

S4

PERGOLA

PRO



3 × 5m / 10' x 16'
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

26

DOP-PRO-FSWM-S4

EN 13561:2015

Pergolux Pergola PRO 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

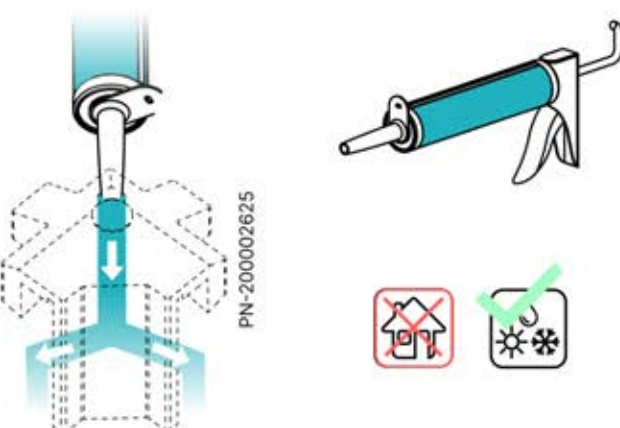


Motor



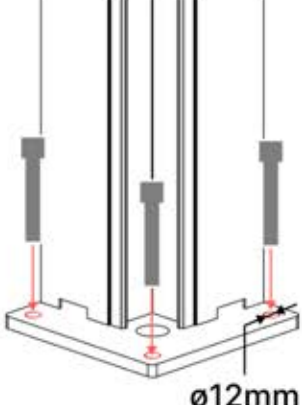
Turn around

INFORMATION



PN-200002625

Use a high-quality, weather-resistant and mold-resistant adhesive and sealant to seal the corners of the pergola and prevent leakage. Look for products that are designed for outdoor use and provide a strong, long-lasting bond.



ø12mm

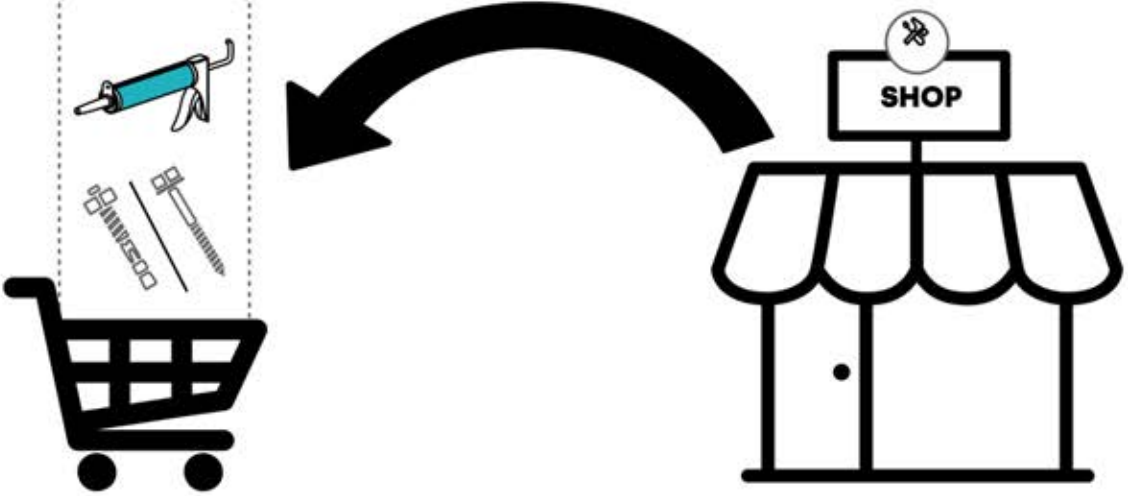
Use on concrete

x12

Use on wood

x12

You need to buy your needed screws to attach the pergola to the ground

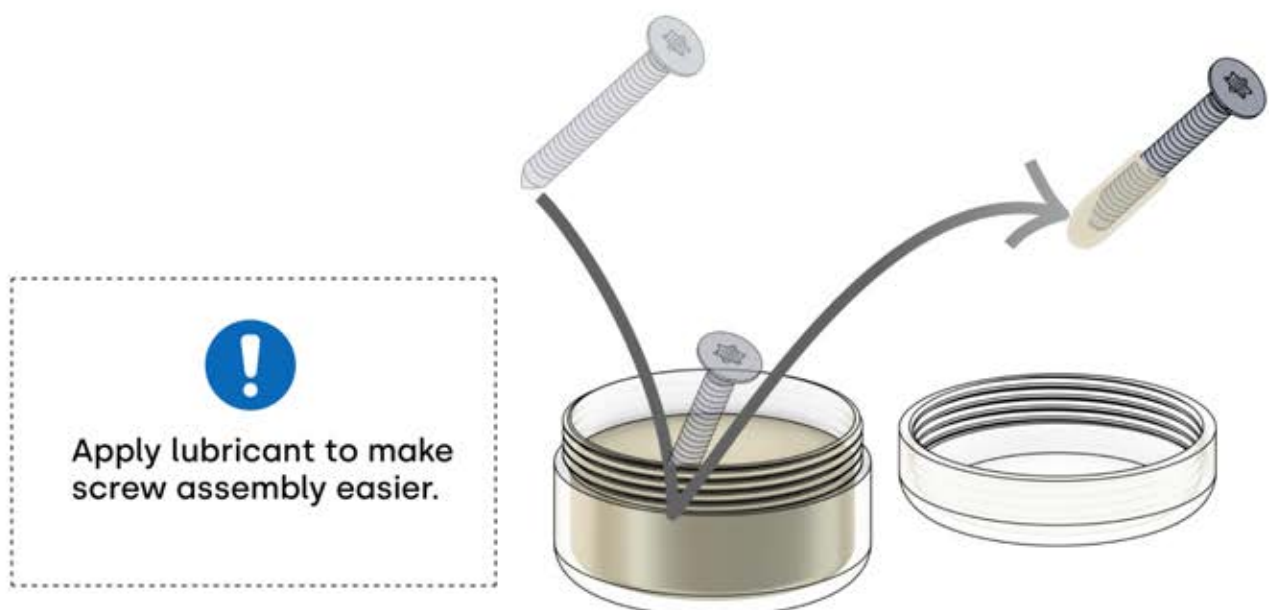


SHOP

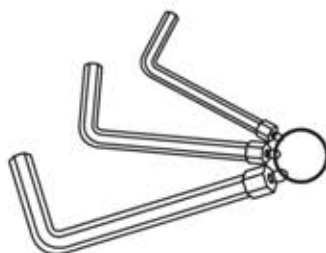
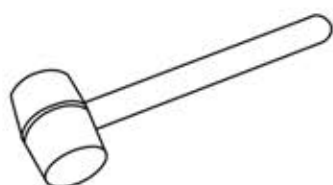
INFORMATION

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

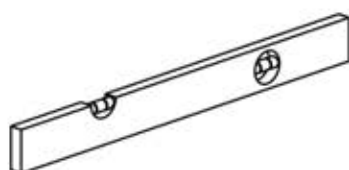
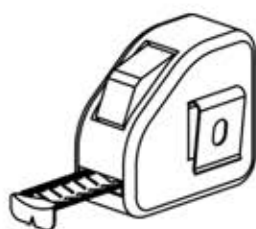
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION



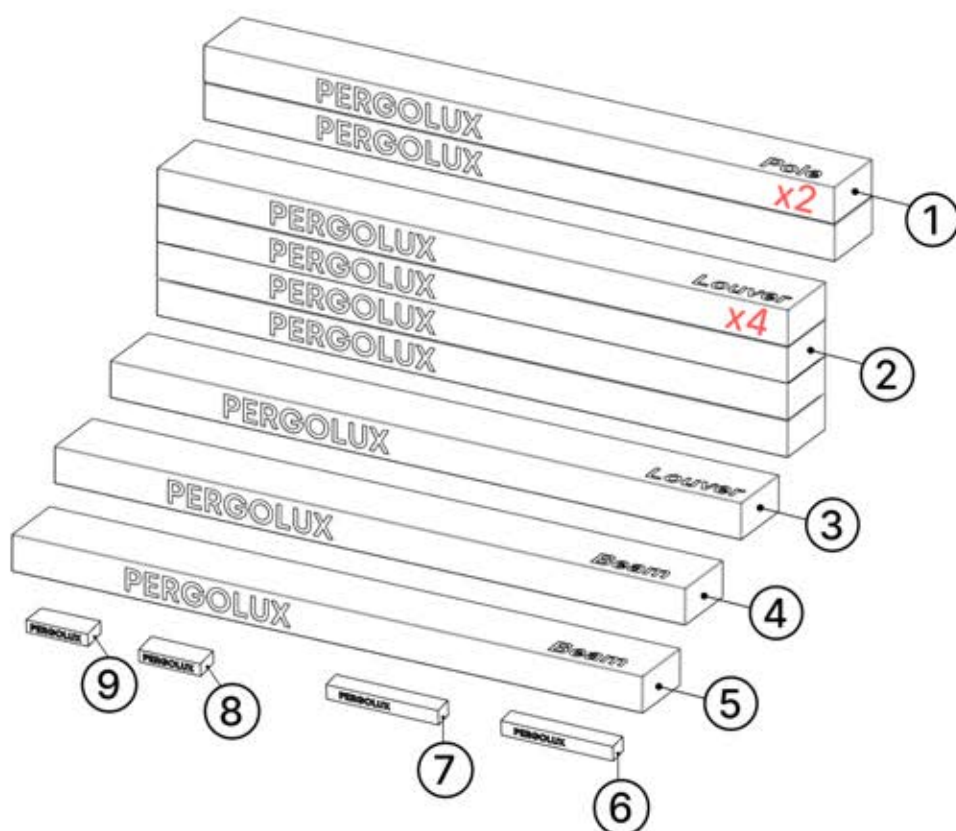
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

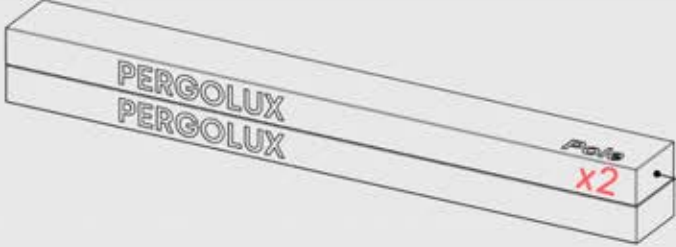
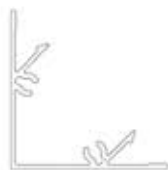


PACKAGE OVERVIEW

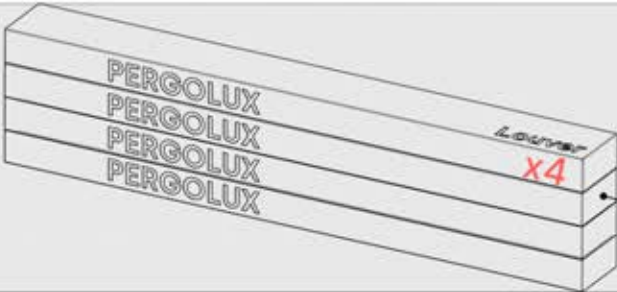


ORDER	ANTHRACITE	WHITE	BLACK
①	C120	C122	C121
②	L215	L219	L217
③	L227	L231	L229
④	B234	B242	B238
⑤	B256	B260	B258
⑥	WHITE / RGB LED		
⑦	MOTOR		
⑧	CONTROL BOX		
⑨	POWER CABLE		

ITEMS IN BOX

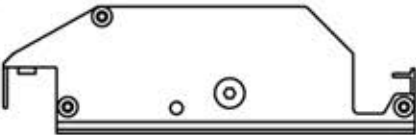
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	1	C120	C122 C121
		PN-200002606 4x	
		PN-200003386 4x	
		PN-200002614 4x	

ITEMS IN BOX



	ANTHRACITE	WHITE	BLACK
2	L215	L219	L217



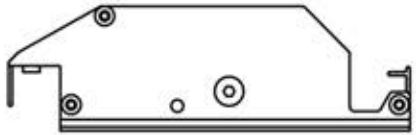


PN-200002629
24x



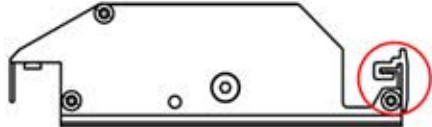
	ANTHRACITE	WHITE	BLACK
3	L227	L231	L229





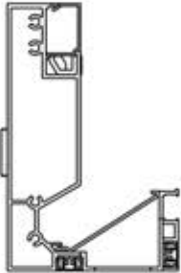
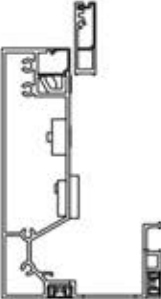
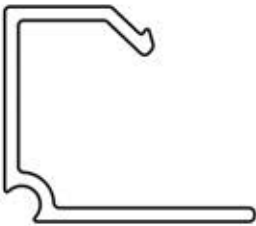
PN-200002629
6x



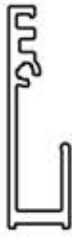


PN-200002645
1x

ITEMS IN BOX

			
4			
ANTHRACITE WHITE BLACK			
B234 B242 B238			
		PN-200003354 1x	
		PN-200002860 1x	
		PN-200002974 1x	
		PN-200002861 1x	

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	4	B234	B242 B238
		PN-200002973 1x	
		PN-200002972 1x	
		PN-200003381 1x	

ITEMS IN BOX



Note: If accessory bags lack part number stickers, refer to the manual for identification.



ANTHRACITE

WHITE

BLACK

4

B234

B242

B238



PN-20000
3280



PN-200000560
20x



PN-20000
3320



PN-200000826
2x



PN-20000
3282



PN-200001514
4x



PN-20000
3276



PN-200002618
4x



PN-200000840
12x



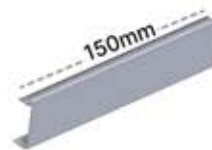
PN-200000571
4x



PN-20000
3278



PN-200003031
1x



PN-200003033
2x

PN-200003030
1x



PN-200001207
2x



PN-20000
3279



PN-200000568
32x



PN-20000
3379



PN-200000960
4x



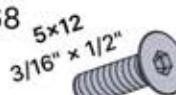
PN-20000
3285



PN-200000507
4x



PN-200000568
4x



PN-200000569
8x

ITEMS IN BOX



Note: If accessory bags lack part number stickers, refer to the manual for identification.



ANTHRACITE WHITE BLACK

4

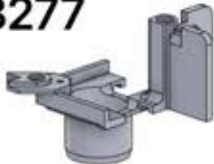
B234

B242

B238



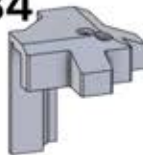
PN-20000
3277



PN-200002617
4x



PN-20000
3284



PN-200002625
4x



PN-20000
3371



PN-200003372
1x



PN-200001946
1x



PN-200000502
1x



PN-200003373
1x



PN-200000561
1x



PN-20000
3281



PN-200002622
4x

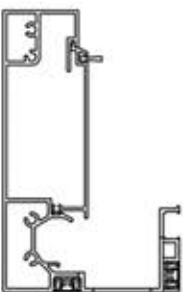


PN-200000680
8x



PN-200001340
1x

ITEMS IN BOX

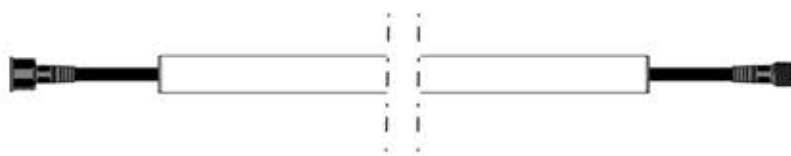
		ANTHRACITE	WHITE	BLACK
		B256	B260	B258
		PN-200003290 2x		
		Premounted PN-200002626 2x		
		PN-200003397 2x		

ITEMS IN BOX



6

WHITE / RGB LED



LED light strip

4x



Y cable

1x



7

ELECTRIC MOTOR



Electric motor
PN-200001562

1x



PN-200001623

1x



PN-200001624

1x



PN-200001625

2x

ITEMS IN BOX

S4



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



Power cable

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.

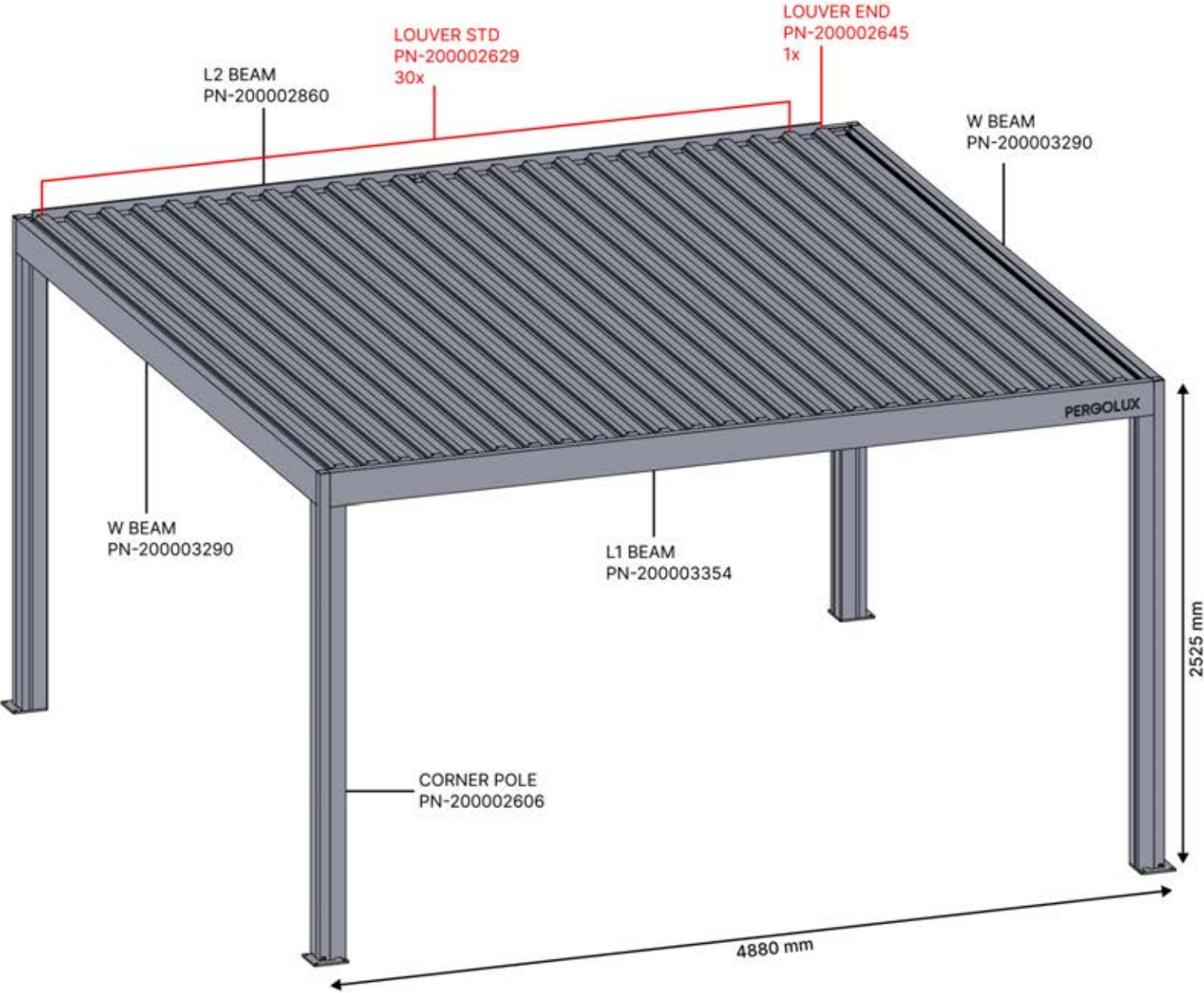
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



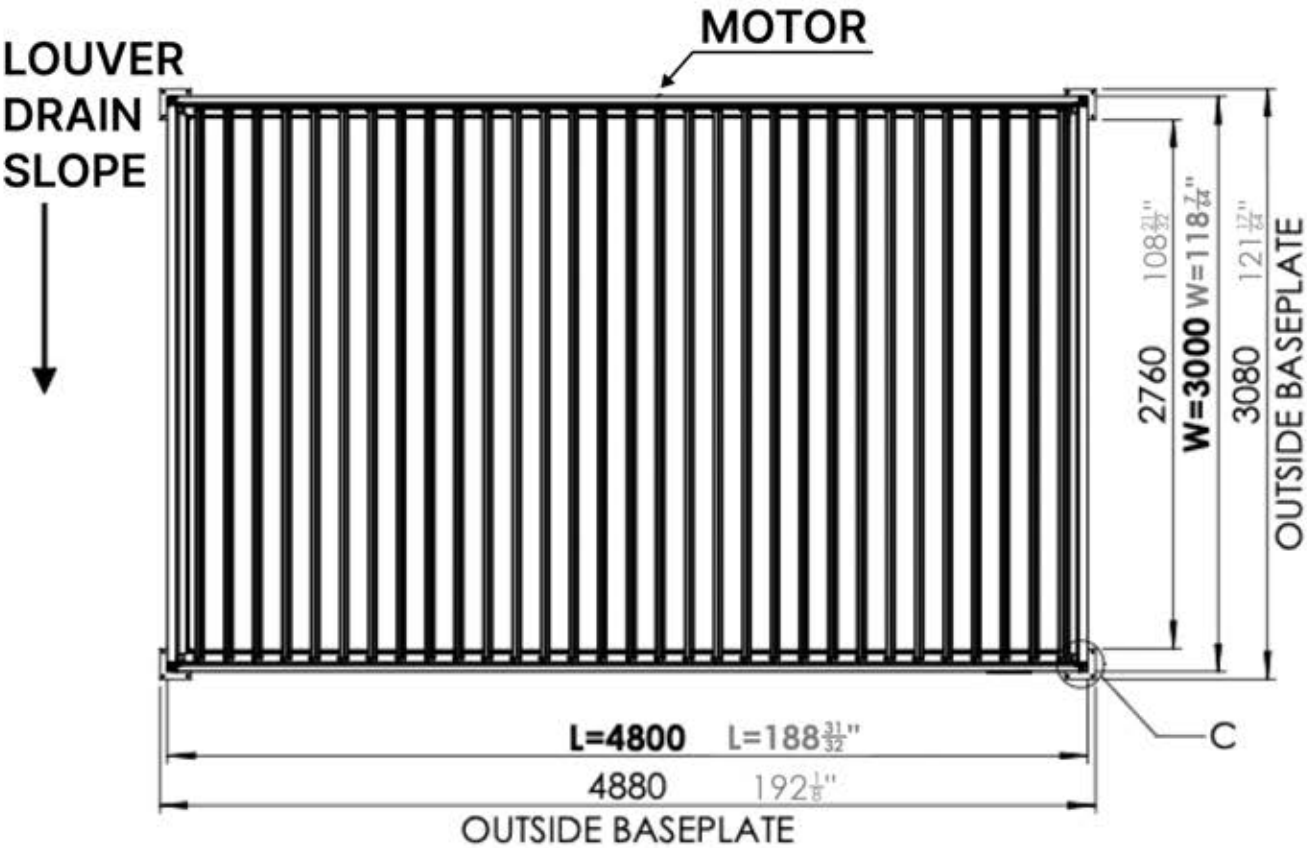
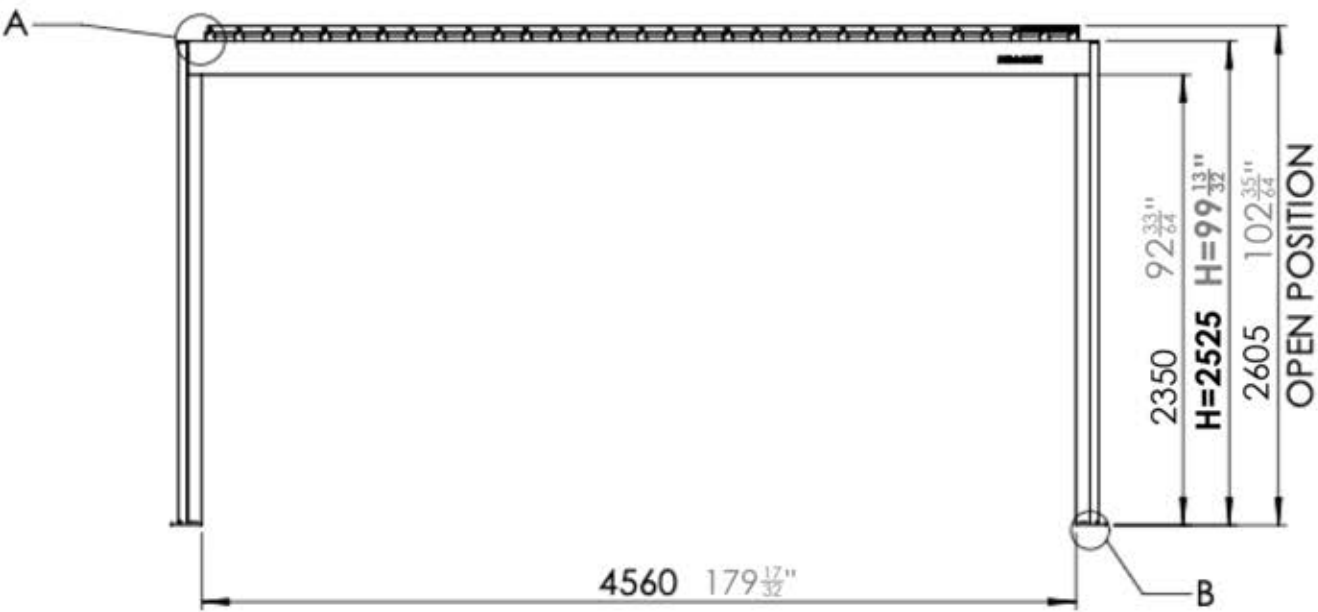
CONTROL BOX

[View Manual](#)

3 × 5 M / 10'x16'



3 × 5 M / 10'x16'



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.

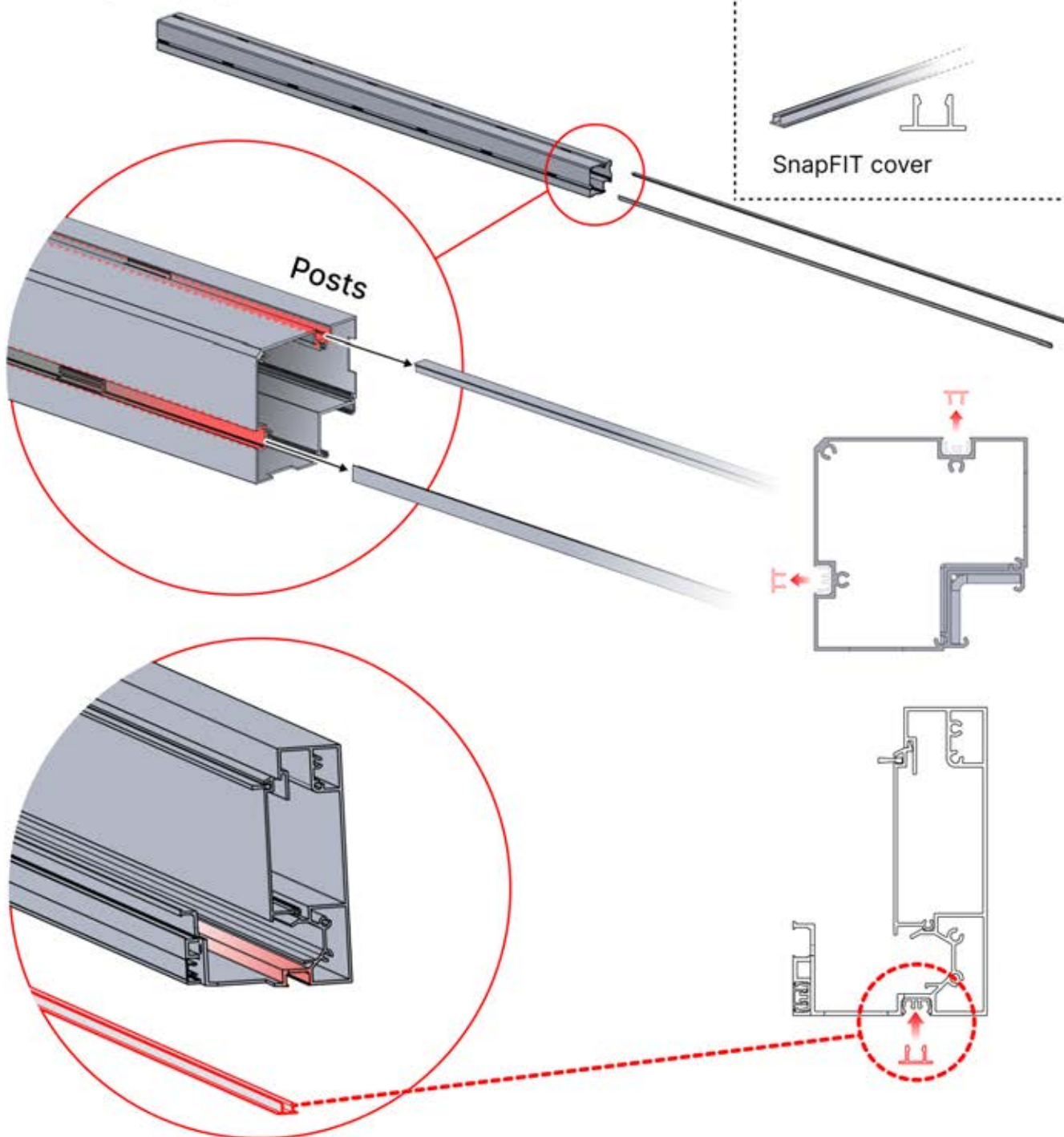
Cover and clips



PN-200000512
SnapFIT cover clip

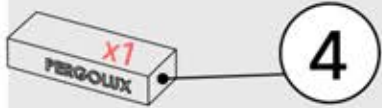


SnapFIT cover

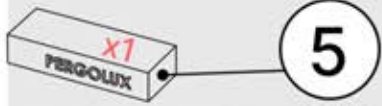


A schematic diagram of a mechanical assembly, possibly a pump or engine component. A red dashed circle highlights a specific part of the assembly, which appears to be a valve or a small motor. The diagram shows various mechanical parts, including a large central component, a smaller component to the right, and a red dashed circle at the bottom left. The red dashed circle contains a small red arrow pointing to the right.

INFORMATION



ANTHRACITE: B234
WHITE: B242
BLACK: B238



ANTHRACITE: B256
WHITE: B260
BLACK: B258

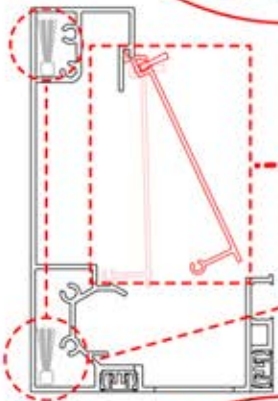
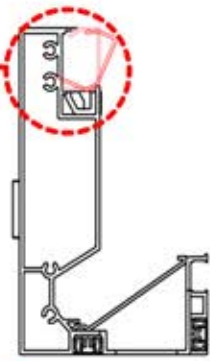
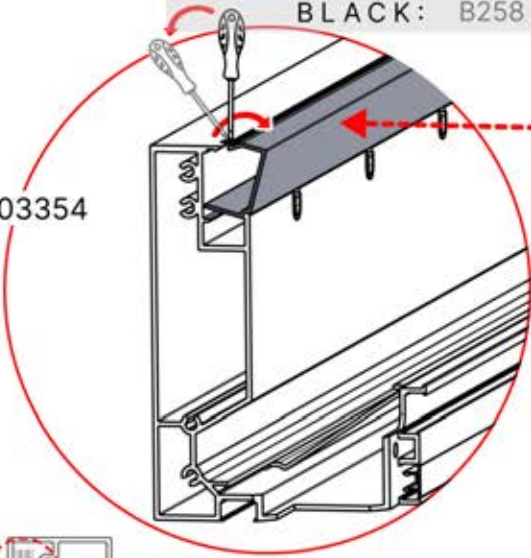


PN-200003290
2x

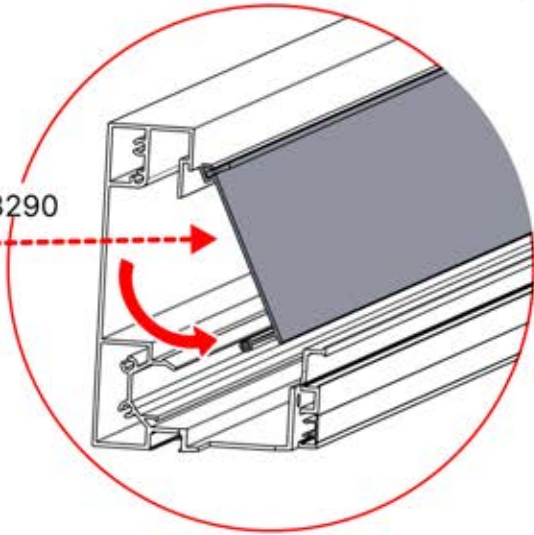
PN-200003354
1x

PN-200002860
1x

PN-200003354

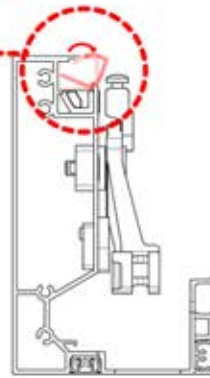
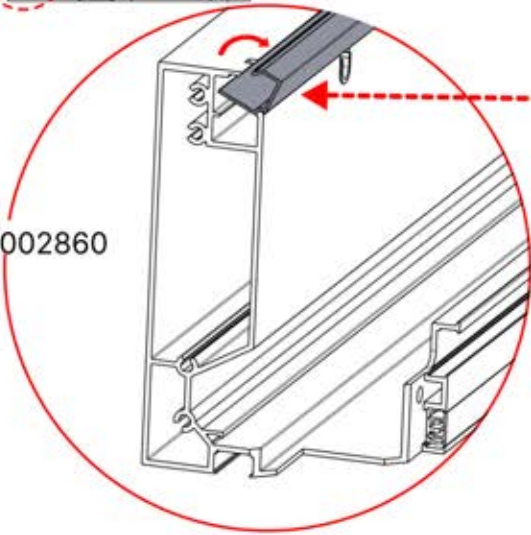


PN-200003290



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

PN-200002860



01

x2

PERGOLUX
PERGOLUX

1

ANTHRACITE: C120
WHITE: C122
BLACK: C121

x7

PERGOLUX

4

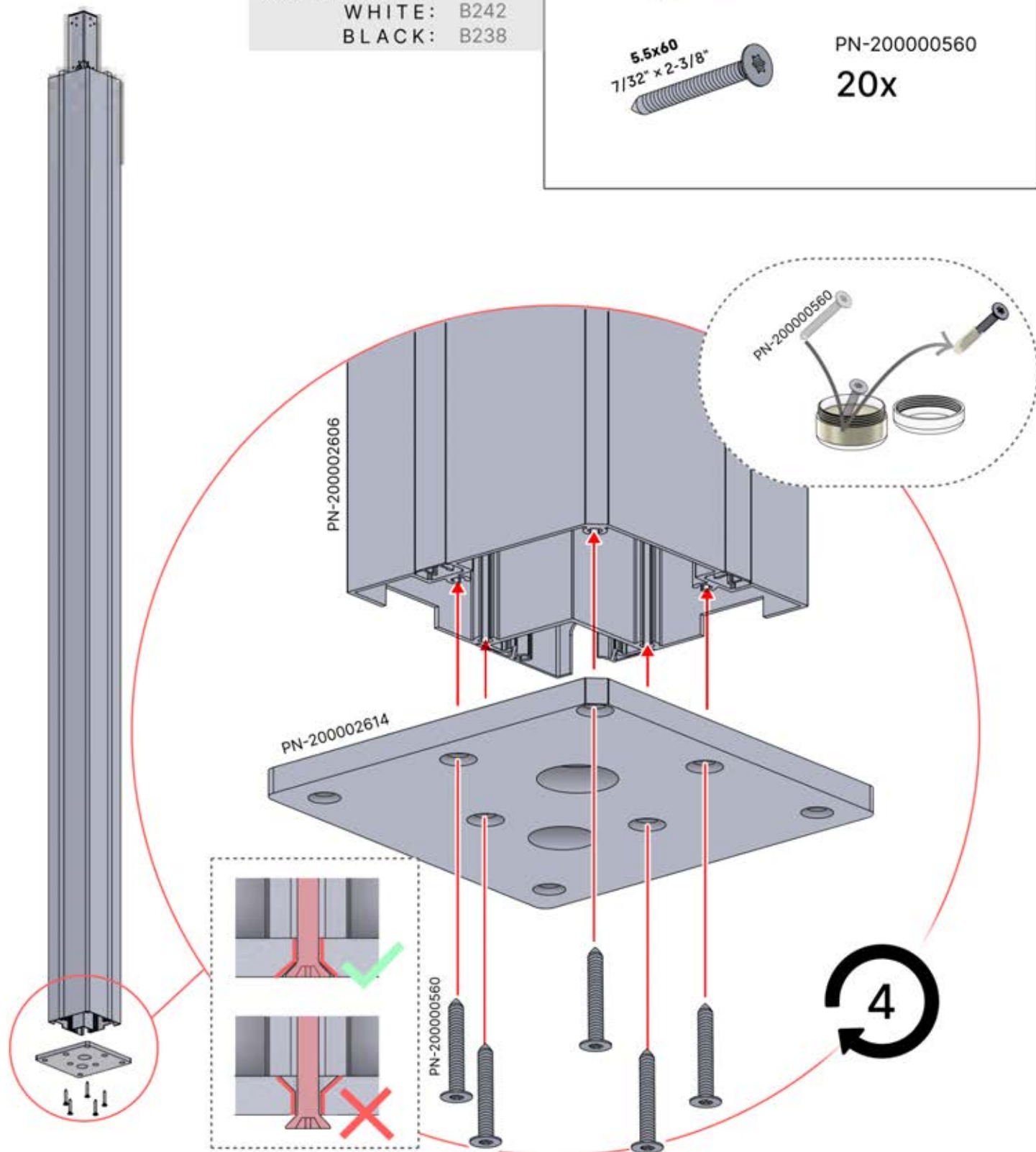
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WHITE: B242
BLACK: B238

PN-200002606
4x

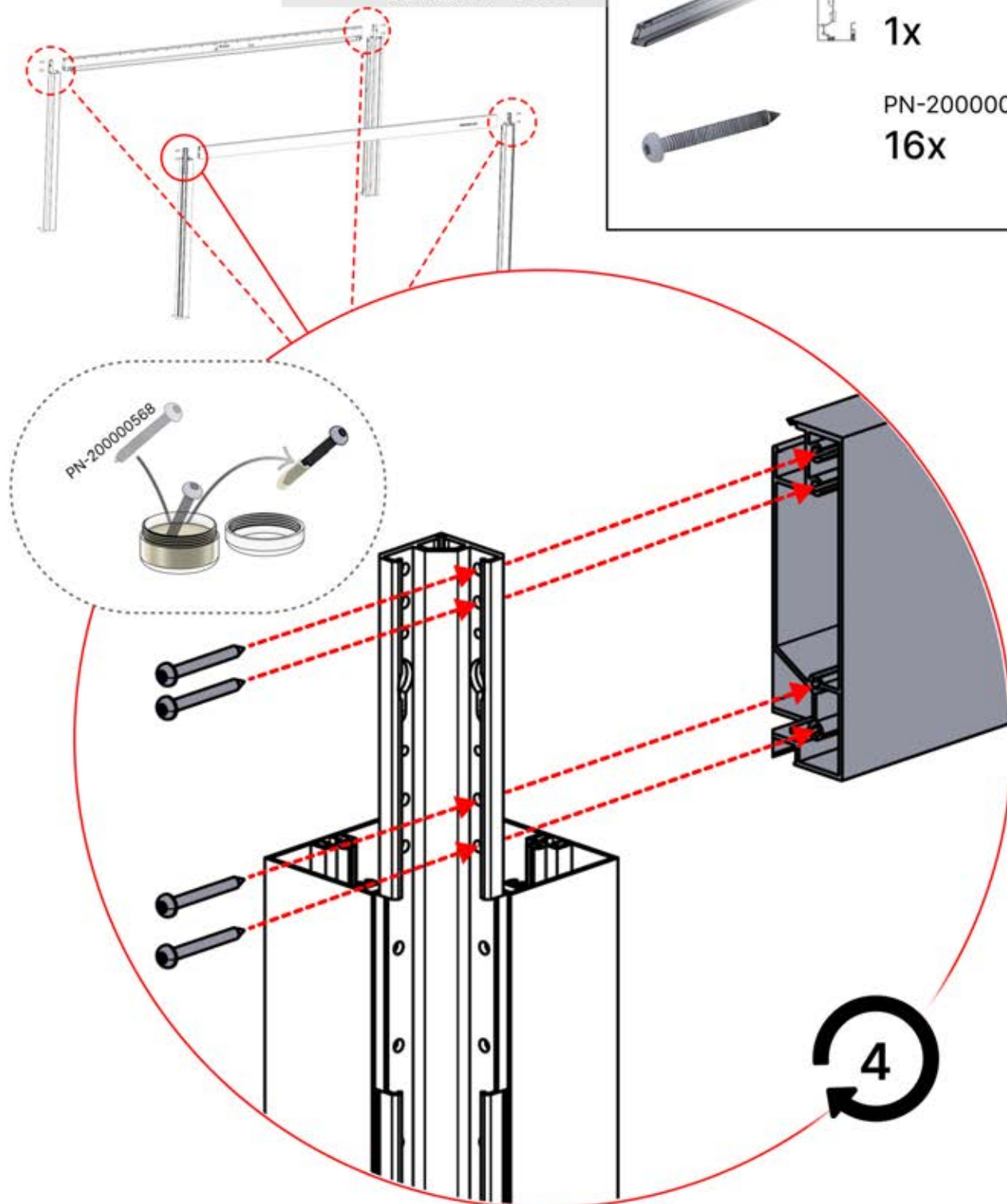
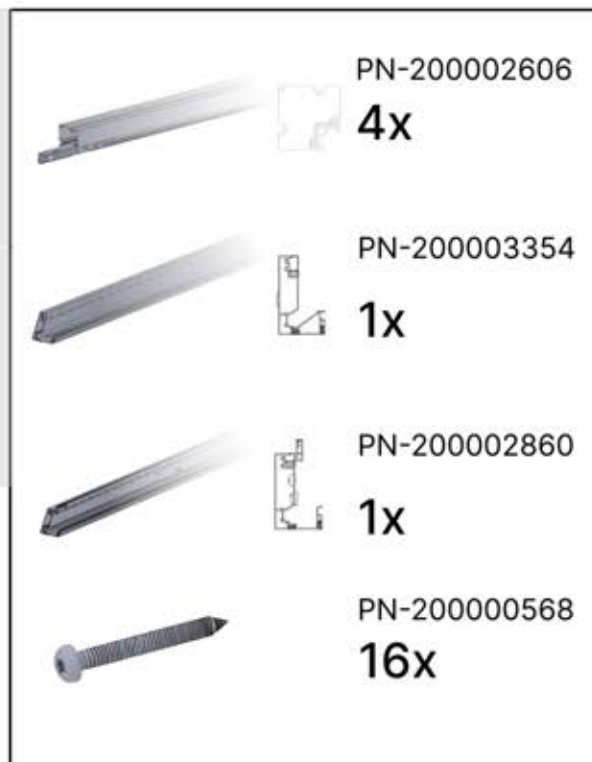
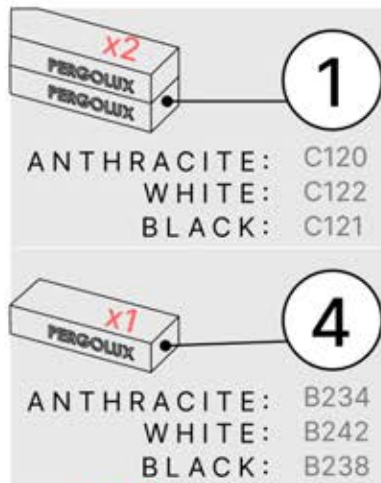
PN-200002614
4x

5.5x60
7/32" x 2-3/8"

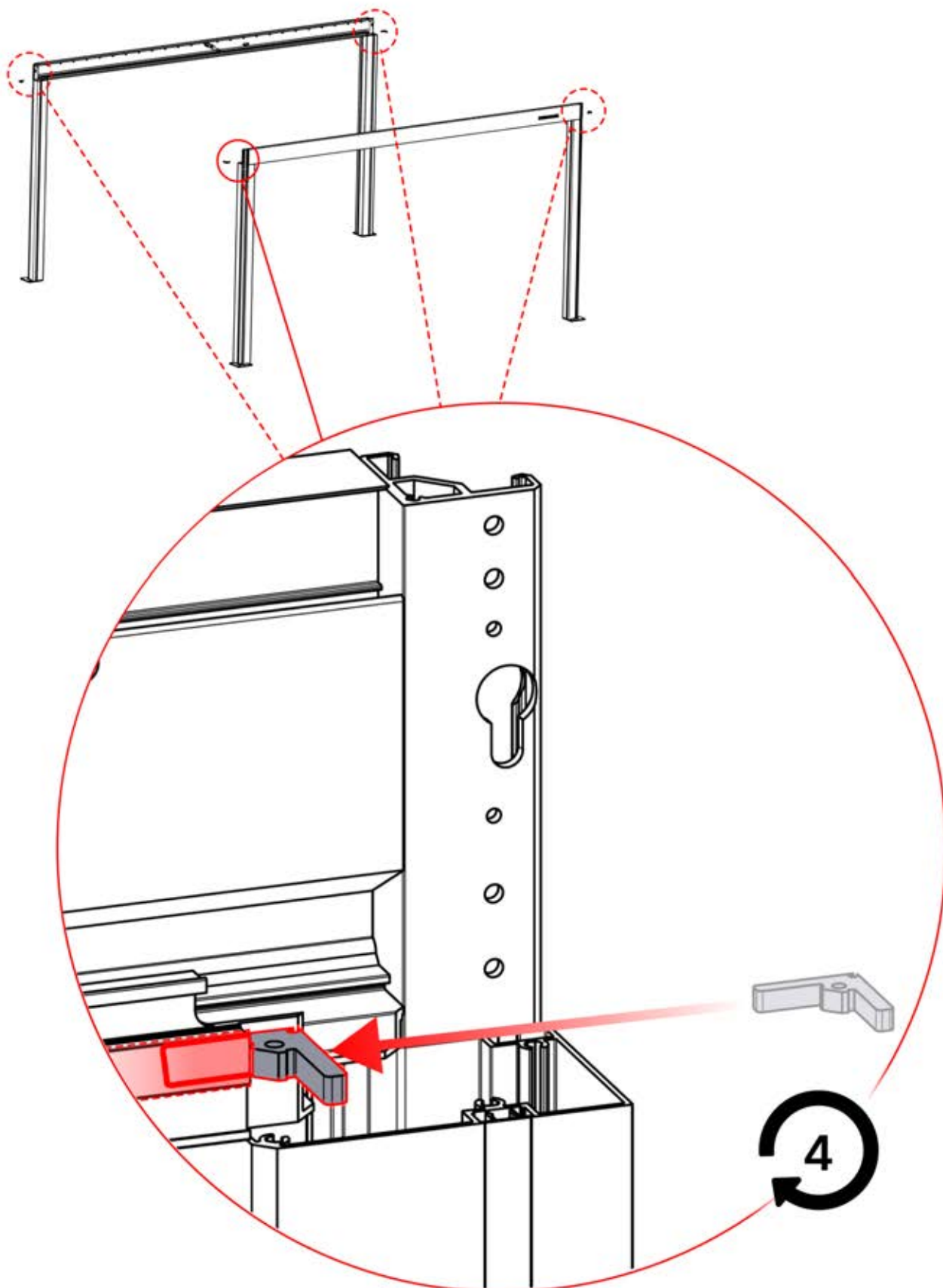
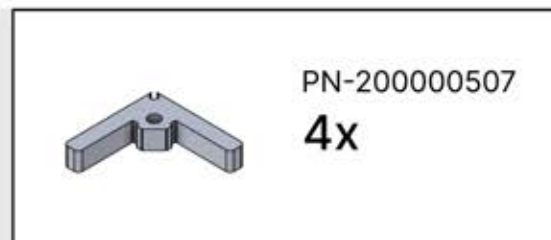
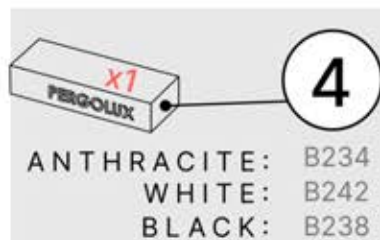
PN-200000560
20x



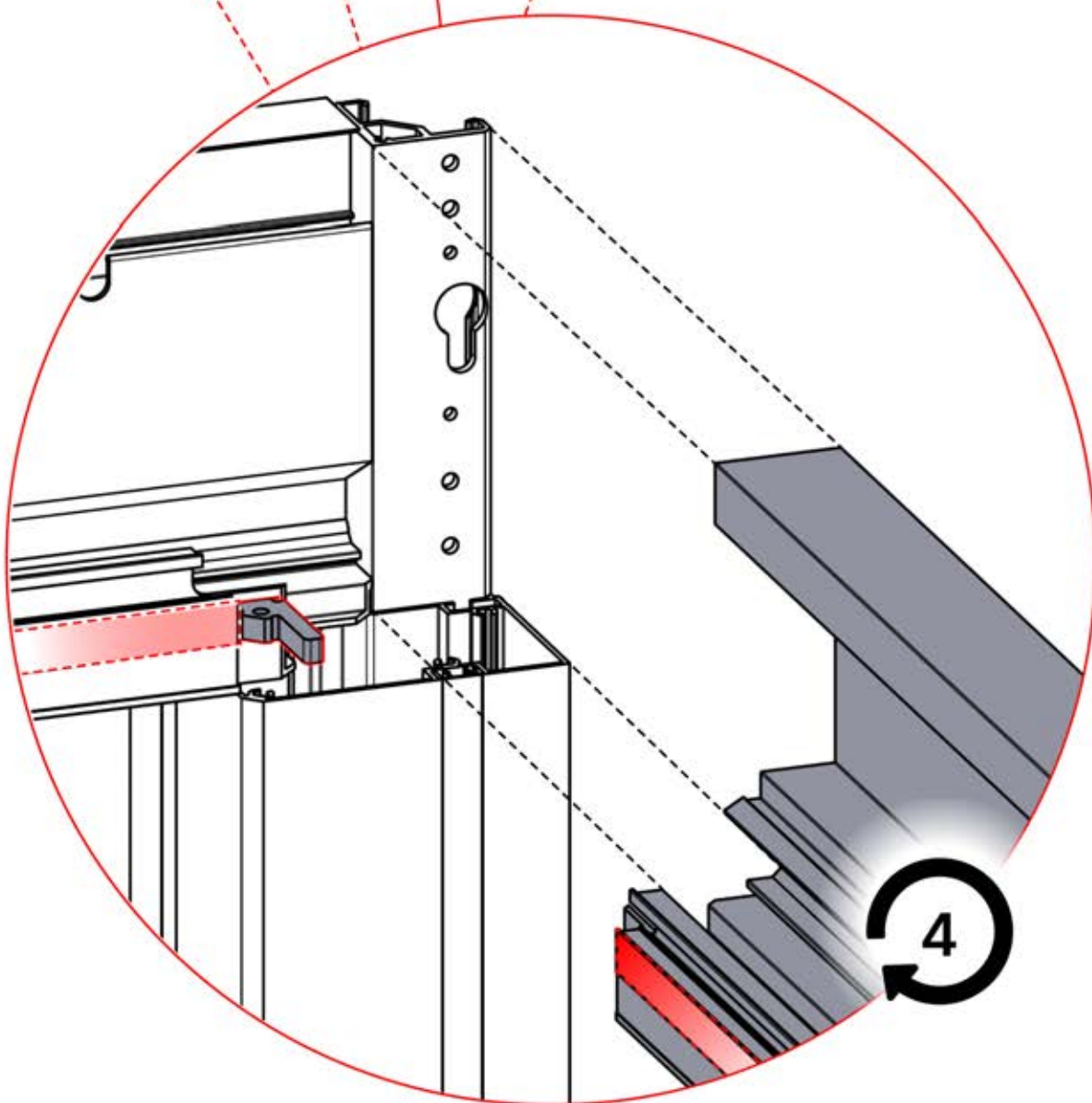
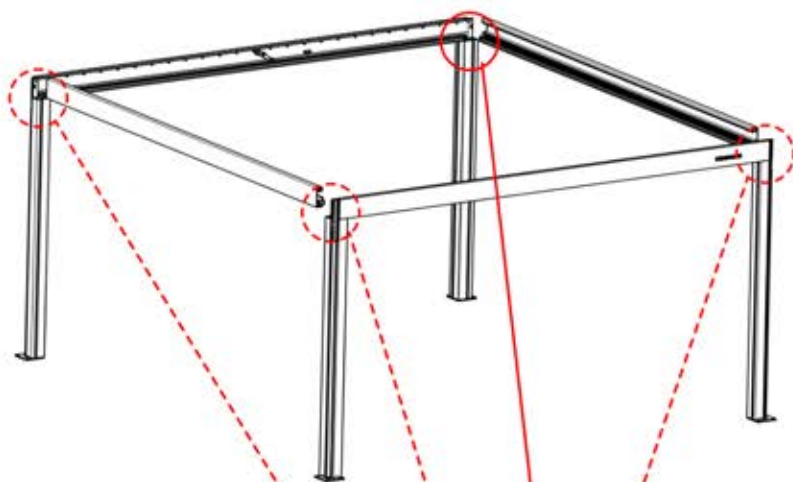
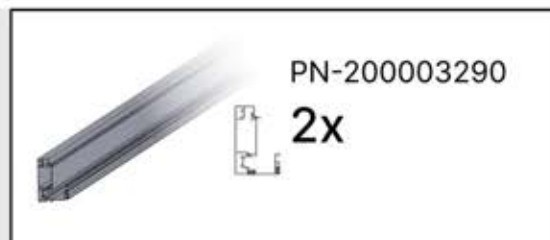
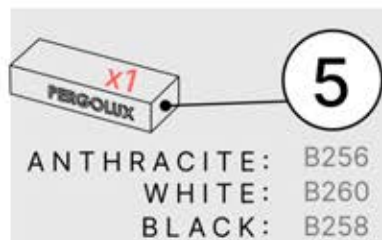
02



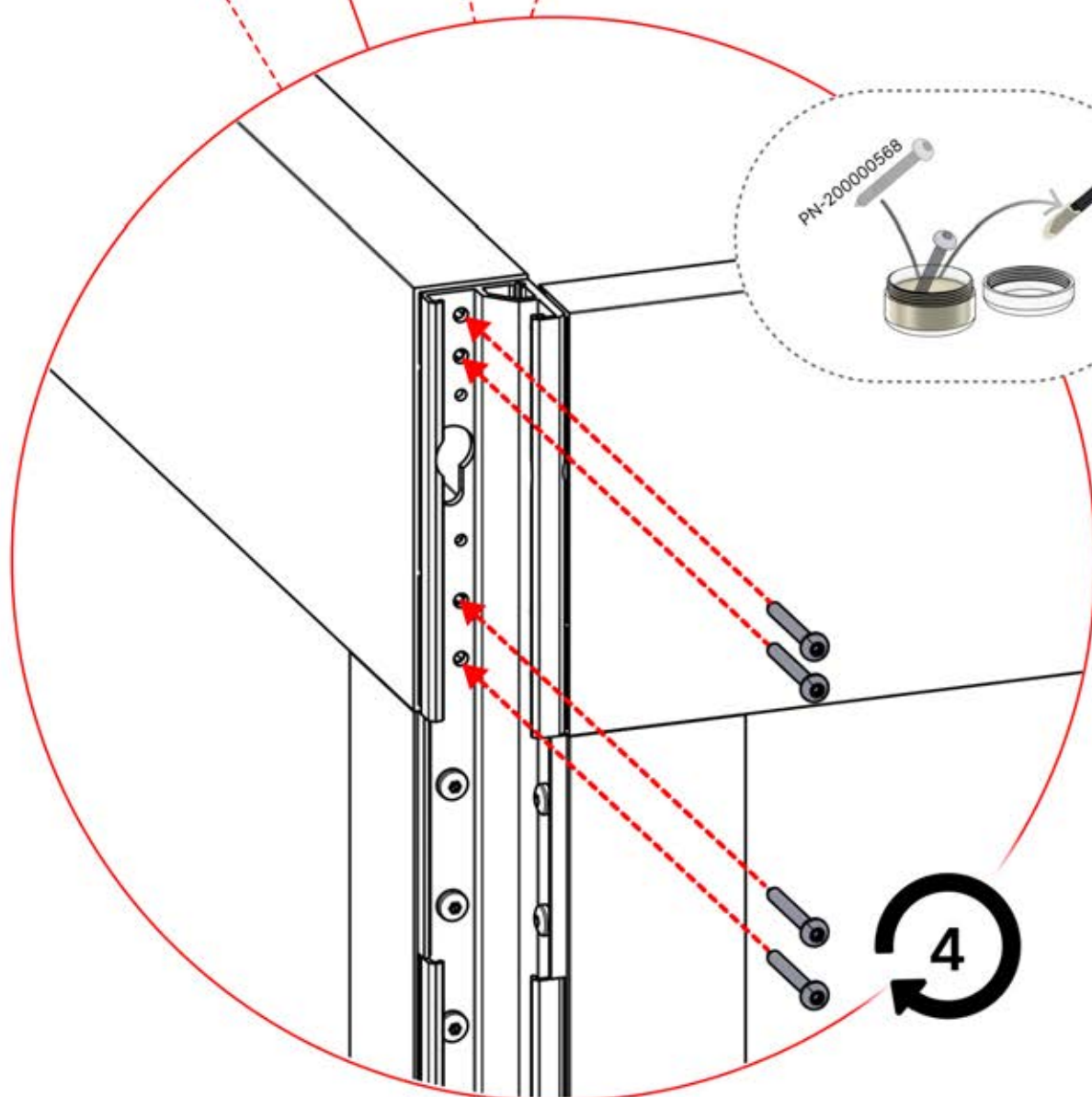
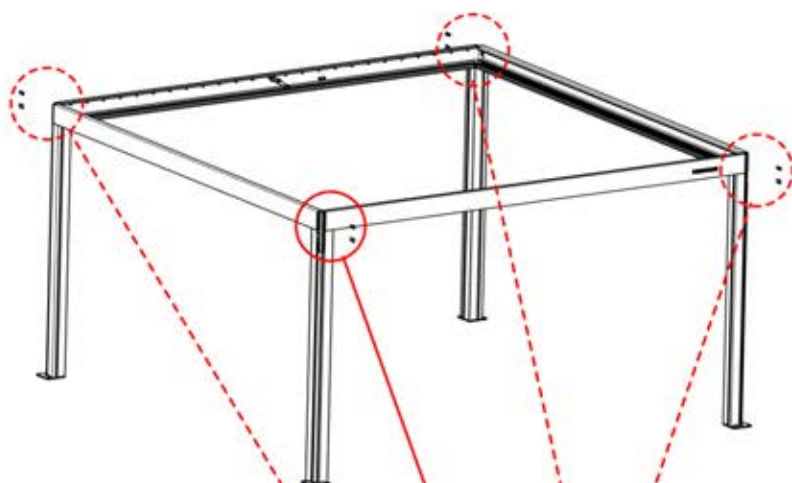
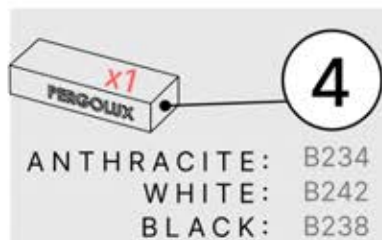
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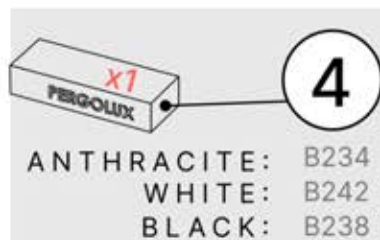
04



05

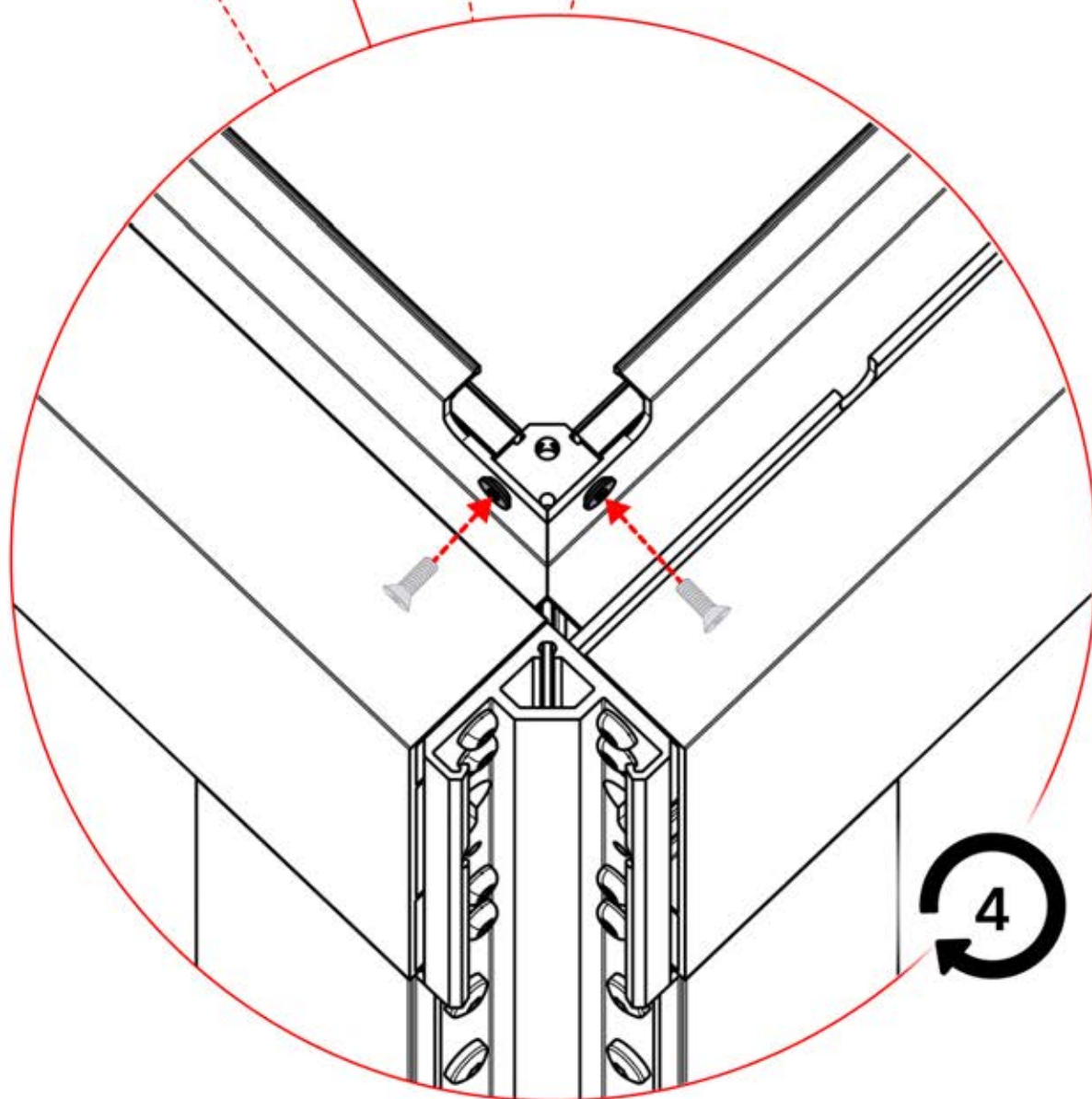
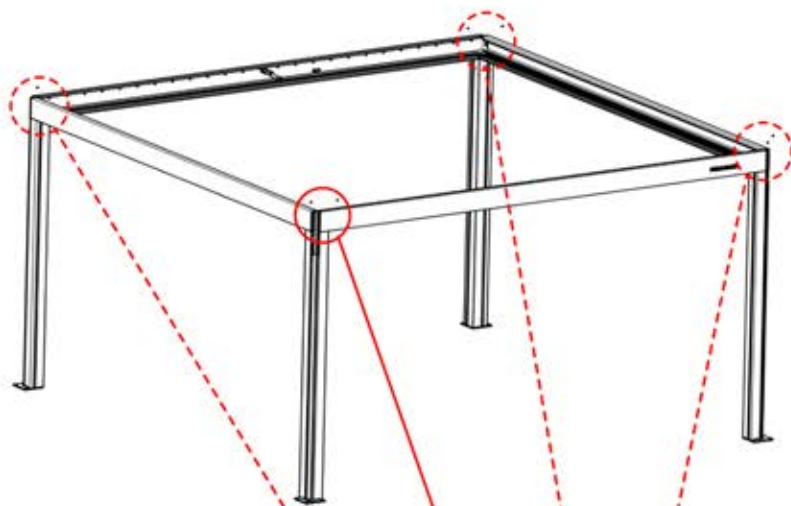


06



PN-200000569

8x



07



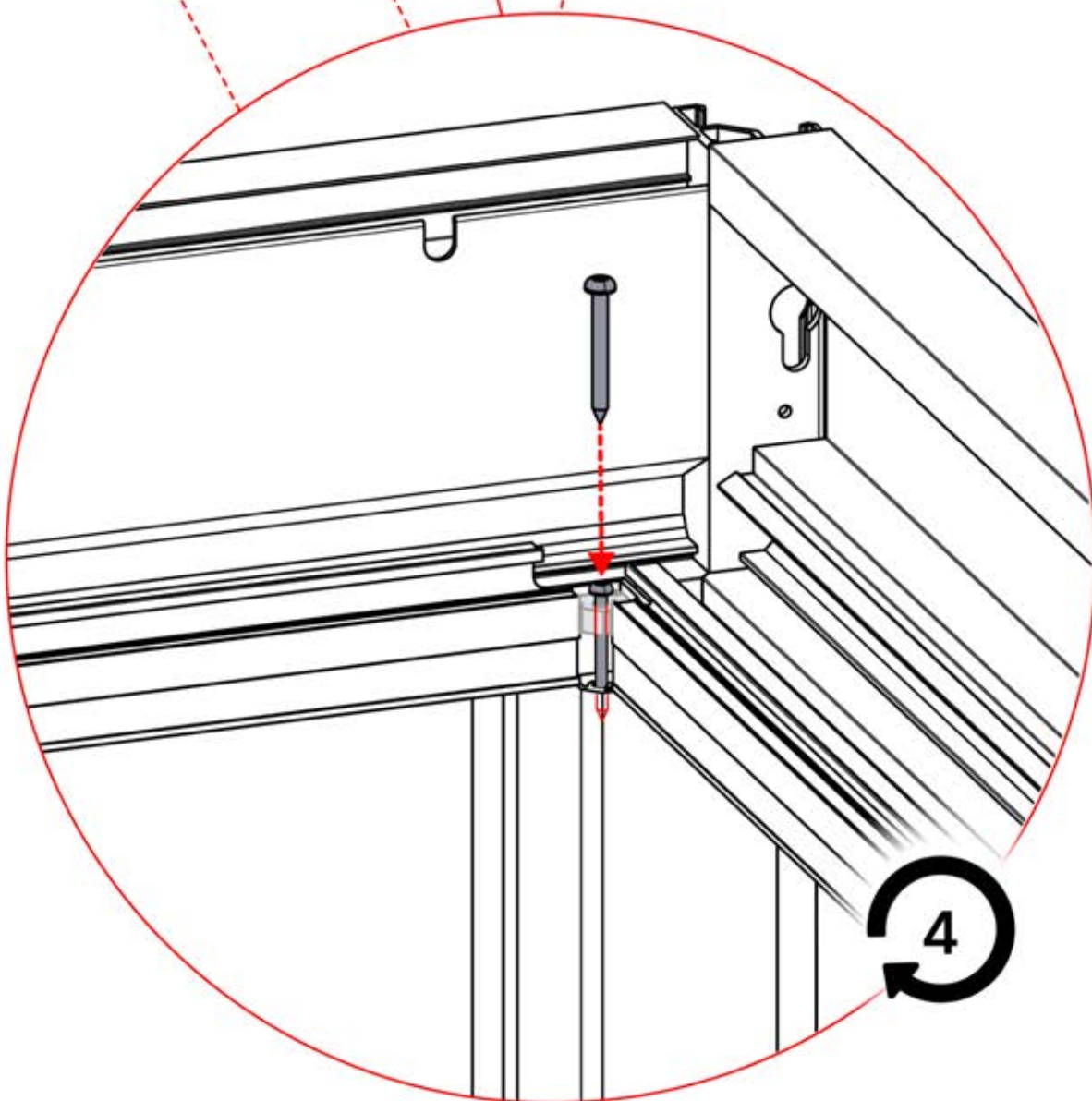
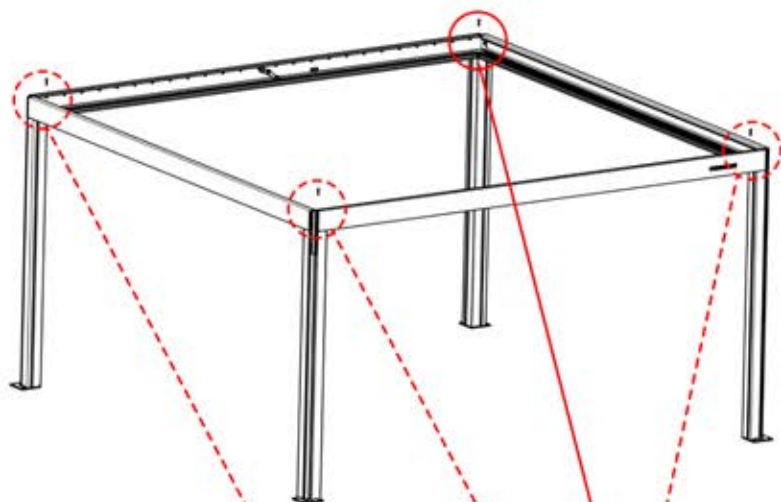
4

ANTHRACITE: B234
WHITE: B242
BLACK: B238

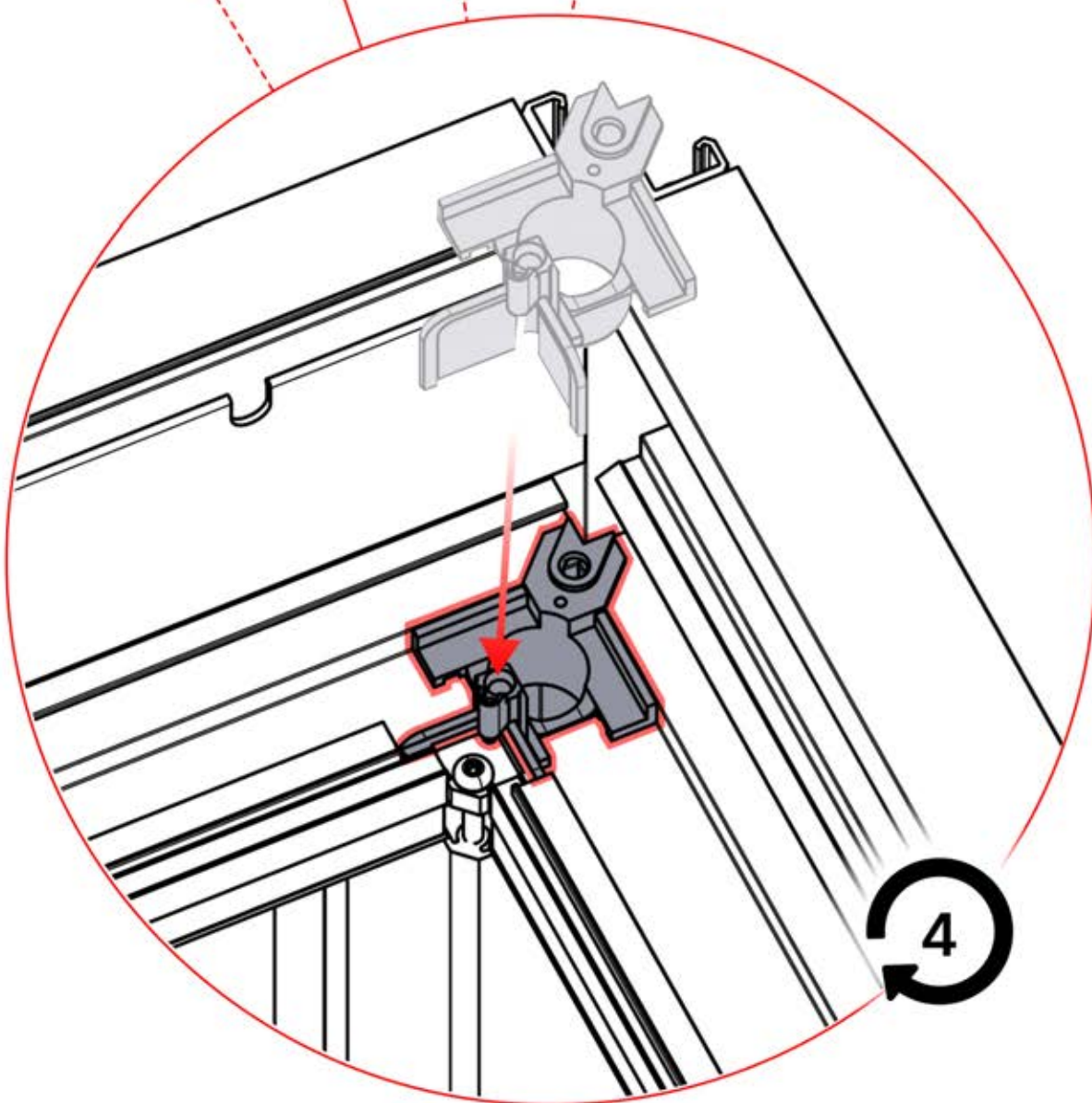
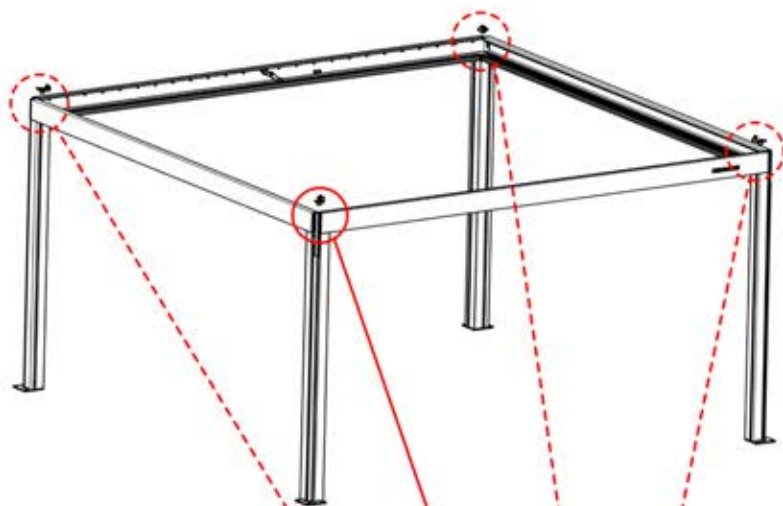
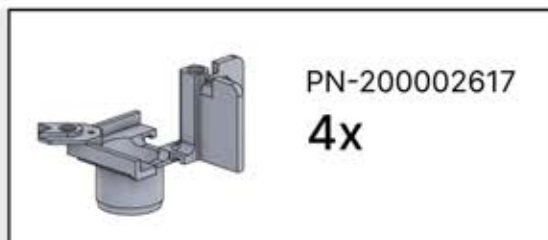
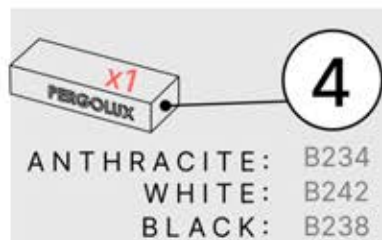


PN-200000568

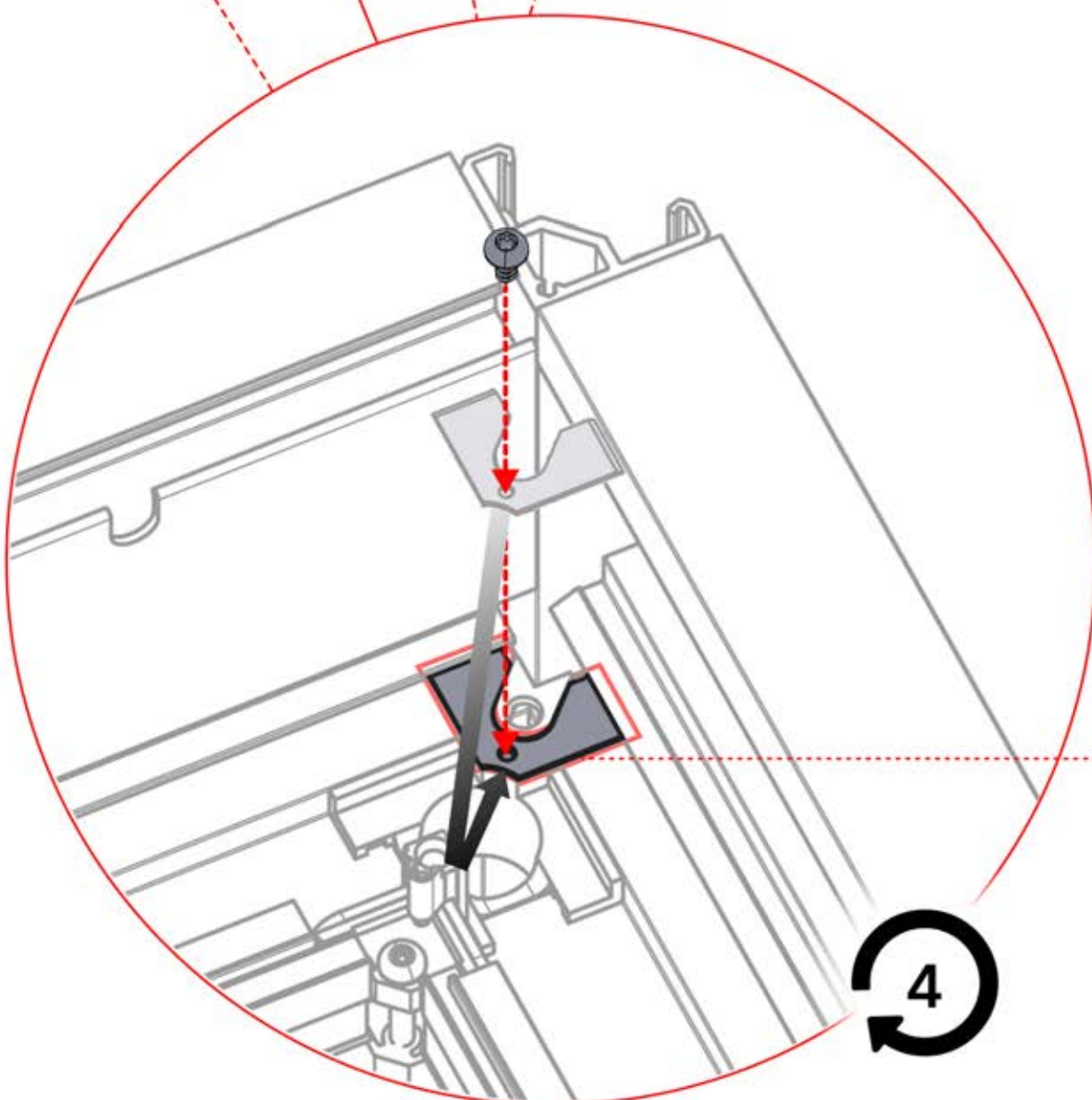
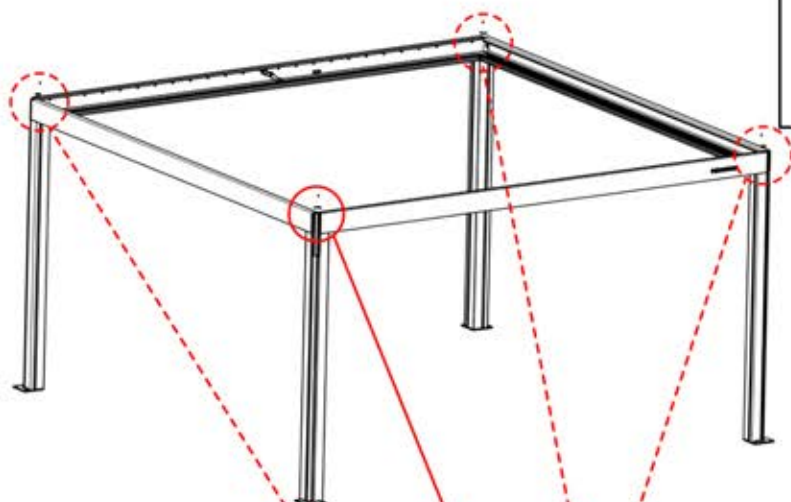
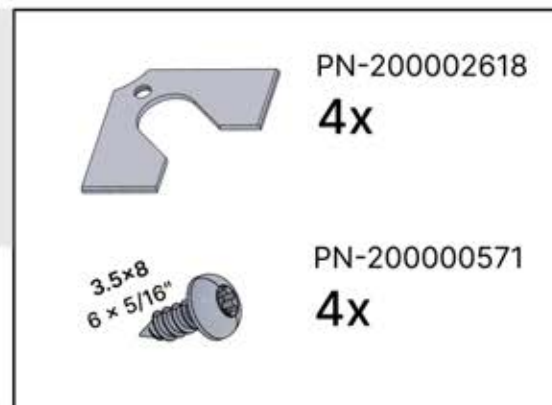
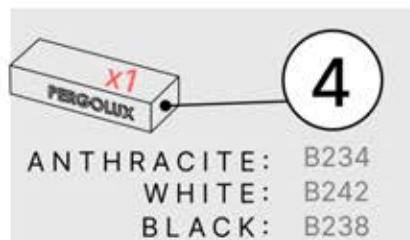
4x



08



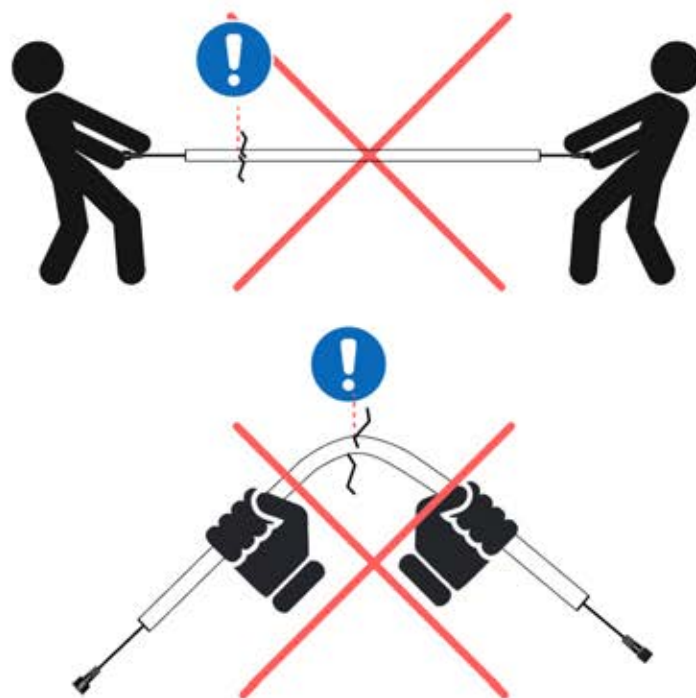
09



IMPORTANT INFORMATION

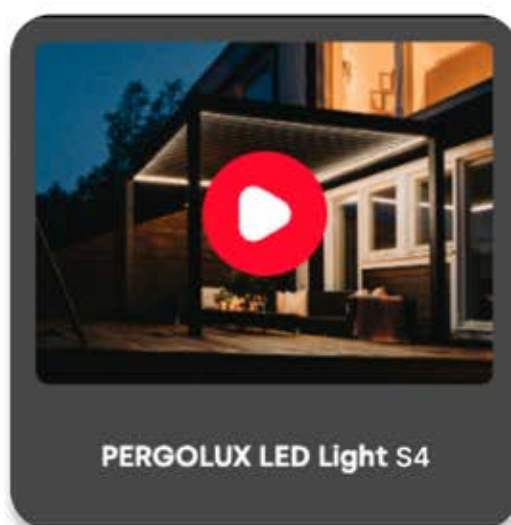
Handle with care.

When installing the light strip, do not pull or bend the wires on both sides with force, as this may cause the solder joints to fall off.

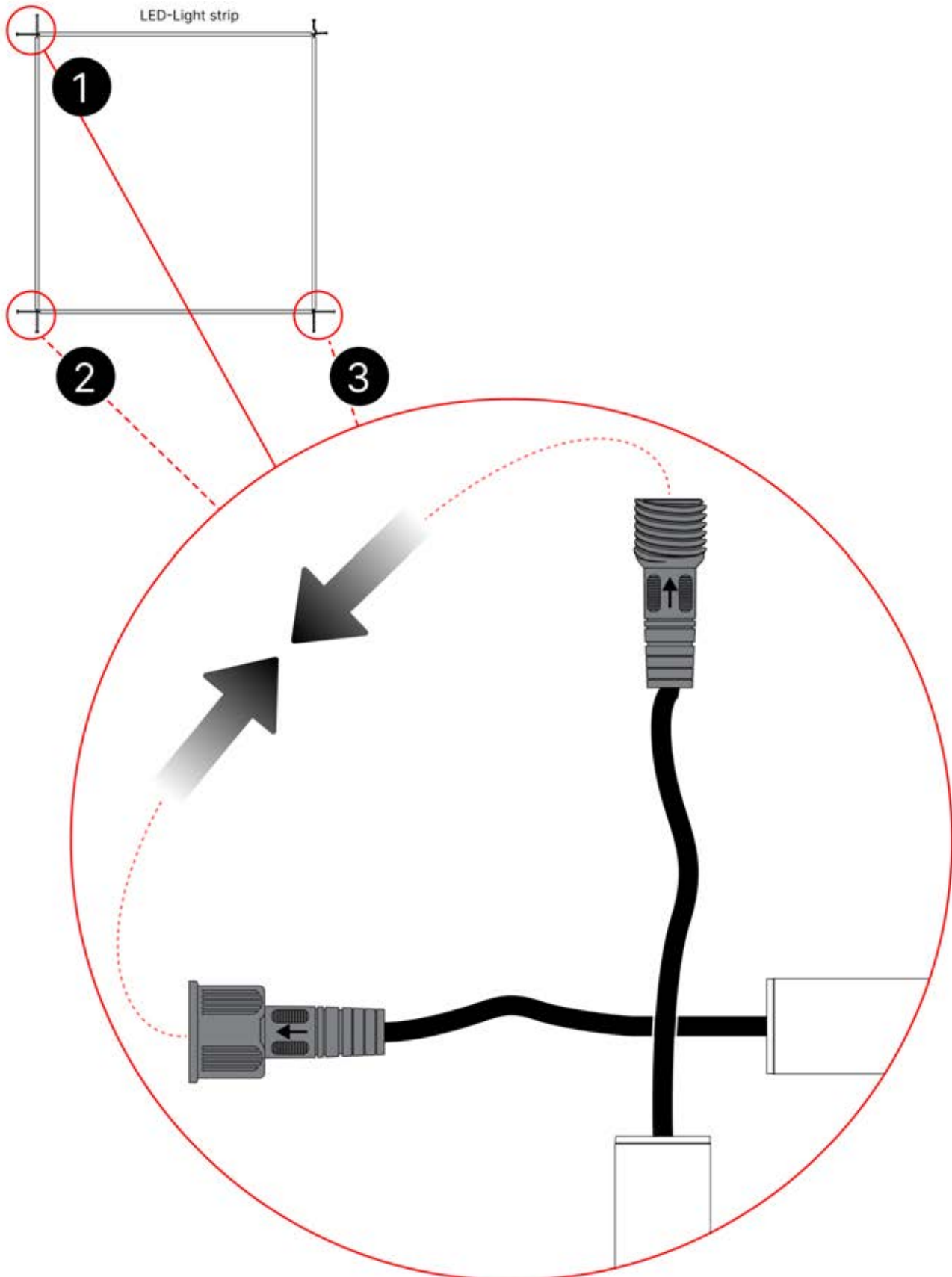


Important! Please watch all the videos before starting the assembly.

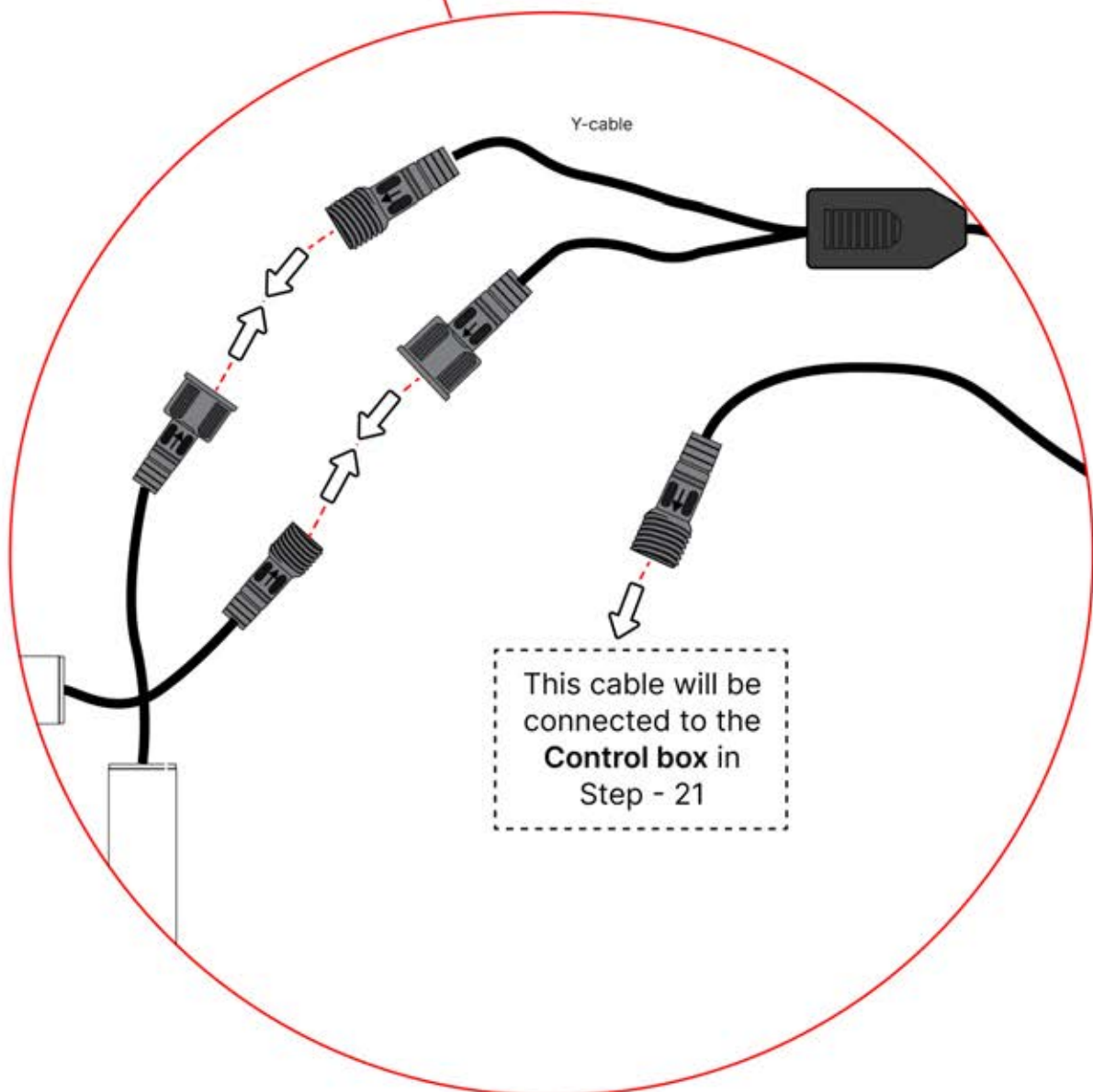
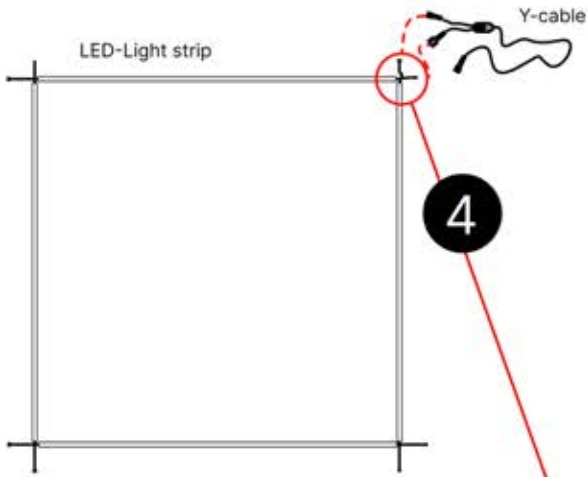
The videos contain important information relevant to the assembly process.



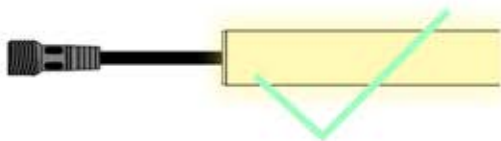
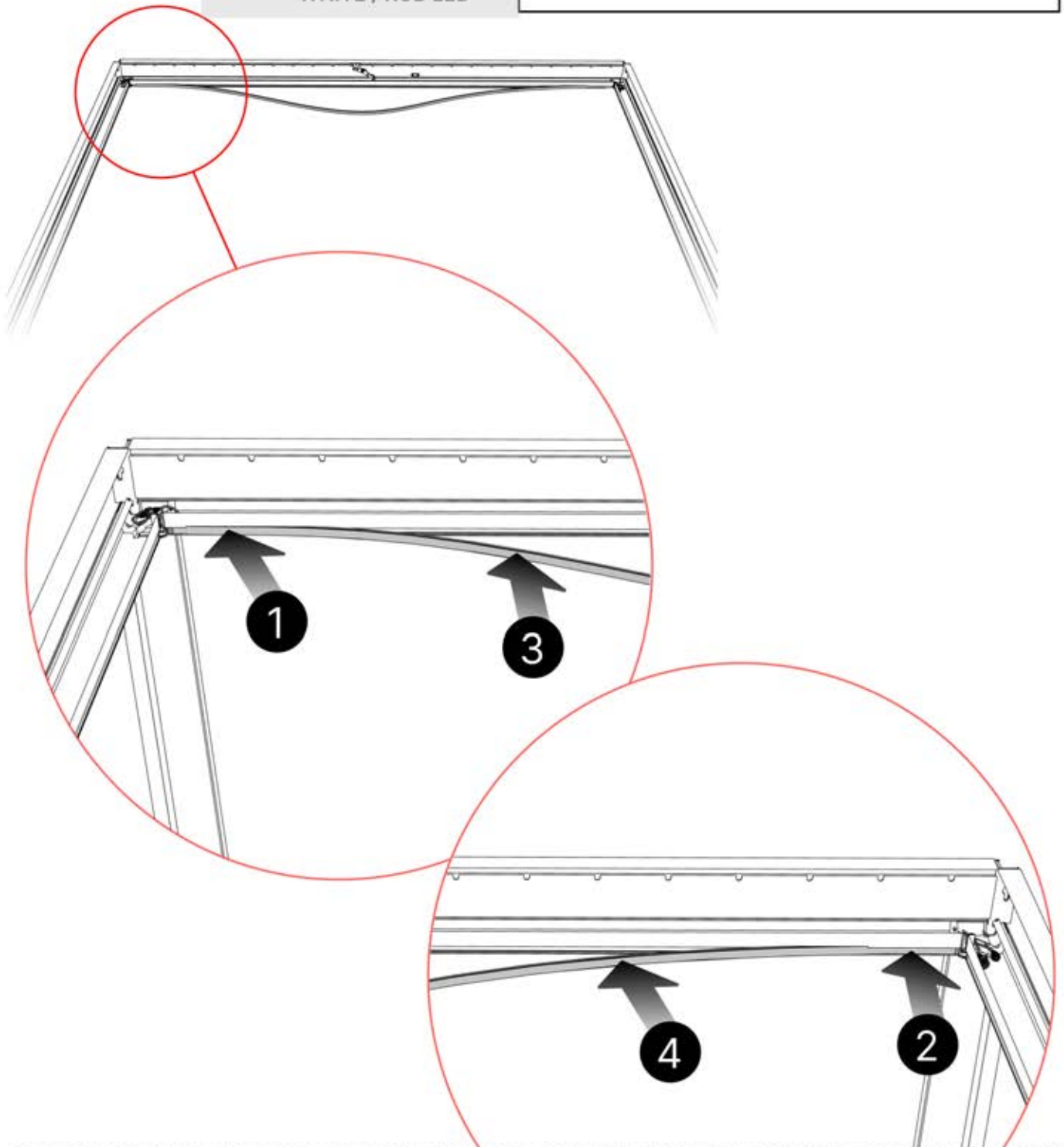
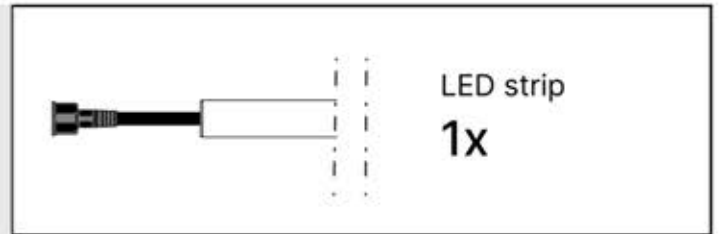
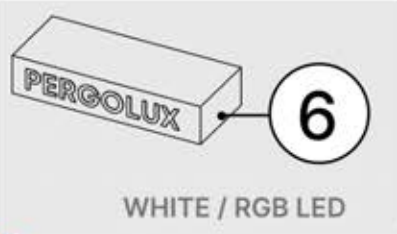
INFORMATION



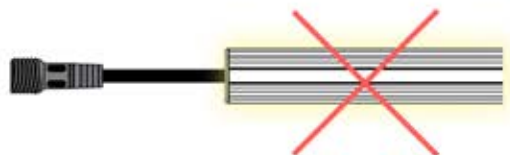
INFORMATION



10



This side is the front and should face outward

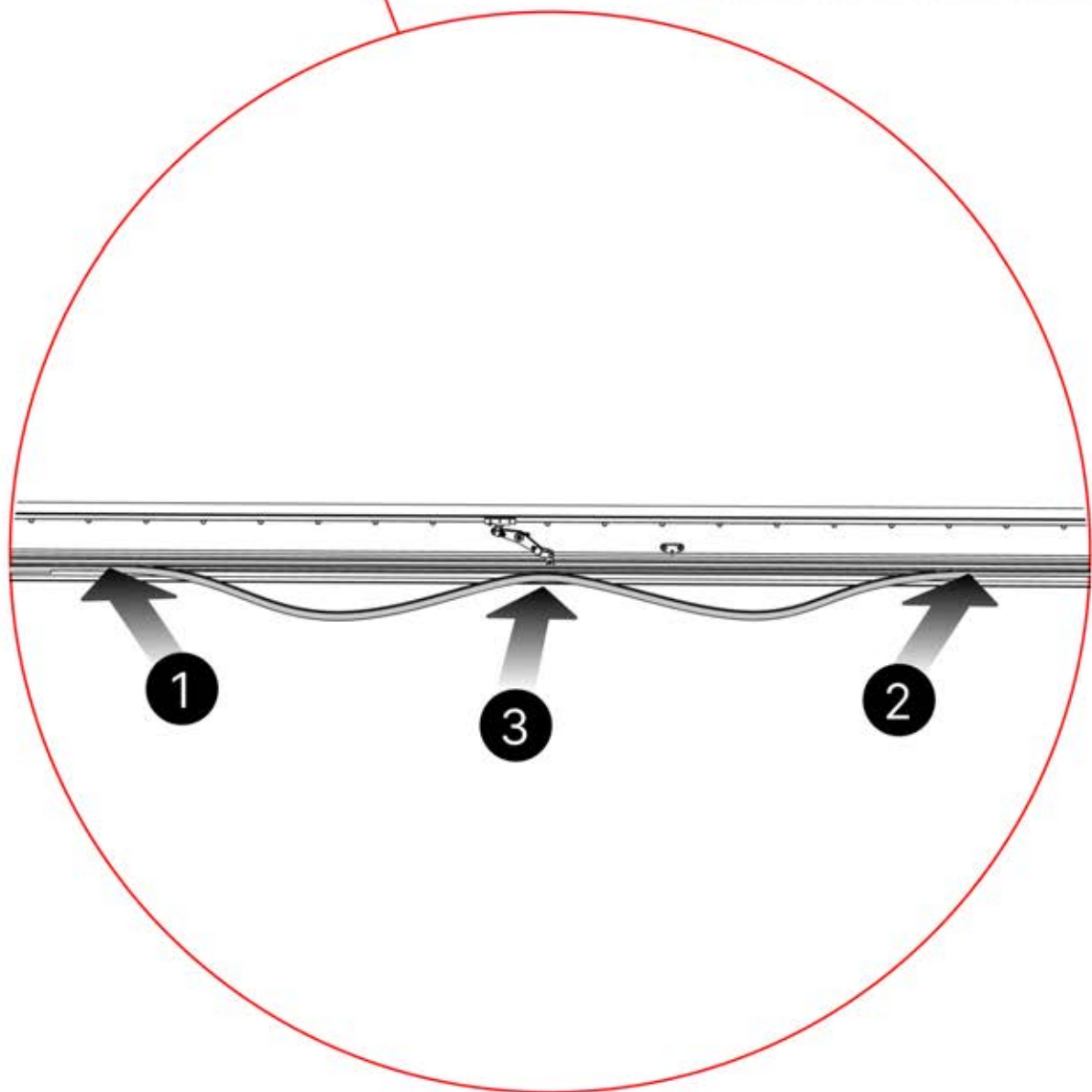
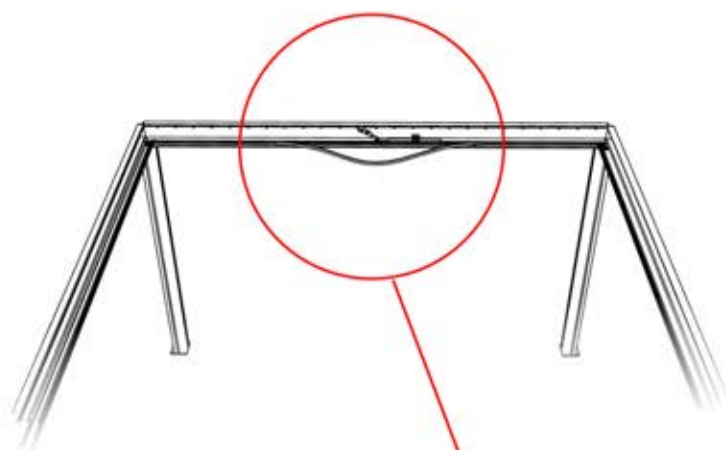


This side is the back and should be positioned to face the beam

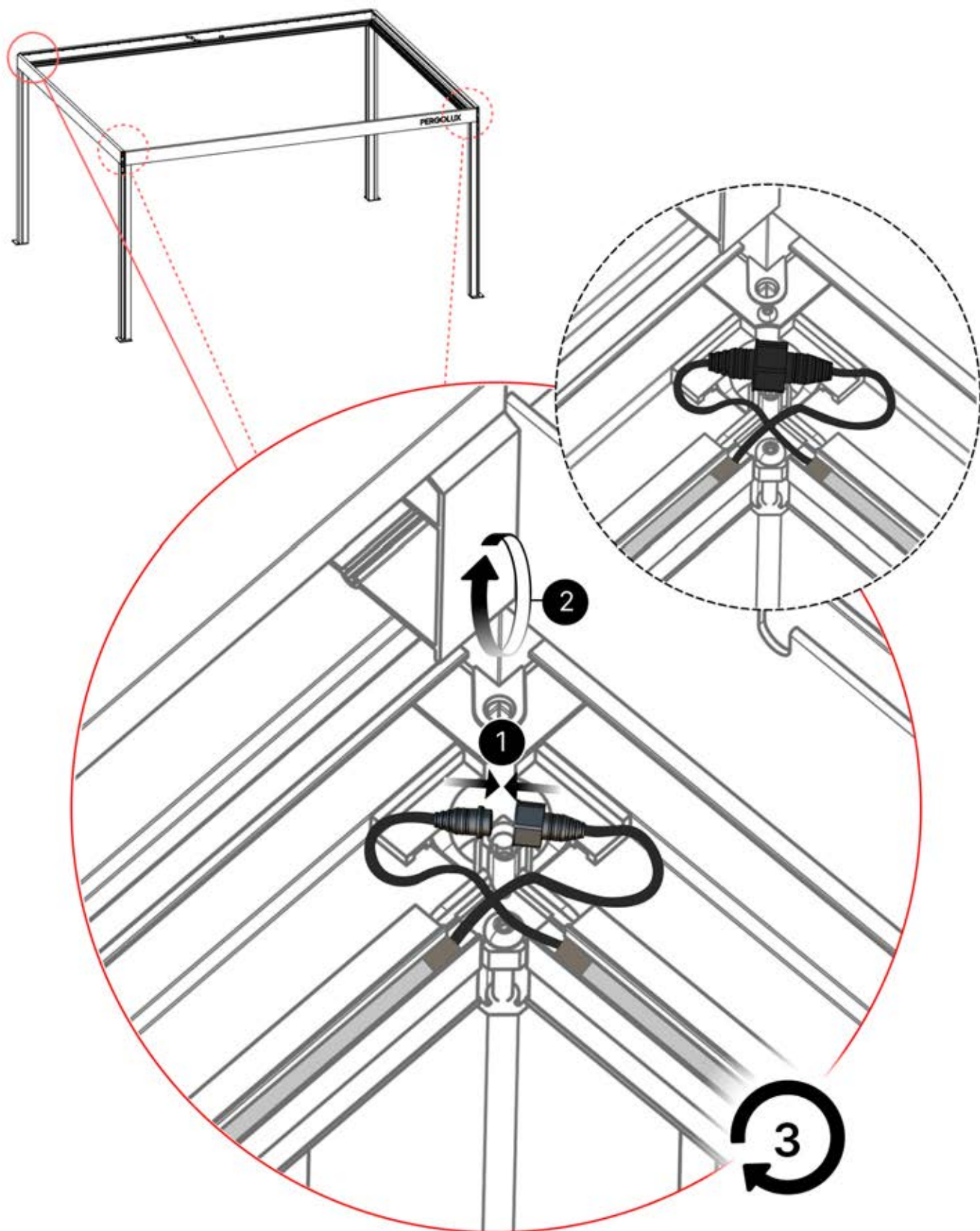
11



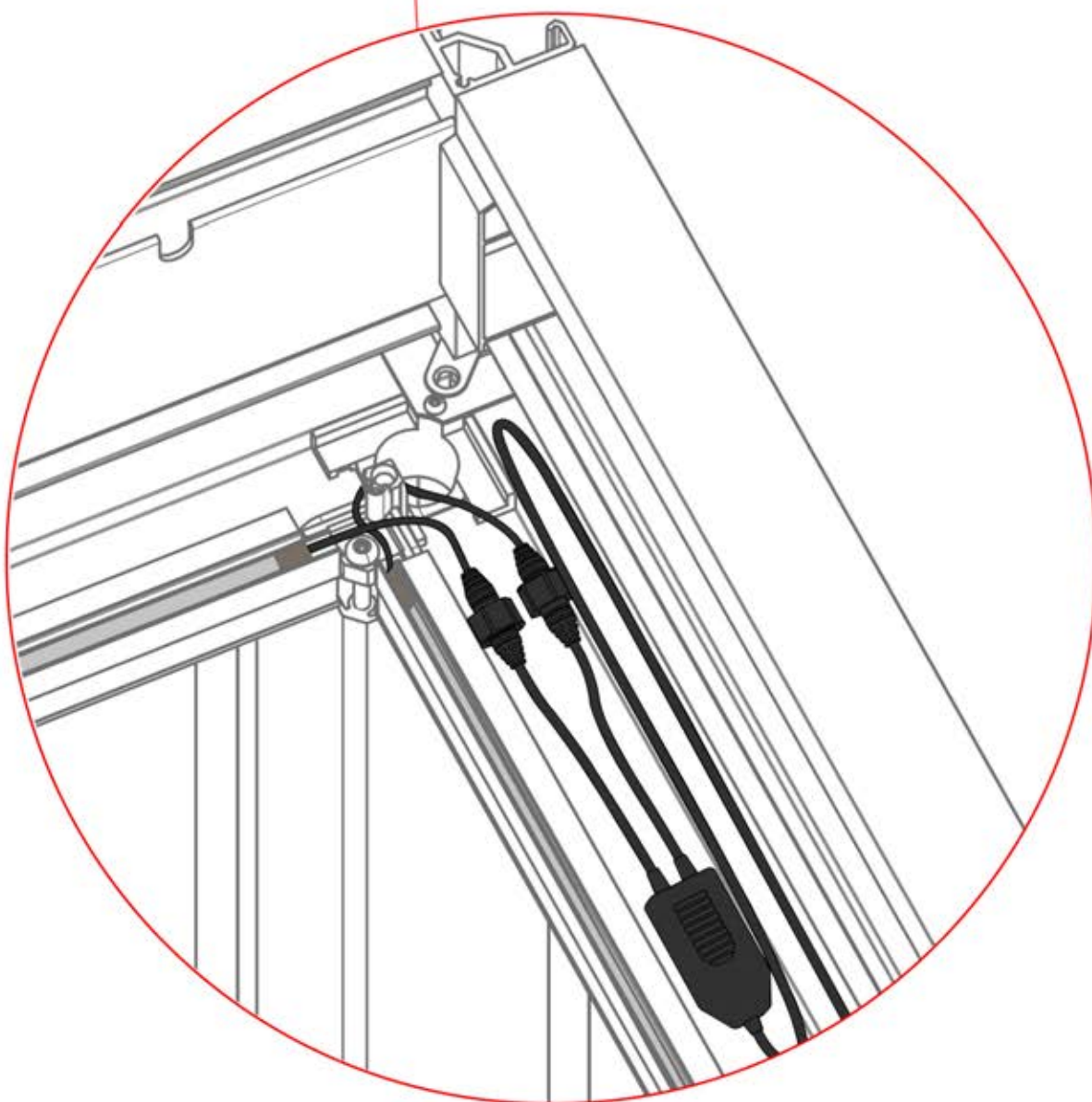
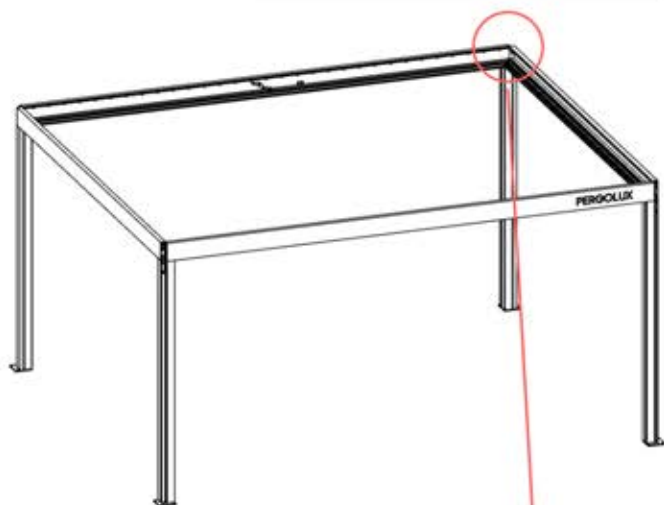
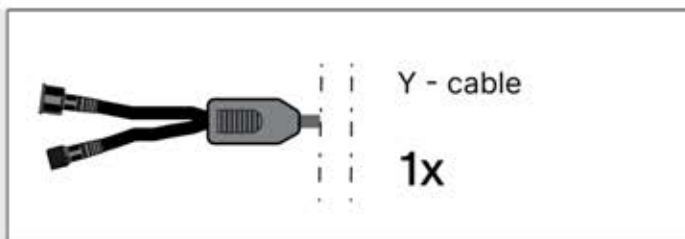
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



12



13



14

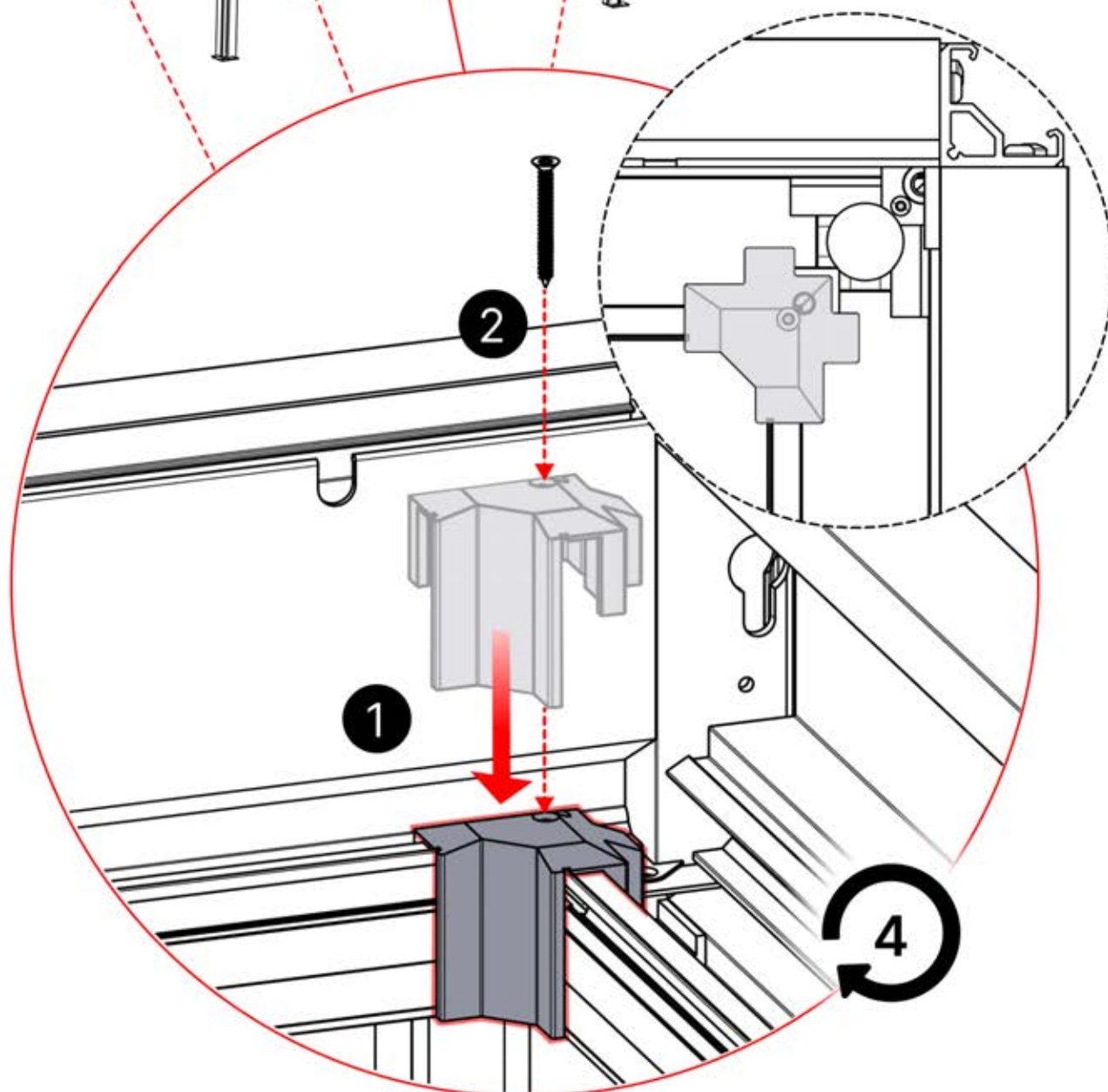
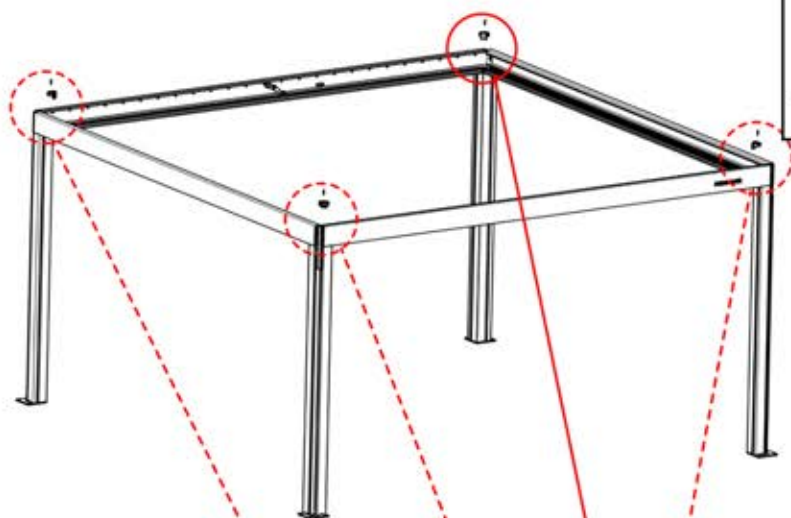
x1
PERGOLUX

4

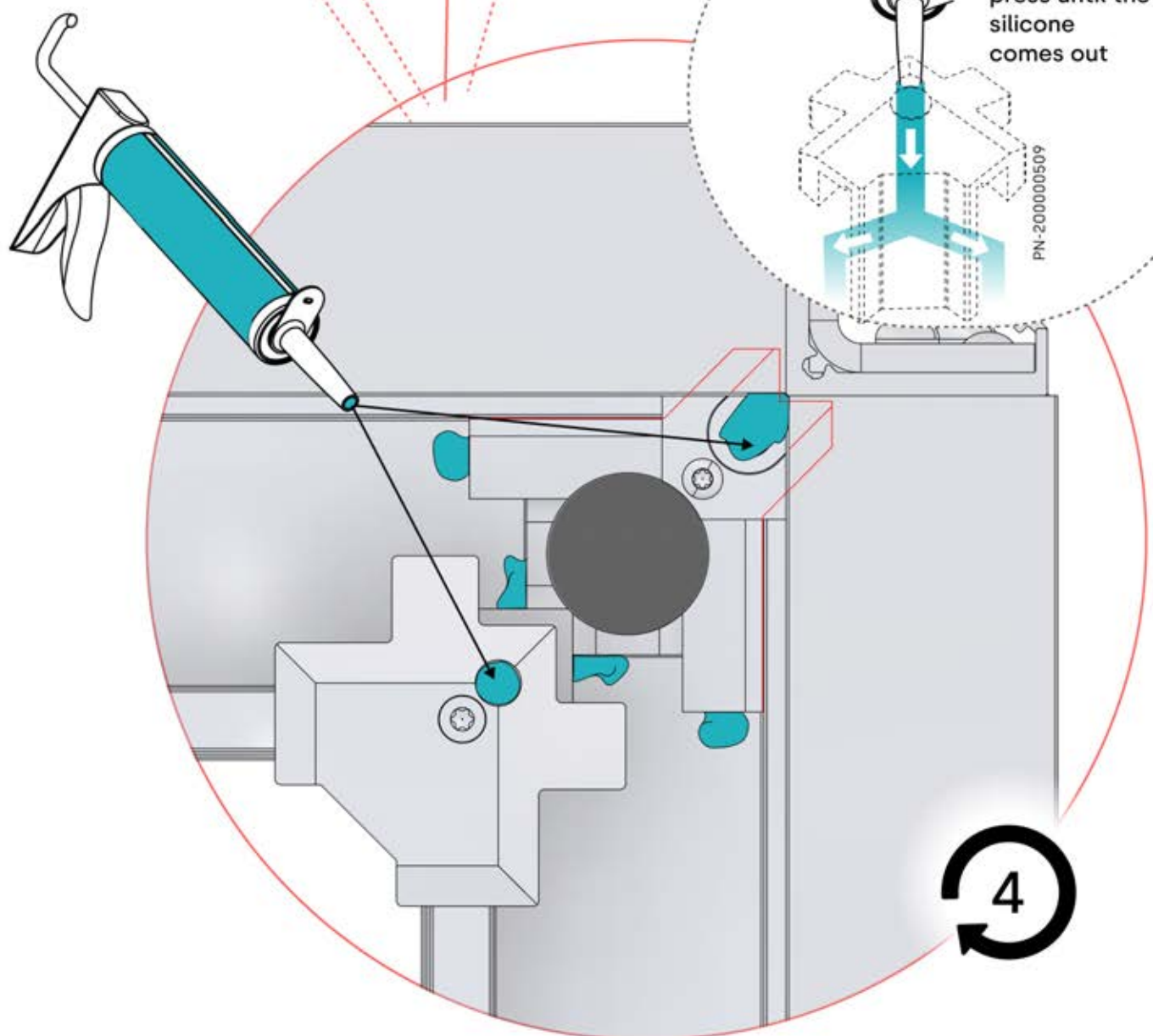
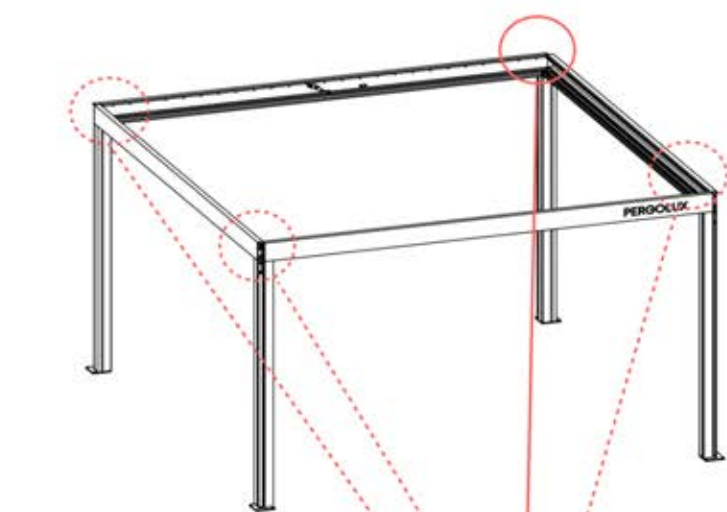
ANTHRACITE: B234
WHITE: B242
BLACK: B238

 PN-200002625
4x

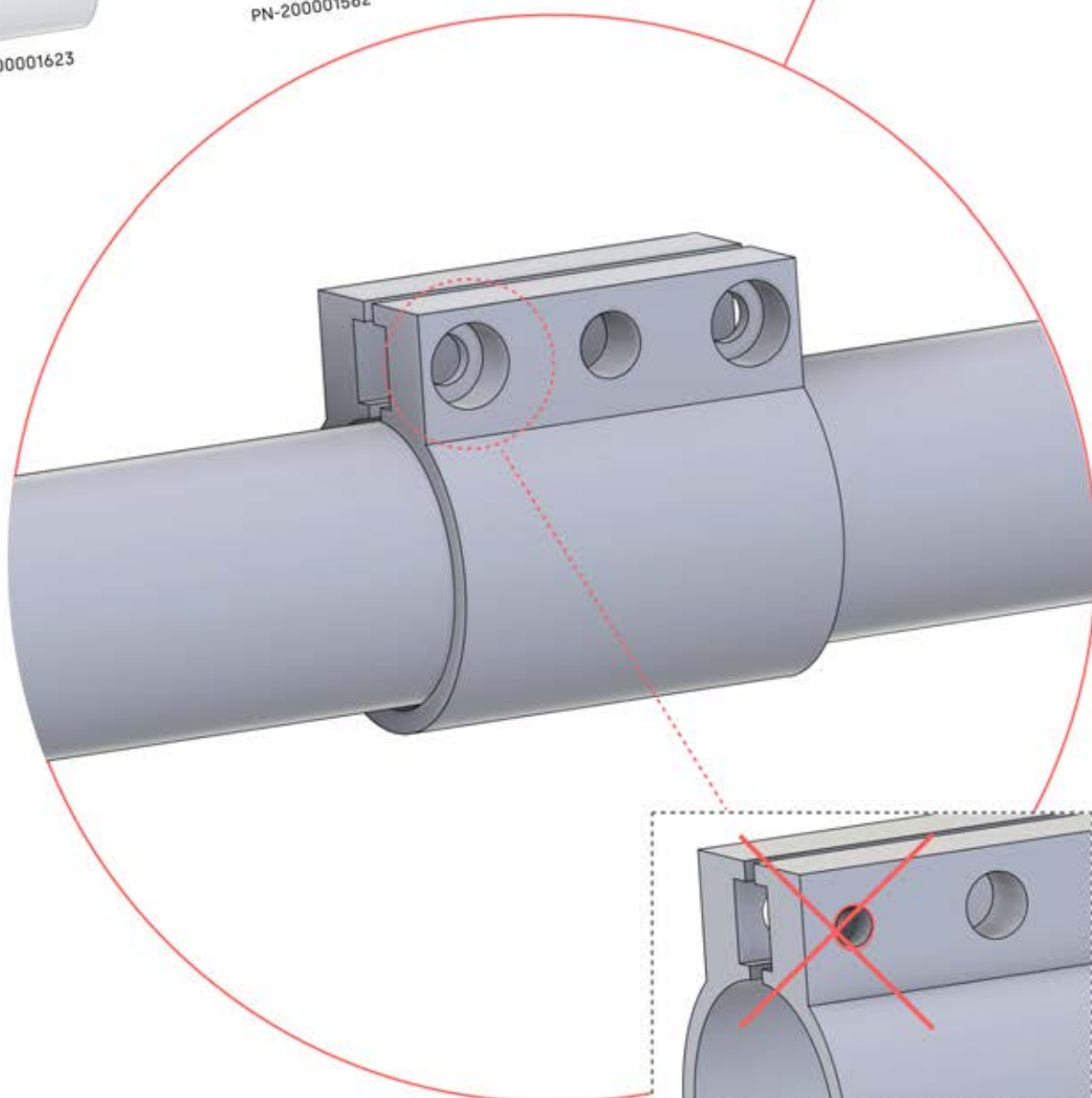
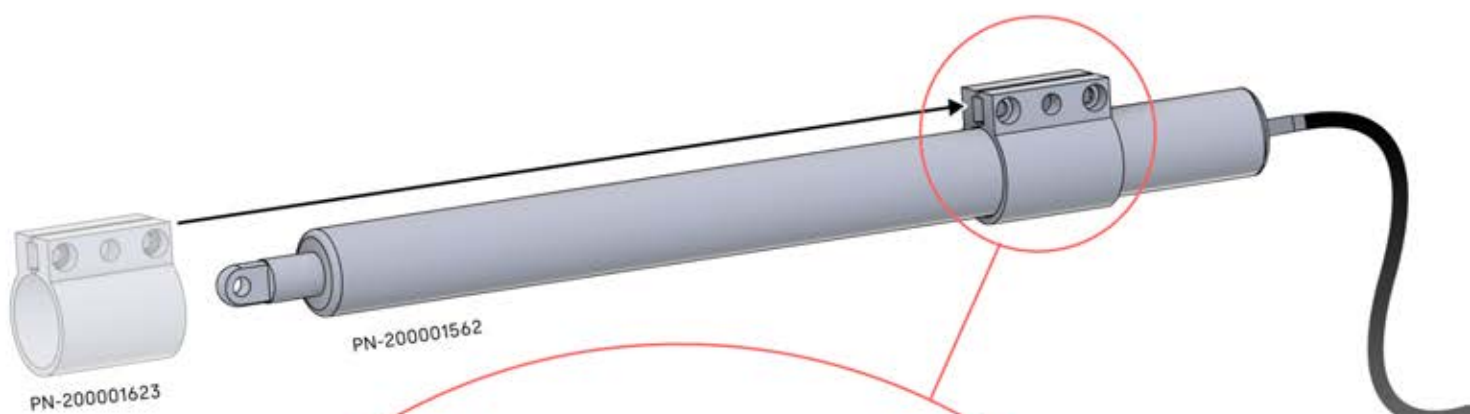
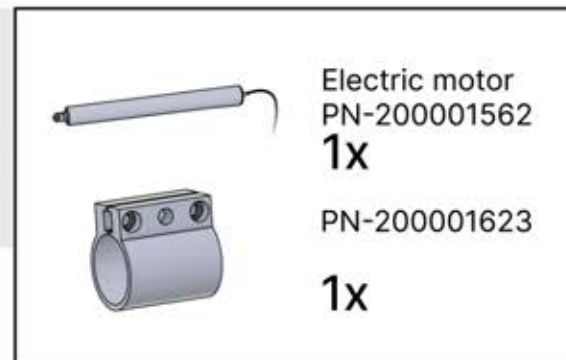
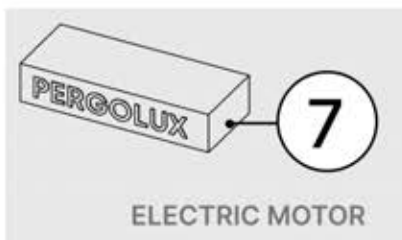
 4.2x40
5/32" x 1-9/16" PN-200000960
4x



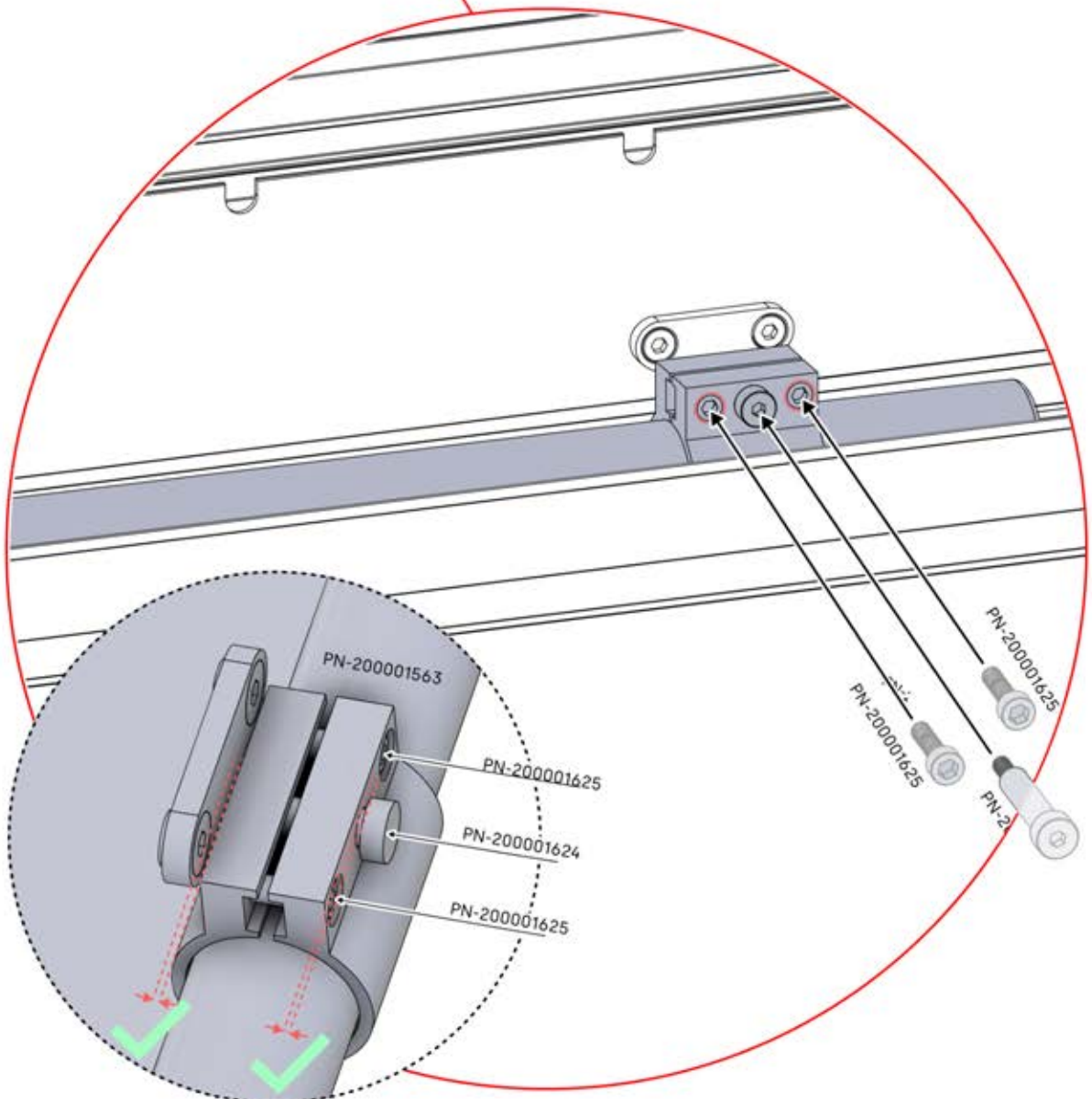
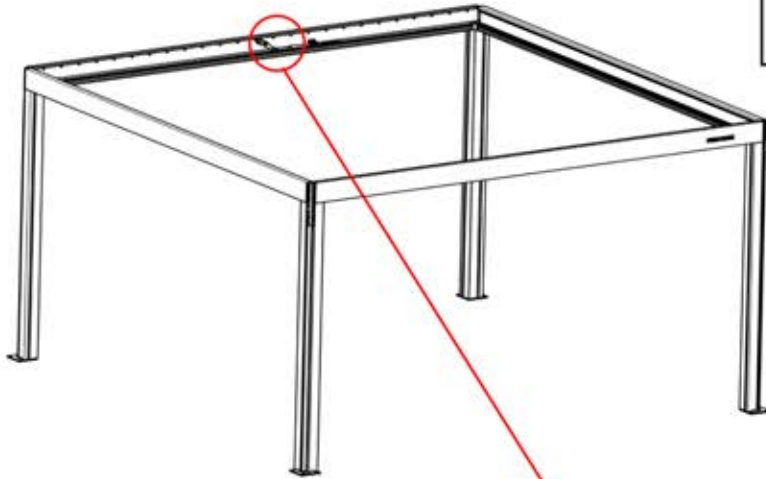
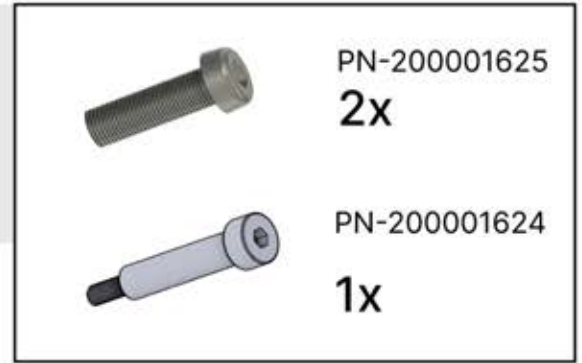
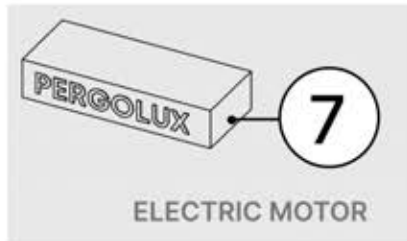
15



16



17



18



4

ANTHRACITE: B234
WHITE: B242
BLACK: B238



PN-200003372

1x



PN-200000502

1x



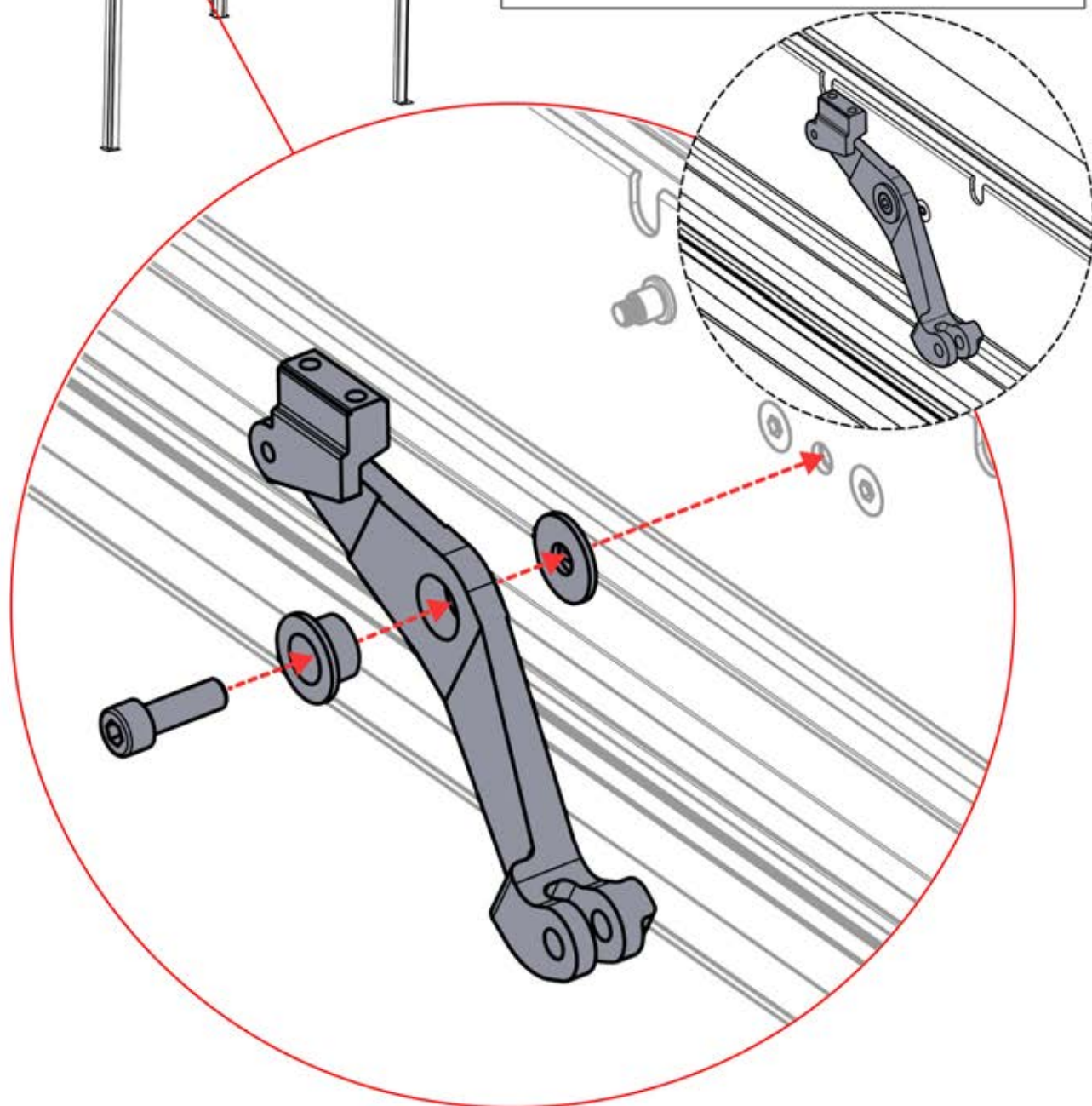
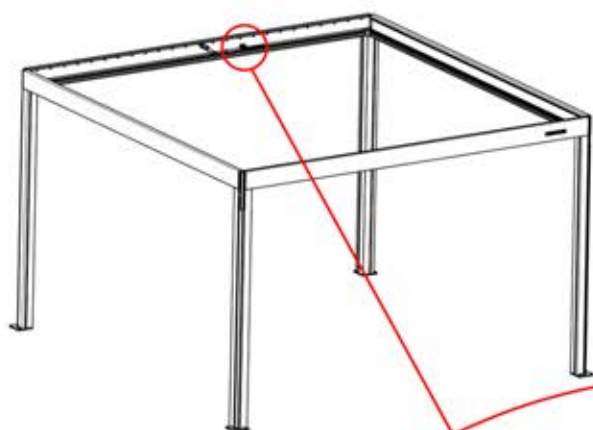
PN-200003373

1x

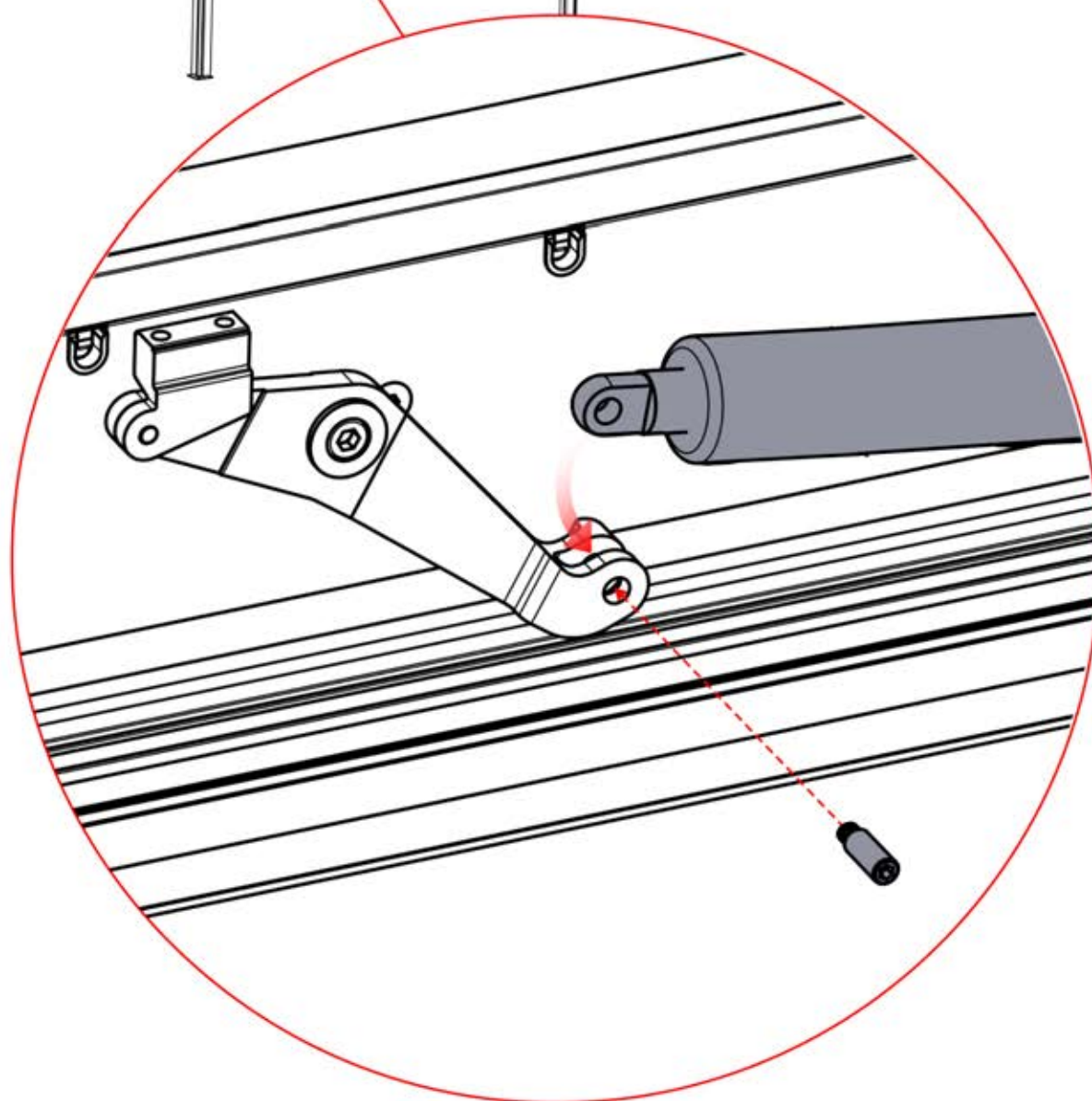
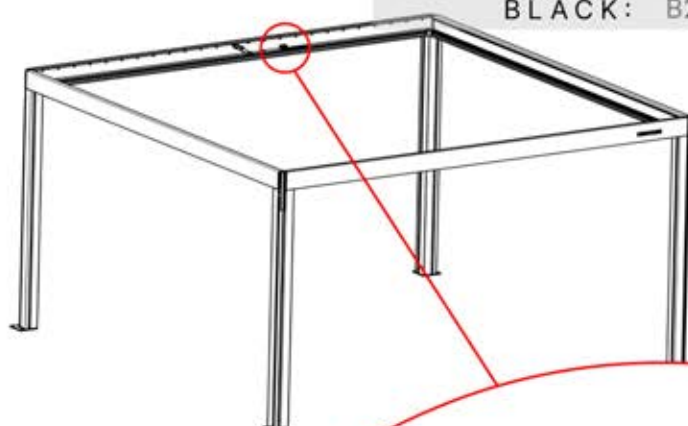
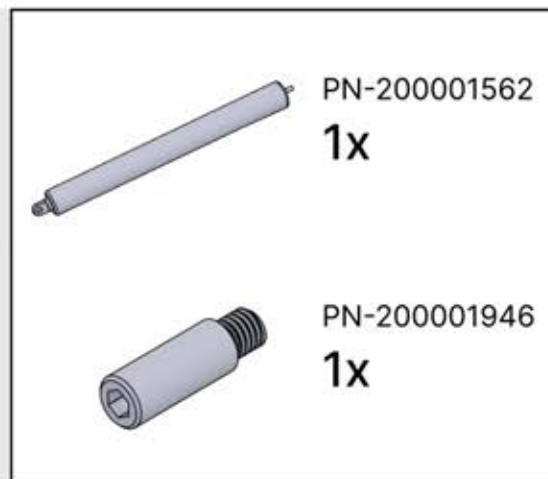
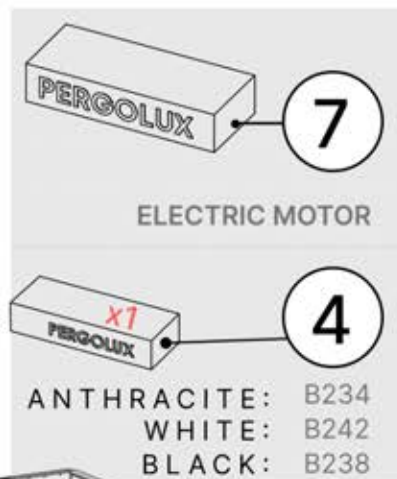


PN-200000561

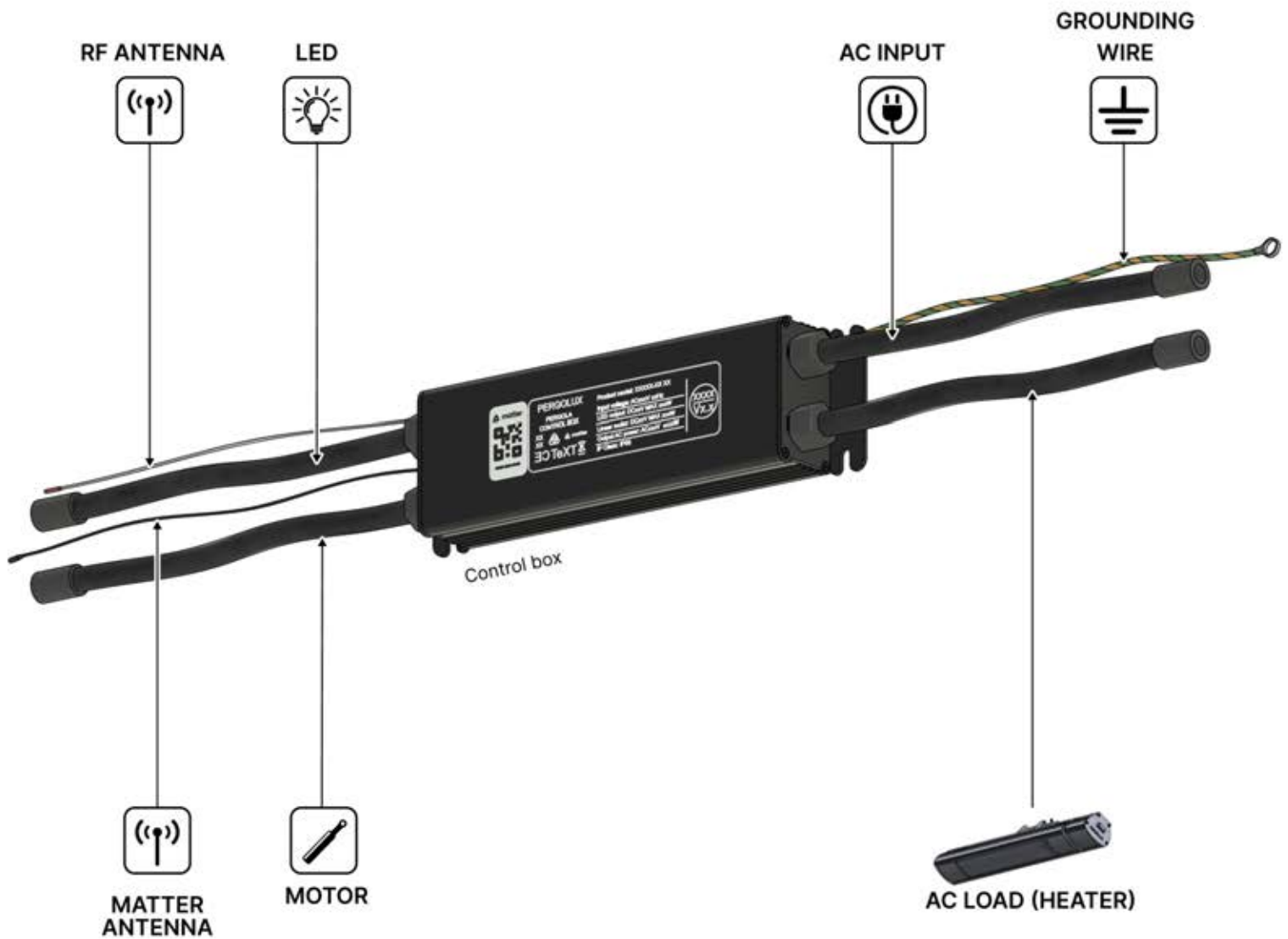
1x



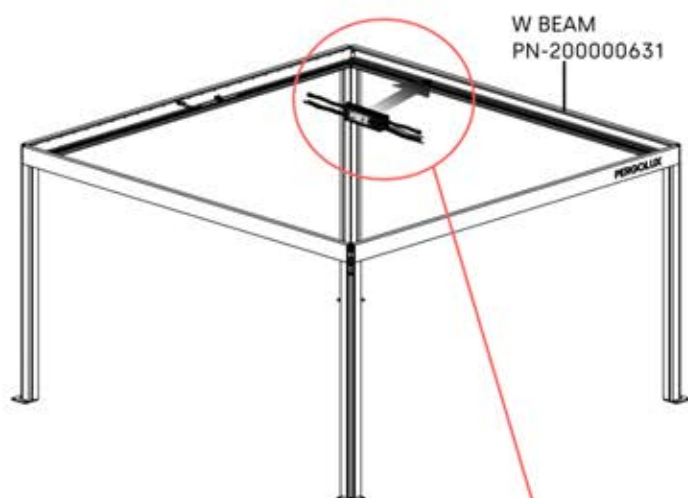
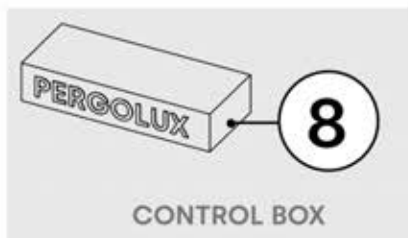
19



INPUTS AND OUTPUTS

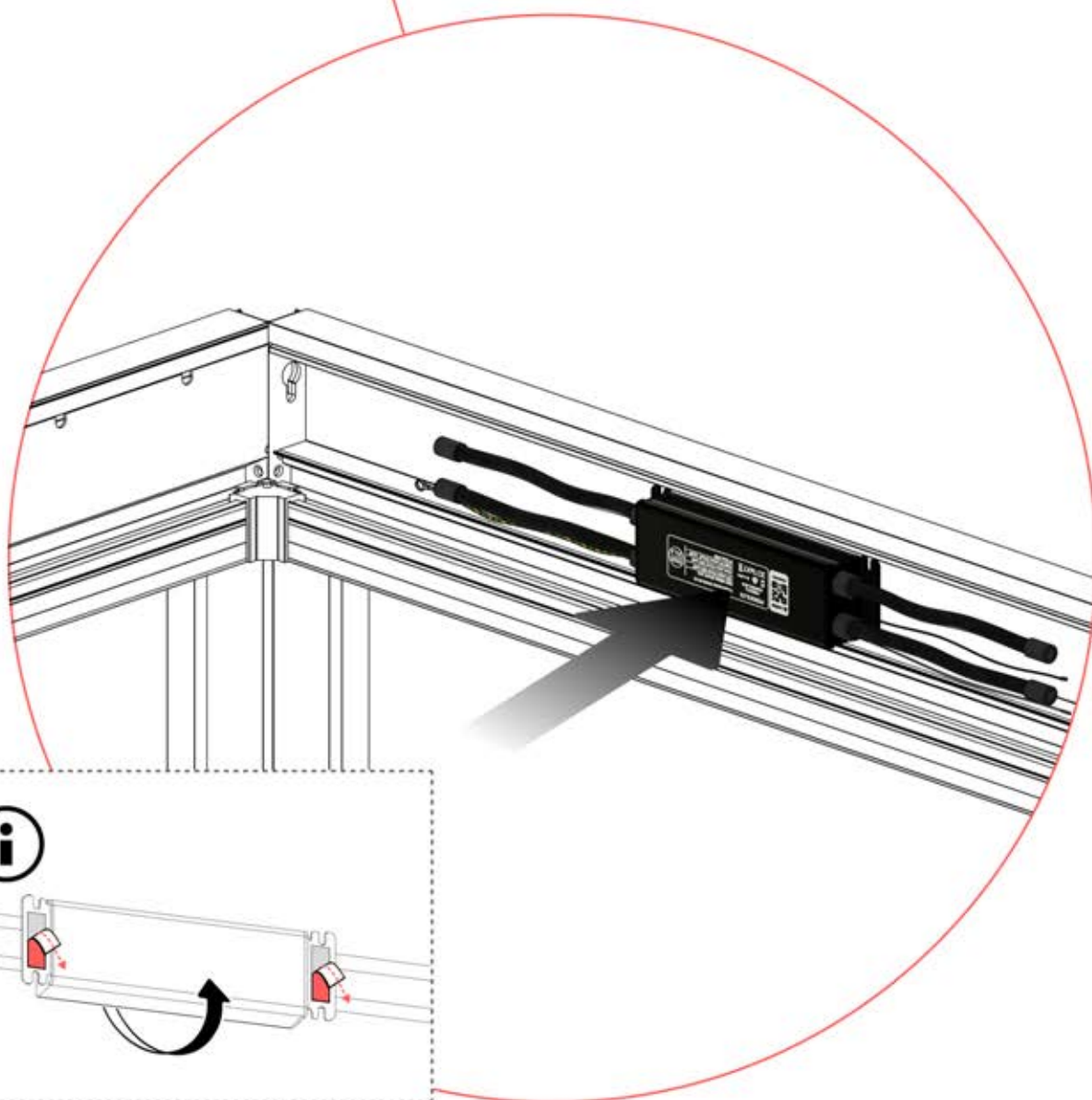


20

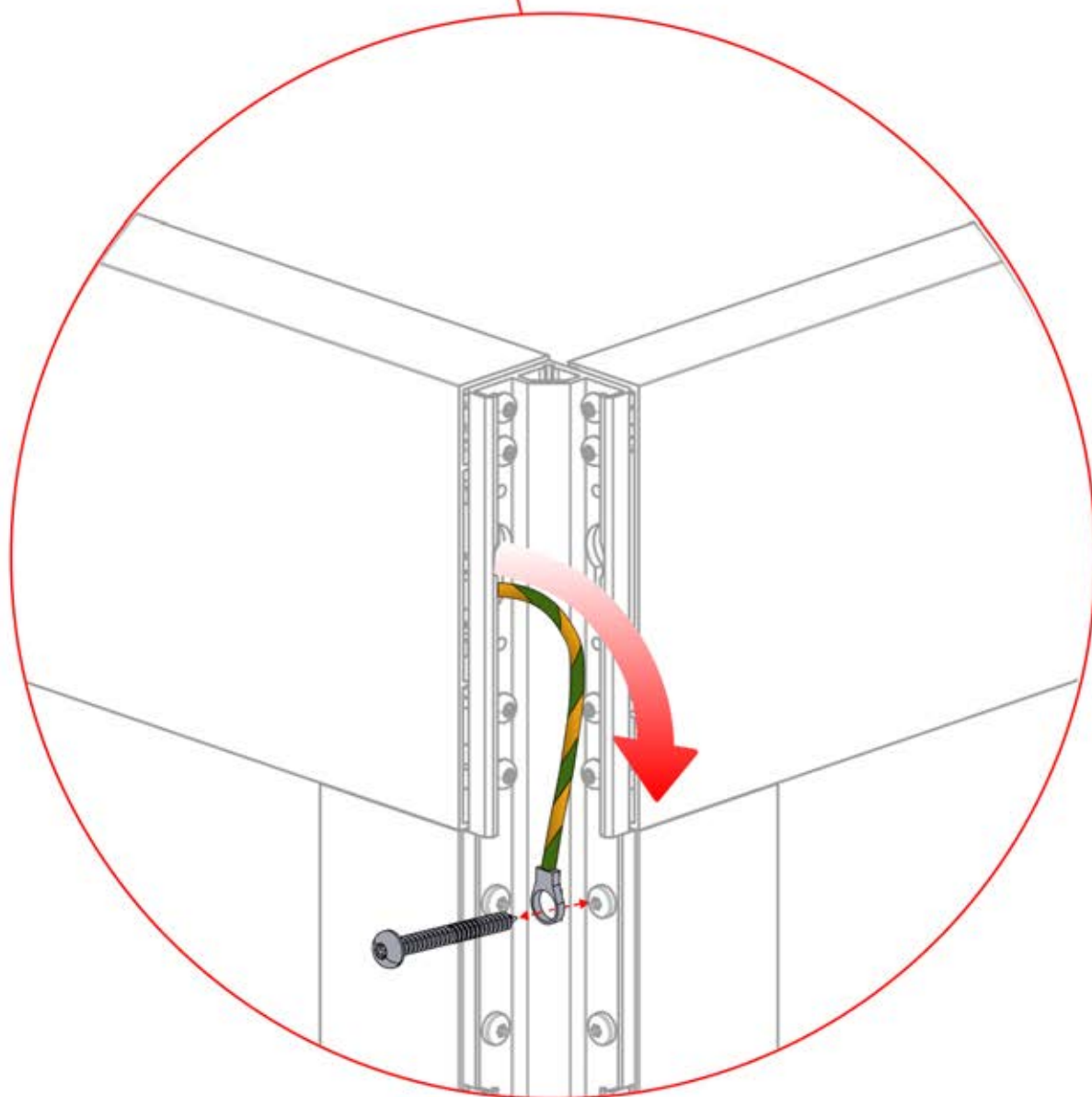
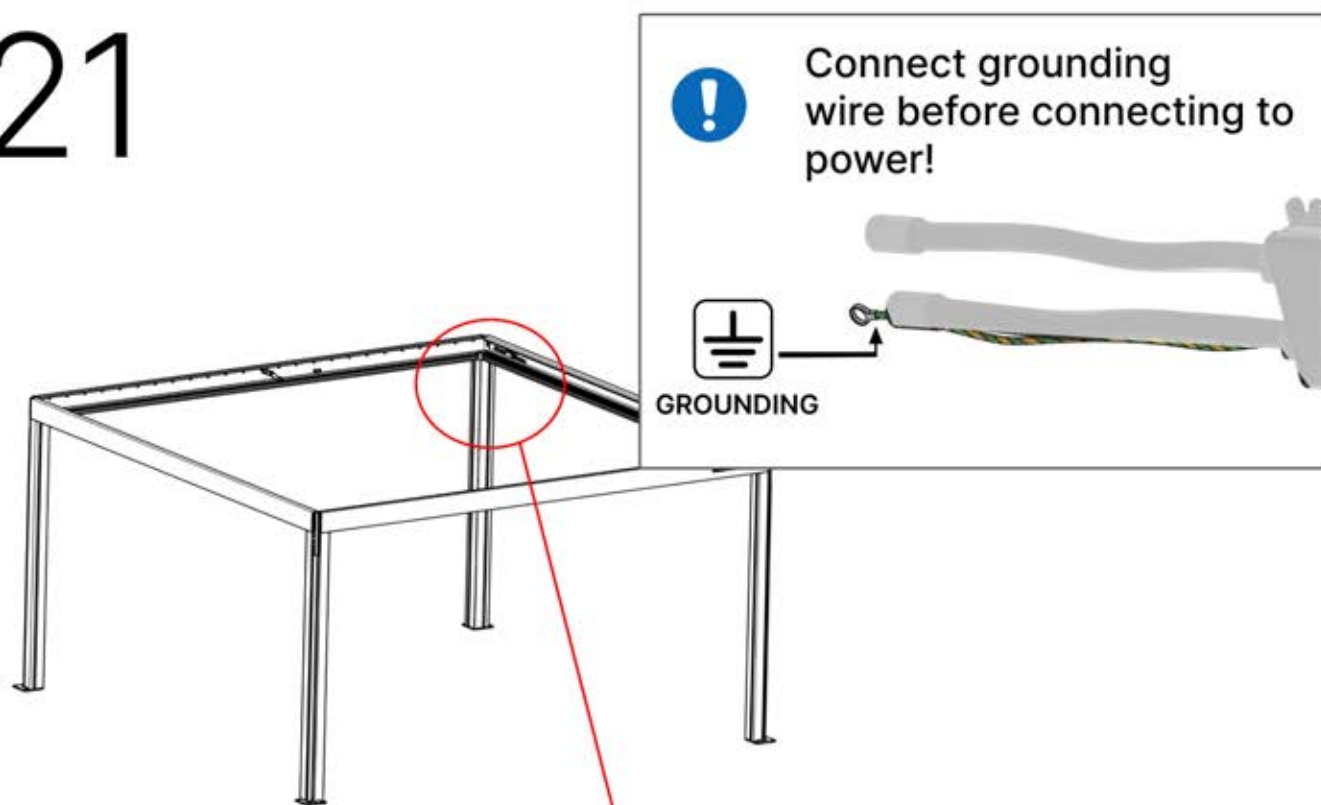


!

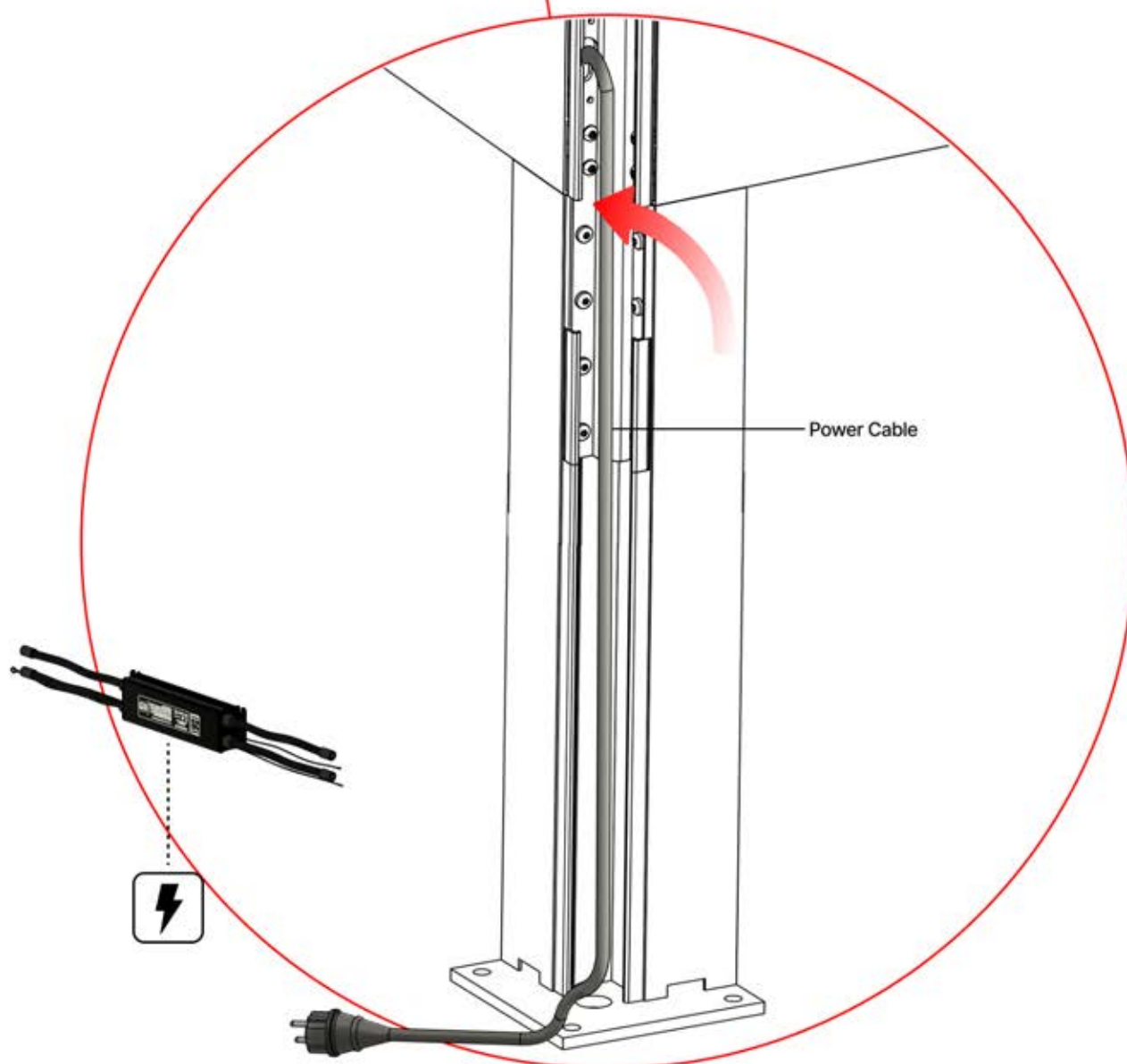
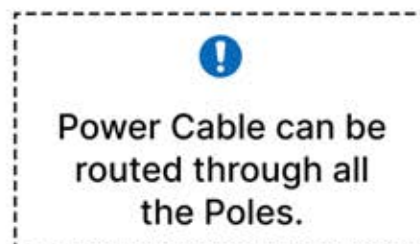
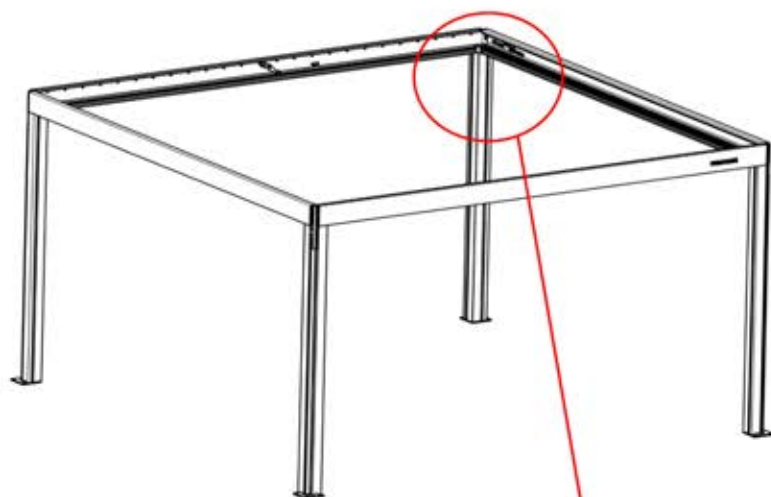
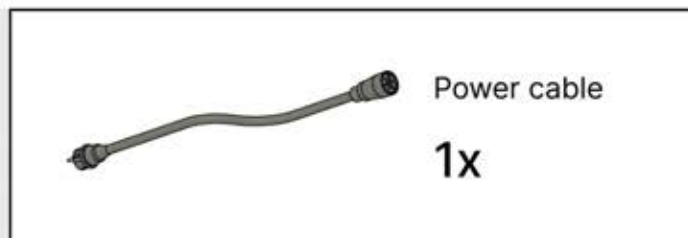
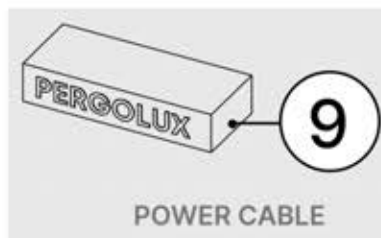
Control Box can be
installed on
Preferred W BEAM



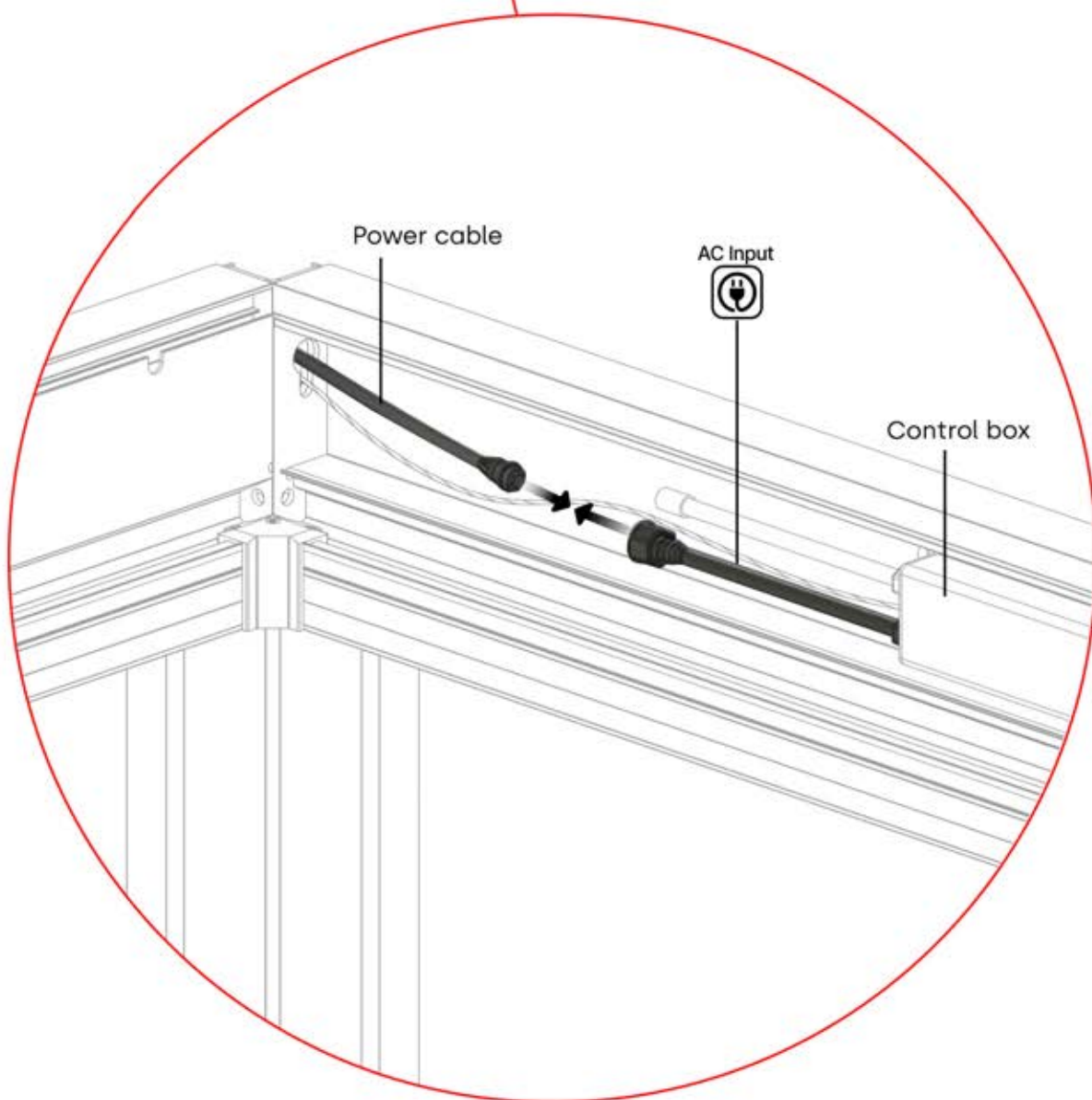
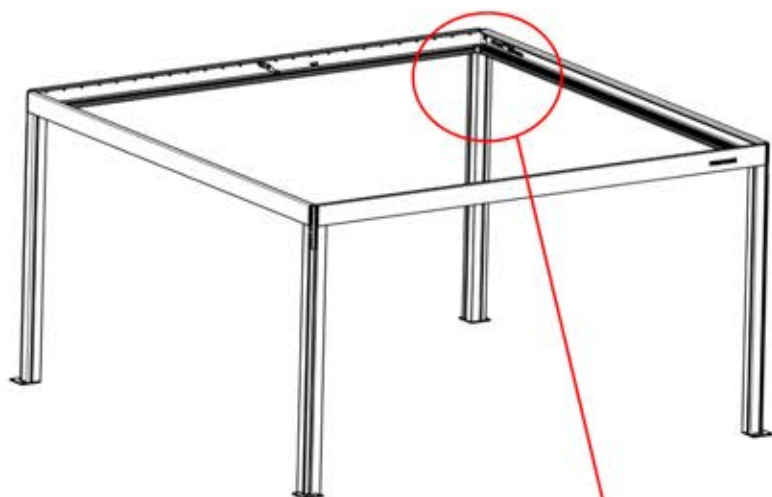
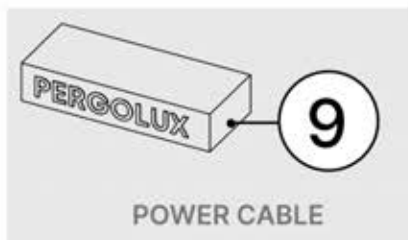
21



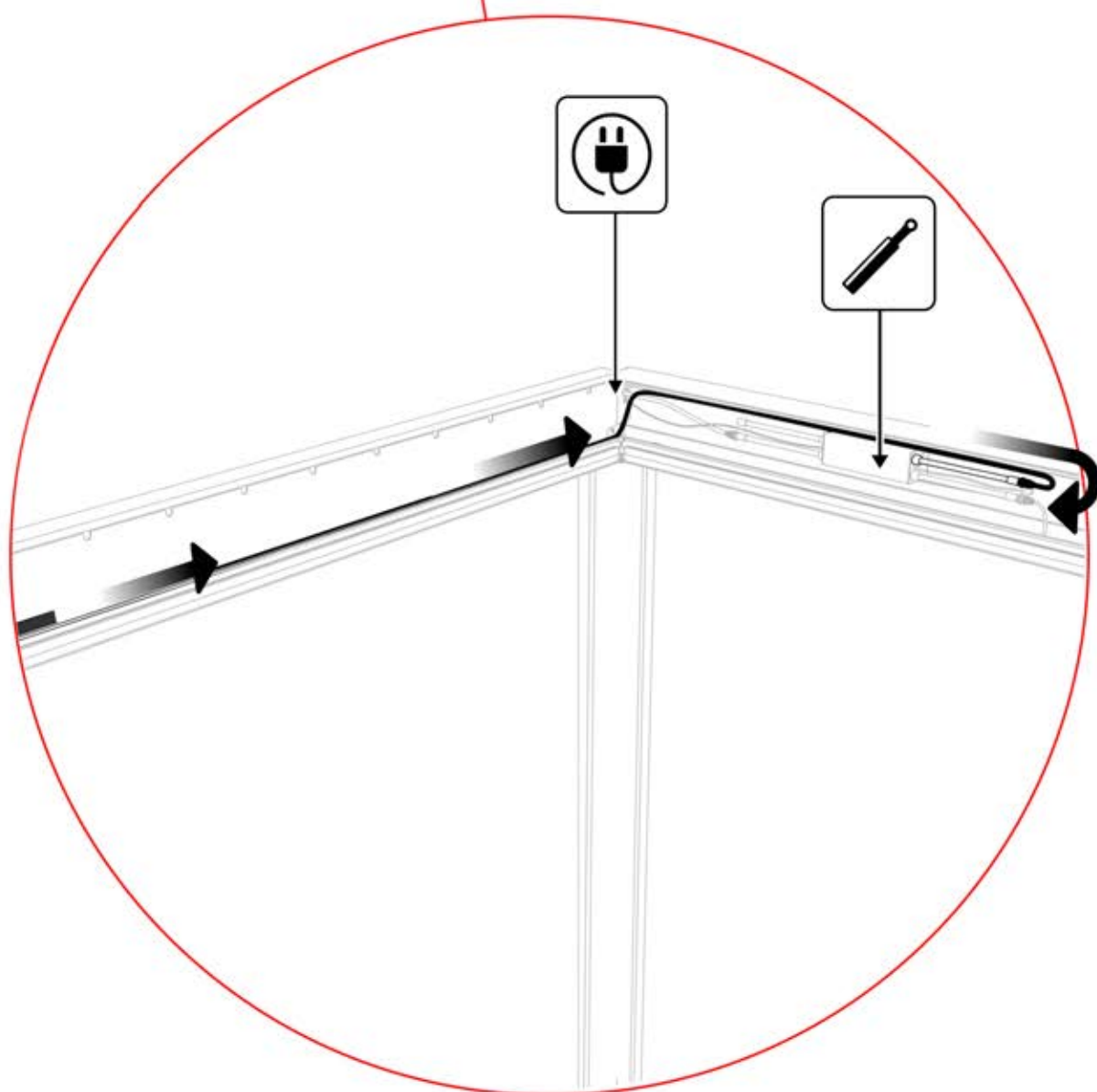
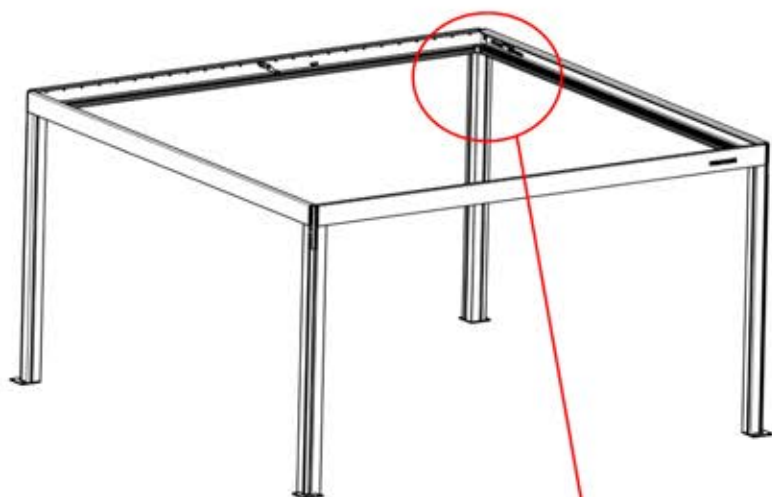
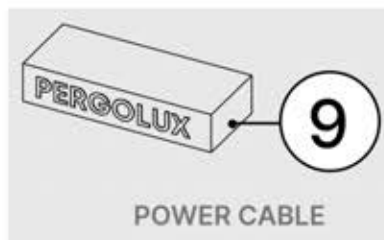
22



23



24

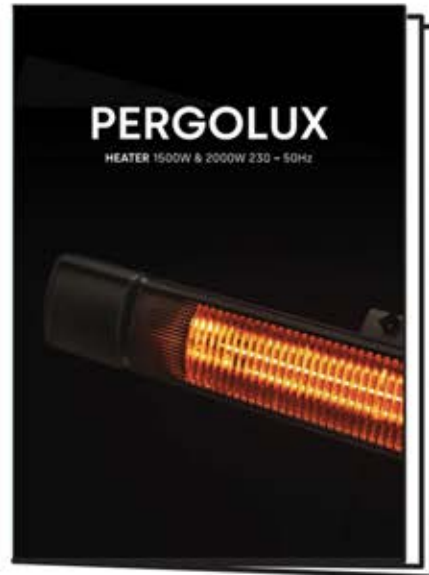


25

1

If you are going to install a heater, do it now.

Follow the instructions in the heater assembly manual.



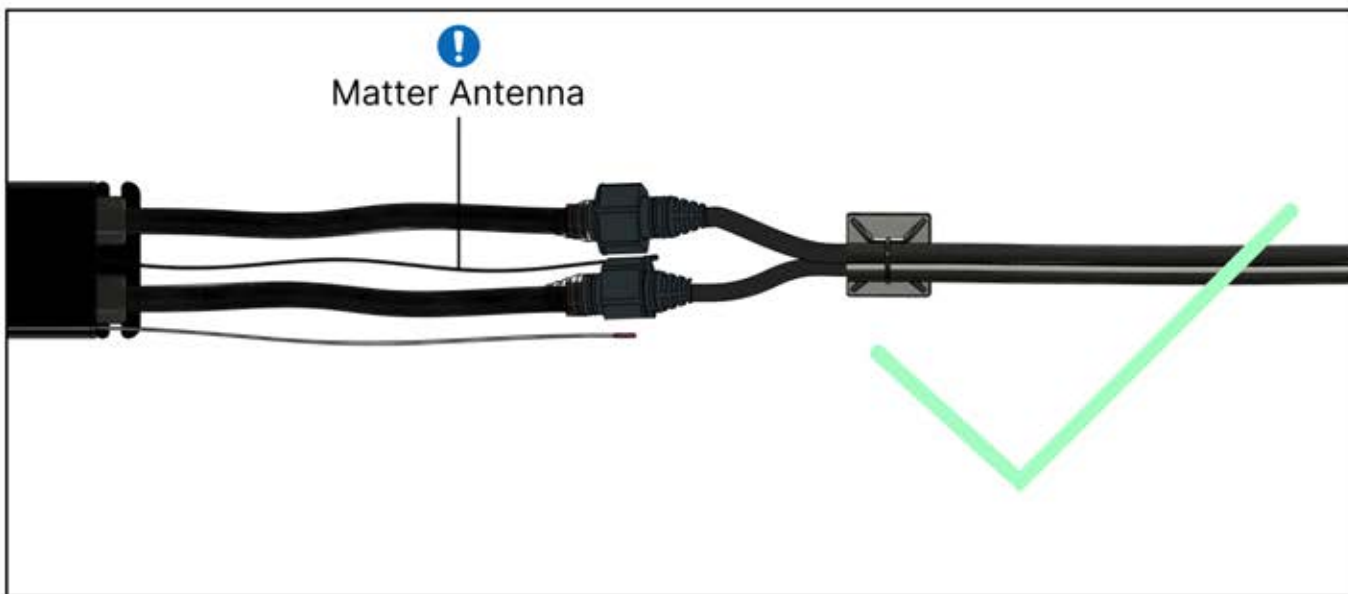
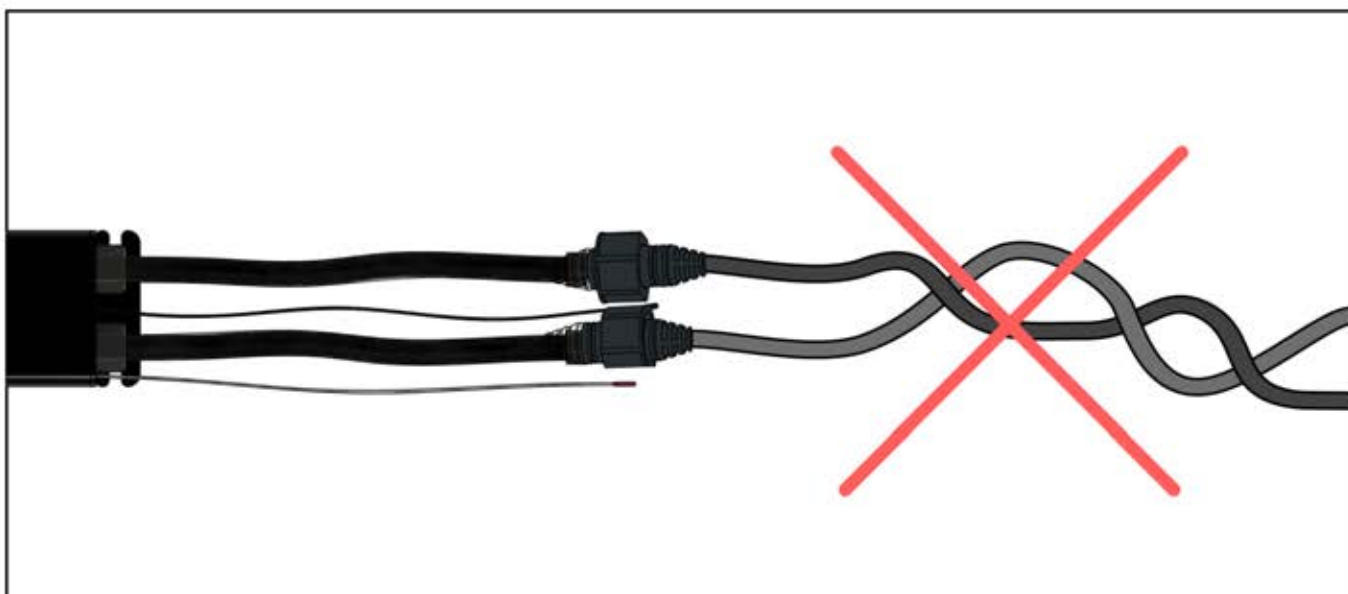
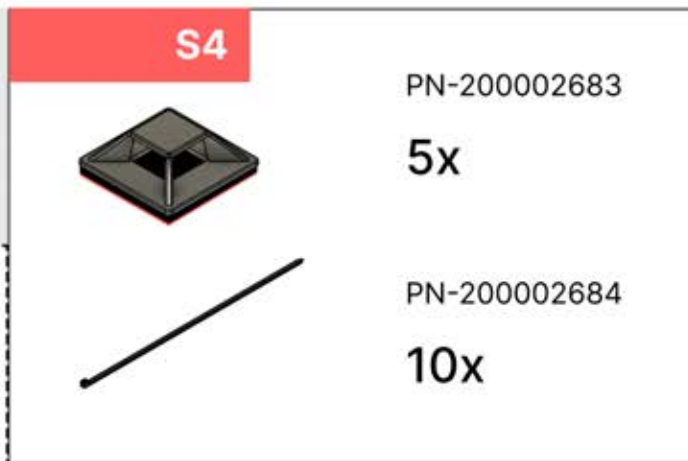
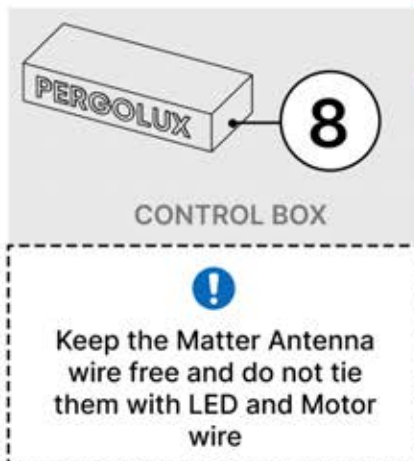
2

It's time to connect the motor and LED lights to the pergola control box.

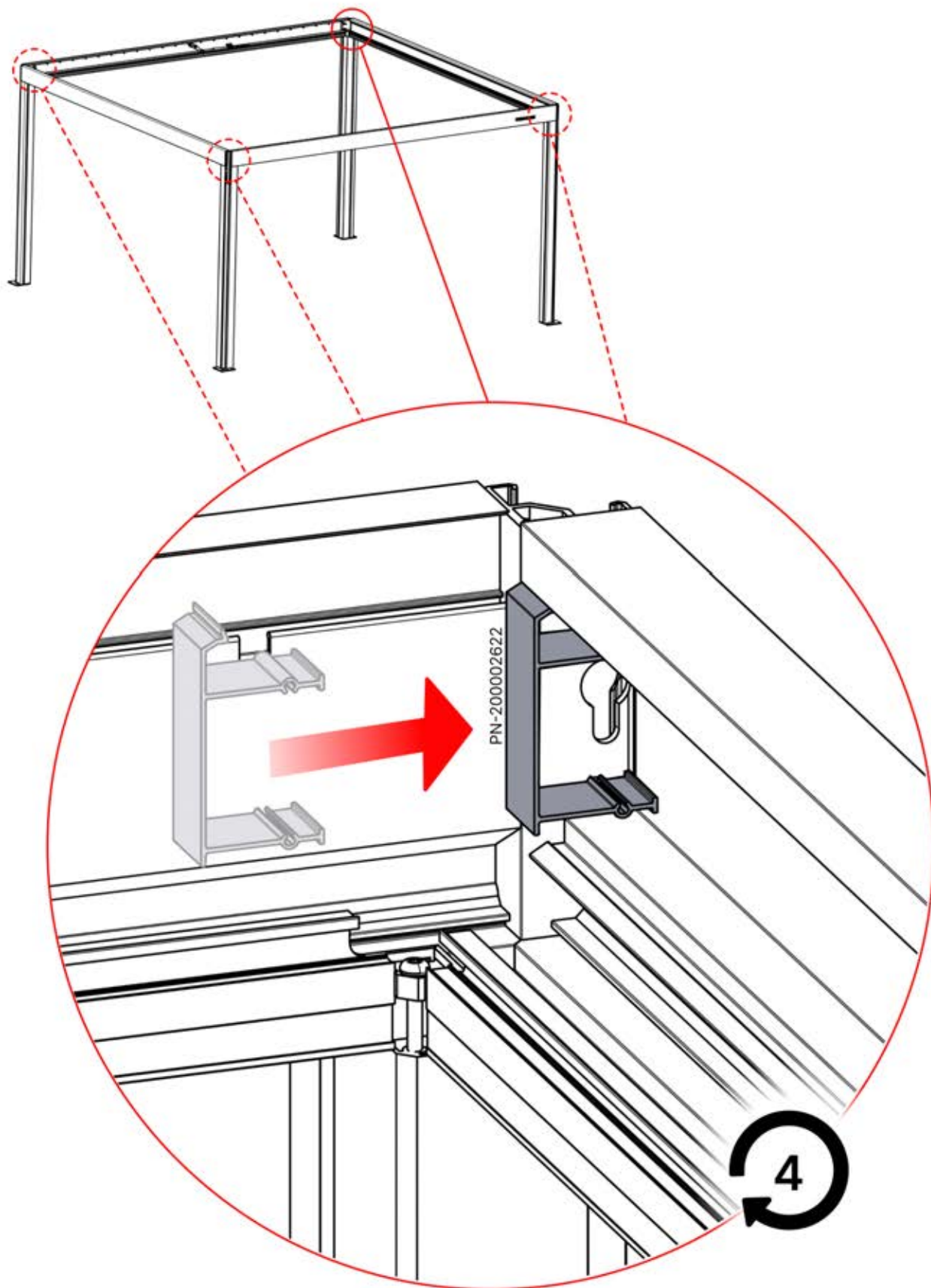
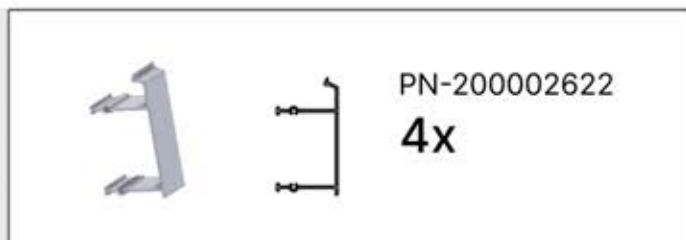
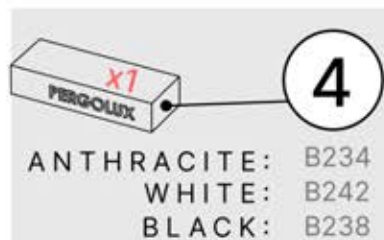
Follow the instruction in the assembly manual.



26



27



28



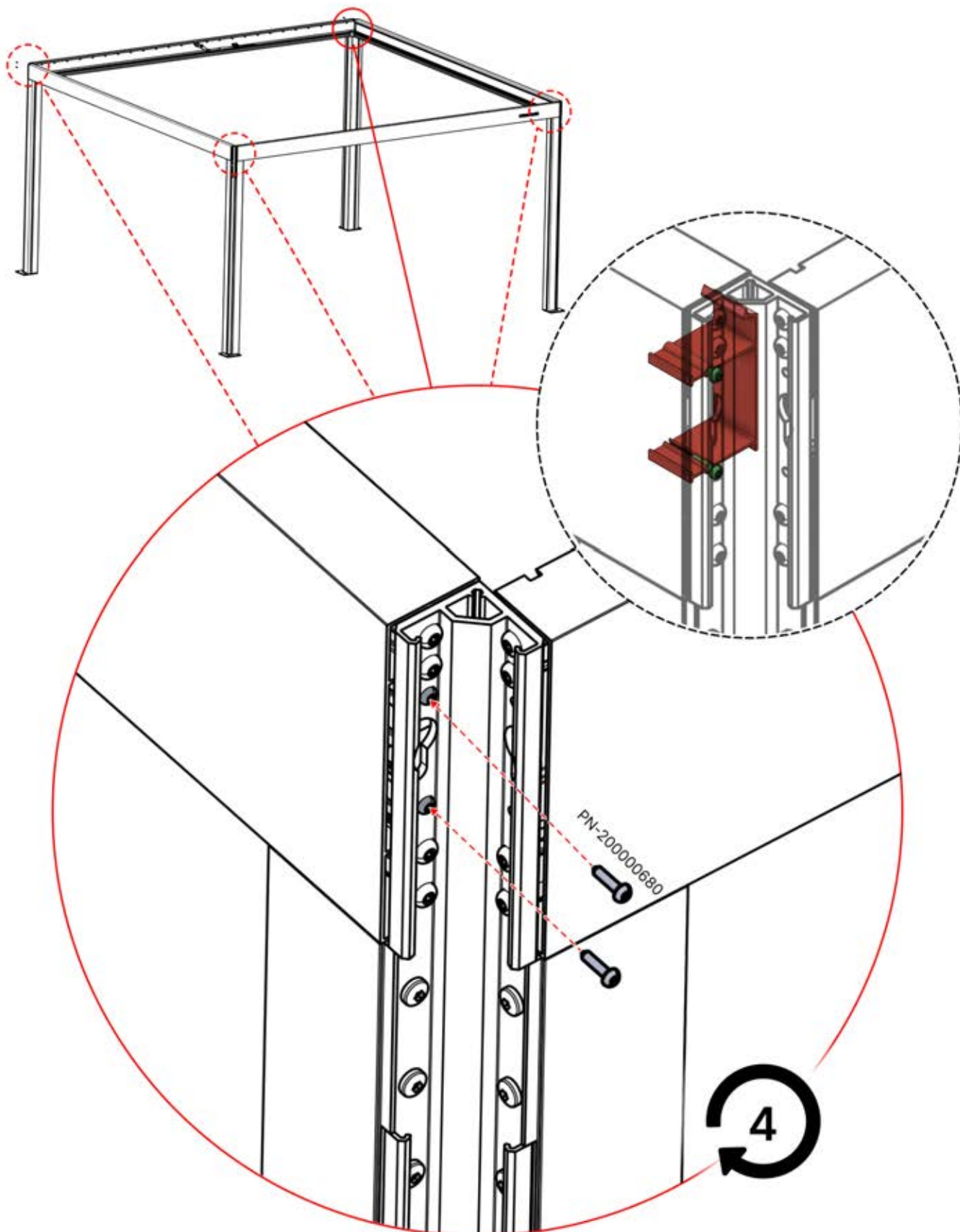
4

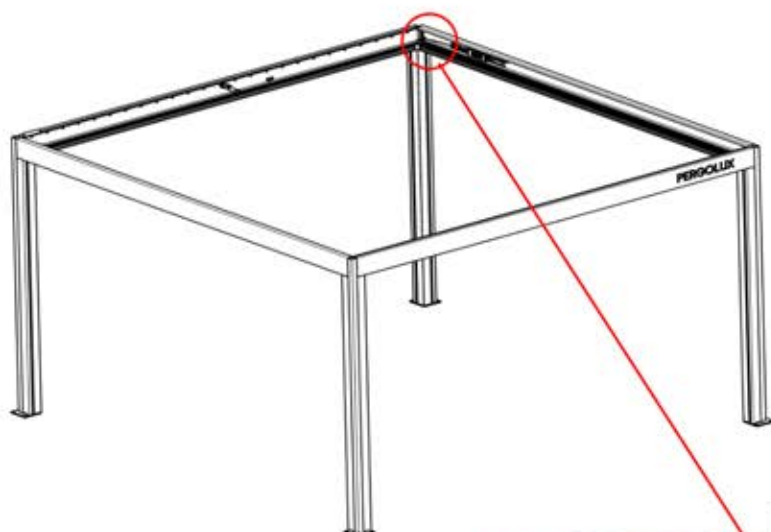
ANTHRACITE: B234
WHITE: B242
BLACK: B238



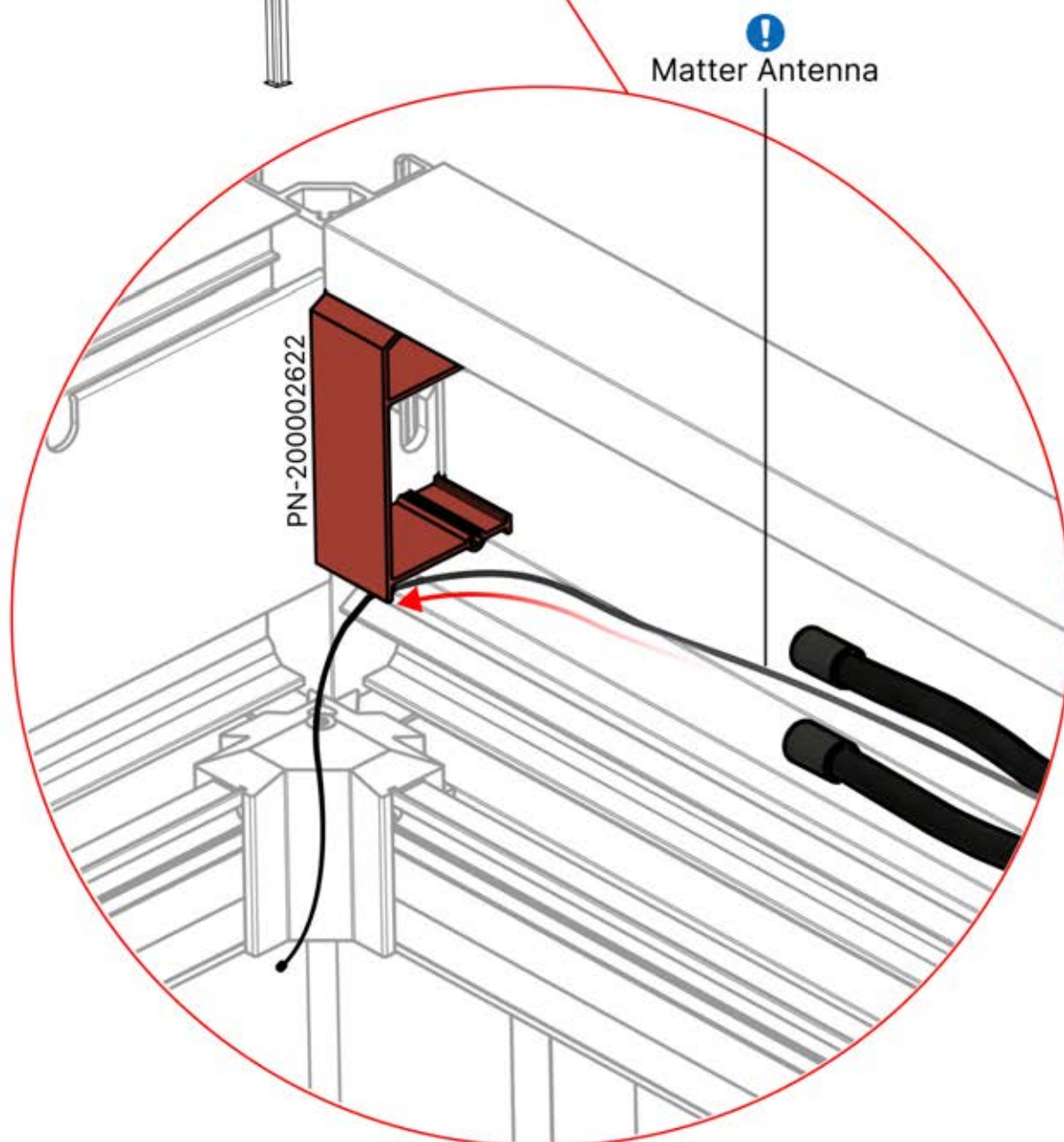
PN-200000680

8x

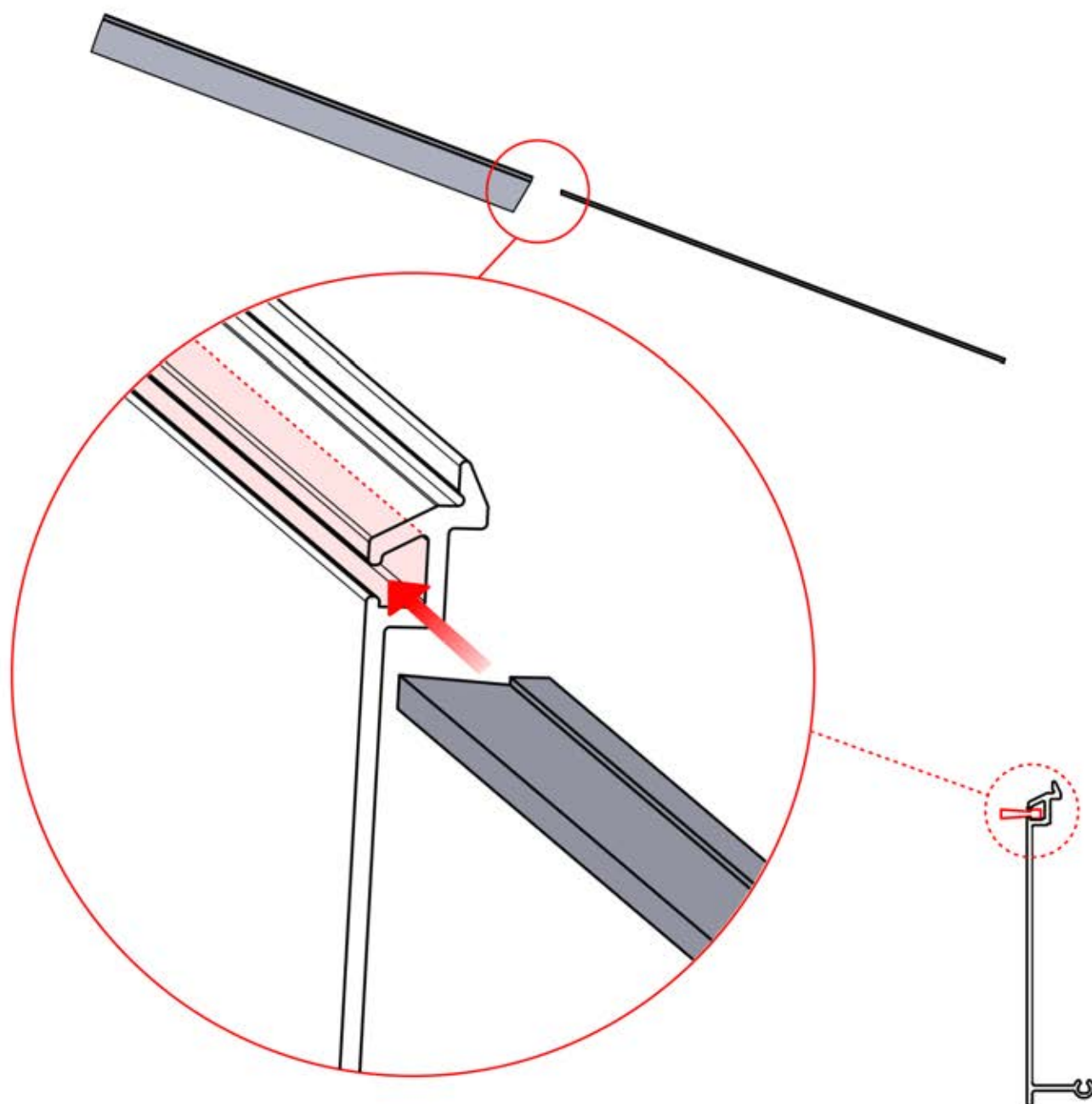
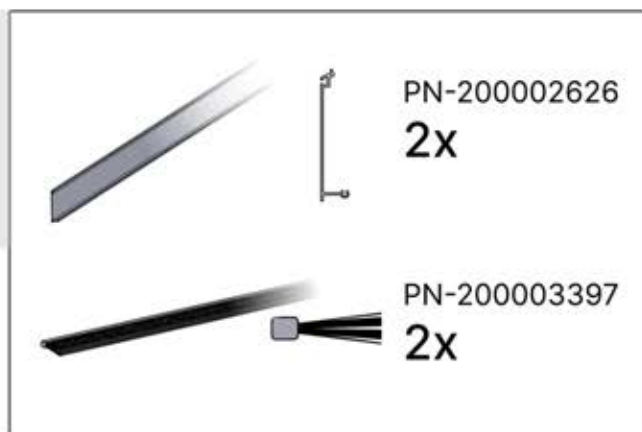
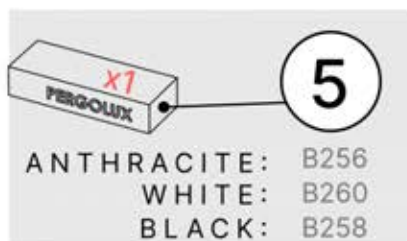




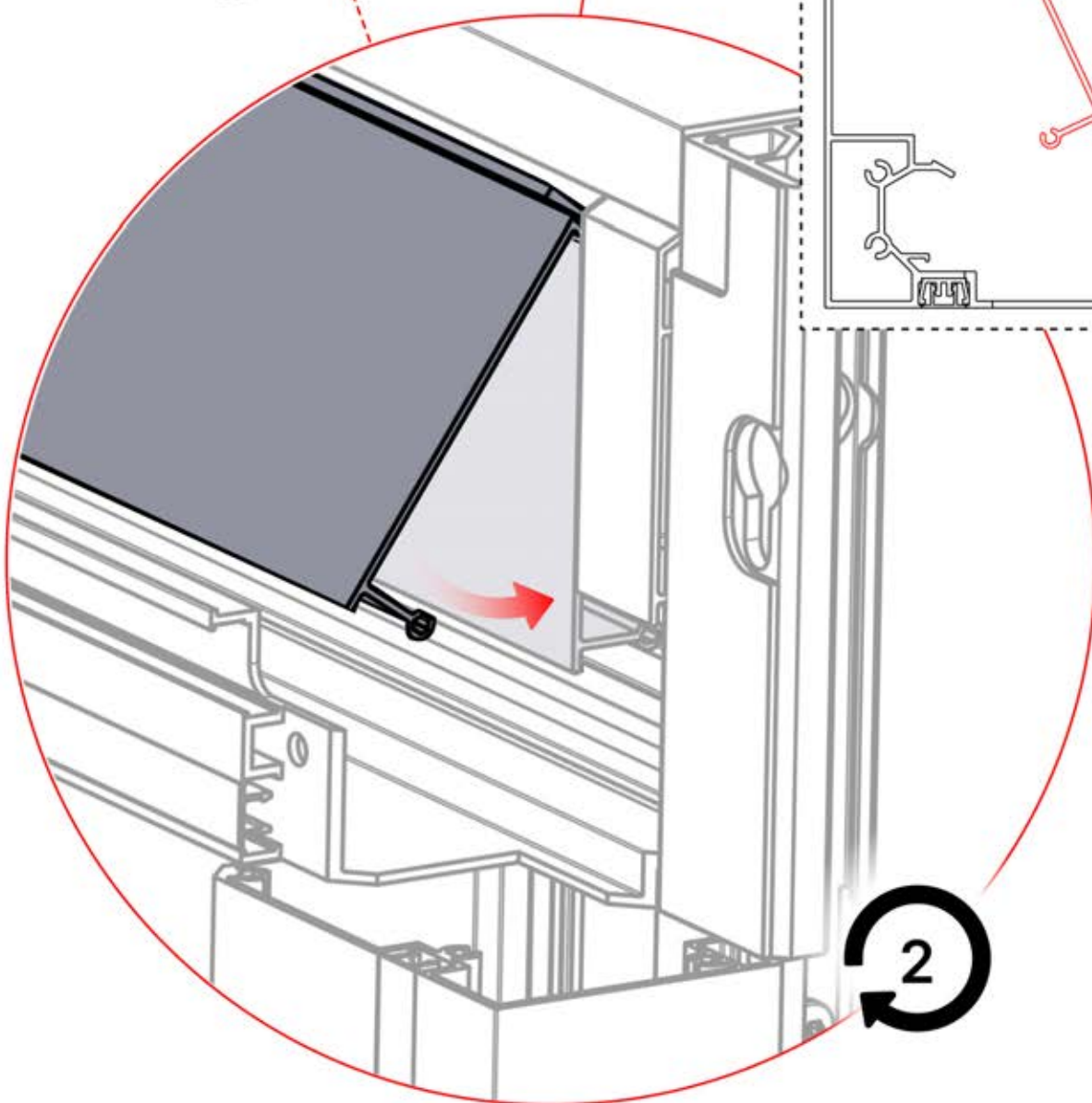
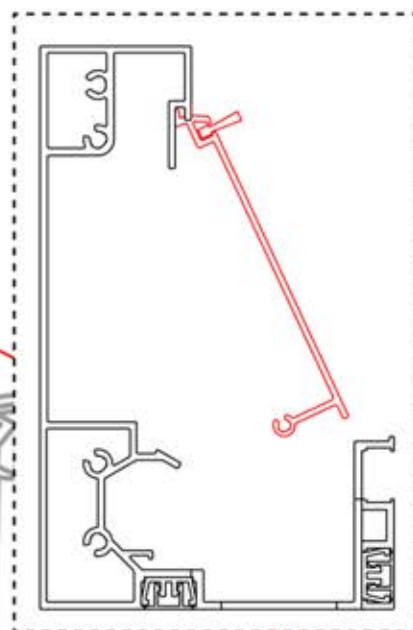
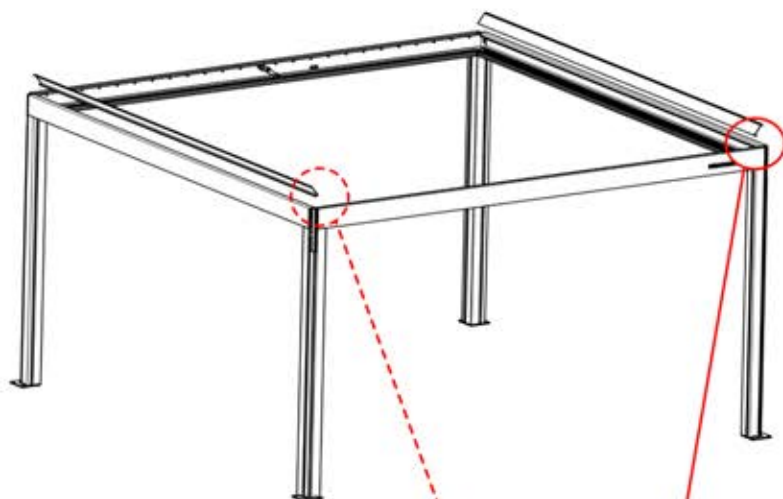
!
Route the Matter
Antenna and place it
below the highlighted
part(PN-200002622).



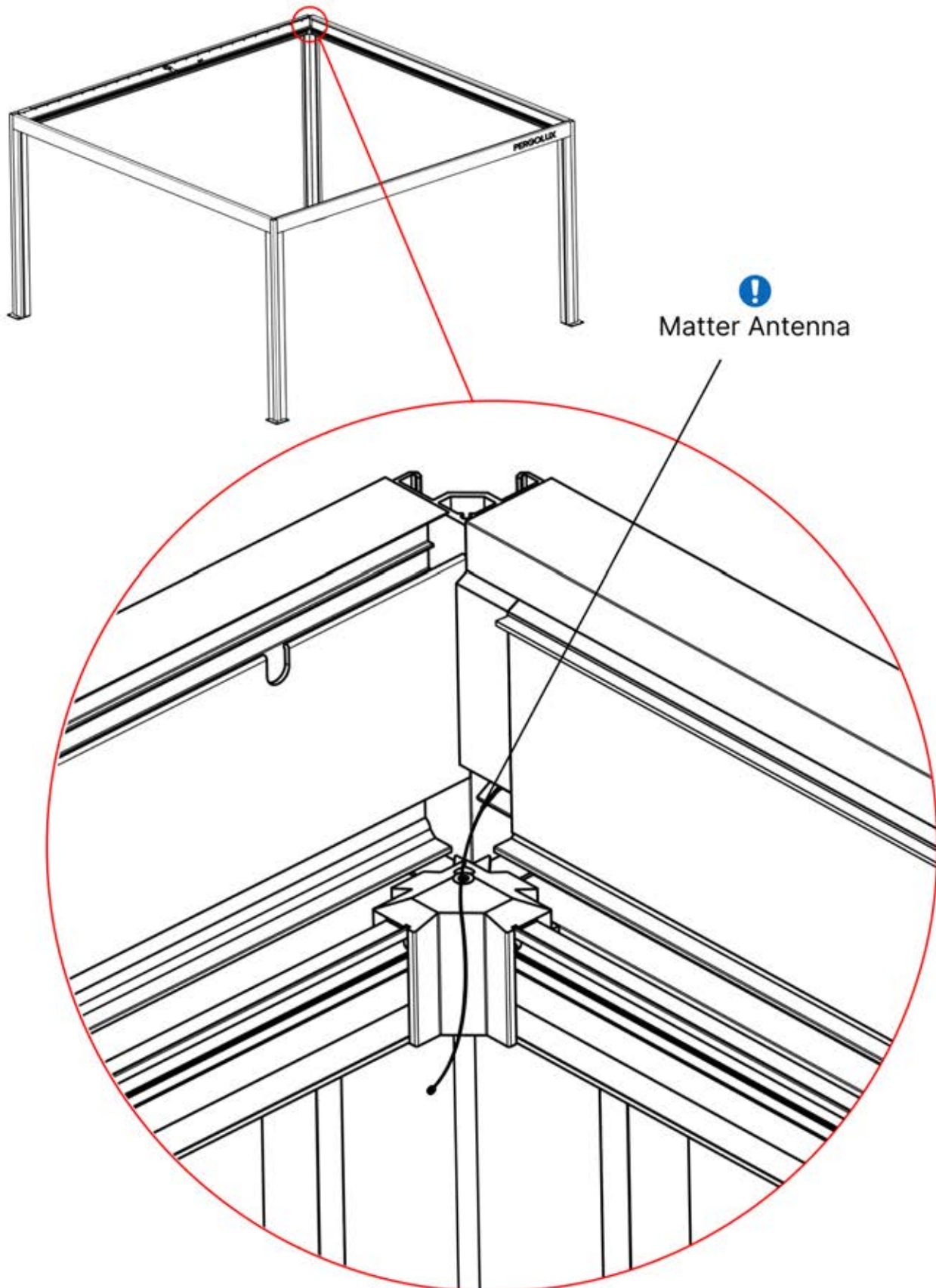
30



31



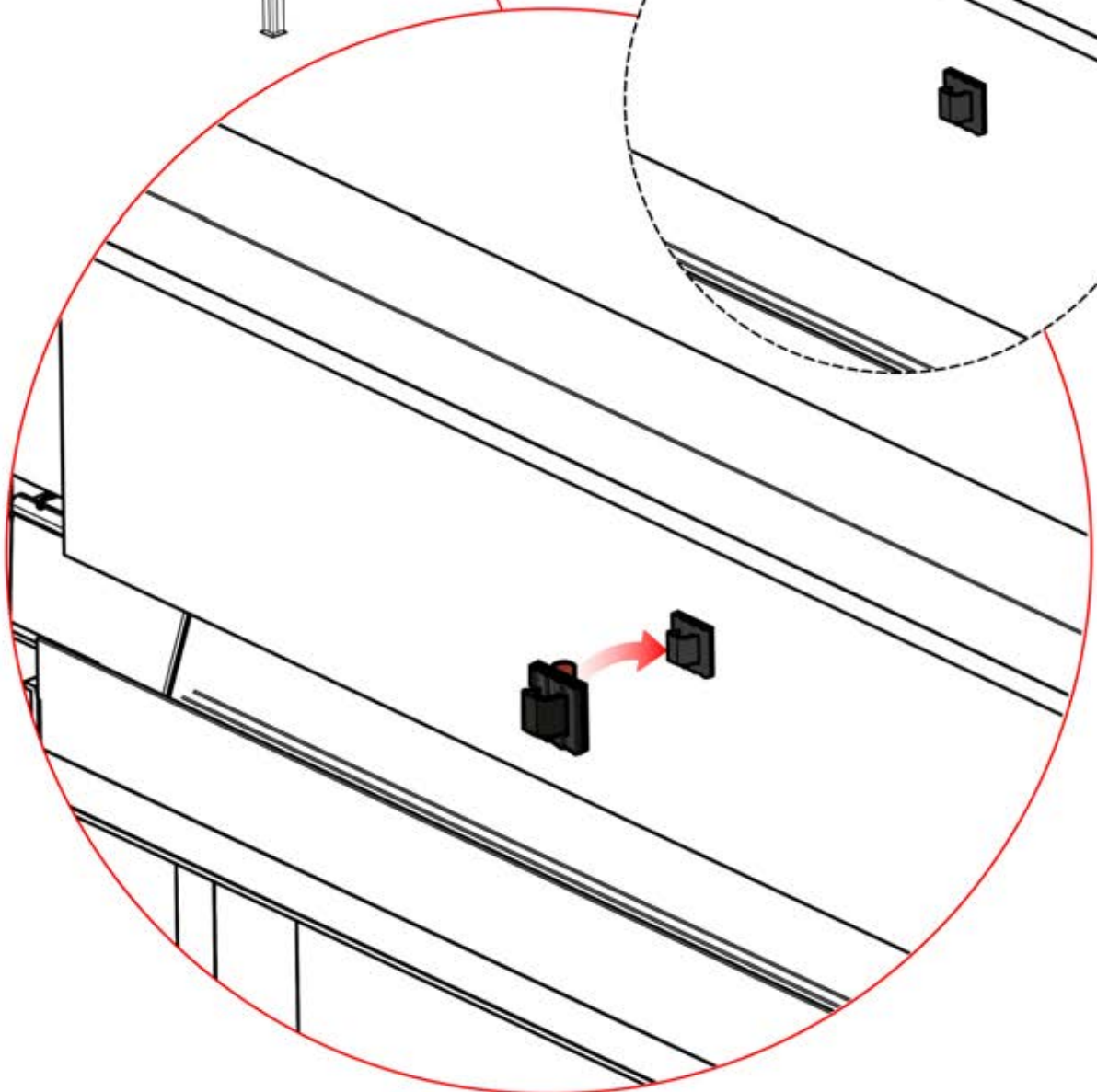
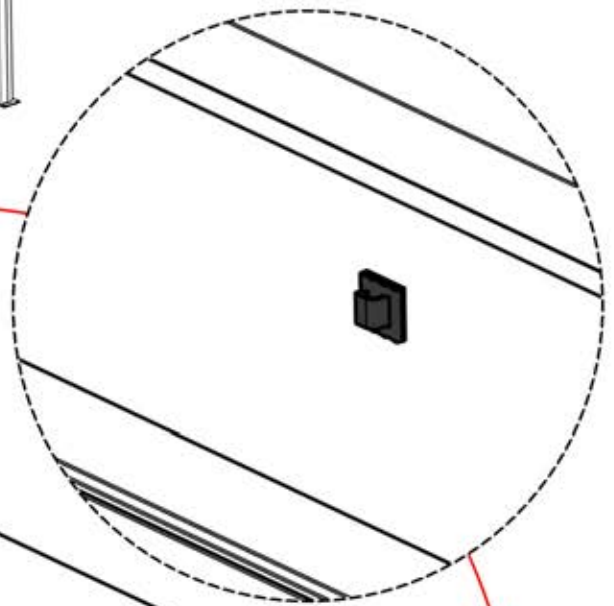
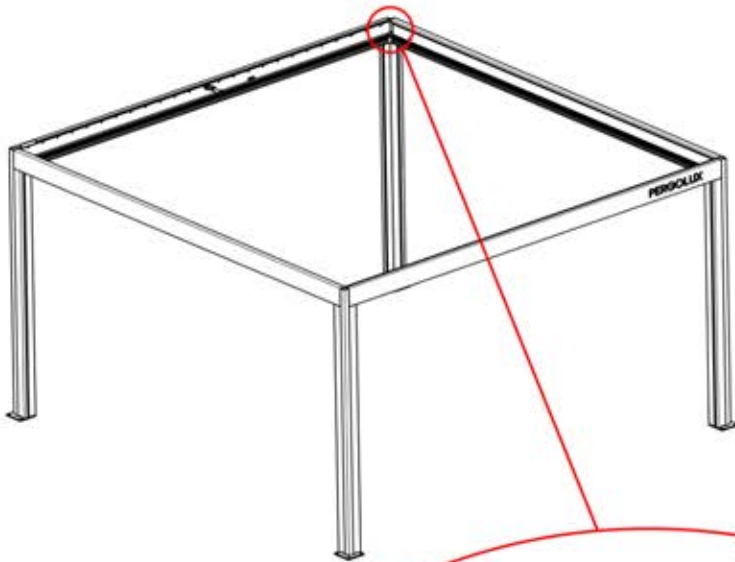
INFORMATION



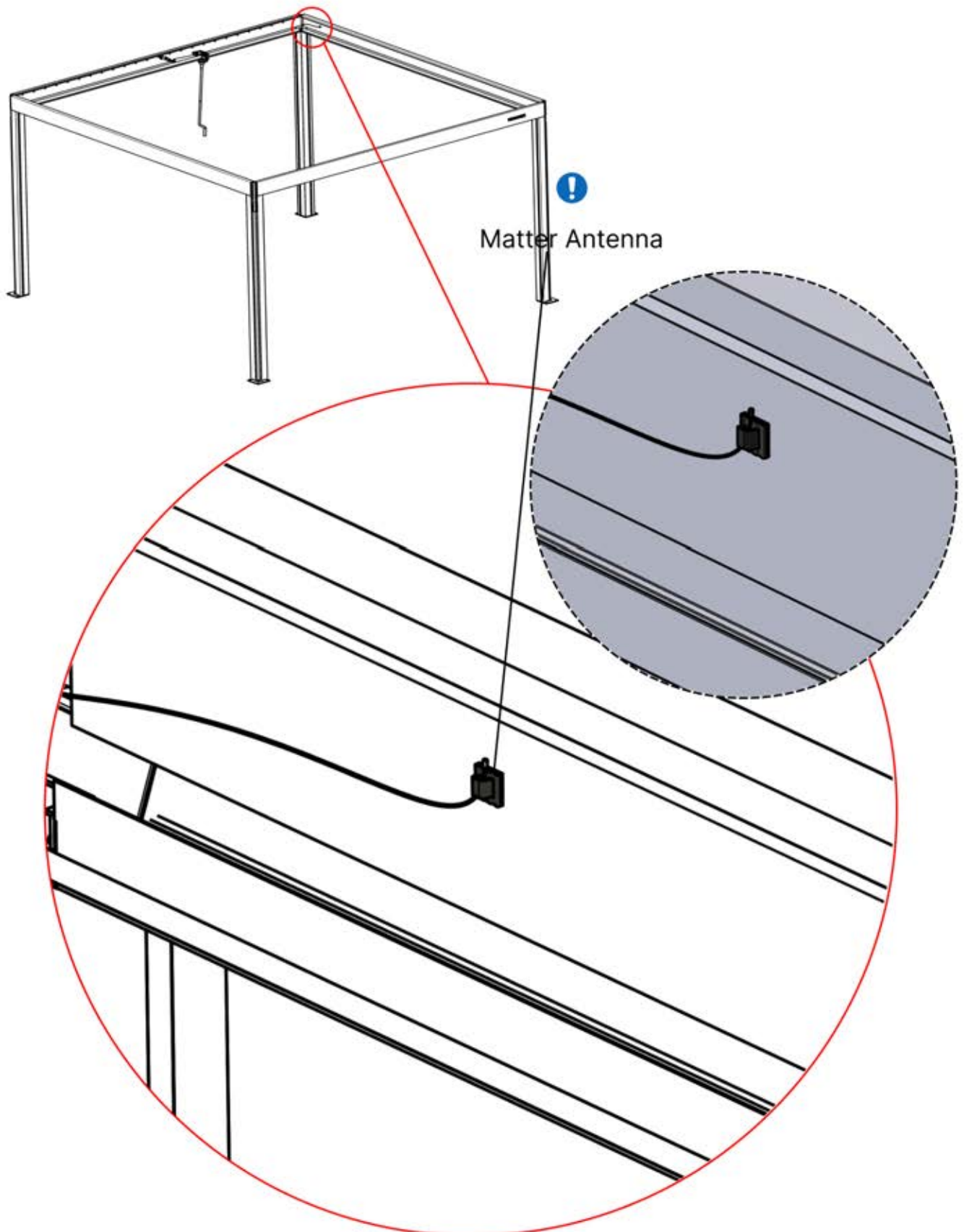
32



Matter Antenna
1x



33

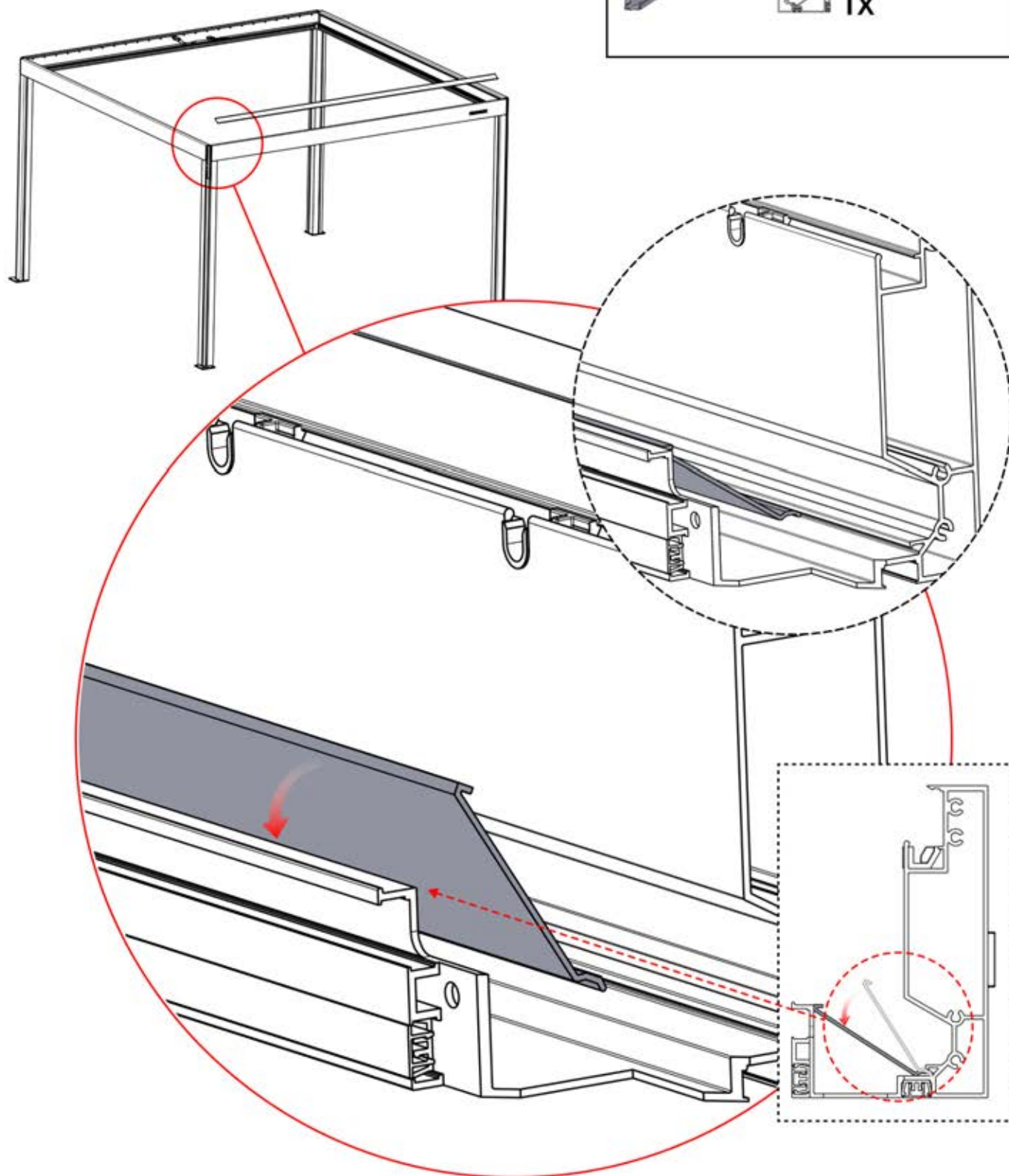
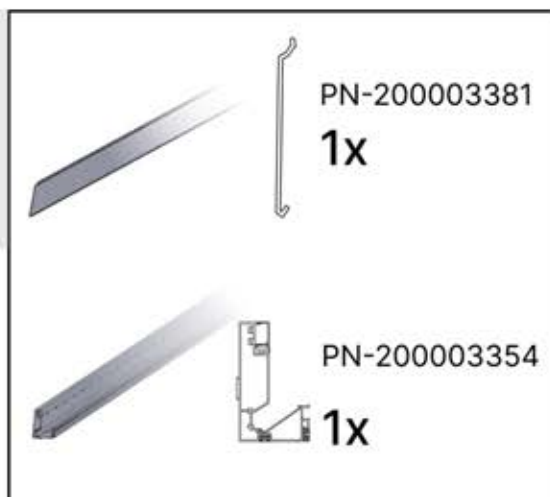


34



4

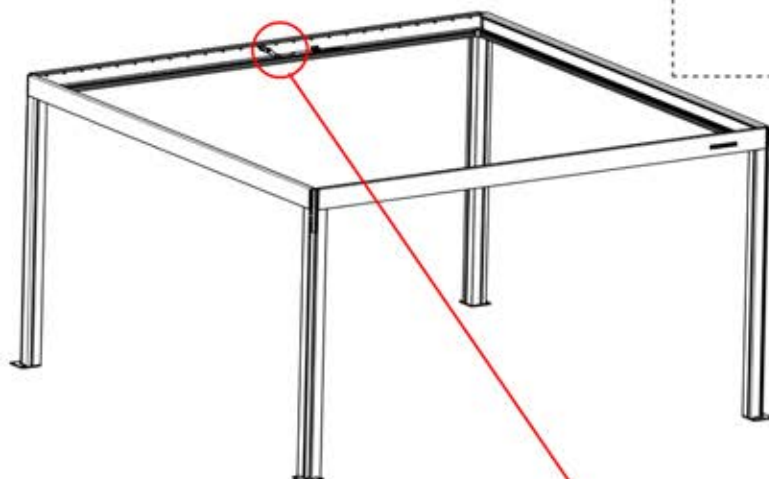
ANTHRACITE: B234
WHITE: B242
BLACK: B238



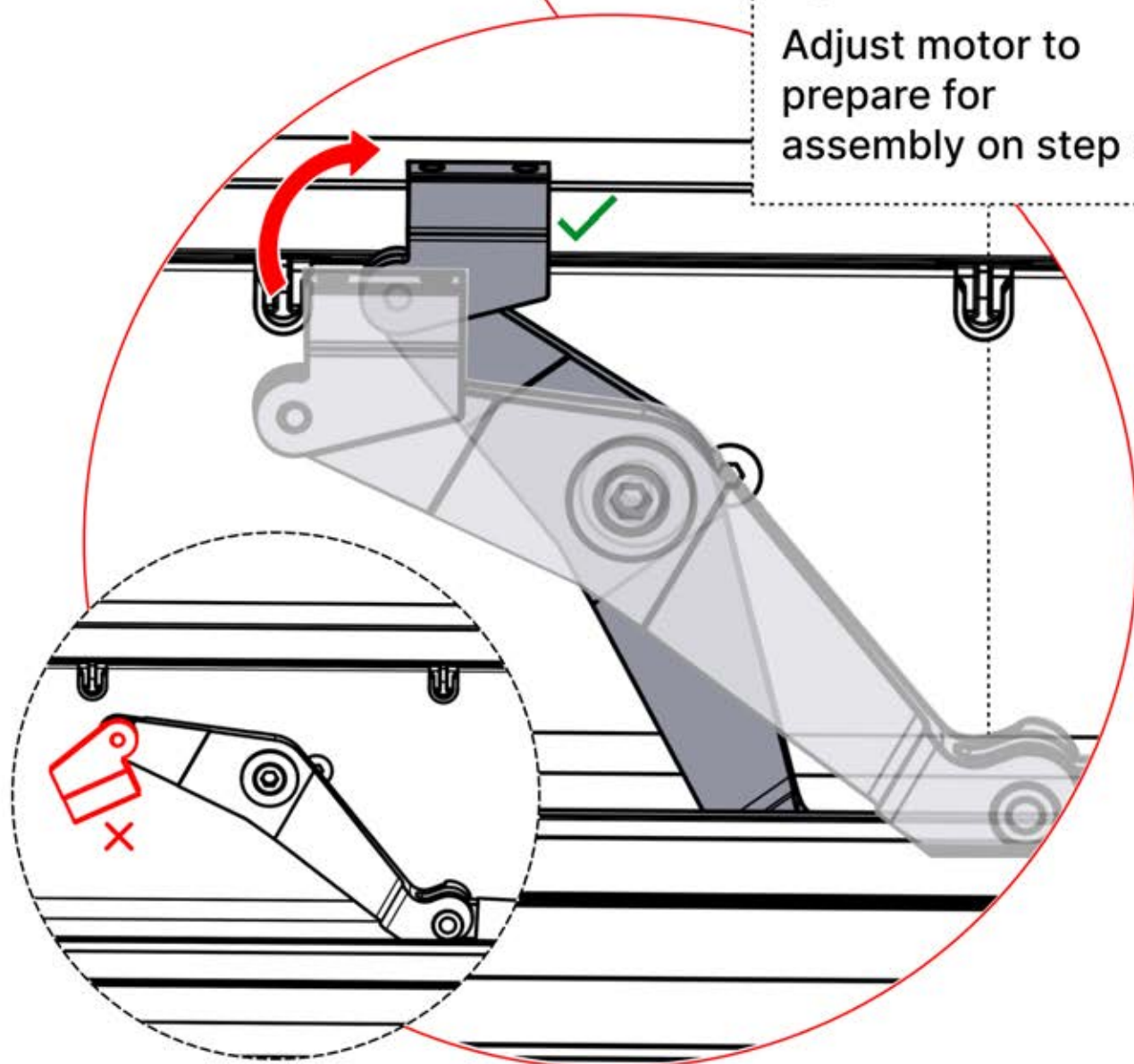
35



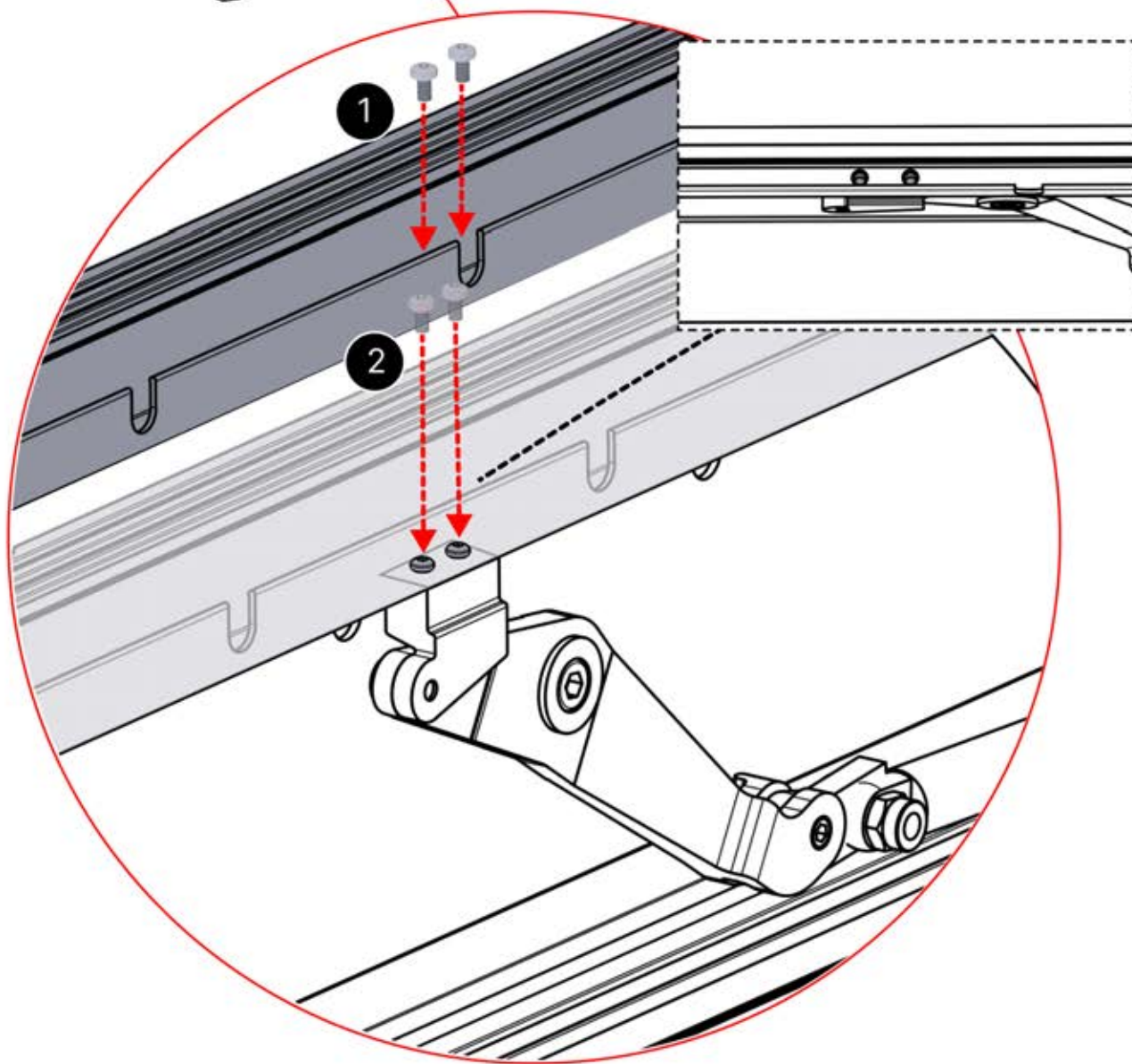
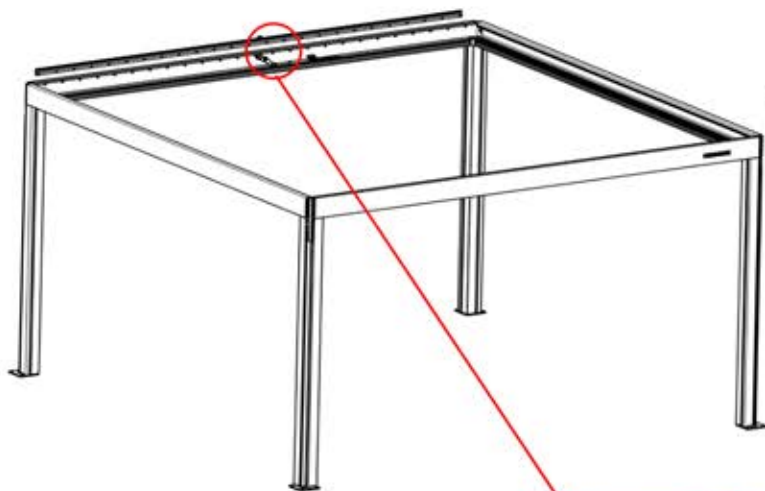
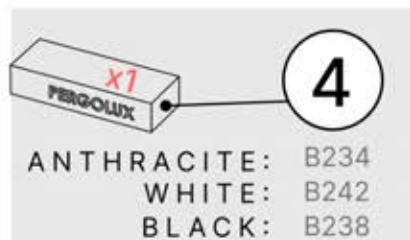
Remote
Controller



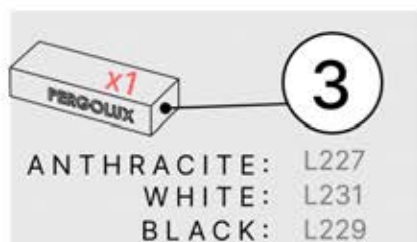
Adjust motor to
prepare for
assembly on step 36



36



ITEMS IN BOX

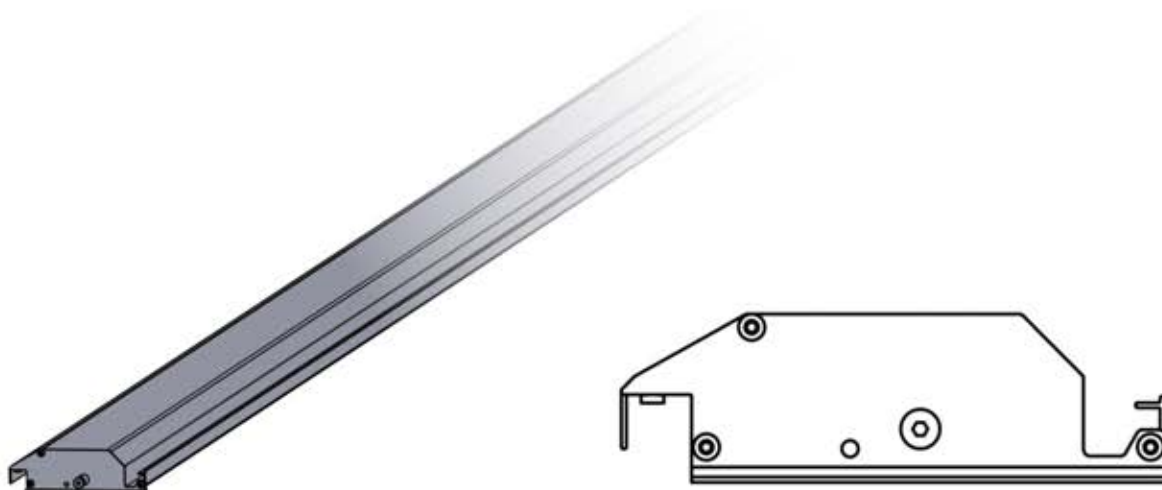


ANTHRACITE: L227
WHITE: L231
BLACK: L229

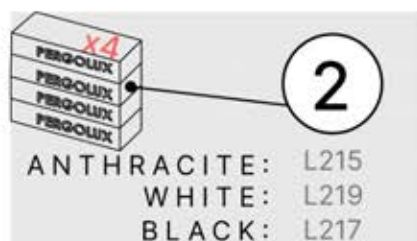
PLR 150 G2 PRO LOUVER END FS 4M
PACKAGE

PN-200002645

1x



Standard



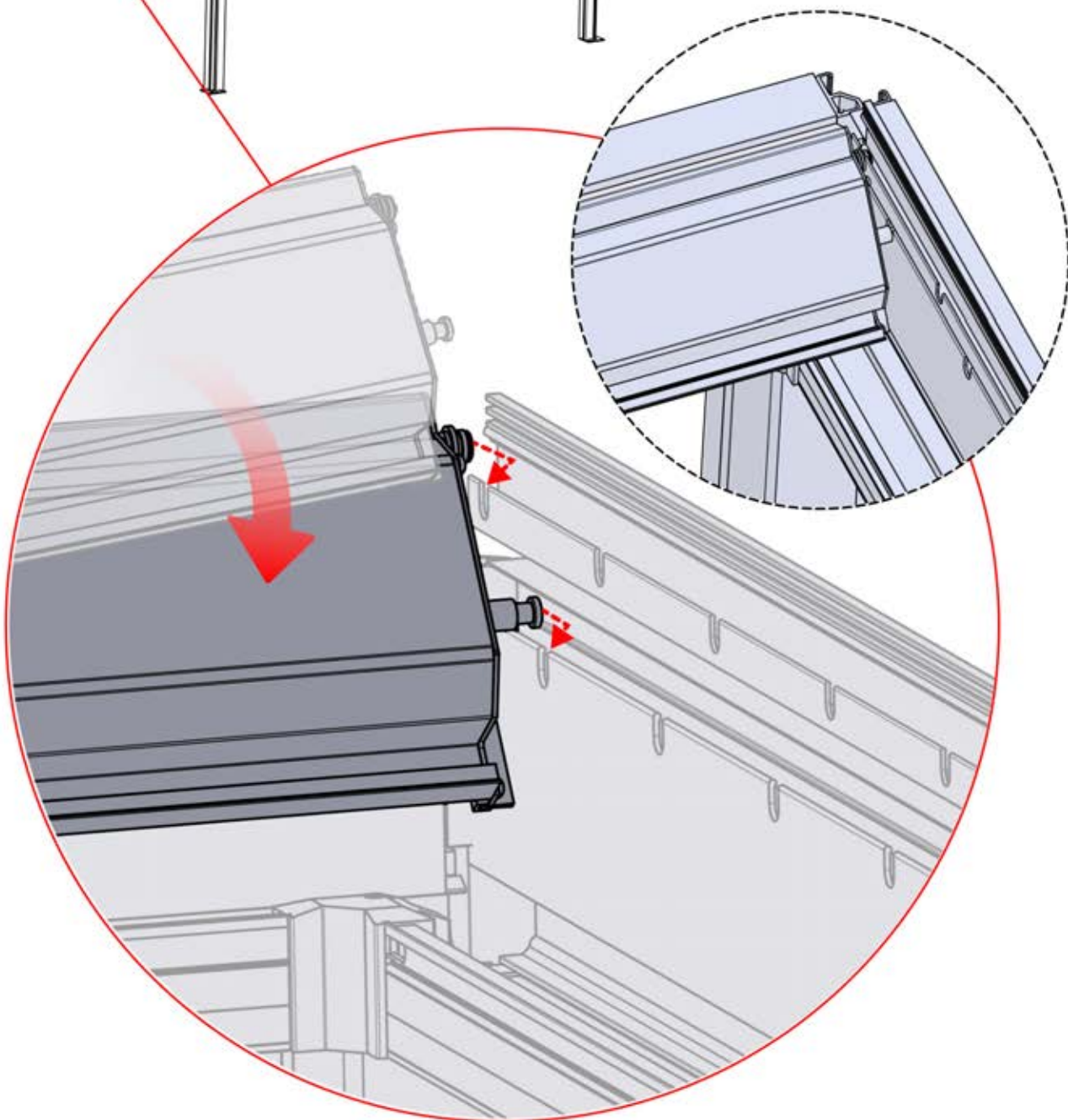
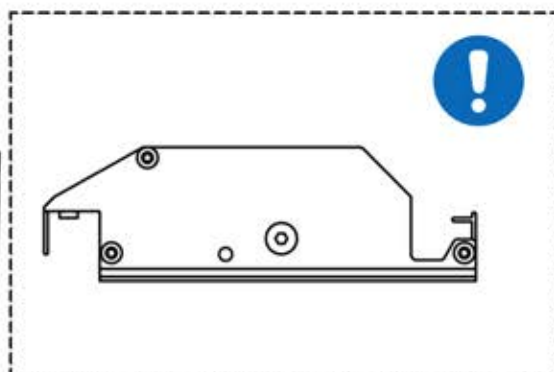
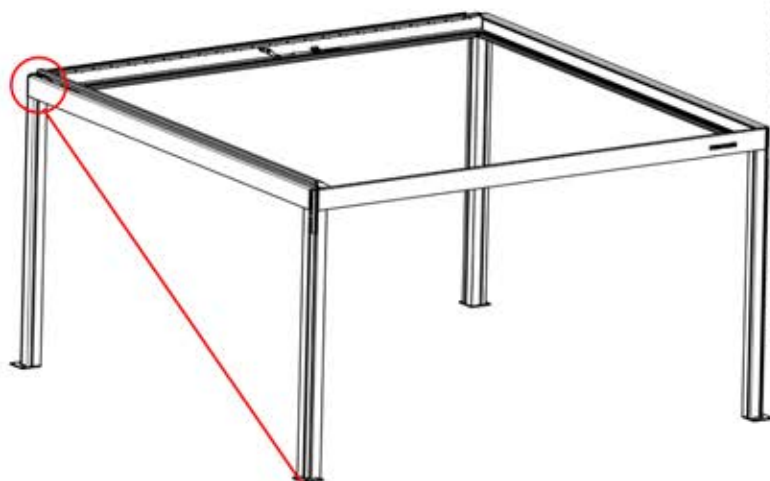
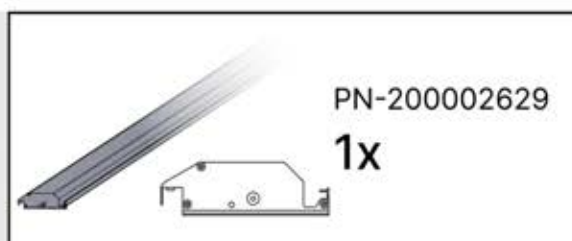
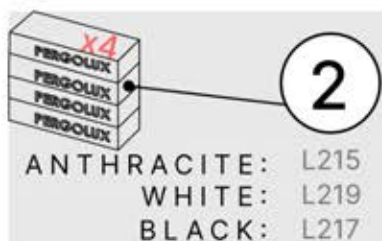
ANTHRACITE: L215
WHITE: L219
BLACK: L217

PLR 150 G2 PRO LOUVER STD FS 4M
PACKAGE

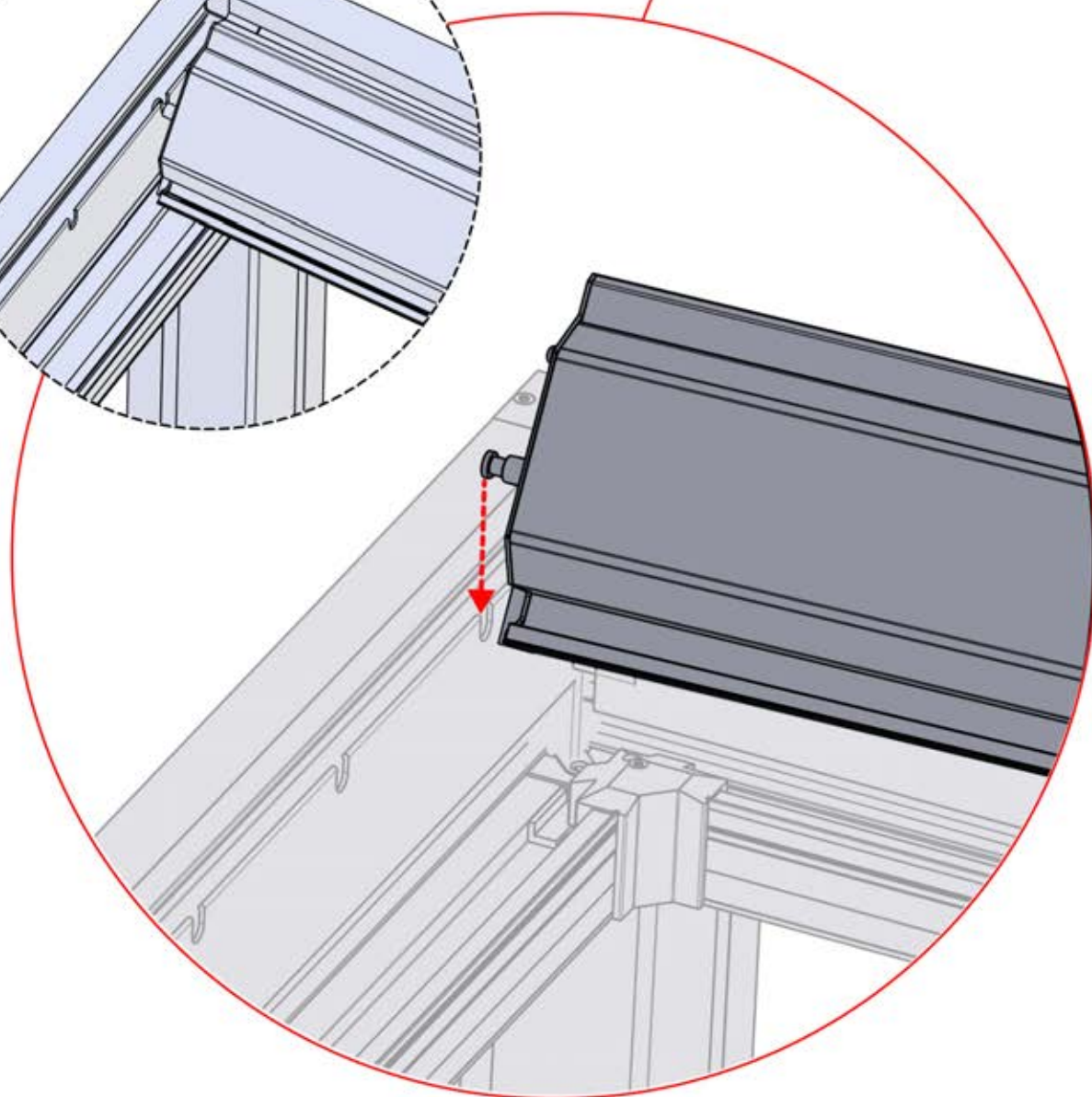
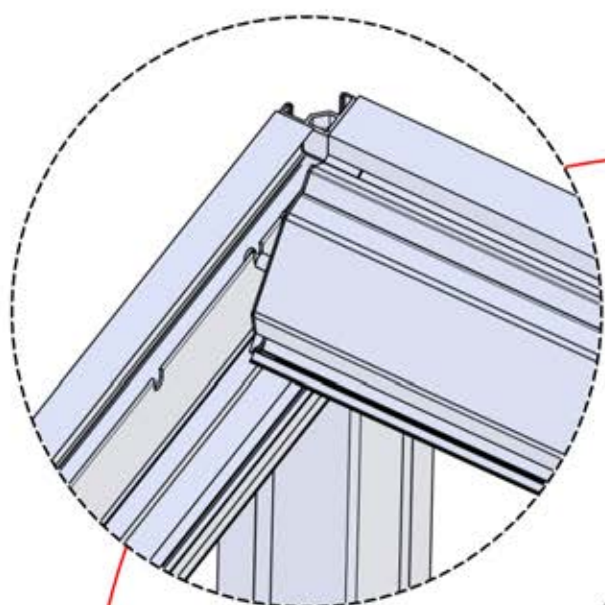
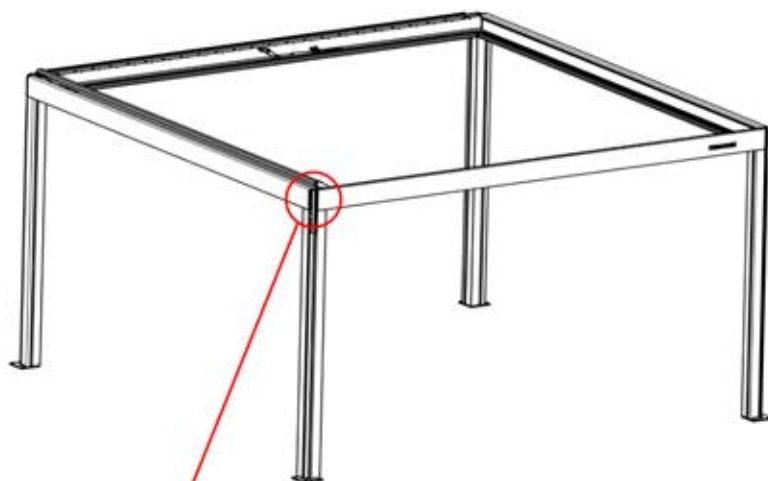
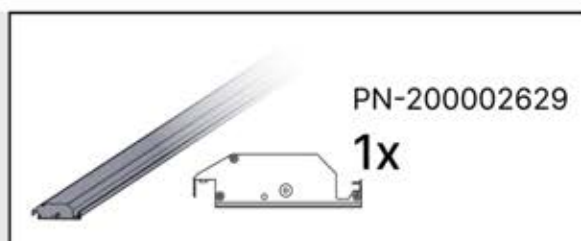
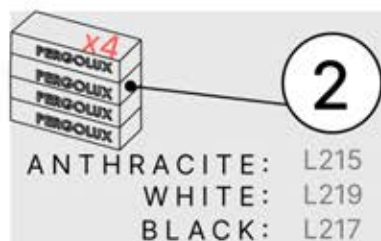
PN-200002629

30x

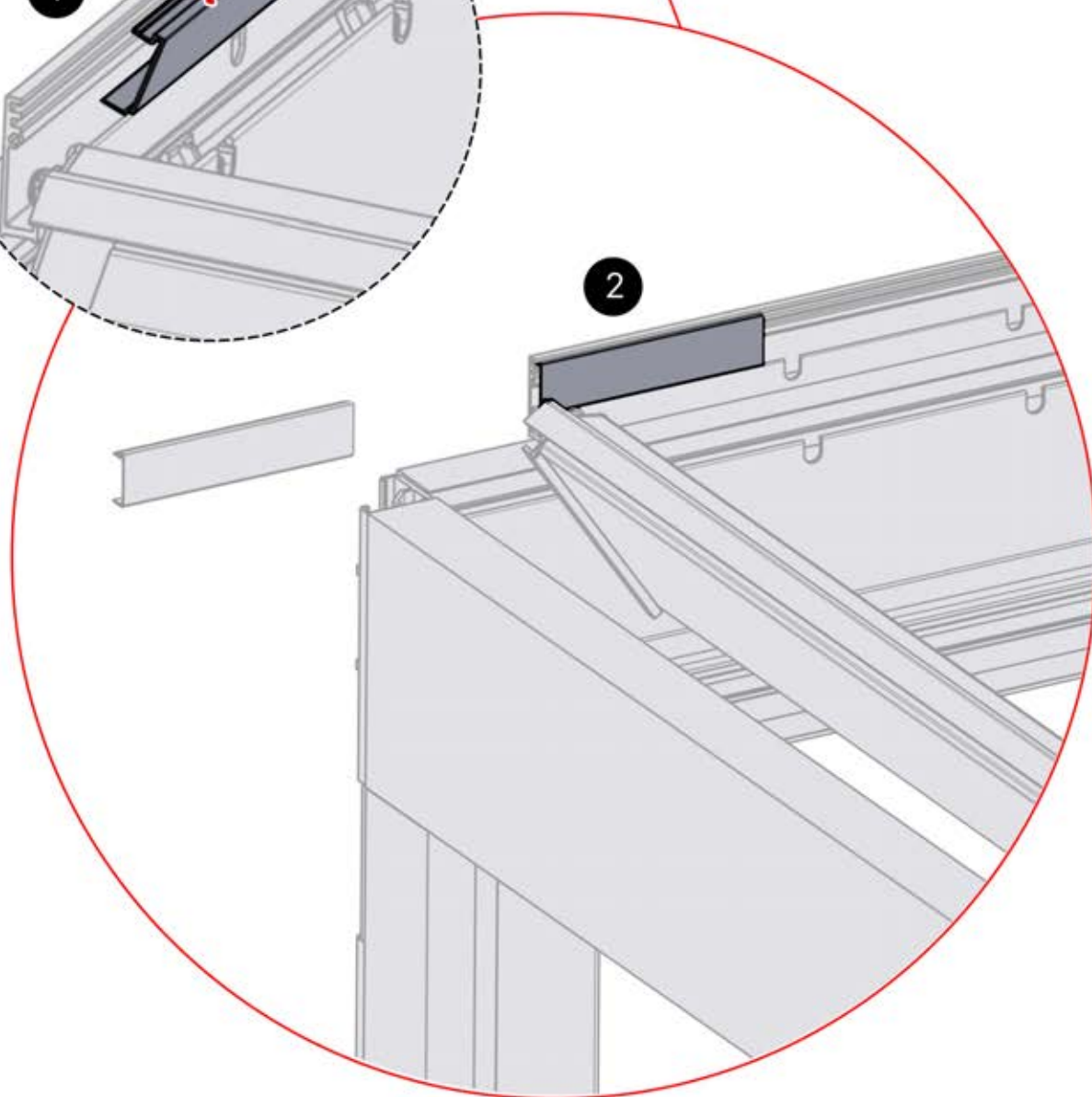
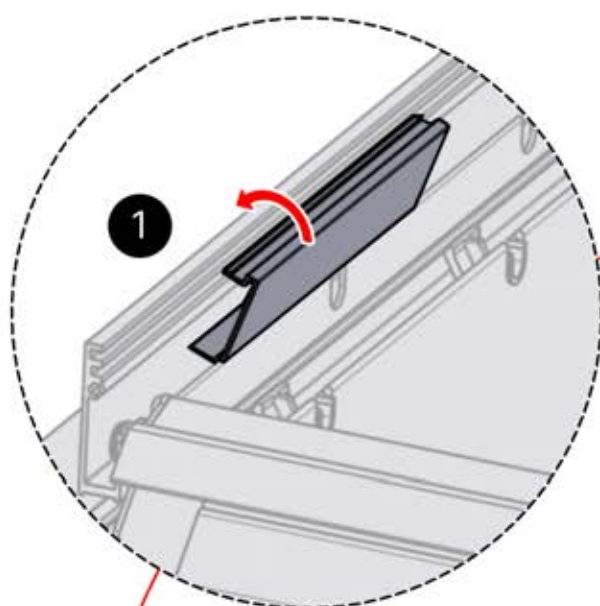
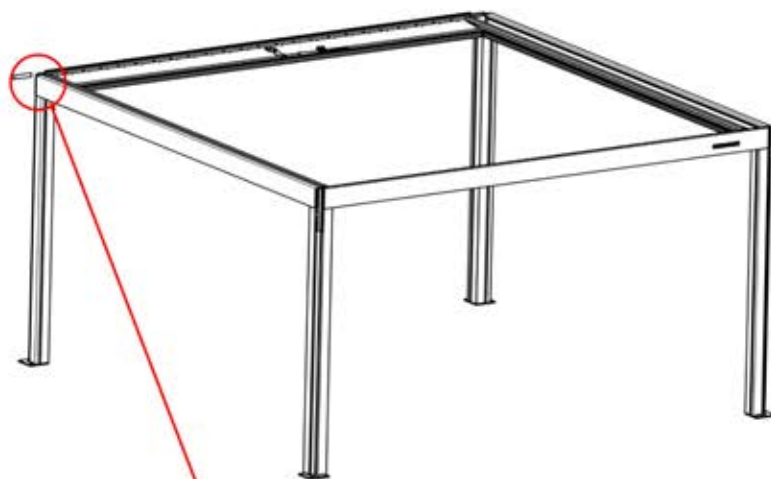
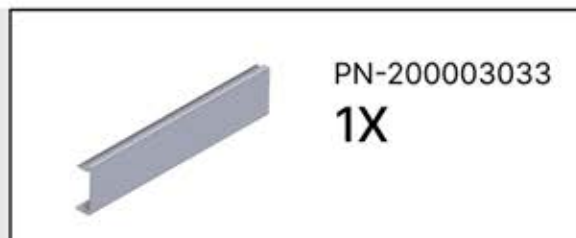
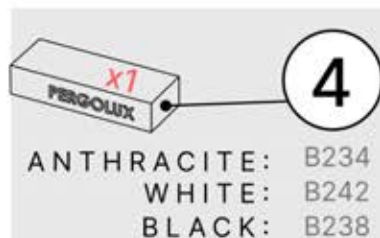
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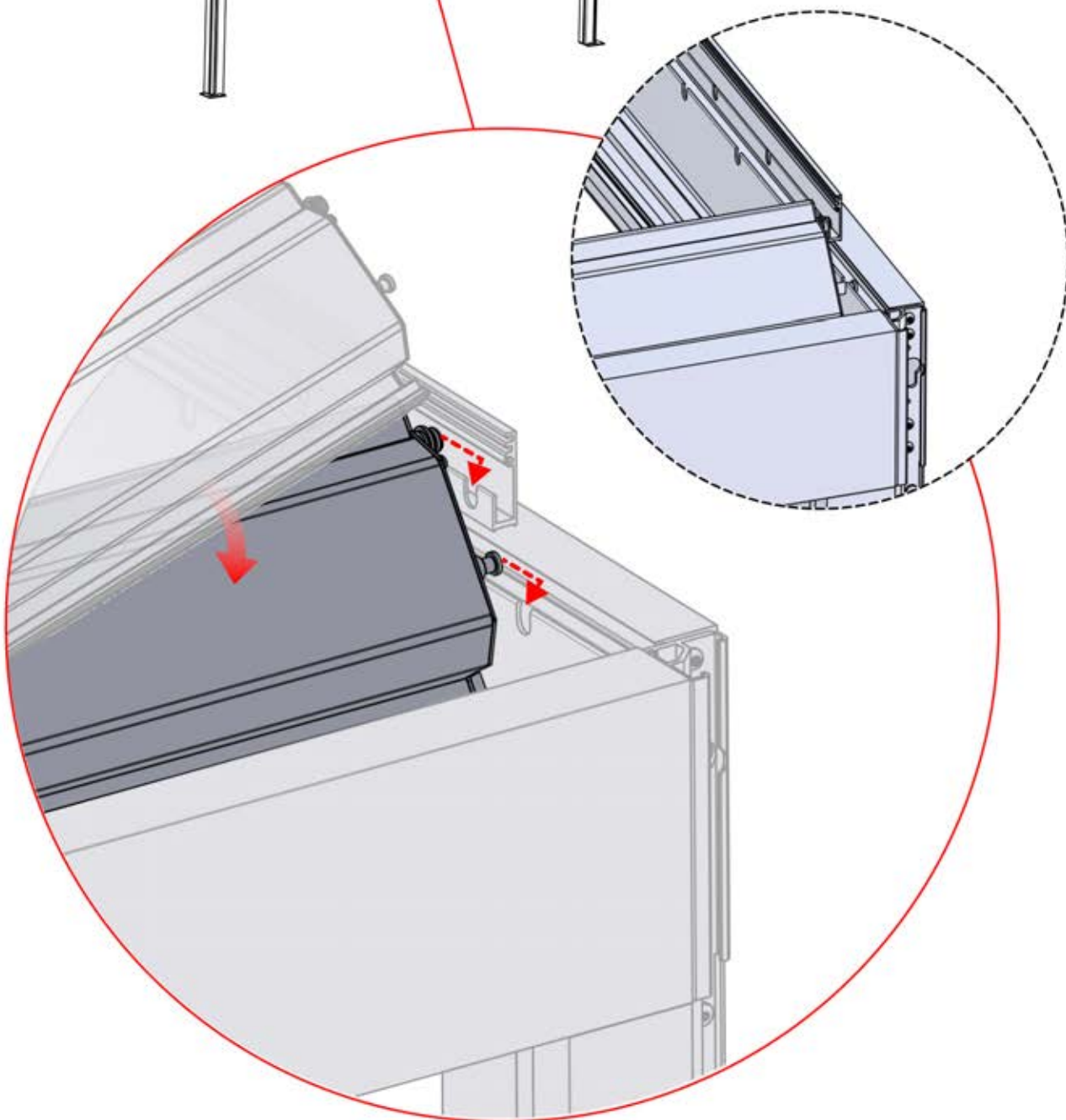
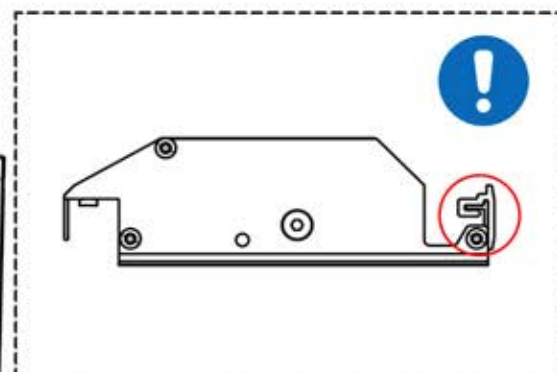
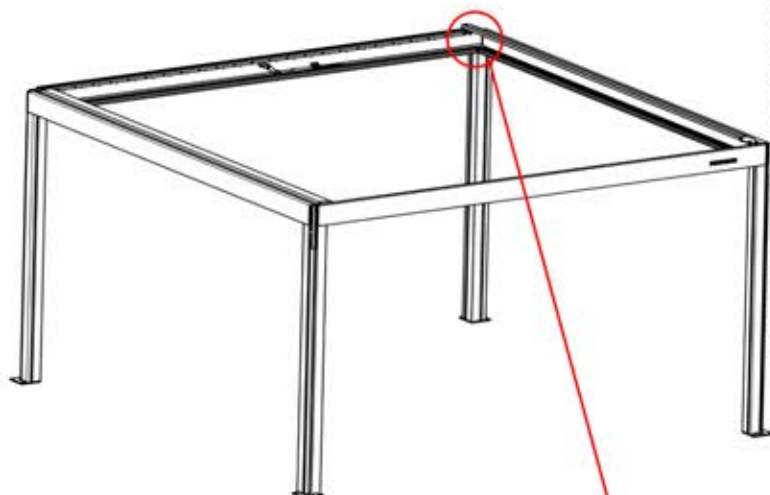
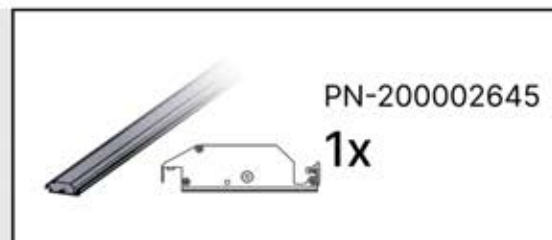
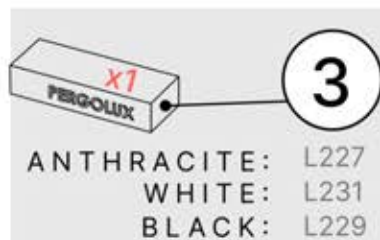
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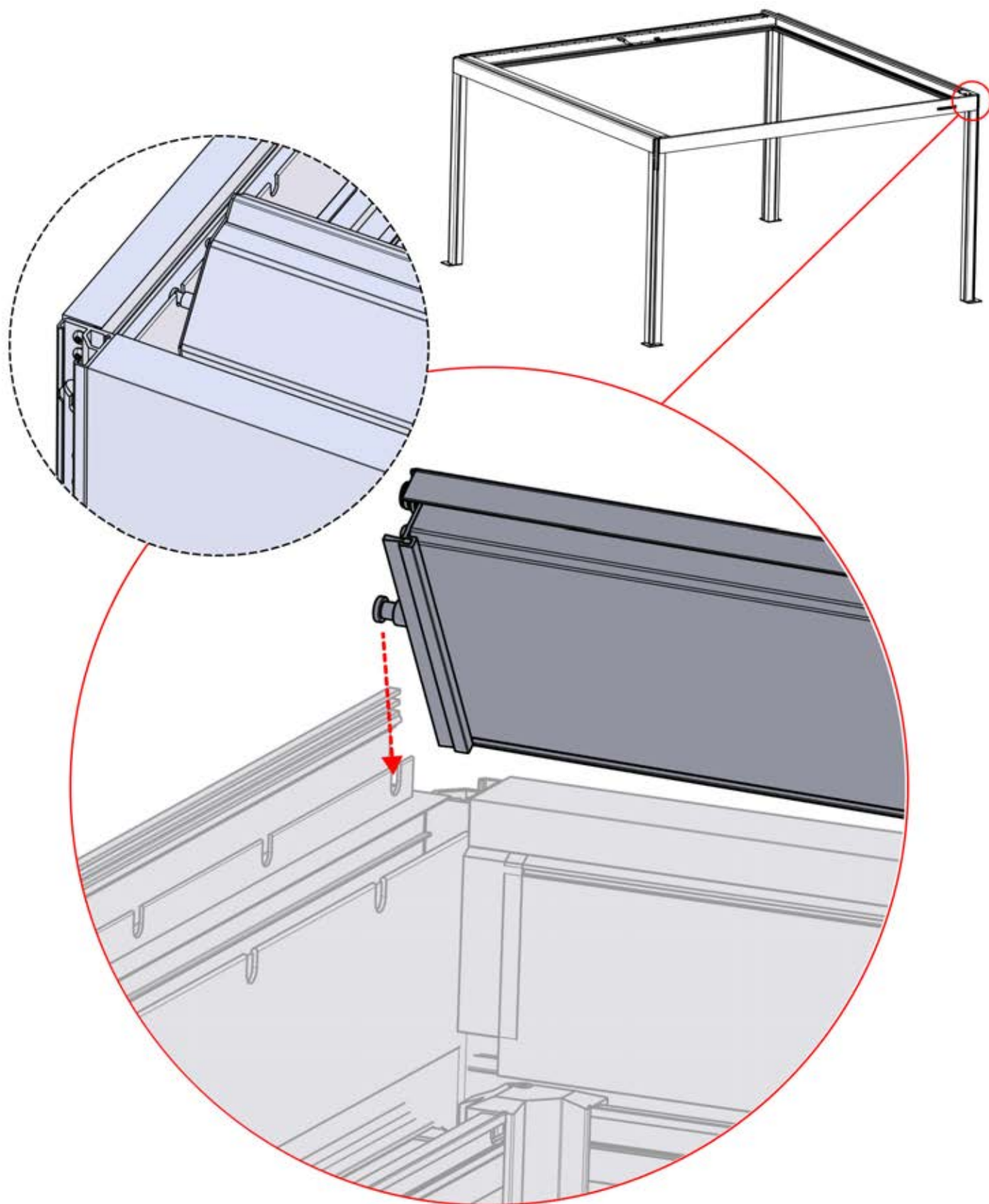
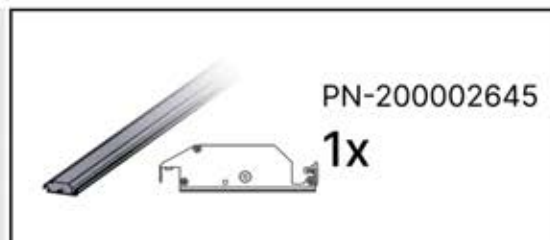
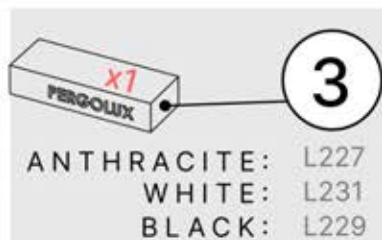
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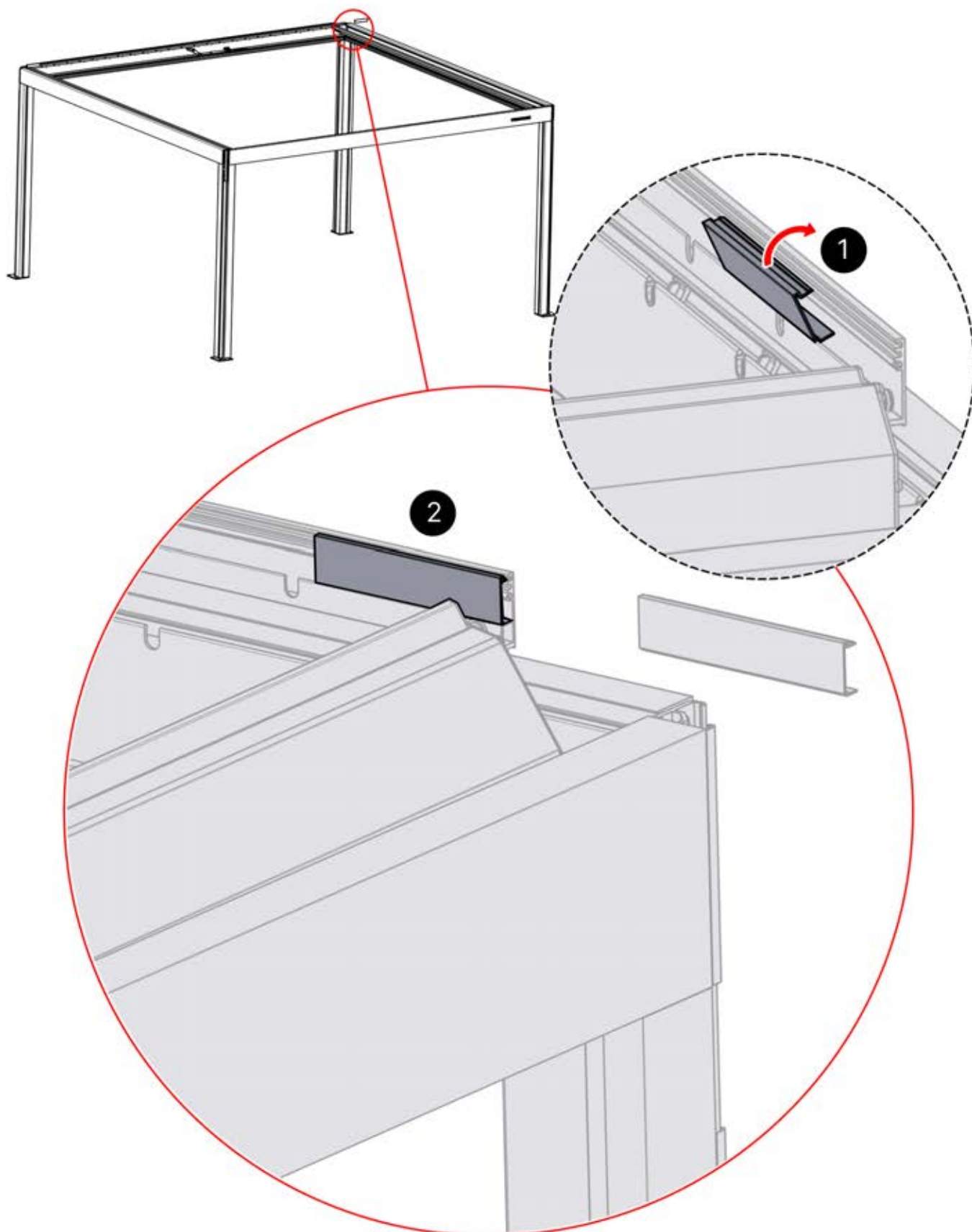
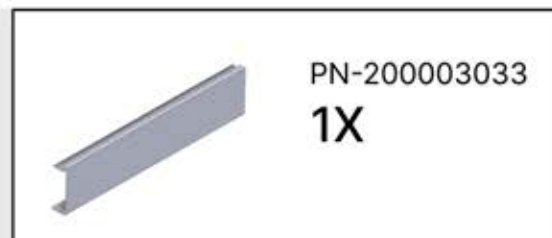
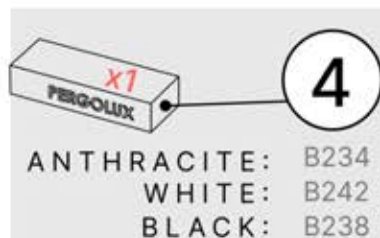
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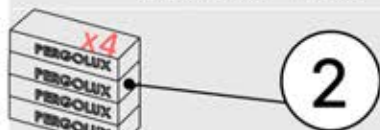
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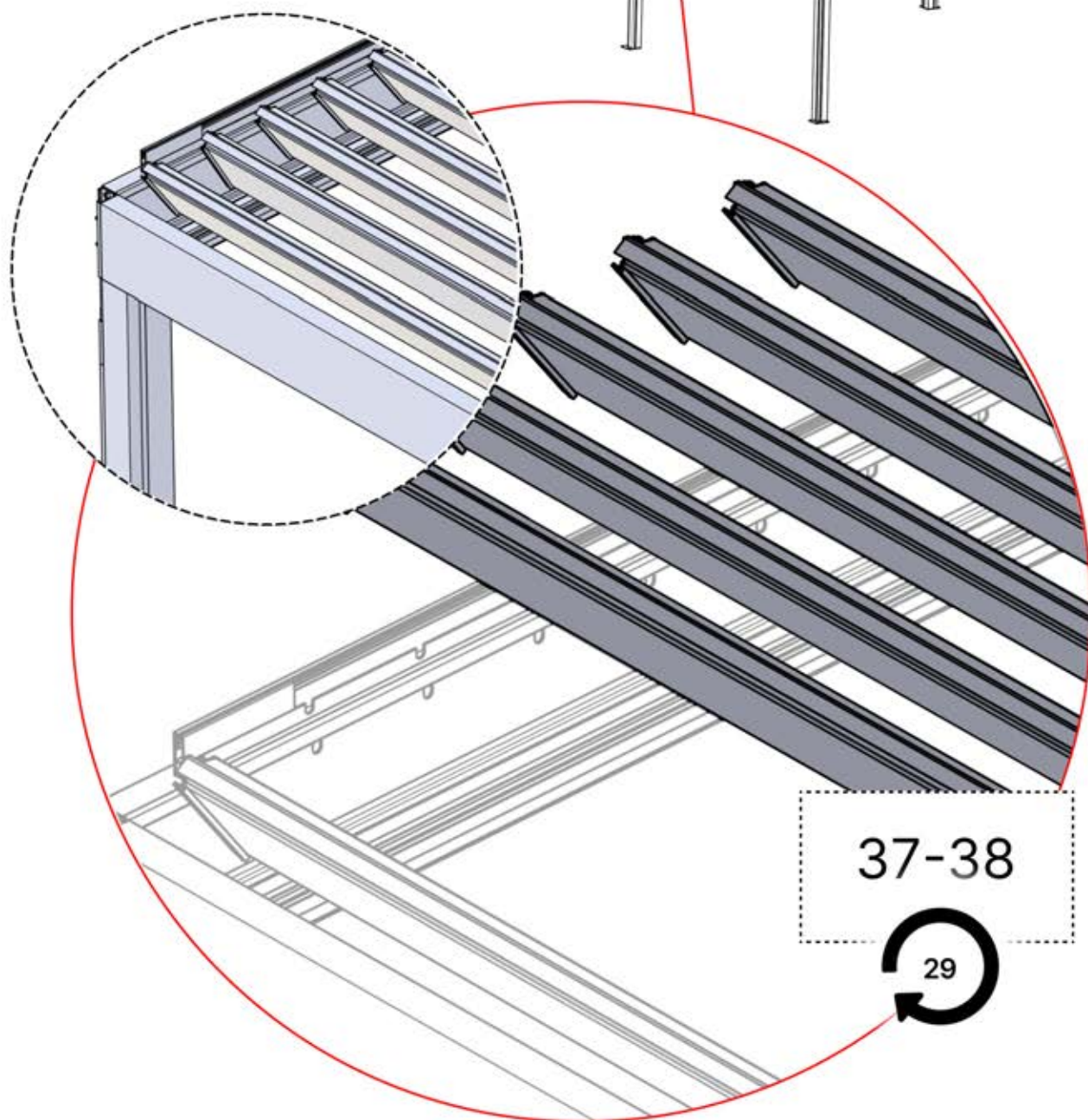
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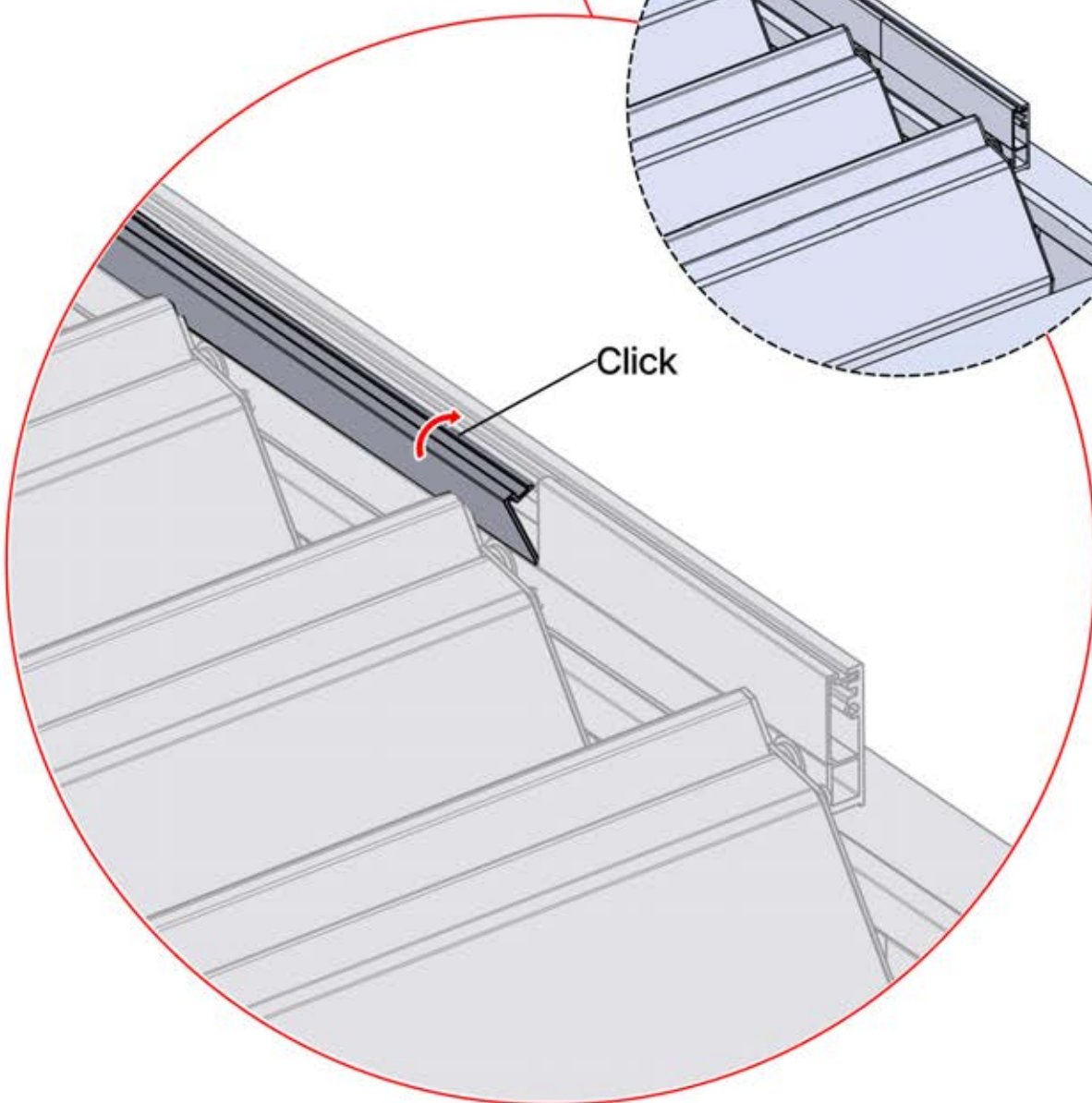
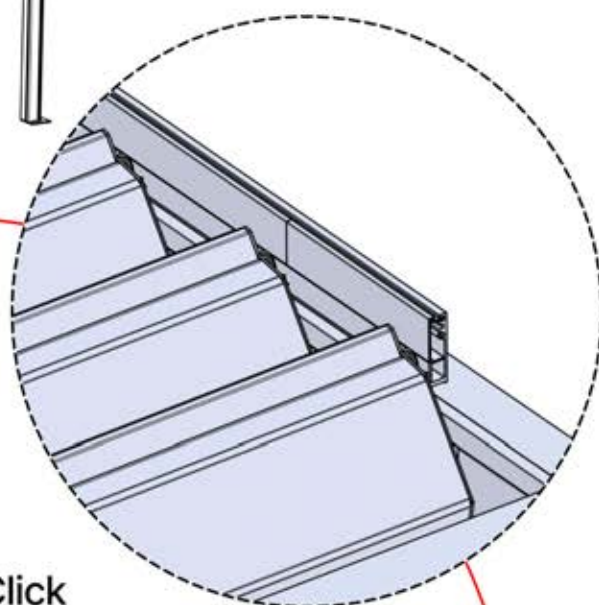
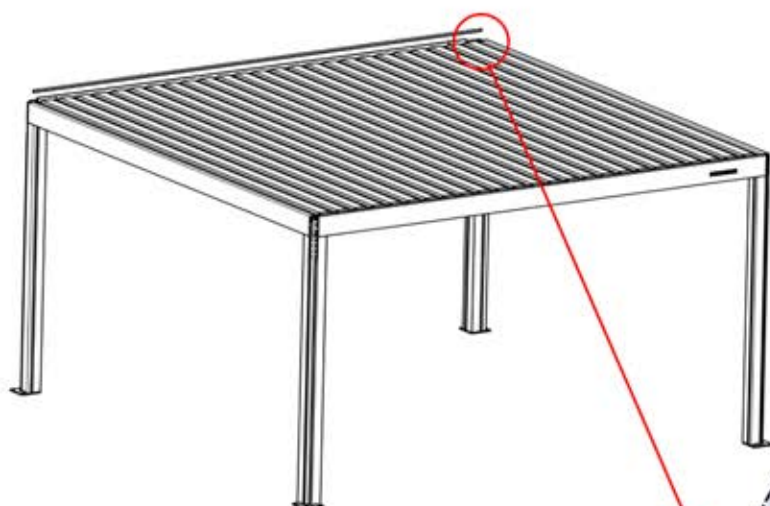
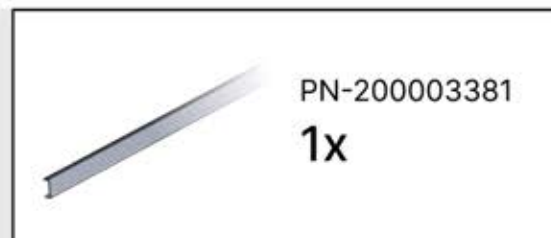
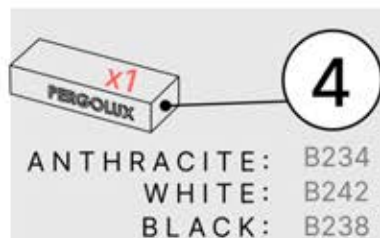
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WHITE: L231
BLACK: L229



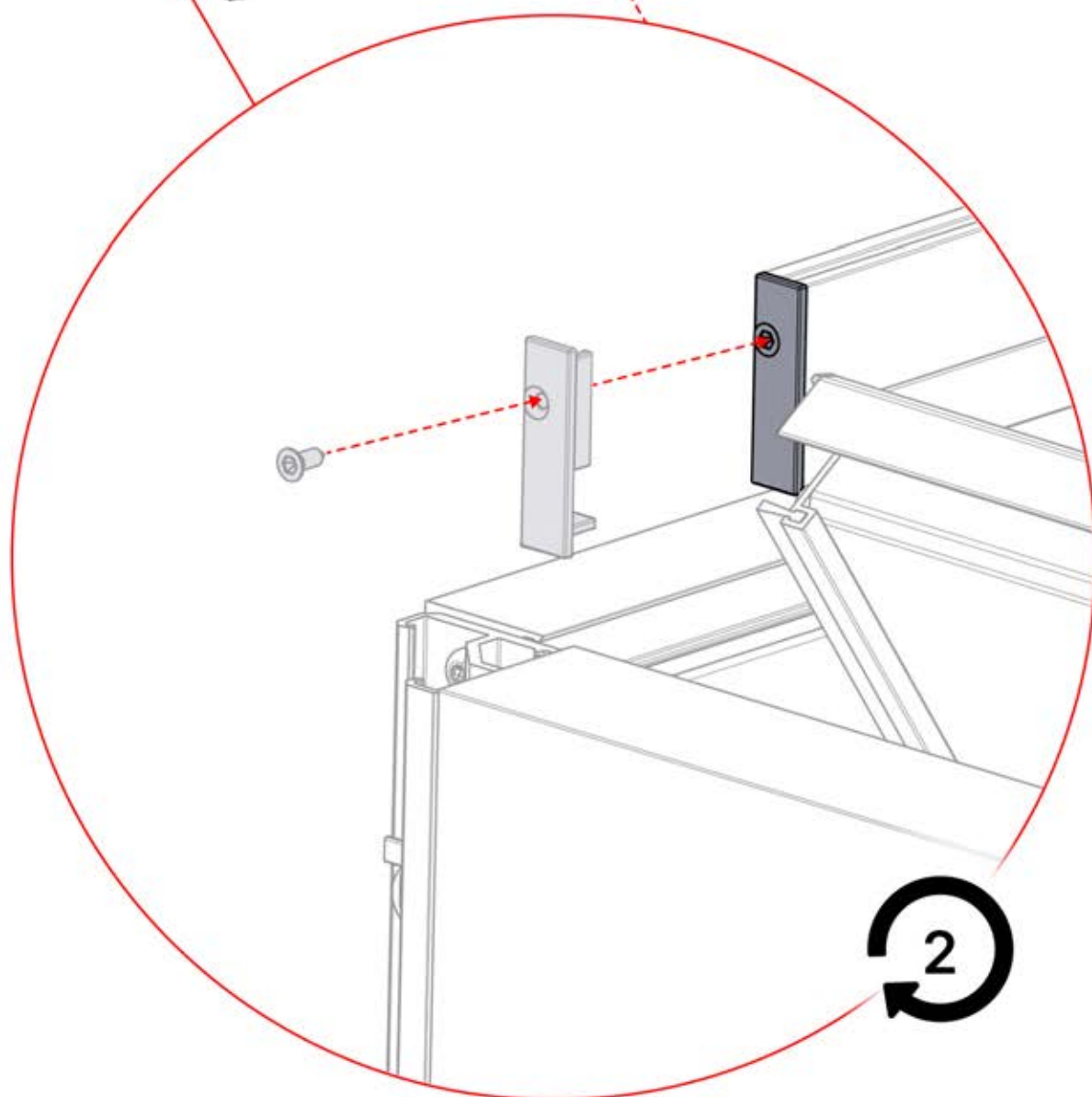
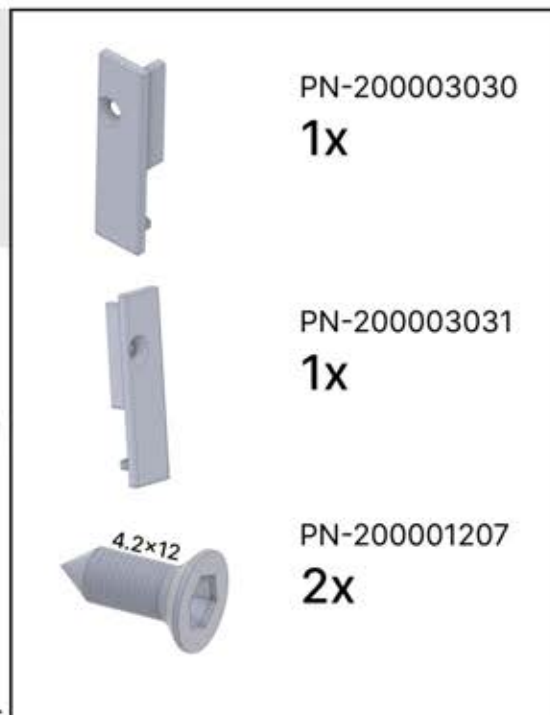
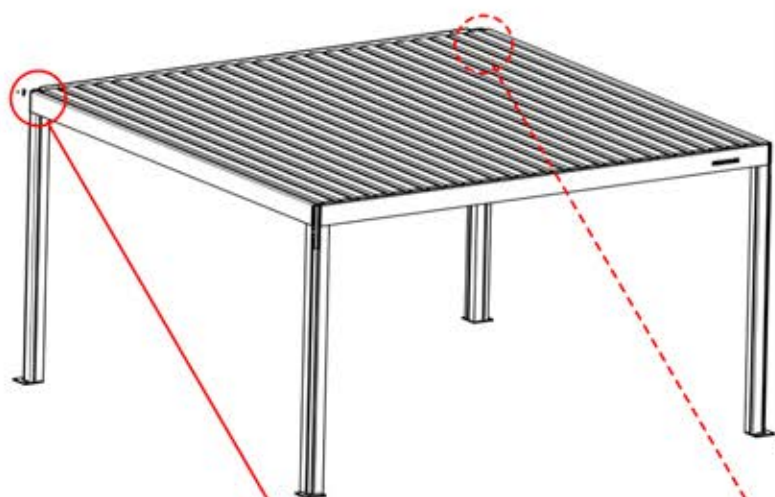
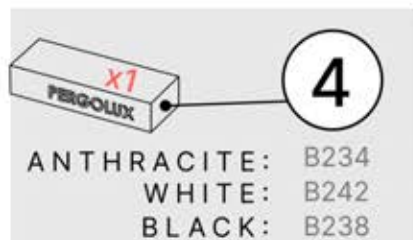
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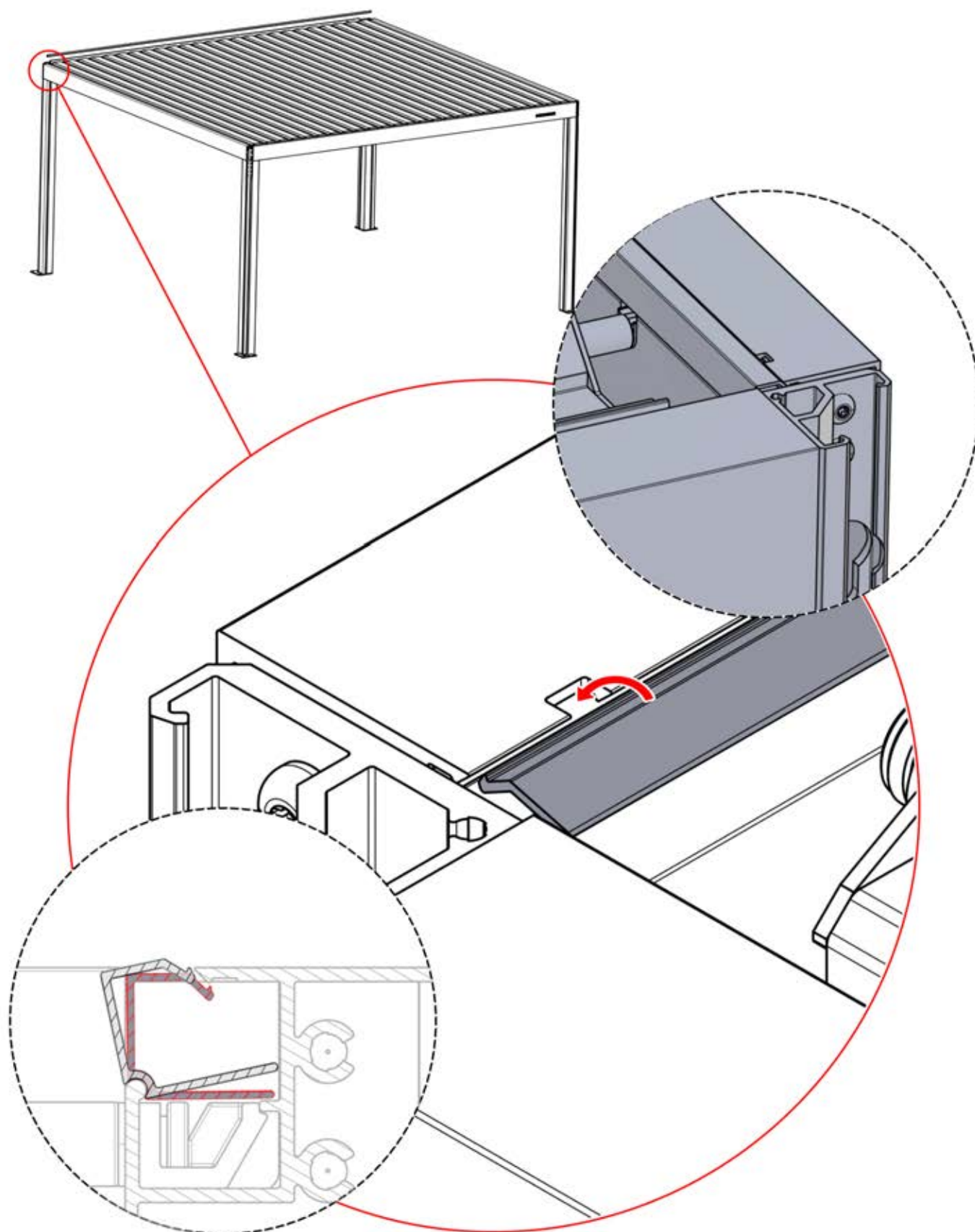
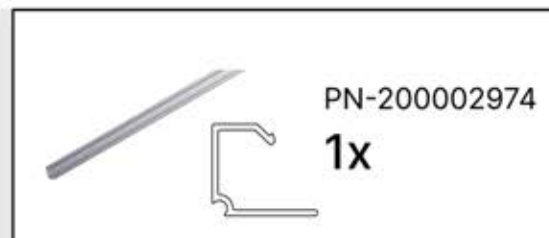
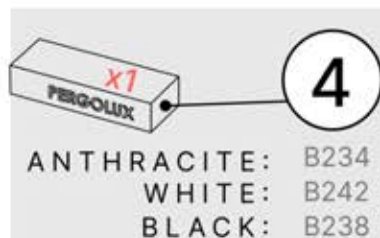
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45



46

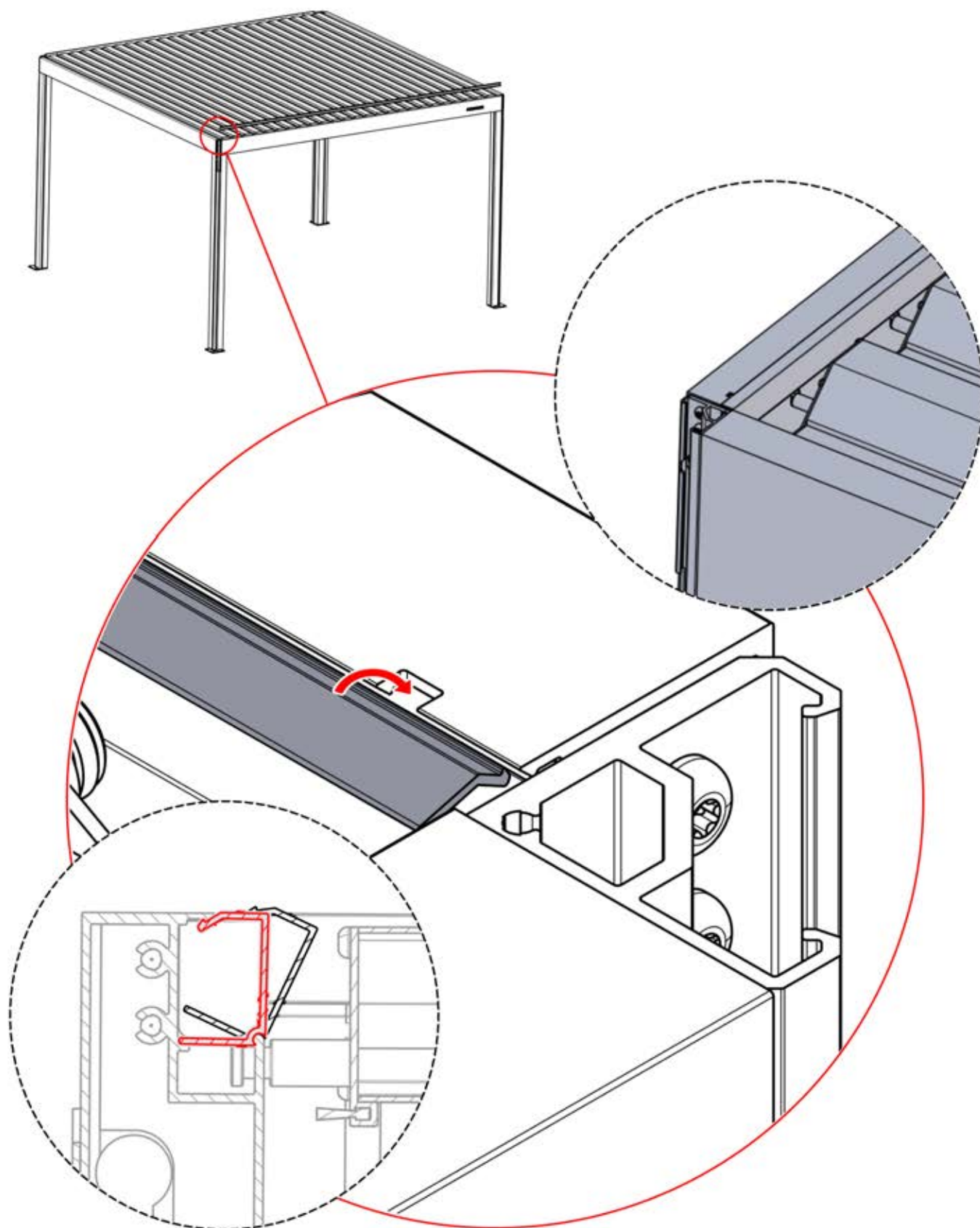
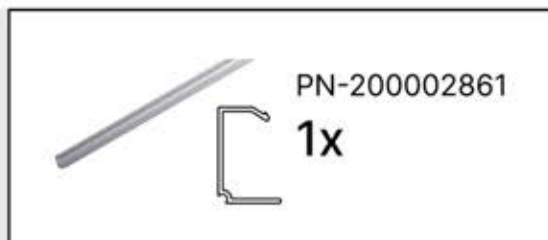


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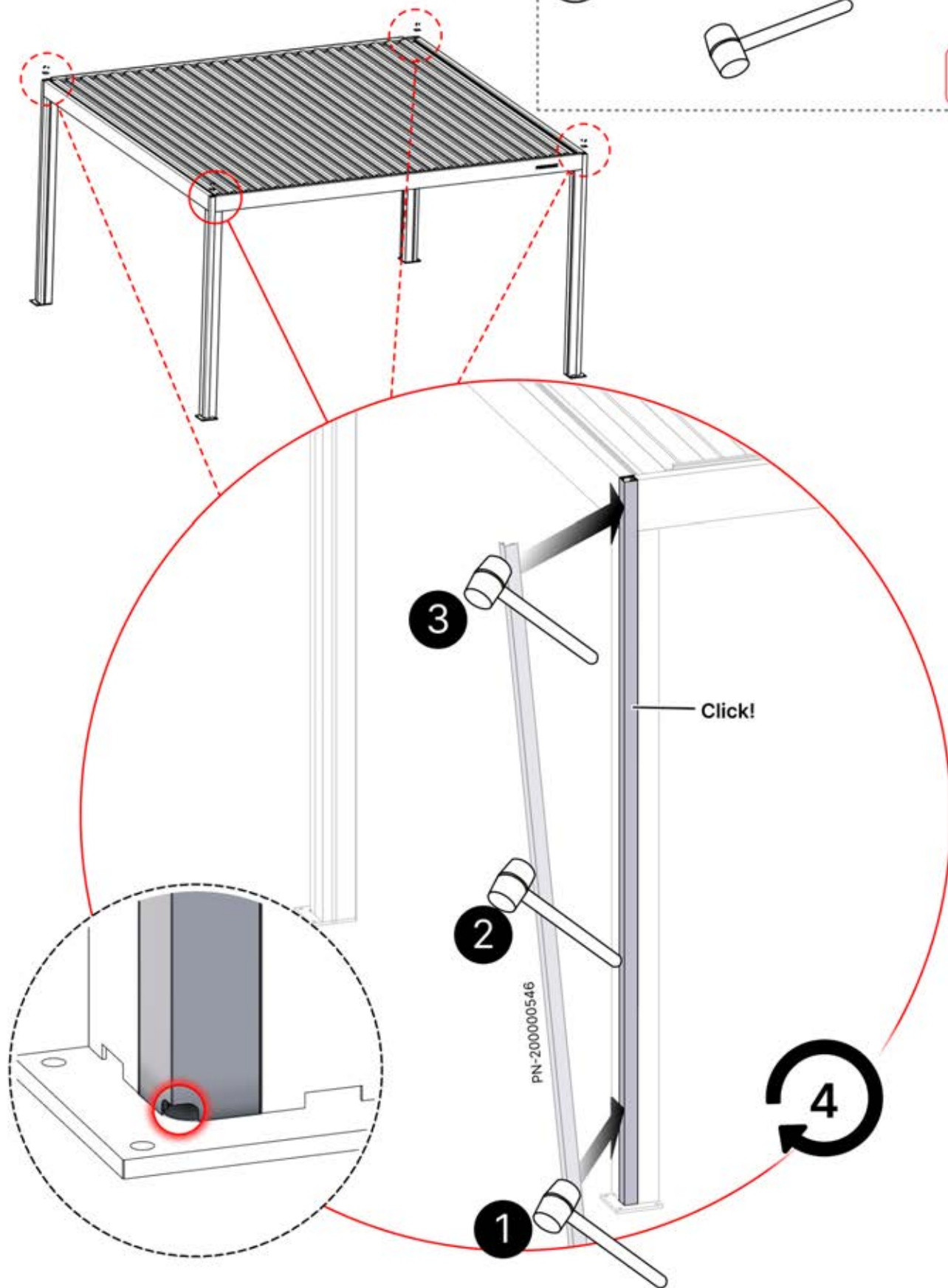
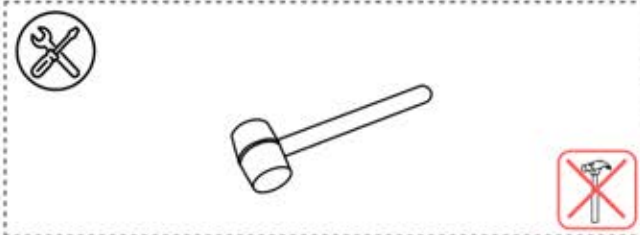
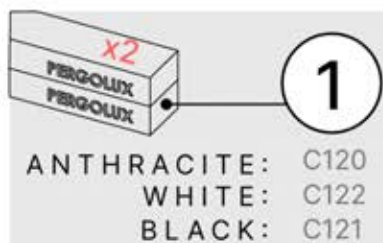


4

ANTHRACITE: B234
WHITE: B242
BLACK: B238



48



49



4

ANTHRACITE: B234
WHITE: B242
BLACK: B238



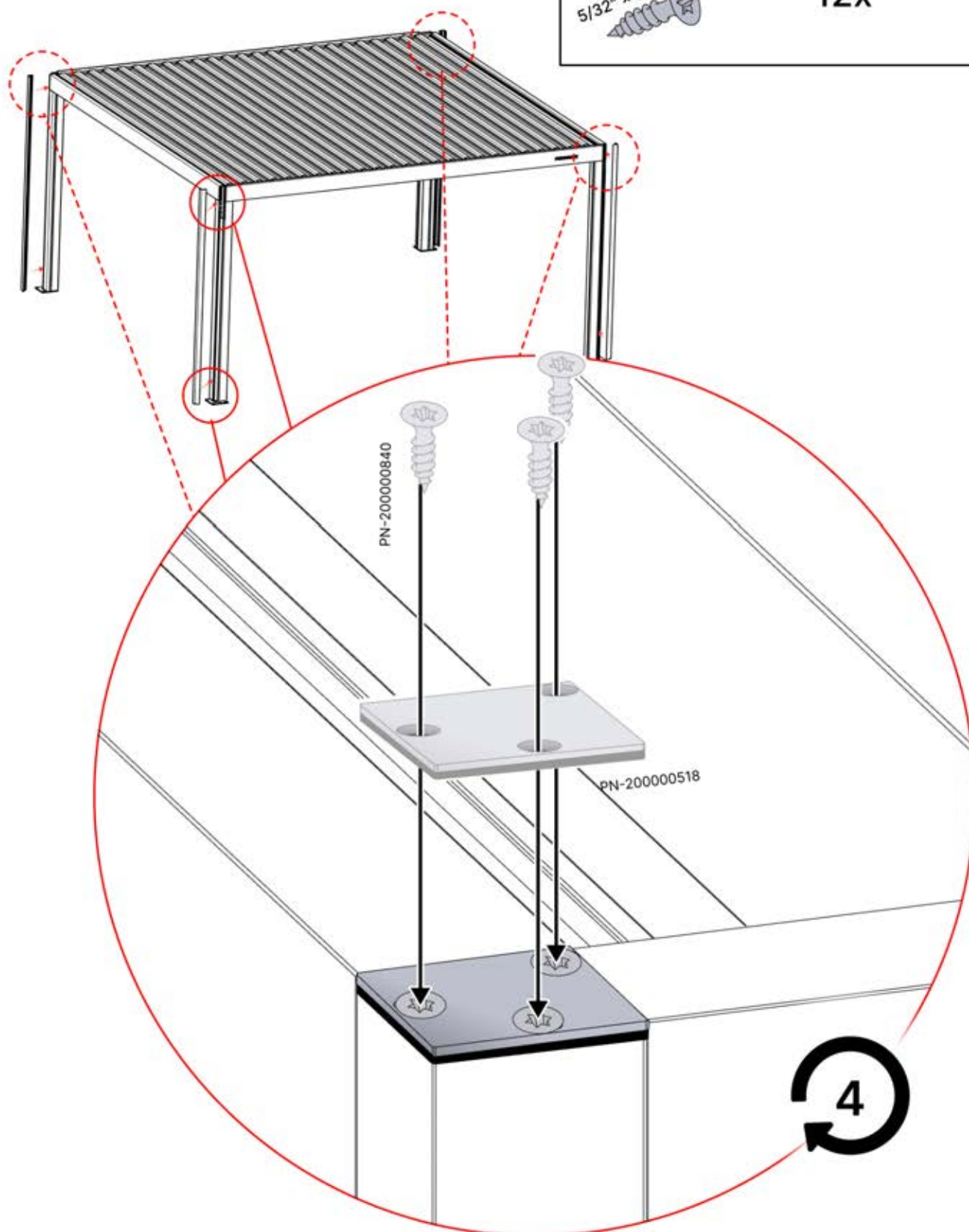
PN-200001514

4x

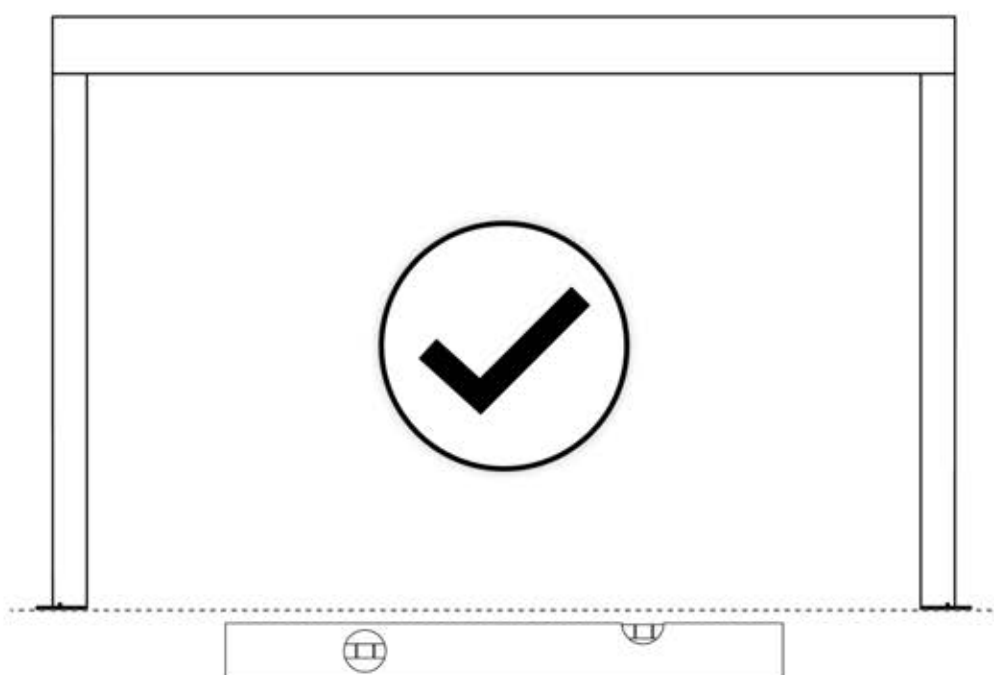
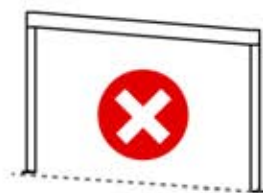
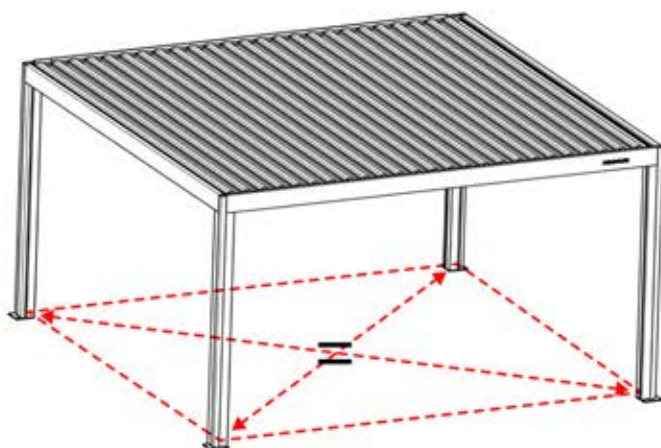
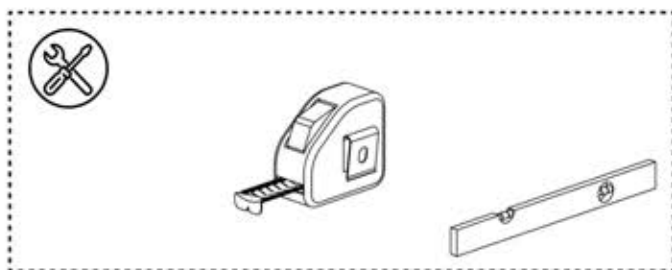


PN-200000840

12x



50



51



Use on
concrete



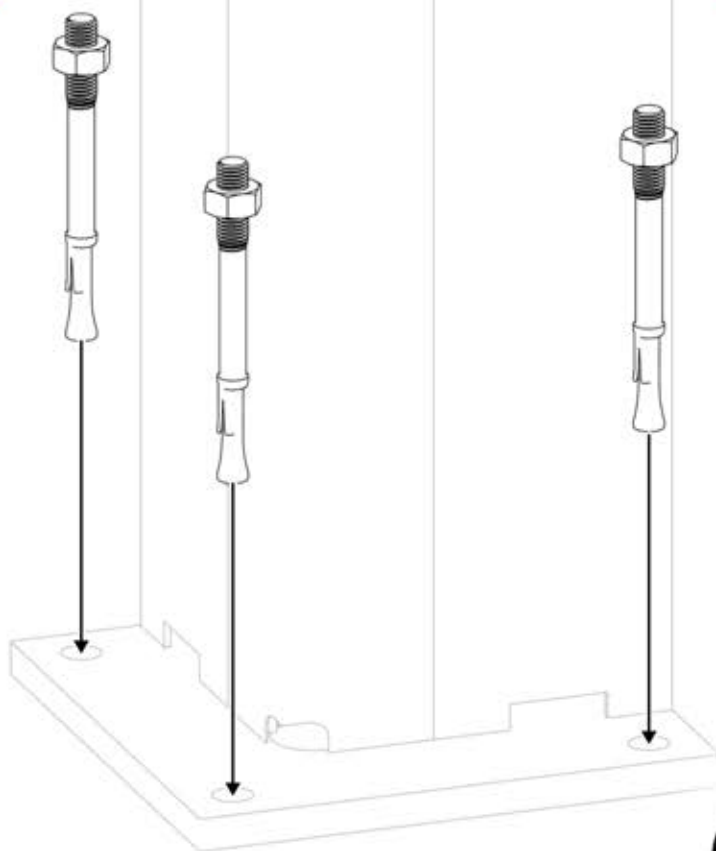
x12



Use on
wood



x12



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