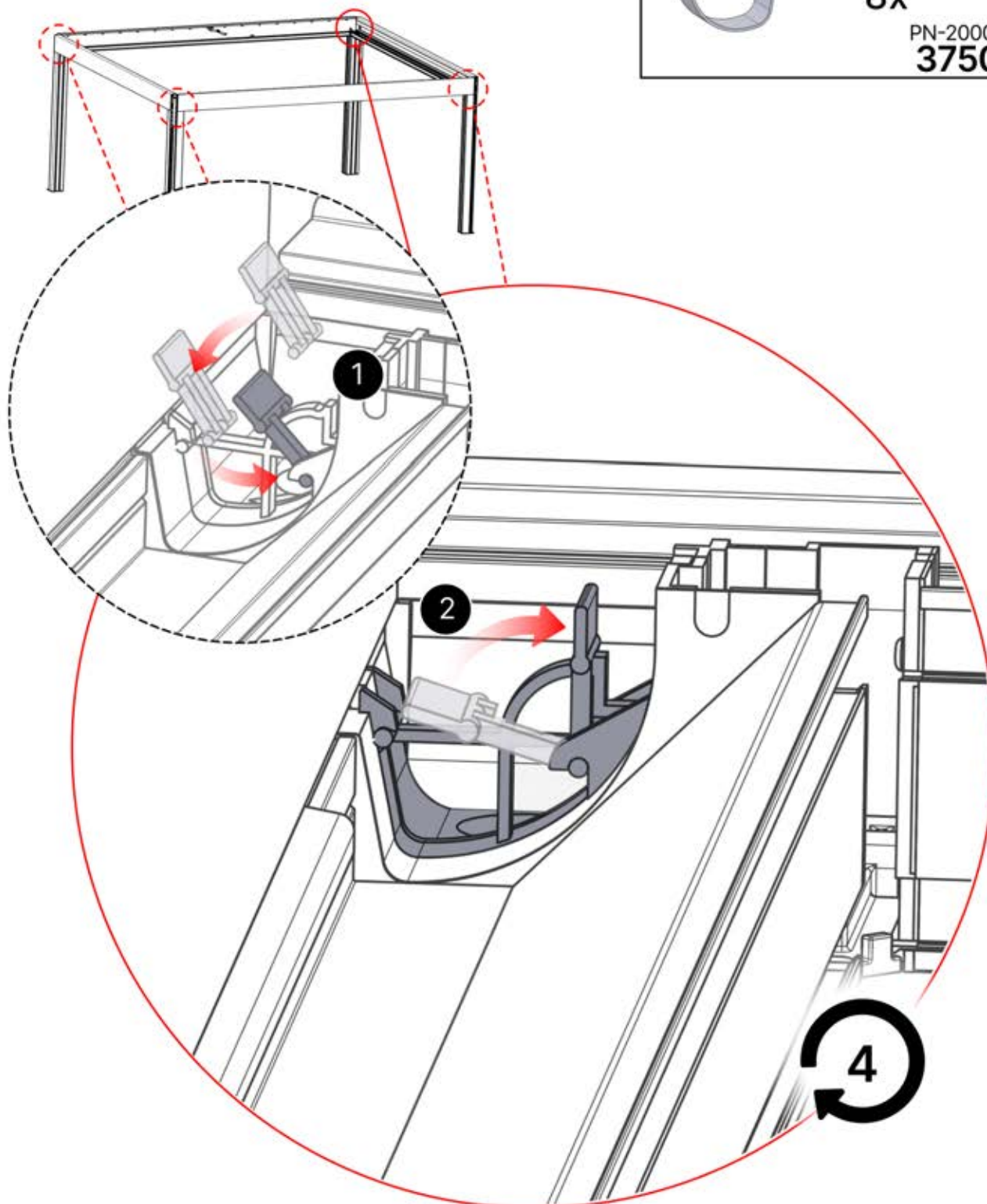
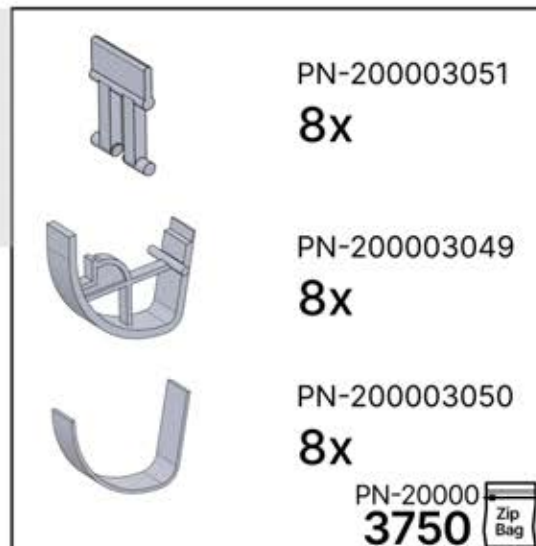
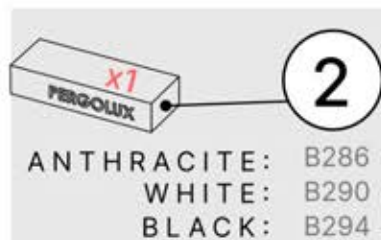
PN-20000
3750



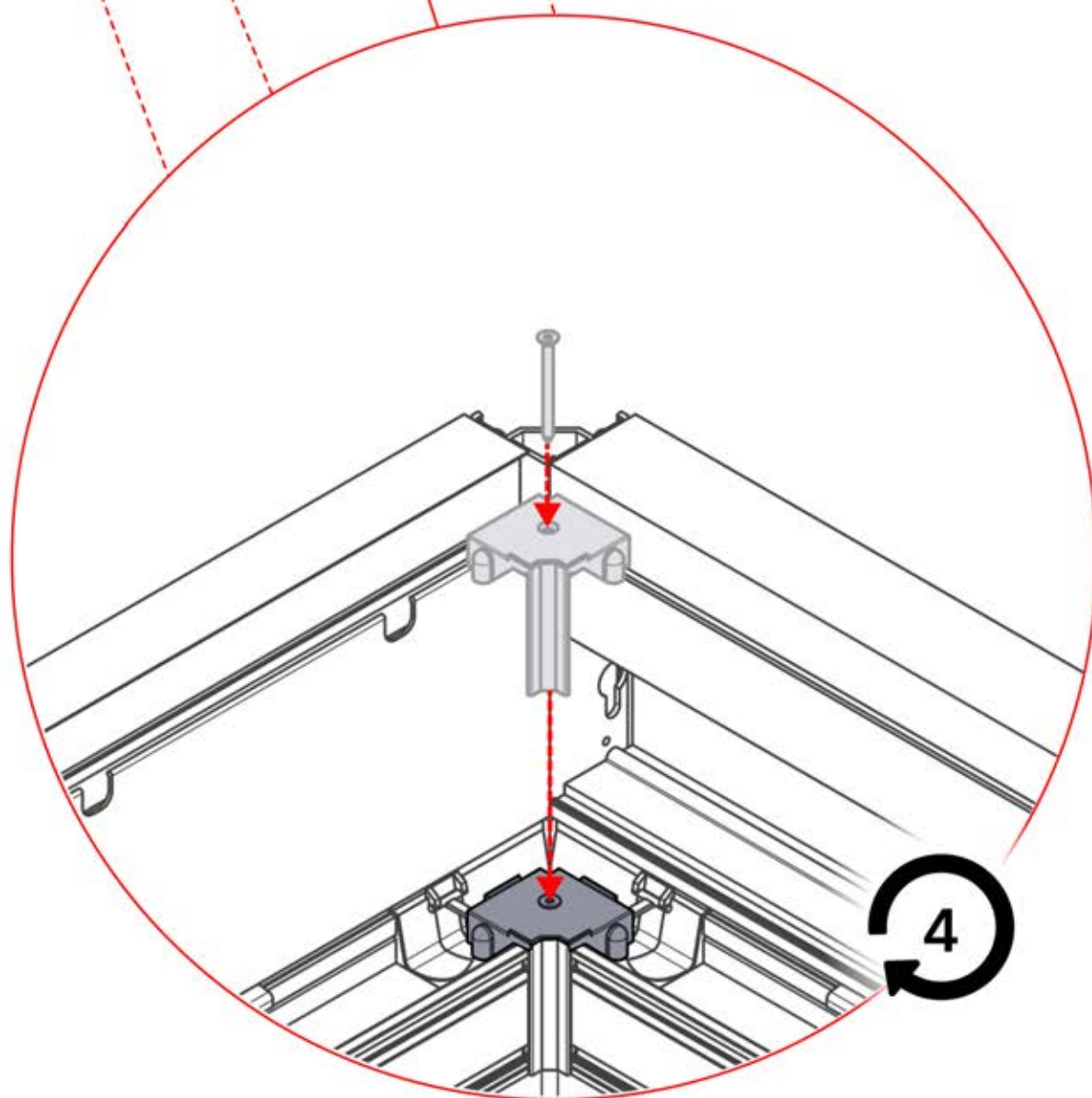
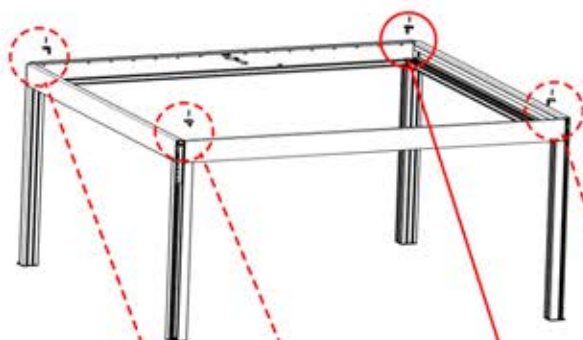
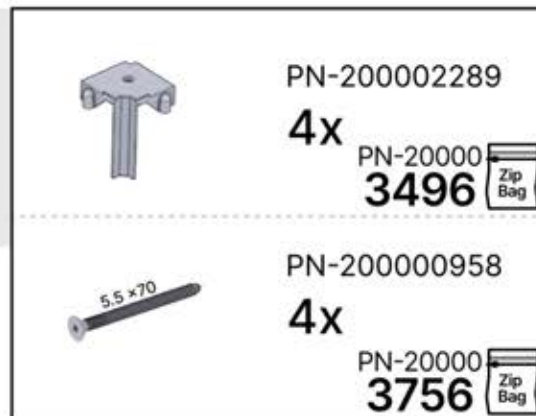
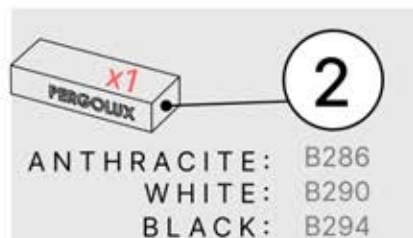
14



15



16



17



2

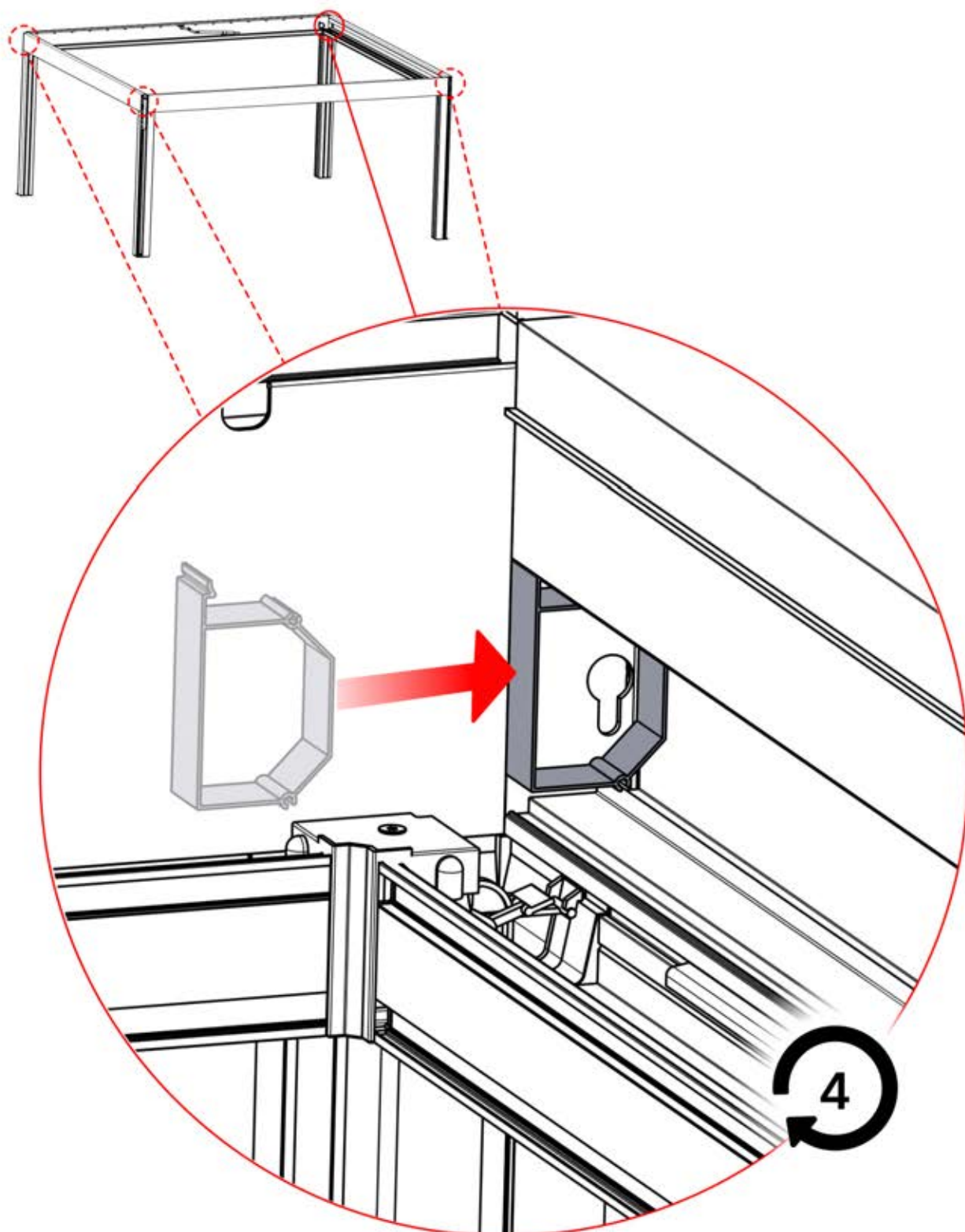
ANTHRACITE: B286
WHITE: B290
BLACK: B294



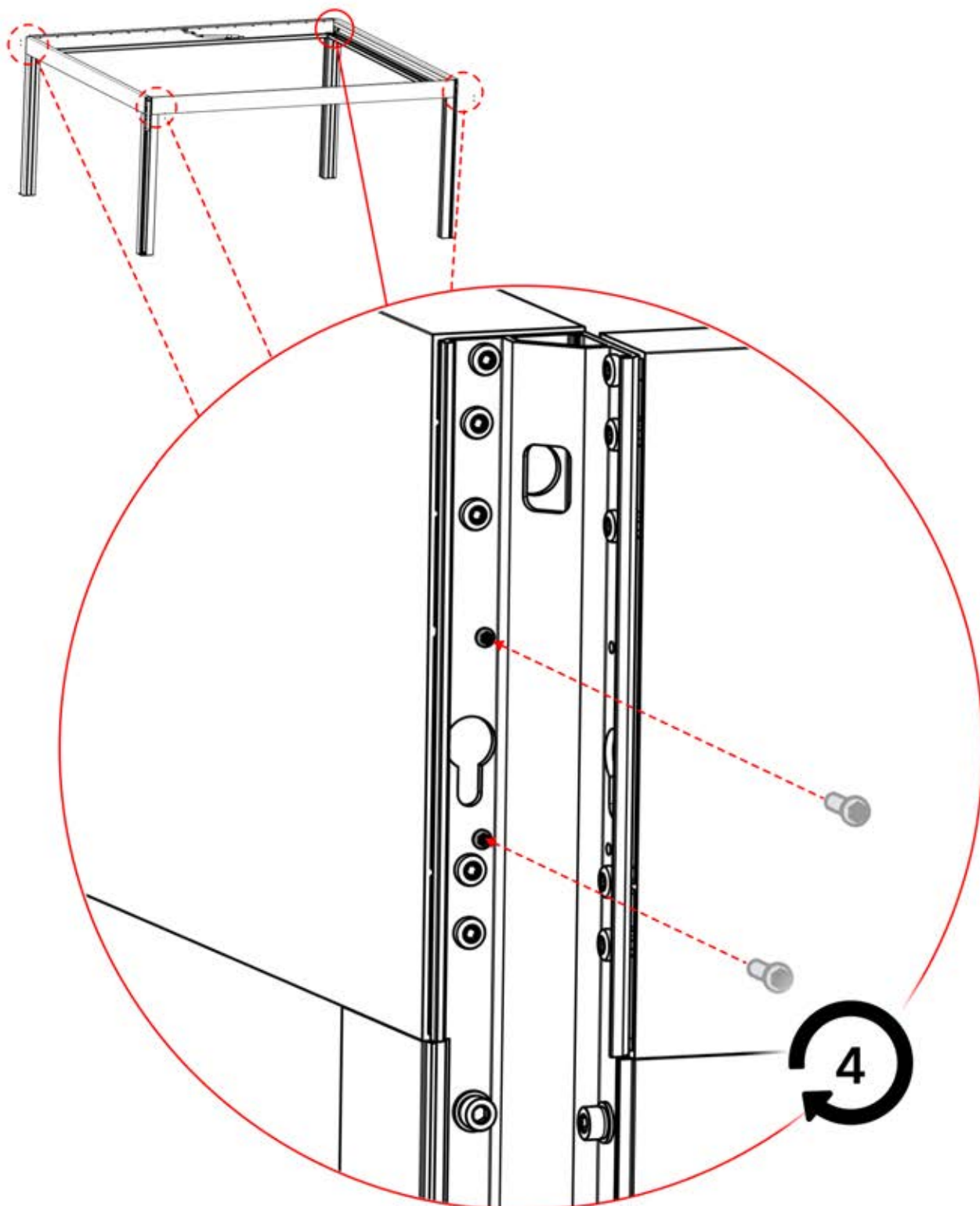
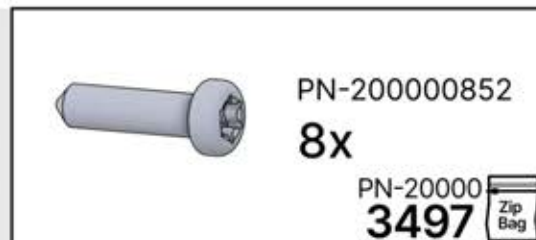
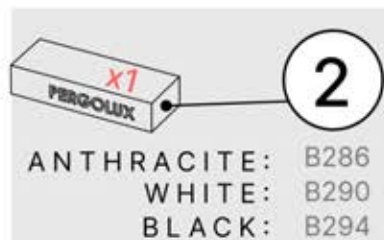
PN-200002329

4x

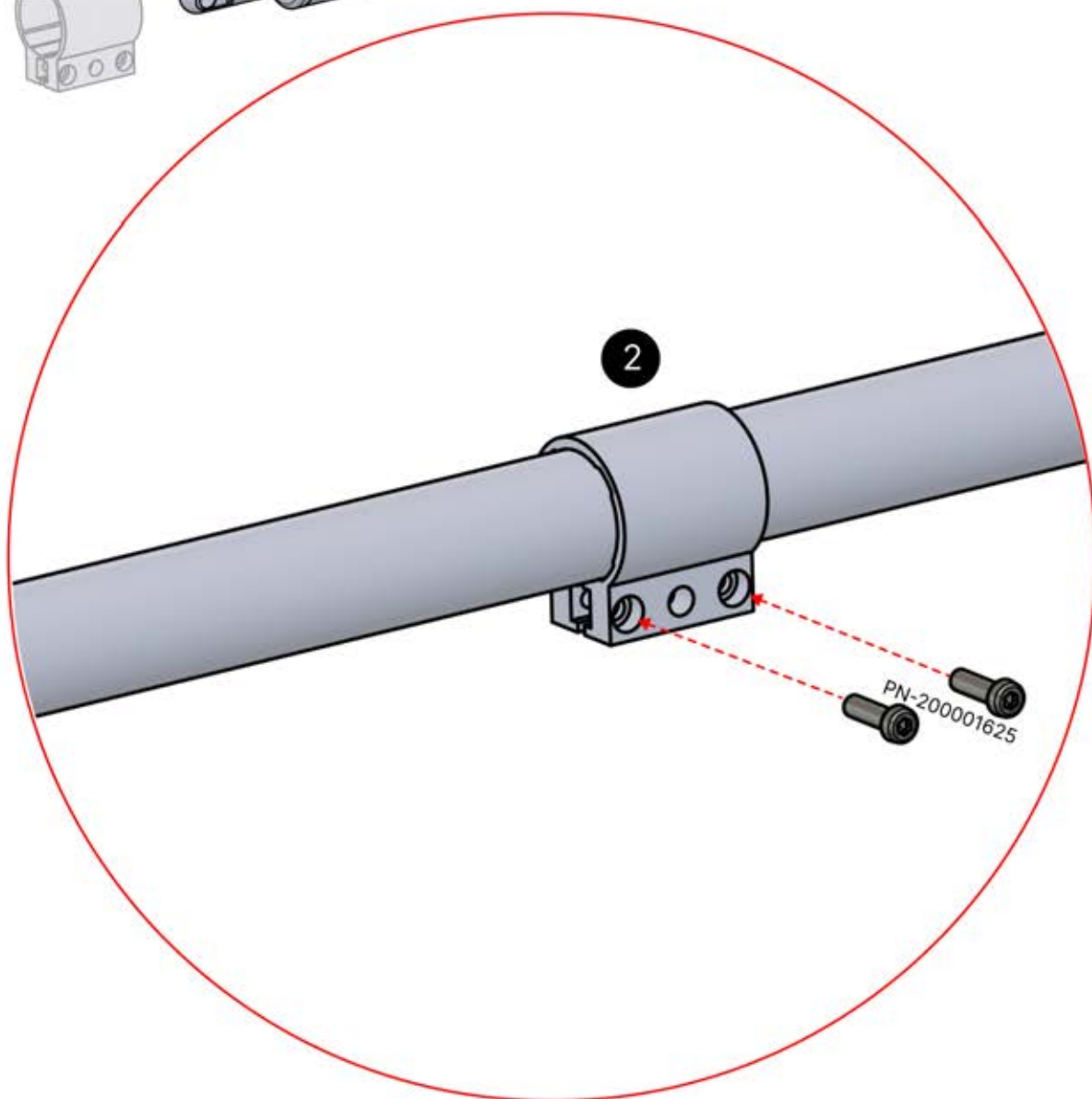
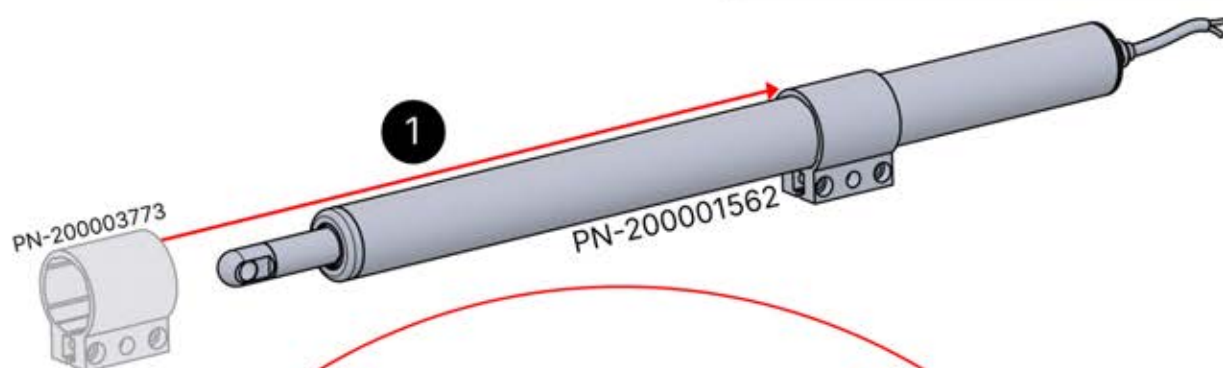
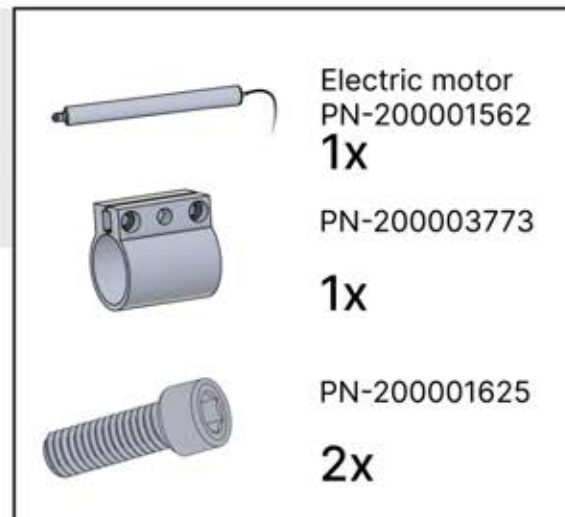
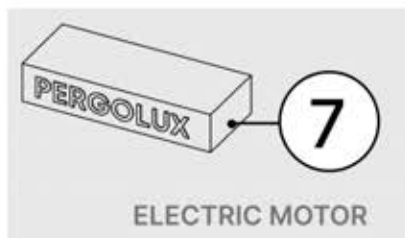
PN-20000
3497



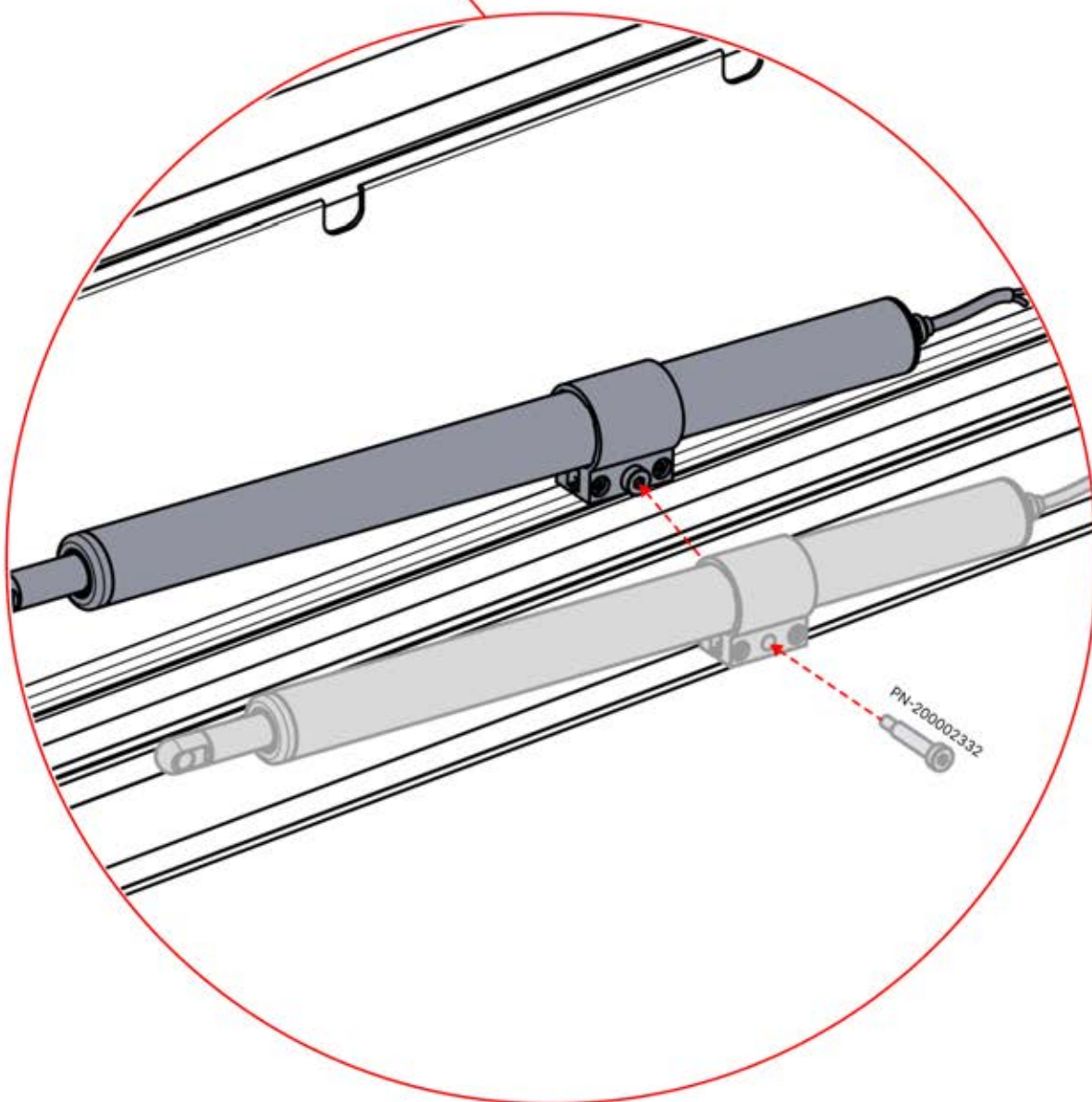
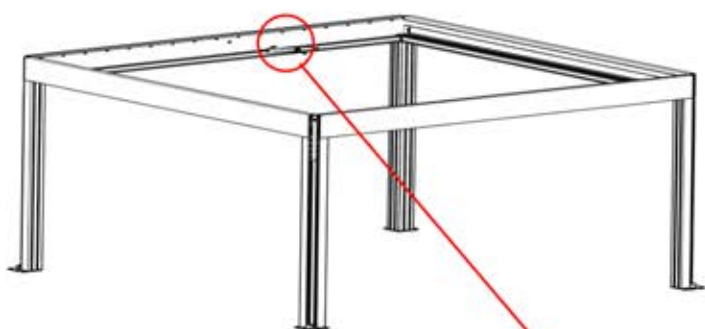
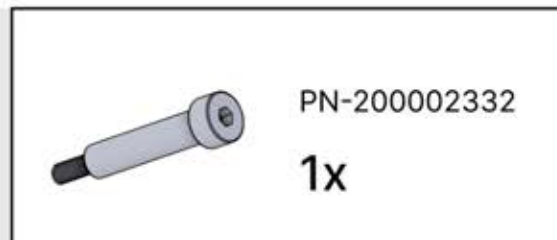
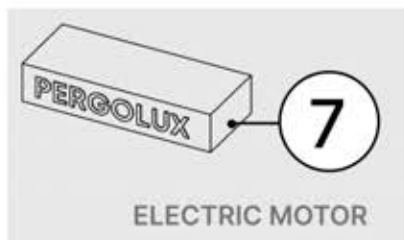
18



19

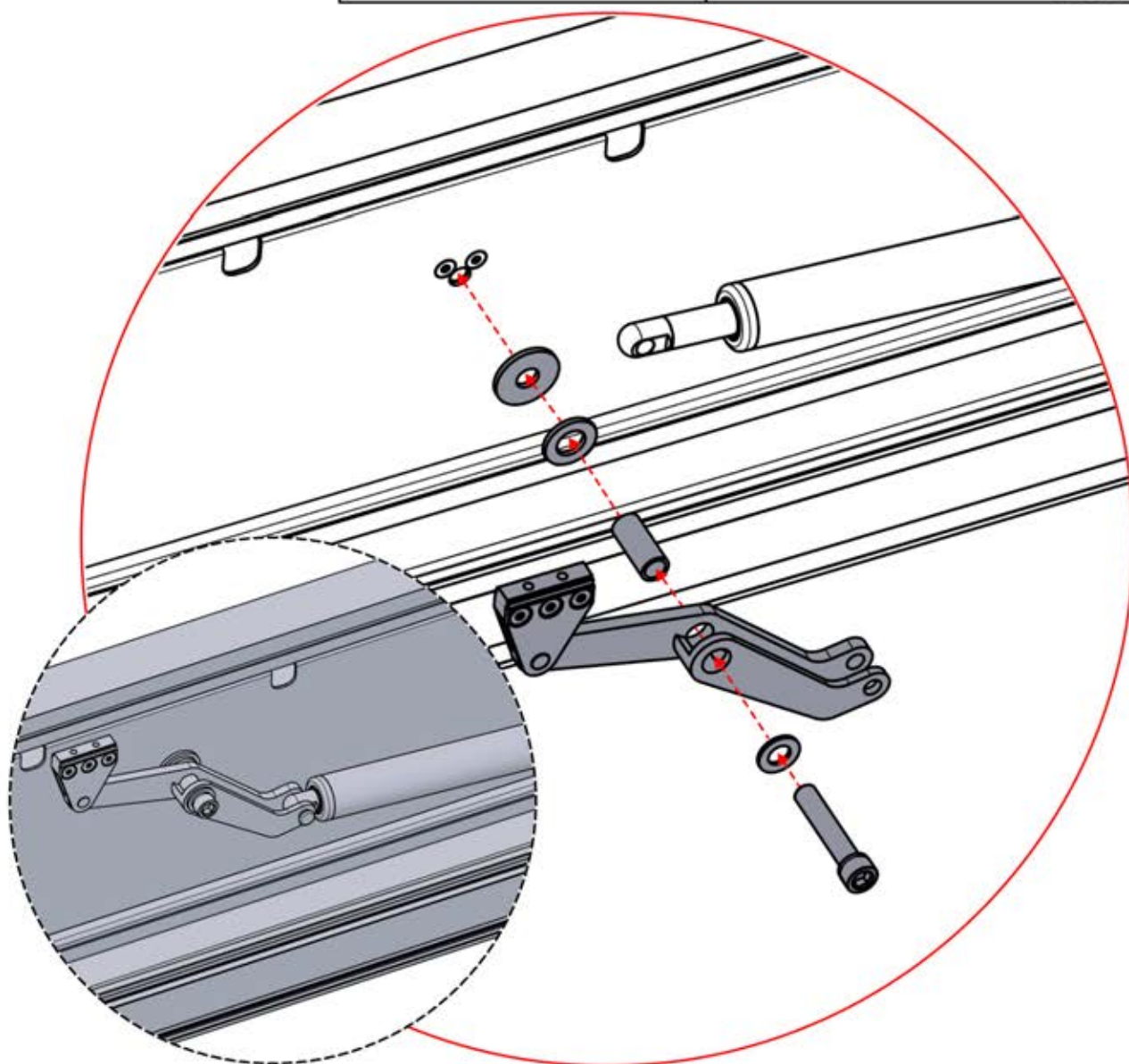


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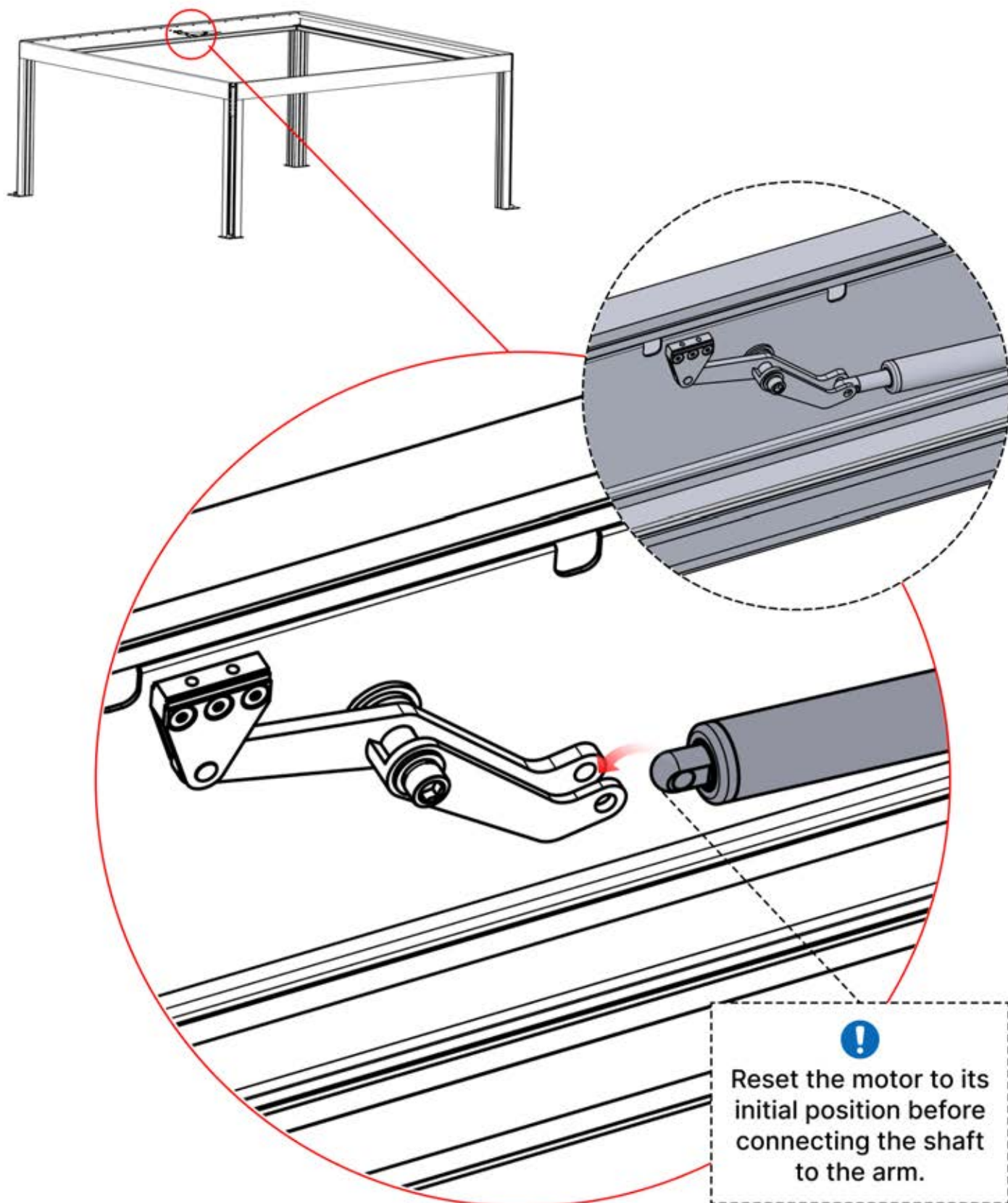


21

 ANTHRACITE: B286 WHITE: B290 BLACK: B294	 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



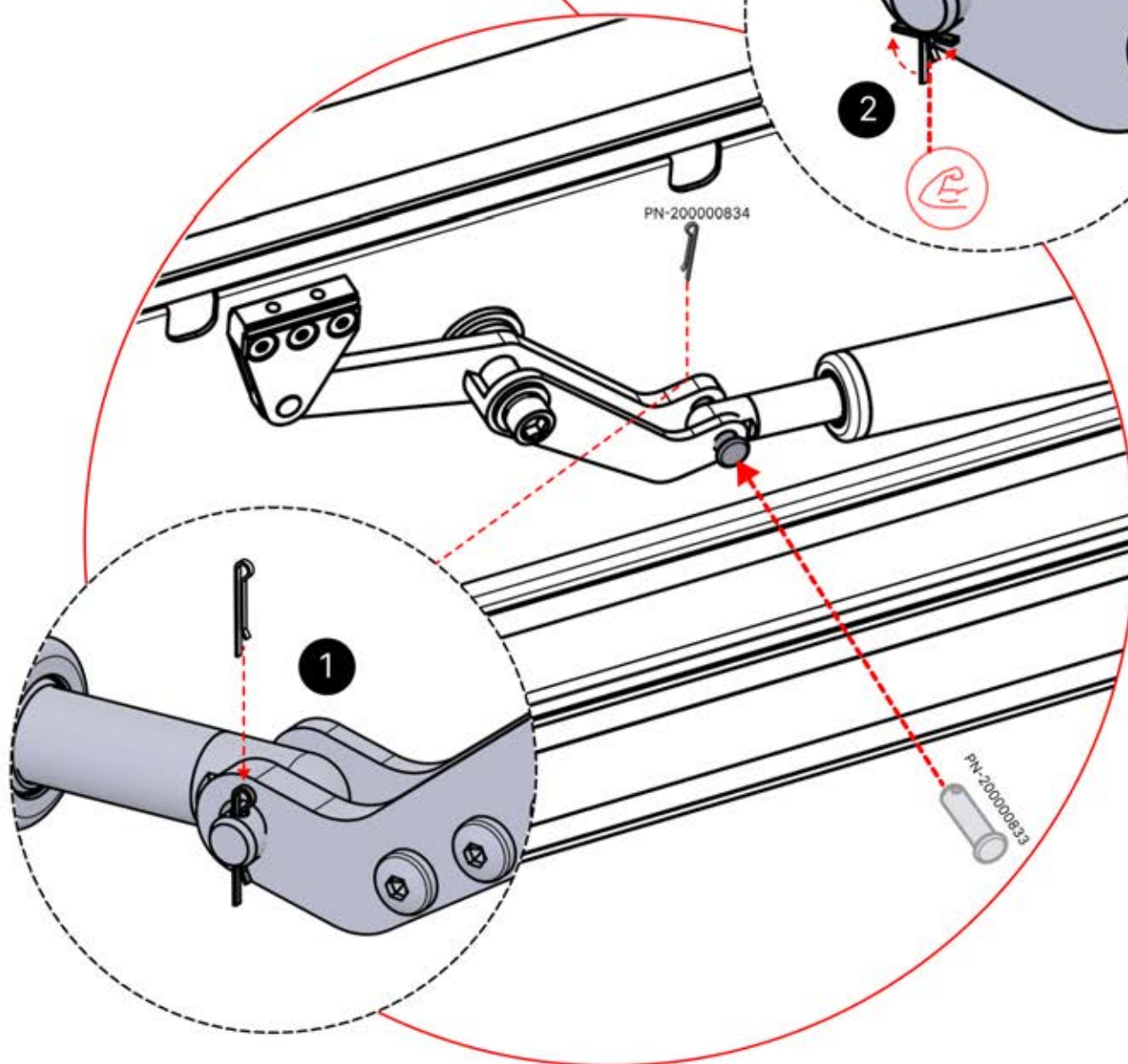
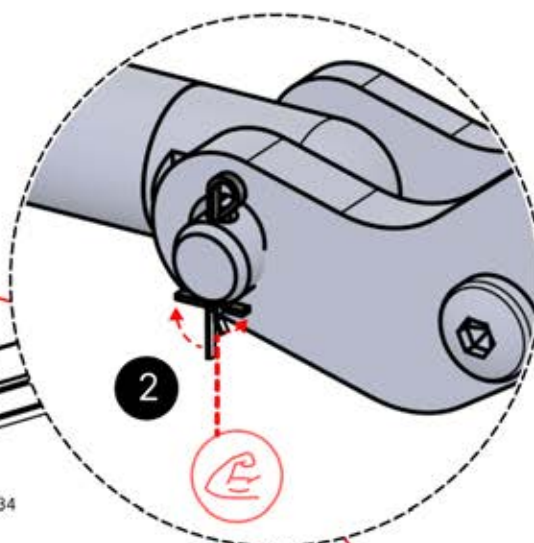
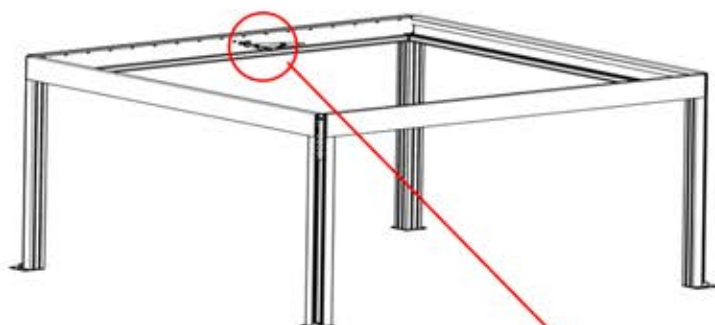
ELECTRIC MOTOR



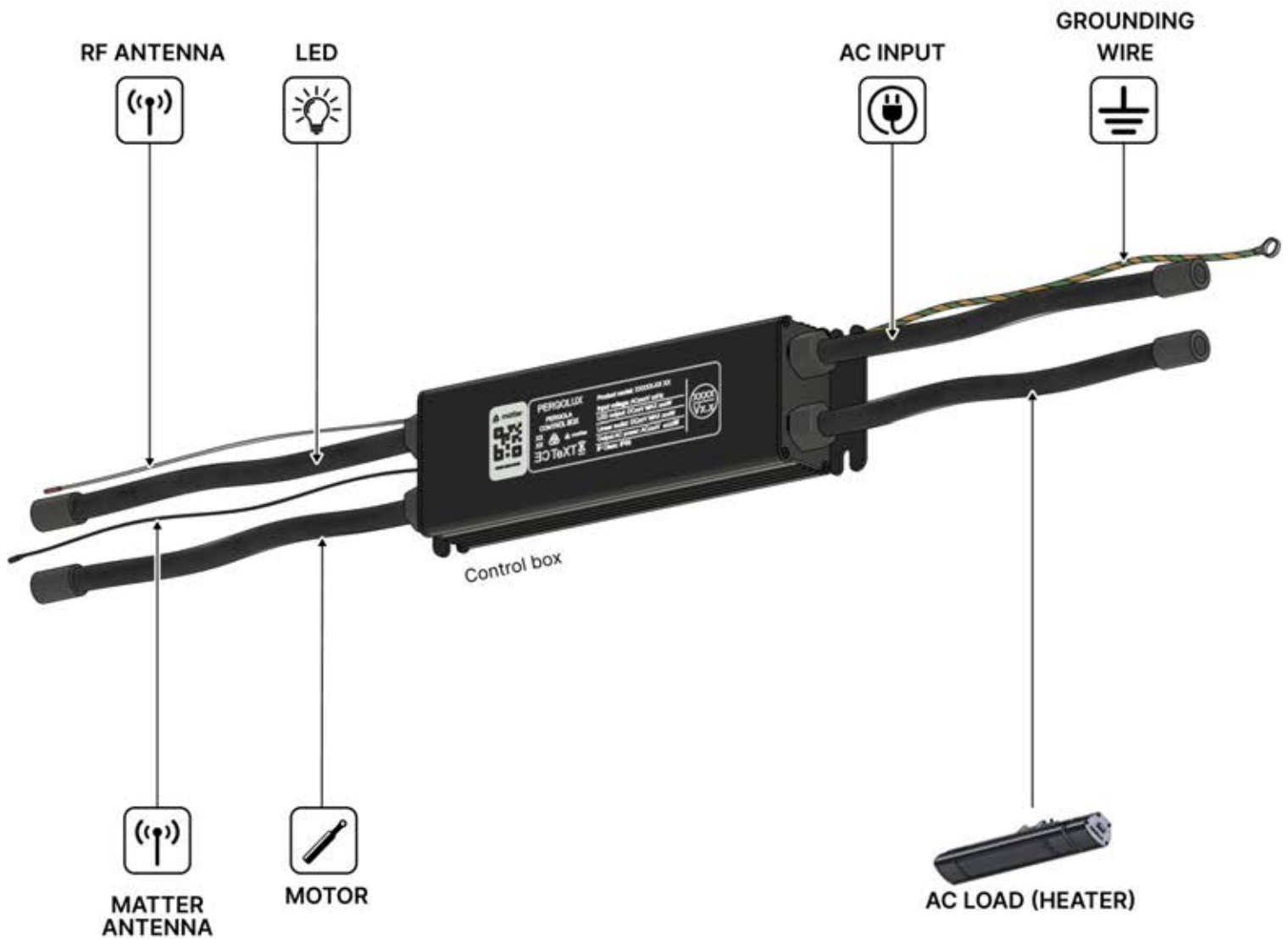
Motor Pin
1x



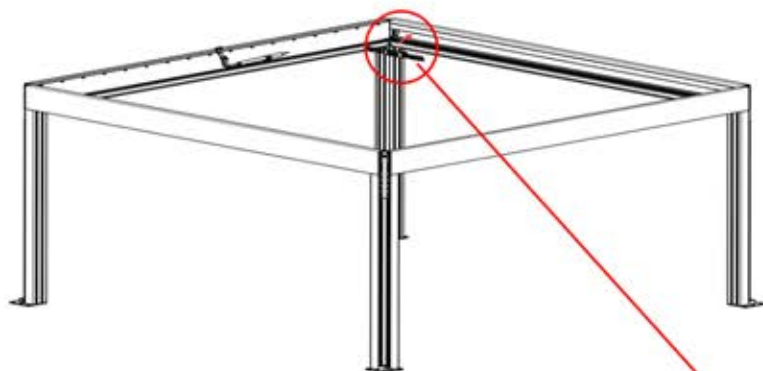
Split Pin
1x



INPUTS AND OUTPUTS

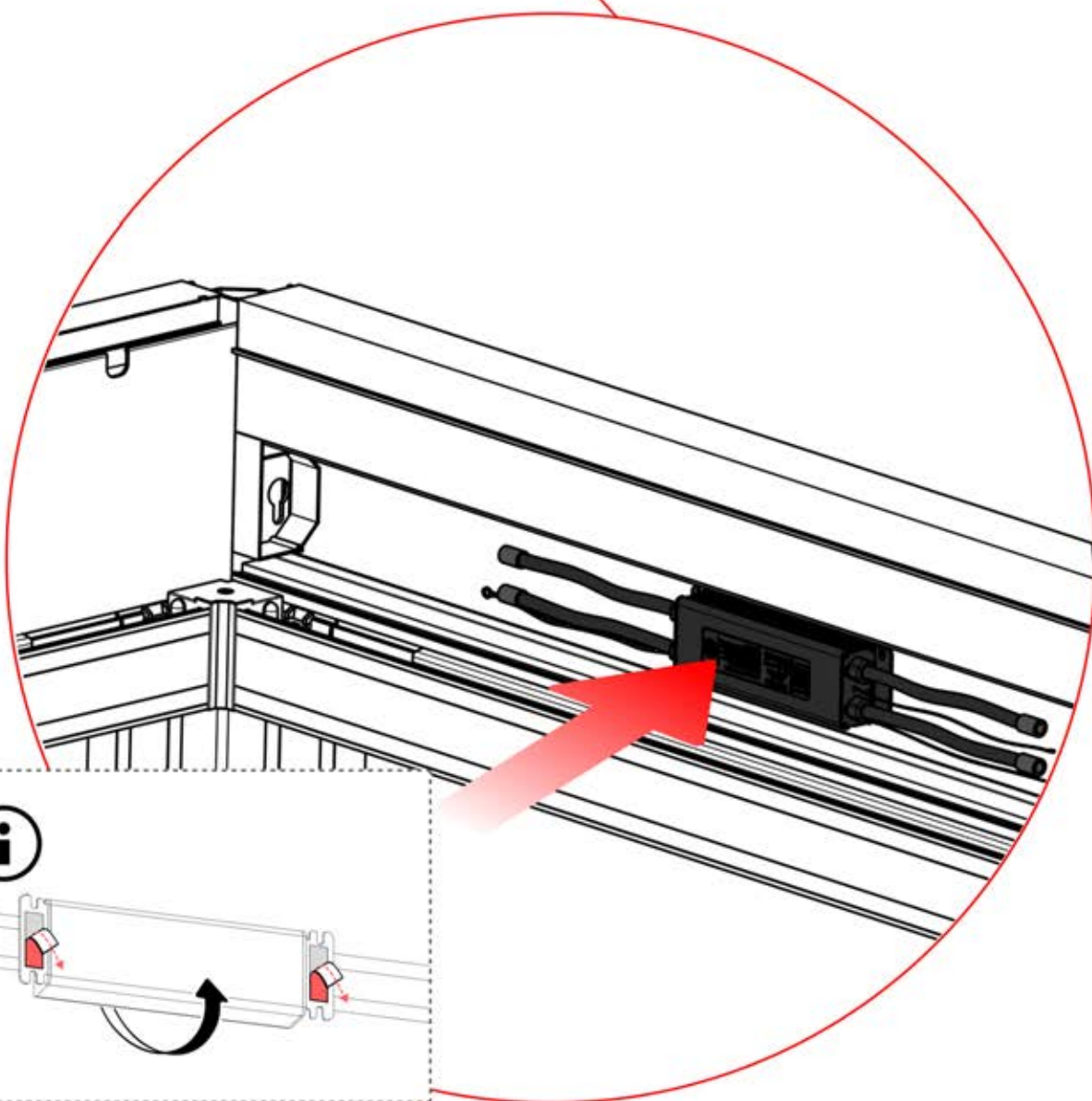


24

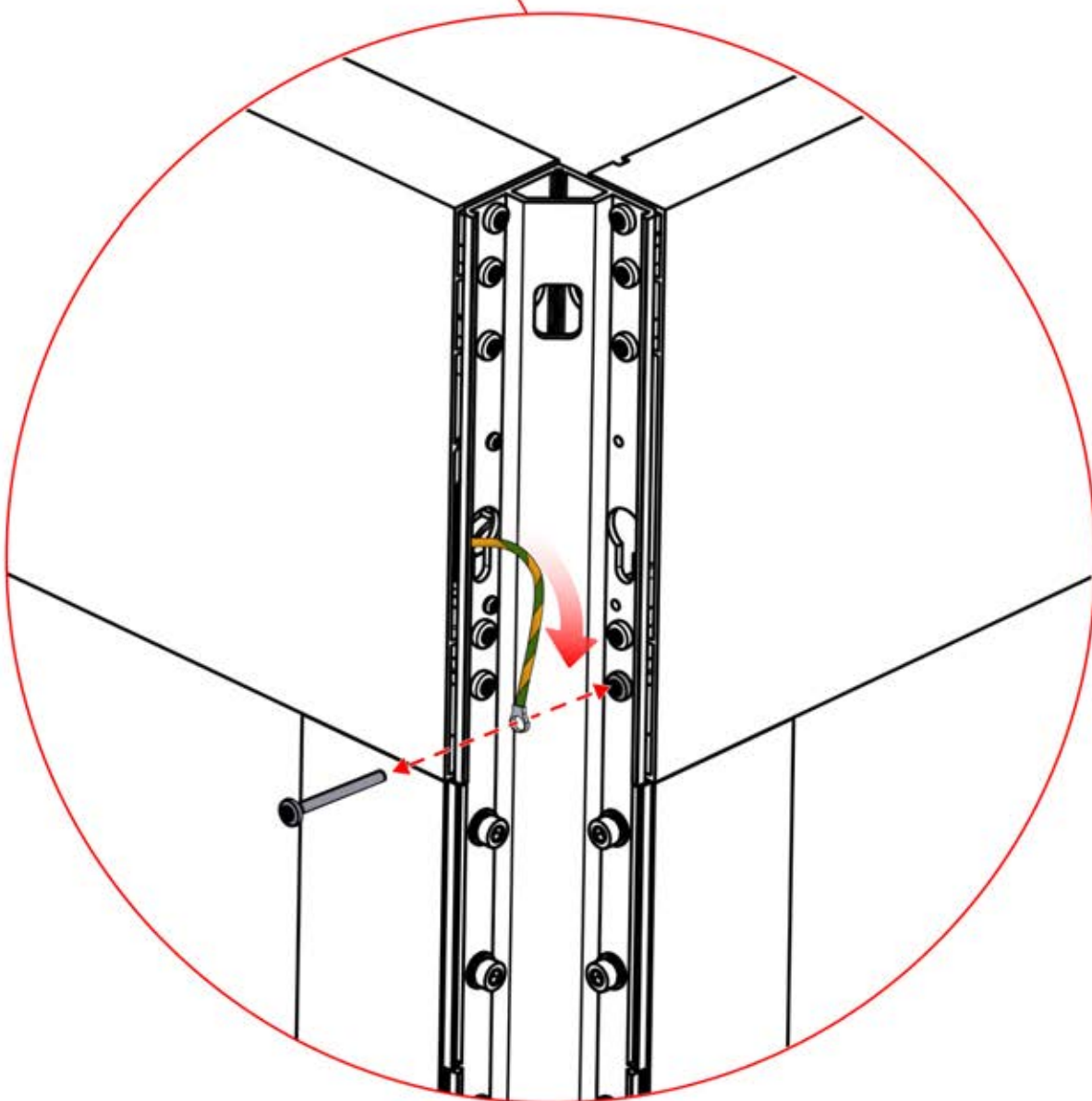
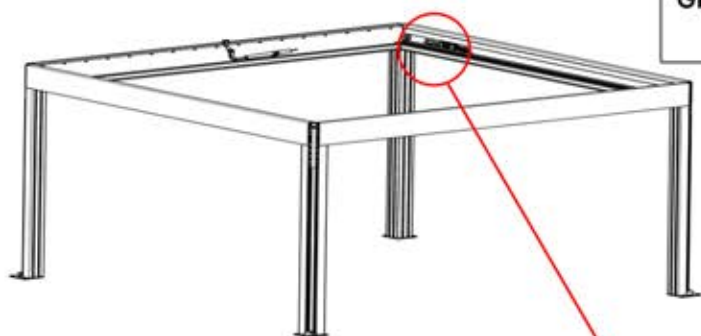
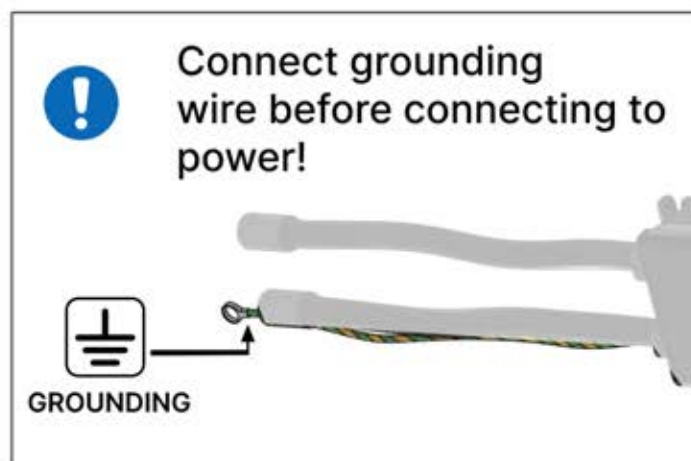


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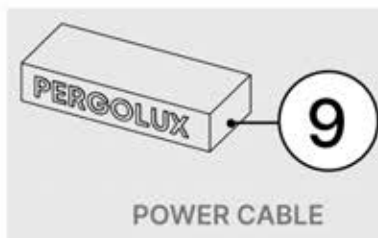
Control Box can be installed on Preferred W BEAM



25



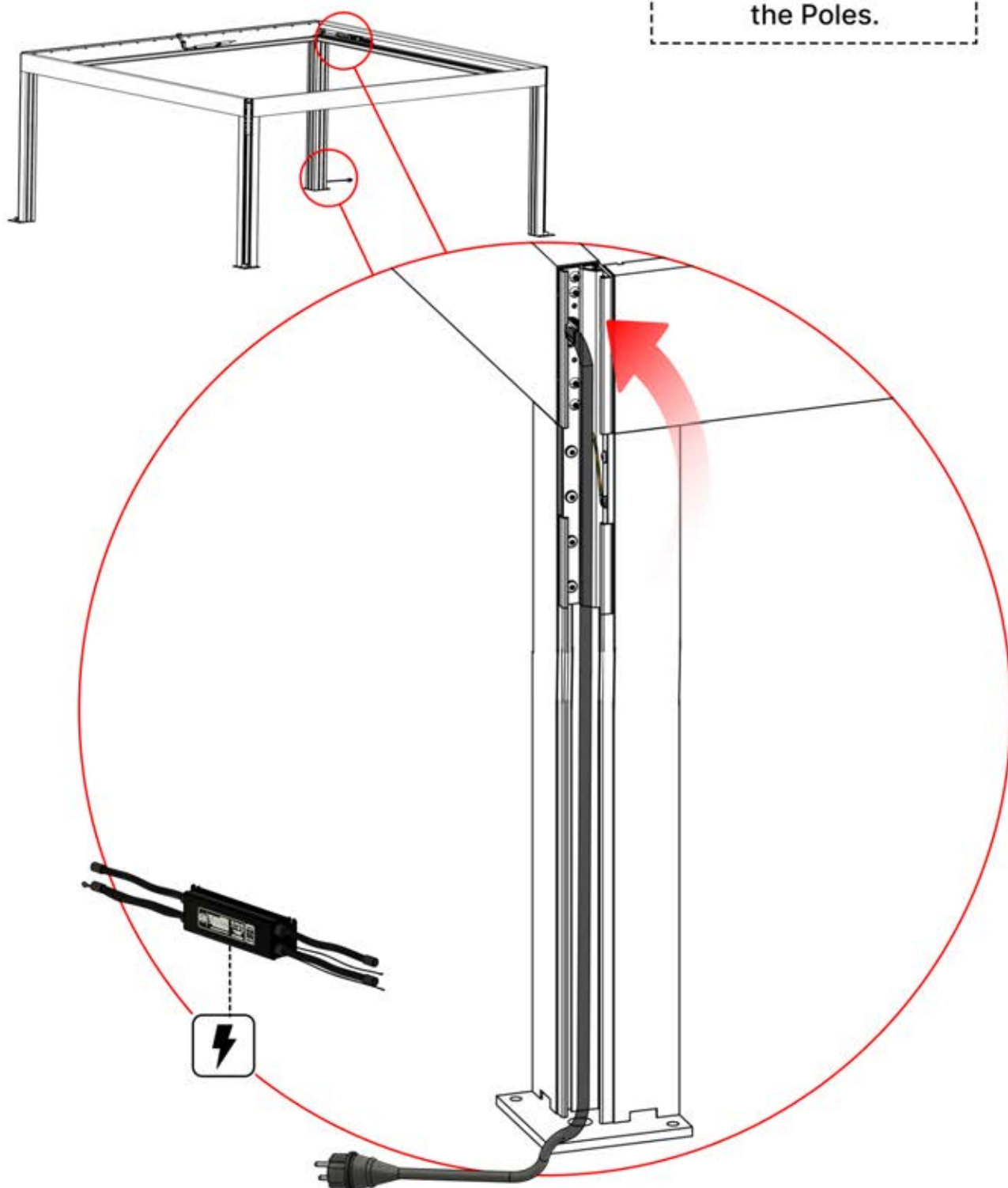
26



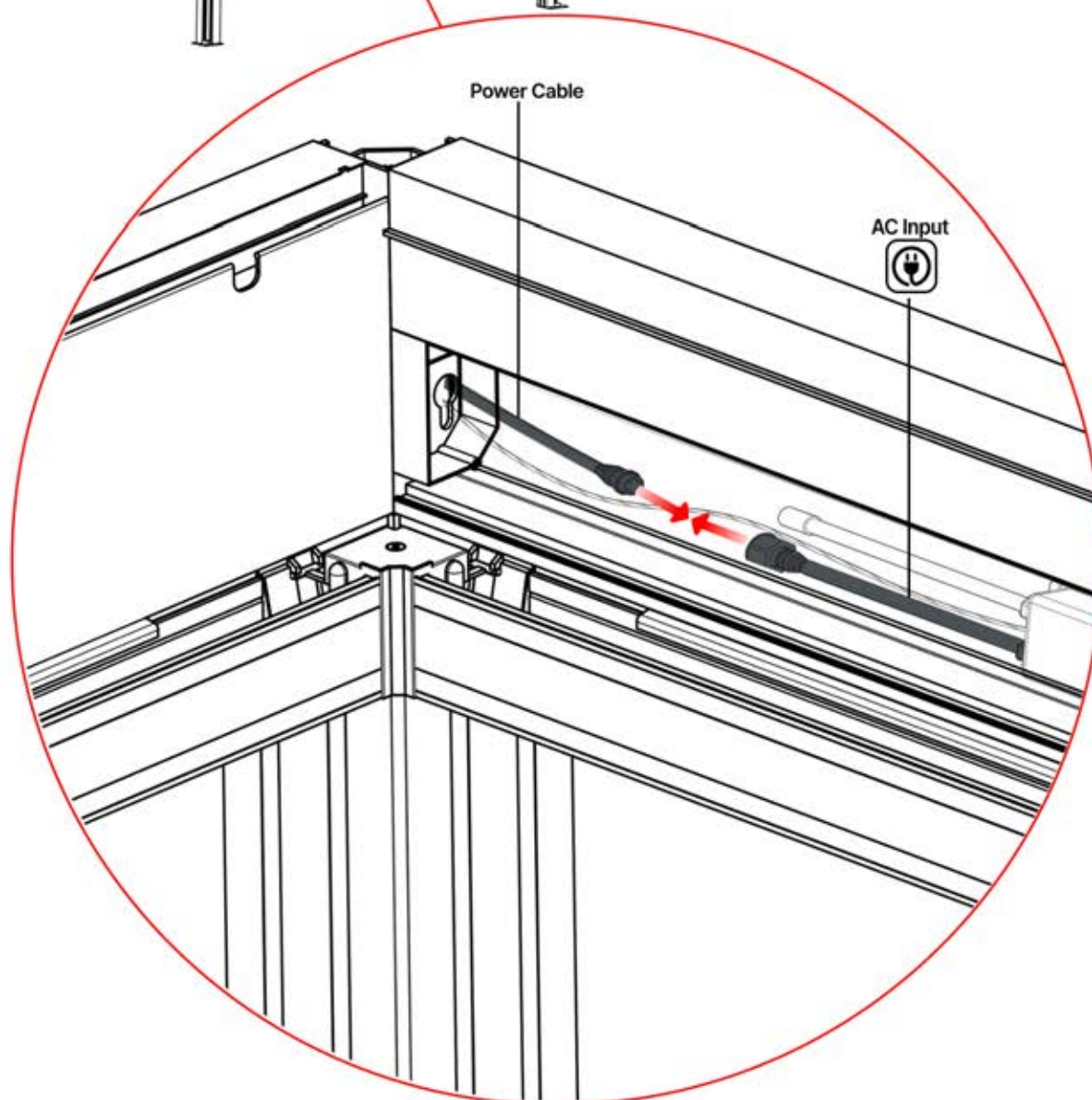
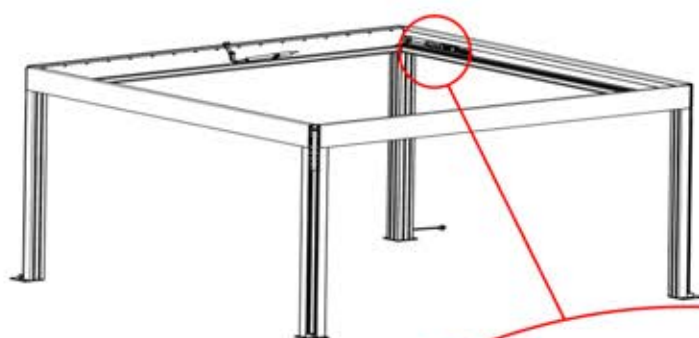
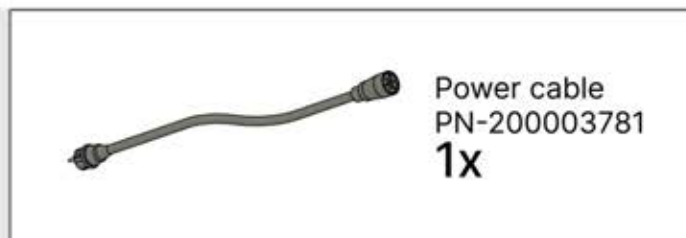
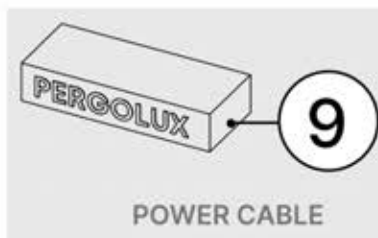
Power cable
PN-200003781
1x



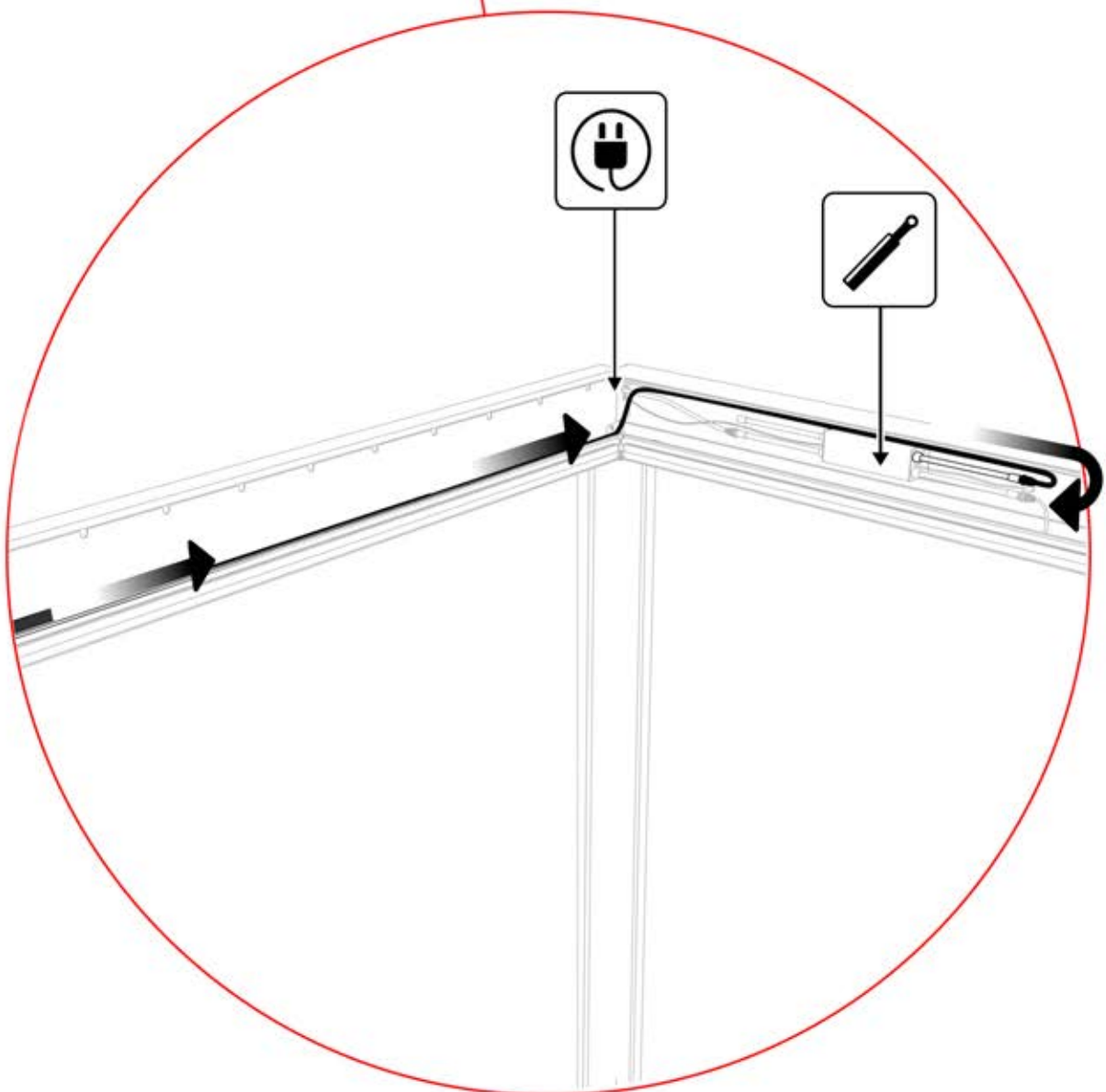
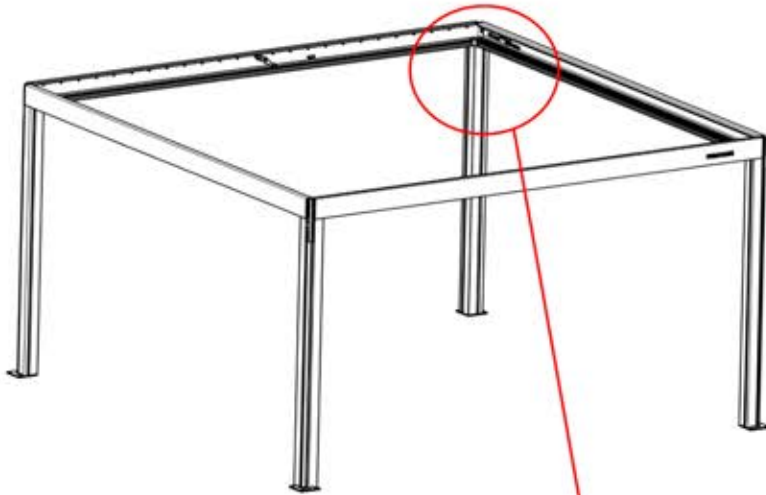
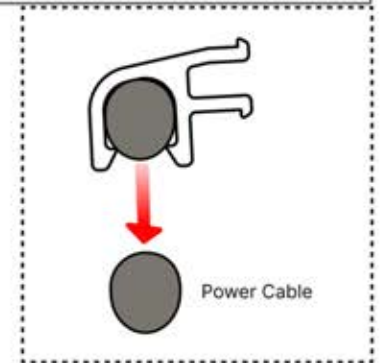
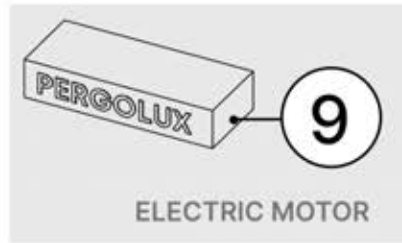
Power Cable can be
routed through all
the Poles.



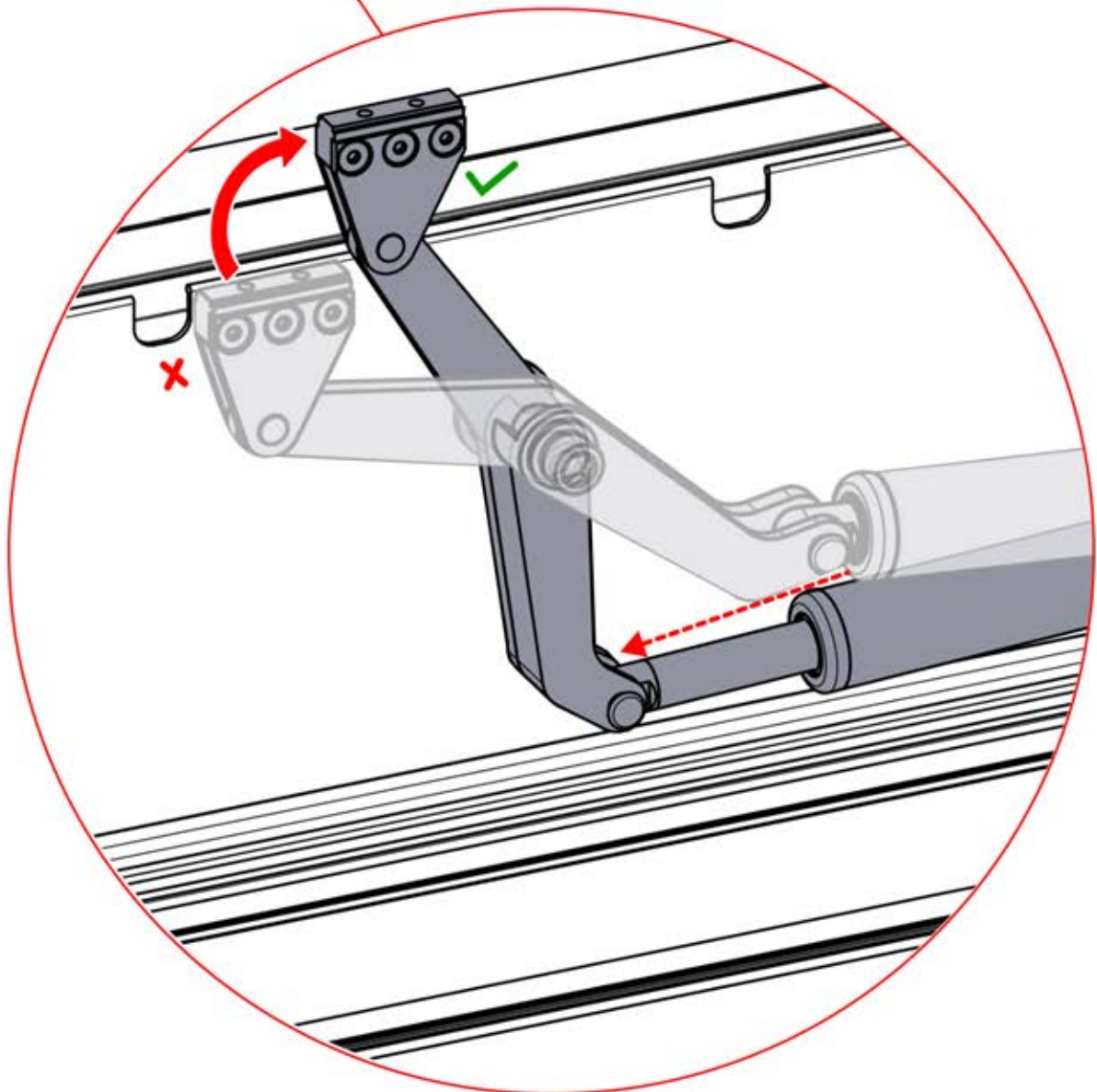
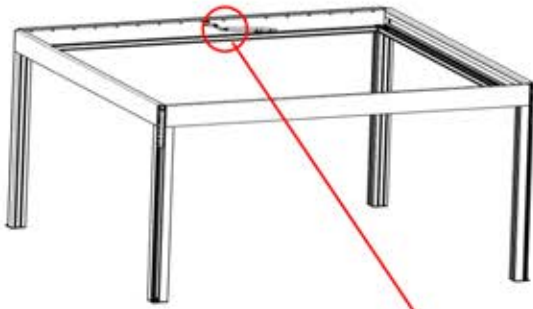
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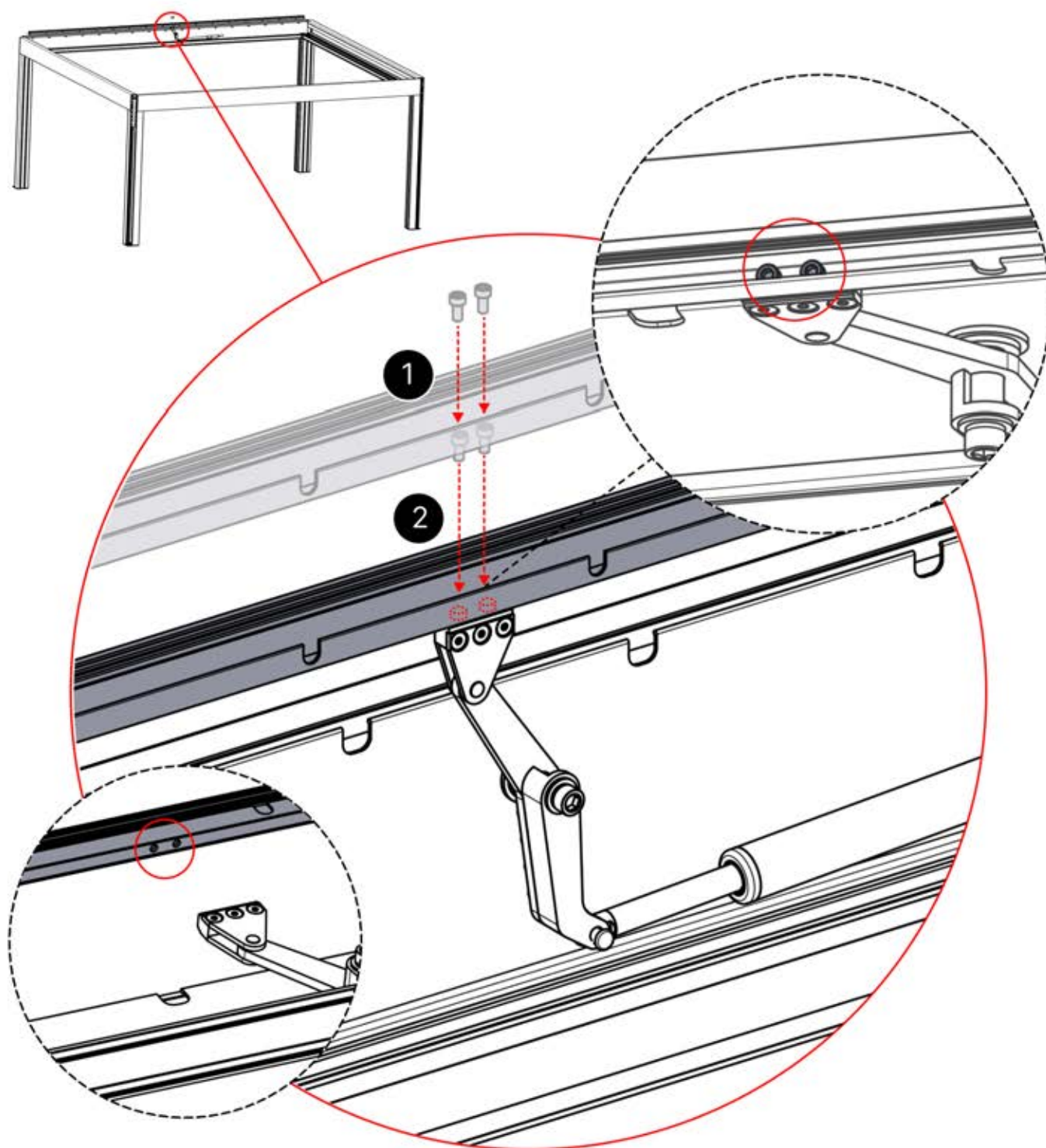
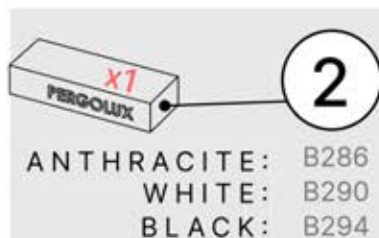
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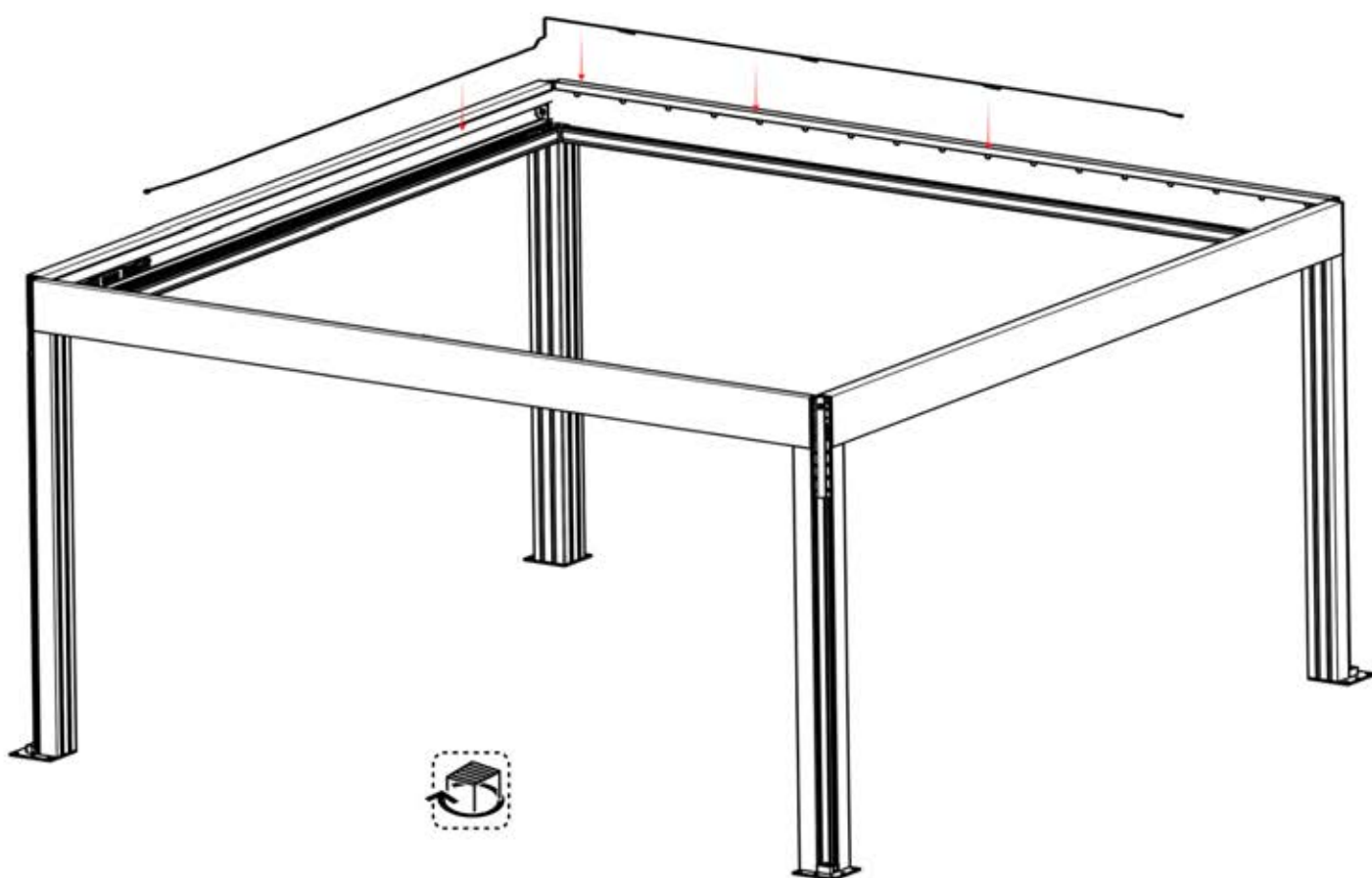
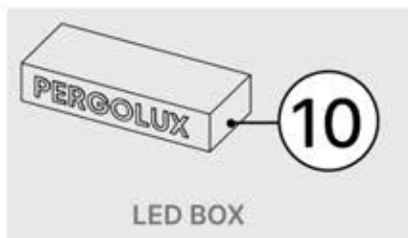
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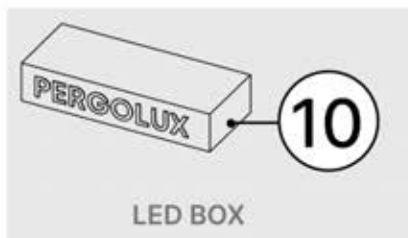
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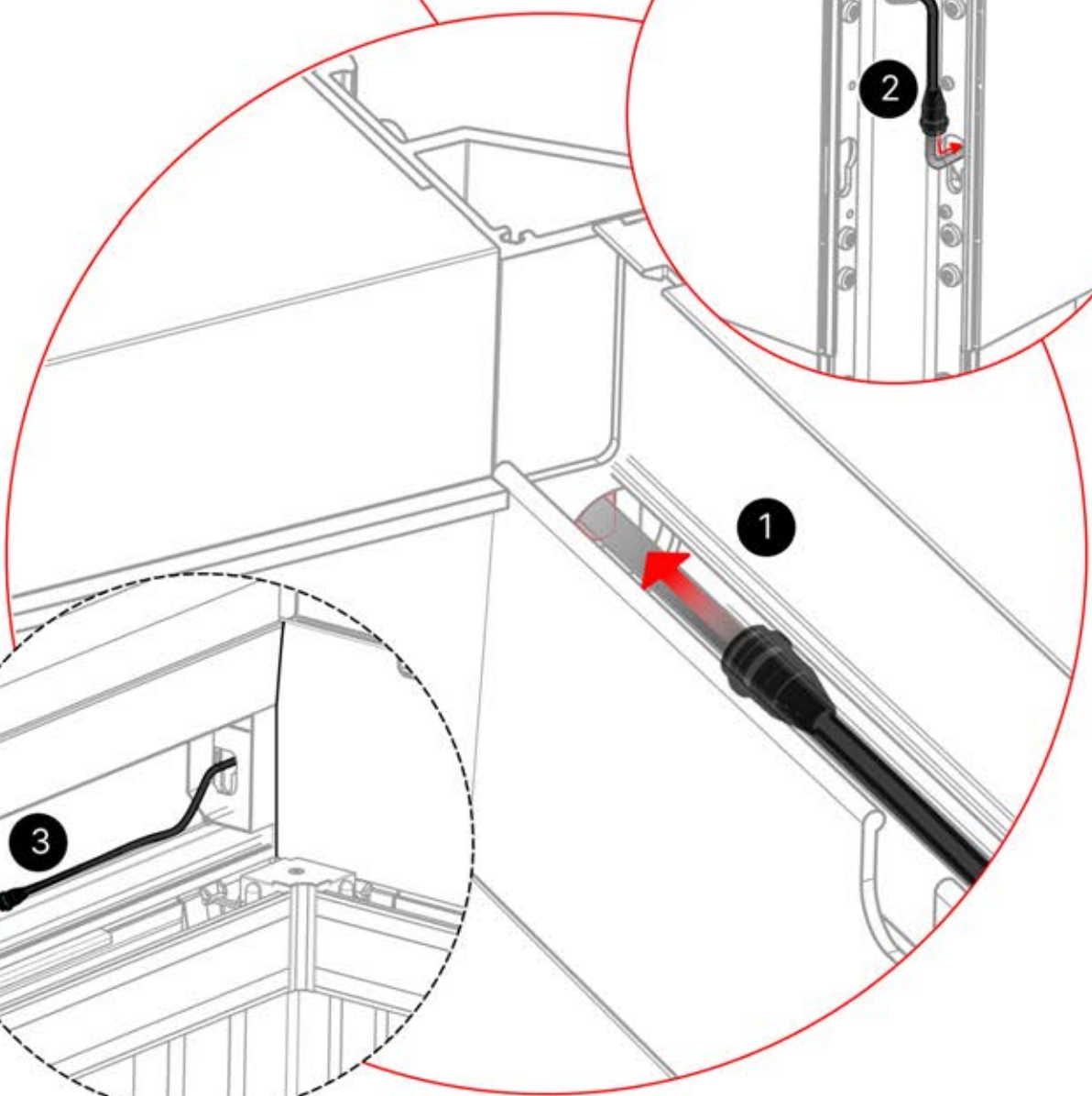
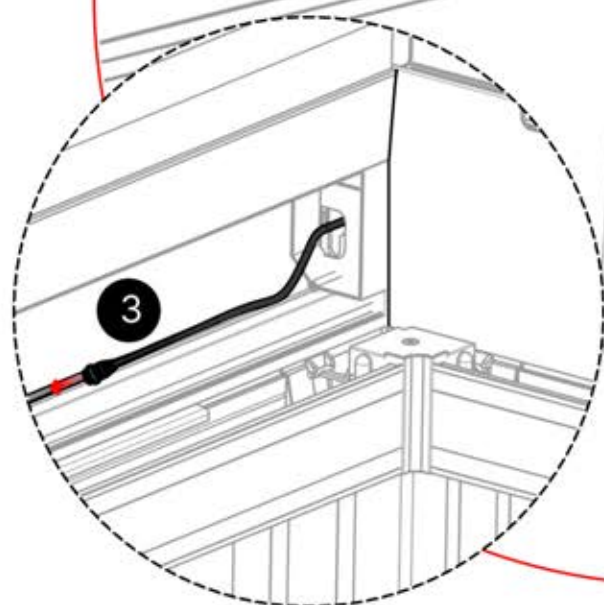
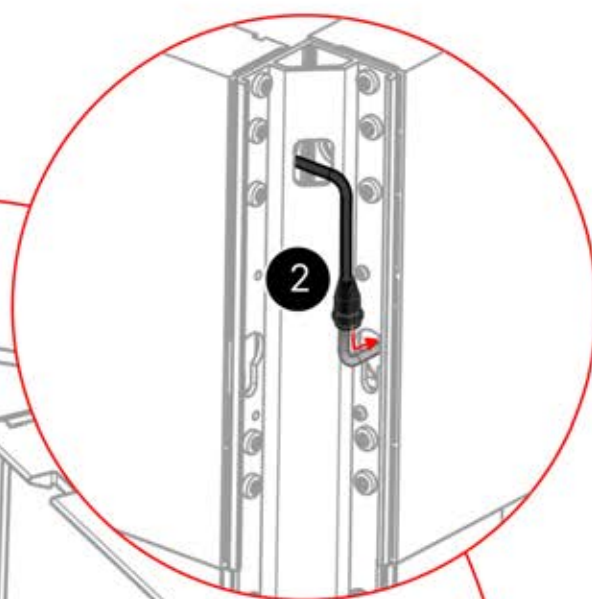
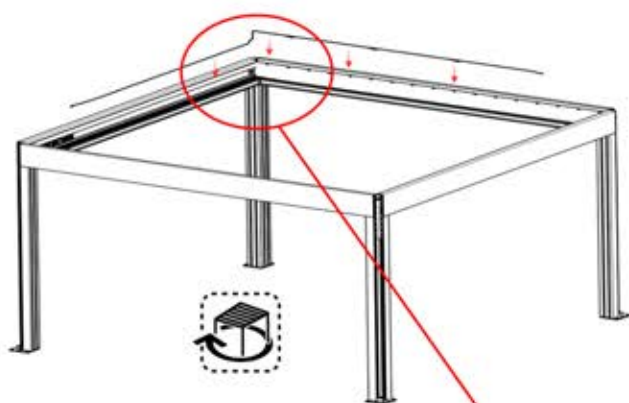
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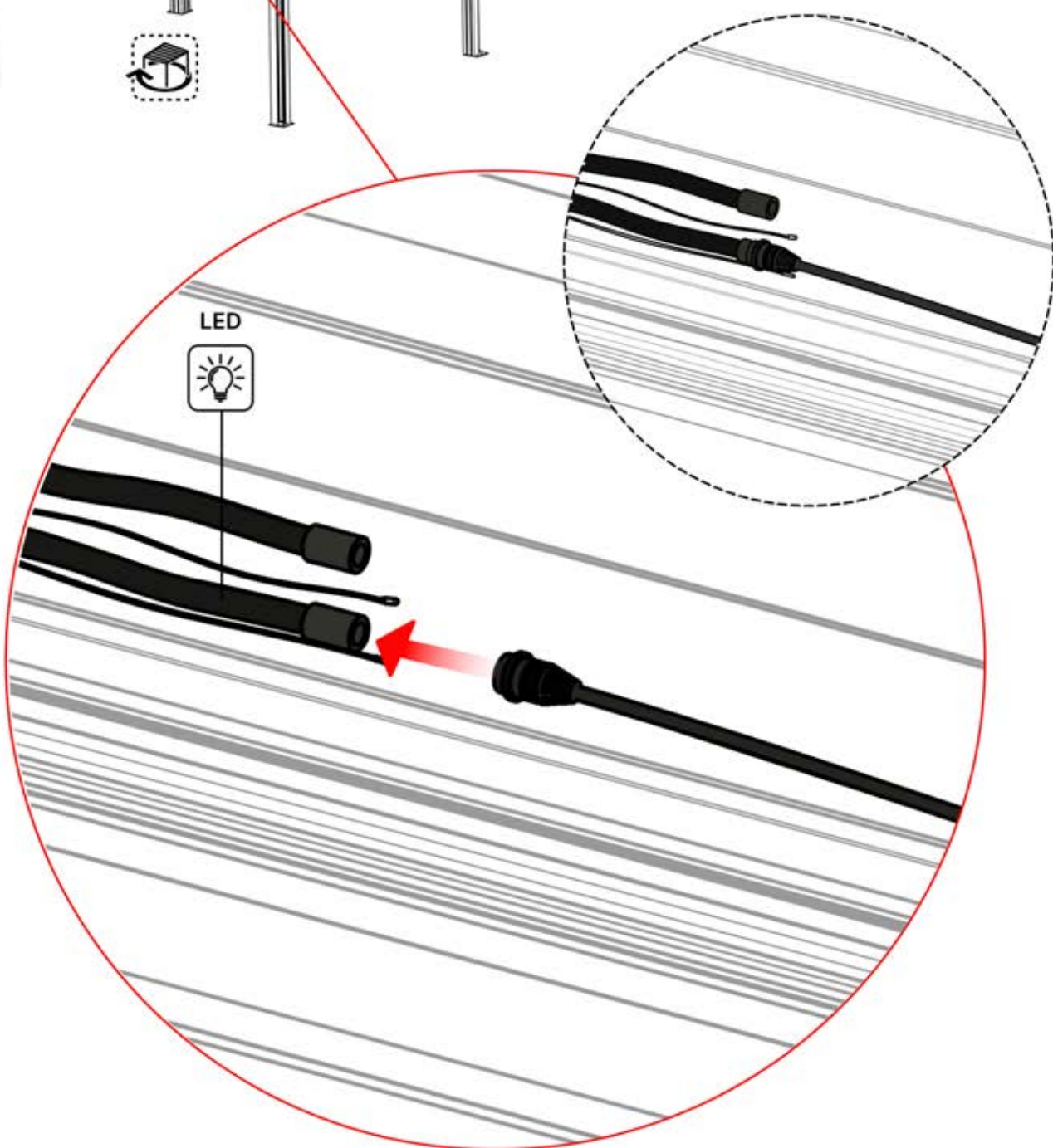
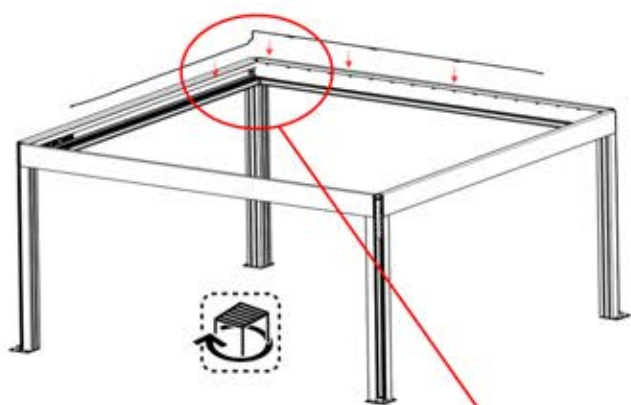
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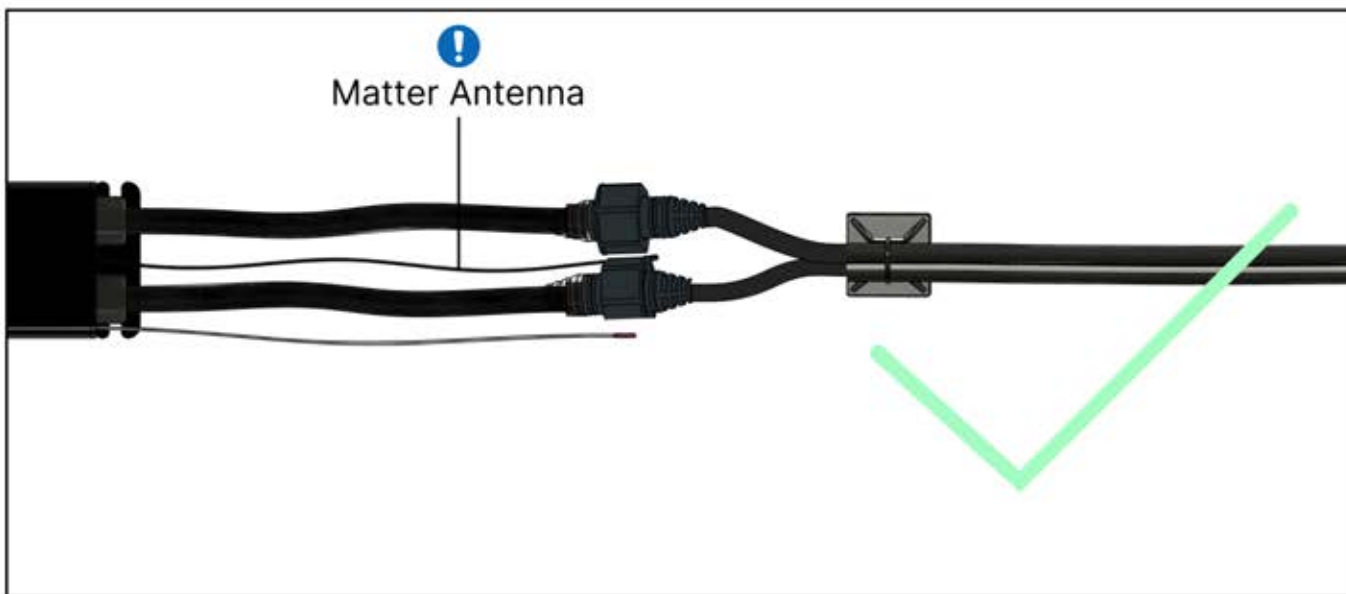
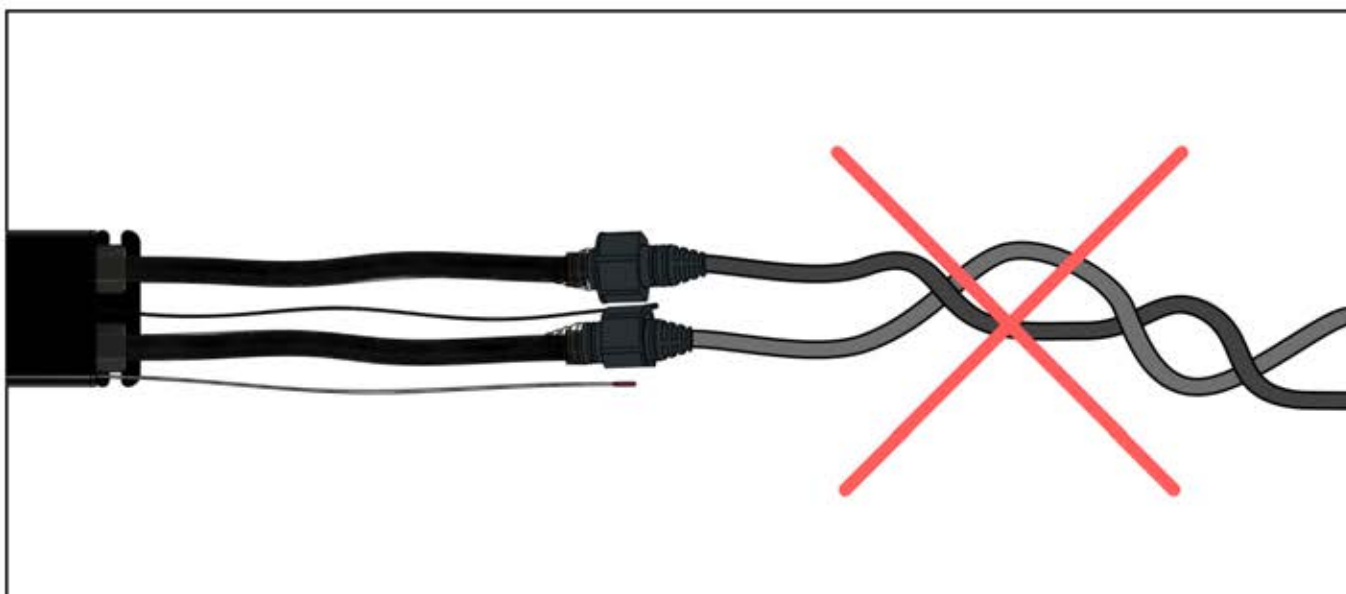
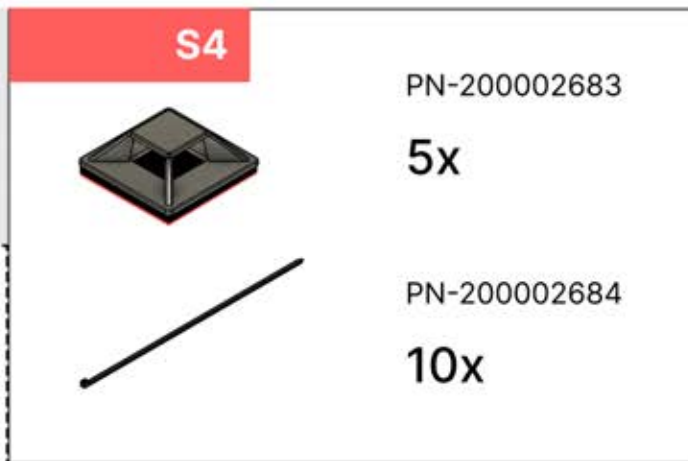
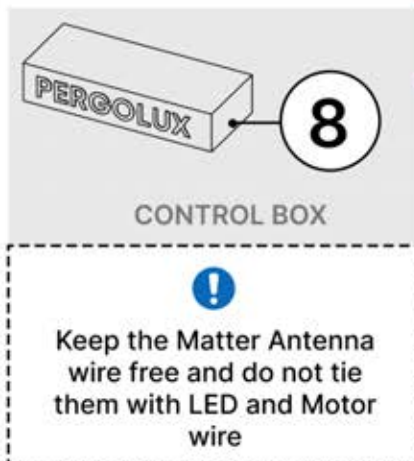
6 LED HARNESS



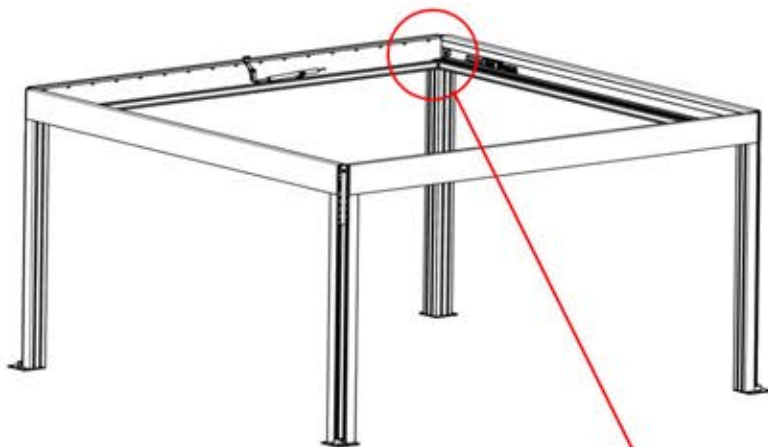
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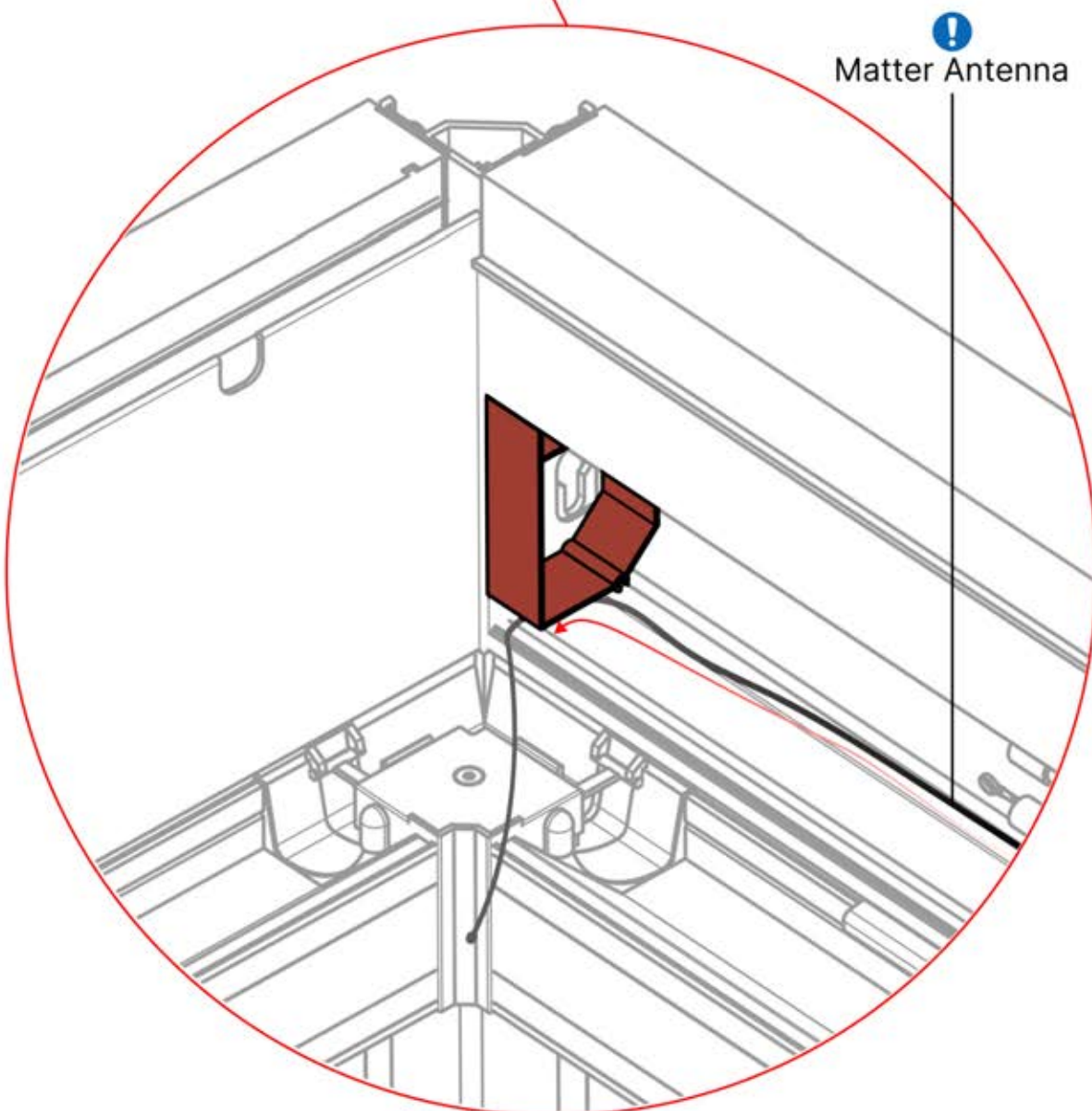
34



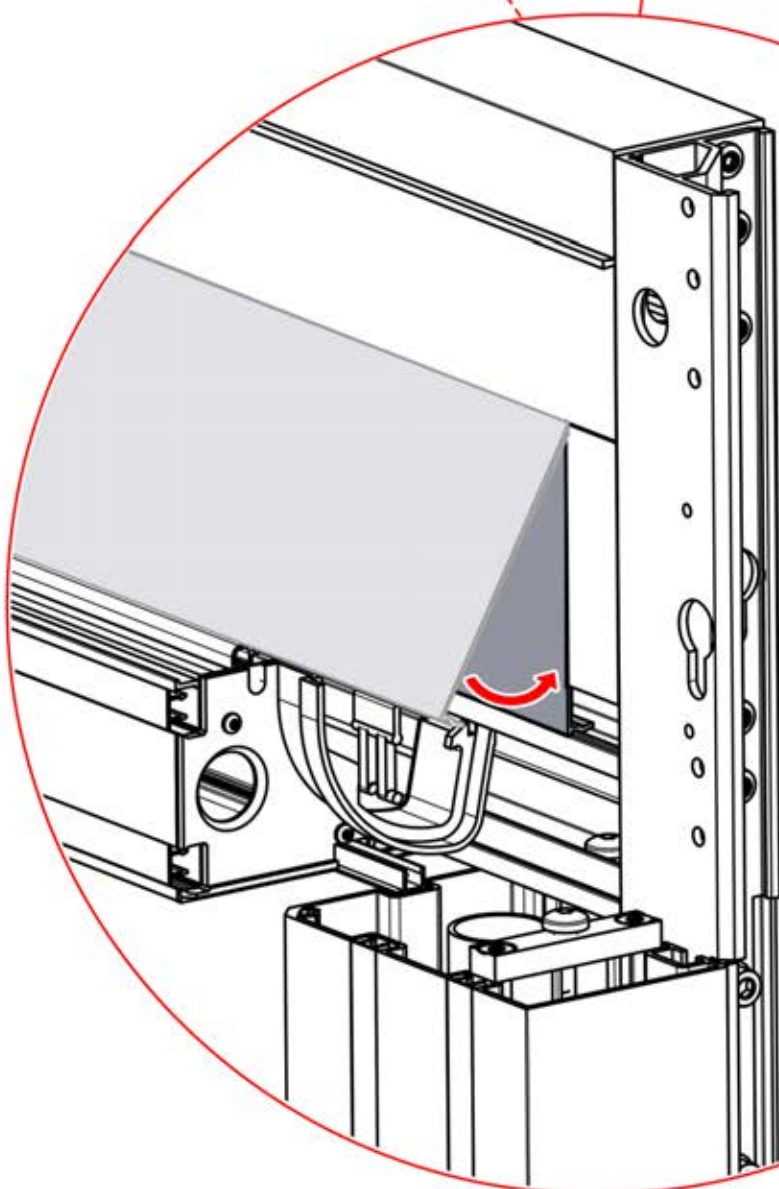
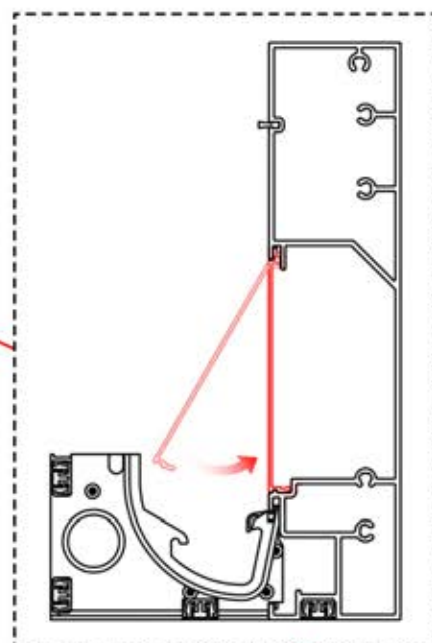
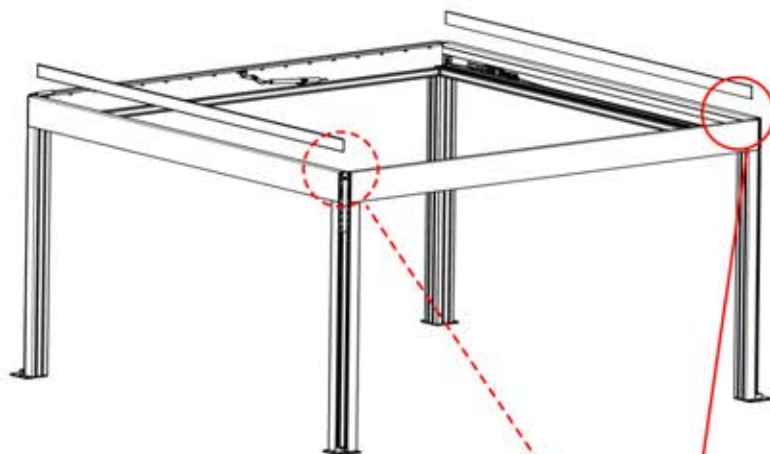
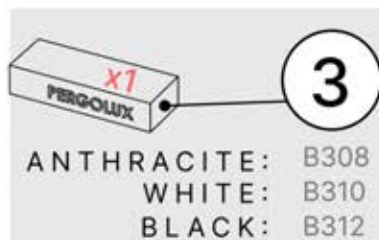
35




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

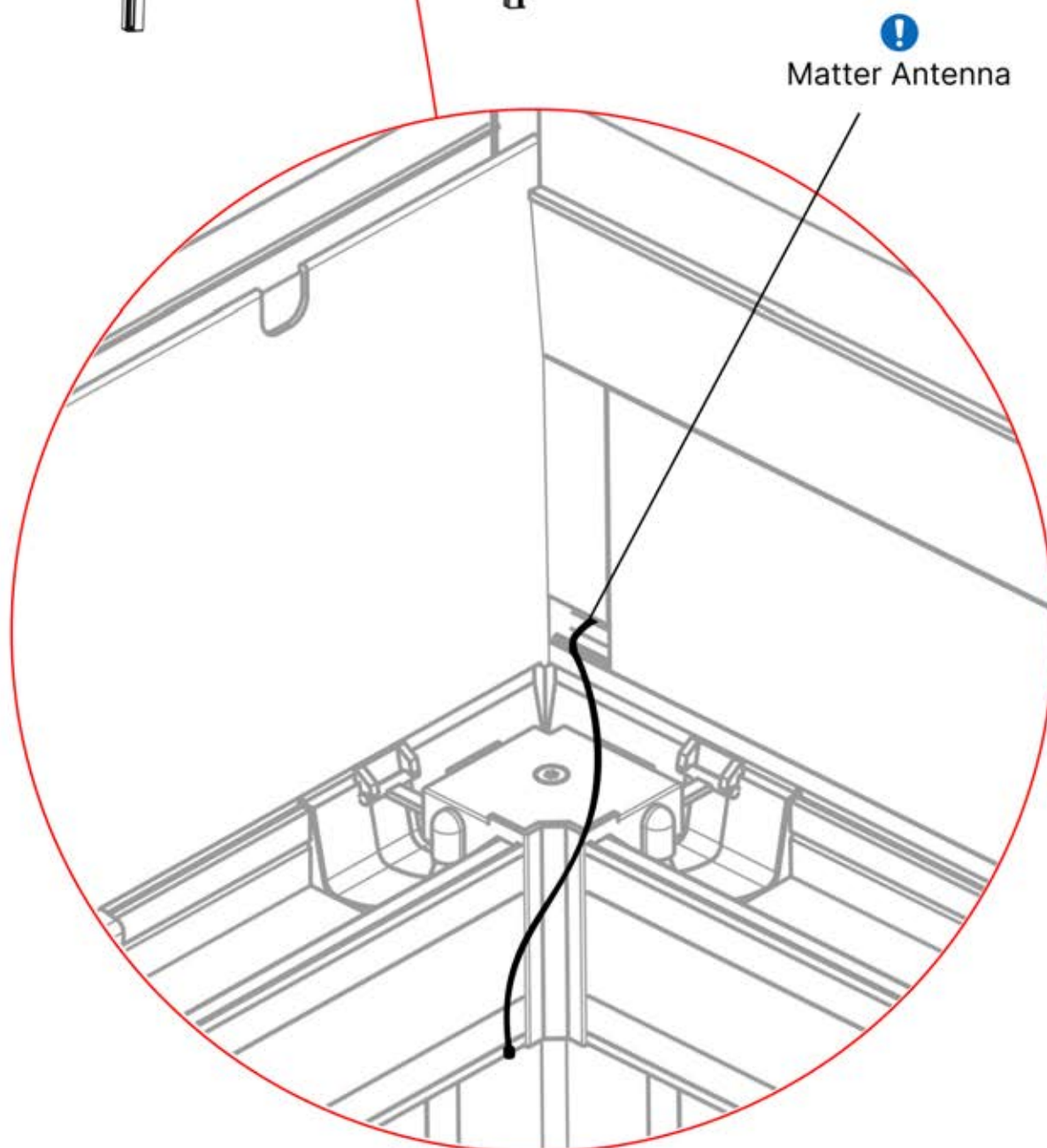
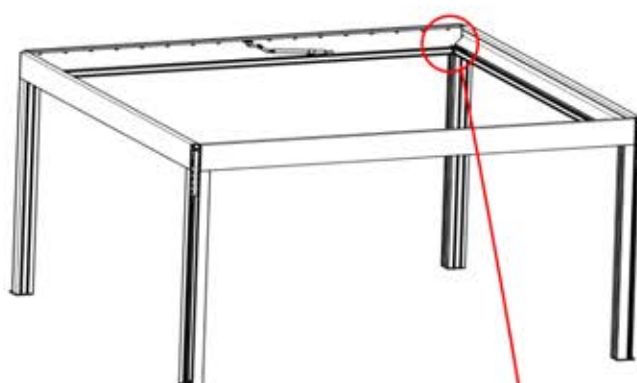


36



S4 PERGOLUX | PERGOLA PRO MAX FREESTANDING

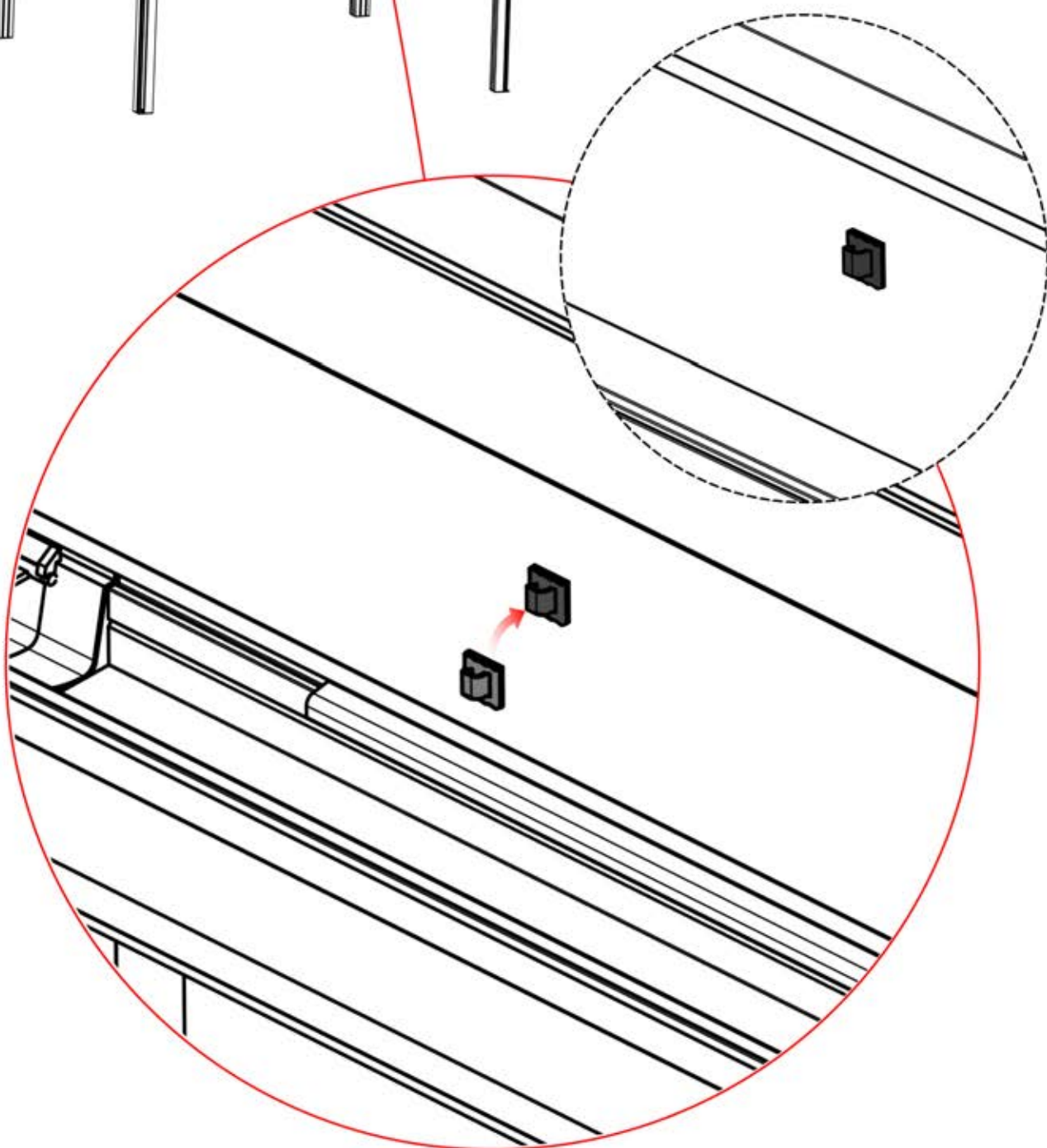
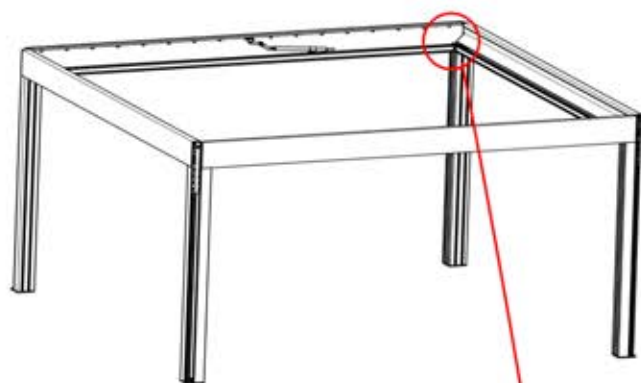
INFORMATION

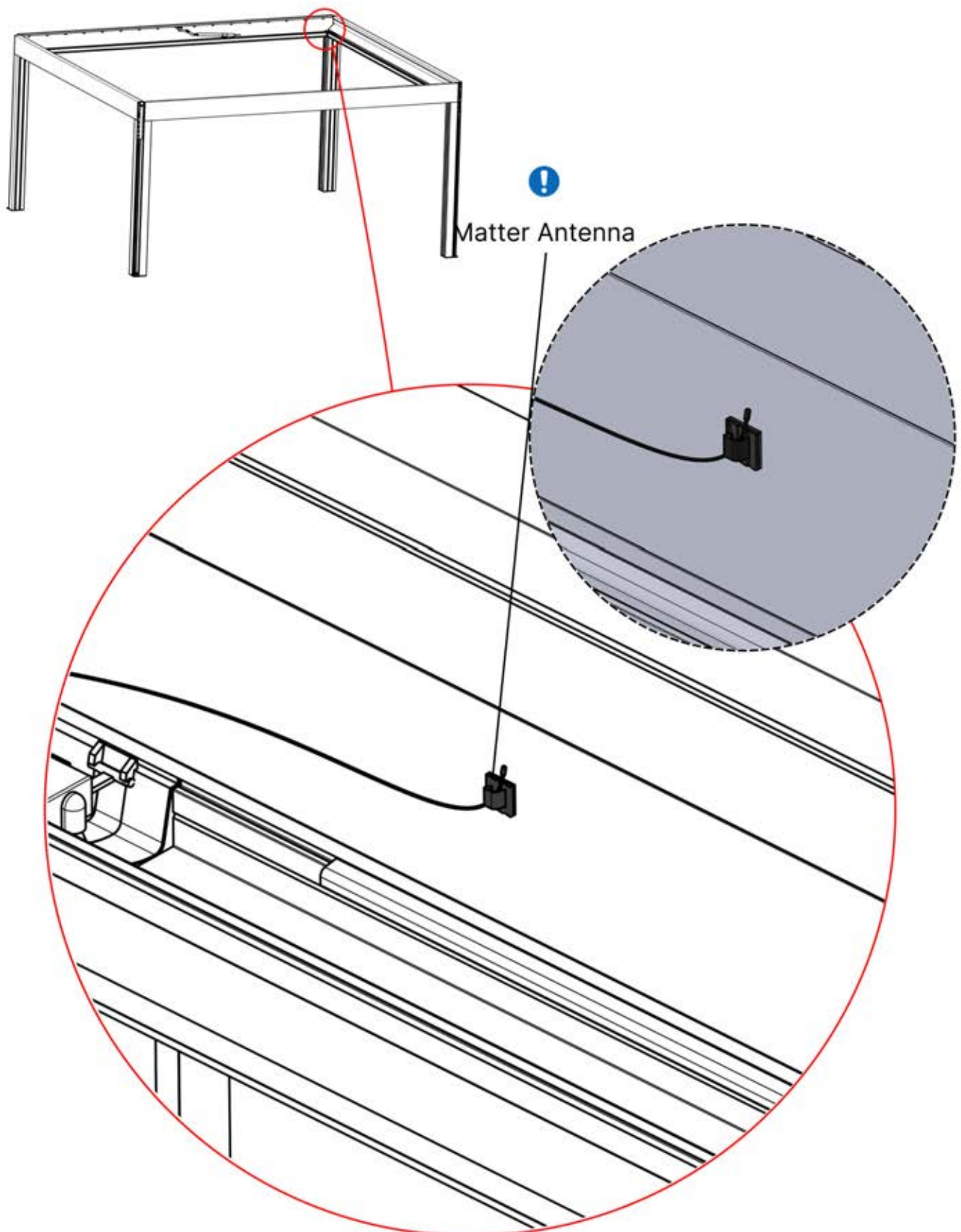


37



Matter Antenna
1x



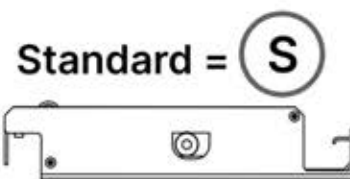




PERGOLUX PRO MAX 4×6

PN-200002366

PERGOLUX 4
PERGOLUX 5
PERGOLUX 6 **18x**



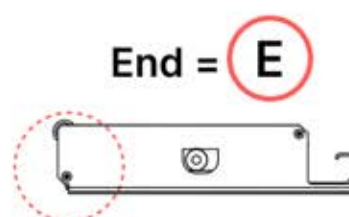
PN-200002364

PERGOLUX 5 **6x**

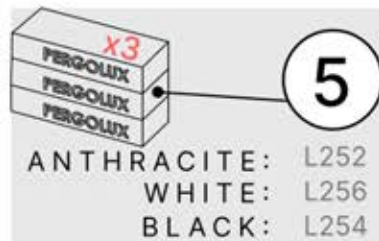


PN-200002362

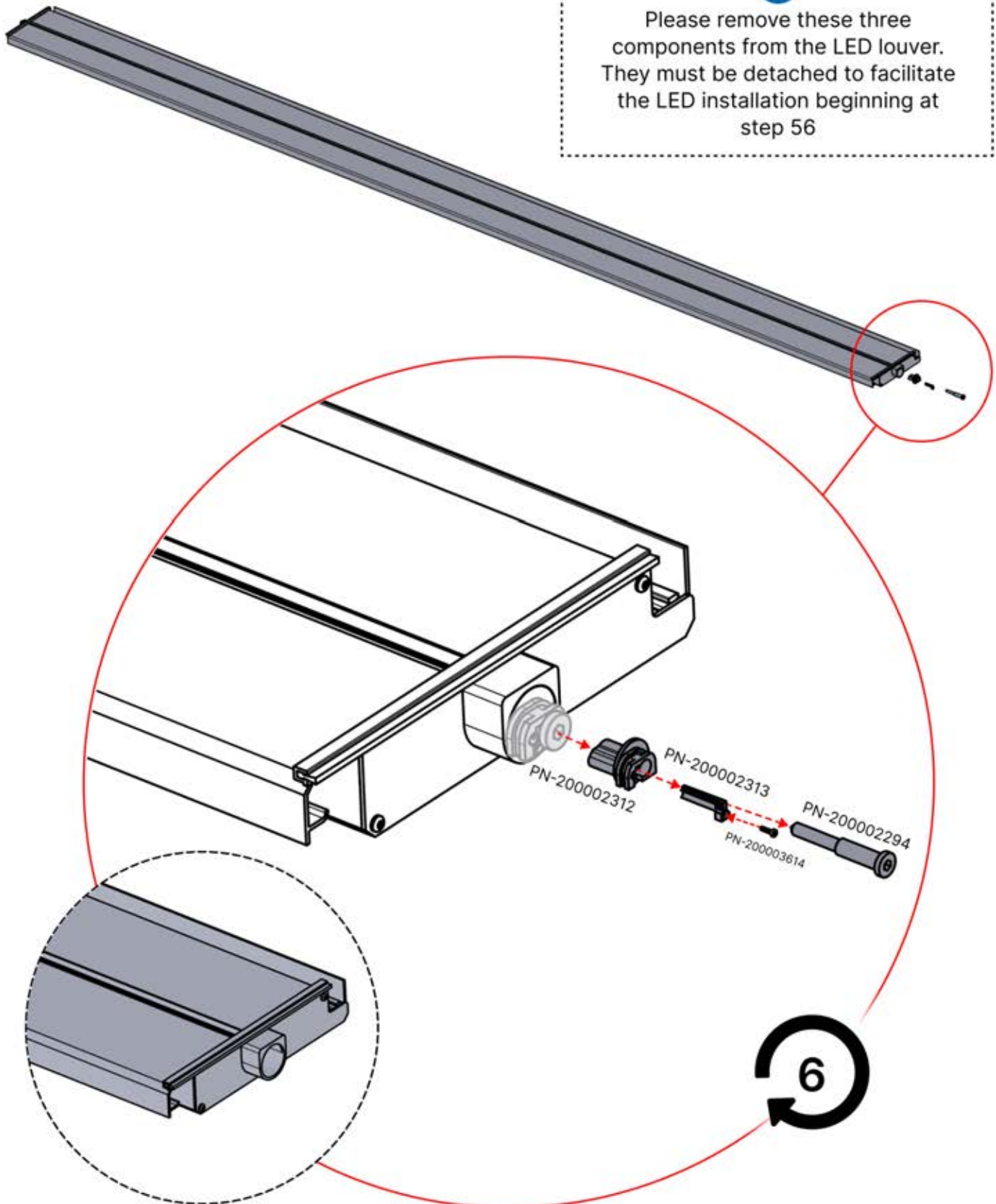
PERGOLUX 4 **1x**



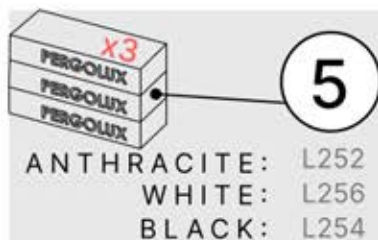
39




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

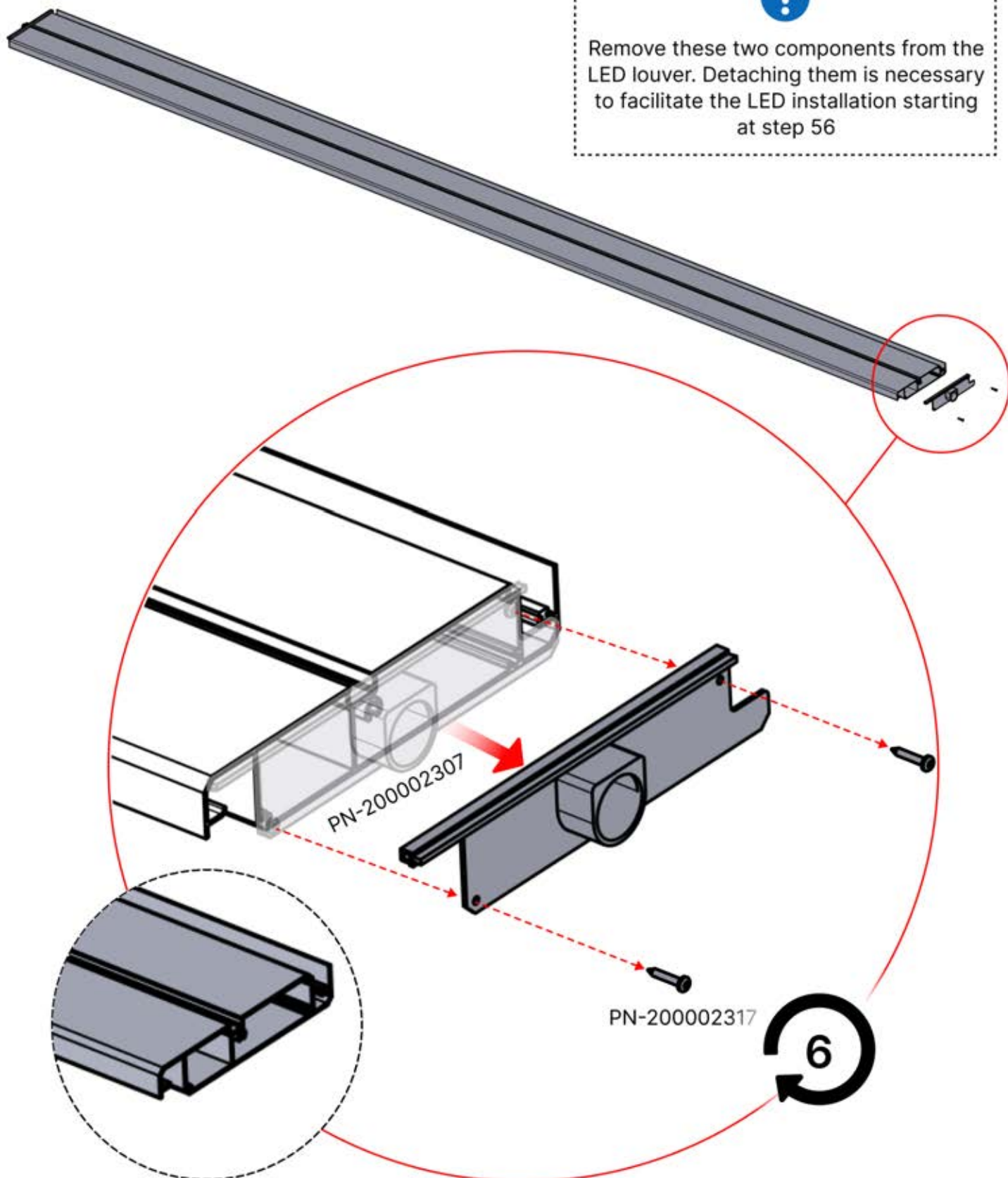


40

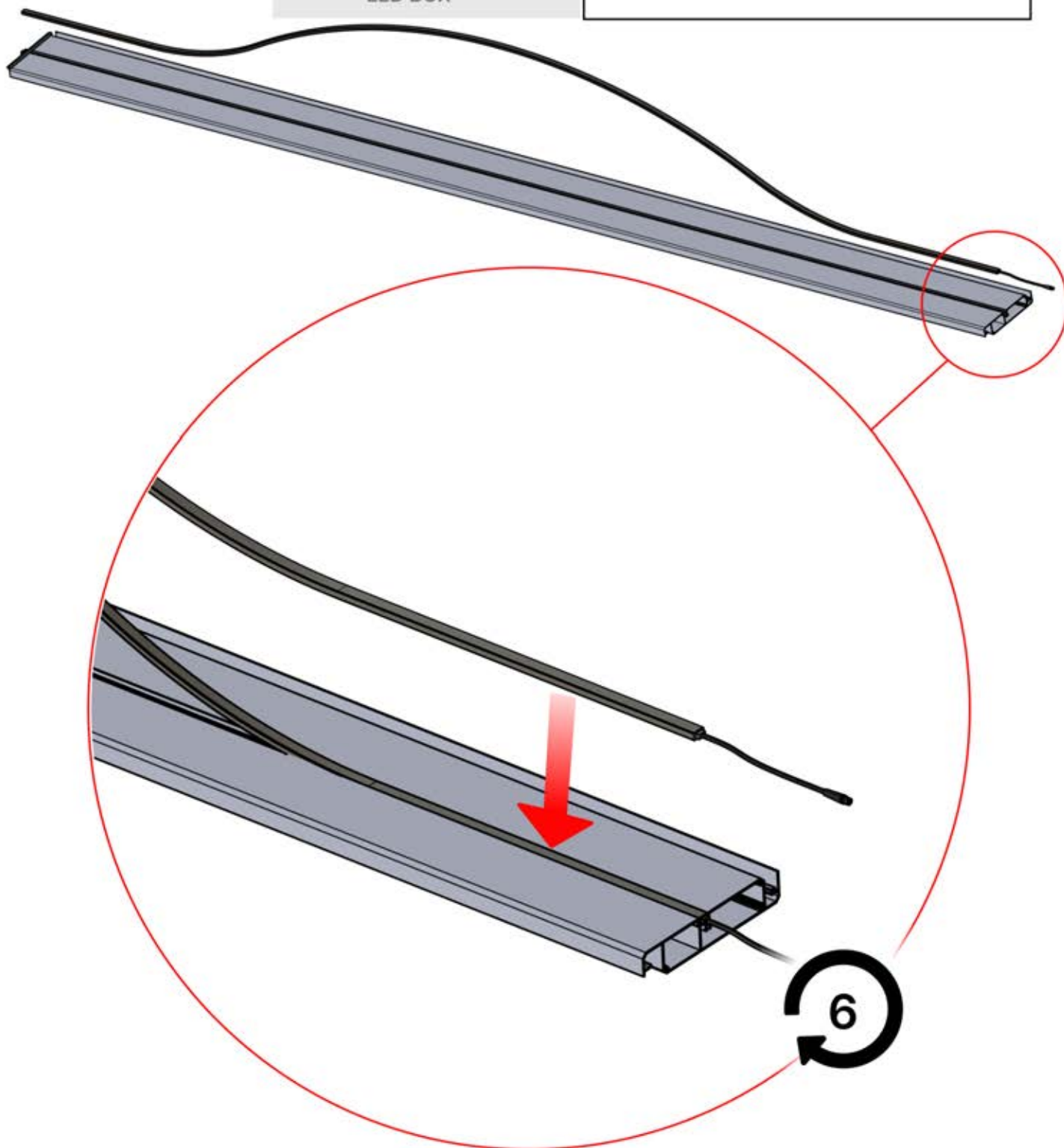
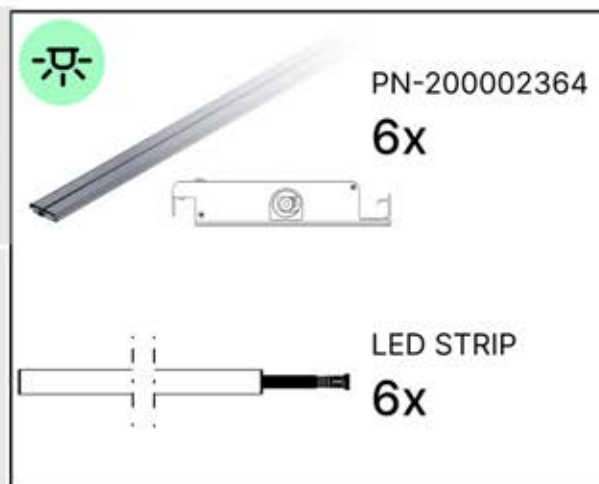
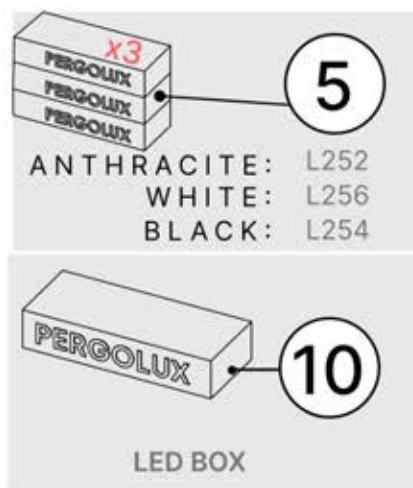


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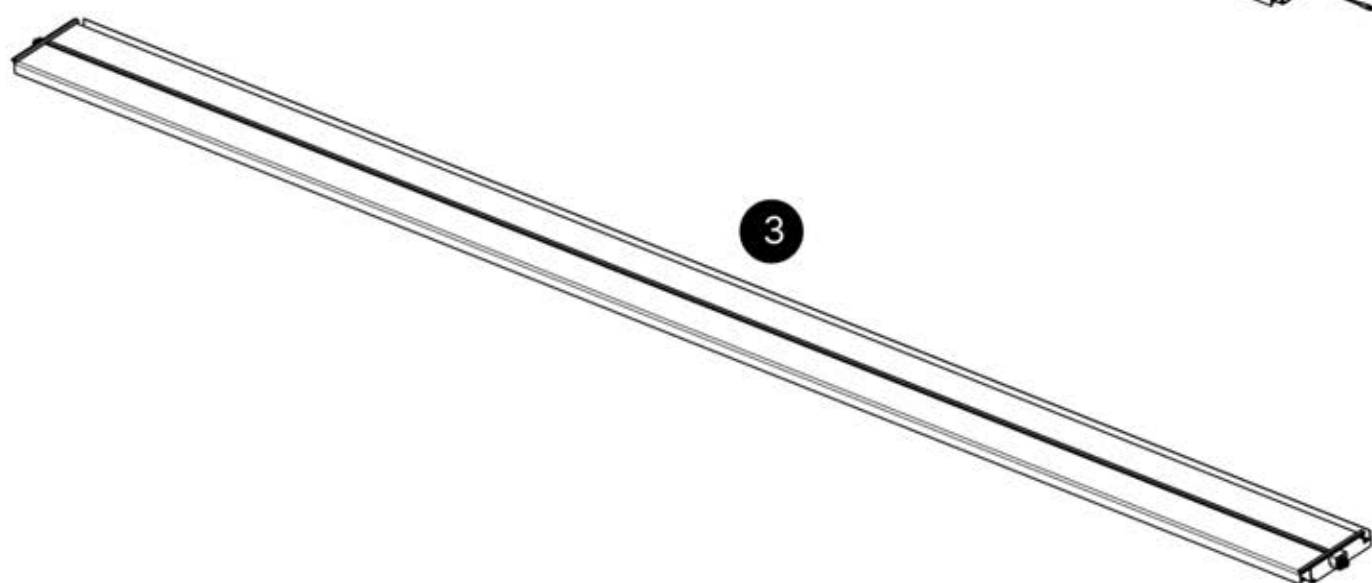
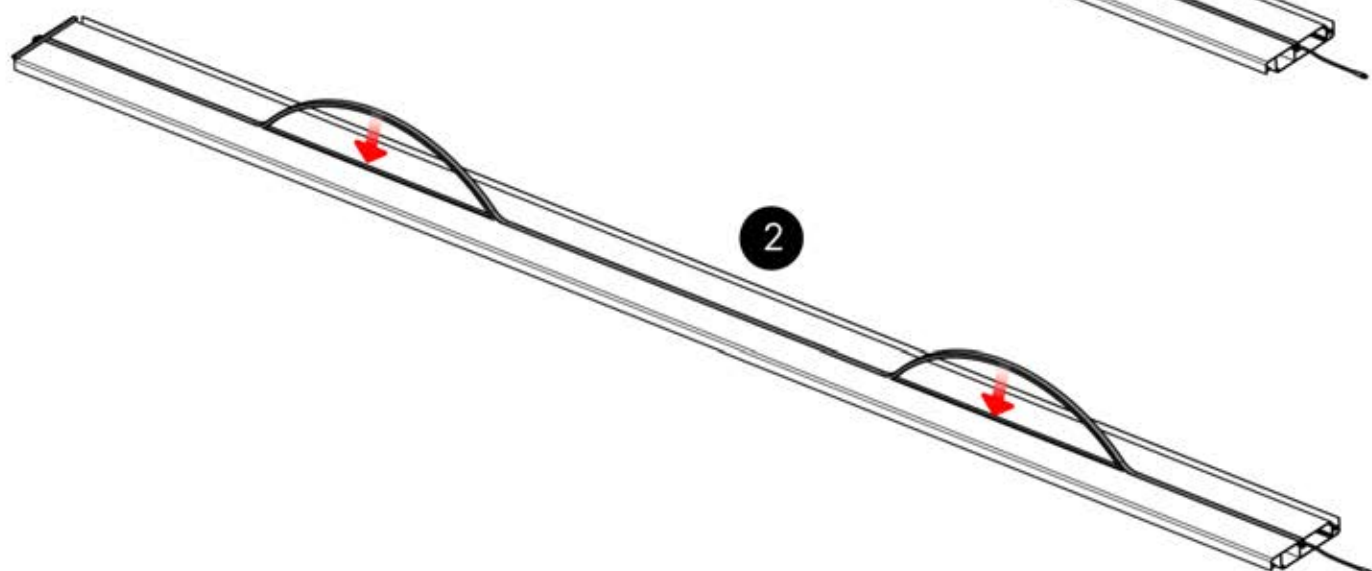
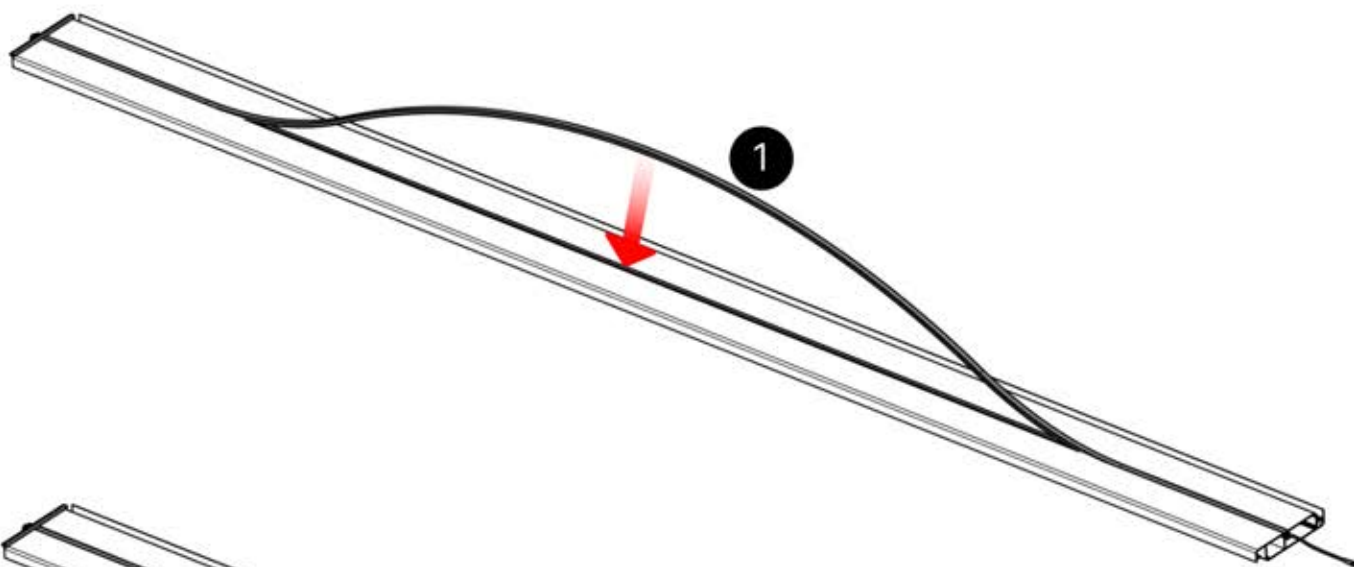
Remove these two components from the LED louver. Detaching them is necessary to facilitate the LED installation starting at step 56



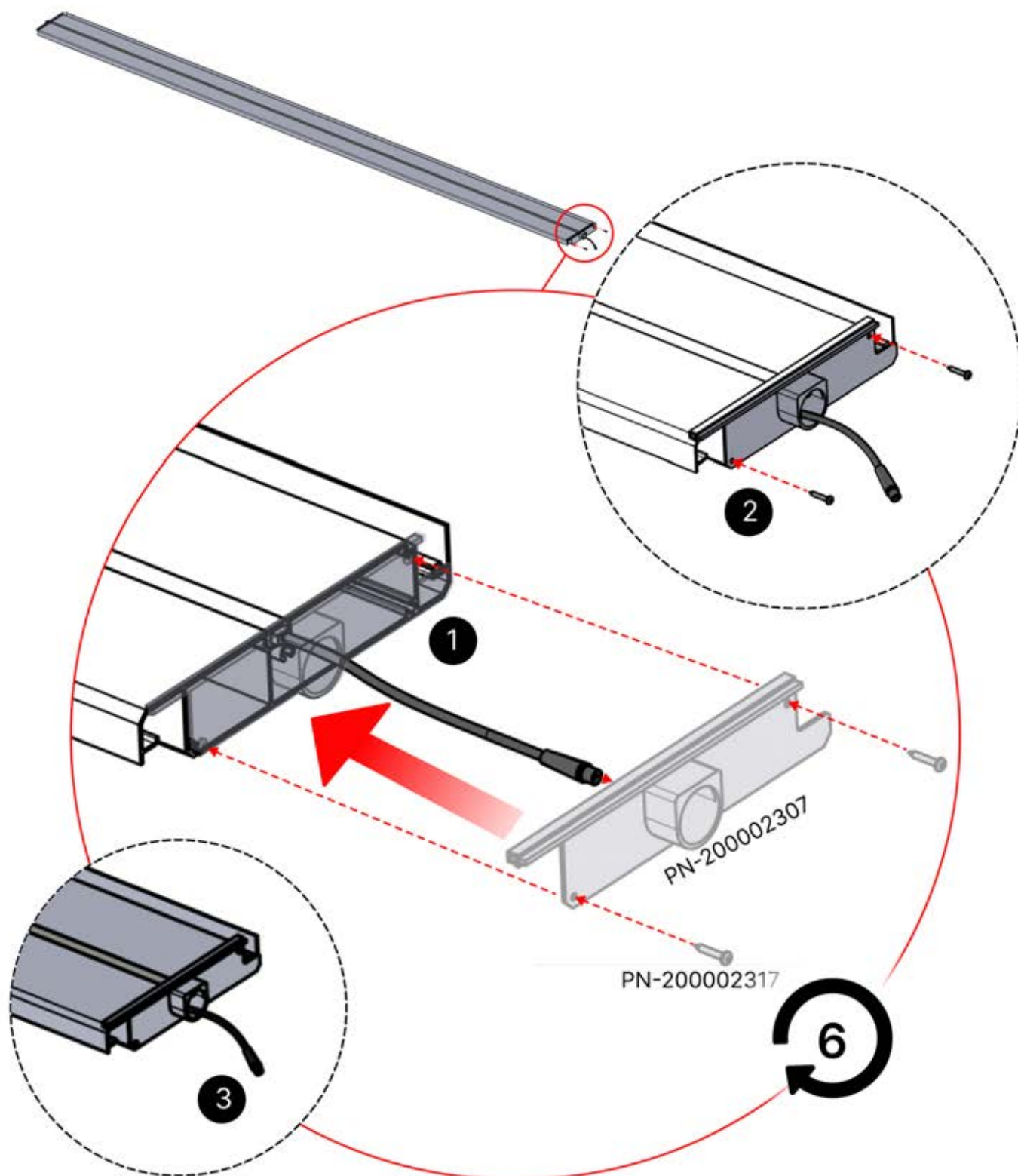
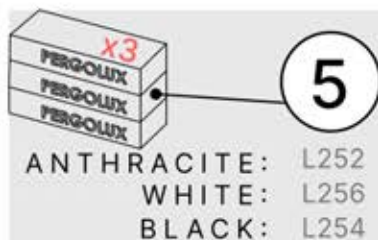
41



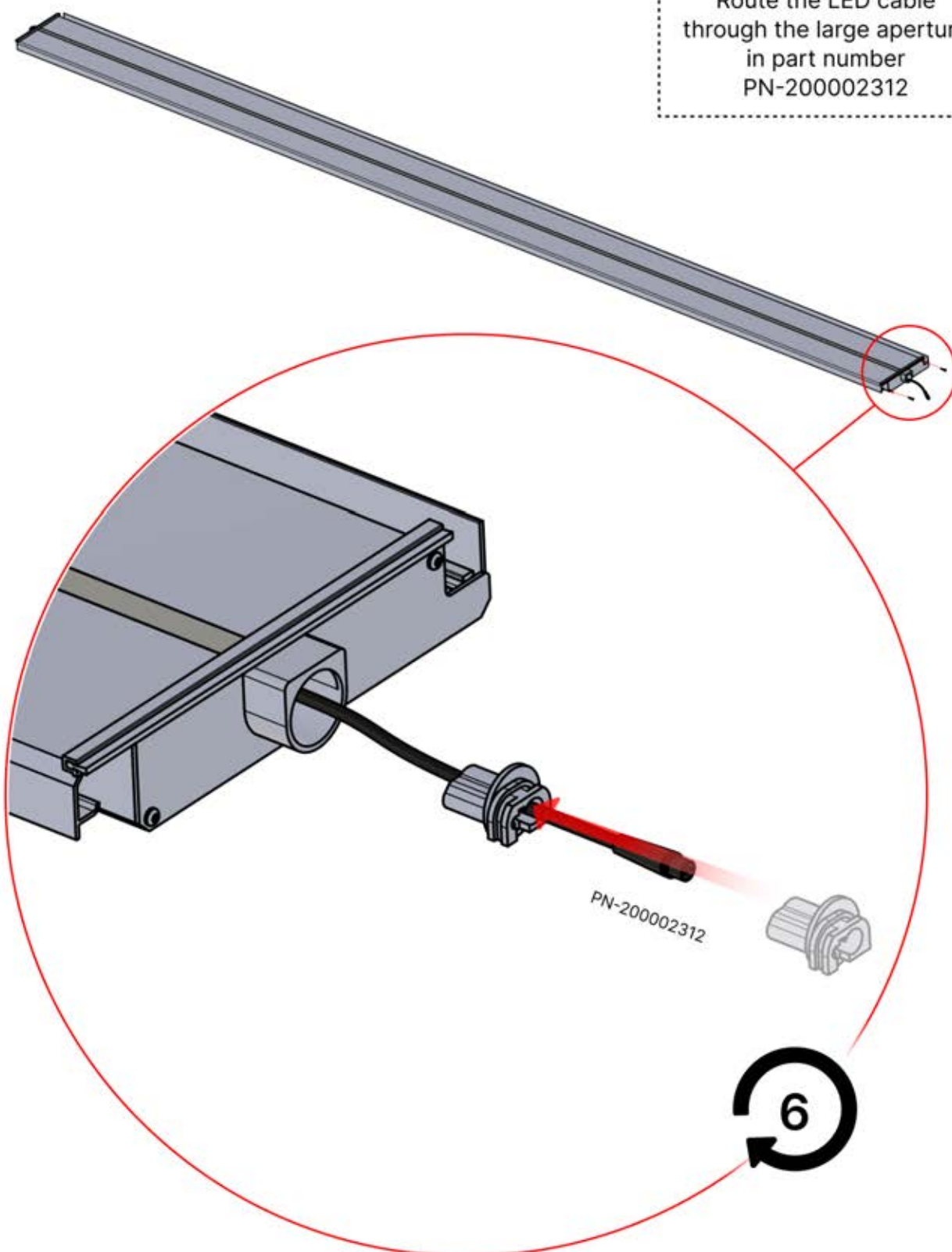
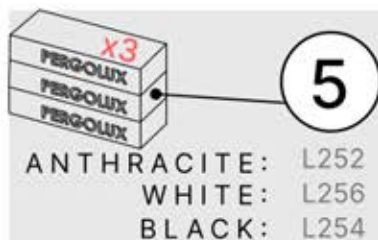
42



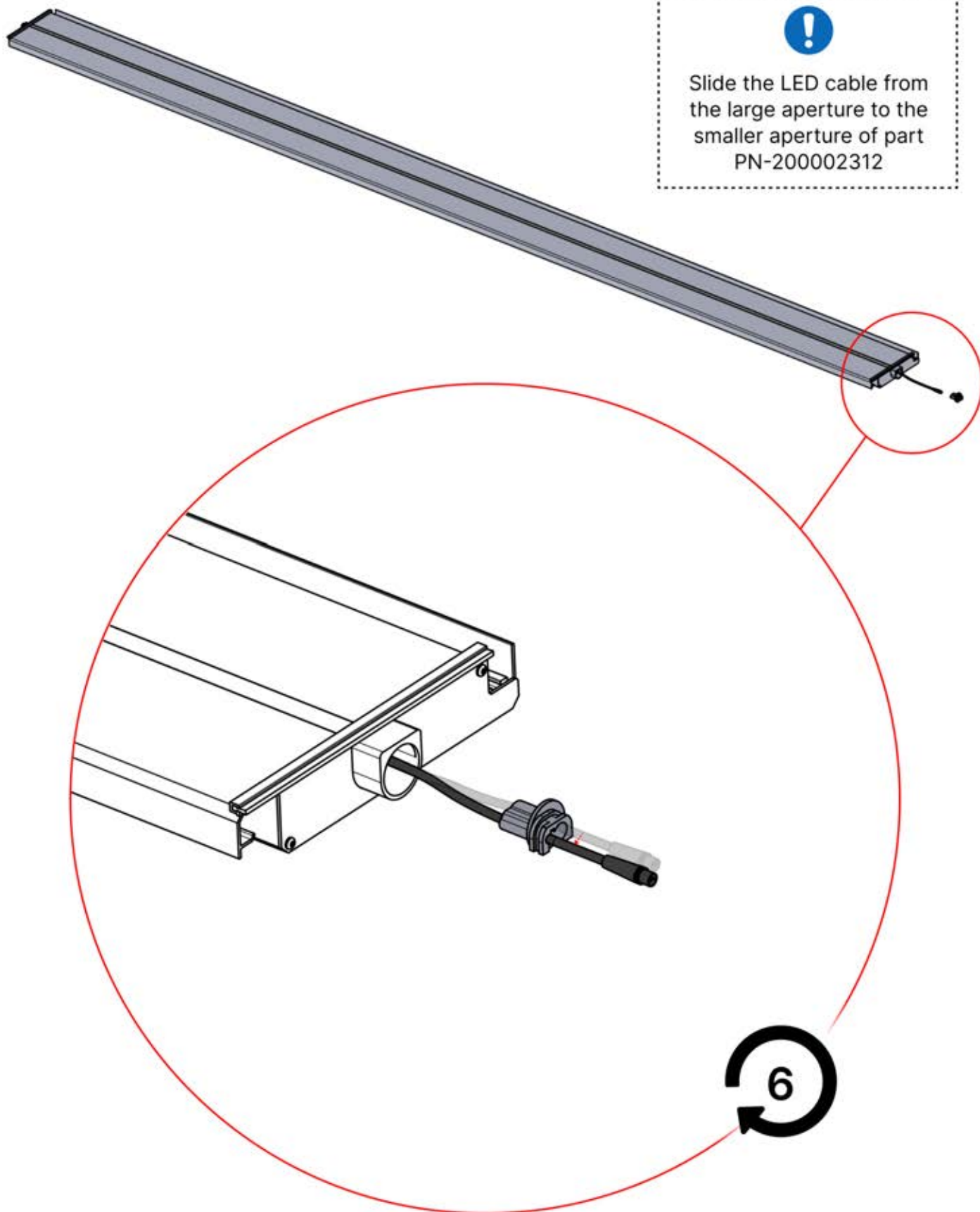
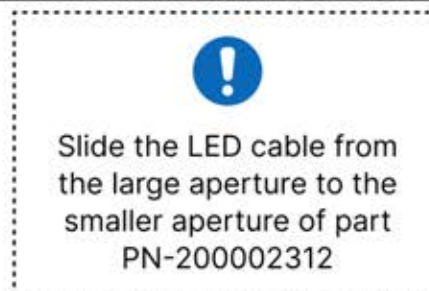
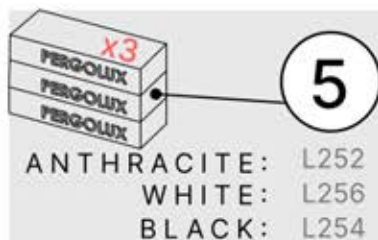
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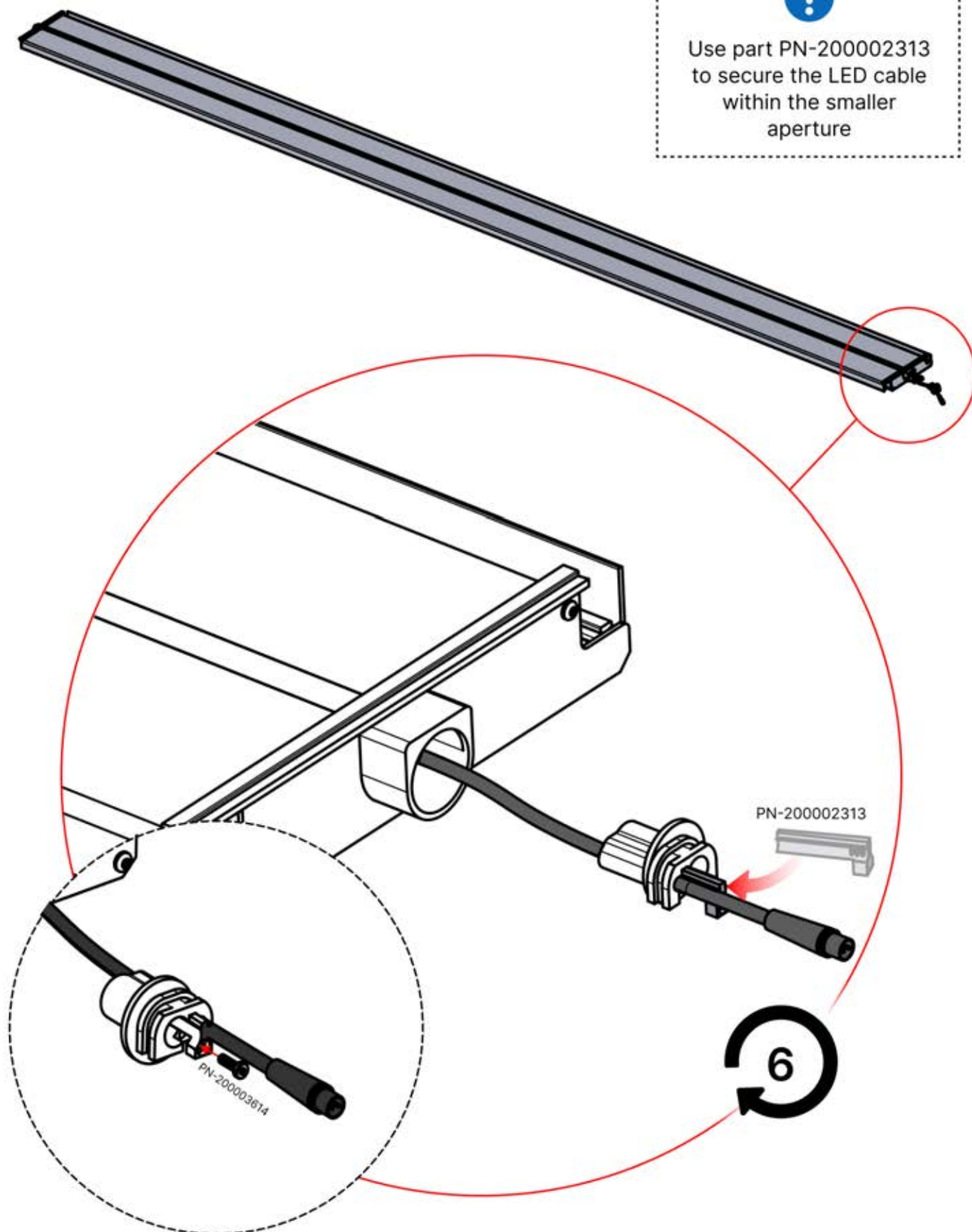
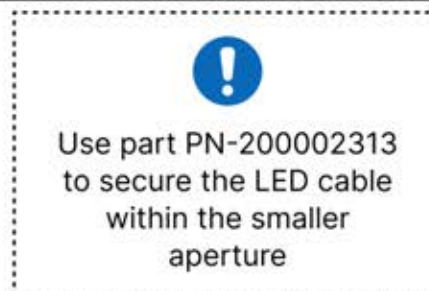
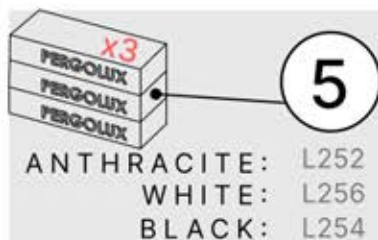
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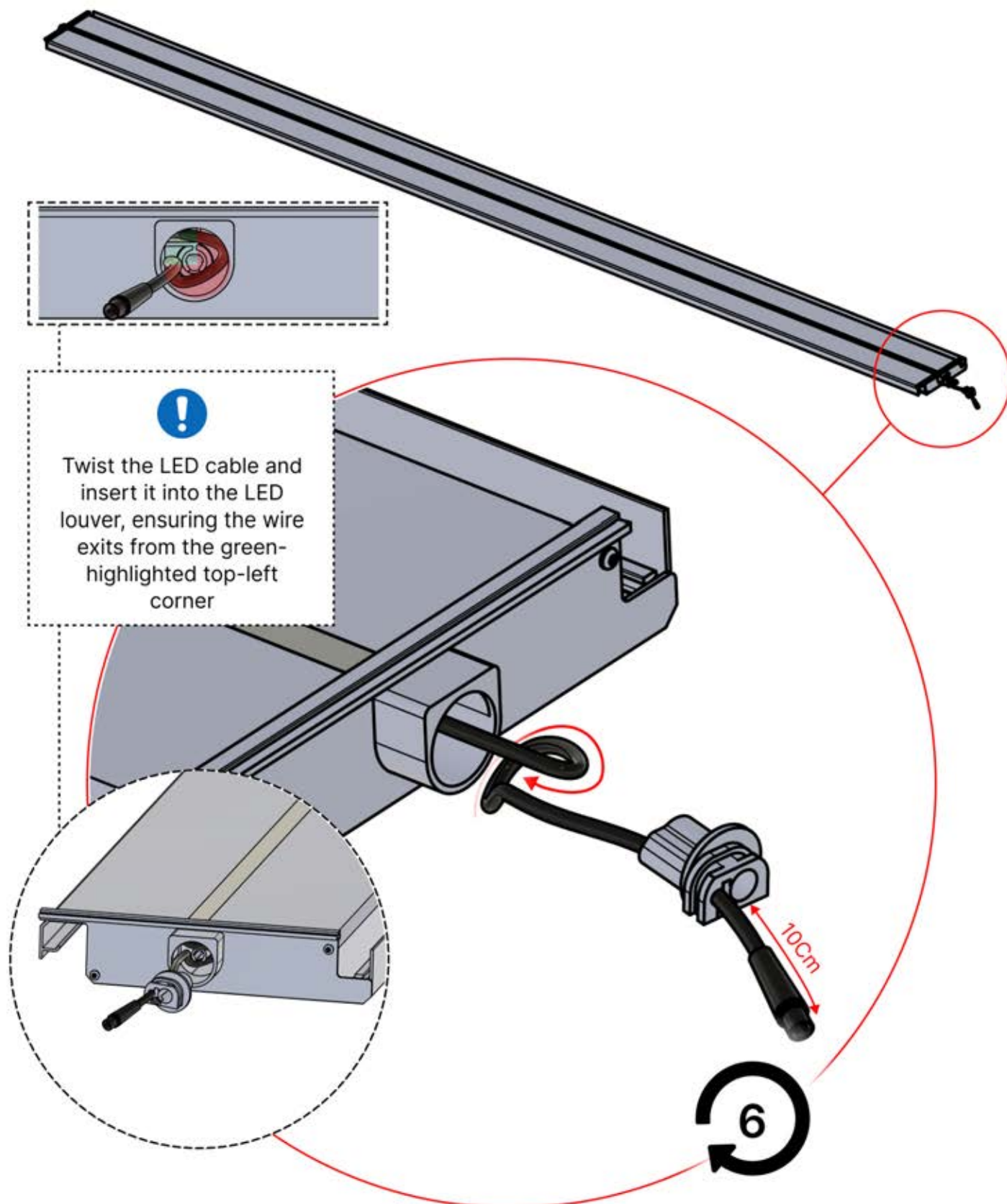
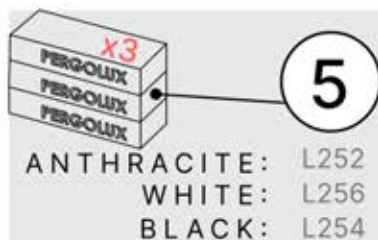
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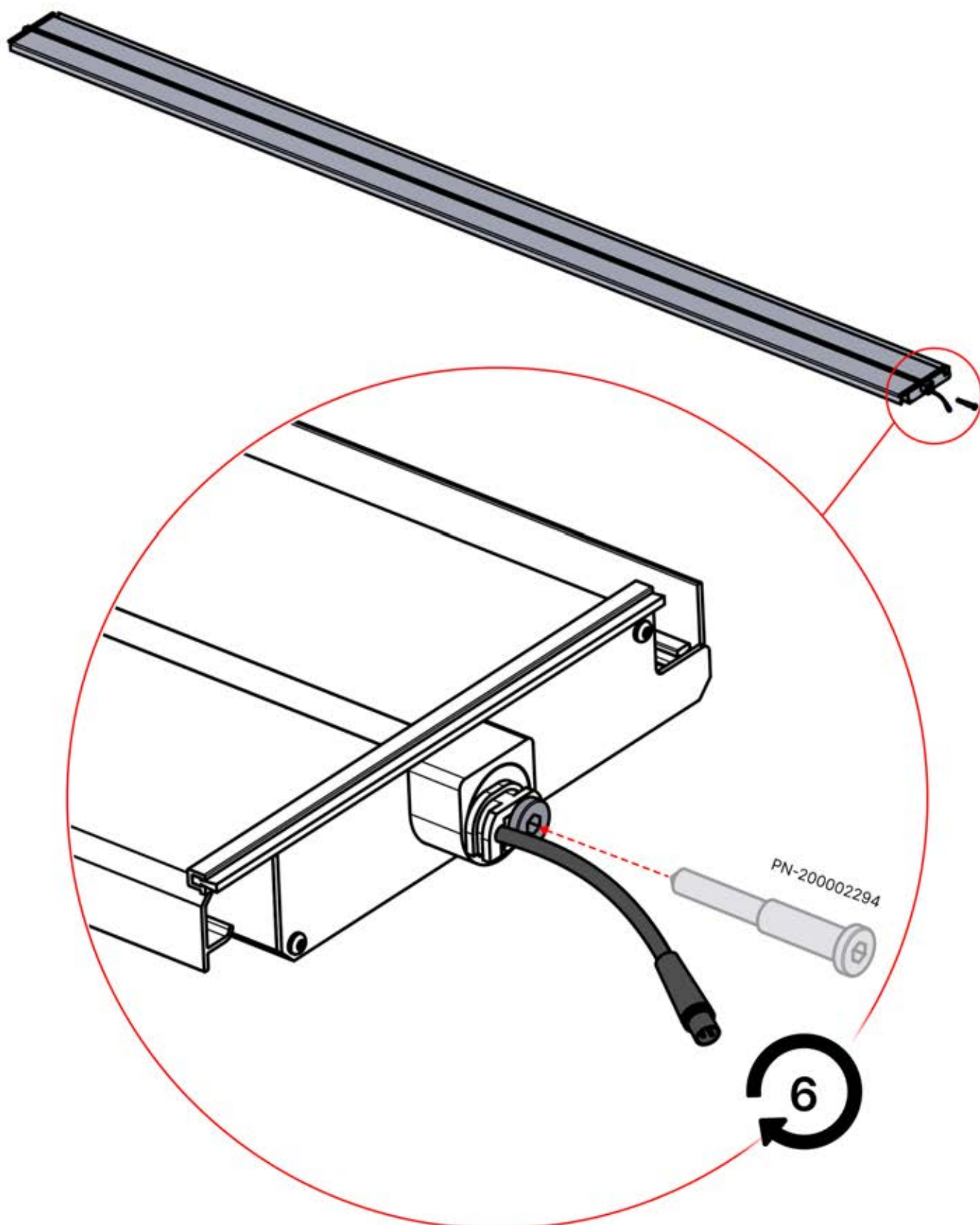
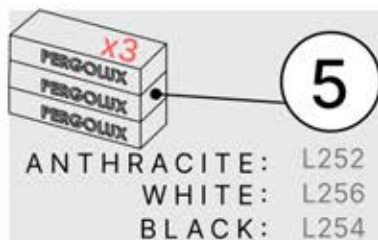
46



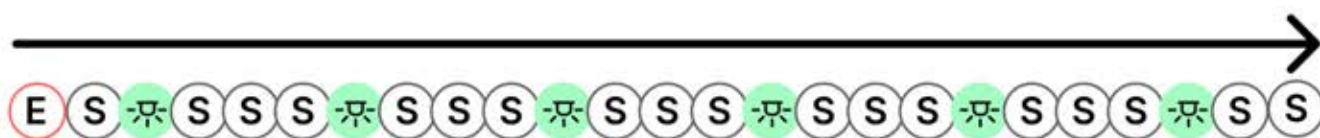
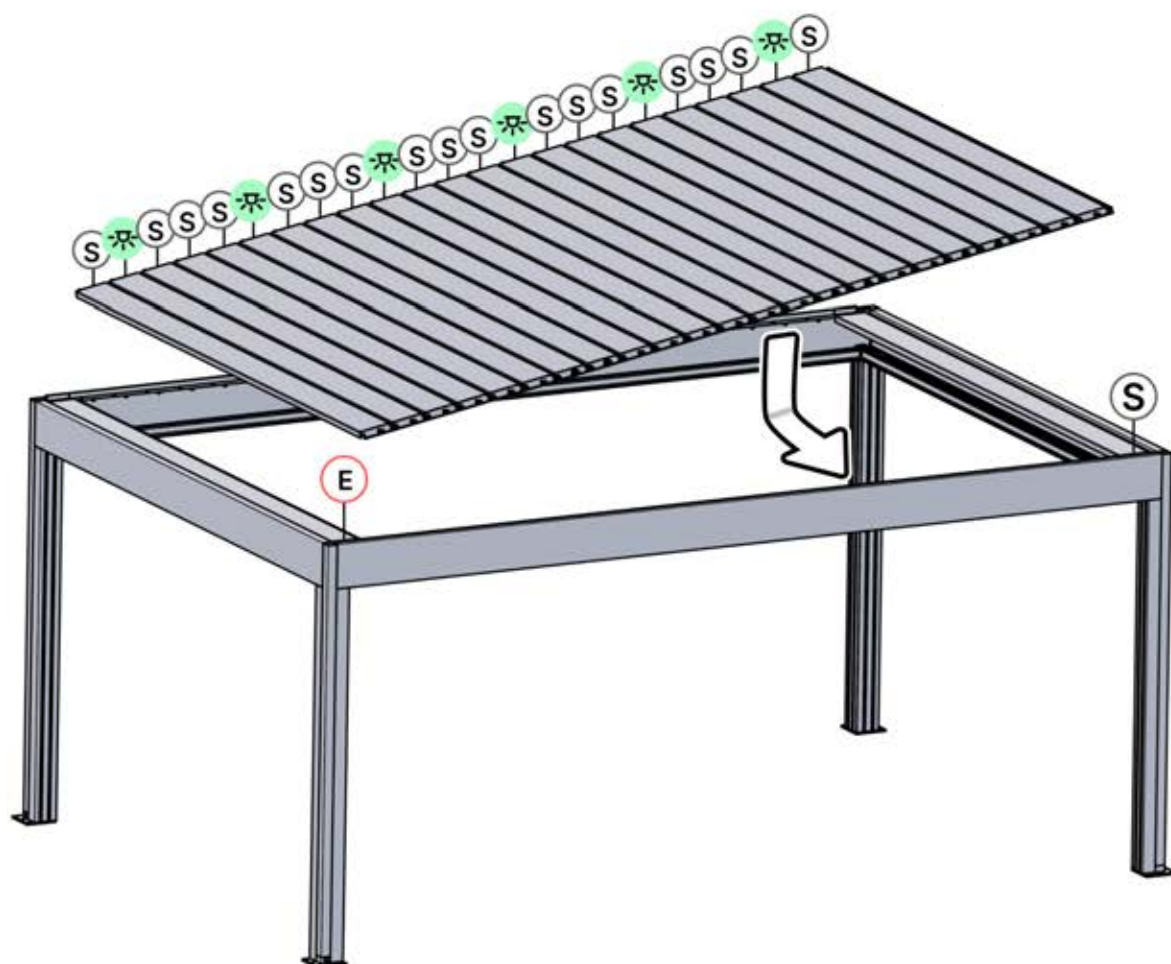
47



48



49



50



4

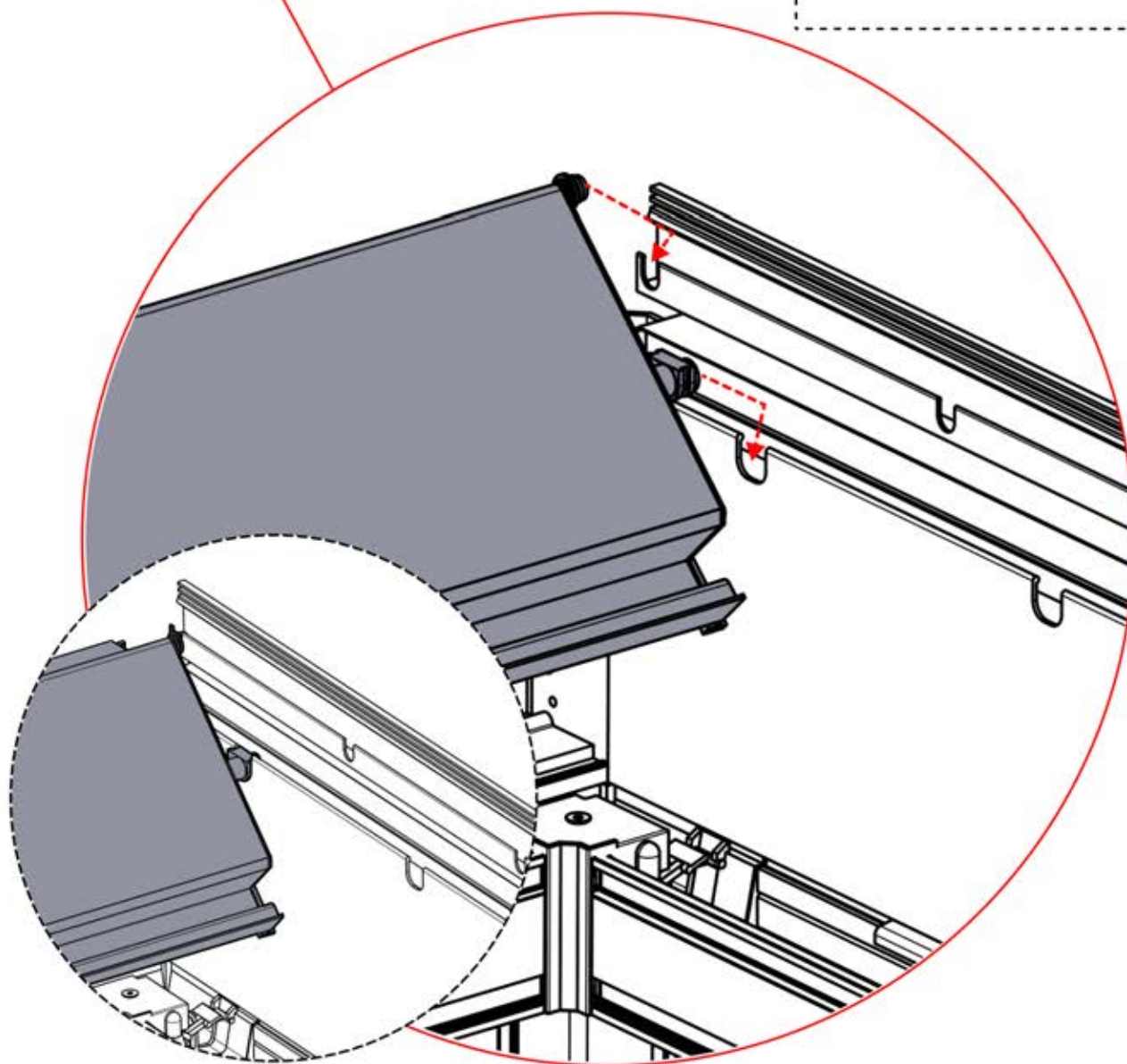
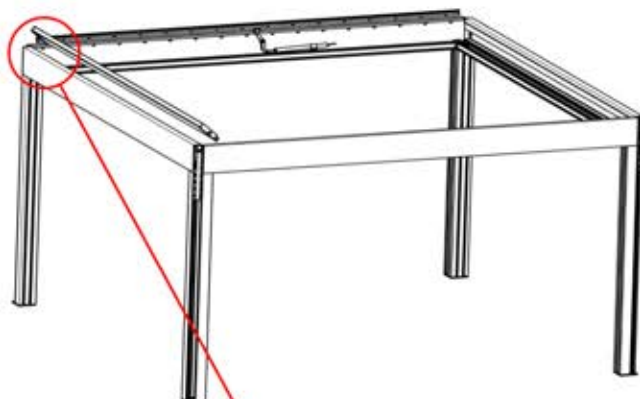
ANTHRACITE: L264
WHITE: L268
BLACK: L266

E



PN-200002362

1x



51



4

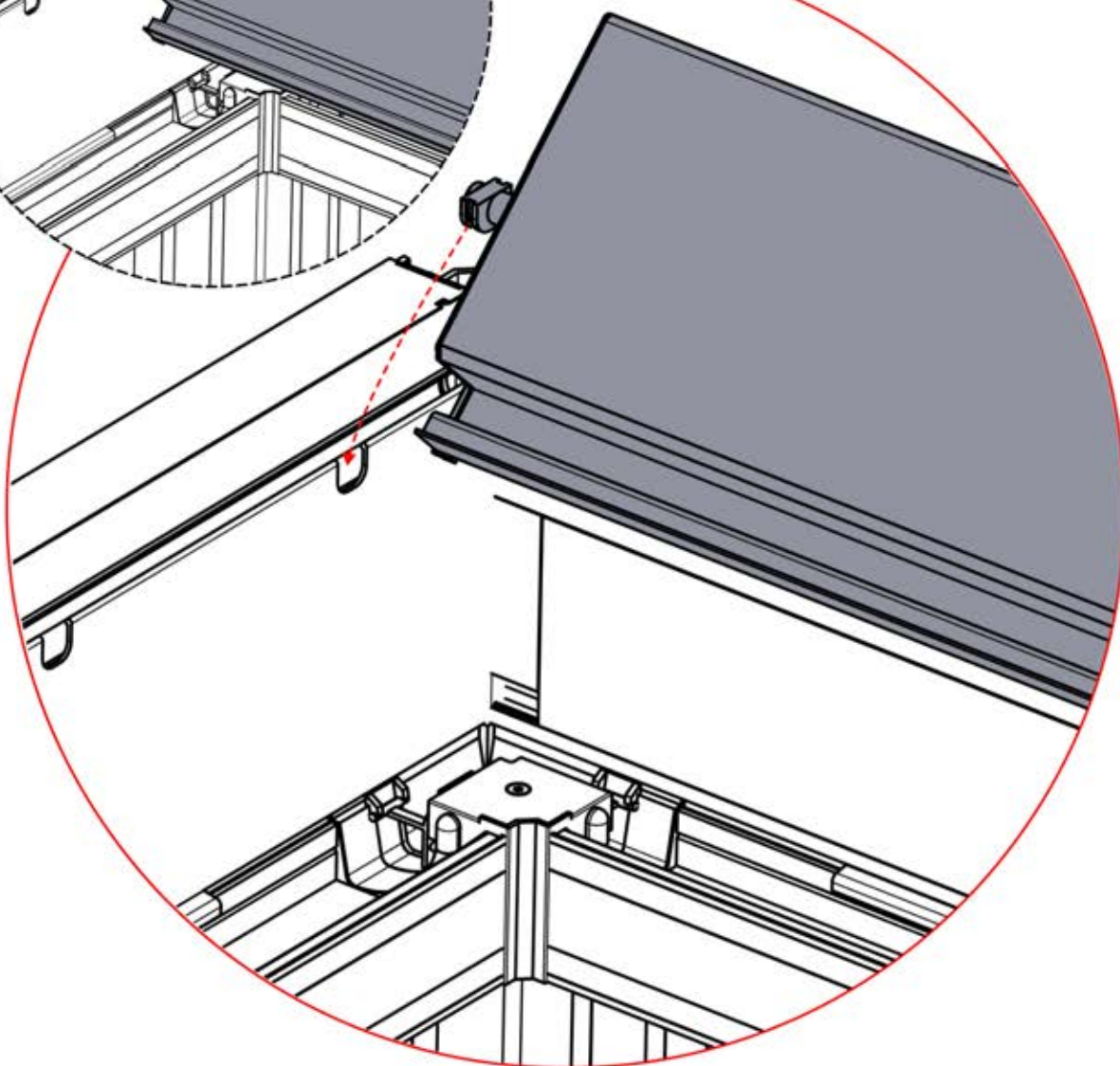
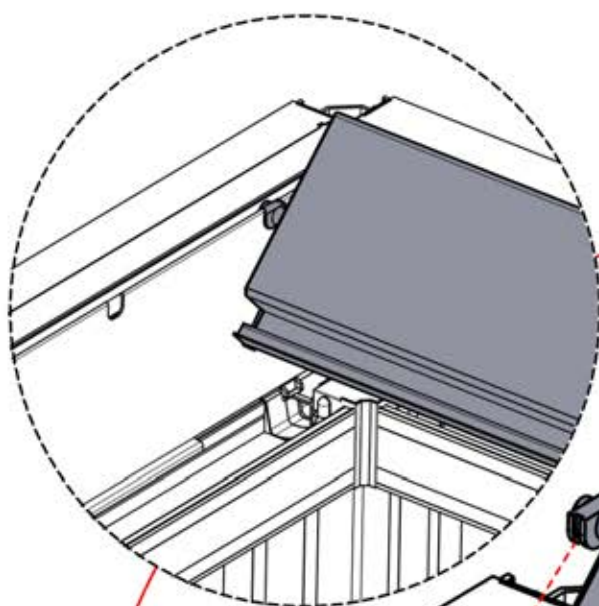
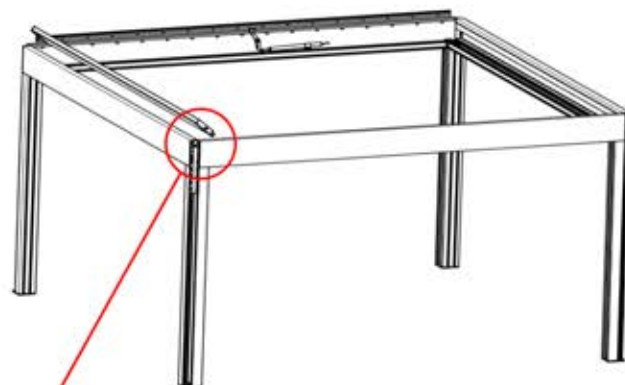
ANTHRACITE: L264
WHITE: L268
BLACK: L266

E

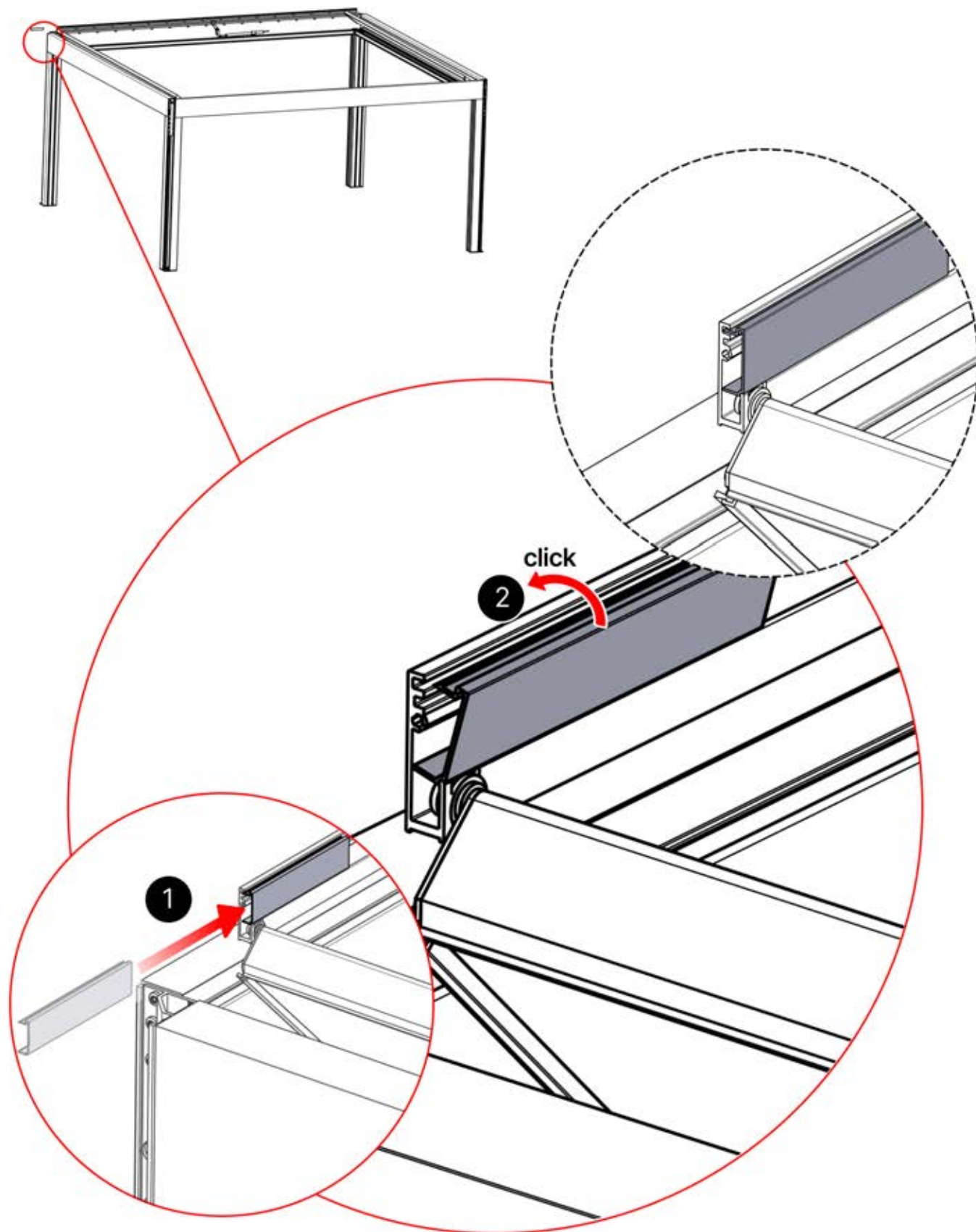
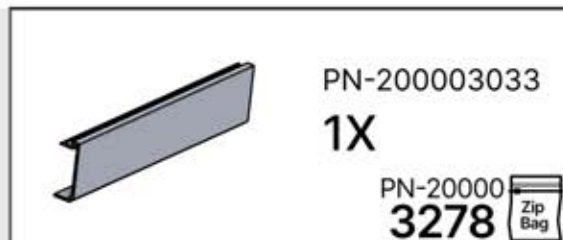
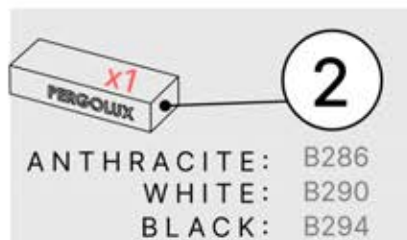


PN-200002362

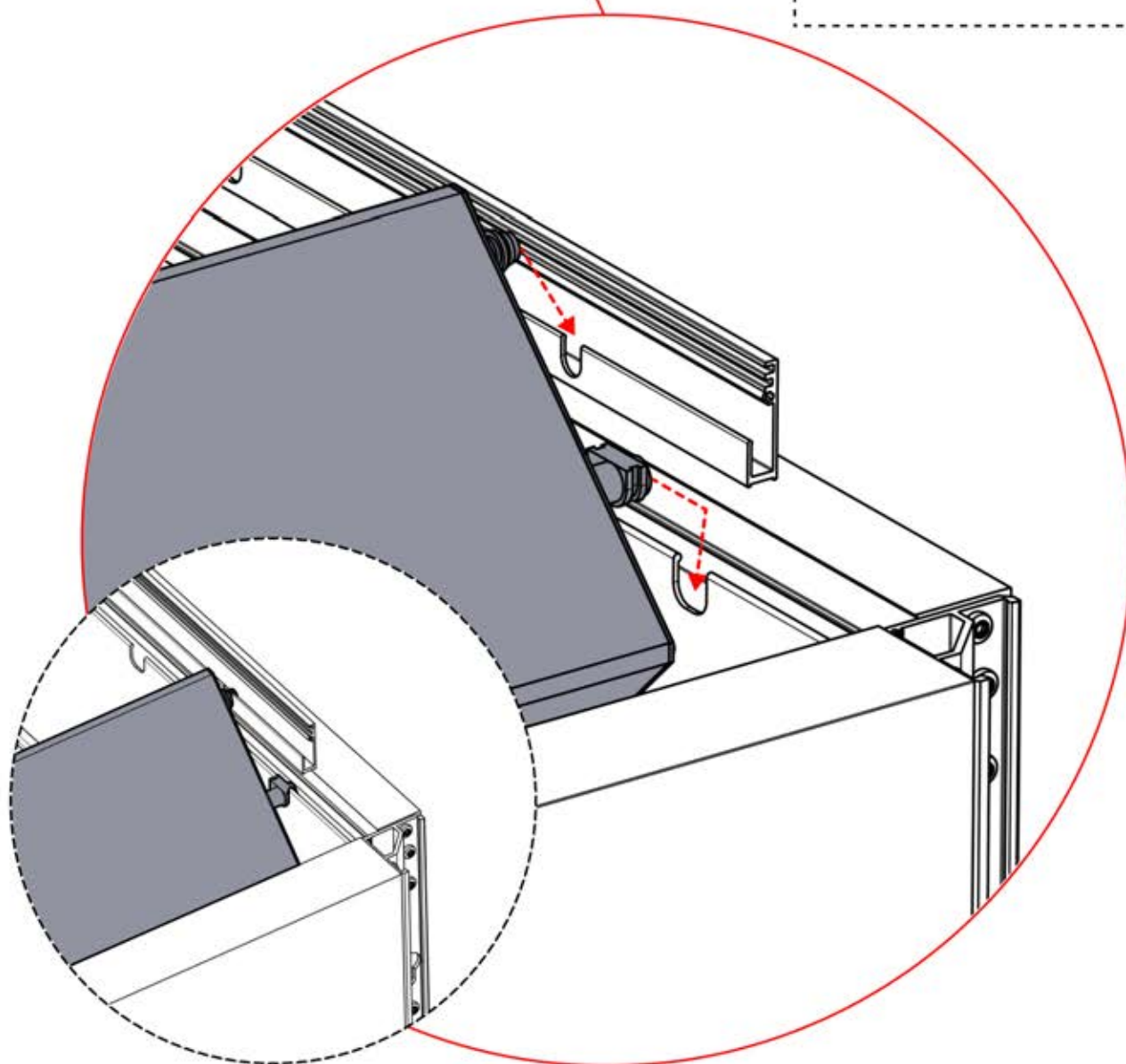
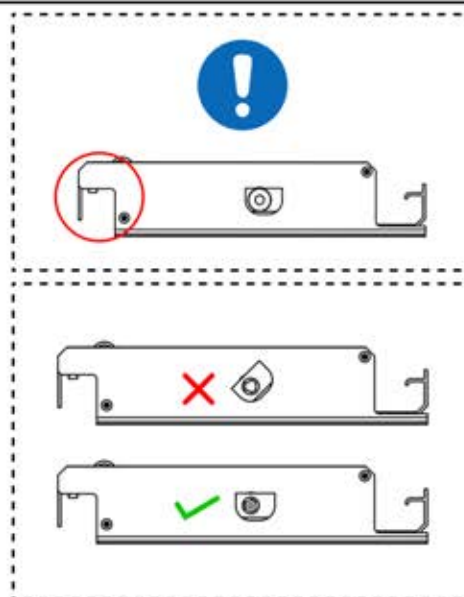
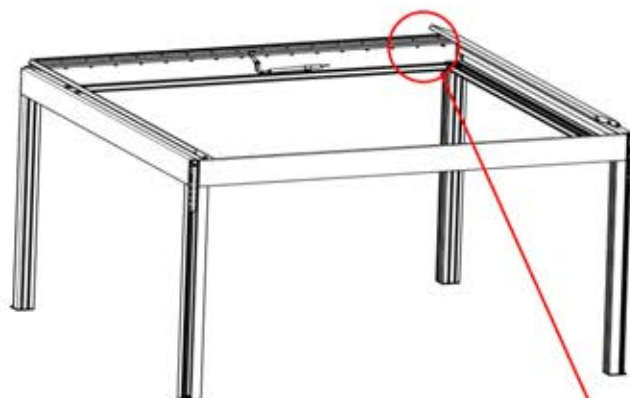
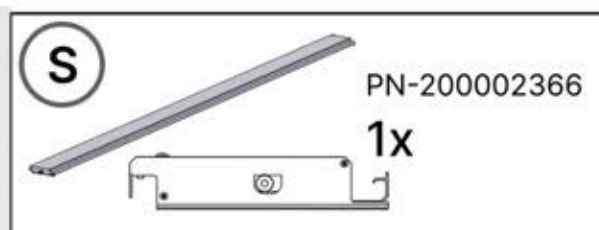
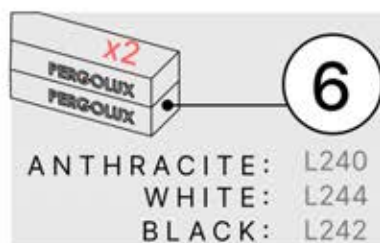
1x



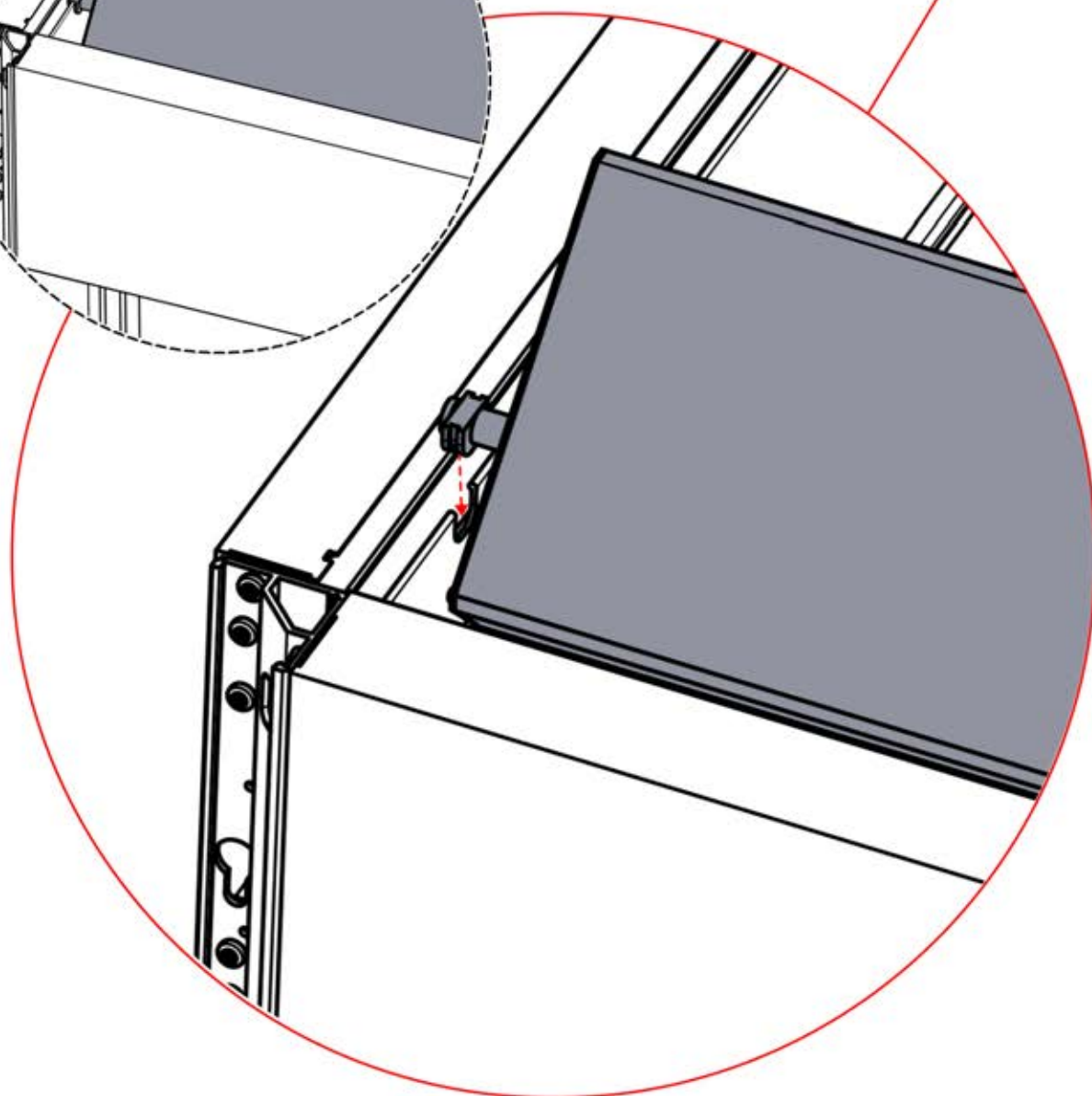
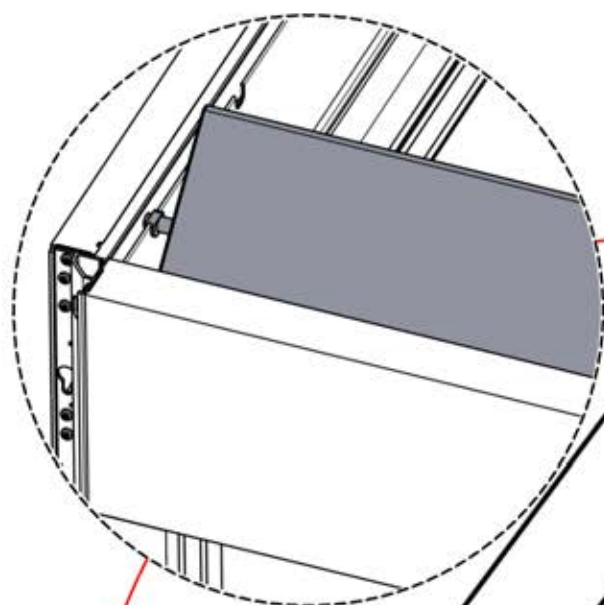
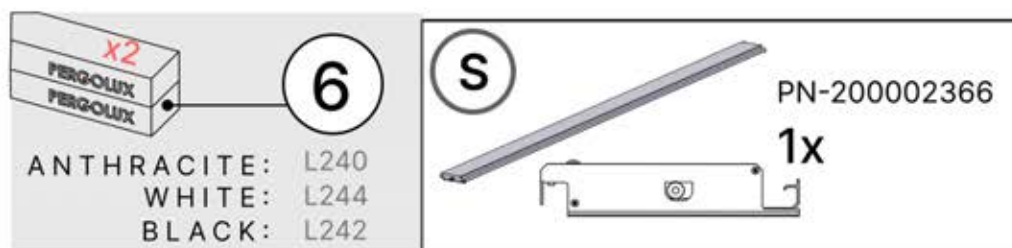
52



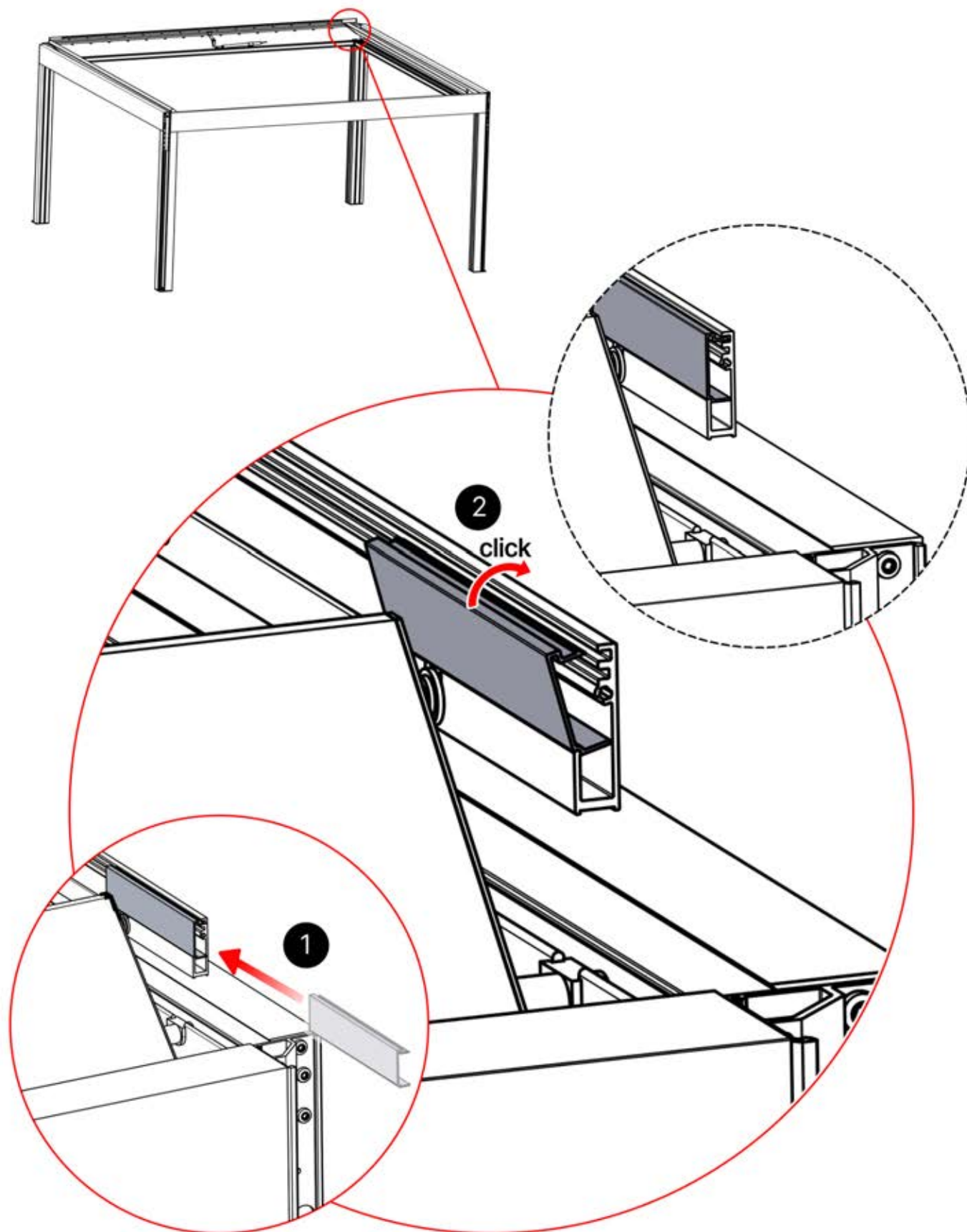
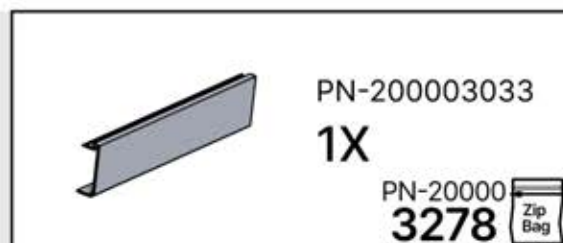
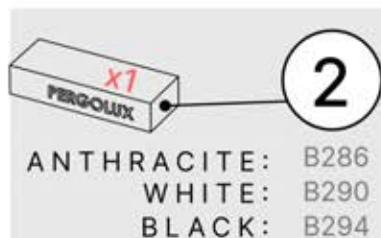
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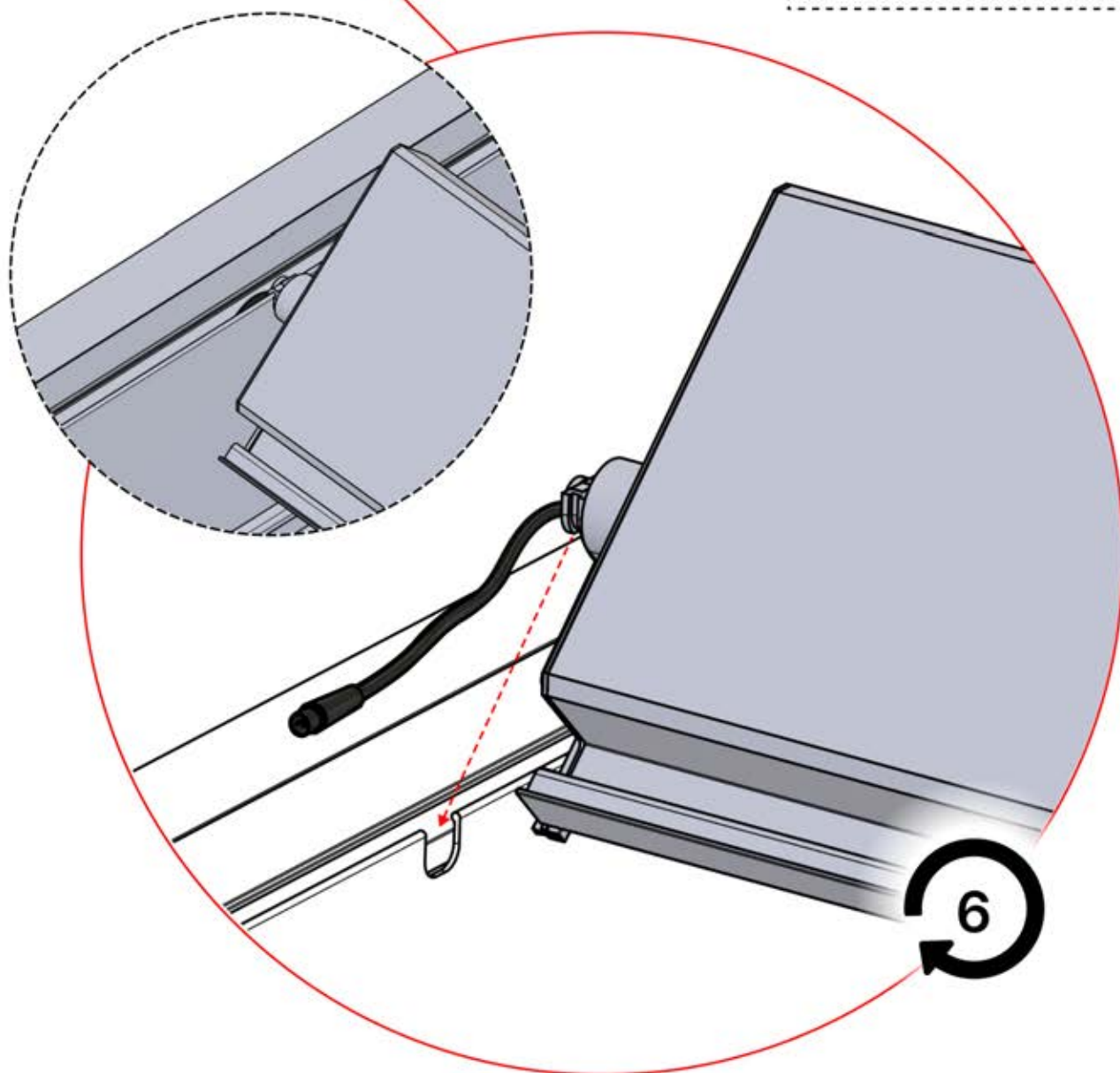
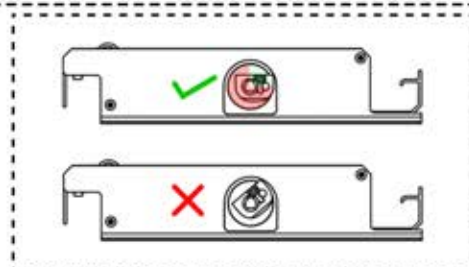
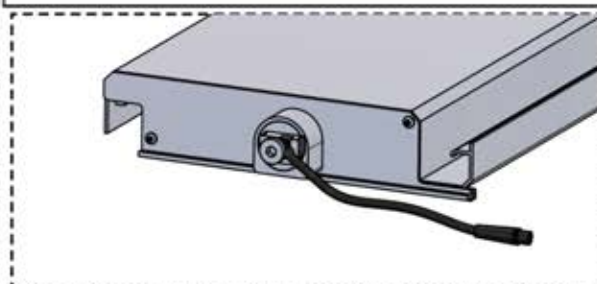
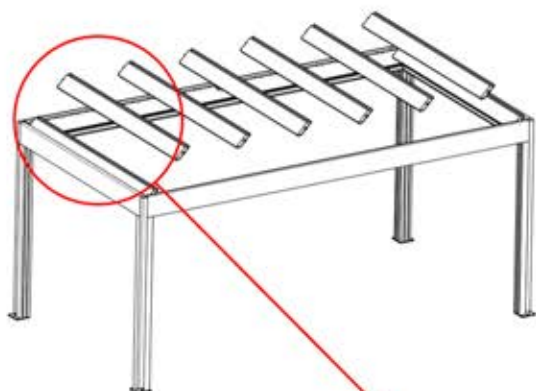
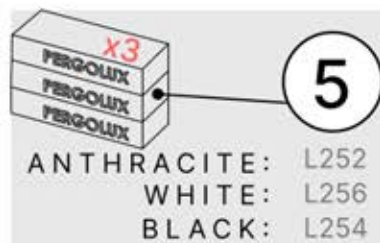
54

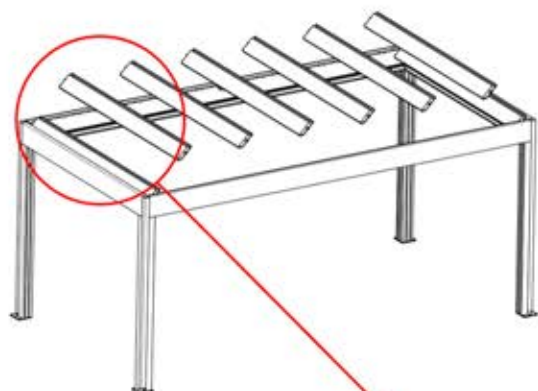


55

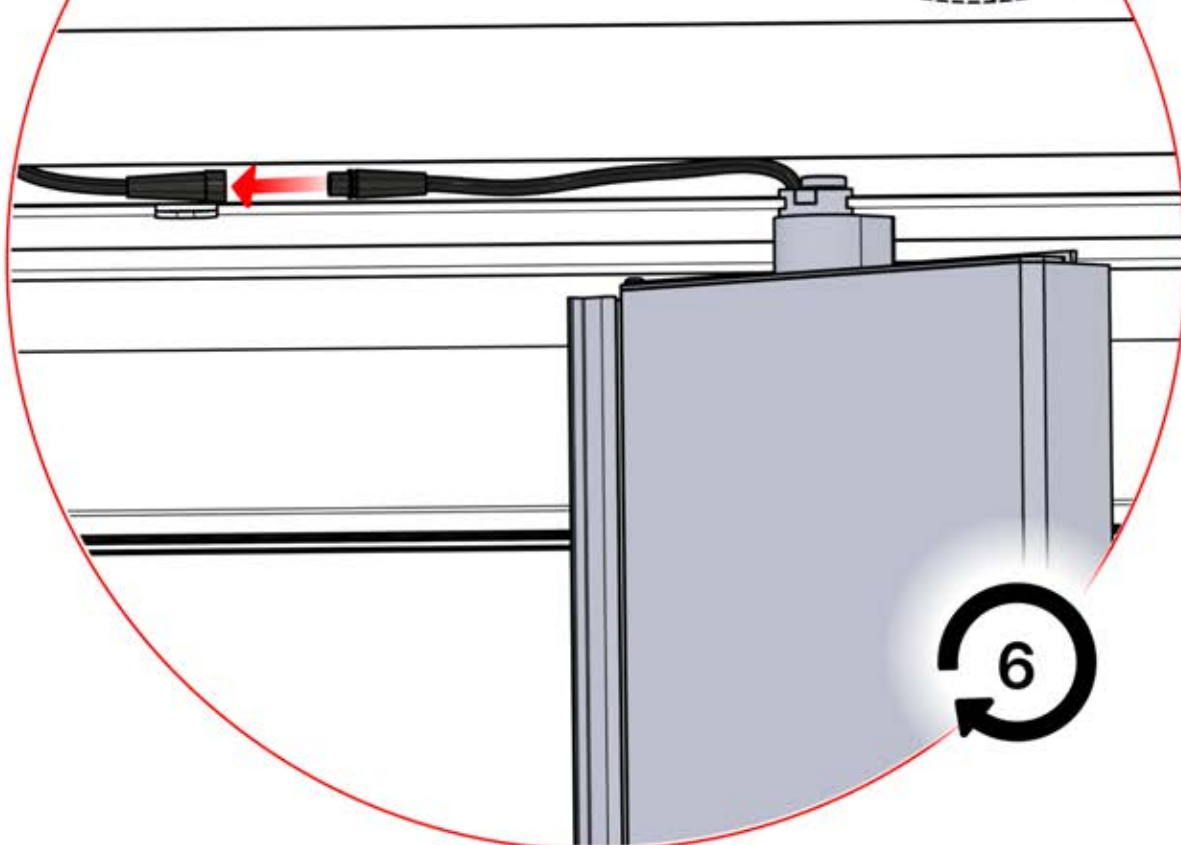
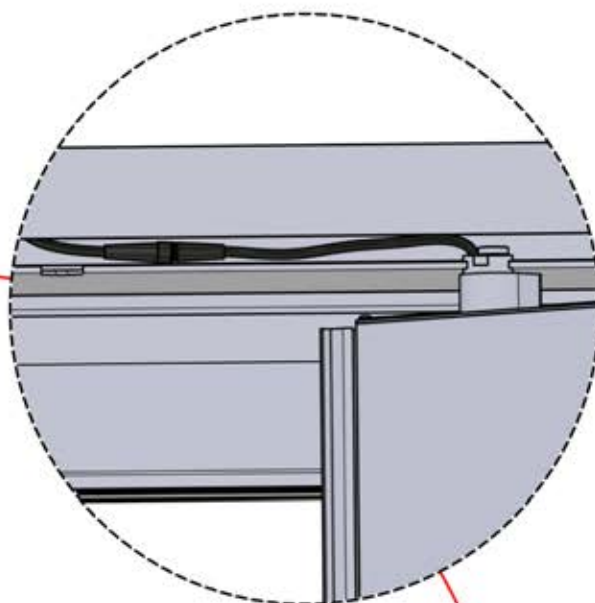


56

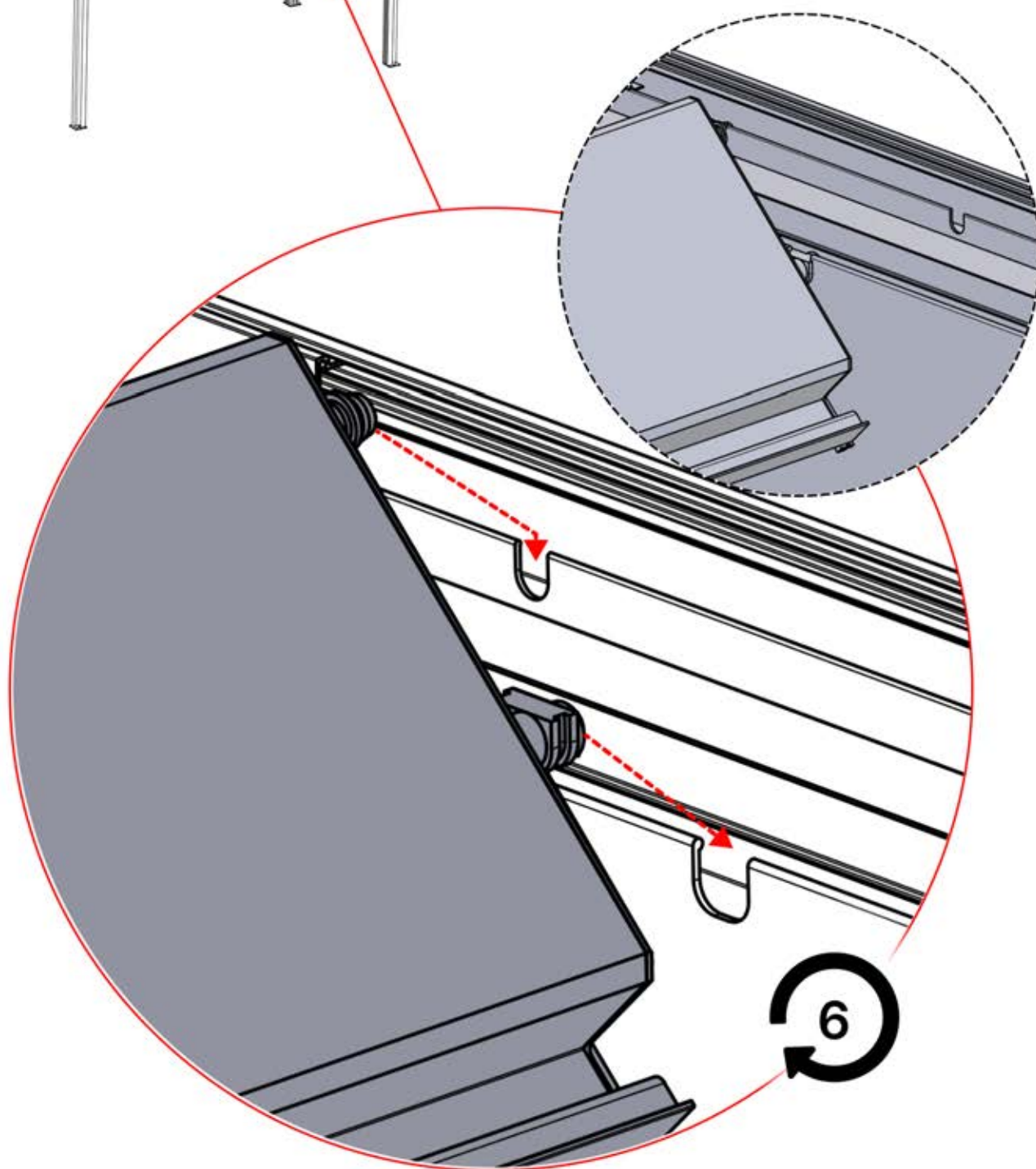
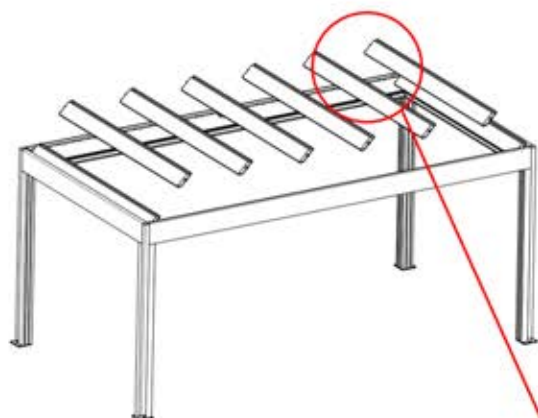
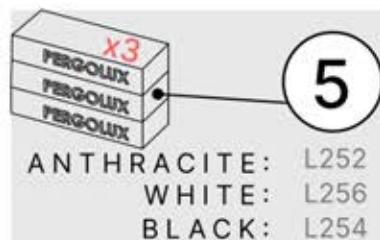




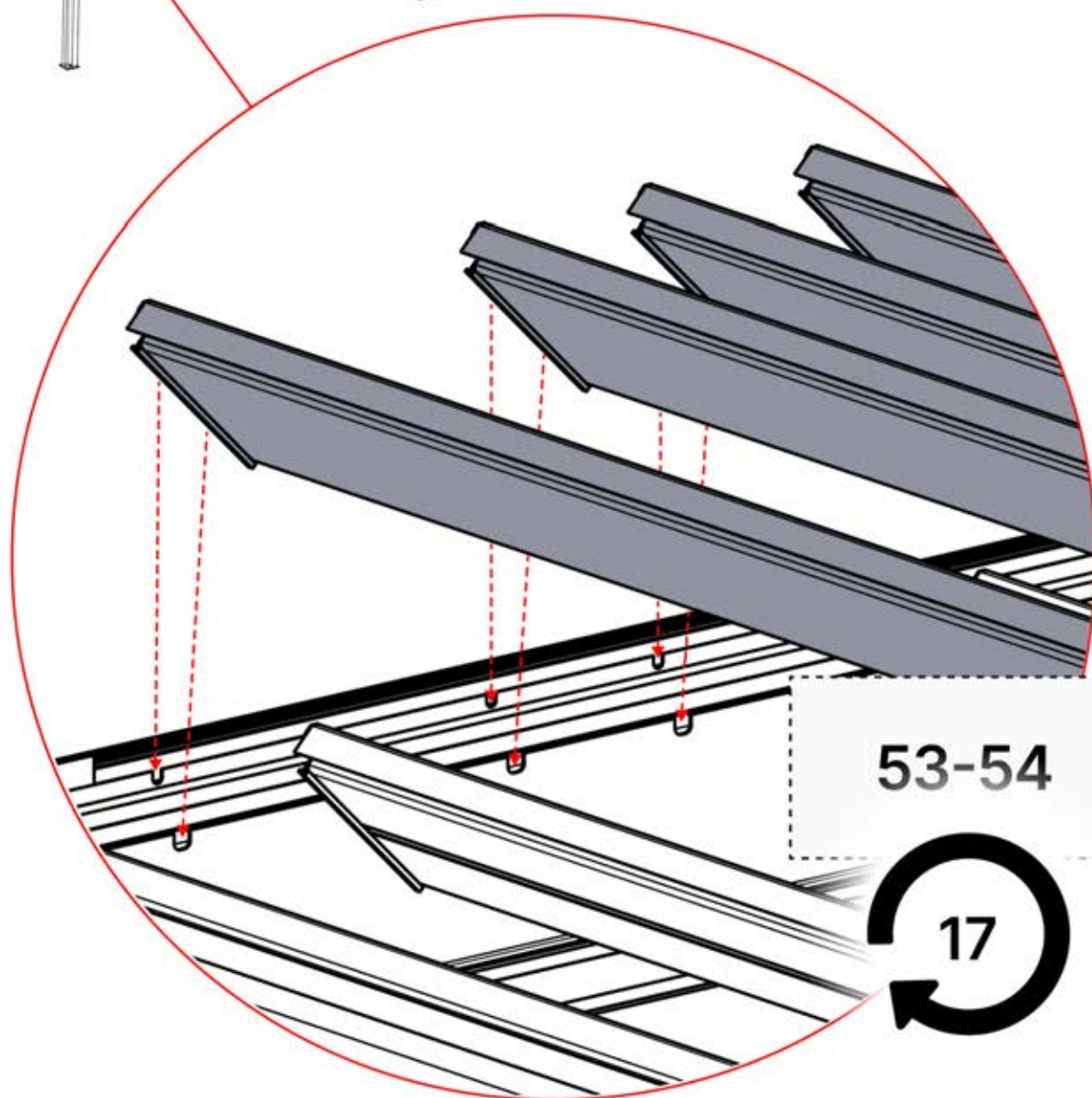
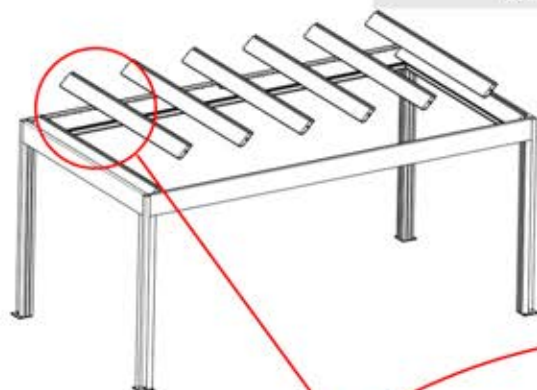
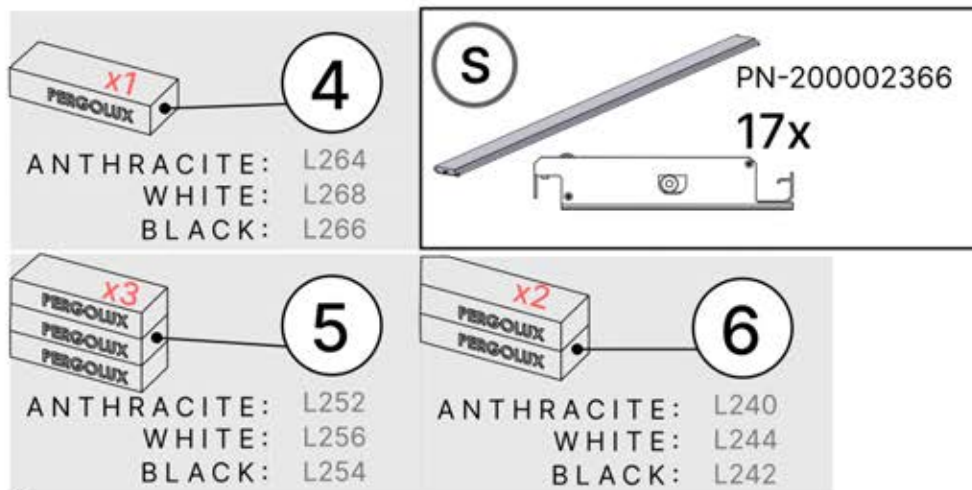
!
Connect the LED
cable to the 4-pin LED
wire



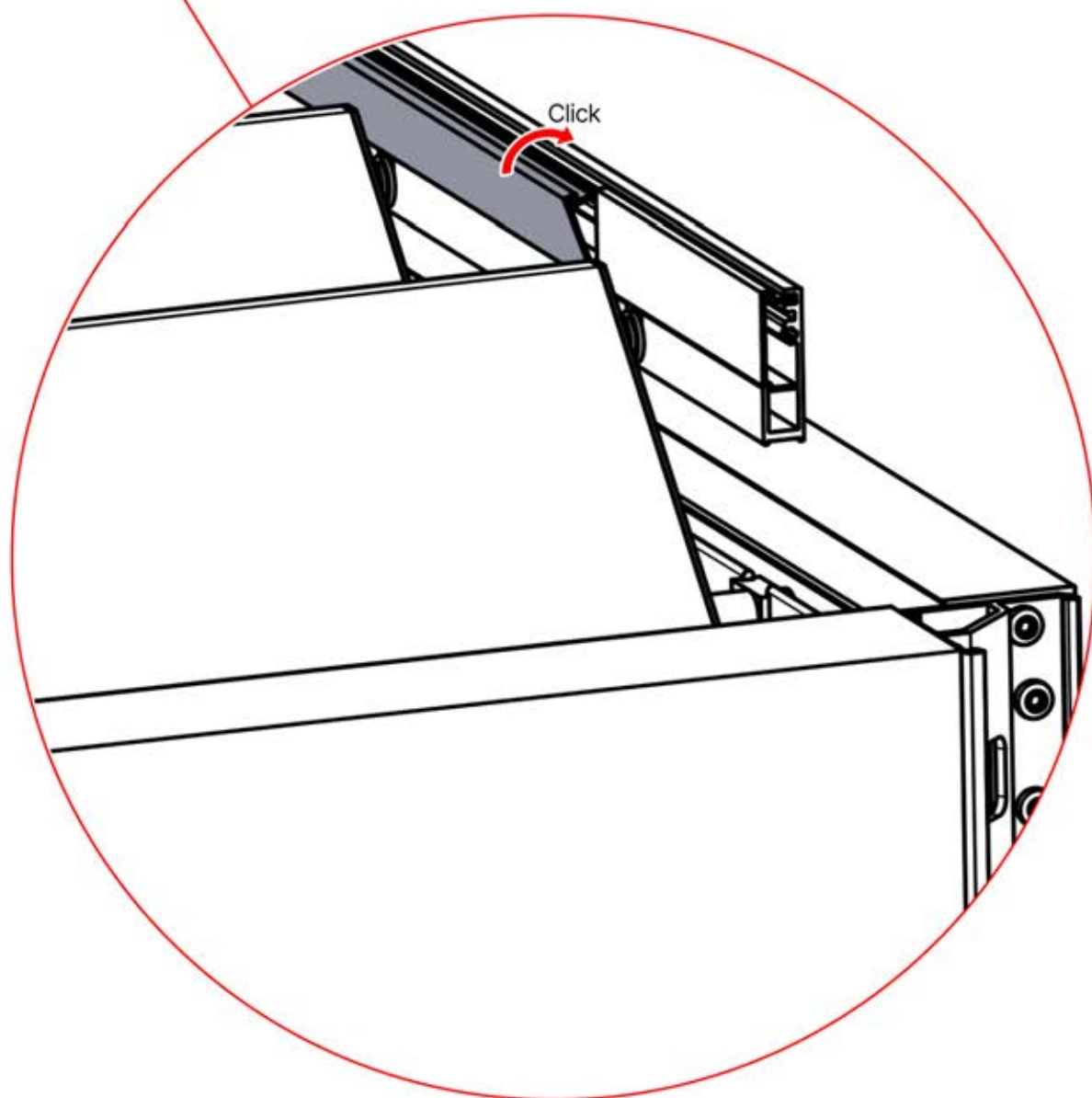
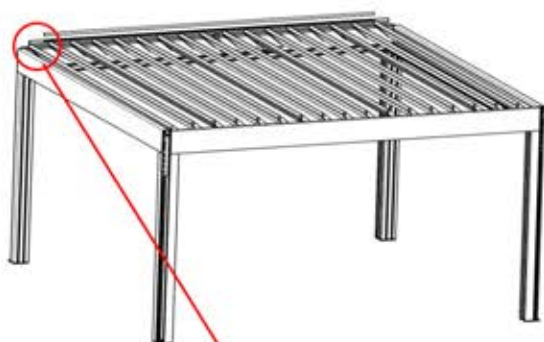
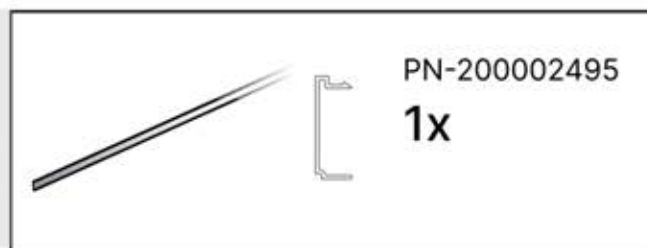
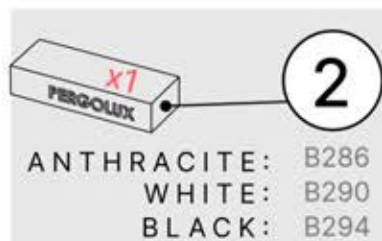
58



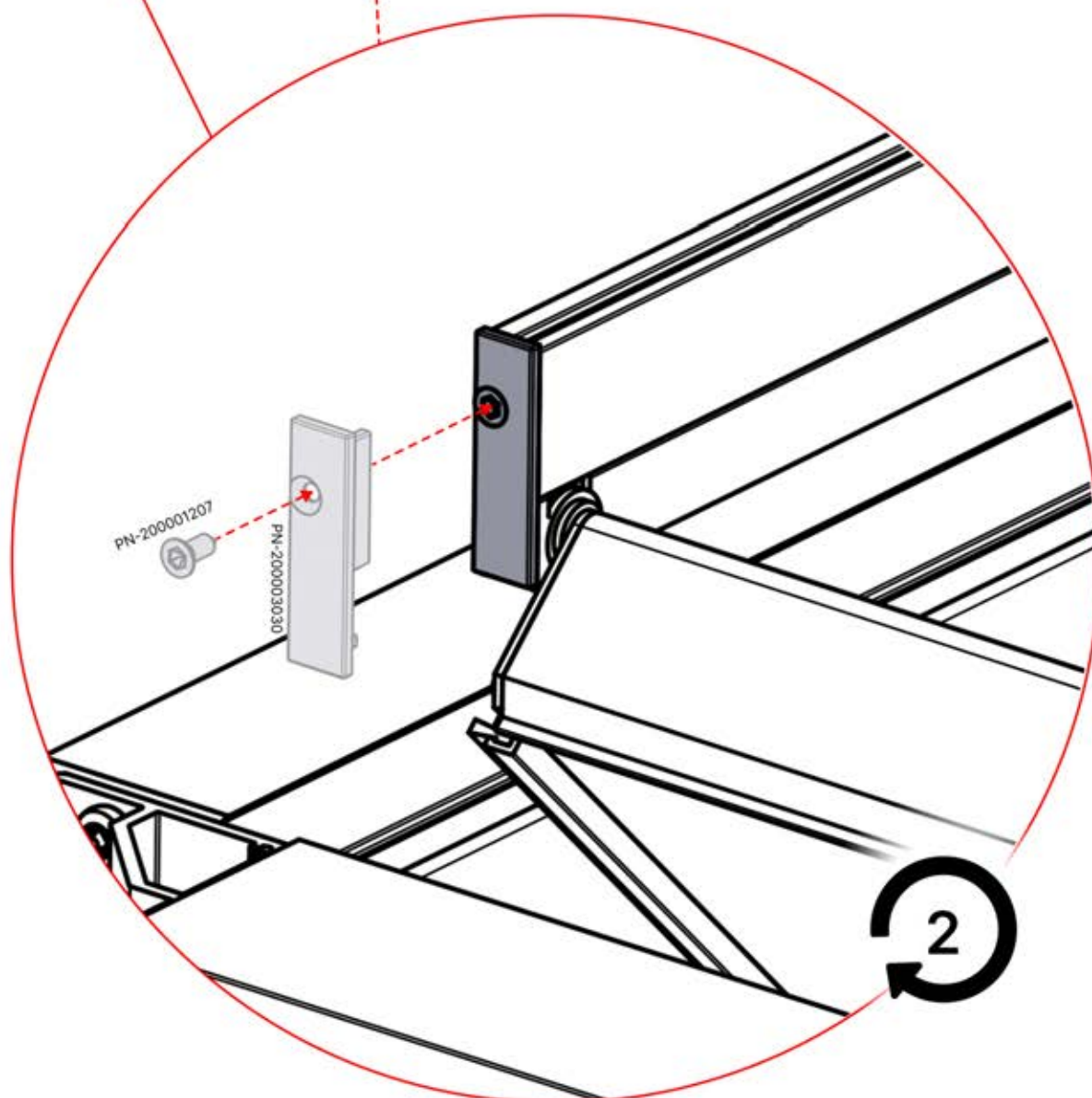
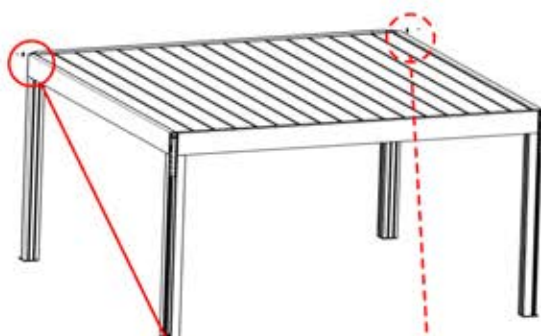
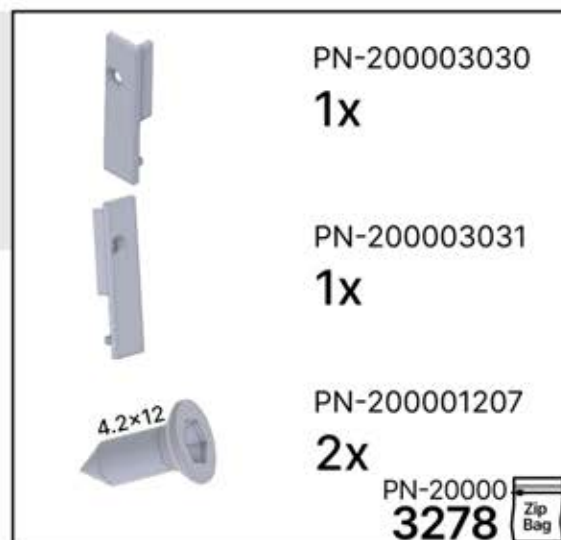
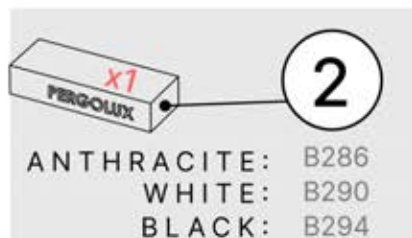
59



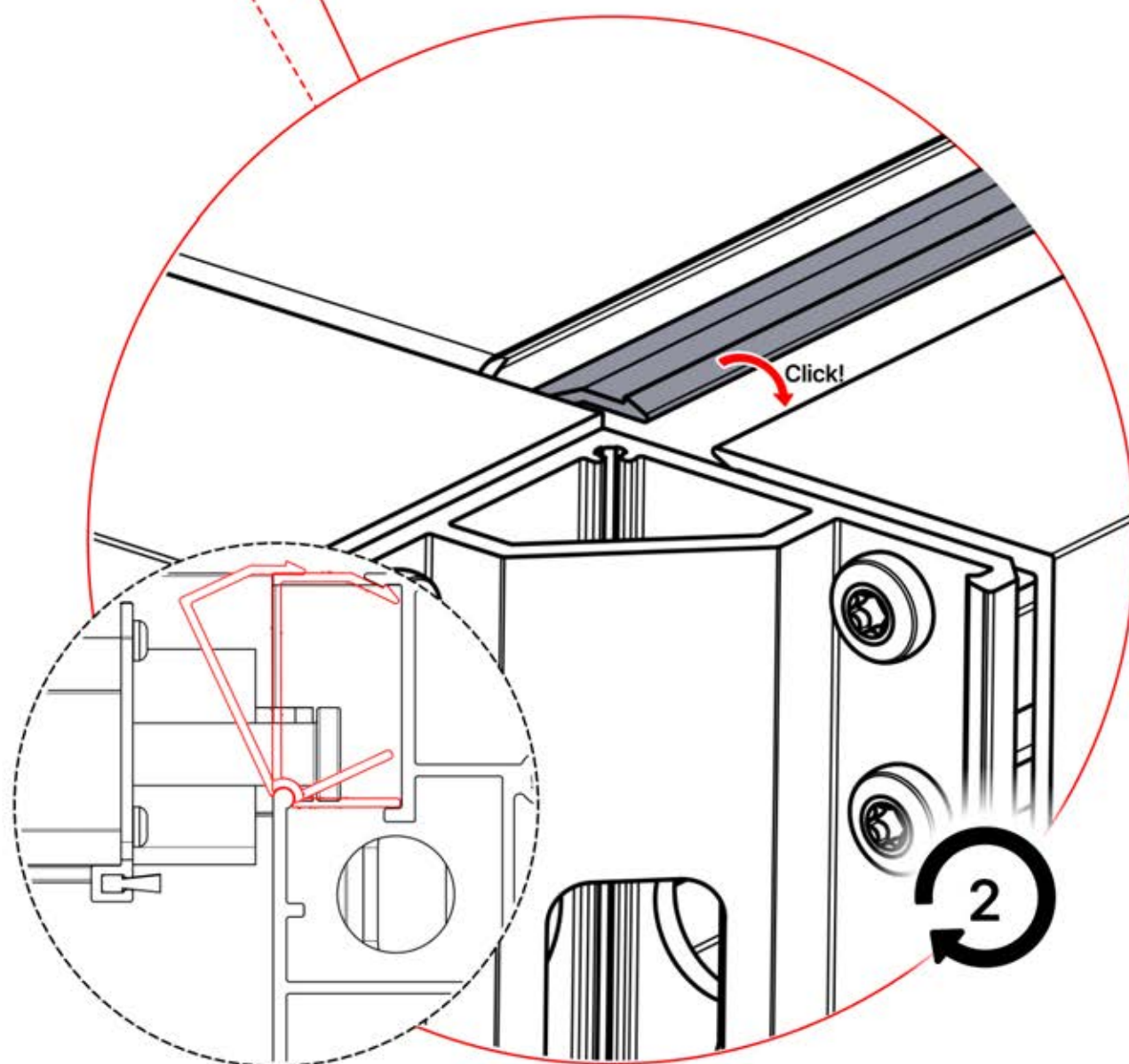
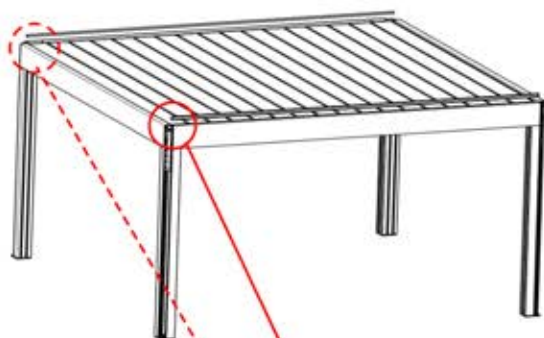
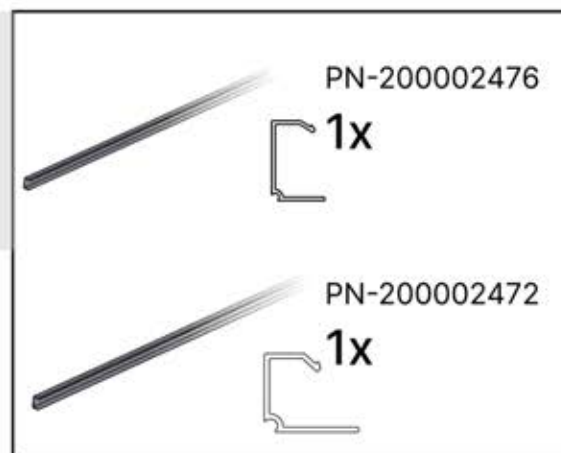
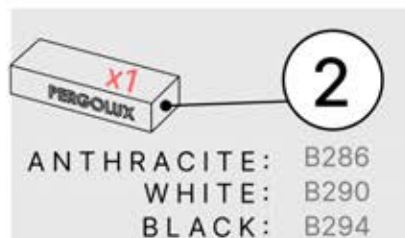
60



61



62

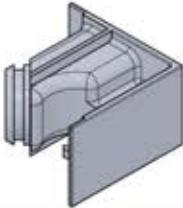


INFORMATION

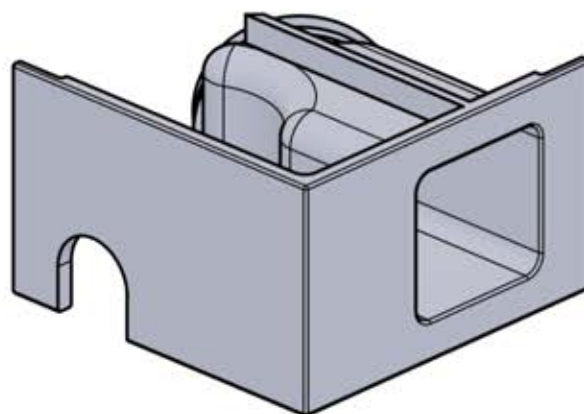
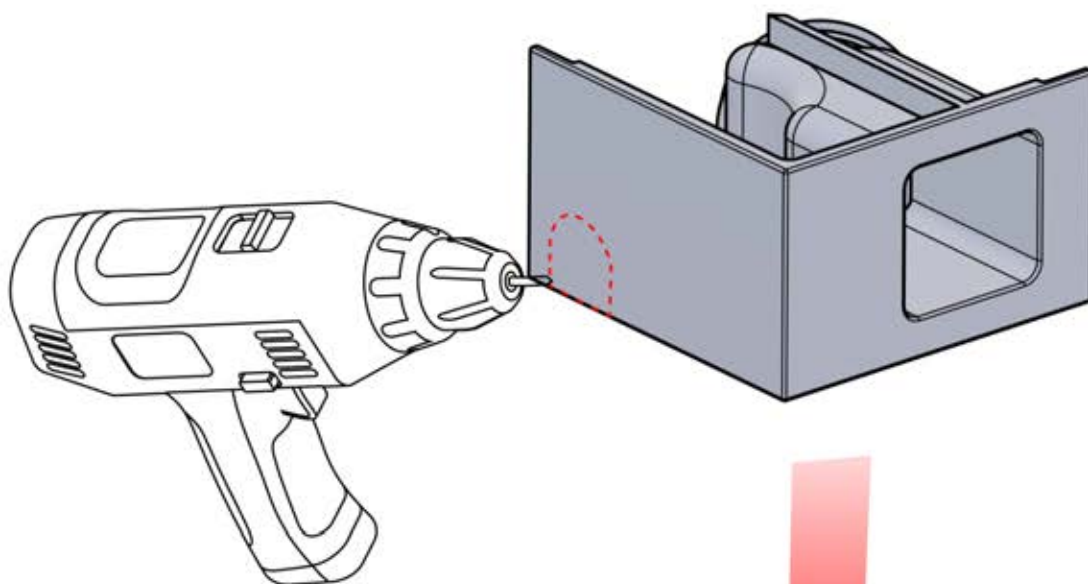


2

ANTHRACITE: B286
WHITE: B290
BLACK: B294



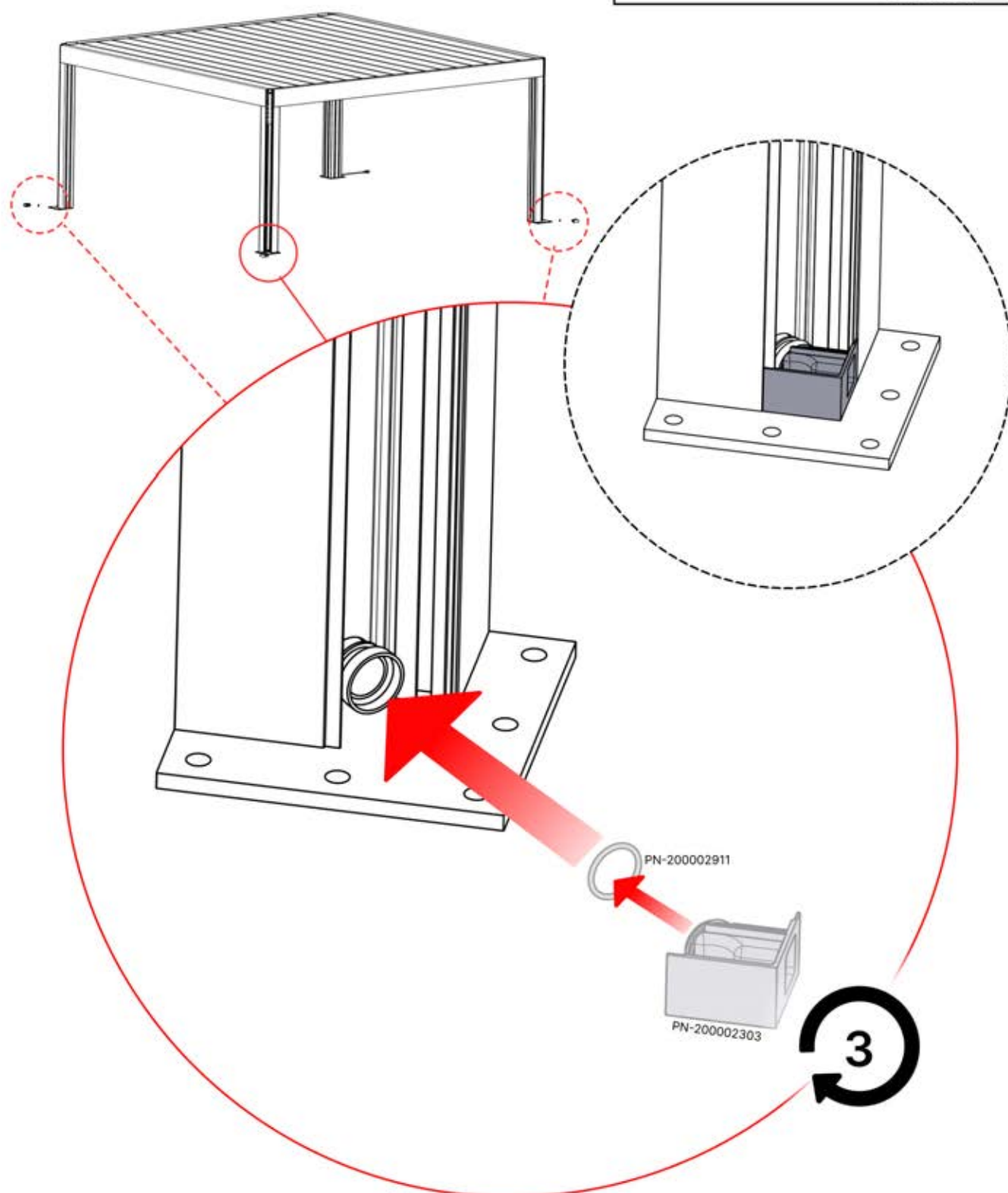
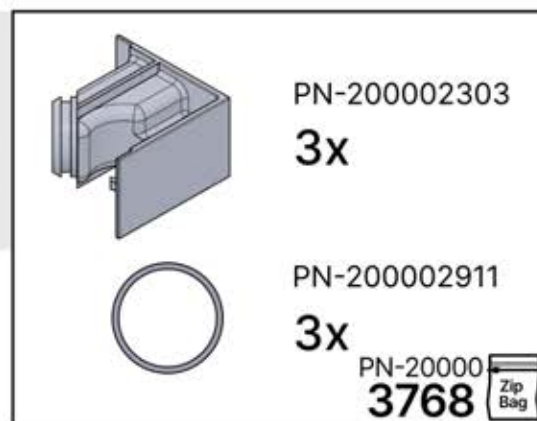
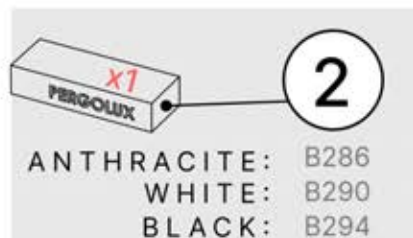
PN-200002303
1x
PN-20000
3768 



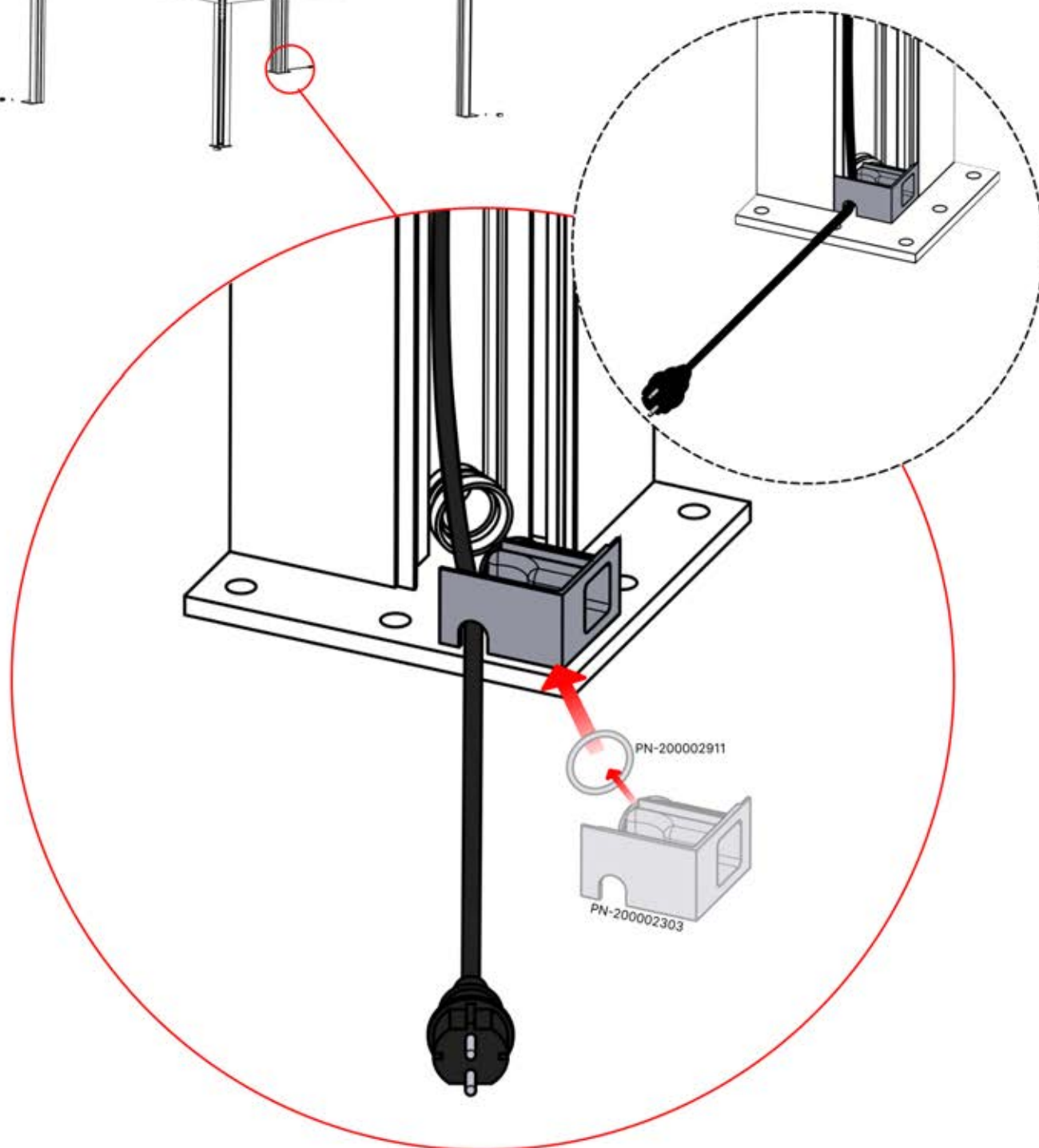
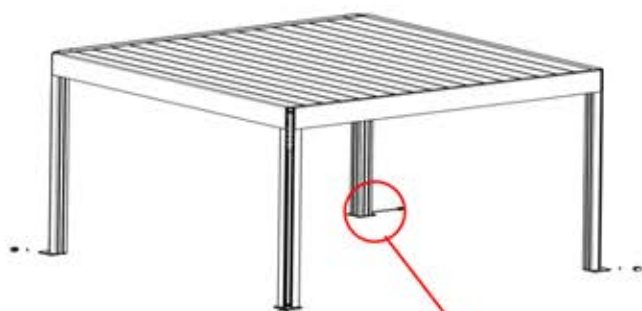
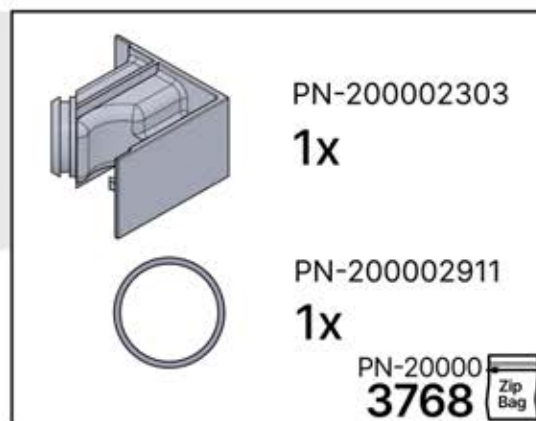
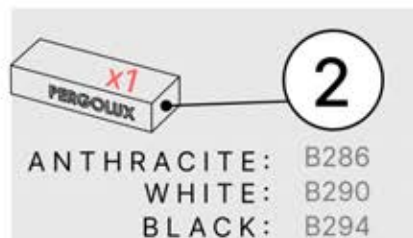
Select one of the four
PN-200002303 parts and drill a
10 mm diameter hole to
accommodate the power cable.

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

63



64



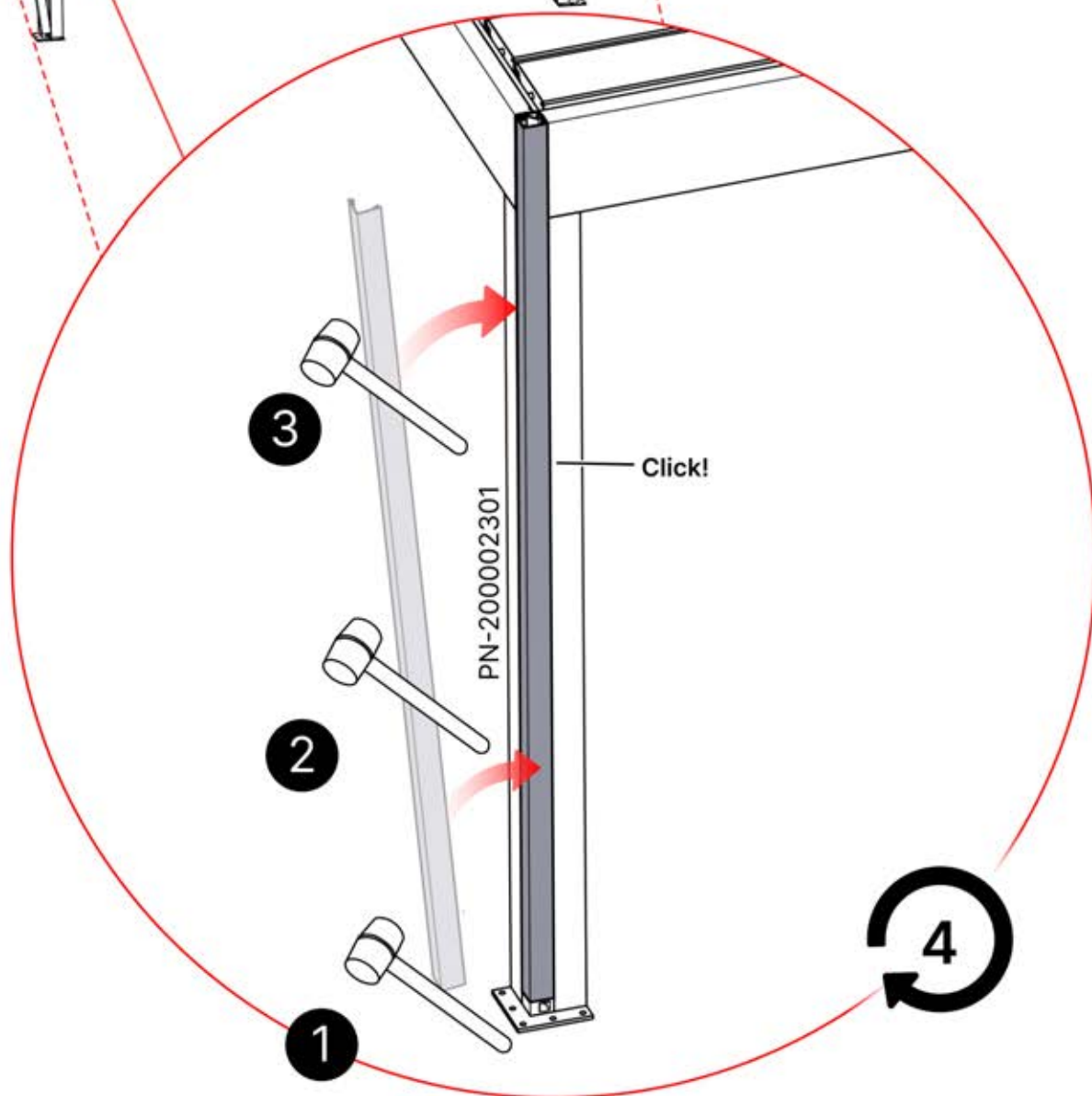
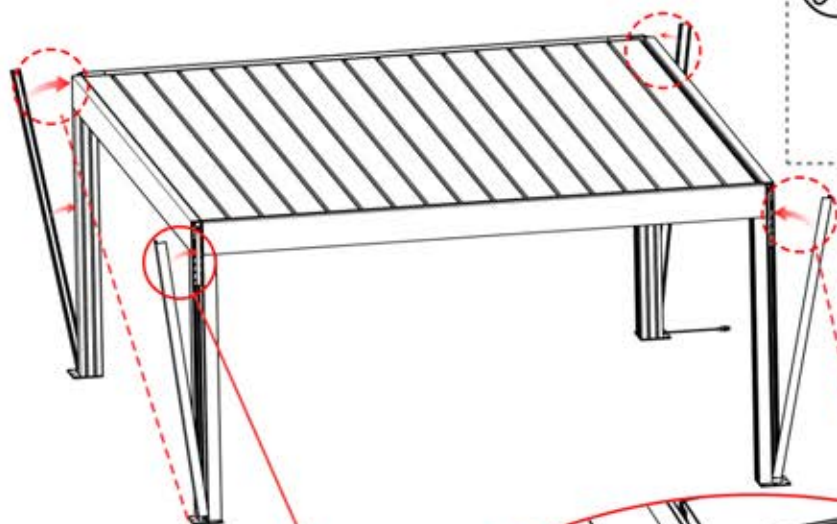
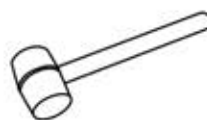
65

x2
PERGOLUX
PERGOLUX

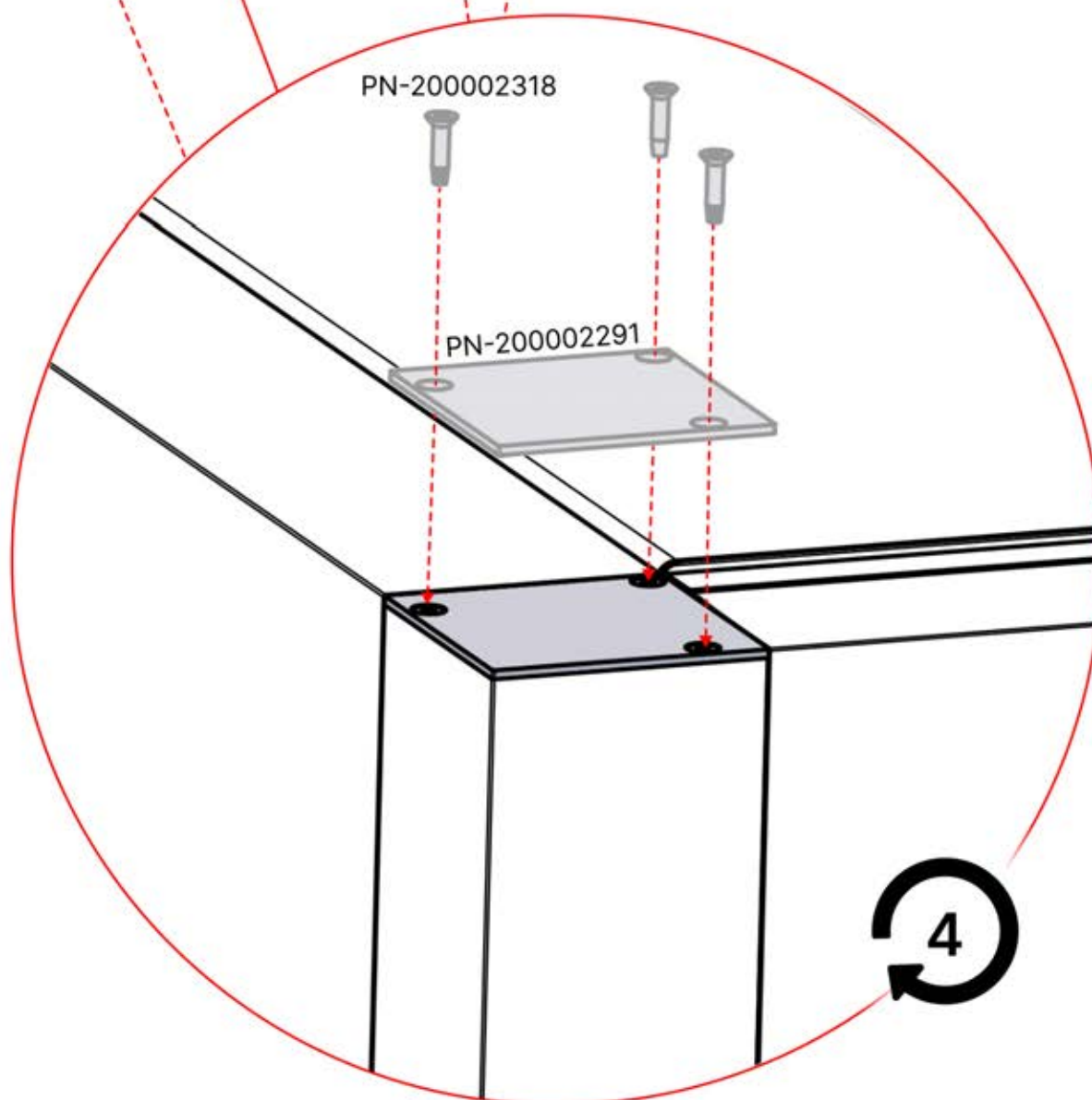
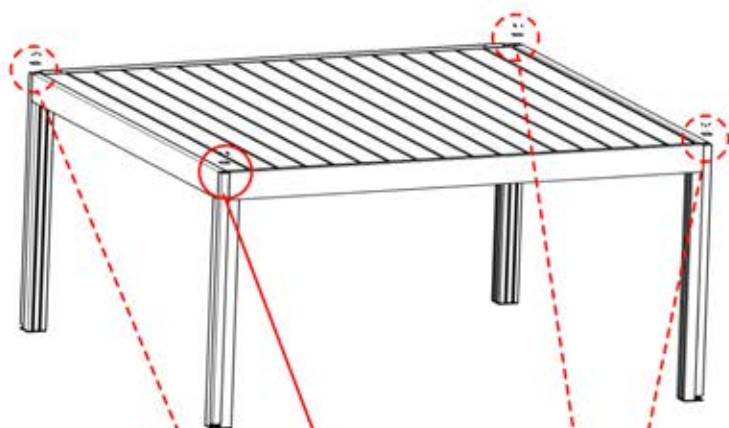
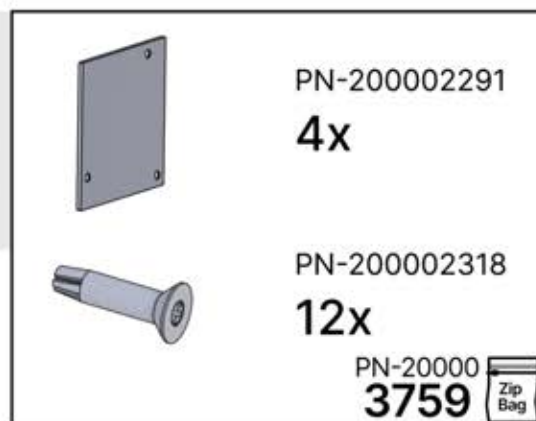
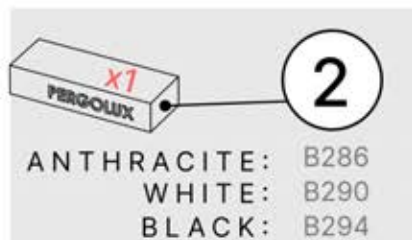
1

ANTHRACITE: C126
WHITE: C127
BLACK: C128

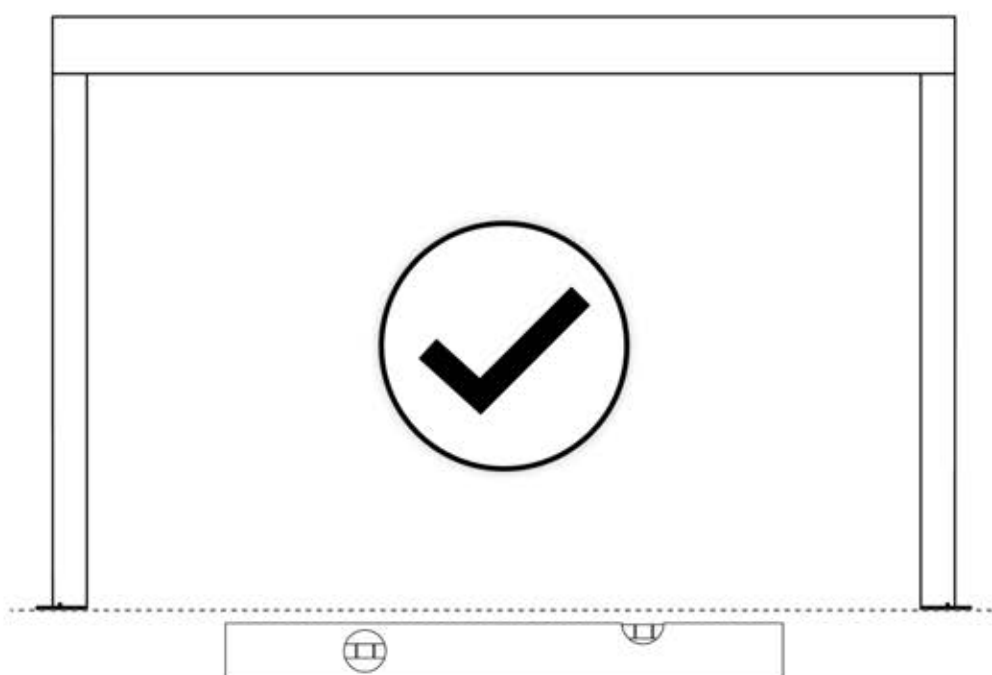
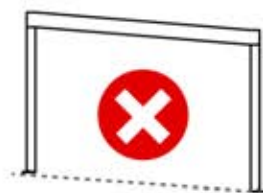
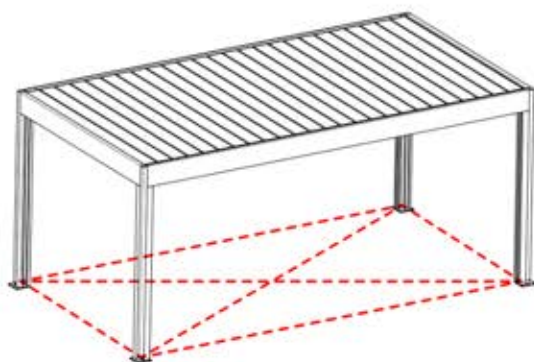
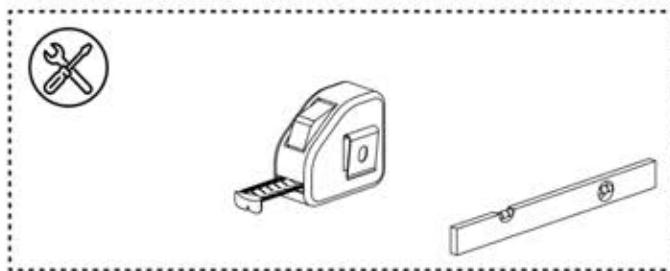
PN-200002301
4x



66



67



68



Use on
concrete



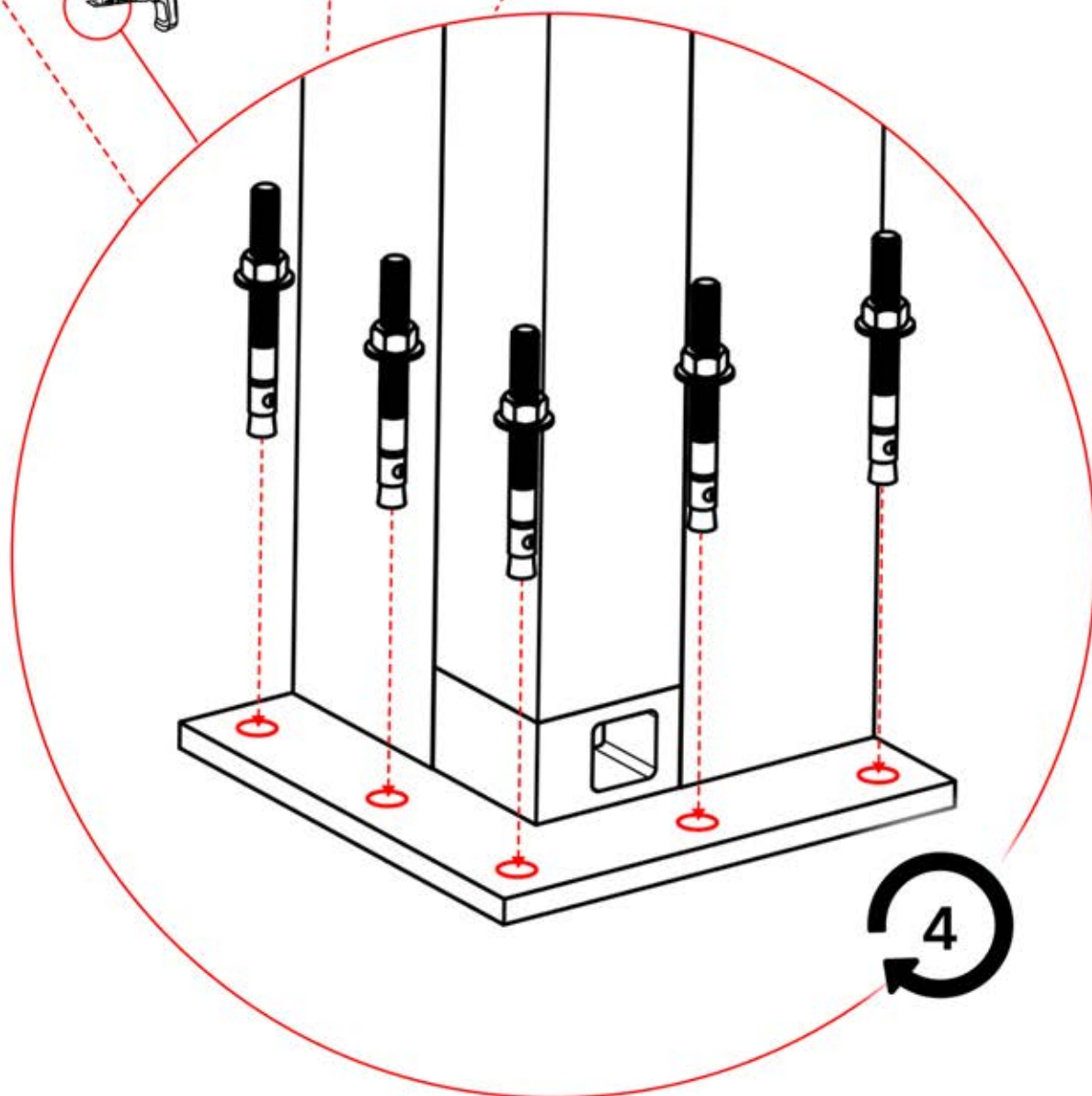
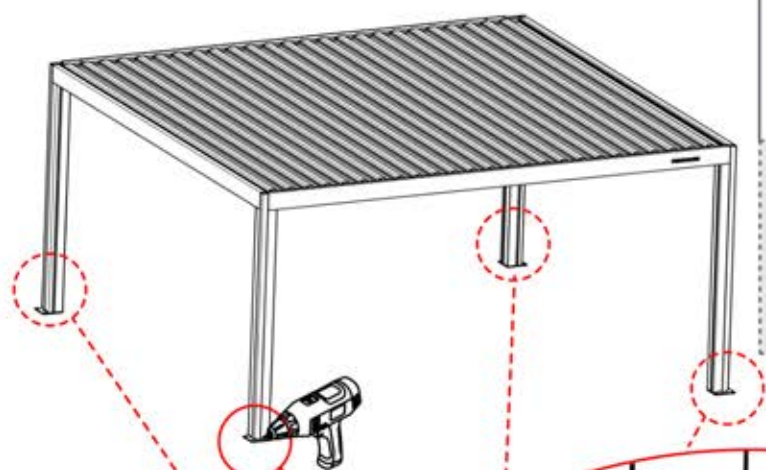
x20



Use on
wood

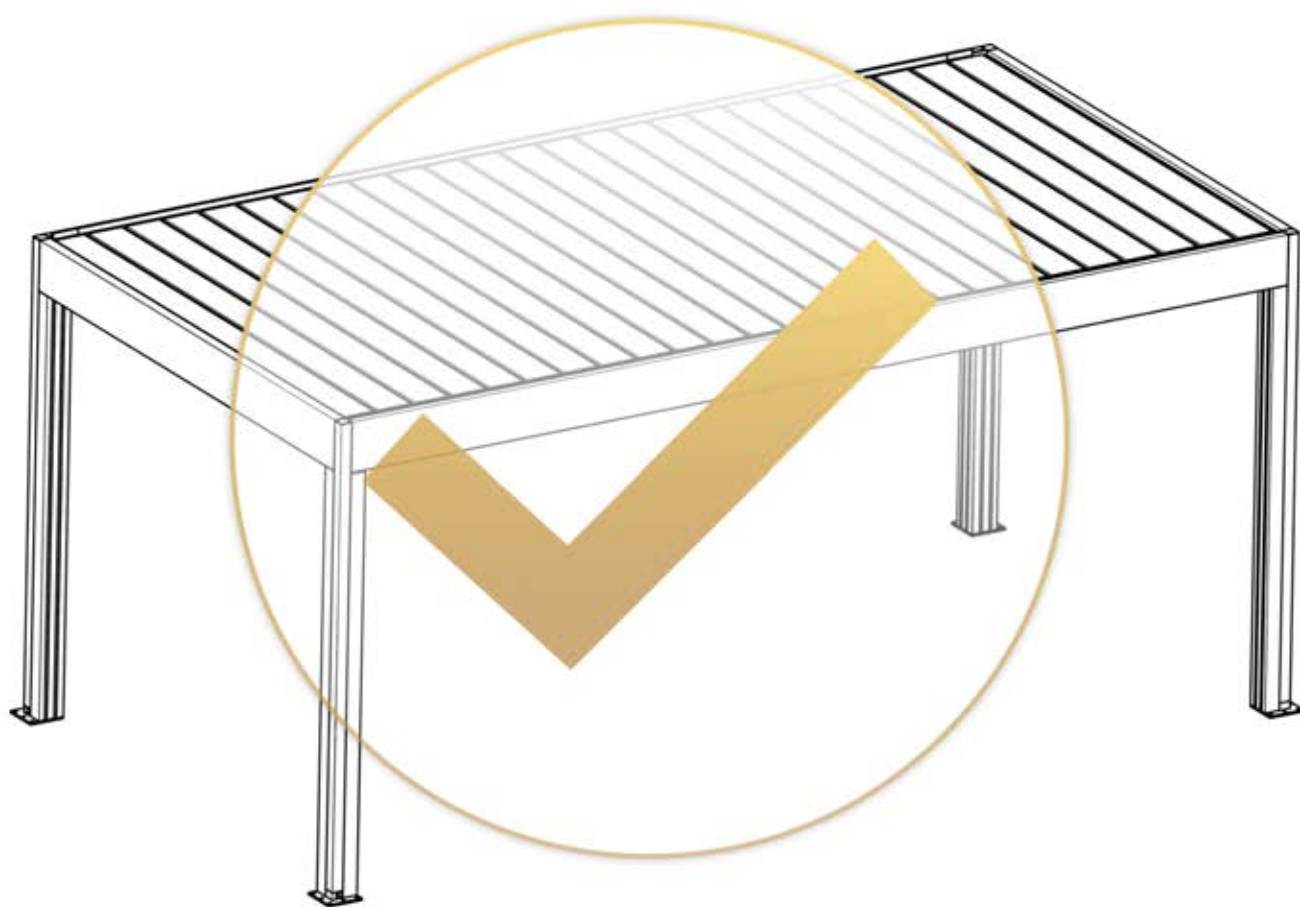


x20



S4 PERGOLUX | PERGOLA PRO MAX FREESTANDING

4 × 6 m / 13' x 19'



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