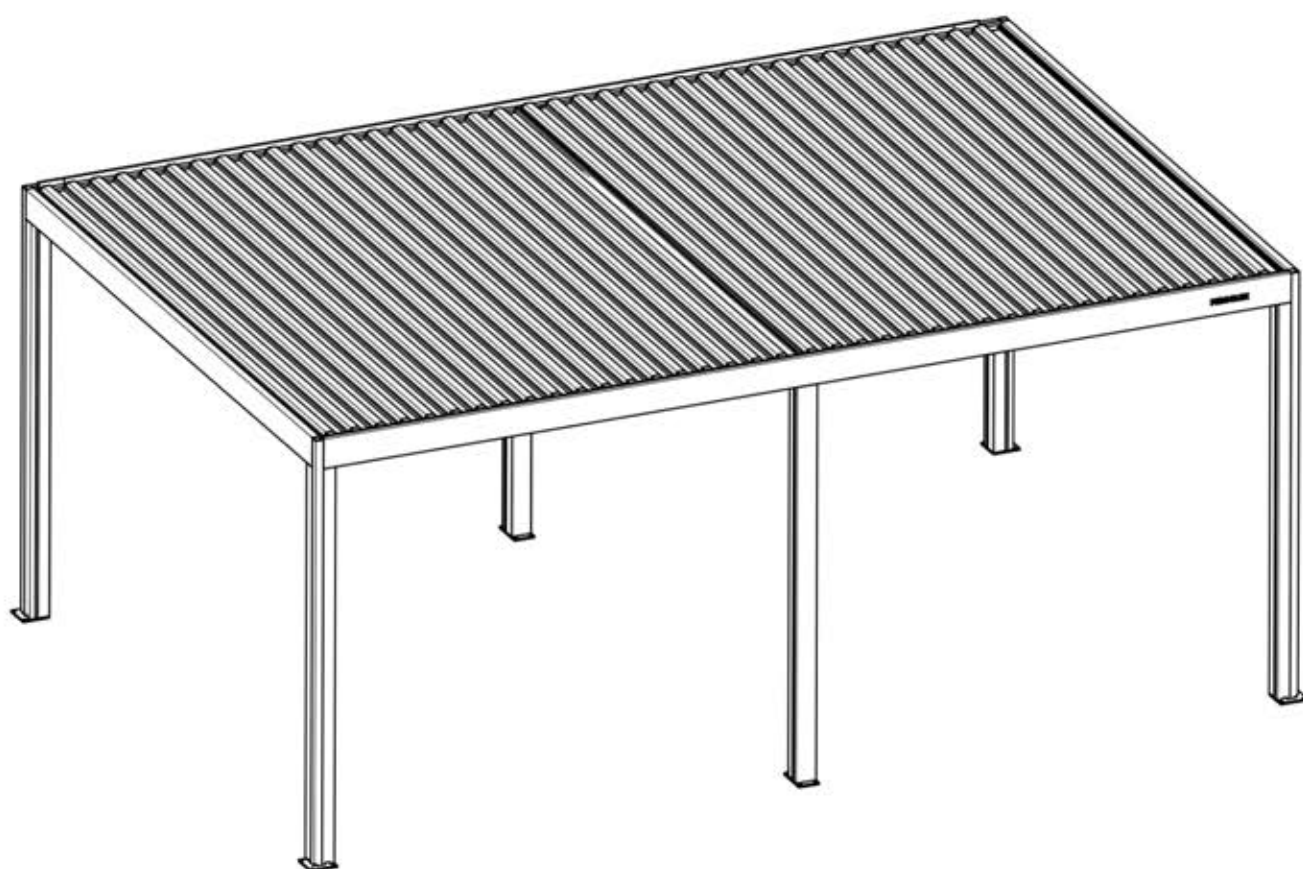


S4

PERGOLA



3×6m/10'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

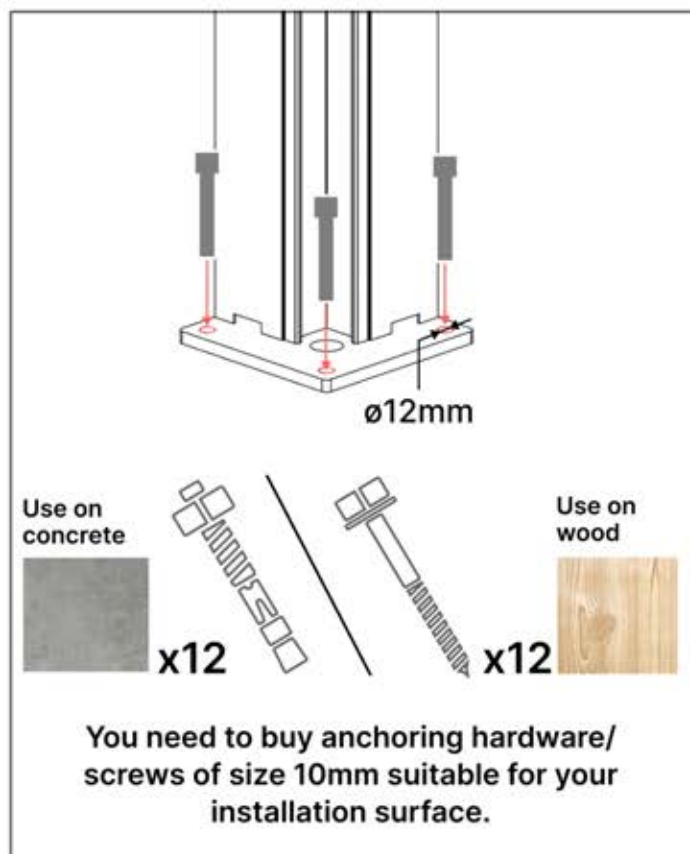


Motor



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:

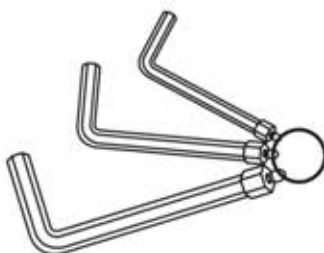
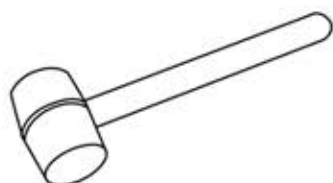
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



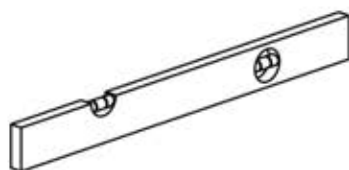
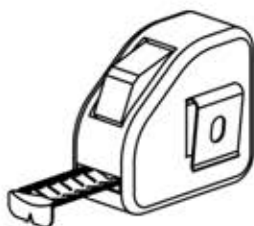
Apply lubricant to make screw assembly easier.



TOOLS

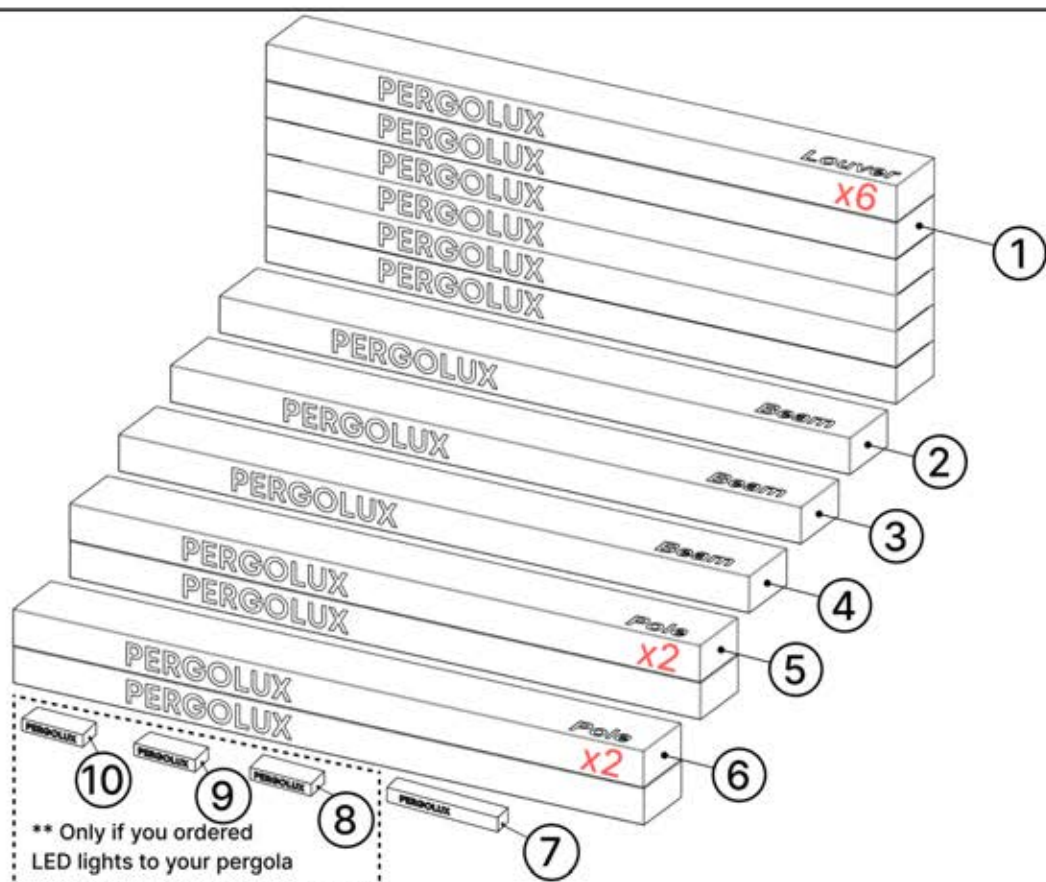


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

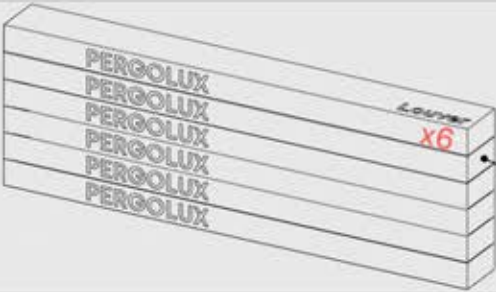
PACKAGE OVERVIEW



ORDER	ANTHRACITE	WHITE	BLACK
①	L191	L195	L193
②	B208	B212	B210
③	B189	B281	B282
④	B220	B224	B222
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	L191	L195	L193



PN-200002714

36x



PERGOLUX

B208

	ANTHRACITE	WHITE	BLACK
2	B208	B212	B210



PN-200002746

2x

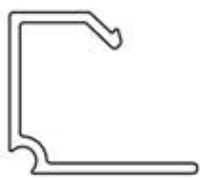


Premounted

PN-200002708

2x

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	B189	B281	B282
3			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

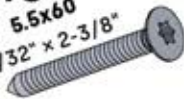
1x



PN-20000

3346

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



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



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
3	B189	B281	B282

PN-20000
3281

4.2X20

PN-200002622
4x

PN-200000680
8x

PN-200001340
1x

PN-20000
3279

PN-200000568
32x

PN-20000
3603

PN-200000826
6x

	ANTHRACITE	WHITE	BLACK
4	B220	B224	B222

PN-200002714
1x

PN-200002718
1x

PN-200003411
1x

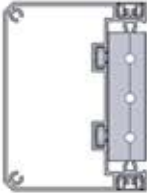
ITEMS IN BOX

PERGOLUX
PERGOLUX

Pole
x2

5

ANTHRACITE	WHITE	BLACK
C123	C125	C124



PN-200002782
2x

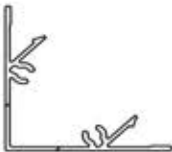


PN-200002783
2x



PN-200002785
2x

ITEMS IN BOX

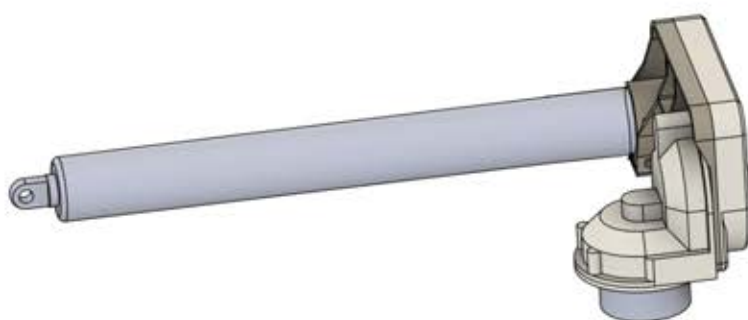
	ANTHRACITE WHITE BLACK		
	C120	C122	C121
		PN-200002606	4x
		PN-200003386	4x
		PN-200002614	4x

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.

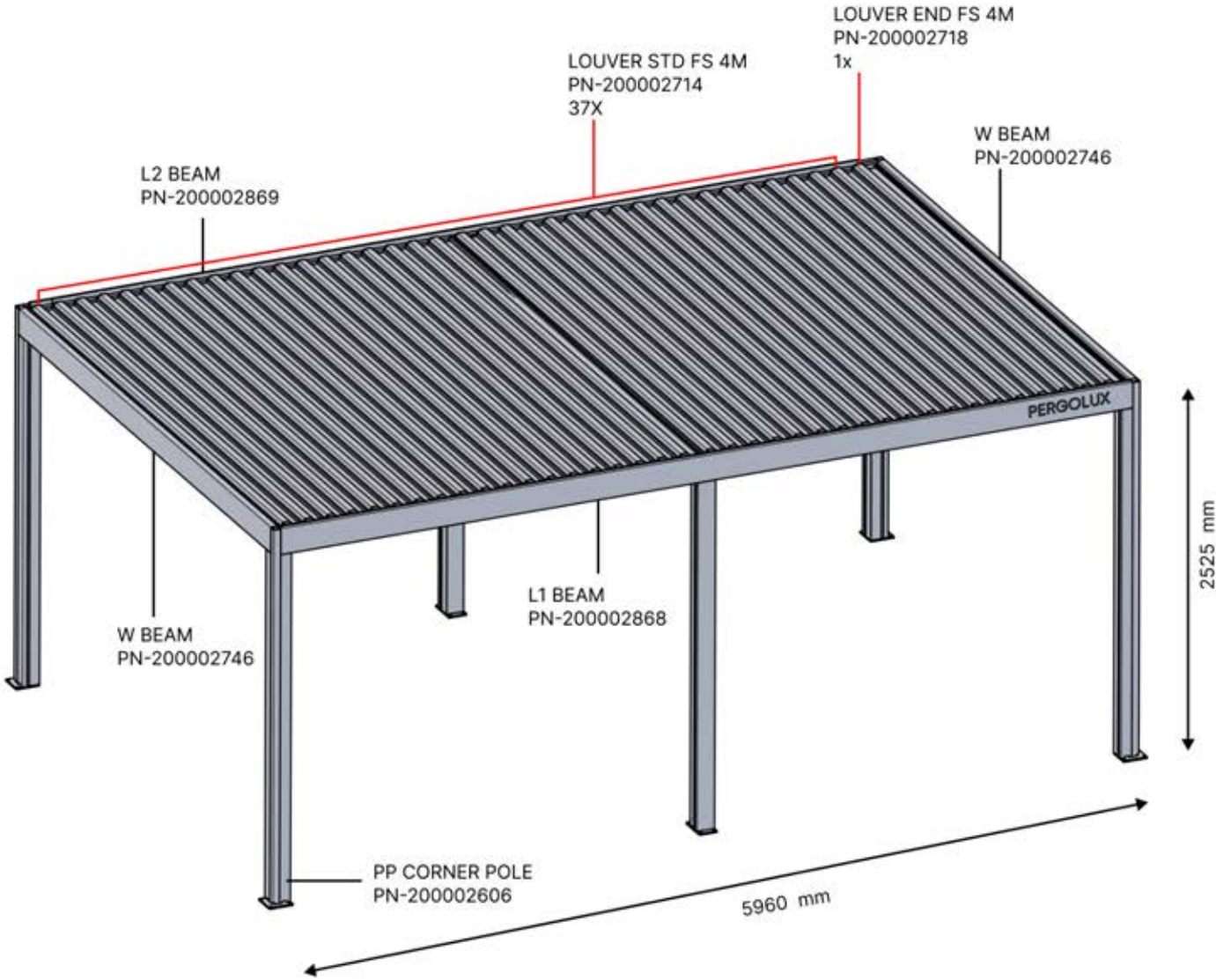
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



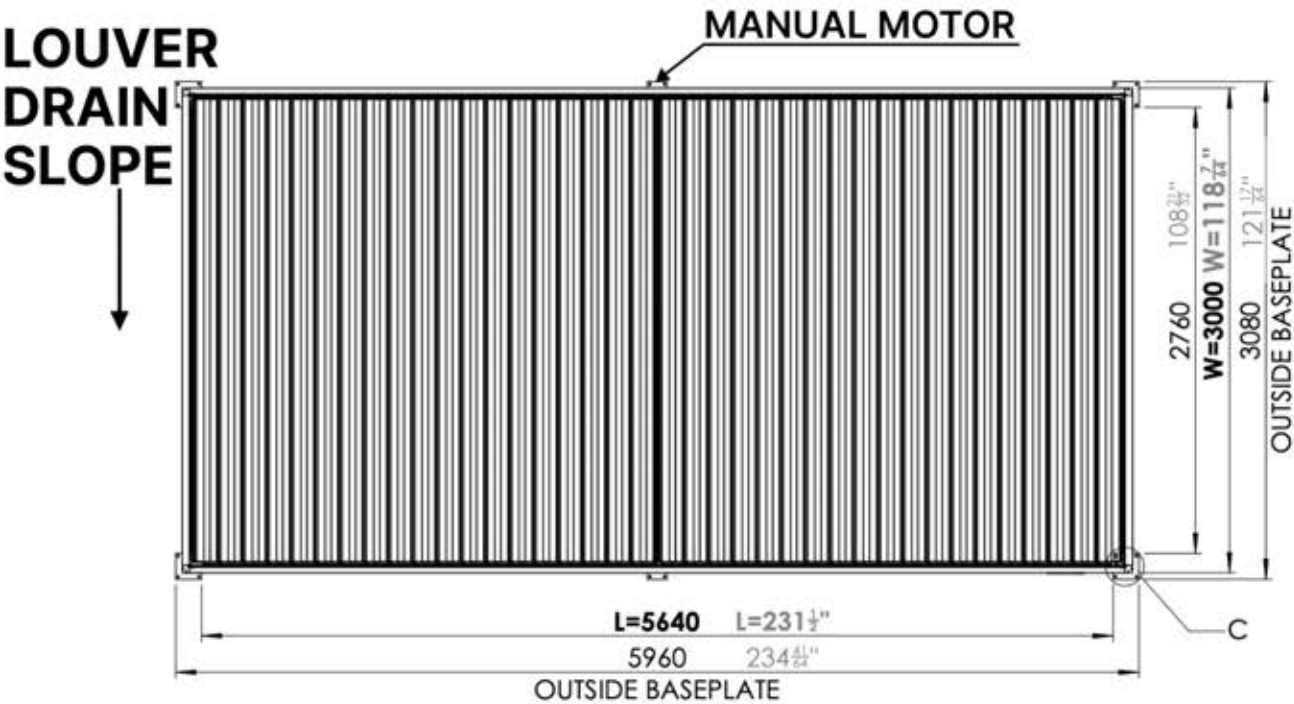
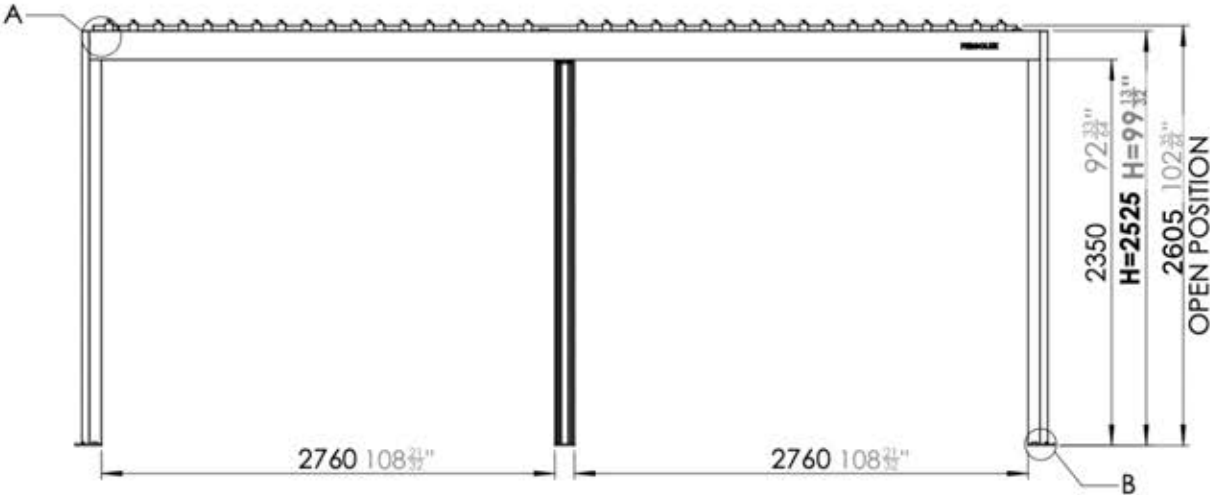
CONTROL BOX

[View Manual](#)

3 × 6 M / 10'x19'



3 × 6 M / 10'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.

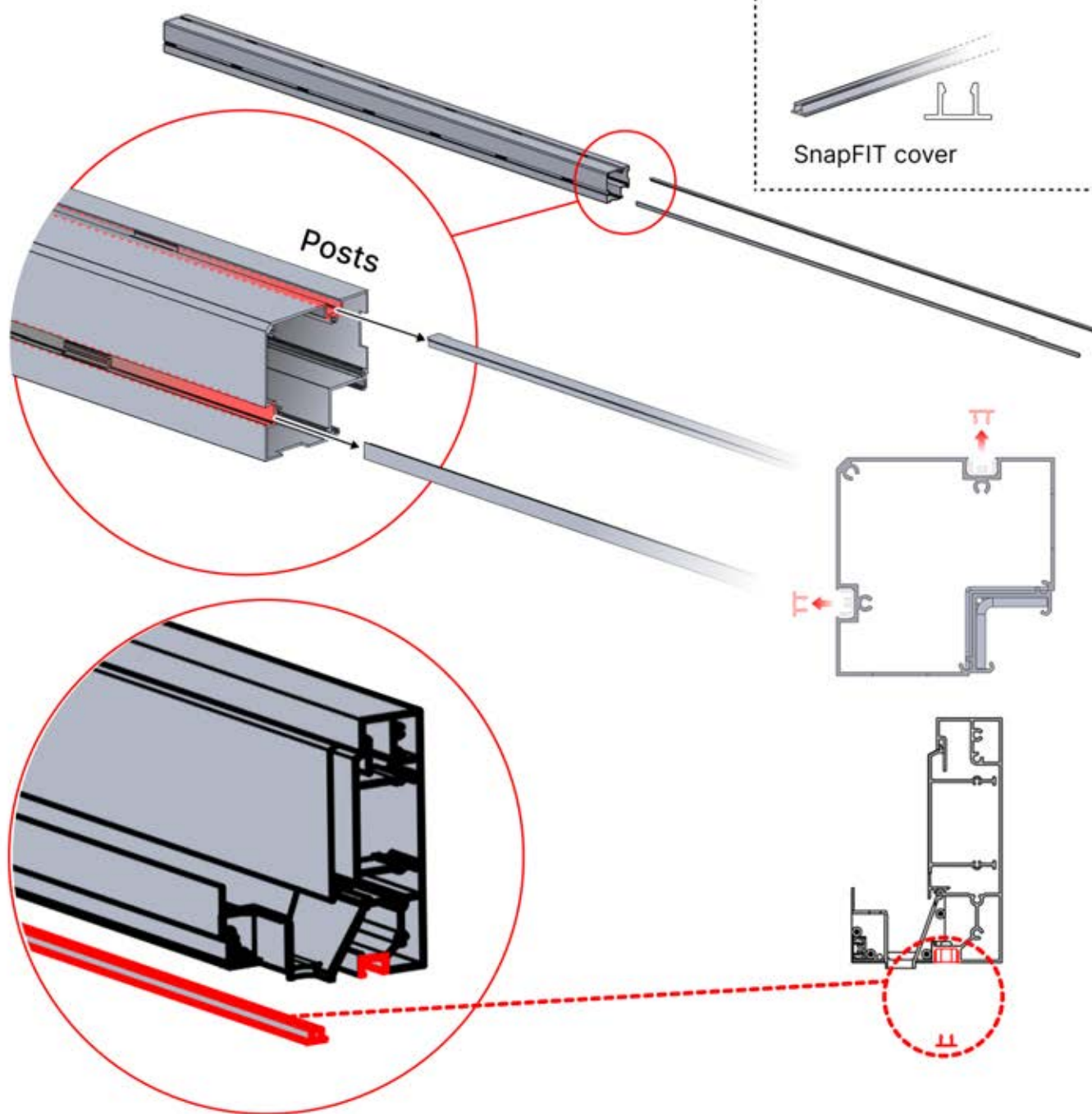
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



INFORMATION

Are you installing a heater, fan or LED lights?

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

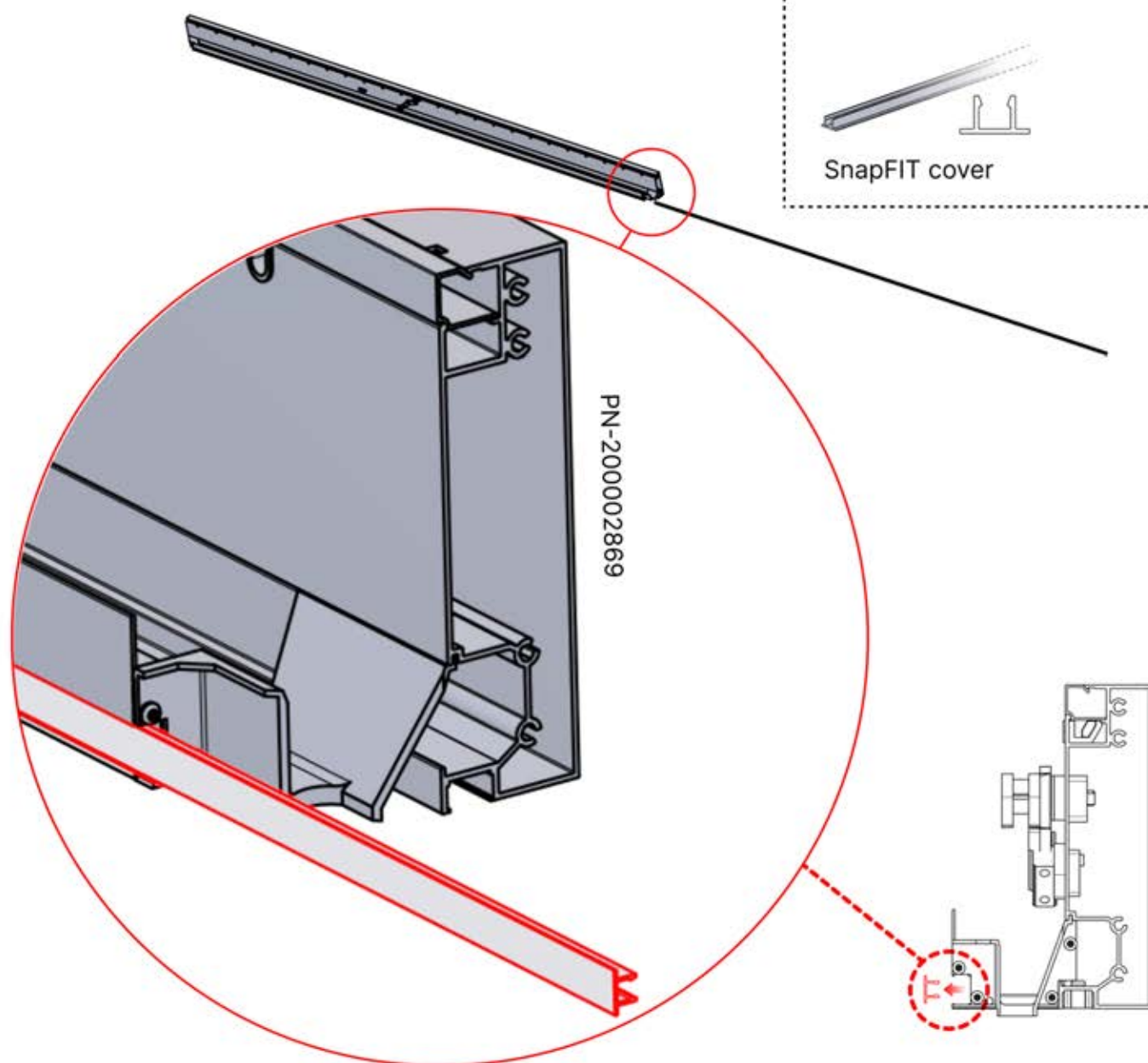
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



INFORMATION



2

ANTHRACITE: B208
WHITE: B212
BLACK: B210



3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



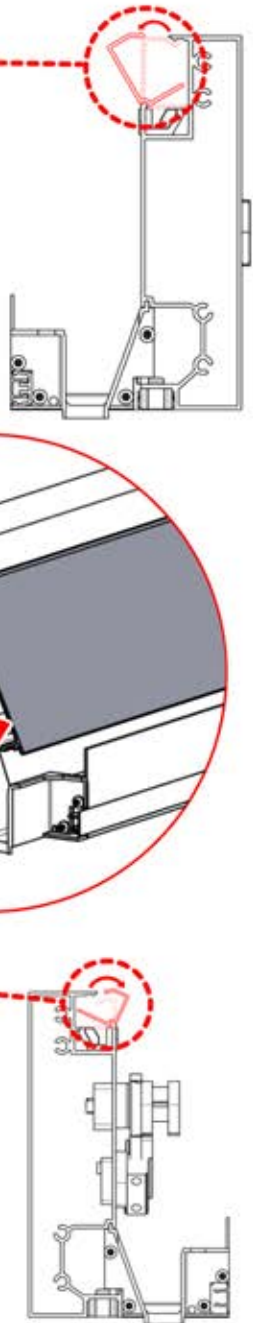
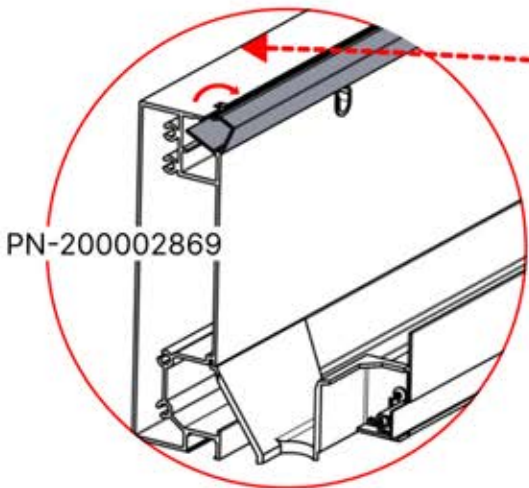
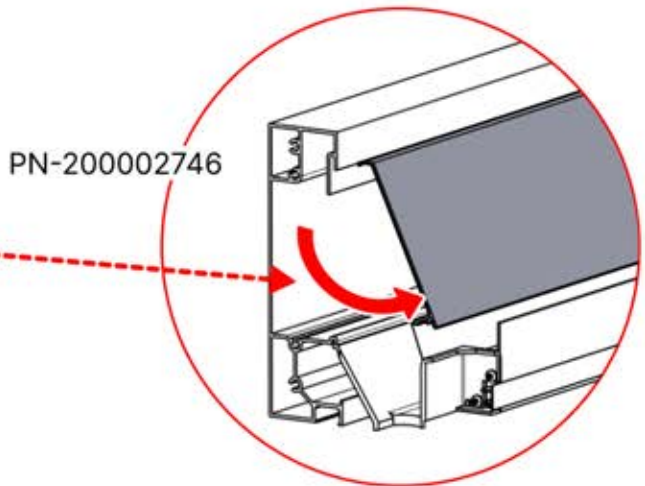
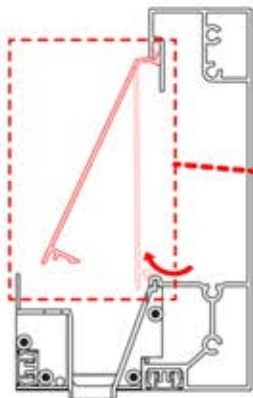
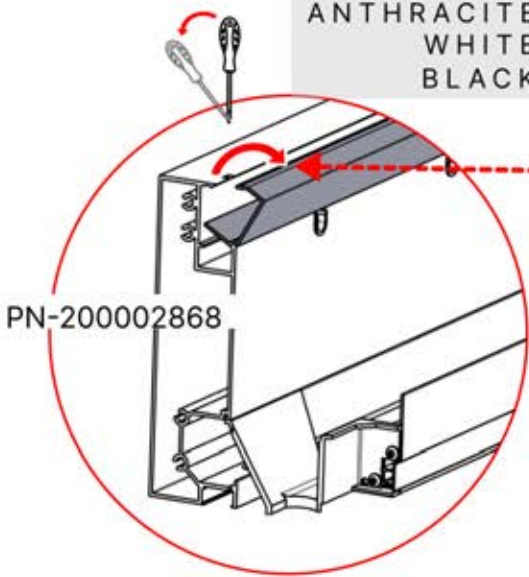
PN-200002746
2x



PN-200002868
1x



PN-200002869
1x



01



6

ANTHRACITE: C120
WHITE: C122
BLACK: C121



3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



PN-200002606
4x



PN-200002614
4x



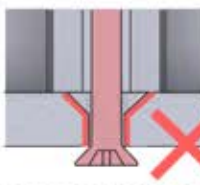
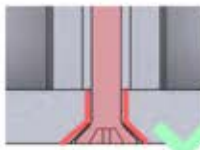
PN-200000560
20x

PN-200002606

PN-200002614

PN-200000560

4



PN-200000560

02



5

ANTHRACITE: C123
WHITE: C125
BLACK: C124



3

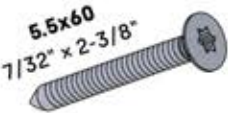
ANTHRACITE: B189
WHITE: B281
BLACK: B282



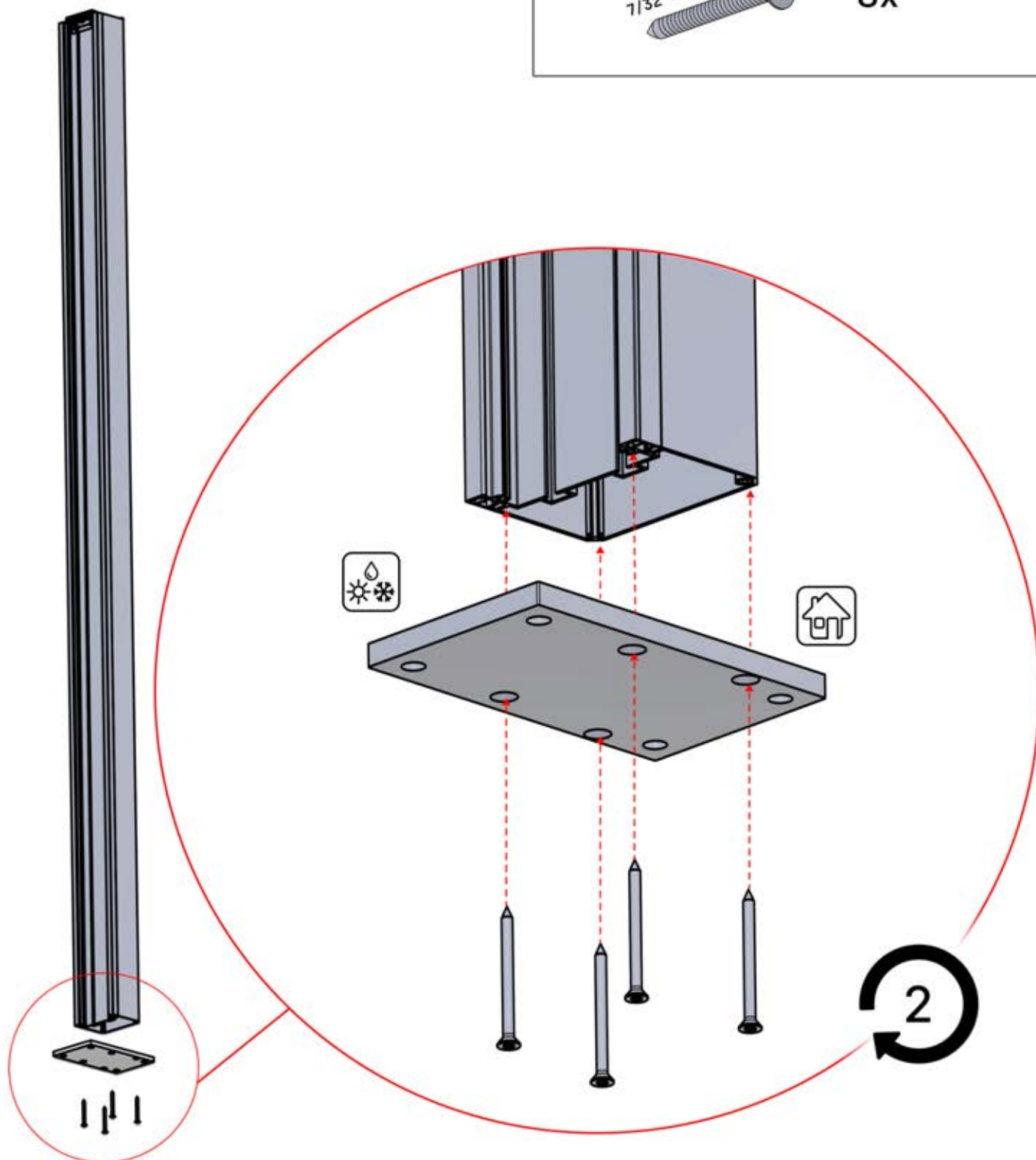
PN-200002782
2x



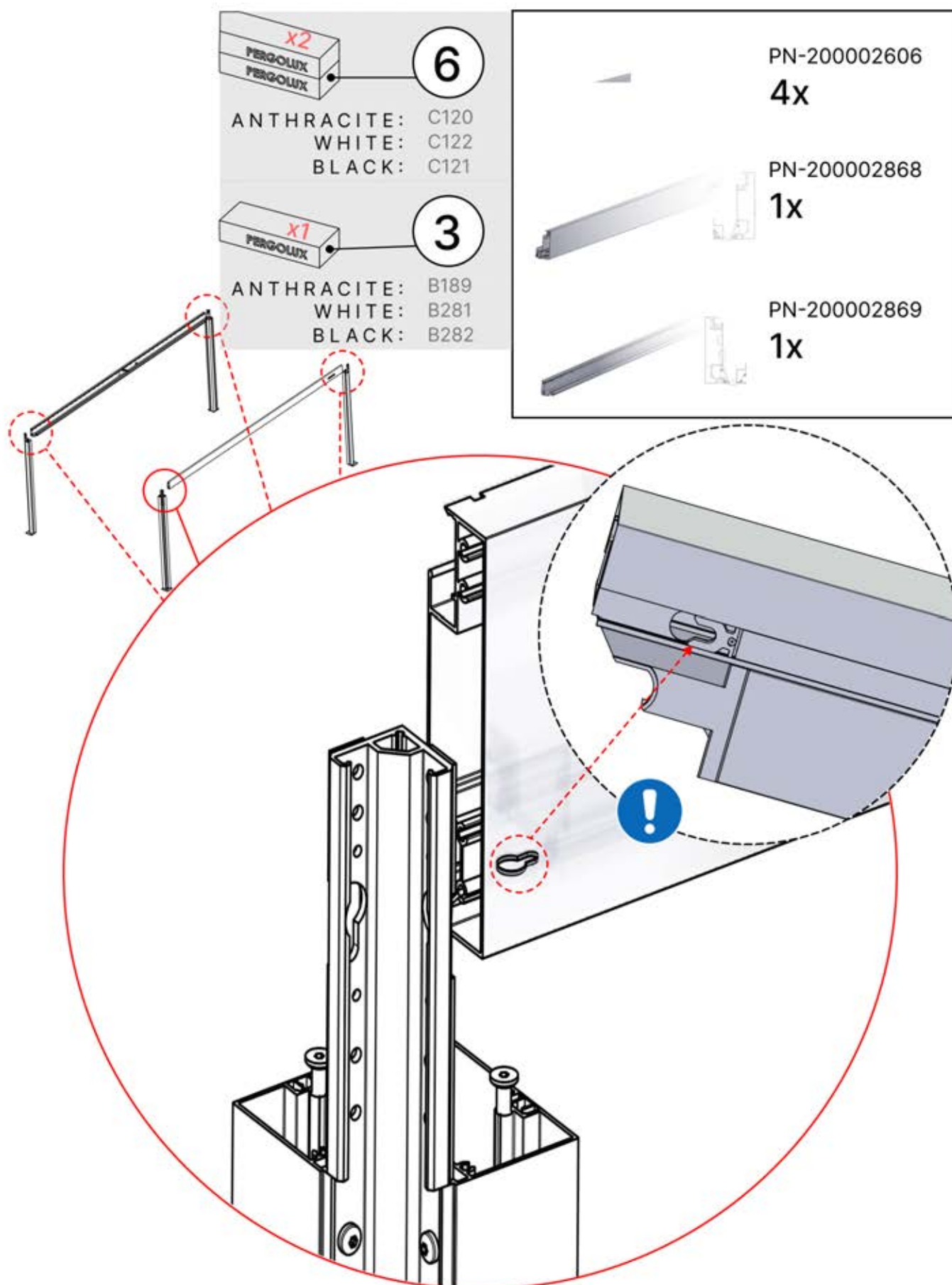
PN-200002785
2x



5.5x60
7/32" x 2-3/8"
PN-200000560
8x



INFORMATION



03

6

ANTHRACITE: C120
WHITE: C122
BLACK: C121

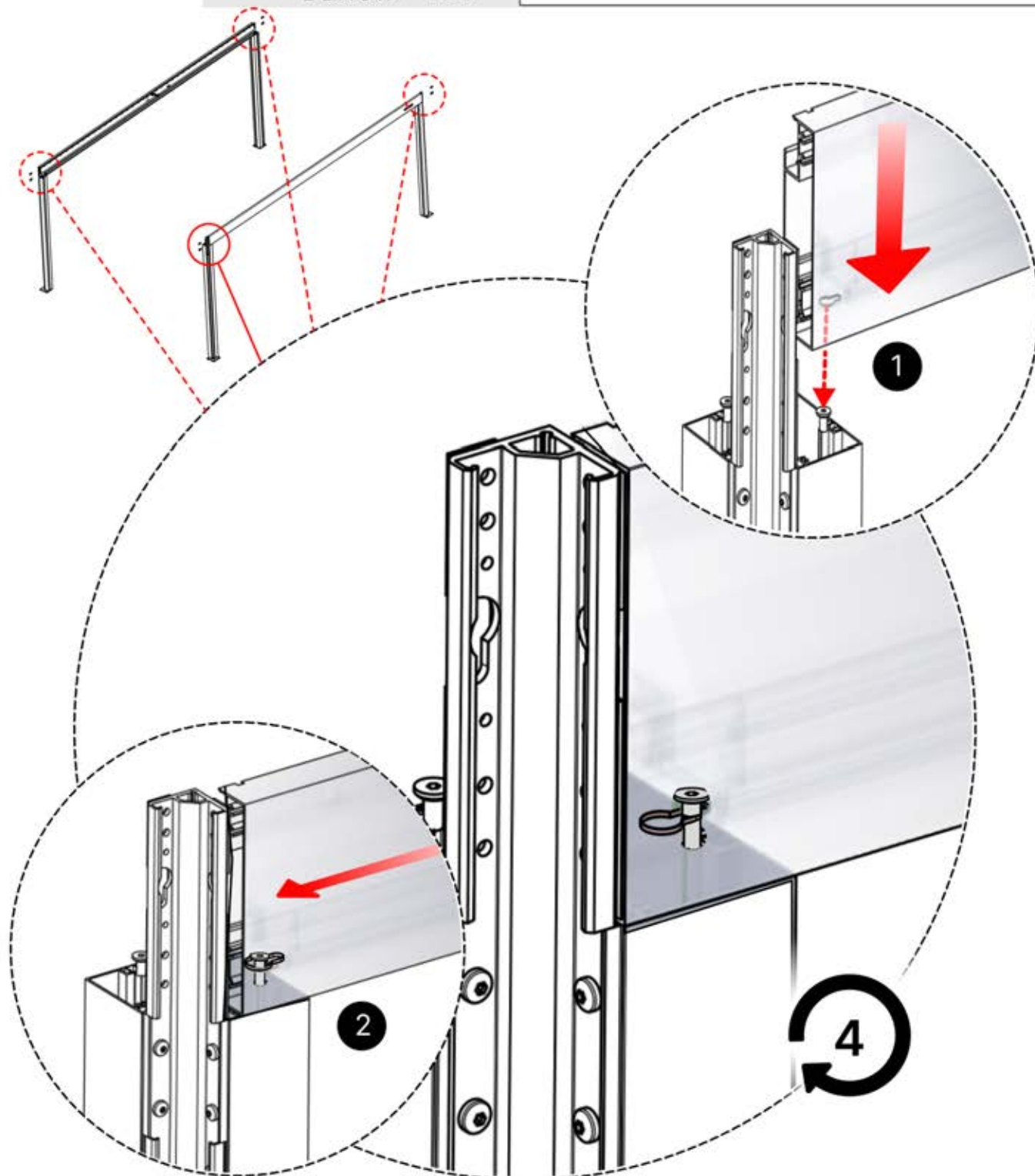
3

ANTHRACITE: B189
WHITE: B281
BLACK: B282

PN-200002606
4x

PN-200002868
1x

PN-200002869
1x



04

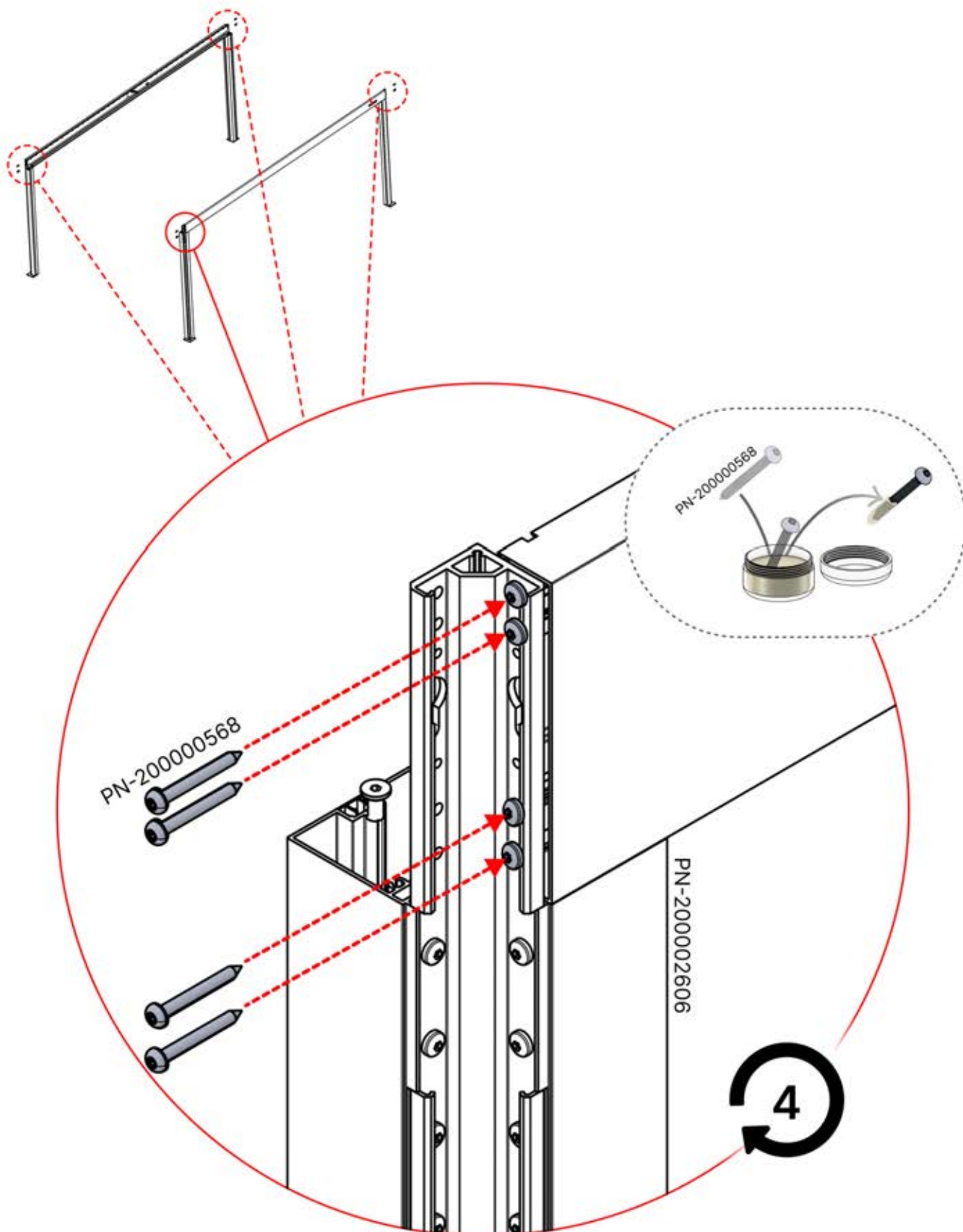


3

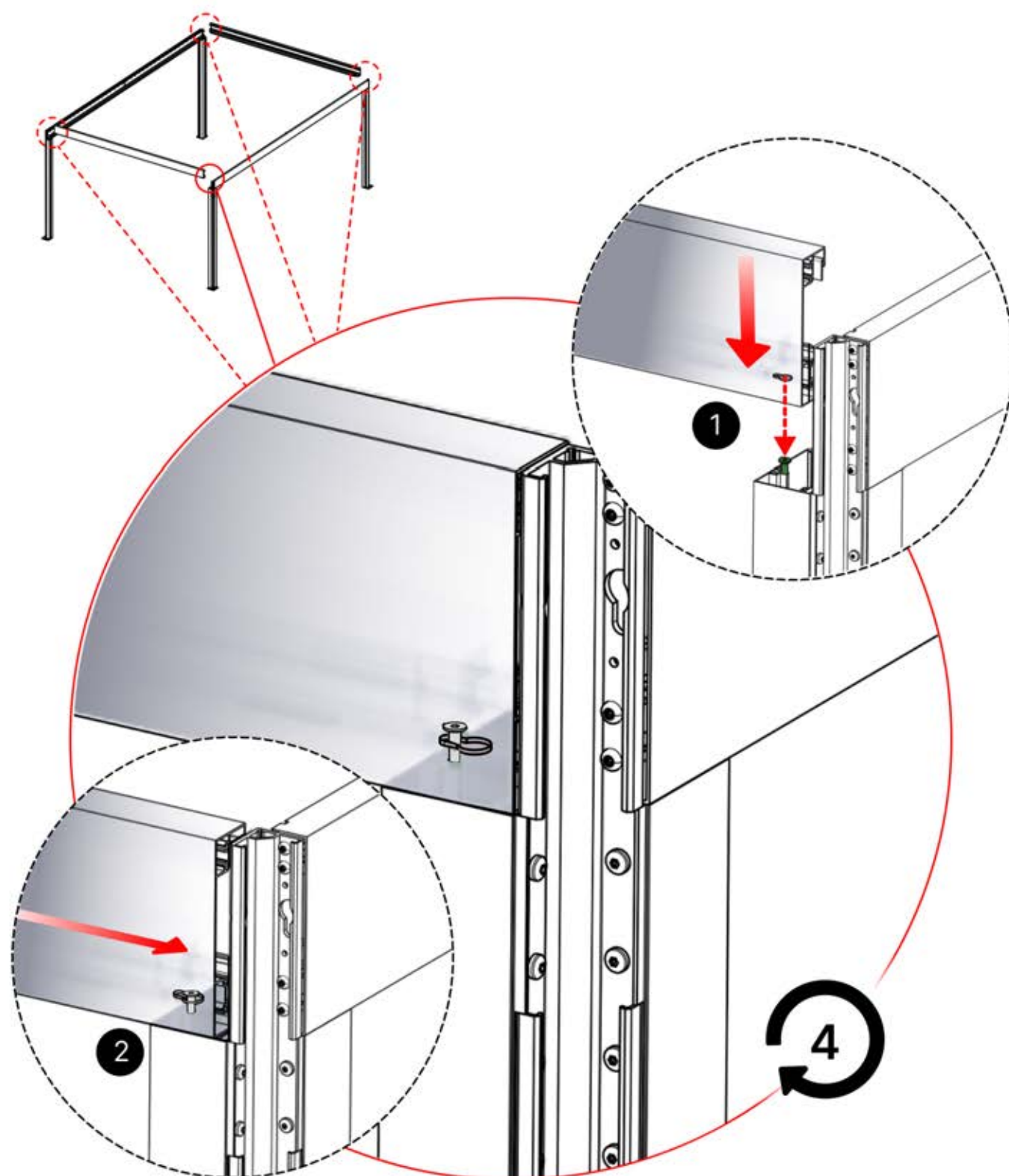
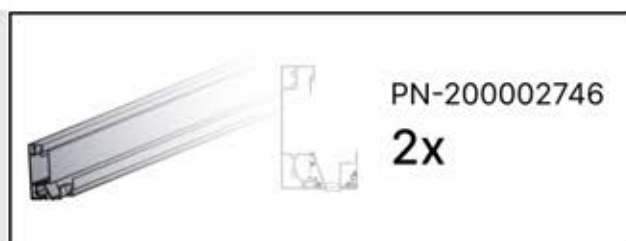
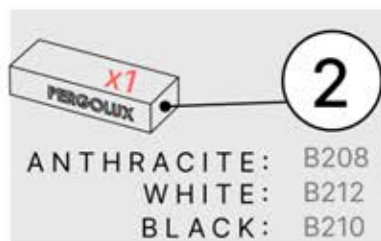
ANTHRACITE:	B189
WHITE:	B281
BLACK:	B282



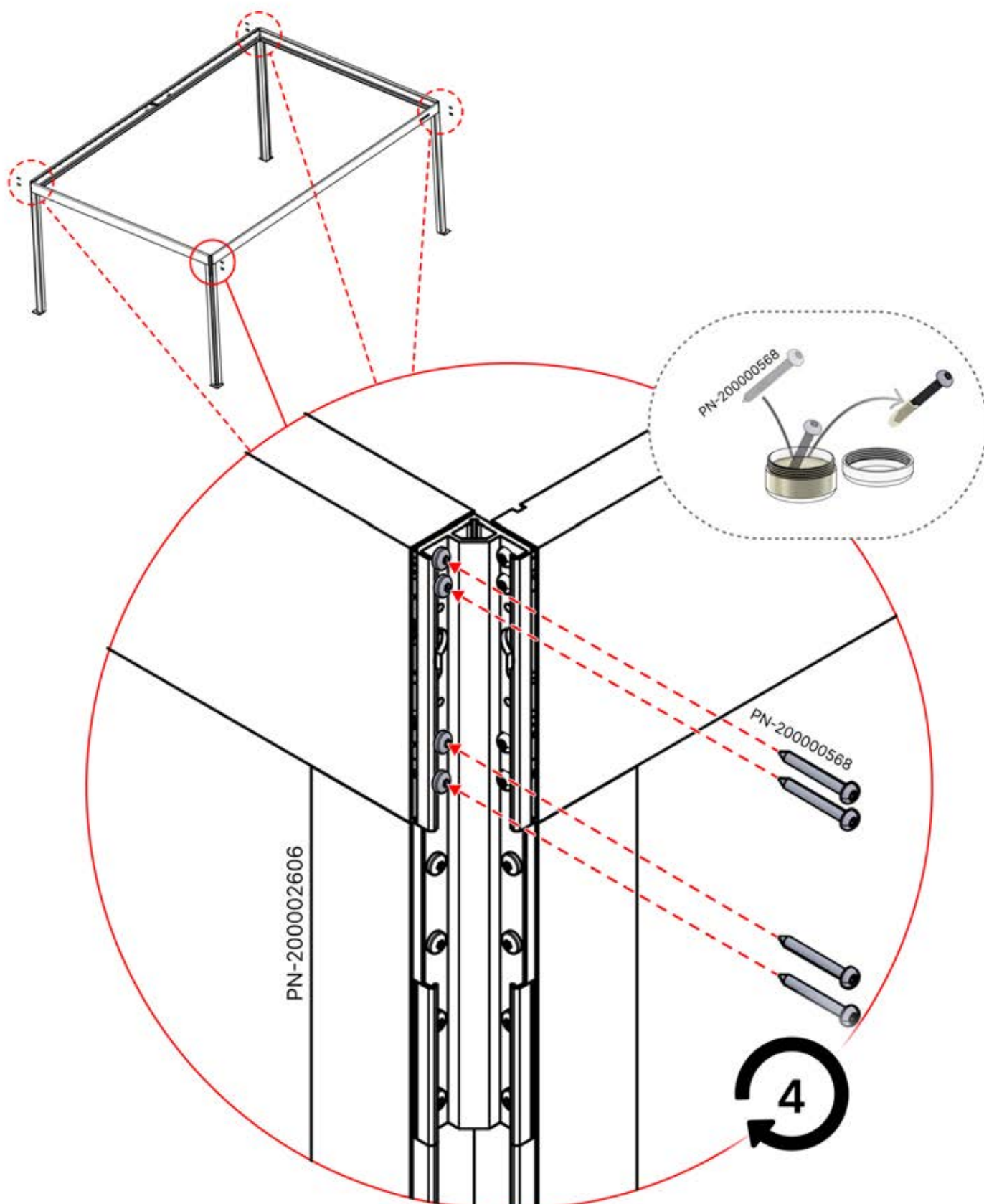
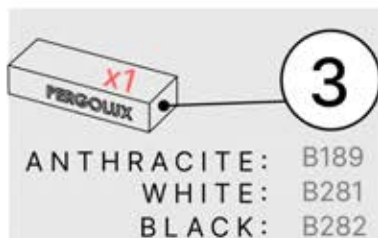
PN-200000568
4x



05



06



INFORMATION

Have you ordered LED-Lights?

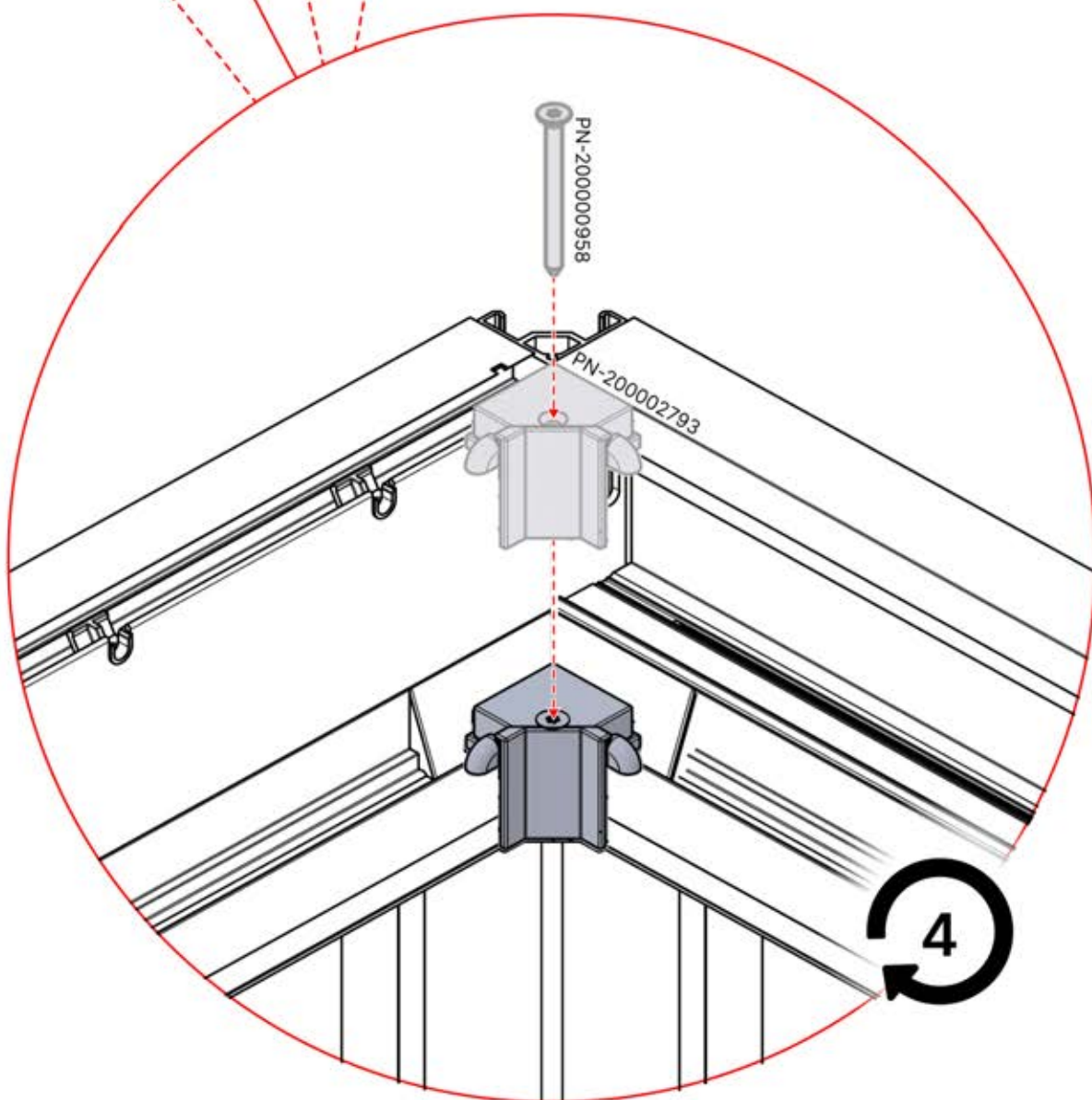
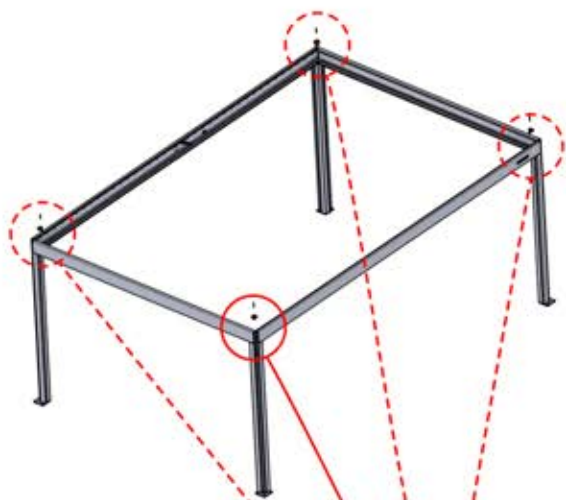
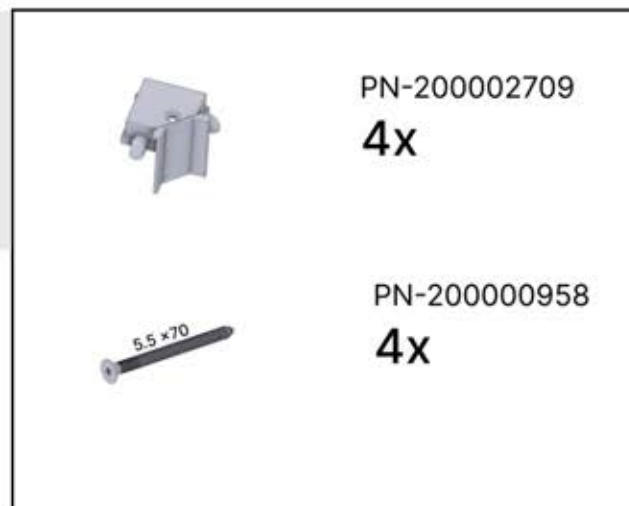
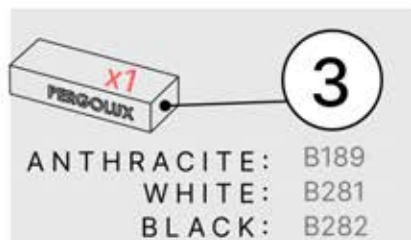
Now is the time to start the assembling.



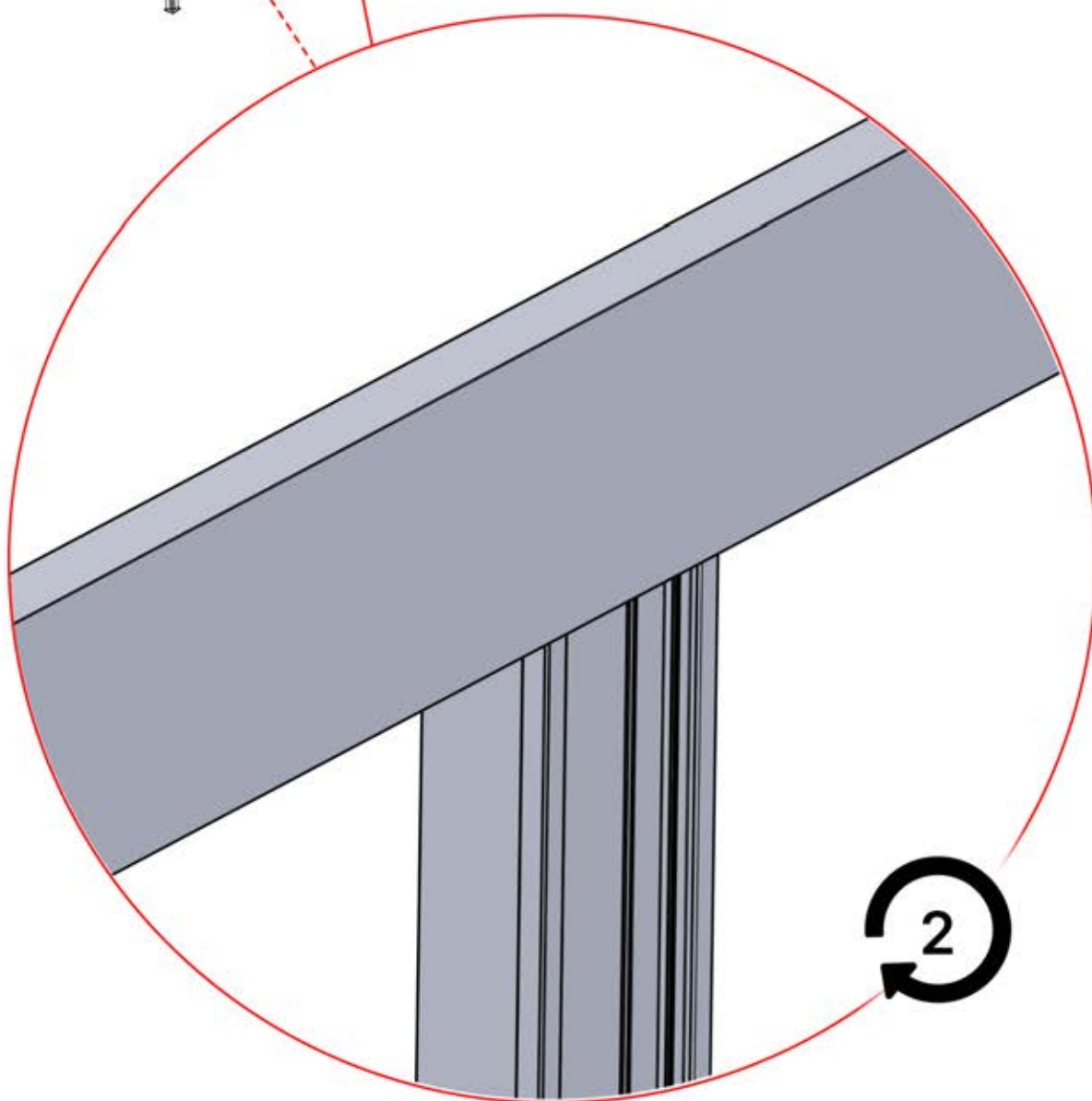
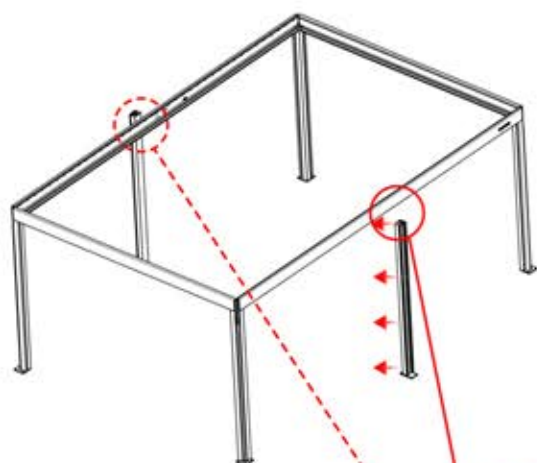
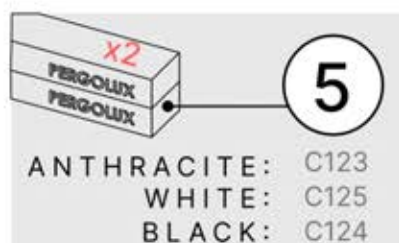
Follow the instruction for the LED lights in the assembly PDF and Video linked:



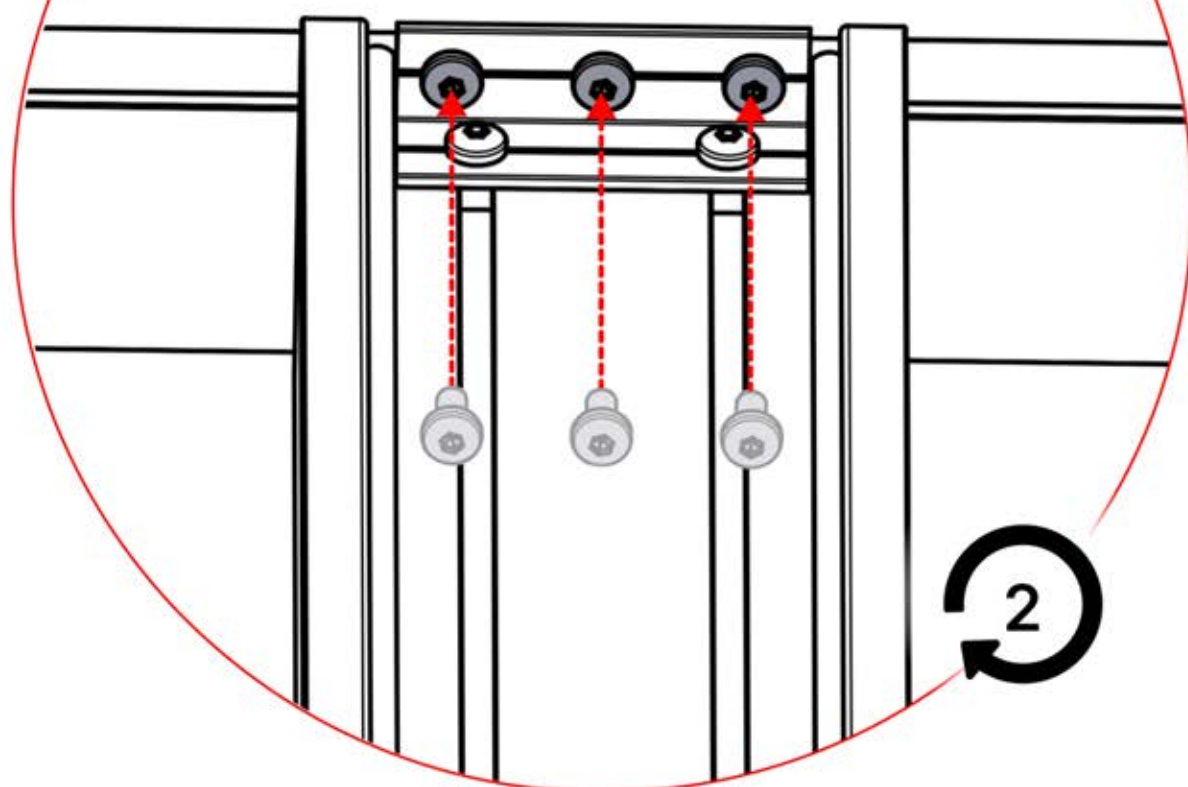
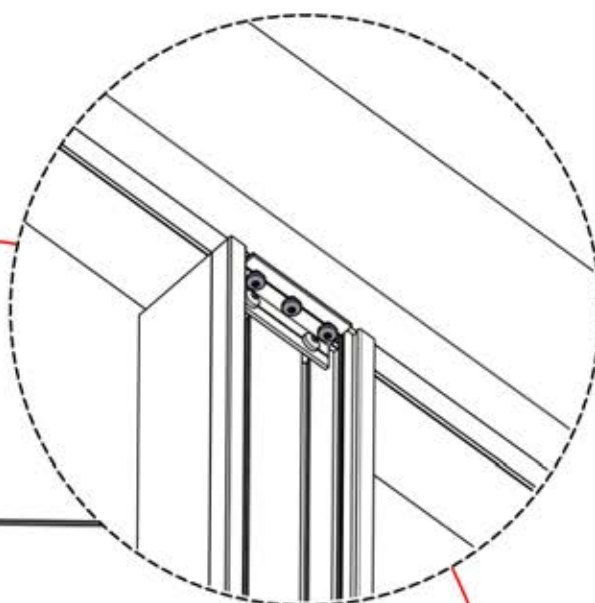
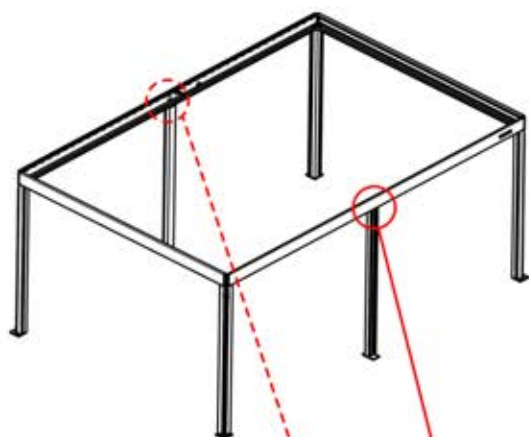
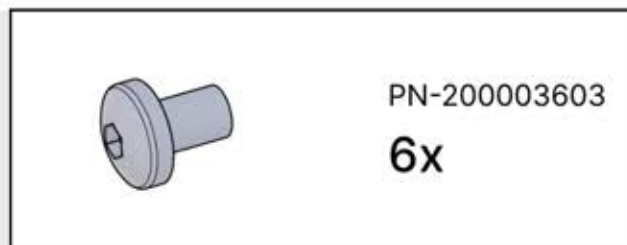
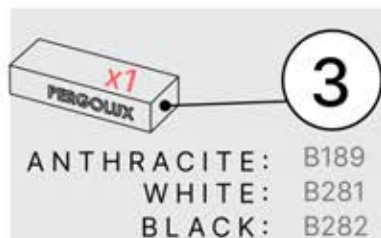
07



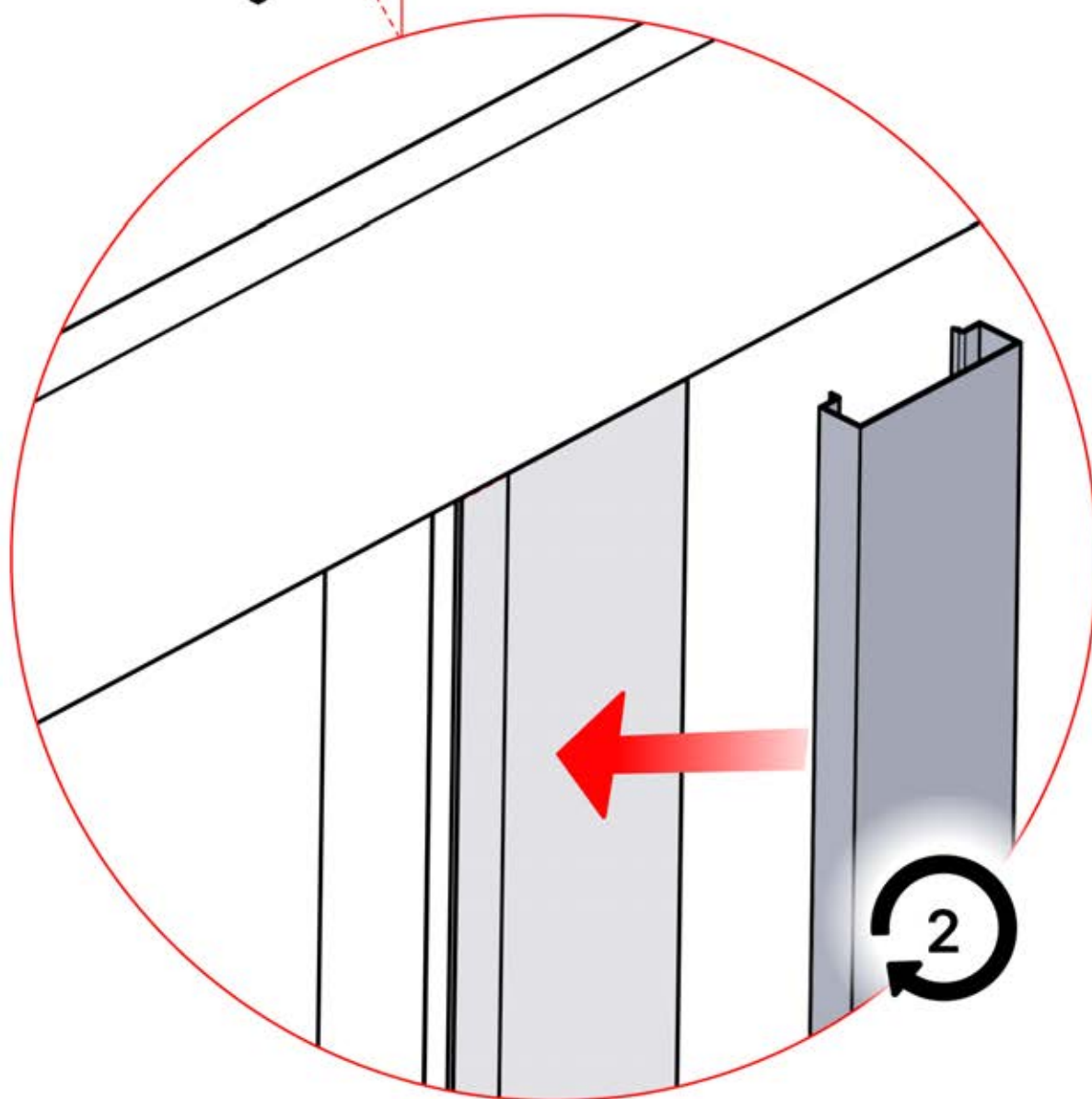
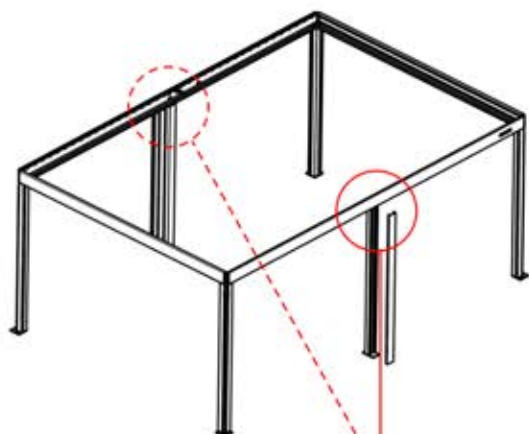
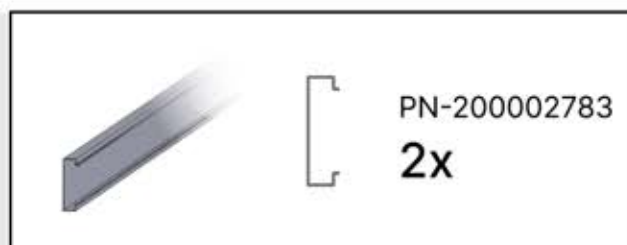
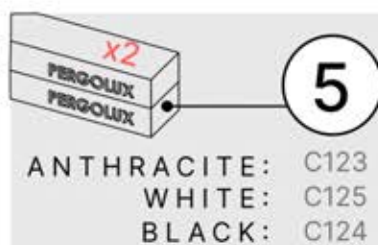
08



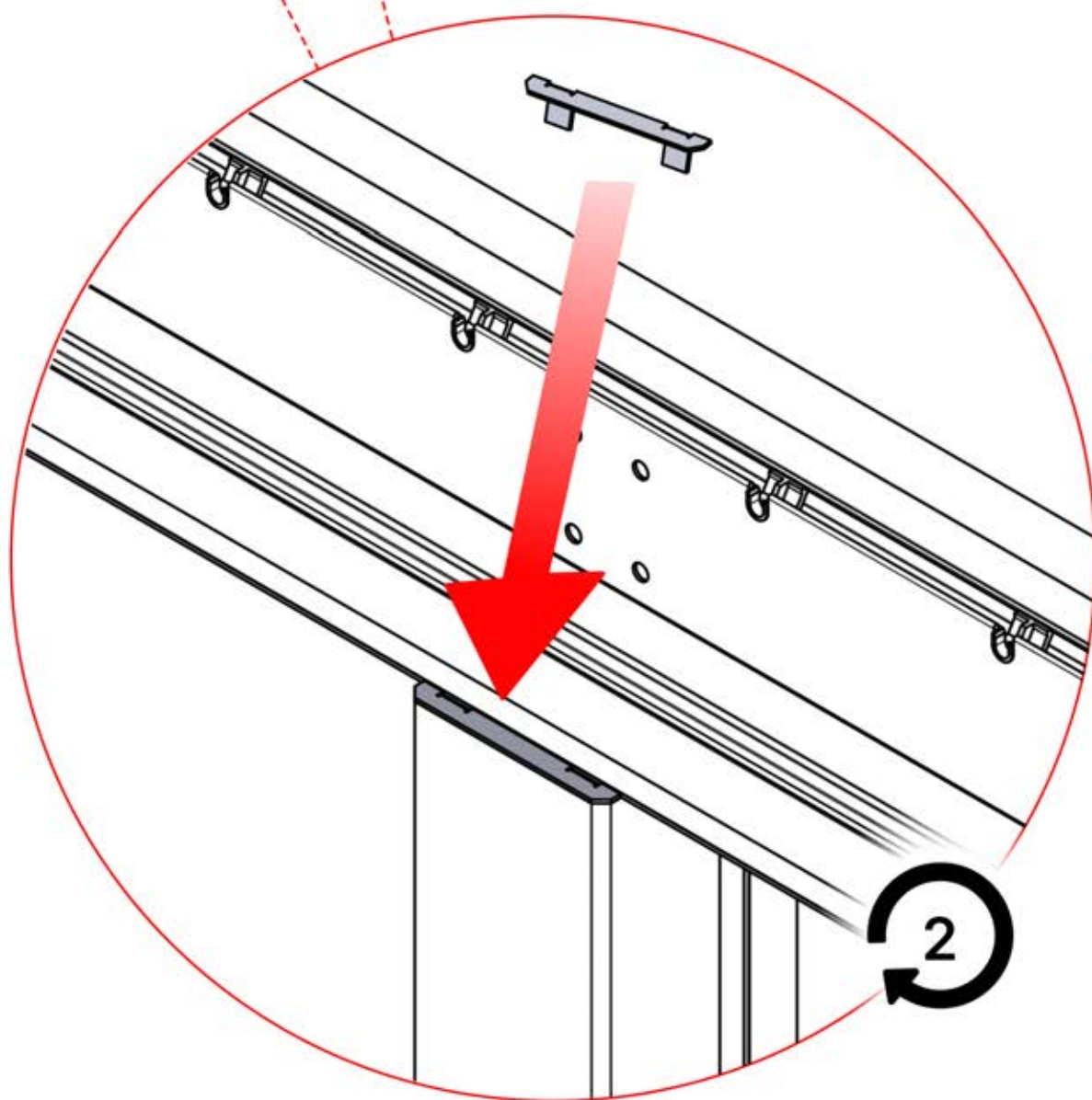
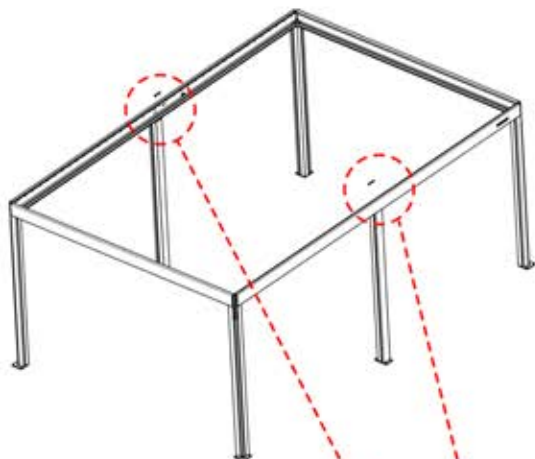
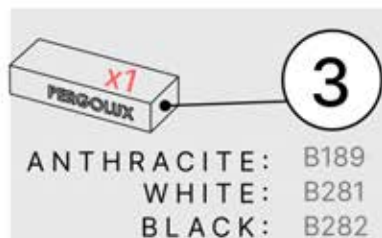
09



10



11



12



4

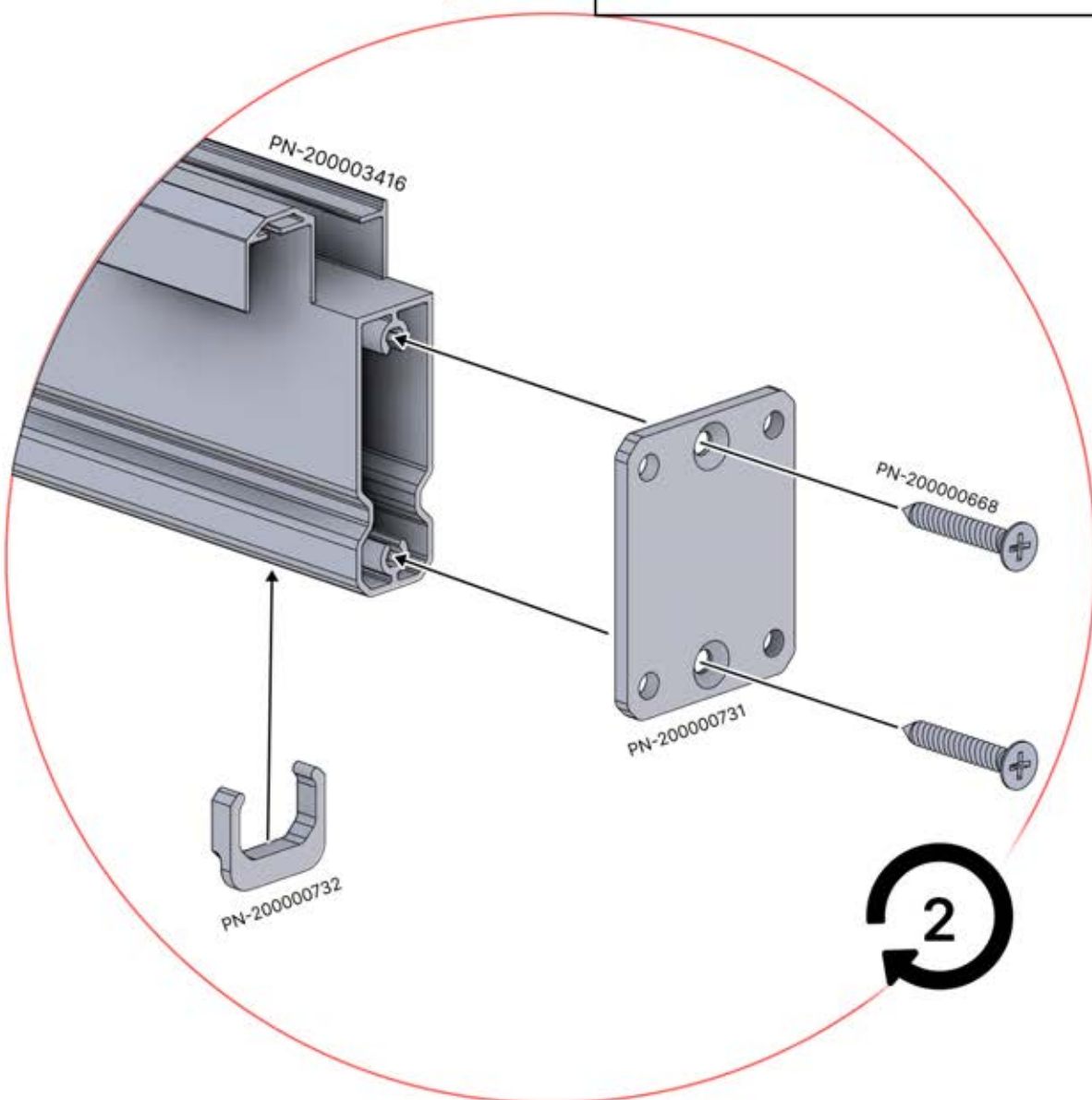
ANTHRACITE: B220
 WHITE: B224
 BLACK: B222



3

ANTHRACITE: B189
 WHITE: B281
 BLACK: B282

	PN-200003411 1X
	PN-200000731 2x
	PN-200000732 2x
	PN-200000668 4x

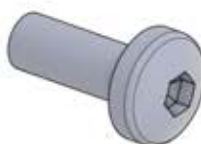


13



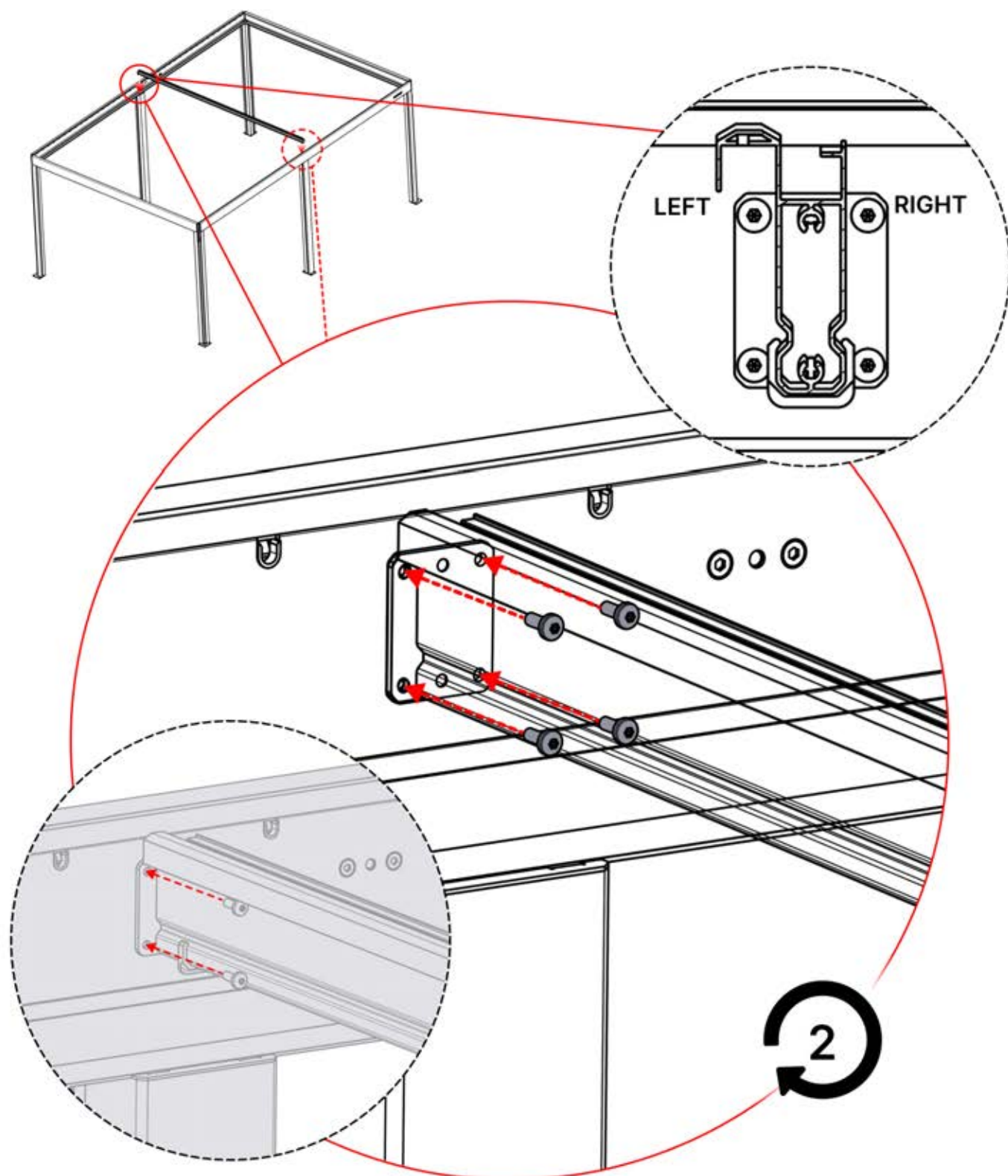
3

ANTHRACITE: B189
WHITE: B281
BLACK: B282

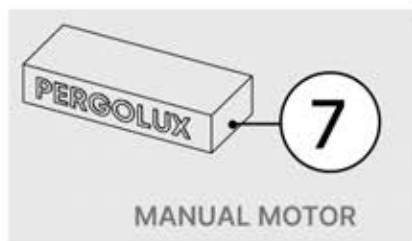


PN-200000415

8x



14



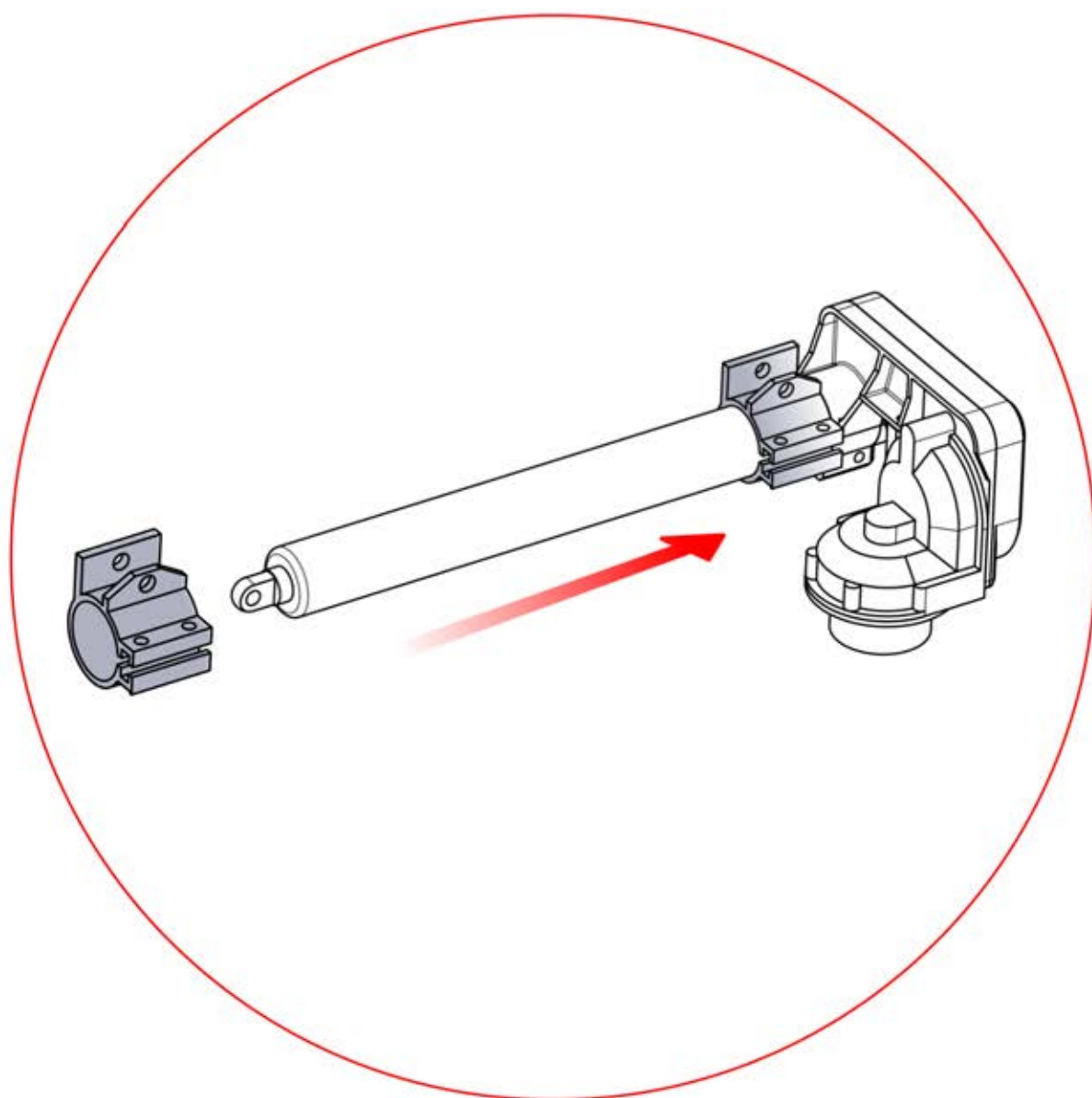
PN-200001563

1x

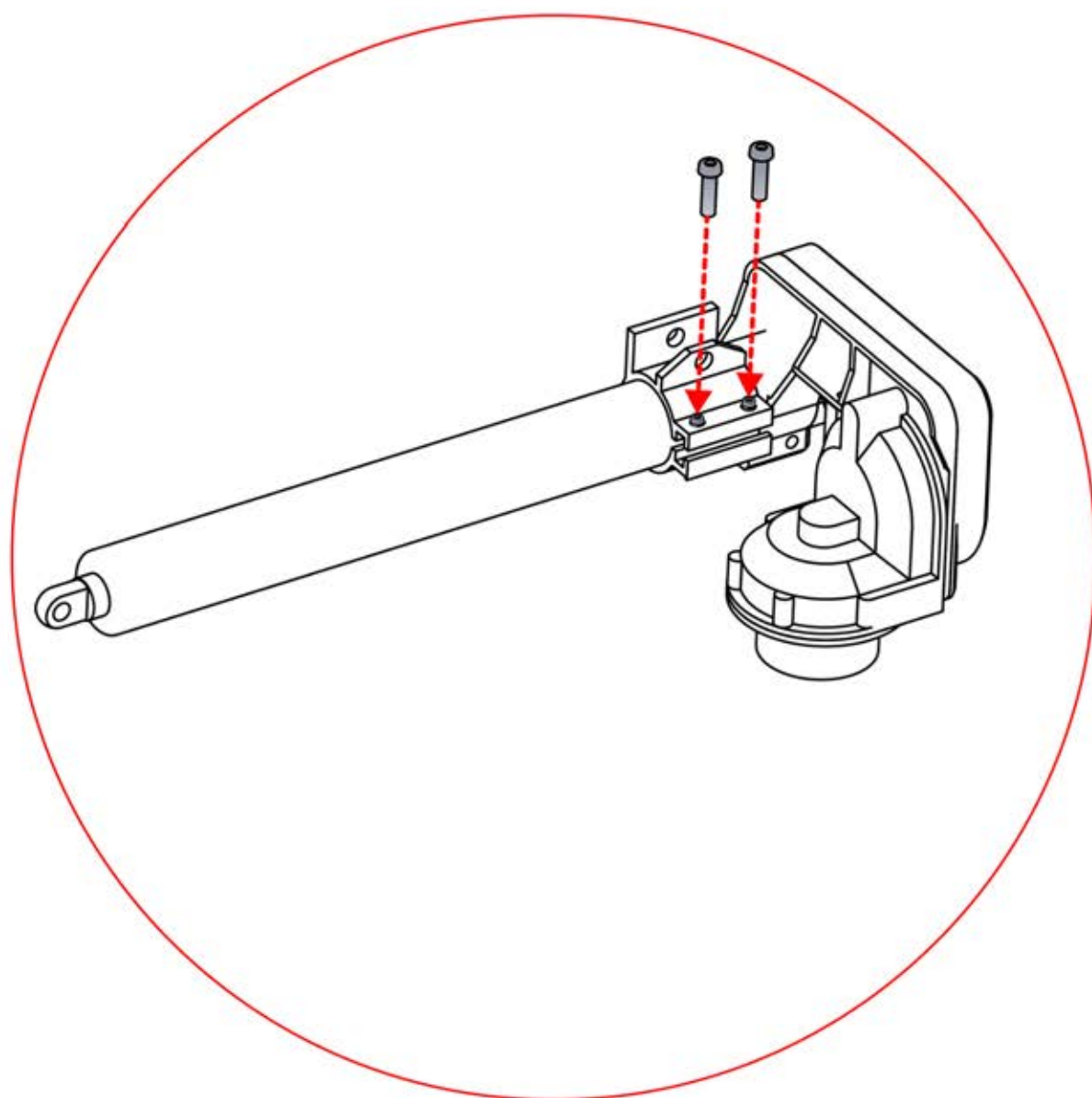


PN-200003773

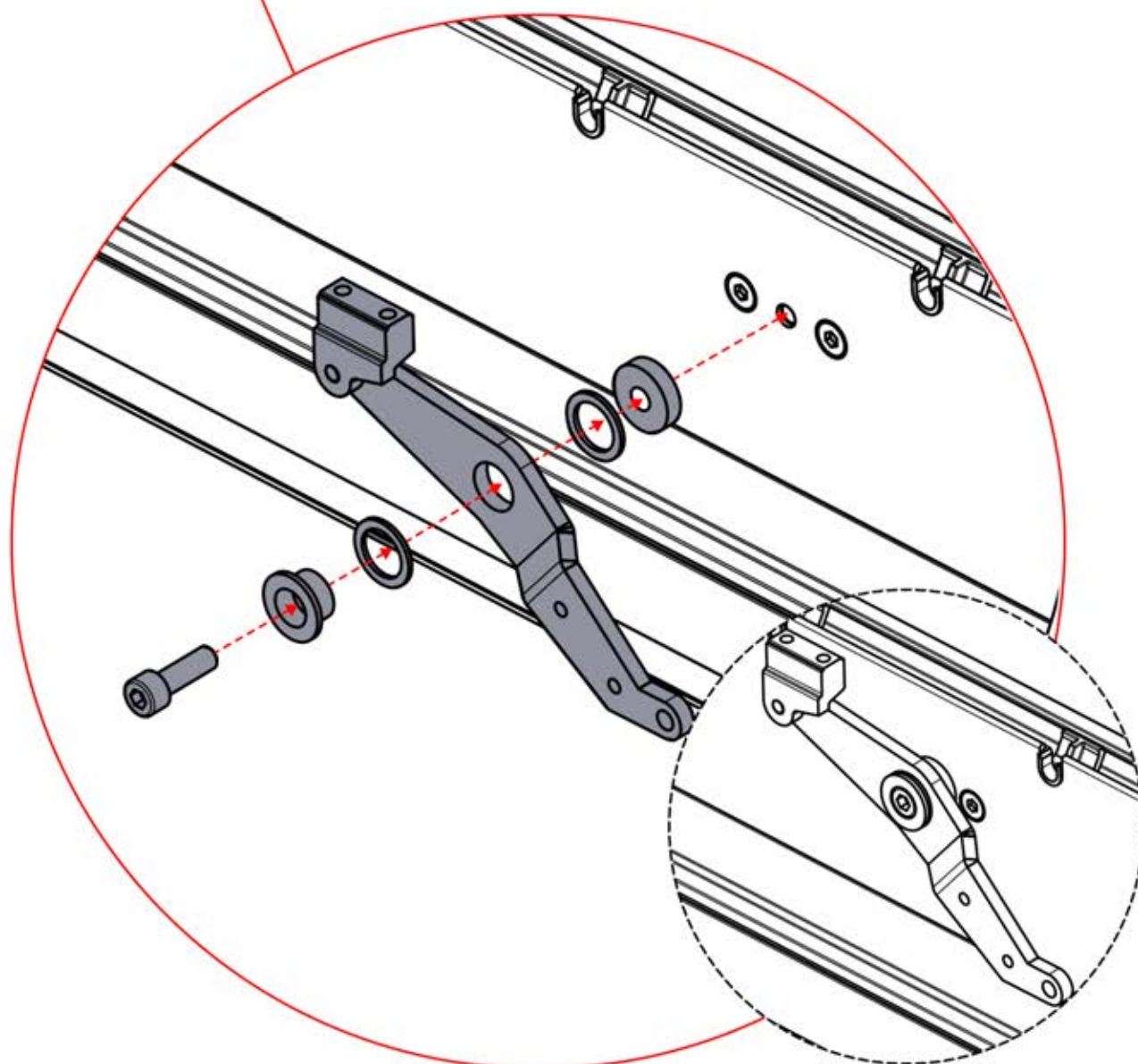
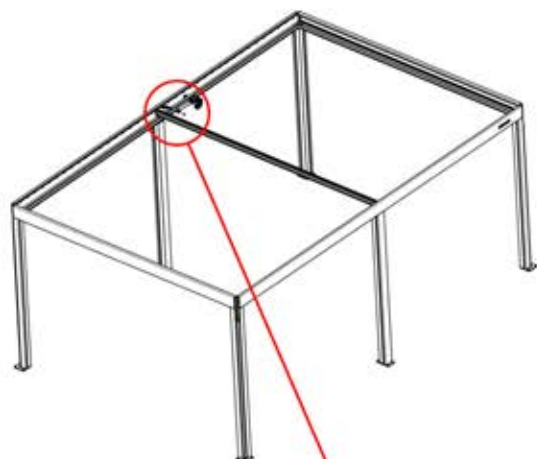
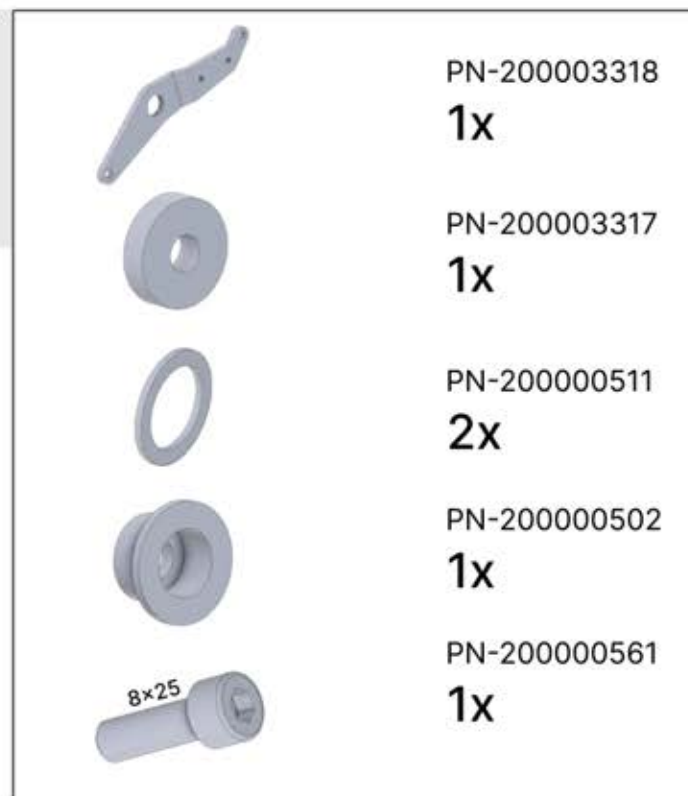
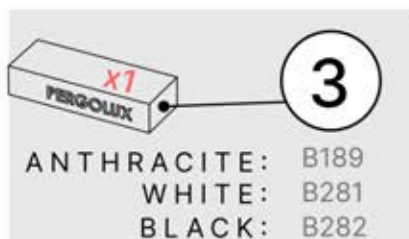
1x



15



16

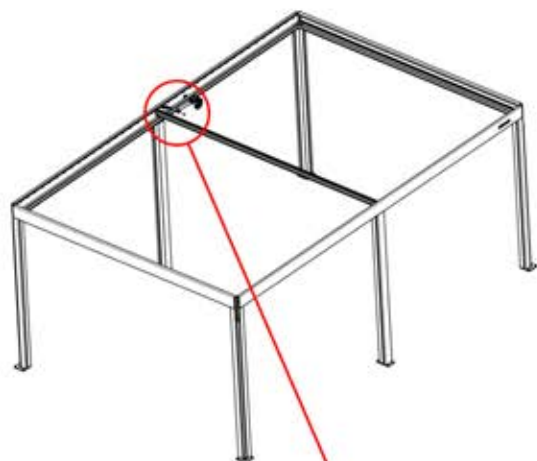


17



3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



PN-200003367

1x



PN-200000853

2x



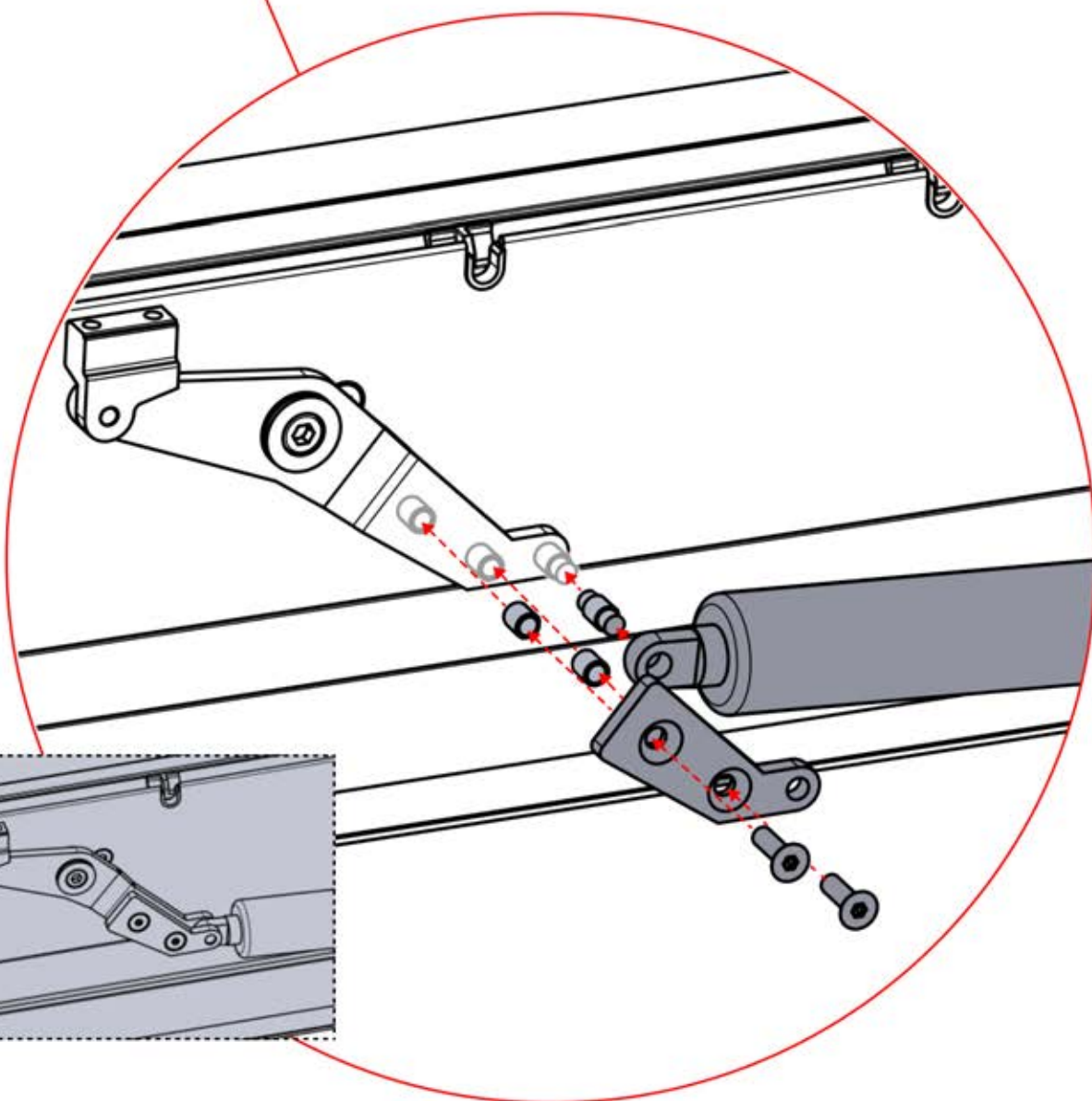
PN-200003370

1x

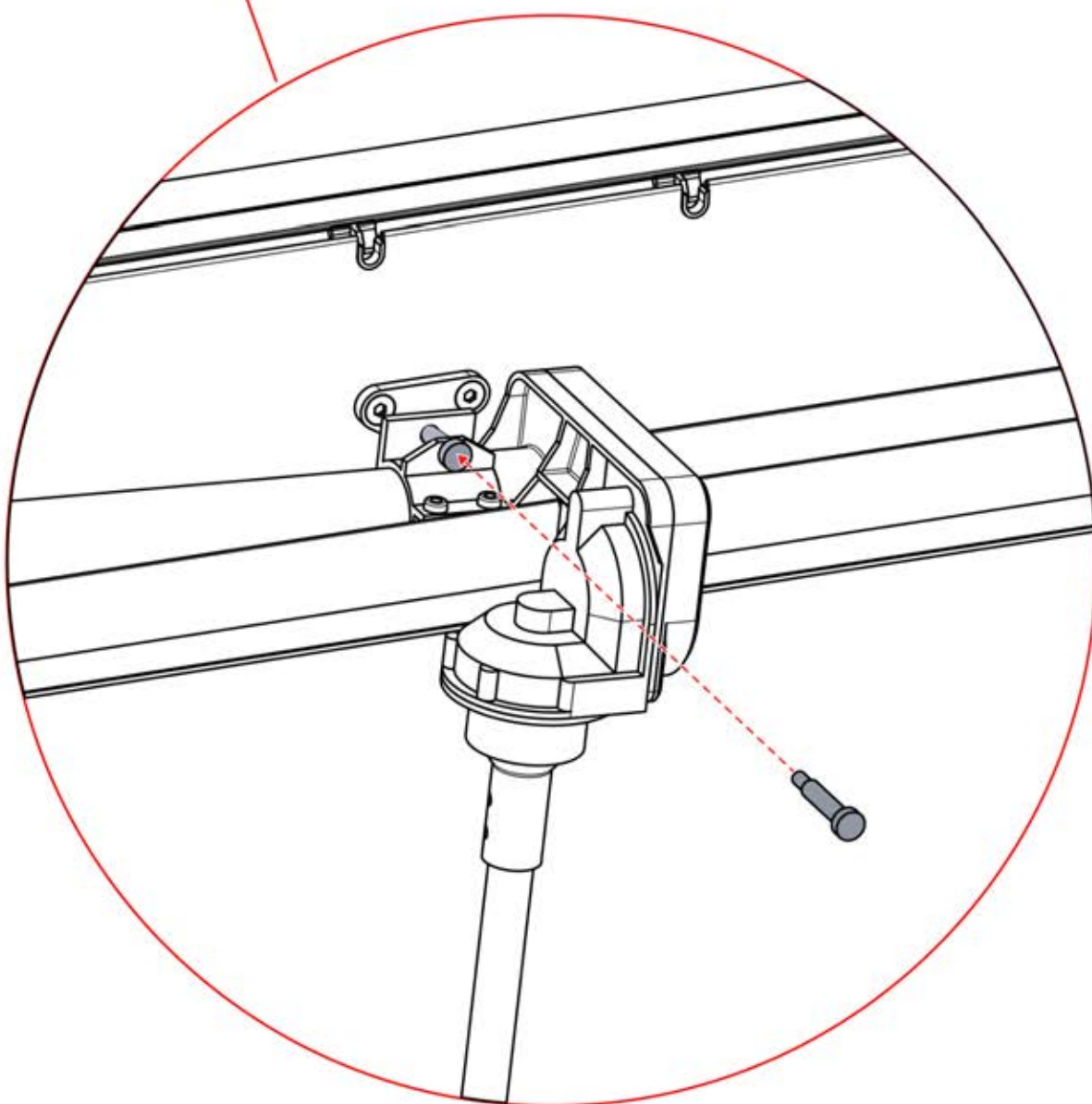
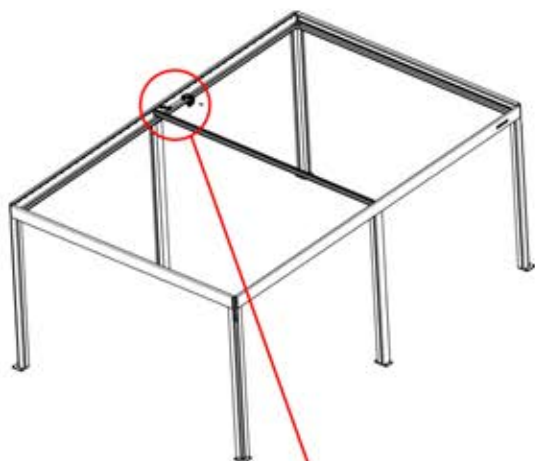
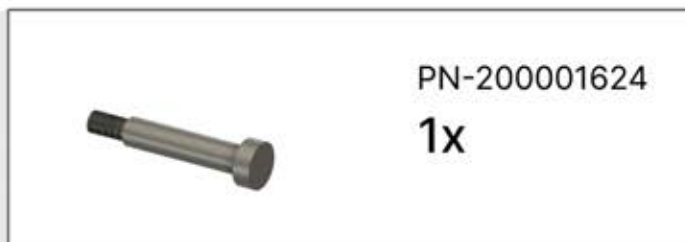
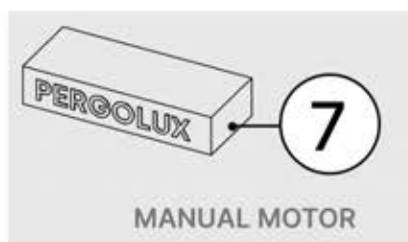


PN-200003368

2x



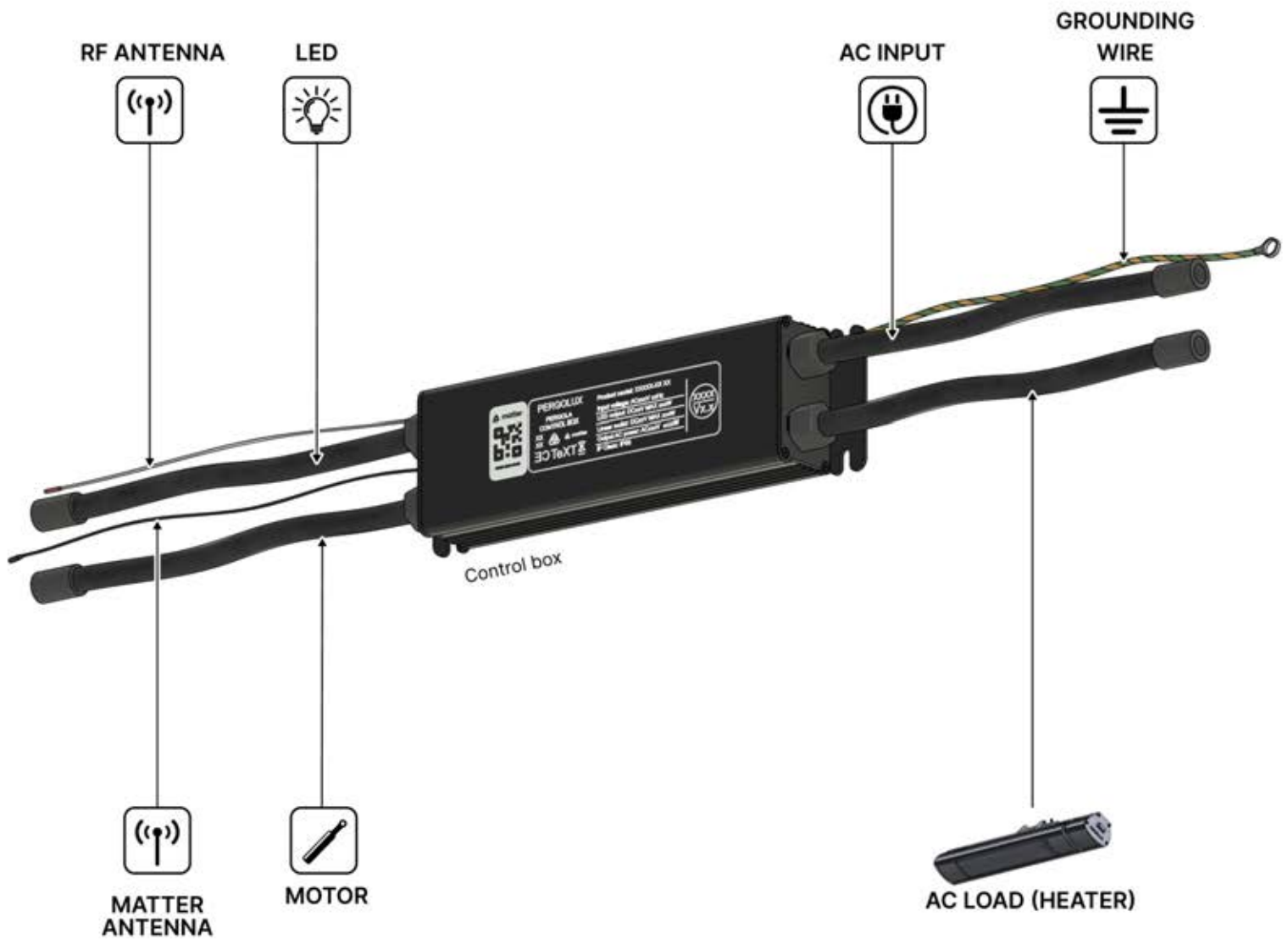
18



INPUTS AND OUTPUTS



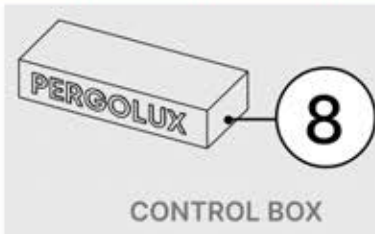
** Only if you ordered LED lights to your pergola.



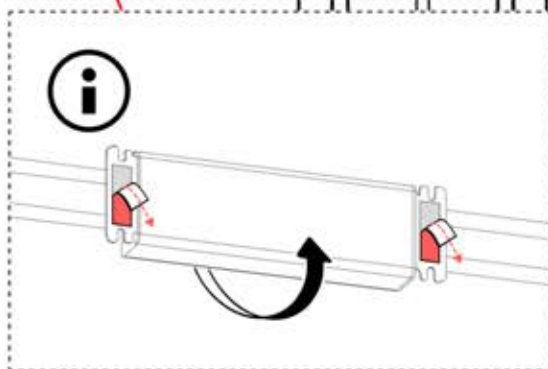
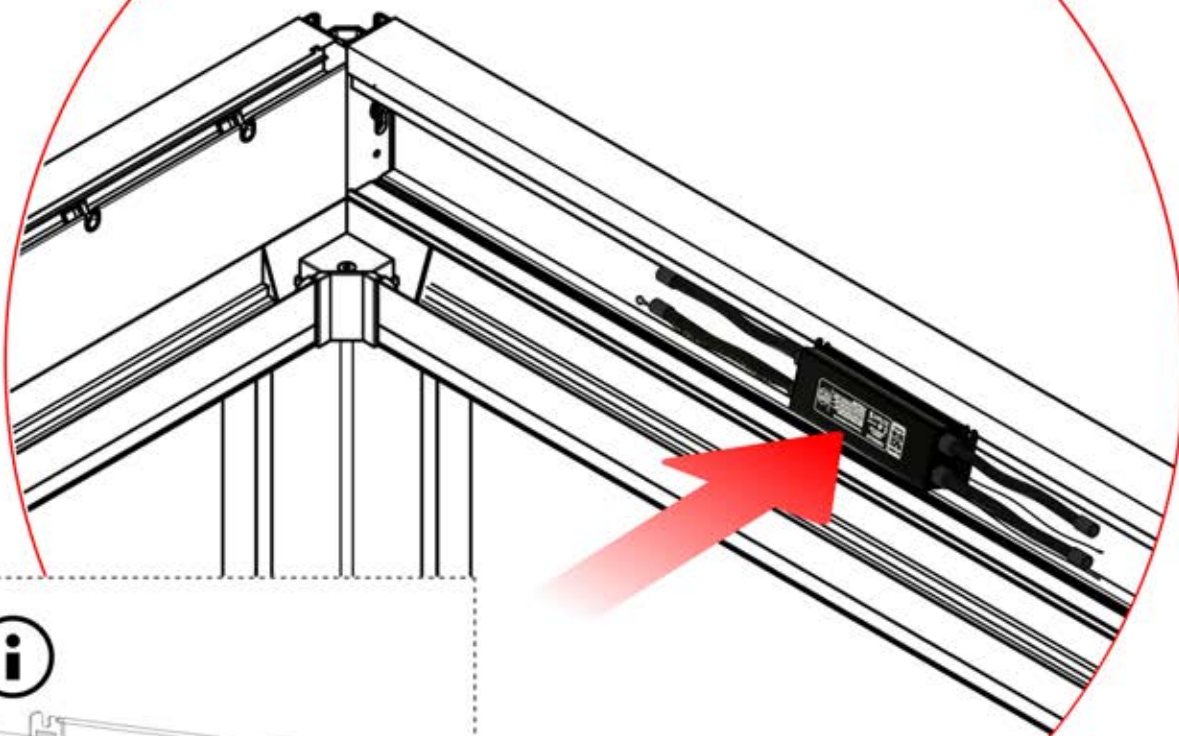
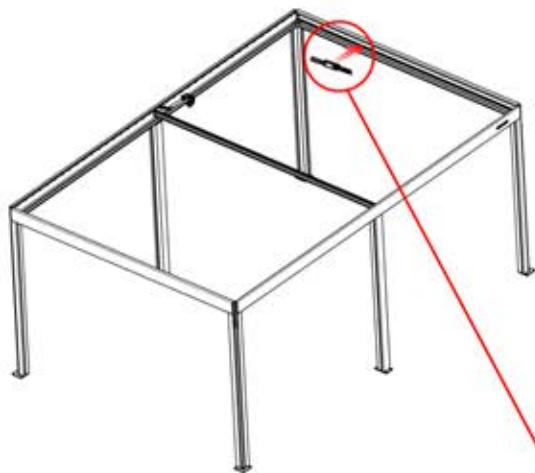


**** Only if you ordered LED lights to your pergola.**

19



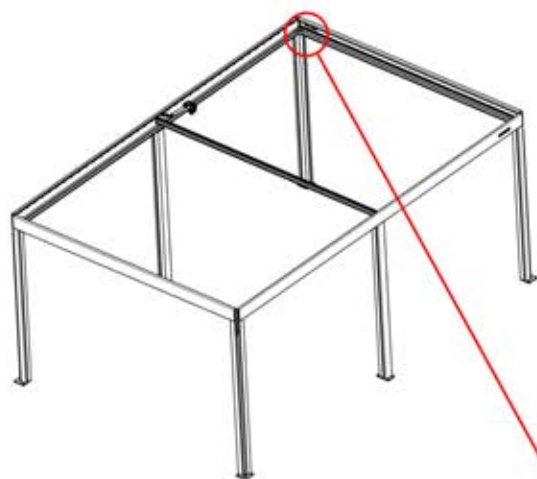
Control Box can be
installed on
Preferred W BEAM





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

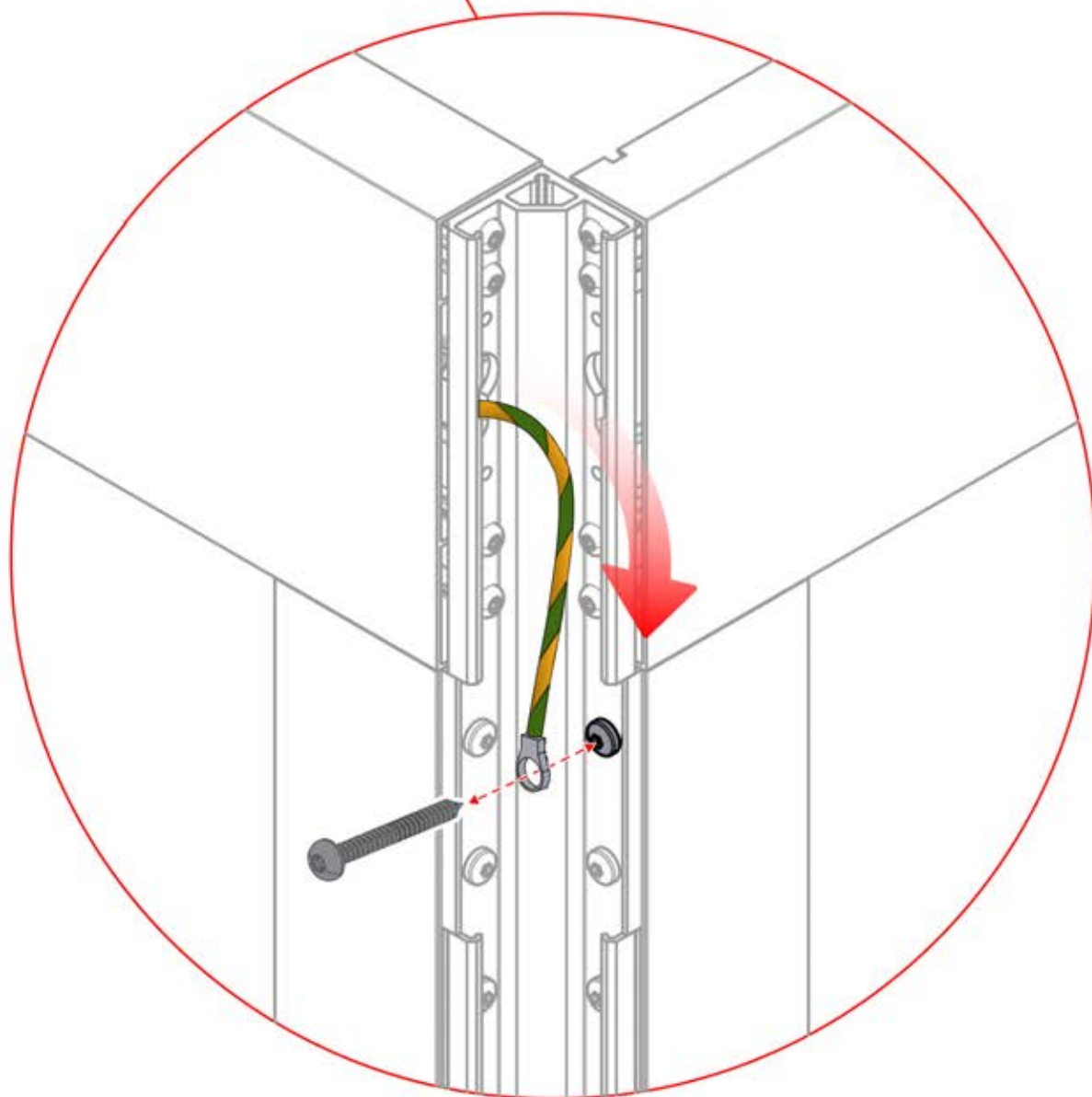
20



**Connect grounding
wire before connecting to
power!**



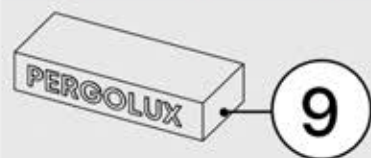
GROUNDING





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

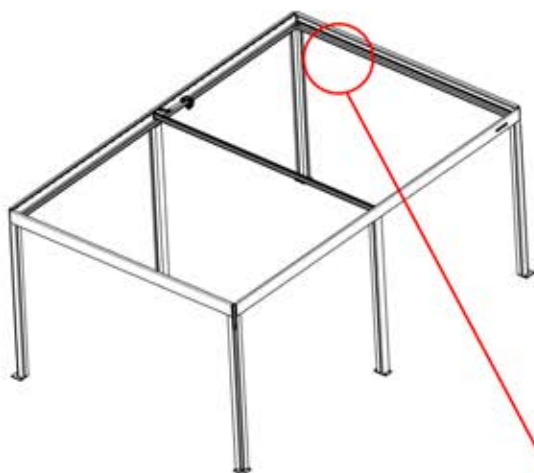
21



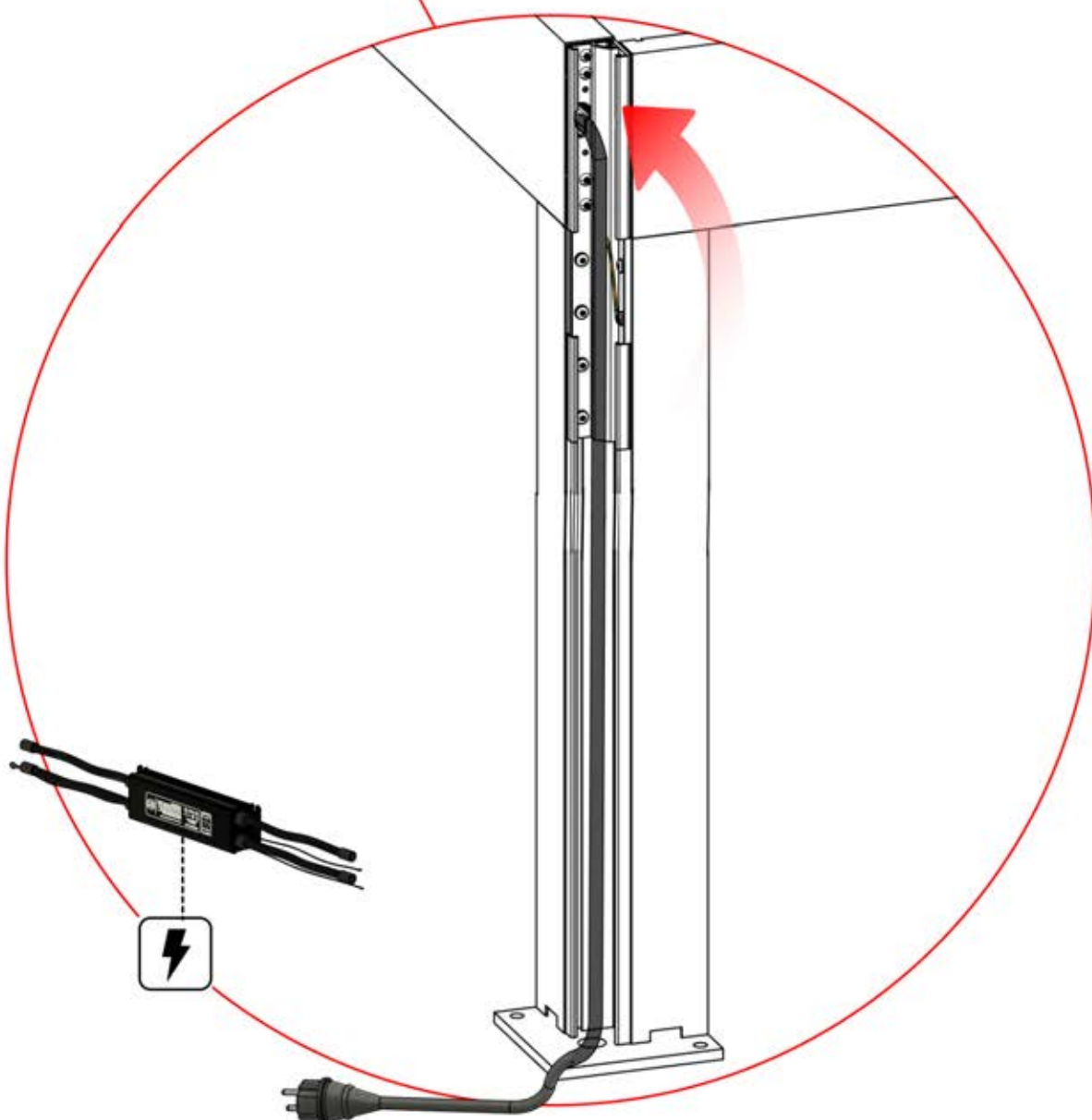
POWER CABLE



Power cable
PN-200003781
1x



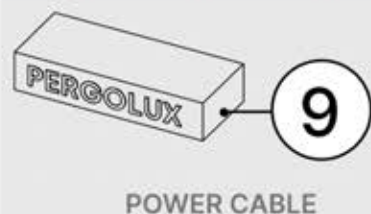
Power Cable can be
routed through all
the Poles.





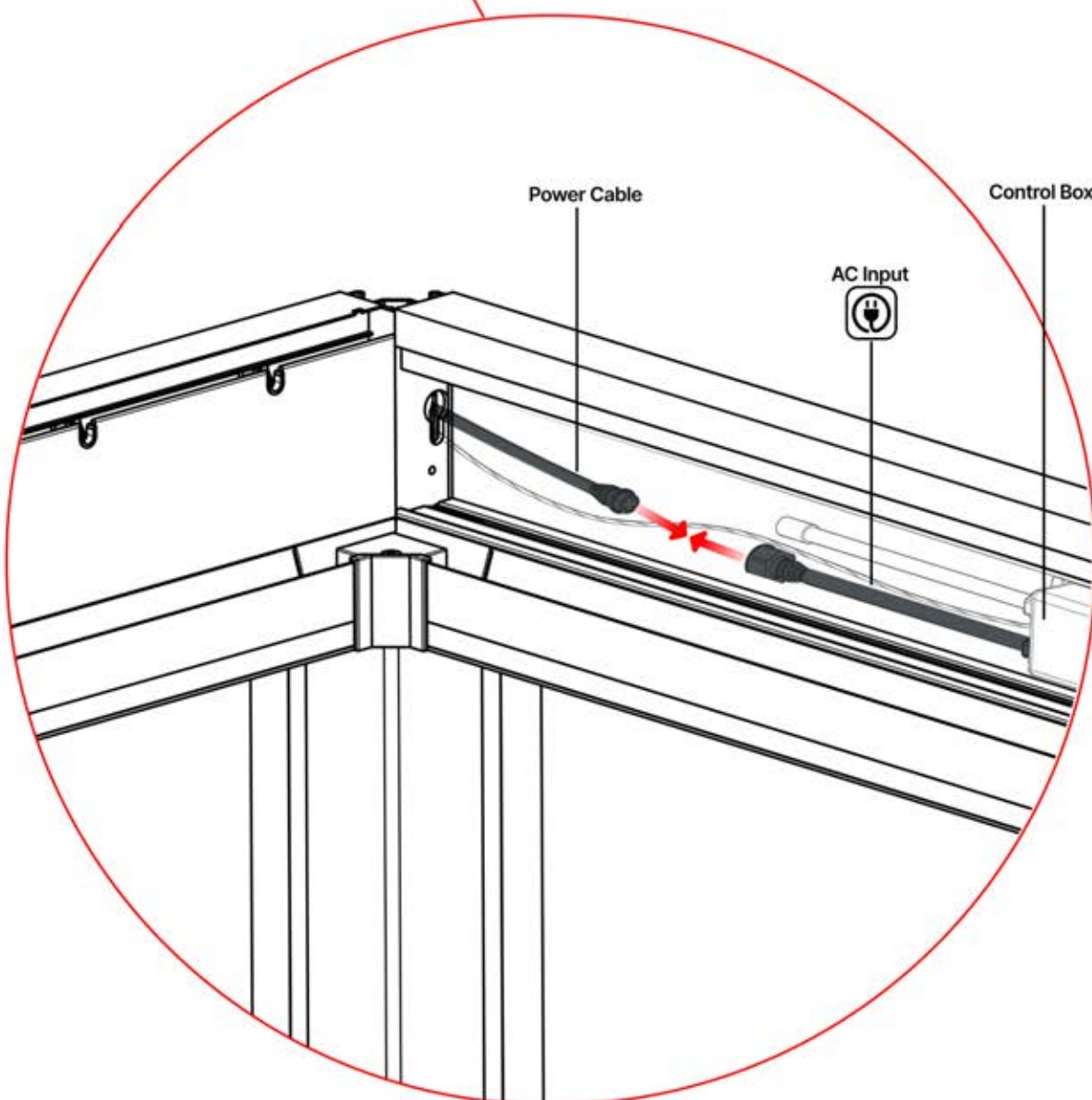
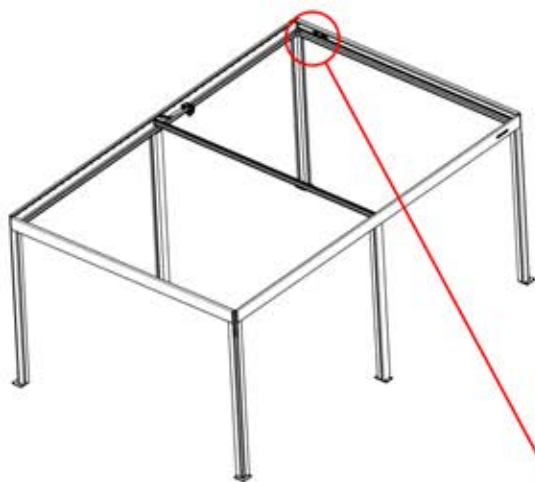
**** Only if you ordered LED lights to your pergola.**

22



Power cable

1x





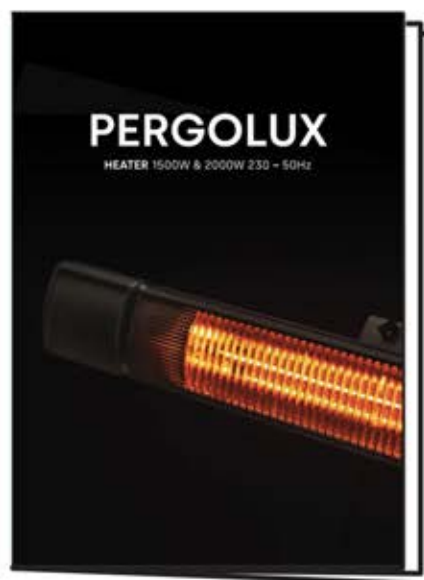
** Only if you ordered LED lights to your pergola.

23

1

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

Follow the instructions in the heater assembly manual.



2

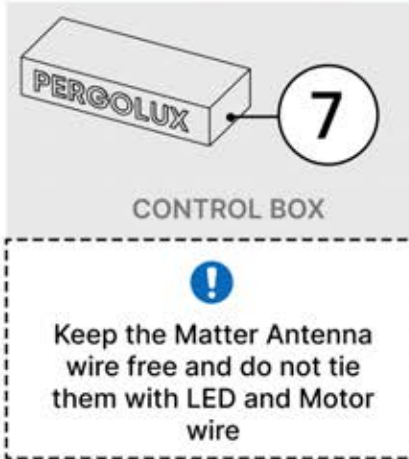
It's time to connect the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.



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

24



S4



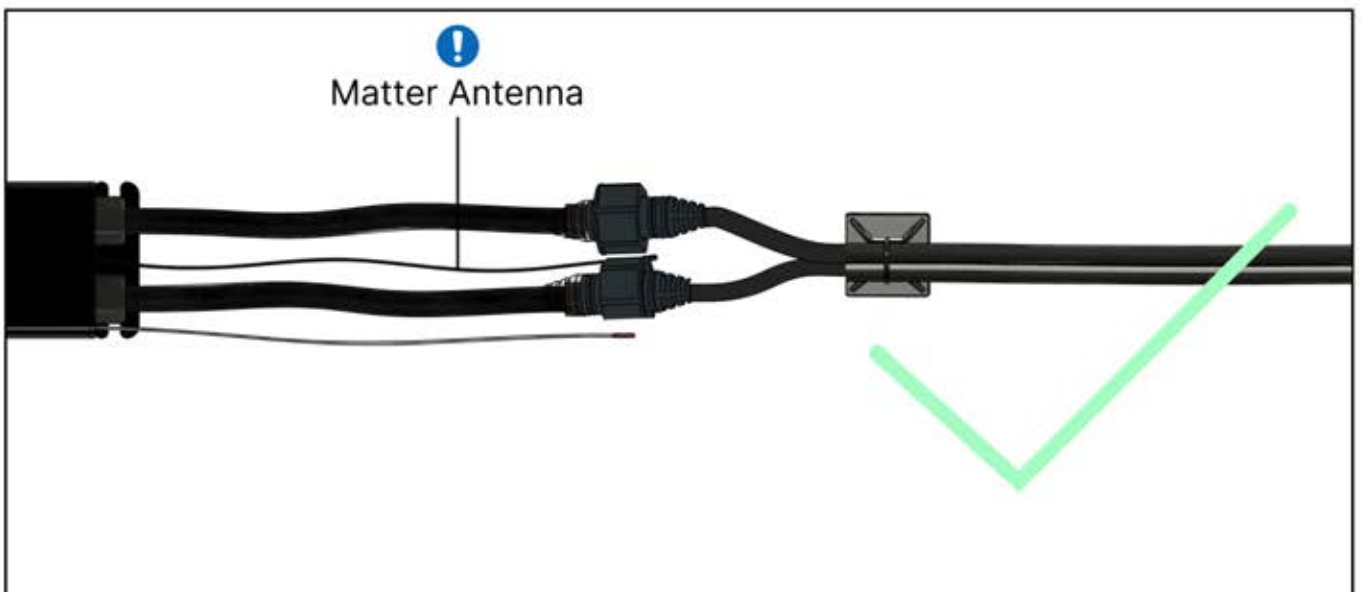
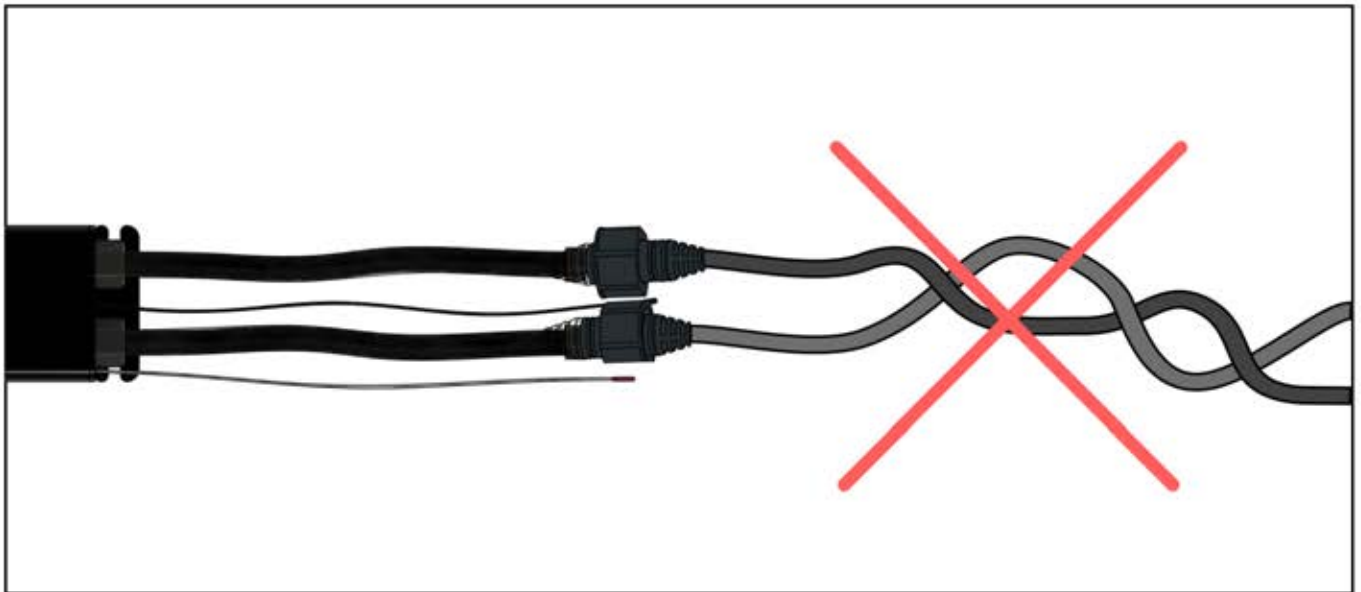
PN-200002683

5x

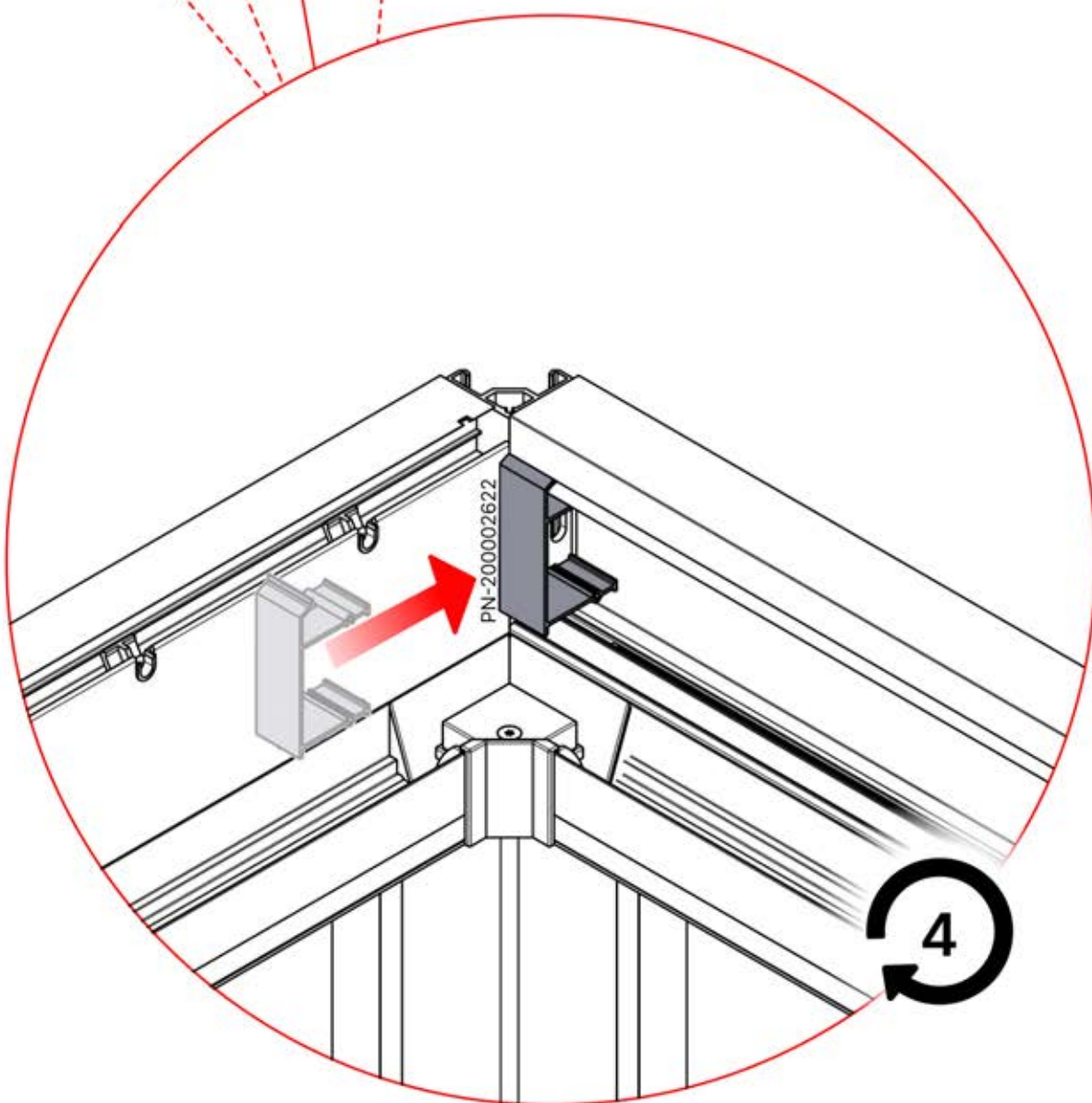
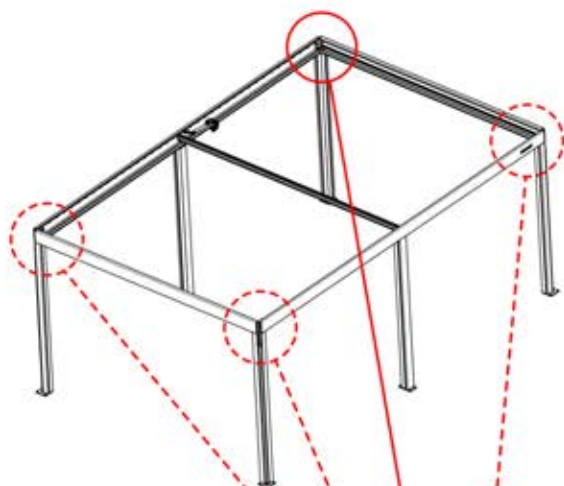
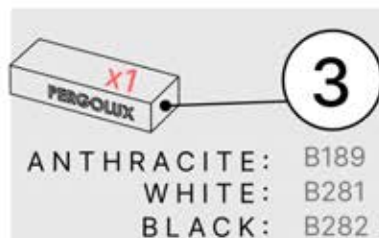


PN-200002684

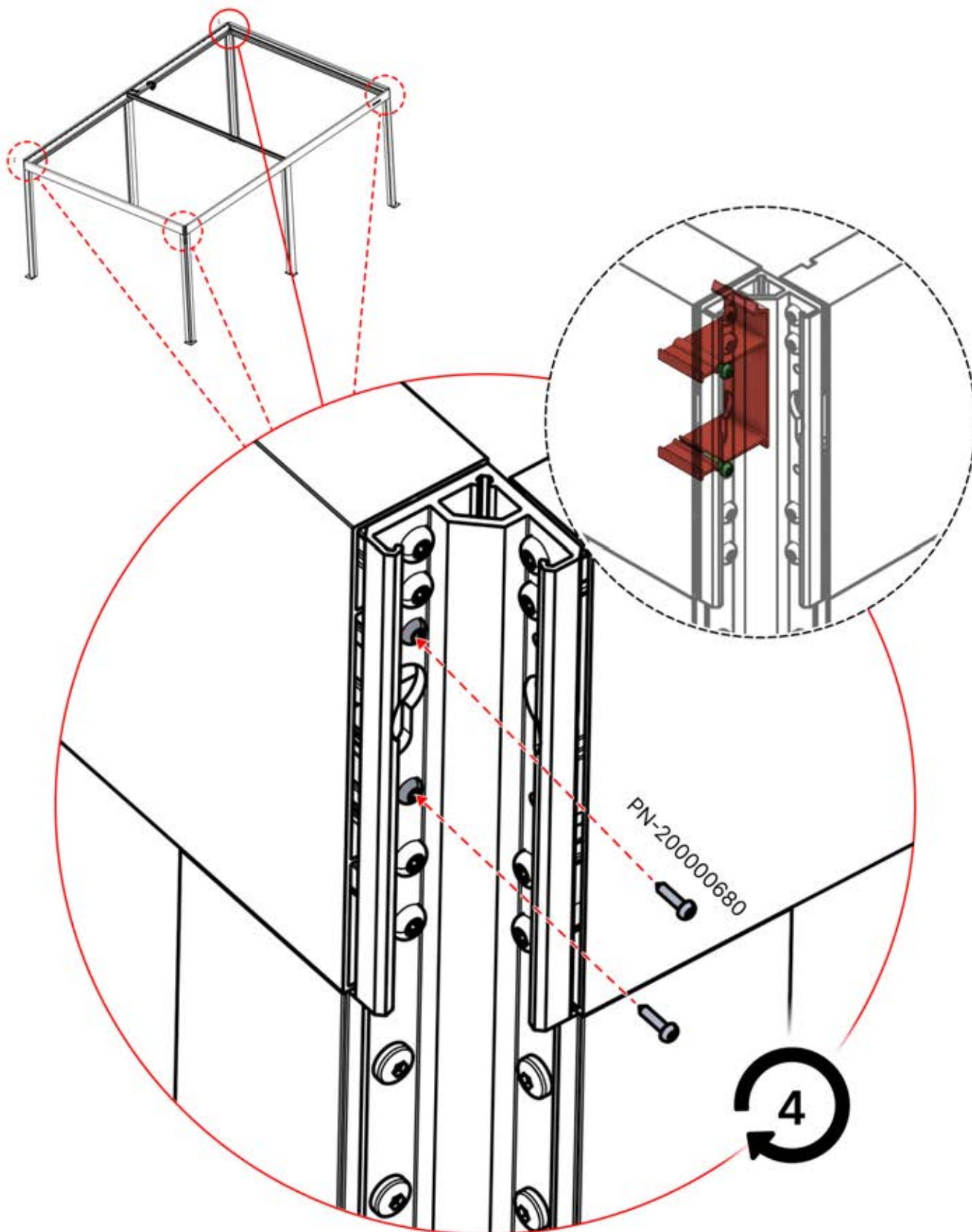
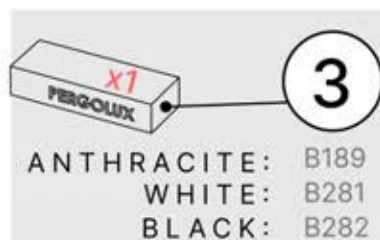
10x



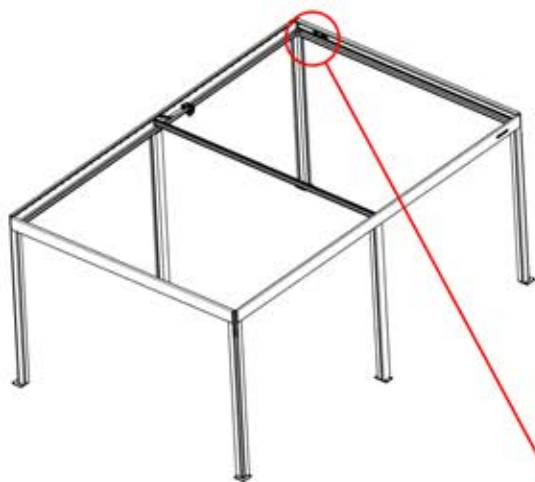
25



26



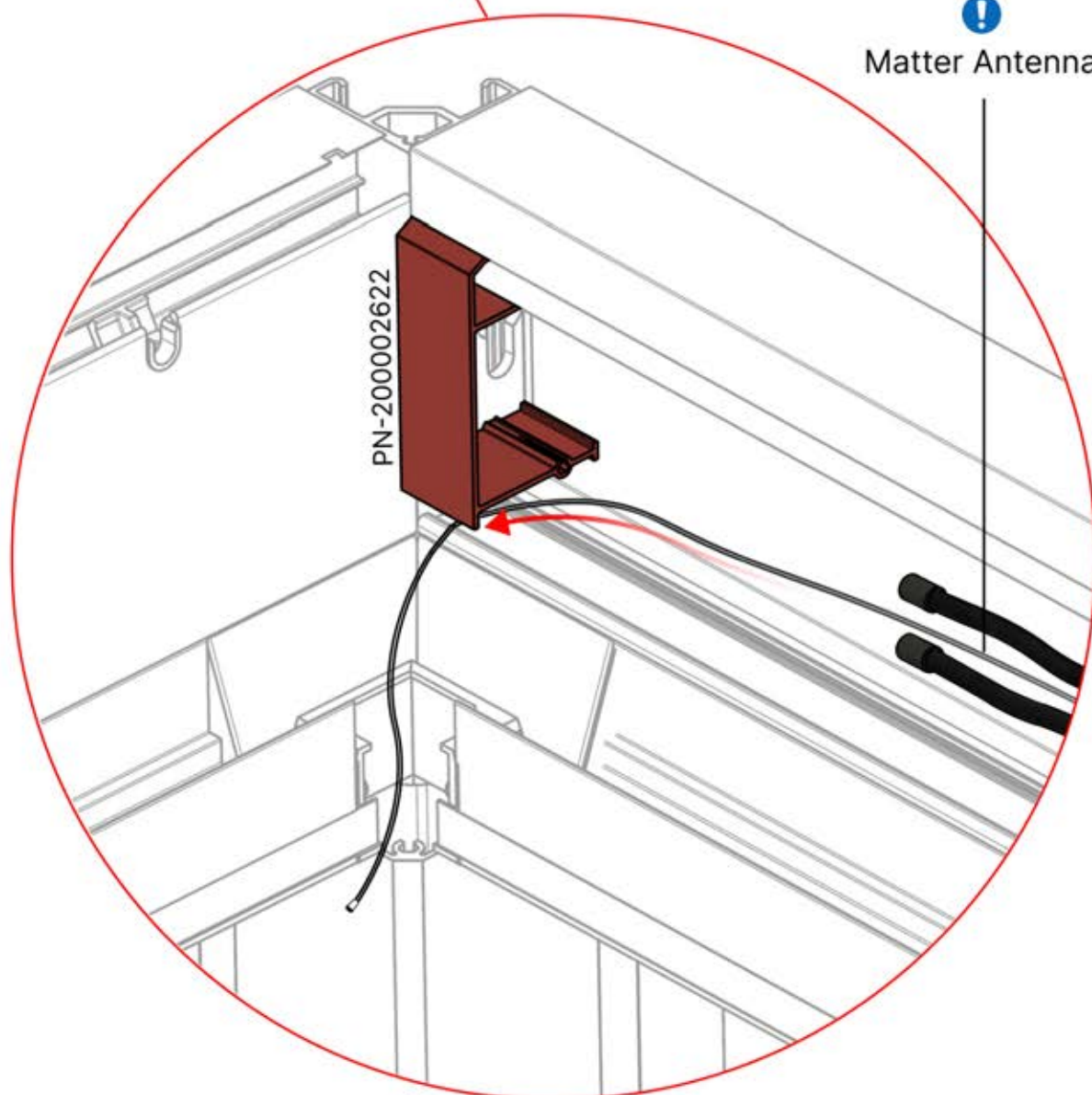
27



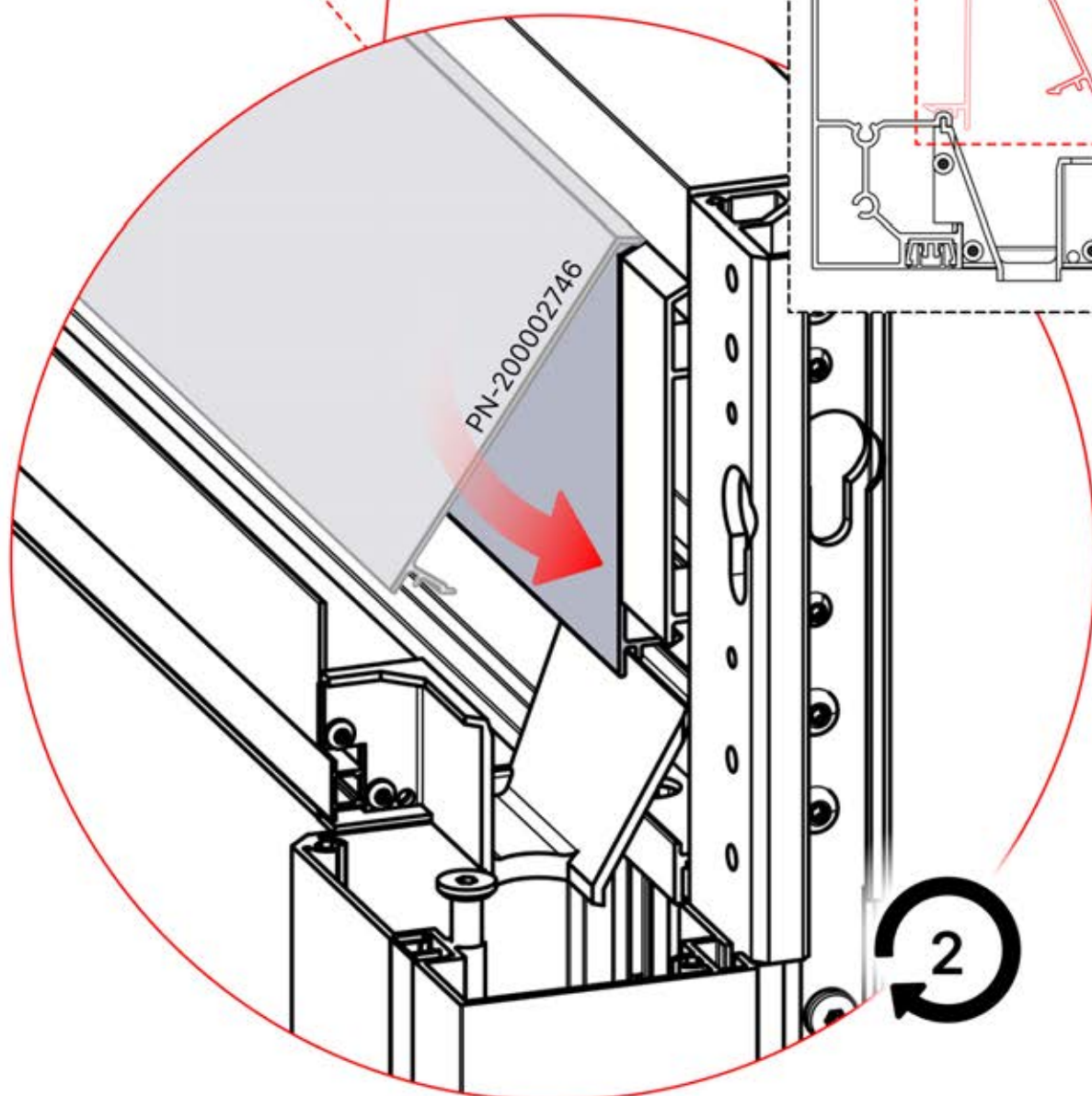
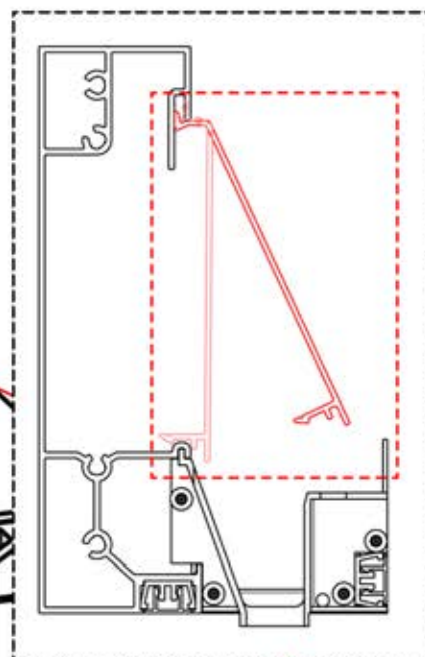
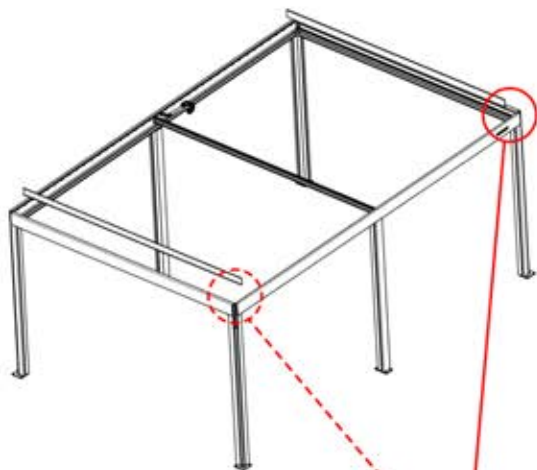
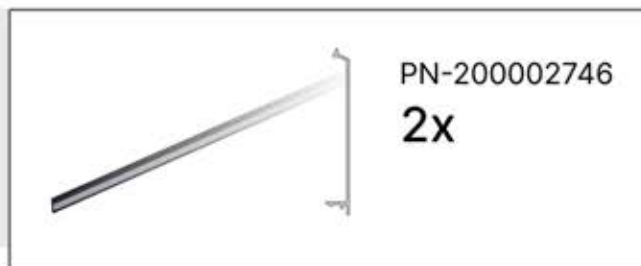
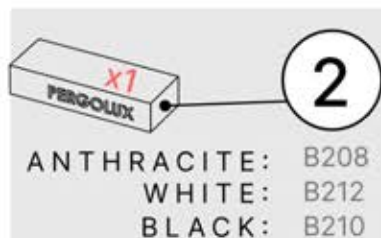
Route the Matter Antenna and place it below the highlighted part(PN-200002622).



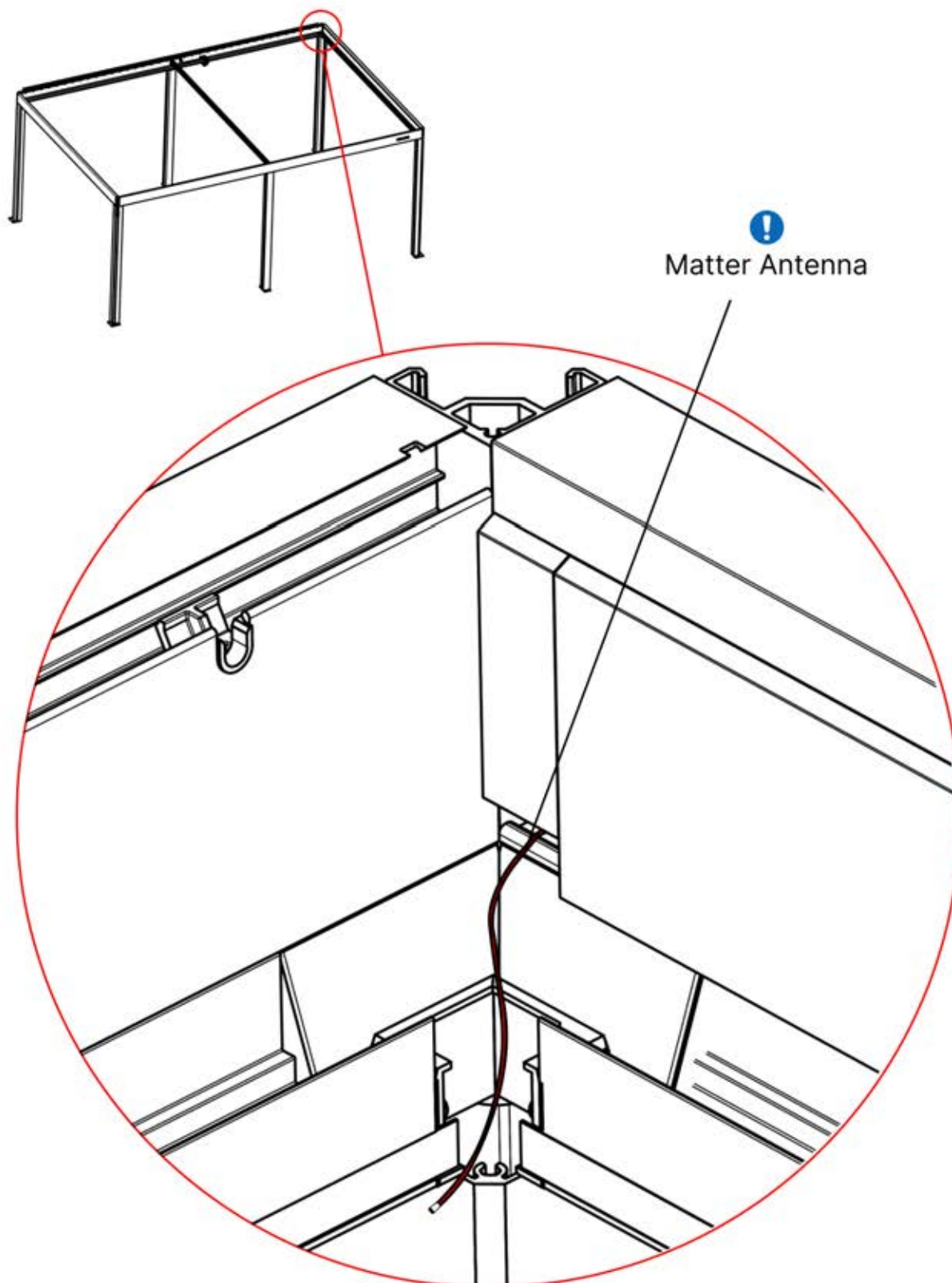
Matter Antenna



28



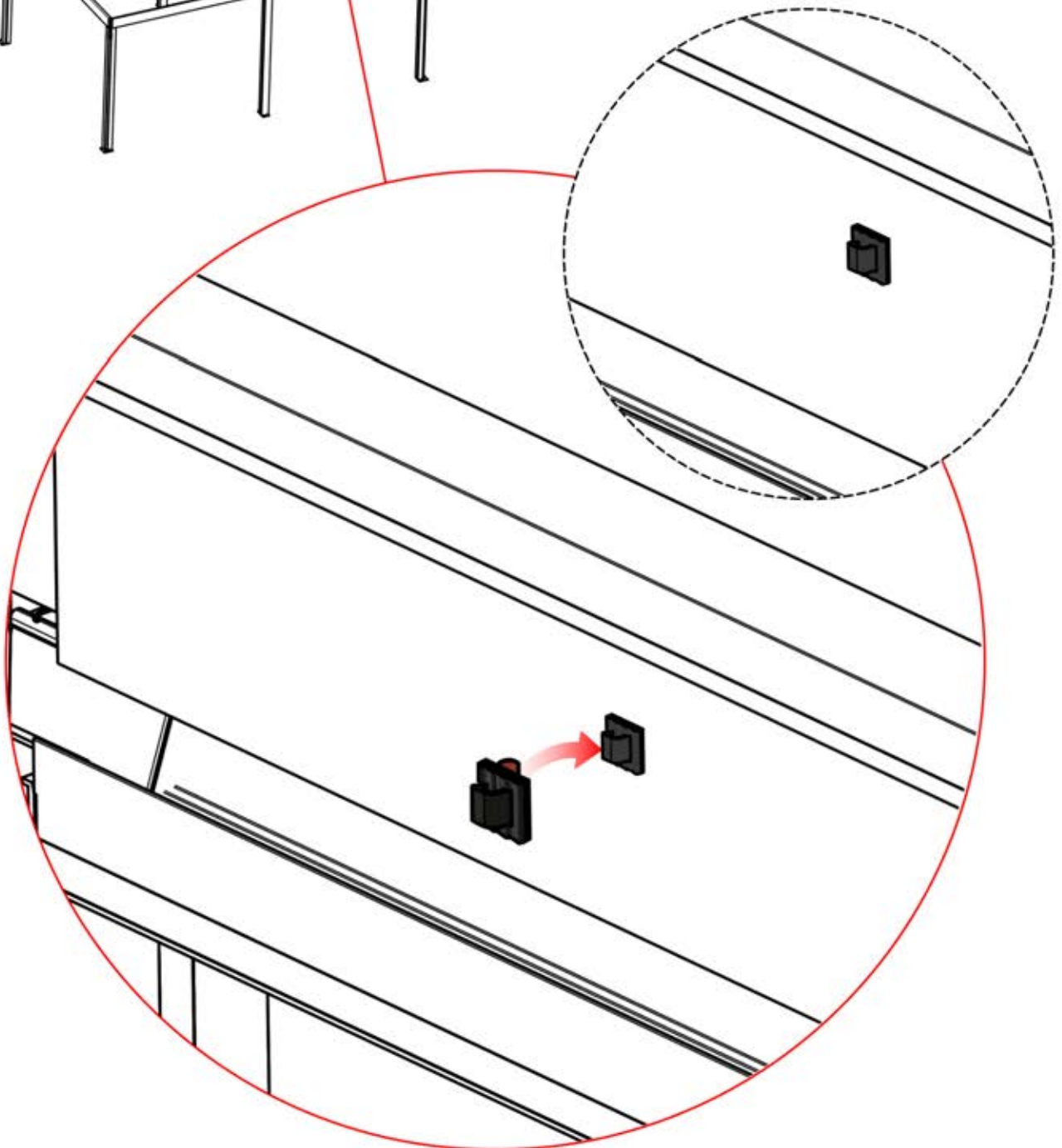
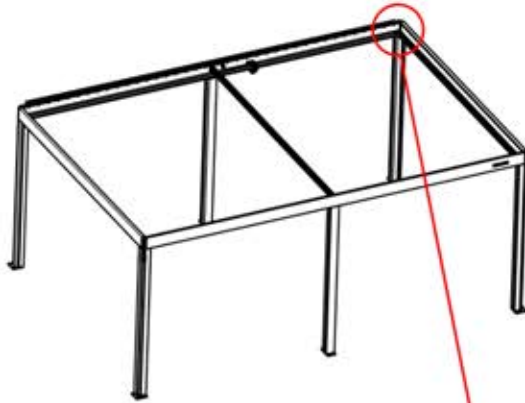
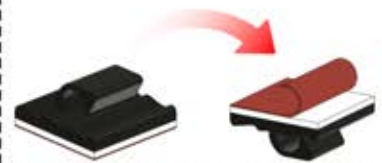
INFORMATION



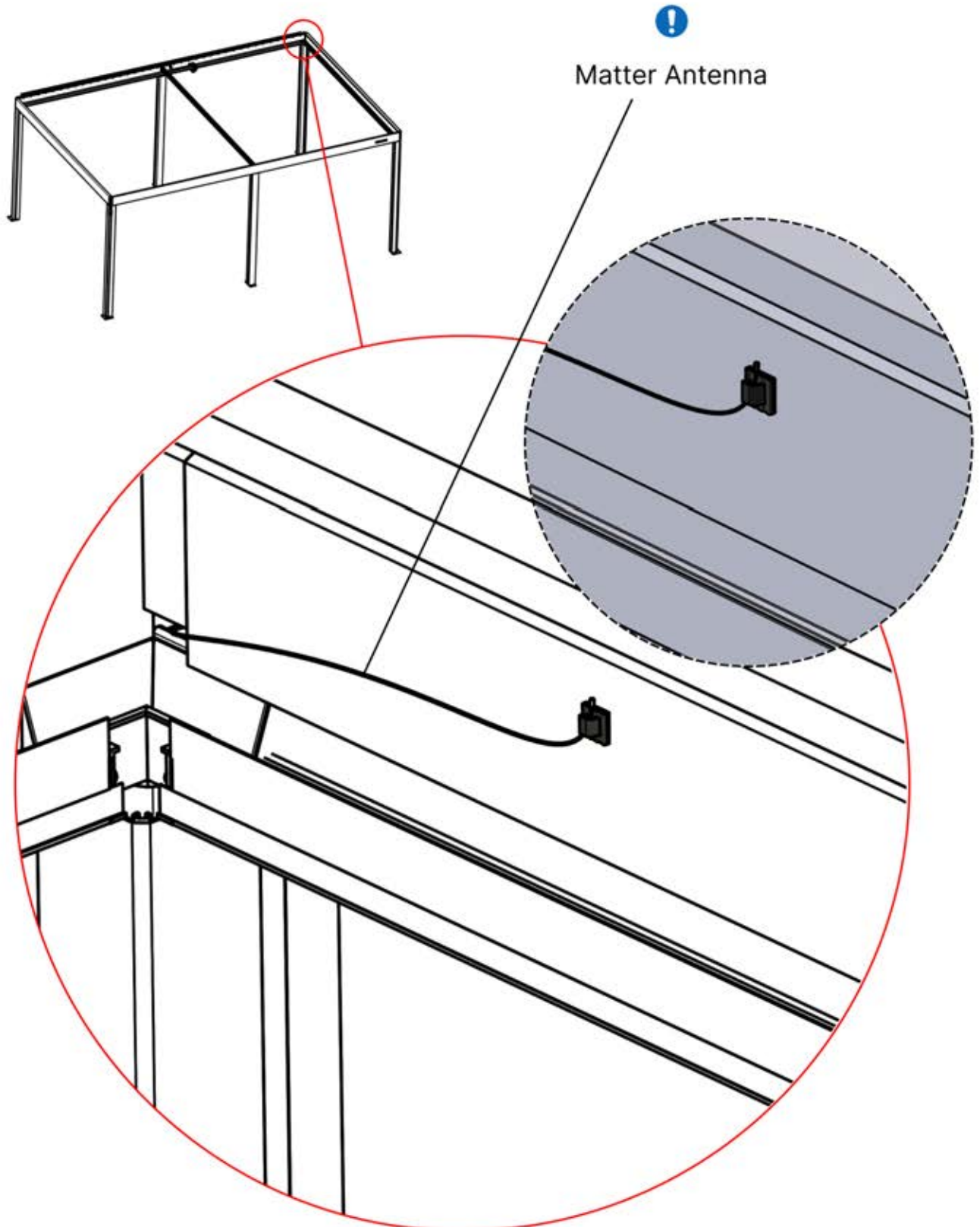
29



Matter Antenna Clip
1x



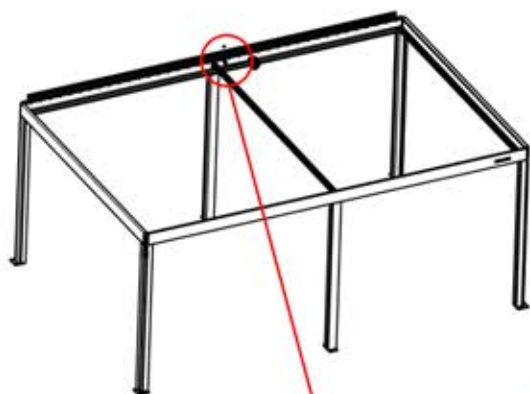
30



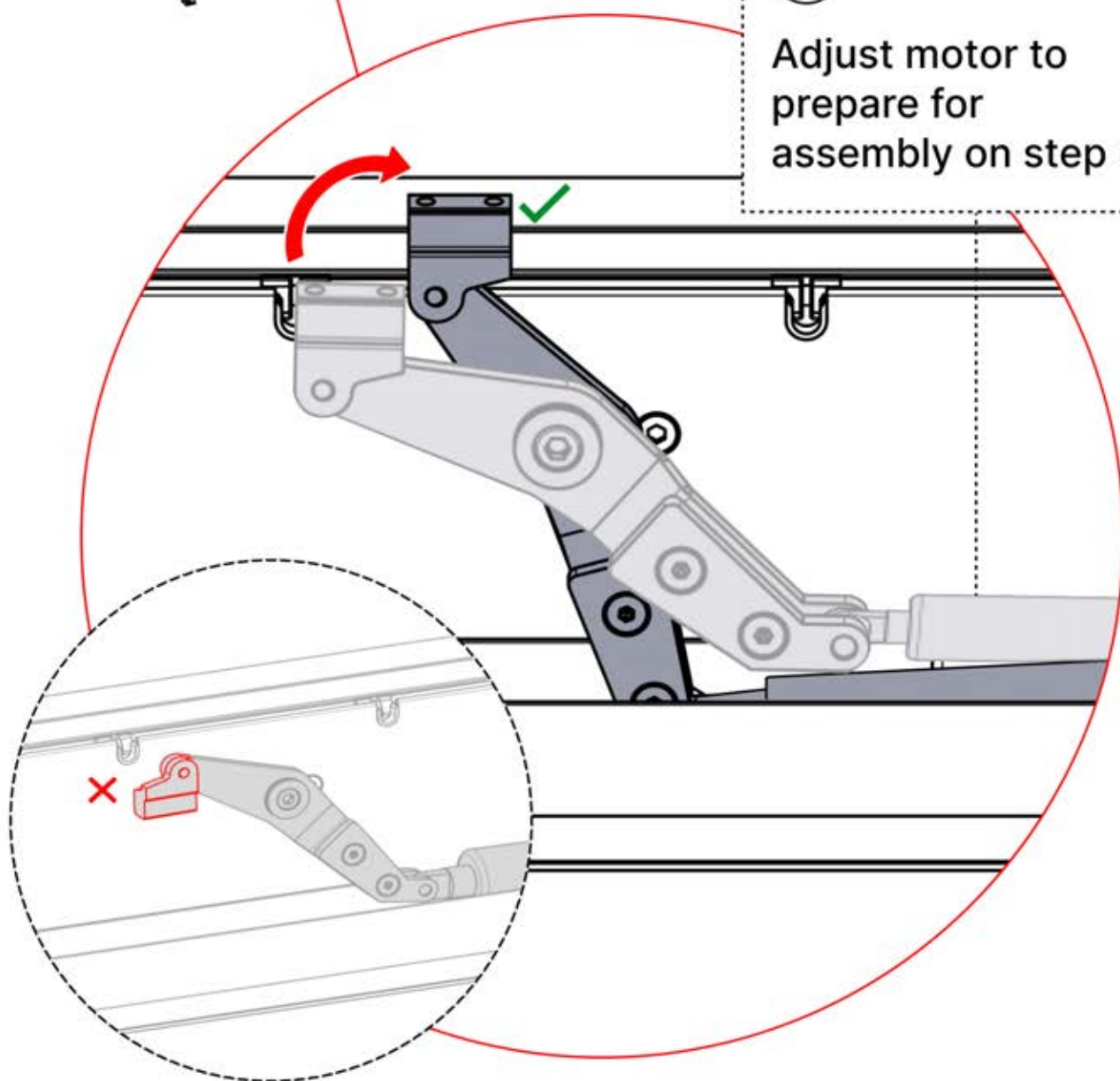
31



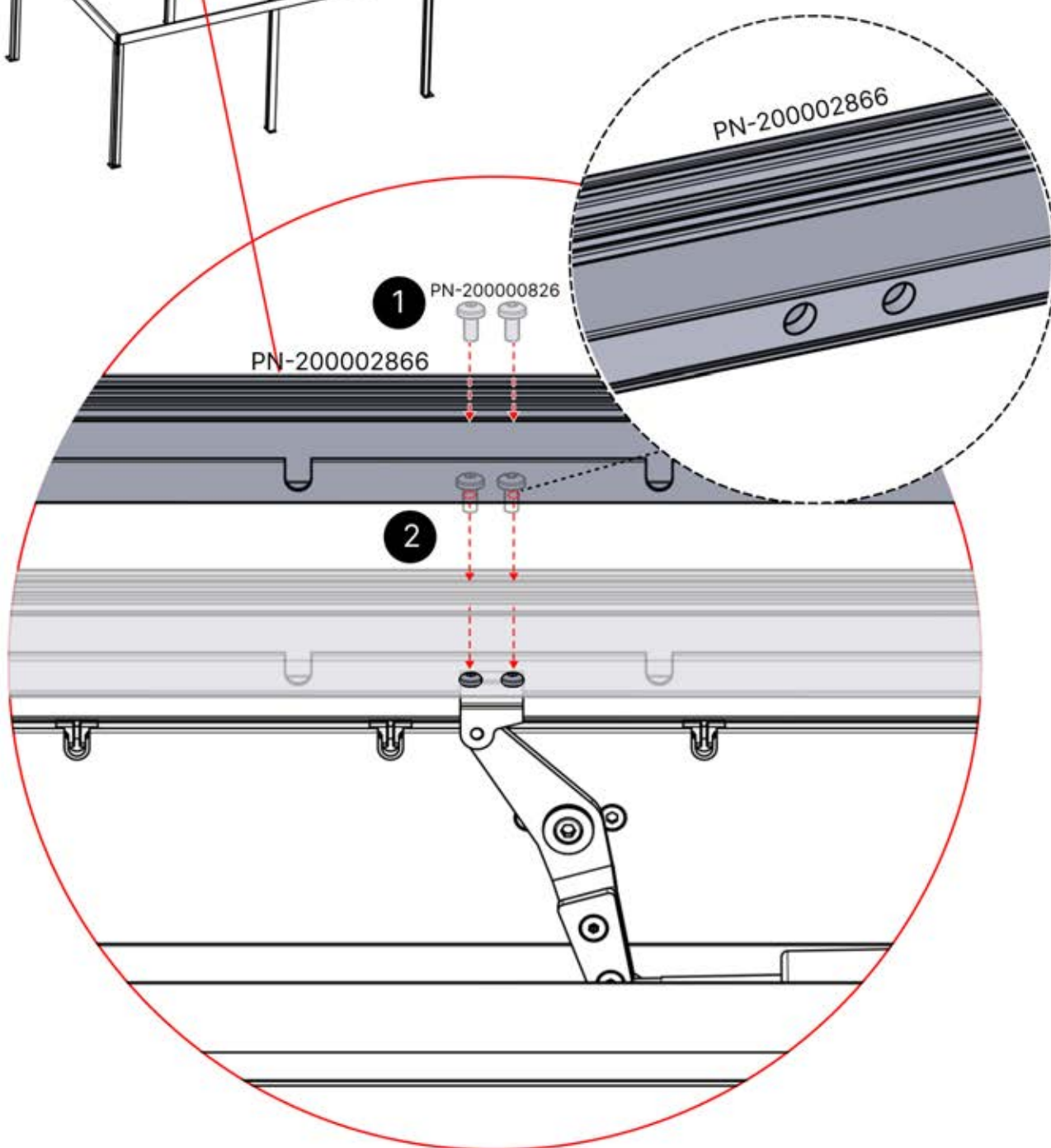
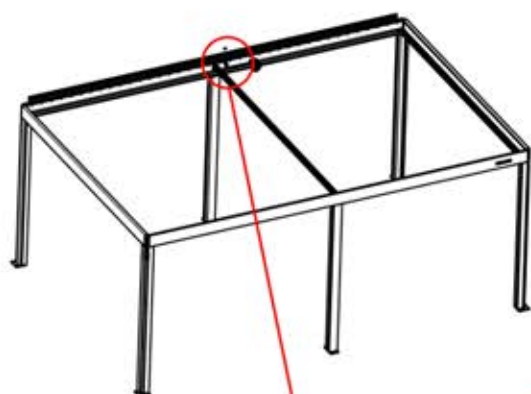
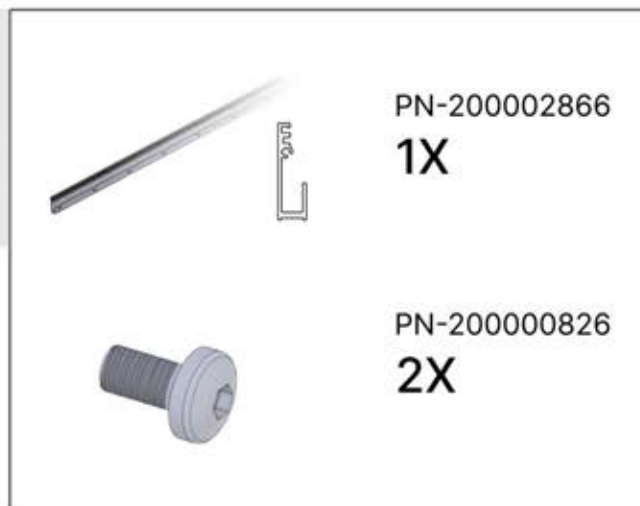
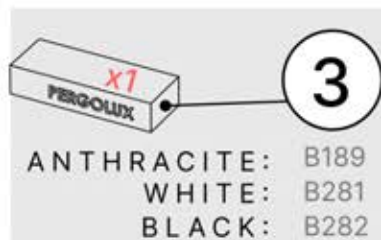
Hand Crank



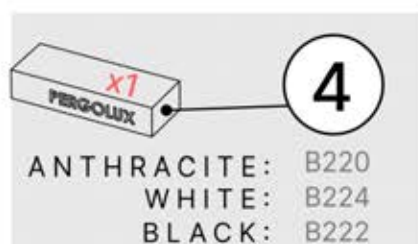
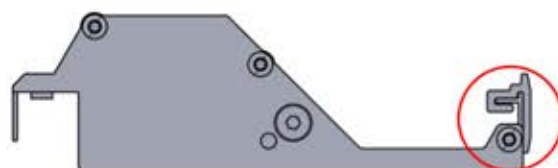
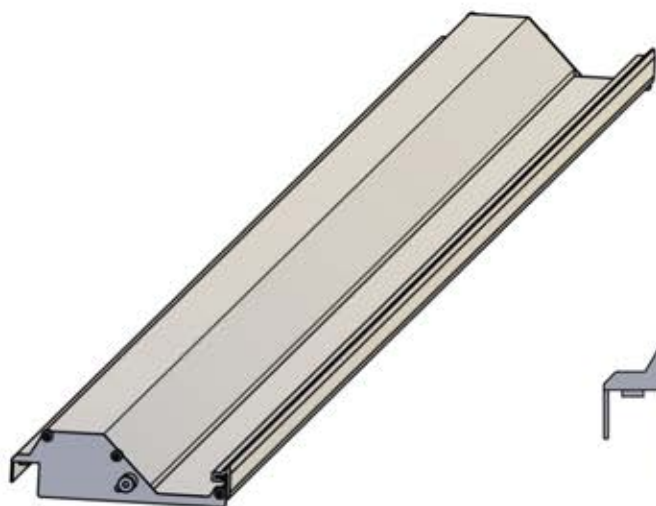
Adjust motor to
prepare for
assembly on step 32



32

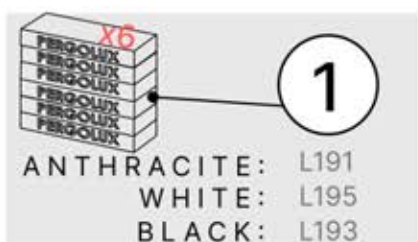
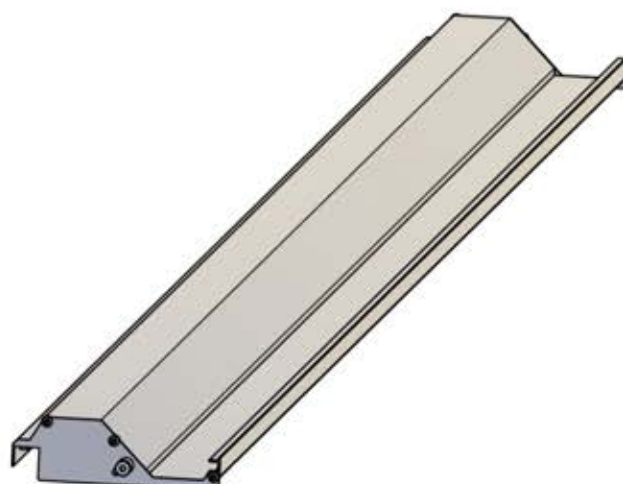
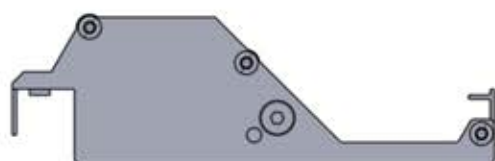


PERGOLA LOUVERS



P.PERGOLA 3M FS END LOUVER
PN-200002718

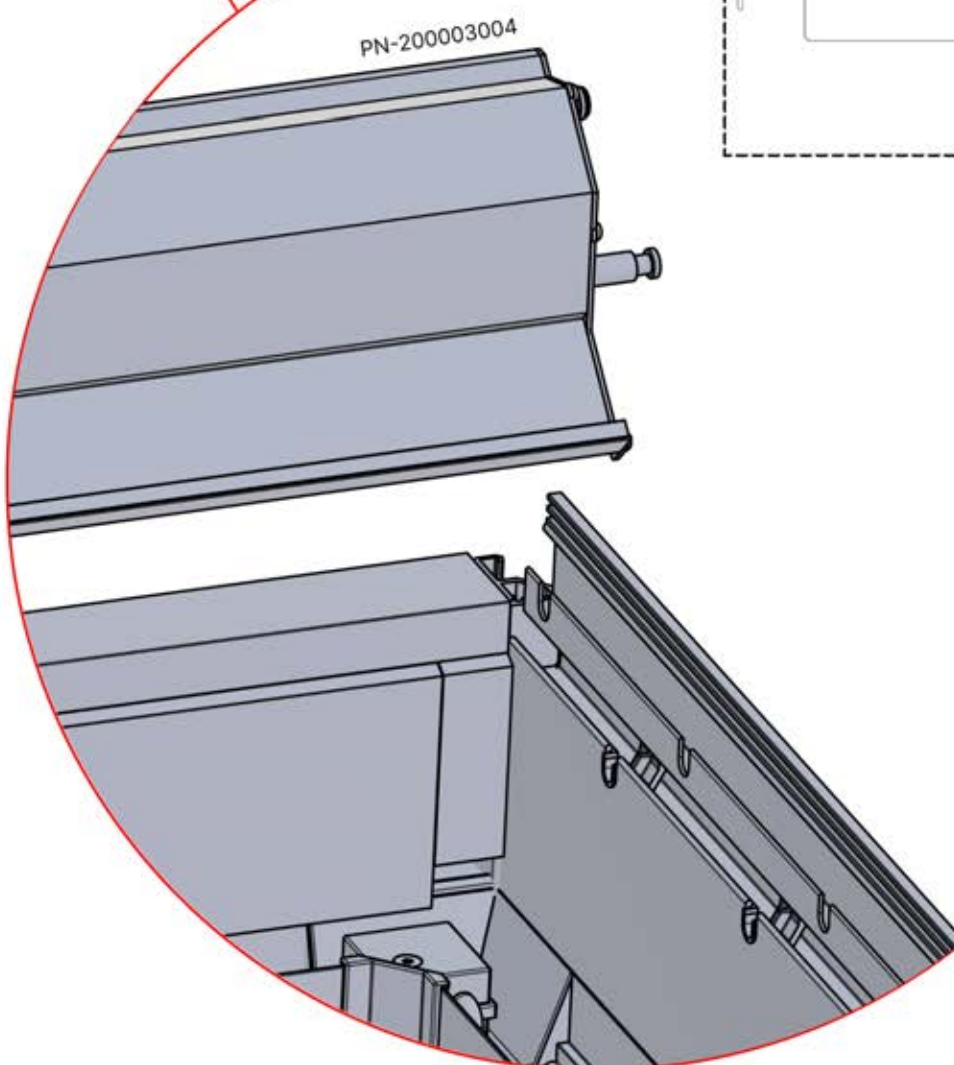
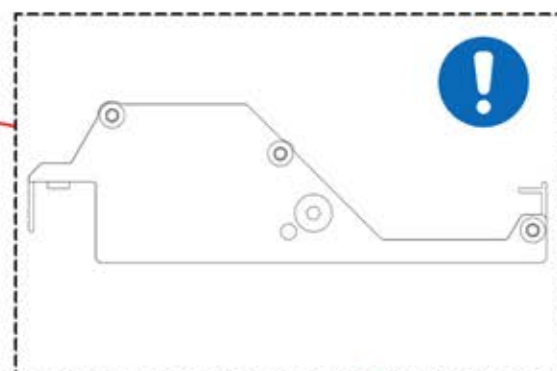
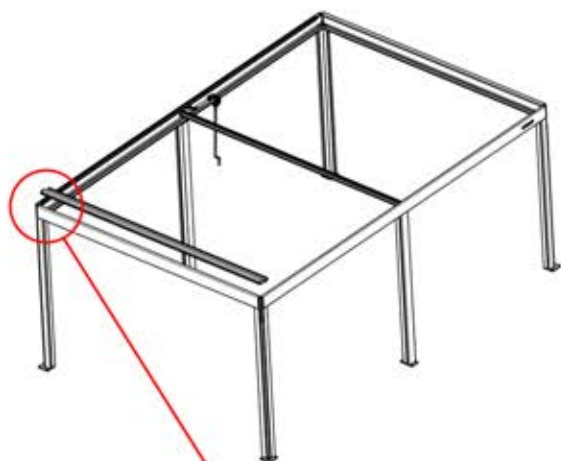
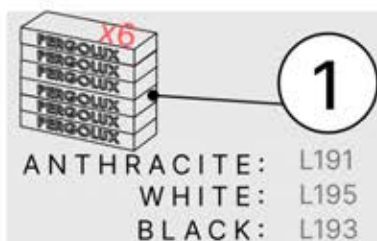
1x



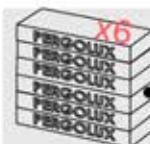
P.PERGOLA 3M FS LOUVER
PN-200002714

37x

33

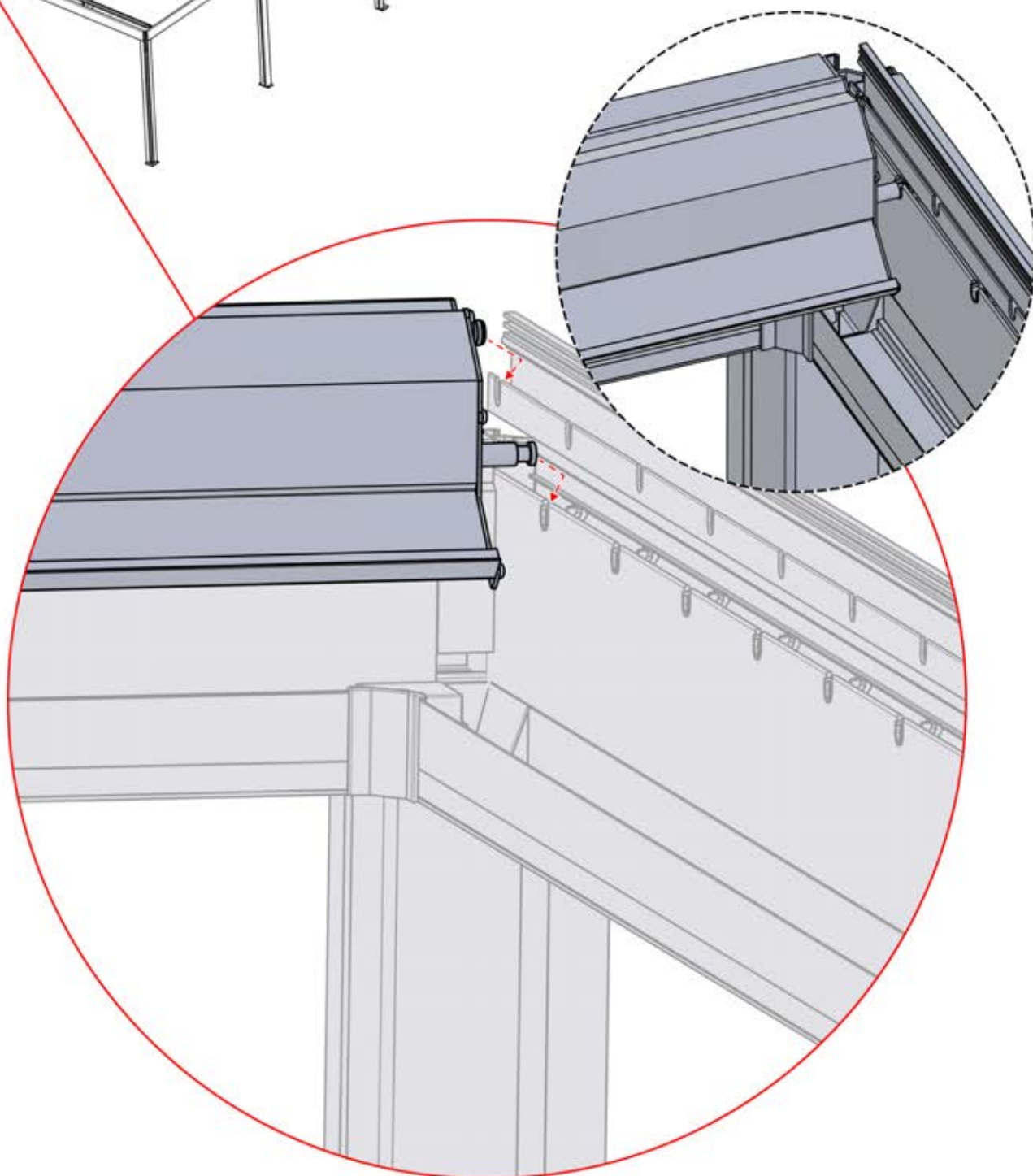
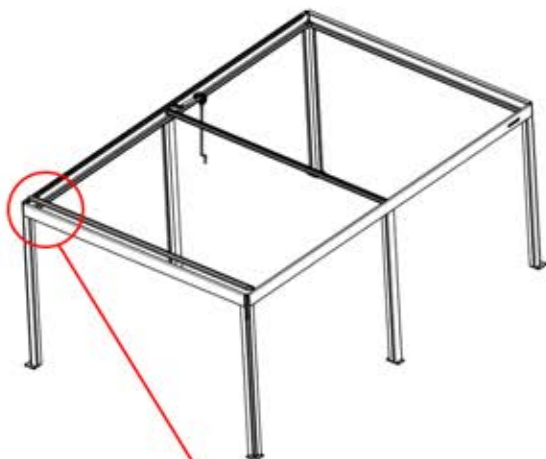


34

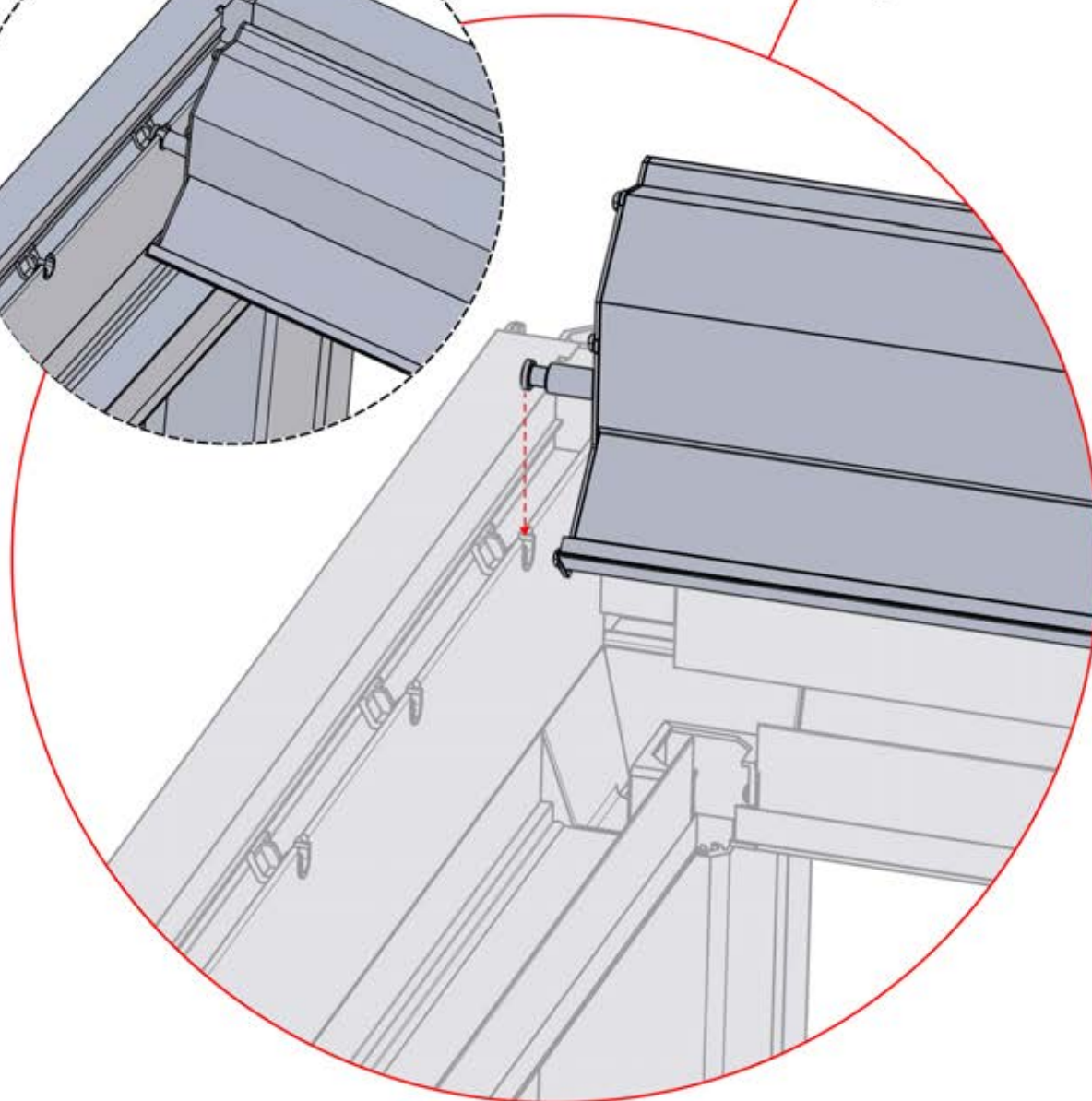
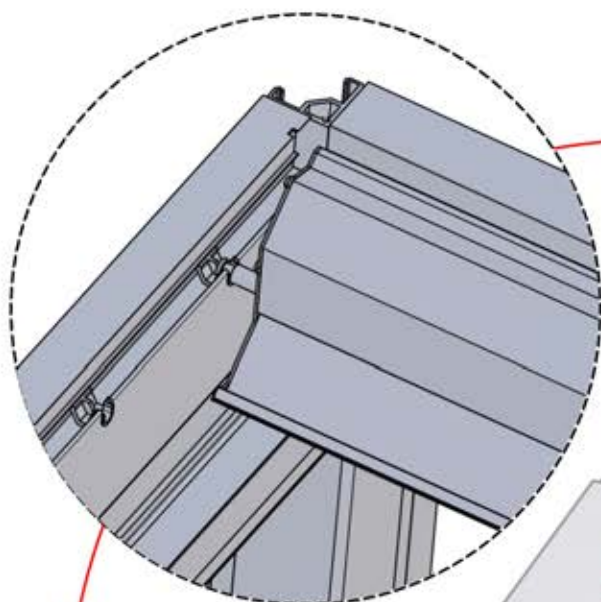
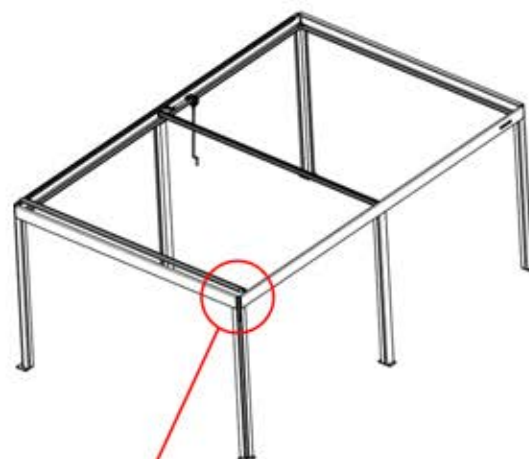
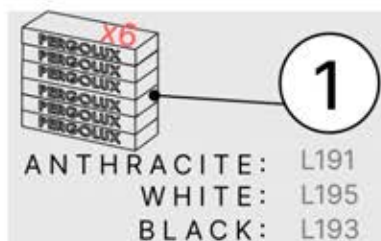


1

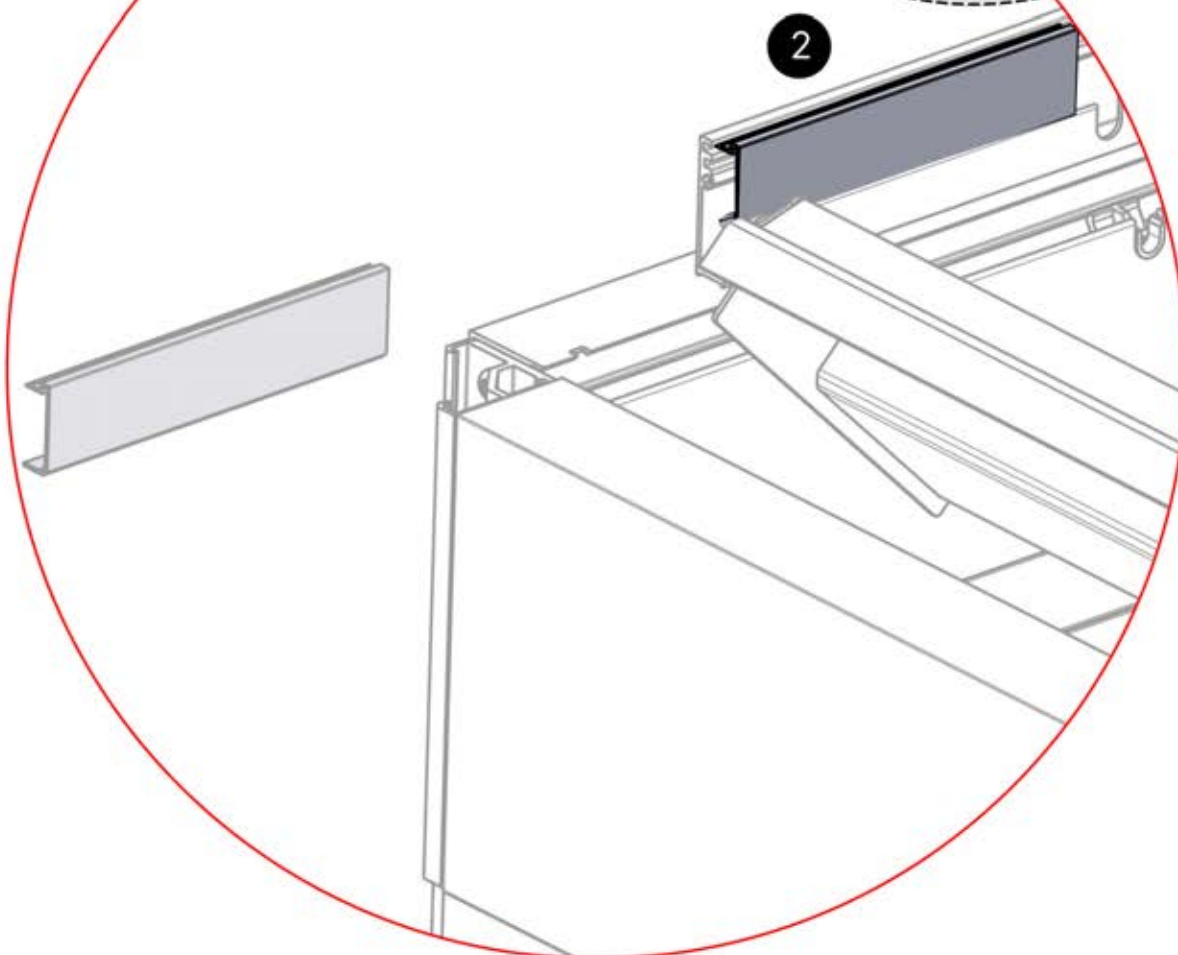
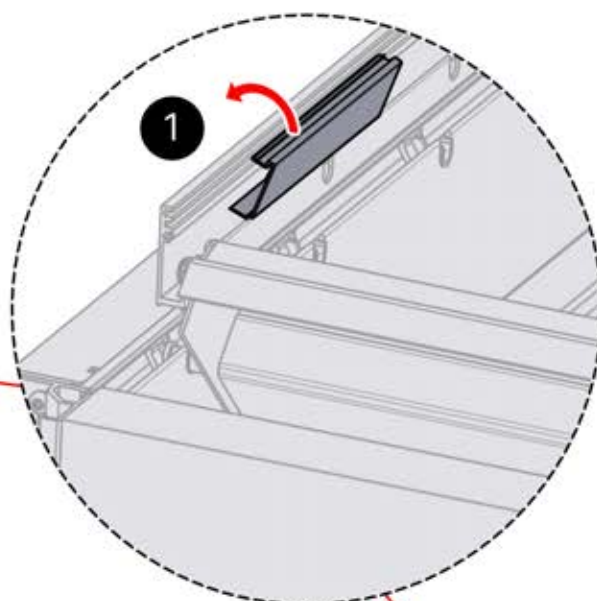
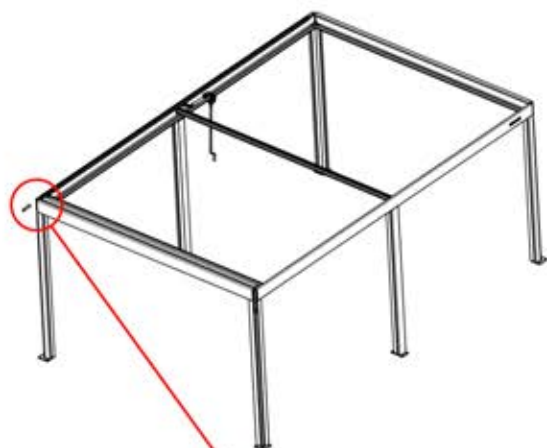
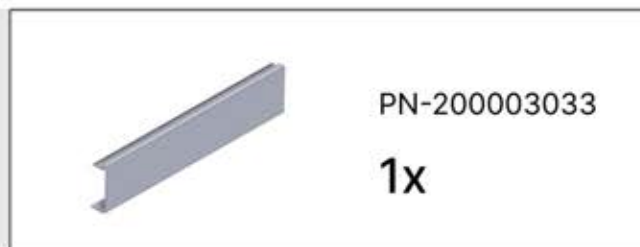
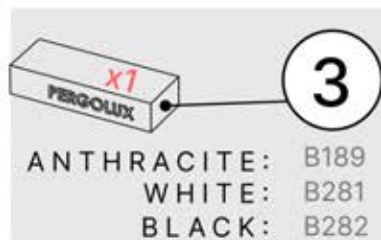
ANTHRACITE: L191
WHITE: L195
BLACK: L193



35



36



37



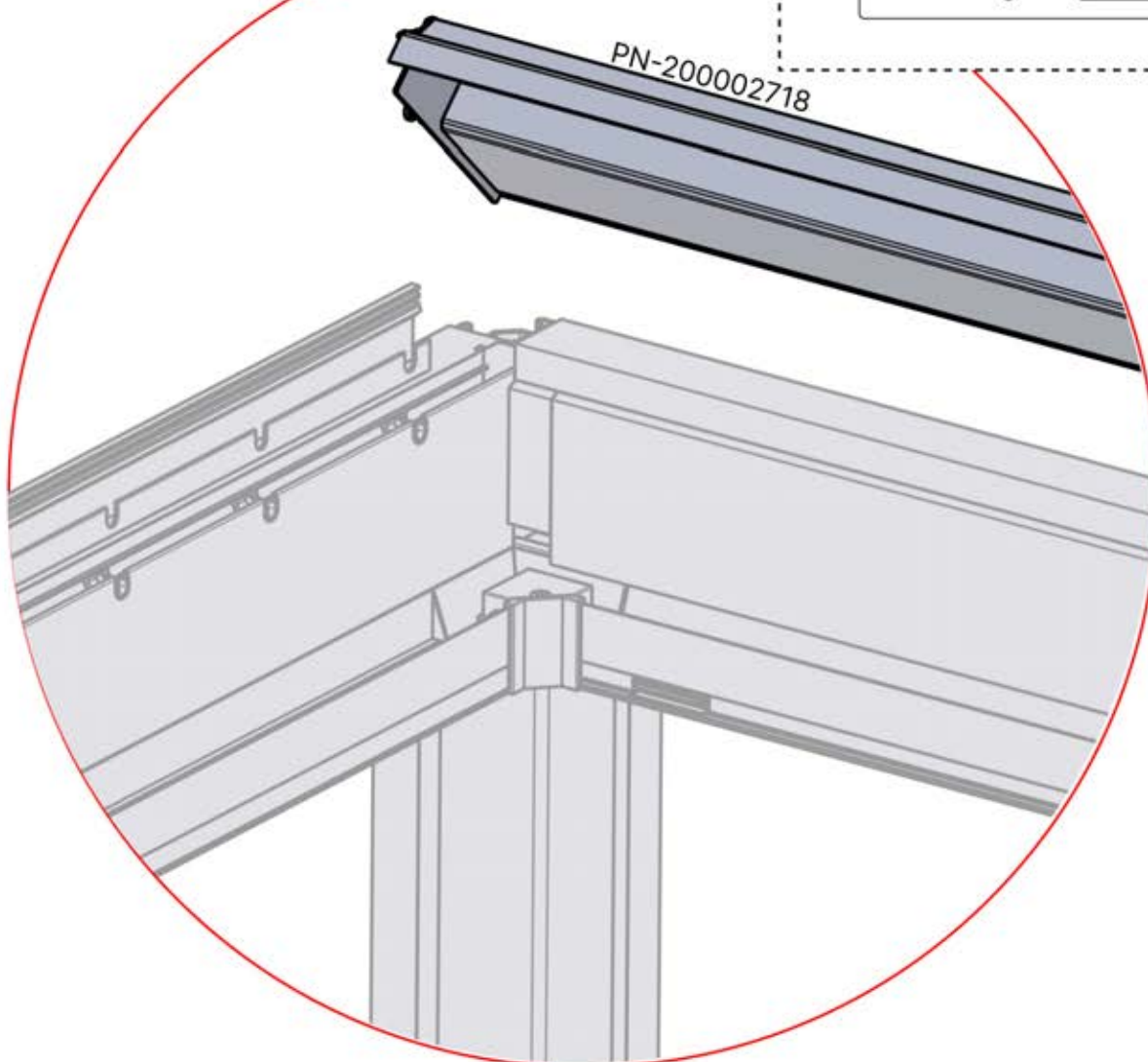
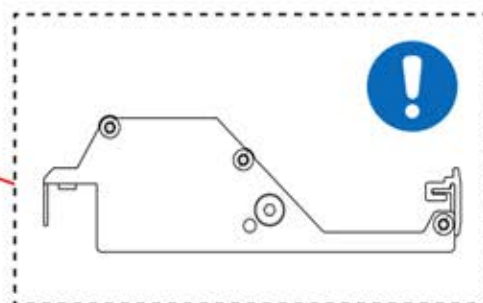
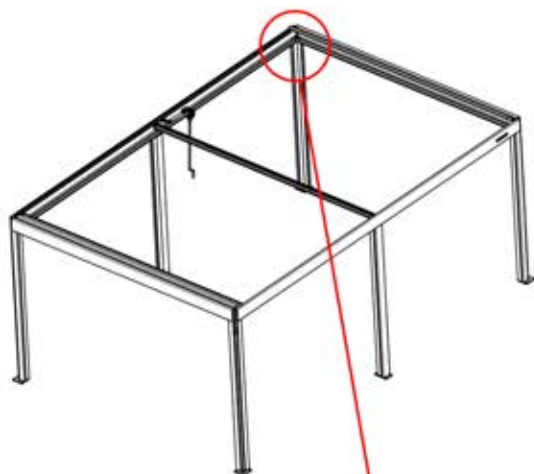
4

ANTHRACITE: B220
WHITE: B224
BLACK: B222

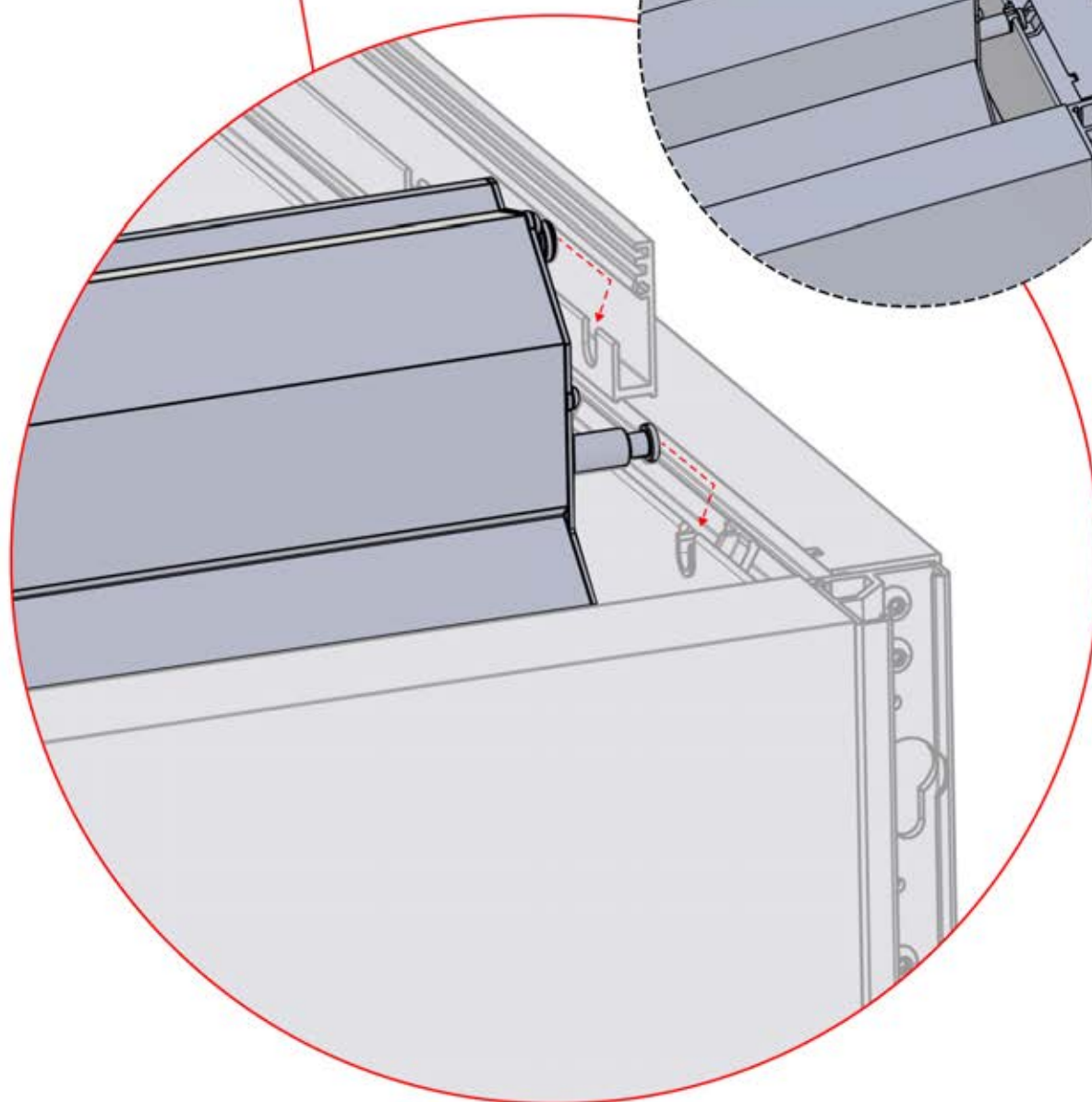
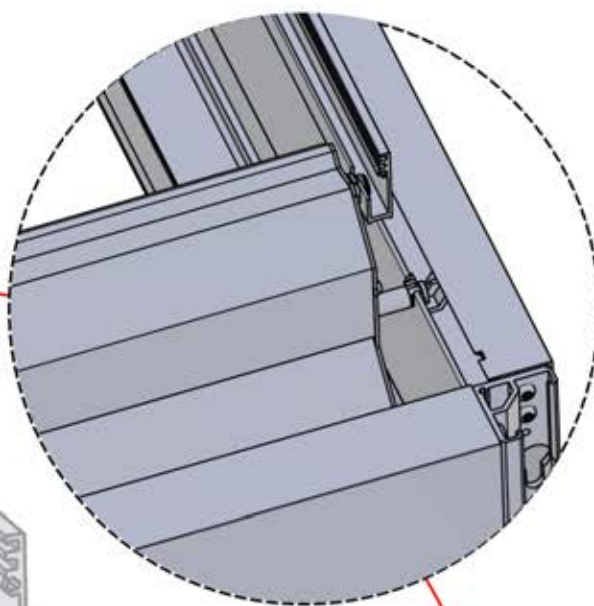
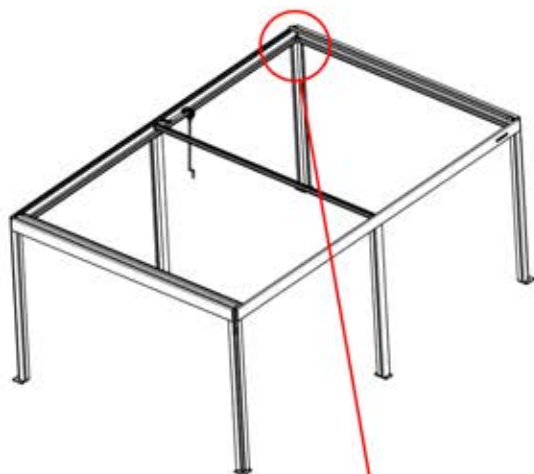
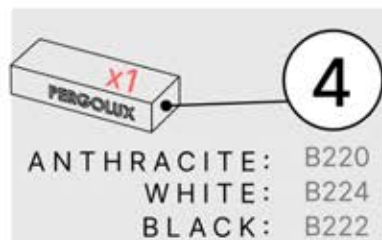


PN-200002718

1x



38



39



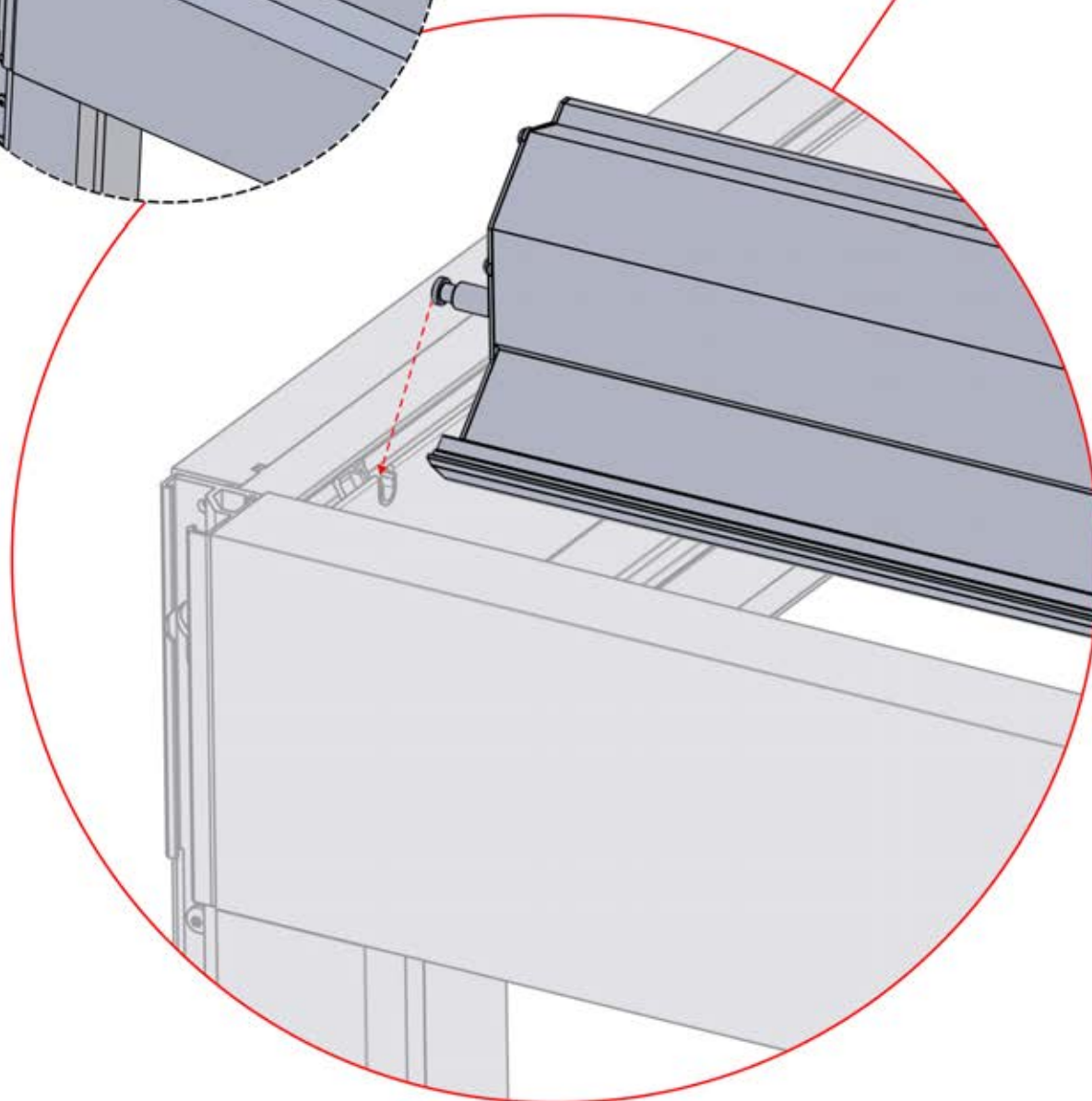
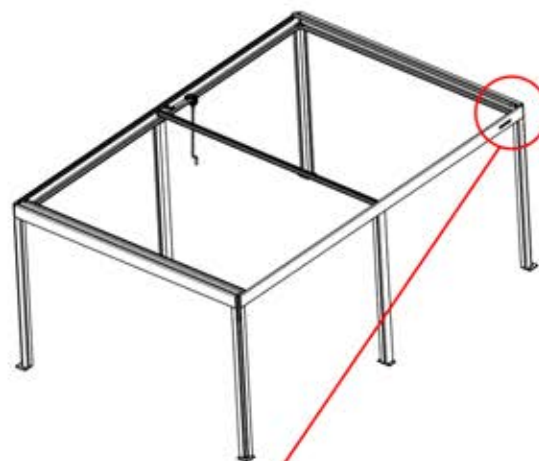
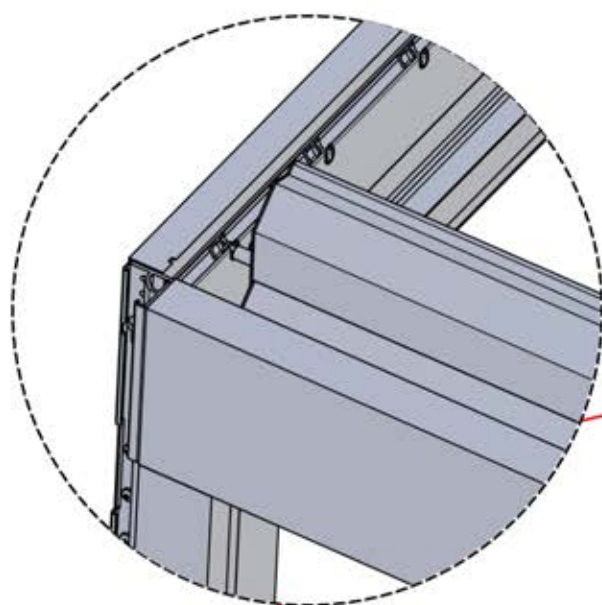
4

ANTHRACITE: B220
WHITE: B224
BLACK: B222

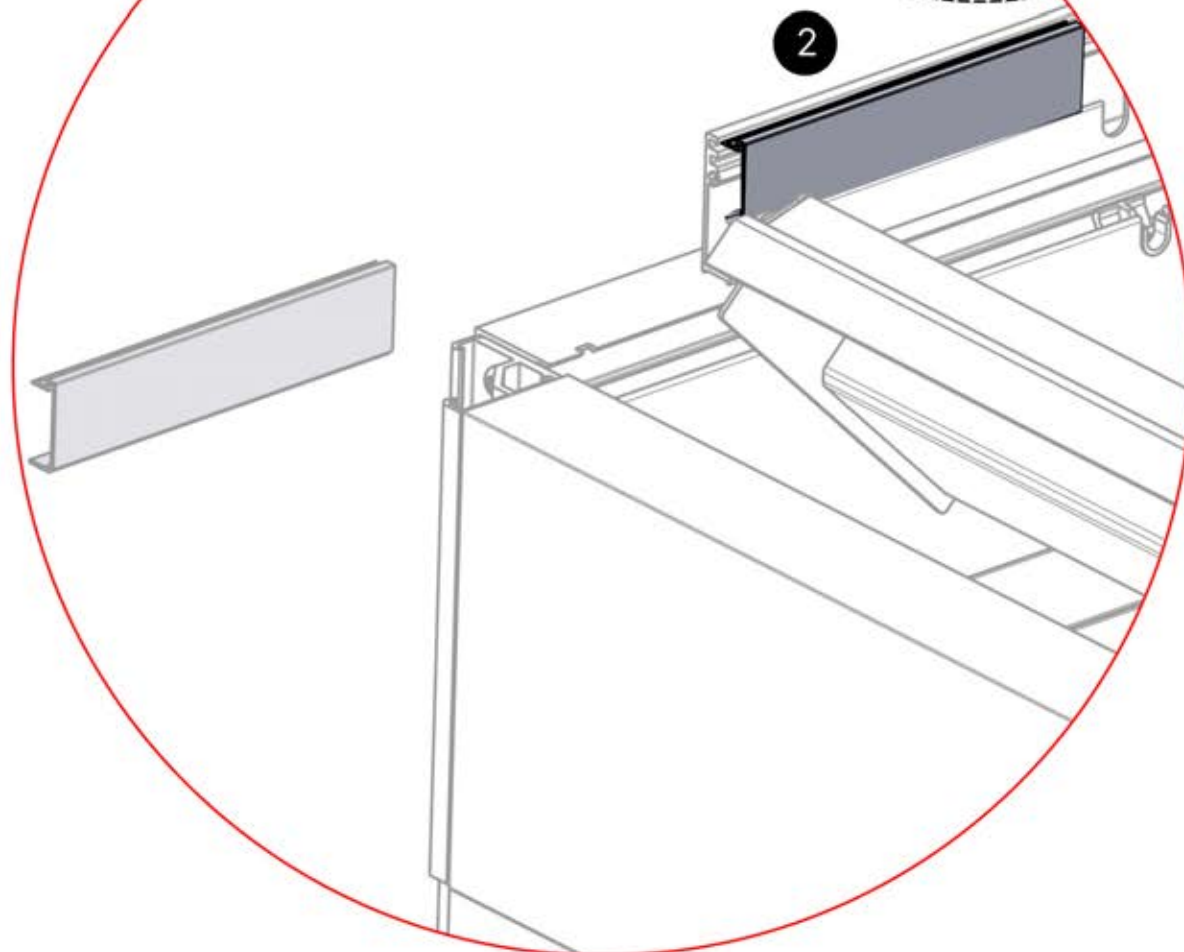
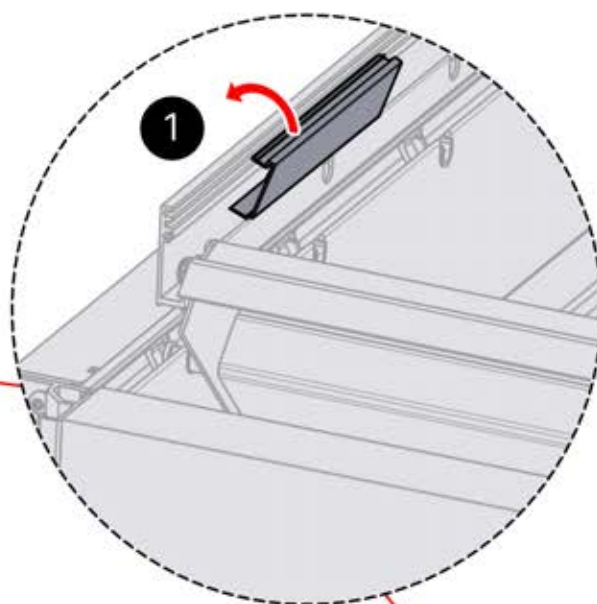
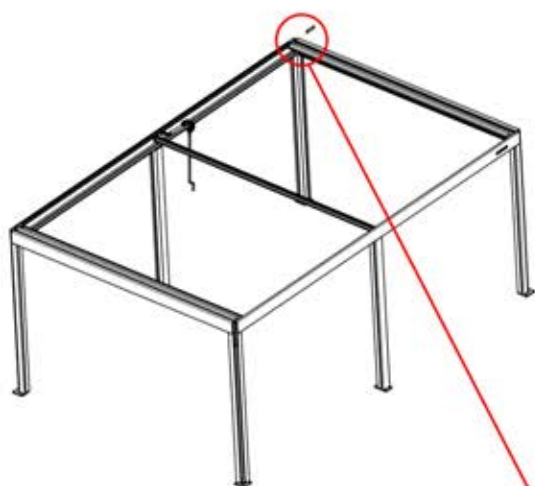
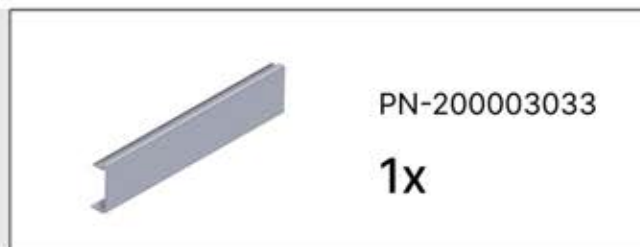
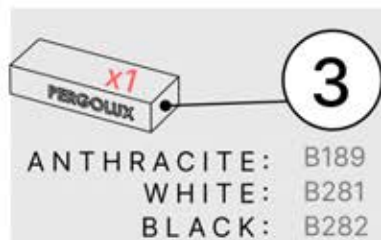


PN-200002718

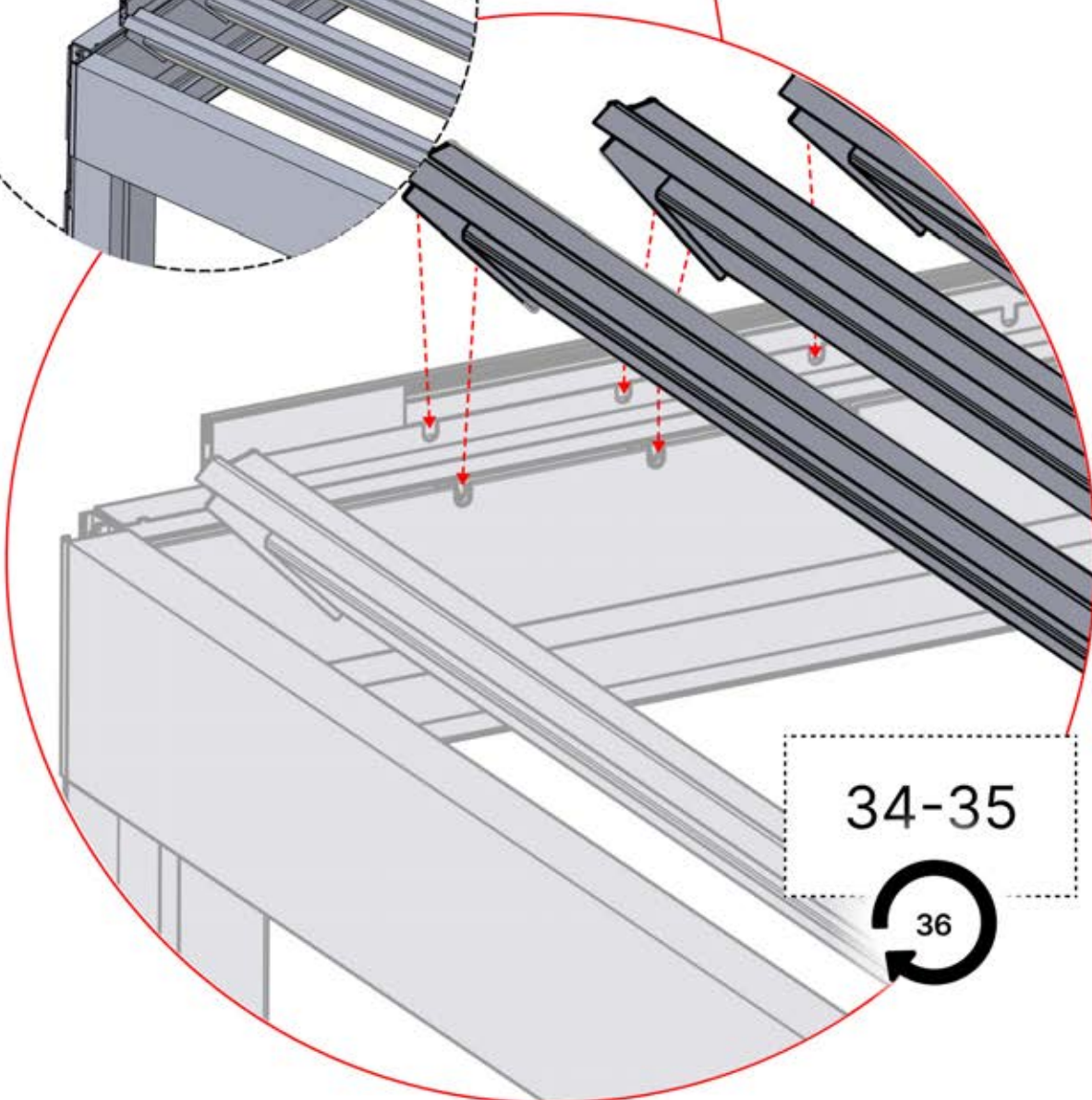
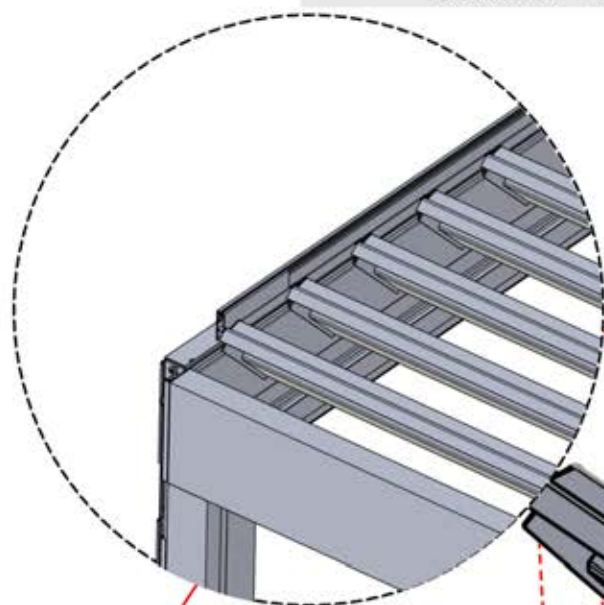
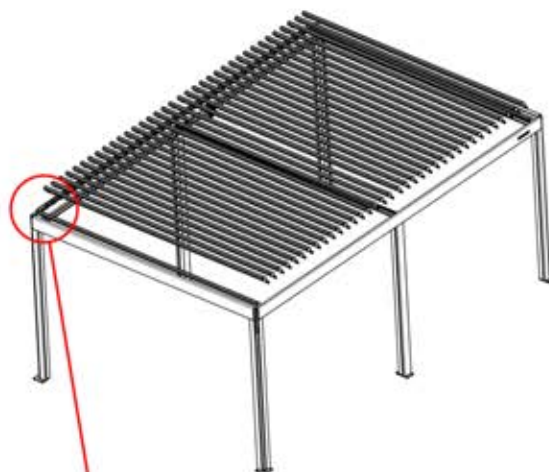
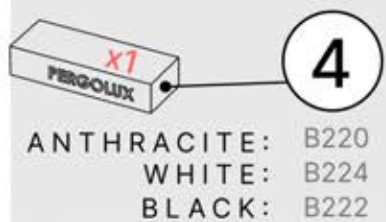
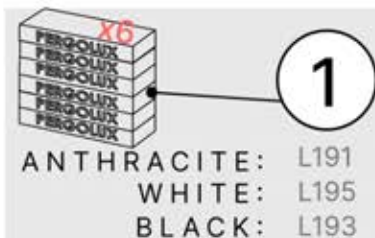
1x



40



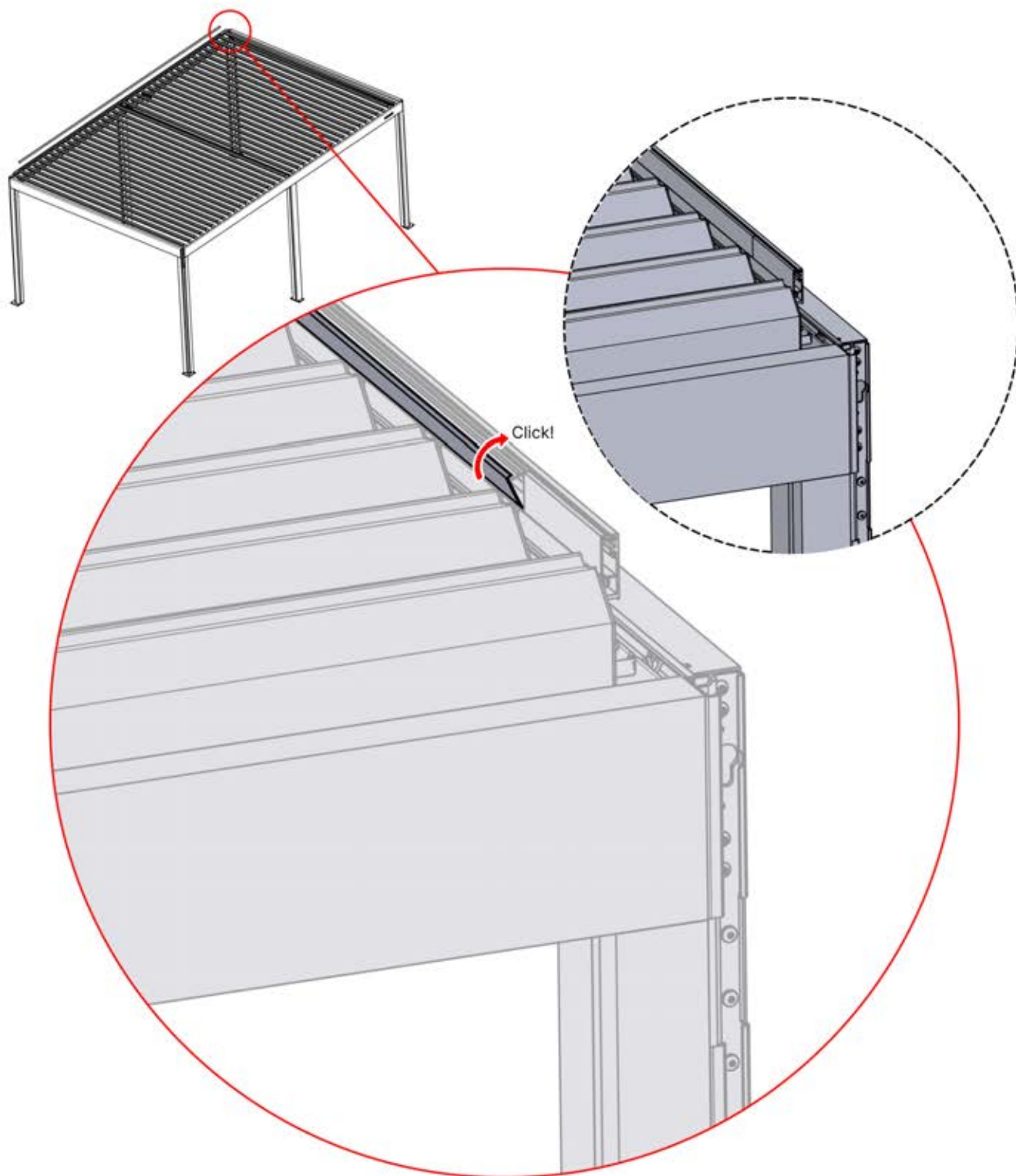
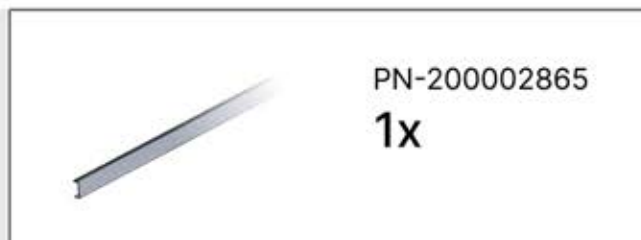
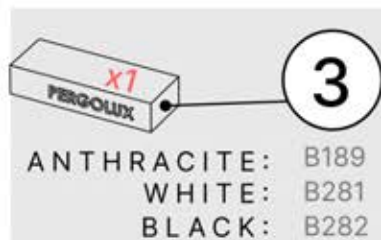
41



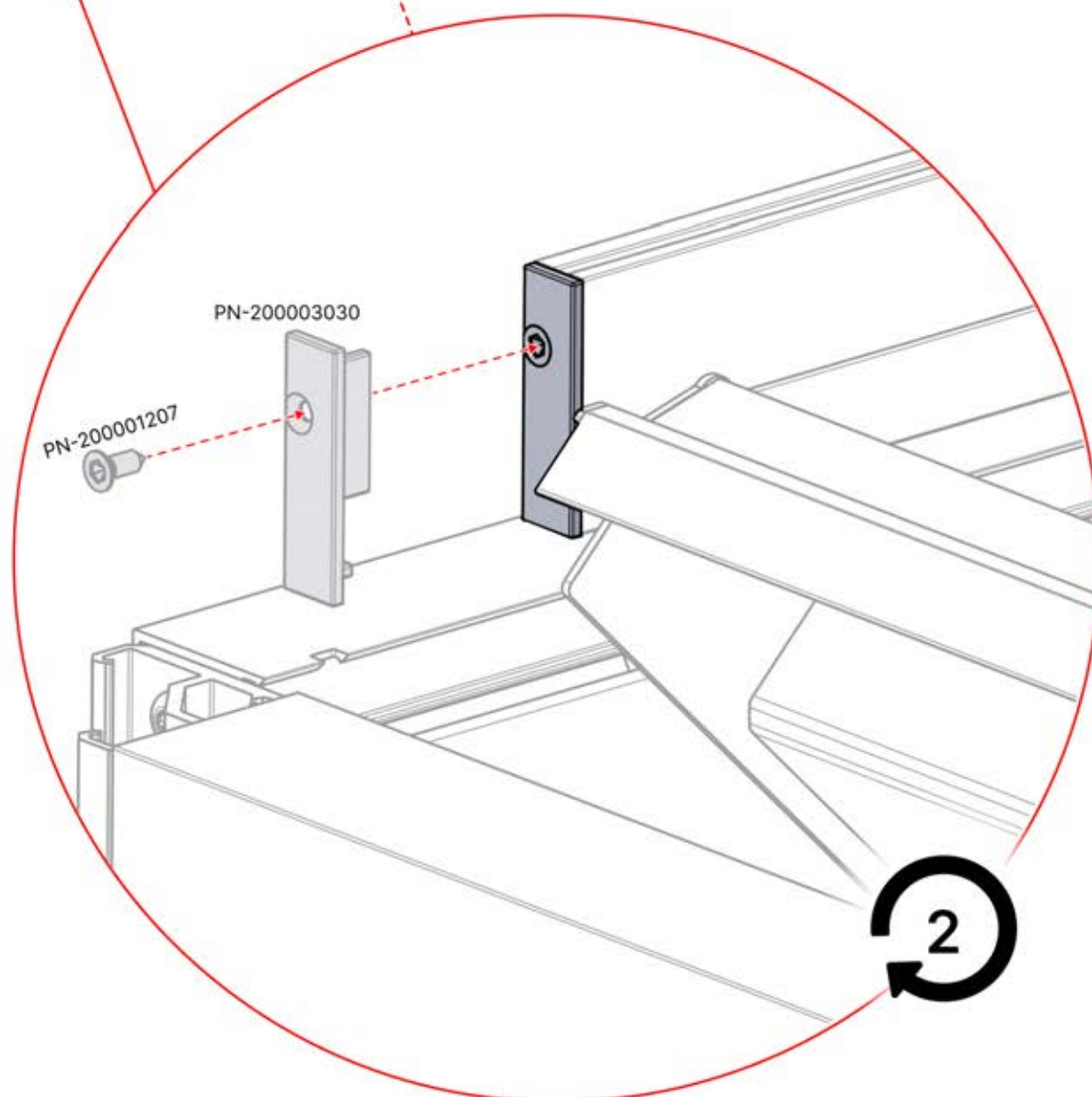
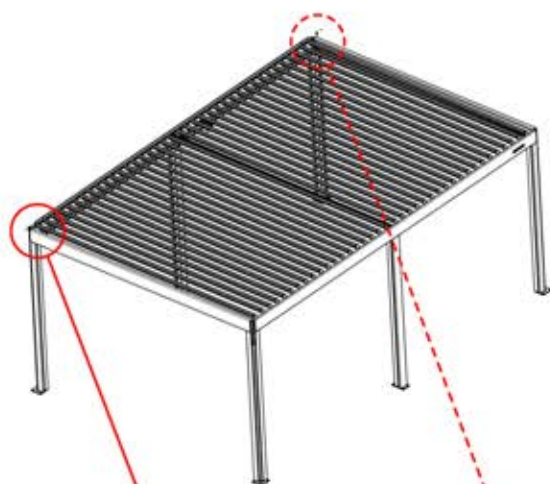
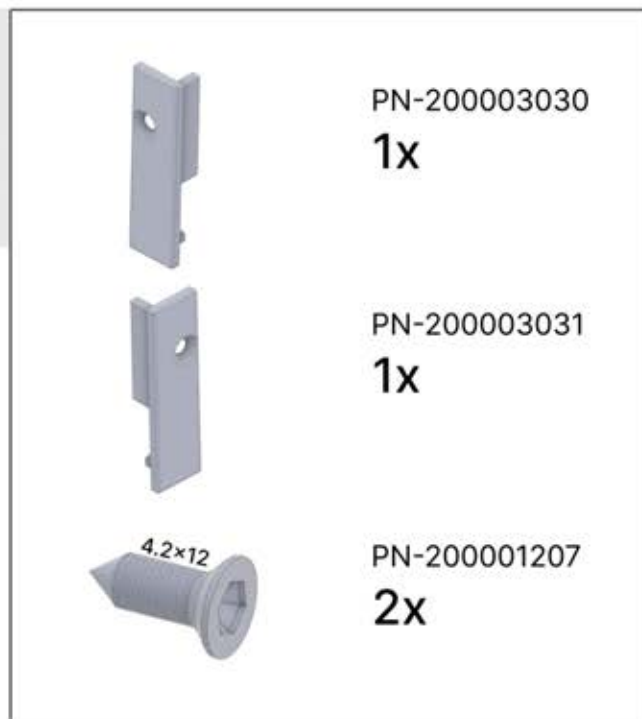
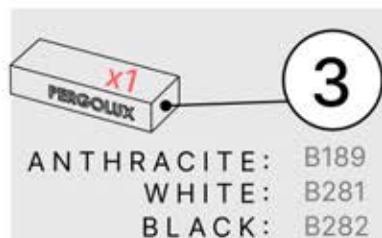
34-35

36

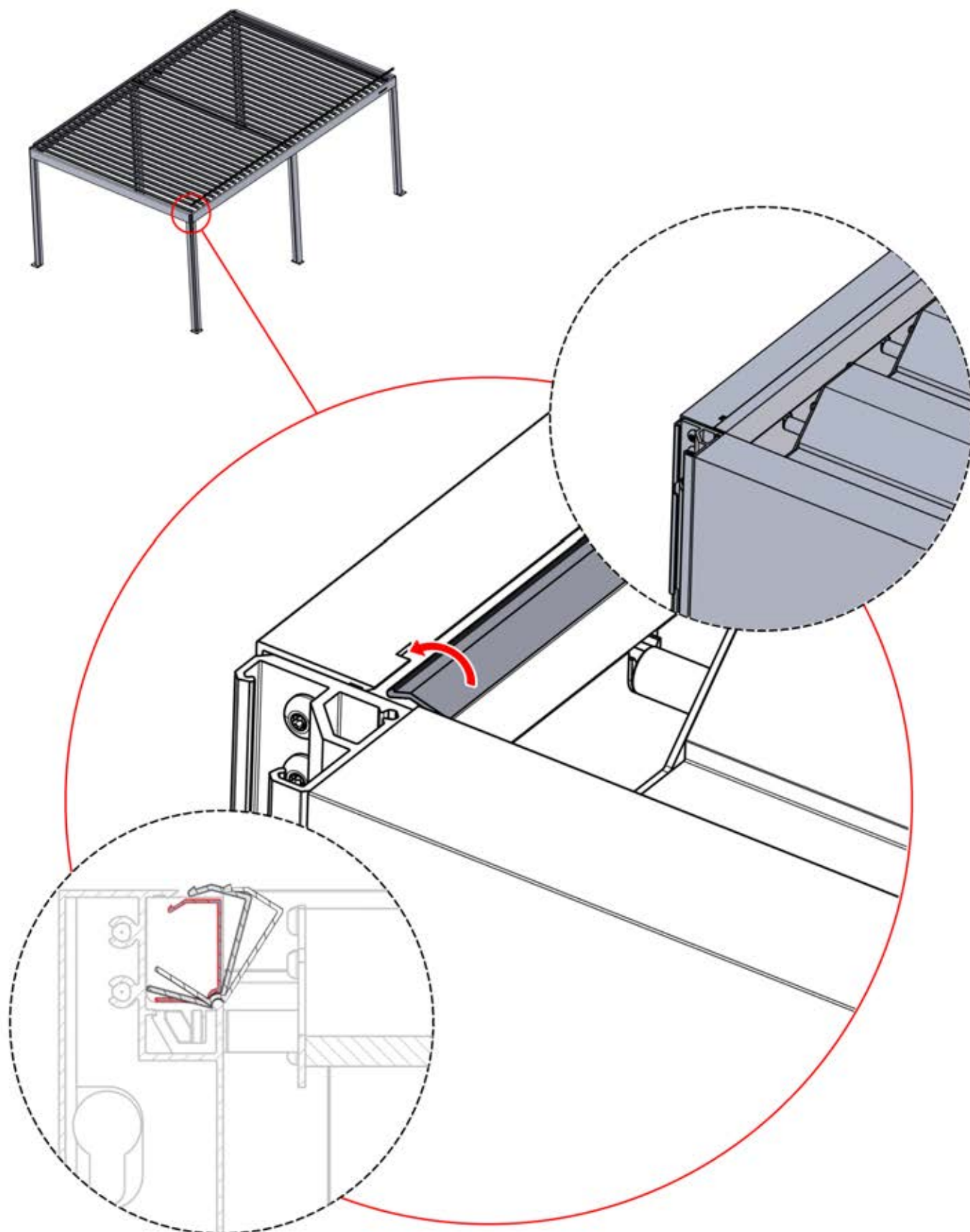
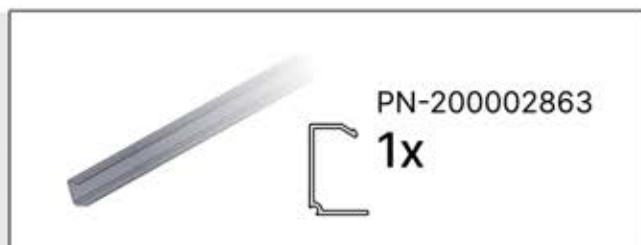
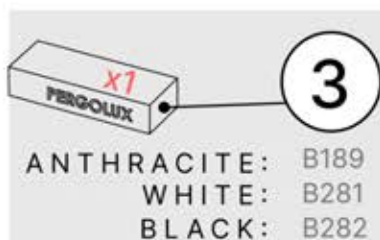
42



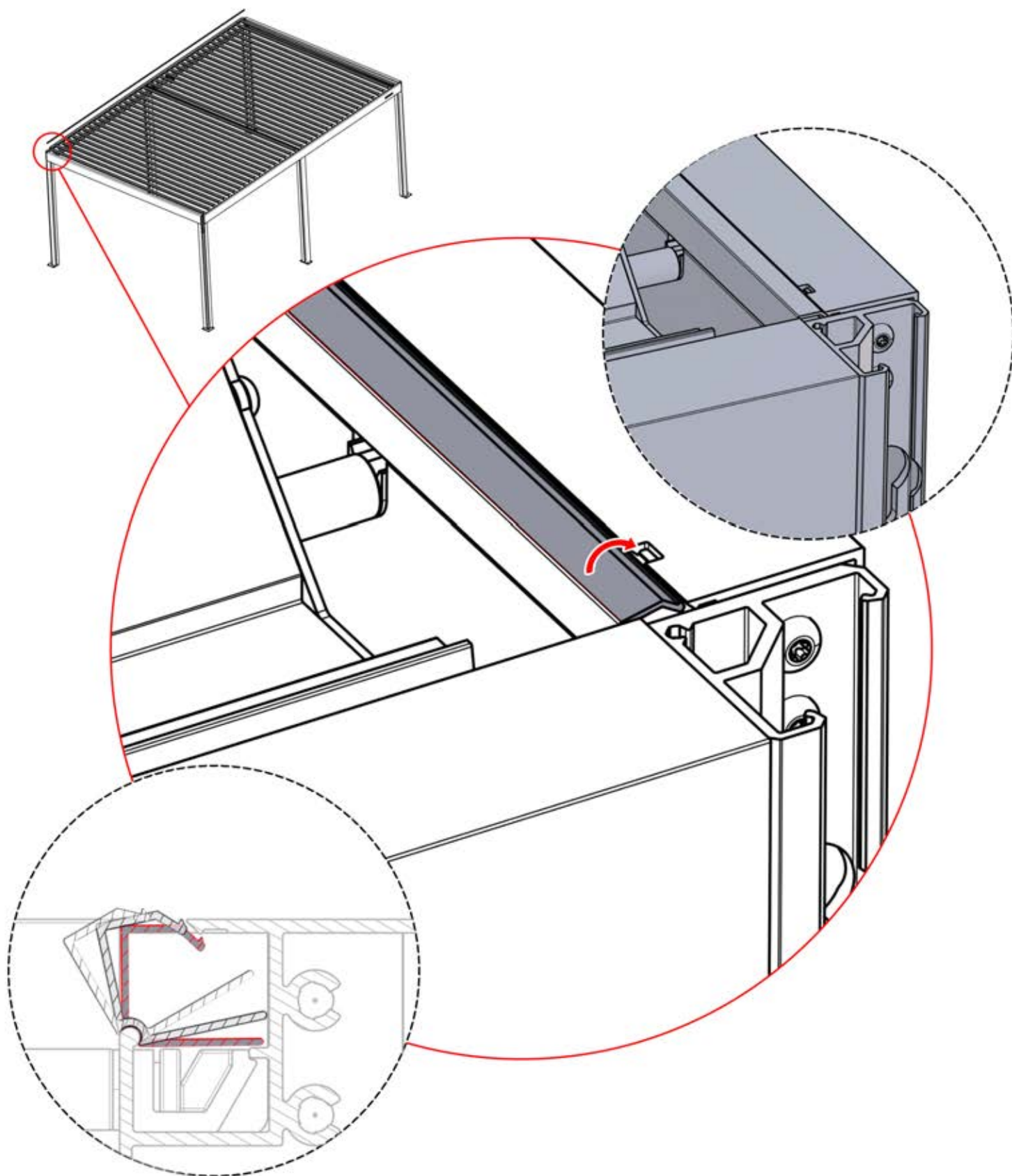
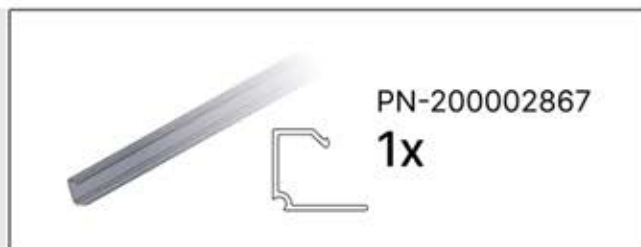
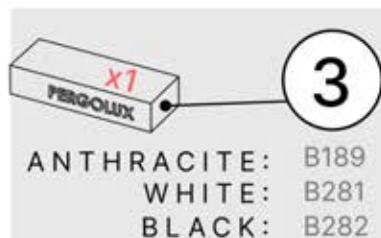
43



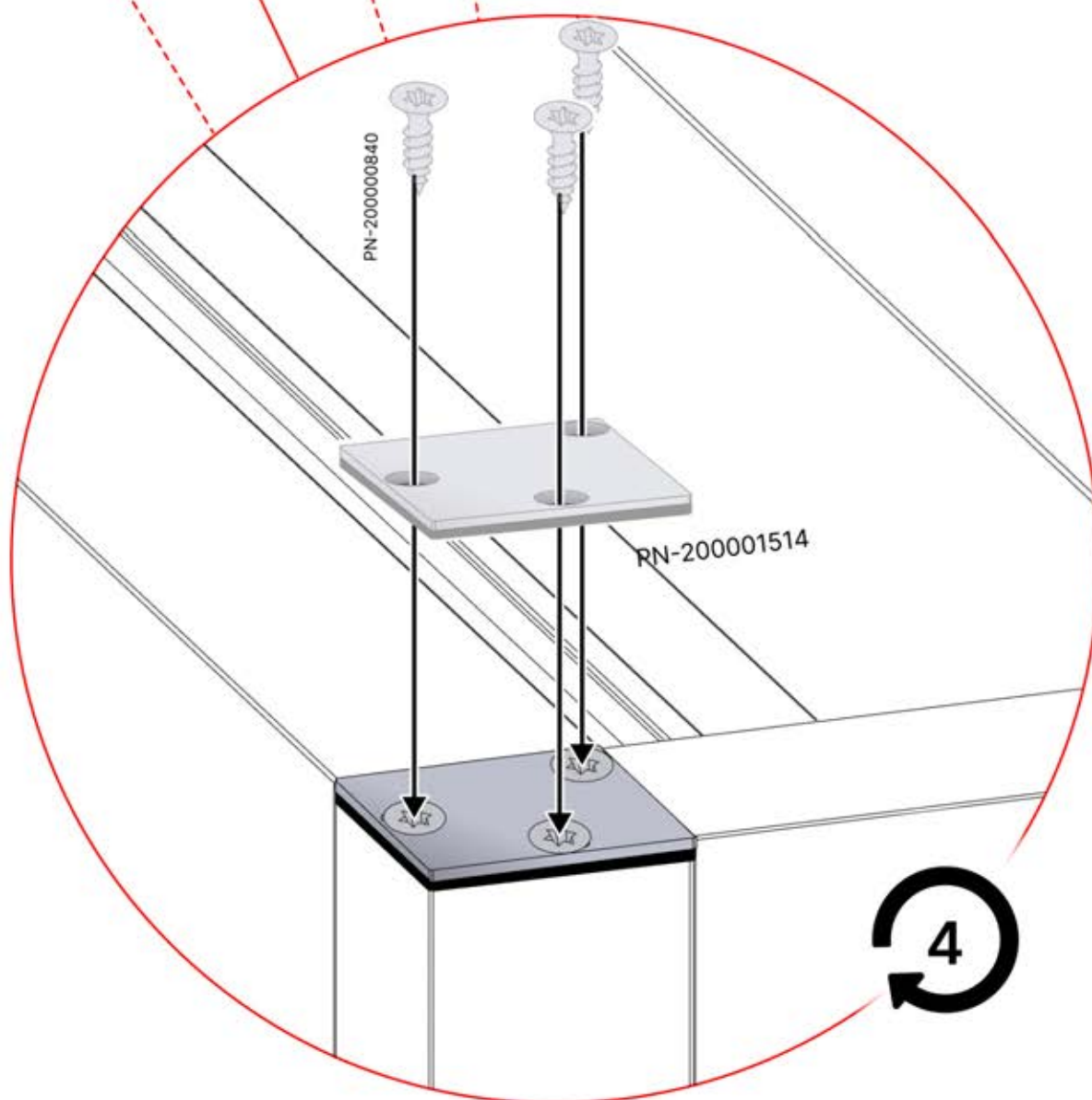
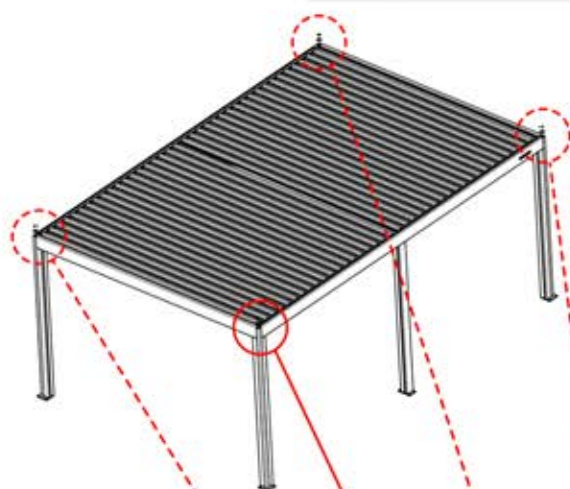
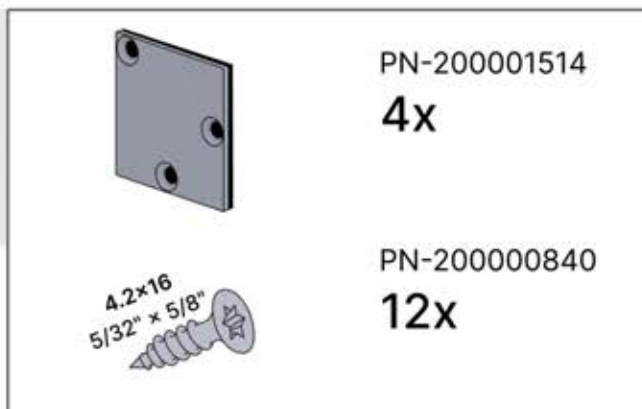
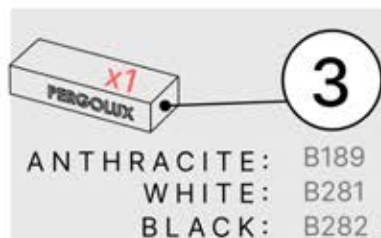
44



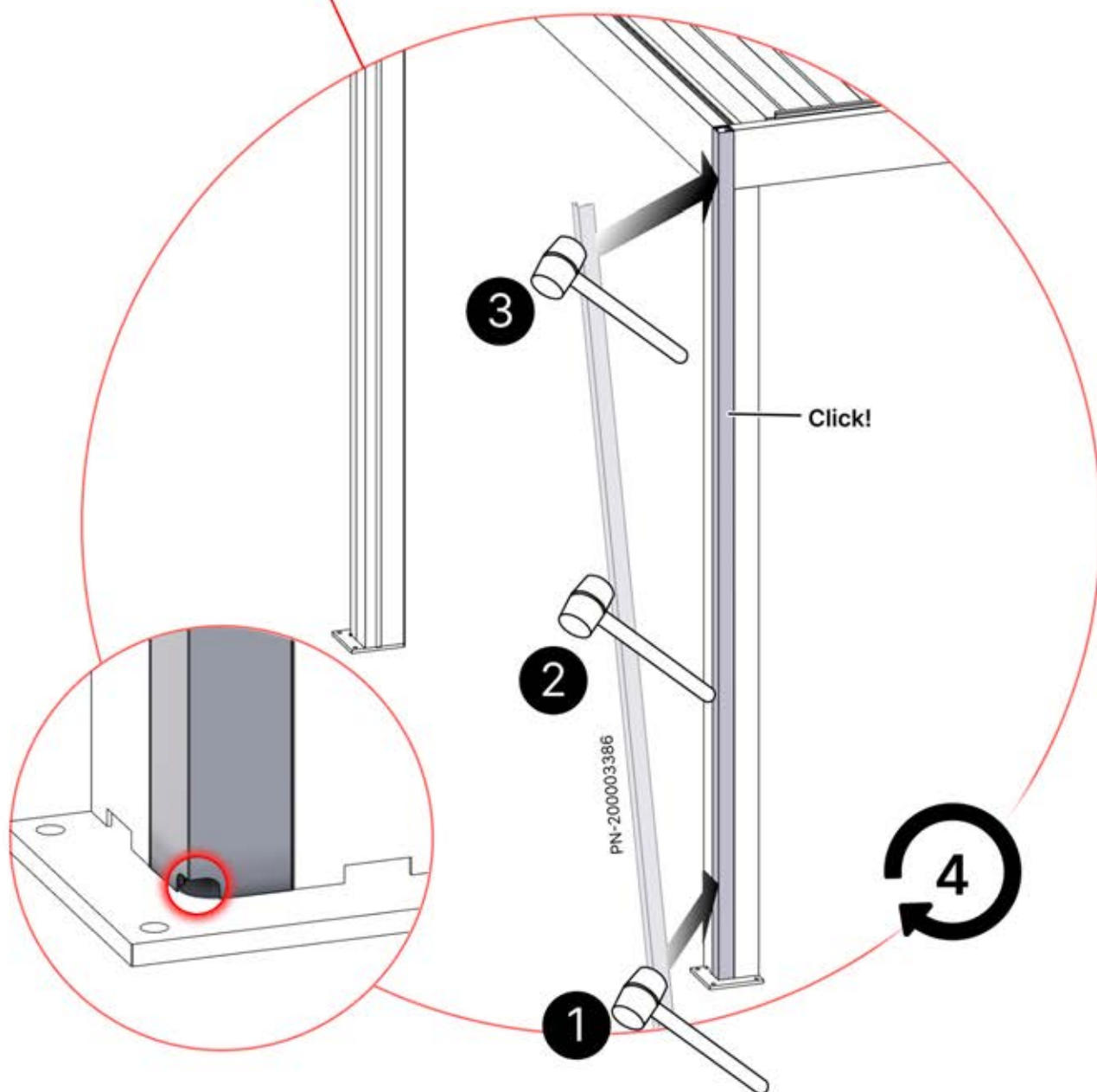
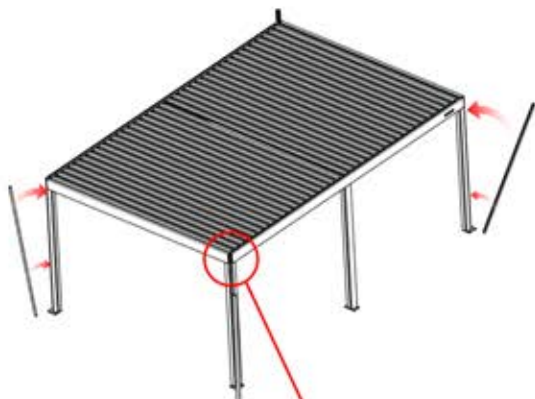
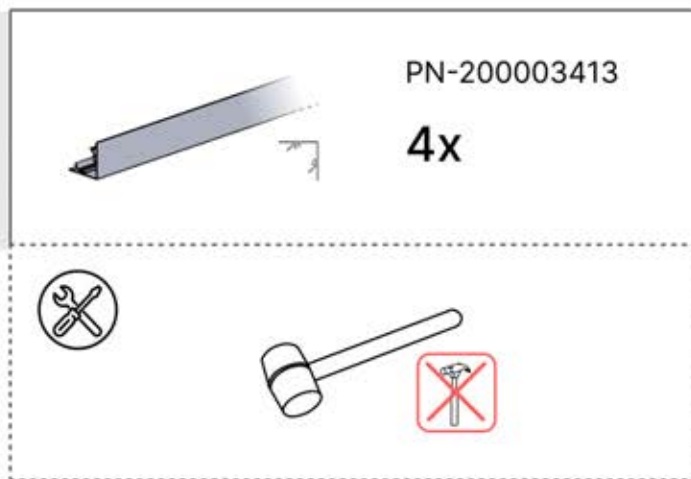
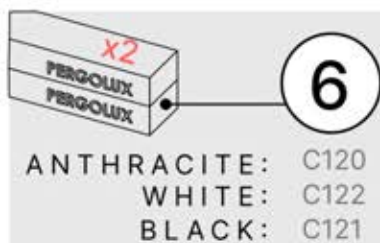
45



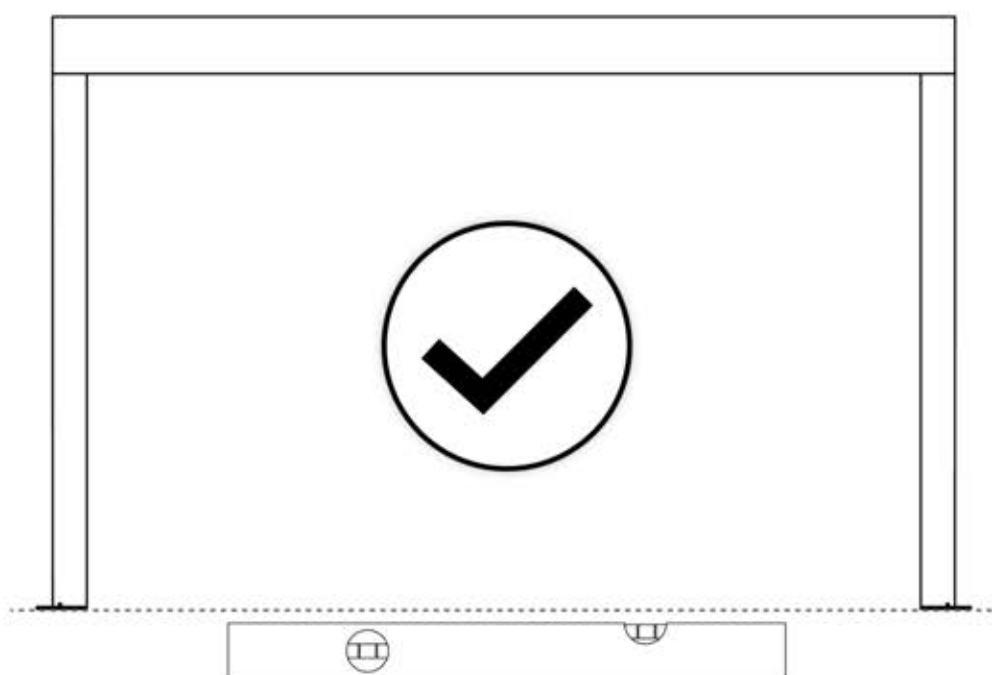
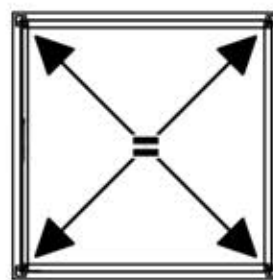
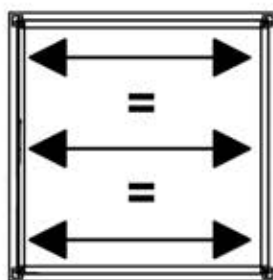
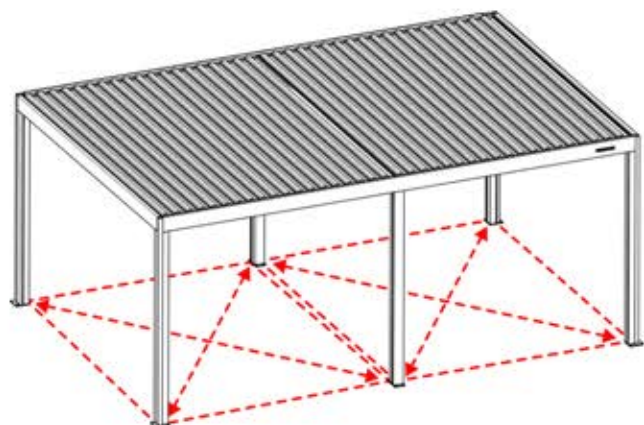
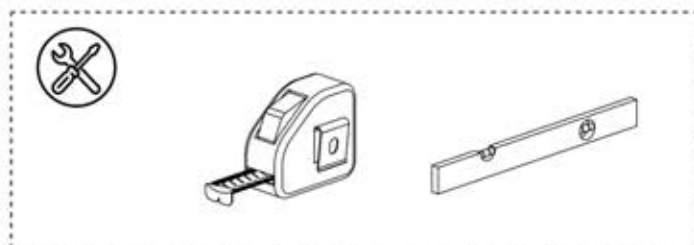
46



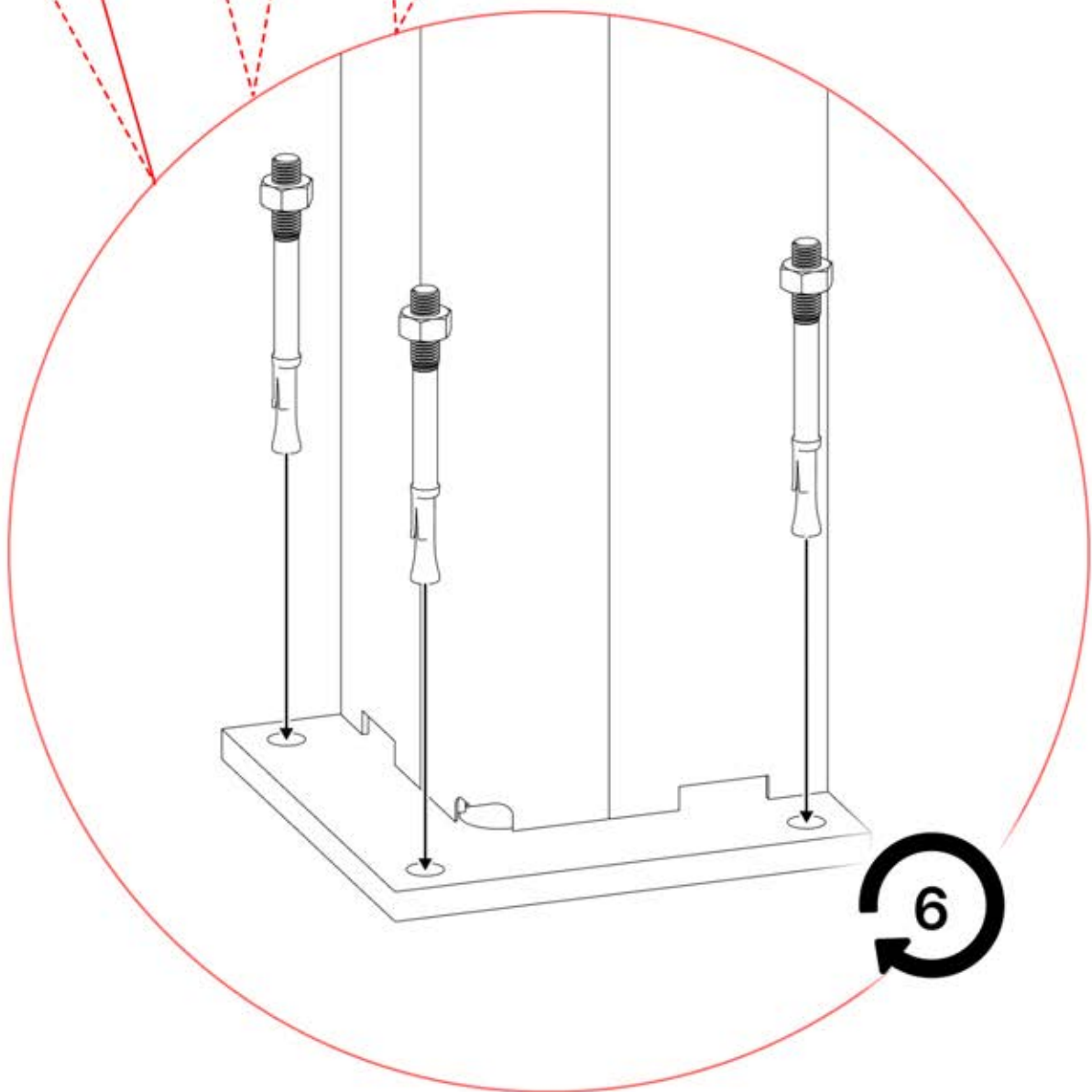
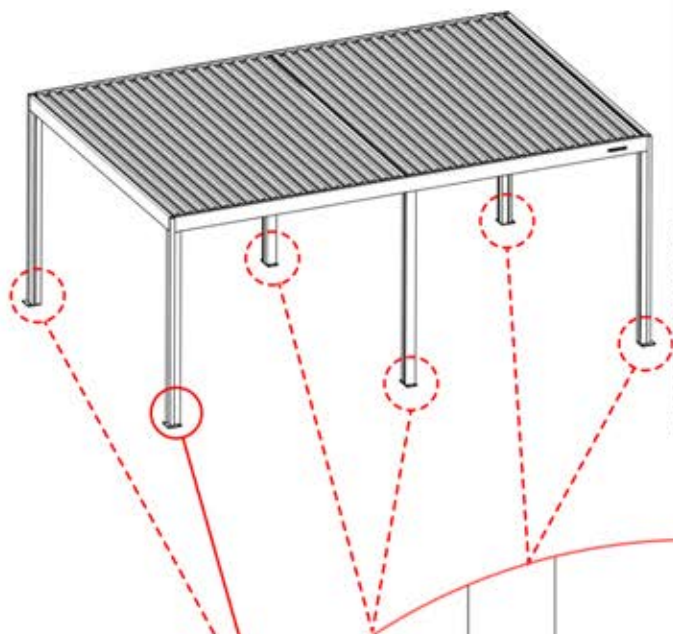
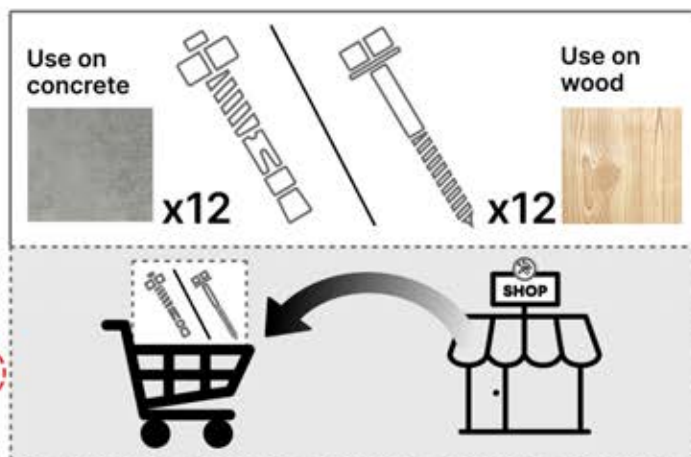
47



48



49



PERGOLUX | PERGOLA FREESTANDING S4

3 × 6 M / 10' x 19'



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID 1111317678

