

S4

PERGOLA



4×6m/13'x19'
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-PER-FSWM-S4

EN 13561:2015

Pergolux Pergola 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

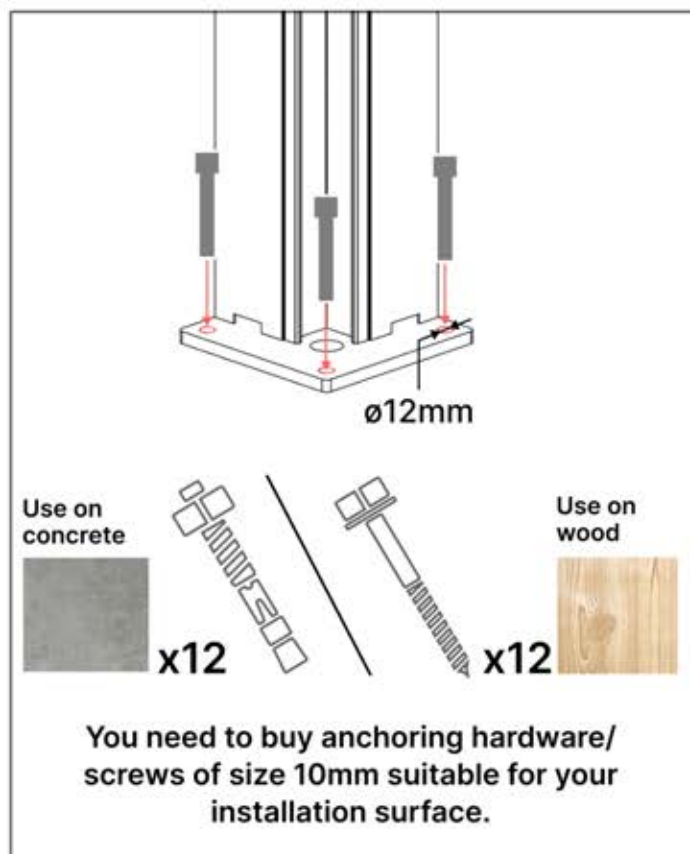


Motor



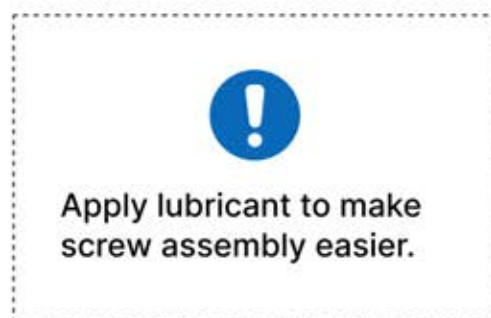
Turn around

INFORMATION

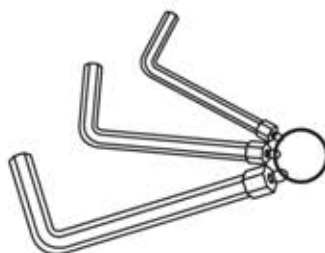
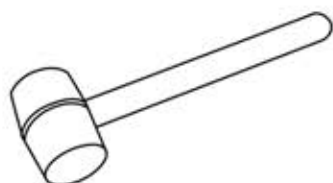


All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

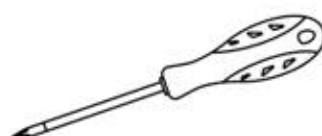
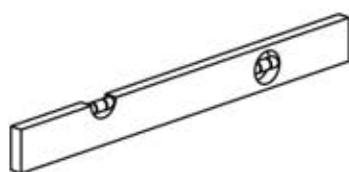
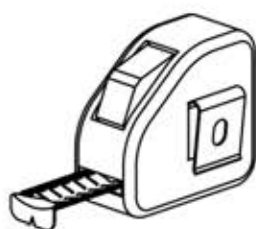
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



TOOLS

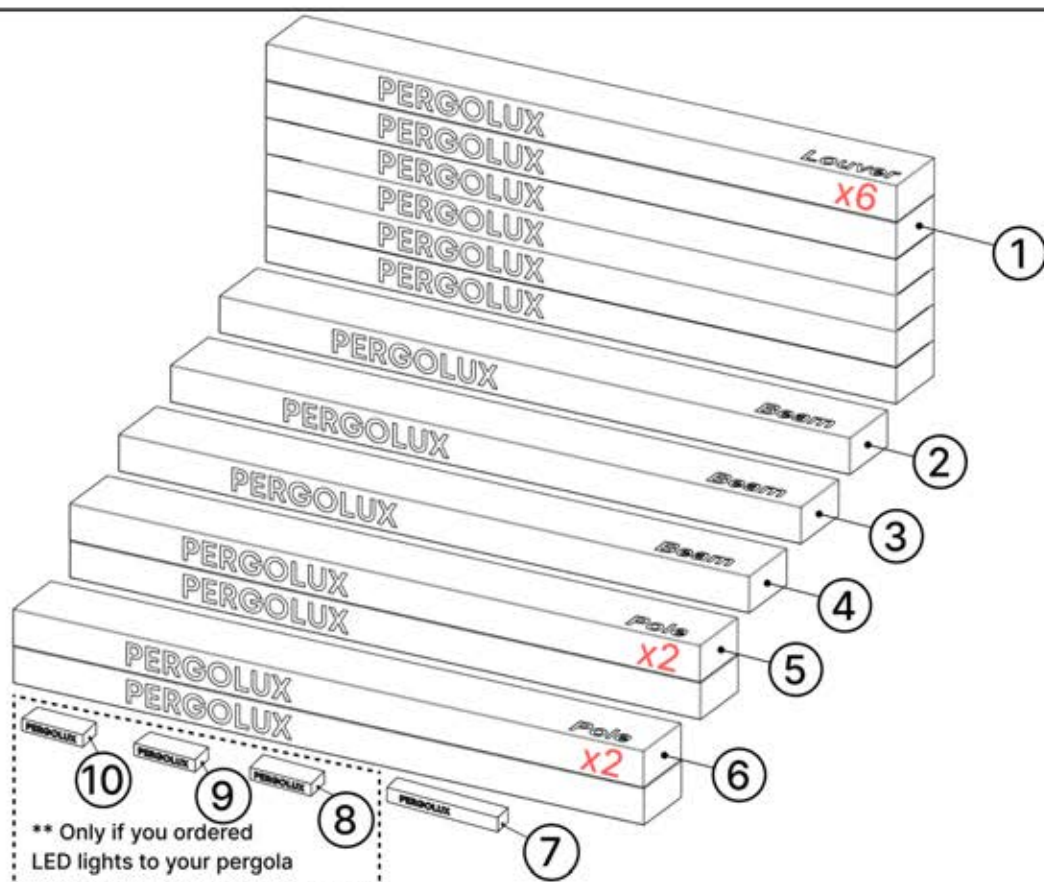


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

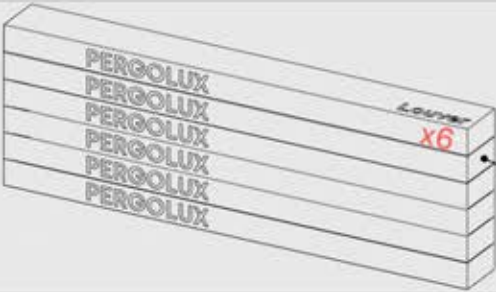
PACKAGE OVERVIEW



ORDER	ANTHRACITE	WHITE	BLACK
①	L192	L196	L194
②	B209	B213	B211
③	B189	B281	B282
④	B221	B225	B223
⑤	C123	C125	C124
⑥	C120	C122	C121
⑦	MANUAL MOTOR	MANUAL MOTOR	MANUAL MOTOR

** Only if you ordered LED lights to your pergola			
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		

ITEMS IN BOX



PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

Louvers
x6

	ANTHRACITE	WHITE	BLACK
1	L192	L196	L194



PN-200003004

36x



PERGOLUX

B209

	ANTHRACITE	WHITE	BLACK
2	B209	B213	B211



PN-200002999

2x

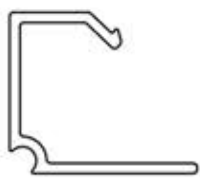


Premounted

PN-200003001

2x

ITEMS IN BOX

		ANTHRACITE WHITE BLACK		
3		B189	B281	B282
		PN-200002868 1x		
		PN-200002869 1x		
		PN-200002867 1x		
		PN-200002863 1x		
		PN-200002865 1x		

ITEMS IN BOX



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



ANTHRACITE

WHITE

BLACK

3

B189

B281

B282



PN-200002866

1x



PN-20000

3346



PN-200000560

28x



PN-20000

3480



PN-200003384

2x



PN-20000

3414



PN-200000731

2x



PN-200000732

2x



PN-200000668

4x



PN-200000415

8x



PN-20000

3282



PN-200001514

4x



PN-200000840

12x



PN-20000

3310



PN-200002709

4x



PN-200000958

4x

ITEMS IN BOX



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



ANTHRACITE	WHITE	BLACK
------------	-------	-------

B189	B281	B282
------	------	------

3



PN-20000
3278



PN-200003033
2x

PN-200003030
1x



PN-200003031
1x

PN-200001207
2x



PN-20000
3319



PN-200003318
1x

PN-200003367
1x

PN-200000853
2x

PN-200003317
1x

PN-200000511
2x



PN-200003370
1x



PN-200003368
2x



PN-200000502
1x



PN-200000561
1x



PN-20000
3320



PN-200000826
2x



PN-20000
3342



PN-200002706
8x

ITEMS IN BOX



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



	ANTHRACITE	WHITE	BLACK
	B189	B281	B282

 PN-20000
3281



PN-200002622
4x
PN-200000680
8x
PN-200001340
1x


 PN-20000
3279


PN-200000568
32x

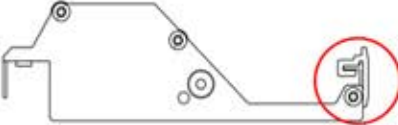
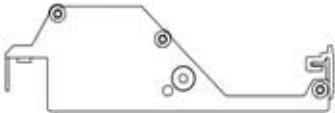
 PN-20000
3603


PN-200000826
6x



	ANTHRACITE	WHITE	BLACK
	B221	B225	B223





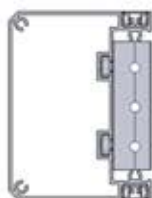
PN-200003004
1x

PN-200003003
1x

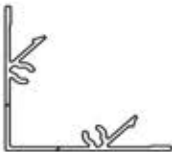
PN-200003412
1x



ANTHRACITE	WHITE	BLACK
C123	C125	C124

 $2x$  $2x$  $2x$

ITEMS IN BOX

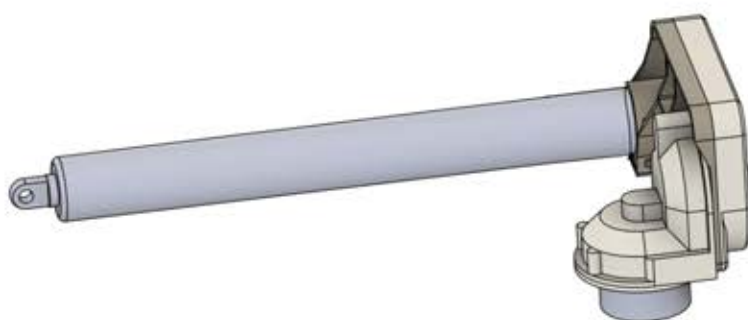
	ANTHRACITE WHITE BLACK		
	C120	C122	C121
		PN-200002606	4x
		PN-200003413	4x
		PN-200002614	4x

ITEMS IN BOX



7

MANUAL MOTOR



Manual motor
PN-200001563

1x



PN-200003773

1x



PN-200001624

1x



PN-200001625

2x



Hand crank

1x

ITEMS IN BOX



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



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



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



9

POWER CABLE



PN-200003781

1x



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



10

LED BOX



LED Light Strip

4x



All electric parts should be tested before installation.

LEDs + Motor (and heater) should be connected to the Control box and programmed to ensure functionality.

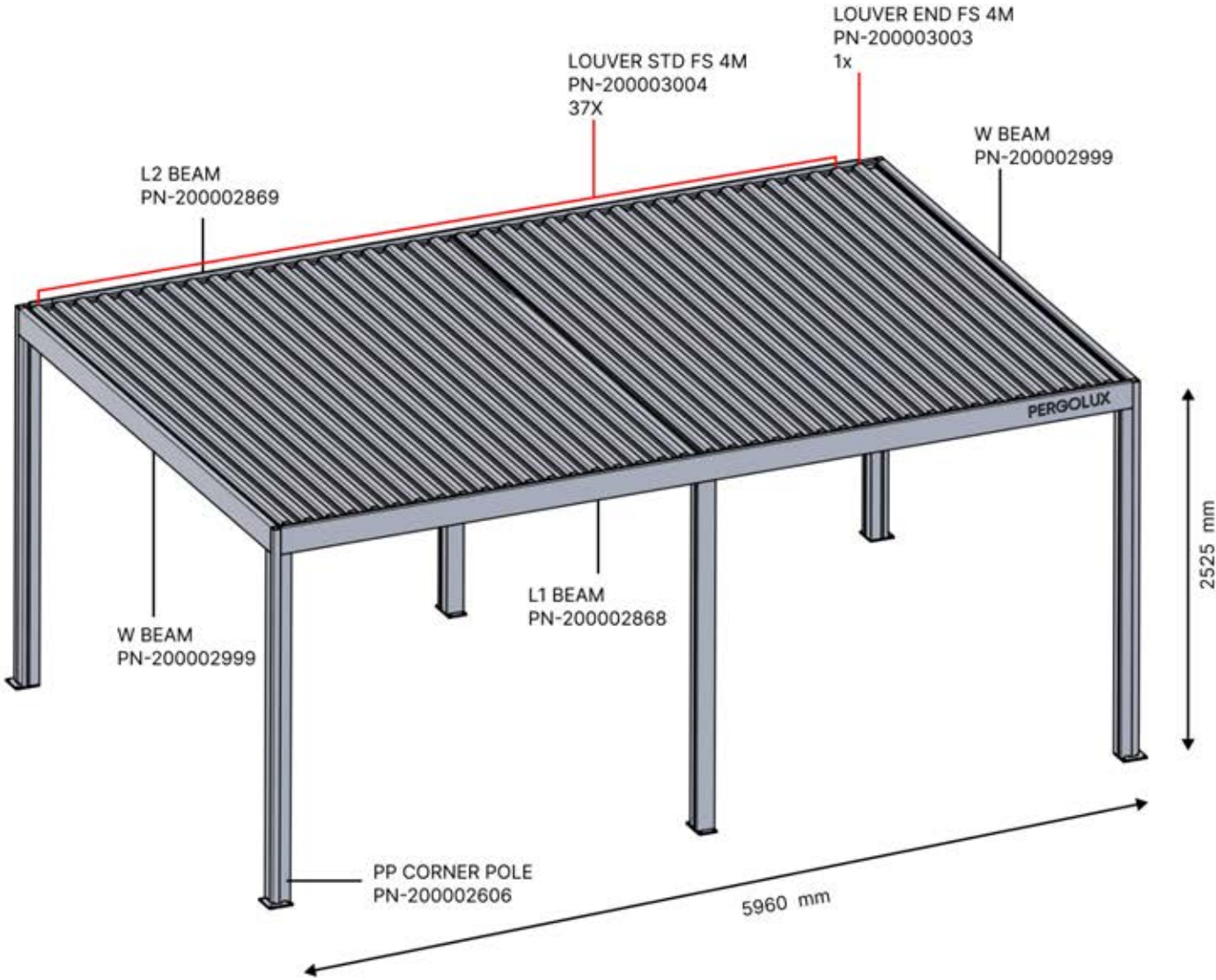
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



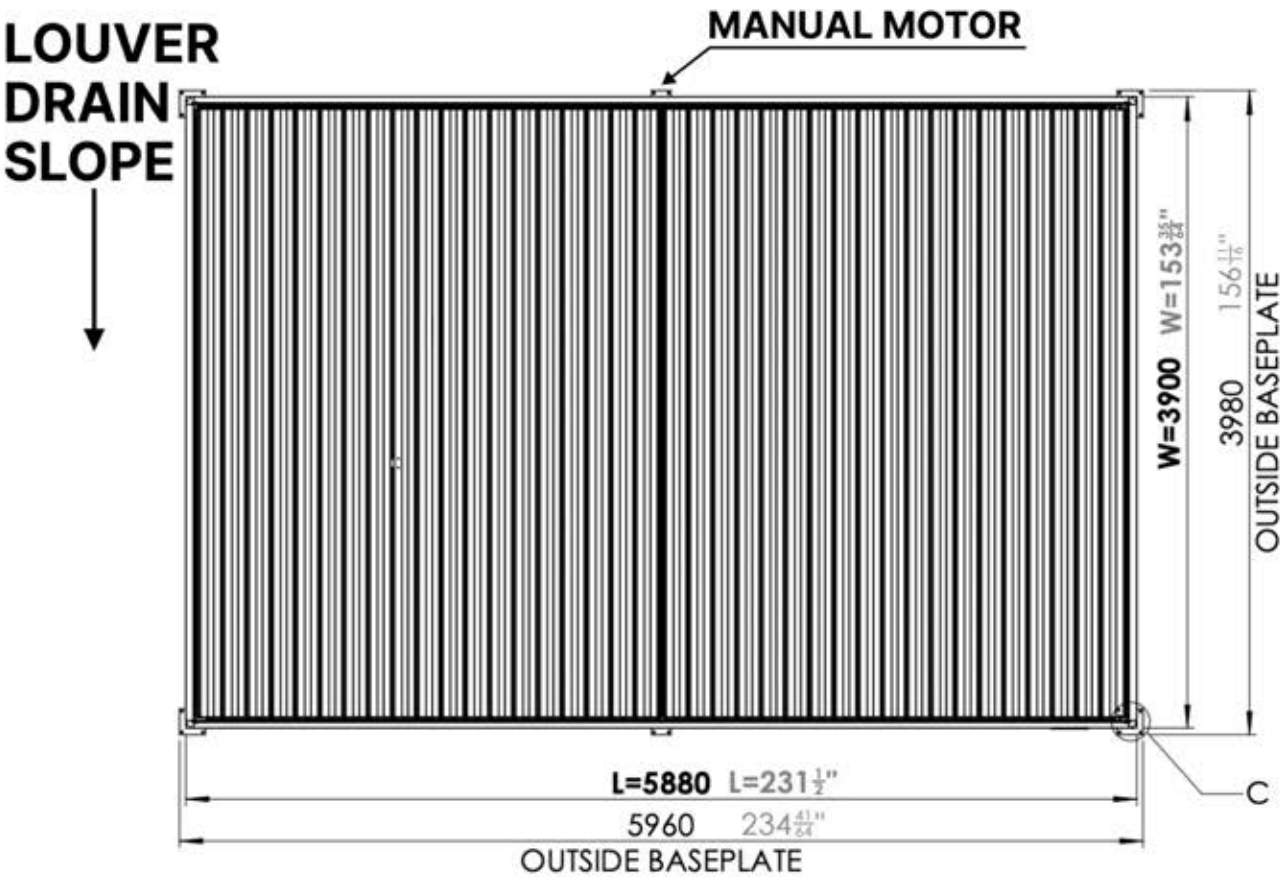
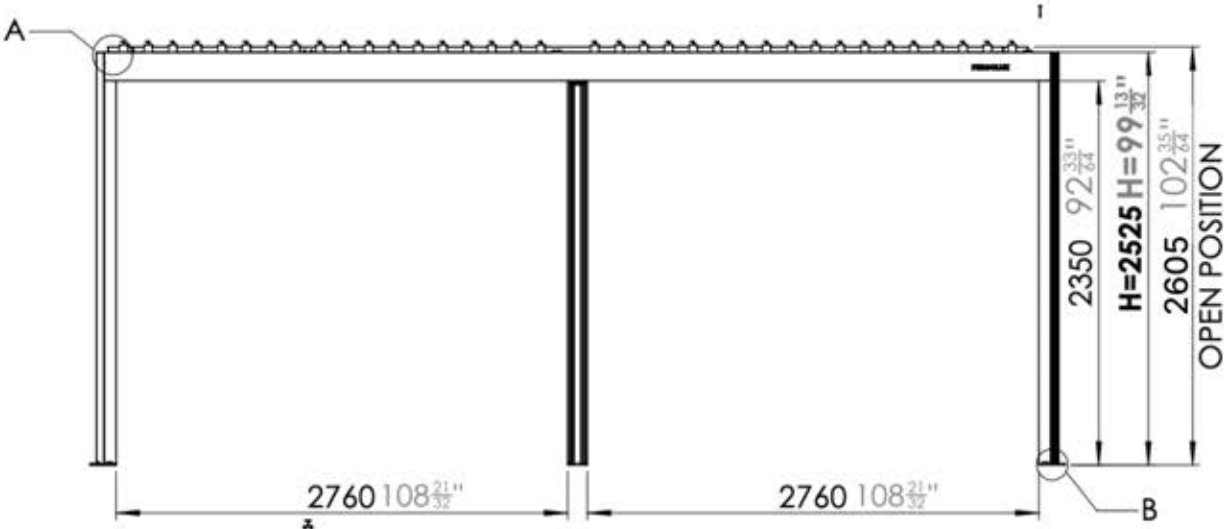
CONTROL BOX

[View Manual](#)

4 × 6 M / 13'x19'



4 × 6 M / 13'x19'



INFORMATION

Are you going to install
slat walls, glass walls or
screen?

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

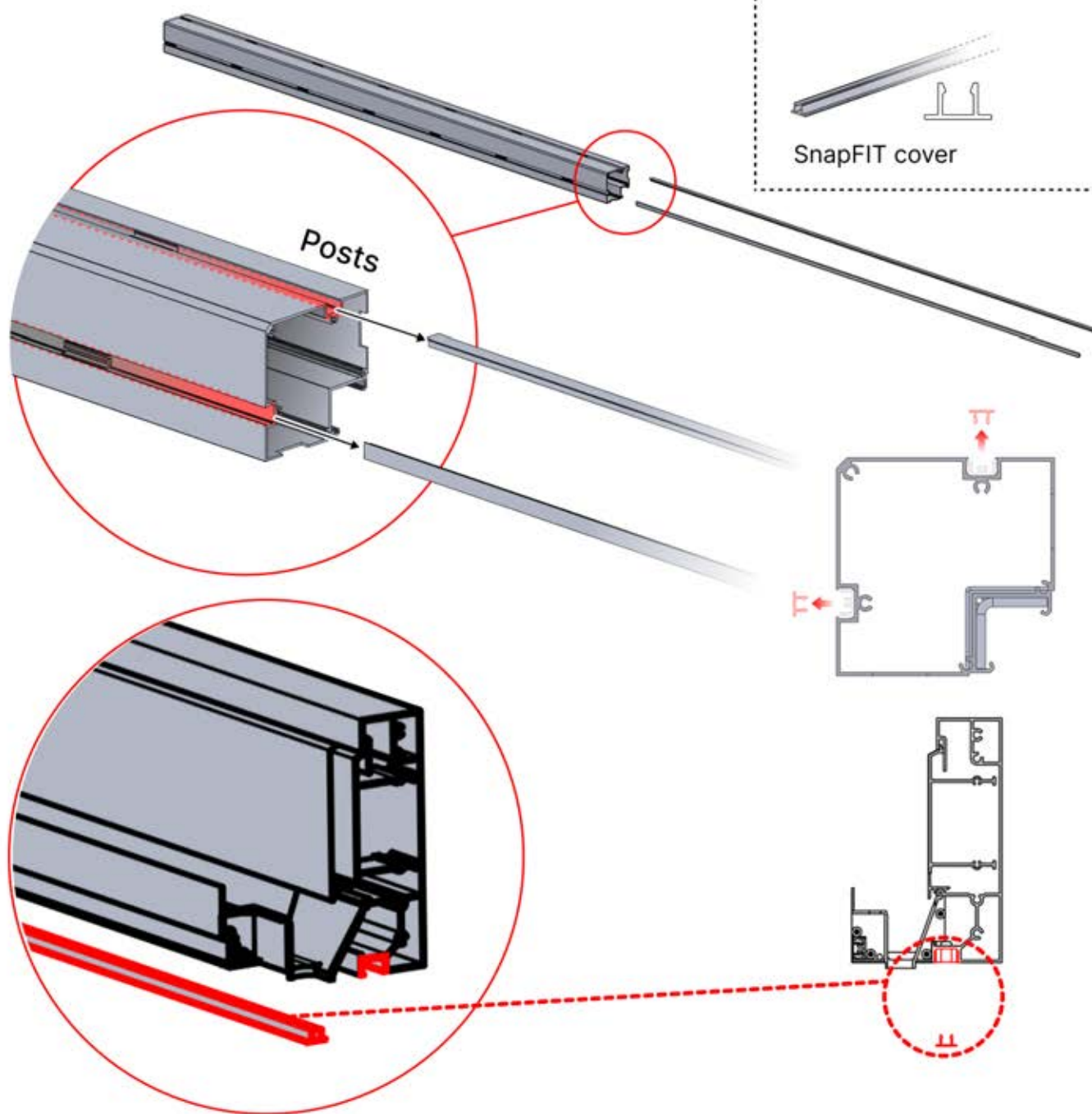
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



INFORMATION

Are you going to install LED lights, a heater or a fan?

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

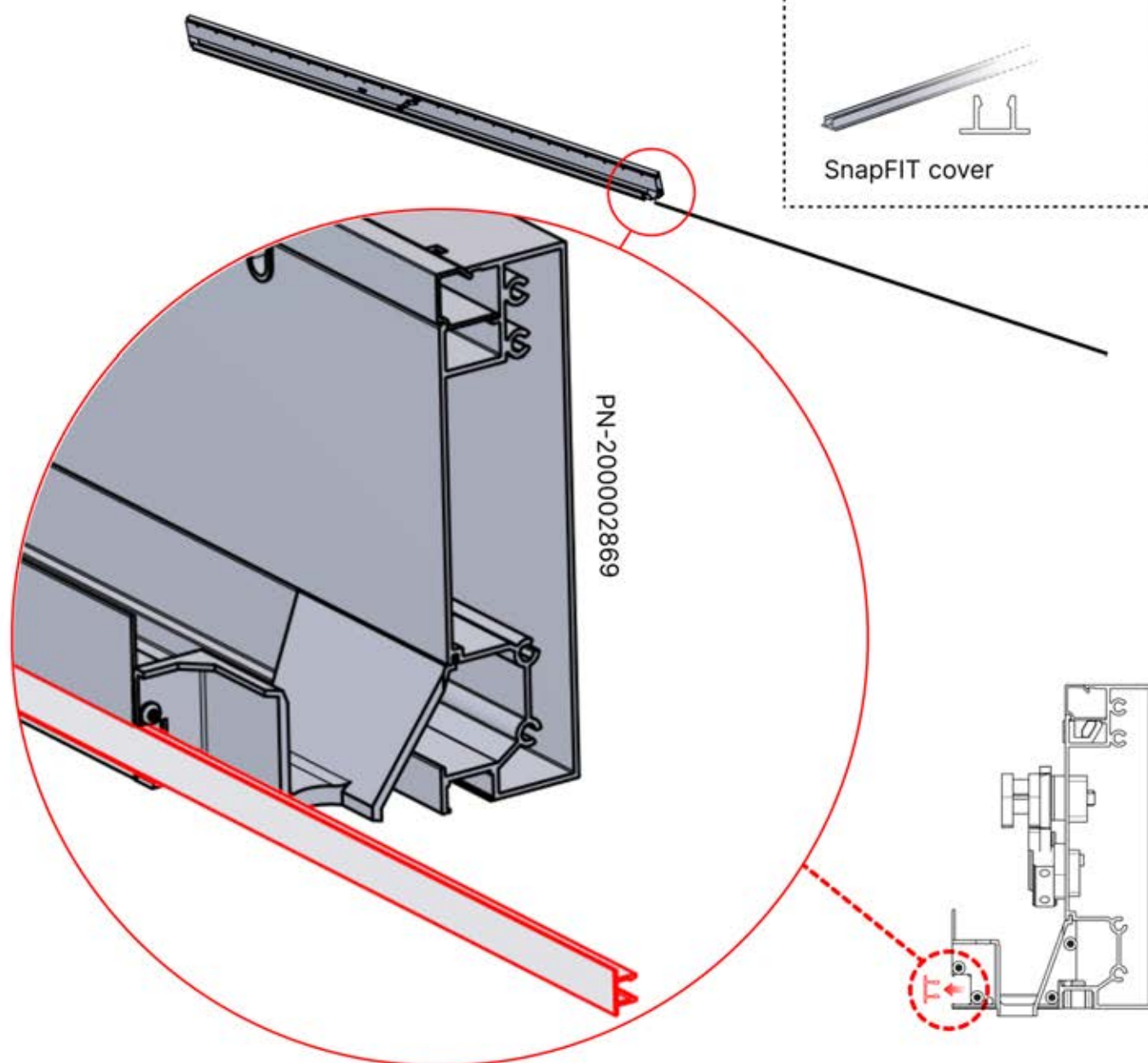
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



INFORMATION

**2**

ANTHRACITE: B209
WHITE: B213
BLACK: B211

**3**

ANTHRACITE: B189
WHITE: B281
BLACK: B282



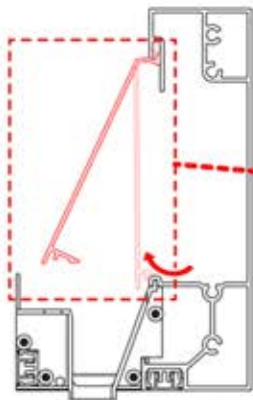
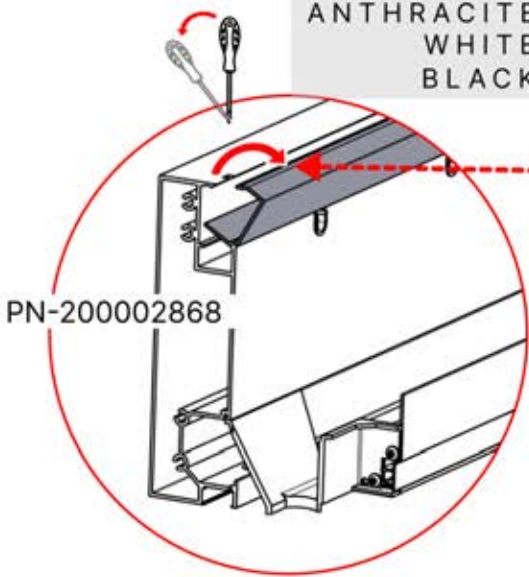
PN-200002999
2x



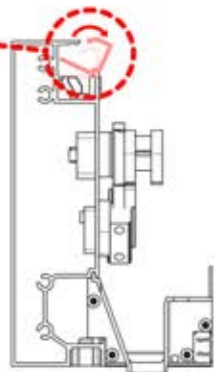
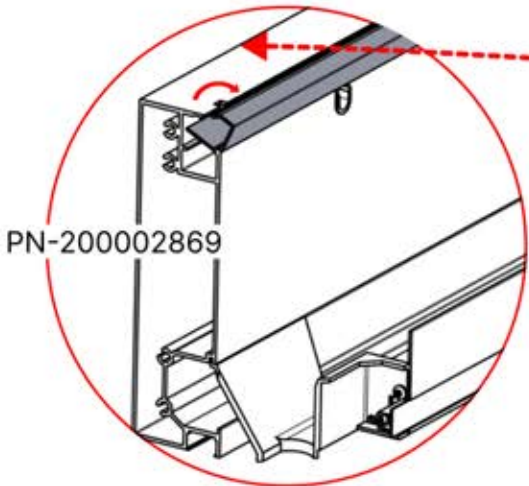
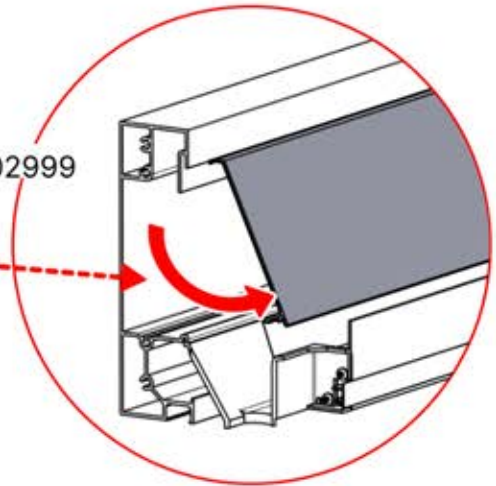
PN-200002868
1x



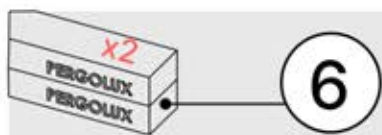
PN-200002869
1x



PN-200002999



01



6

ANTHRACITE: C120
WHITE: C122
BLACK: C121



3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



PN-200002606

4x



PN-200002614

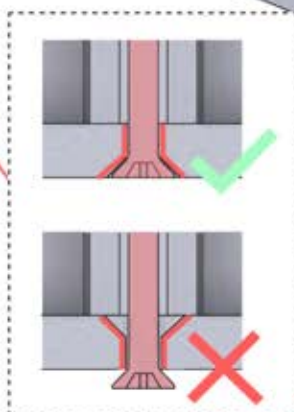
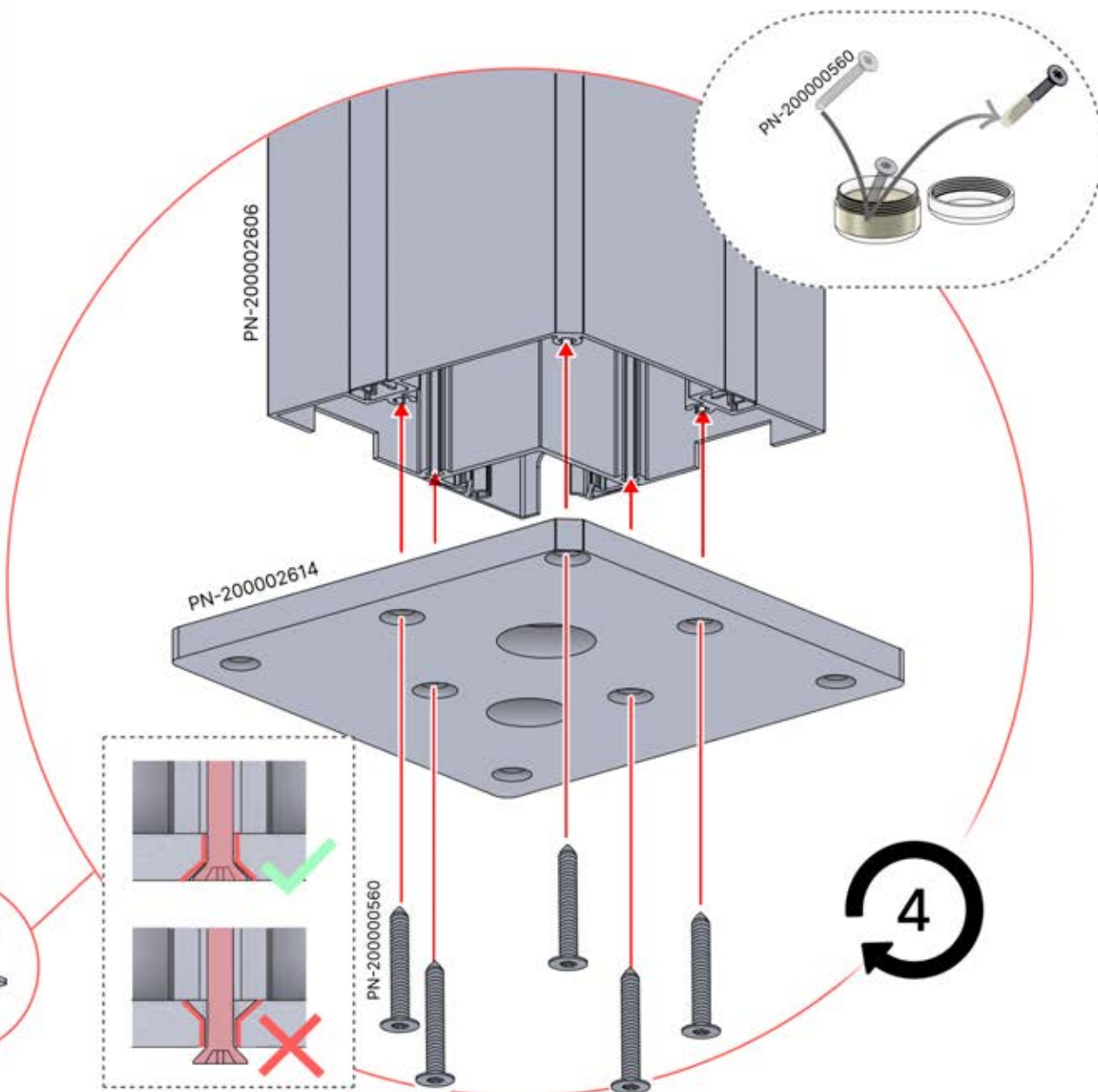
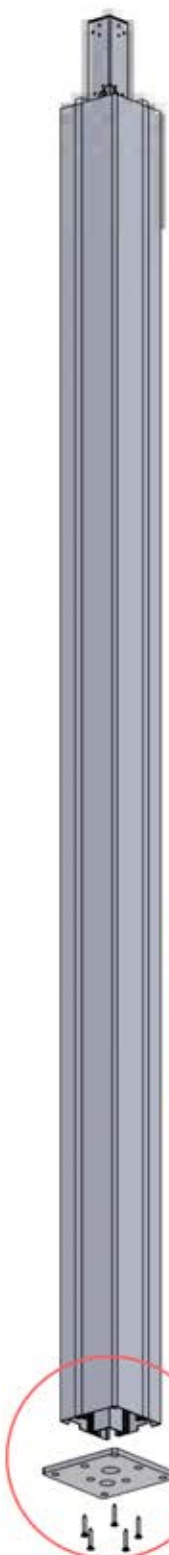
4x



PN-200000560

20x

PN-20000
3346 Zip Bag



02

5

ANTHRACITE: C123
WHITE: C125
BLACK: C124

3

ANTHRACITE: B189
WHITE: B281
BLACK: B282

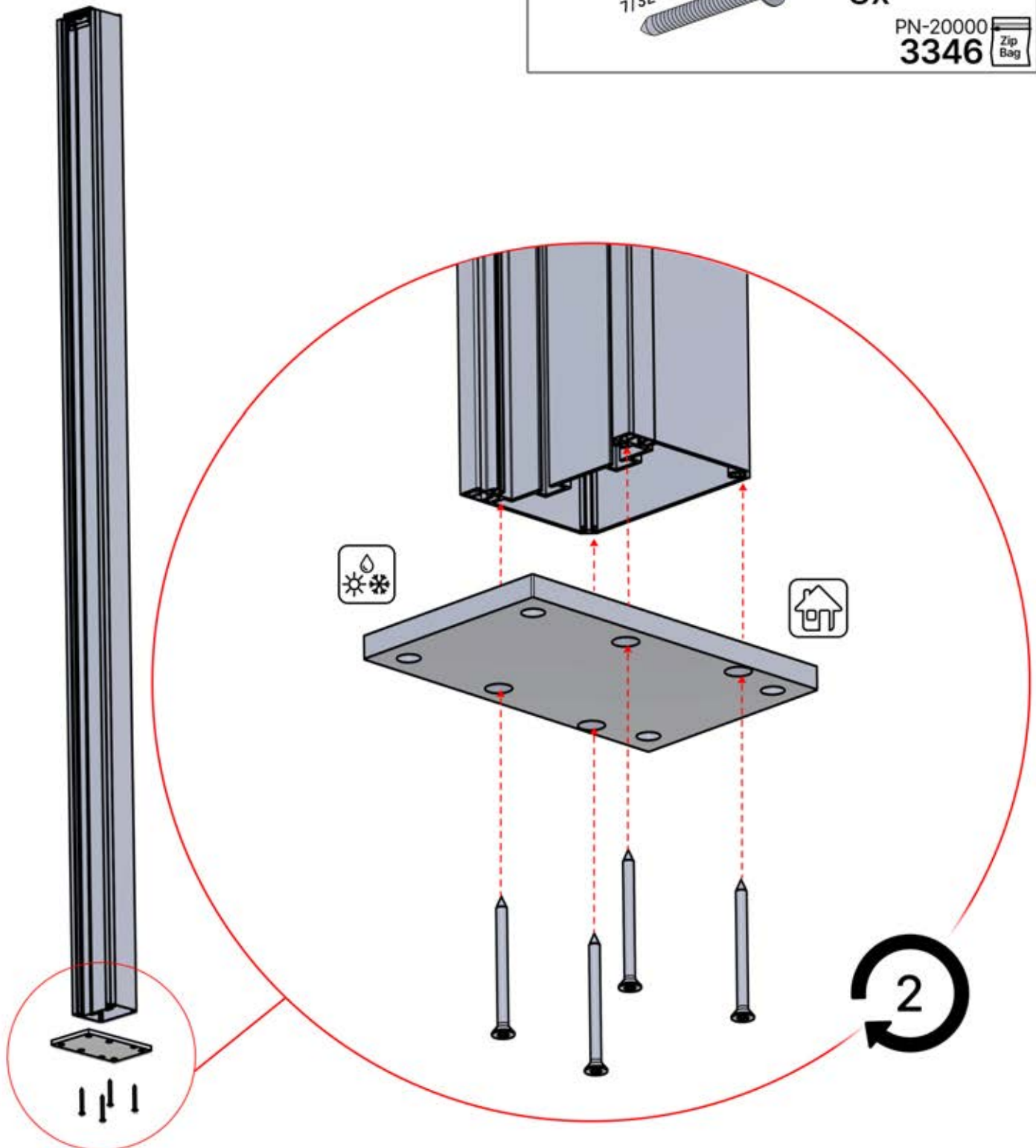
PN-200002782
2x

PN-200002785
2x

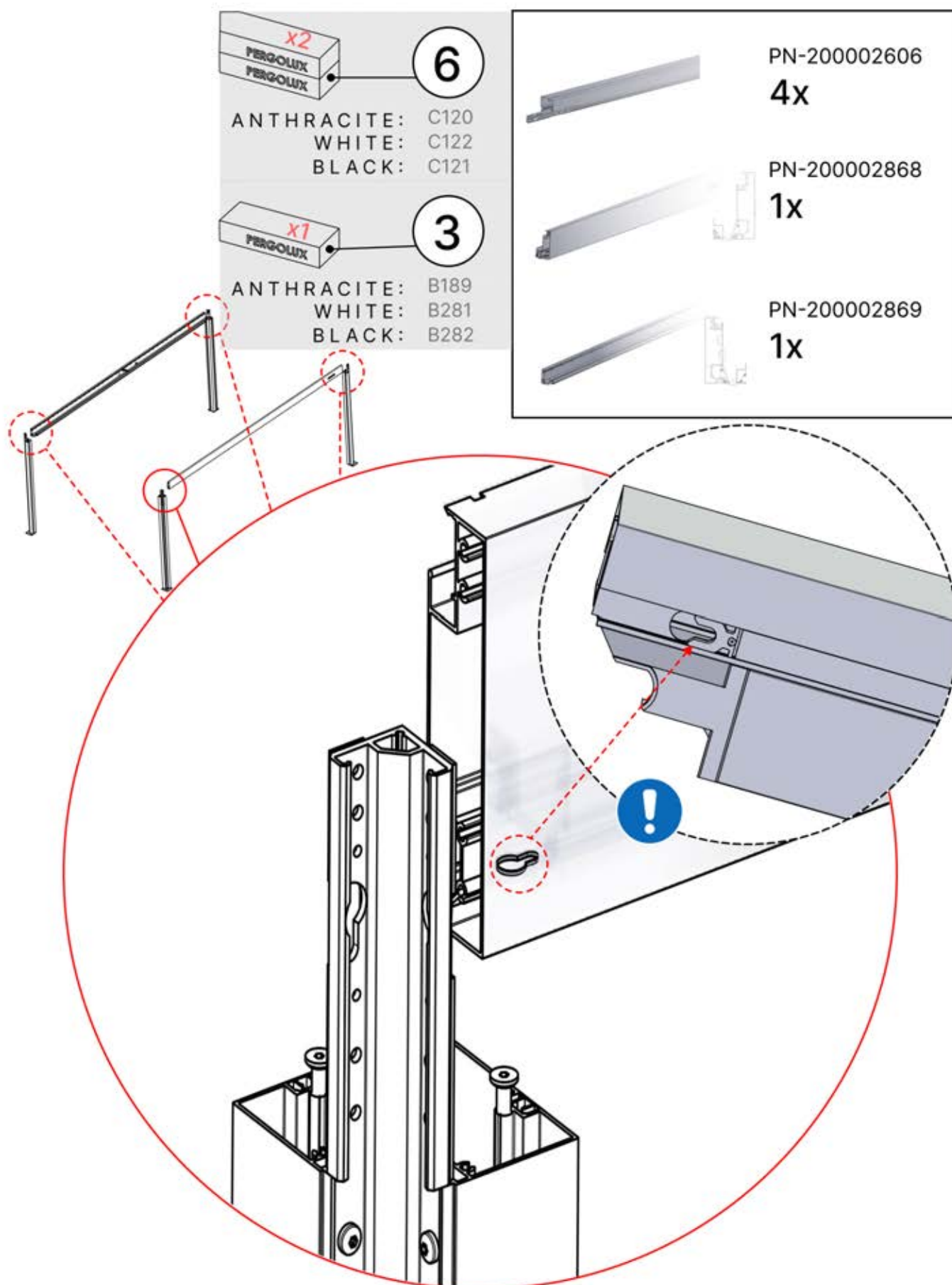
5.5x60
7/32" x 2-3/8"

PN-200000560
8x

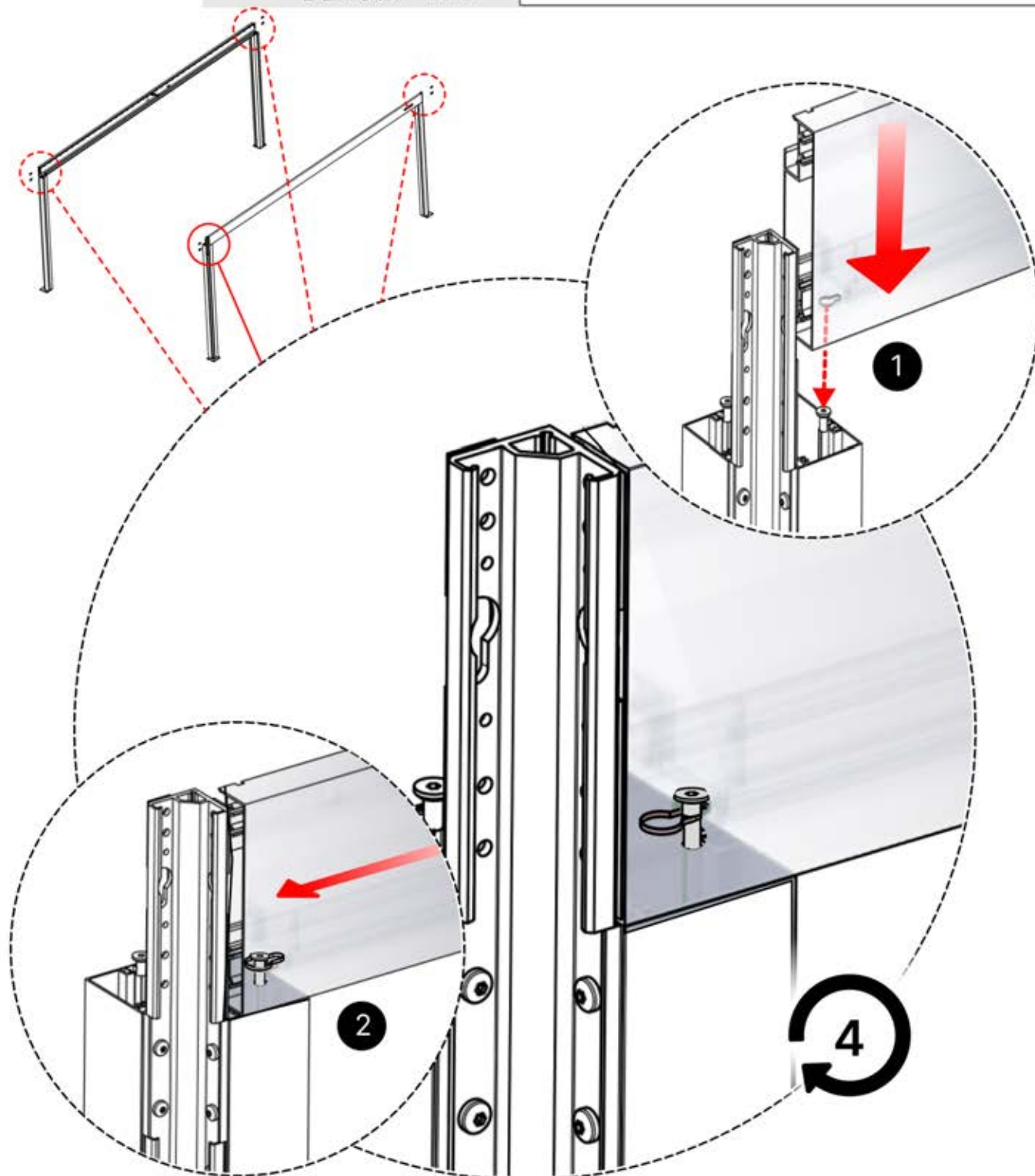
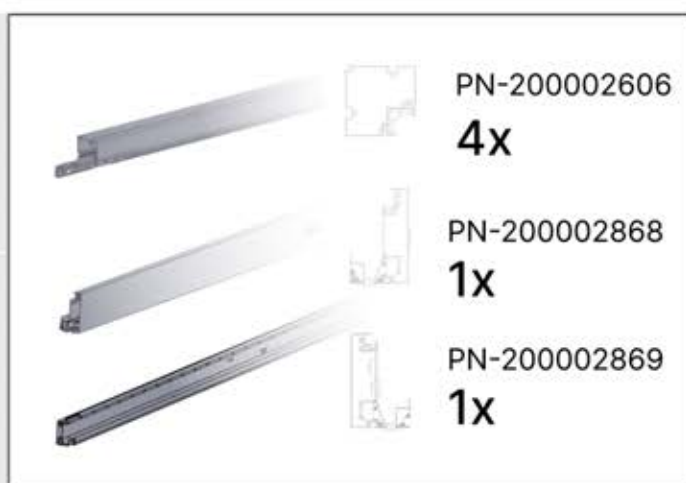
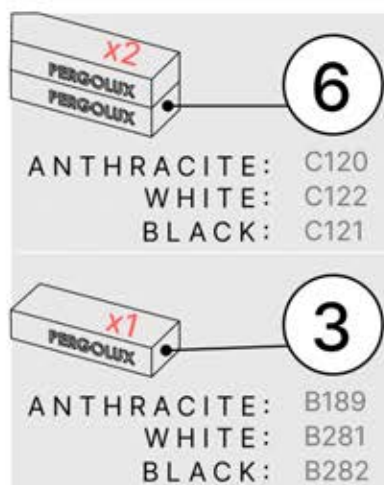
PN-20000
3346



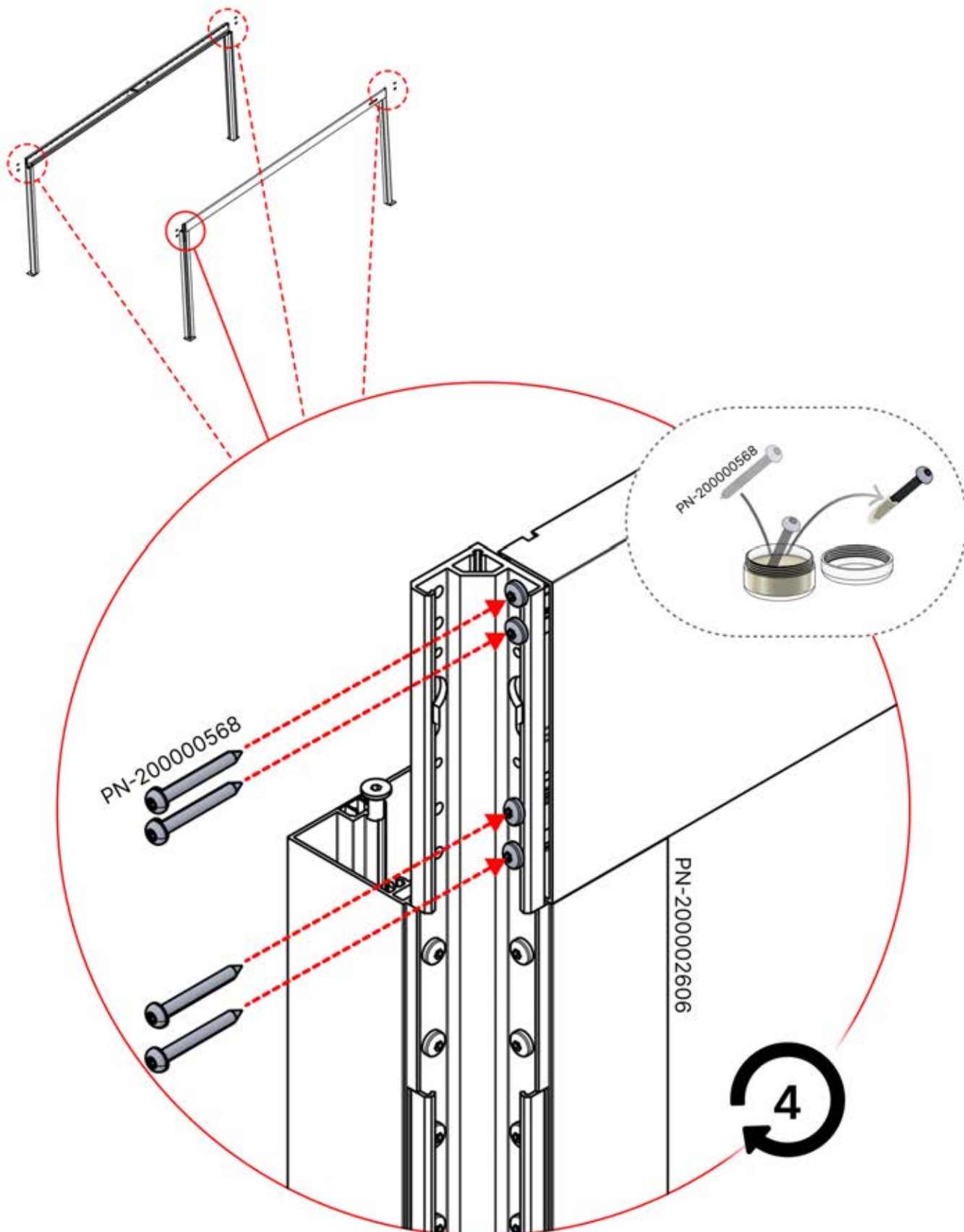
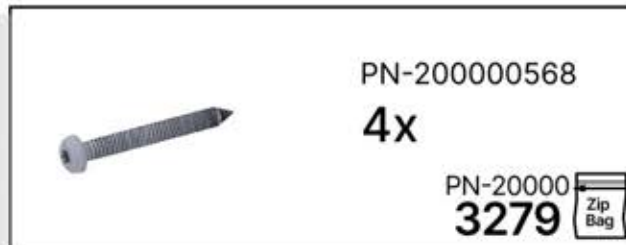
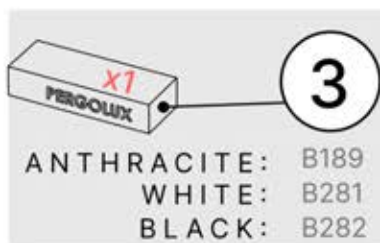
INFORMATION



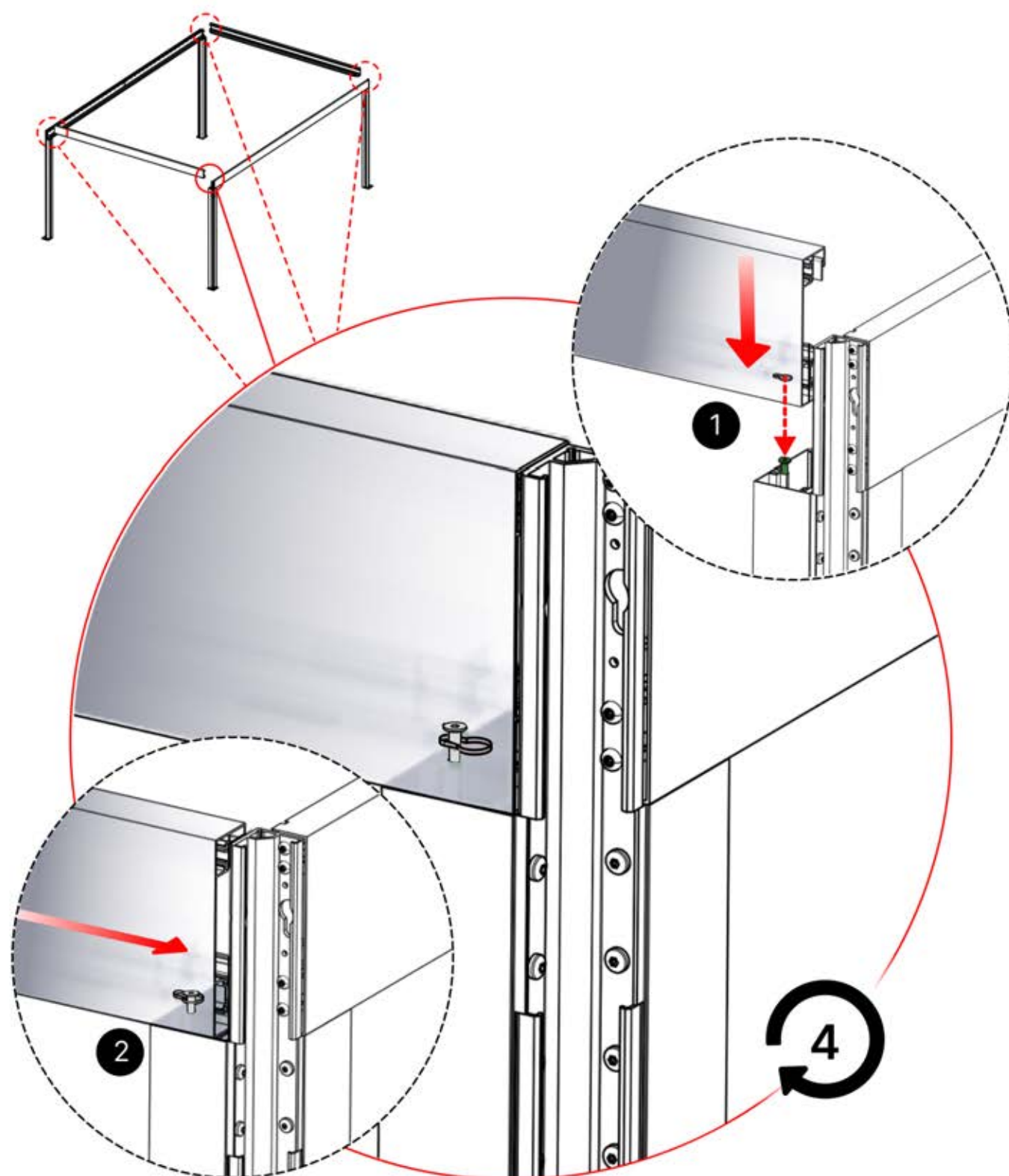
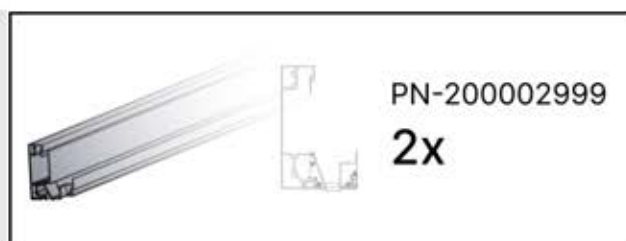
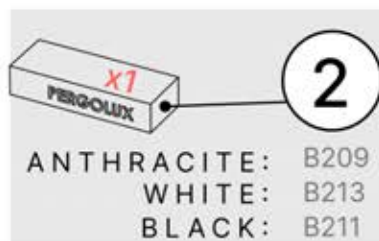
03



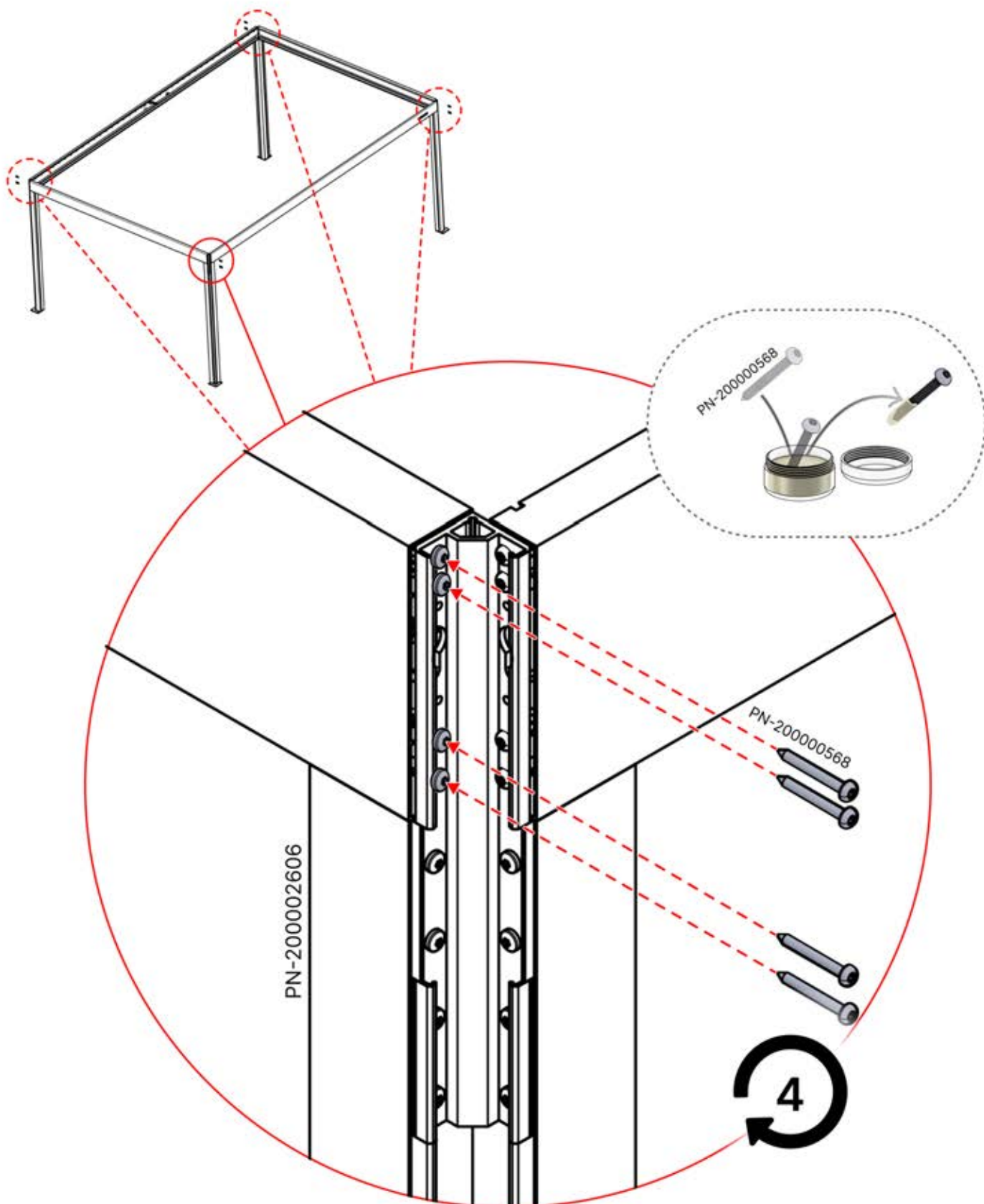
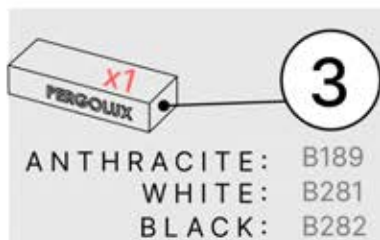
04



05



06



INFORMATION

Have you ordered LED-Lights?

Now is the time to start the assembling.



Follow the instruction for the LED lights in the assembly PDF and Video linked:



07



3

ANTHRACITE: B189
 WHITE: B281
 BLACK: B282



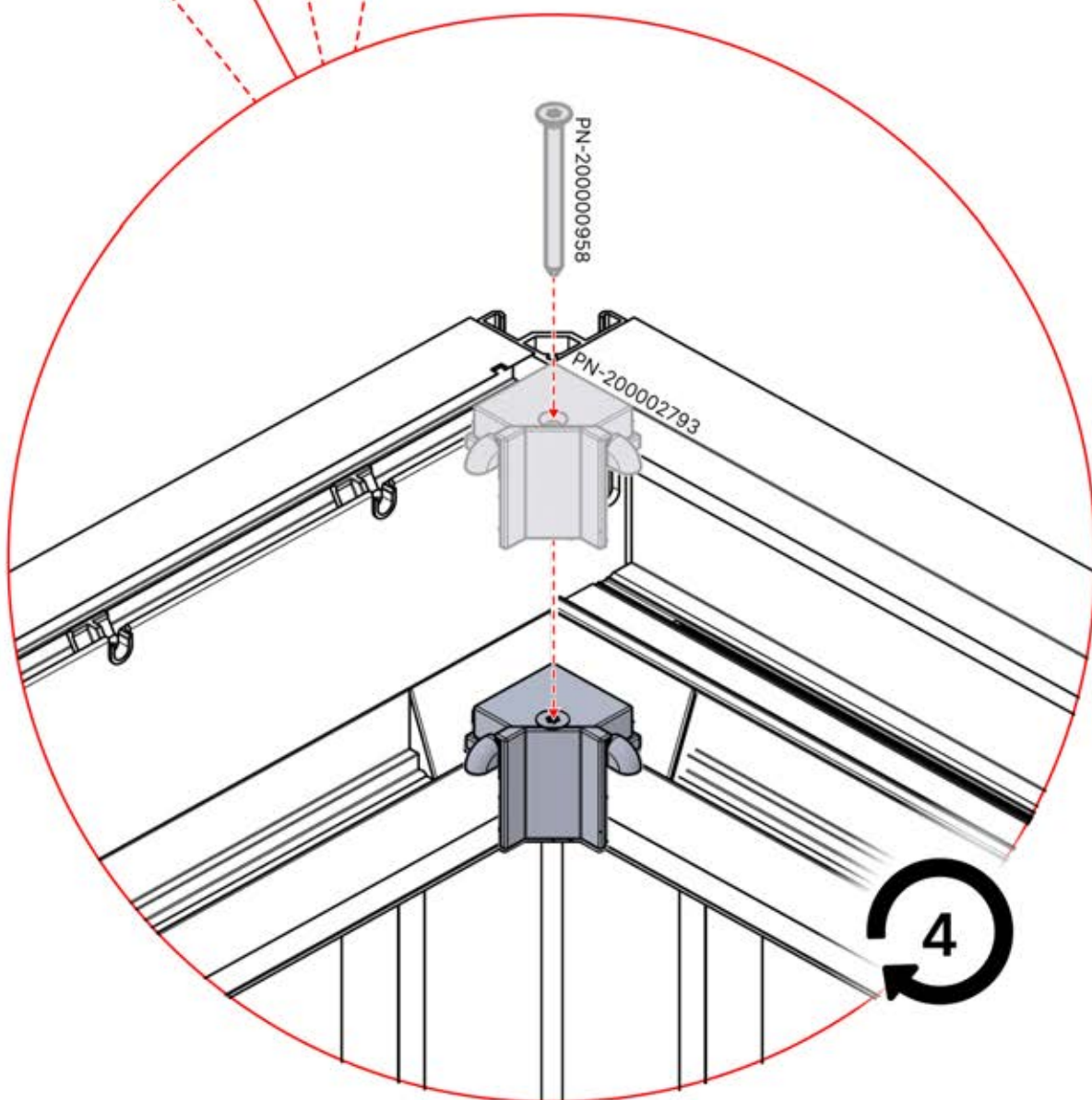
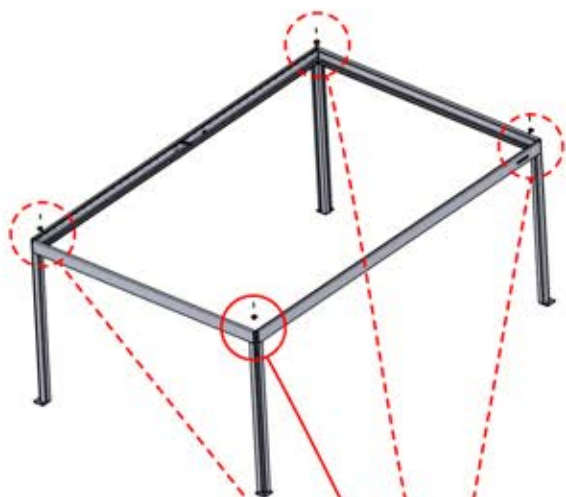
PN-200002709
4x



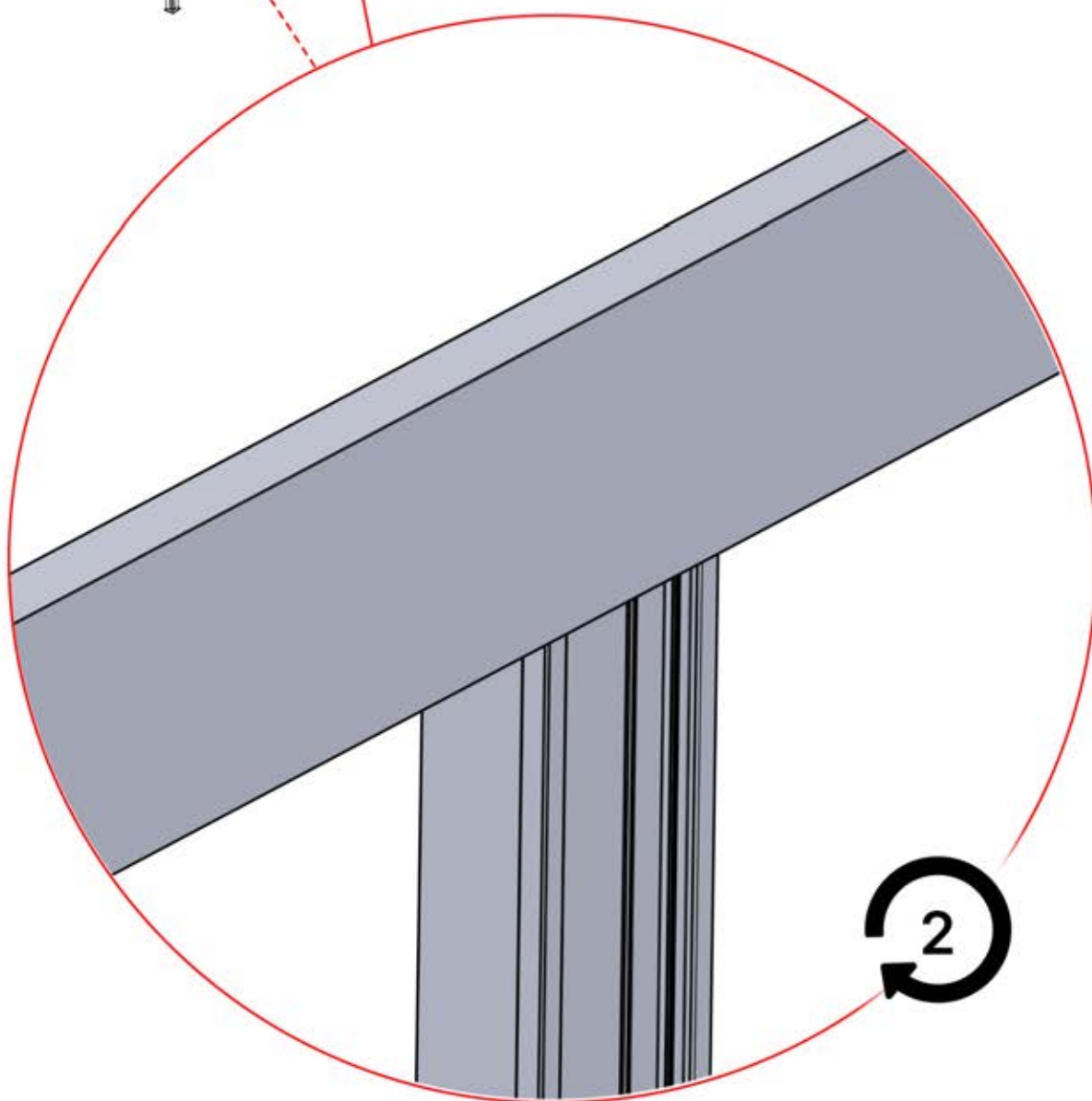
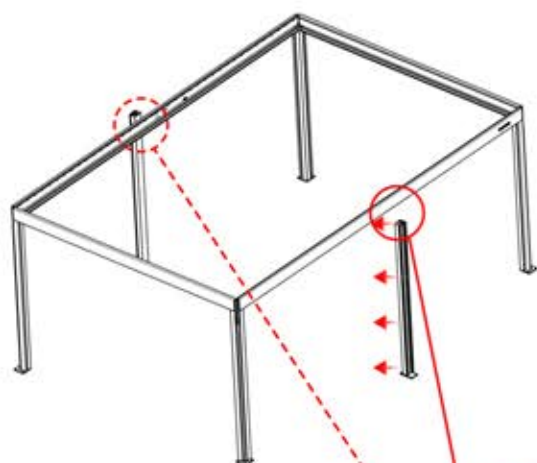
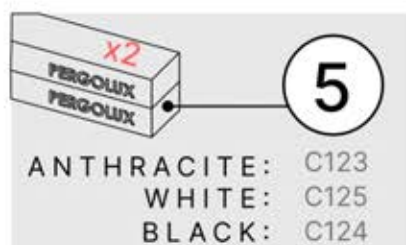
PN-200000958
4x

PN-20000

3310

08



09

 **x1**

3

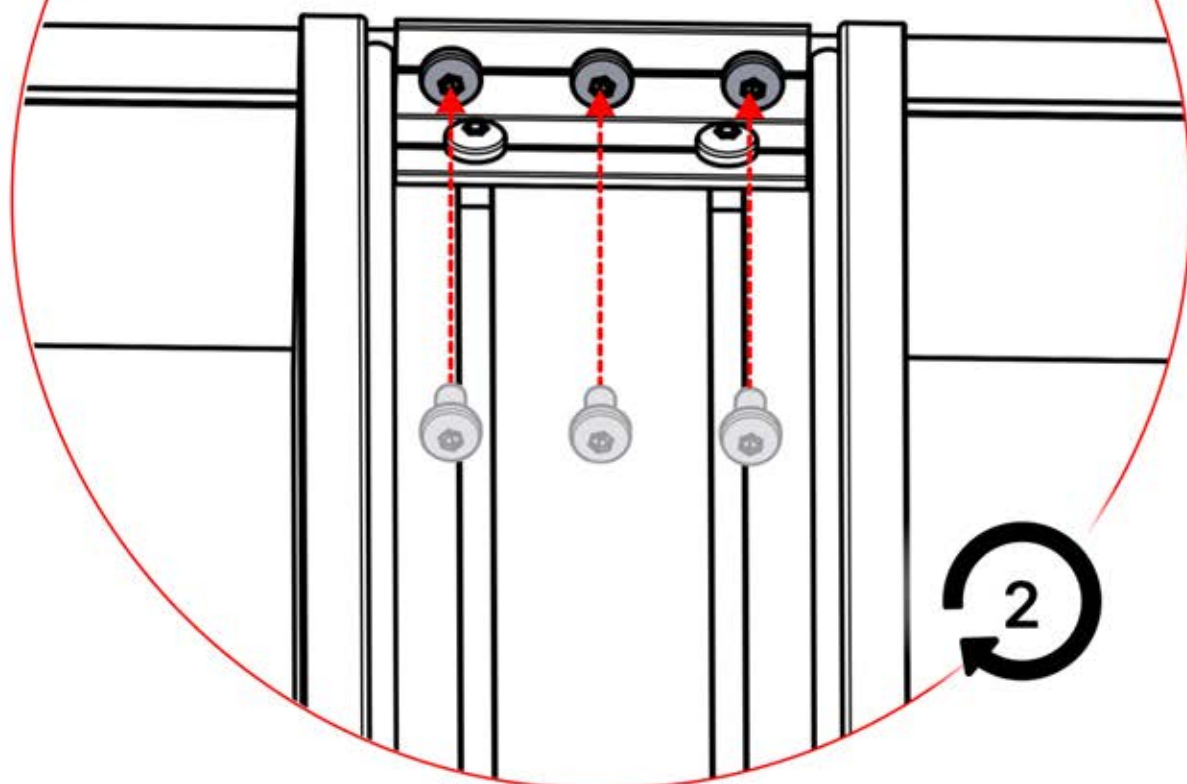
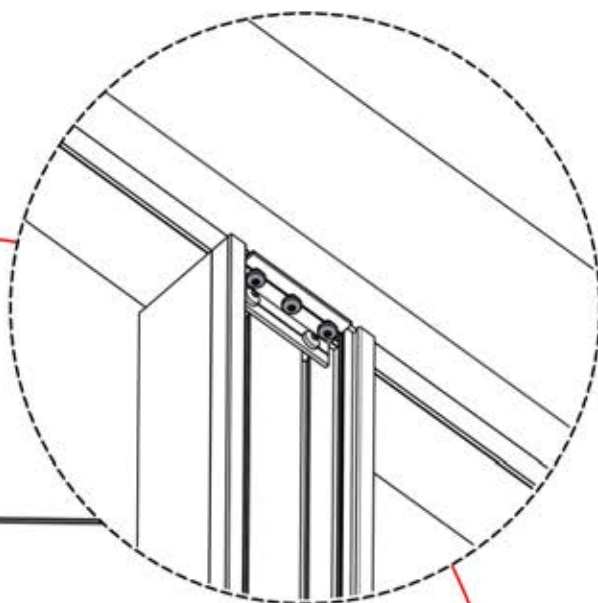
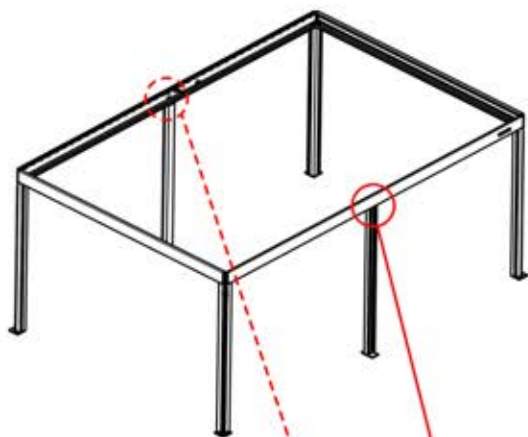
ANTHRACITE: B189
WHITE: B281
BLACK: B282



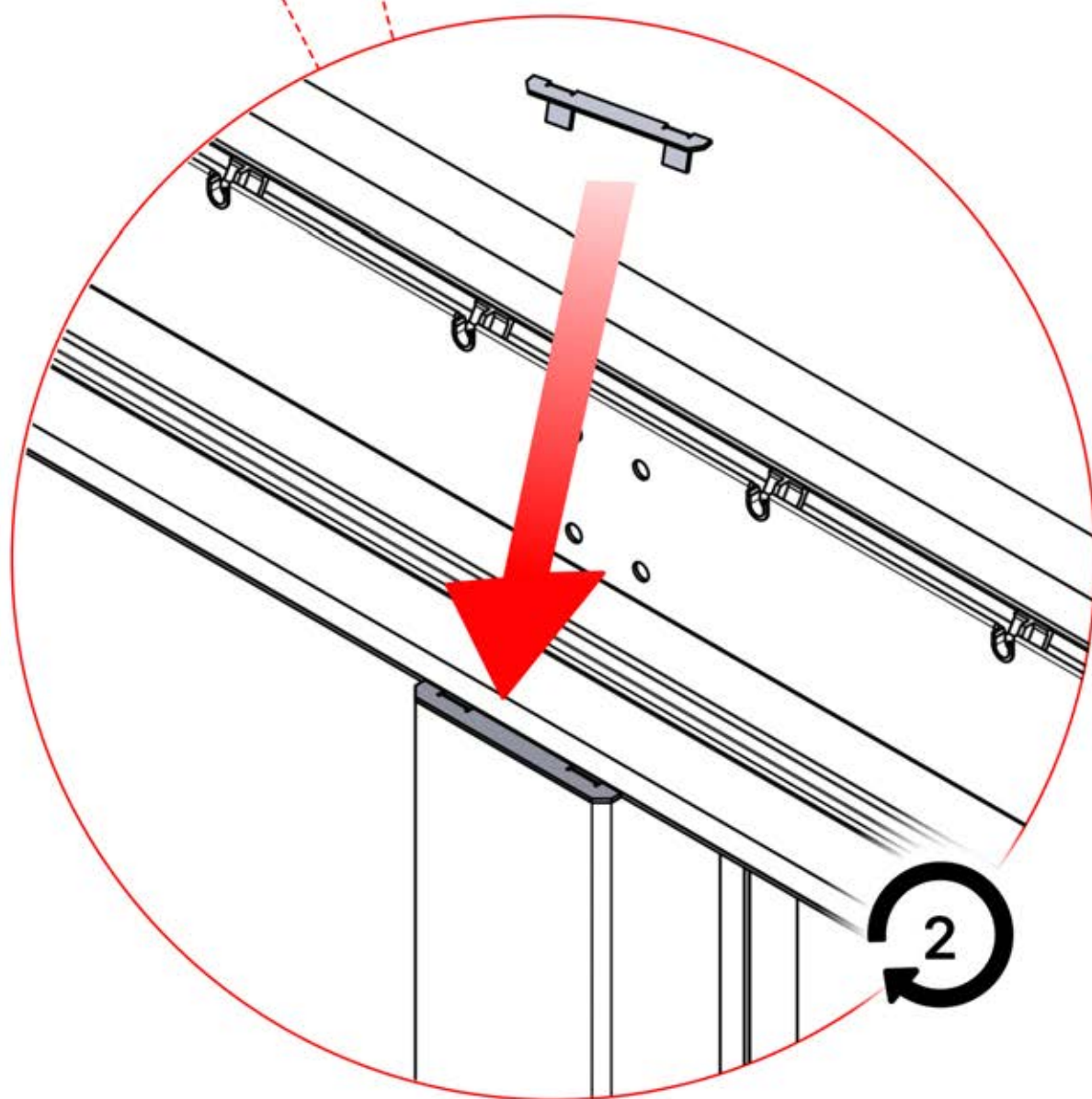
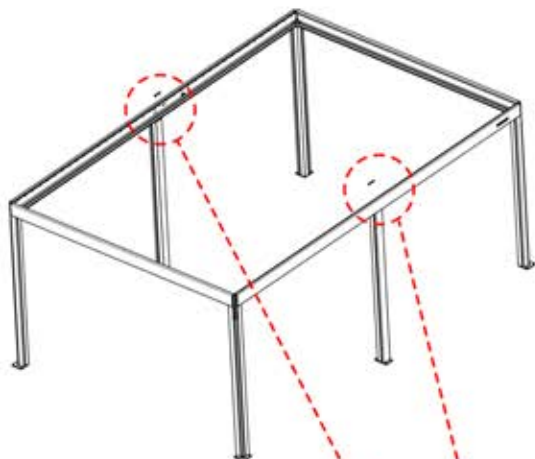
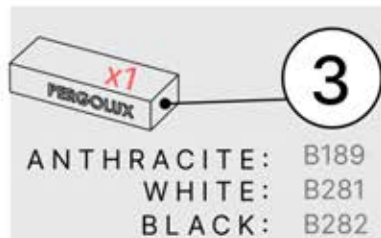
PN-200003603

6x

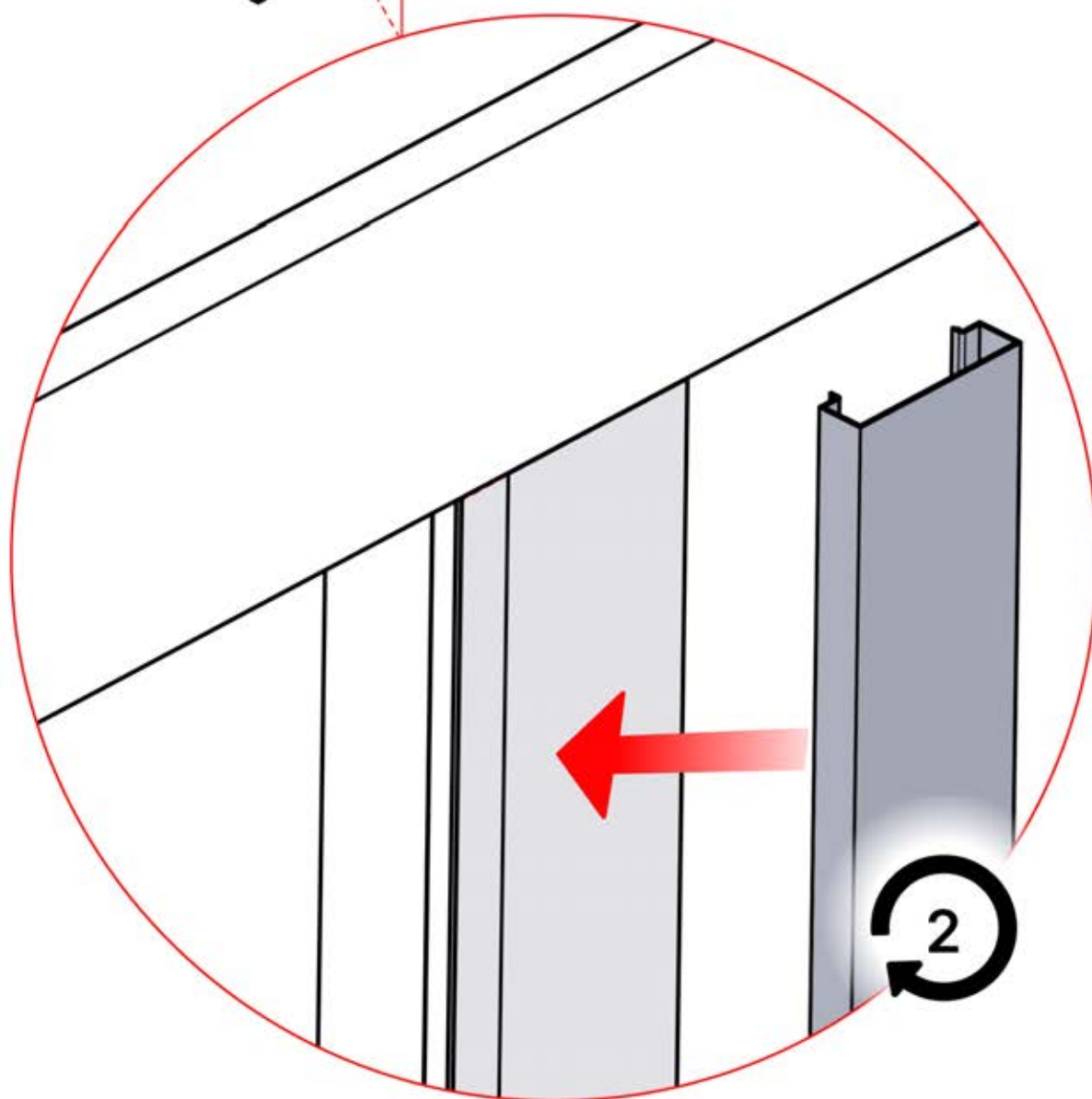
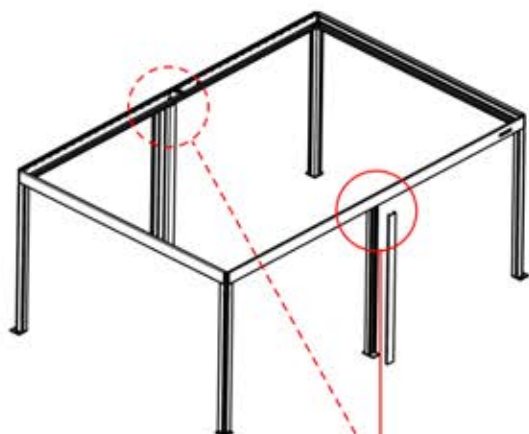
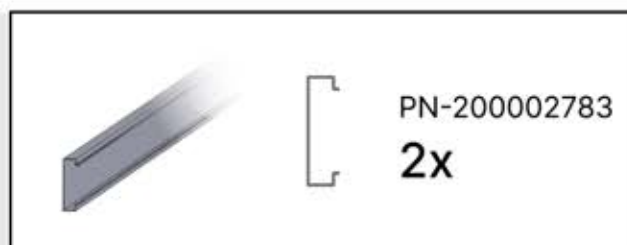
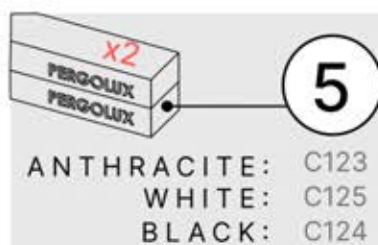
PN-20000
3603 



11



10



12


x1
4

ANTHRACITE: B221
 WHITE: B225
 BLACK: B223


x1
3

ANTHRACITE: B189
 WHITE: B281
 BLACK: B282

PP CENTER
LOUVER BEAM FS
3M
PN-200003416



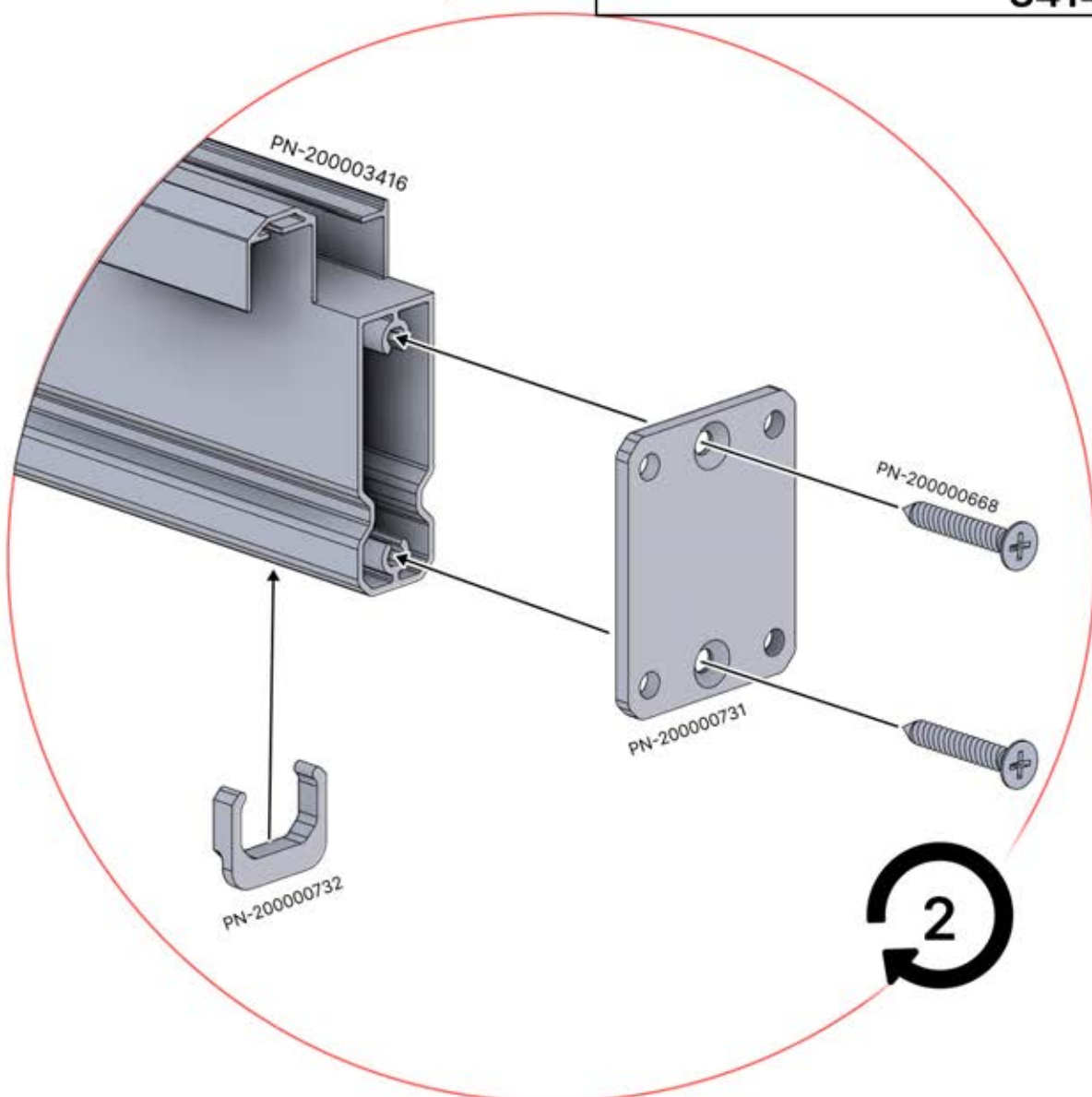

 PN-200003412
1X


 PN-200000731
2x


 PN-200000732
2x


 PN-200000668
4x

PN-20000
3414

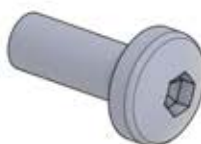



13



3

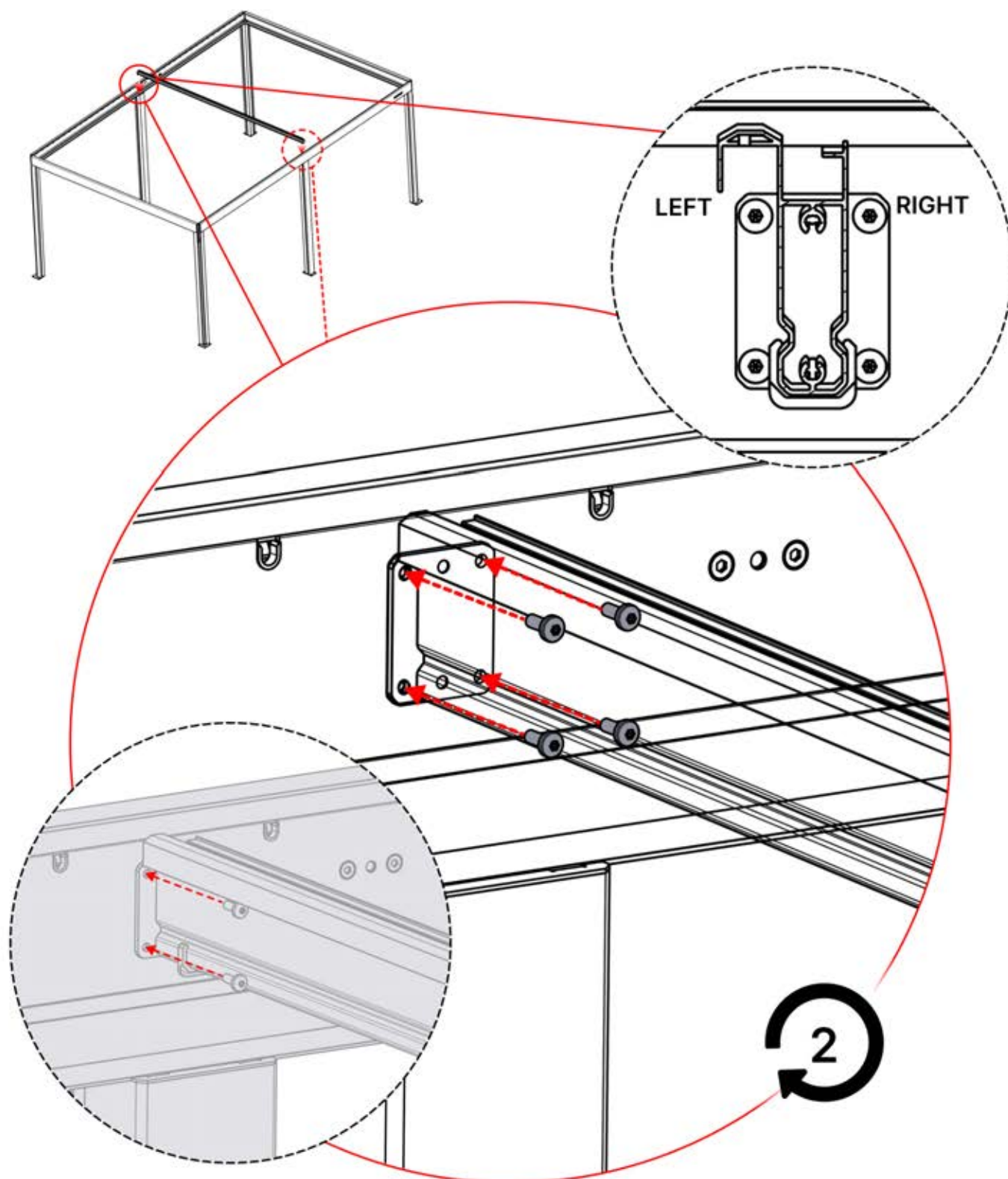
ANTHRACITE: B189
WHITE: B281
BLACK: B282



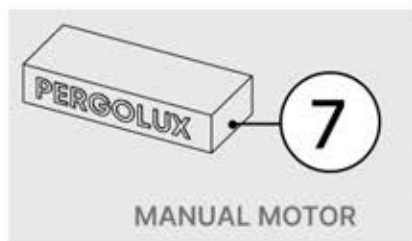
PN-200000415

8x

PN-20000
3414



14



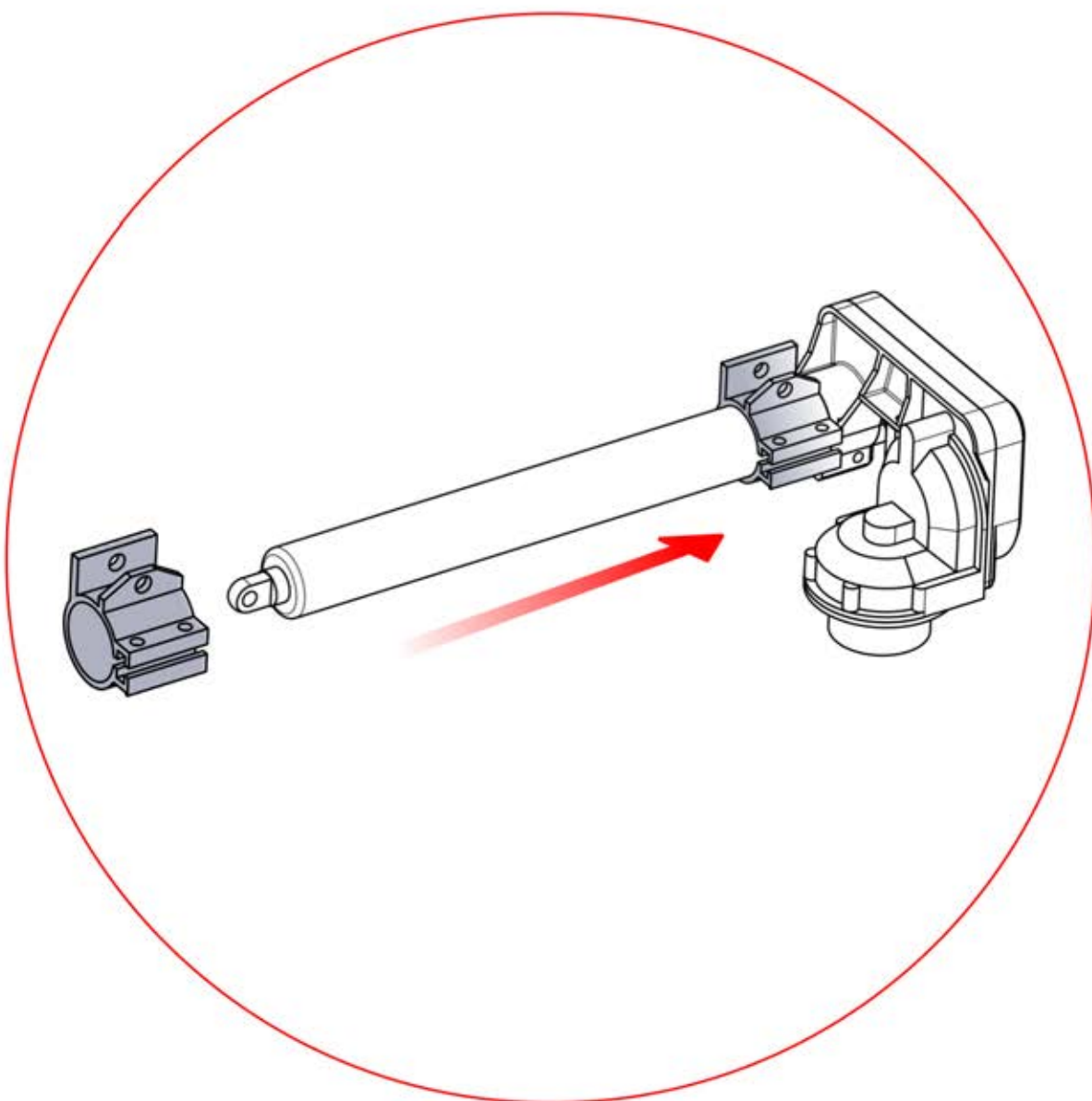
PN-200001563

1x

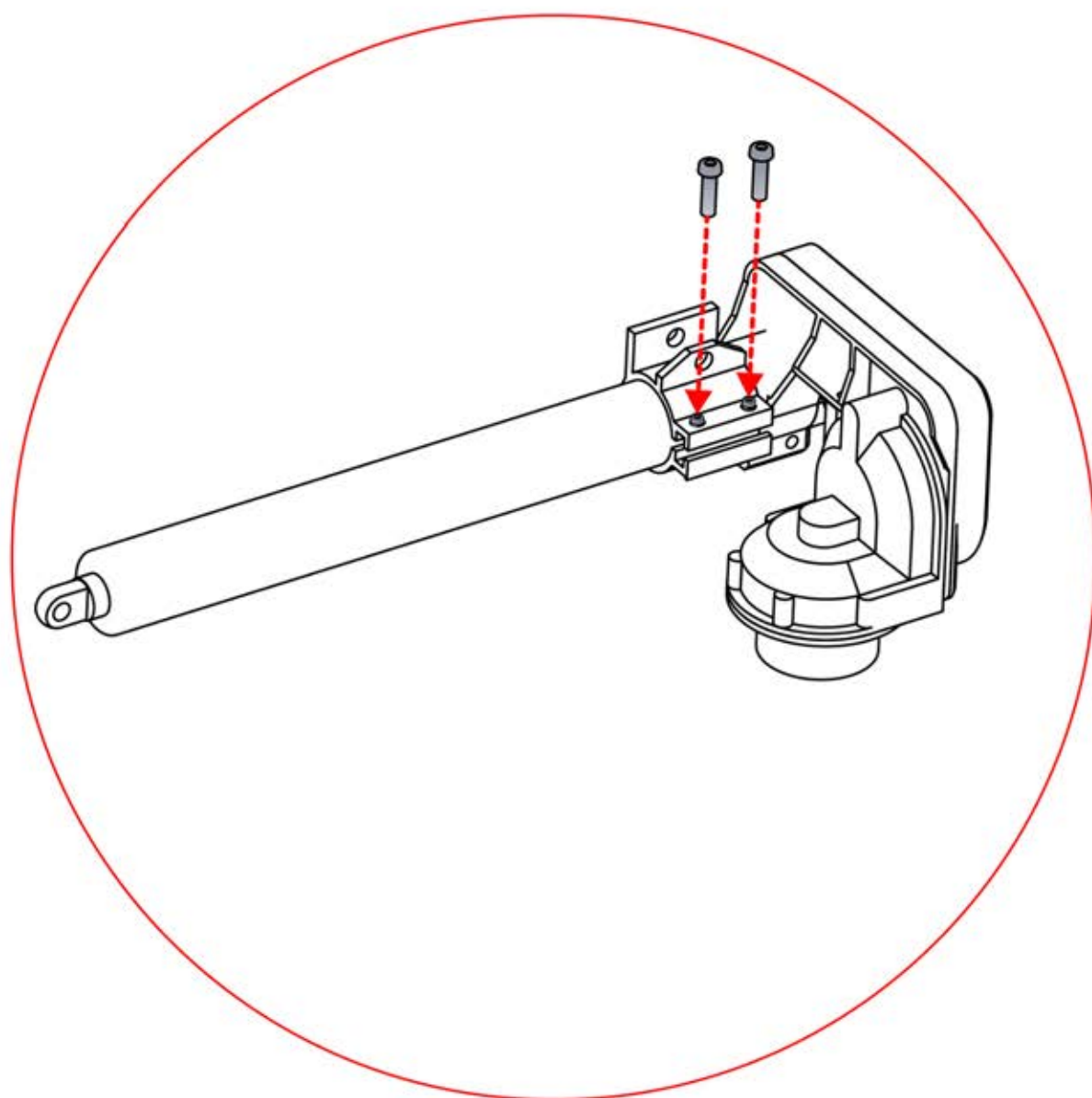


PN-200003773

1x



15



16



3

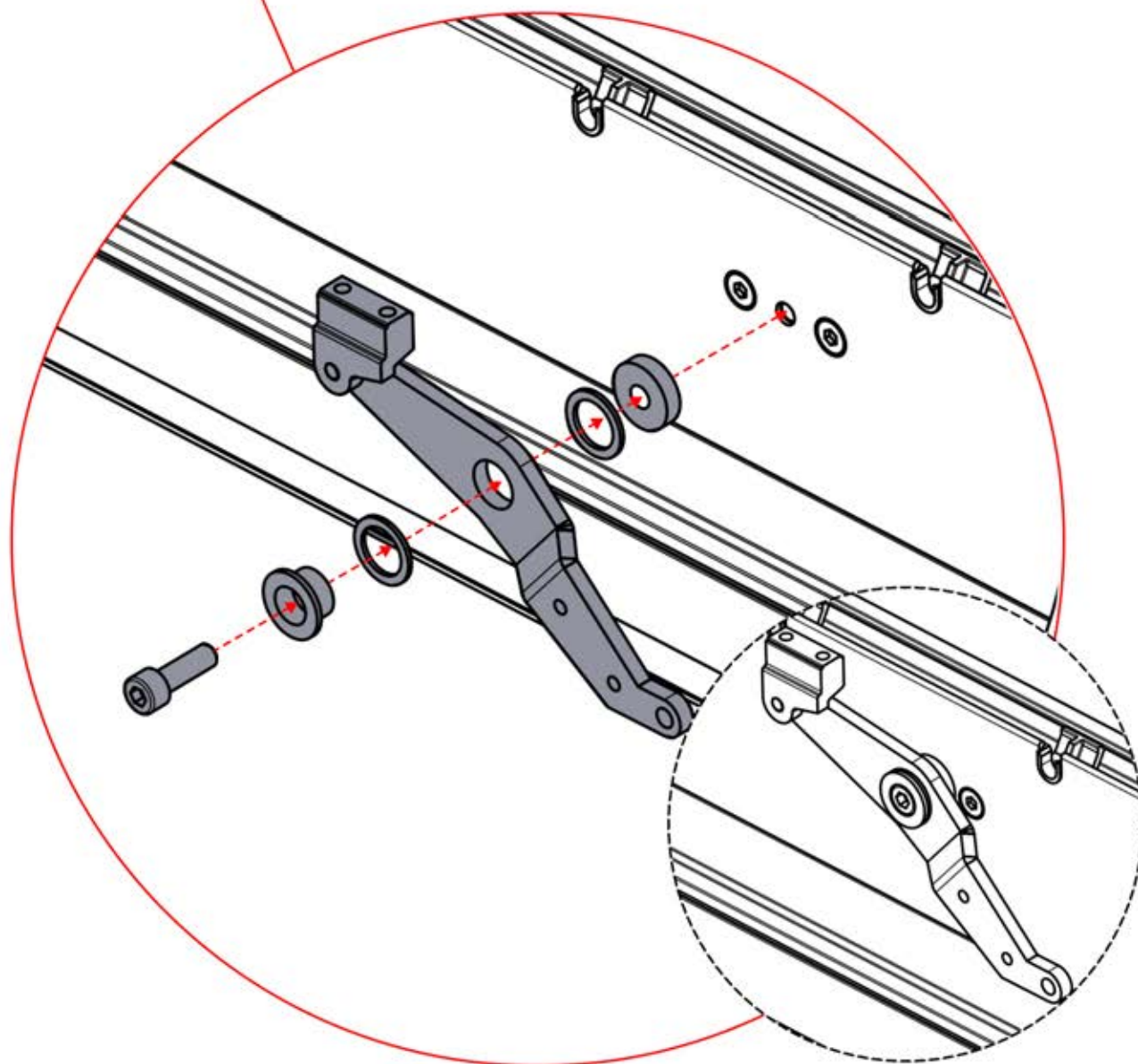
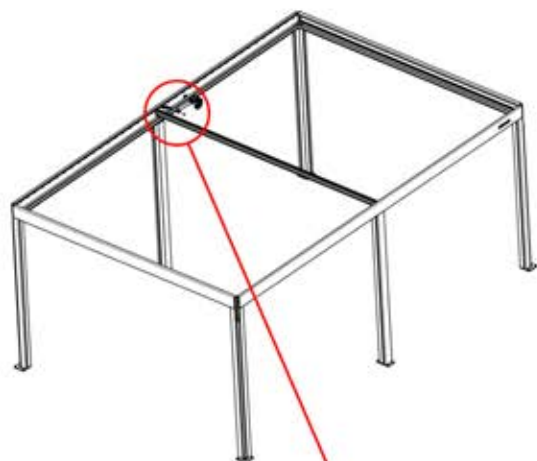
ANTHRACITE: B189
 WHITE: B281
 BLACK: B282







PN-200003318
1x
 PN-200003317
1x
 PN-200000511
2x
 PN-200000502
1x
 PN-200000561
1x
 PN-20000
3319

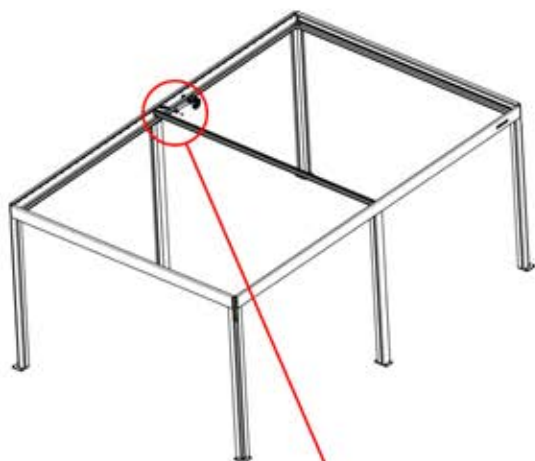



17



3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



PN-200003367

1x



PN-200000853

2x



PN-200003370

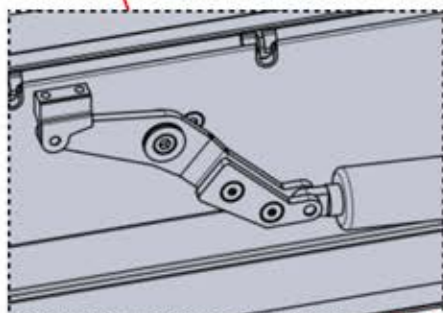
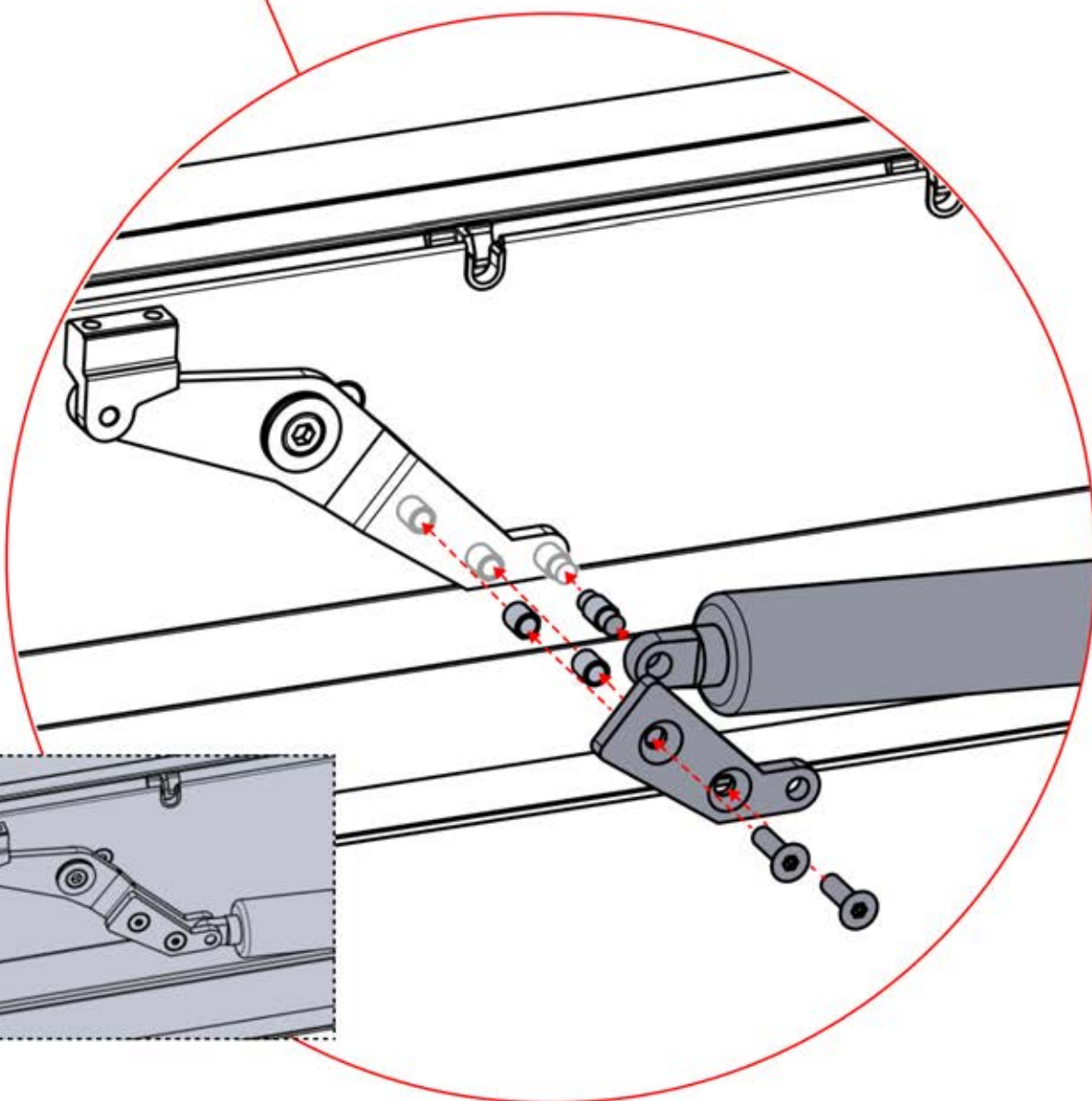
1x



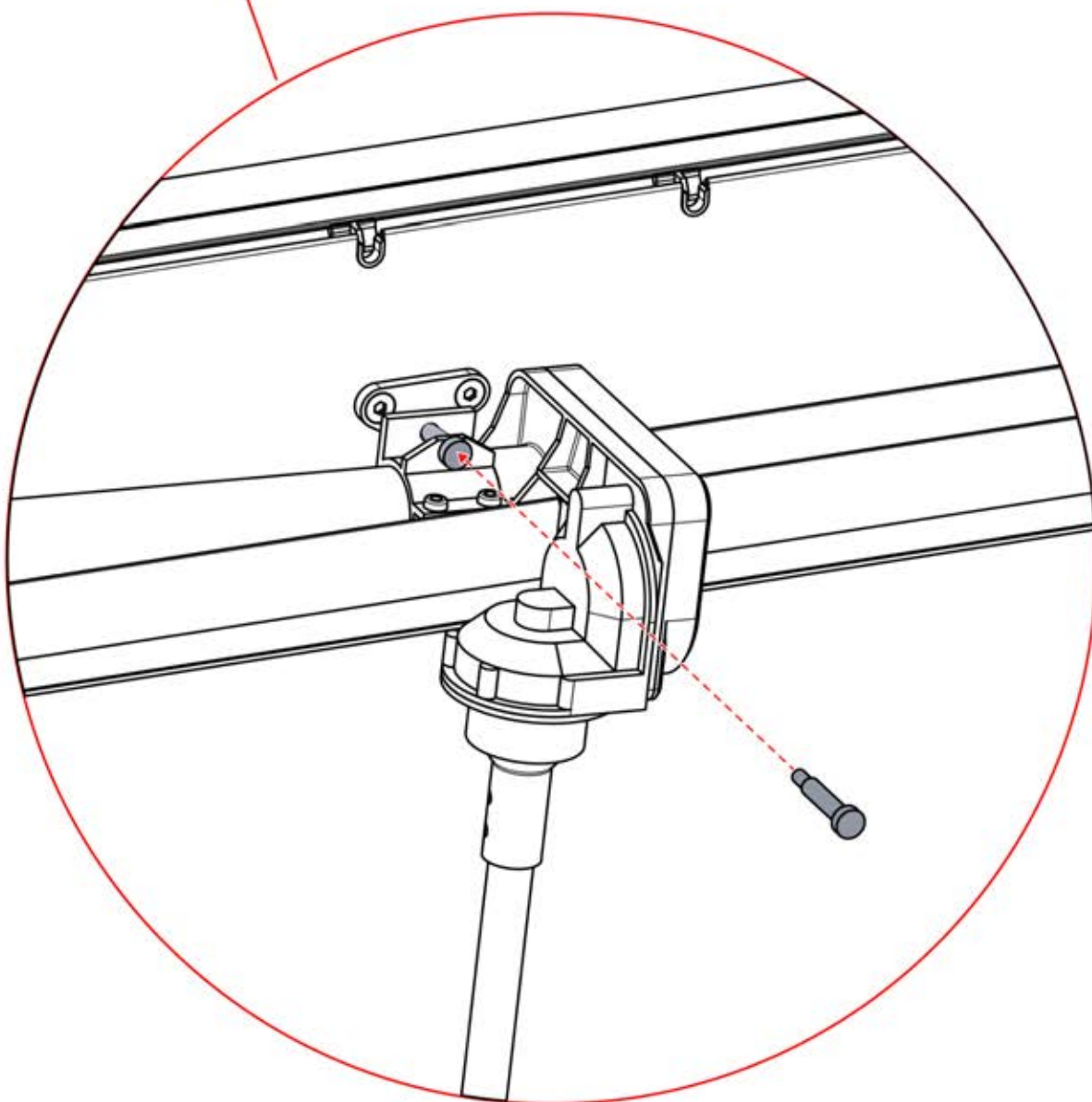
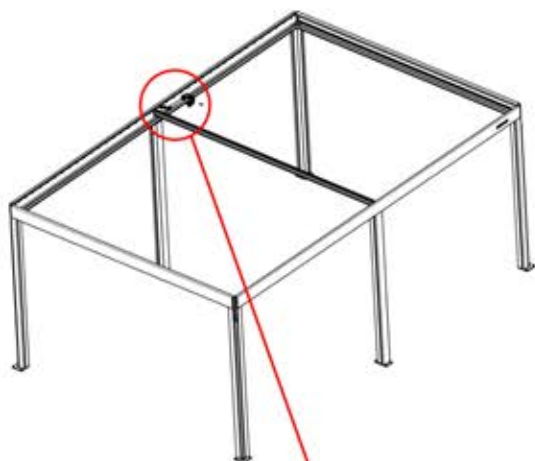
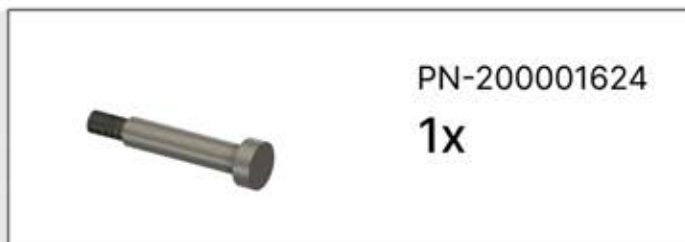
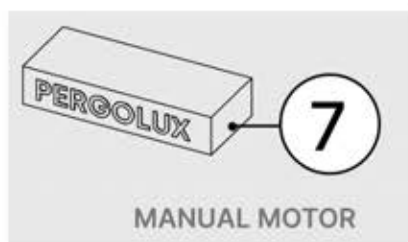
PN-200003368

2x

PN-20000
3319



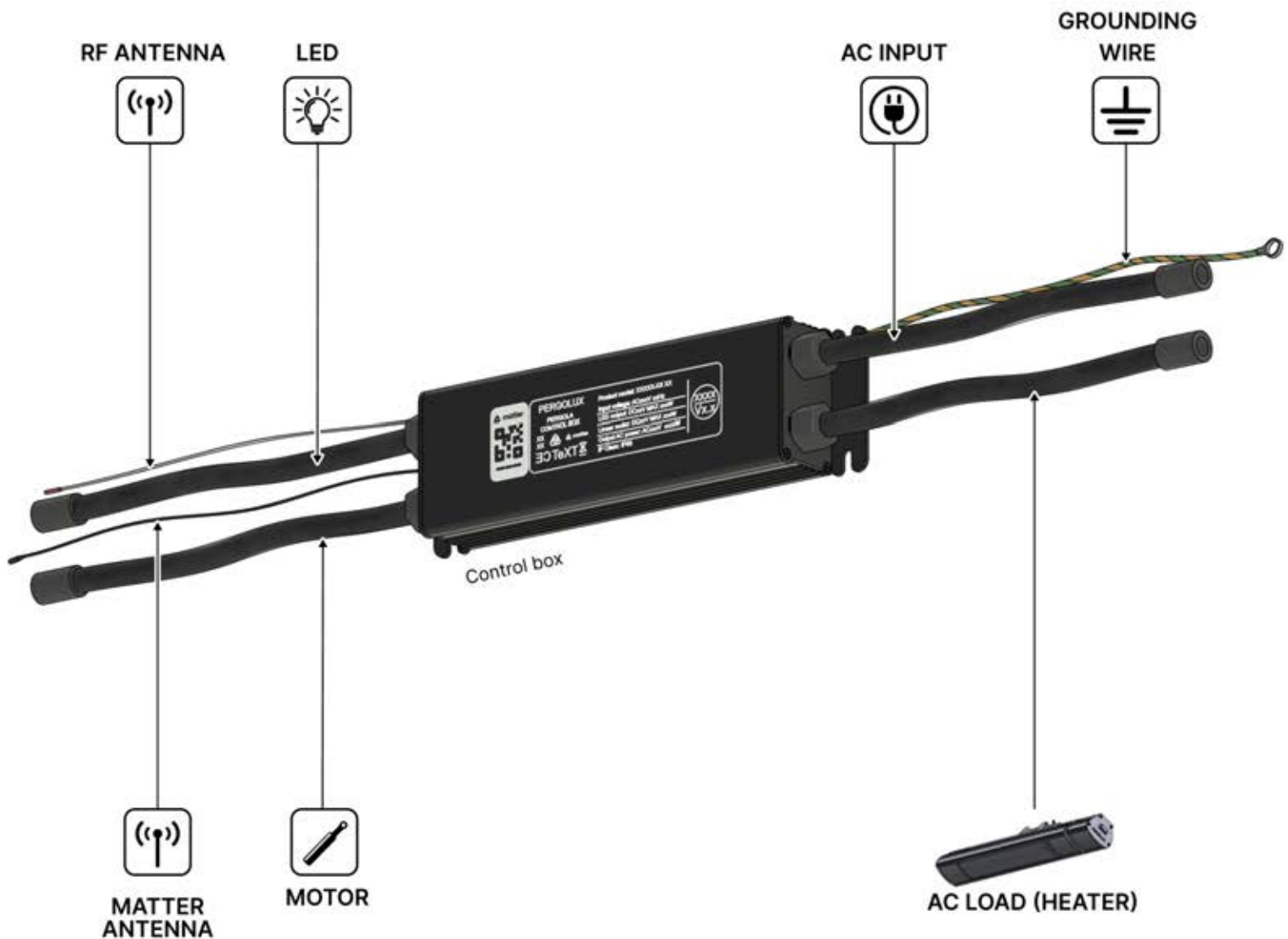
18



INPUTS AND OUTPUTS



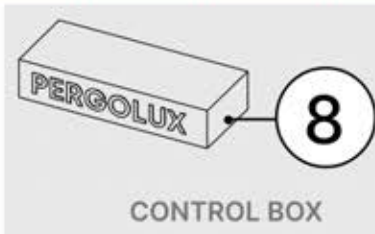
** Only if you ordered LED lights to your pergola.



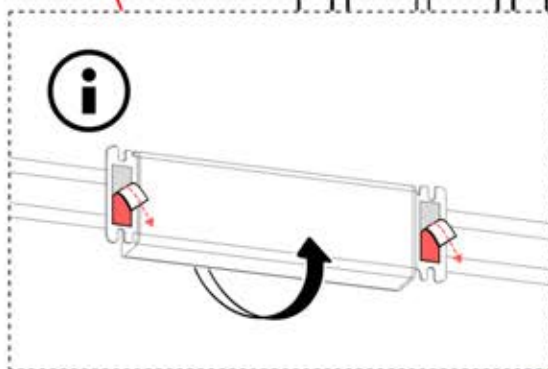
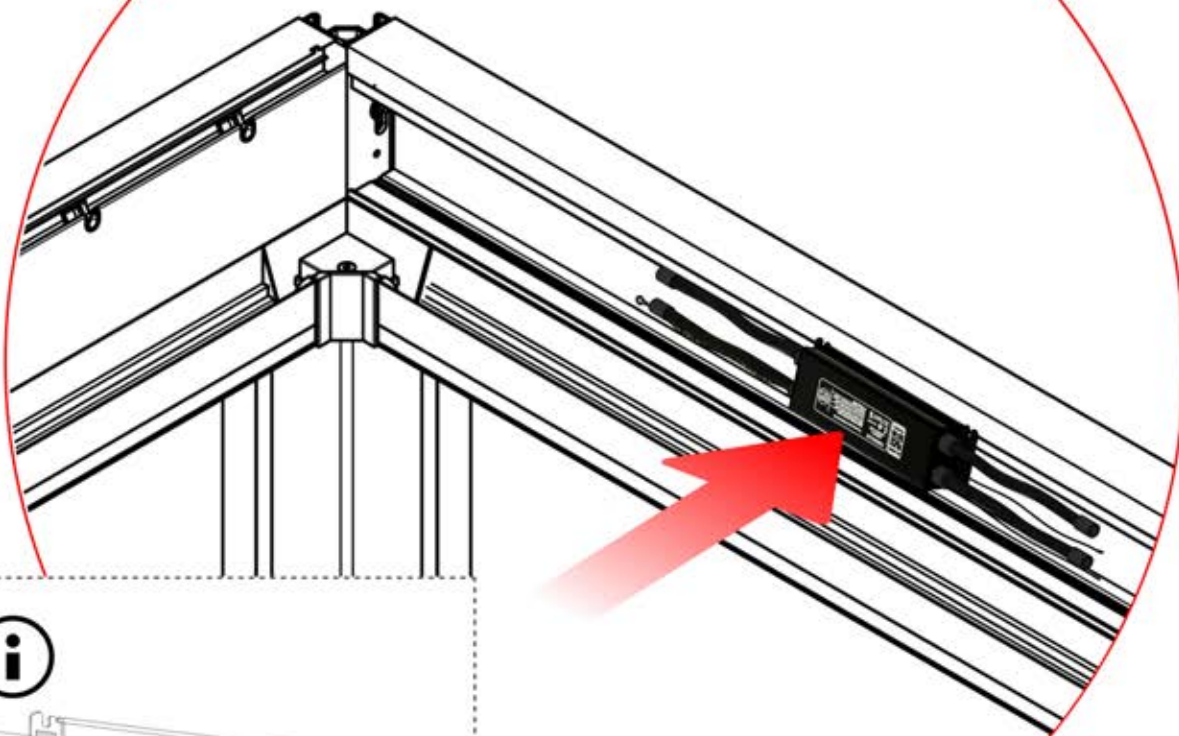
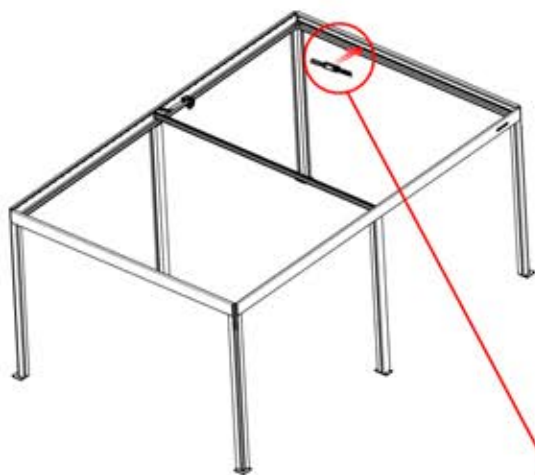


**** Only if you ordered LED lights to your pergola.**

19



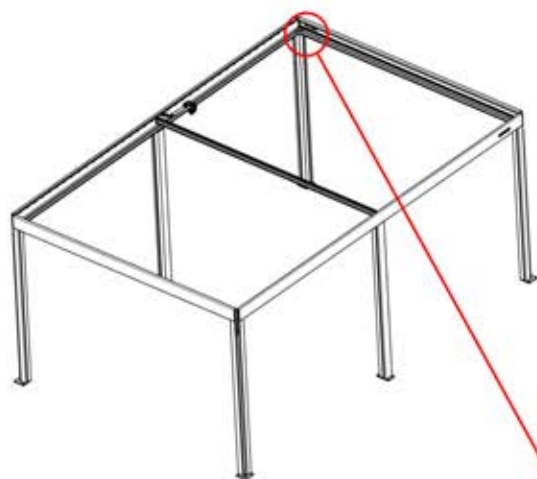
Control Box can be
installed on
Preferred W BEAM





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

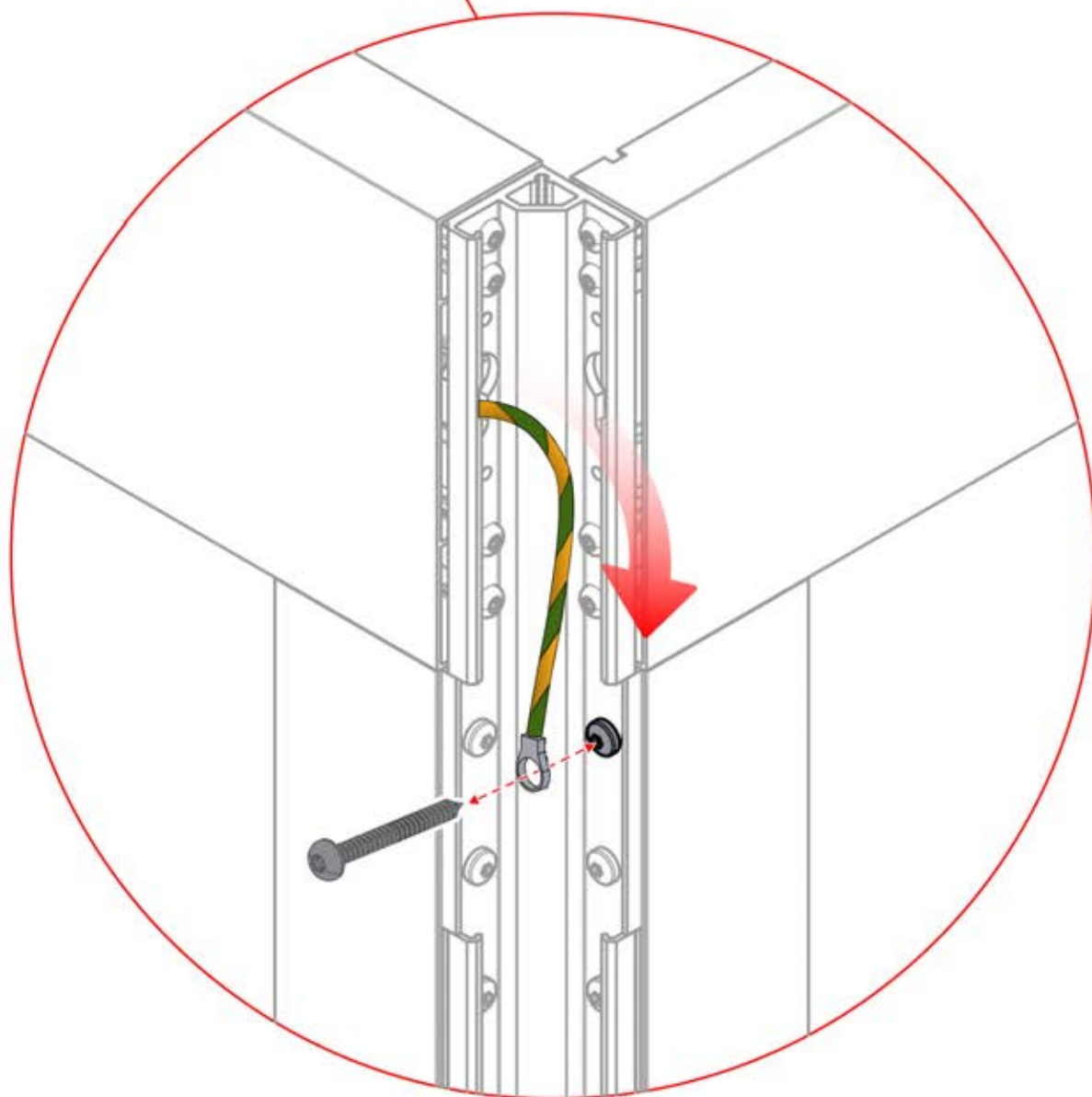
20



Connect grounding wire before connecting to power!



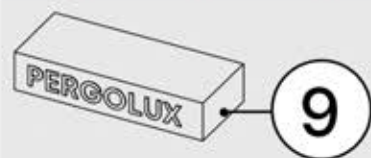
GROUNDING





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

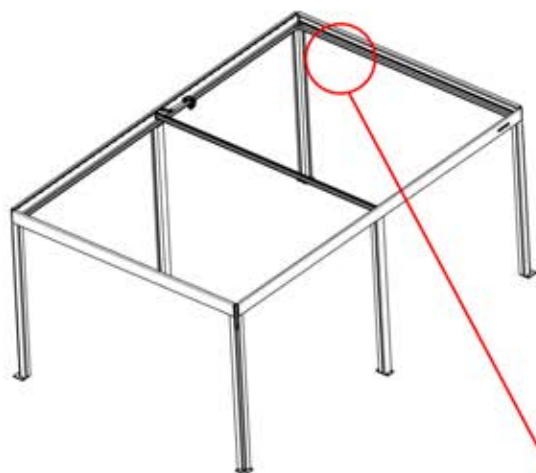
21



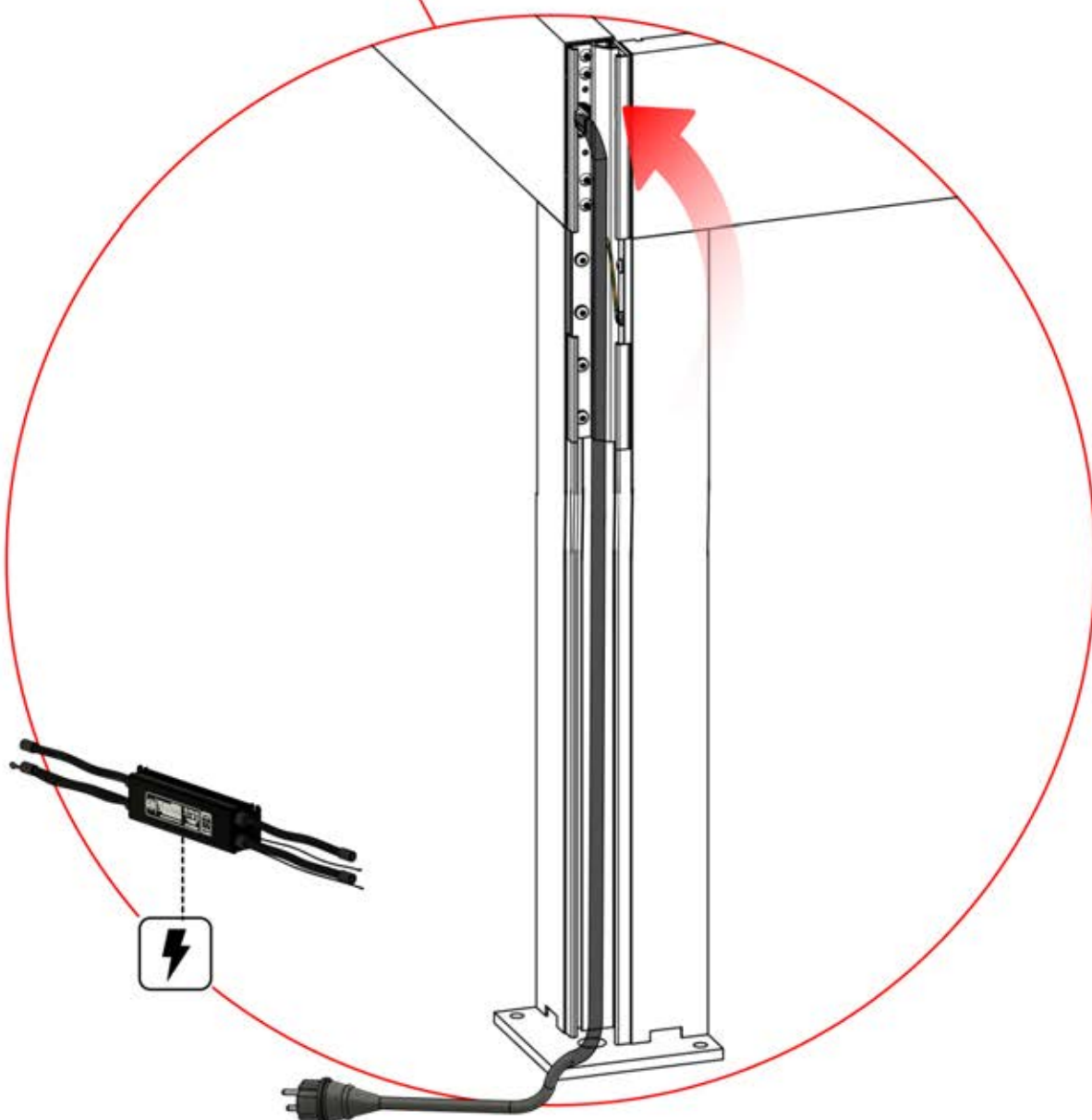
POWER CABLE



Power cable
PN-200003781
1x



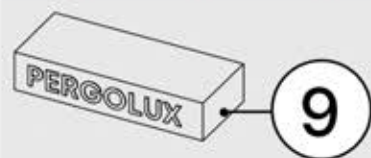
Power Cable can be
routed through all
the Poles.





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

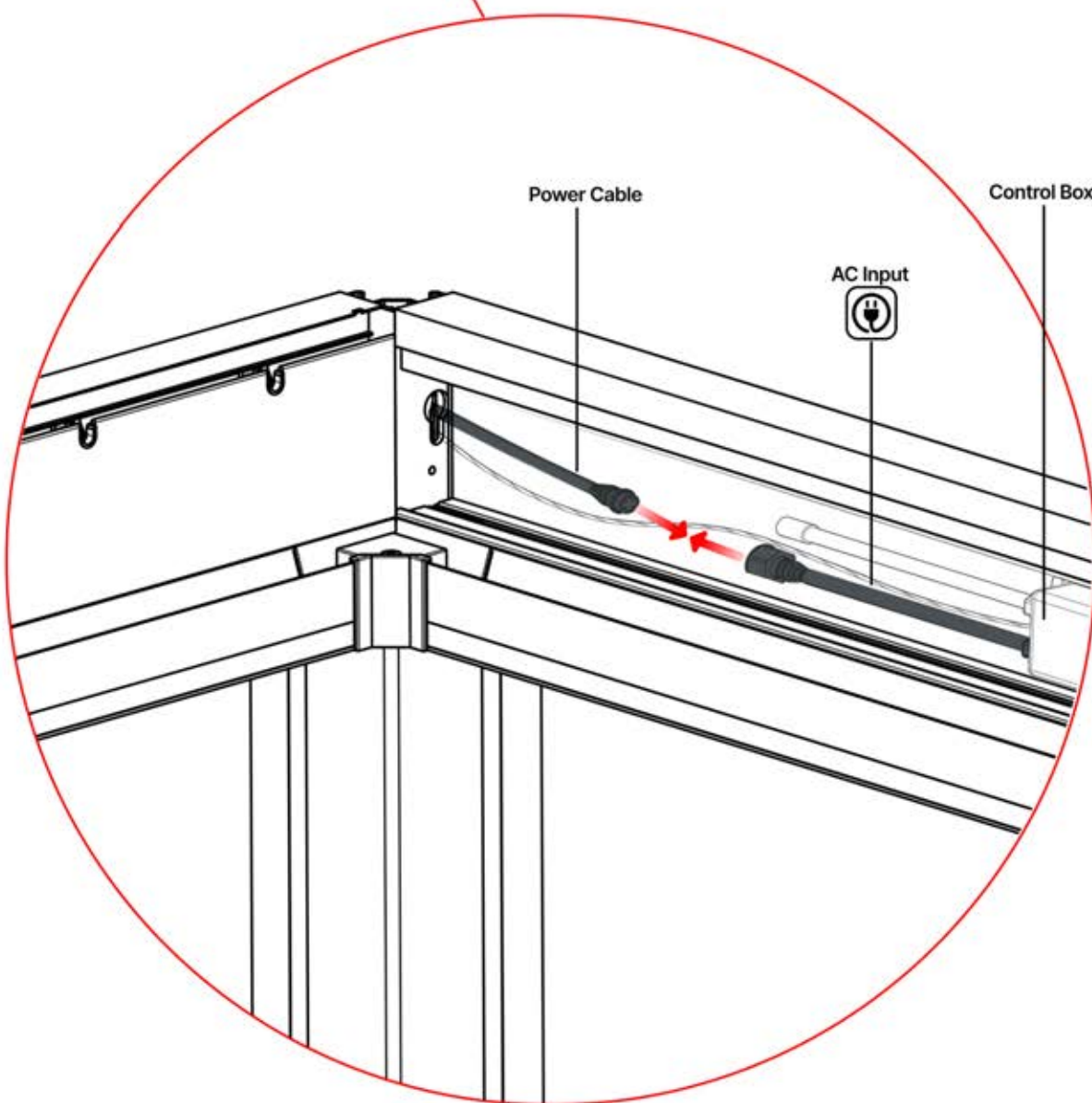
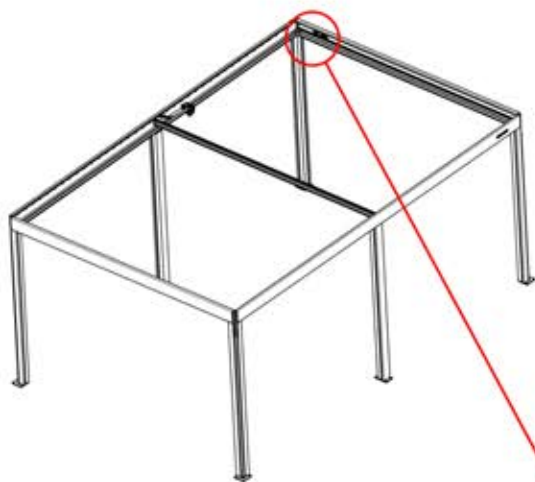
22



POWER CABLE



Power cable
PN-200003781
1x





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

23

1

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

Follow the instructions in the heater assembly manual.



2

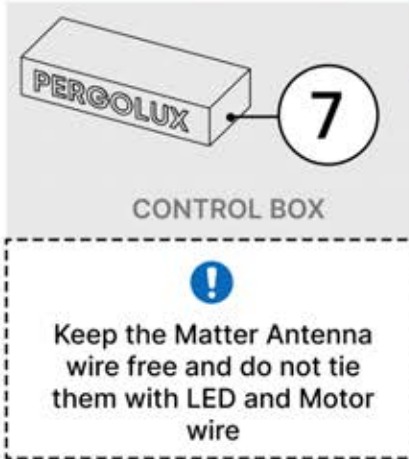
It's time to connect the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.



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

24



S4



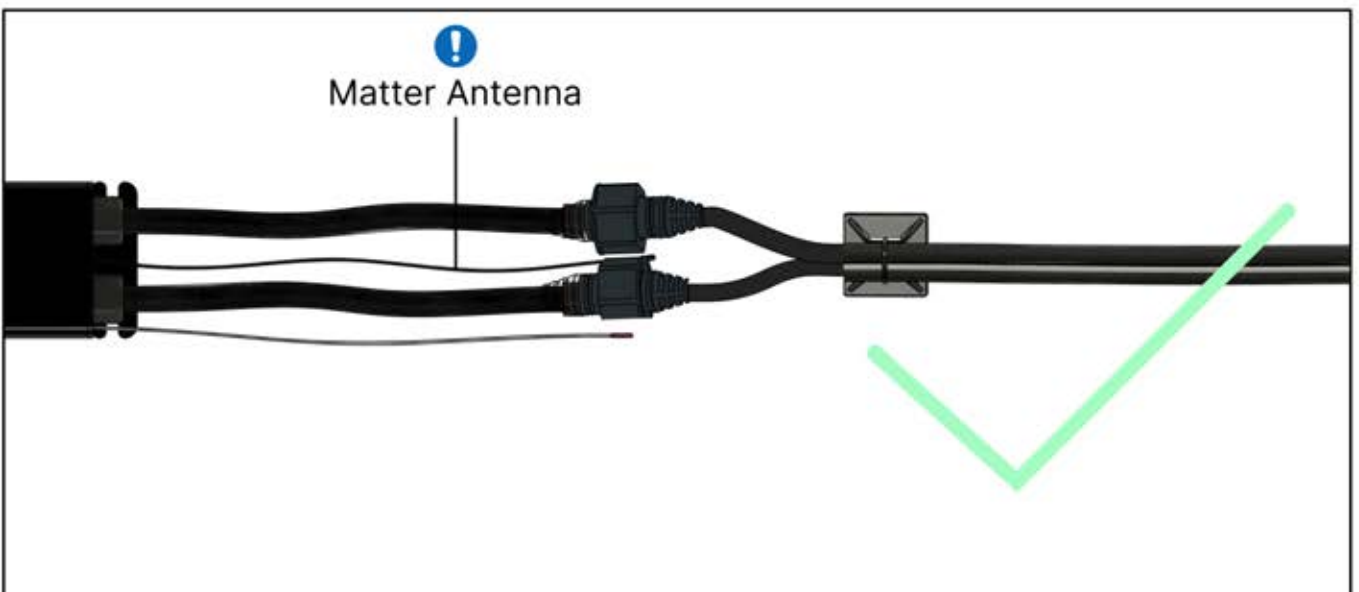
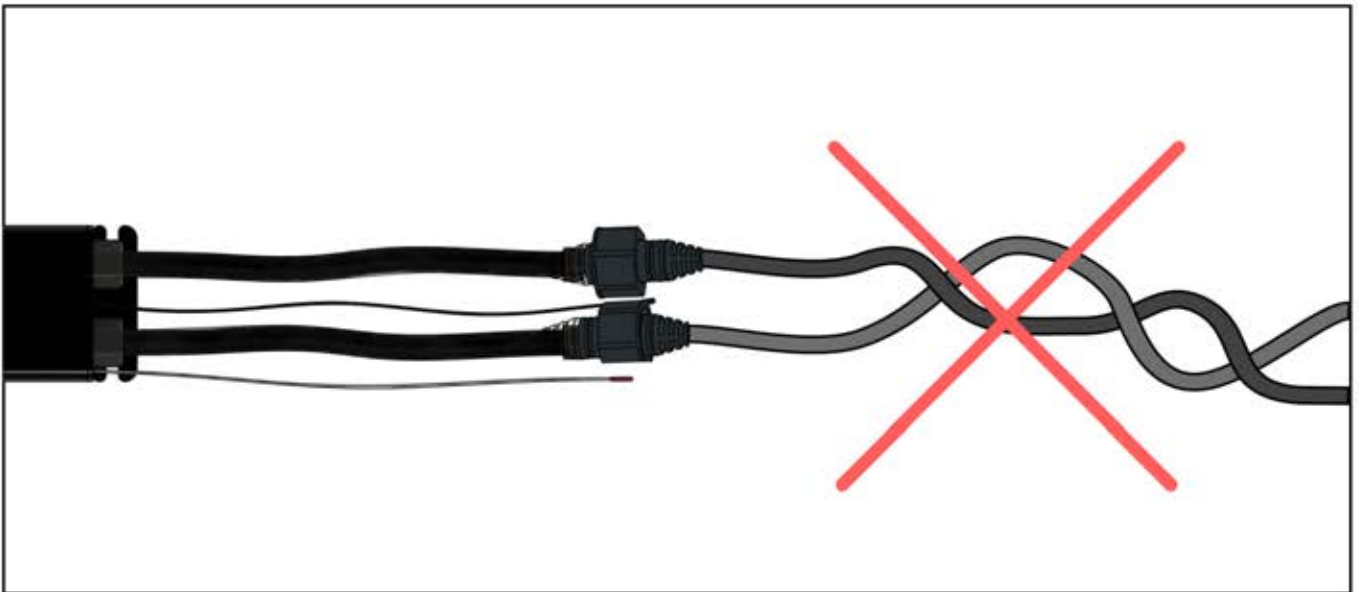
PN-200002683

5x

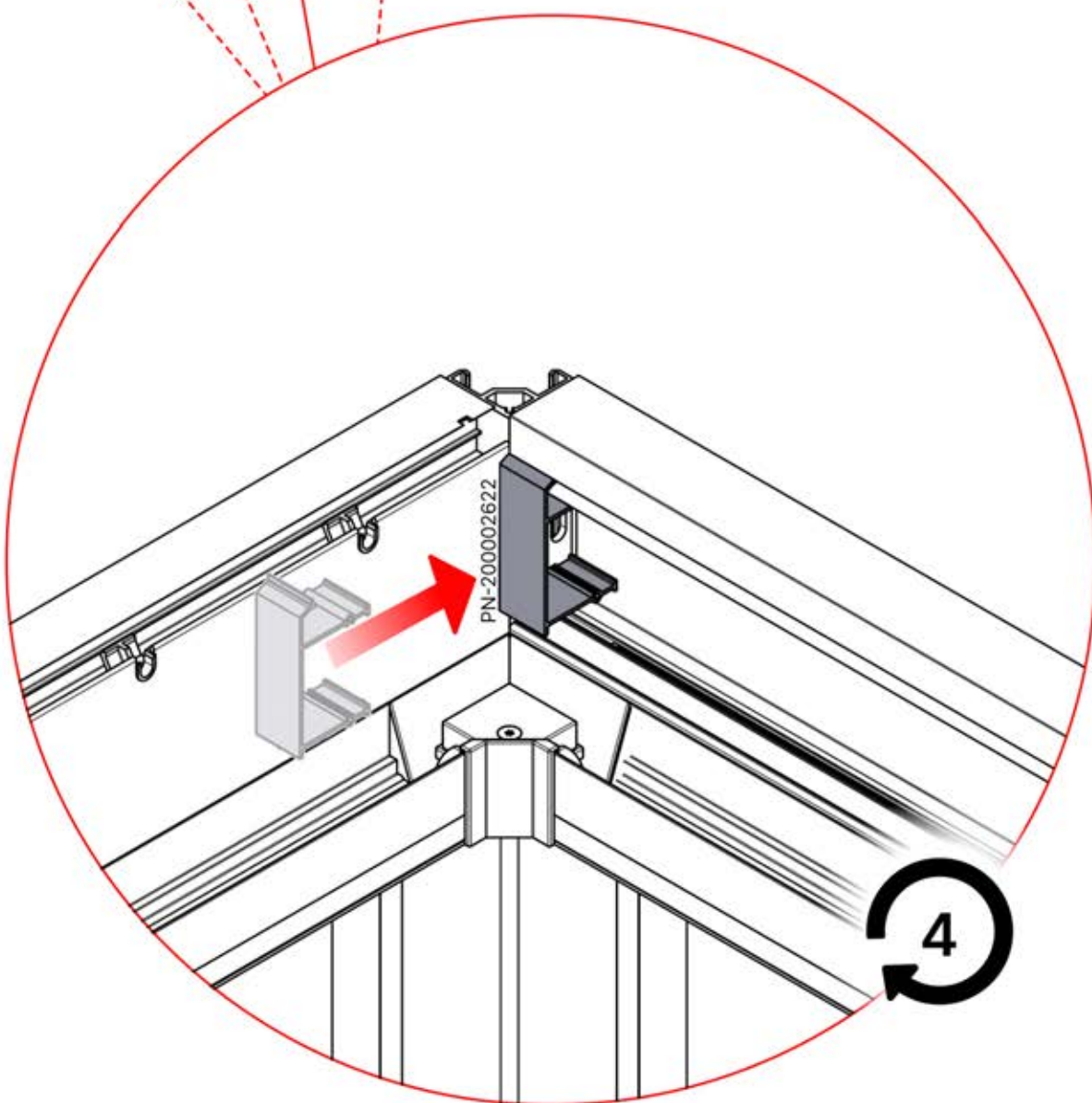
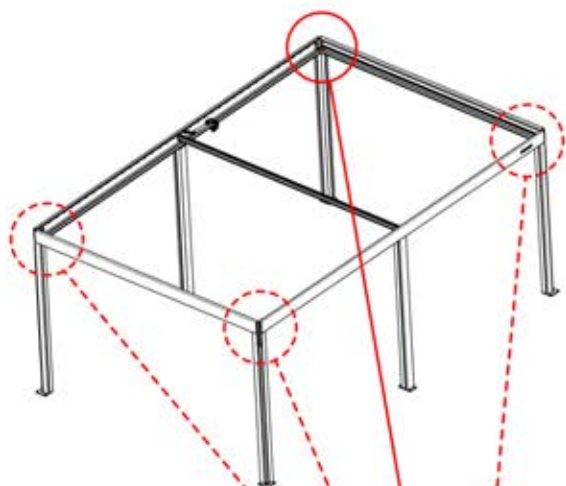
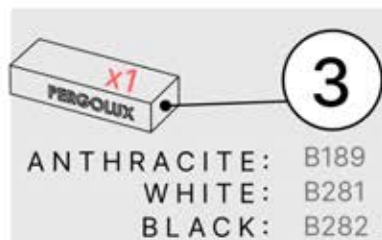


PN-200002684

10x



25



26

x1
PERGOLUX

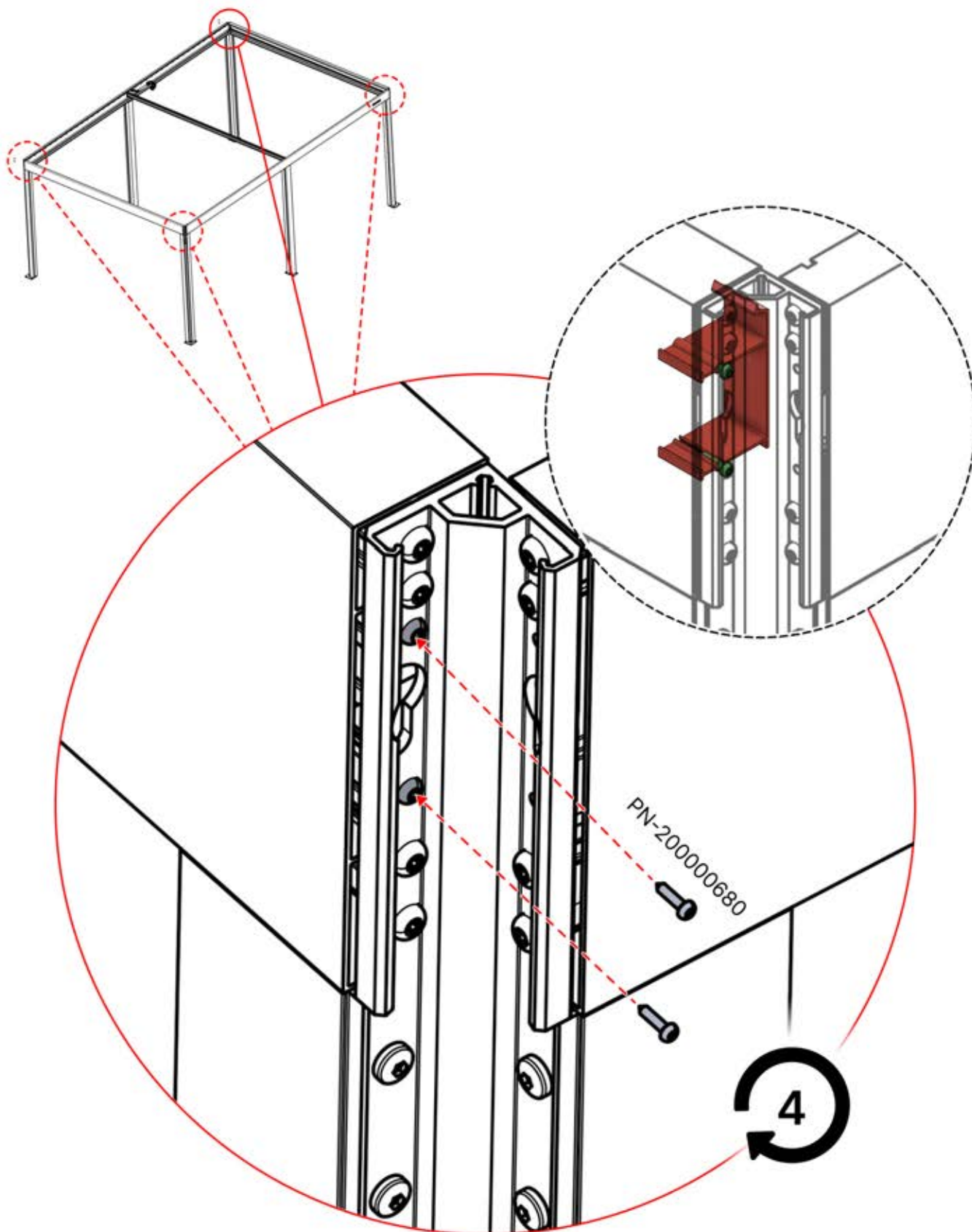
3

ANTHRACITE: B189
WHITE: B281
BLACK: B282

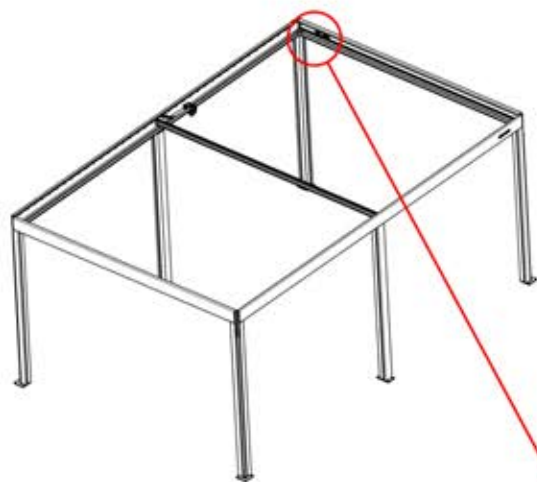
PN-200000680
8x

PN-20000
3281

Zip Bag



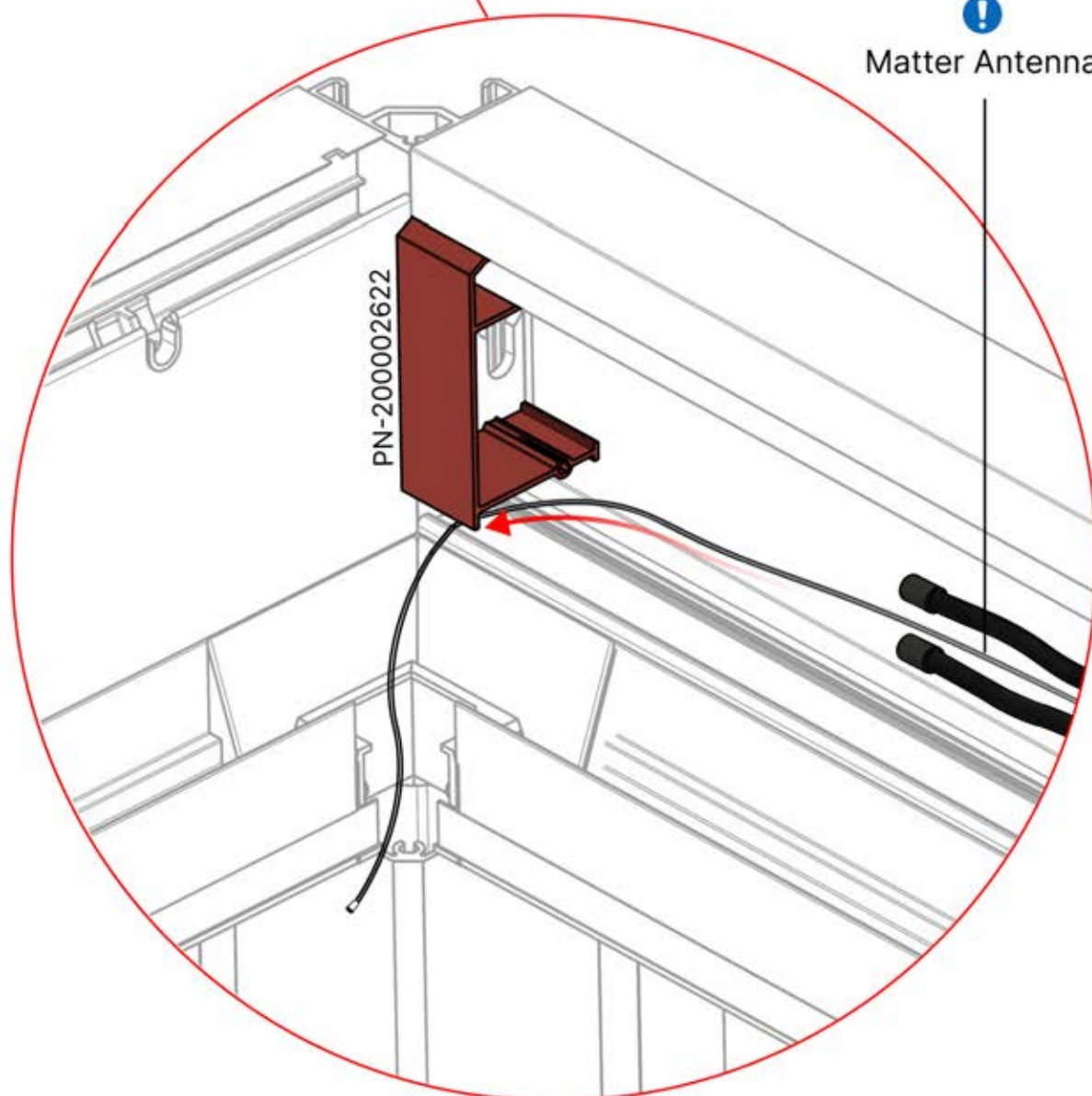
27



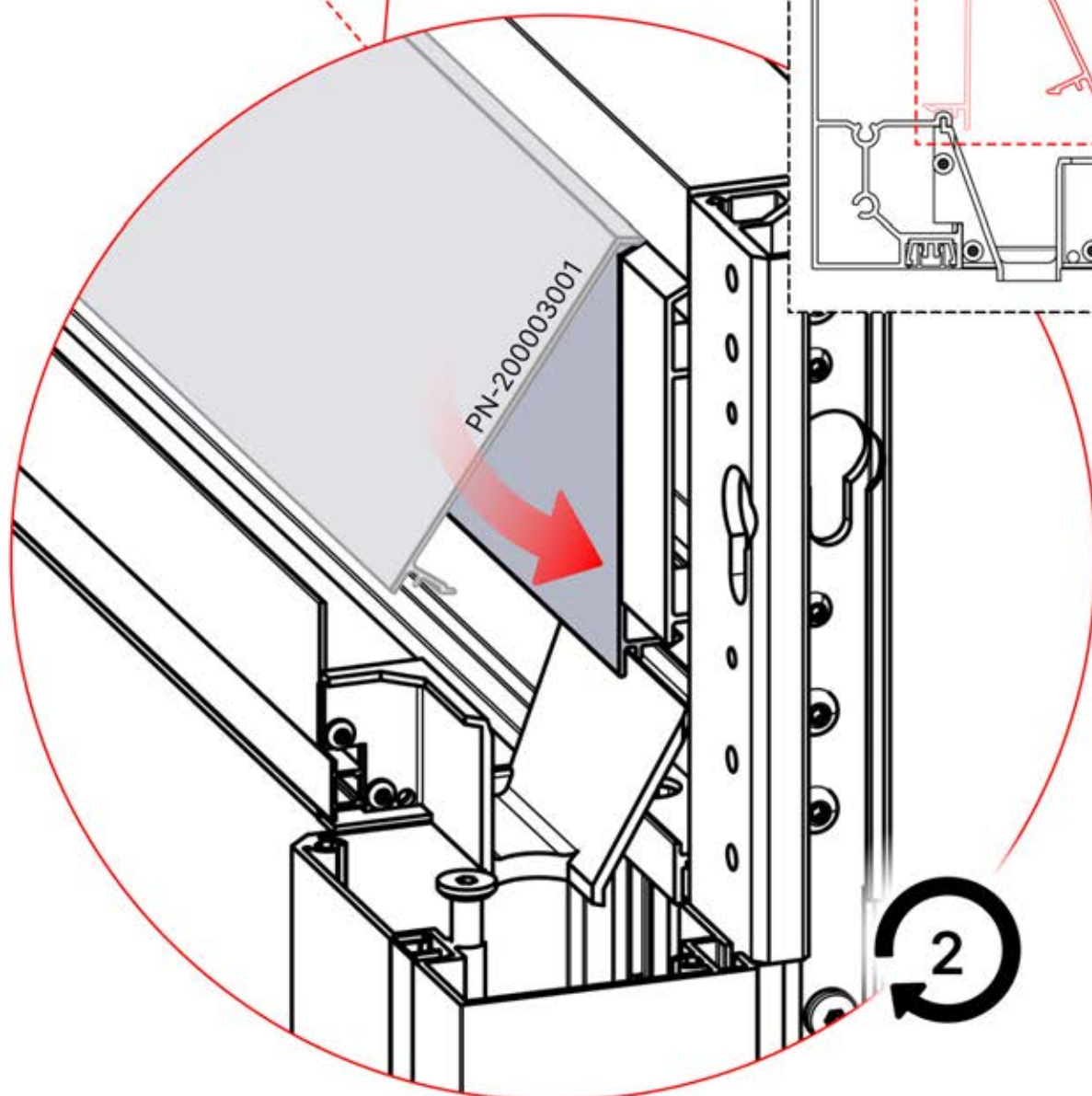
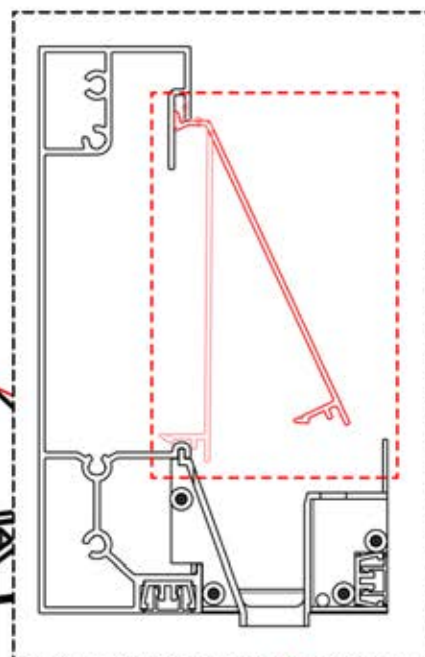
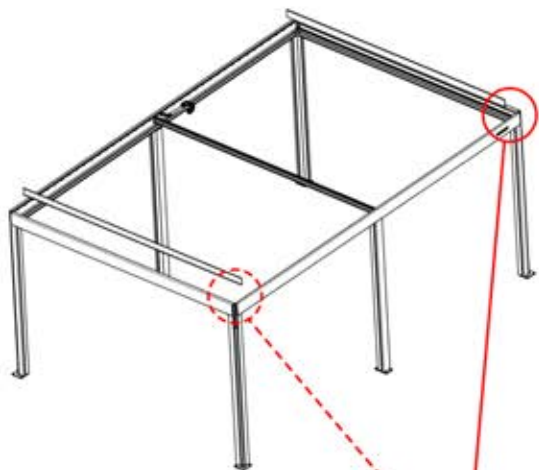
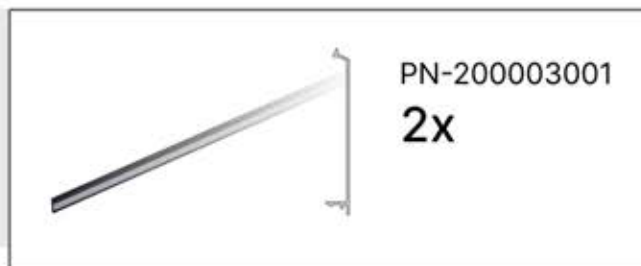
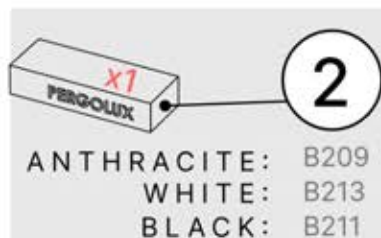
Route the Matter Antenna and place it below the highlighted part(PN-200002622).



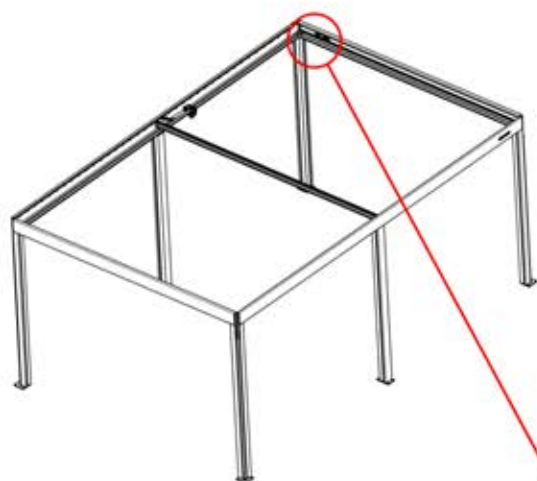
Matter Antenna



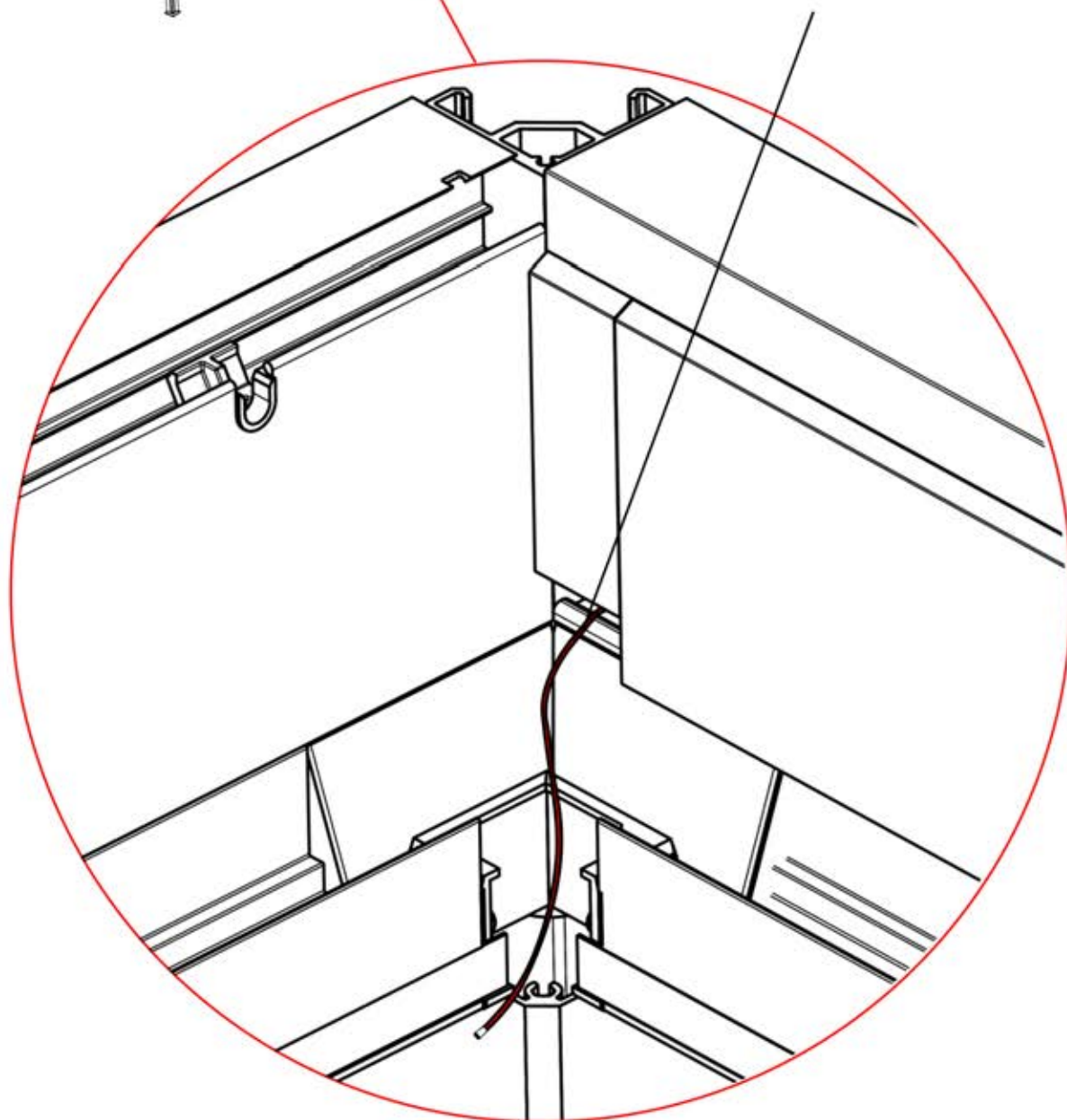
28



INFORMATION



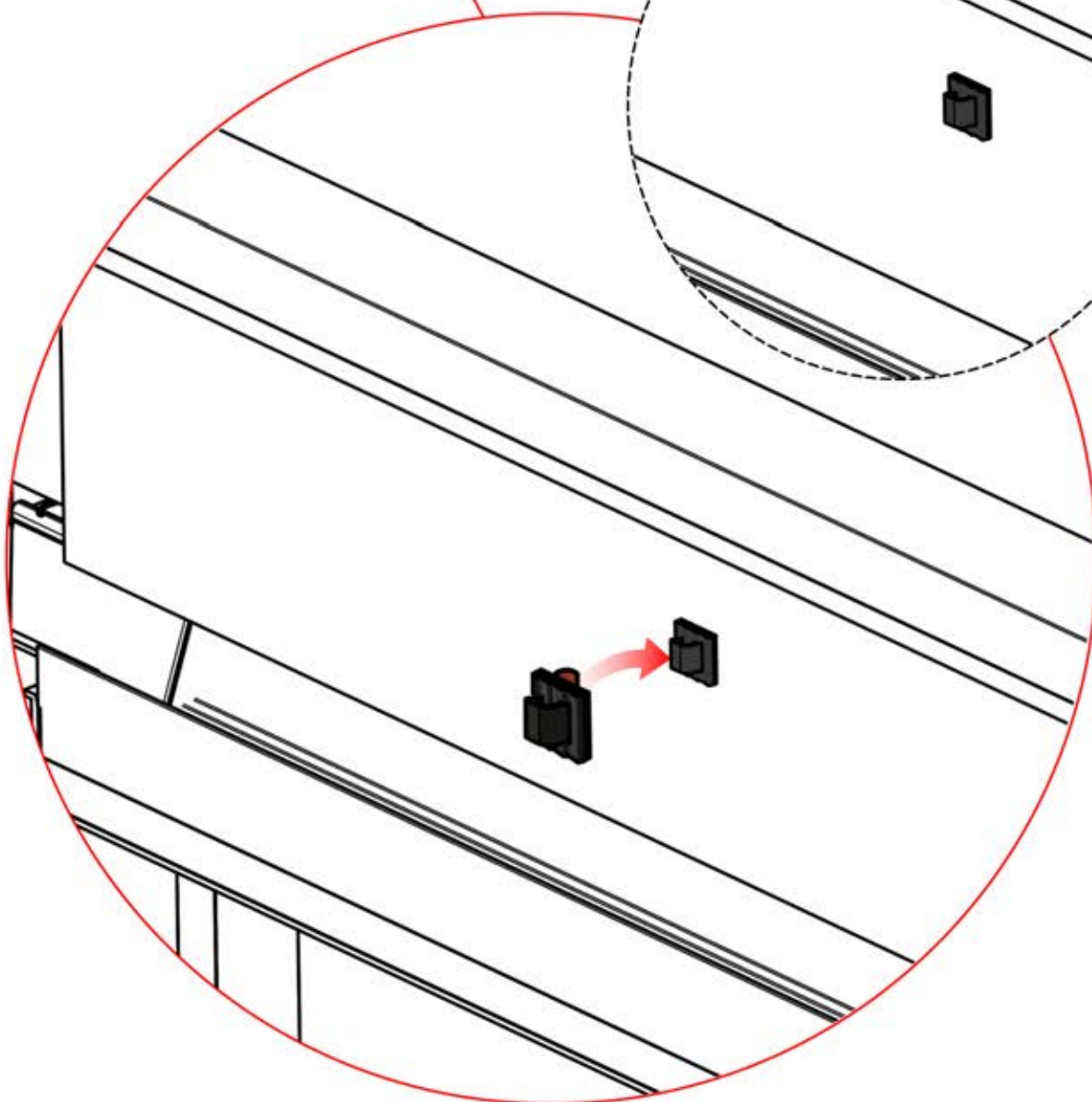
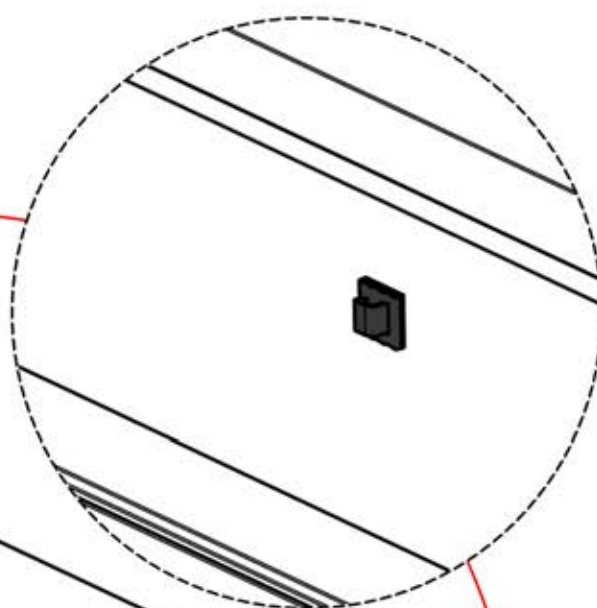
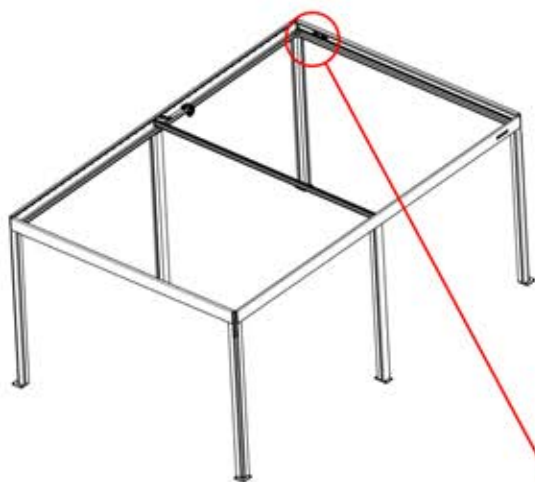
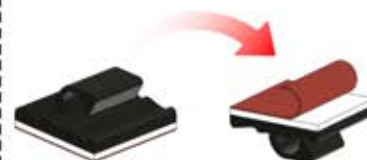
Matter Antenna



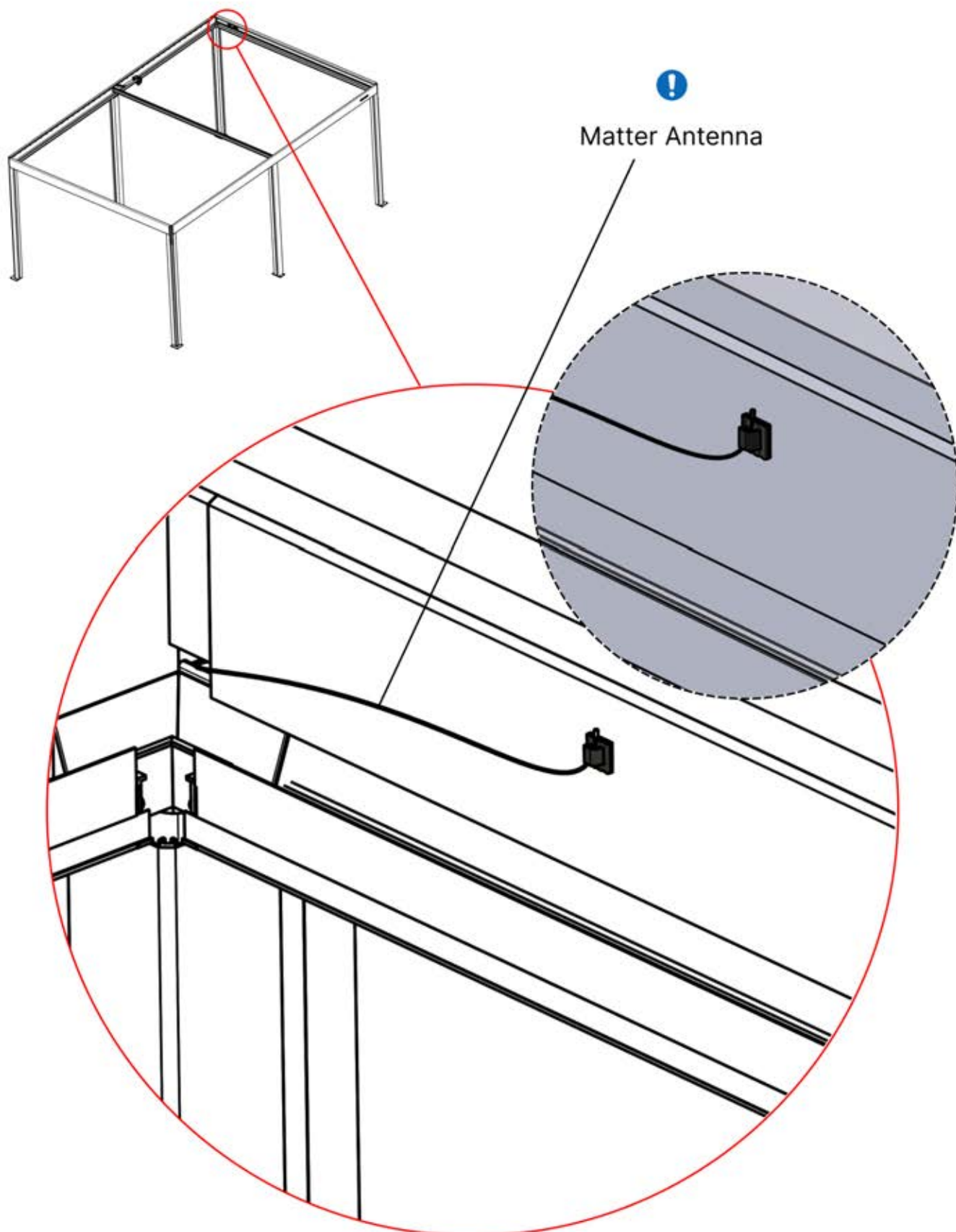
29



Matter Antenna Clip
1x



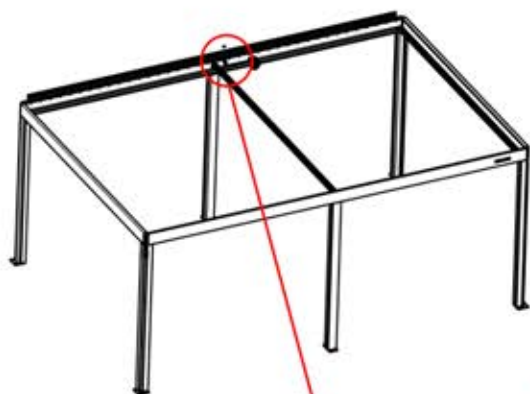
30



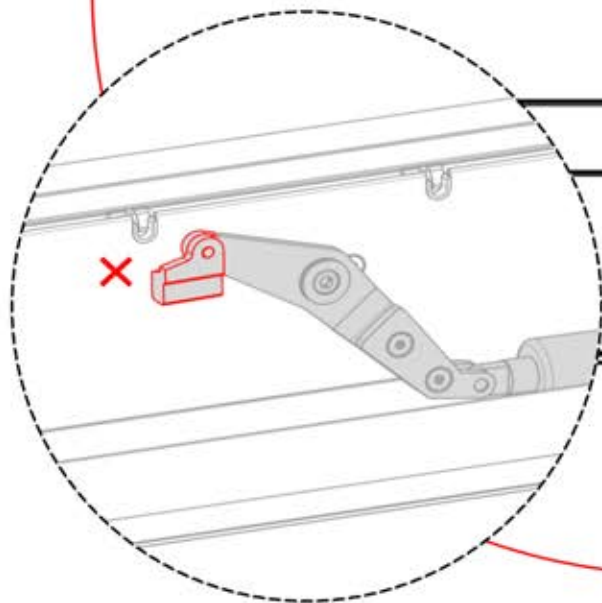
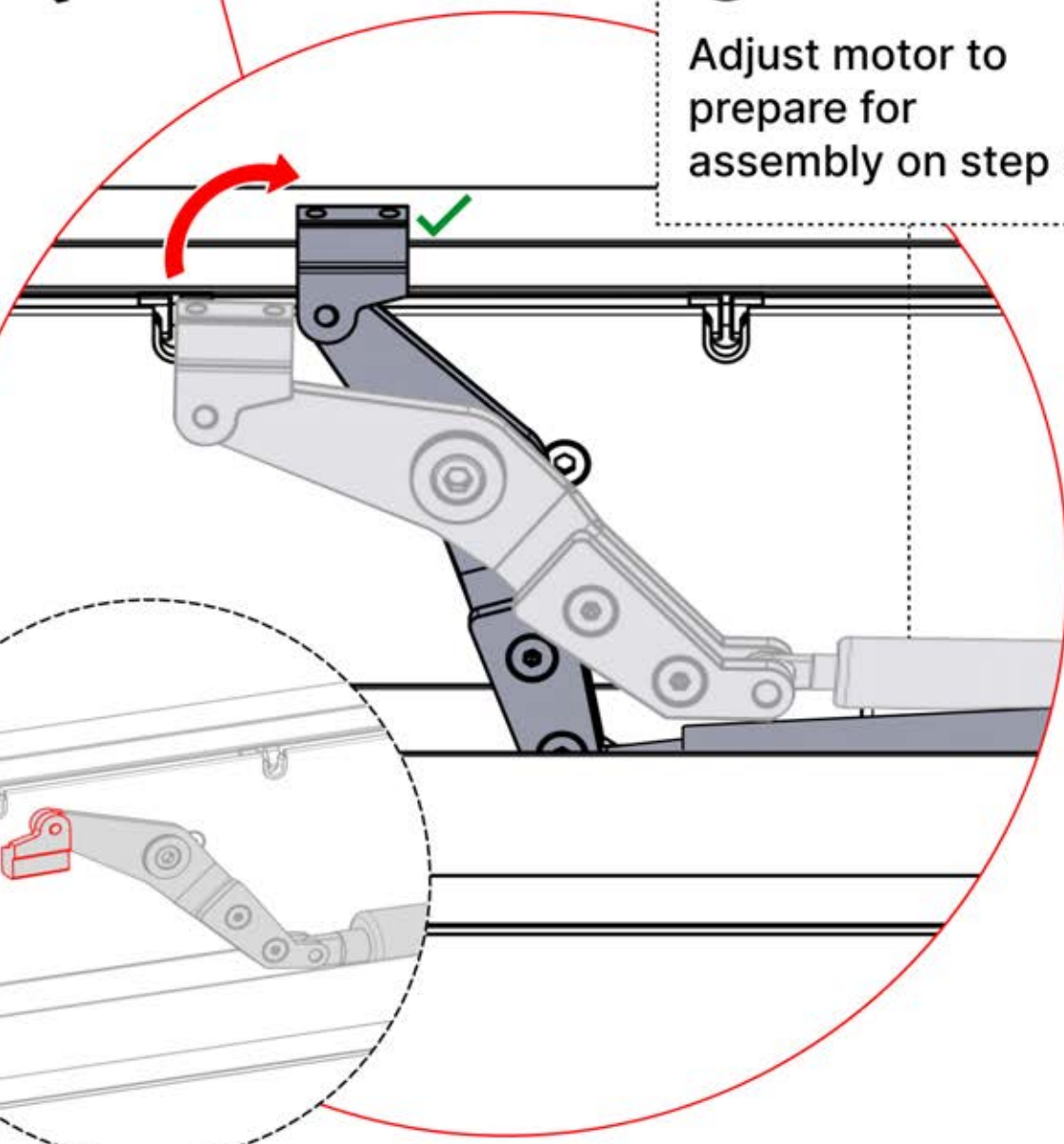
31



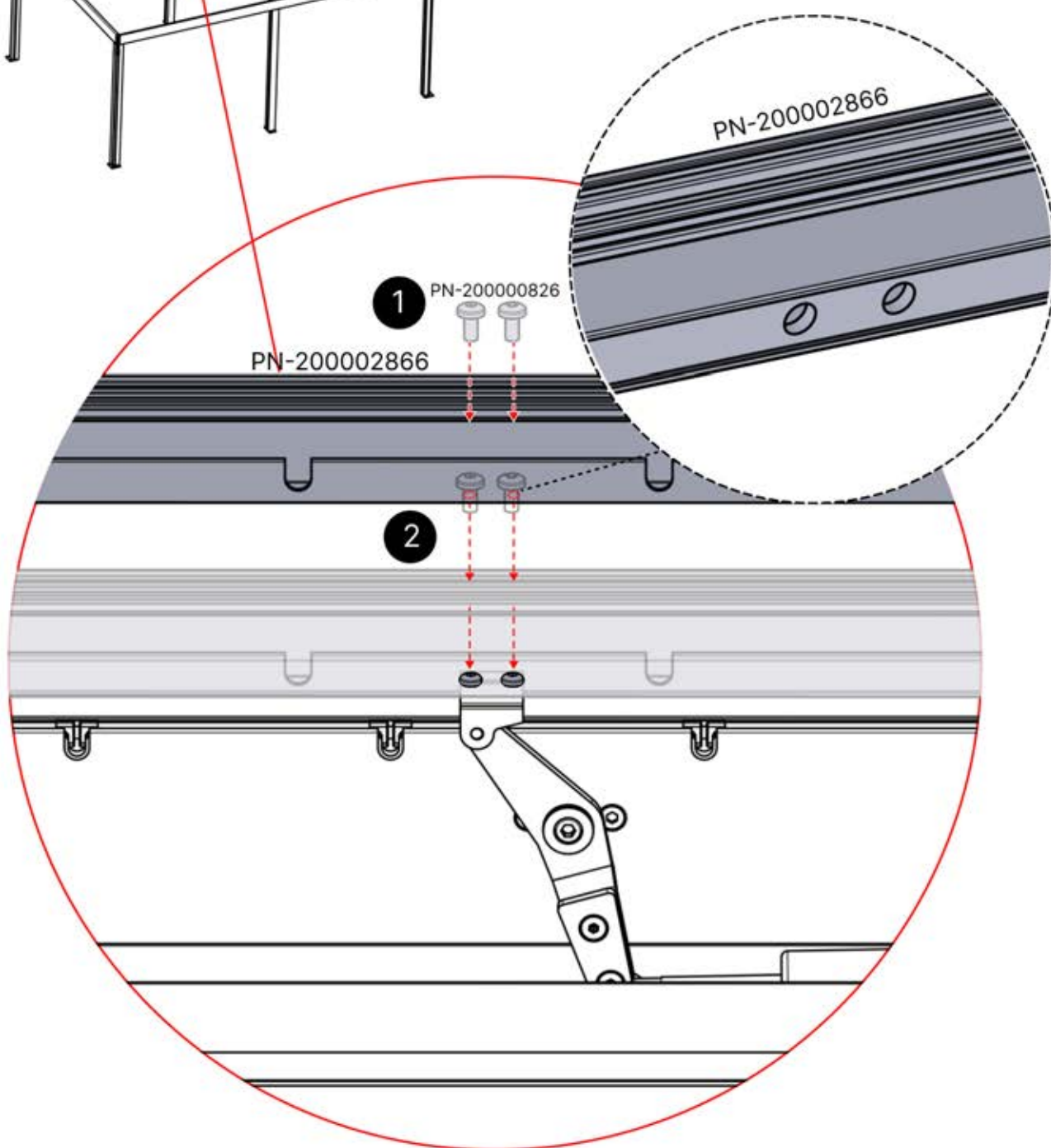
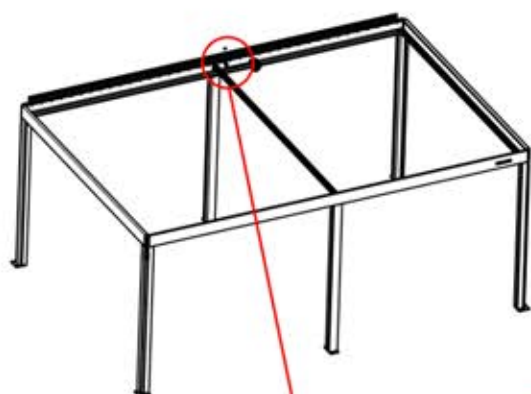
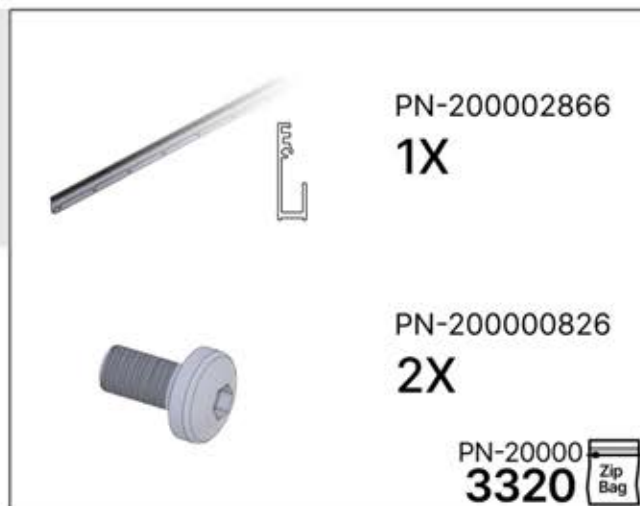
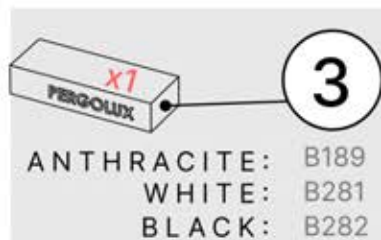
Hand Crank



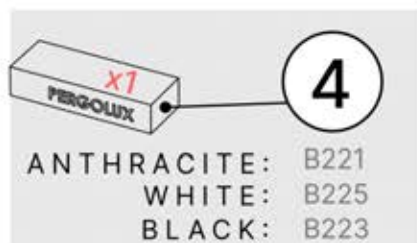
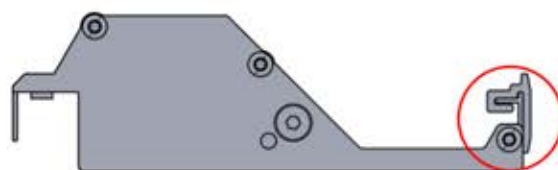
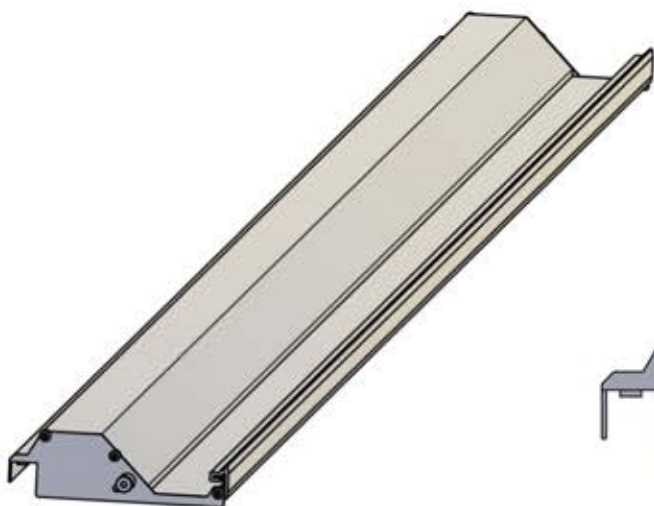
Adjust motor to
prepare for
assembly on step 32



32

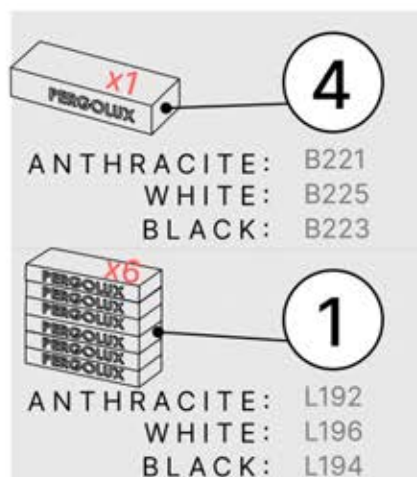
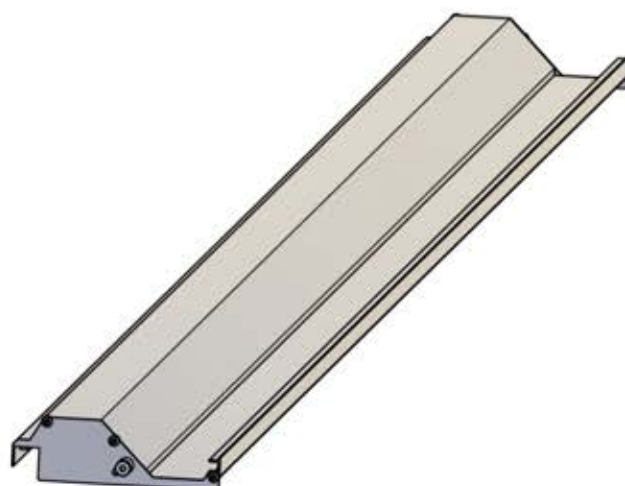
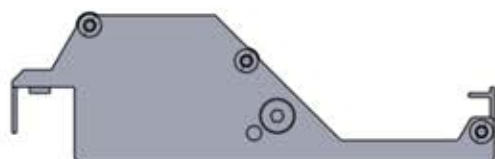


PERGOLA LOUVERS



PERGOLA 4M FS END LOUVER
PN-200003003

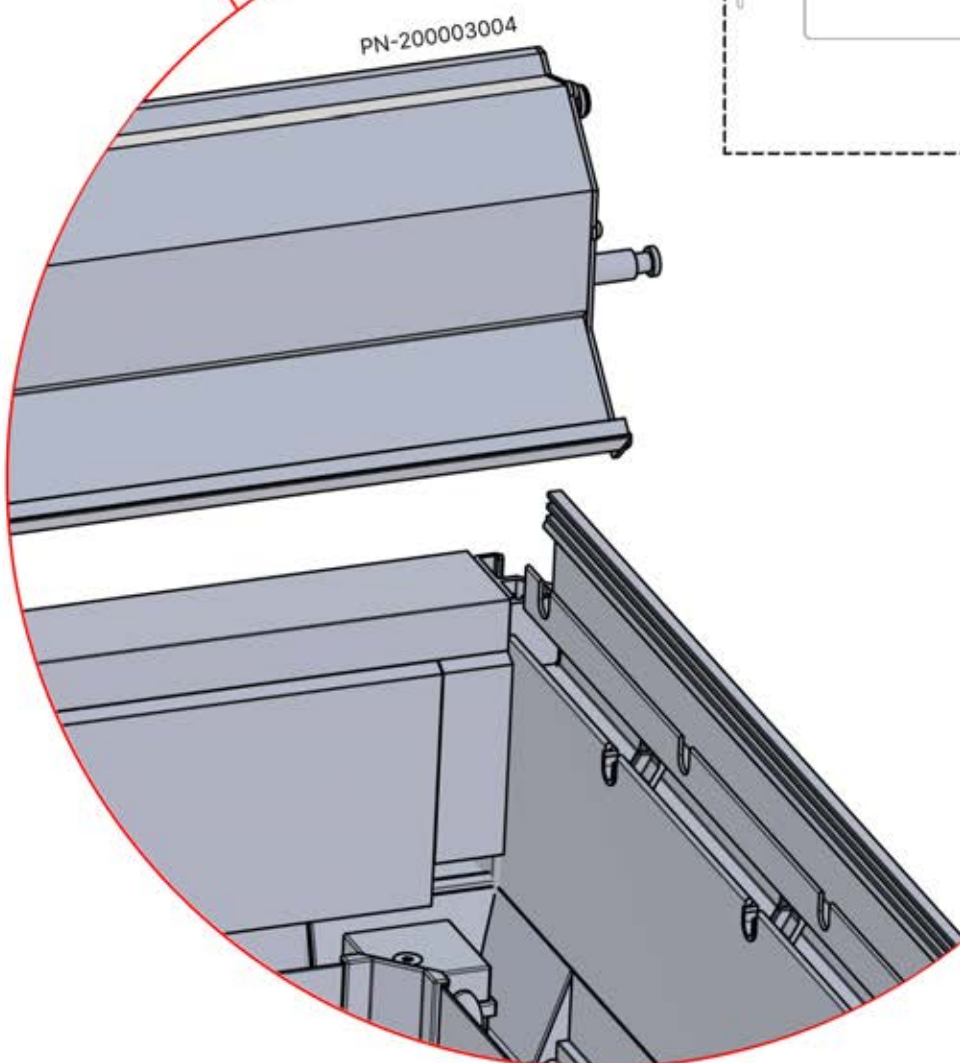
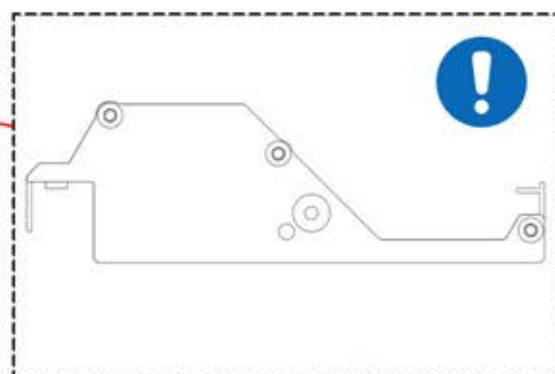
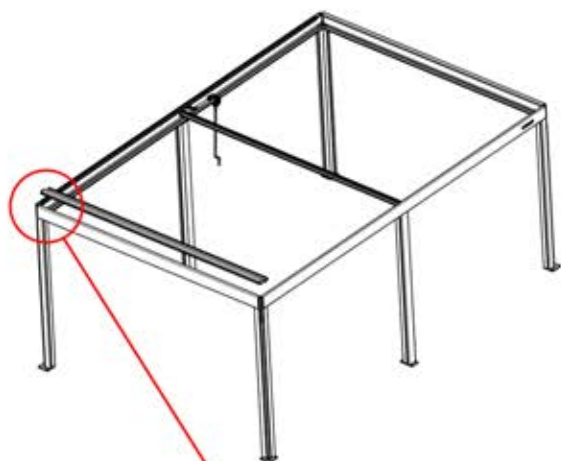
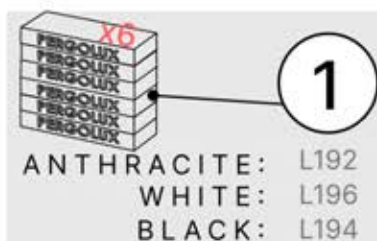
1x



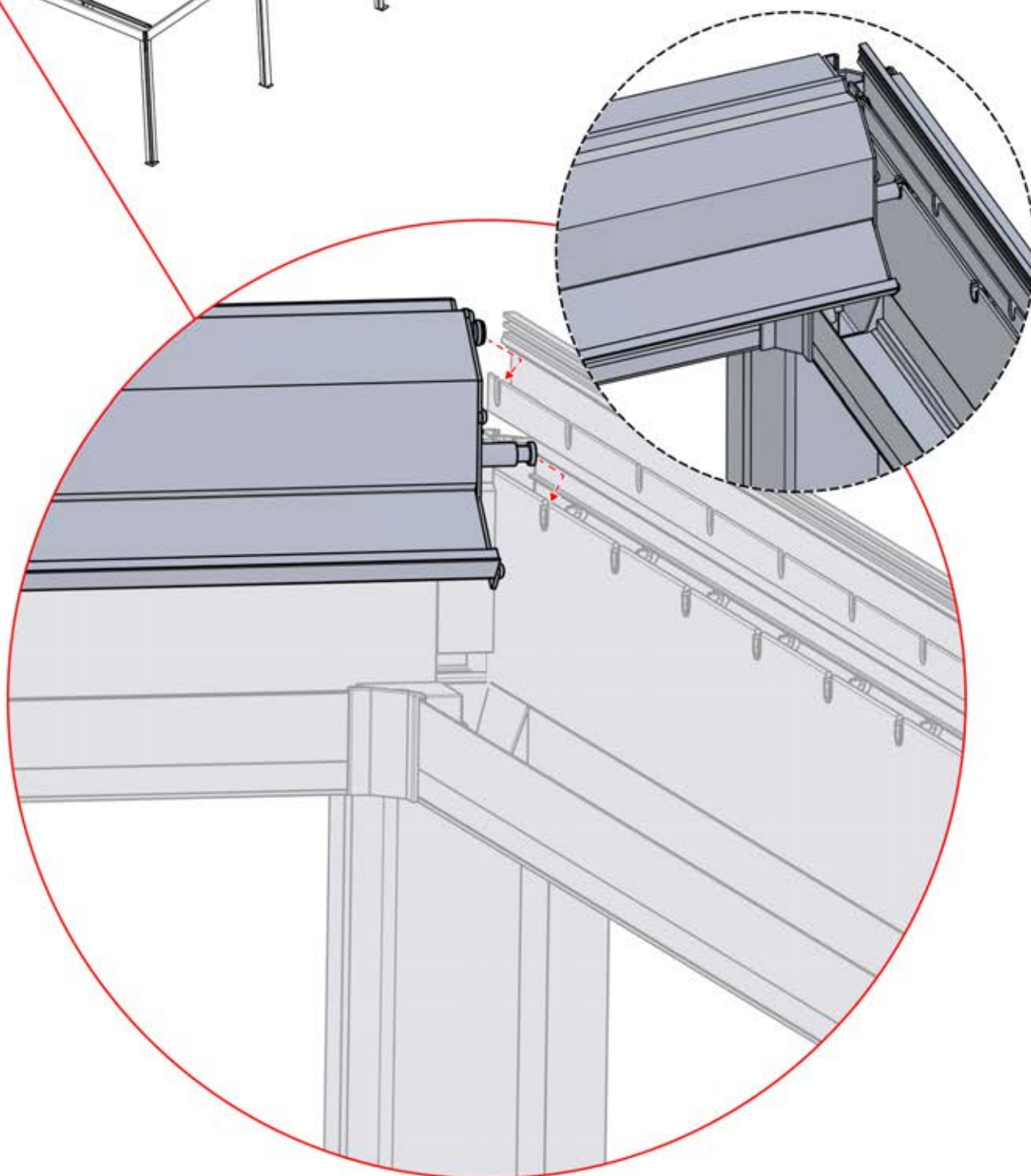
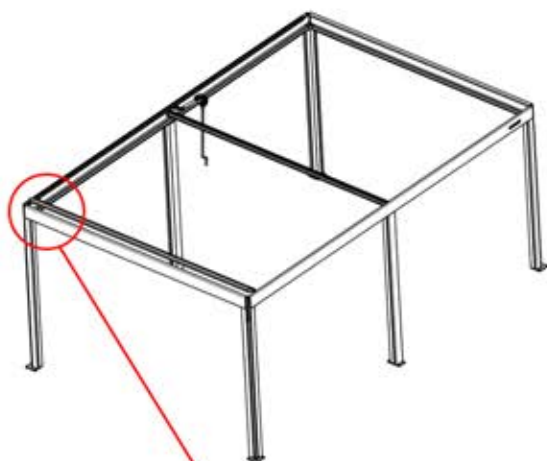
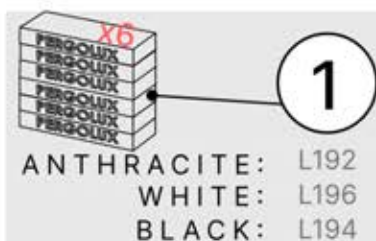
PERGOLA 4M FS LOUVER
PN-200003004

37x

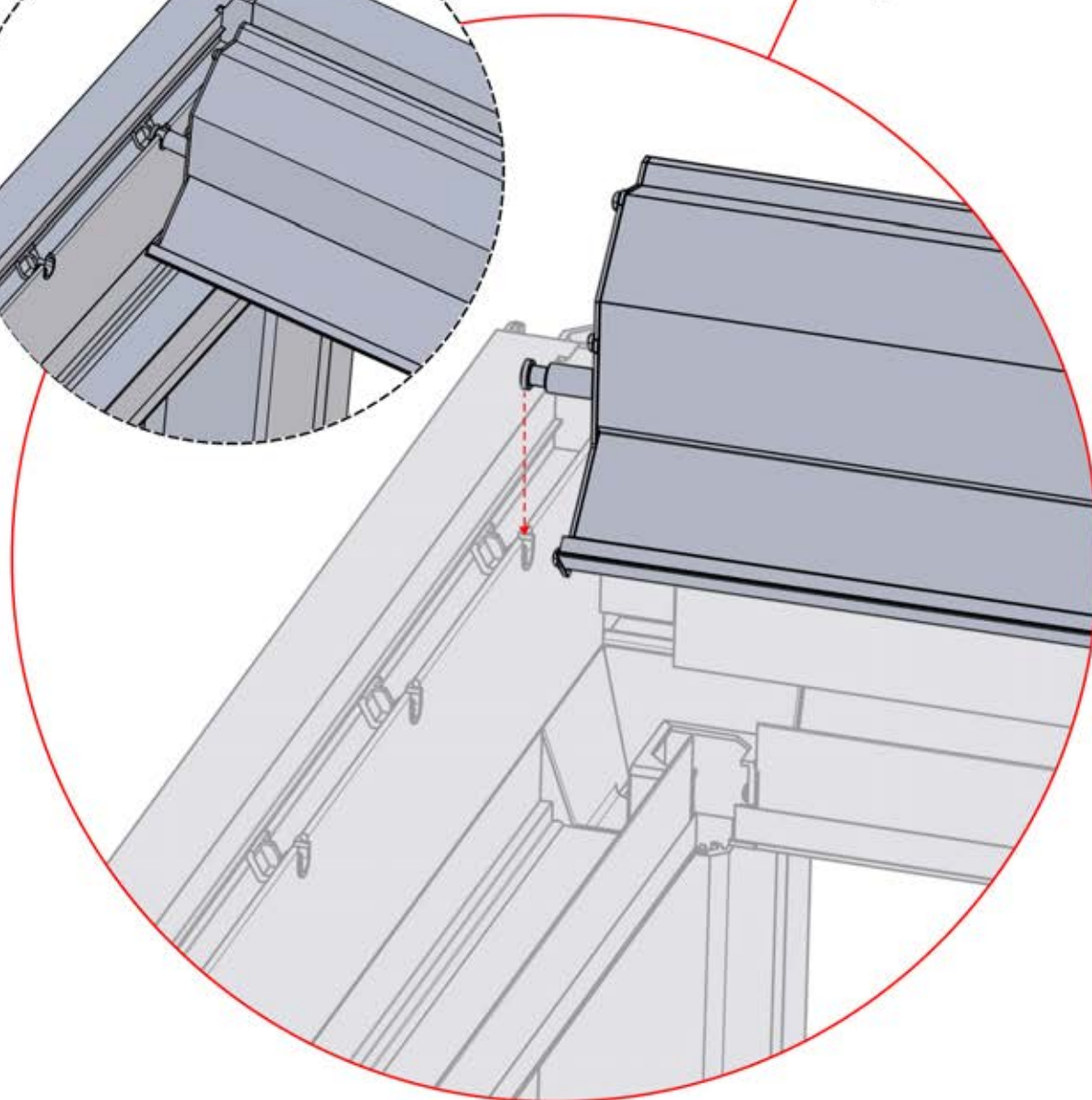
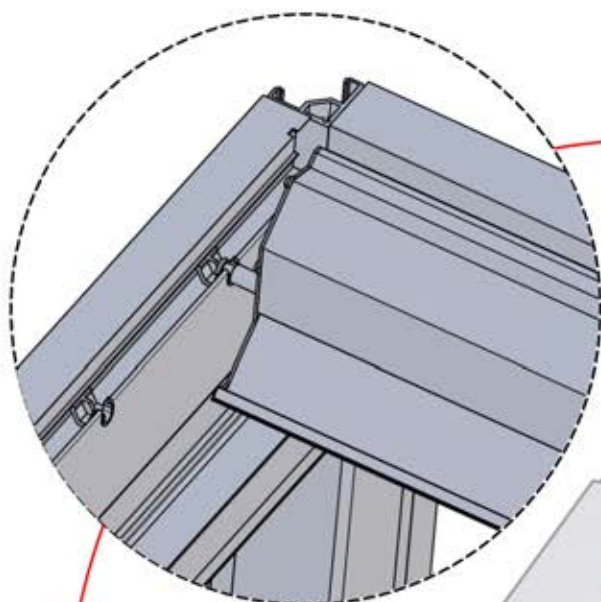
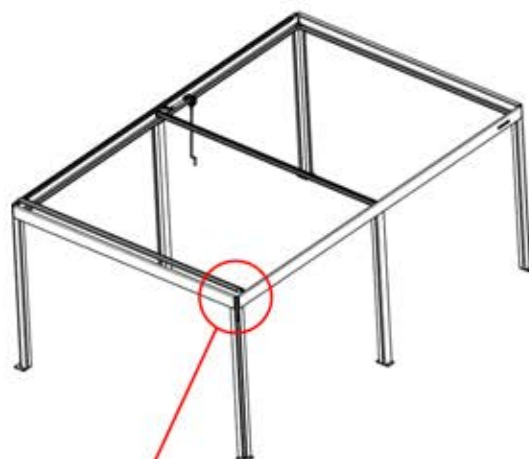
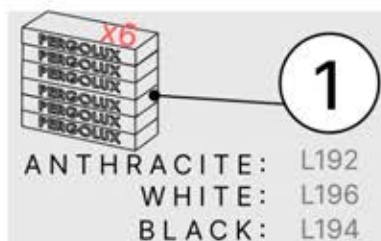
33



34



35



36



3

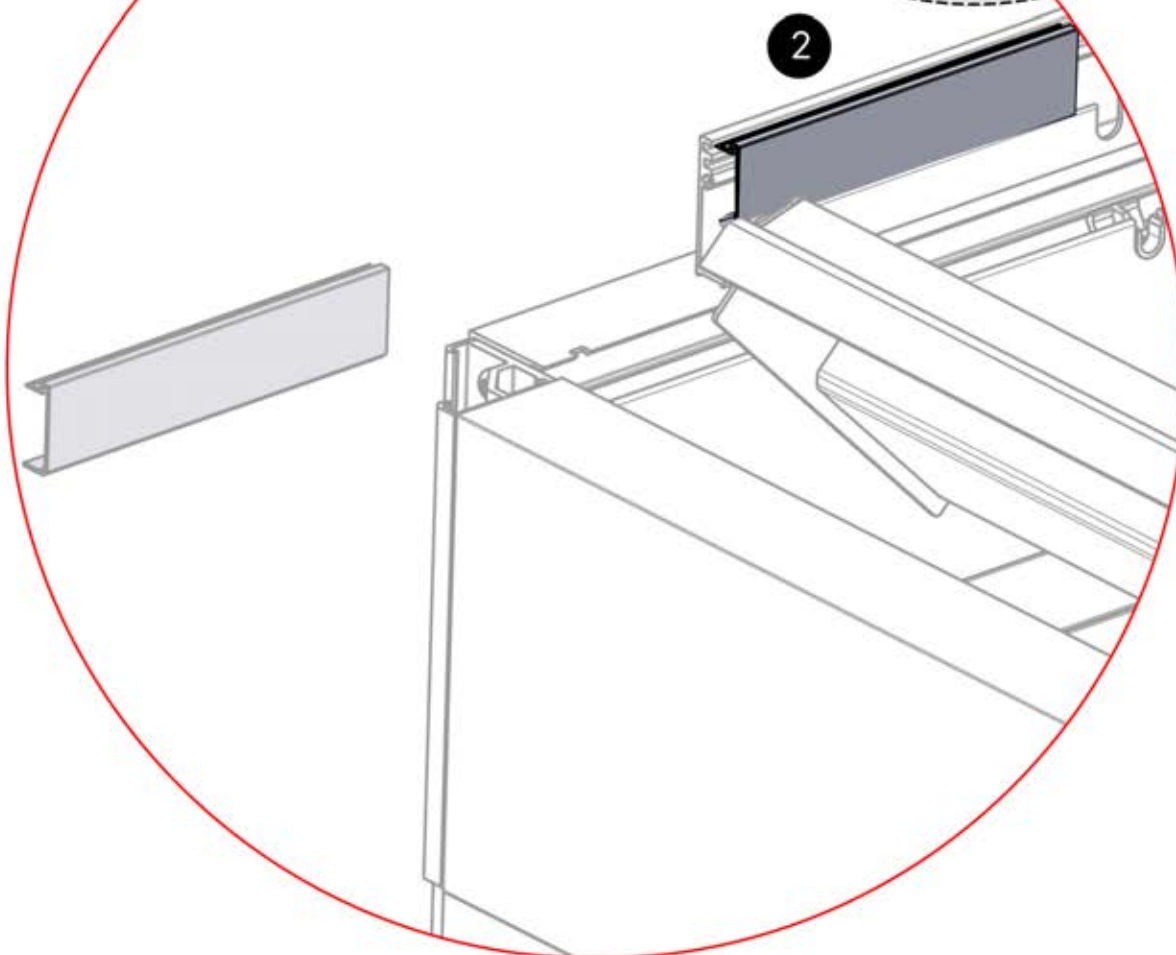
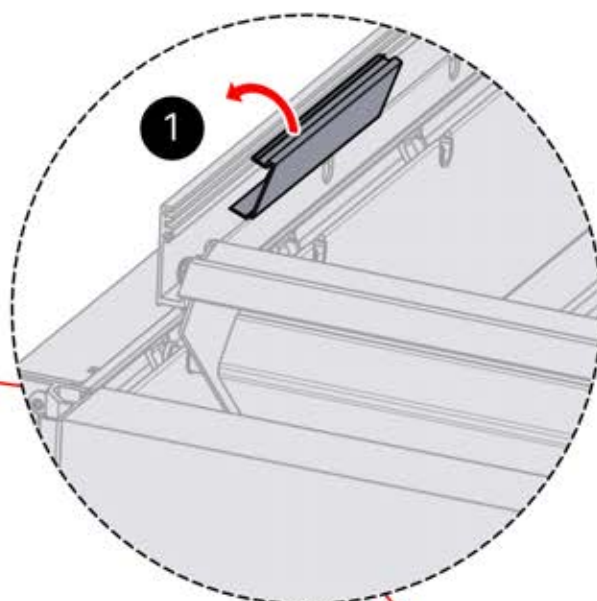
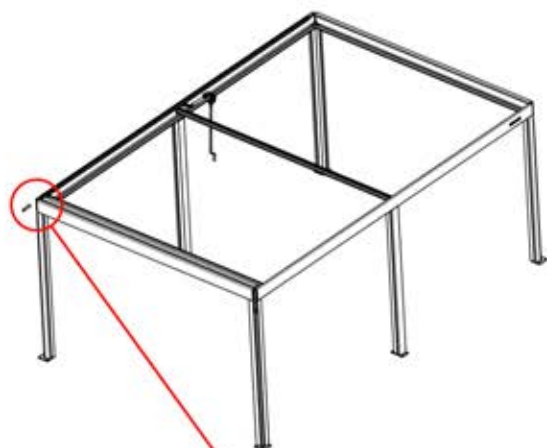
ANTHRACITE: B189
WHITE: B281
BLACK: B282



PN-200003033

1x

PN-20000
3278

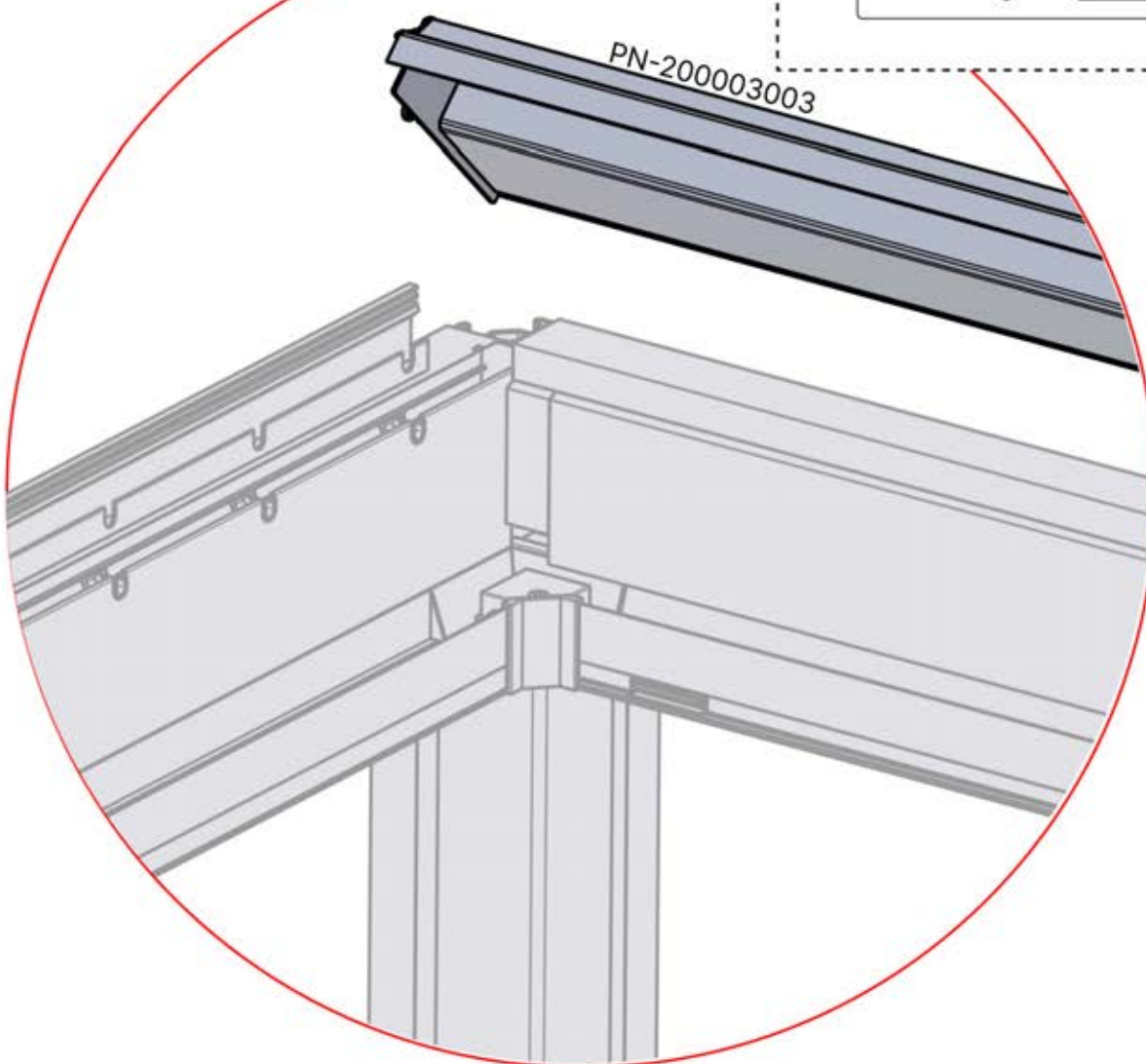
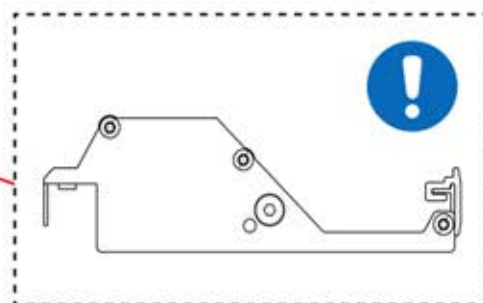
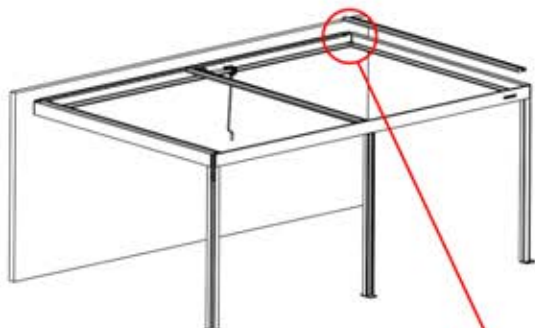


37

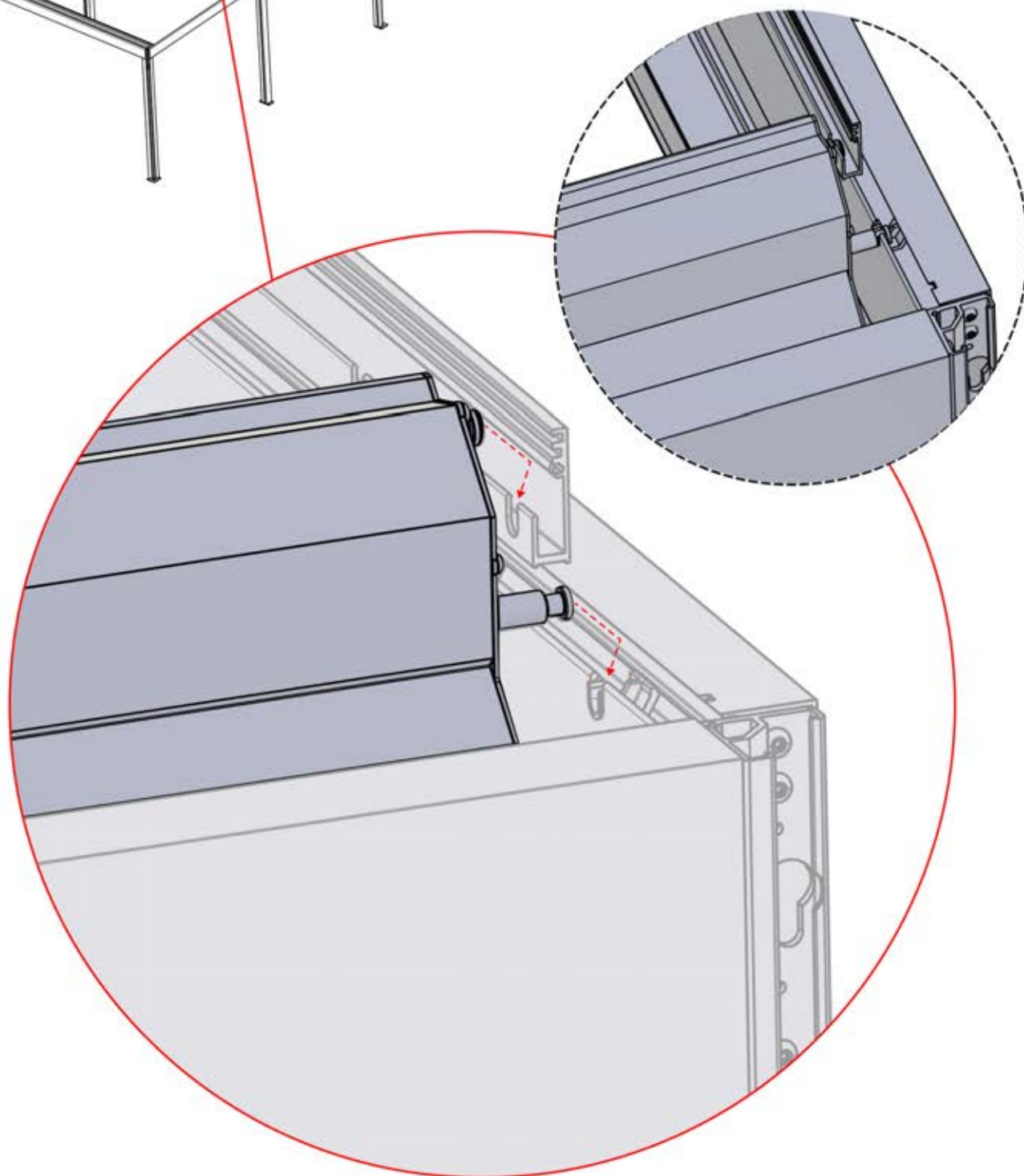
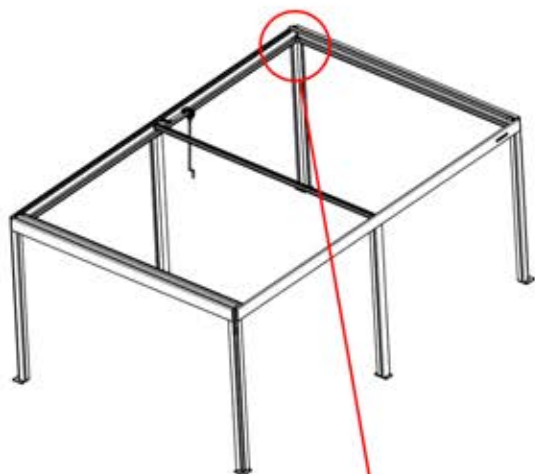
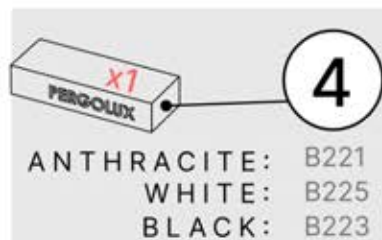


4

ANTHRACITE: B221
WHITE: B225
BLACK: B223



38



39



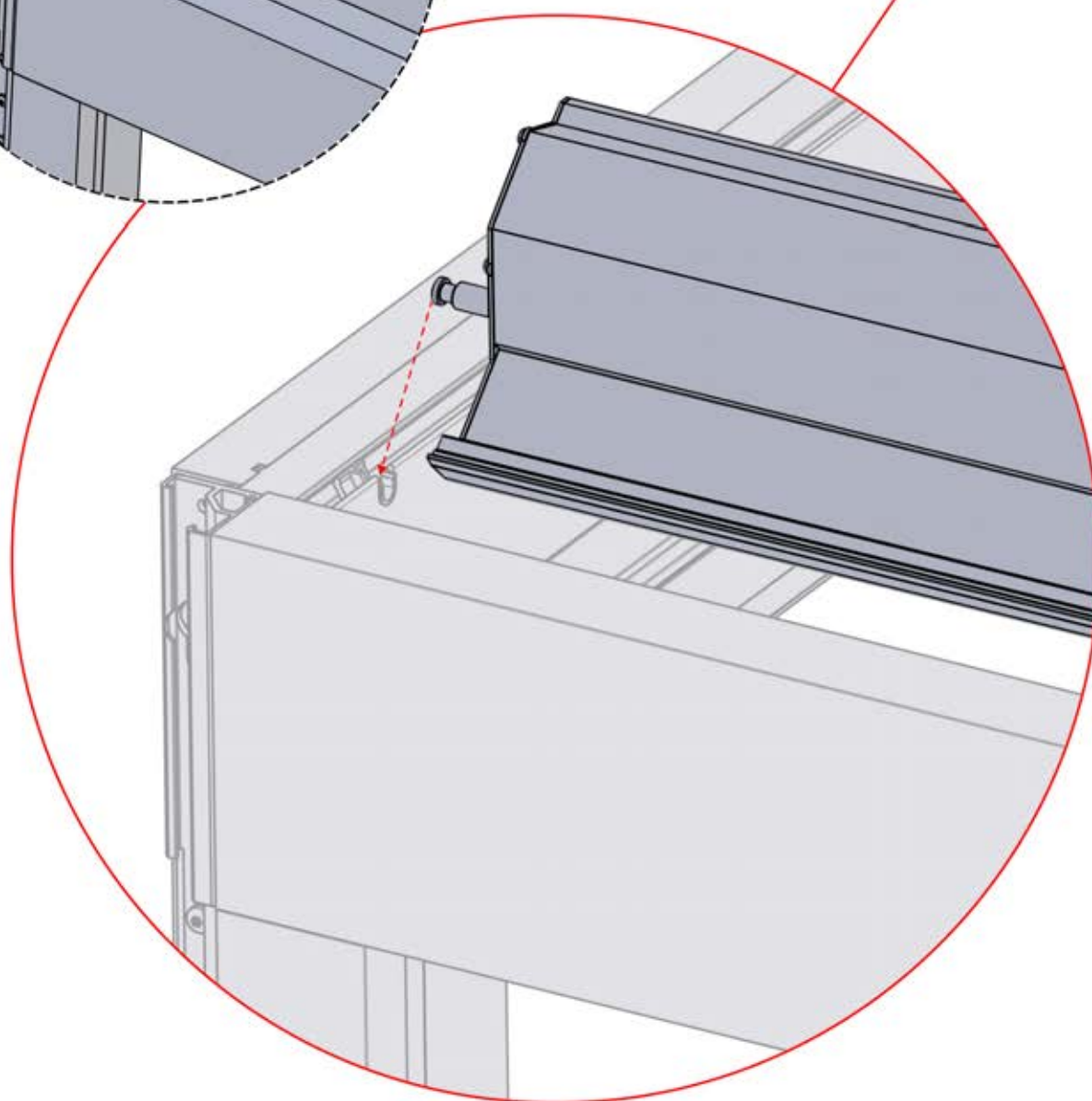
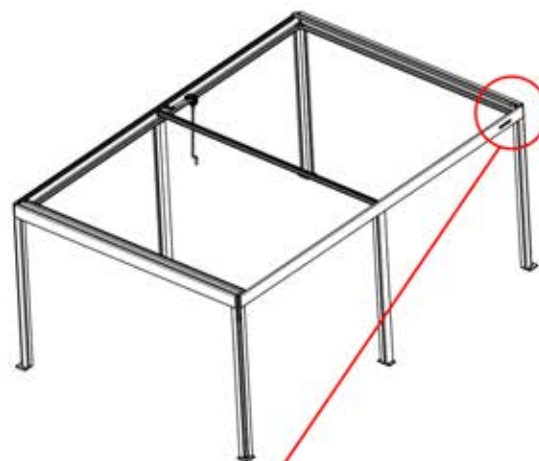
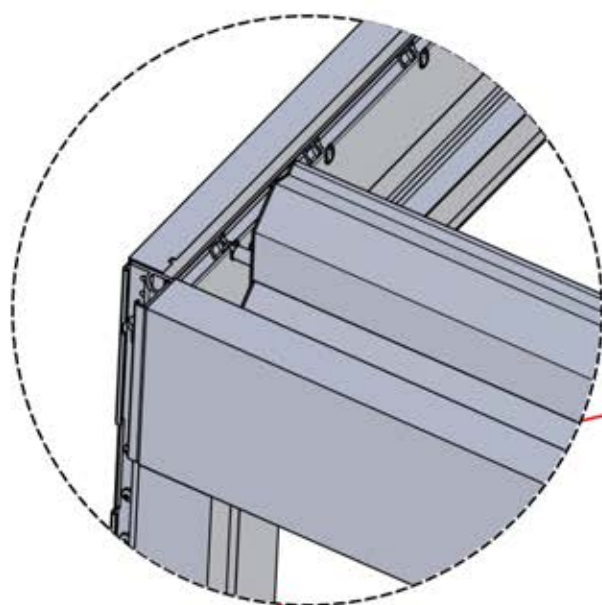
4

ANTHRACITE: B221
WHITE: B225
BLACK: B223



PN-200003003

1x



40



3

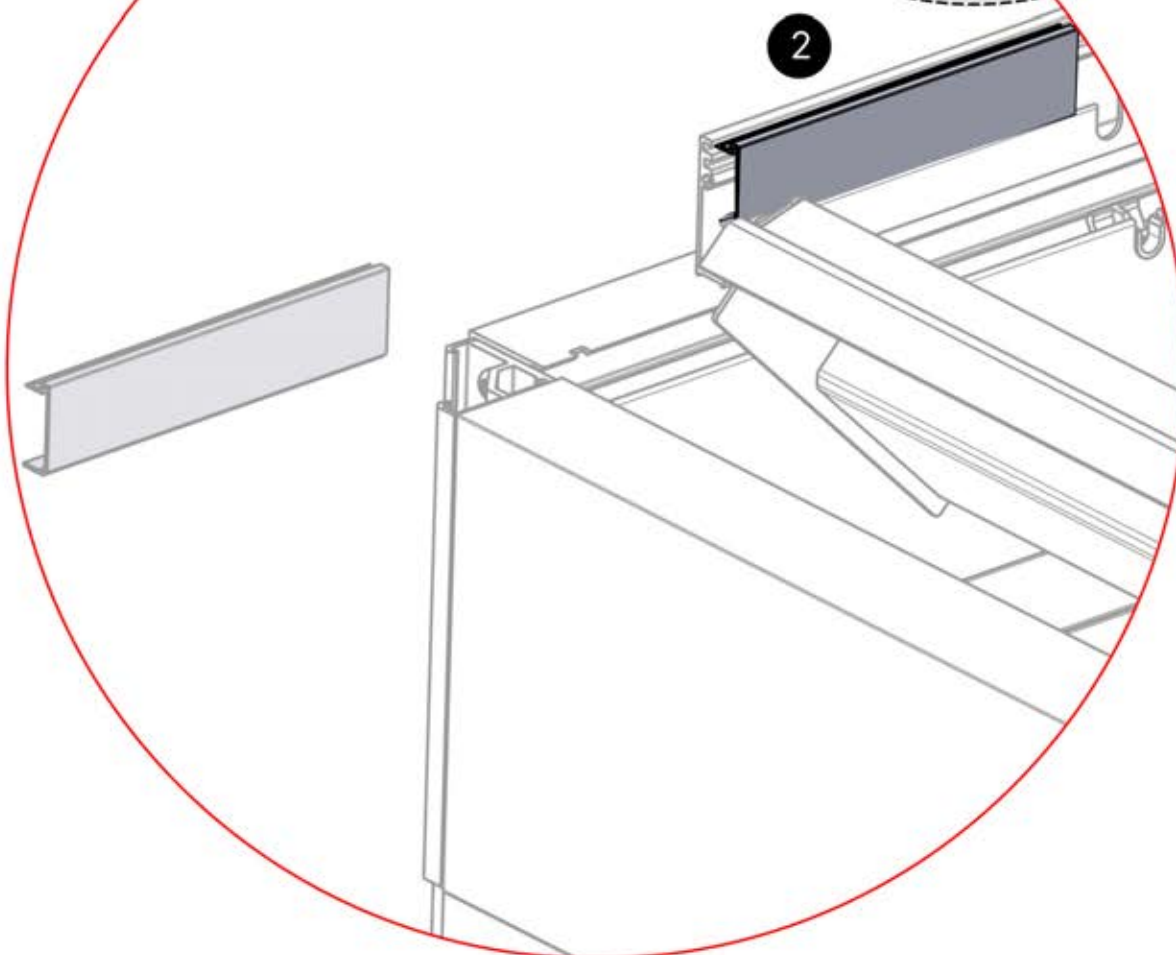
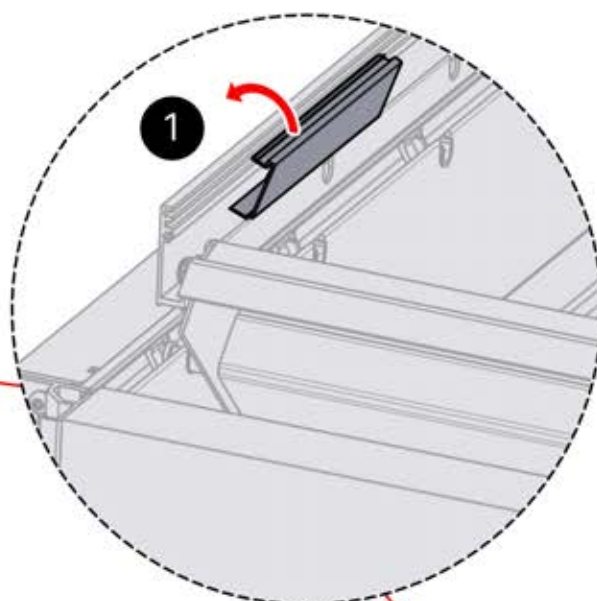
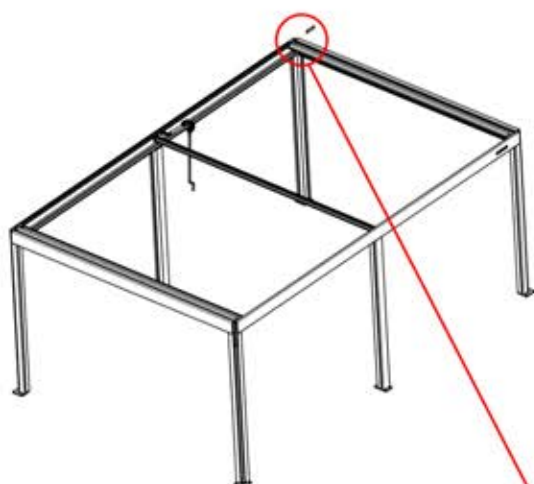
ANTHRACITE: B189
WHITE: B281
BLACK: B282



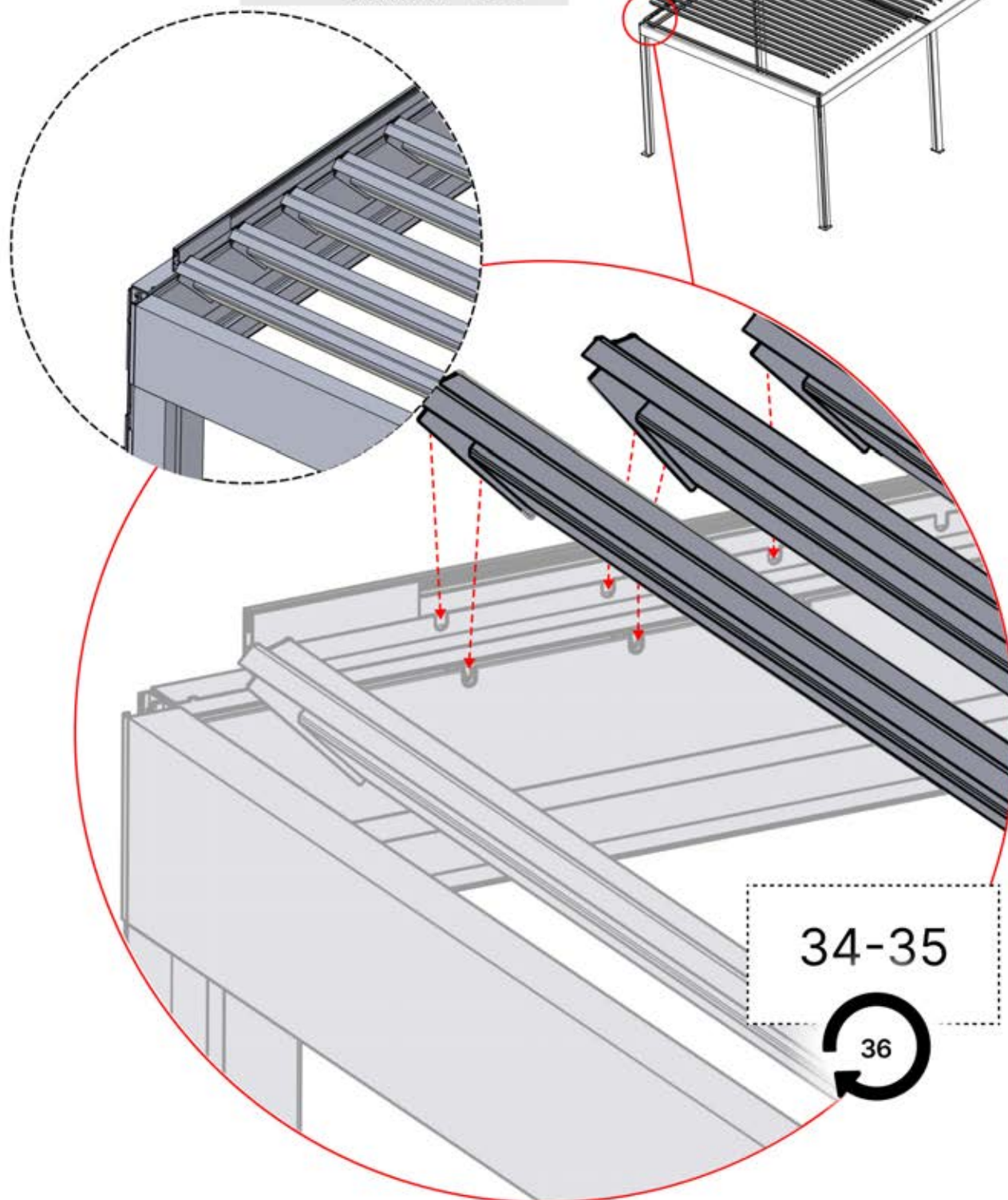
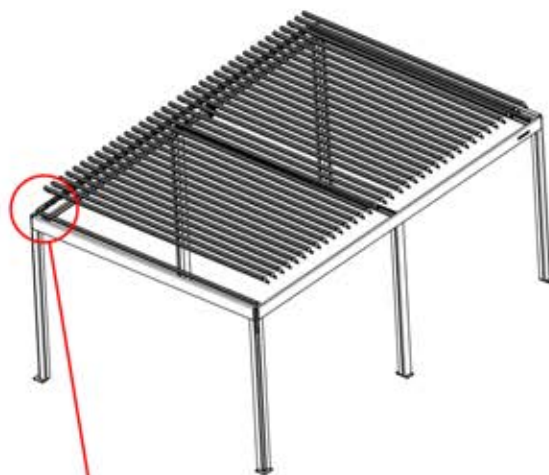
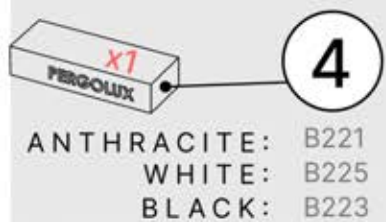
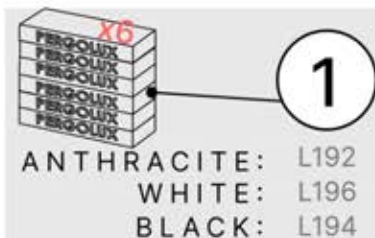
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1x

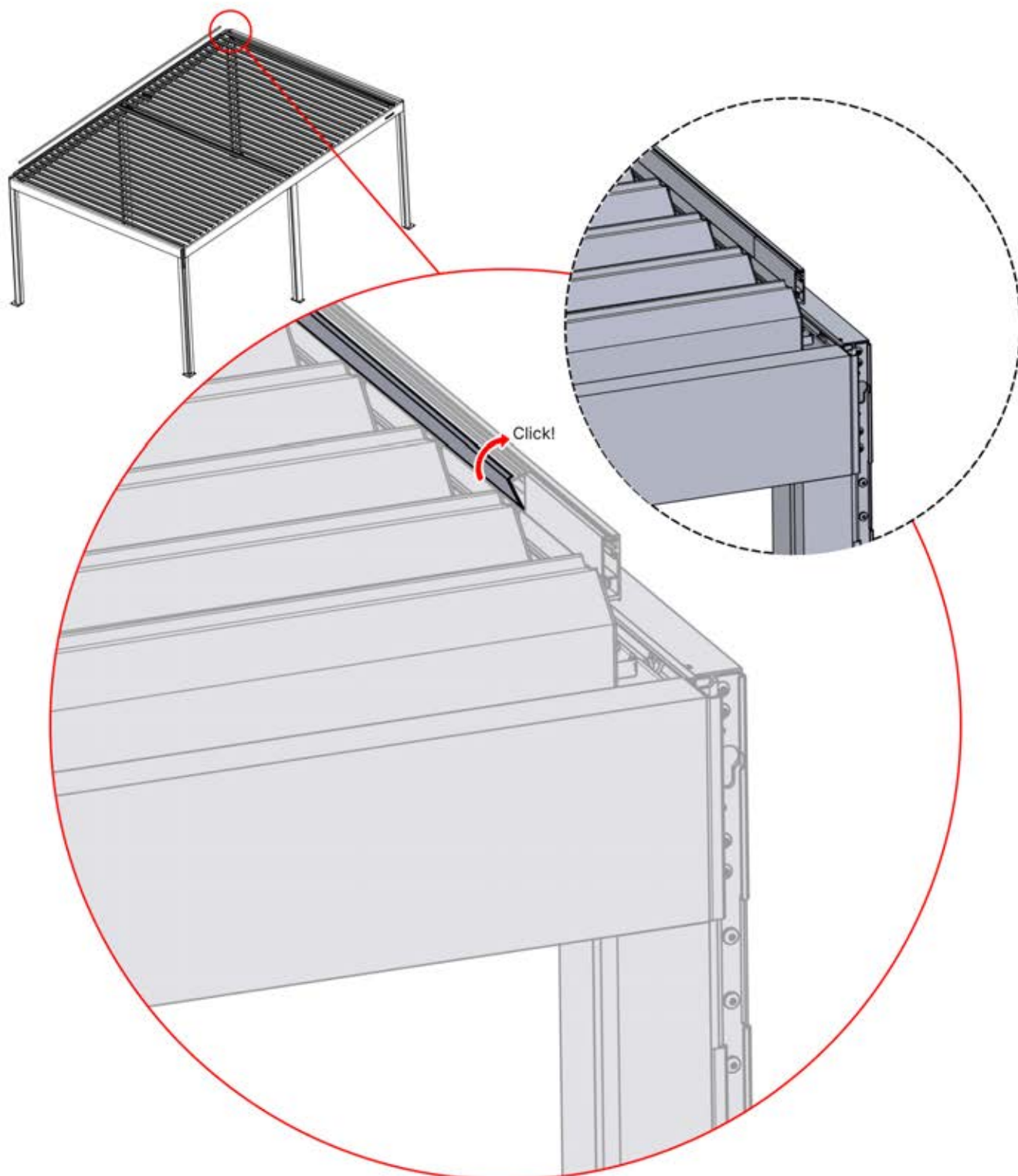
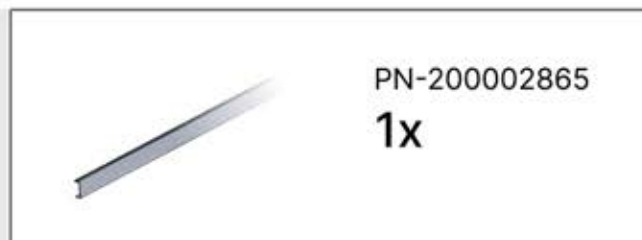
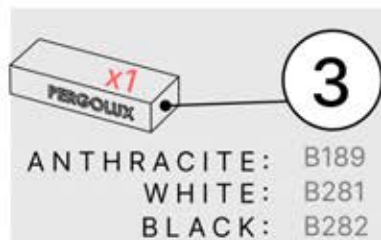
PN-20000
3278



41



42



43



x1

3

ANTHRACITE:

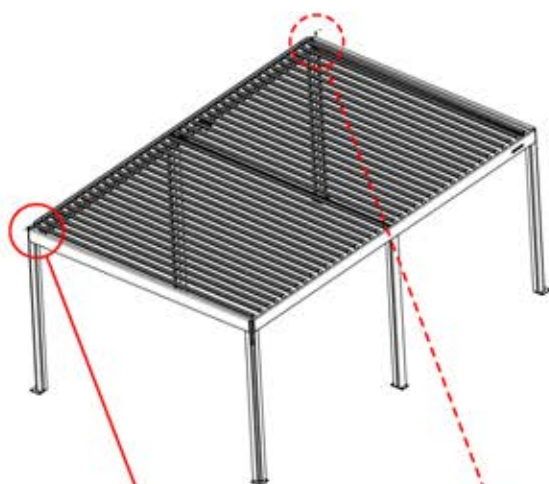
WHITE:

BLACK:

B189

B281

B282





PN-200003030

1x



PN-200003031

1x



4.2x12

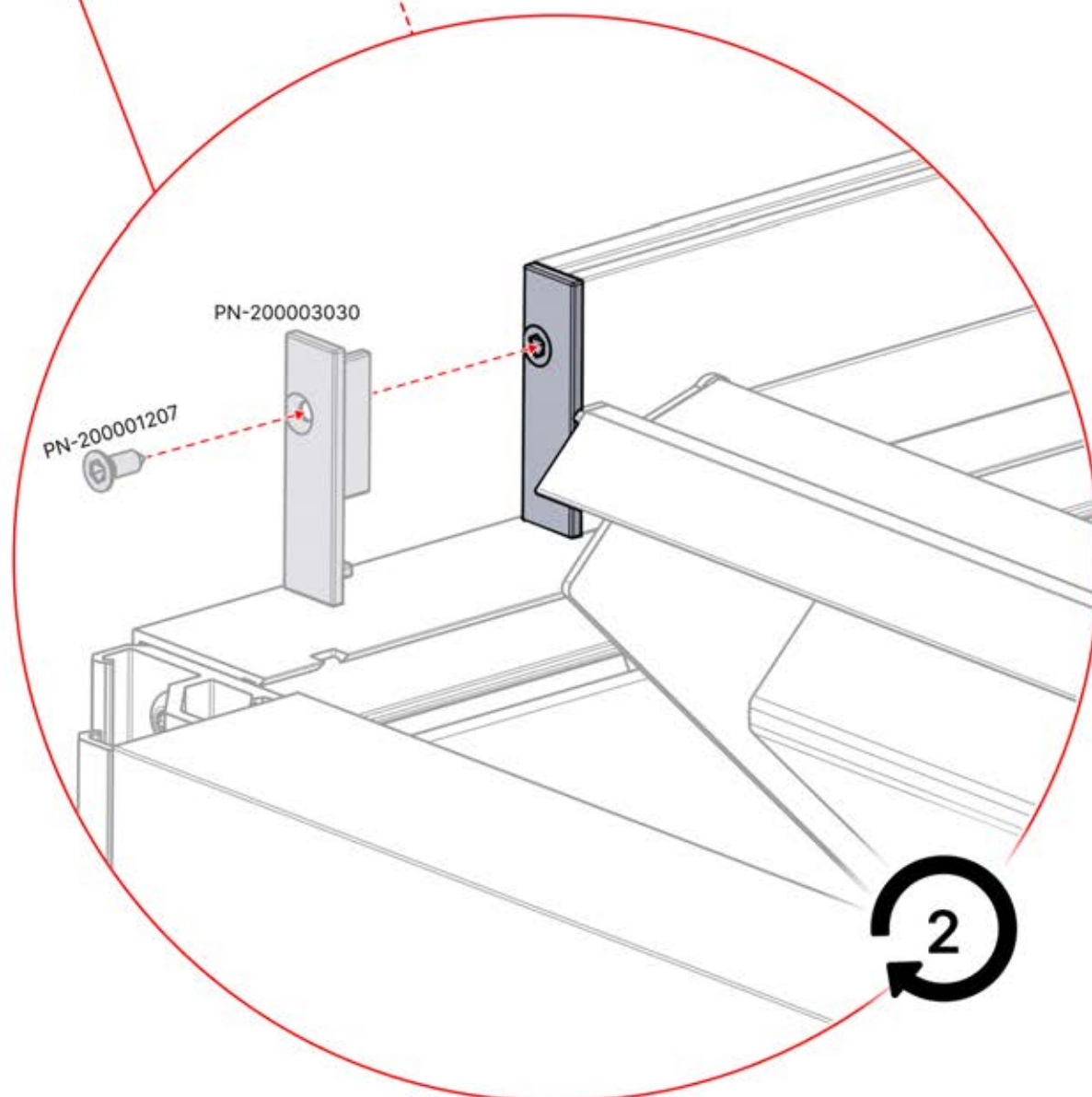
PN-200001207

2x

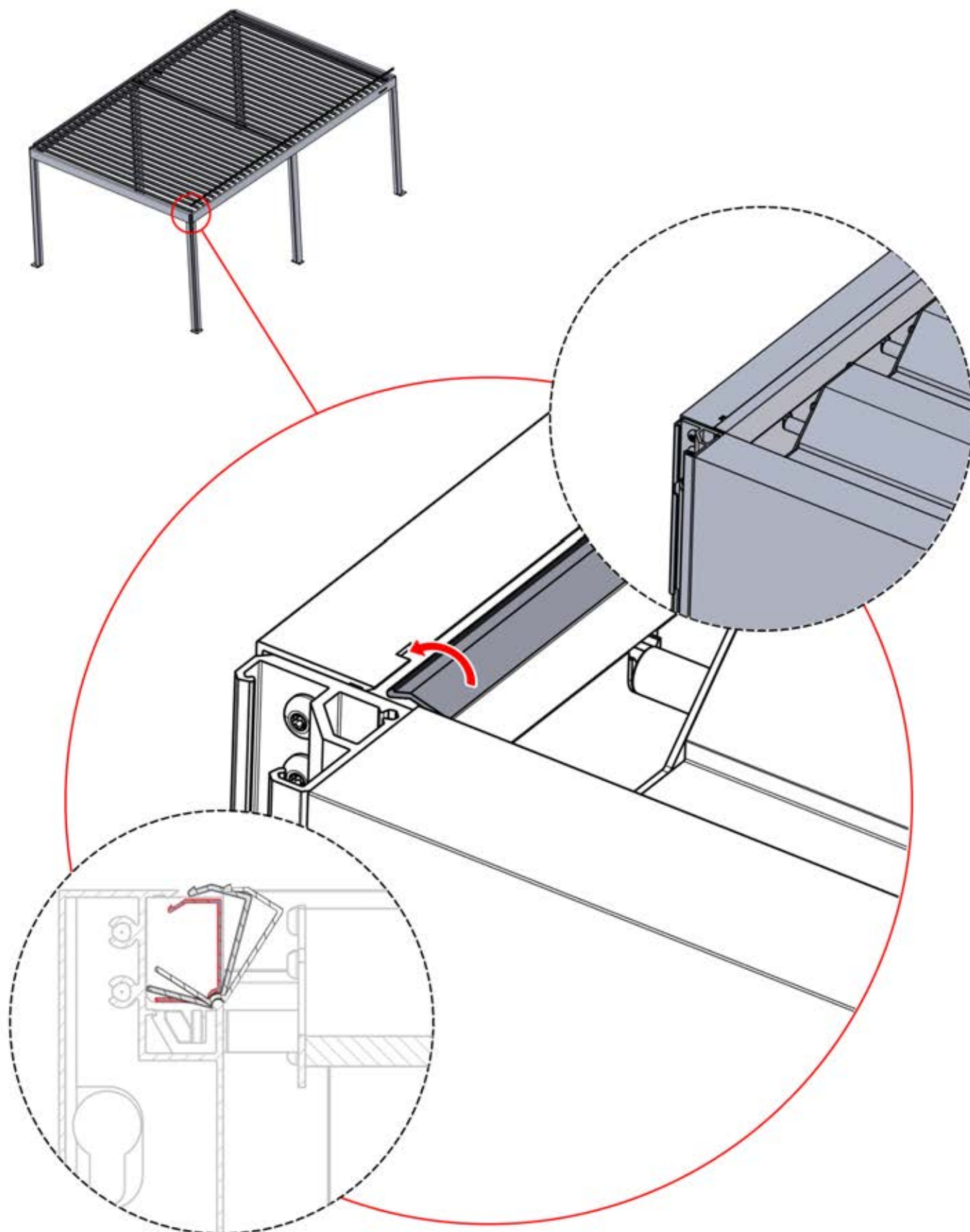
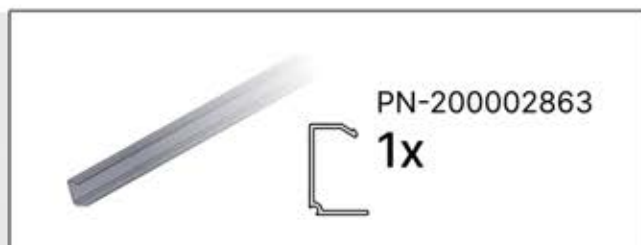
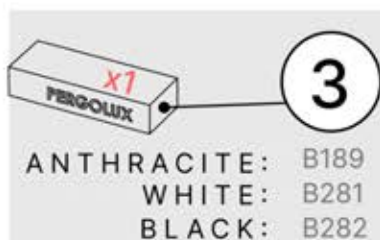
PN-20000

3278

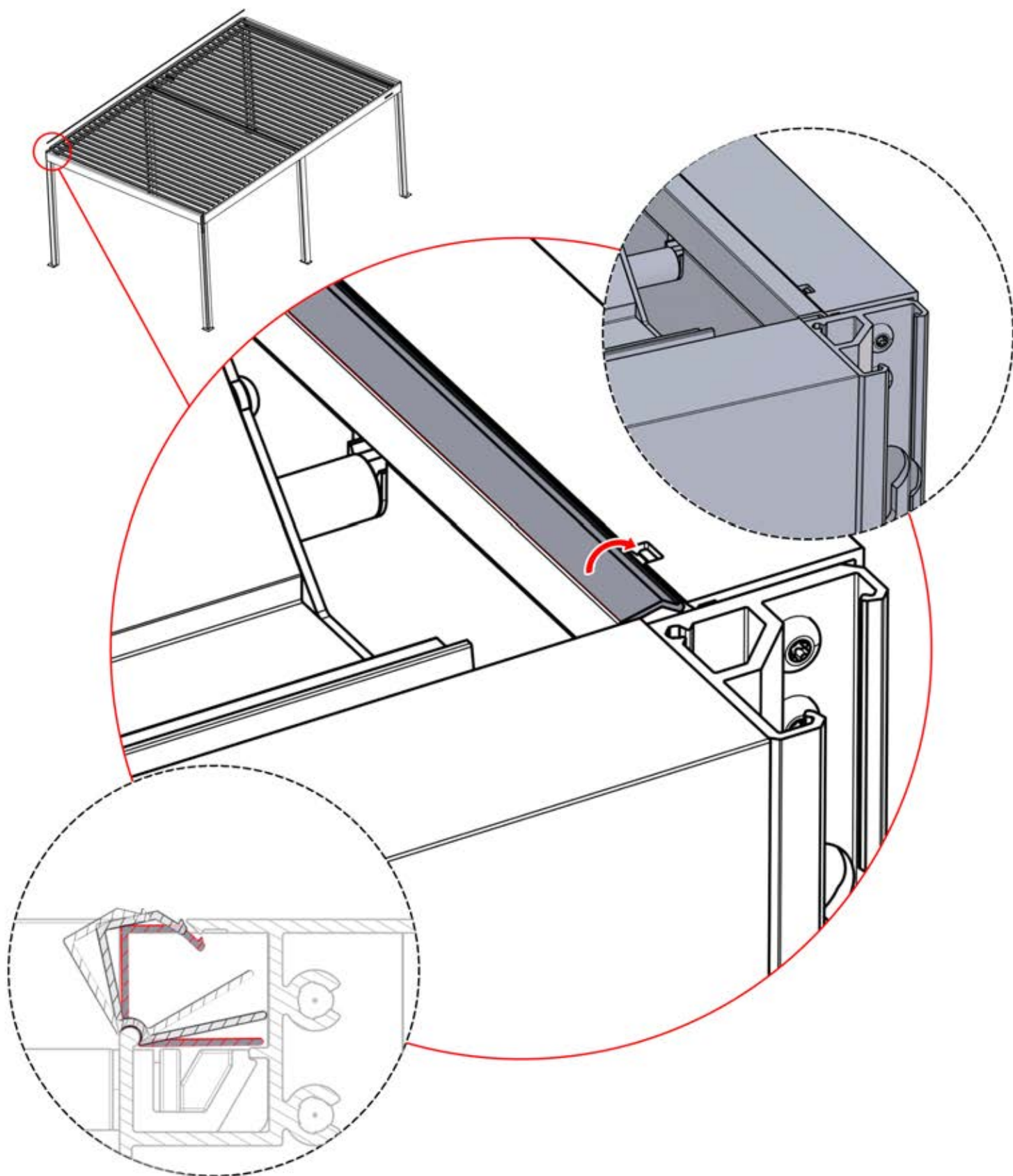
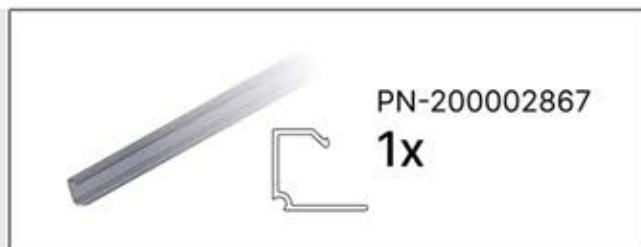
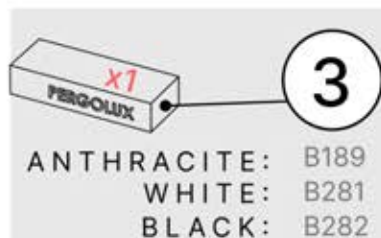
Zip Bag



44



45



46



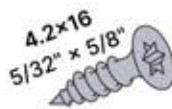
3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



PN-200001514

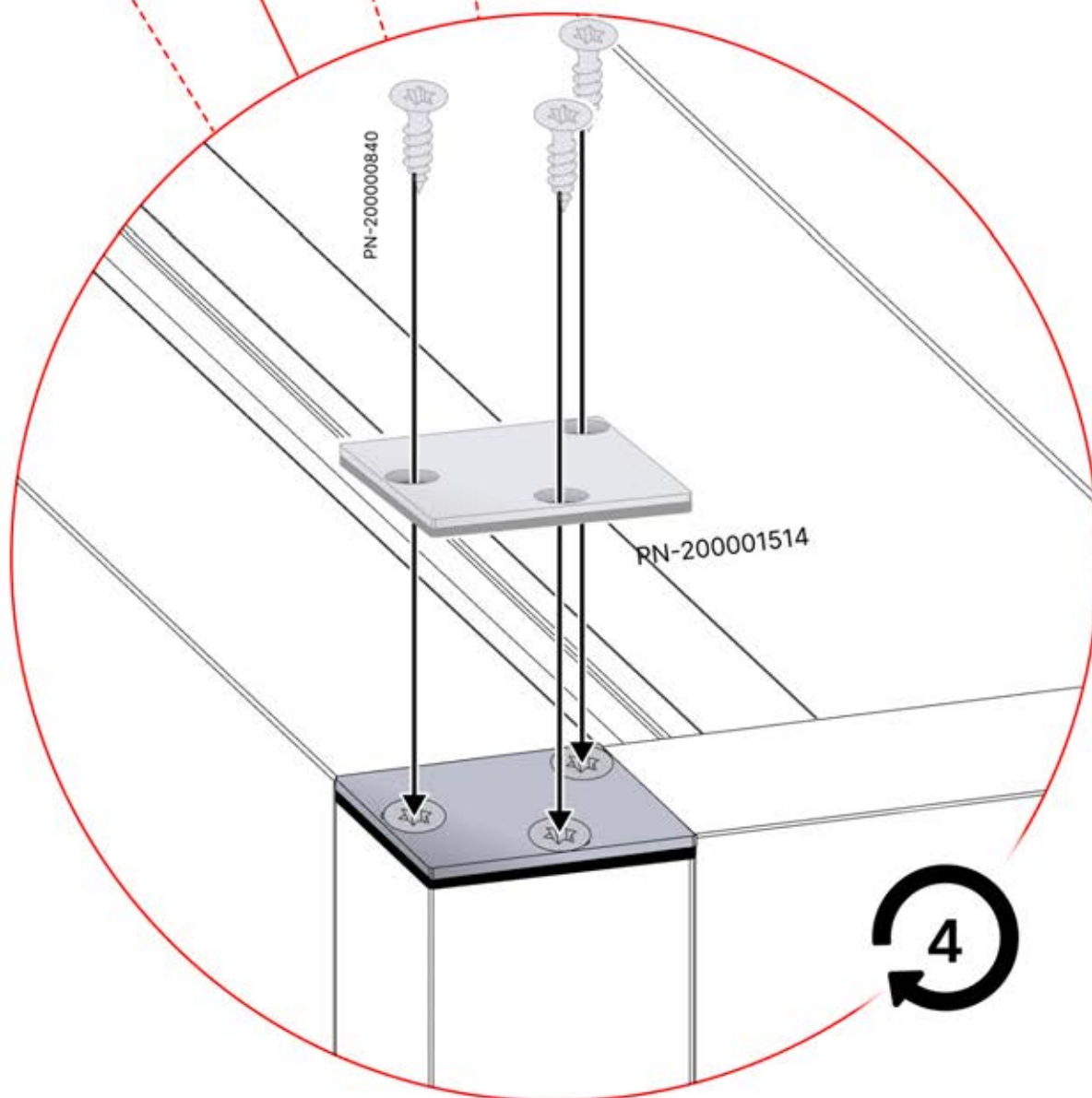
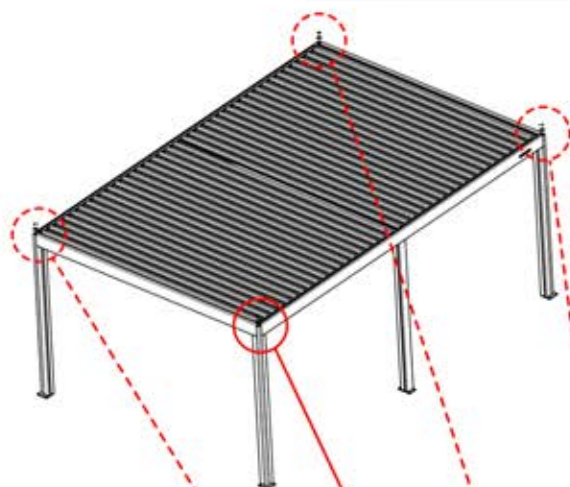
4x



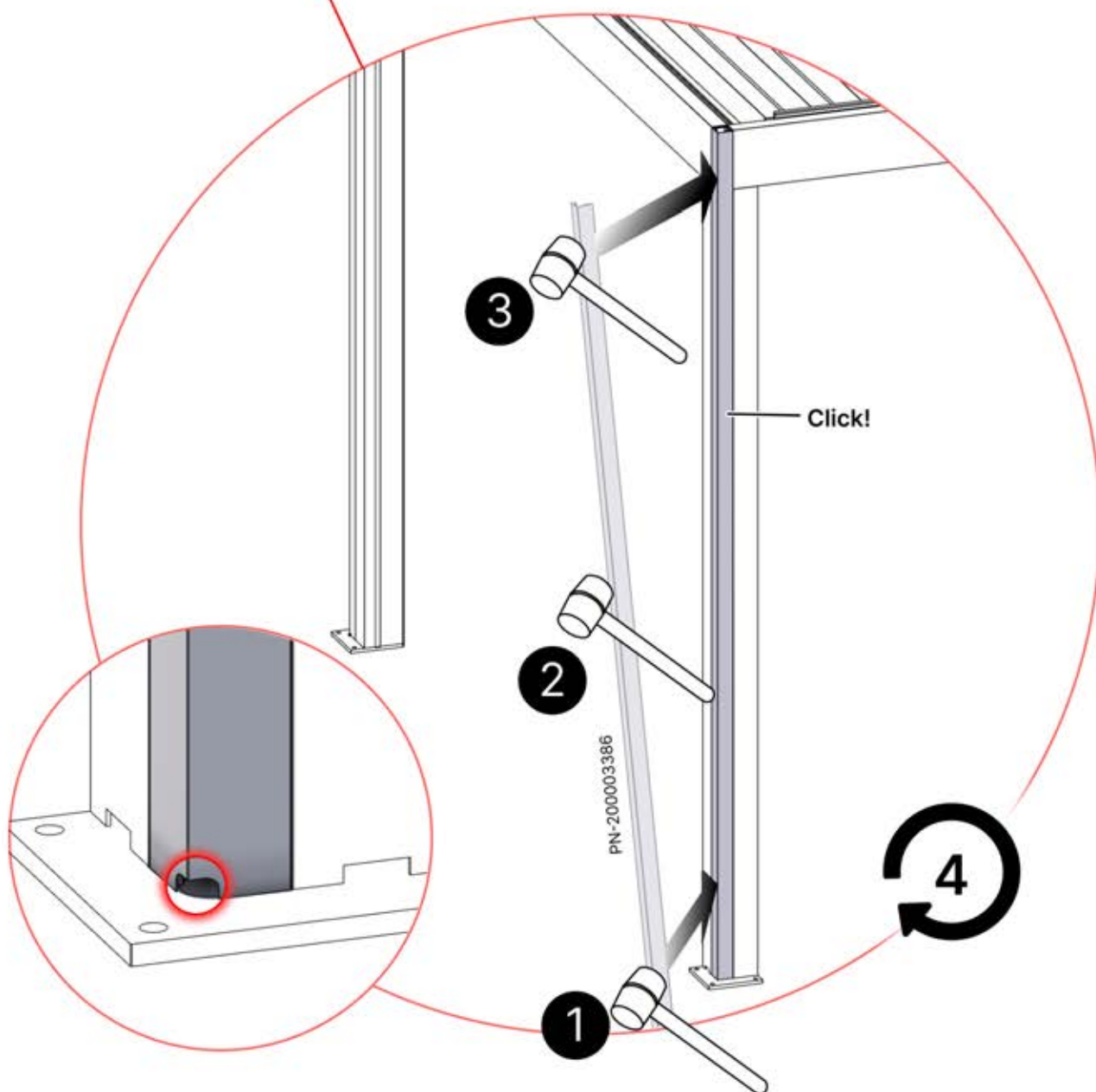
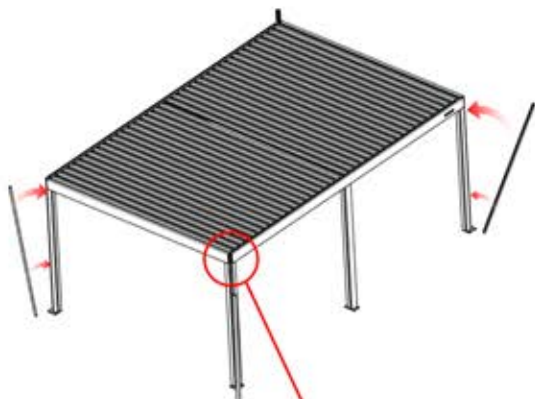
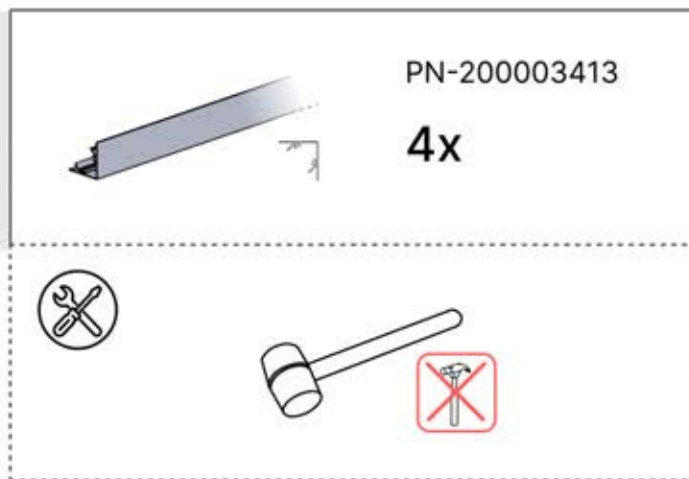
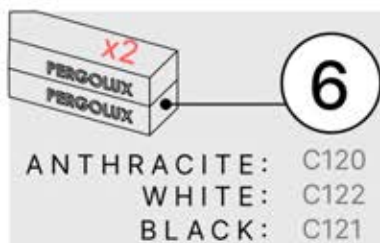
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12x

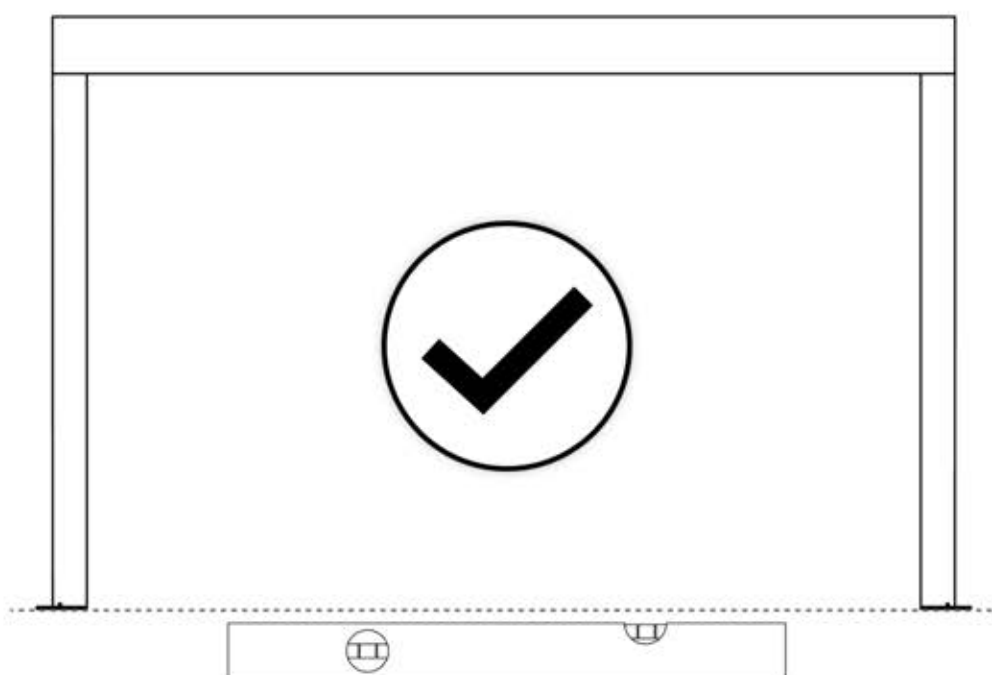
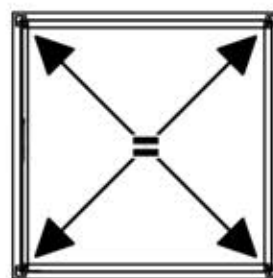
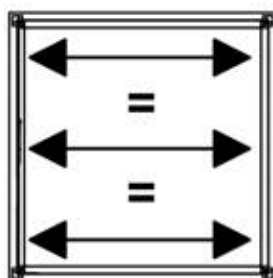
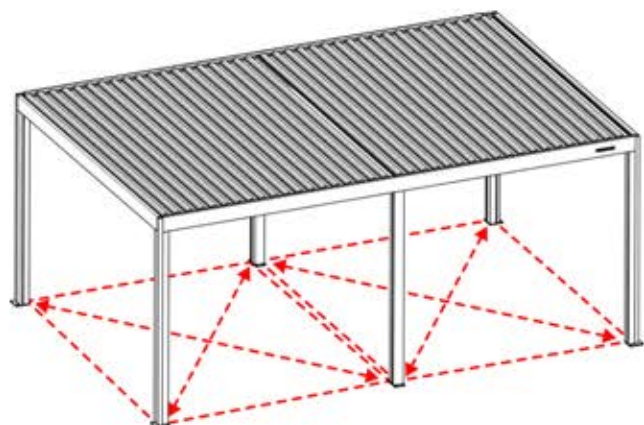
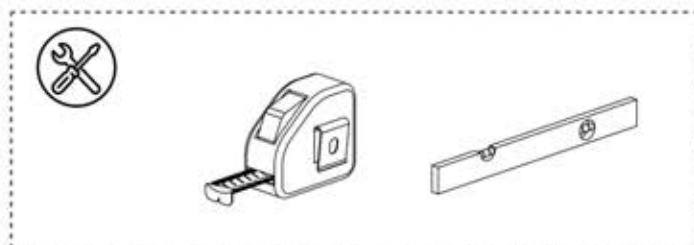
PN-20000
3282 Zip Bag



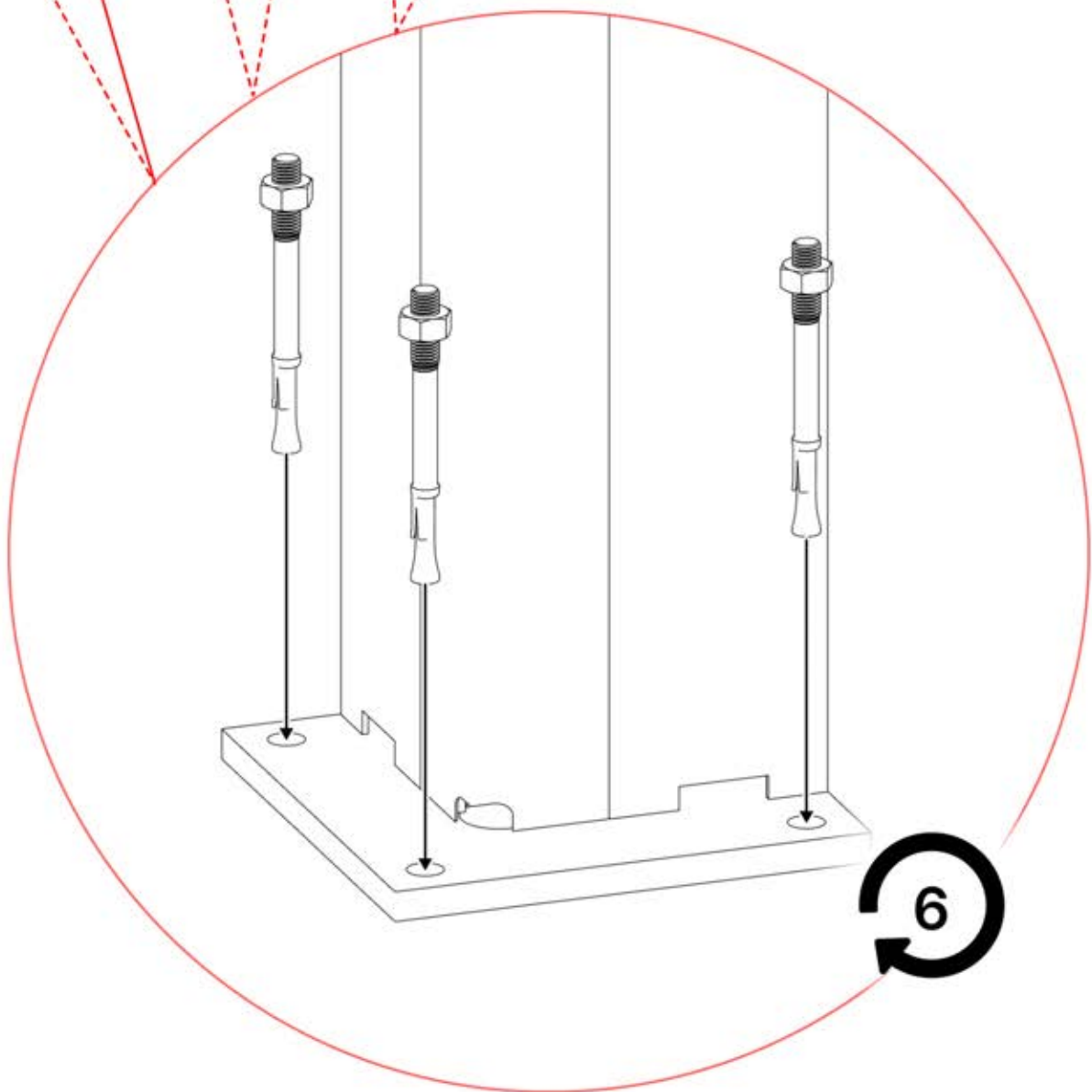
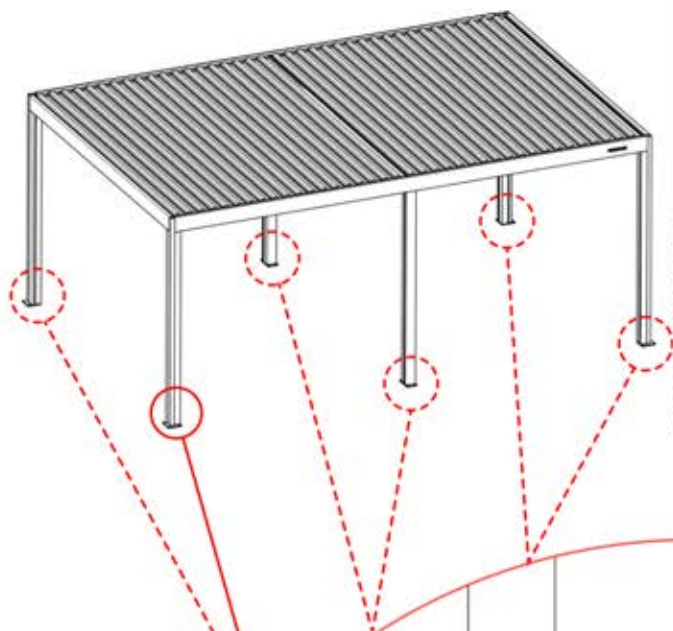
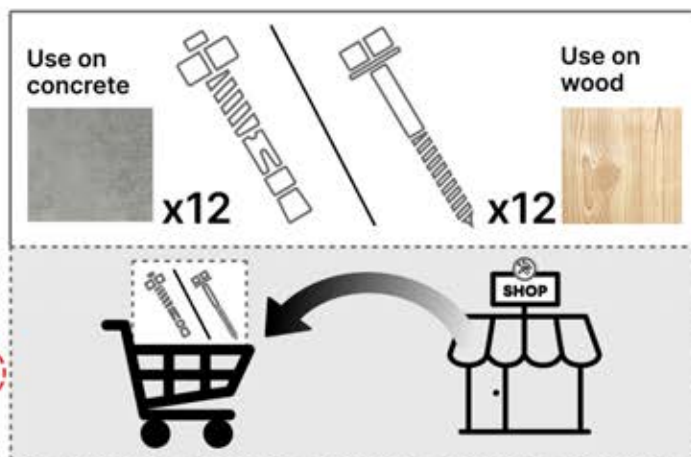
47



48



49



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