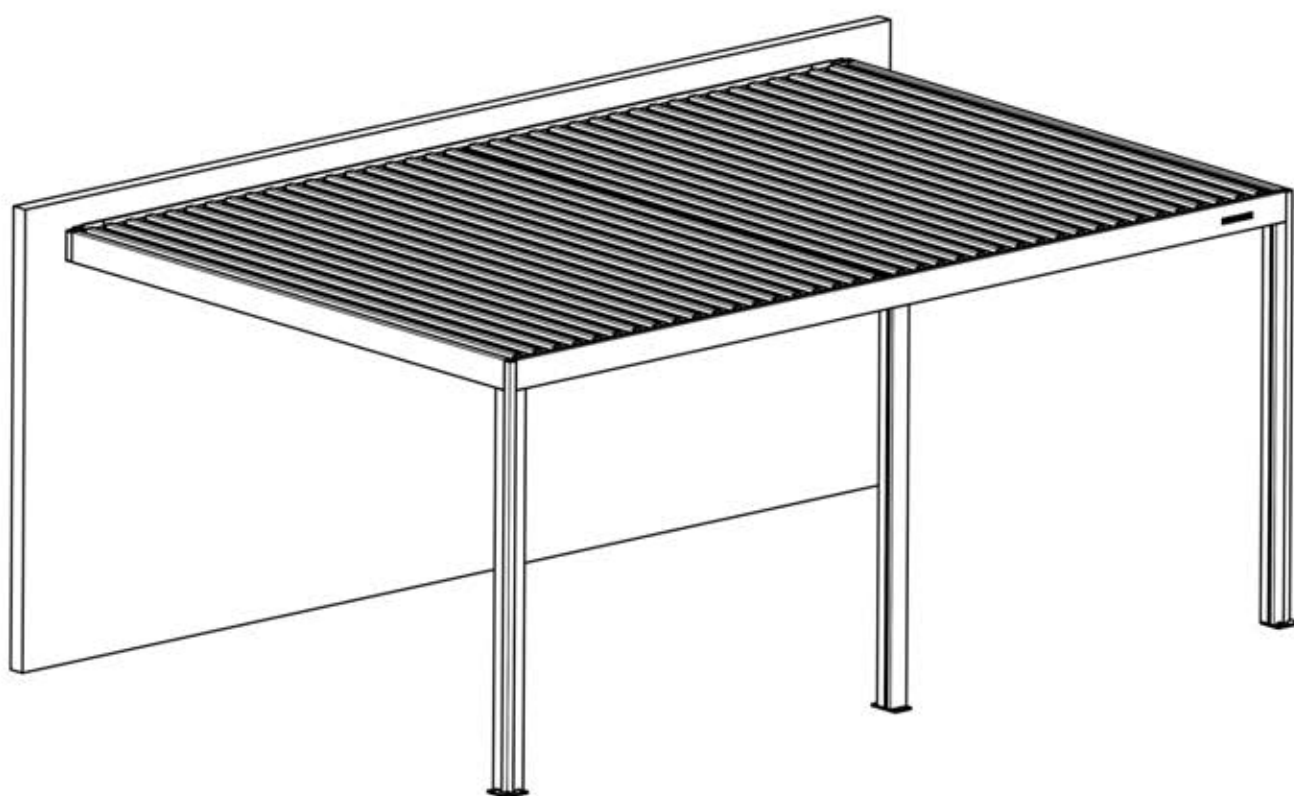


S4

PERGOLA

PRO



4×6m/13'x19'
WALL MOUNTED

PERGOLUX



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678



INFORMATION



INSTALLATION INSTRUCTIONS:

Ensure all parts are present and undamaged before starting the assembly.

Secure to a solid foundation with the correct fasteners for your foundation.

(If applicable) Install motors and wiring as shown. Ensure the electrical components are powered off during installation.

Use the correct lifting and installation equipment.

SAFETY WARNINGS:

Keep children and pets away during installation.

Do not operate the structure if parts are loose or improperly installed.

Ensure the structure is securely anchored to prevent accidents.

Do not insert fingers or any objects between the louvres.

MAINTENANCE:

Regularly clean the aluminum structure to maintain its appearance and prevent the accumulation of dirt.

Also, make sure to clean the gutters regularly. Inspect moving parts for wear and lubricate as necessary.

Check anchor points periodically to ensure stability.



INSTALLATIONSANLEITUNG:

Stellen Sie sicher, dass alle Teile vorhanden und unbeschädigt sind, bevor Sie mit der Montage beginnen.

Befestigen Sie sie mit den richtigen Befestigungselementen für Ihr Fundament auf einem soliden Fundament.

(Falls zutreffend) Installieren Sie Motoren und Verkabelung wie gezeigt. Stellen Sie sicher, dass die elektrischen Teile während der Installation ausgeschaltet sind.

Verwenden Sie die richtige Hebe- und Installationsausrüstung.

SICHERHEITSHINWEISE:

Halten Sie Kinder und Haustiere während der Installation fern.

Betreiben Sie die Struktur nicht, wenn Teile lose oder nicht richtig installiert sind.

Stellen Sie sicher, dass die Struktur sicher verankert ist, um Unfälle zu vermeiden.

Stecken Sie keine Finger oder andere Gegenstände zwischen die Lamellen.

WARTUNG:

Reinigen Sie die Aluminiumstruktur regelmäßig, um ihr Aussehen zu erhalten und die Ansammlung von Schmutz zu verhindern.

Reinigen Sie auch die Dachrinnen regelmäßig. Überprüfen Sie bewegliche Teile auf Verschleiß und schmieren Sie sie bei Bedarf.

Überprüfen Sie die Ankerpunkte regelmäßig, um die Stabilität sicherzustellen.



Pergolux GmbH, 9 Goethestraße,
36043 Fulda,
Germany

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DOP-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

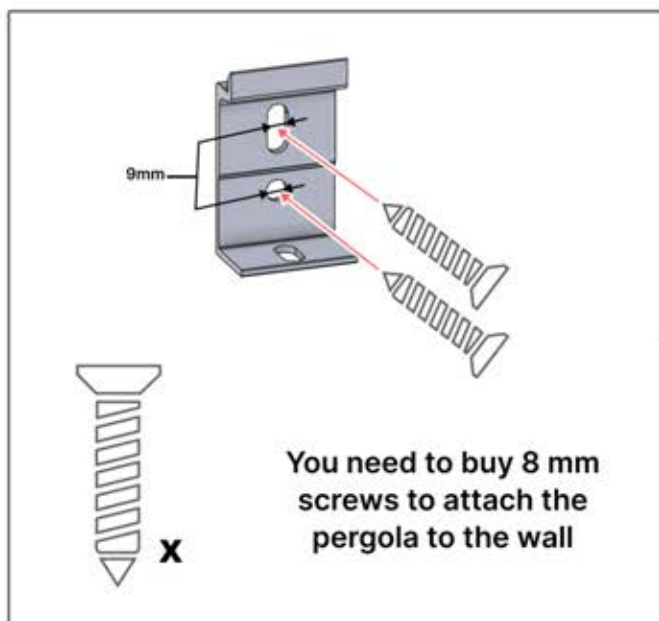
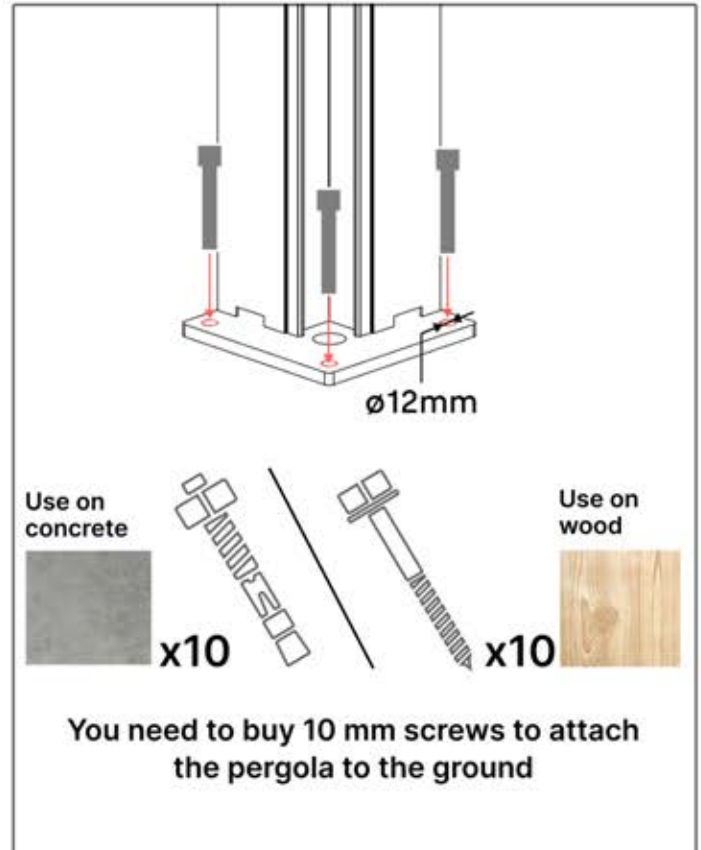
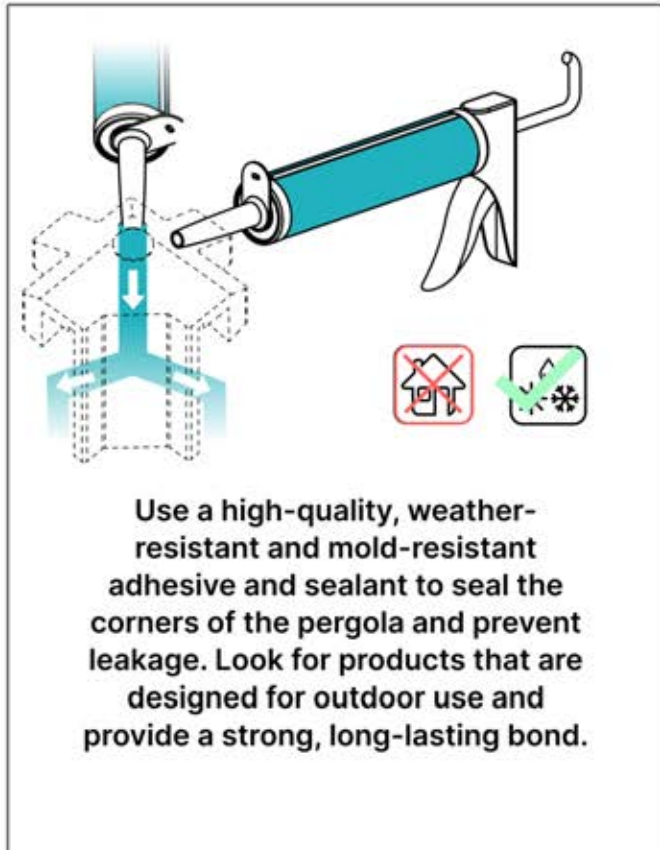


Motor



Turn around

INFORMATION

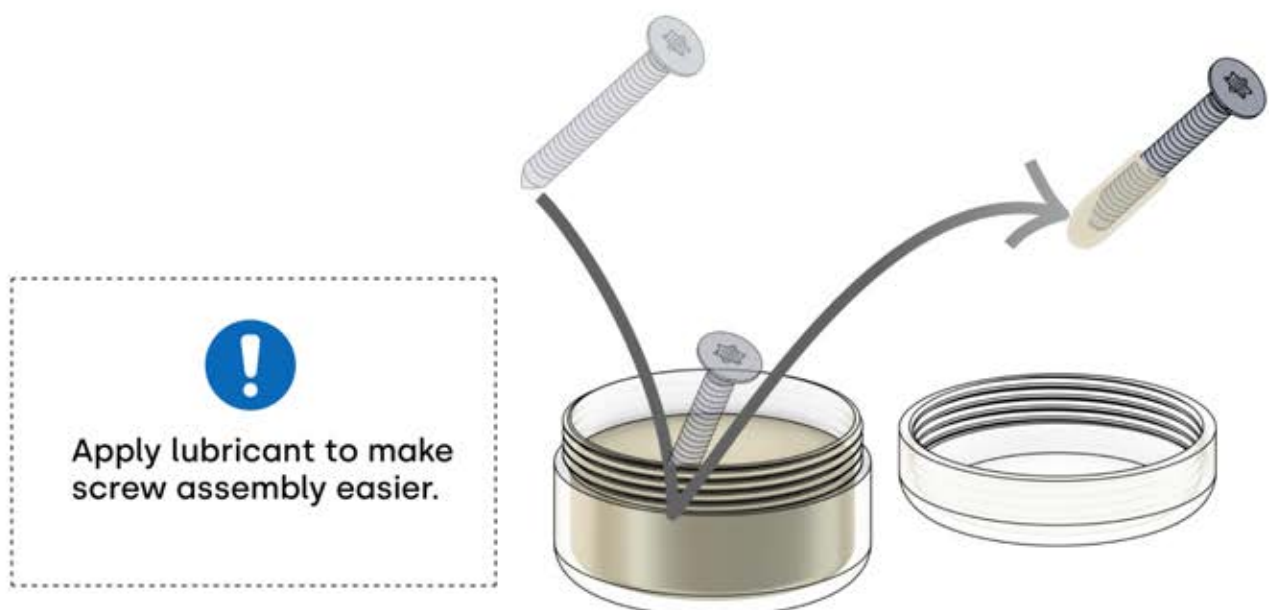


PERGOLUX

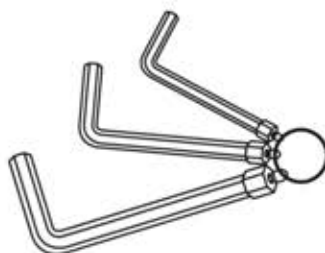
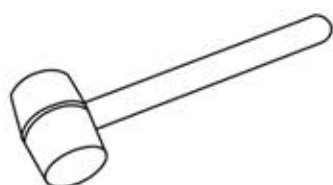
INFORMATION

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

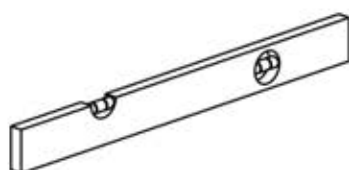
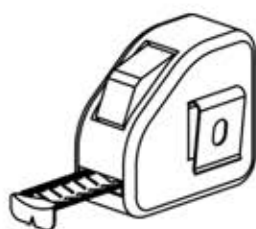
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



INFORMATION



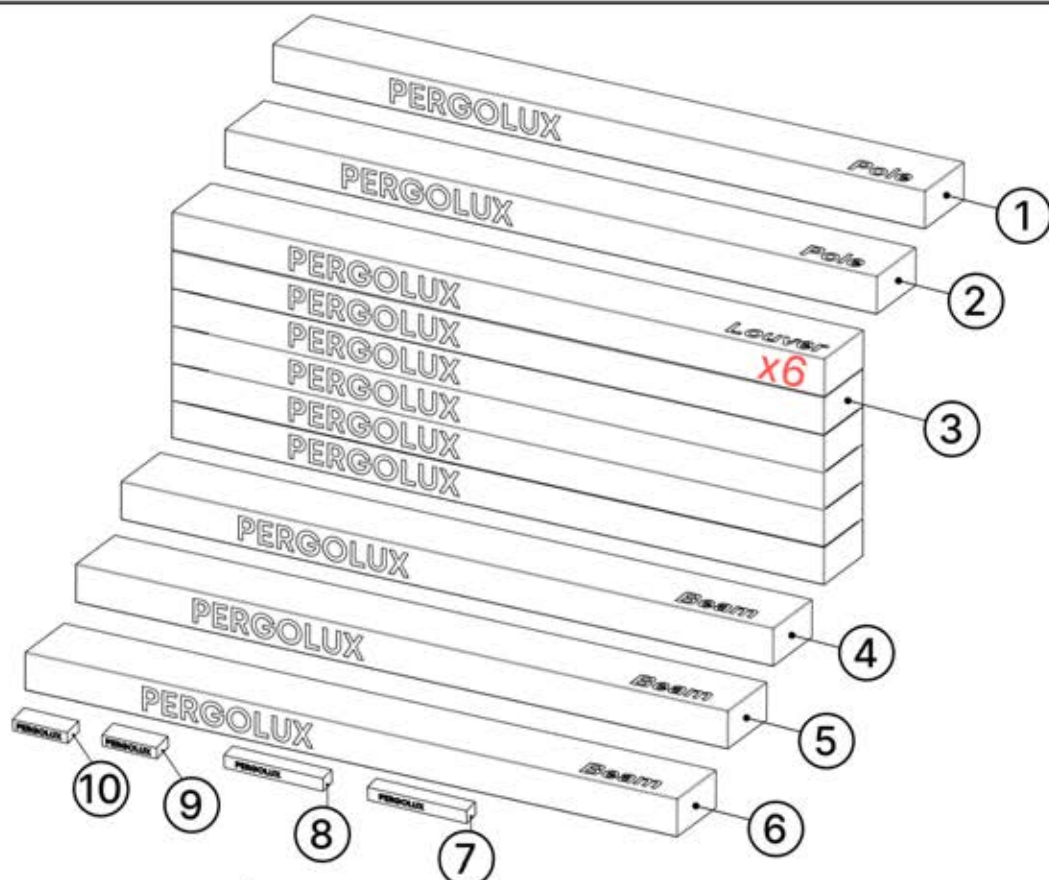
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

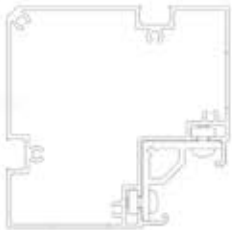


PACKAGE OVERVIEW

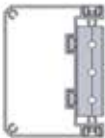
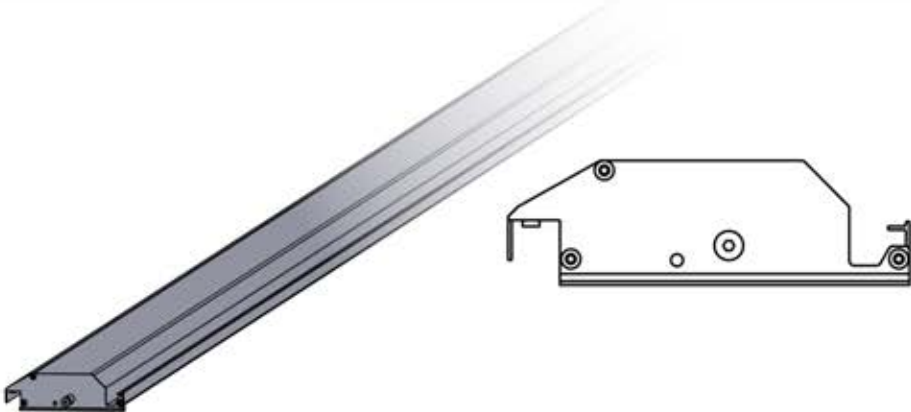


ORDER	ANTHRACITE	WHITE	BLACK
①	C120	C122	C121
②	C123	C125	C124
③	L222	L226	L224
④	B247	B255	B251
⑤	B263	B267	B265
⑥	B275	B279	B277
⑦	MOTOR		
⑧	WHITE / RGB LED		
⑨	CONTOL BOX		
⑩	POWER CABLE		

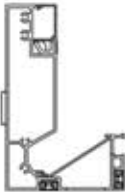
ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	1	C120	C122 C121
		PN-200002606 2x	
		PN-200002614 2x	
		PN-200003386 2x	

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
2		C123	C125	C124
			PN-200002782 1x	
			PN-200002783 1x	
			PN-200002785 1x	
		ANTHRACITE WHITE BLACK		
3		L222	L226	L224
			PN-200002883 36x	

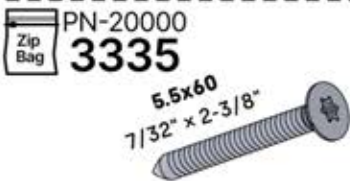
ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	4	B247	B255 B251
		PN-200003355 1x	
		PN-200003360 1x	
		PN-200002867 1x	
		PN-200002863 1x	
		PN-200002866 1x	

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	4	B247	B255 B251
		PN-200002865 1x	
		PN-200003334 1x	
		PN-200003380 1x	

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
4		B247	B255	B251
	PN-200000560 14x		PN-200000826 2x	
	PN-200001514 4x		PN-200003322 1x	
	PN-200003323 1x		PN-200000840 18x	
	PN-200003033 2x		PN-200003031 1x	
	PN-200003030 1x		PN-200001207 2x	
	PN-200000568 32x		PN-200003385 1x	
	PN-200000507 4x		PN-200000568 2x	
	PN-200000569 8x		PN-200000516 2x	

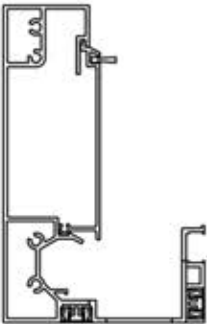
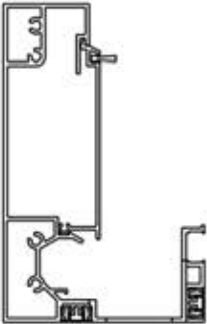
ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
4		B247	B255	B251
 PN-20000 3276   3.5x8 6 x 5/16"		PN-200002618 4x PN-200000571 4x	 PN-20000 3364   PN-200002792 2x PN-200002617 2x	
 PN-20000 3379  4.2x40 5/32" x 1-9/16"		PN-200000960 4x	 PN-20000 3284  PN-200002625 4x	
 PN-20000 3371  		PN-200003372 1x PN-200001946 1x	 1x PN-200003373 1x PN-200000561 1x  8x25 PN-200000502 1x 	
 PN-20000 3281   4.2x20		PN-200002622 4x PN-200000680 8x	 PN-20000 3309   PN-200003308 2x PN-200003324 2x	

ITEMS IN BOX

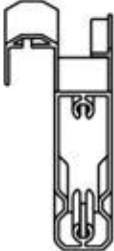
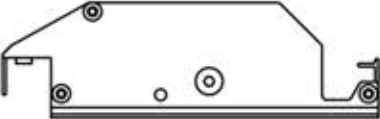
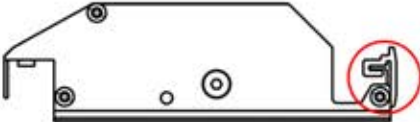
				ANTHRACITE WHITE BLACK		
4				B247	B255	B251
		PN-20000 3307		PN-200000510 6x		
				PN-200000669 6x		
				PN-200000655 6x		
		PN-20000 3414		PN-200000731 2x		
				PN-200000732 2x		
				PN-200000668 4x		
				PN-200000415 8x		
		PN-20000 3602		PN-200000826 3x		
				PN-200001340 1x		

ITEMS IN BOX

		ANTHRACITE	WHITE	BLACK
5		B263	B267	B265
		PN-200003358 1x		
		PN-200003359 1x		
		Premounted PN-200002903 2x		
		PN-200003204 2x		

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	B275	B279	B277

		PN-200003416 1x
		PN-200002883 1x
		PN-200002975 1x

ITEMS IN BOX



7

ELECTRIC MOTOR



Electric motor
PN-200001562

1x



PN-200001623

1x



PN-200001624

1x



PN-200001625

2x



8

WHITE / RGB LED



LED light strip

4x



Y cable

1x

ITEMS IN BOX



**** Only if you ordered LED lights to your pergola.**



9

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



**** Only if you ordered LED lights to your pergola.**



10

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.

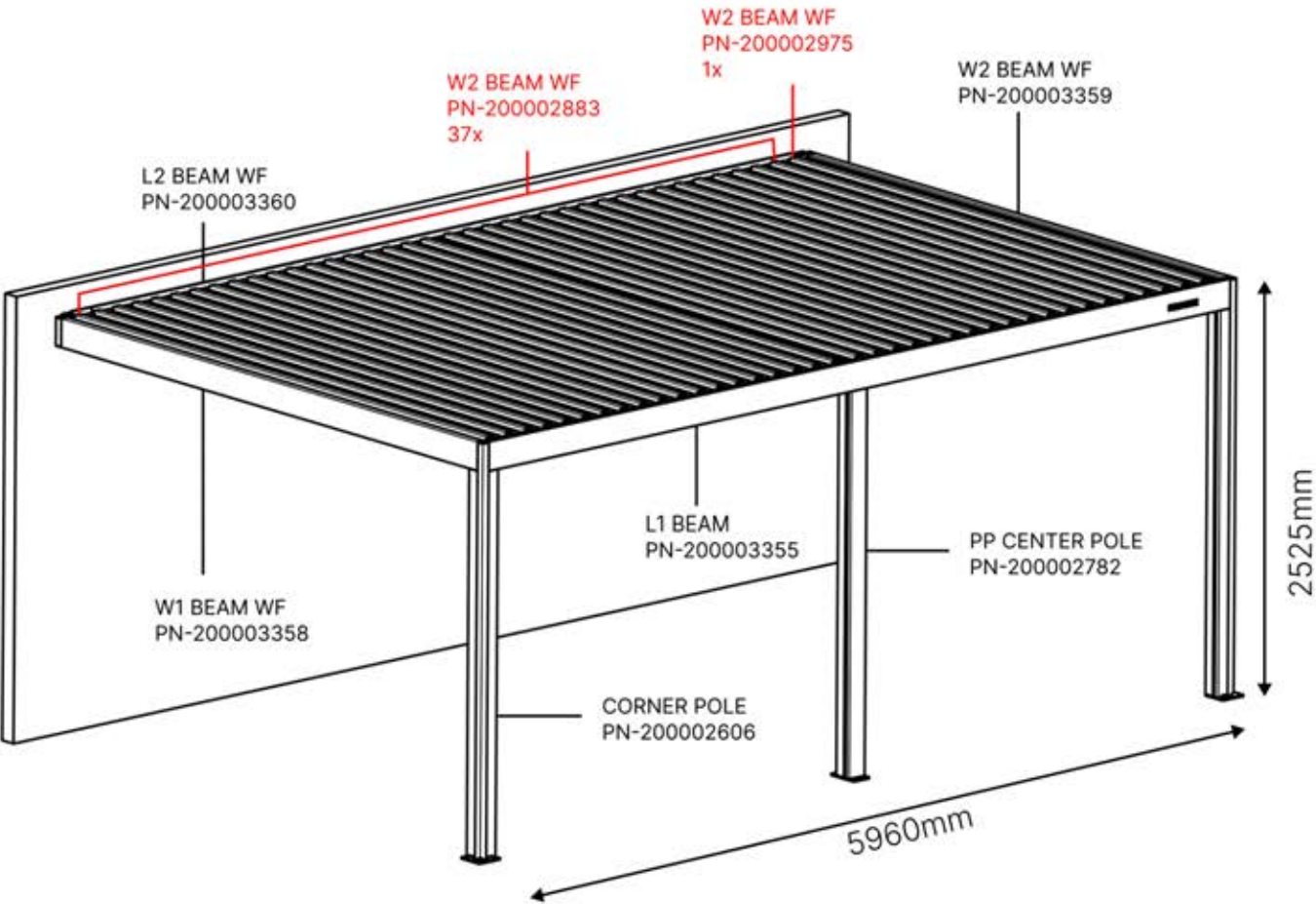
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



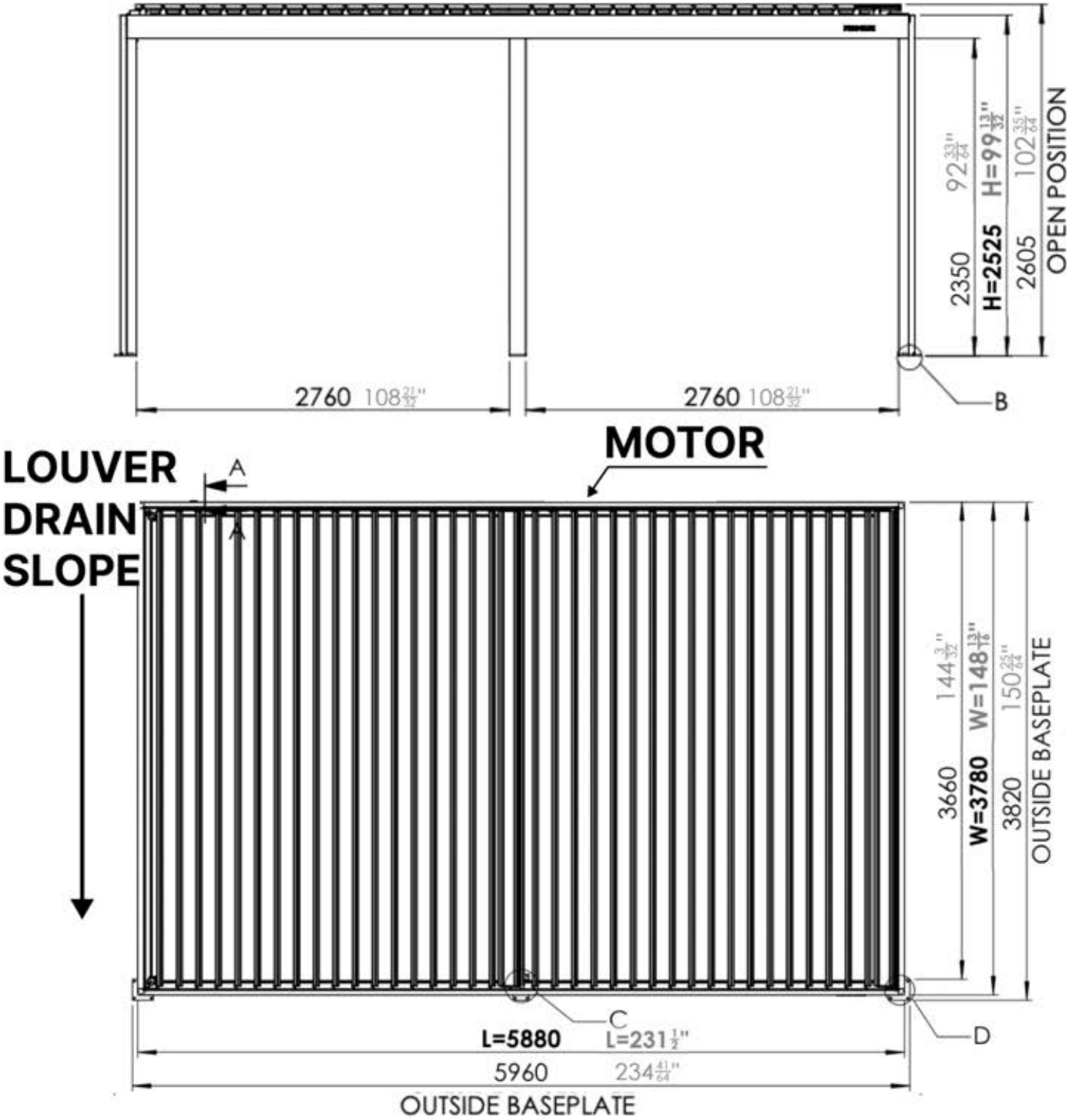
CONTROL BOX

[View Manual](#)

4 × 6 M / 13'x19'



4 × 6 M / 13'x19'



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.

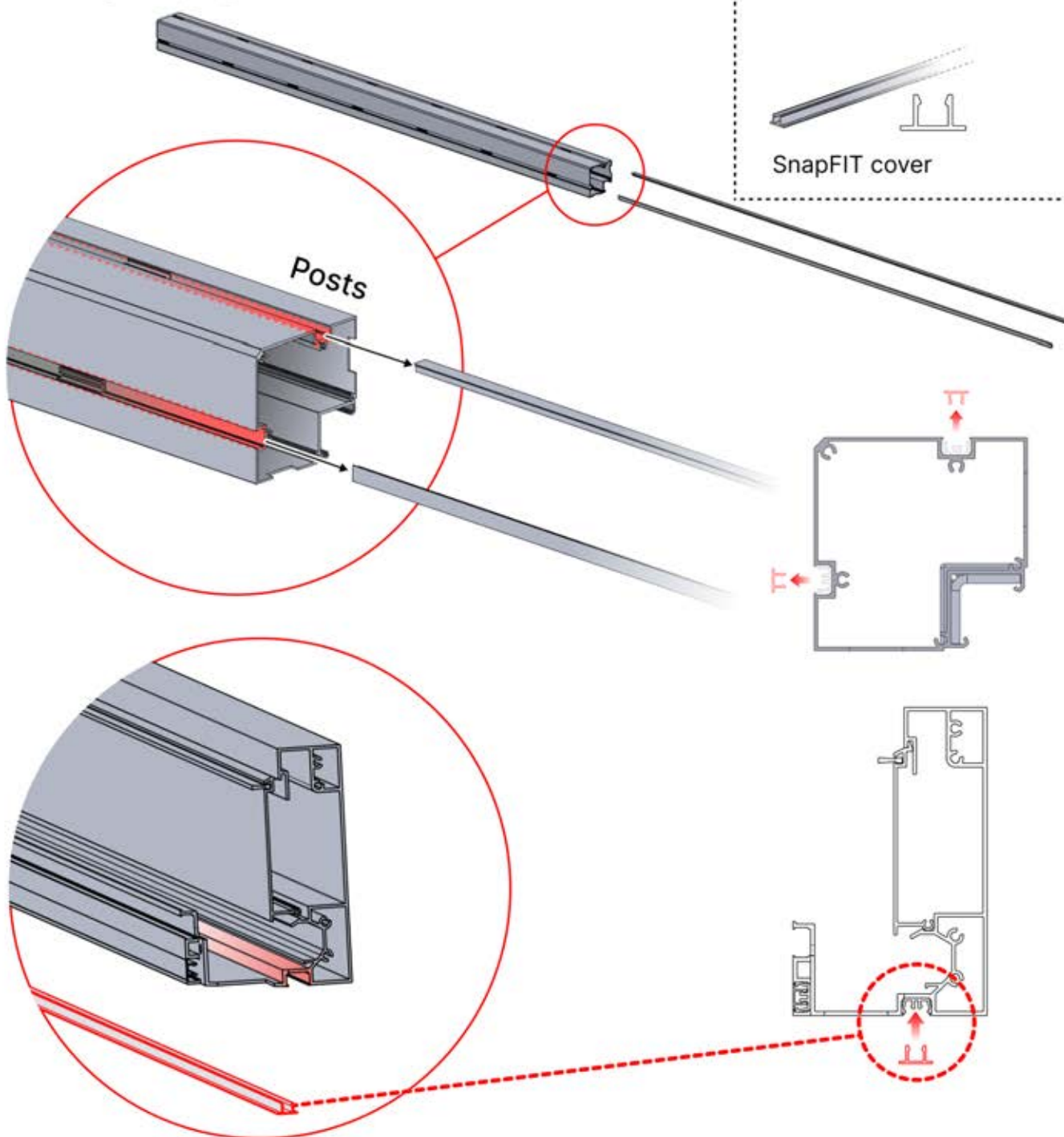
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



Are you installing a heater, fan or LED lights?

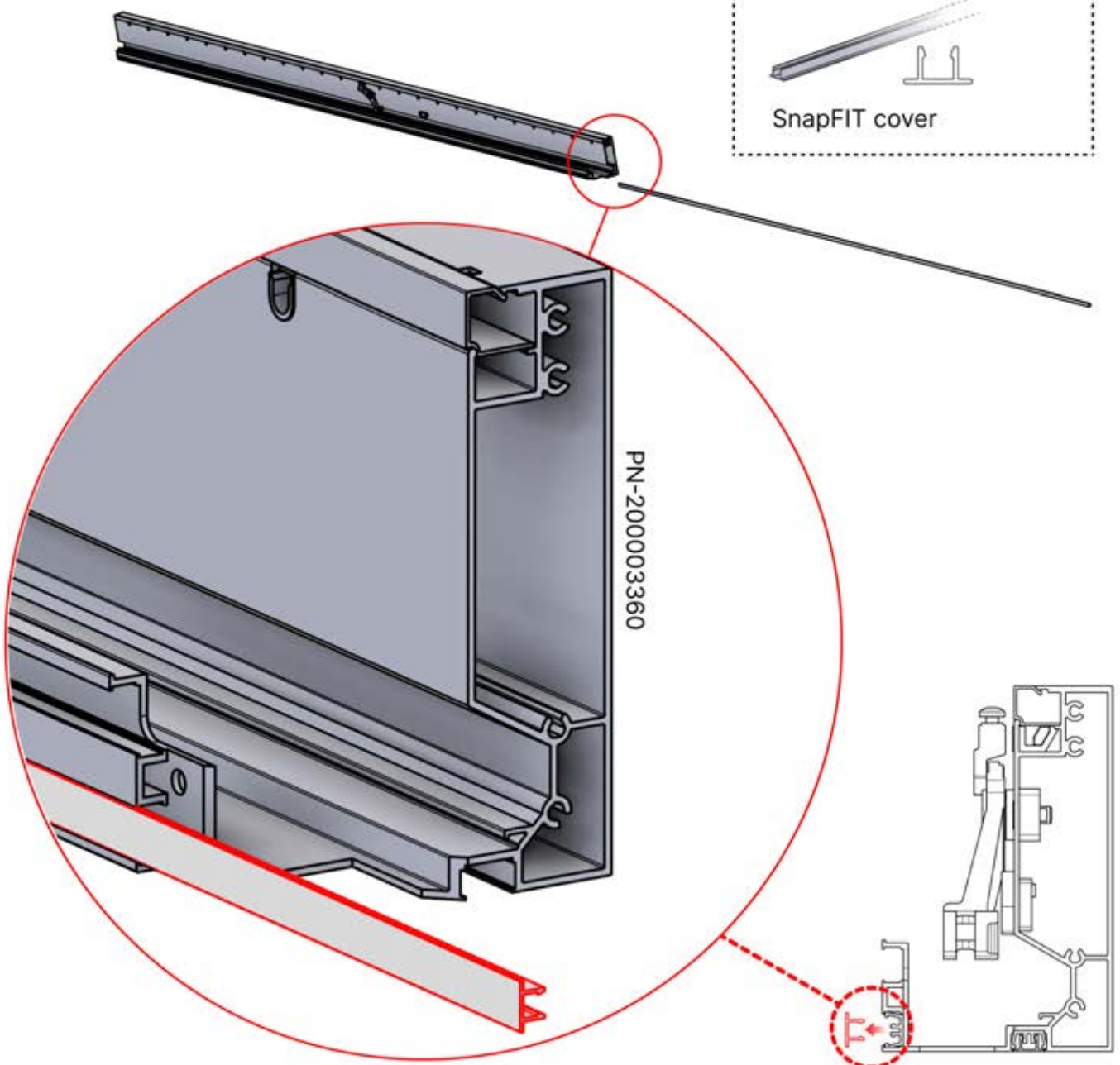
Cover and clips



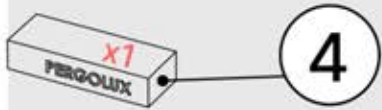
PN-200000512
SnapFIT COVER CLIP



SnapFIT cover

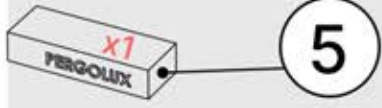


INFORMATION



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



5

ANTHRACITE: B263
WHITE: B267
BLACK: B265



PN-200003358

1x

PN-200003359

1x

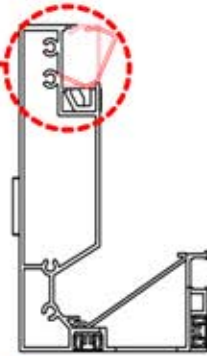
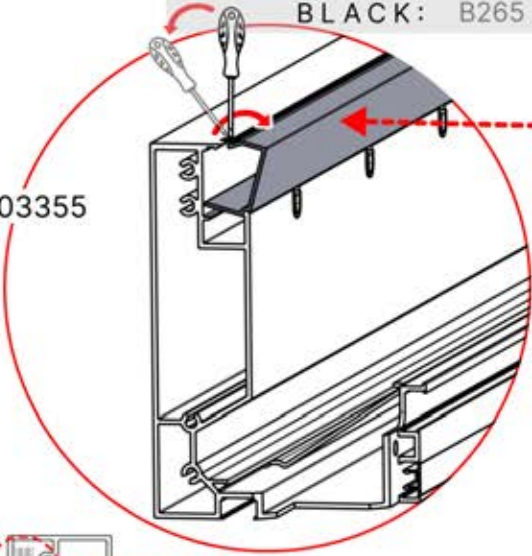
PN-200003355

1x

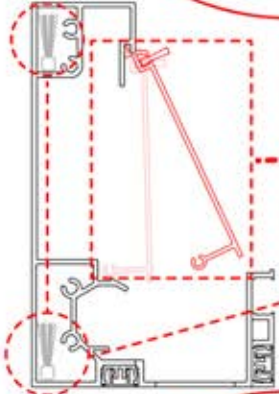
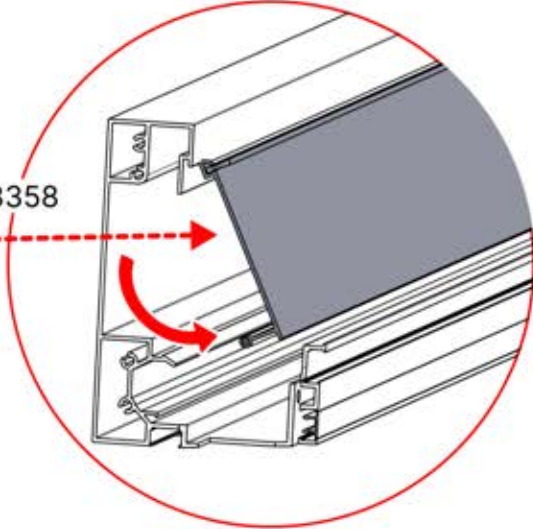
PN-200003360

1x

PN-200003355

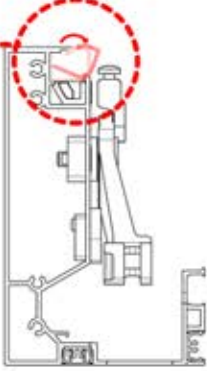
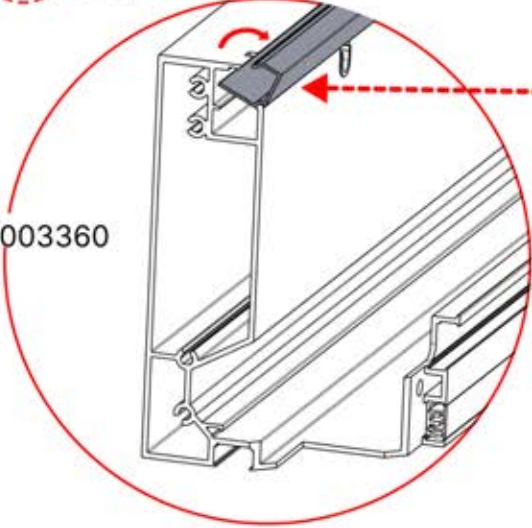


PN-200003358

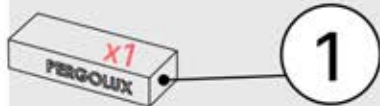


! Remove the brush from the beam and set it aside. It will be installed during a later step in the manual.

PN-200003360



01



1

ANTHRACITE: C120
WHITE: C122
BLACK: C121



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



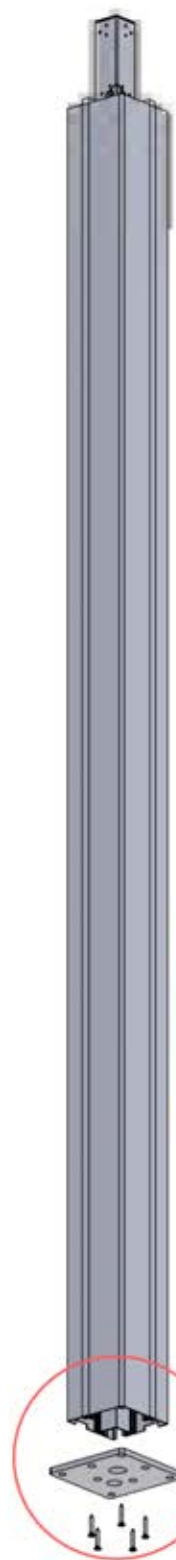
PN-200002606
2x



PN-200002614
2x



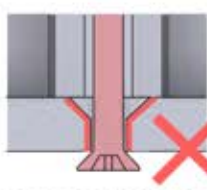
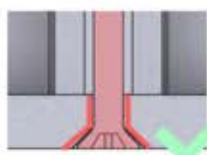
PN-200000560
10x



PN-200002606

PN-200002614

PN-200000560



PN-200000560

4

02



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200002782

1x



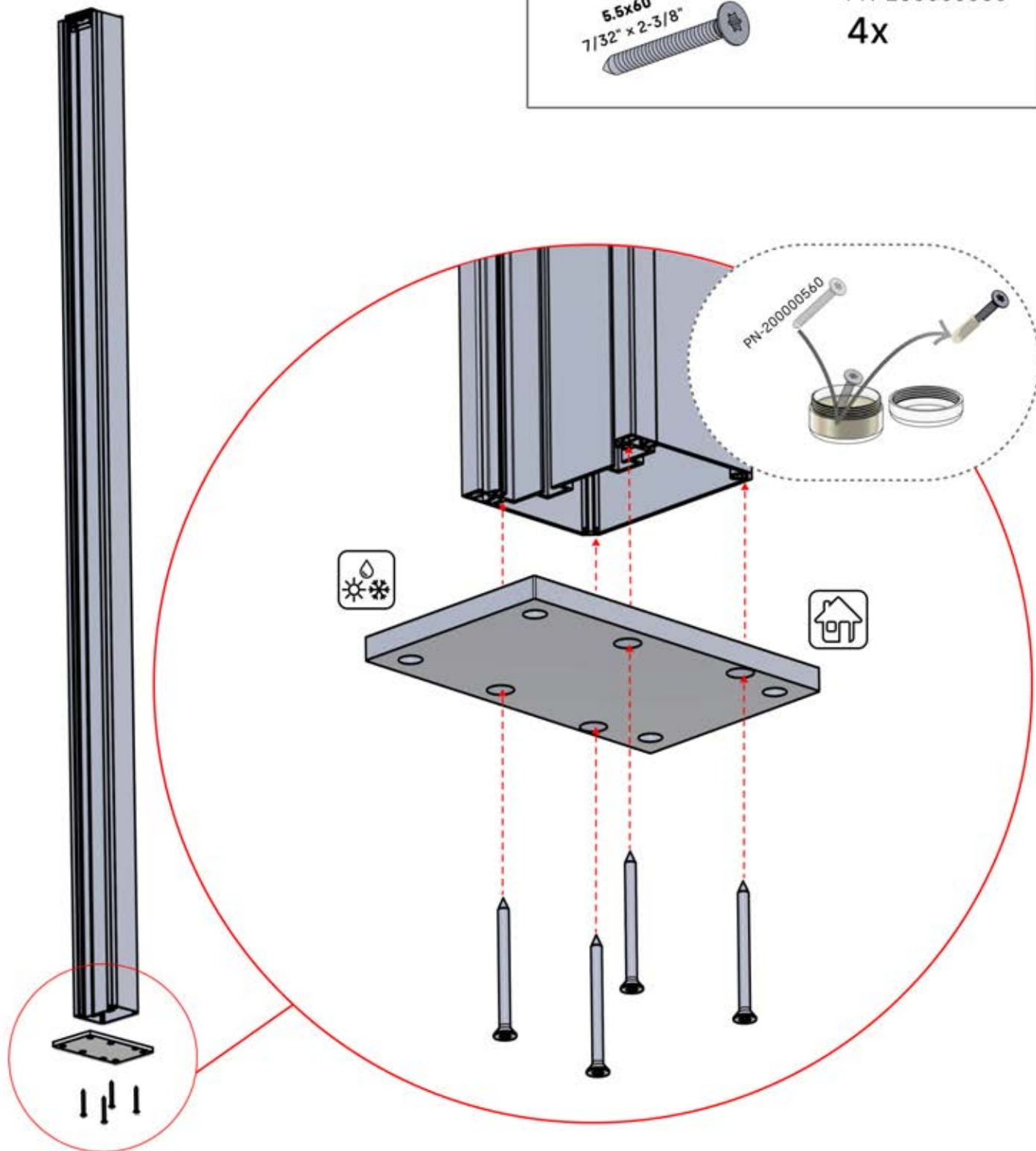
PN-200000731

2x



PN-200000560

4x



03



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200000510
6x

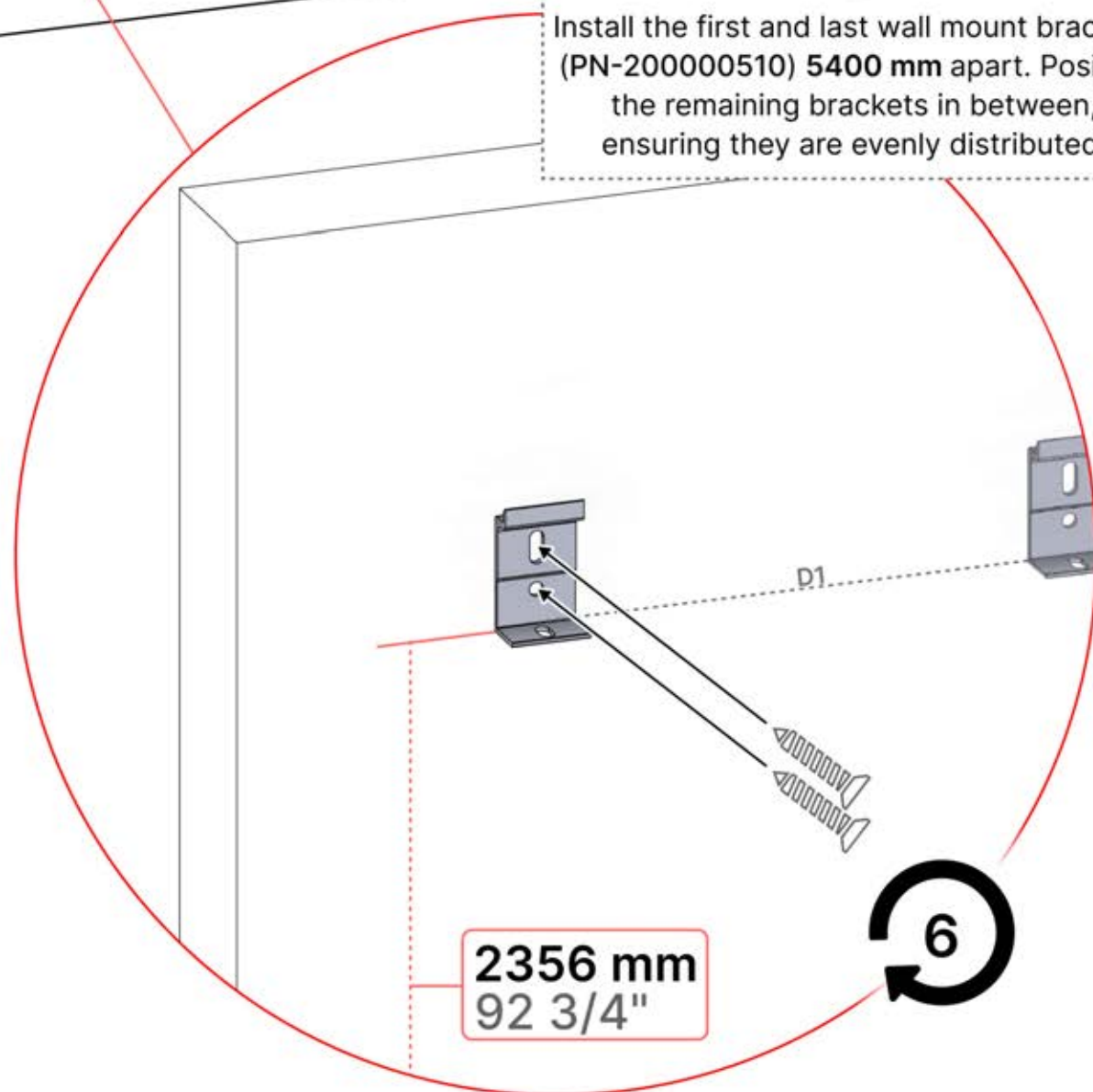


x12



Install the first and last wall mount brackets (PN-200000510) **5400 mm** apart. Position the remaining brackets in between, ensuring they are evenly distributed.

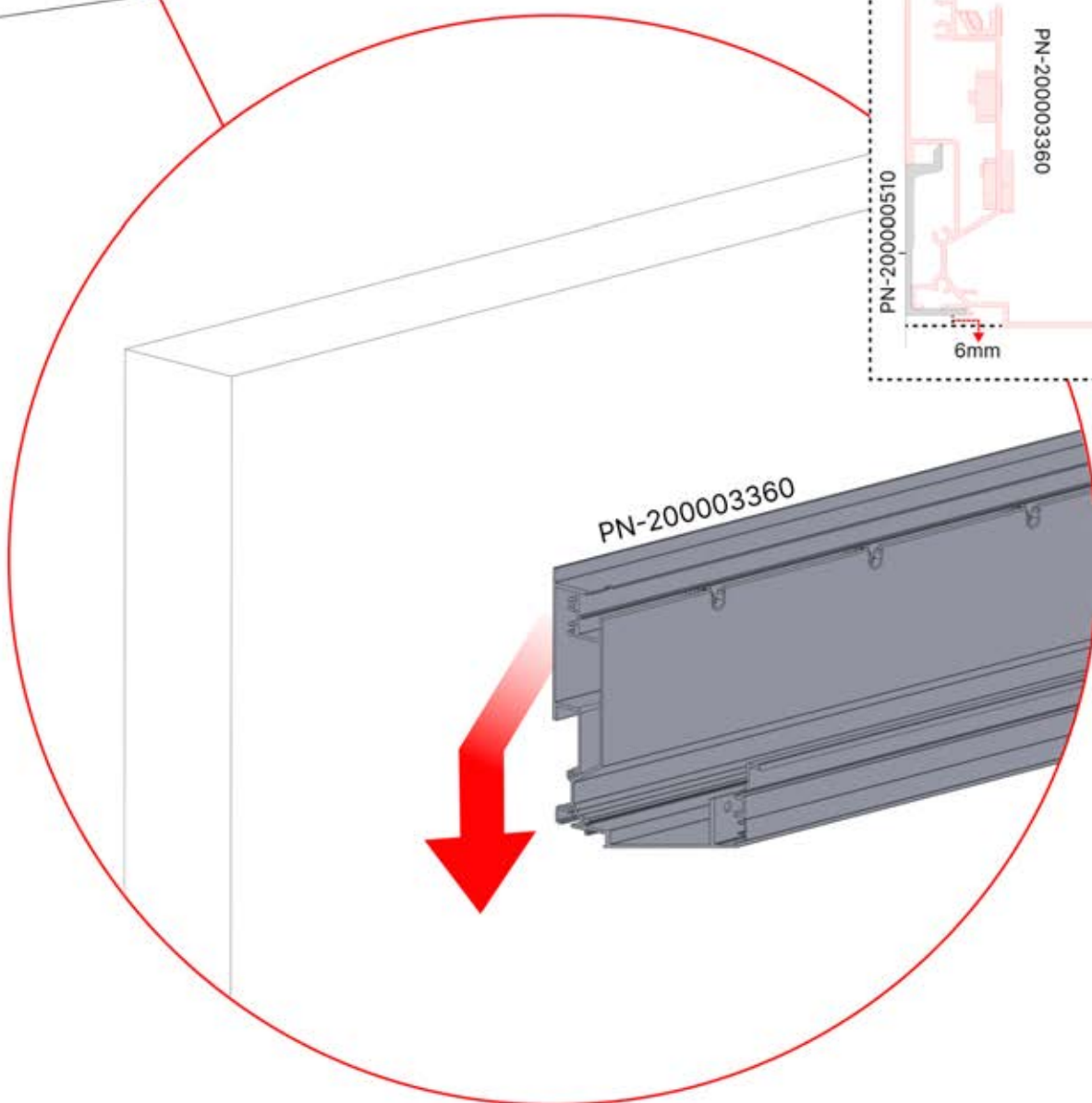
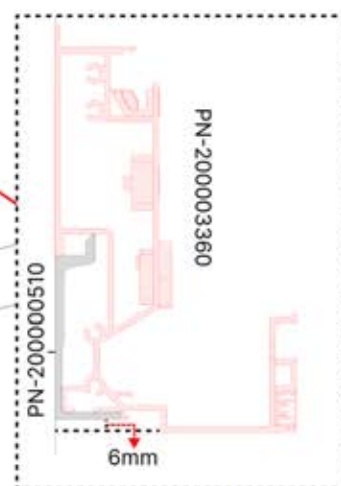
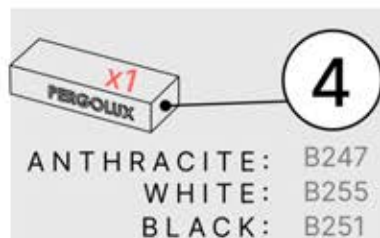
5400 mm



2356 mm
92 3/4"



04



05



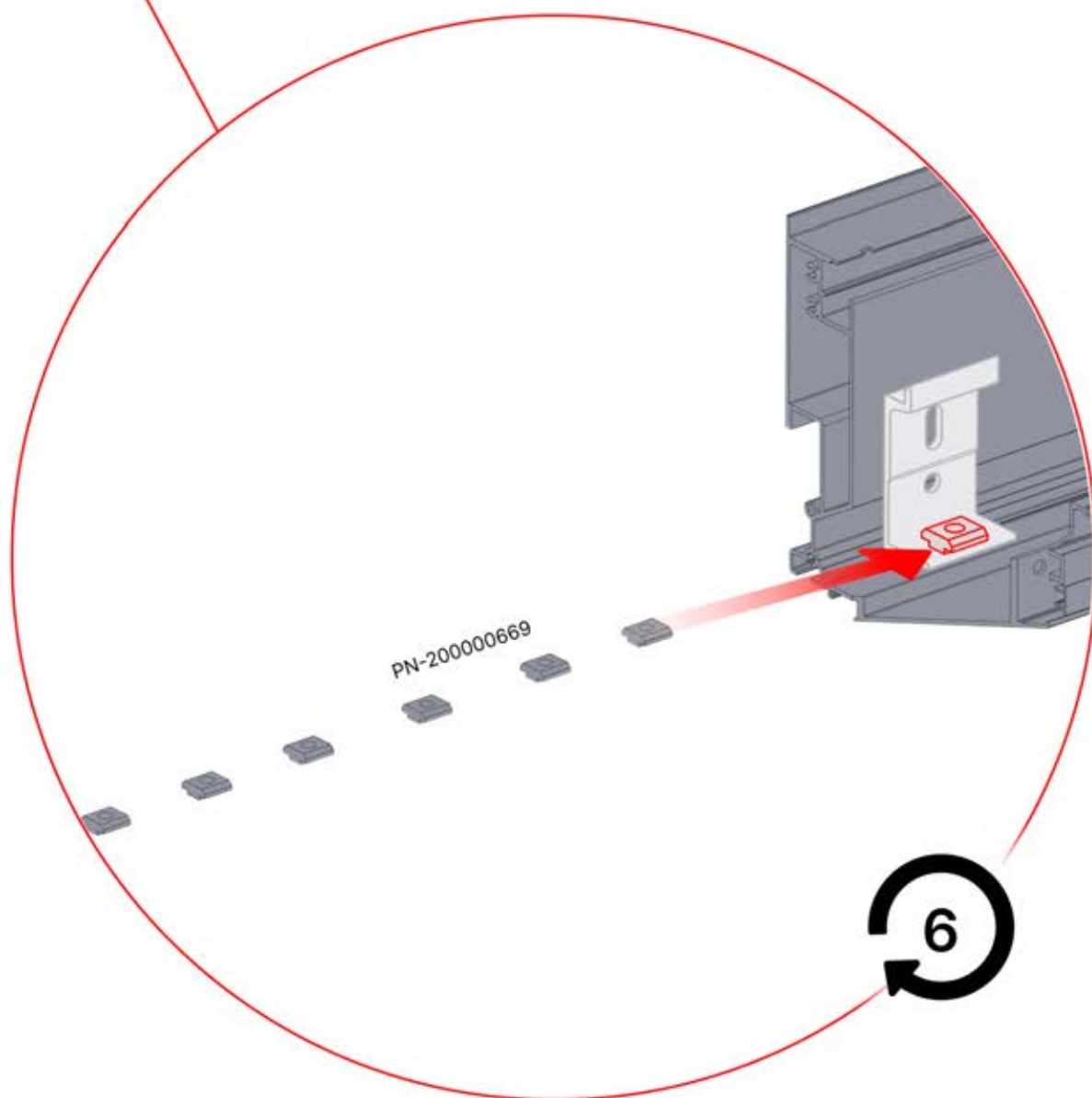
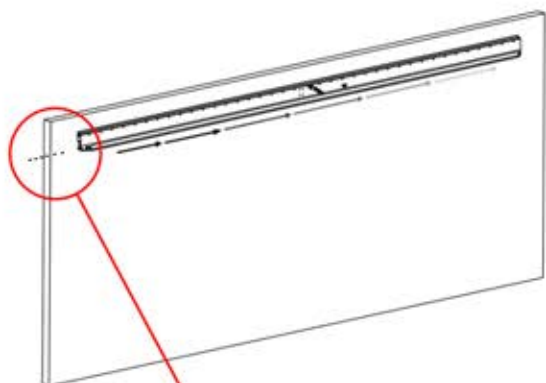
4

ANTHRACITE: B247
WHITE: B255
BLACK: B251

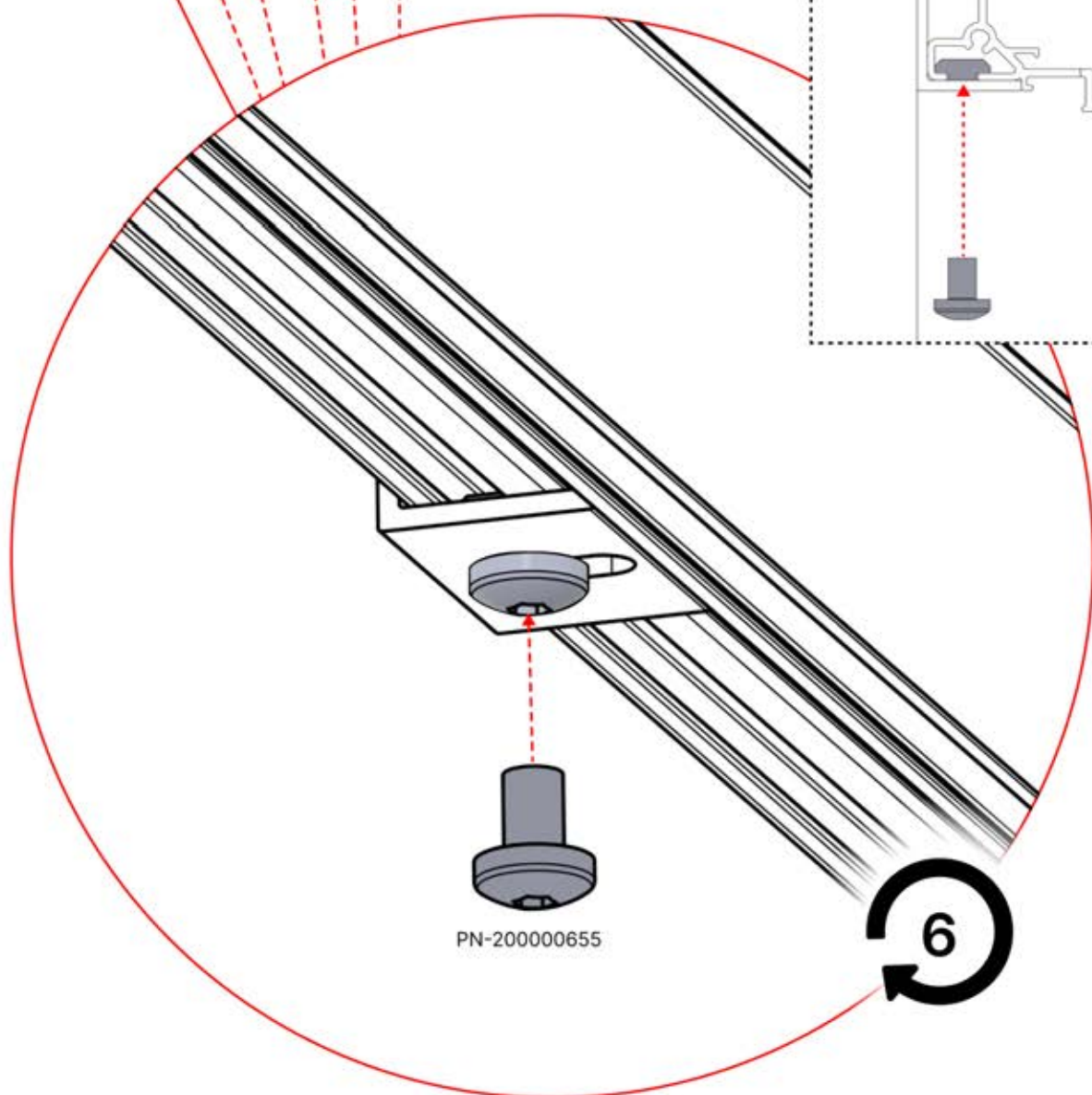
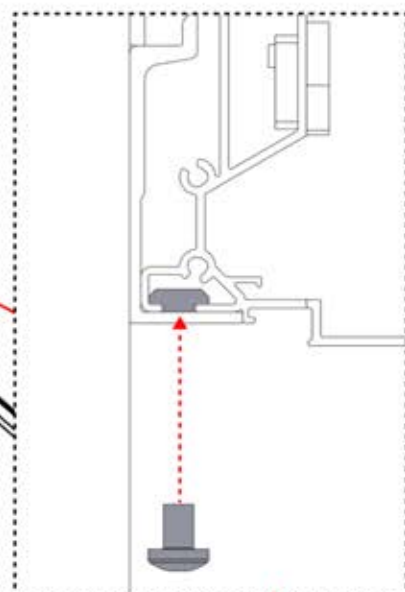
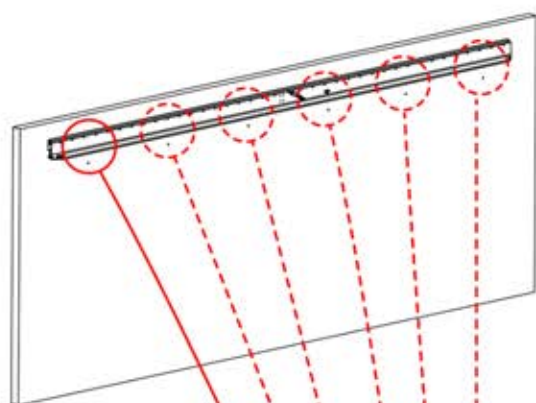
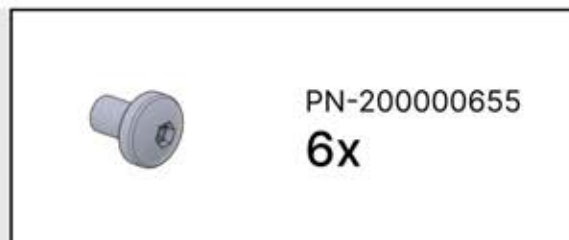
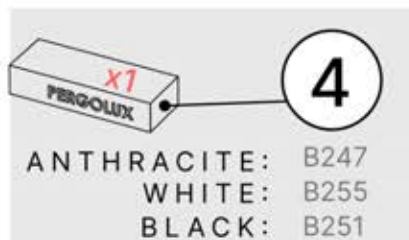


PN-200000669

6x



06



07


x1
4

ANTHRACITE: B247
 WHITE: B255
 BLACK: B251


x1
5

ANTHRACITE: B263
 WHITE: B267
 BLACK: B265



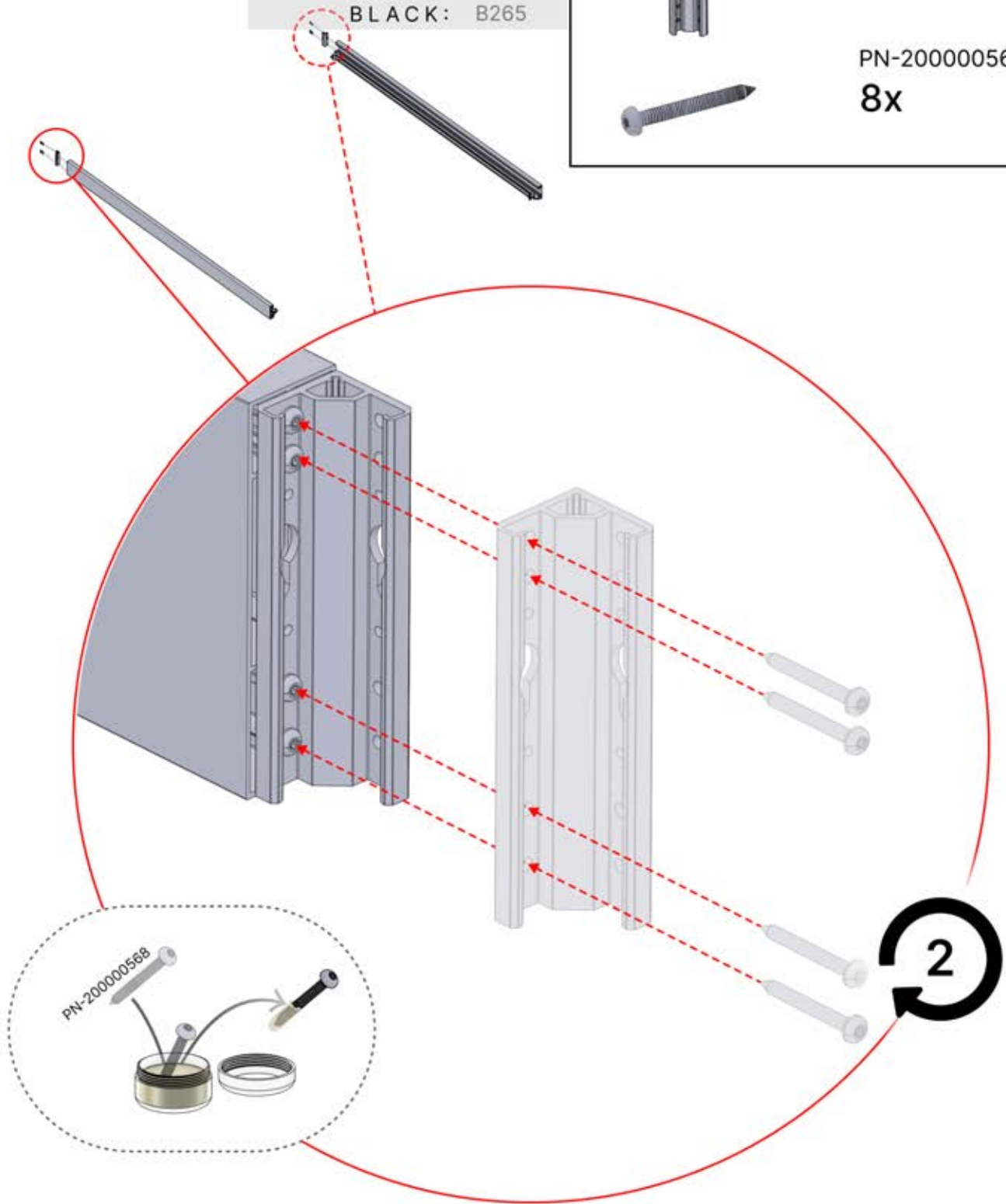
 PN-200003358
1x



 PN-200003359
1x


 PN-200003308
2x


 PN-200000568
8x



08



5

ANTHRACITE: B263
WHITE: B267
BLACK: B265



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



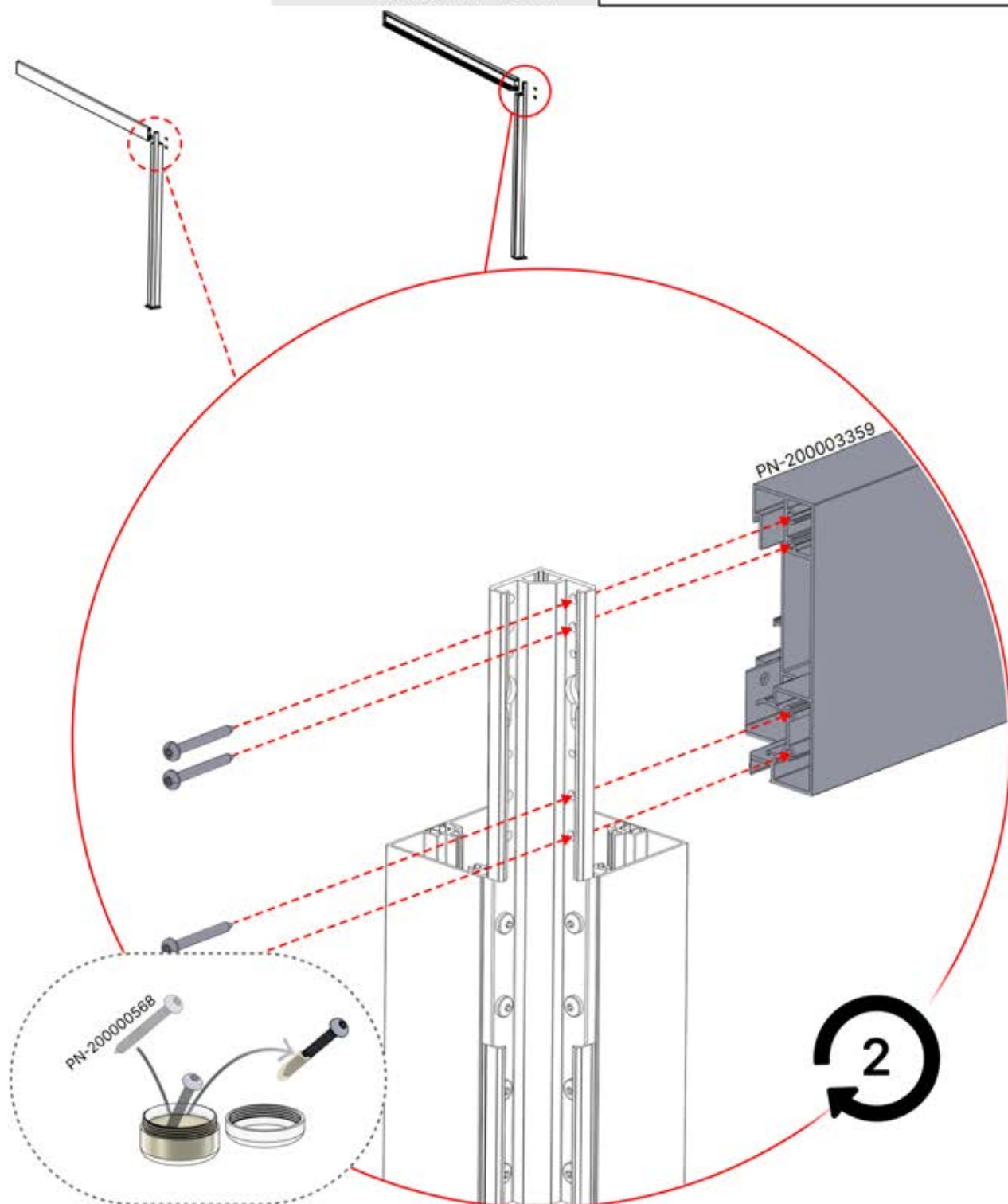
PN-200003358
1x



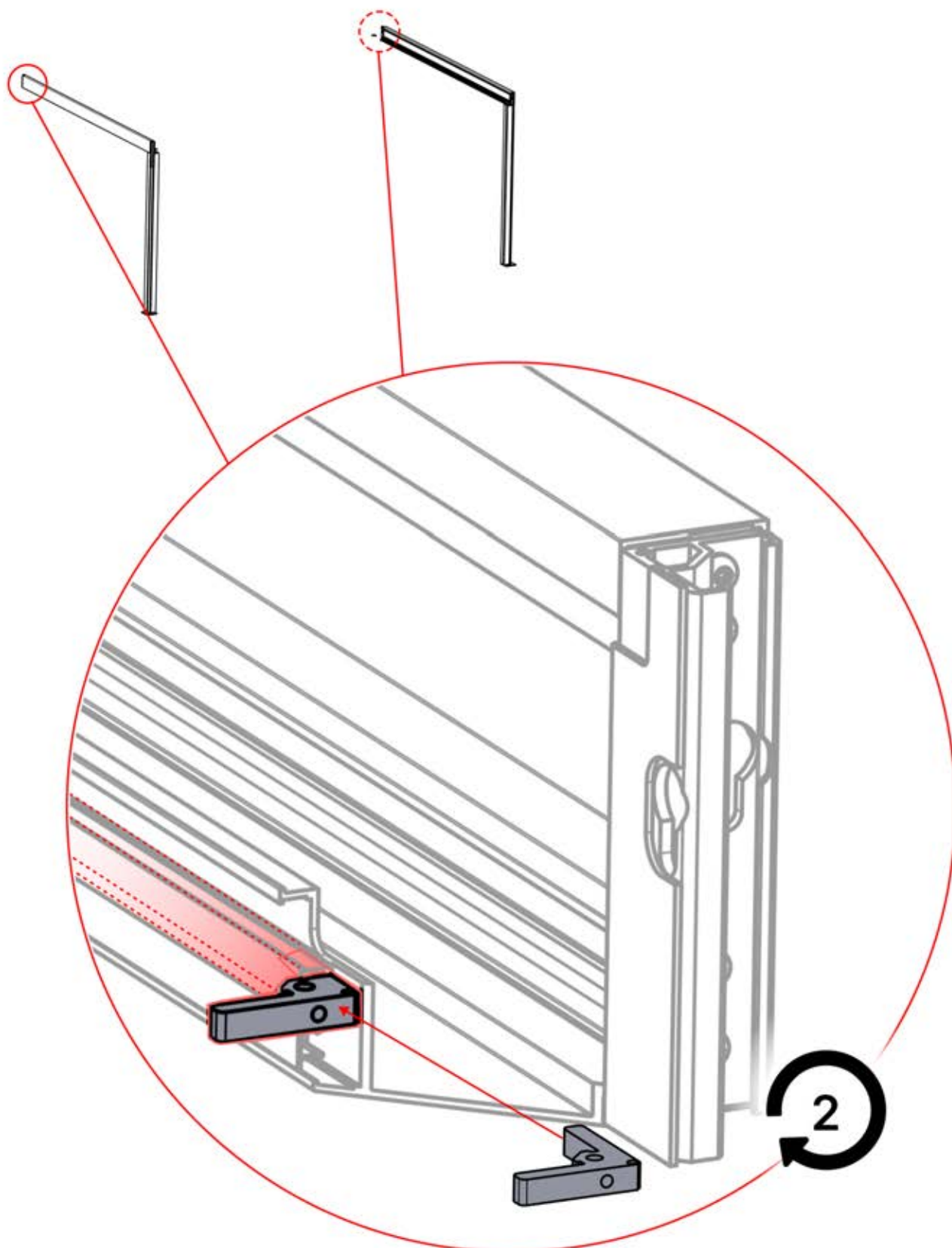
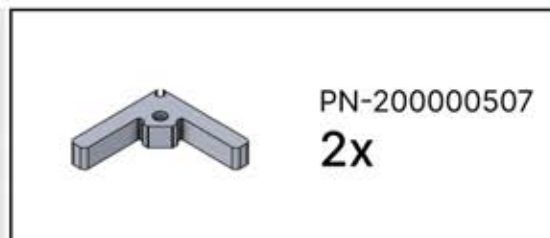
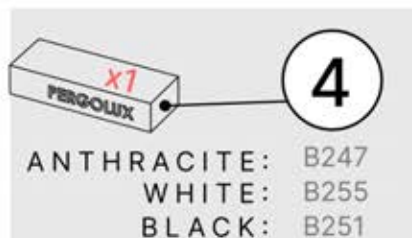
PN-200003359
1x



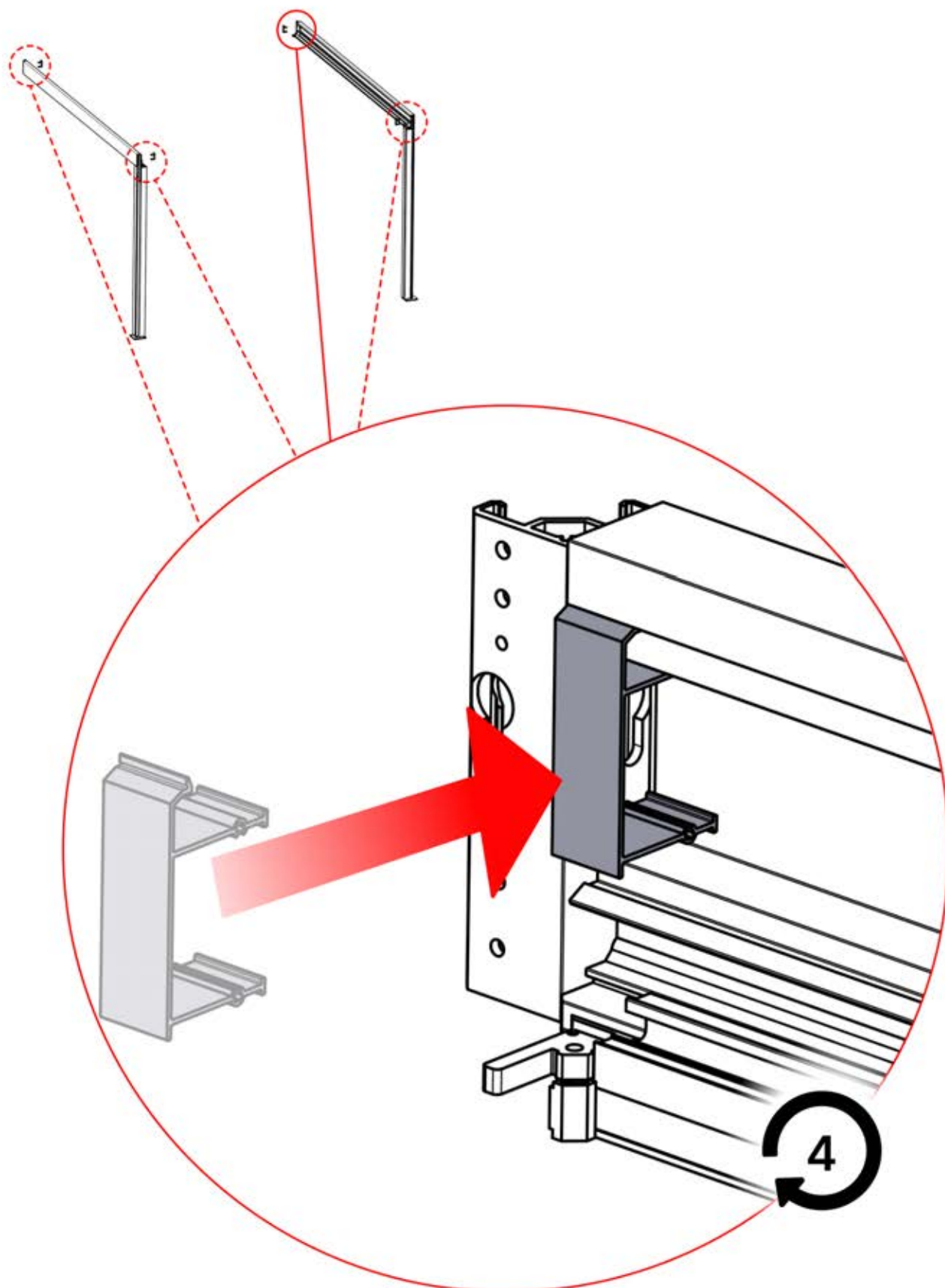
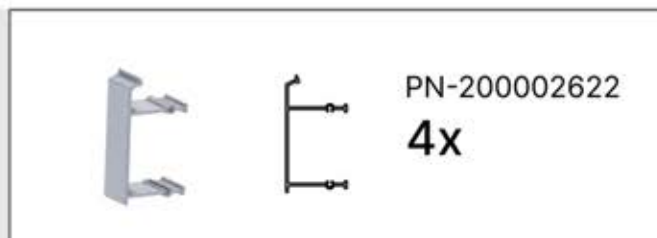
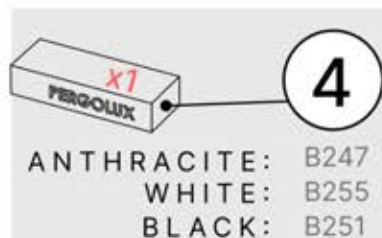
PN-200000568
8x



09



10



11



x1

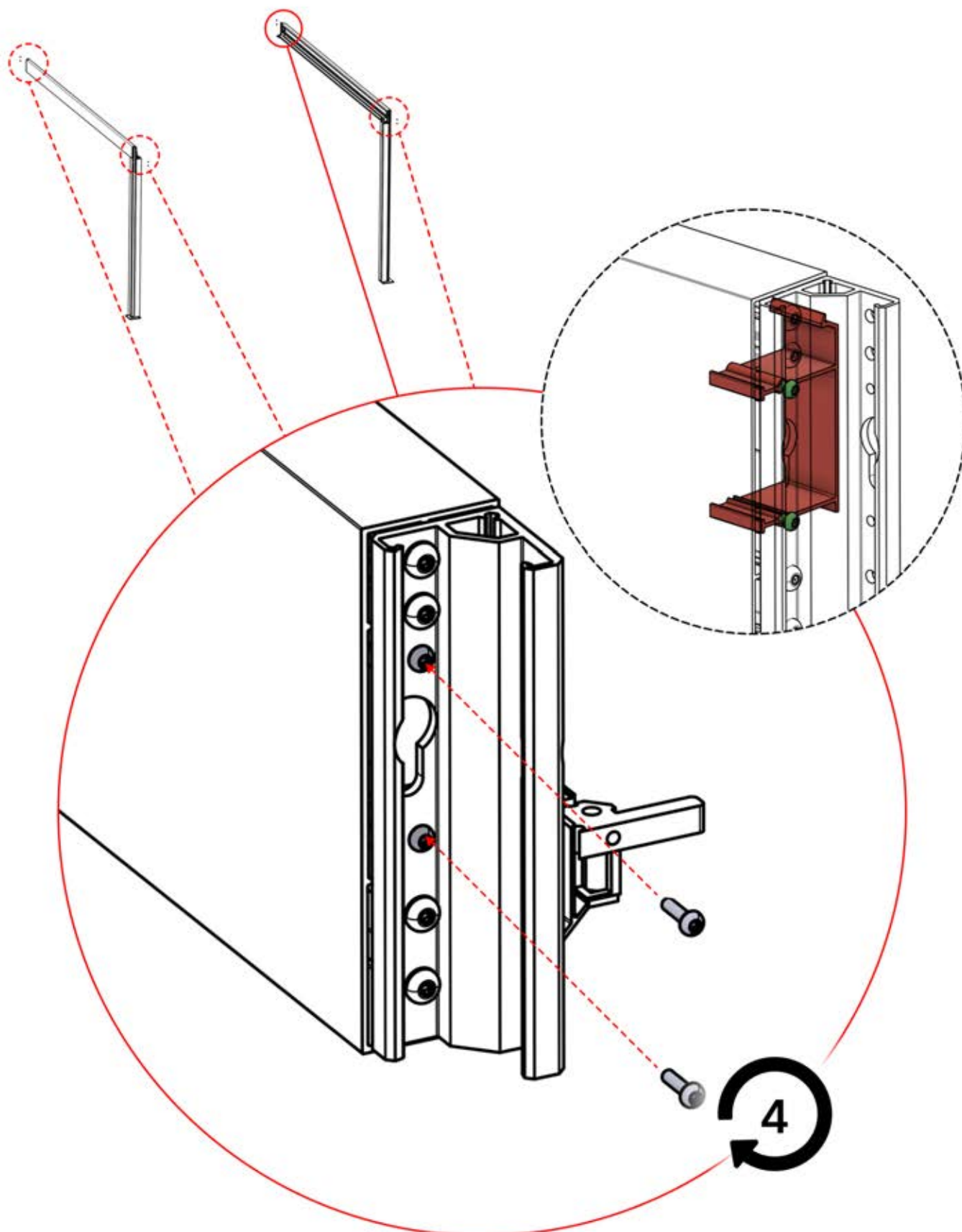
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ANTHRACITE: B247
WHITE: B255
BLACK: B251

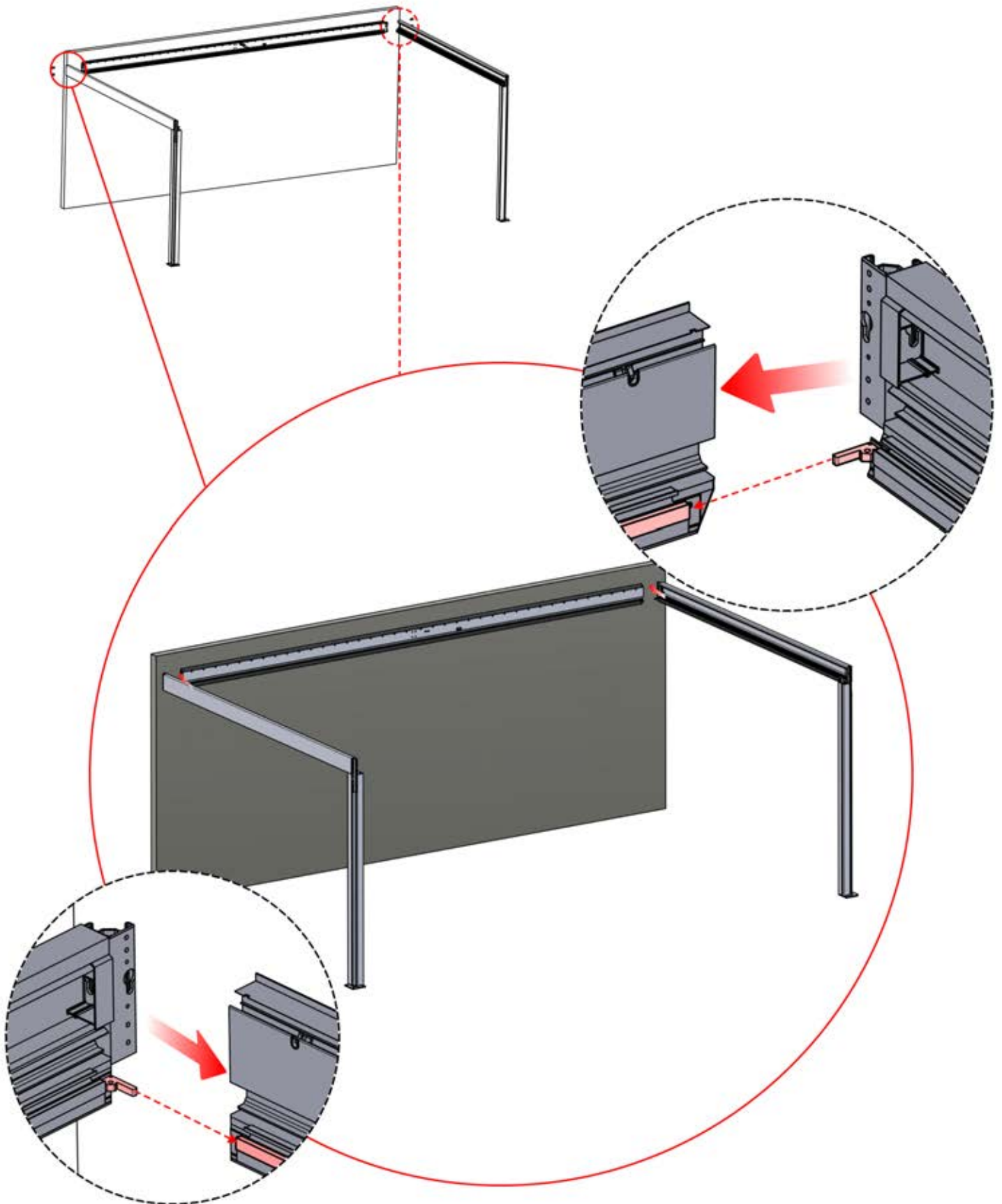


4.2X20

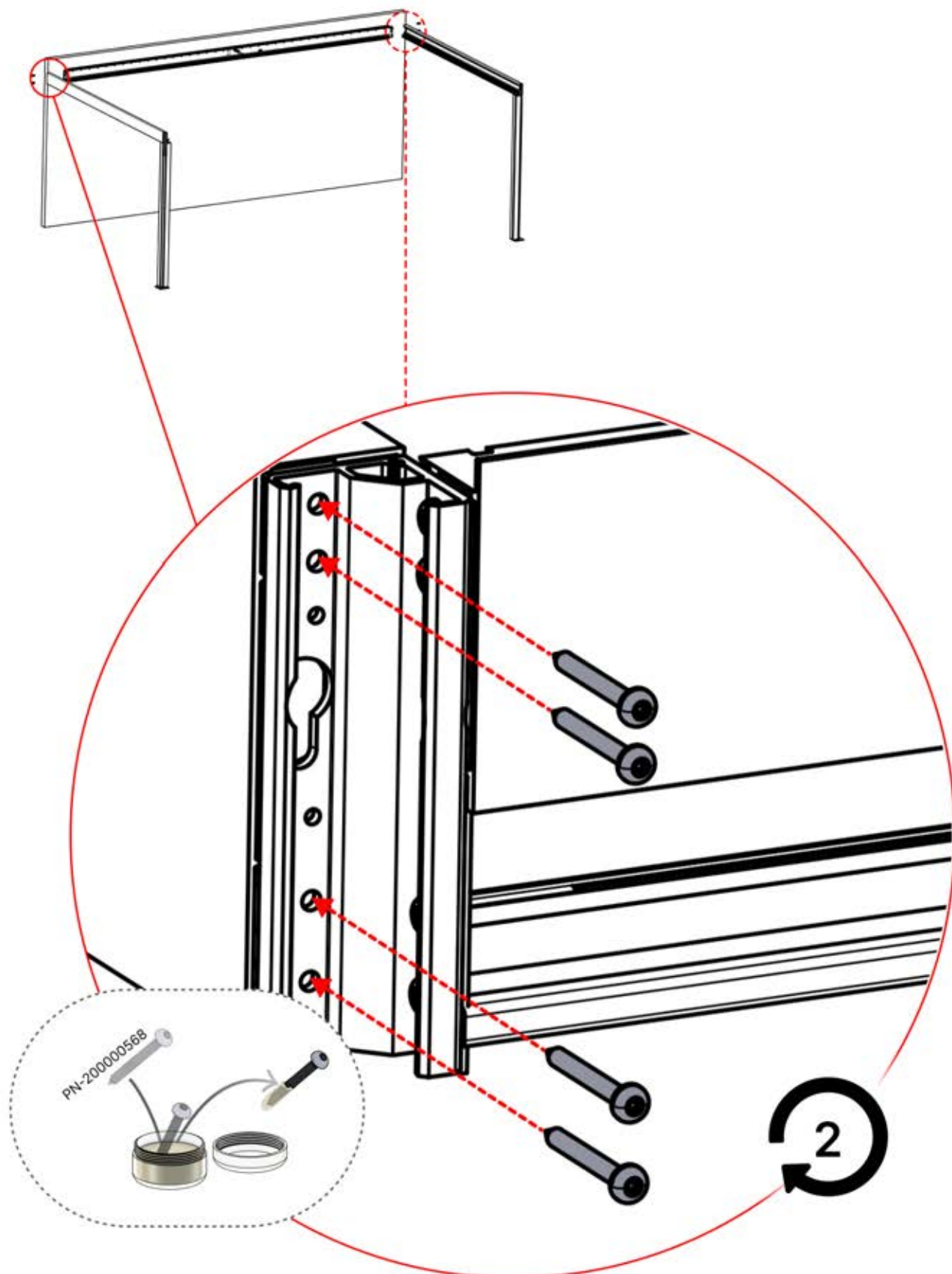
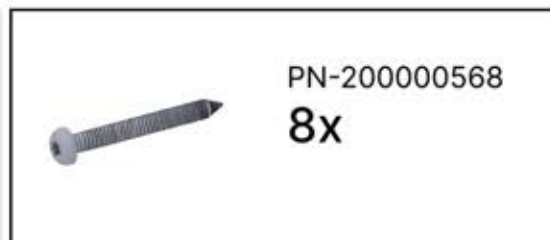
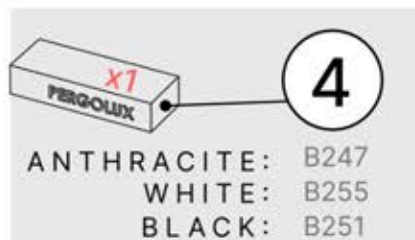
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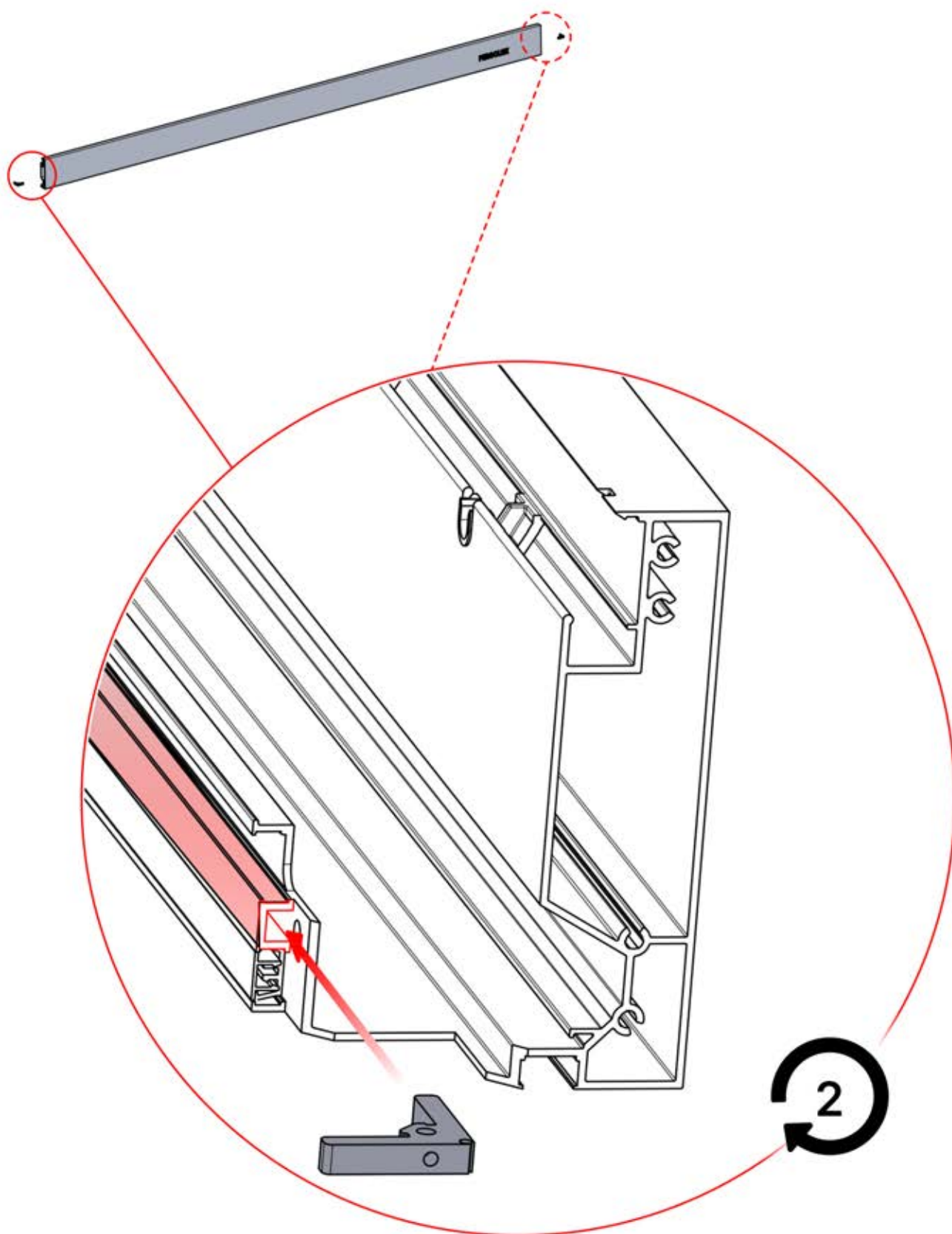
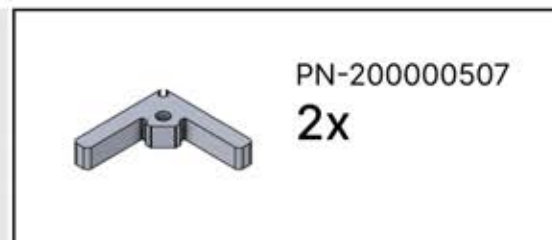
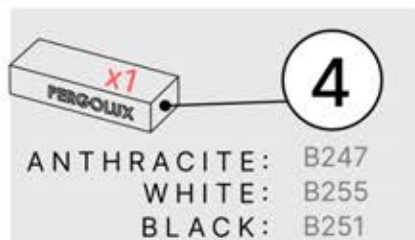
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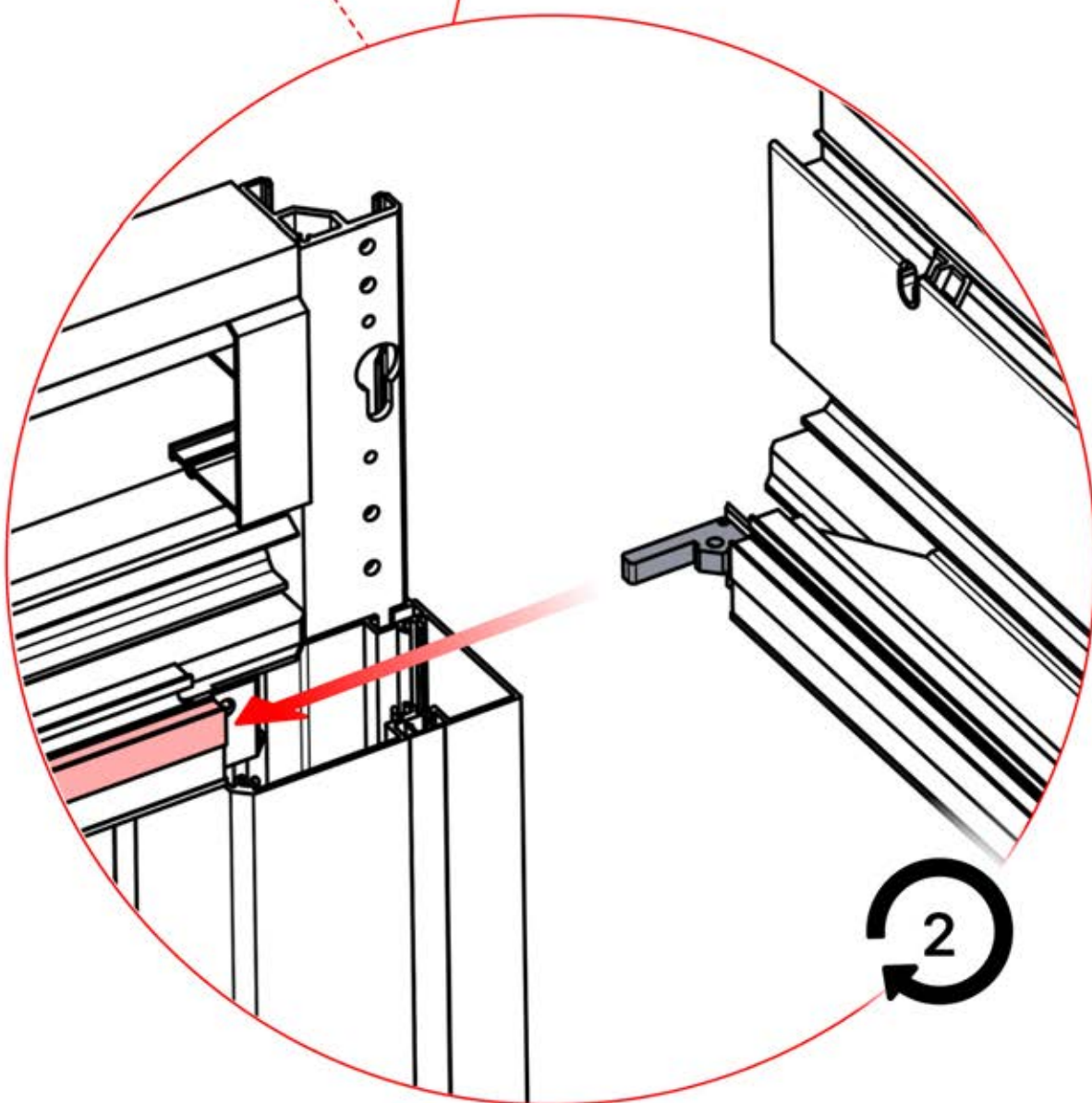
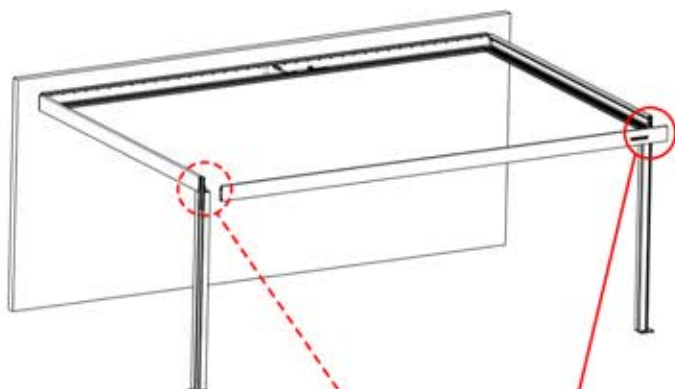
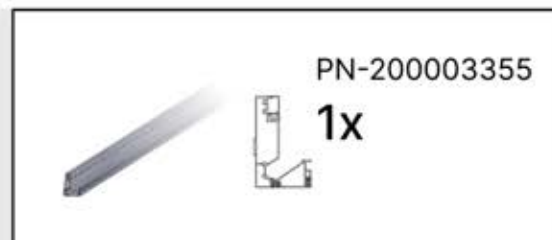
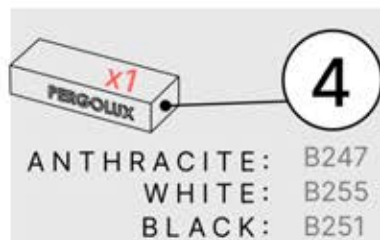
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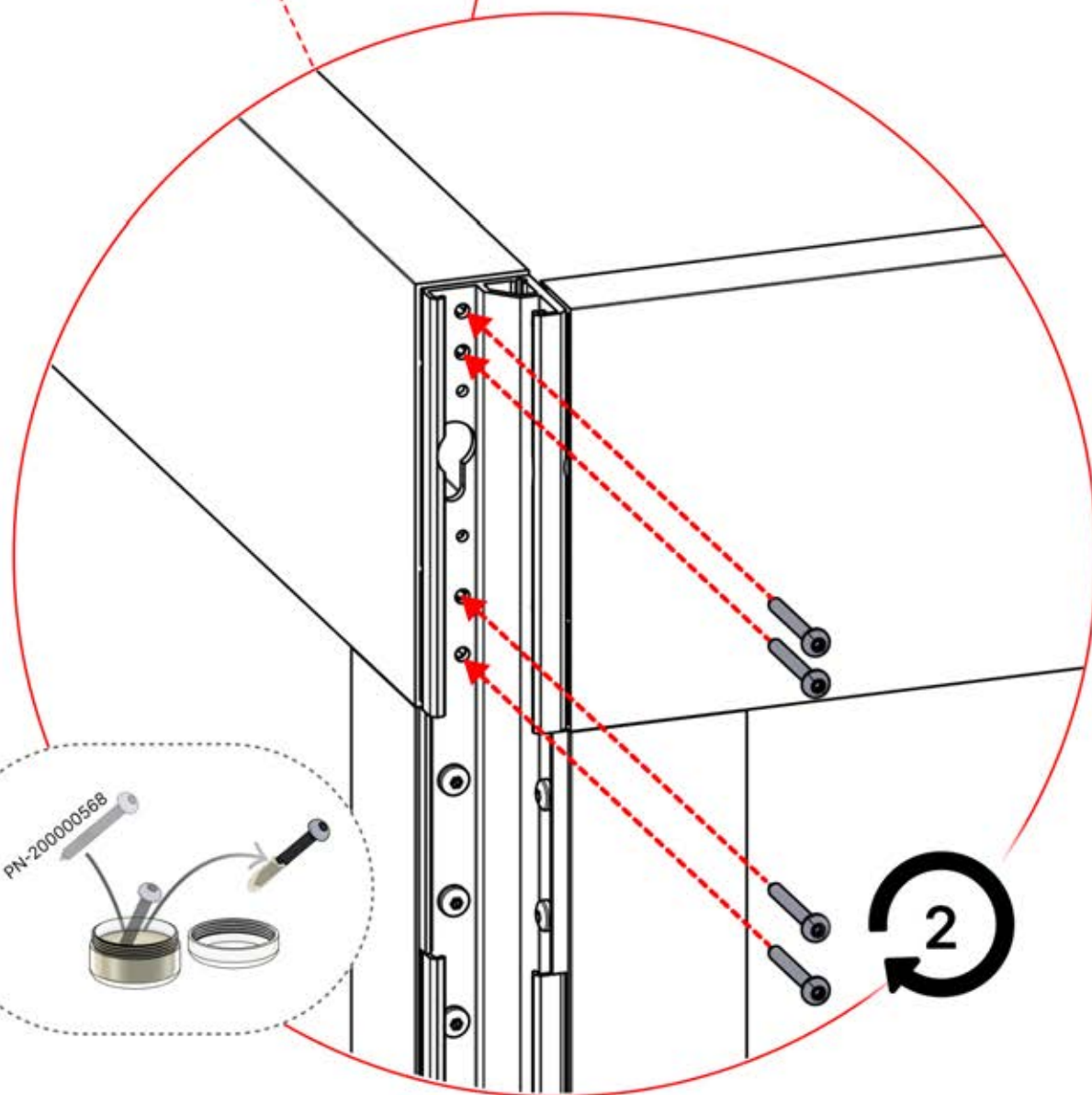
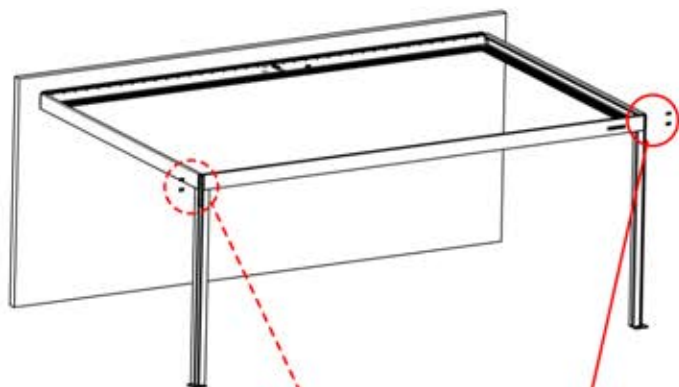
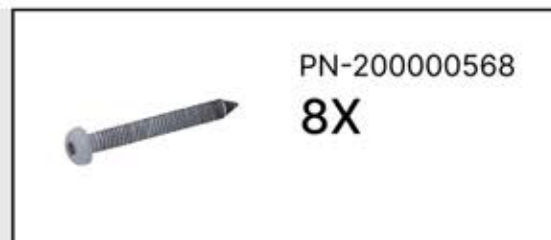
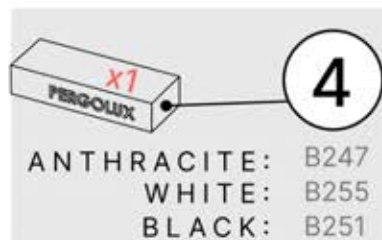
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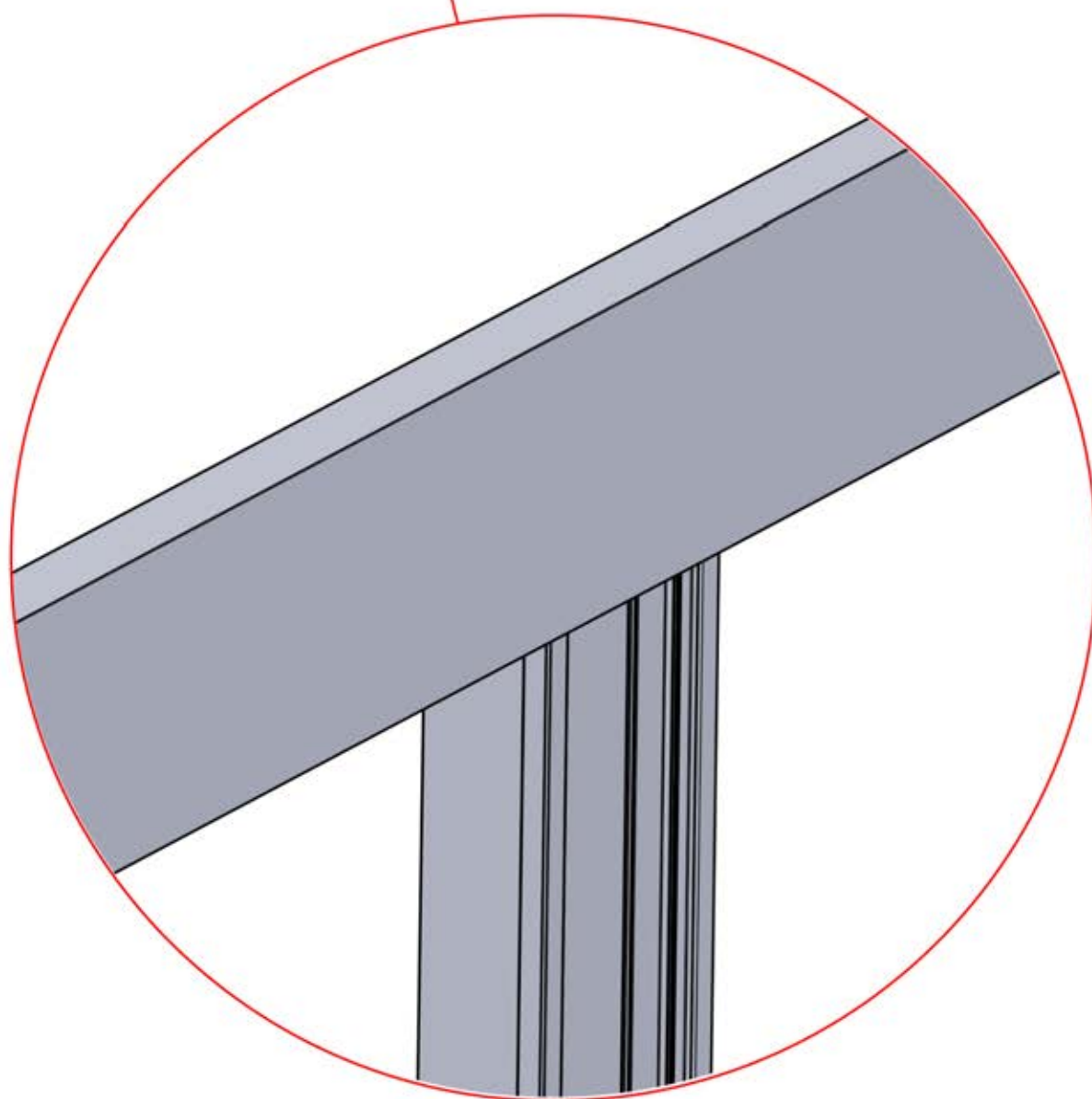
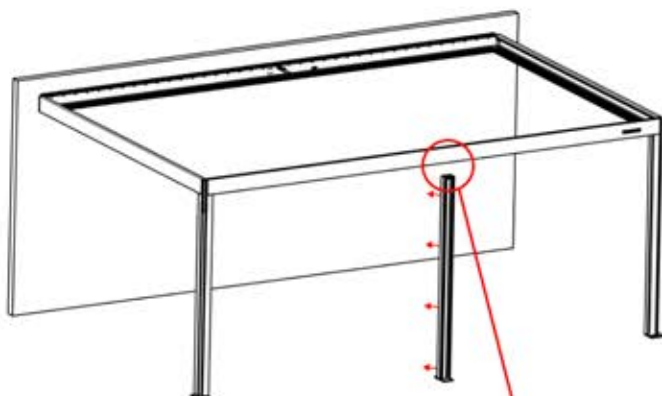
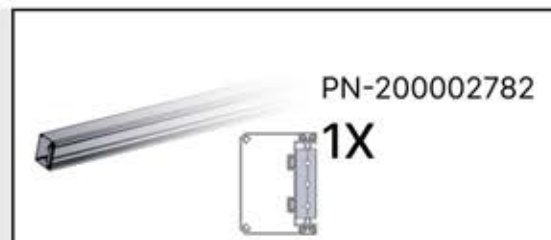
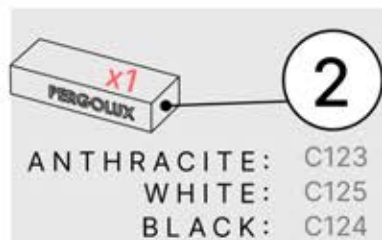
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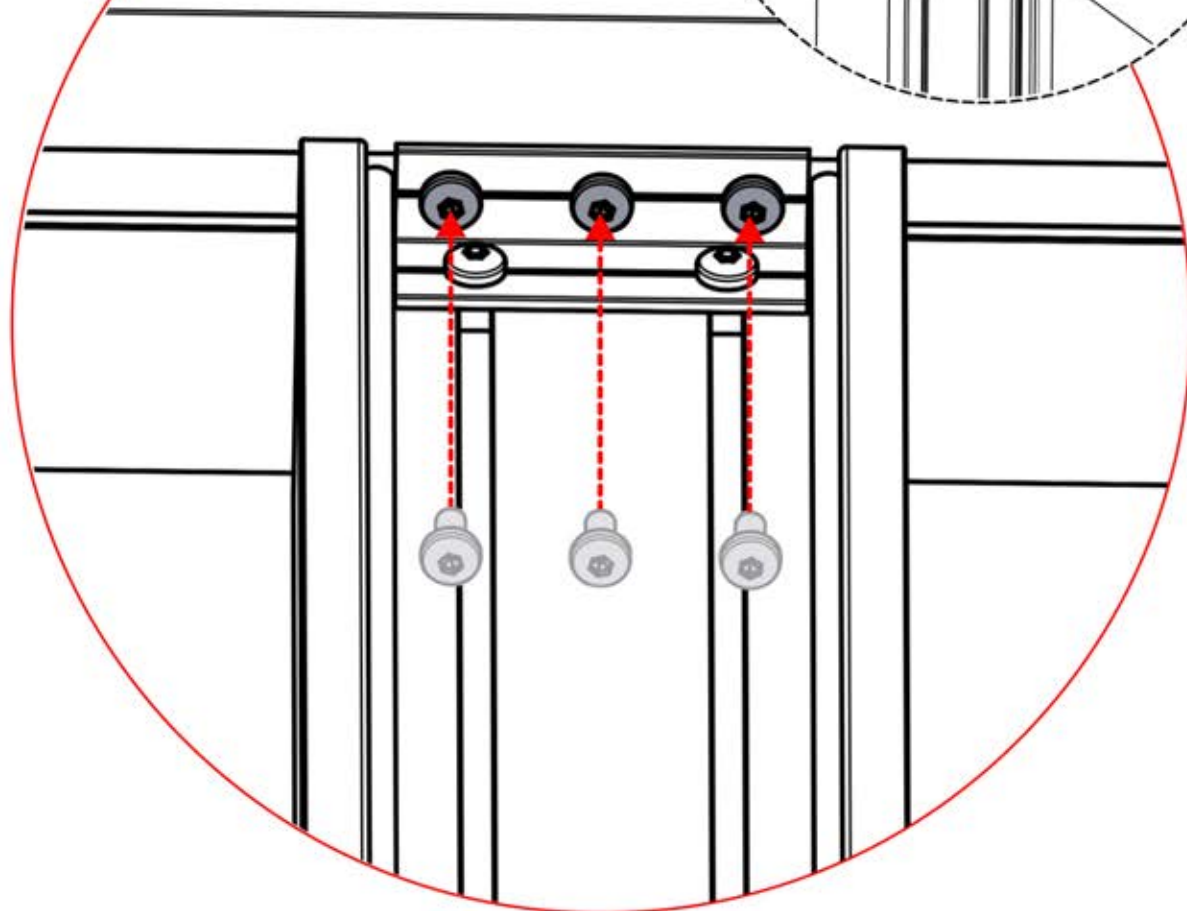
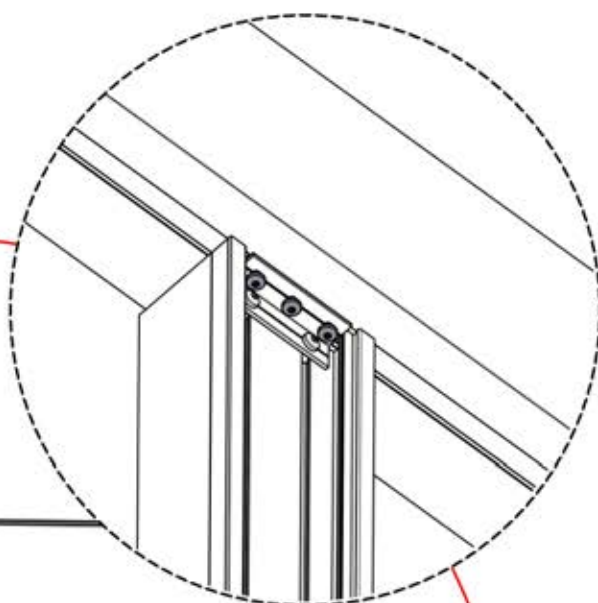
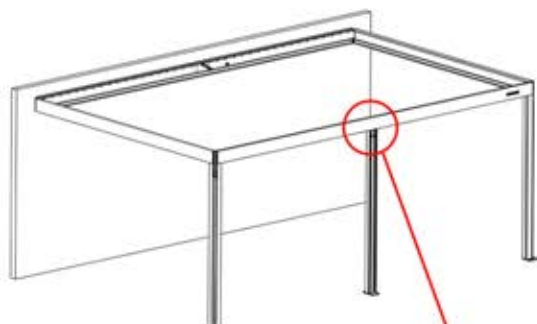
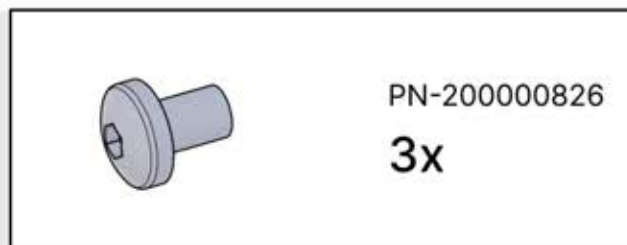
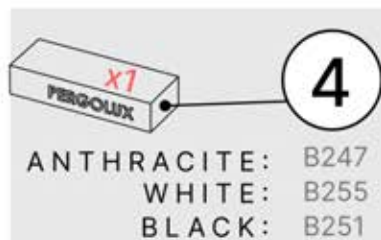
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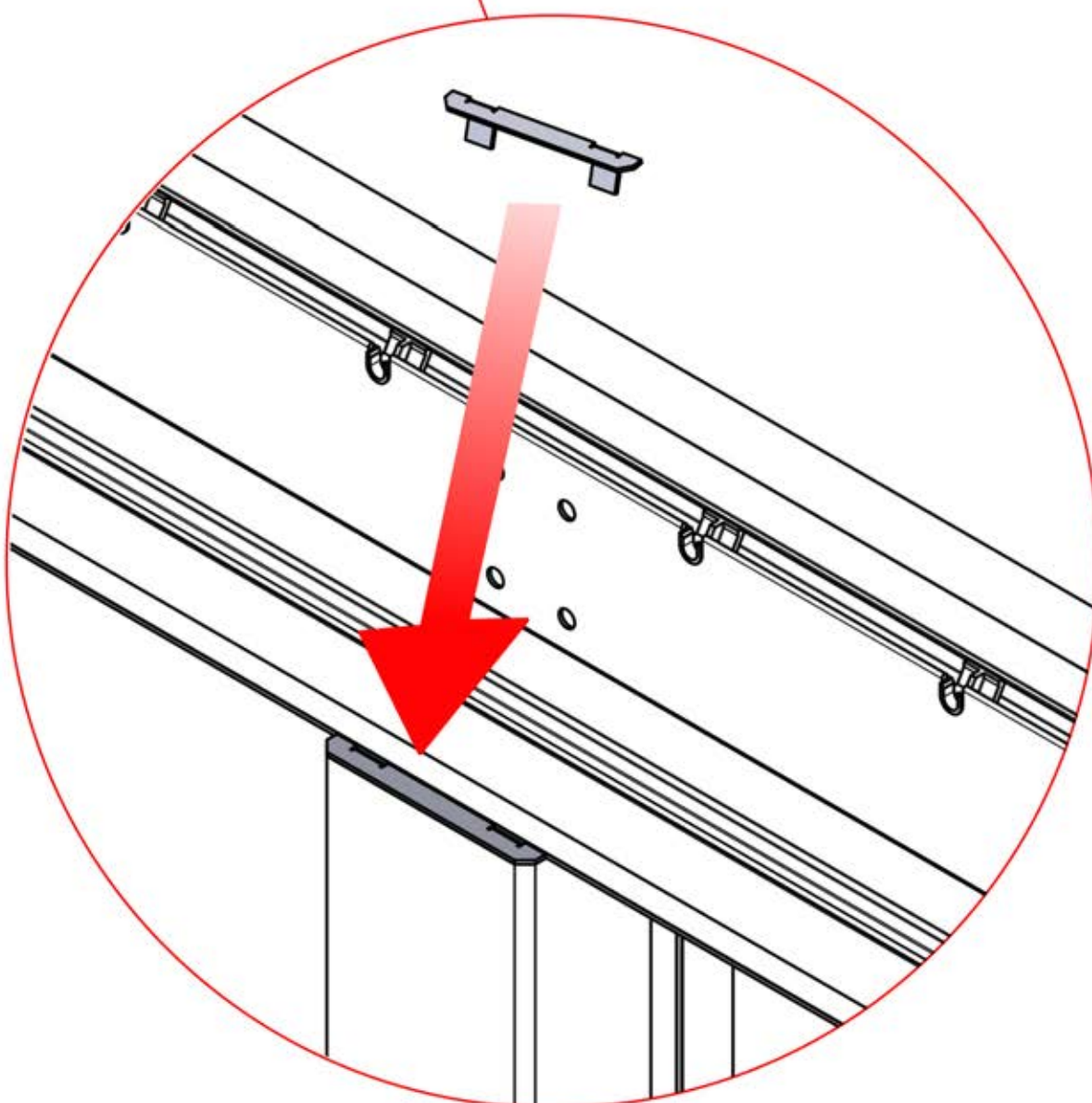
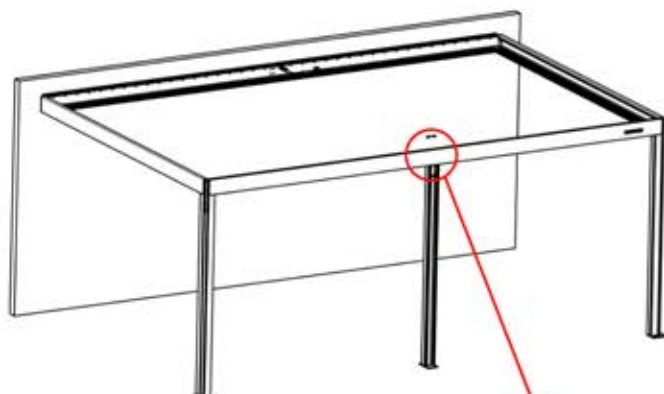
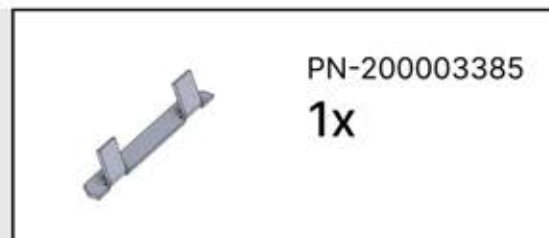
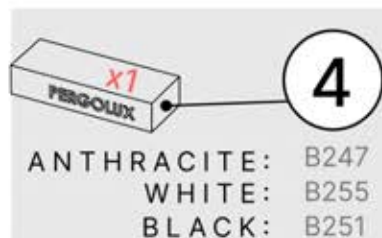
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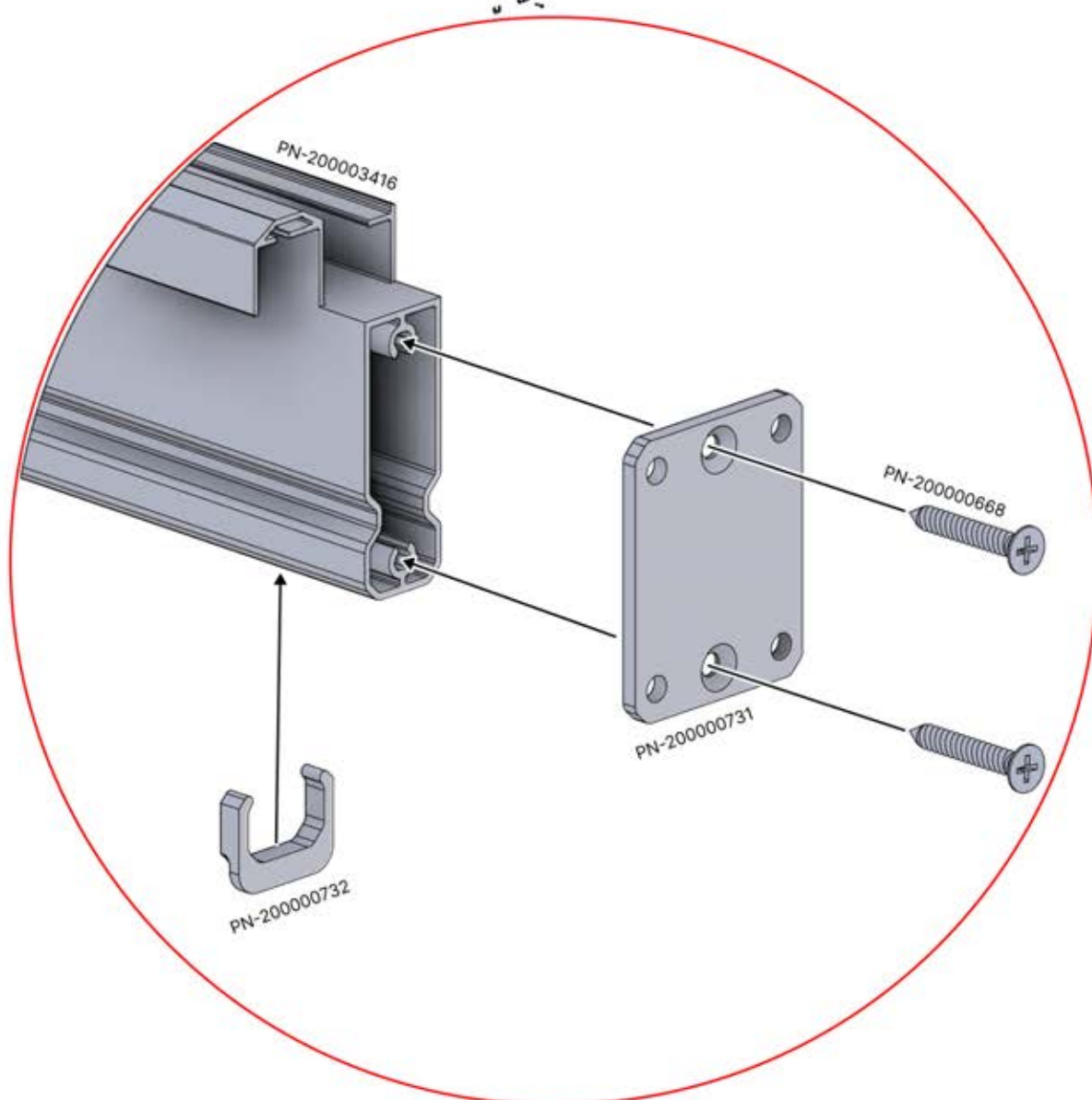
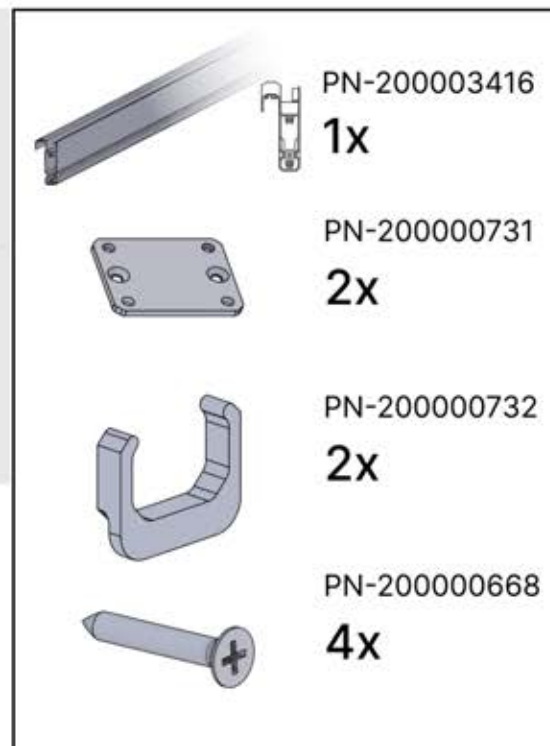
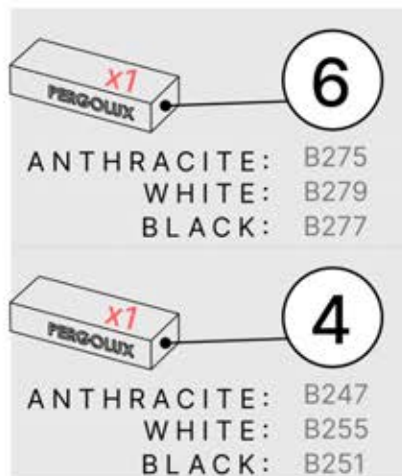
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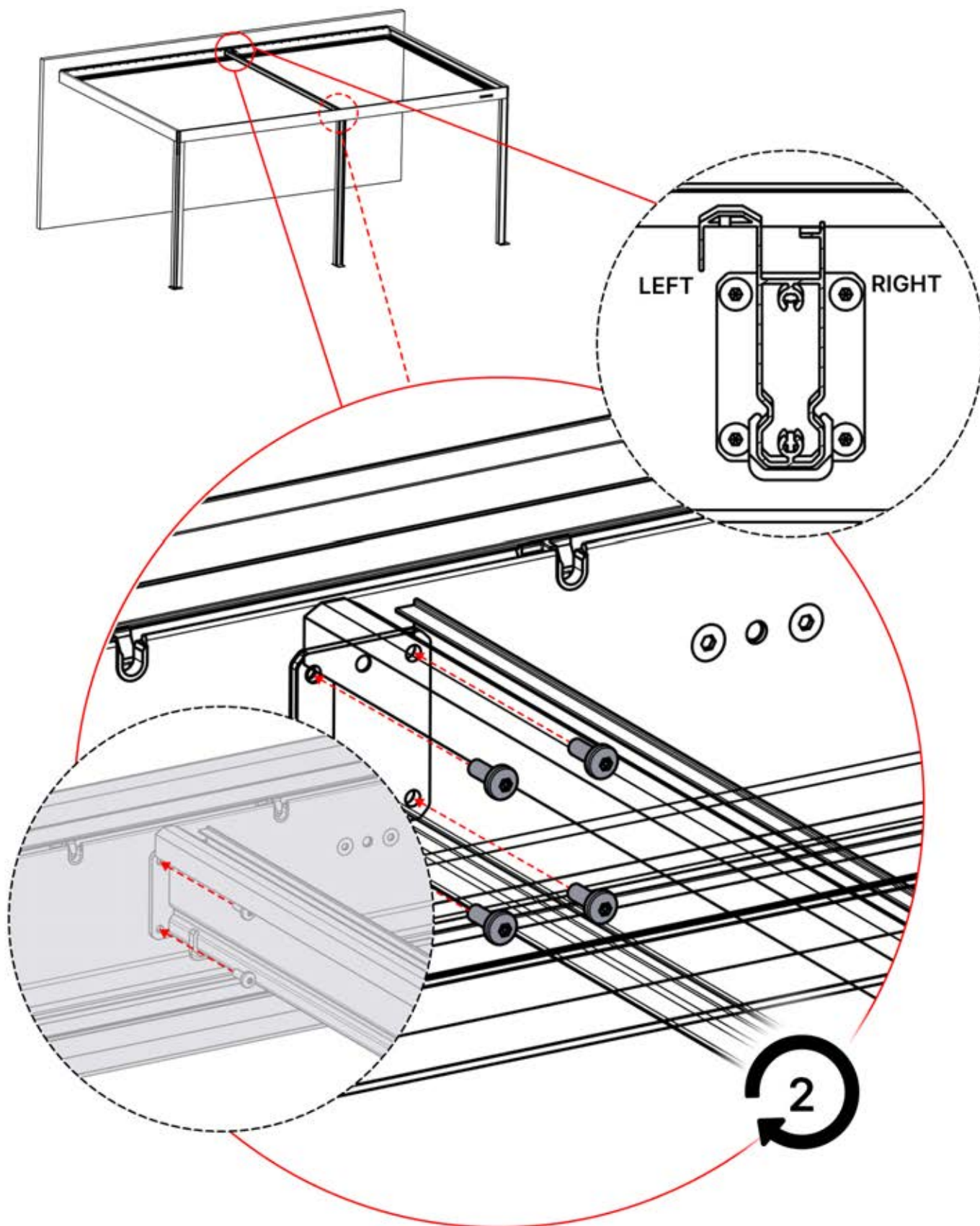
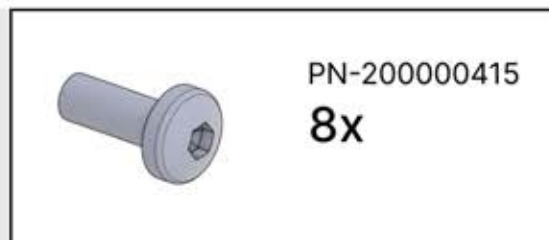
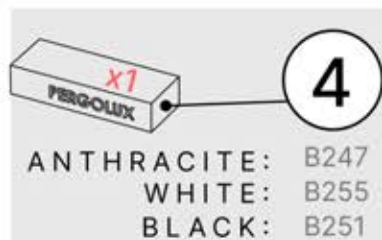
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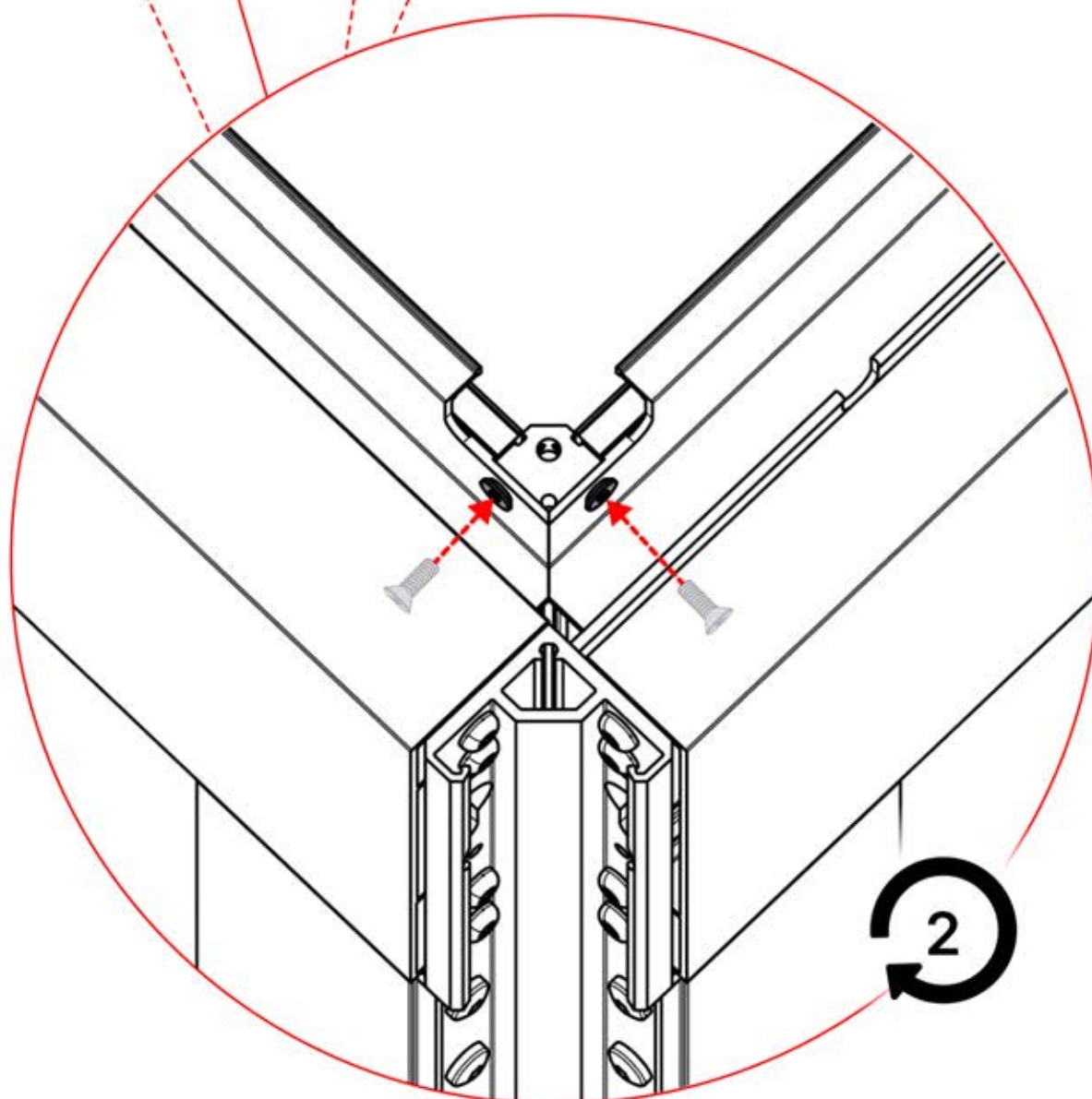
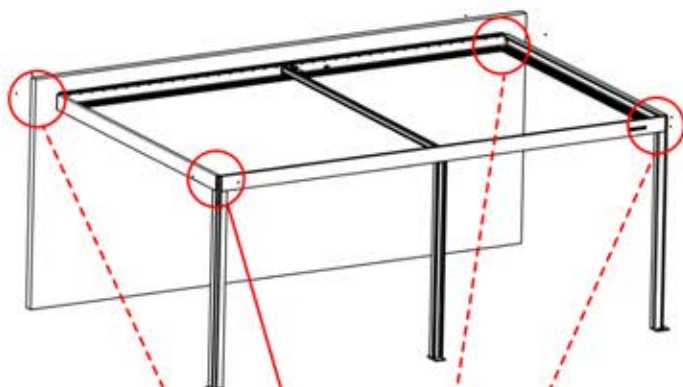
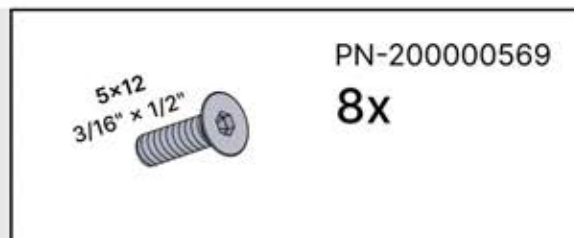
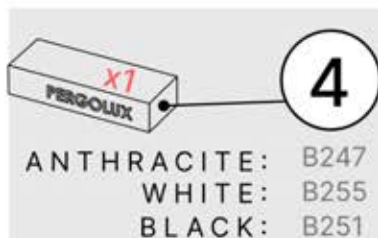
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21



22



23

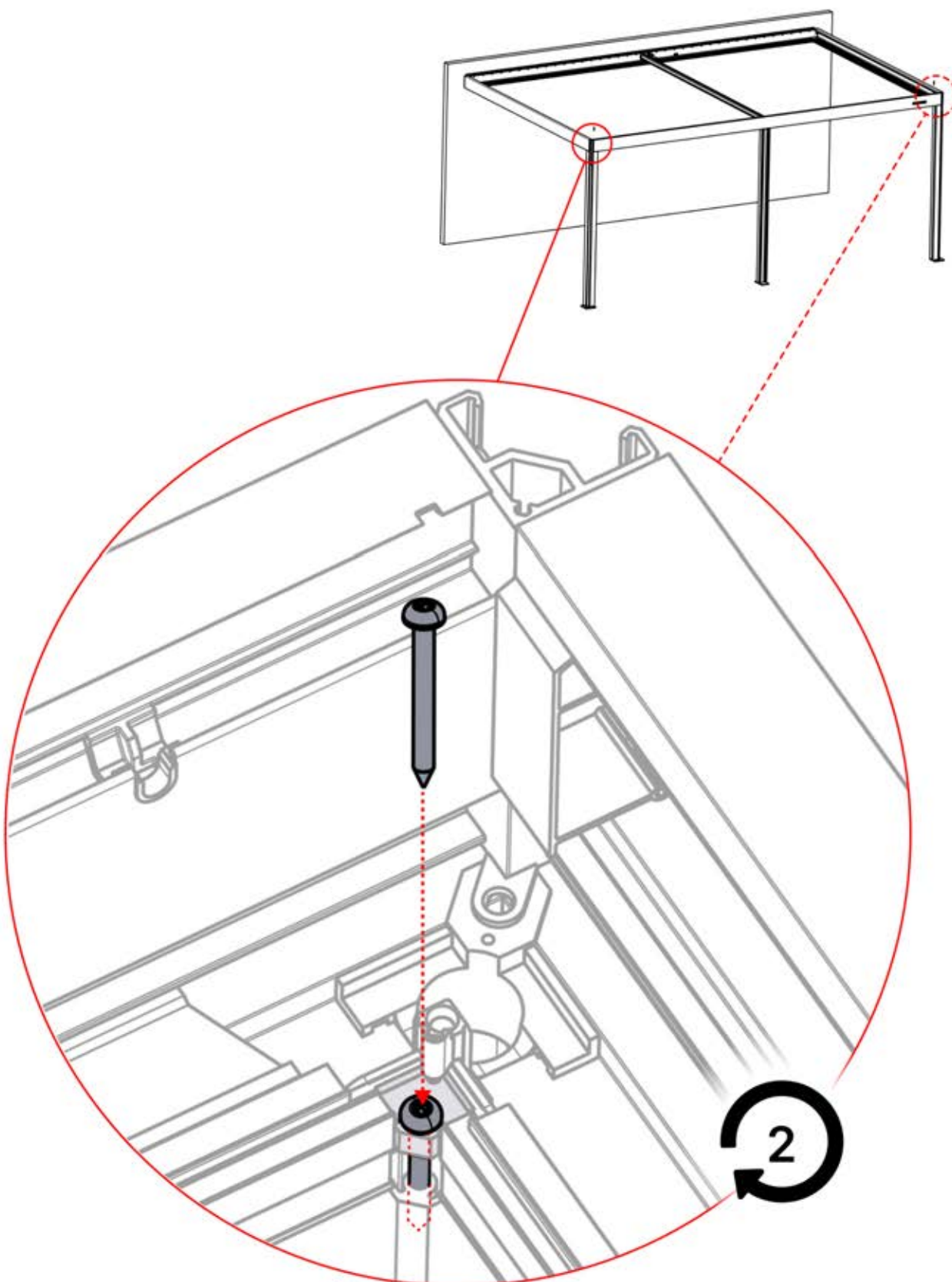


4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200000568
2x



24



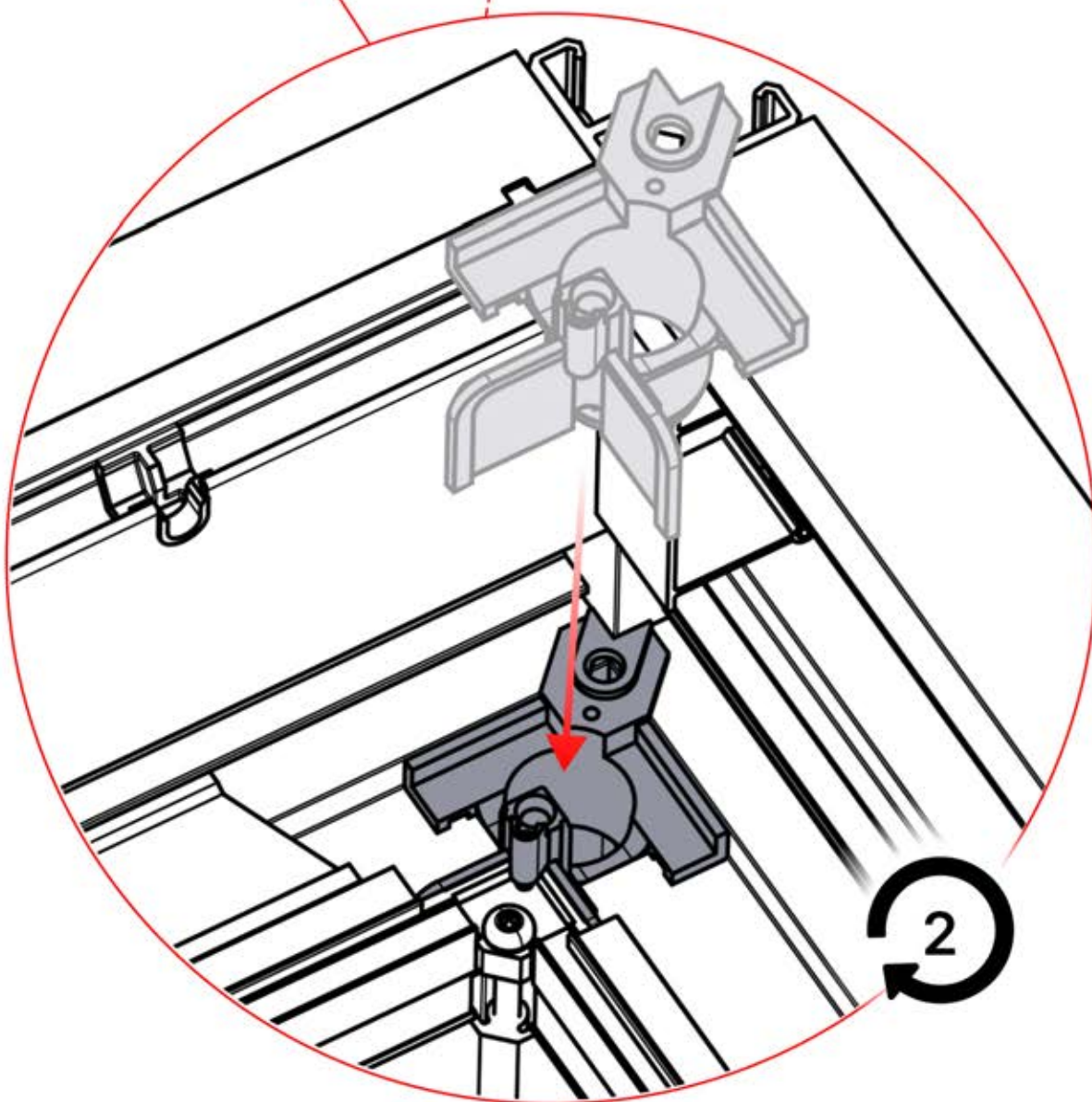
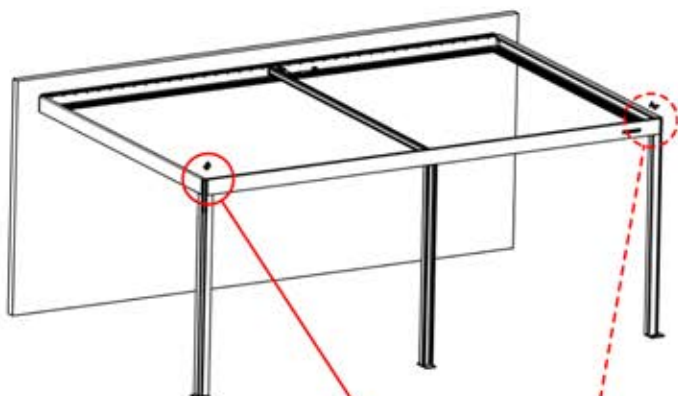
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ANTHRACITE: B247
WHITE: B255
BLACK: B251

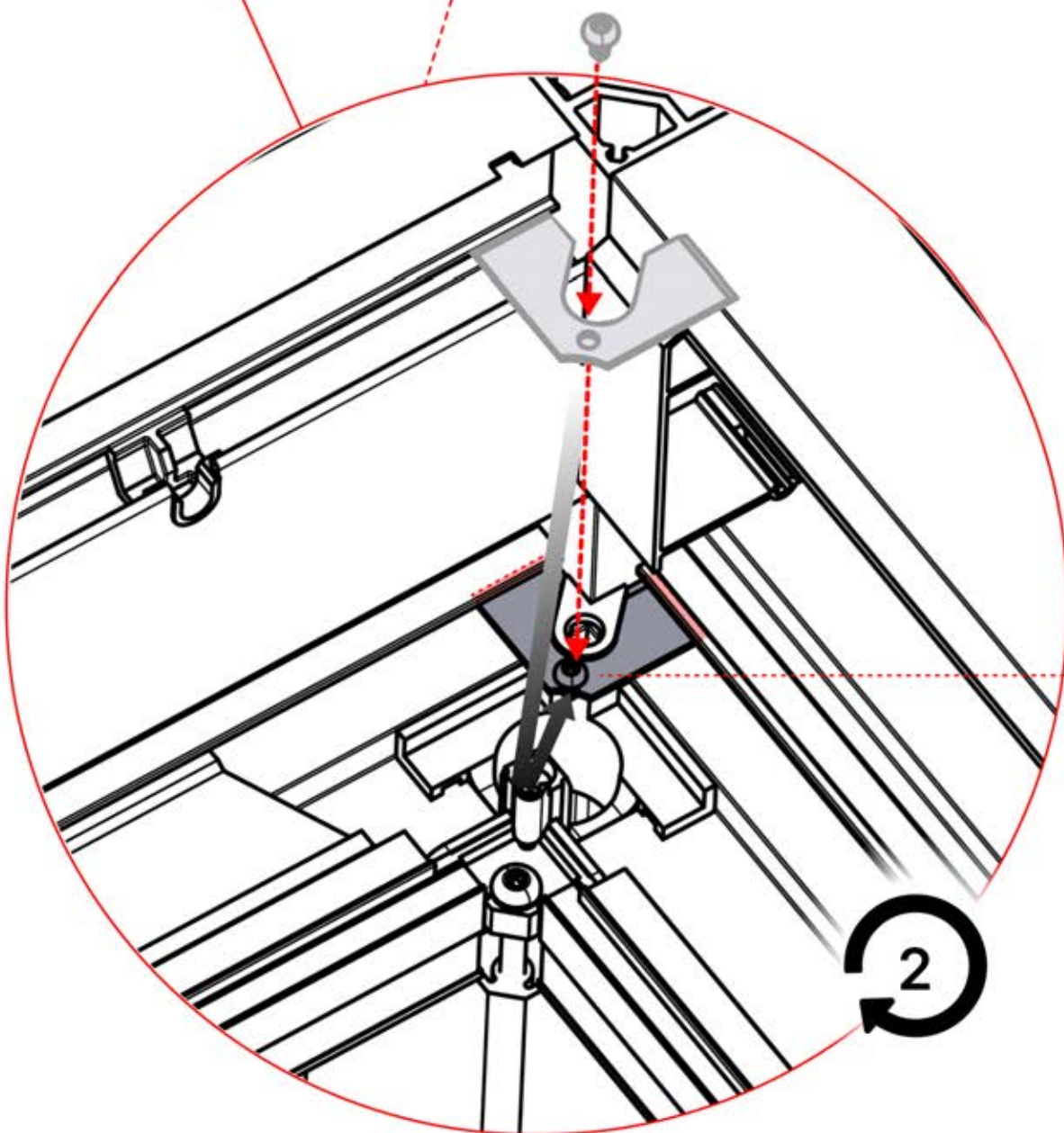
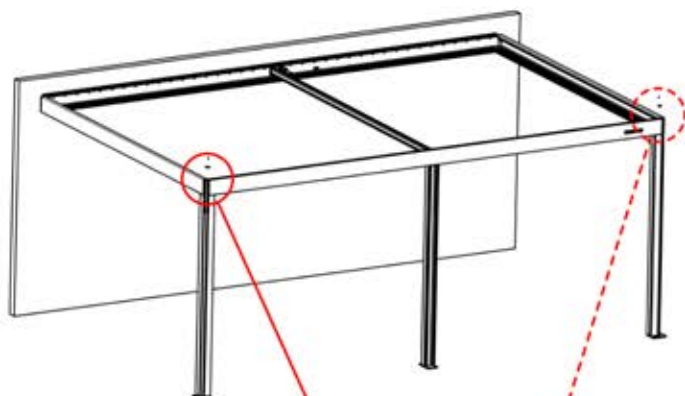
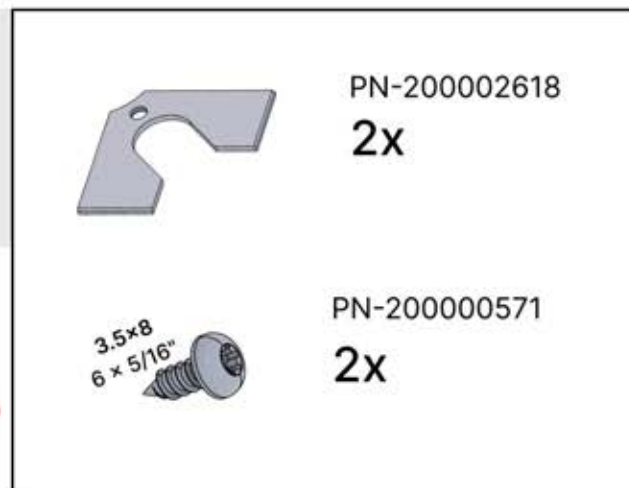
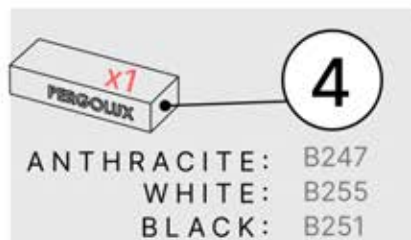


PN-200002617

2x



25

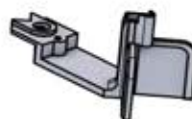


26



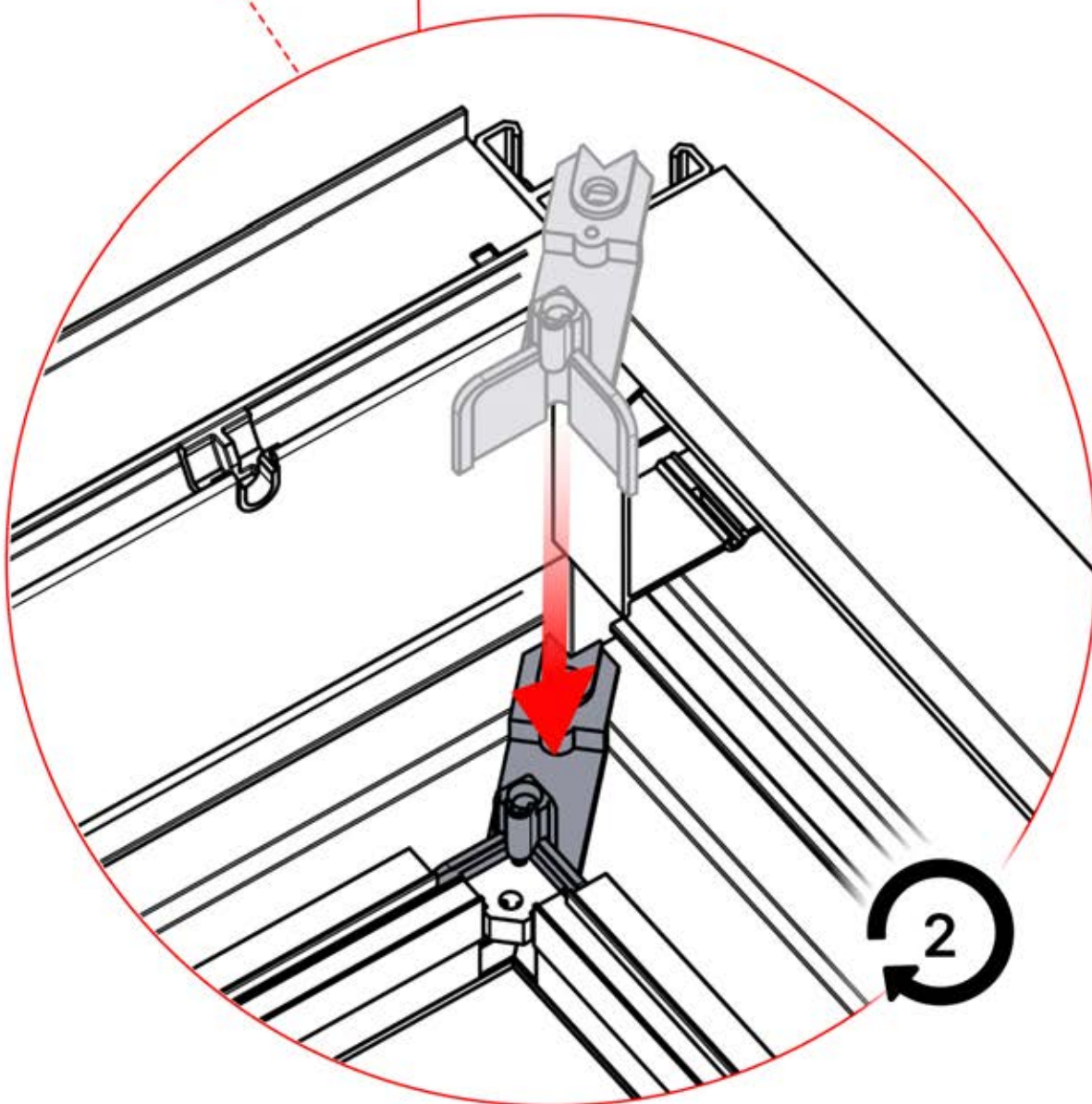
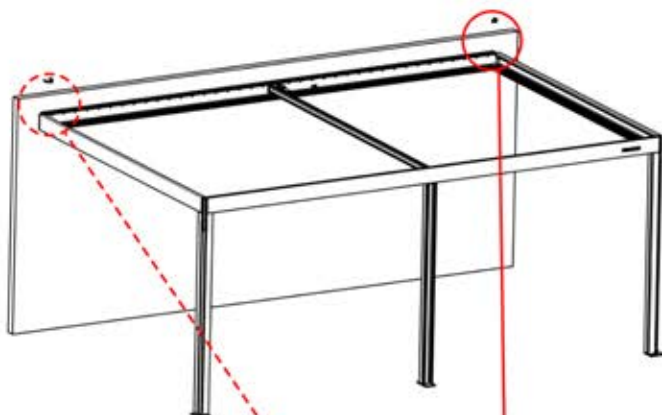
4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



PN-200002792

2x



27



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



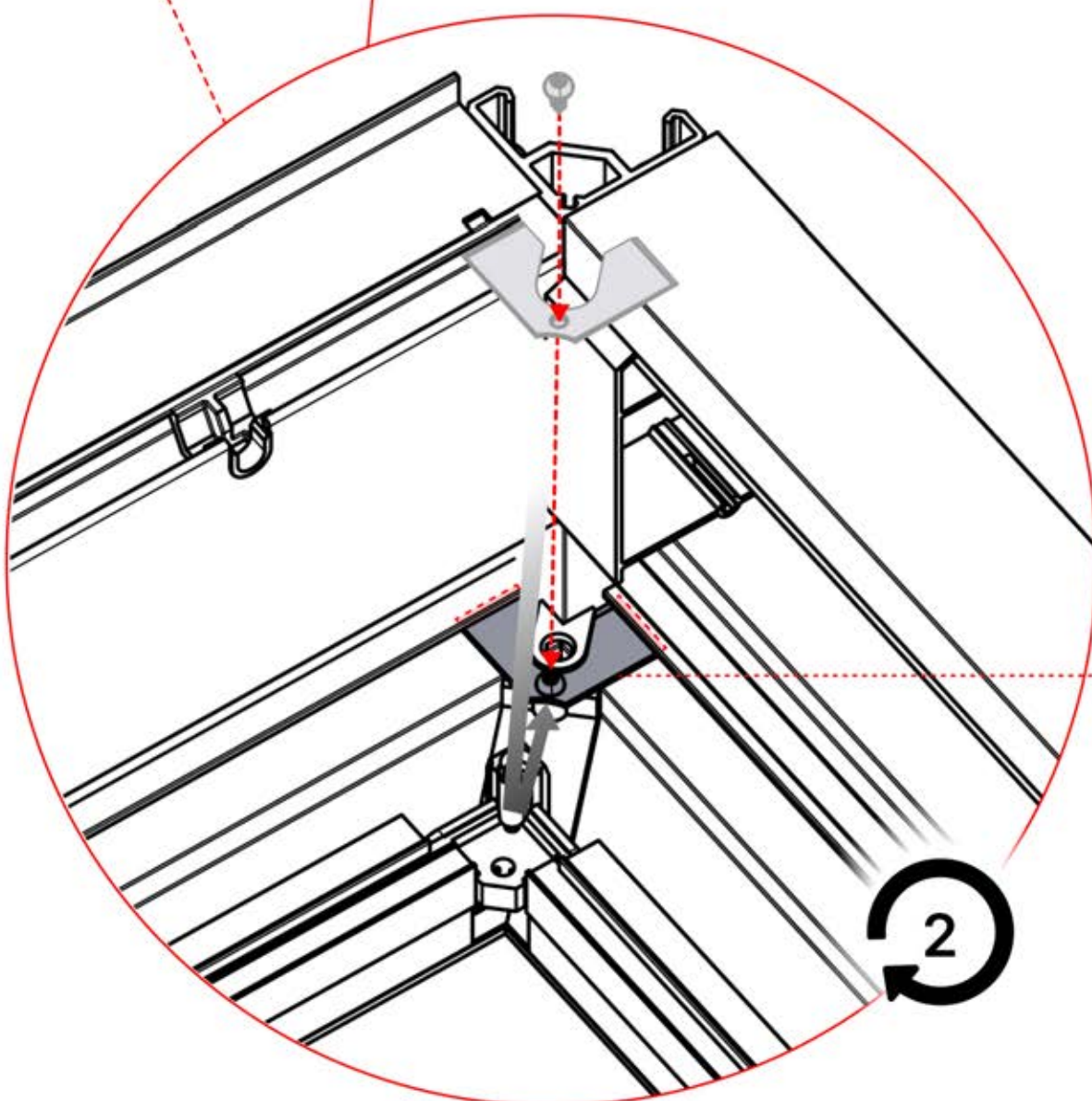
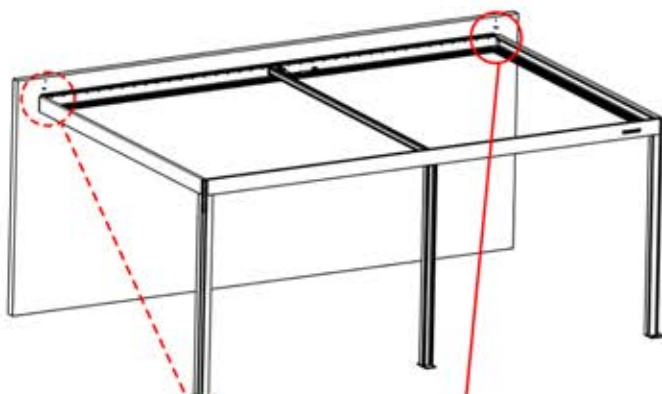
PN-200002618

2x



PN-200000571

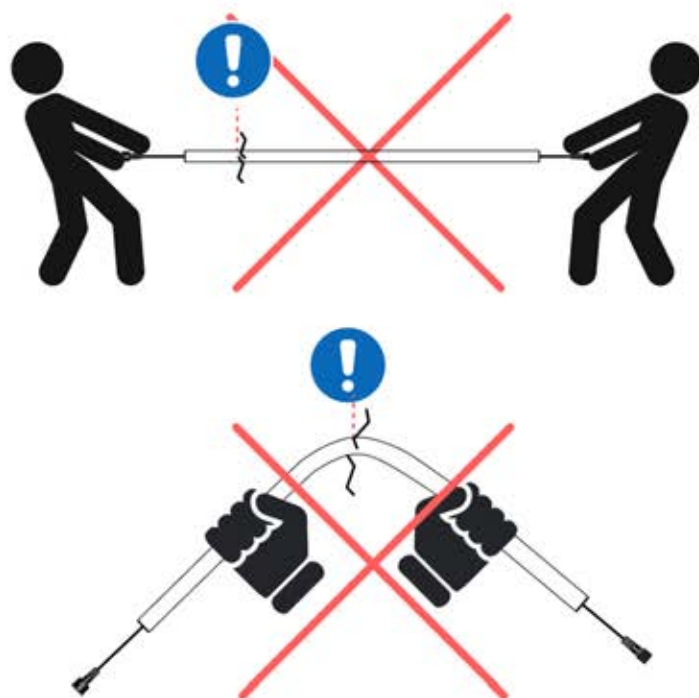
2x



IMPORTANT INFORMATION

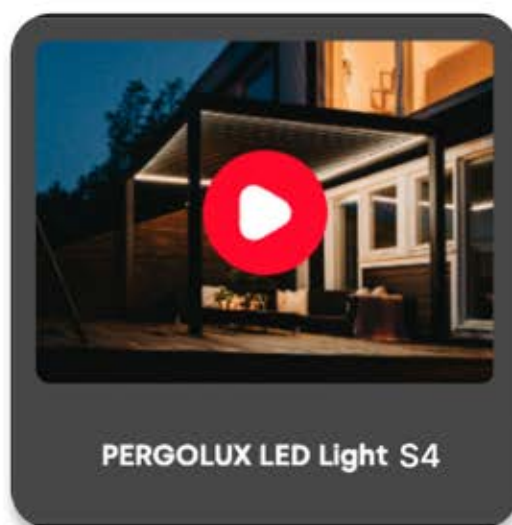
Handle with care.

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.



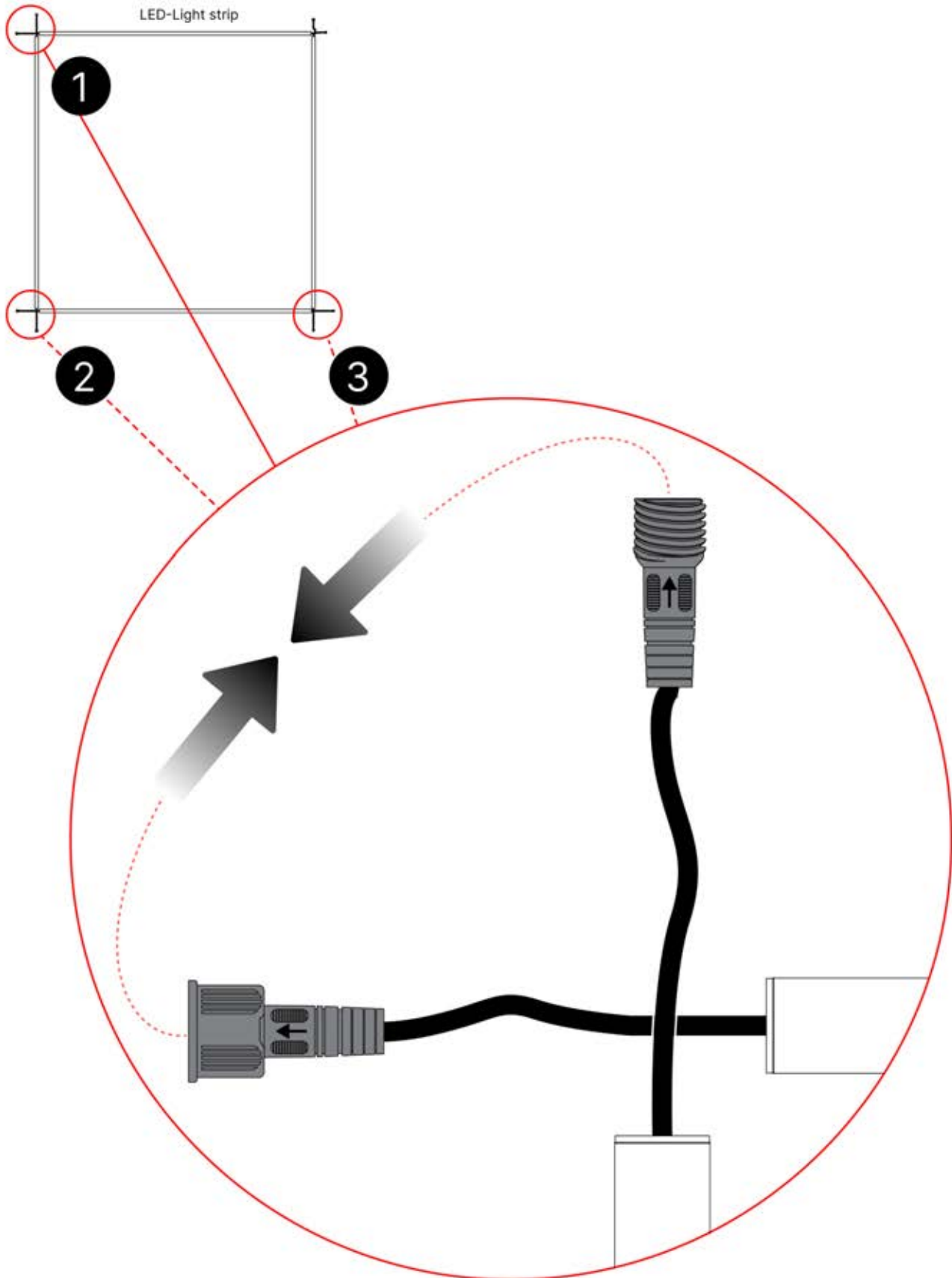
Important! Please watch all the videos before starting the assembly.

The videos contain important information relevant to the assembly process.

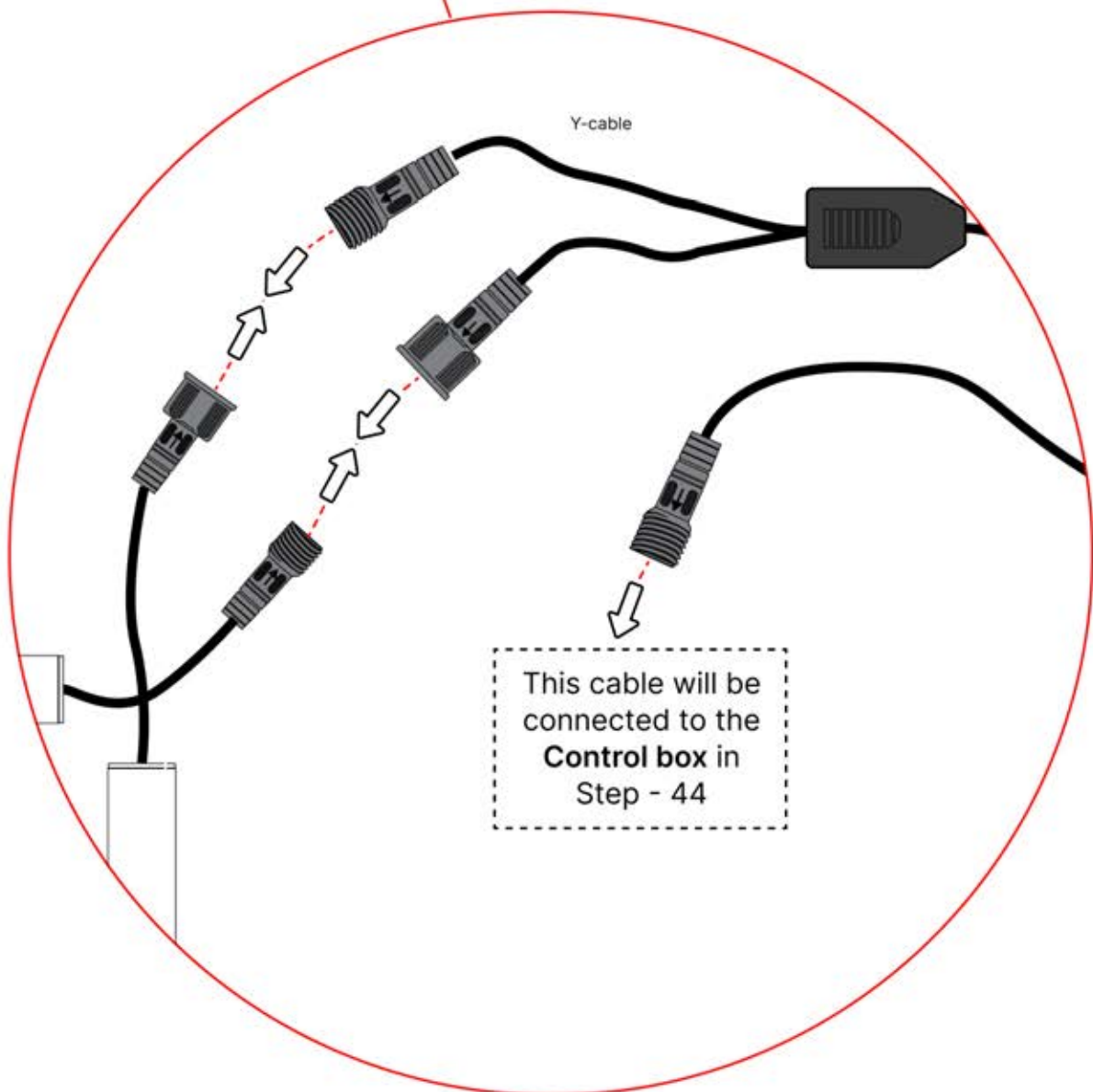
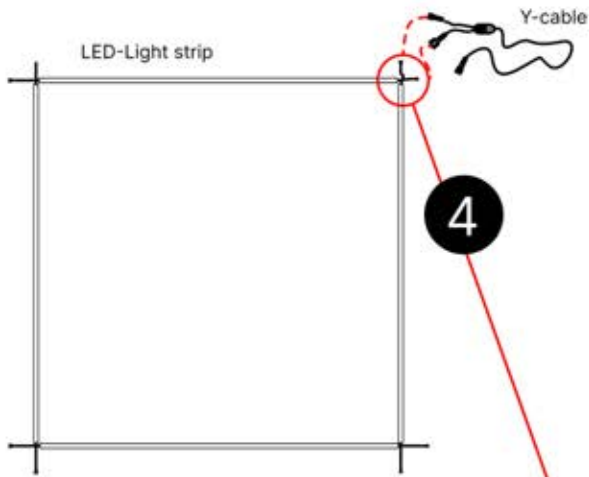


PERGOLUX LED Light S4

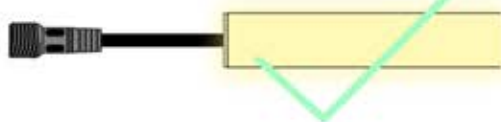
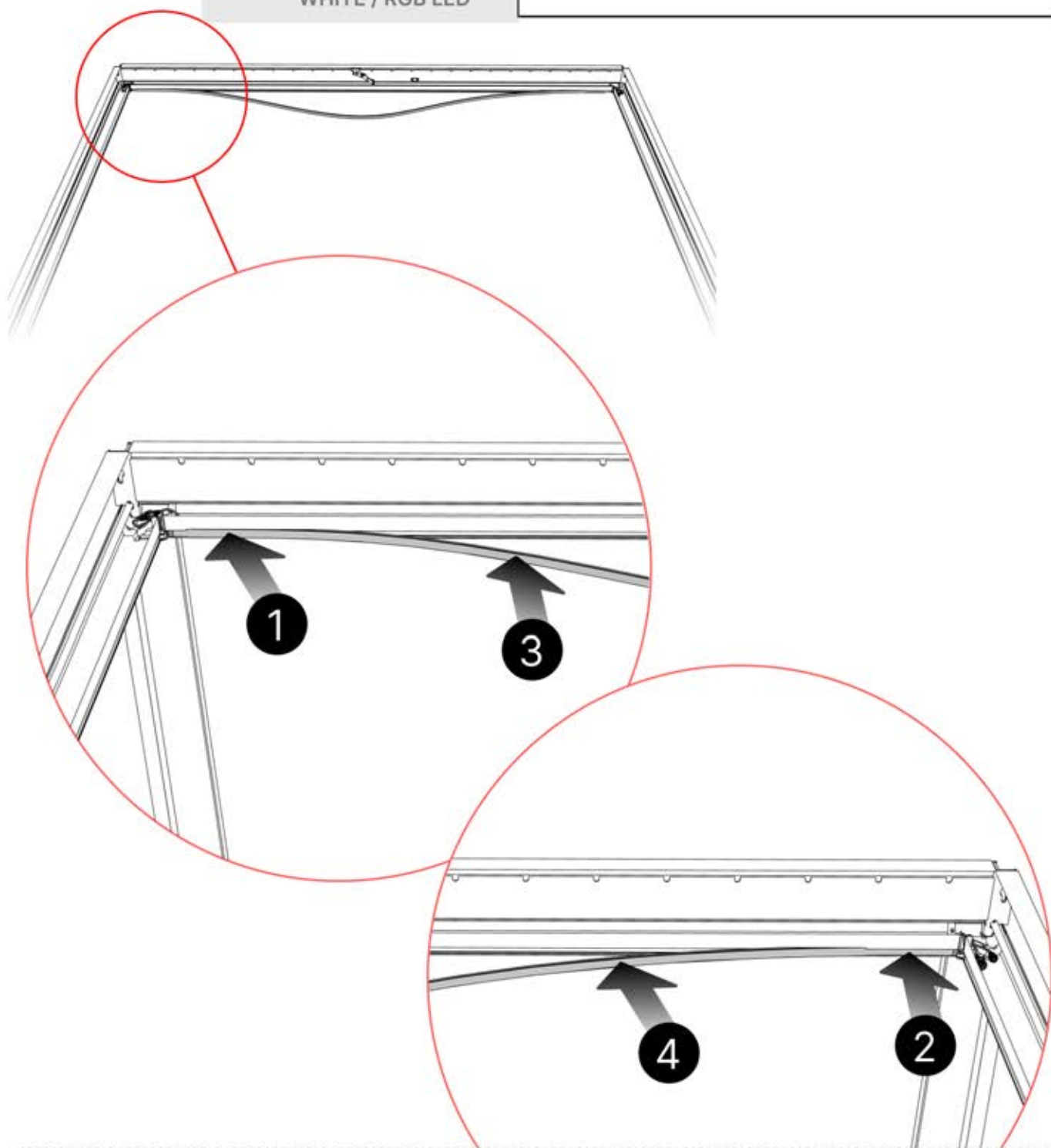
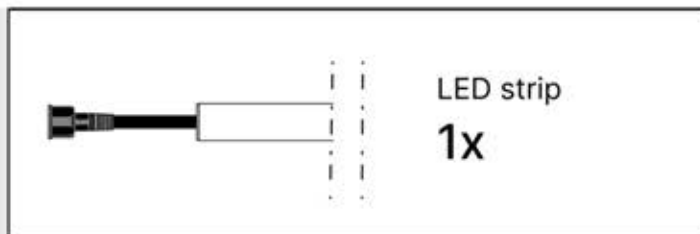
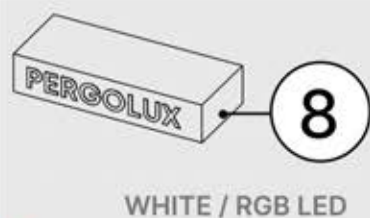
IMPORTANT INFORMATION



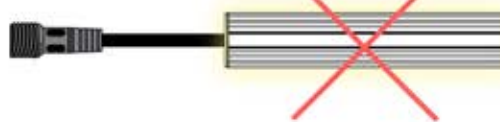
INFORMATION



28



This side is the front and
should face outward

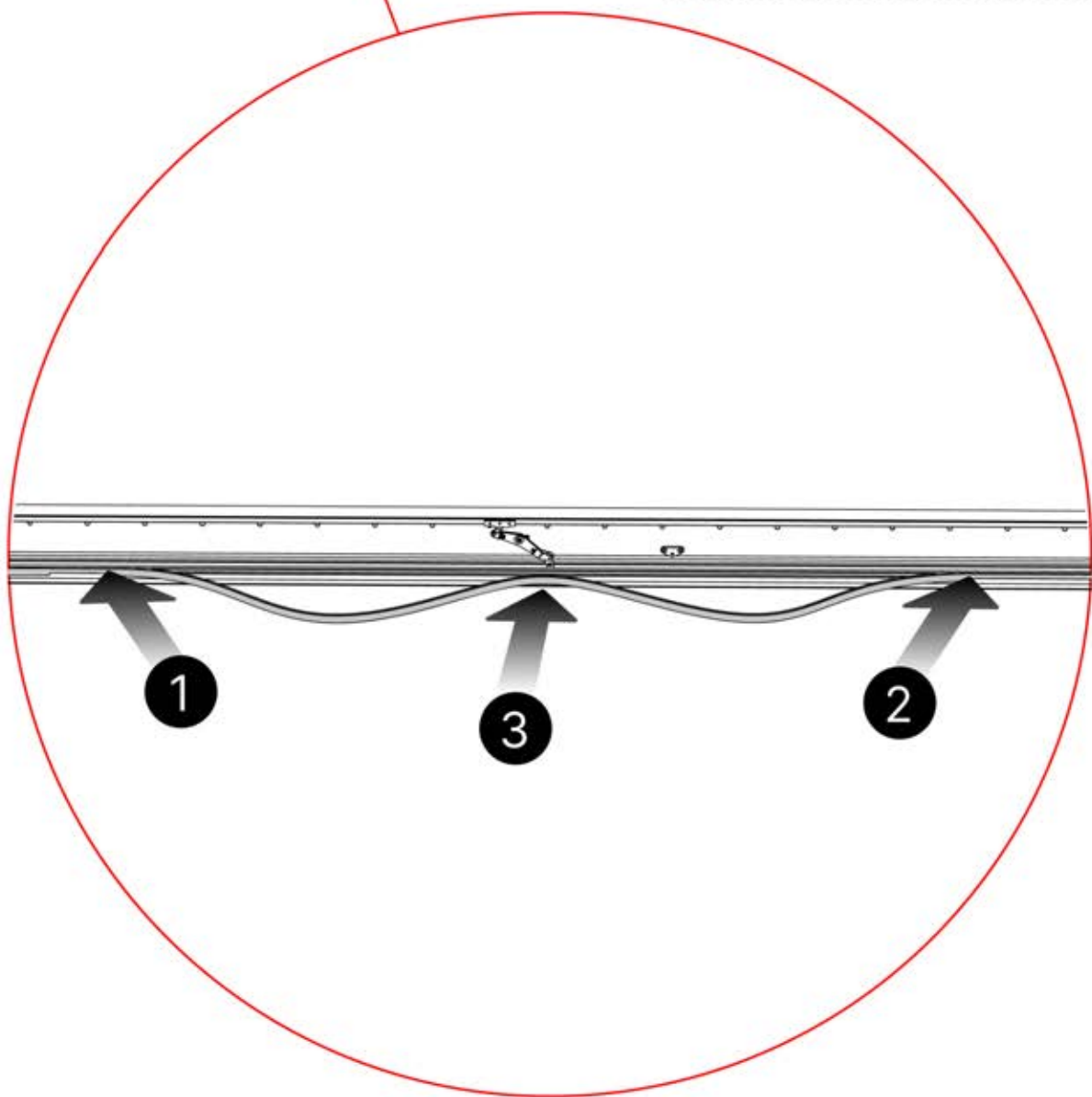
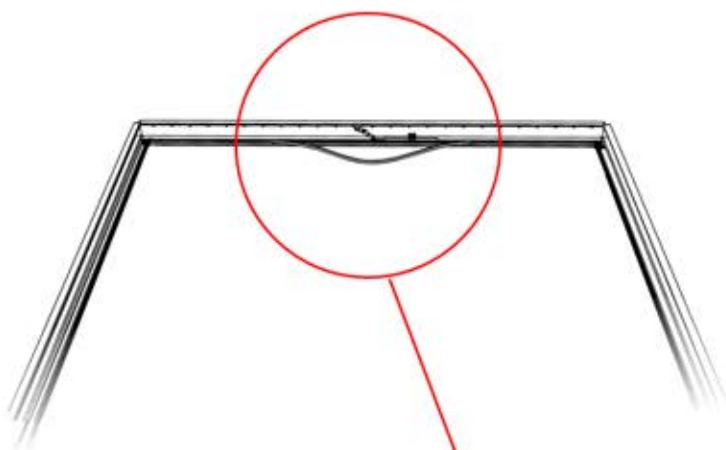


This side is the back and should
be positioned to face the beam

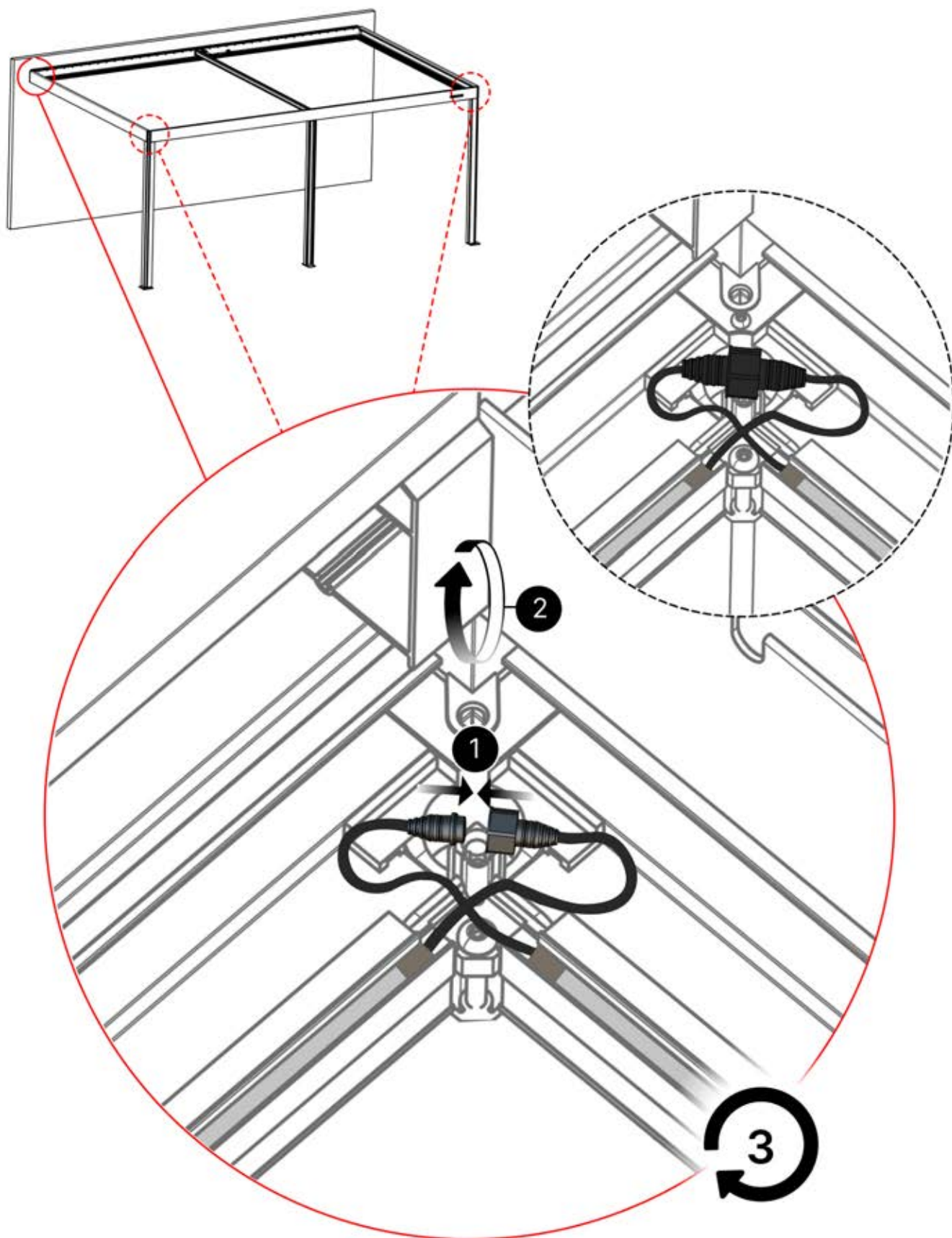
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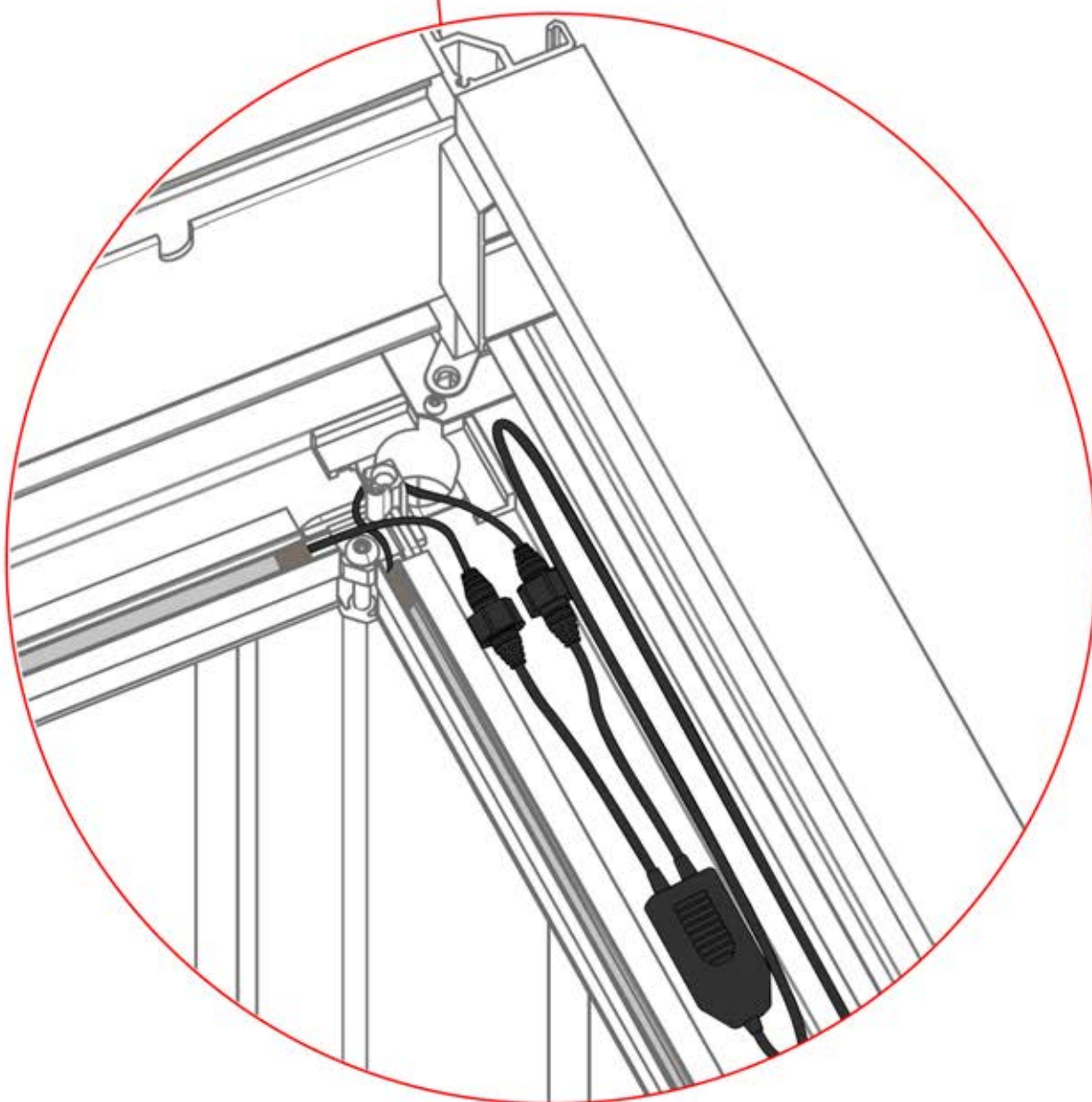
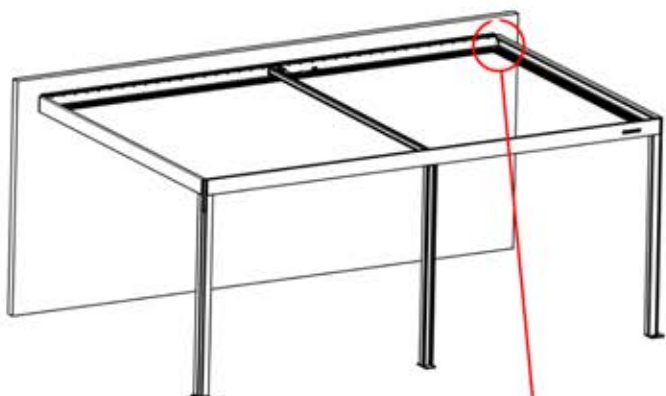
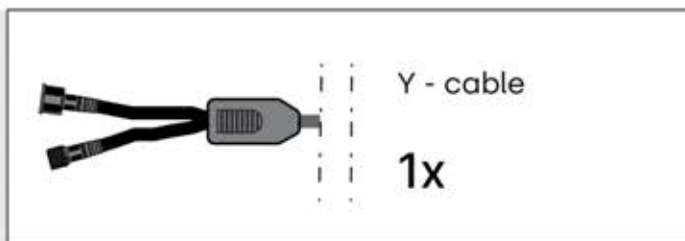
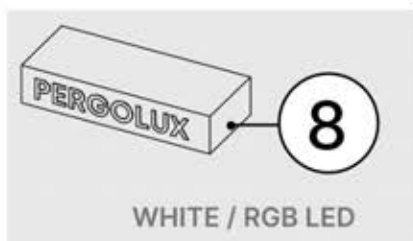
Tip: For a smoother LED installation, spray the track with soapy water before mounting.



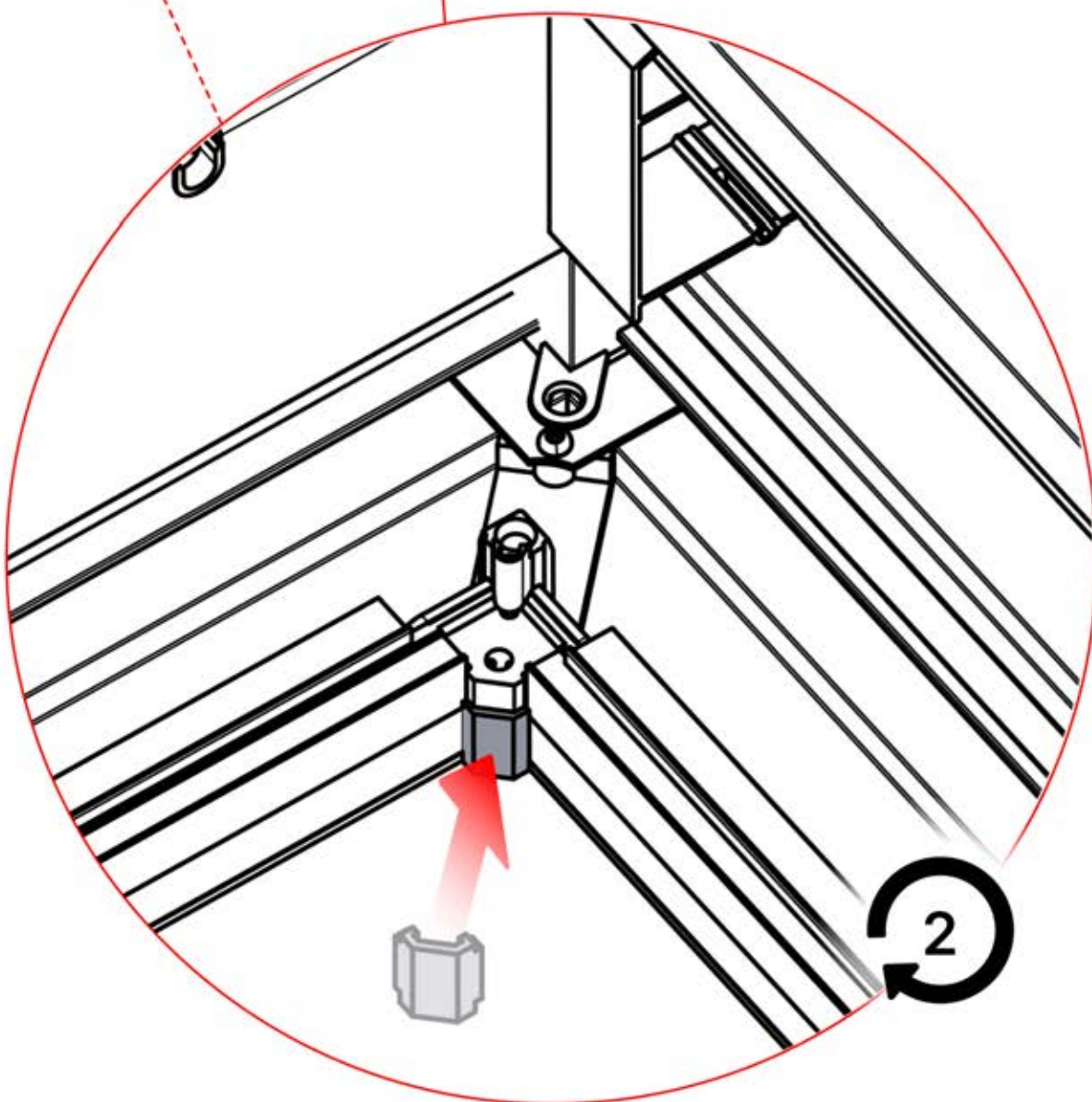
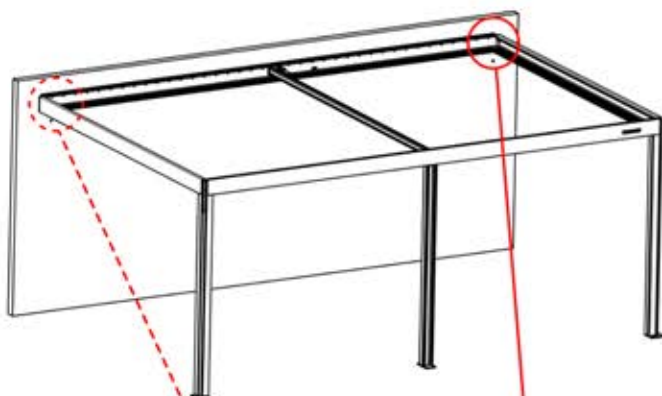
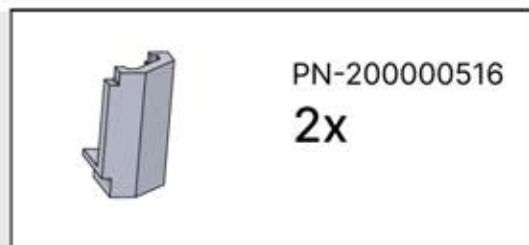
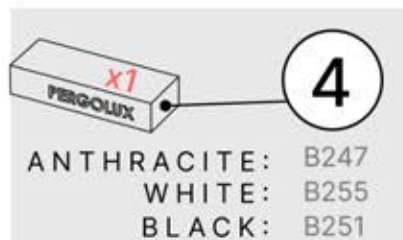
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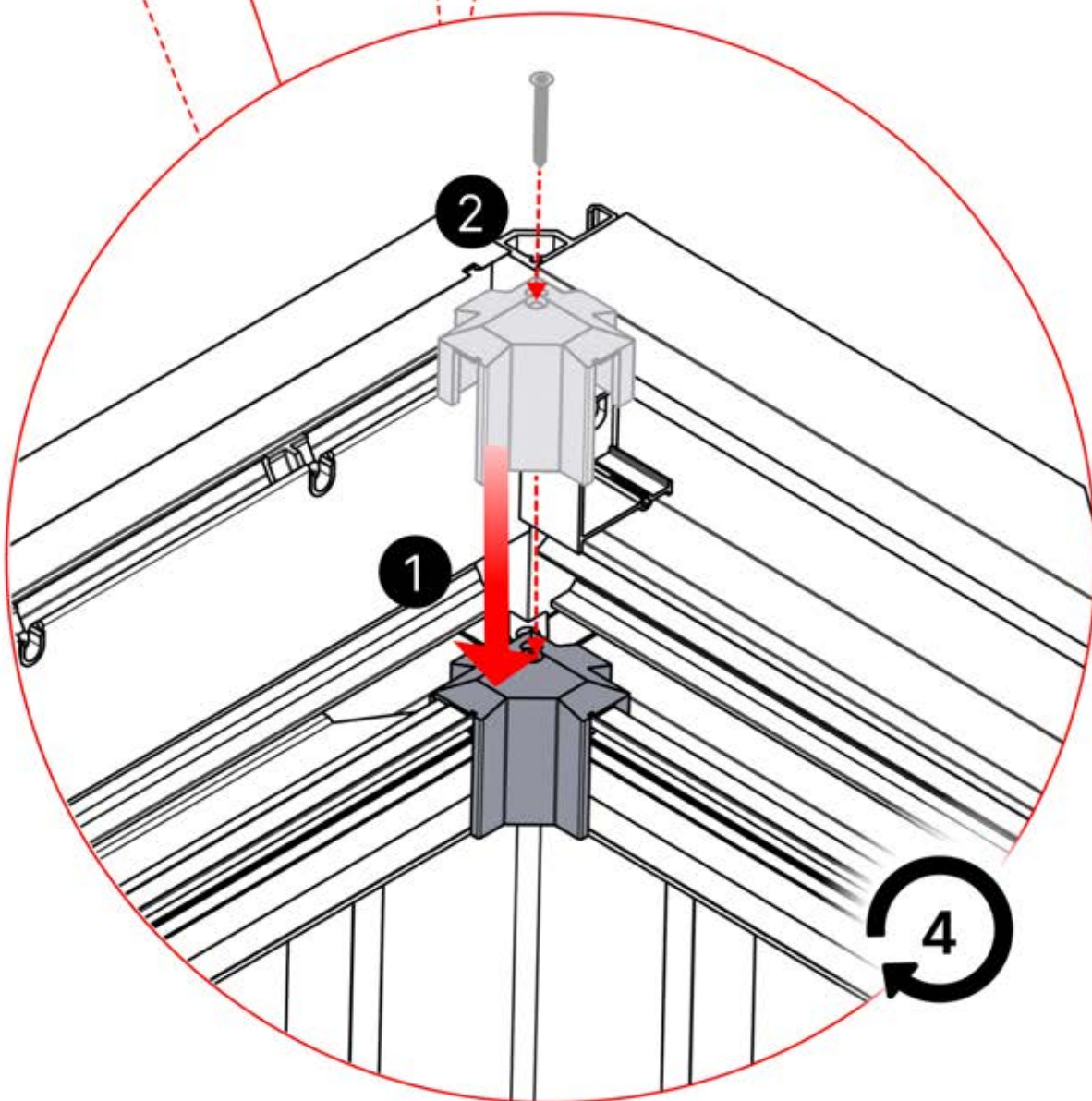
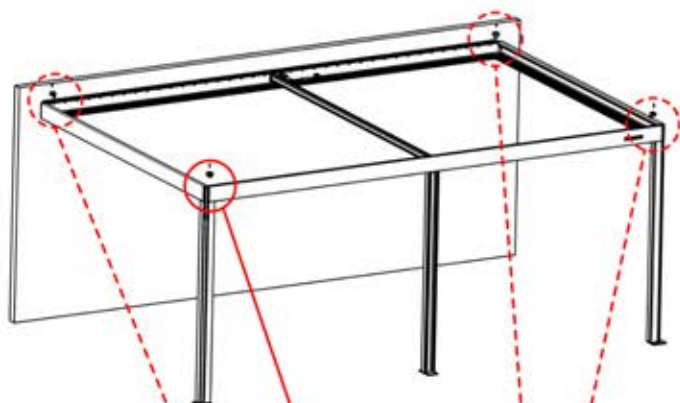
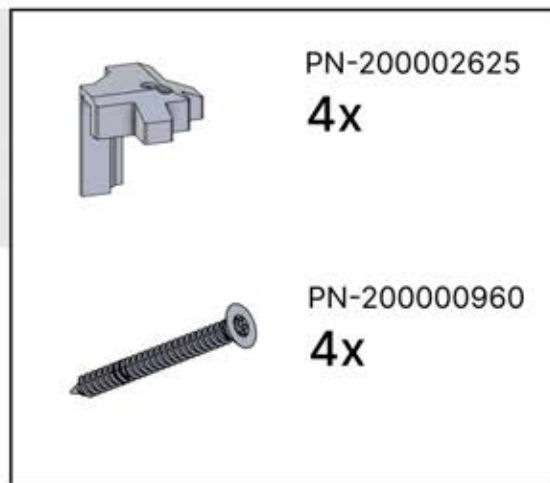
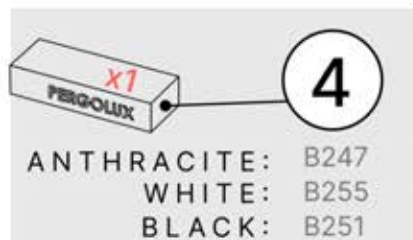
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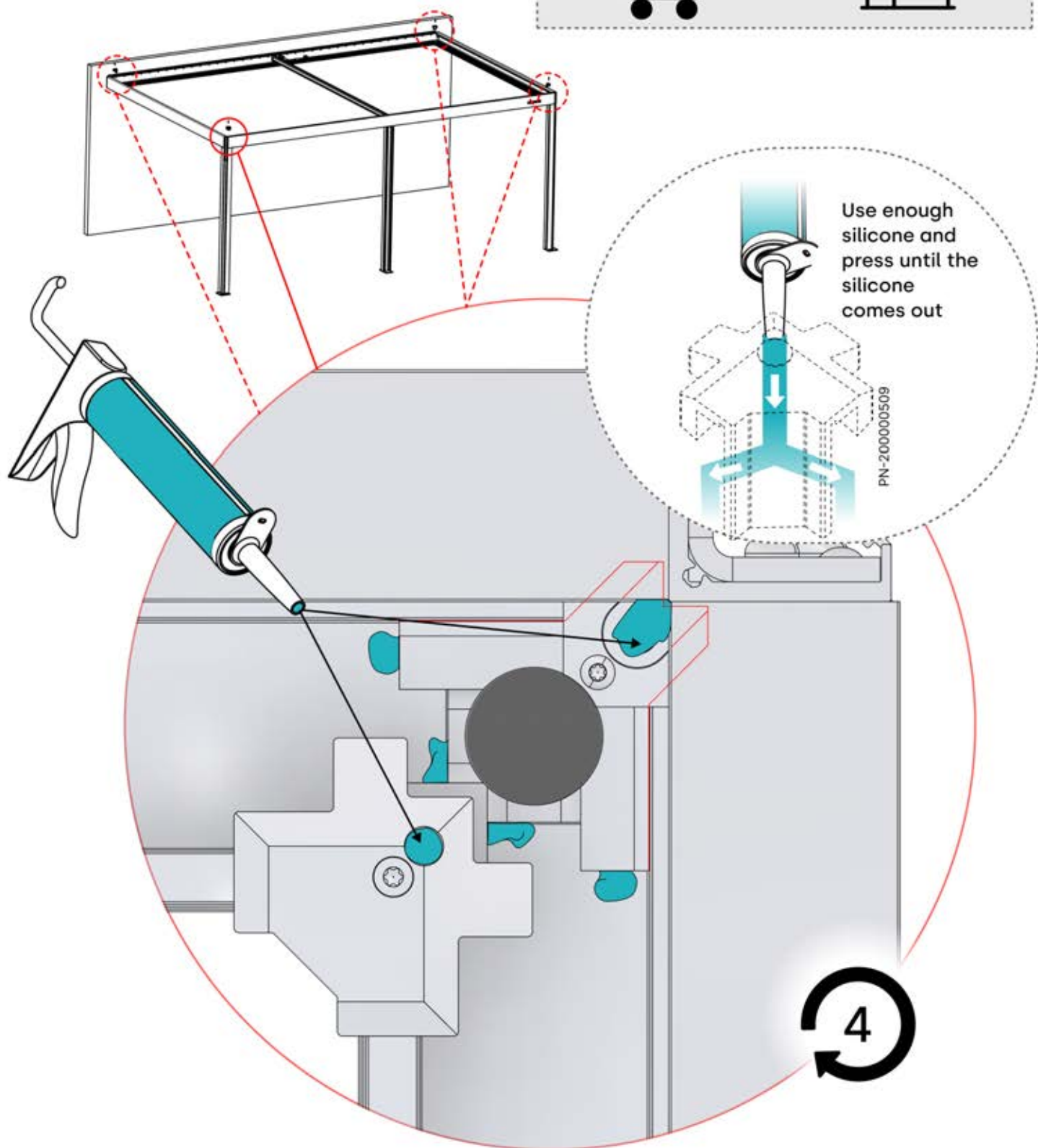


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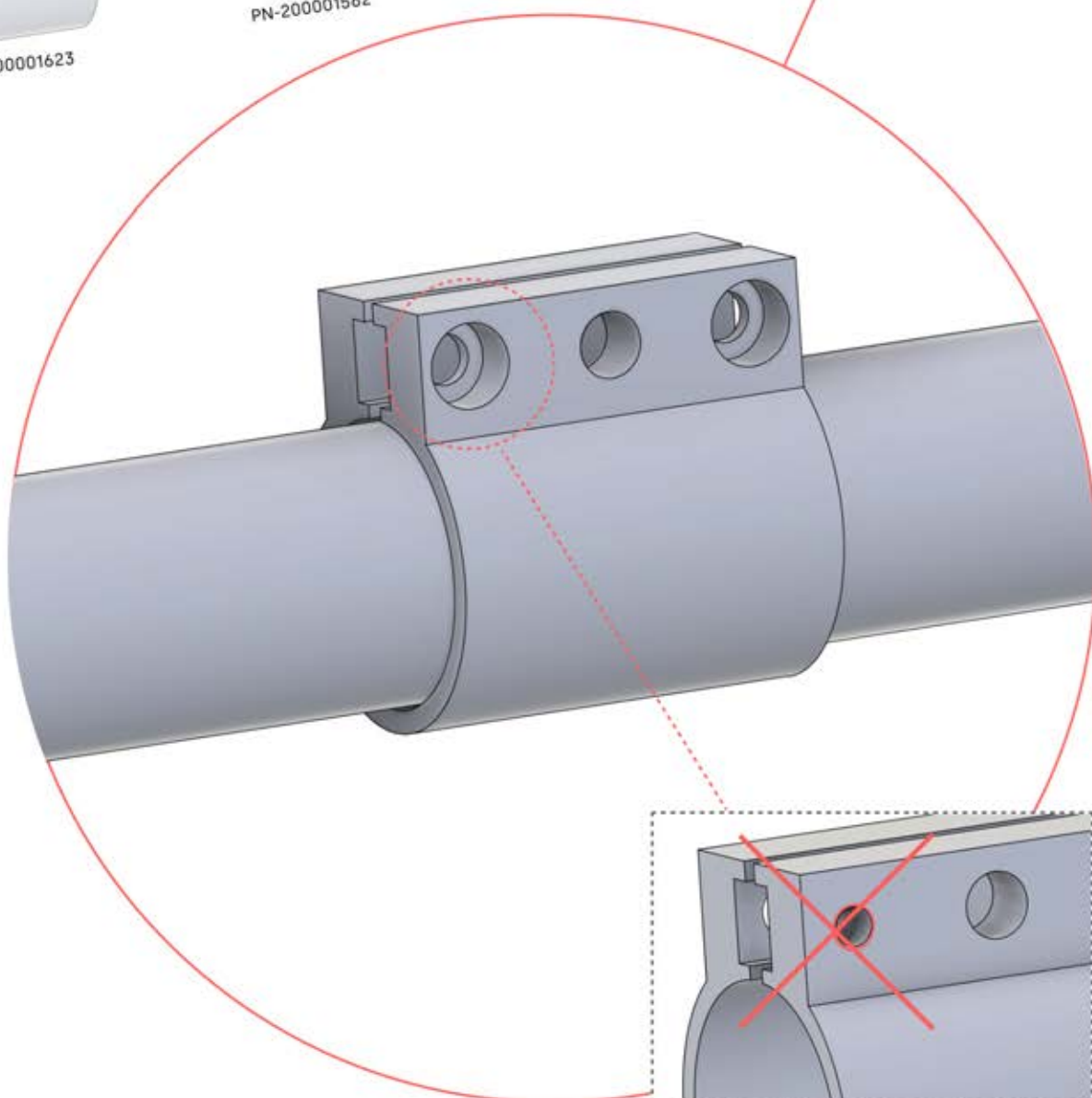
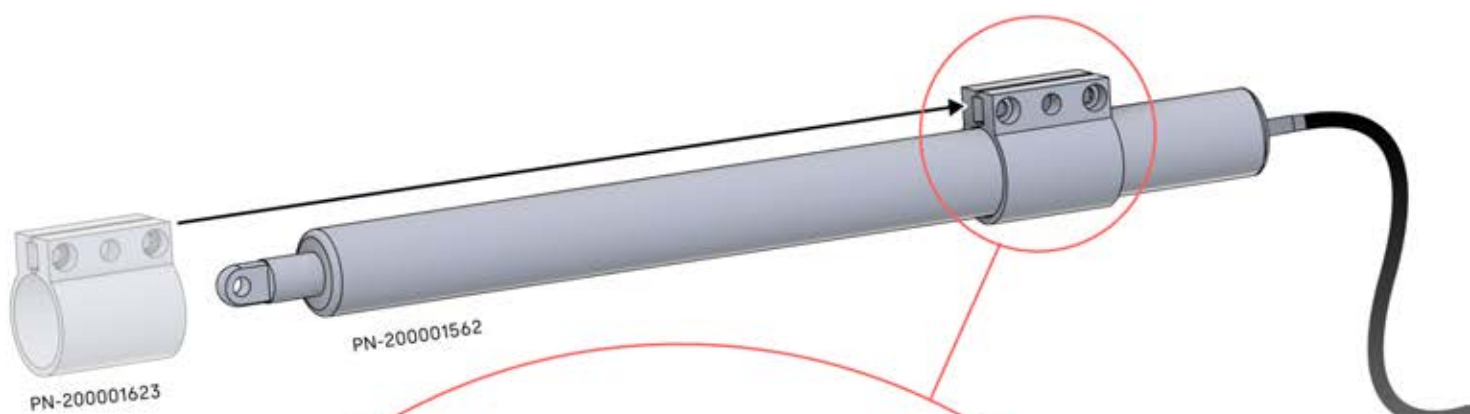
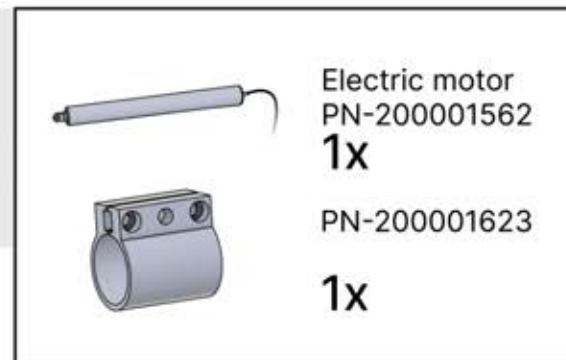
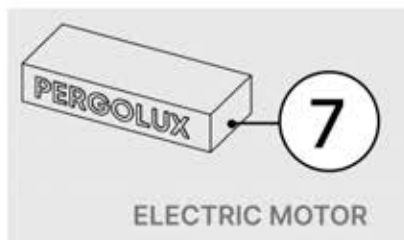


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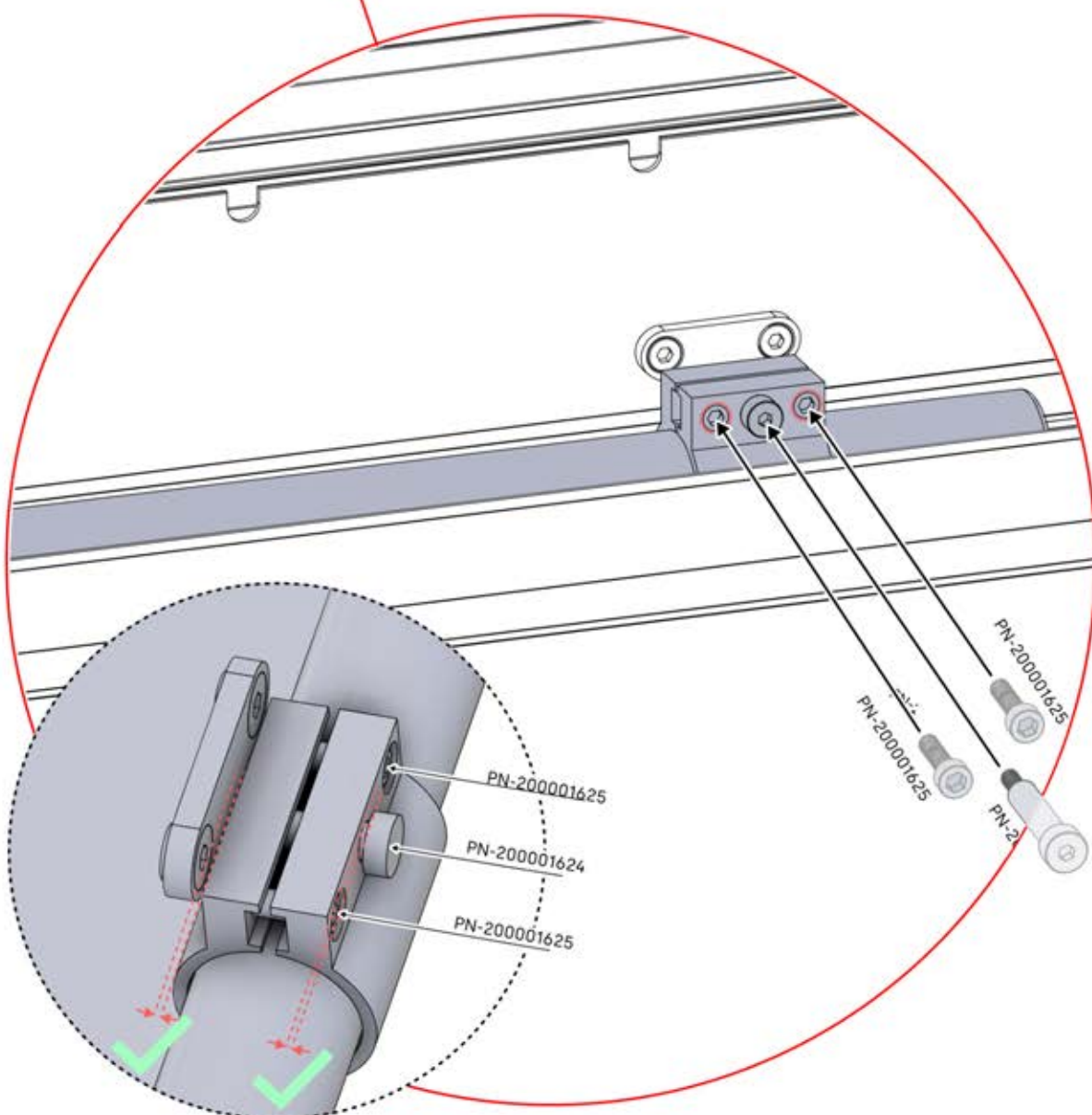
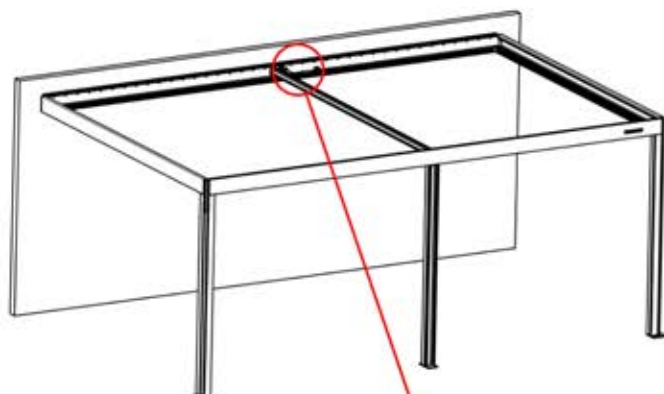
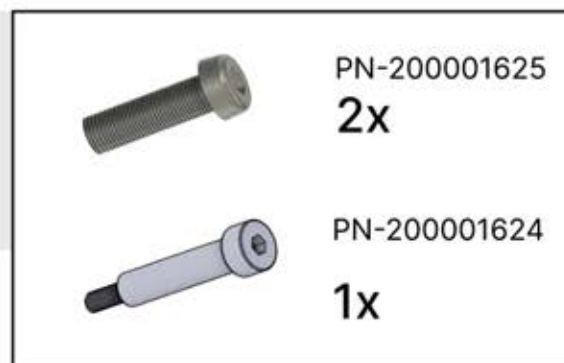
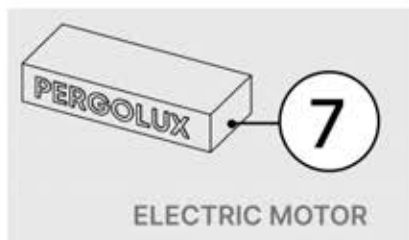




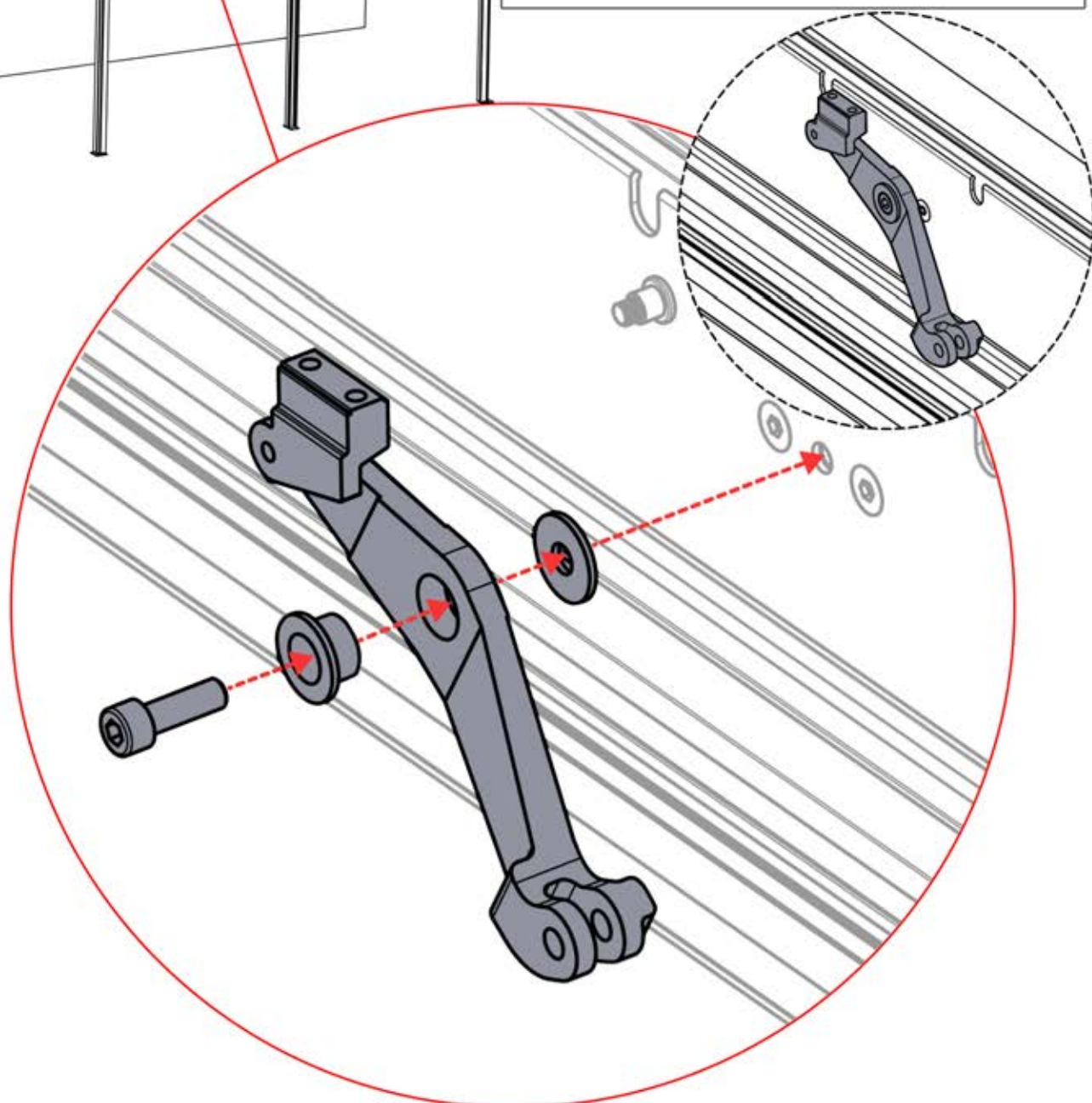
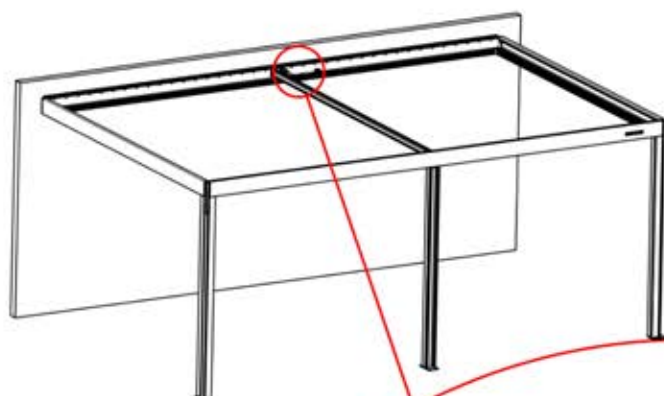
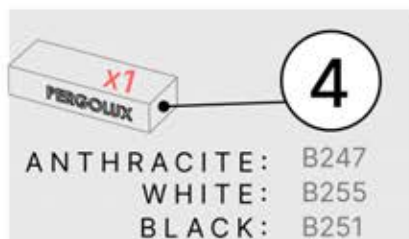
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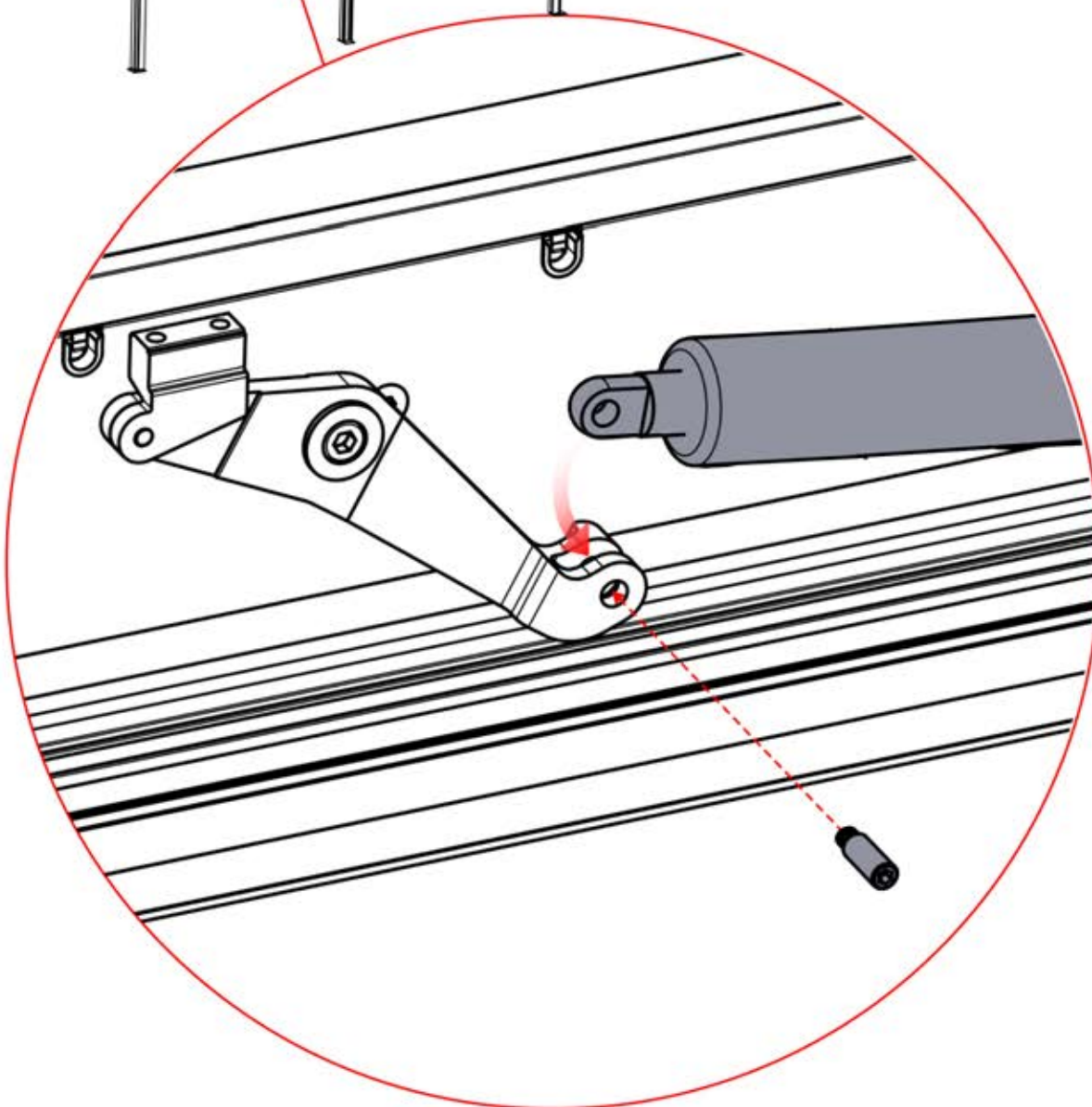
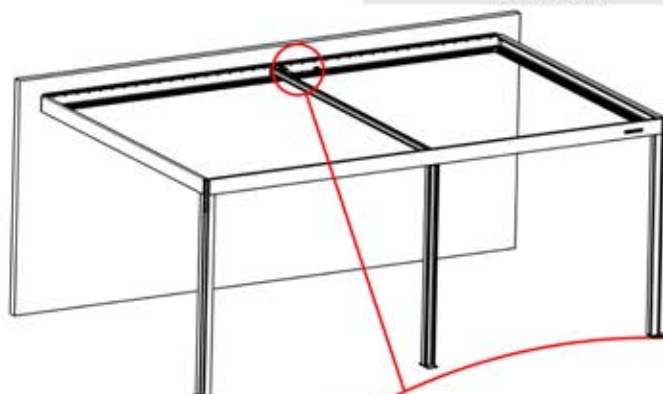
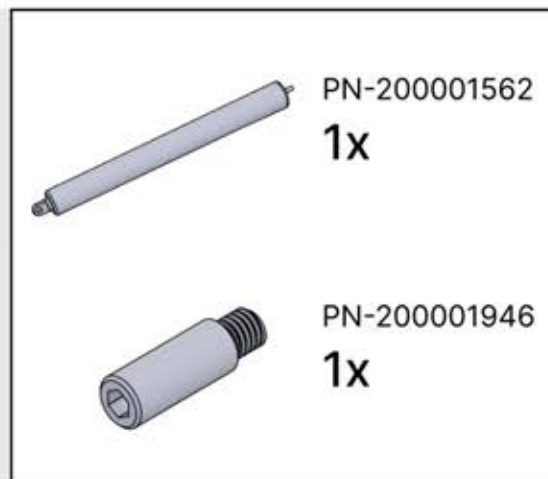
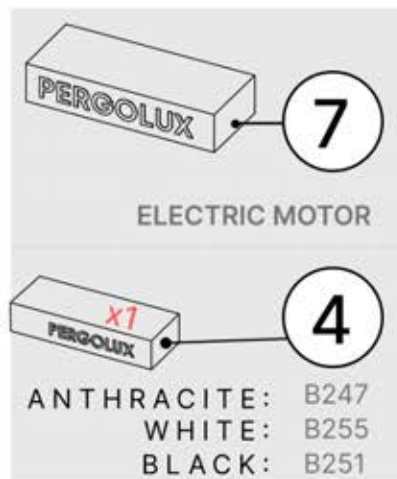
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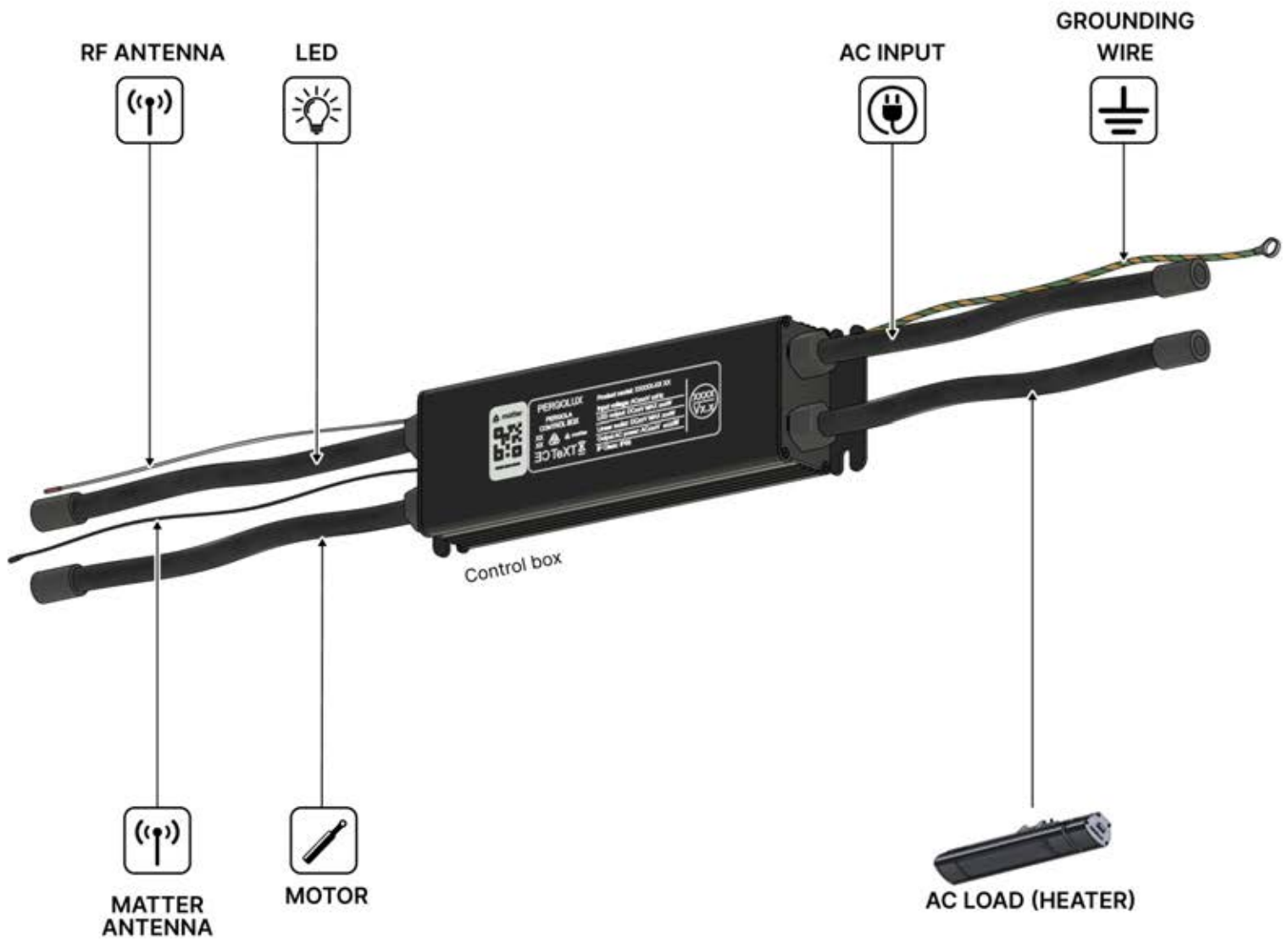
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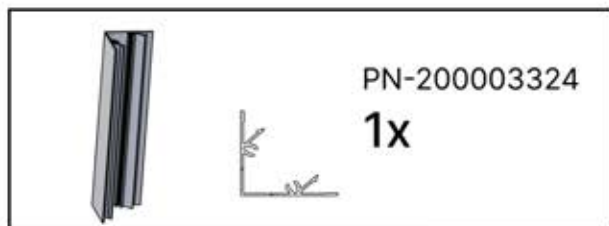
38



INPUTS AND OUTPUTS

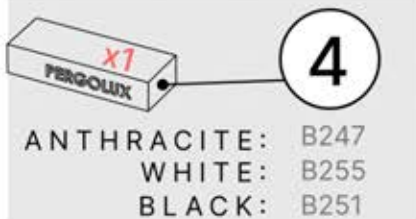


INFORMATION



PN-200003324

1x

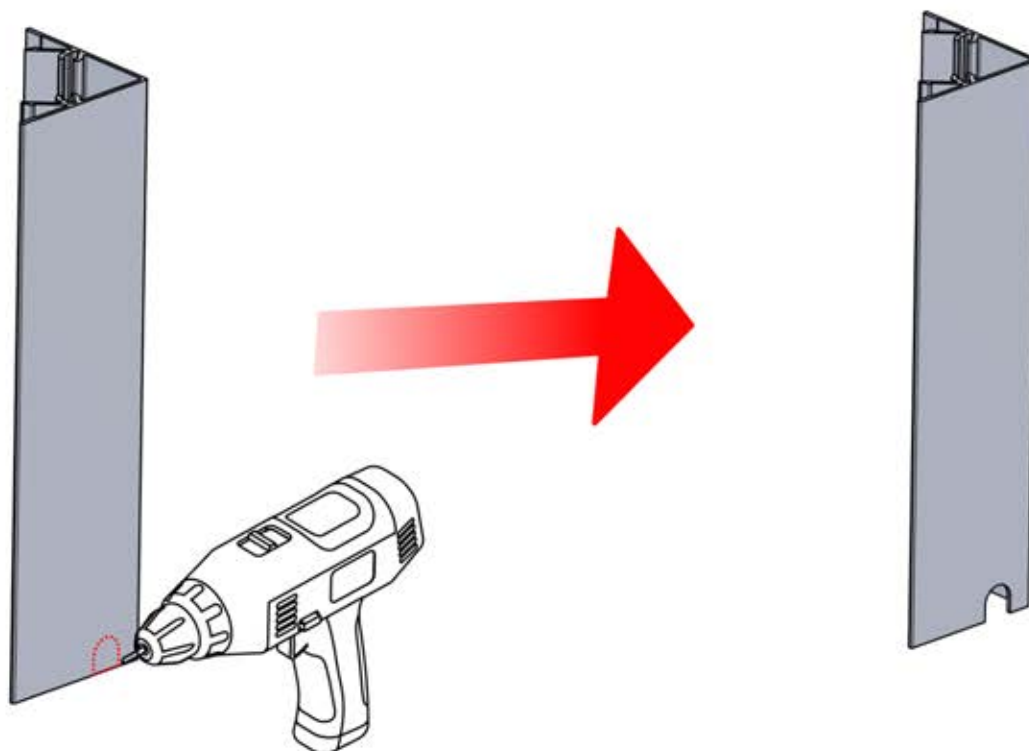


ANTHRACITE: B247
WHITE: B255
BLACK: B251

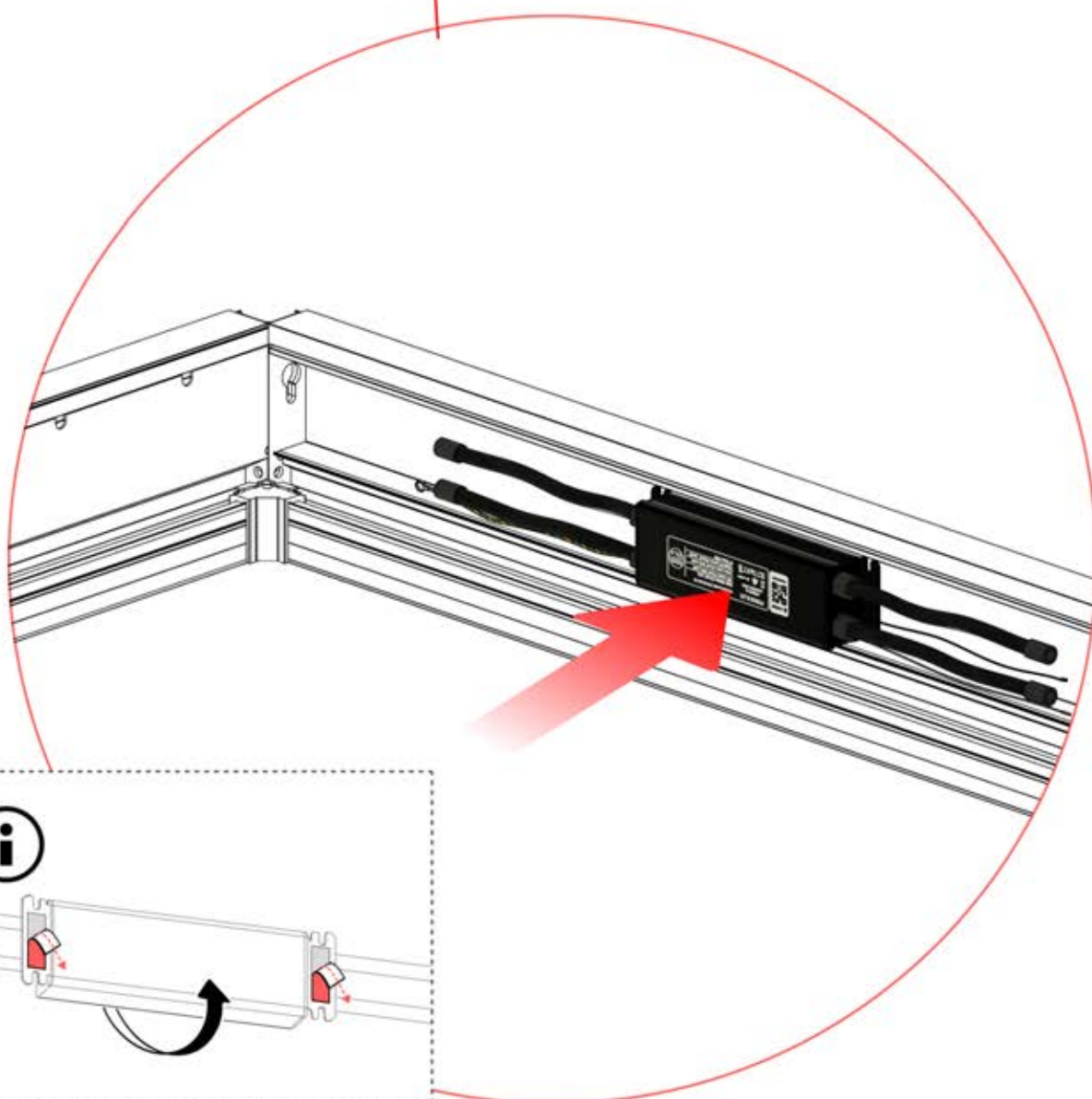
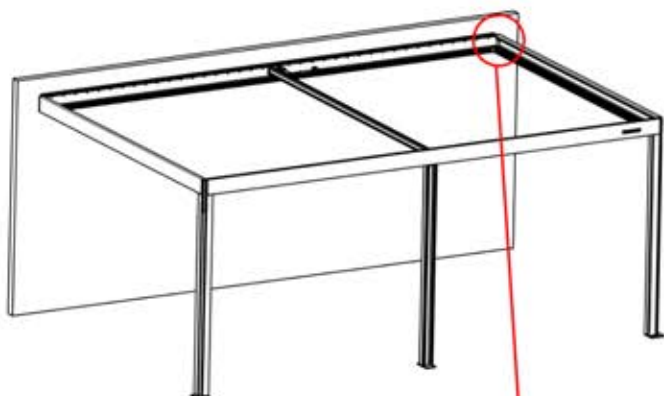
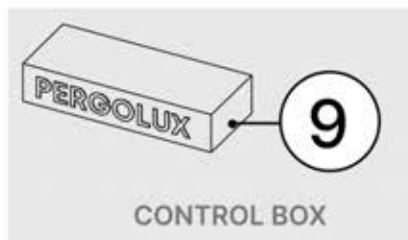


If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200003324**) as illustrated. This allows the cable to pass through during installation in step 67.

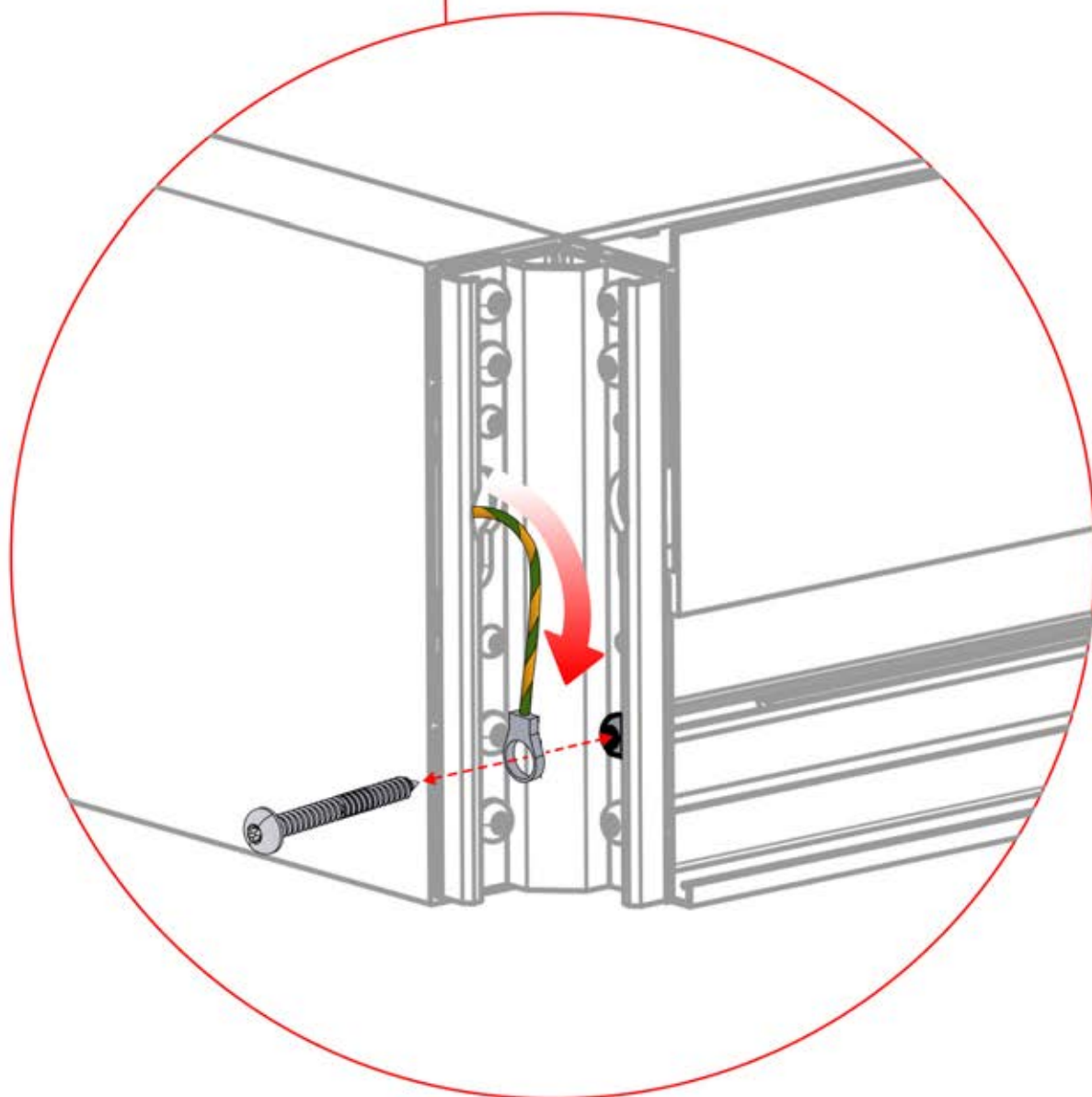
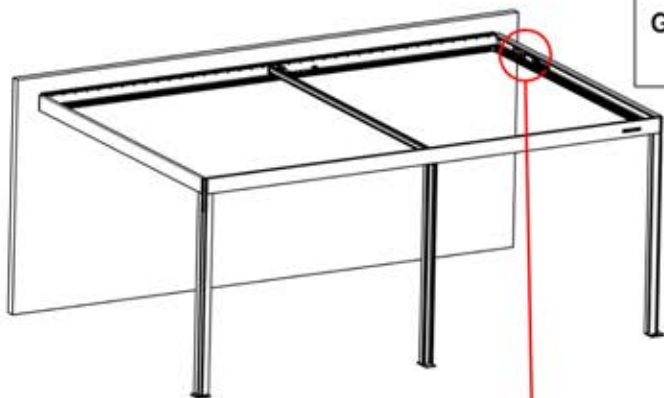
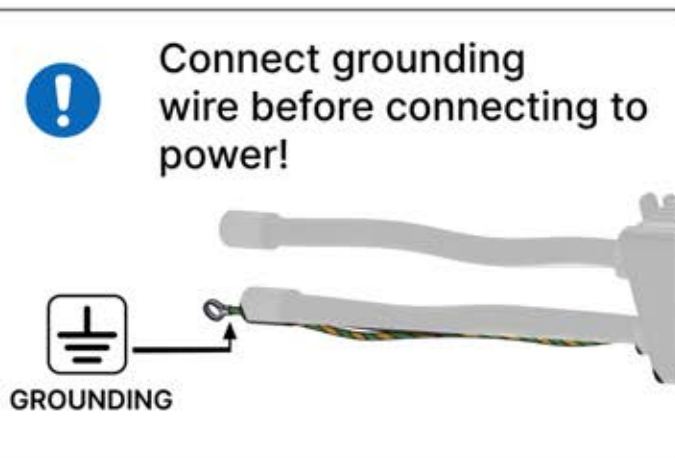
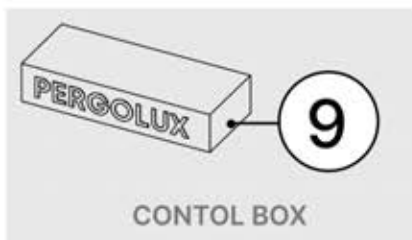
Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.



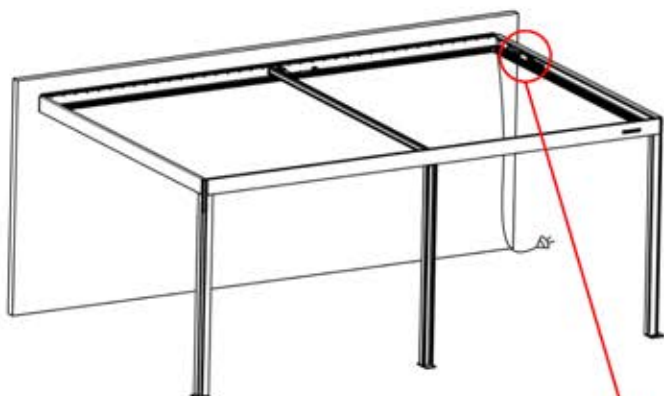
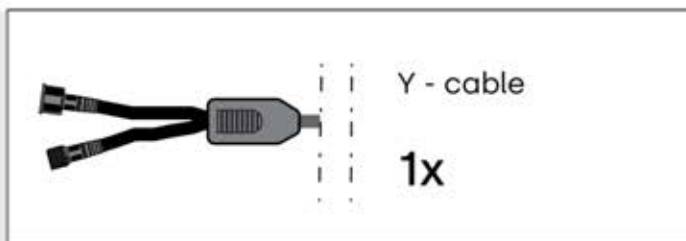
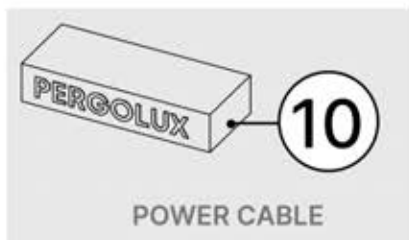
39



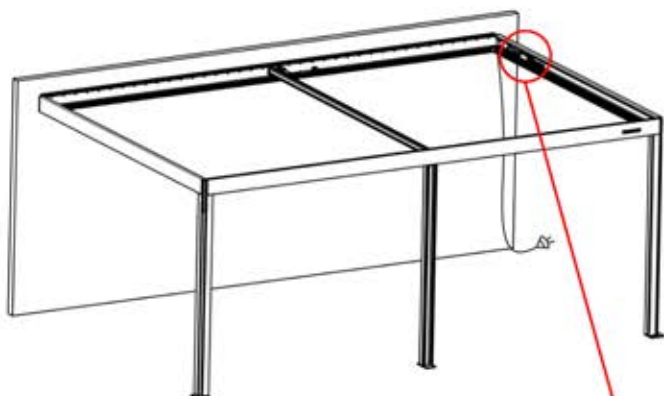
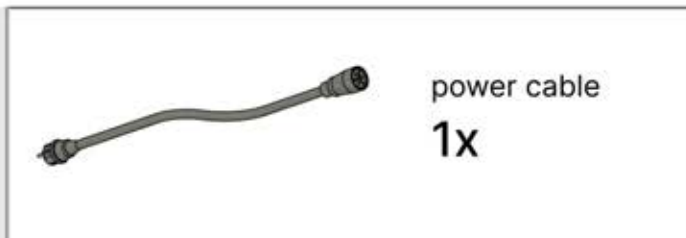
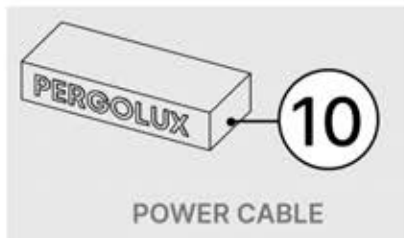
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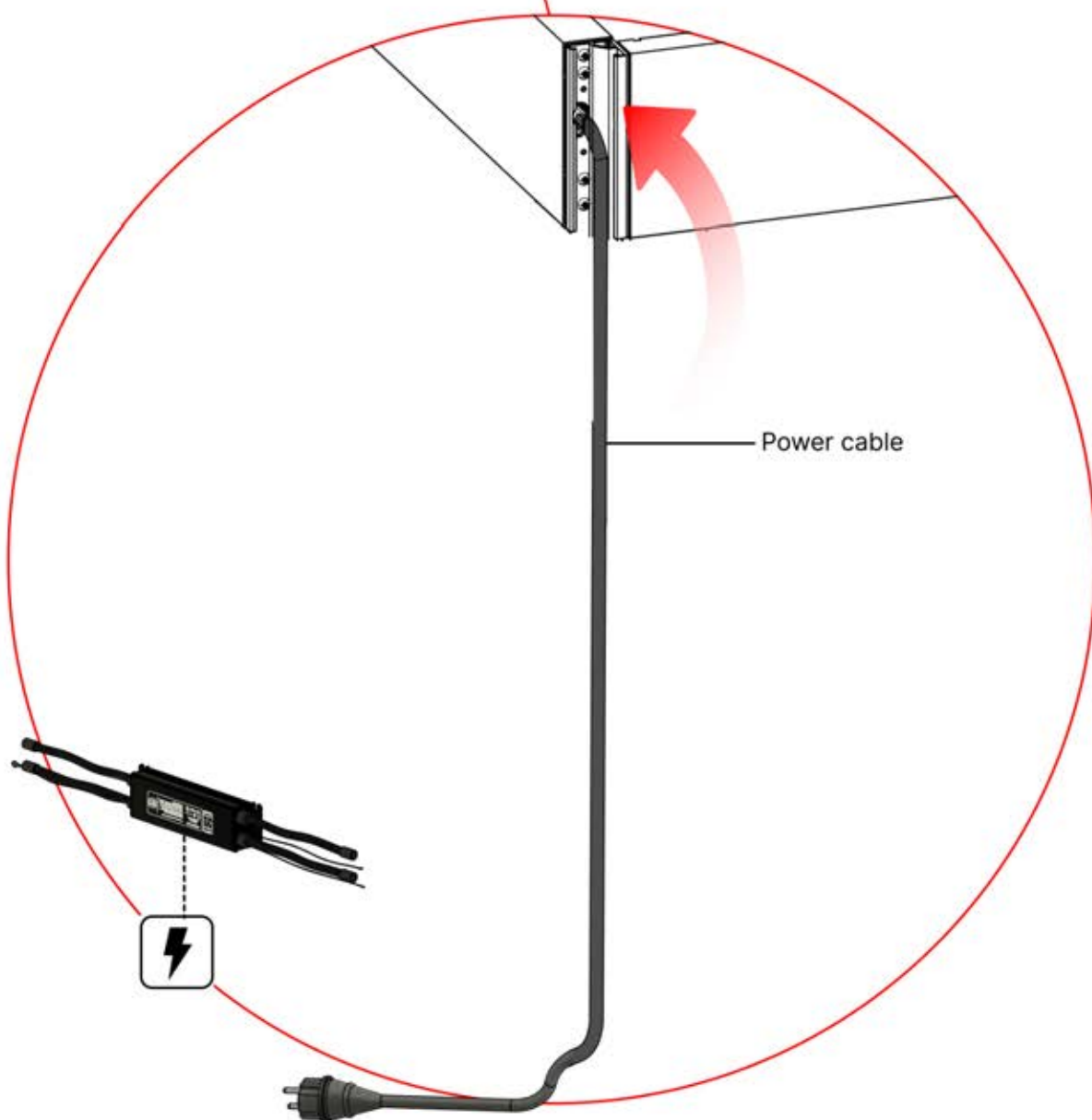
41



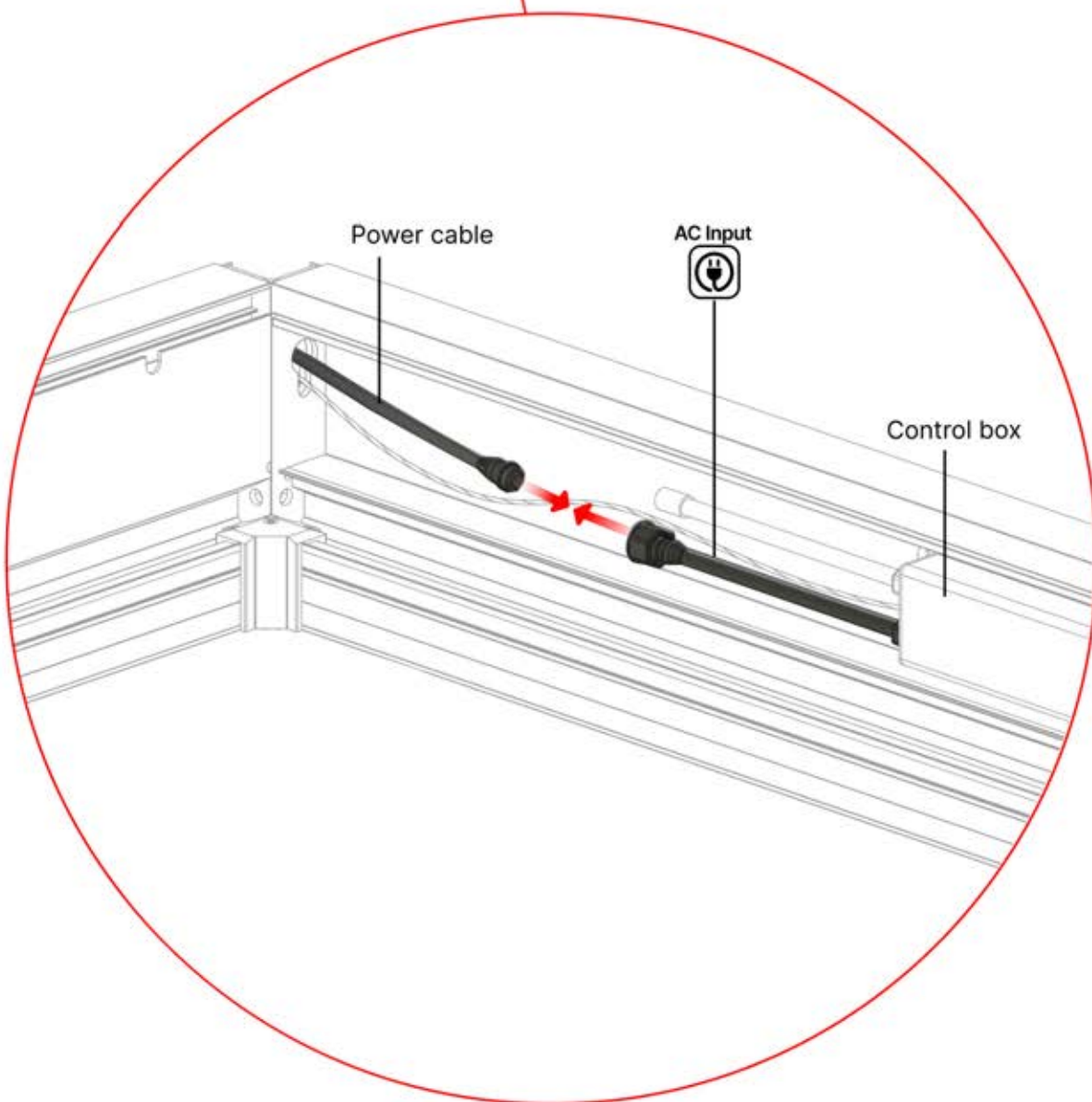
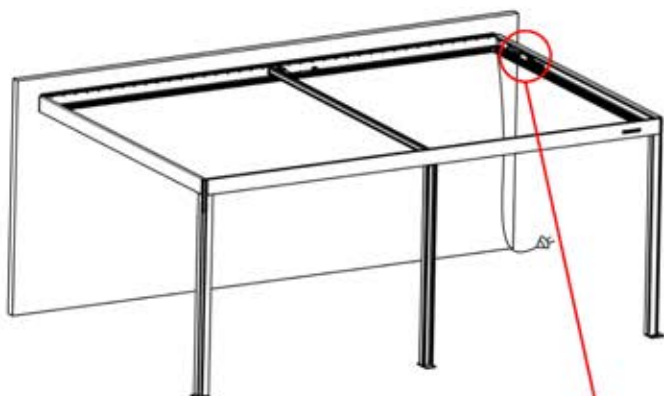
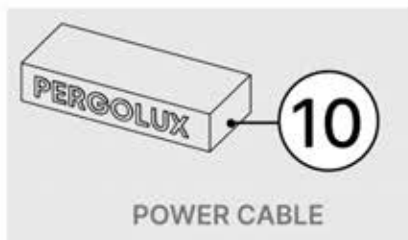
42



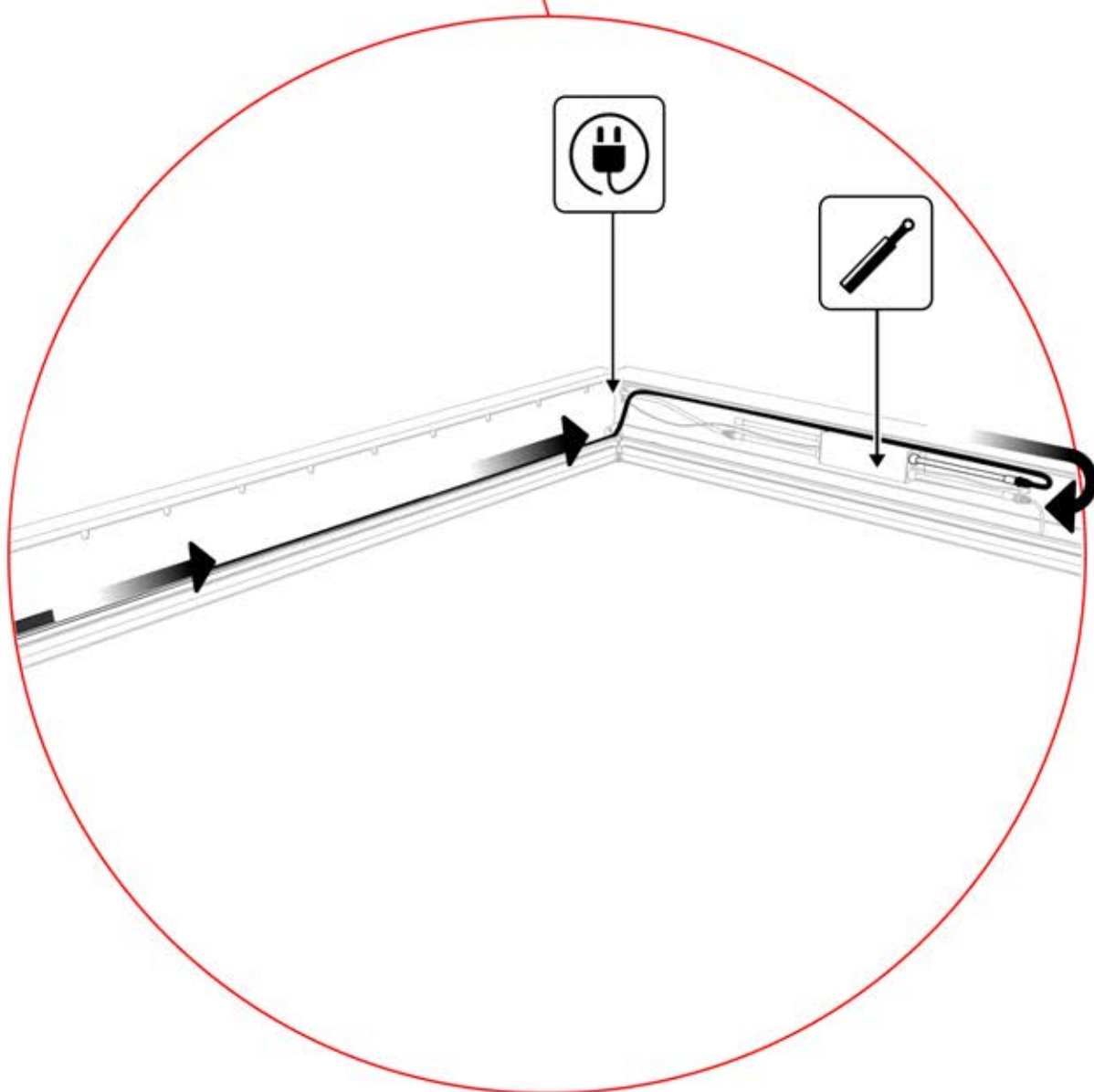
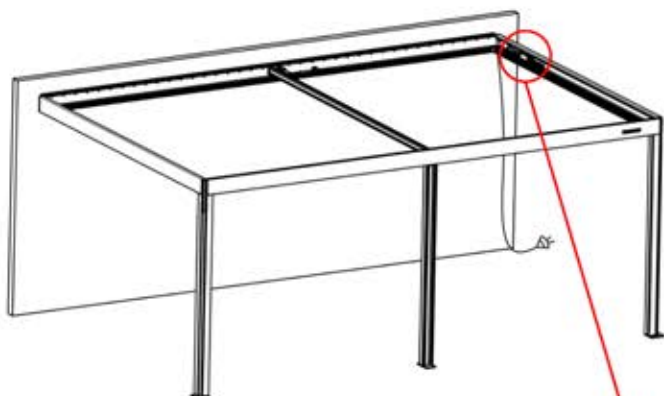
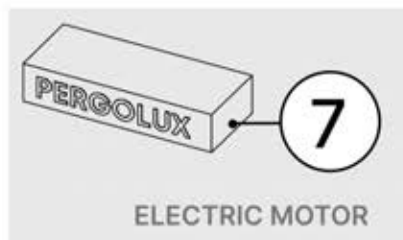
⚠
Power Cable can be
routed through all
the Poles.



43



44

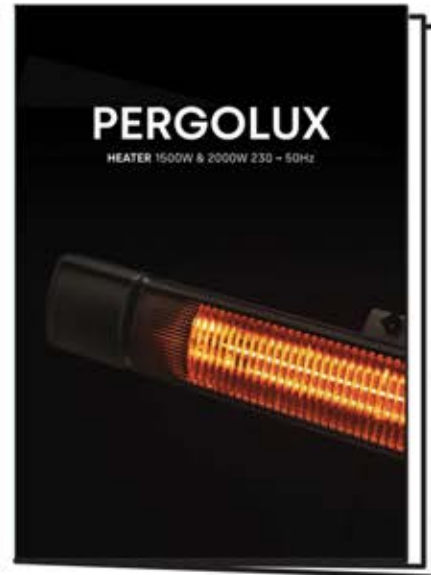


45

1

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

Follow the instructions in the heater assembly manual.



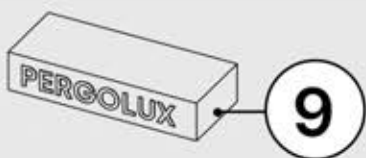
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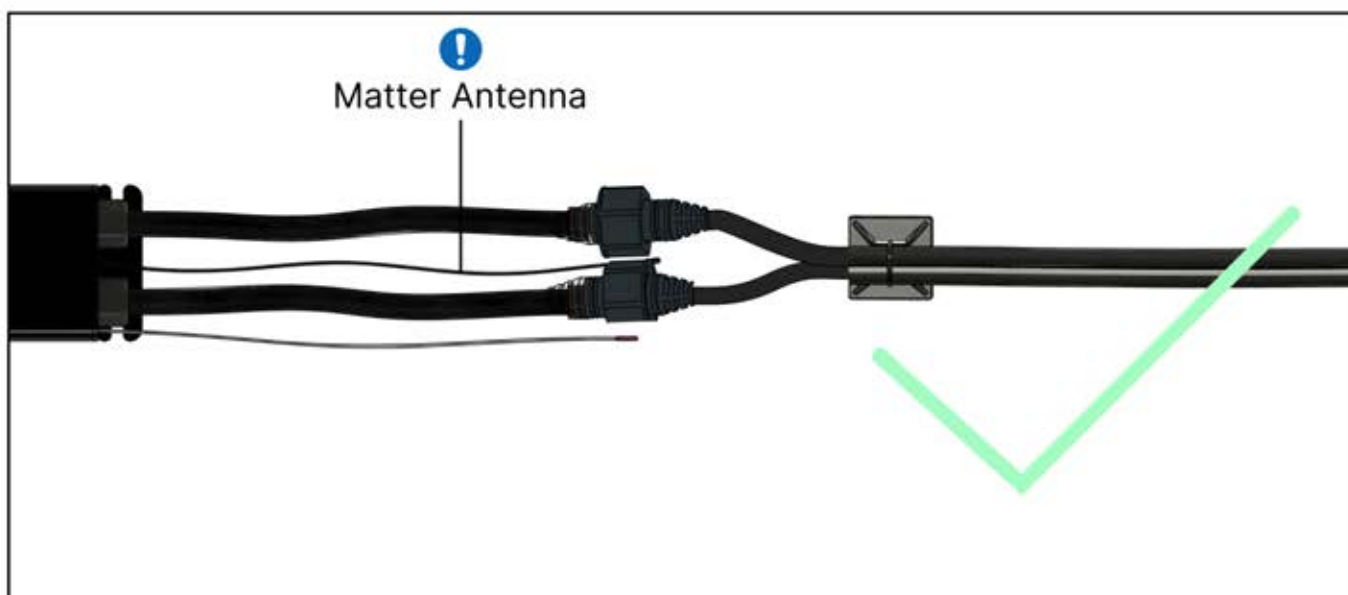
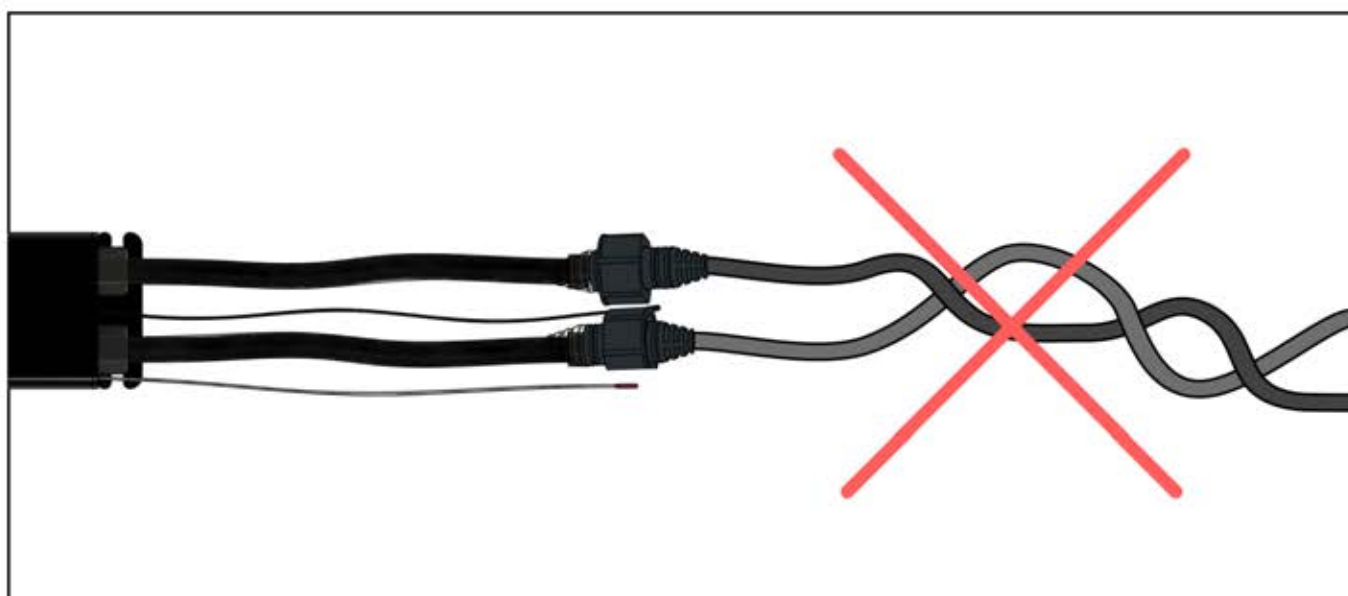
It's time to PAIR the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.

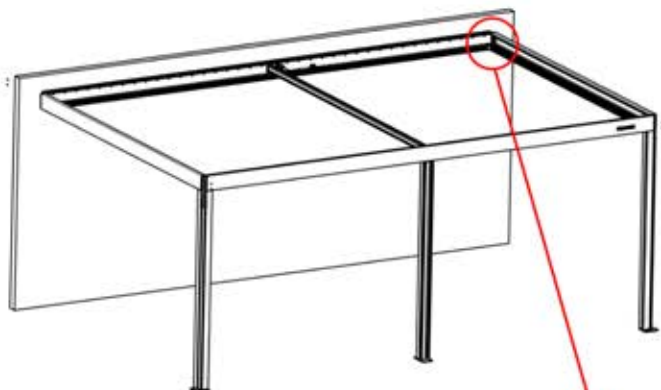


46

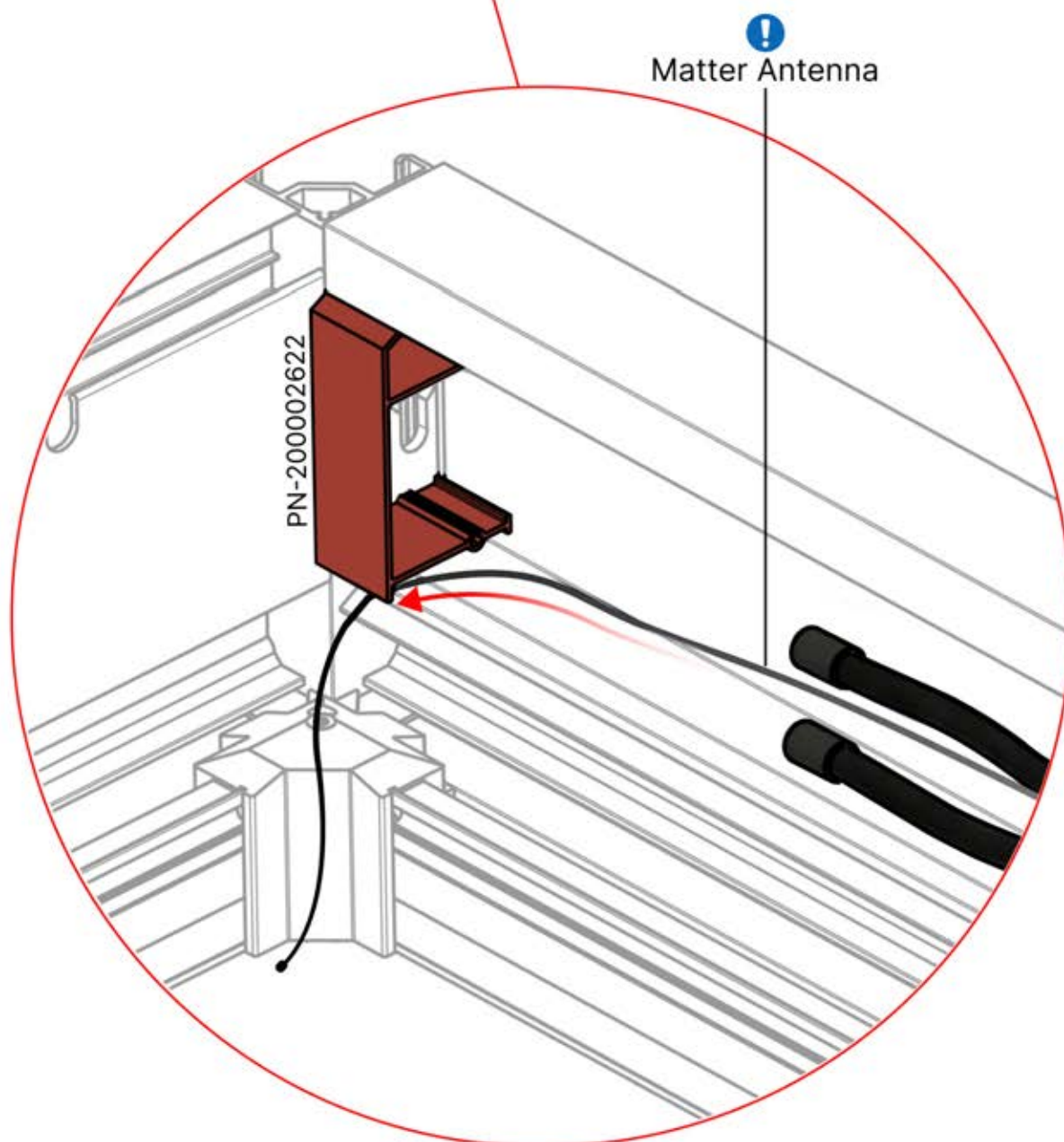
 CONTROL BOX	S4  PN-200002683 5x  PN-200002684 10x
! Keep the Matter Antenna wire free and do not tie them with LED and Motor wire	



47




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

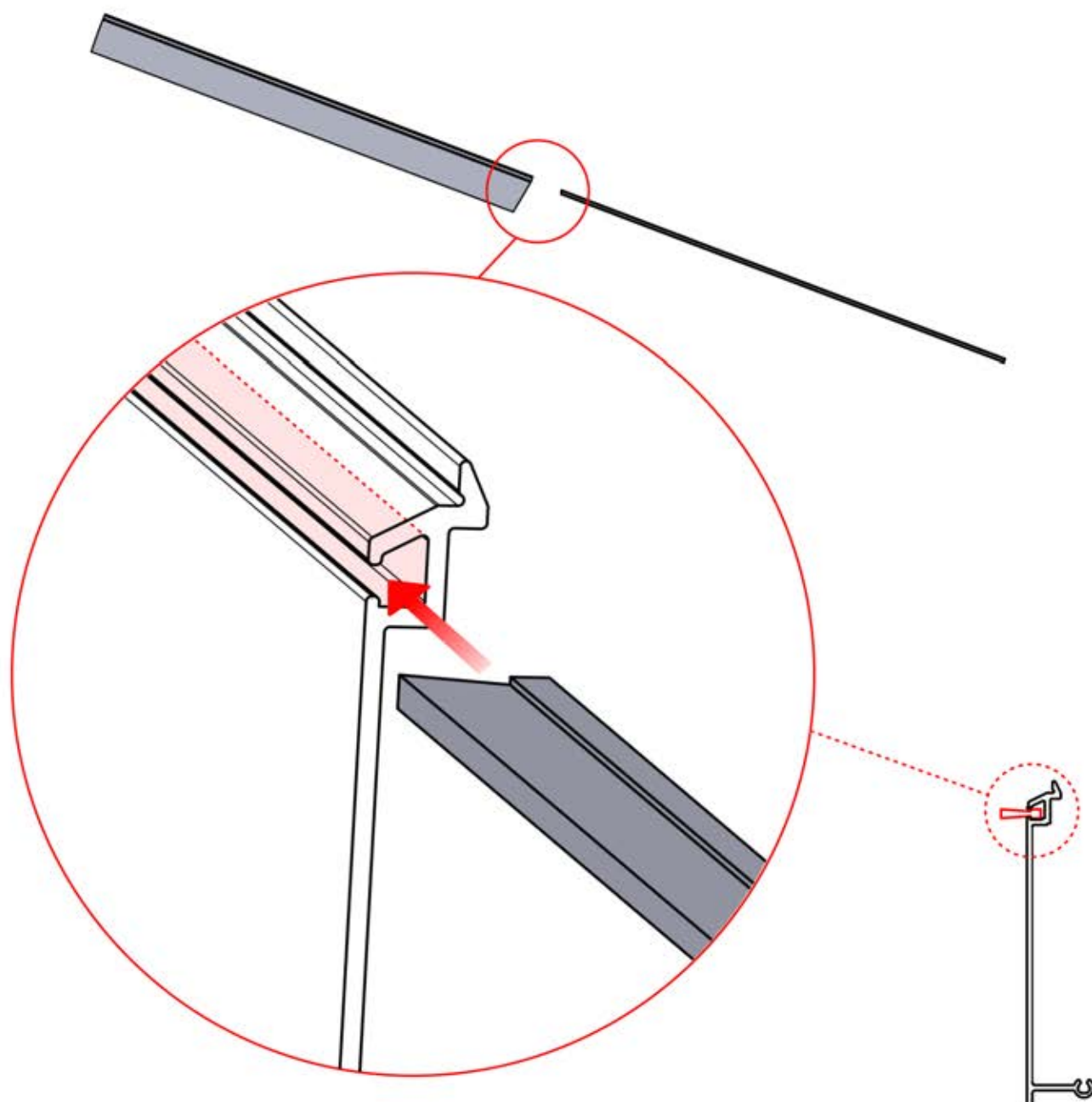


48

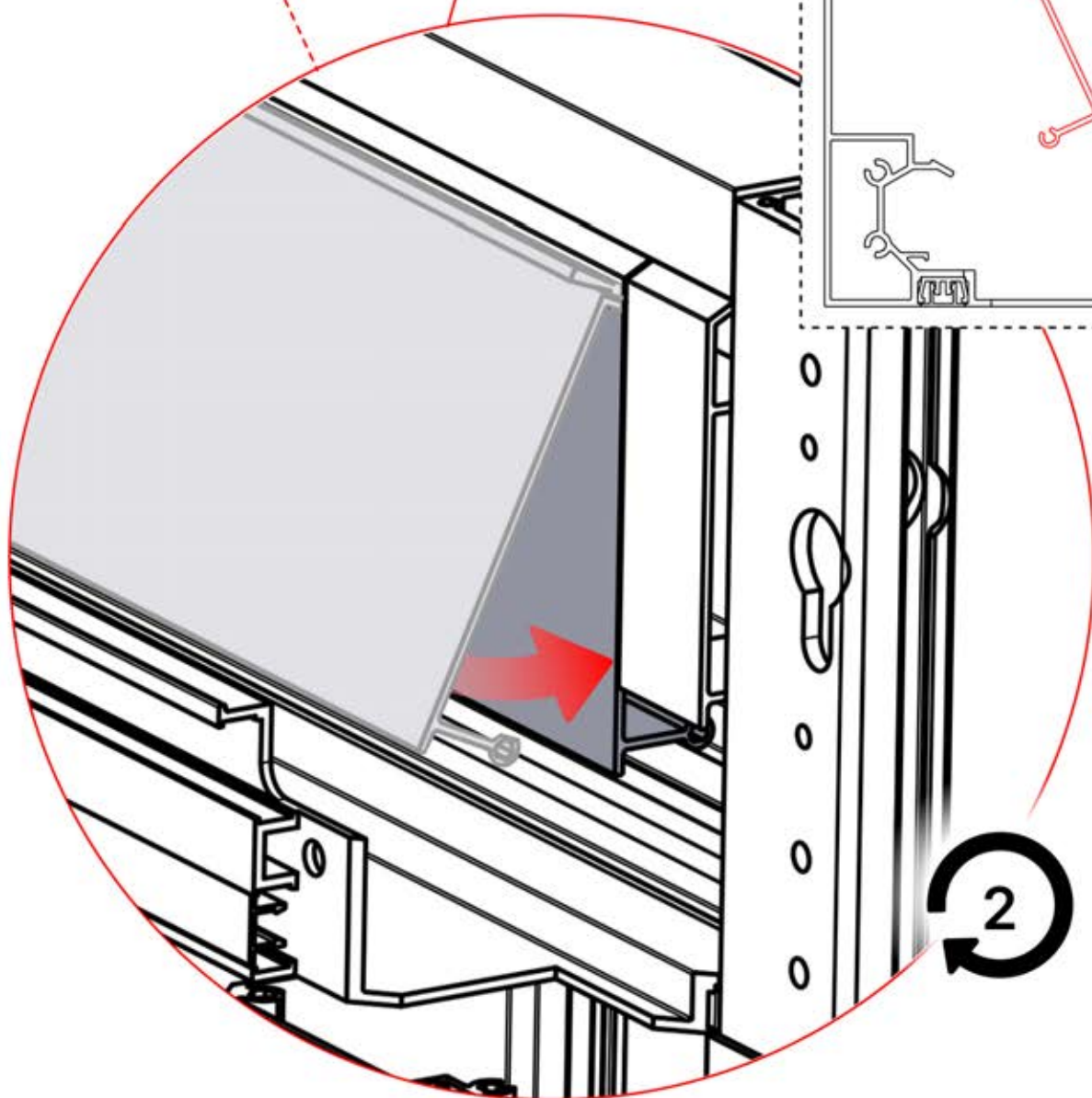
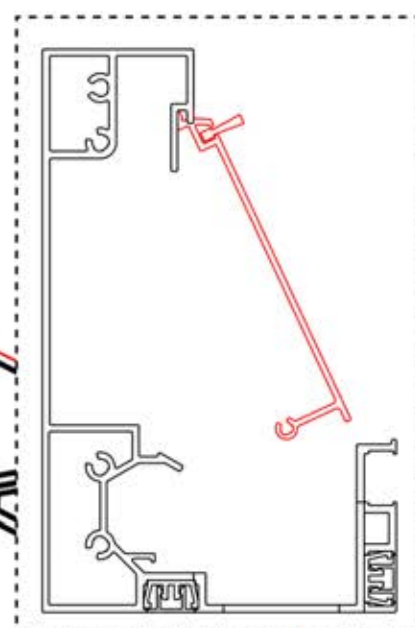
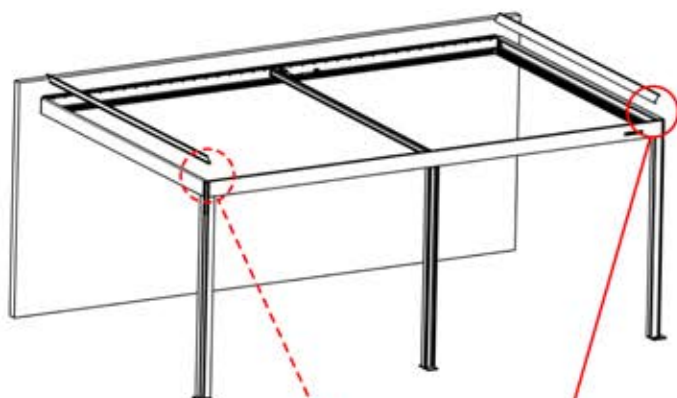
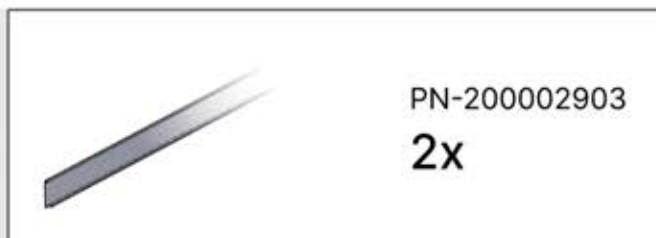
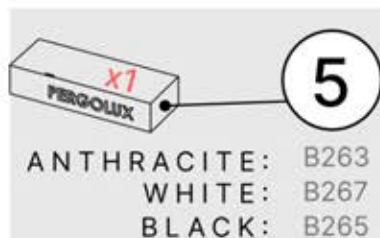
 **5**

ANTHRACITE:	B263
WHITE:	B267
BLACK:	B265

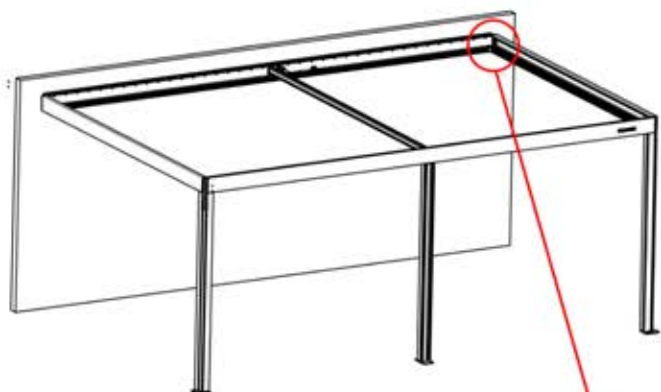
	PN-200002903 2x
	PN-200003204 2x



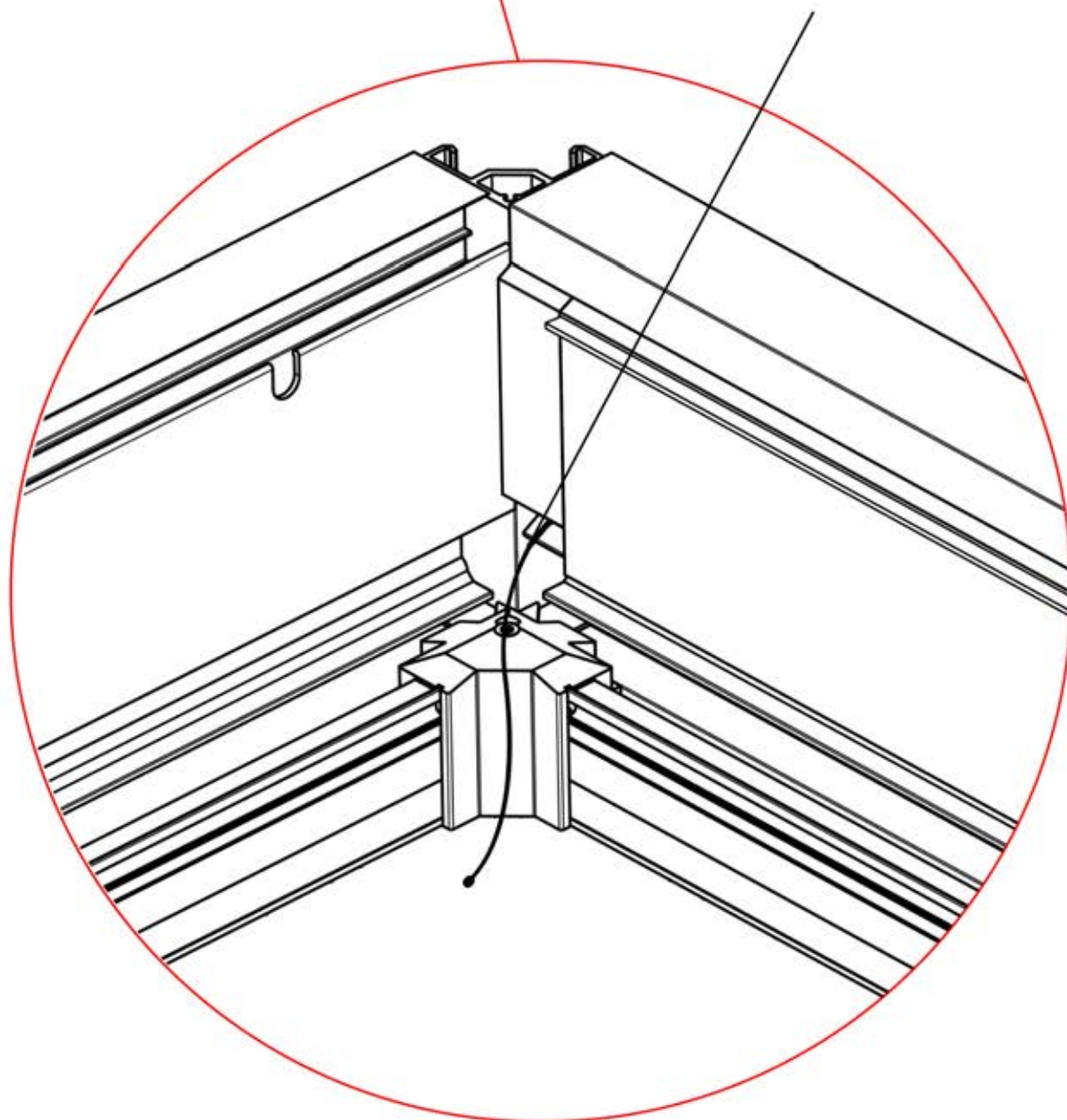
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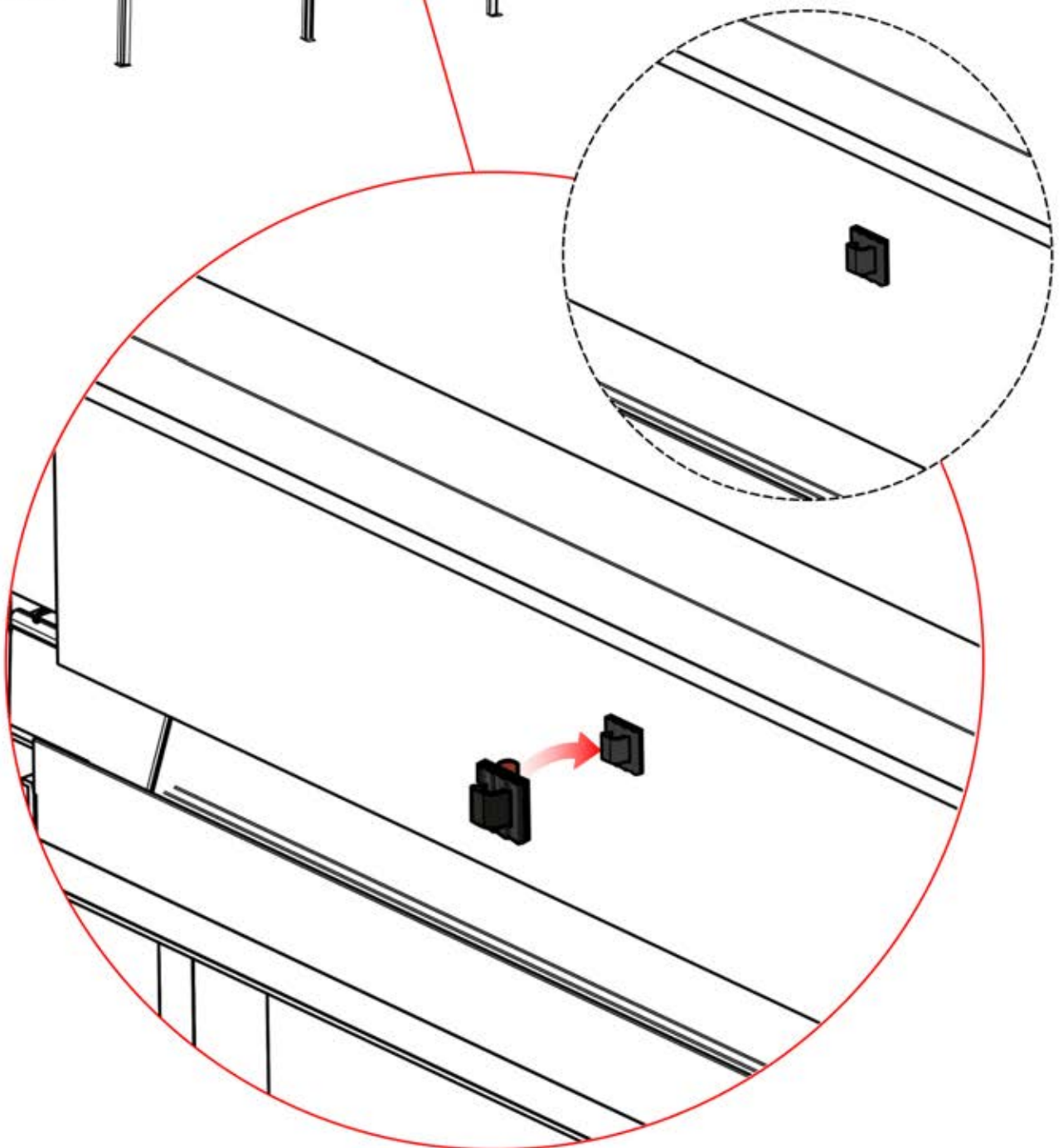
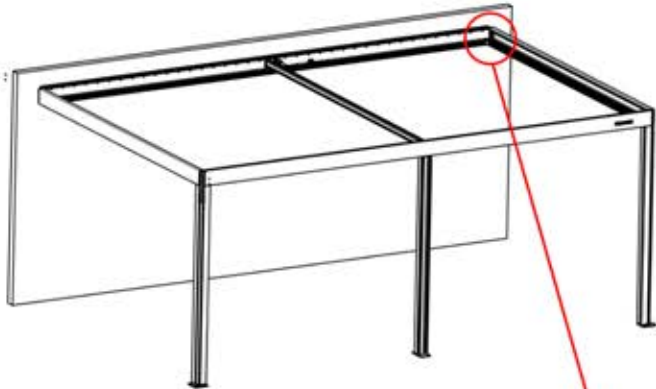
INFORMATION



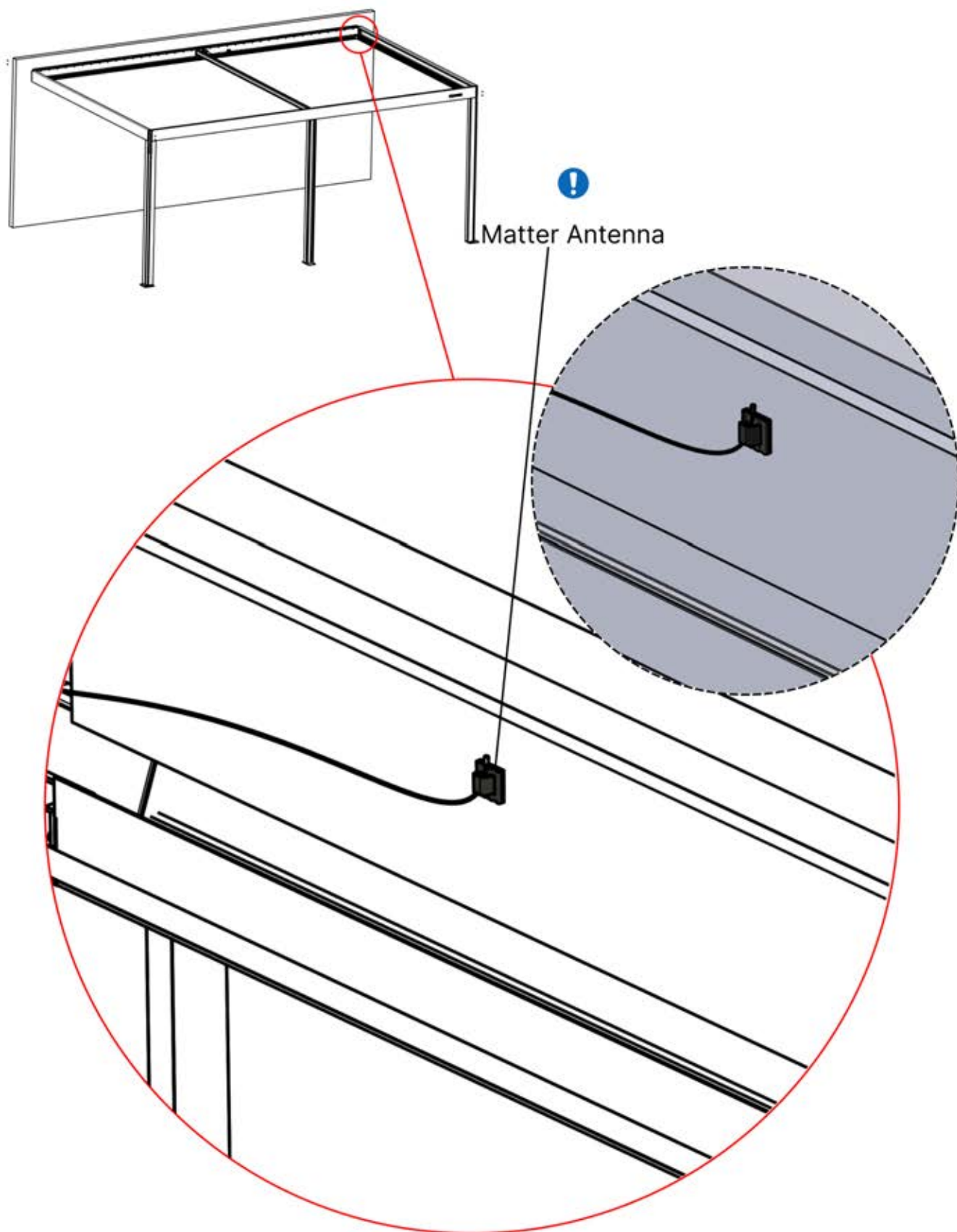
Matter Antenna



50



51

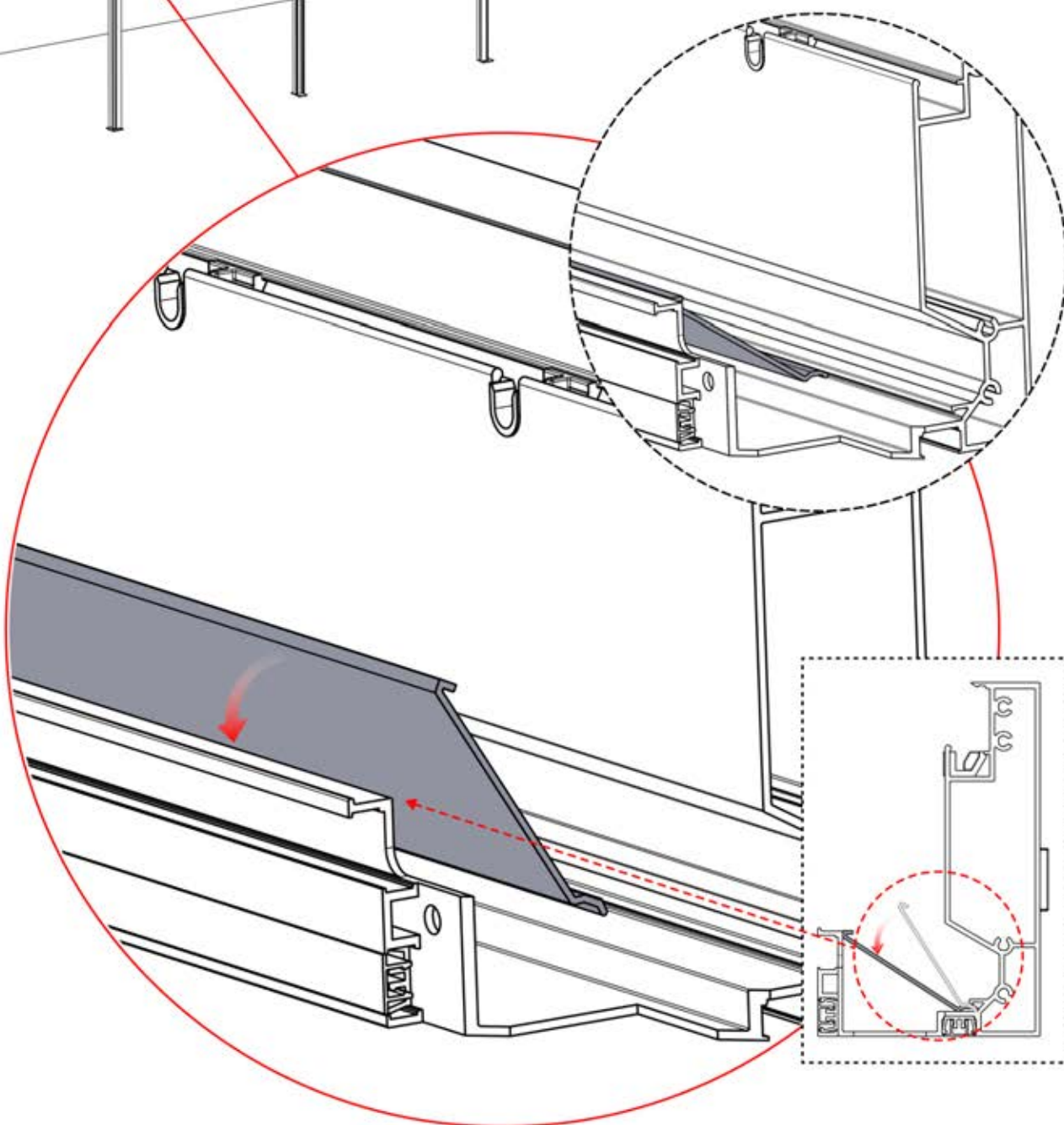
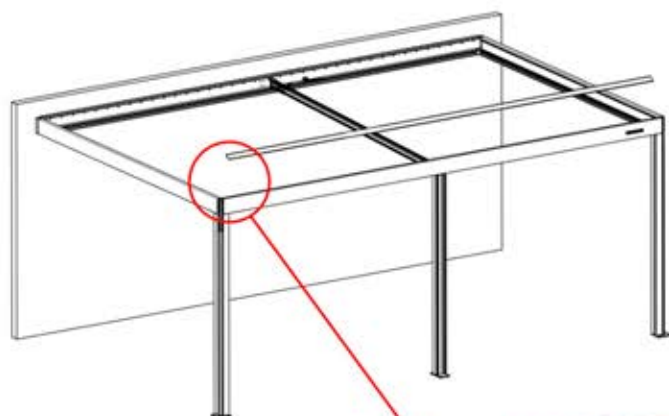
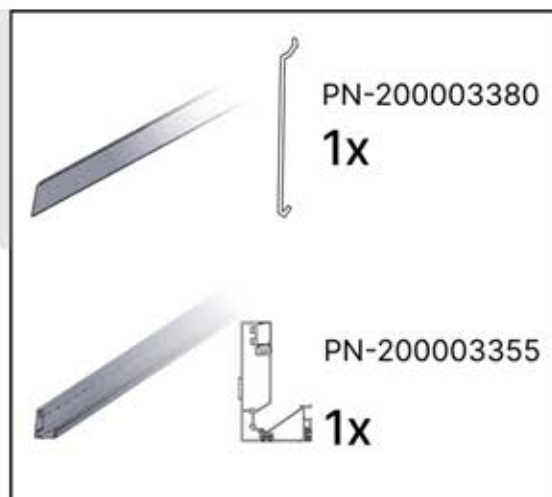


52

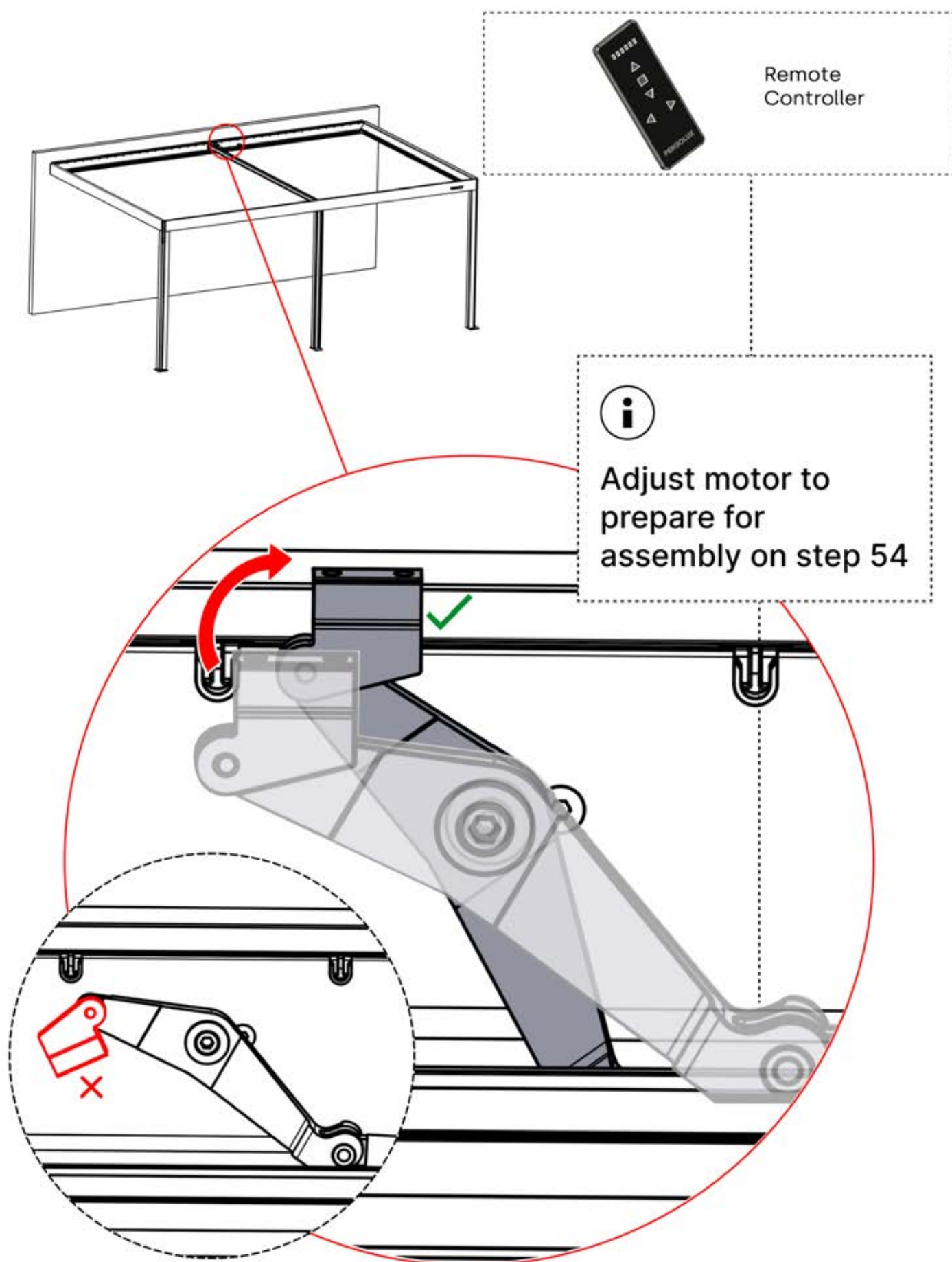


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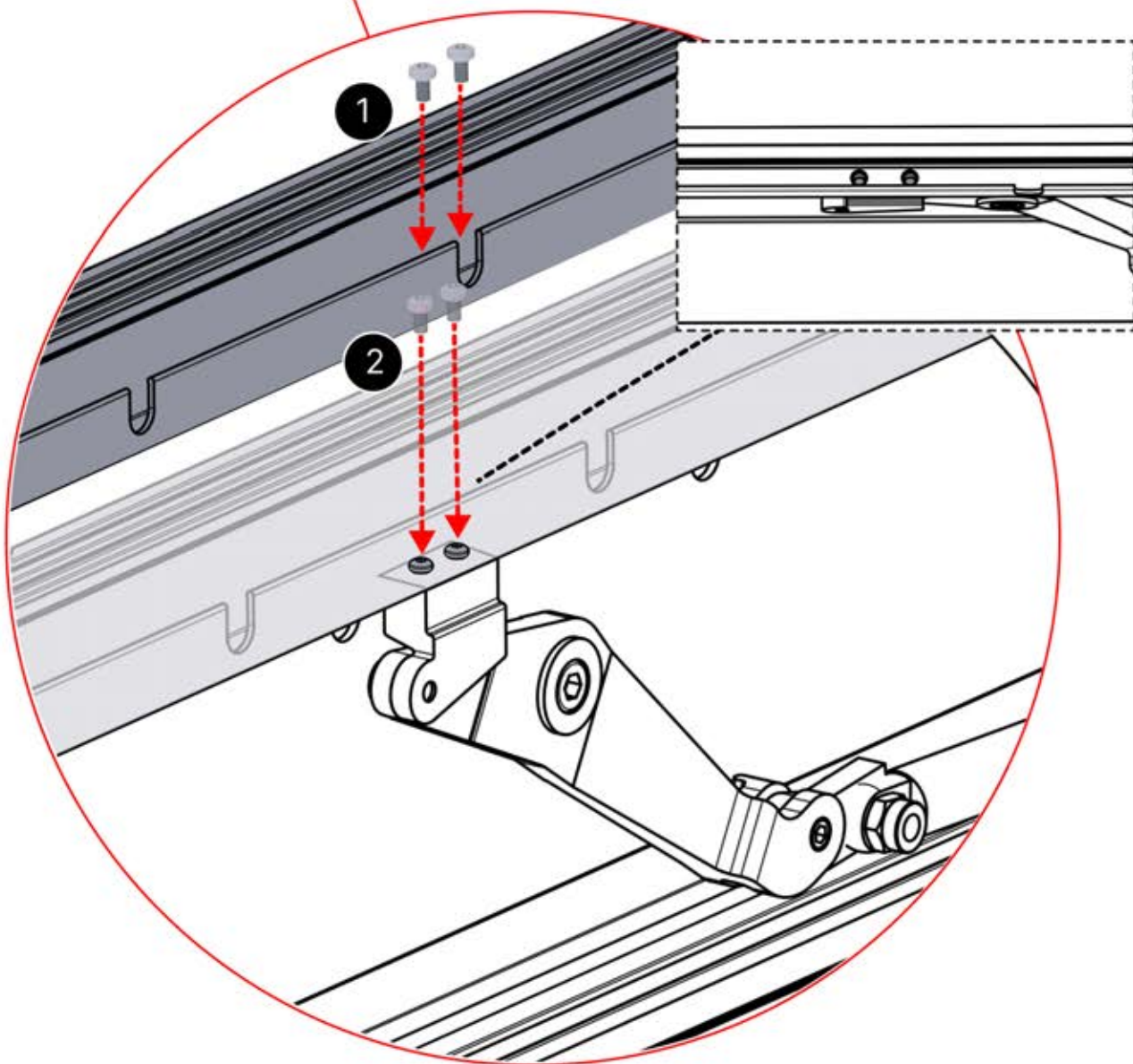
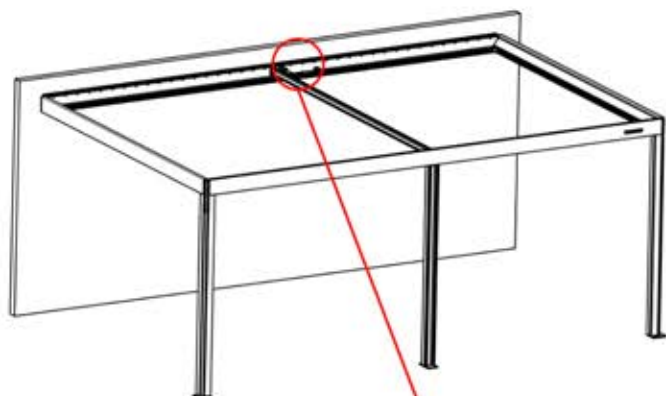
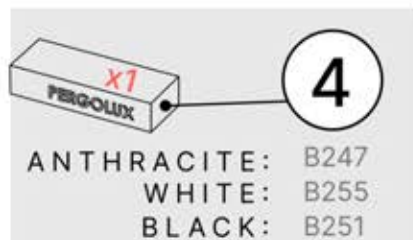
ANTHRACITE: B247
WHITE: B255
BLACK: B251



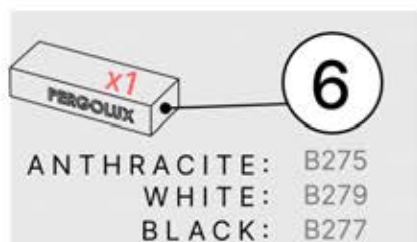
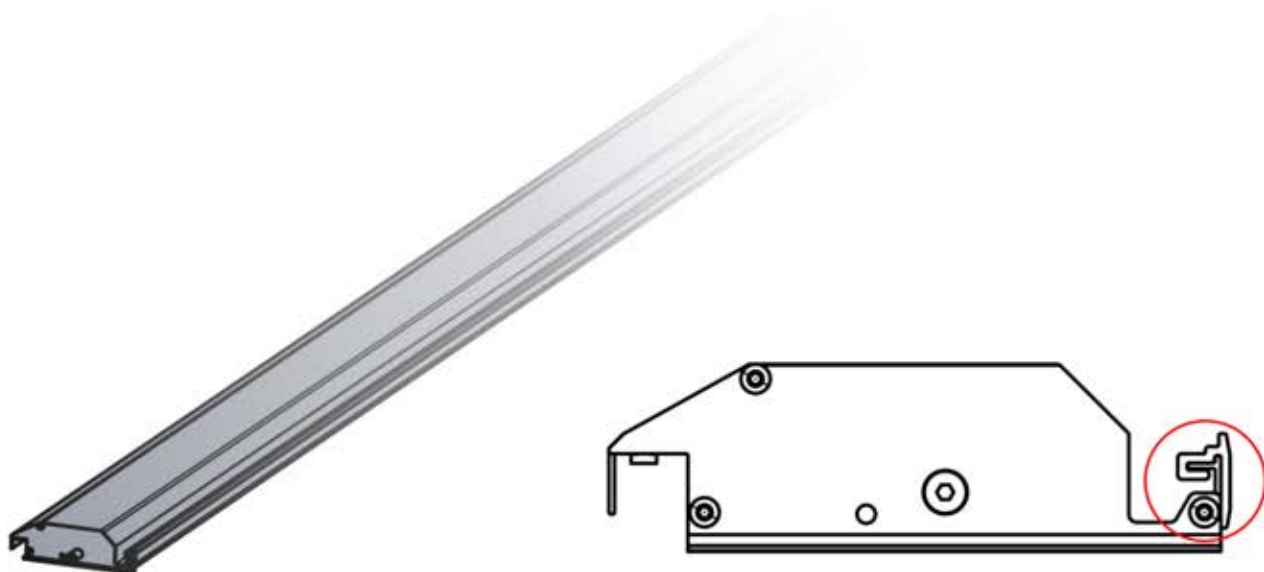
53



54



ITEMS IN BOX

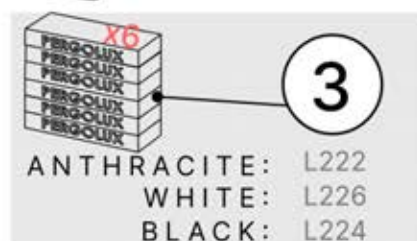
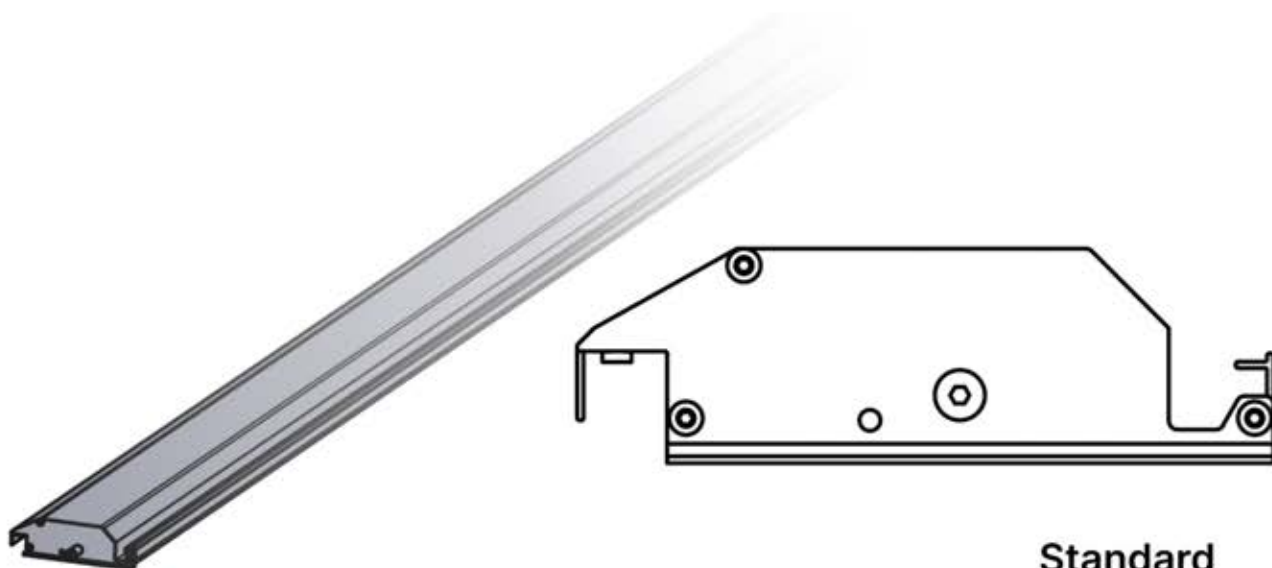


ANTHRACITE: B275
WHITE: B279
BLACK: B277

PLR 150 G2 PRO LOUVER END FS 4M
PACKAGE

PN-200002975

1x



ANTHRACITE: L222
WHITE: L226
BLACK: L224

PLR 150 G2 PRO LOUVER STD FS 4M
PACKAGE

PN-200002883

37x

Standard

55



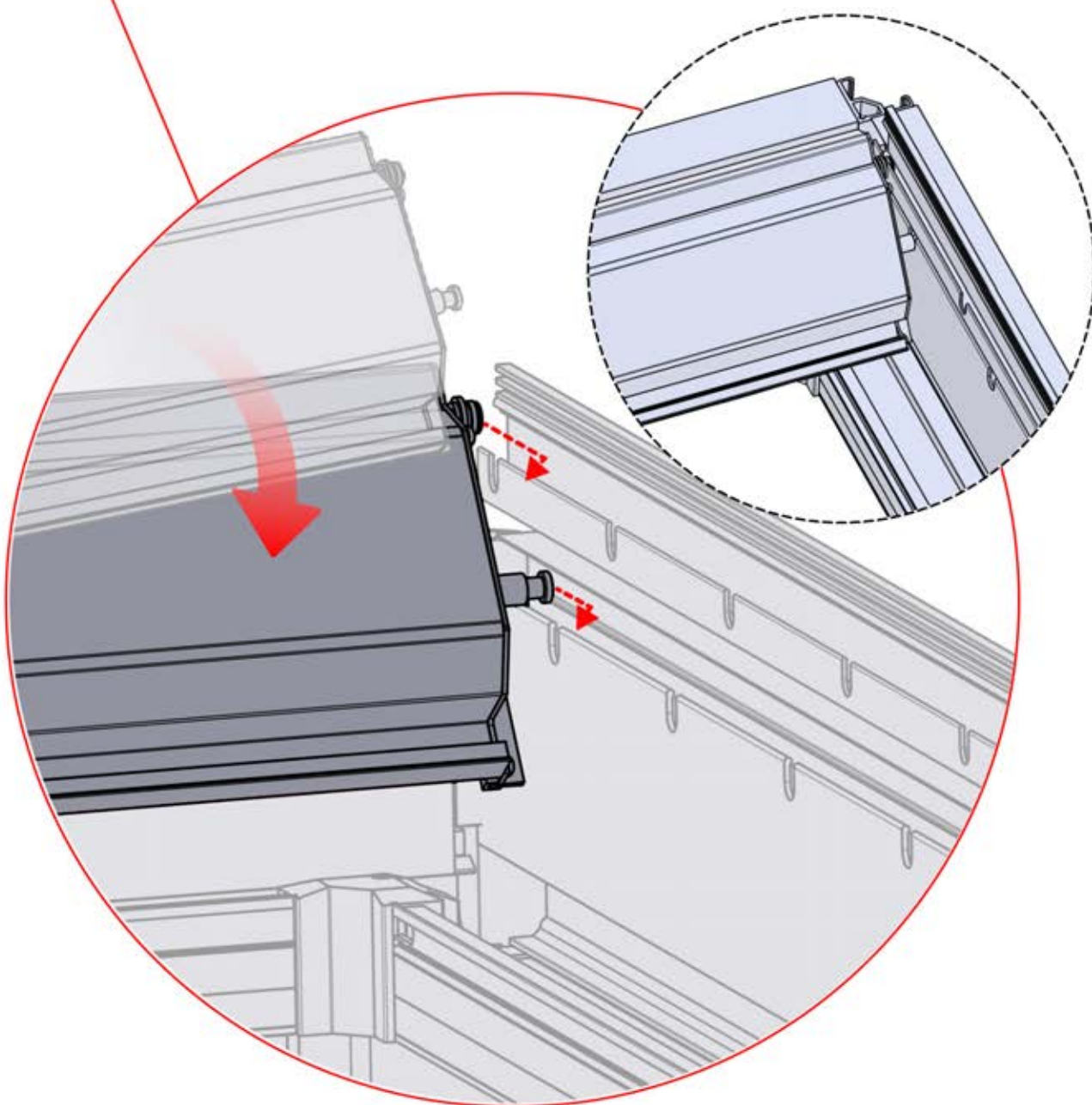
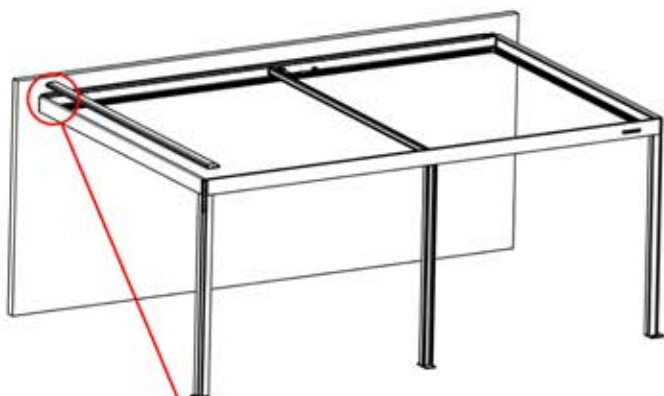
3

ANTHRACITE: L222
WHITE: L226
BLACK: L224

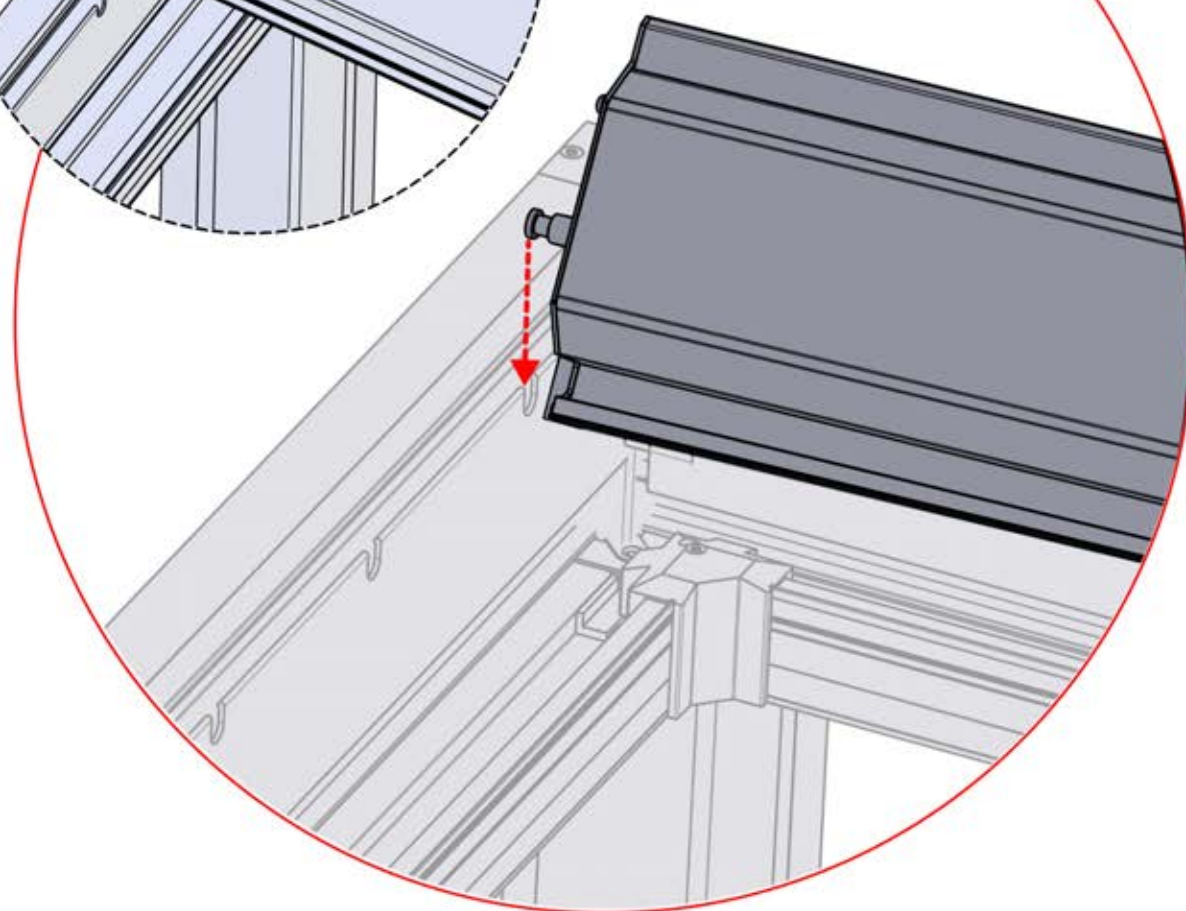
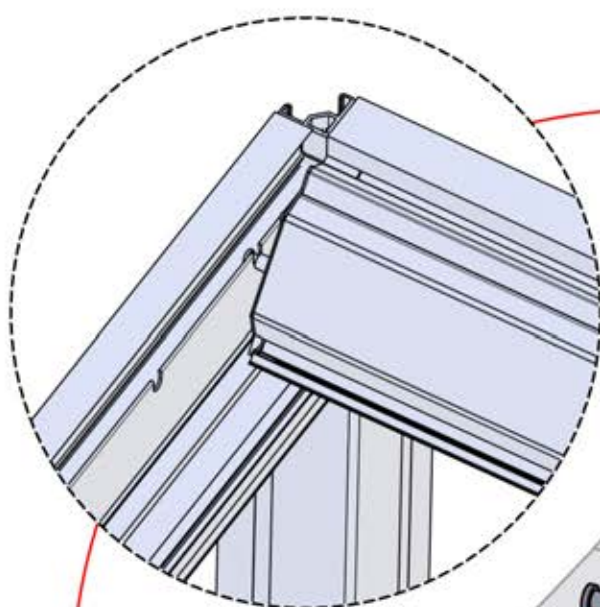
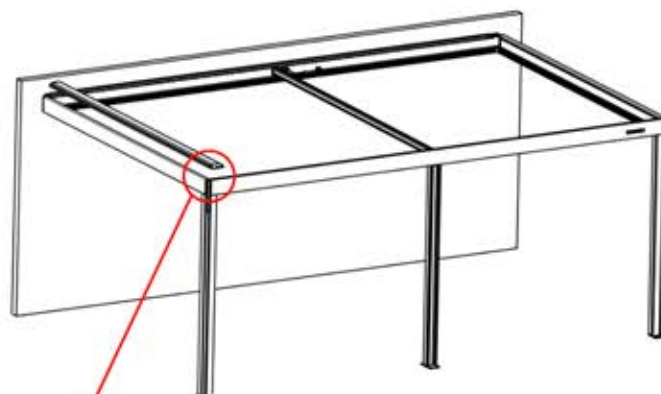
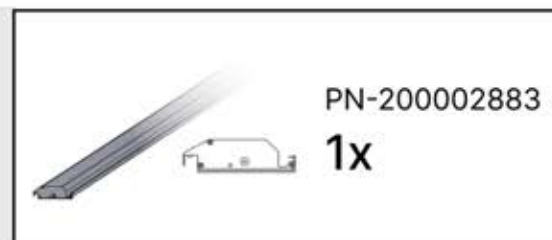
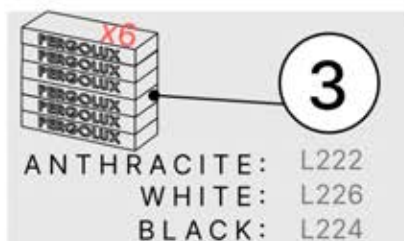


PN-200002883

1x



56

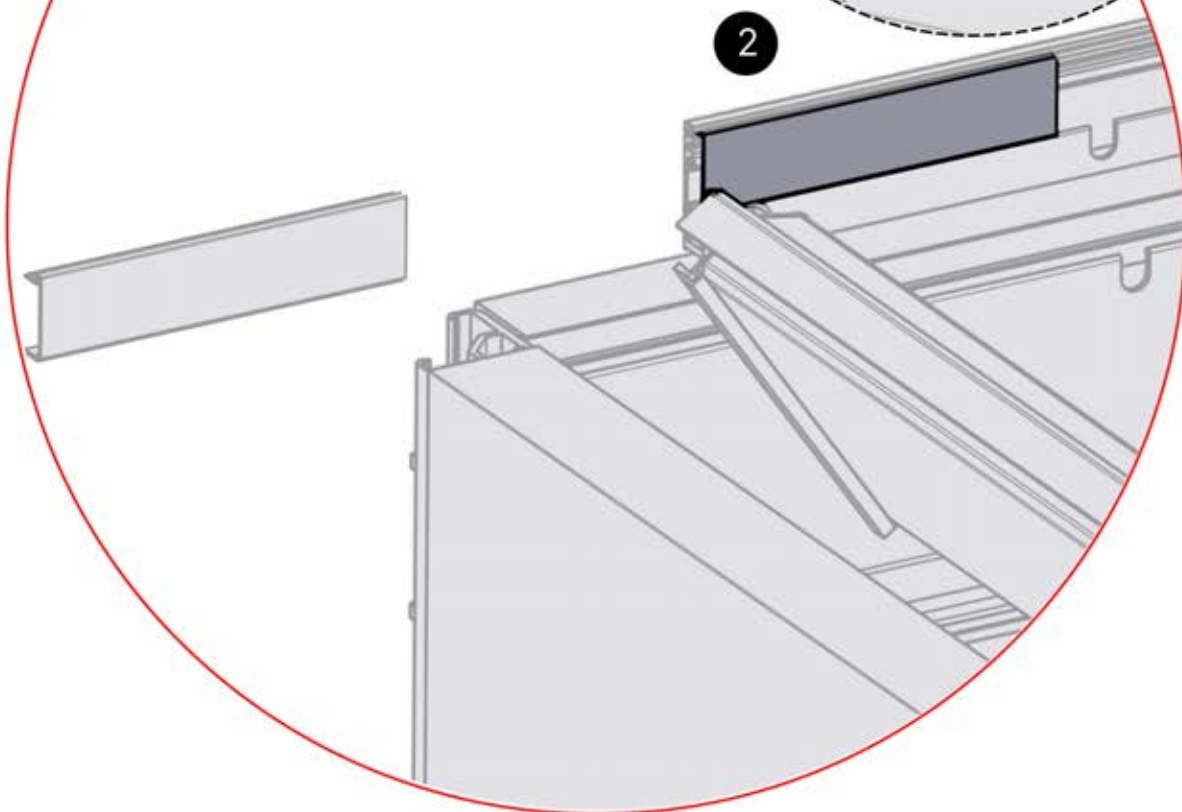
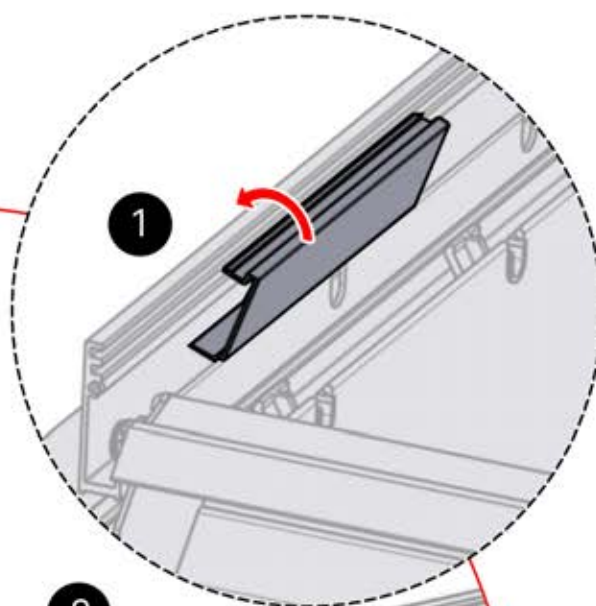
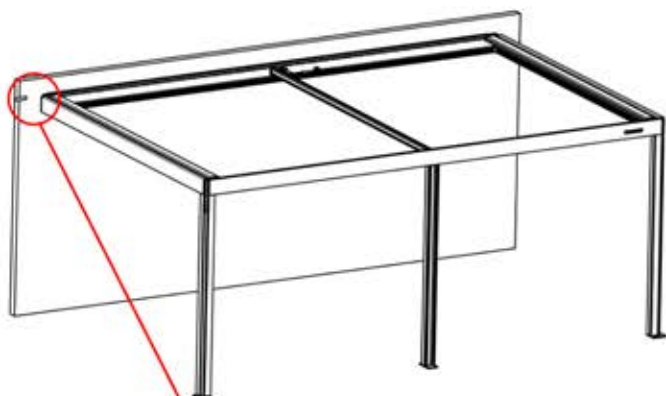
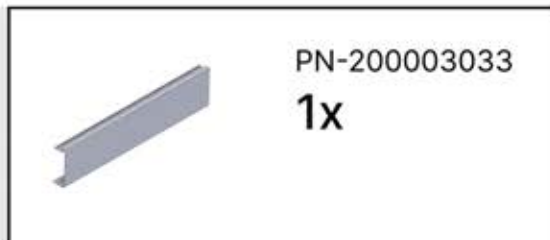


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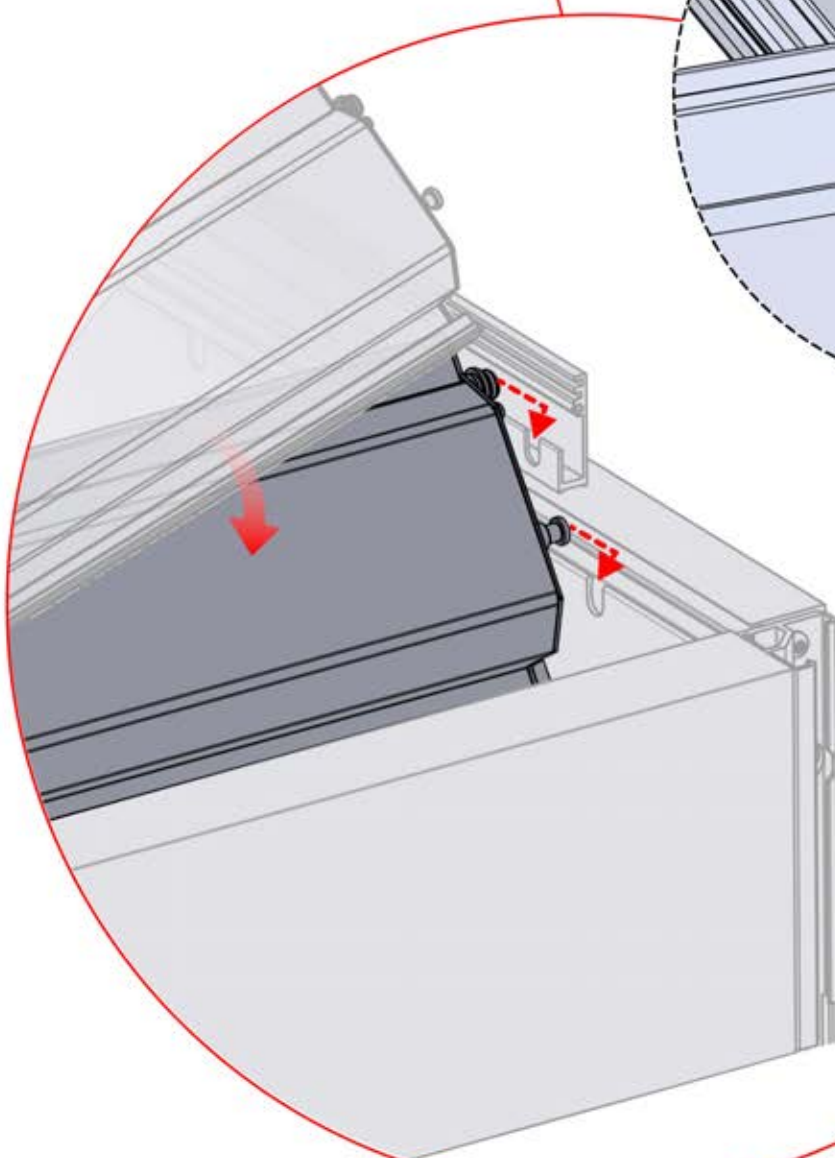
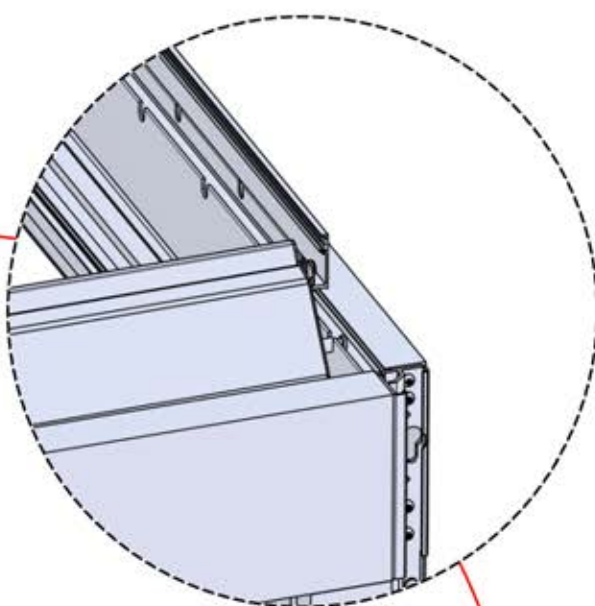
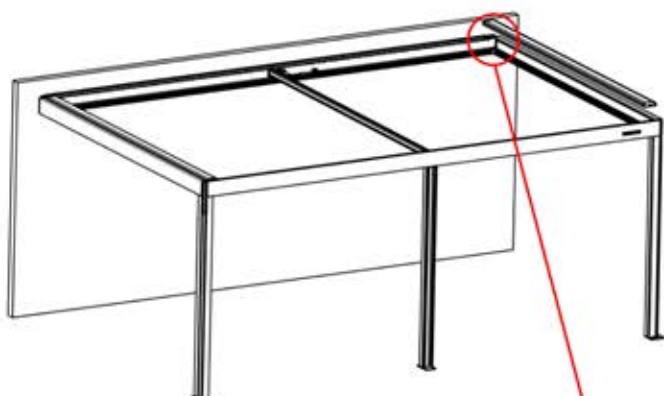
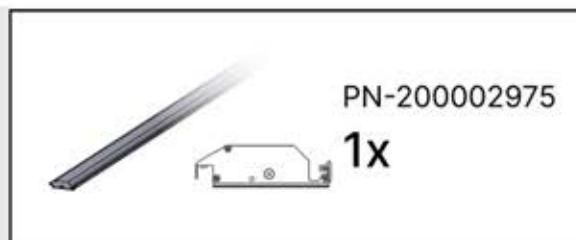
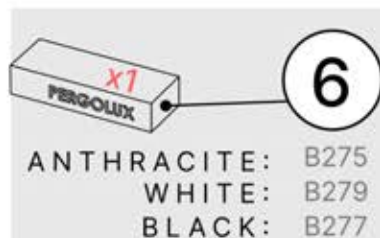


4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



58



59



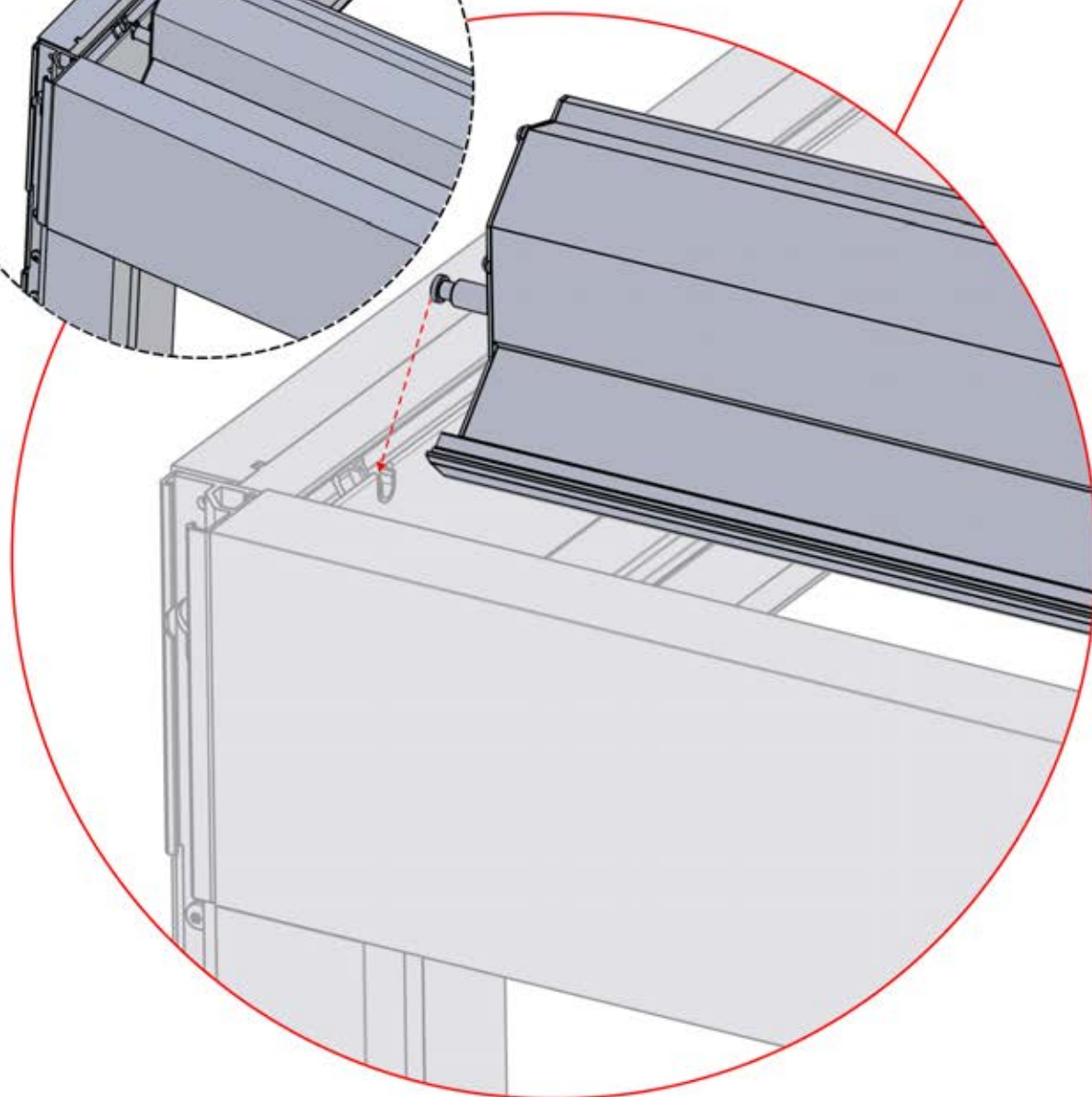
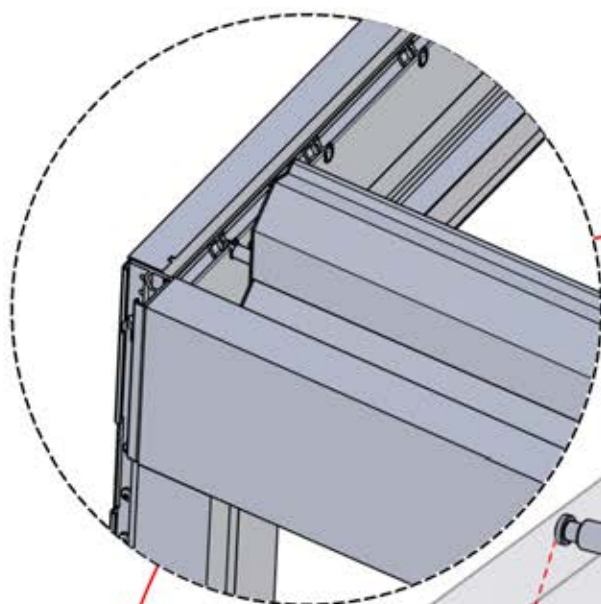
6

ANTHRACITE: B275
WHITE: B279
BLACK: B277

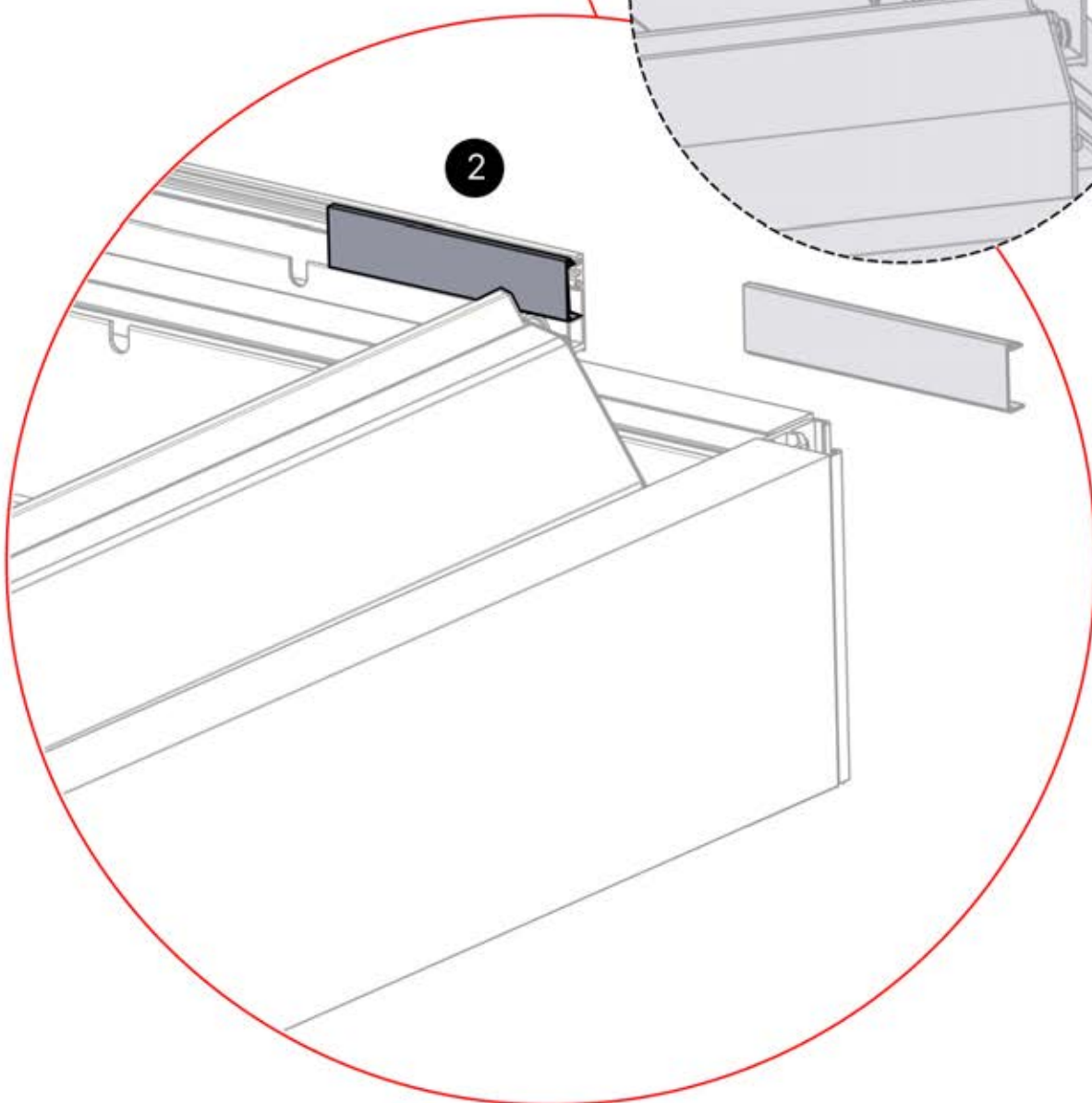
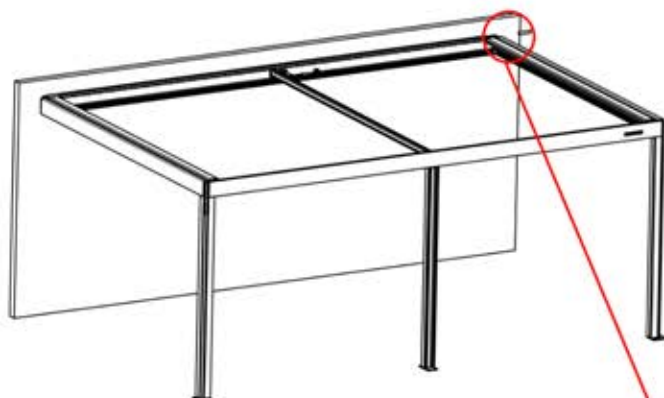
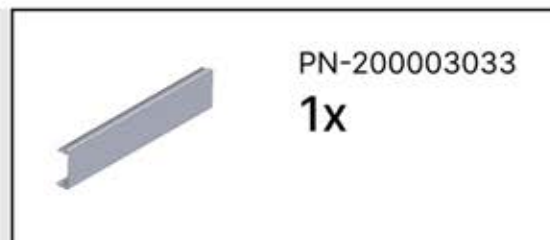
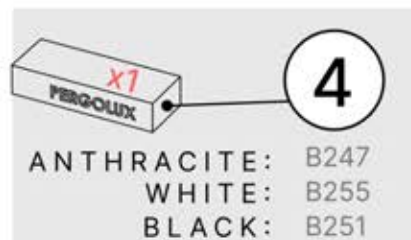


PN-200002975

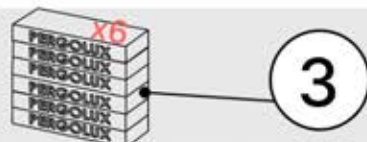
1x



60



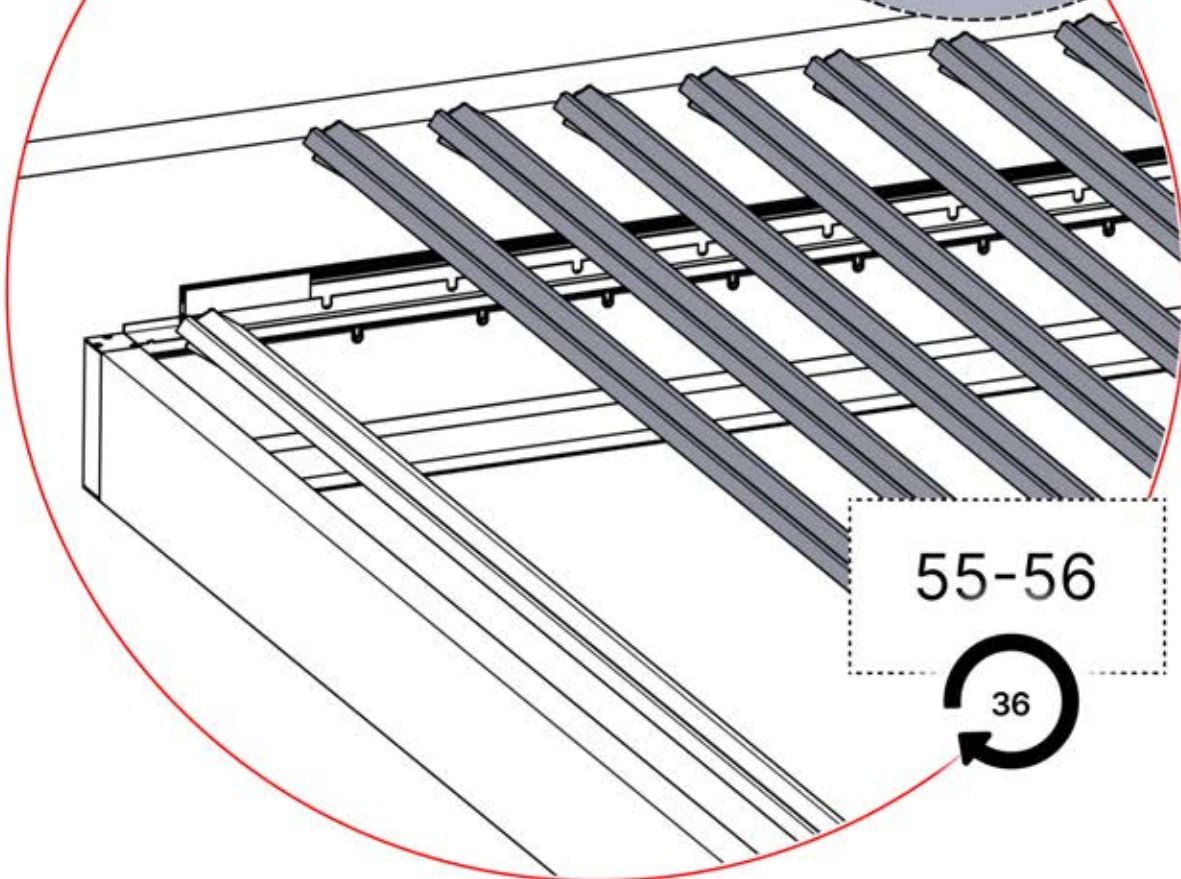
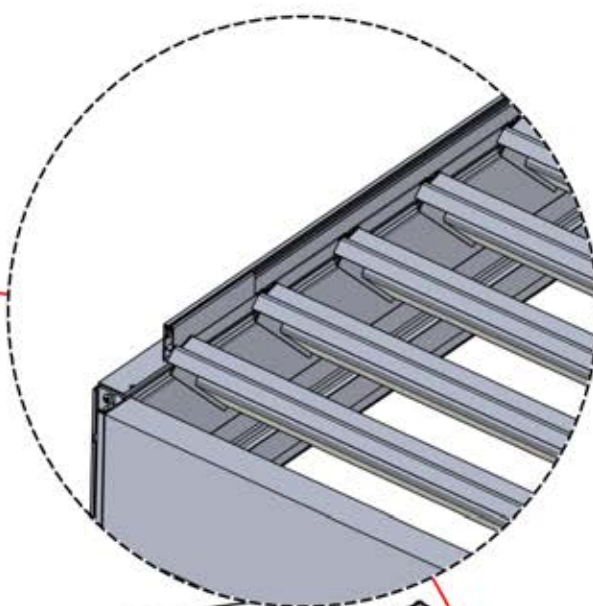
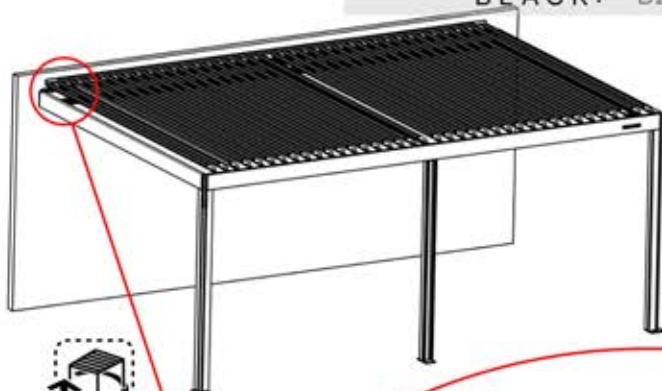
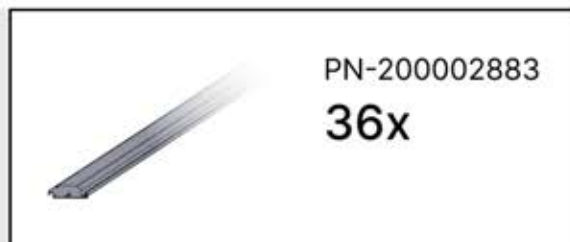
61



ANTHRACITE: L222
WHITE: L226
BLACK: L224



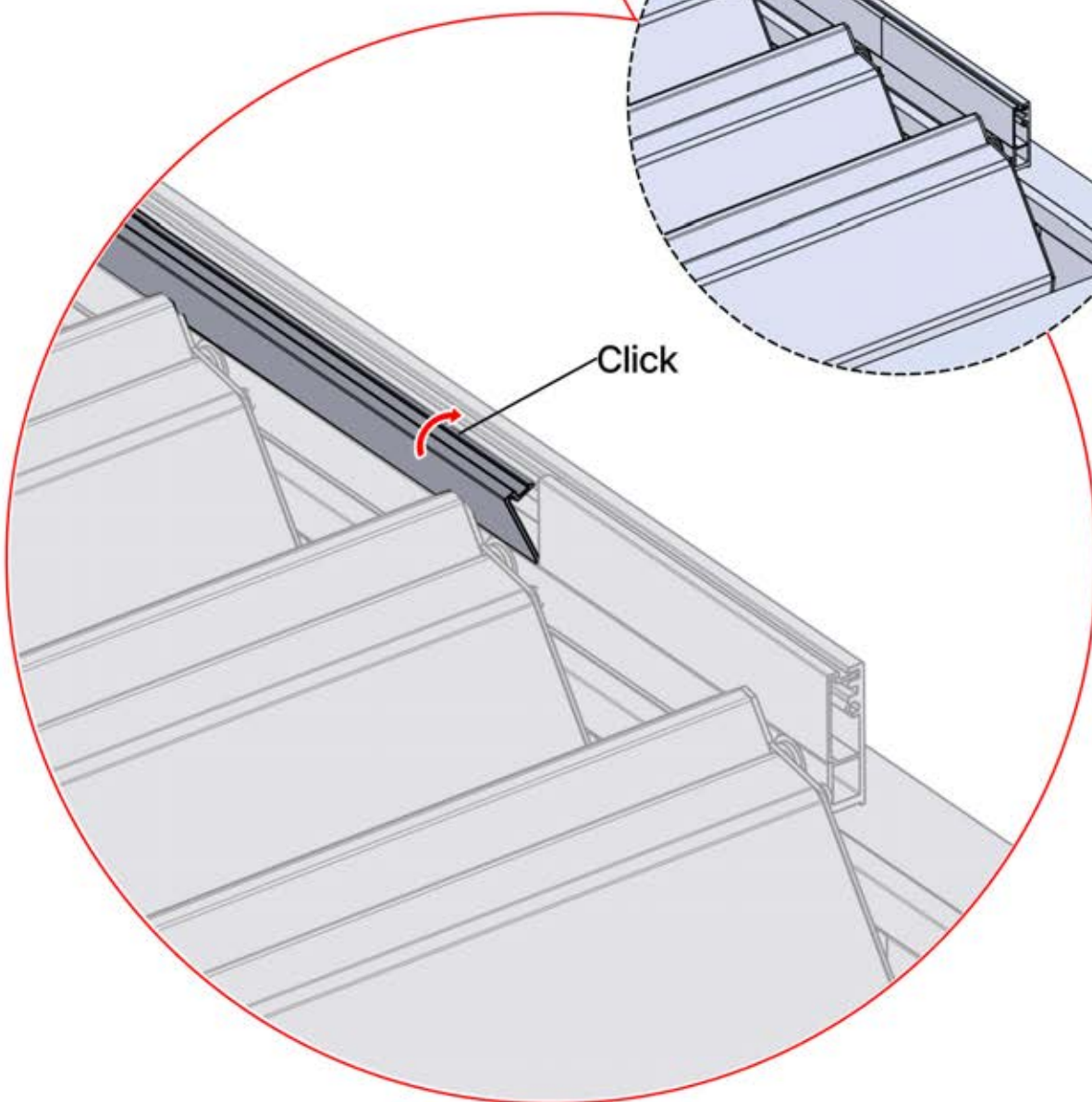
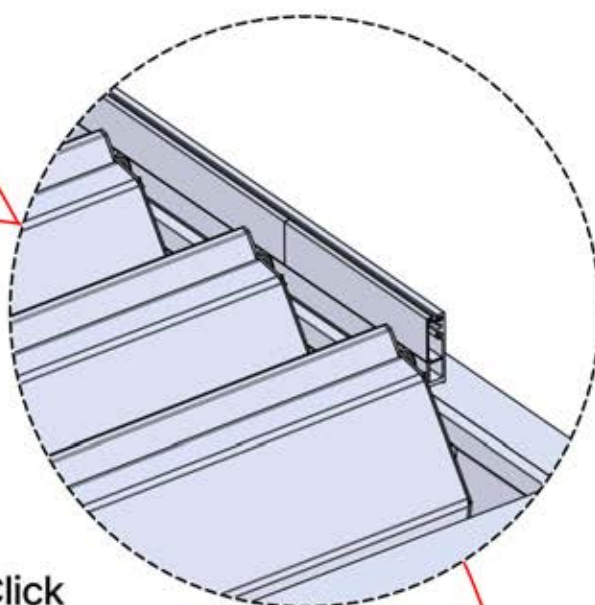
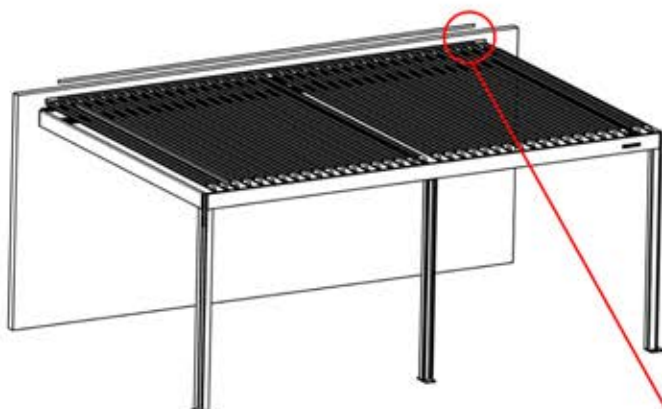
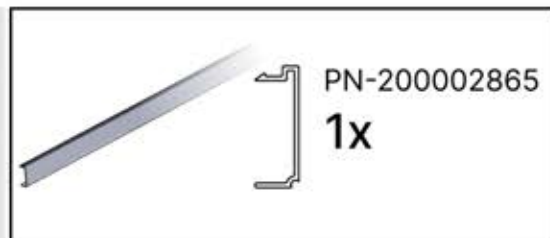
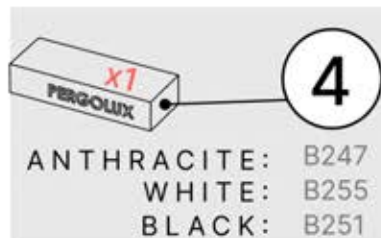
ANTHRACITE: B275
WHITE: B279
BLACK: B277



55-56



62

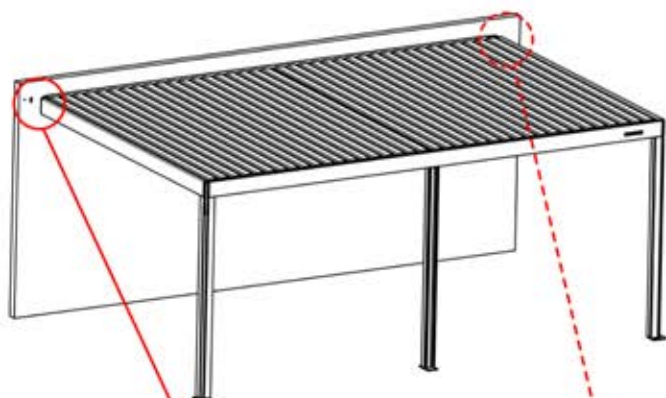


63



4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



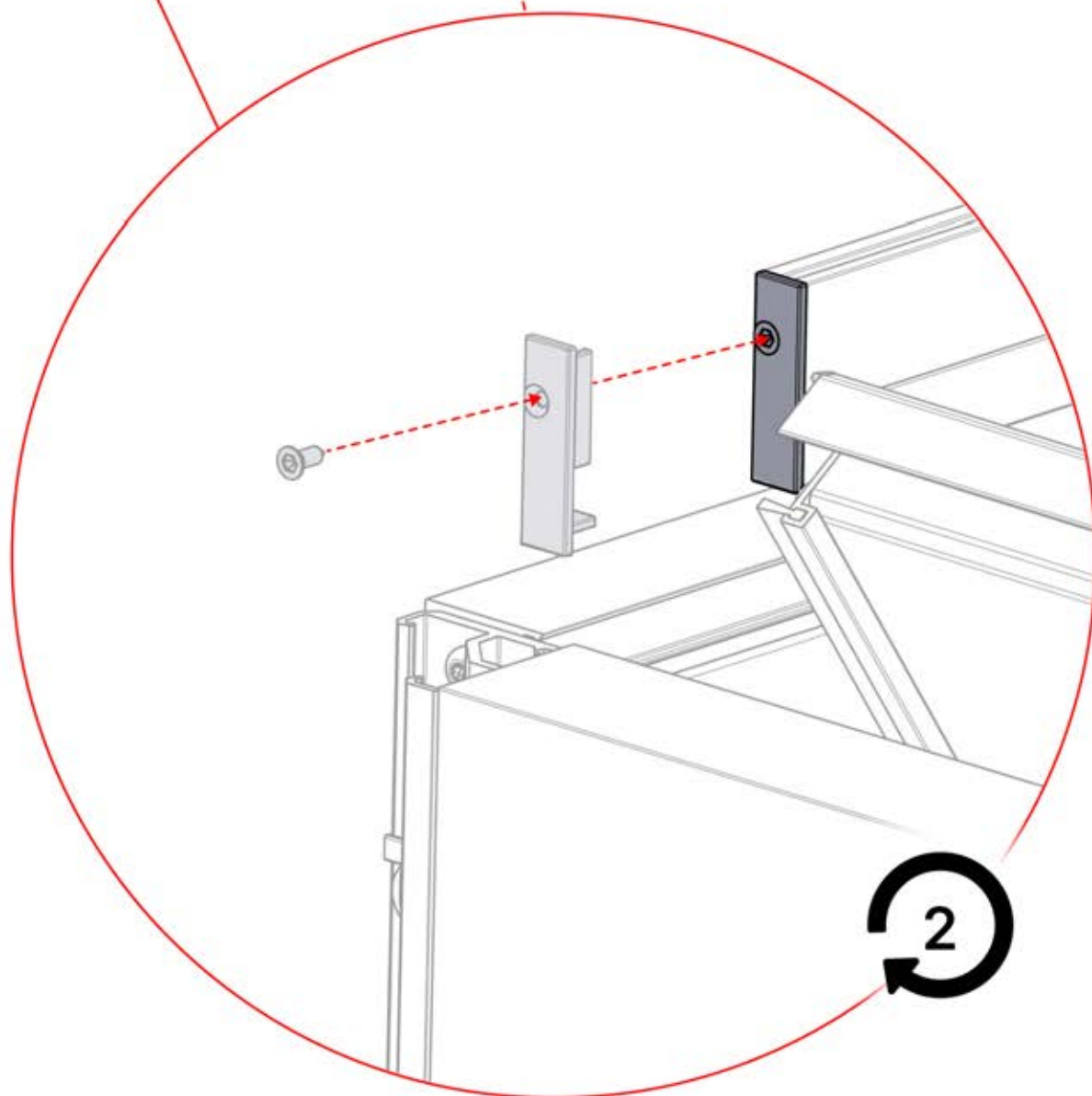
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1x



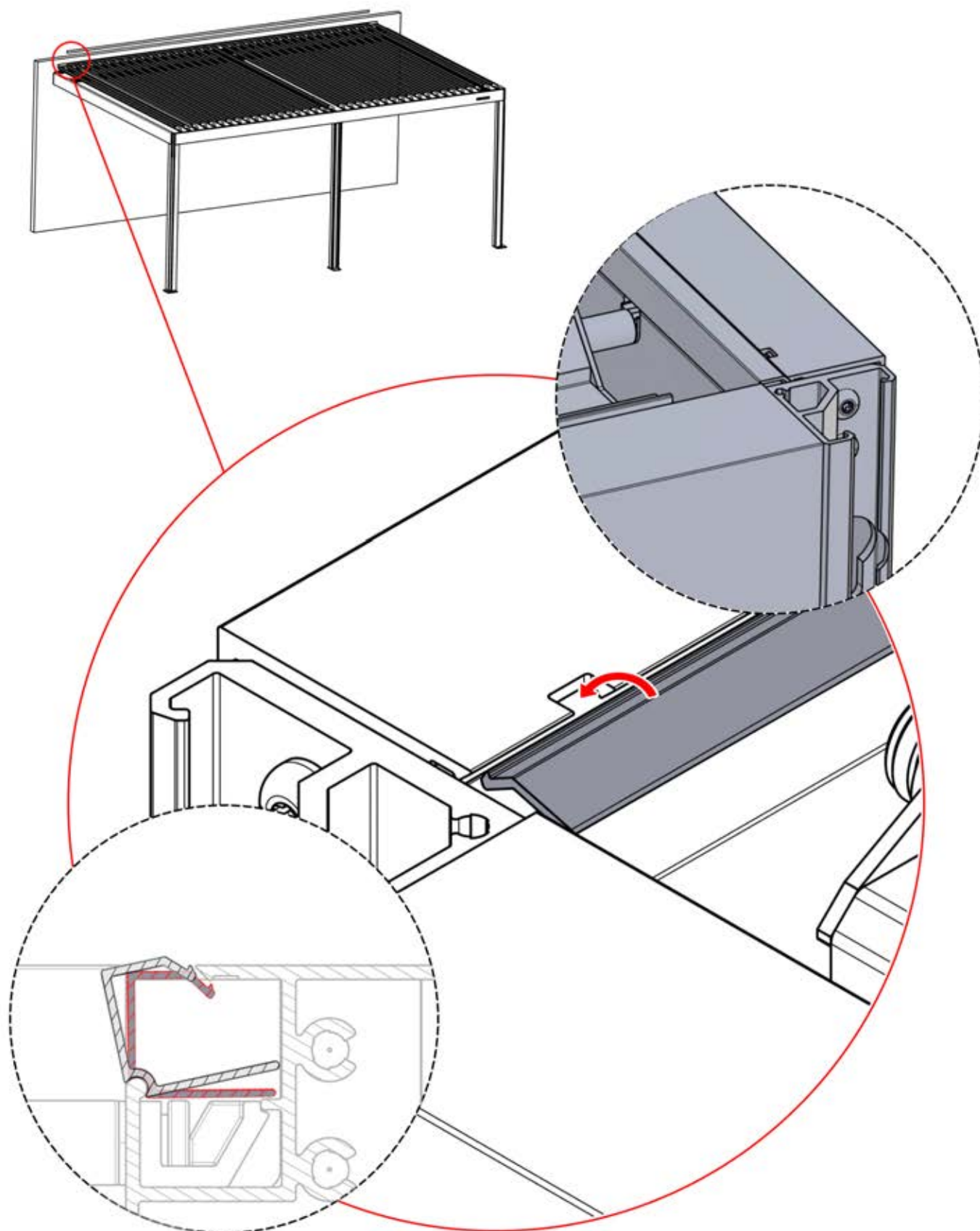
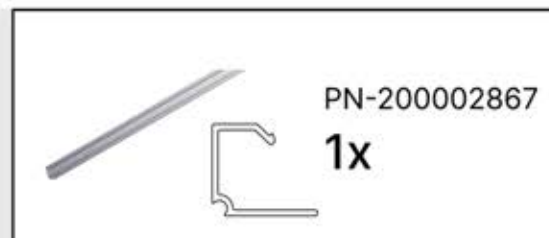
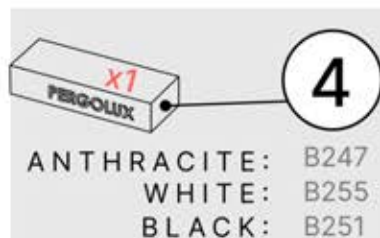
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1x



PN-200001207
2x



64

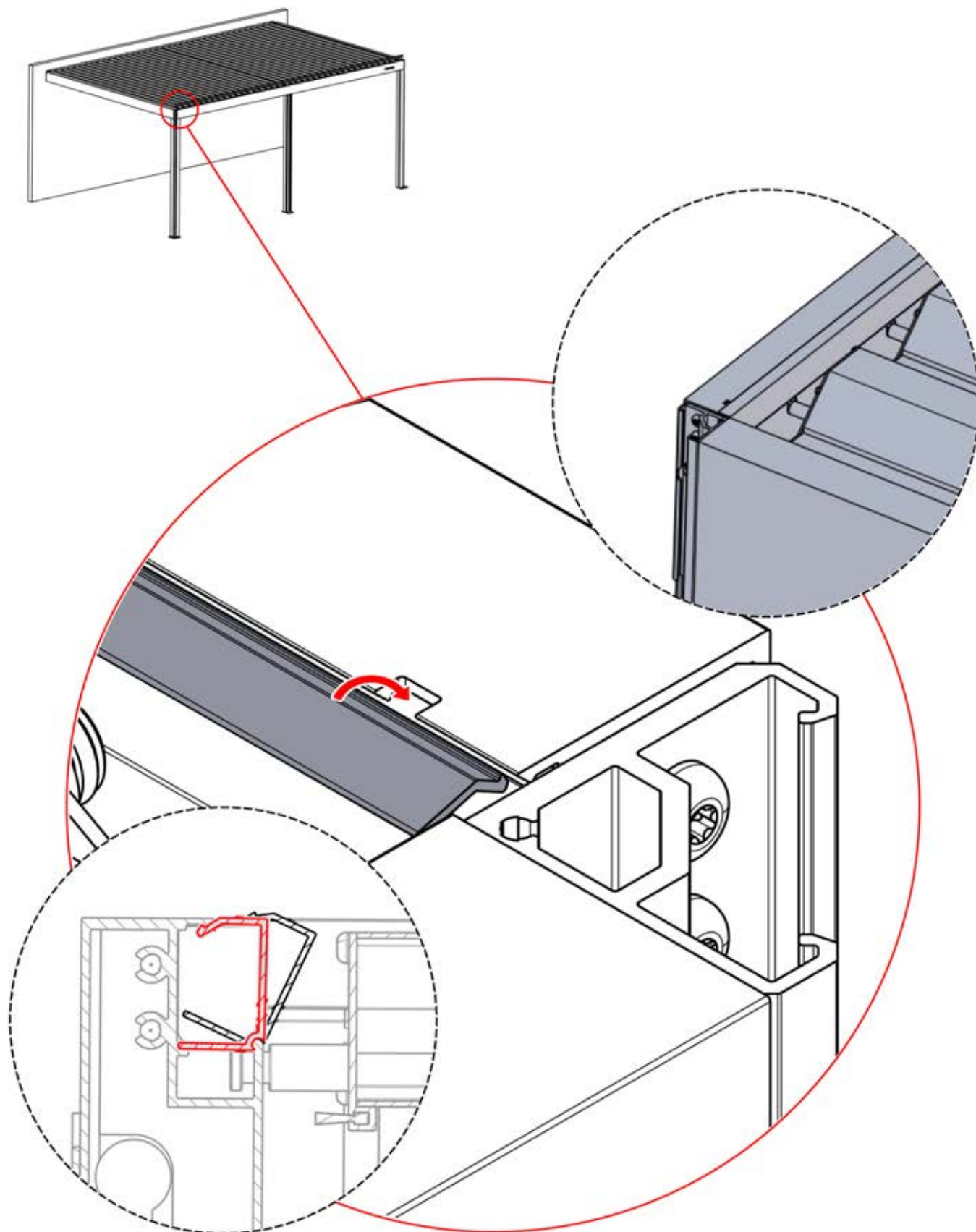
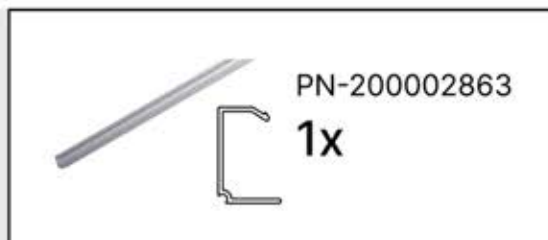


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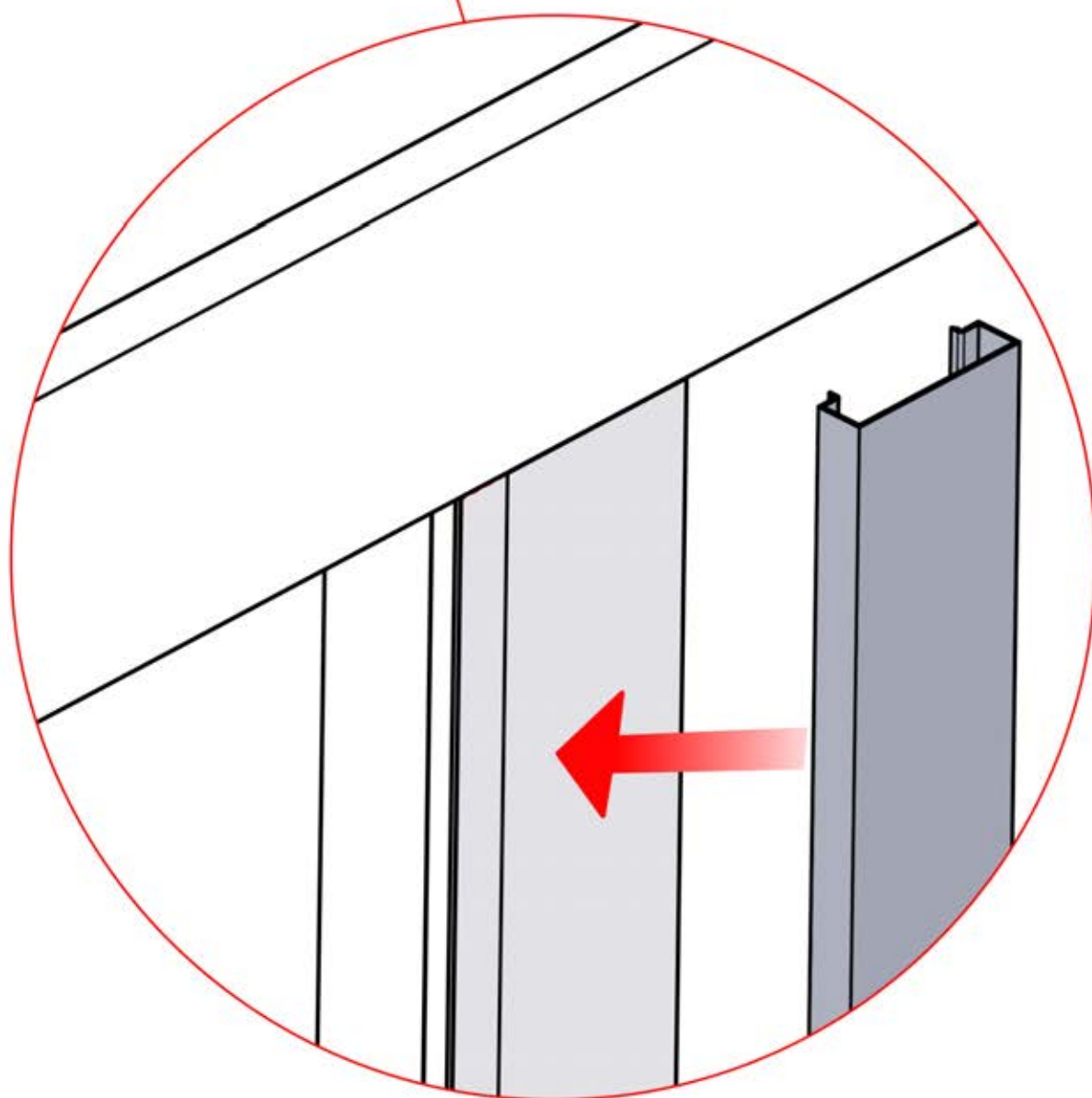
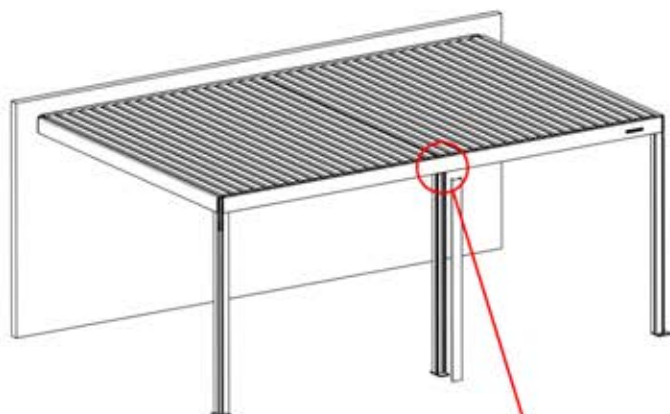
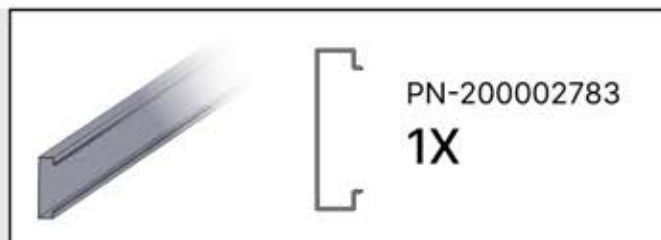
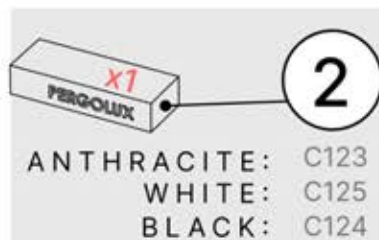


4

ANTHRACITE: B247
WHITE: B255
BLACK: B251



66



67



1

ANTHRACITE: C120
 WHITE: C122
 BLACK: C121



4

ANTHRACITE: B247
 WHITE: B255
 BLACK: B251



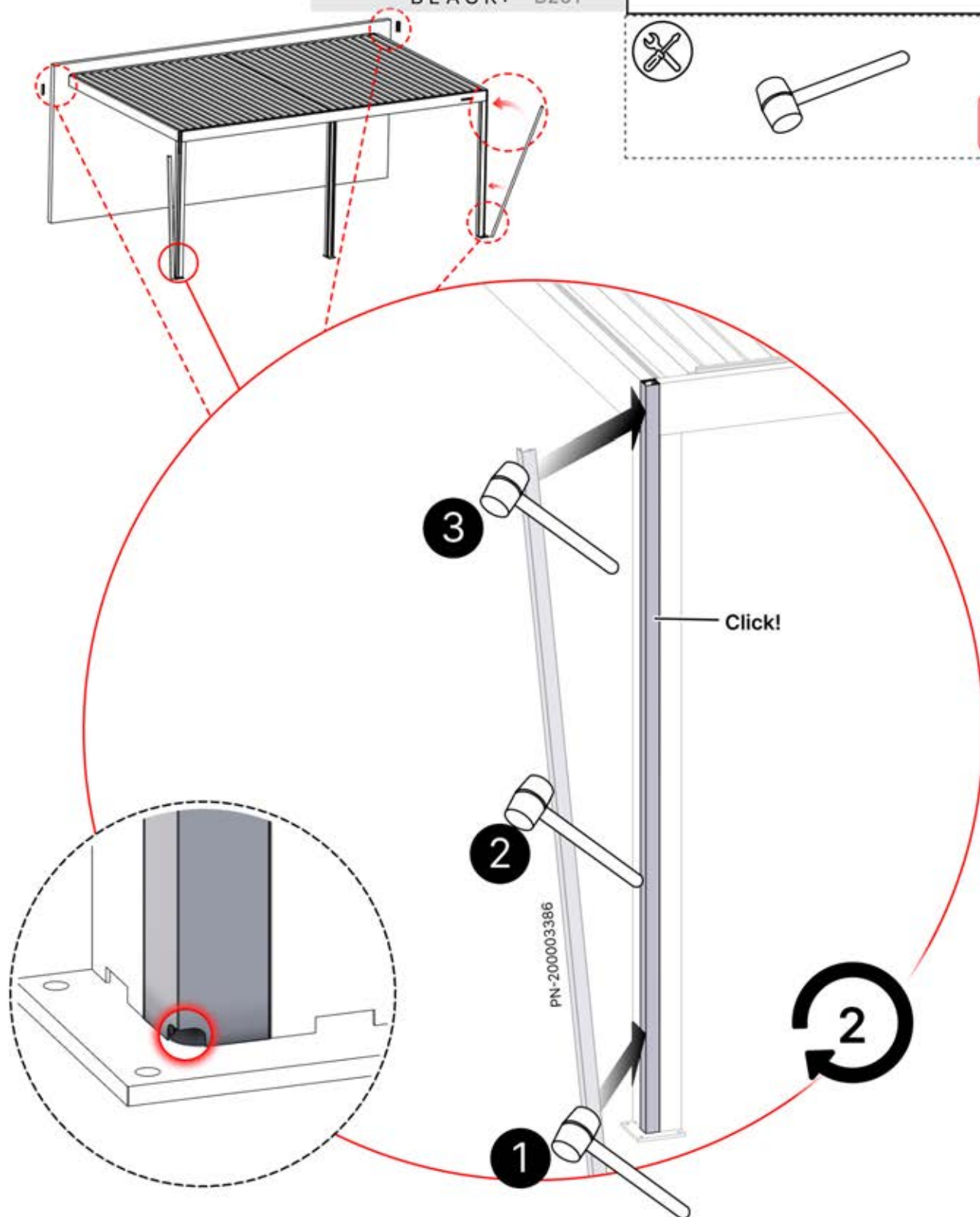
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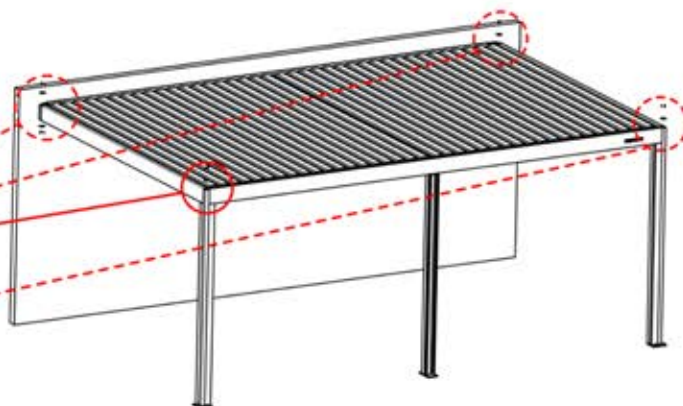
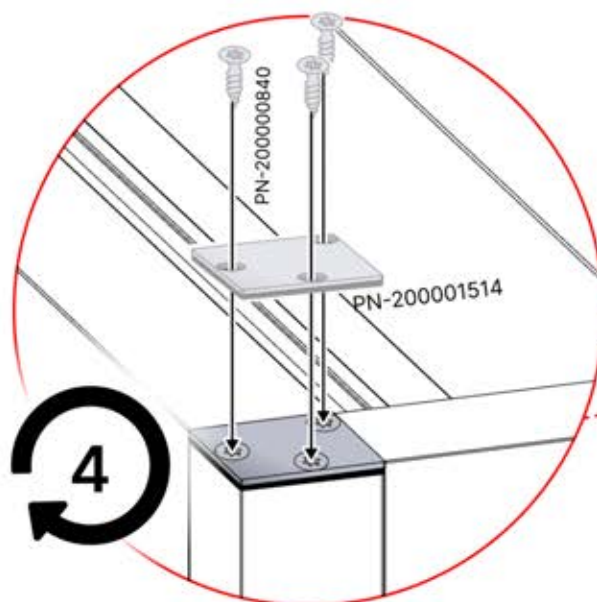
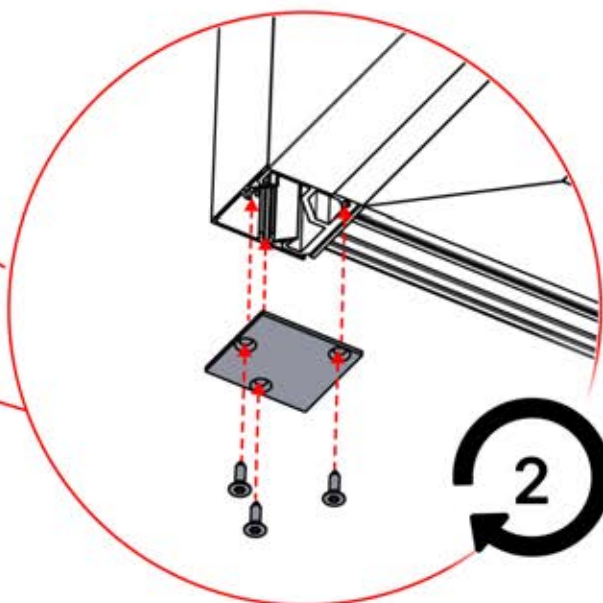
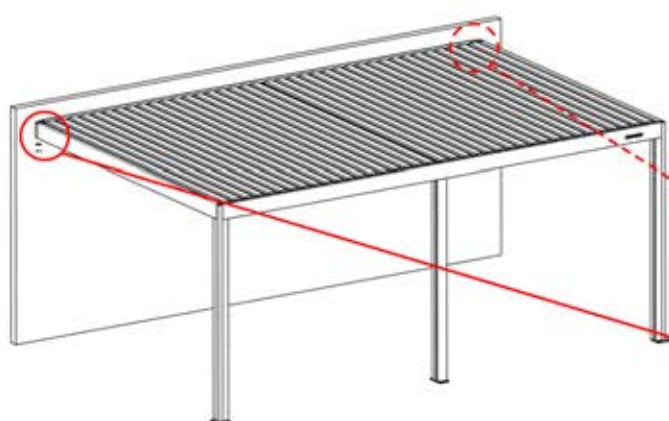
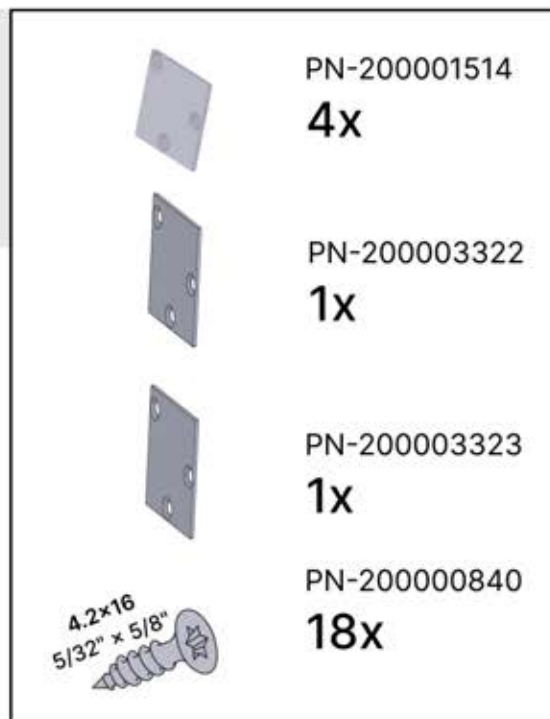
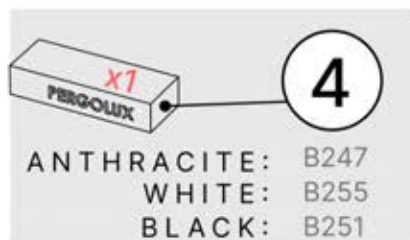
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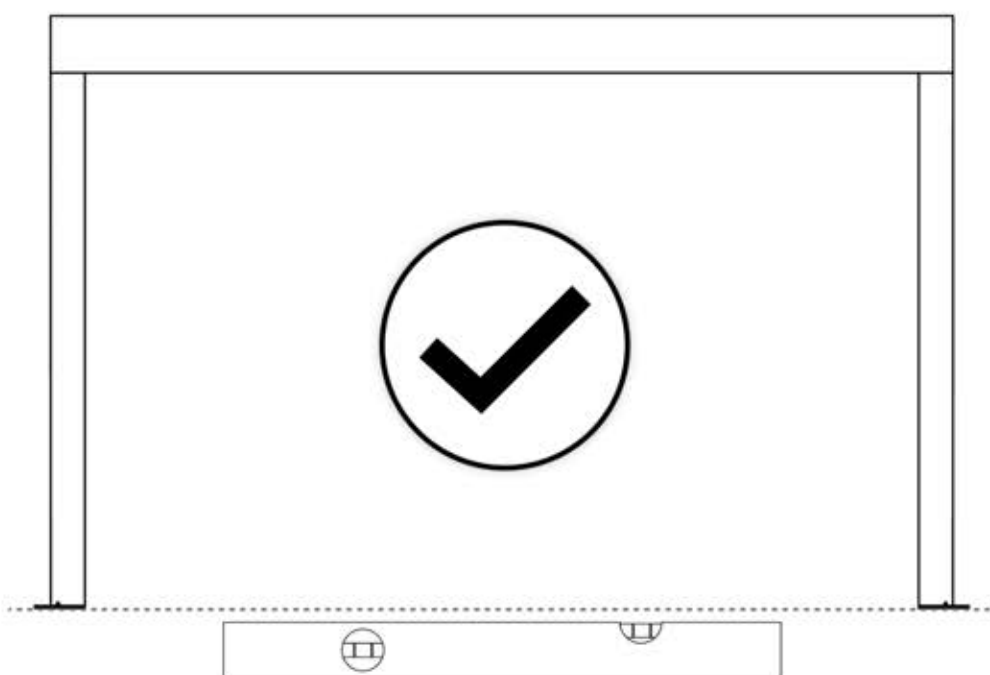
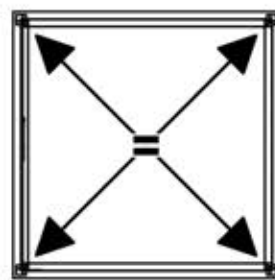
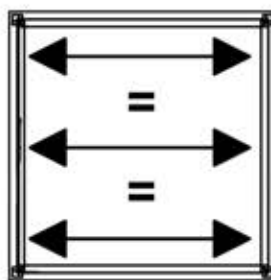
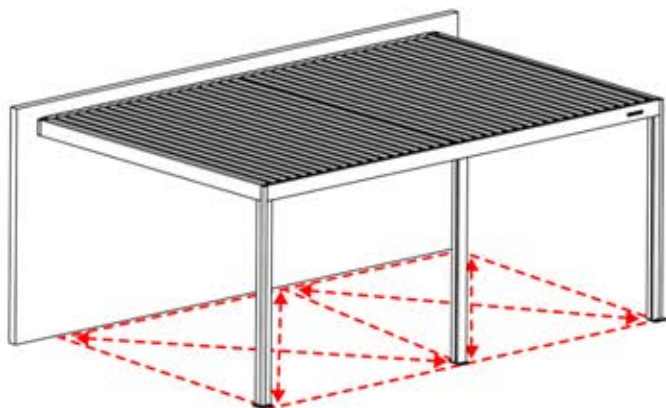
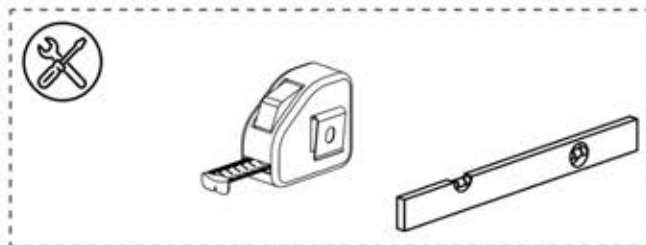




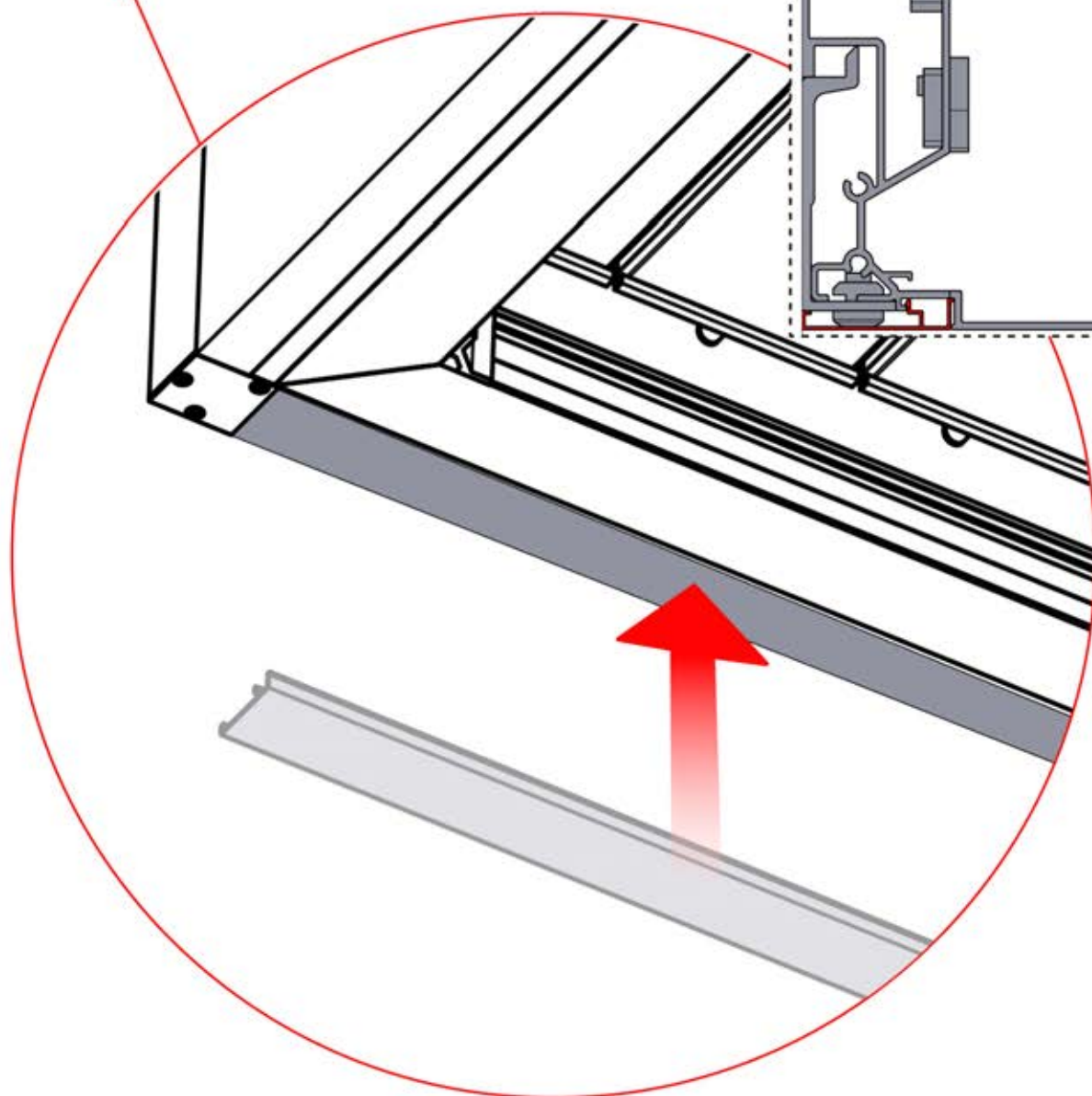
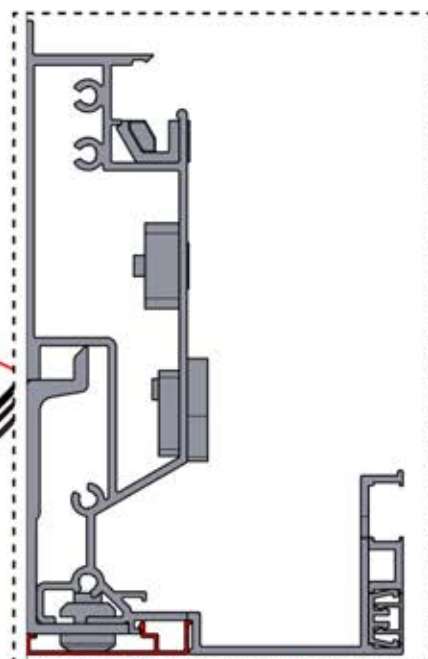
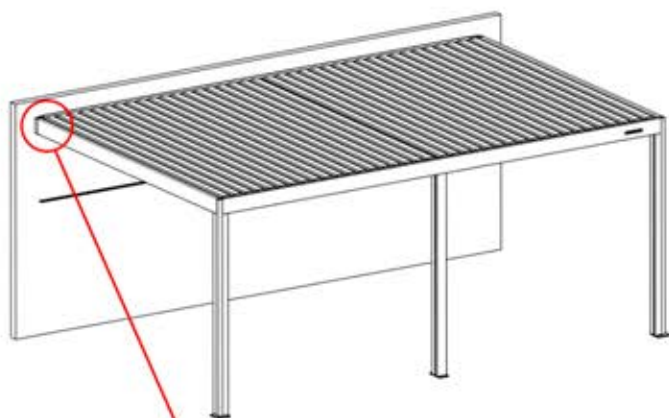
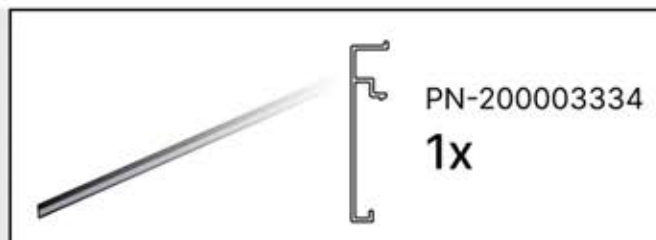
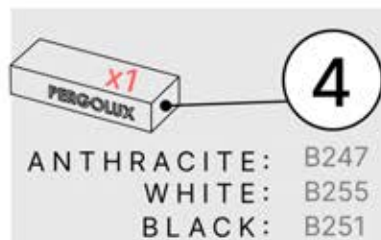
68



69



70



71



Use on
concrete



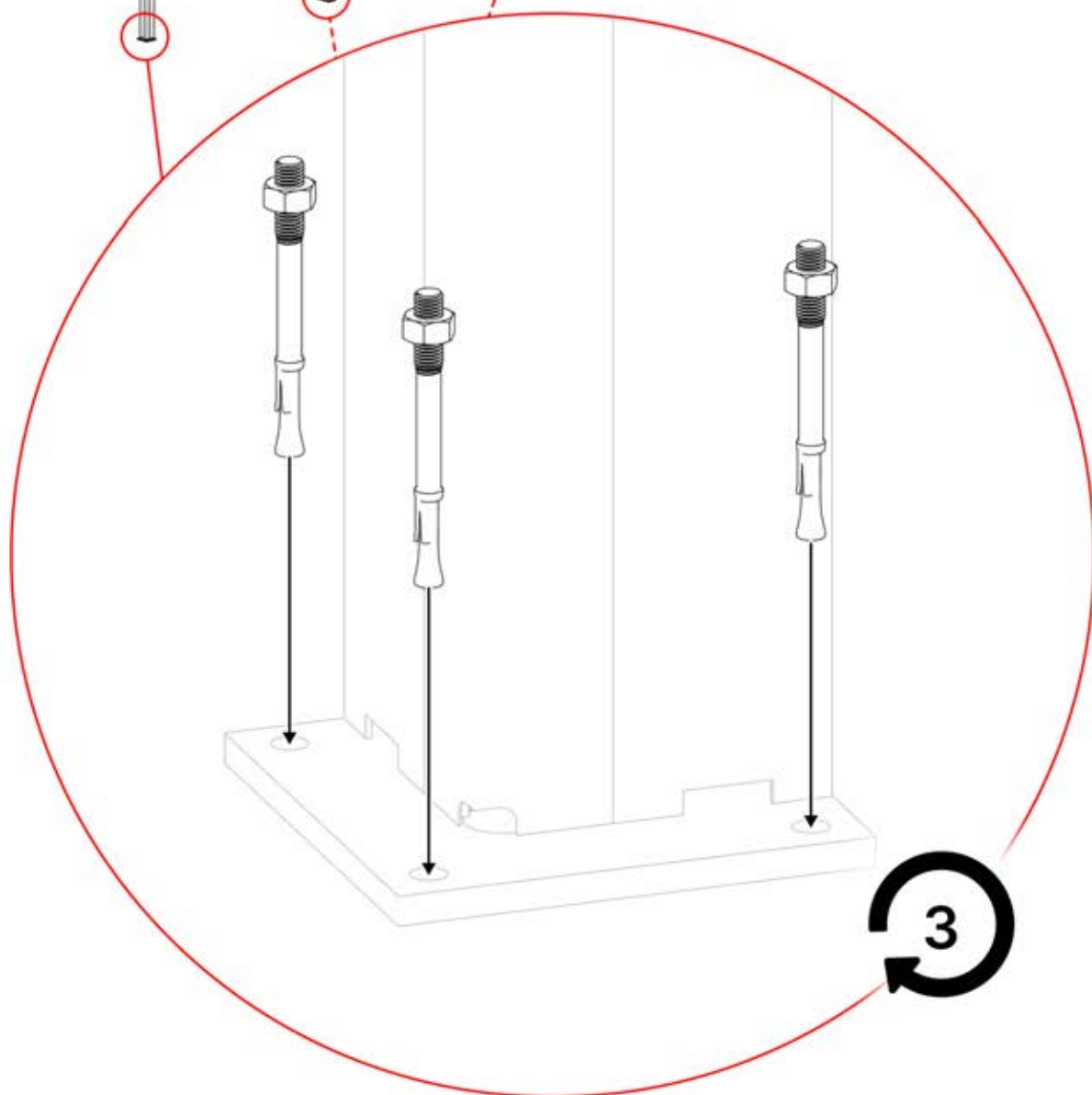
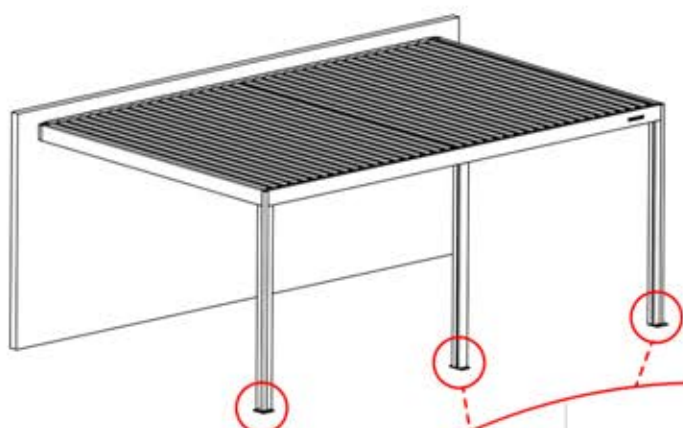
x10



Use on
wood



x10



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