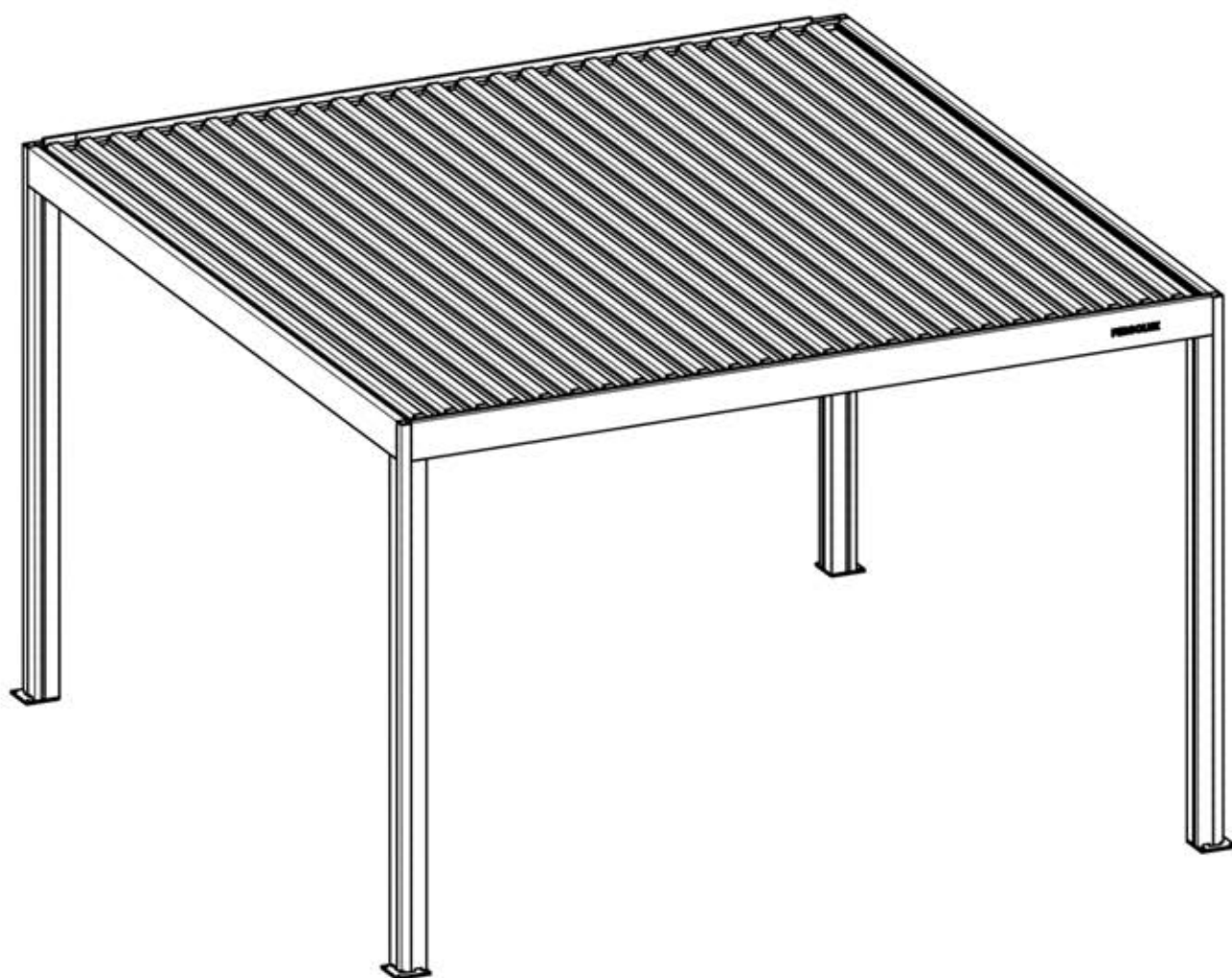


S4

PERGOLA



4×4m/13'x13'
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

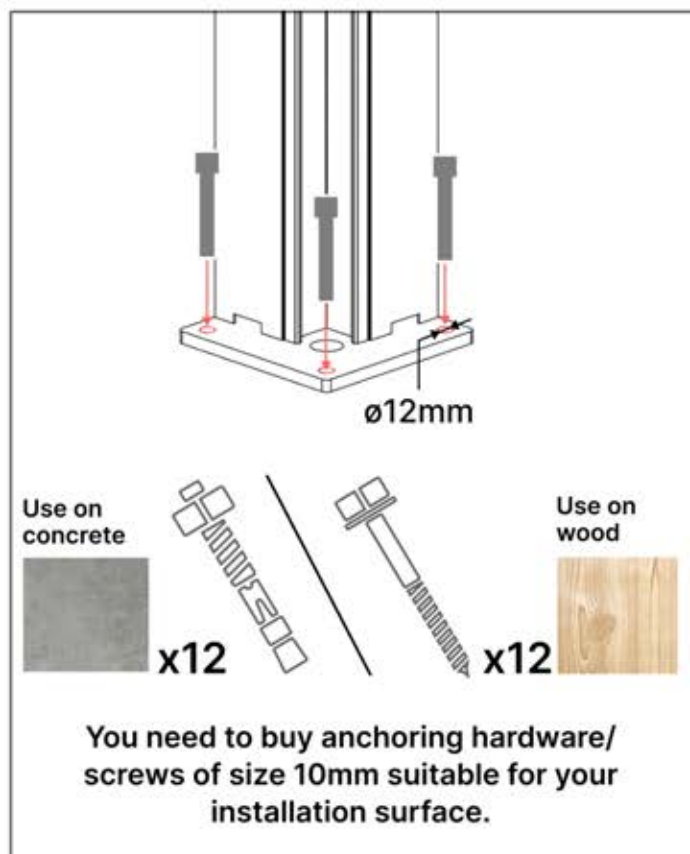


Motor



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:

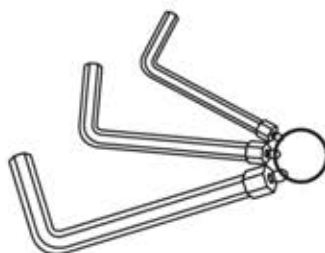
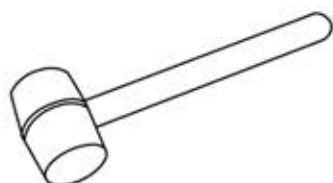
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



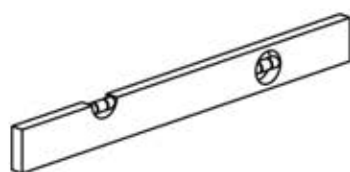
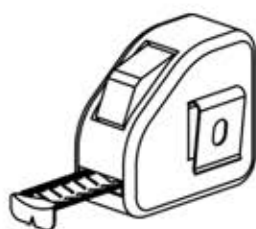
Apply lubricant to make screw assembly easier.



TOOLS

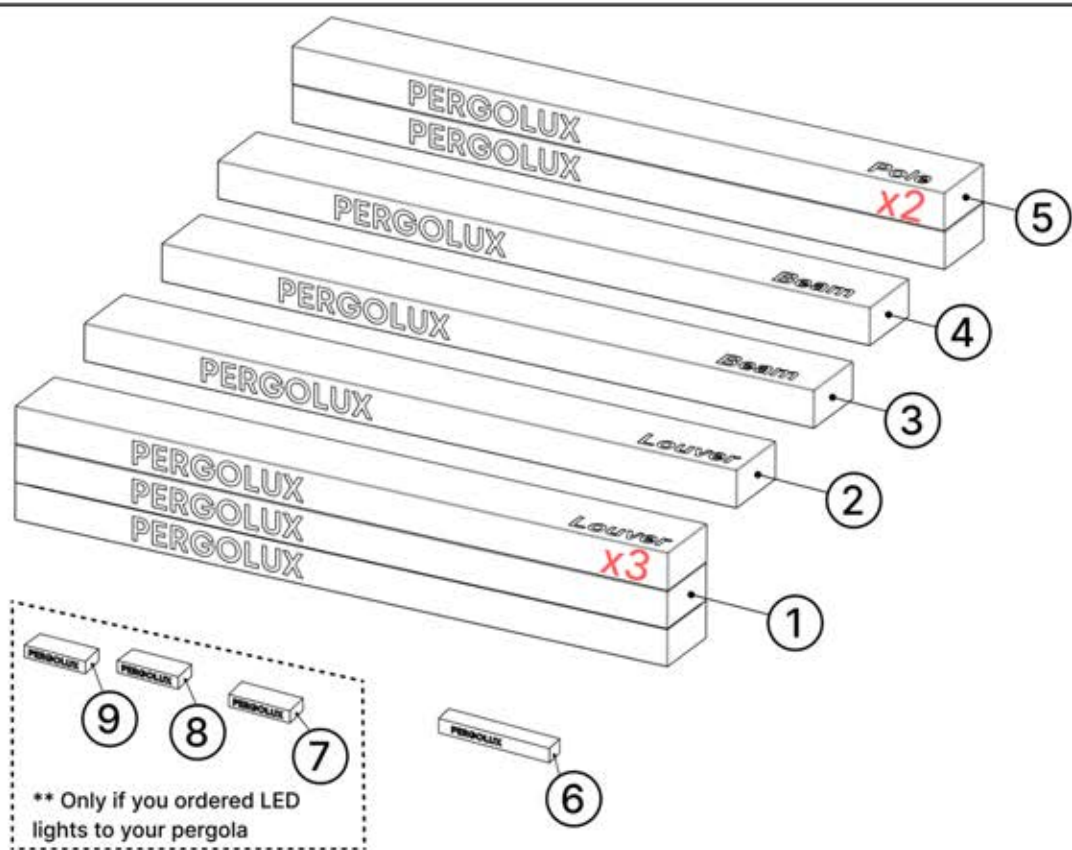


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

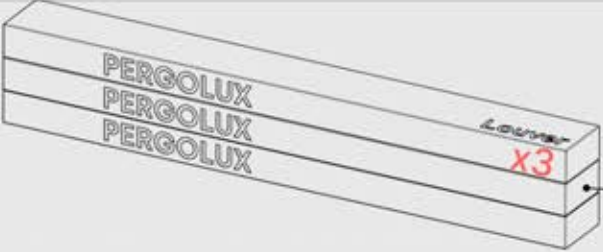
PACKAGE OVERVIEW



ORDER	ANTHRACITE	WHITE	BLACK
①	L192	L196	L194
②	L204	L208	L206
③	B209	B213	B211
④	B188	B194	B191
⑤	C120	C122	C121
⑥	MANUAL MOTOR	MANUAL MOTOR	MANUAL MOTOR

⑦	CONTROL BOX
⑧	POWER CABLE
⑨	LED BOX

ITEMS IN BOX



	ANTHRACITE	WHITE	BLACK
1	L192	L196	L194

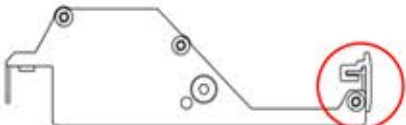


PN-200003004

18x



	ANTHRACITE	WHITE	BLACK
2	L204	L208	L206



PN-200003004

6x

PN-200003003

1x

ITEMS IN BOX



3

ANTHRACITE WHITE BLACK

B209 B213 B211



PN-200002999
2x



Premounted
PN-200003001
2x

ITEMS IN BOX



4

ANTHRACITE WHITE BLACK

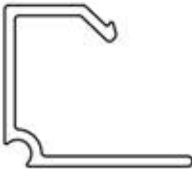
B188 B194 B191



PN-200002747
1x



PN-200002748
1x



PN-200002623
1x



PN-200002609
1x



PN-200002633
1x

ITEMS IN BOX



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



ANTHRACITE WHITE BLACK

4

B188

B194

B191



PN-200002613

1x



PN-20000
3280

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



PN-200000560
20x



PN-20000
3320



PN-200000826
2x



PN-20000
3310



PN-200002709
4x



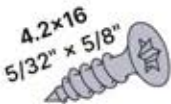
PN-200000958
4x



PN-20000
3282



PN-200001514
4x



PN-200000840
12x



PN-20000
3278



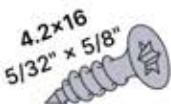
PN-200003031
1x



PN-200003030
1x



PN-200003033
2x



PN-200001207
2x

ITEMS IN BOX



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



ANTHRACITE WHITE BLACK

4

B188

B194

B191



PN-20000
3319



PN-200003370
1x



PN-200003367
1x



PN-200003368
2x



PN-200000853
2x



PN-200000502
1x



PN-200000561
1x



PN-200000511
2x



PN-200003317
1x



PN-200003318
1x



PN-20000
3342



PN-200002706
8x



PN-20000
3279



PN-200000568
32x



PN-20000
3281



PN-200002622
4x



PN-200000680
8x



PN-200001340
1x

ITEMS IN BOX



5

ANTHRACITE WHITE BLACK

C120

C122

C121



PN-200002606

4x



PN-200003386

4x



PN-200002614

4x

ITEMS IN BOX



6

MANUAL MOTOR



Manual motor
PN-200003774
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.**



7

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.**



8

POWER CABLE



PN-200003781

1x



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



9

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.

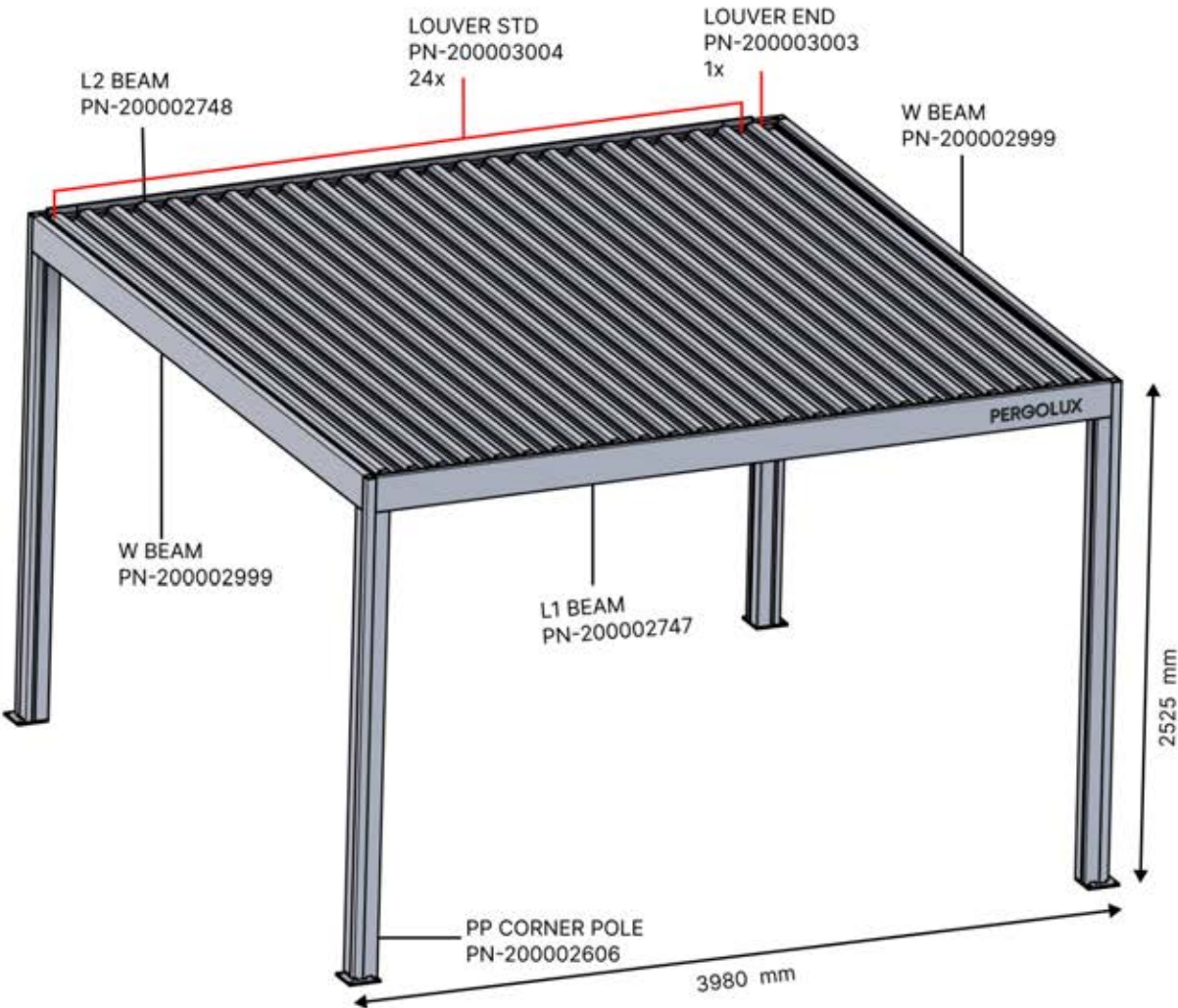
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



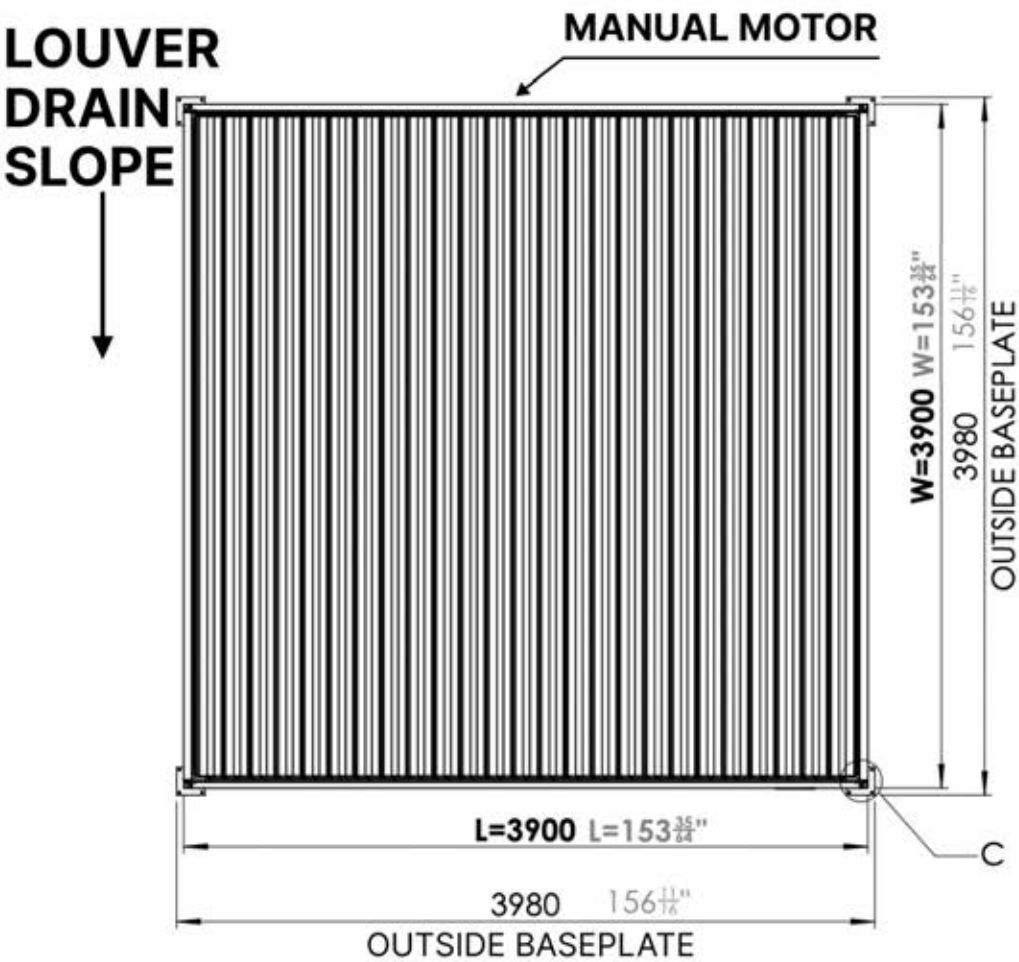
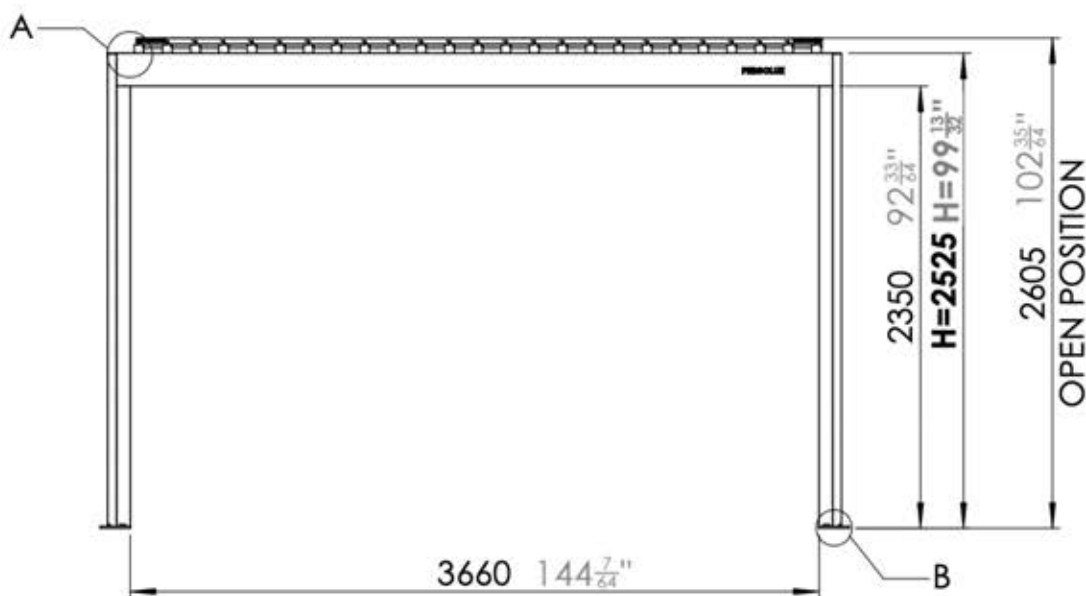
CONTROL BOX

[View Manual](#)

4 × 4 M / 13'x13'



4 × 4 m / 13' x 13'



INFORMATION

Are you installing a screen, slat wall or glass wall?

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

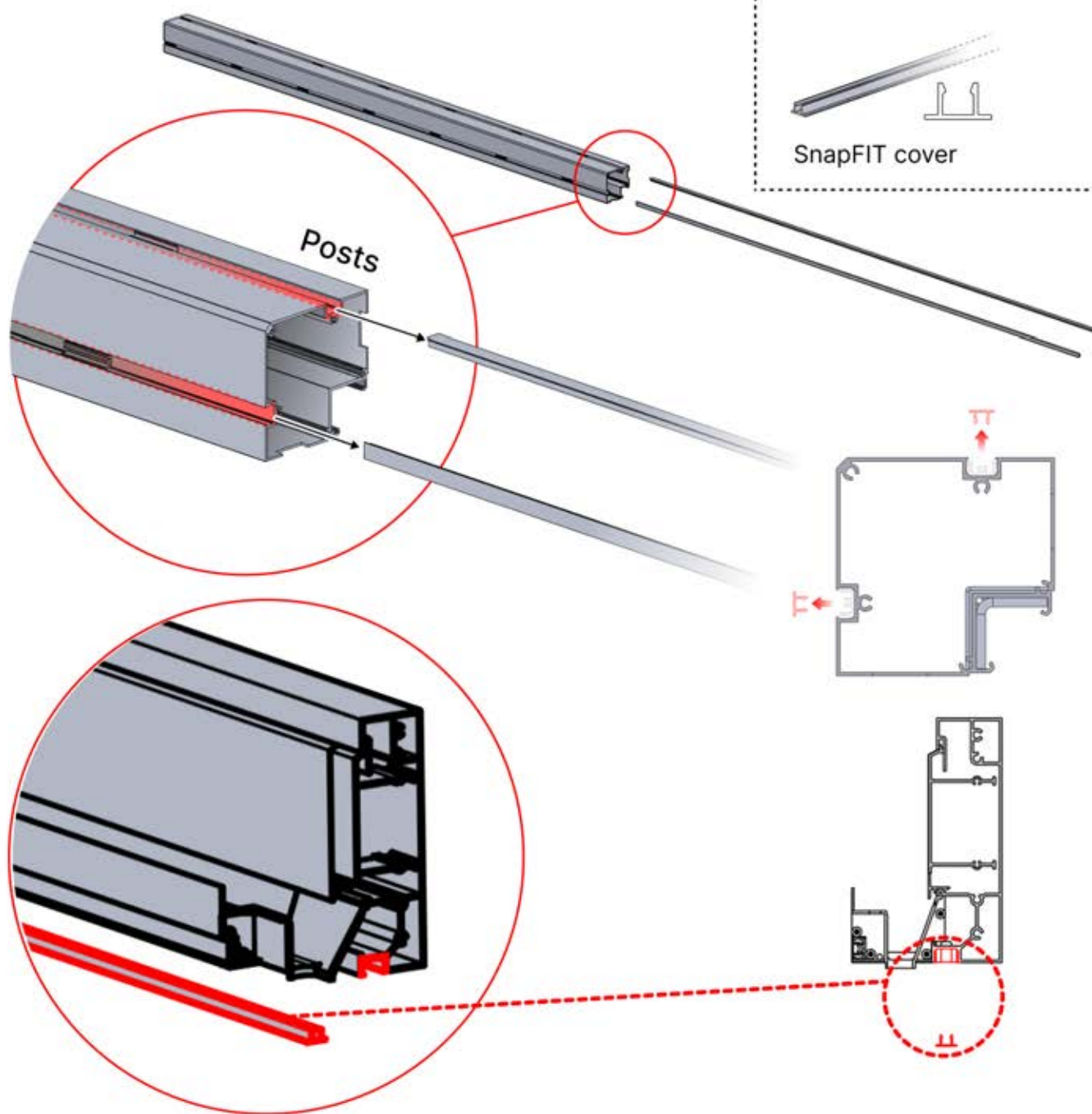
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



INFORMATION

Are you installing a heater, fan or LED lights?

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

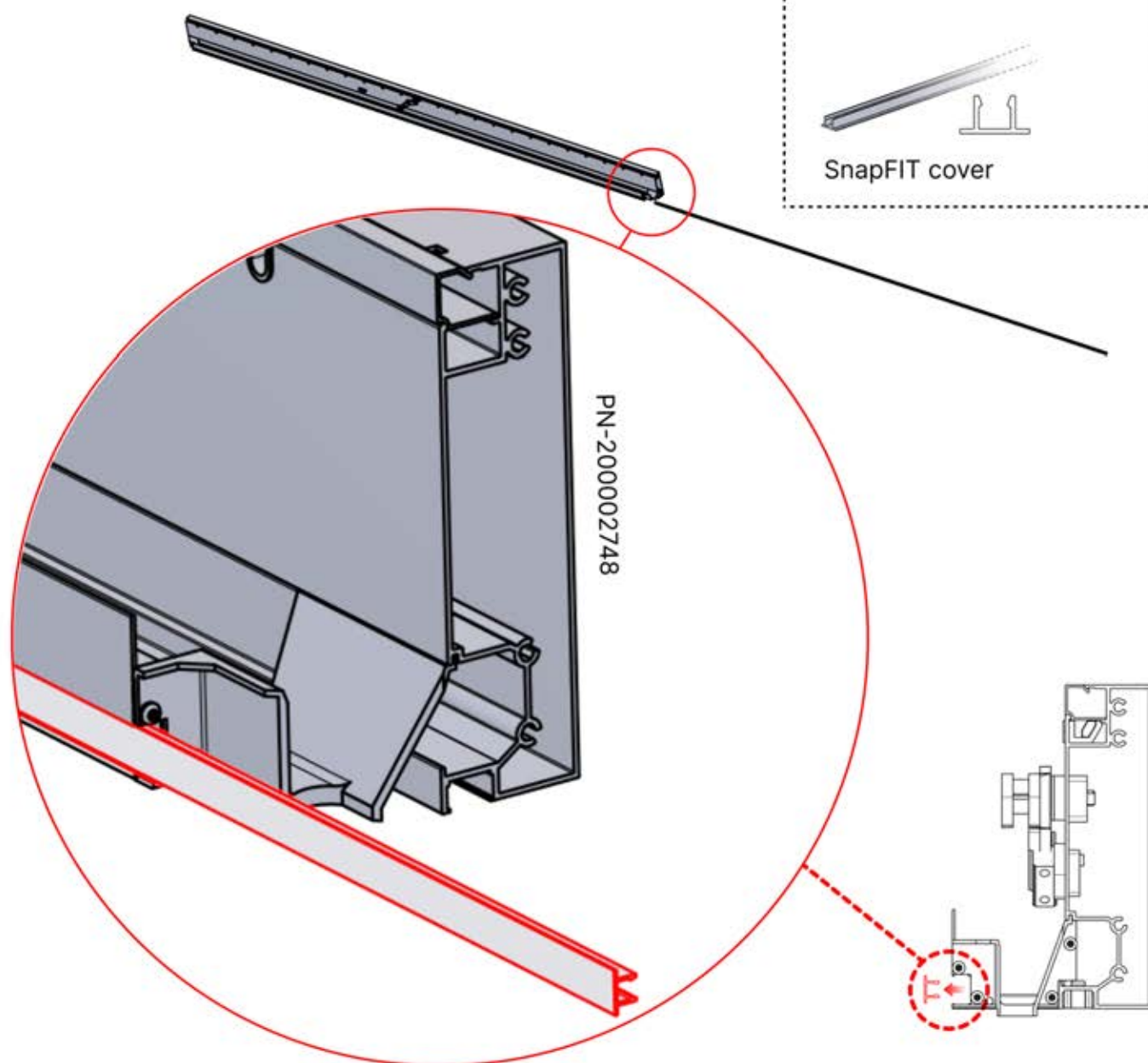
Cover and clips



PN-200000512
LED STRIP COVER CLIP



SnapFIT cover



INFORMATION



3

ANTHRACITE: B209
WHITE: B213
BLACK: B211



4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200002999
2x



PN-200002747
1x



PN-200002748
1x

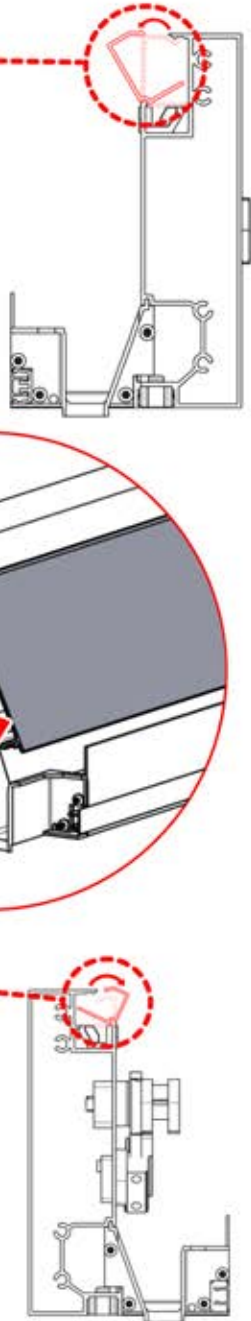
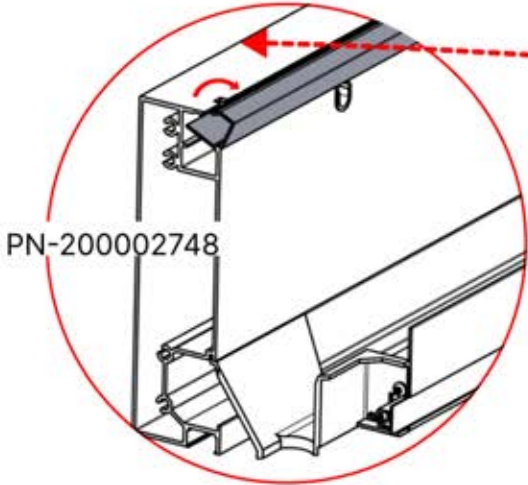
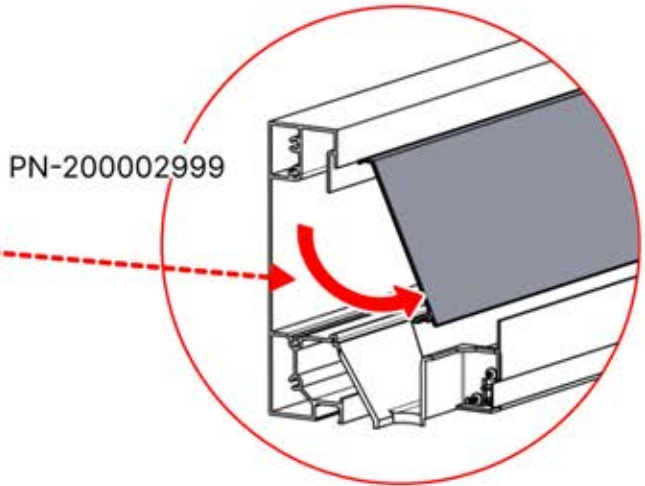
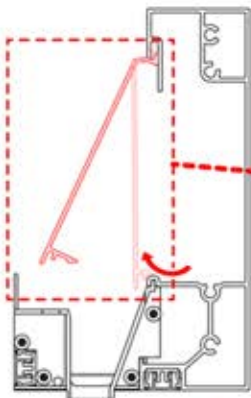
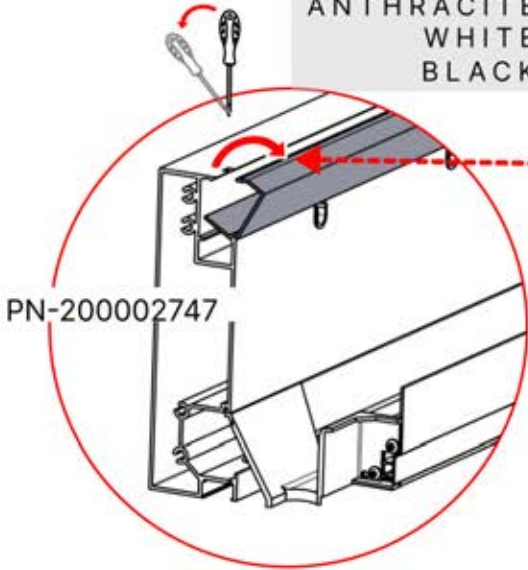
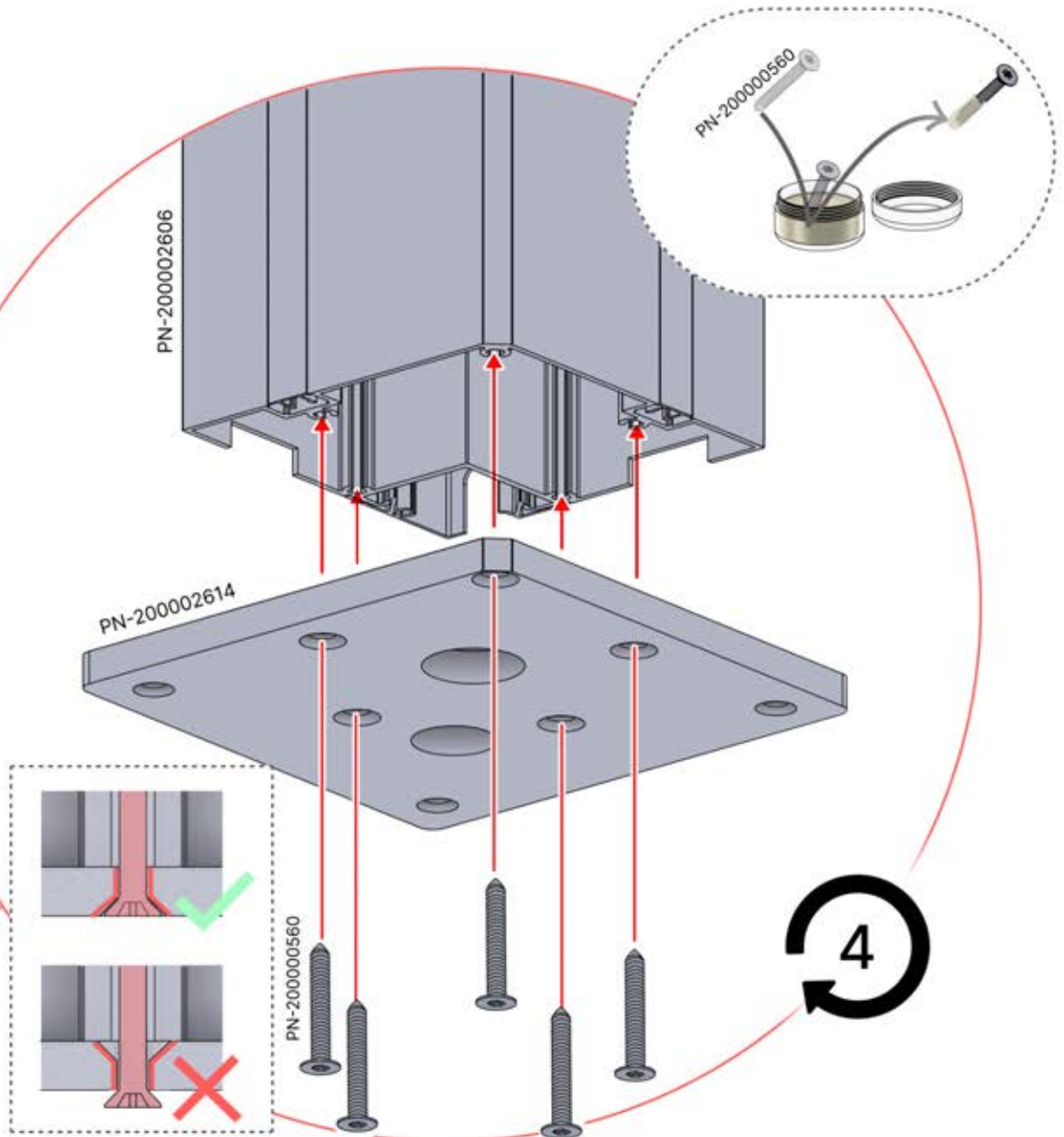
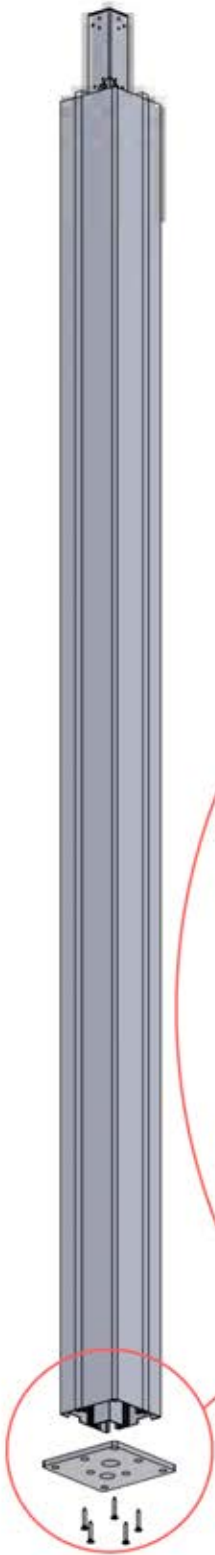


Diagram illustrating the components of the Pergolux system:

- Top Component:** A 3x2x1 Pergolux block (labeled *x2*) with a circular connector labeled **5**. Below it, a 1x2x1 Pergolux block (labeled *x1*) with a circular connector labeled **4**.
- Color Options:**
 - ANTHRACITE: C120
 - WHITE: C122
 - BLACK: C121



02



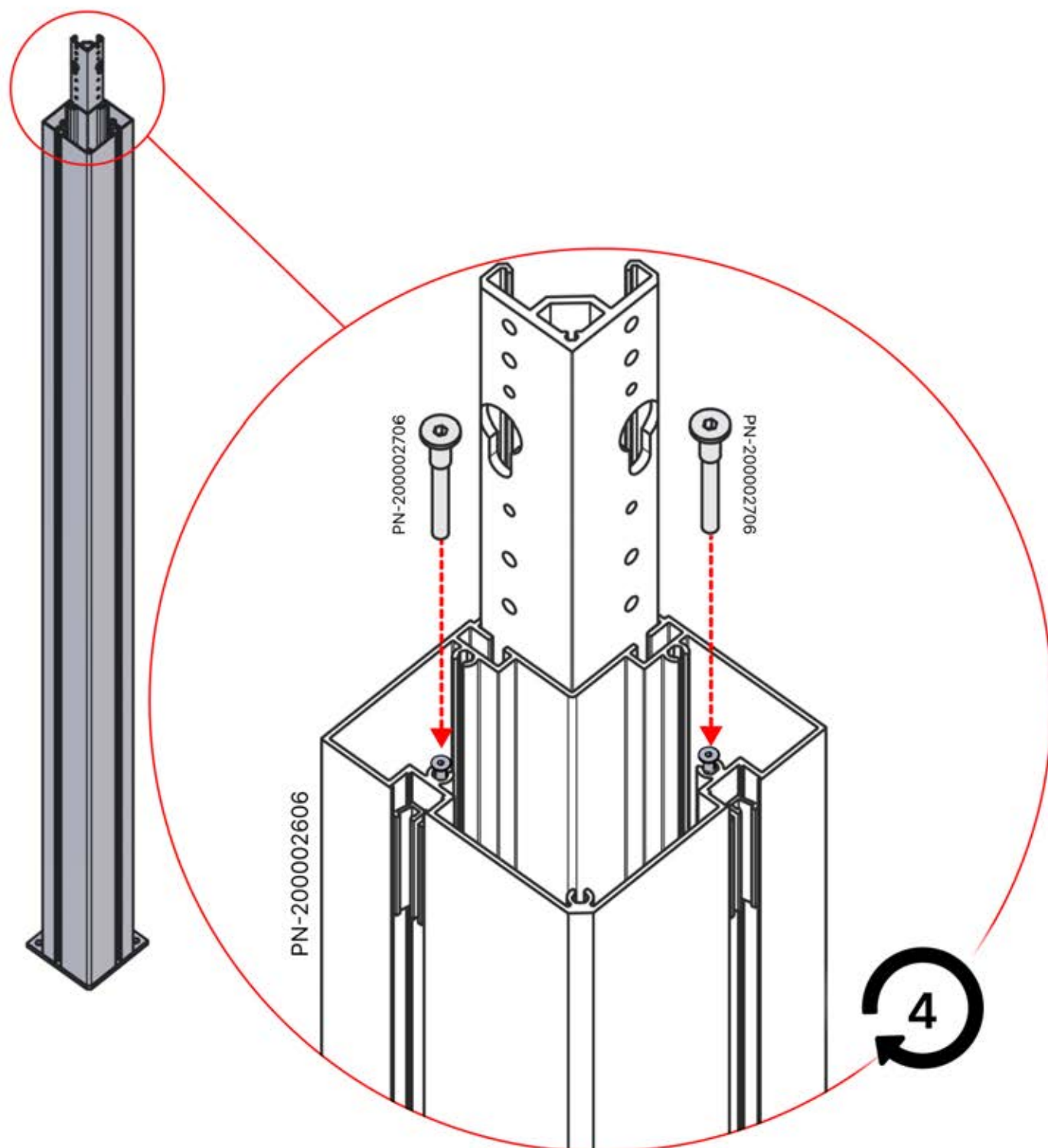
4

ANTHRACITE:	B188
WHITE:	B194
BLACK:	B191



PN-200002706

8x



INFORMATION

x2

PERGOLUX

PERGOLUX

5

x1

PERGOLUX

4

ANTHRACITE: C120

WHITE: C122

BLACK: C121

ANTHRACITE: B188

WHITE: B194

BLACK: B191





PN-200002606

4x





PN-200002747

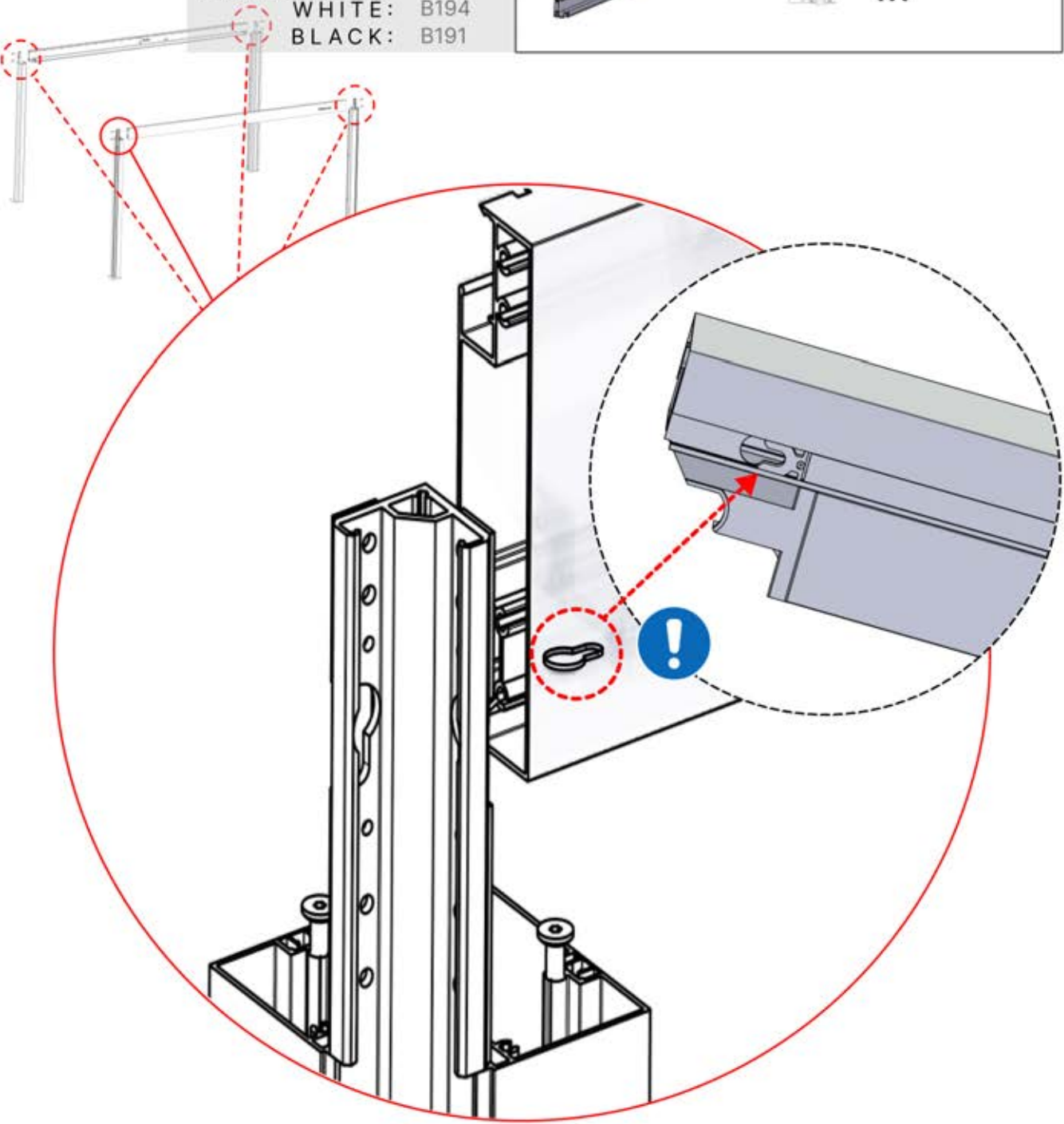
1x



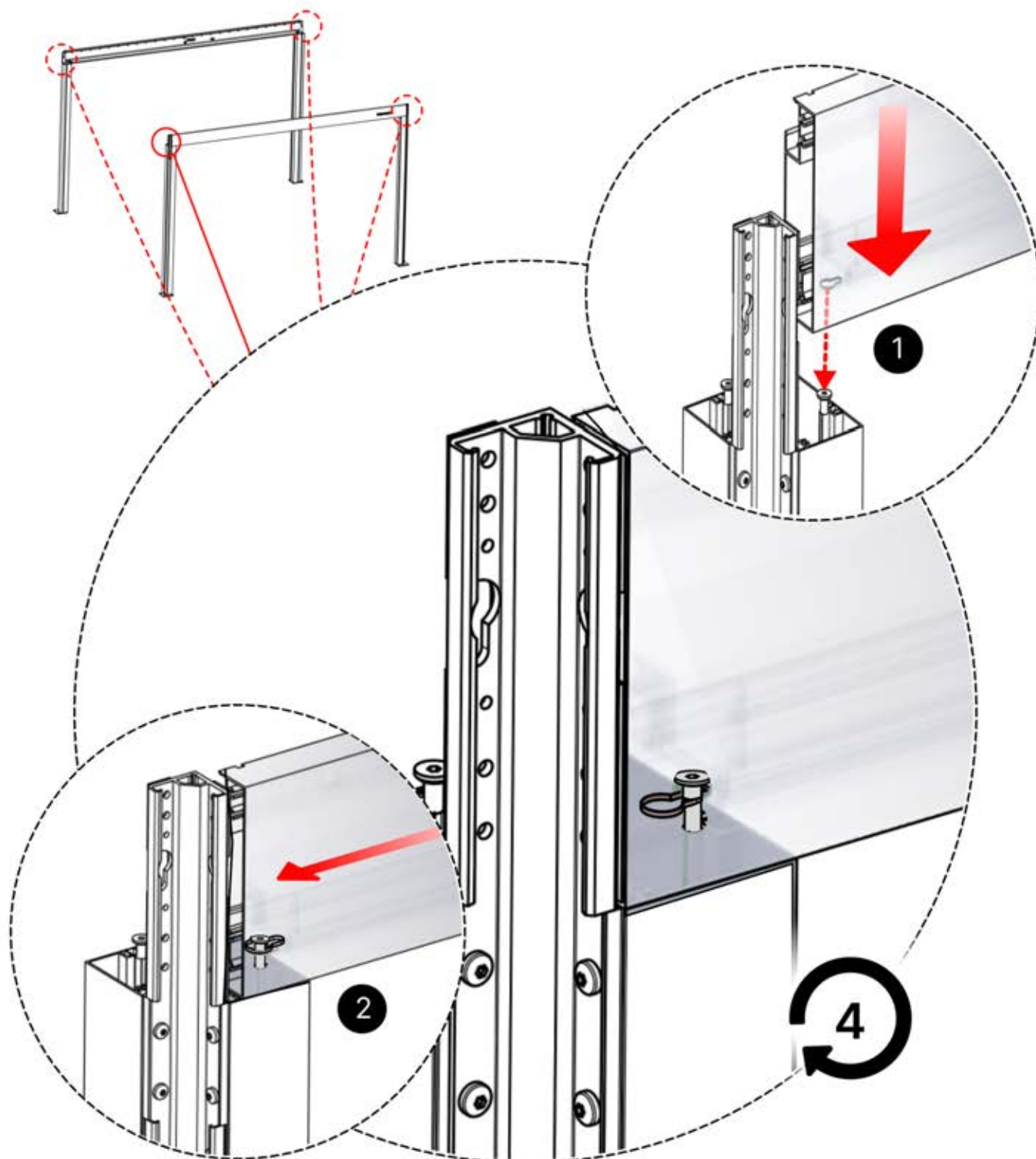
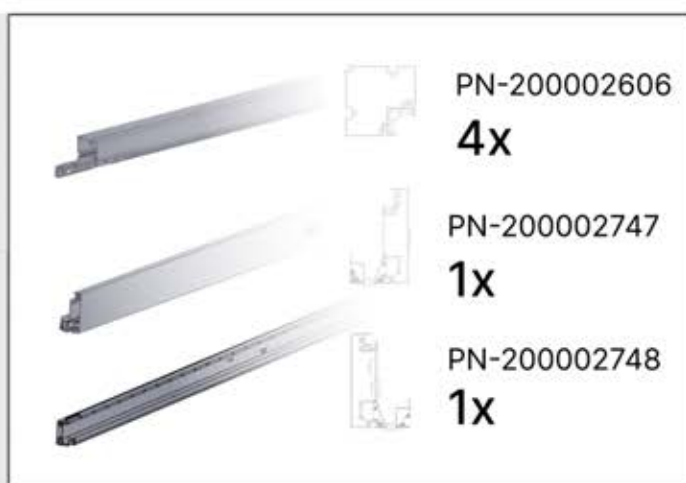
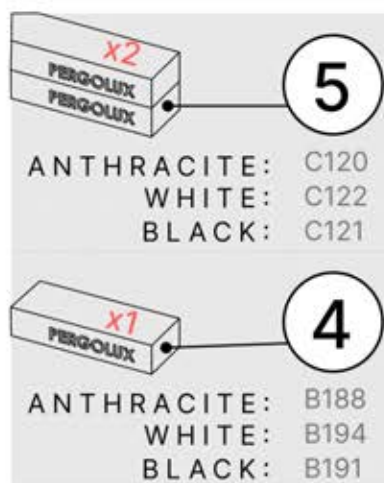


PN-200002748

1x



03



04

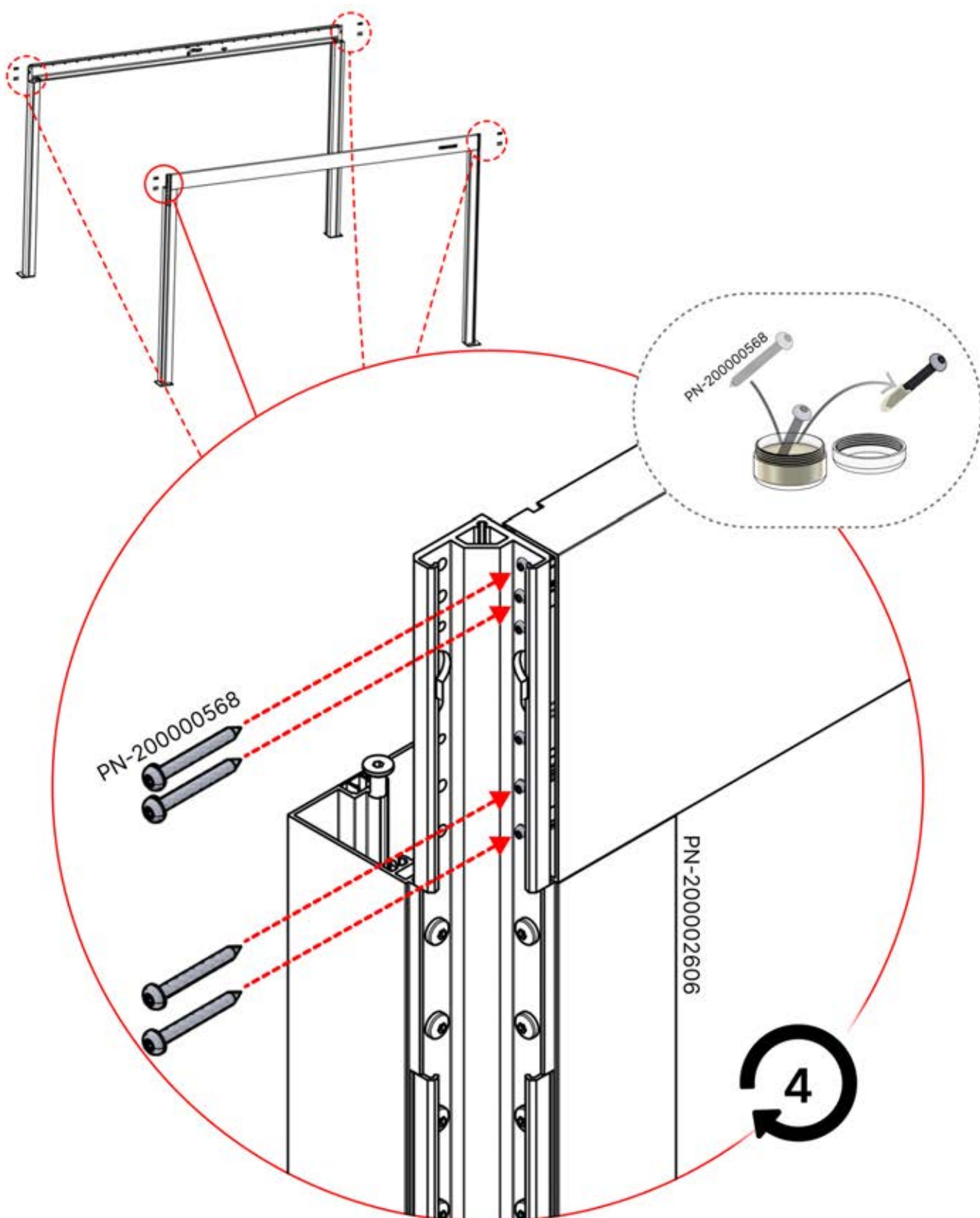
x7
PERGOLUX

4

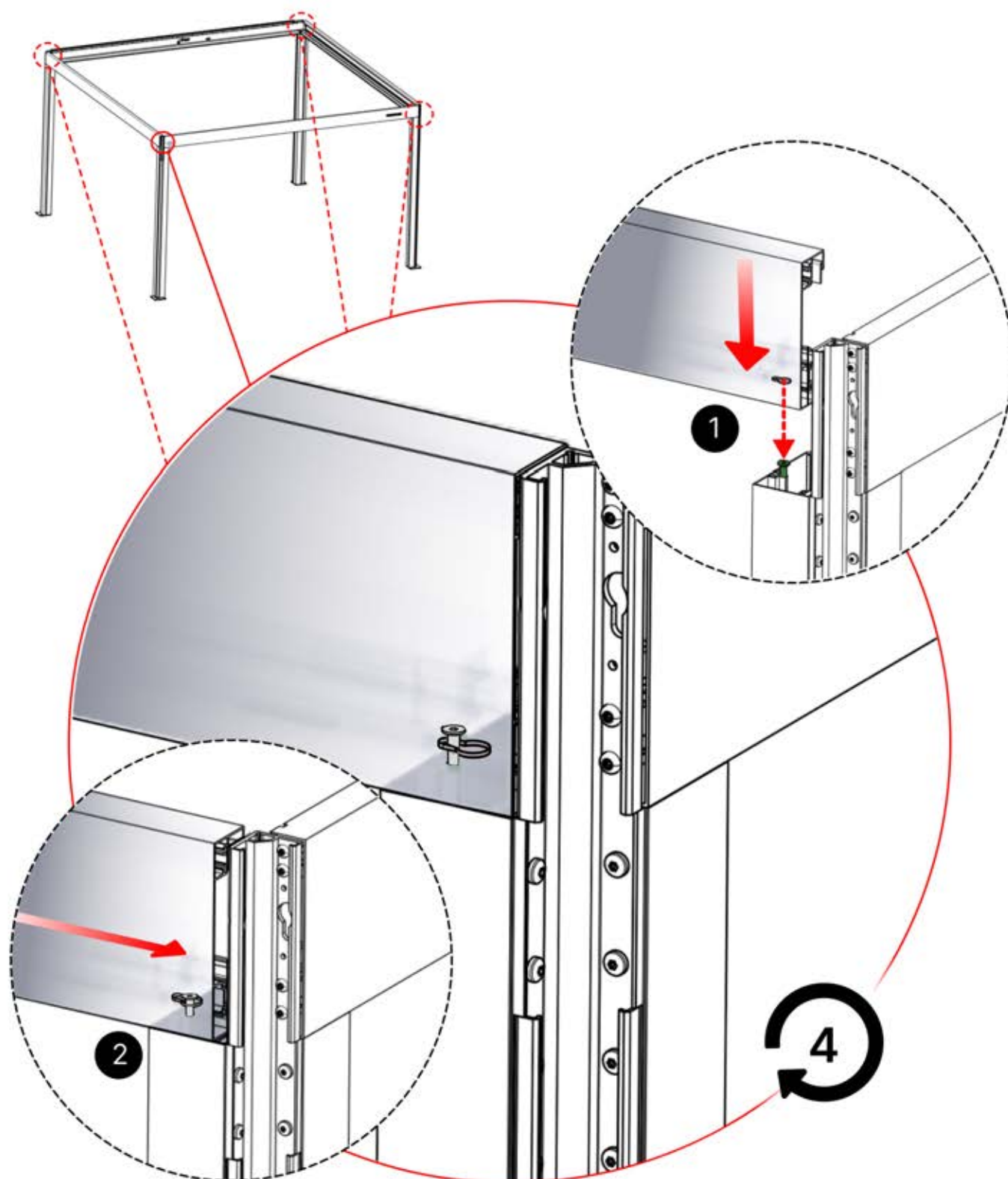
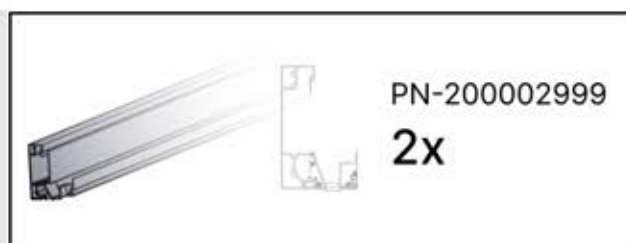
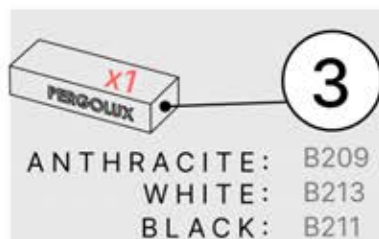
ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200000568
16x



05



06

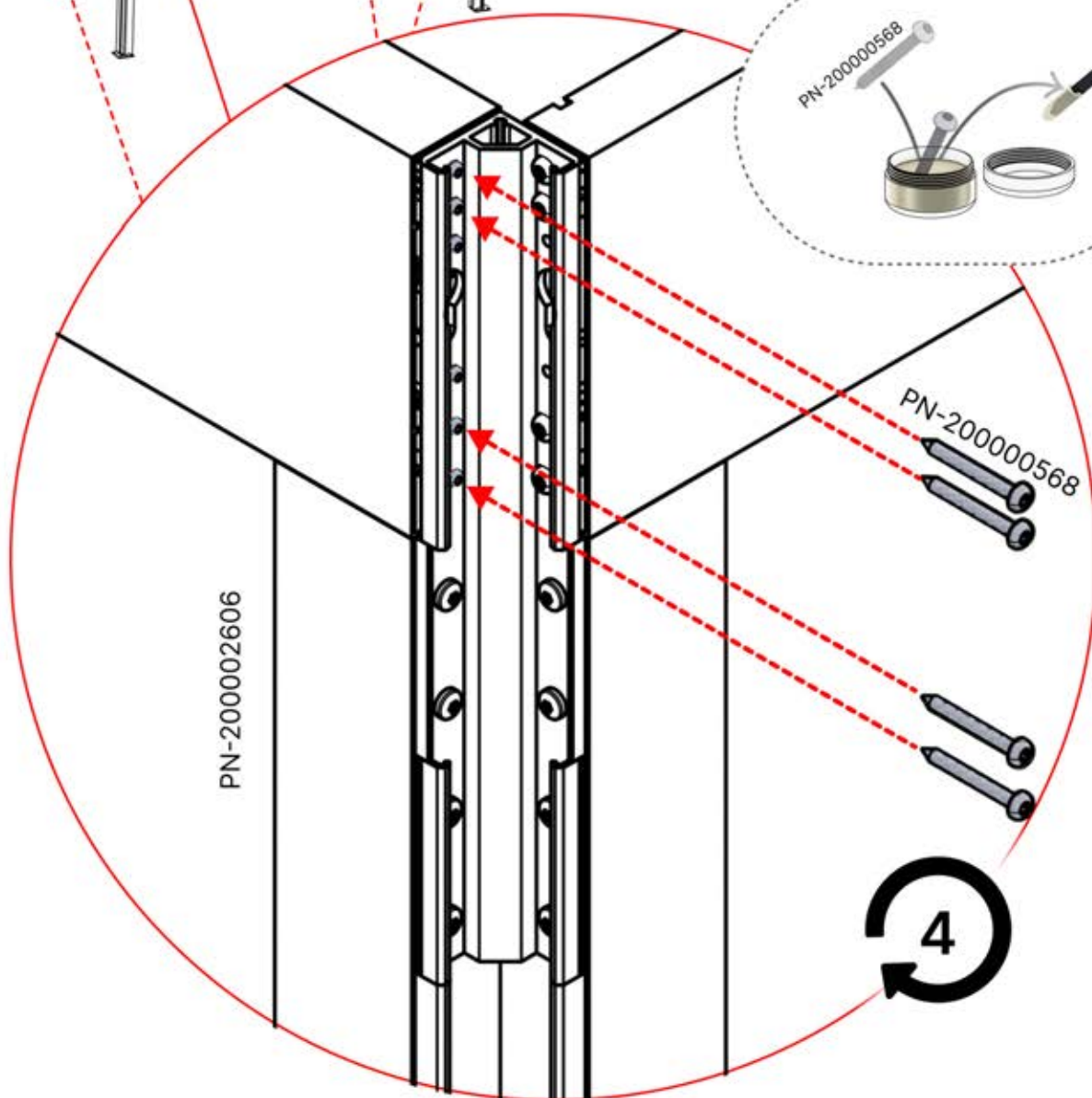
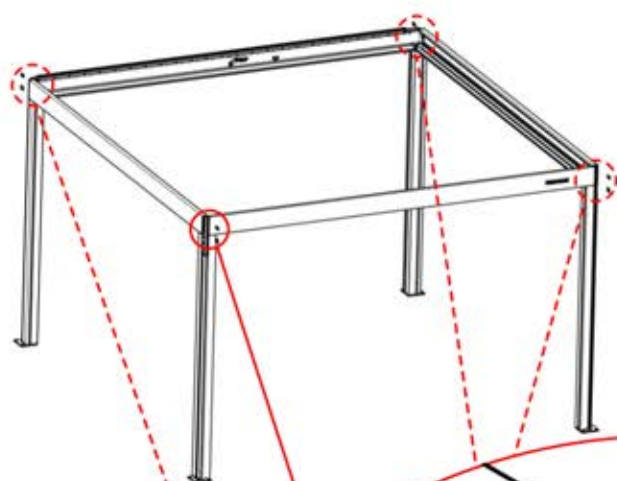


4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200000568
16x



INFORMATION

Have you ordered LED-Lights?

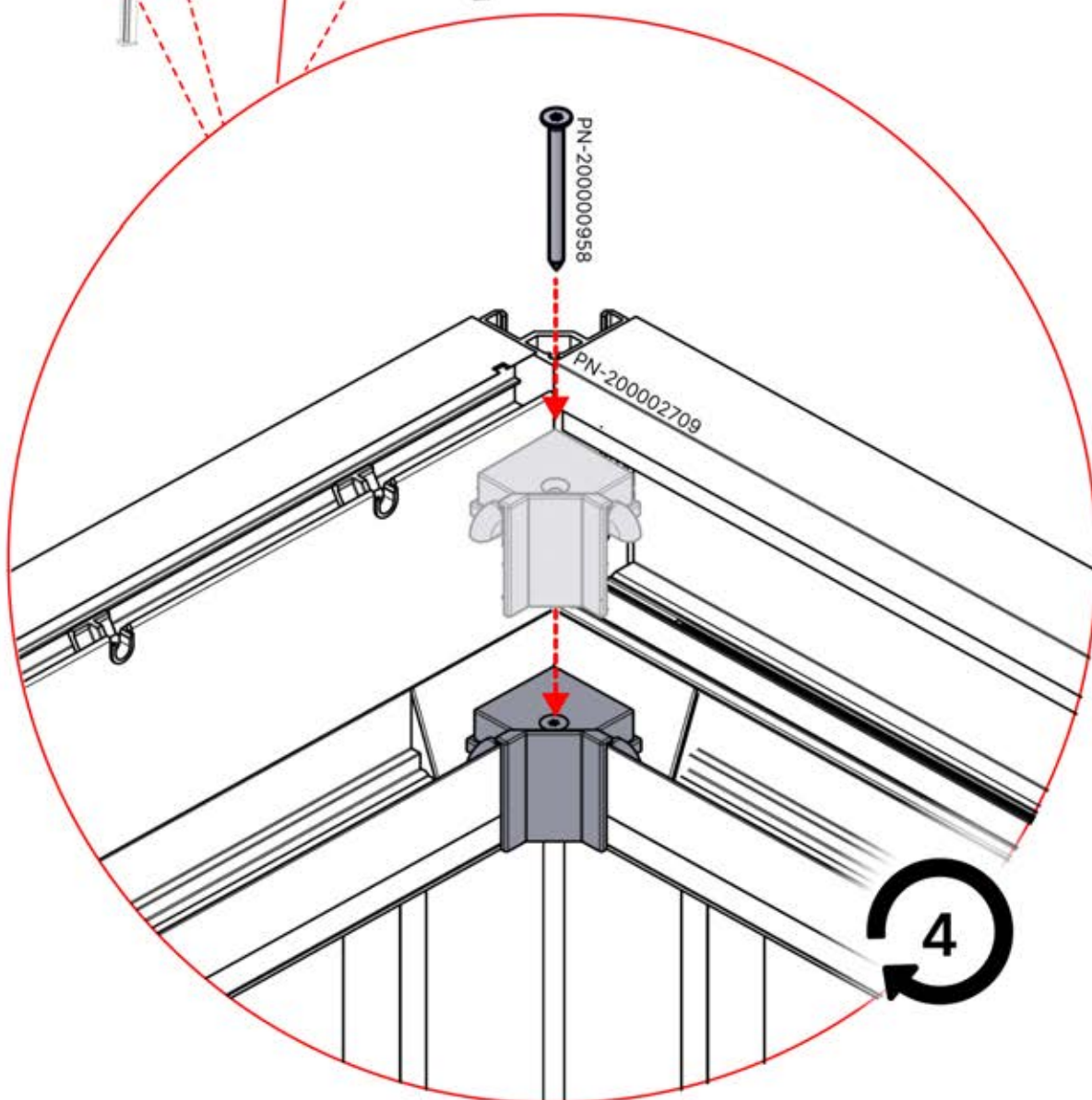
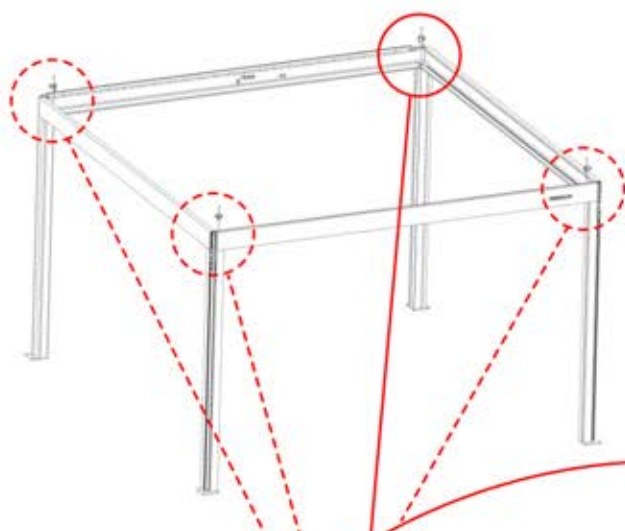
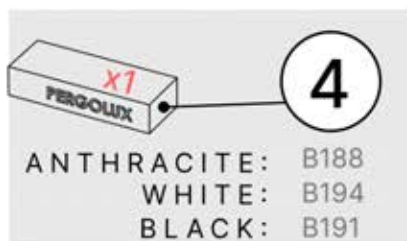
Now is the time to start the assembling.



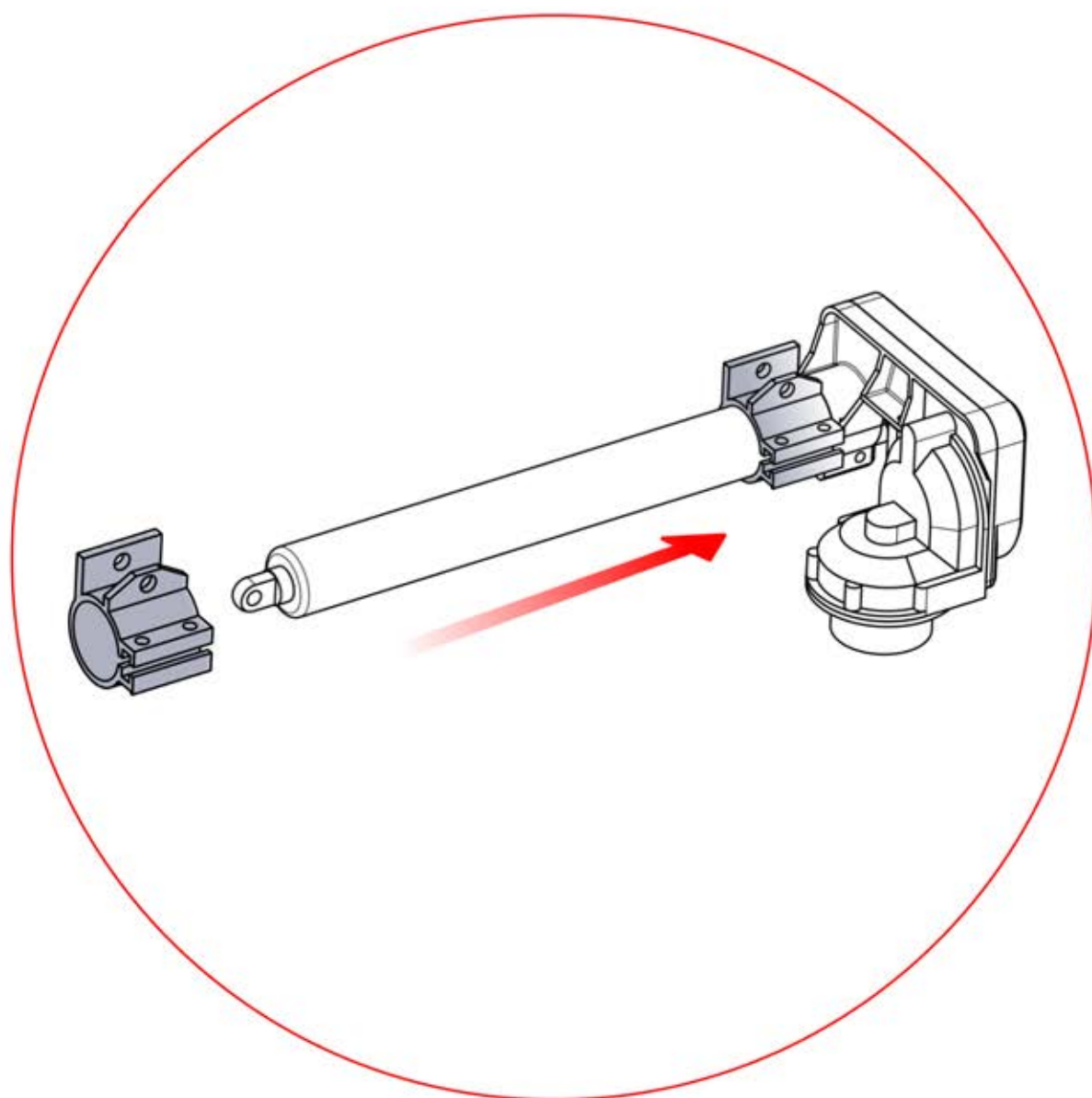
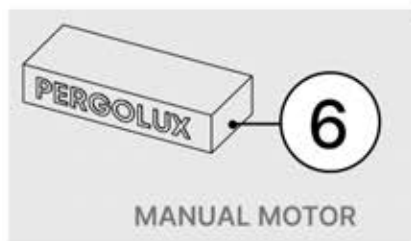
Follow the instruction for the LED lights in the assembly PDF and Video linked:



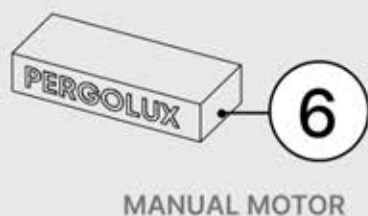
07



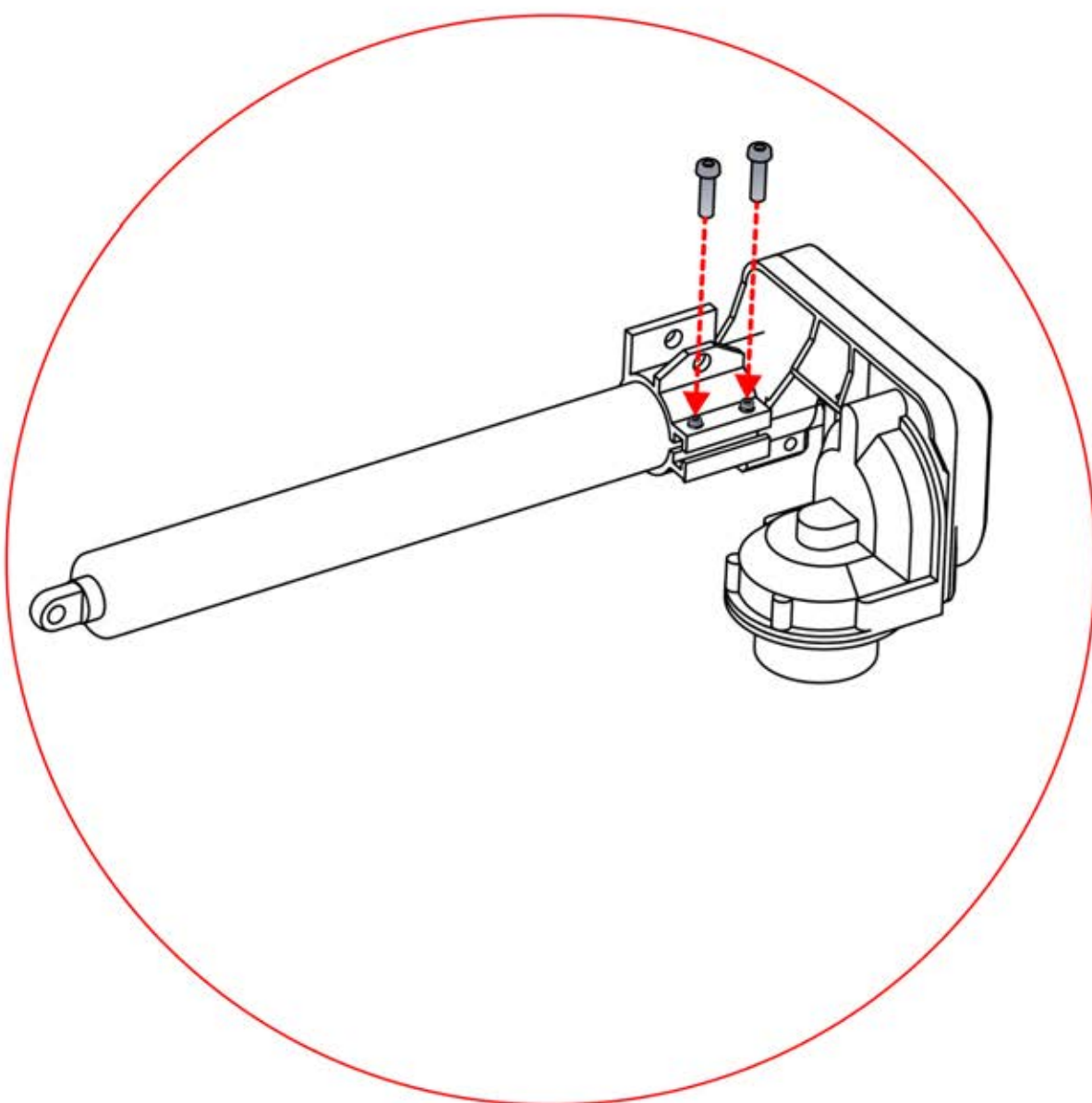
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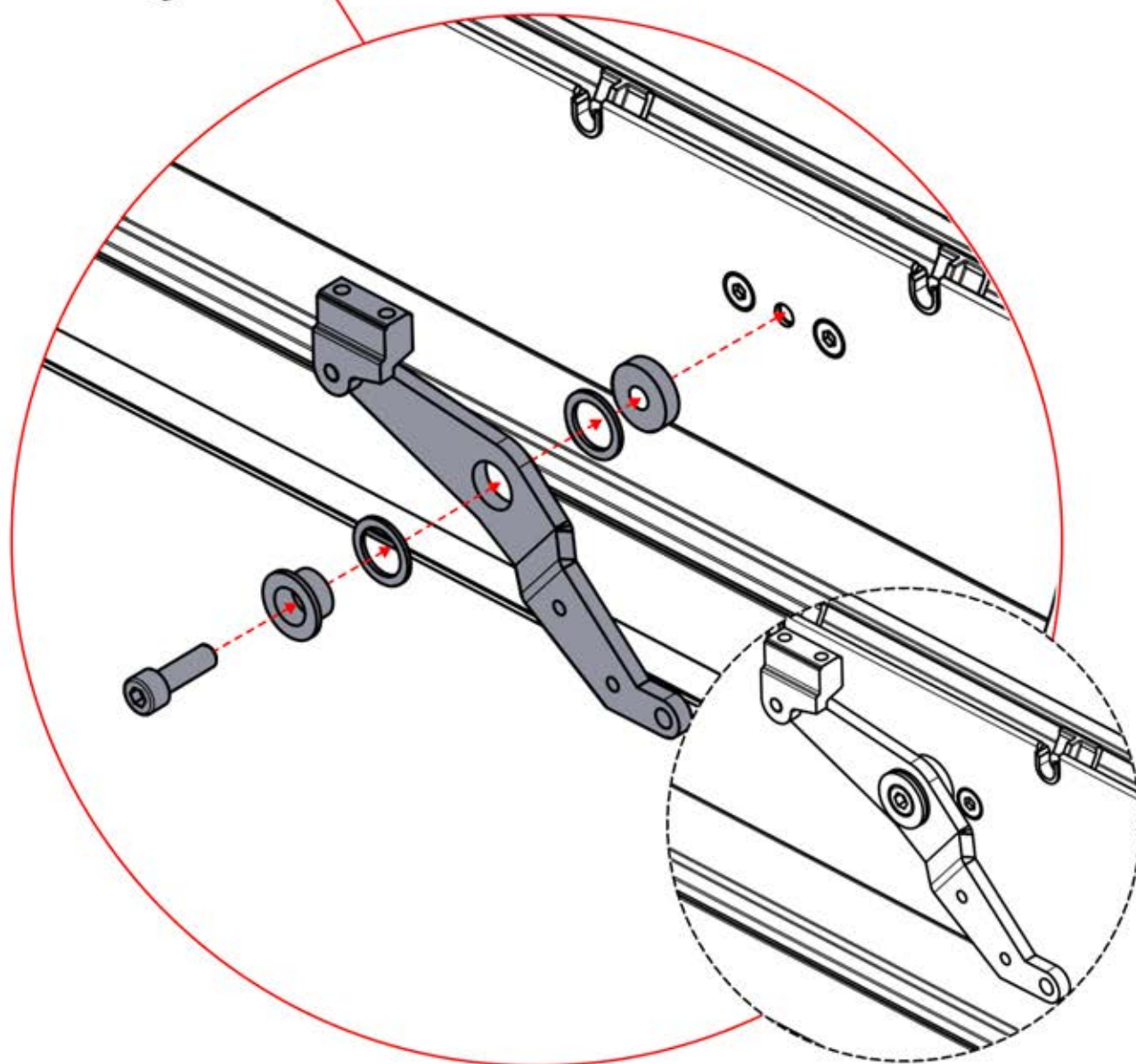
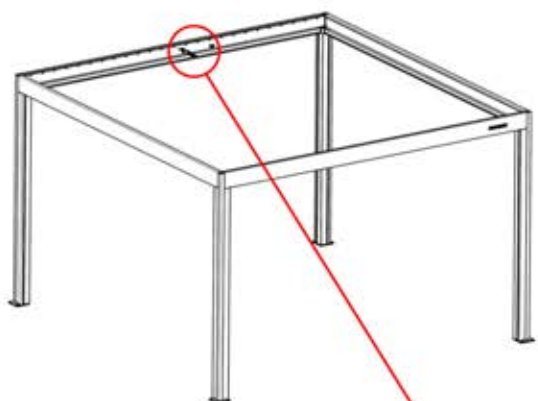
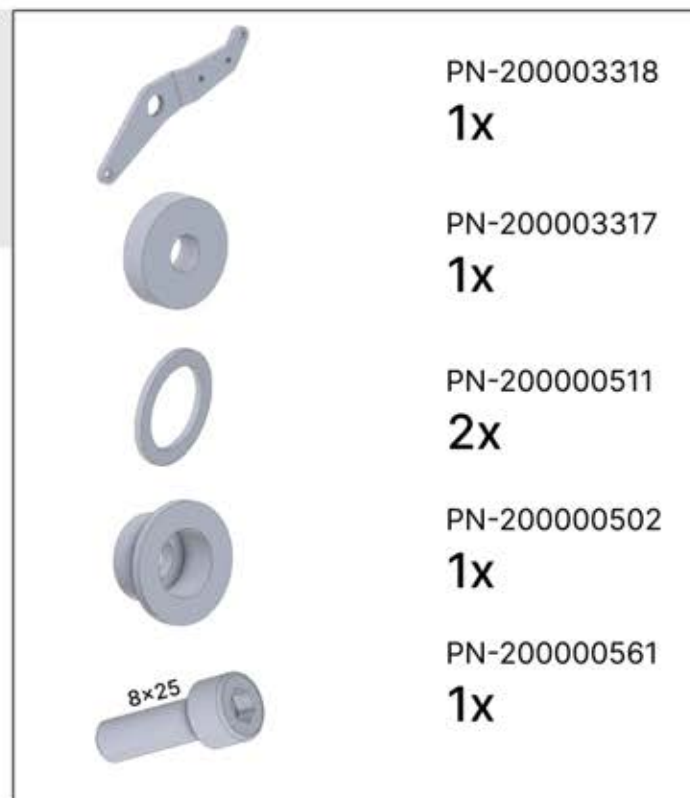
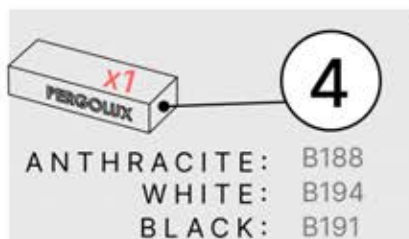
09



PN-200001625
2x



10



11



4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200003367

1x



PN-200000853

2x



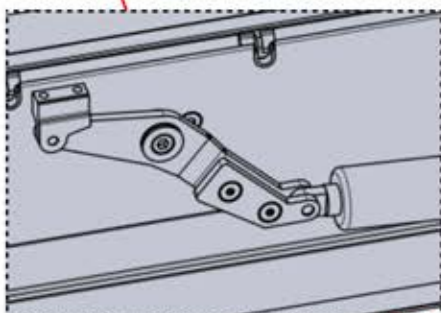
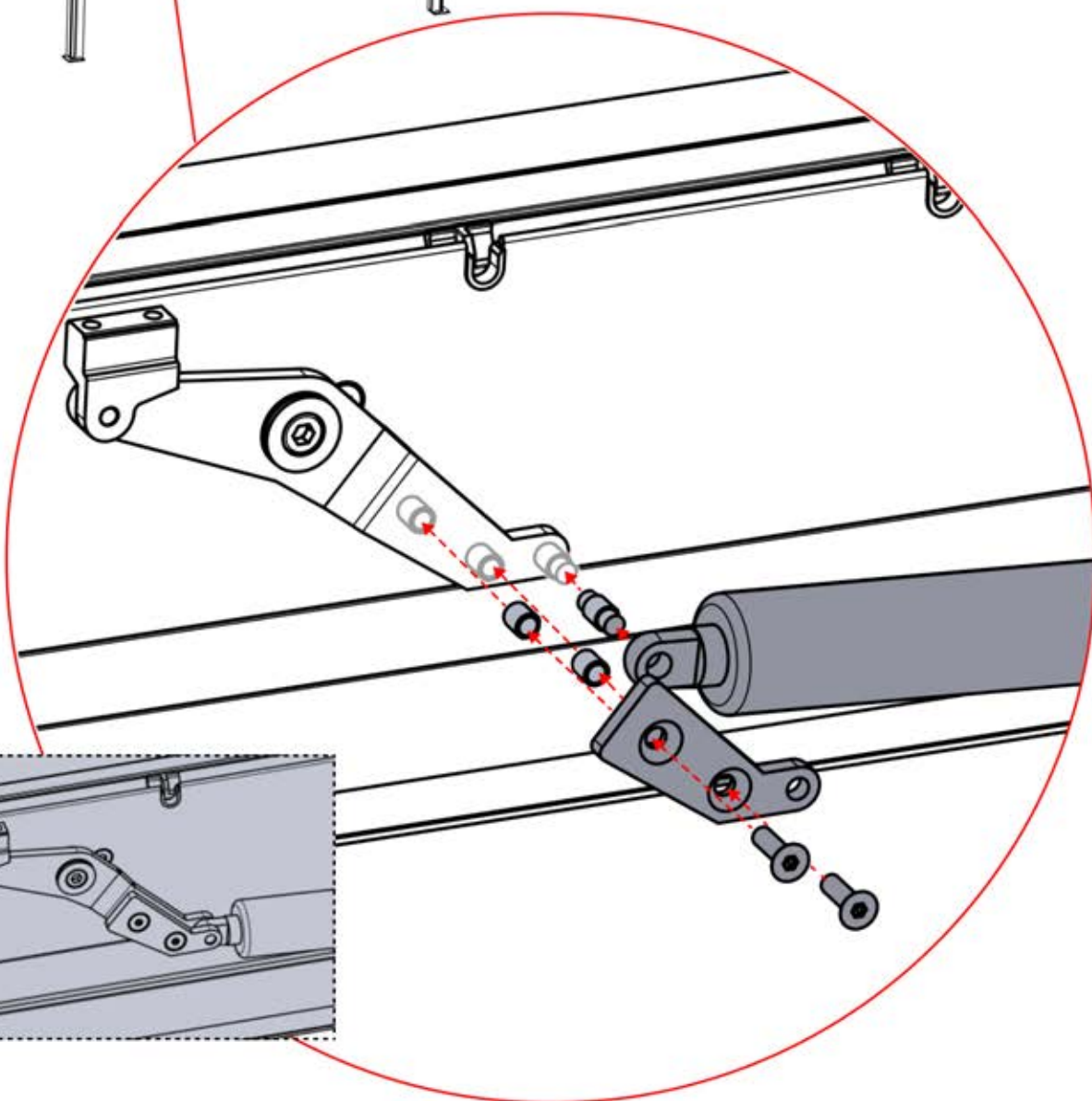
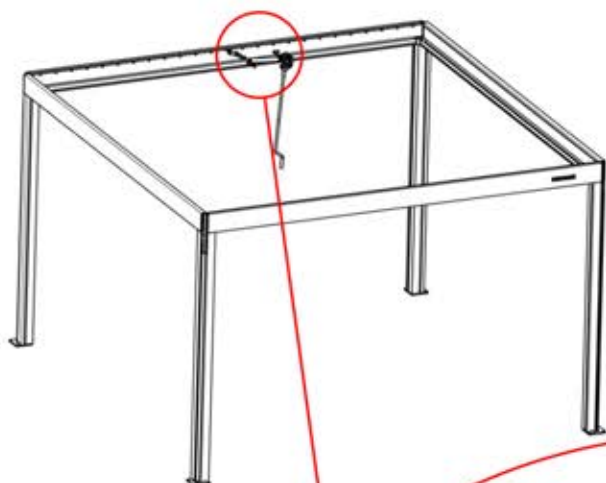
PN-200003370

1x

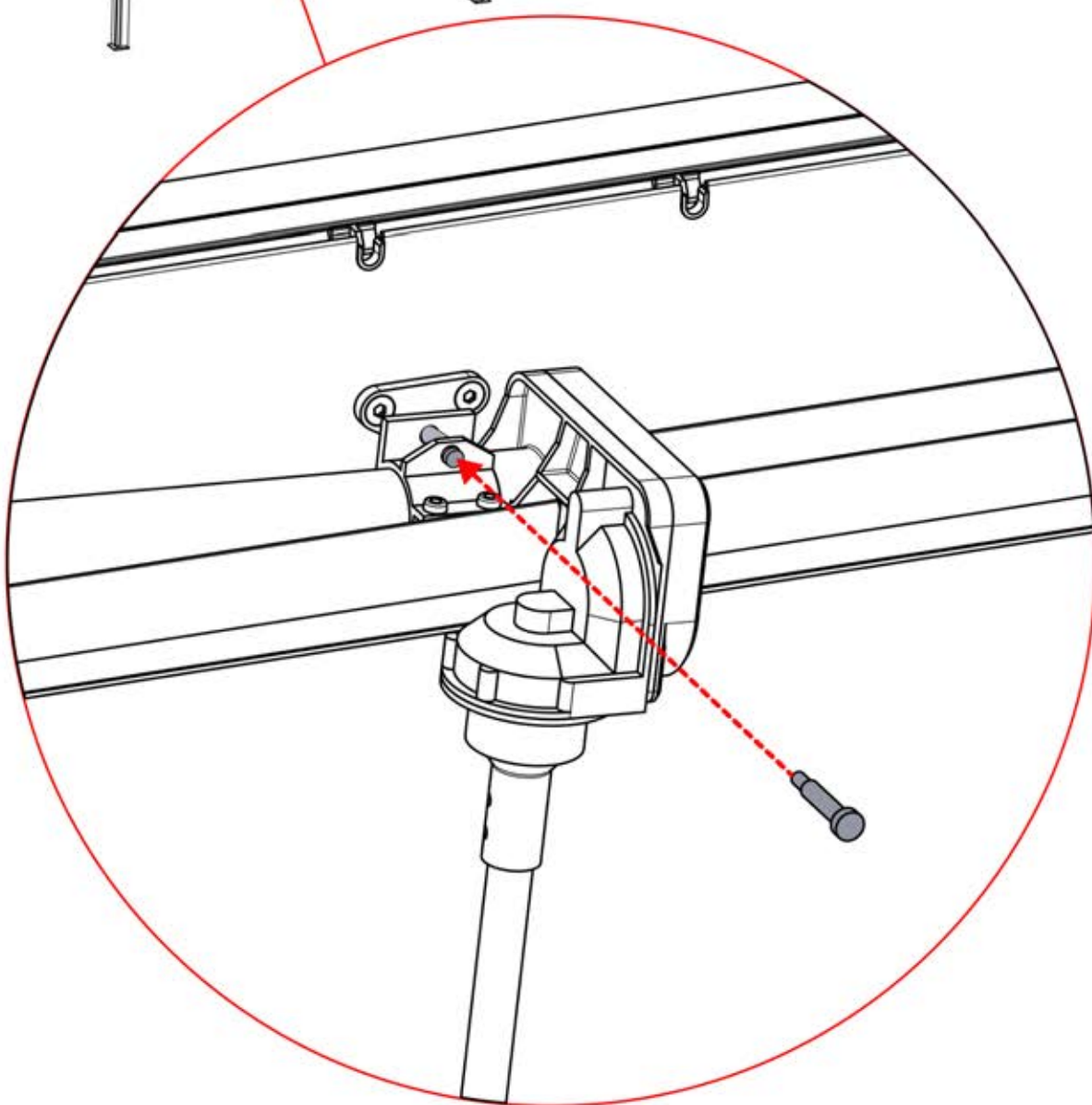
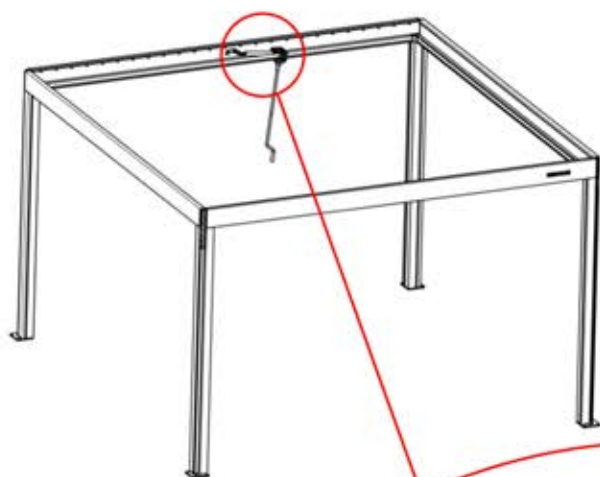
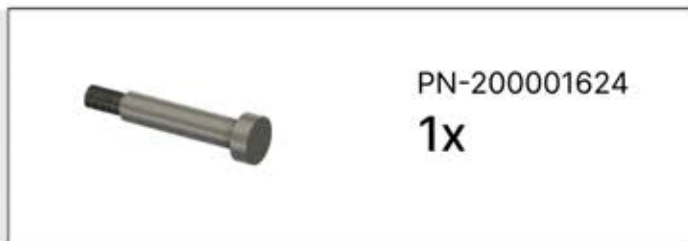
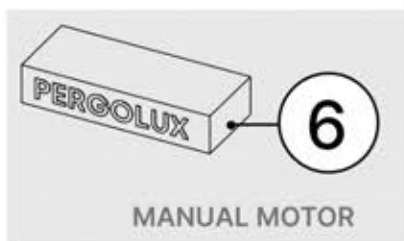


PN-200003368

2x



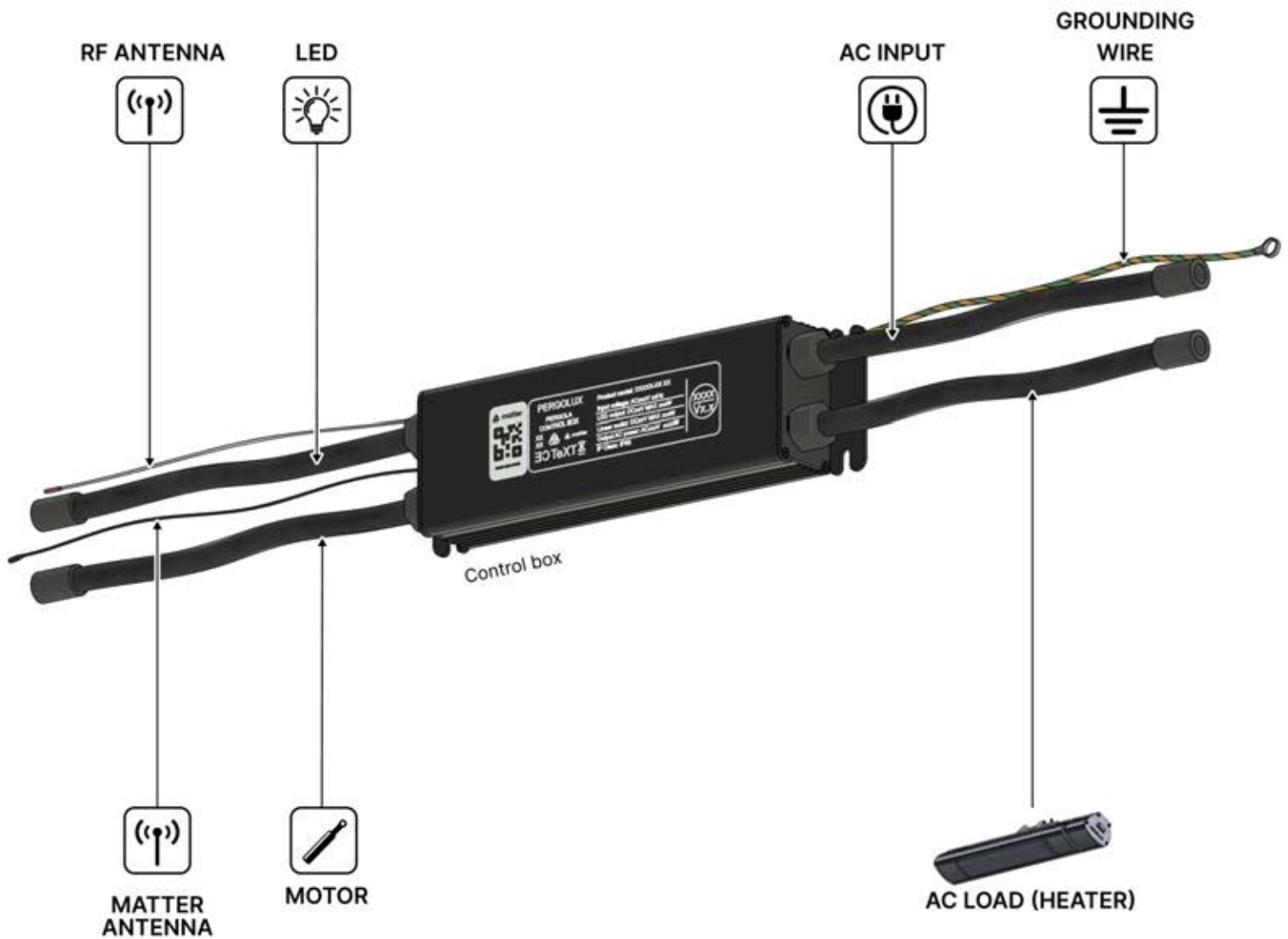
12



INPUTS AND OUTPUTS



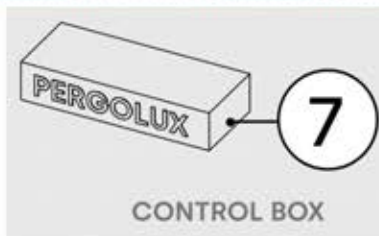
** Only if you ordered LED lights to your pergola.





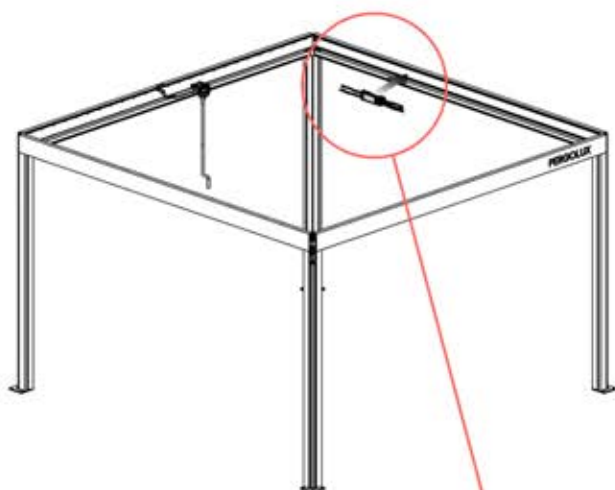
**** Only if you ordered LED lights to your pergola.**

13

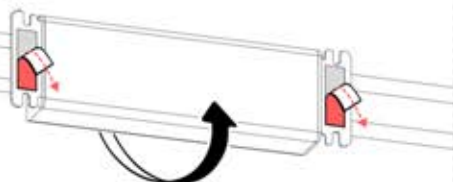
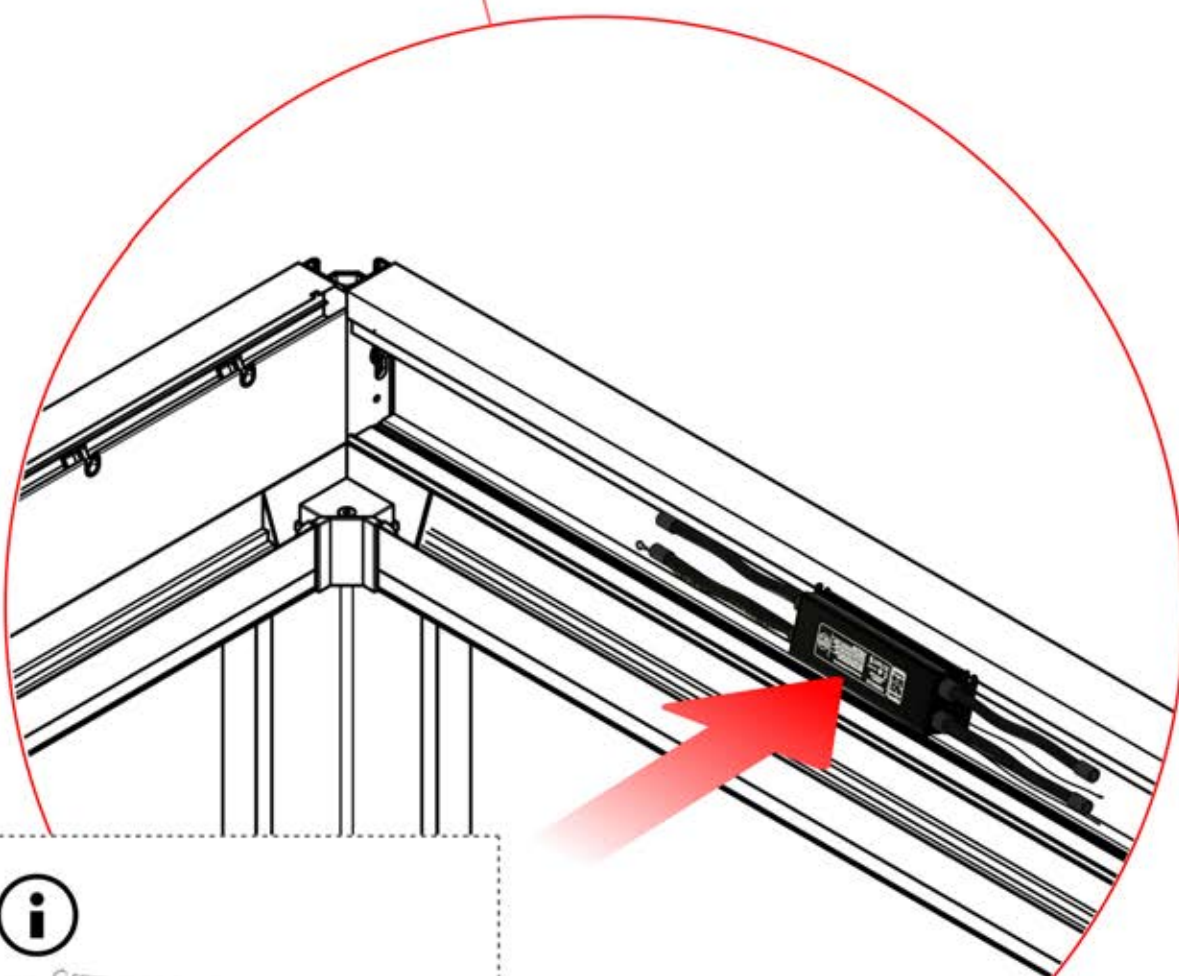


Control box

1x



Control Box can be
installed on
Preferred W BEAM





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

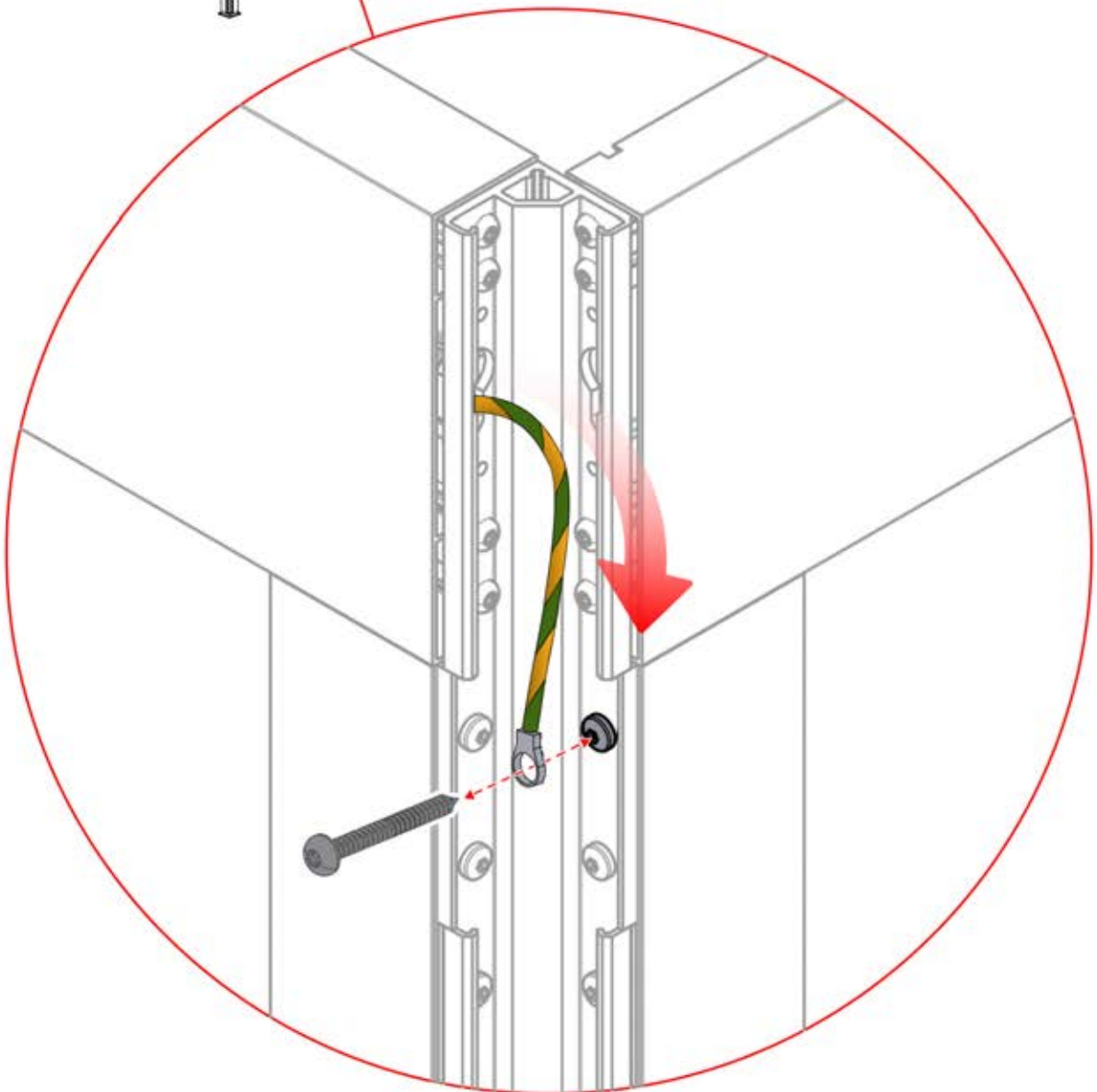
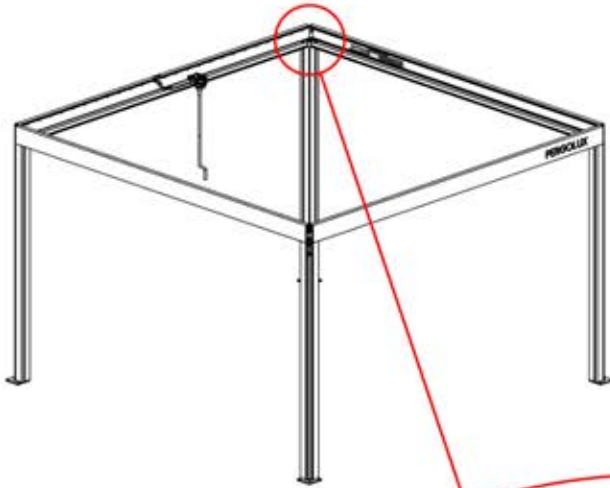
14



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



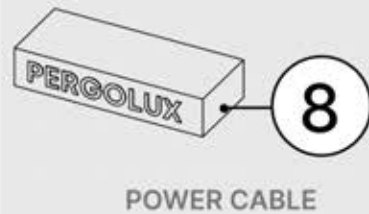
GROUNDING



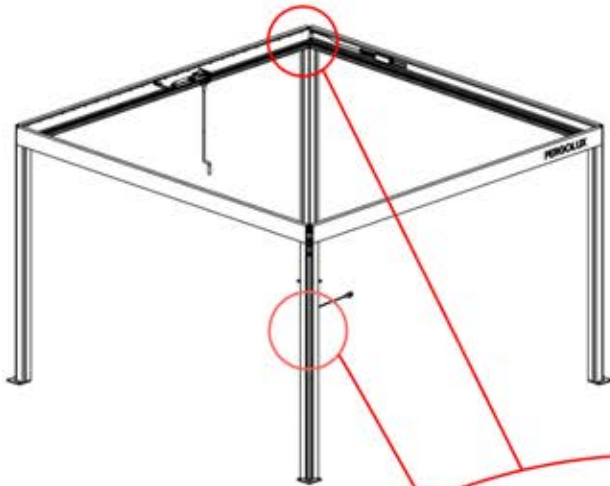


**** Only if you ordered LED lights to your pergola.**

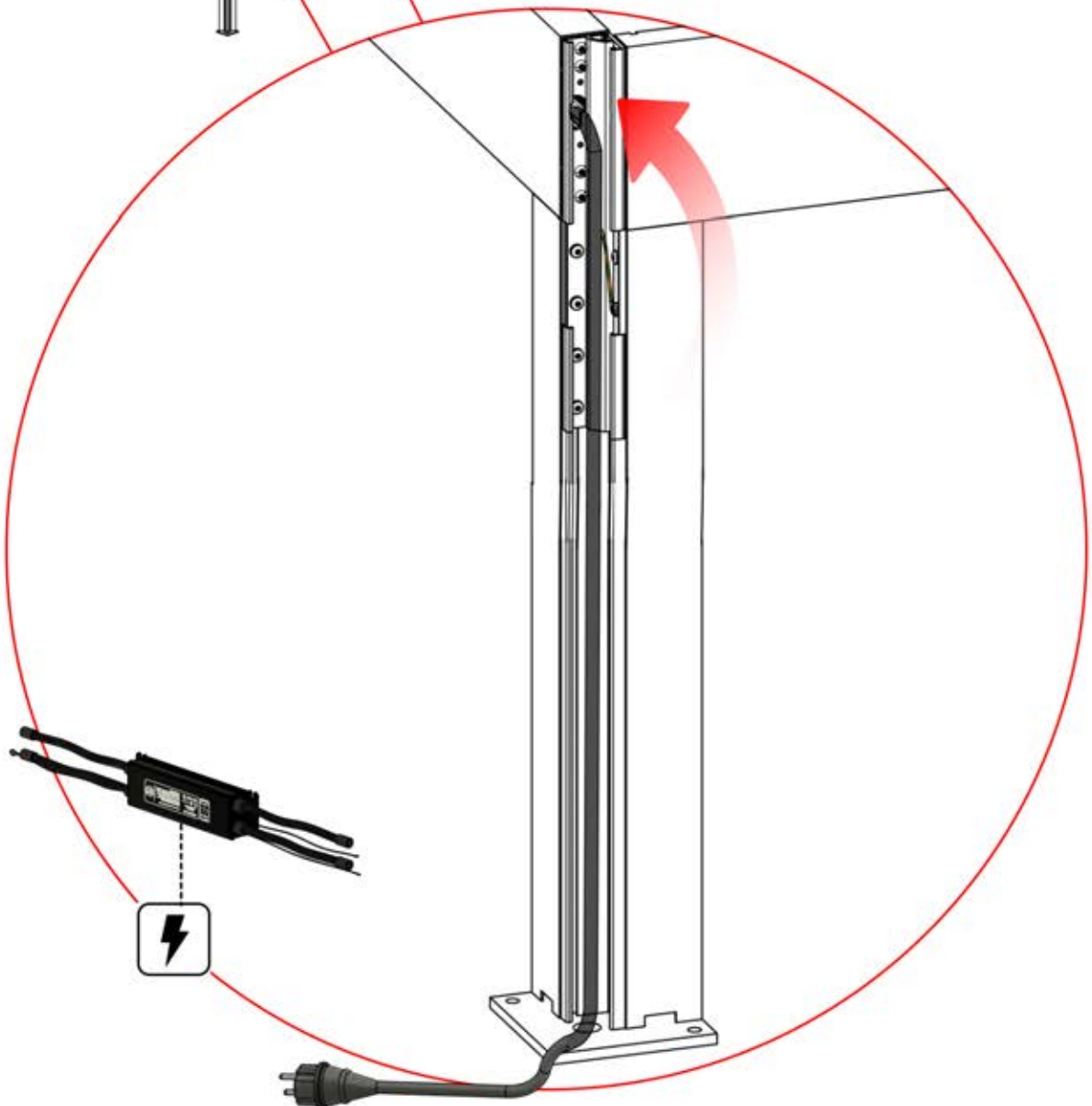
15



Power cable
PN-200003781
1x



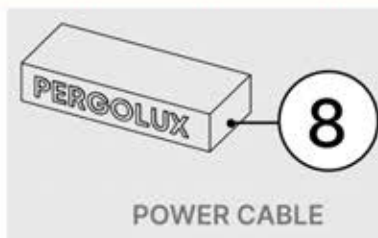
Power Cable can be
routed through all
the Poles.





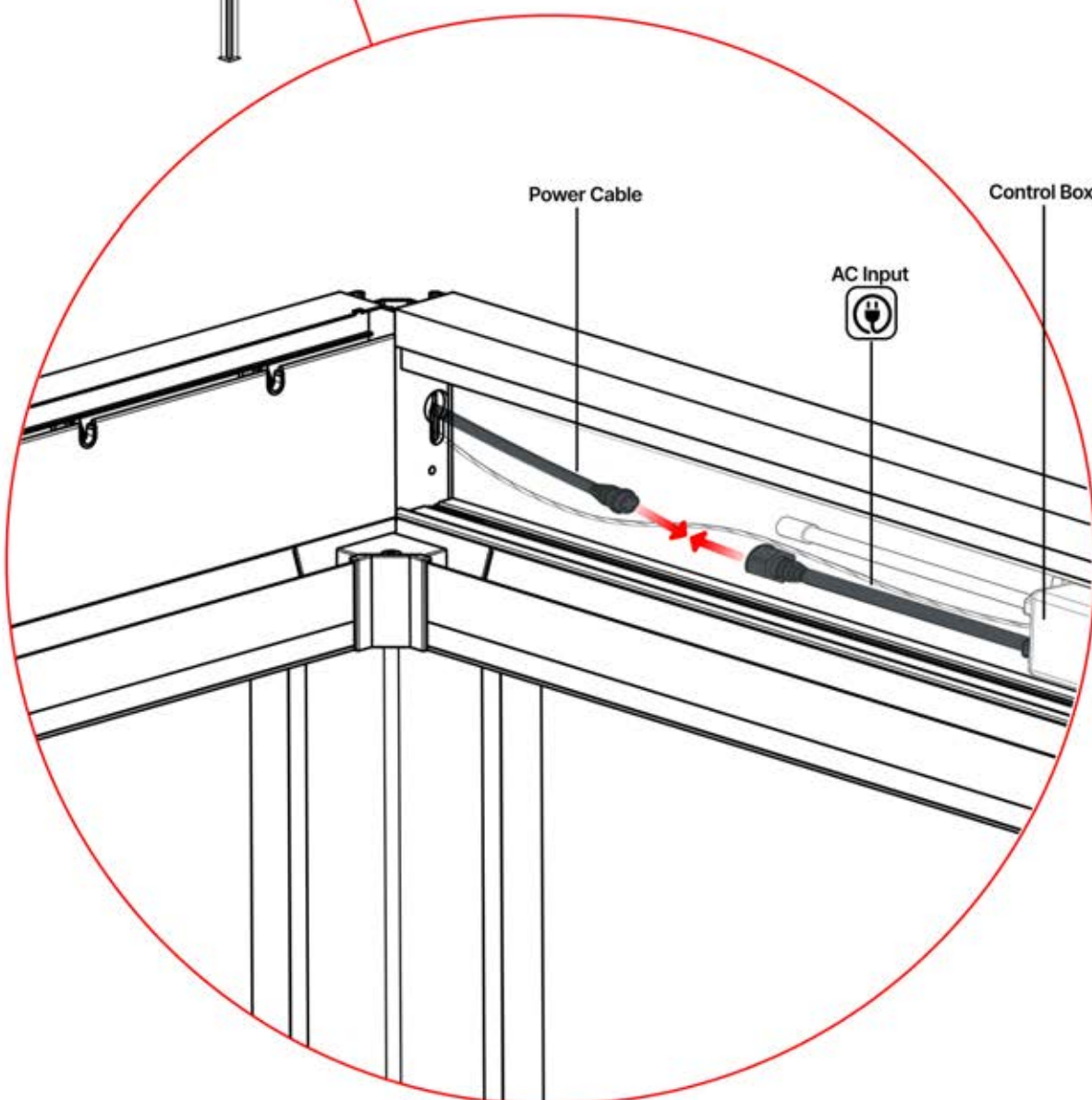
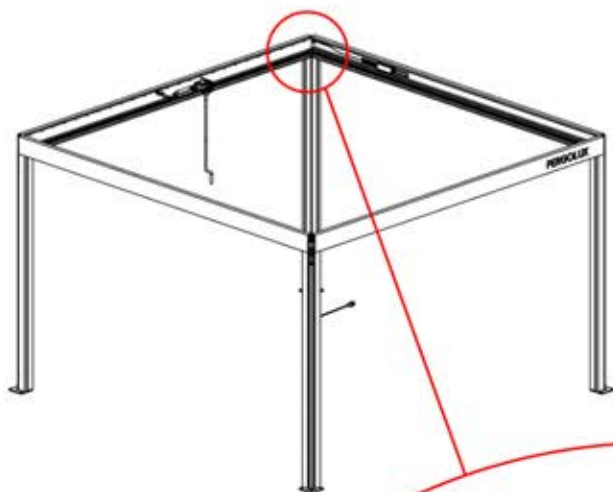
**** Only if you ordered LED lights to your pergola.**

16



Power cable

1x





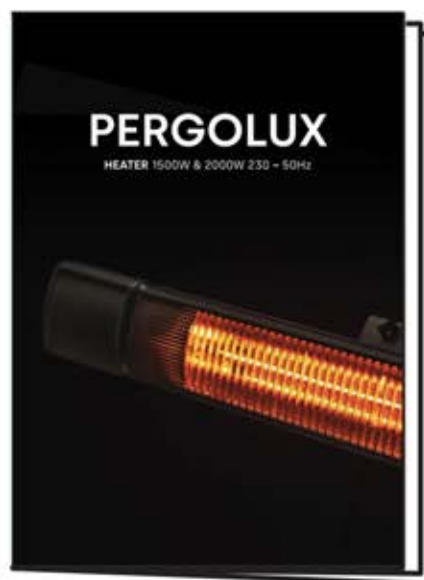
** Only if you ordered LED lights to your pergola.

17

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.

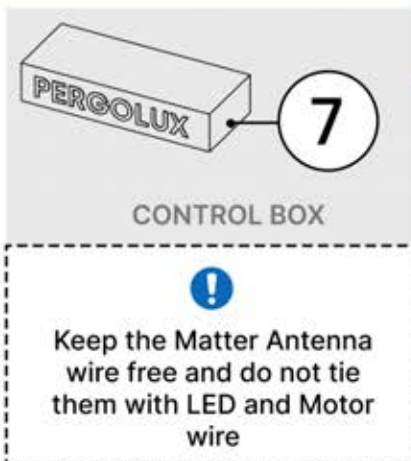
Follow the instruction in the assembly manual.





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

18



S4



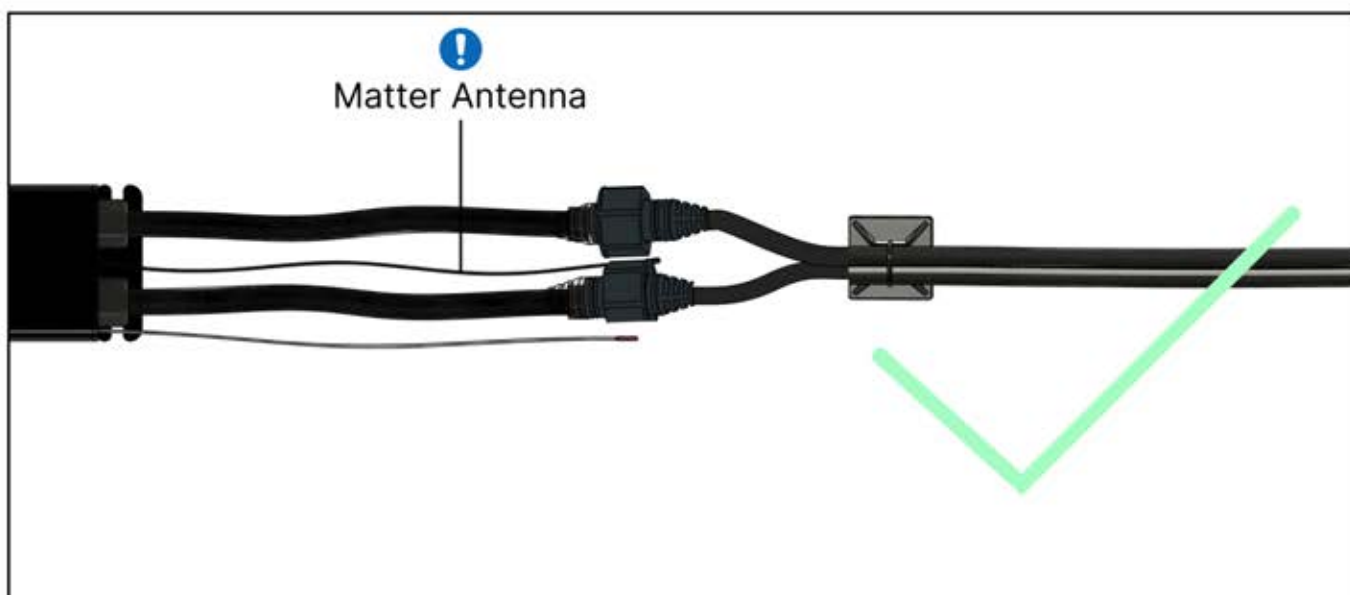
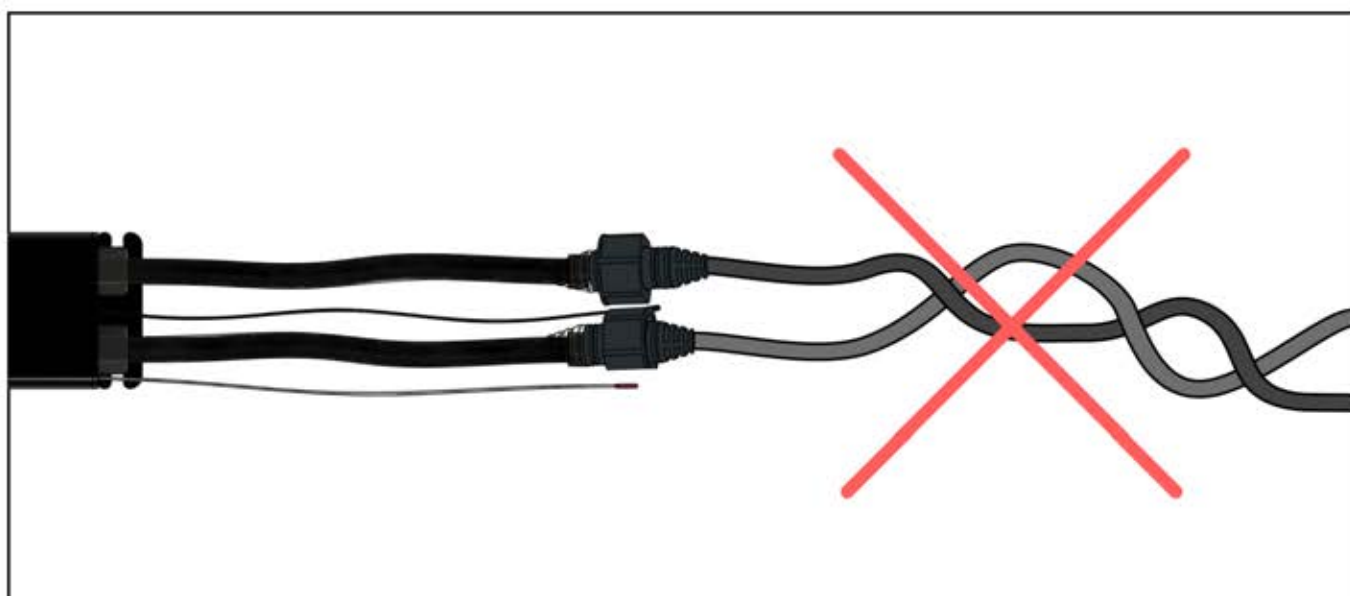
PN-200002683

5x



PN-200002684

10x



19

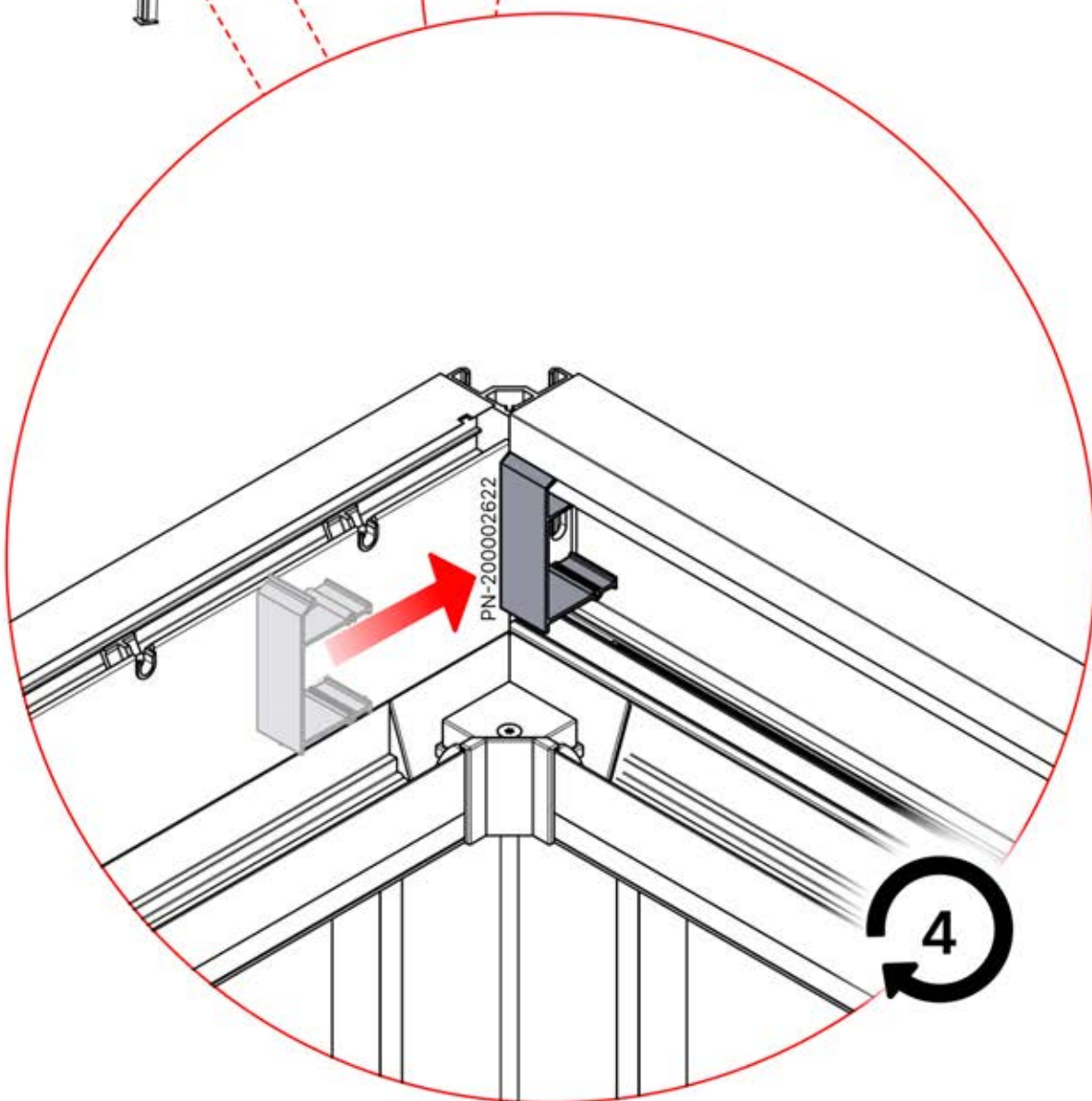
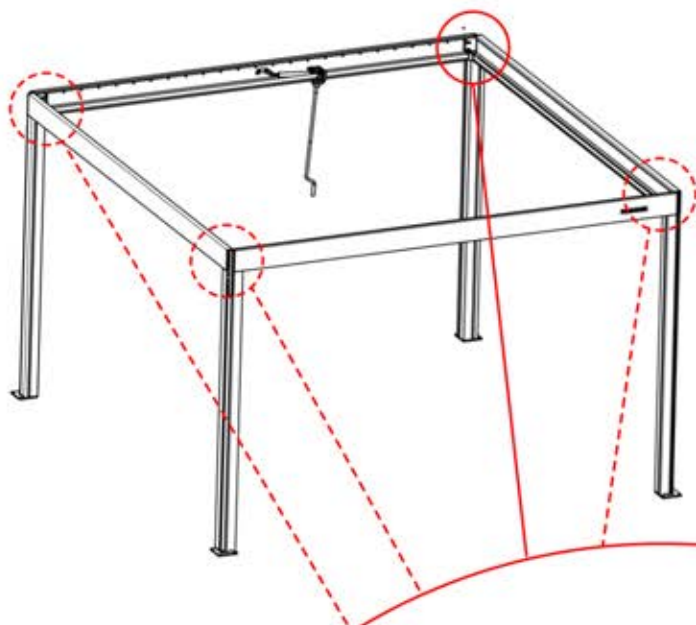
x7
PERGOLUX

4

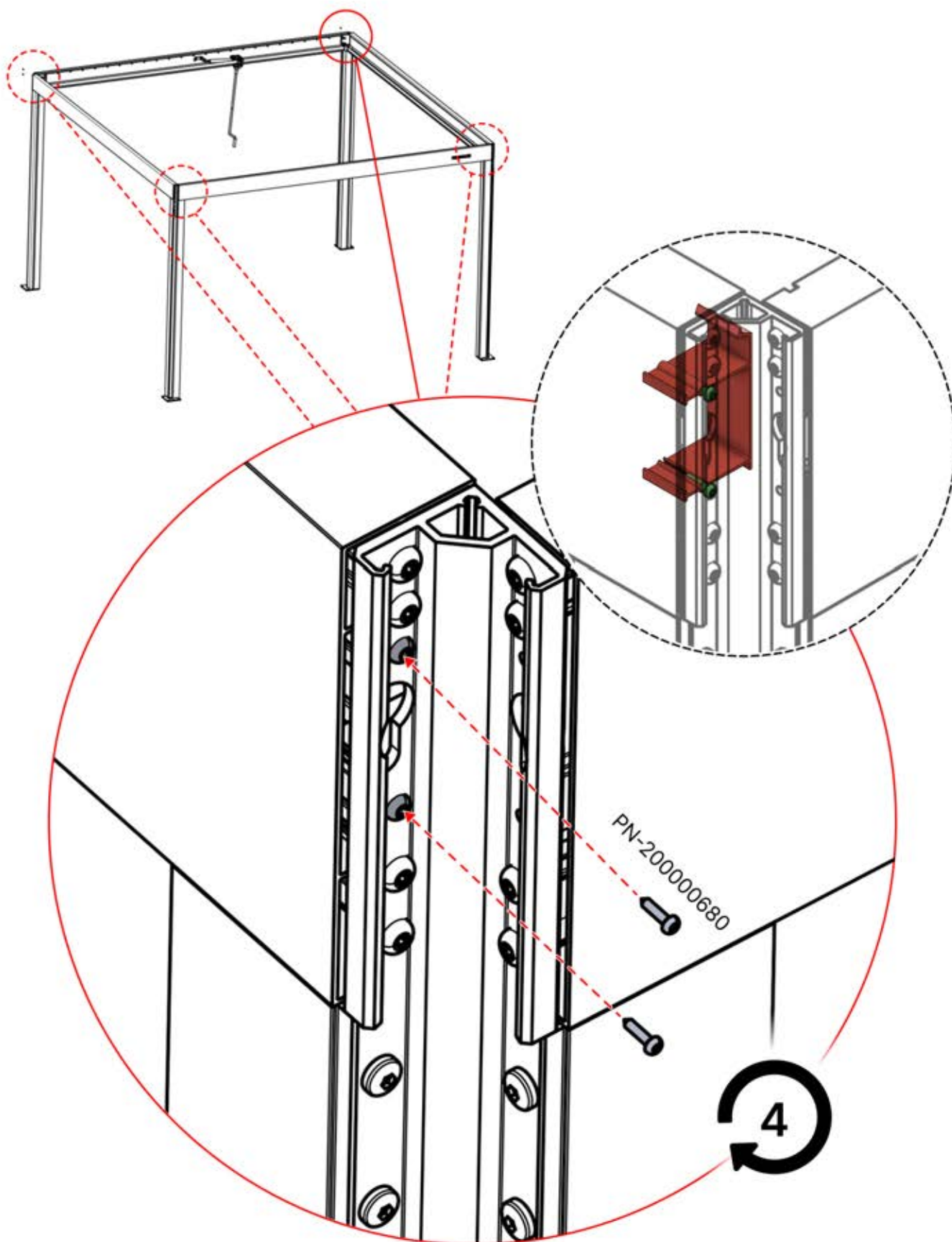
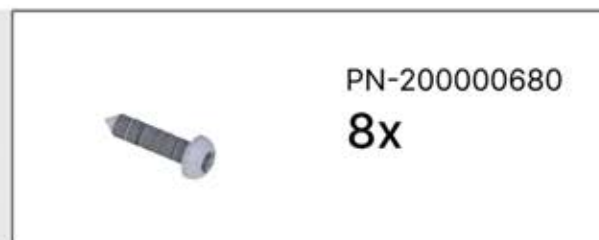
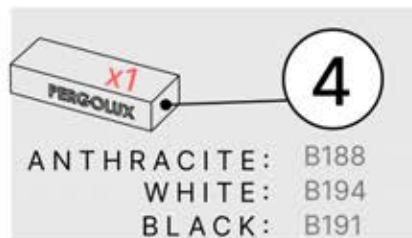
ANTHRACITE: B188
WHITE: B194
BLACK: B191



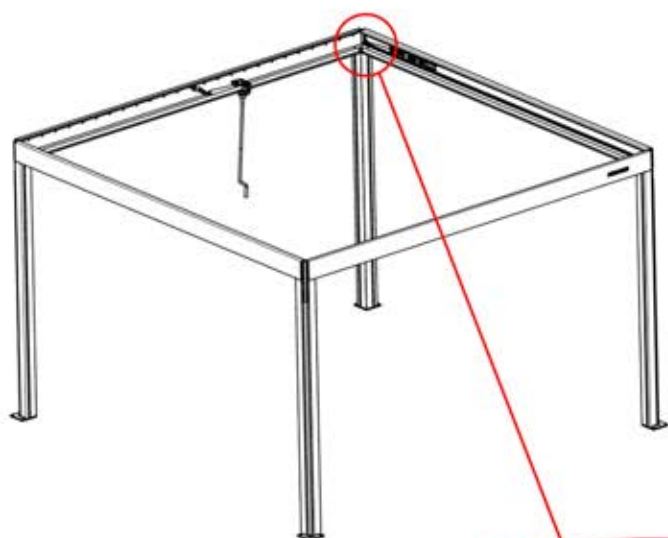
PN-200002622
4x



20



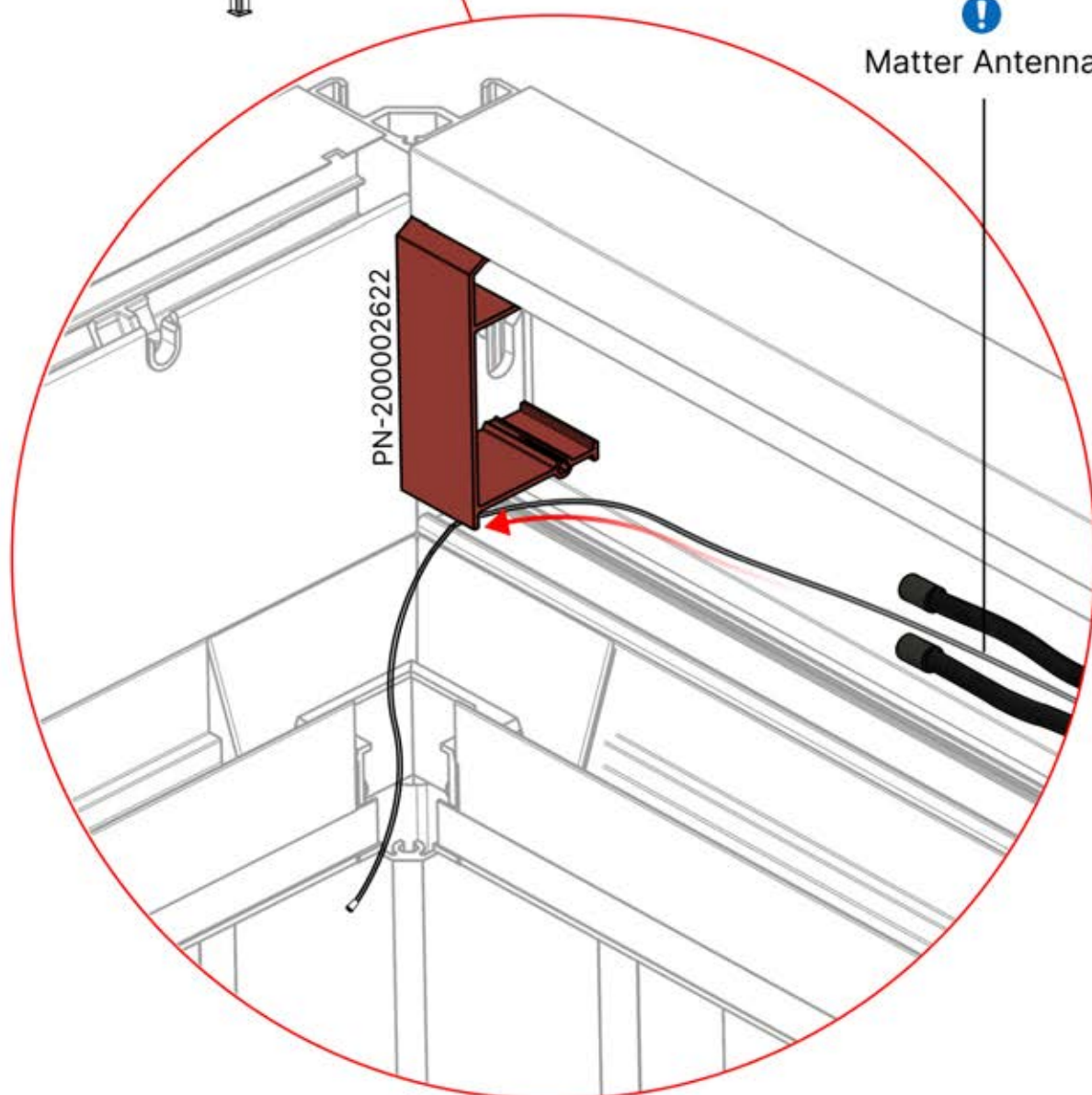
21



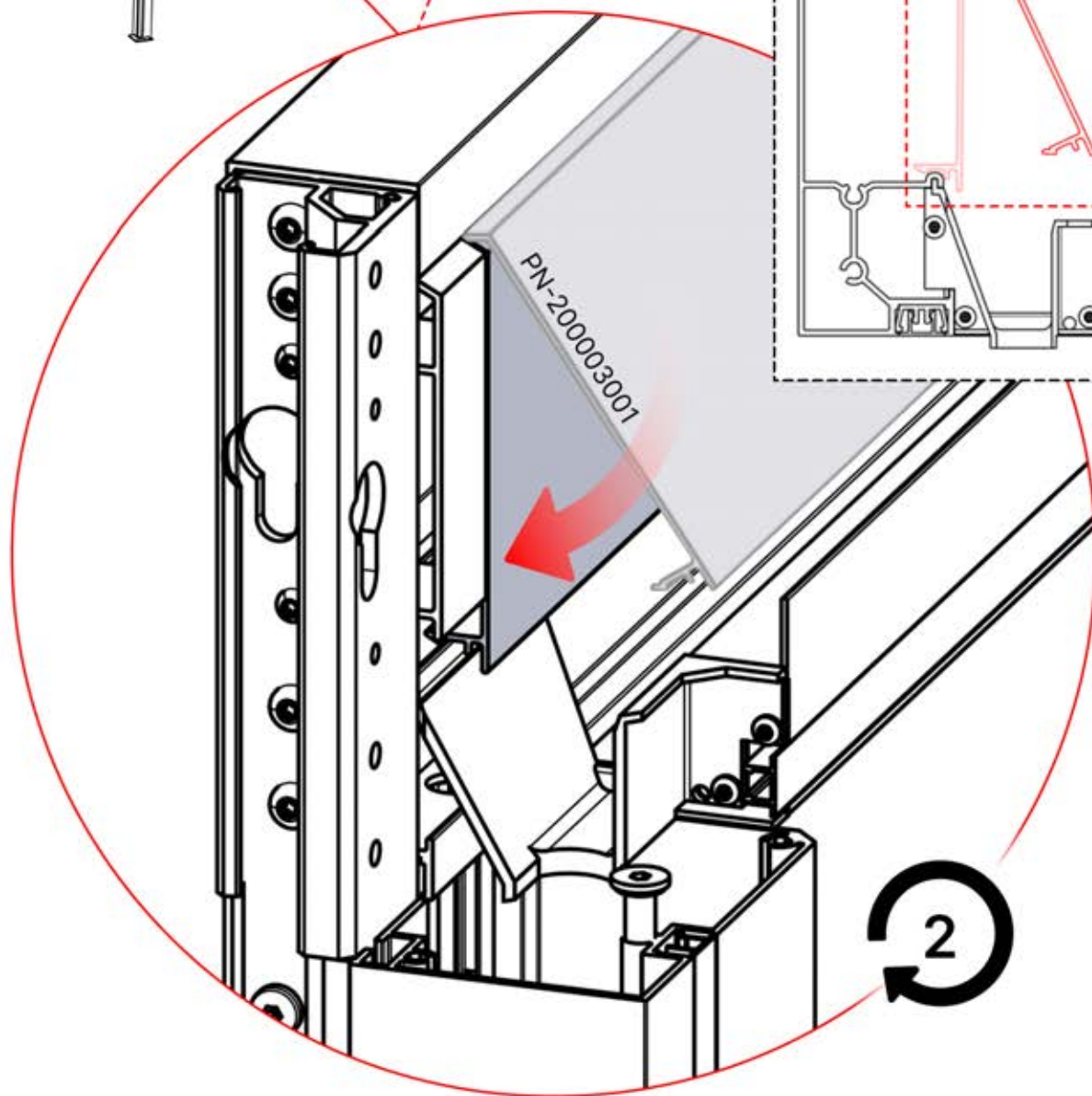
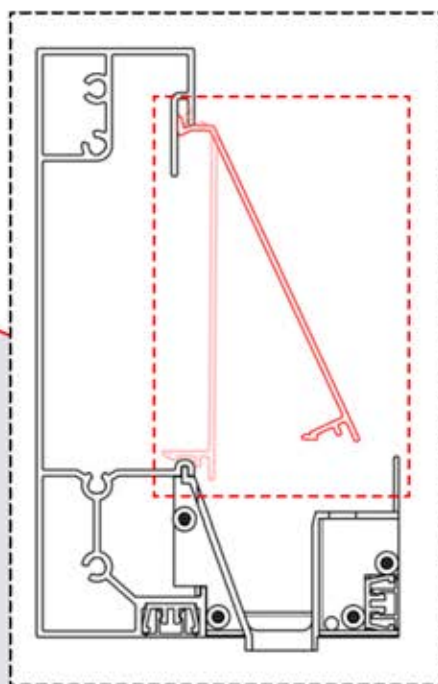
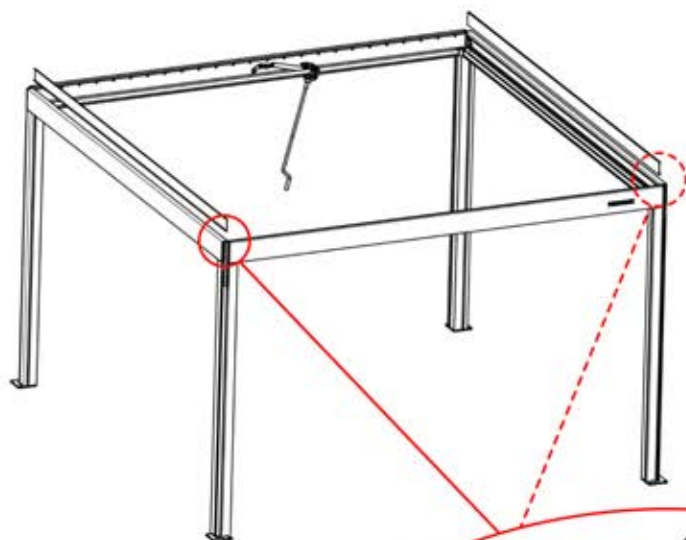
Route the Matter
Antenna and place it
below the highlighted
part(PN-200002622).



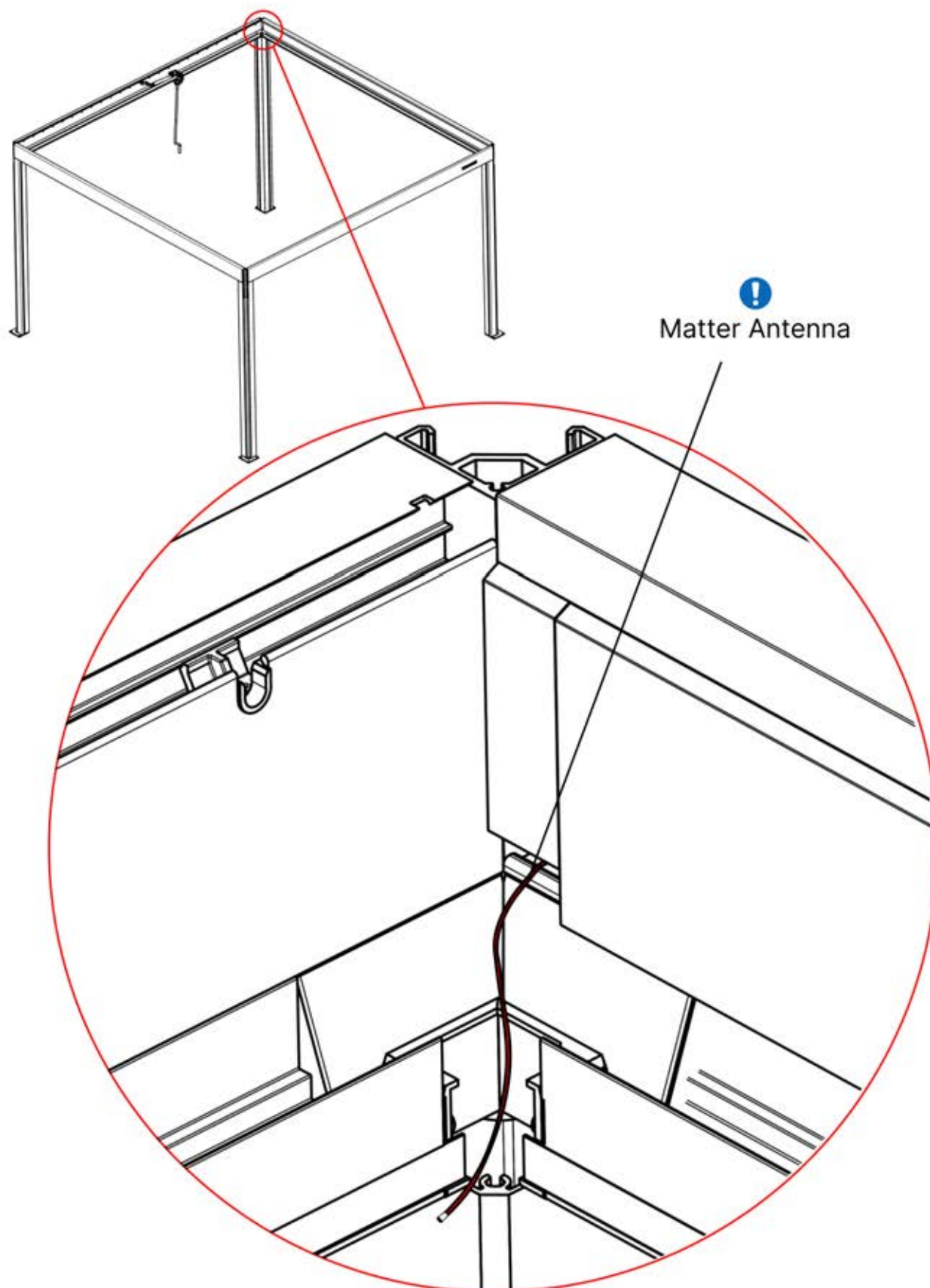
Matter Antenna



22



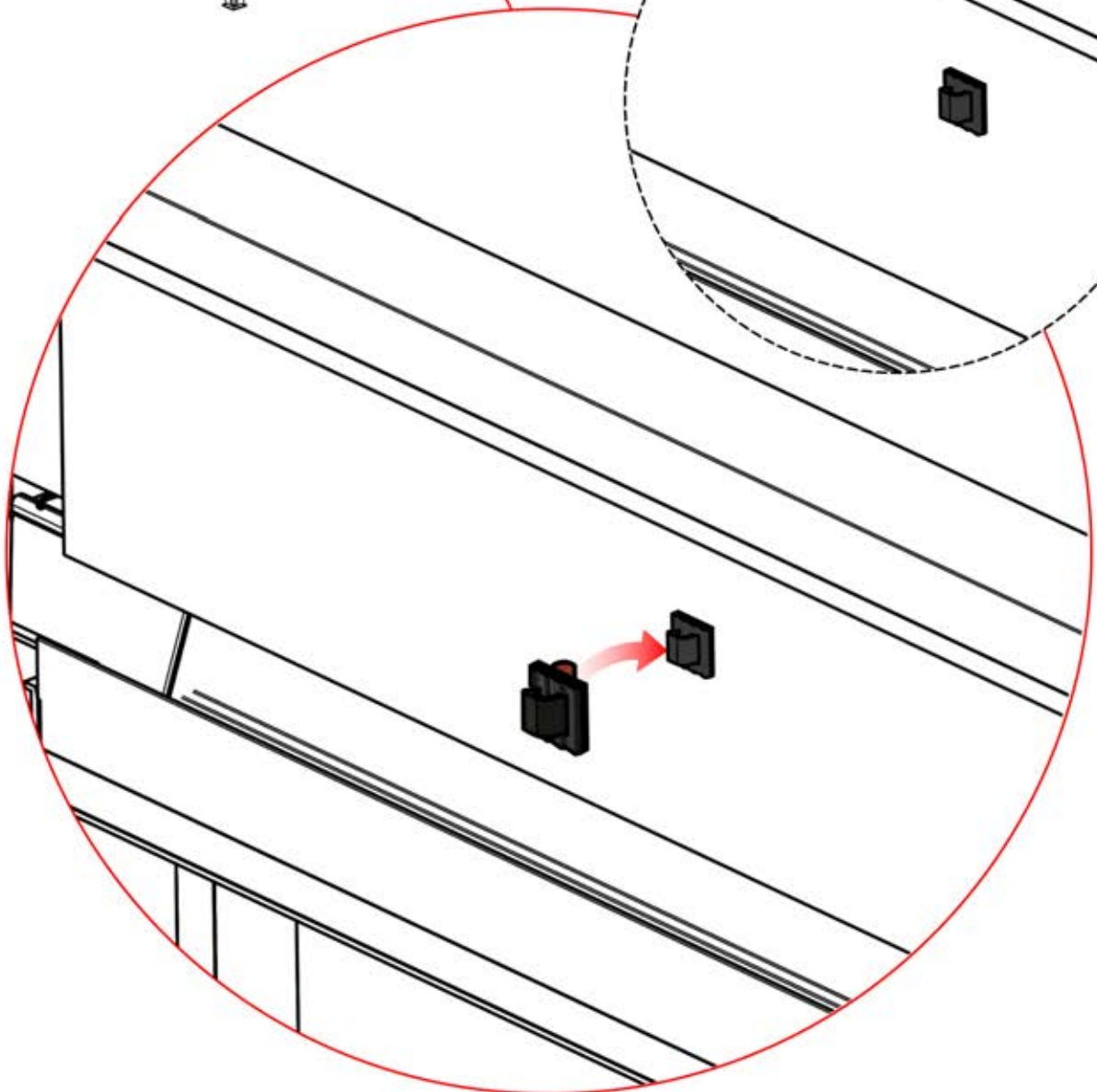
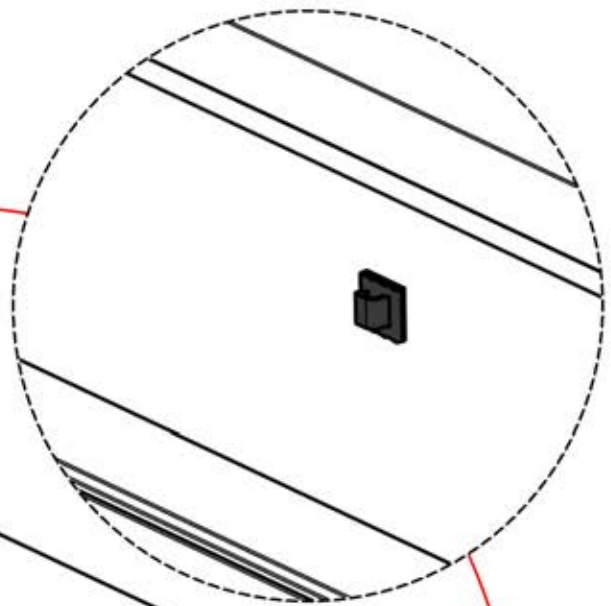
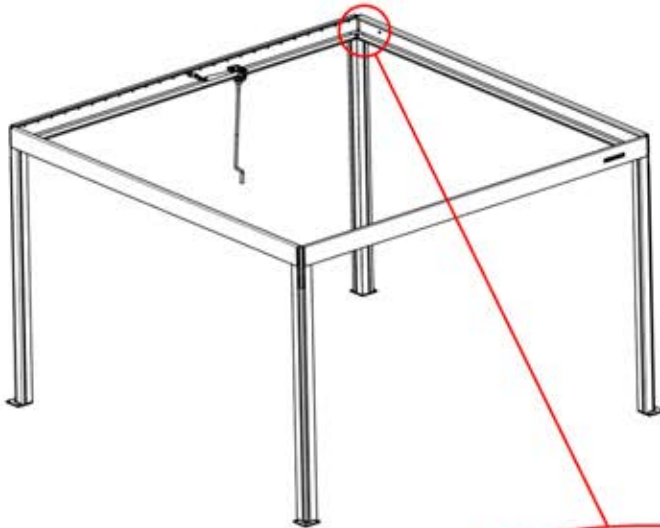
INFORMATION



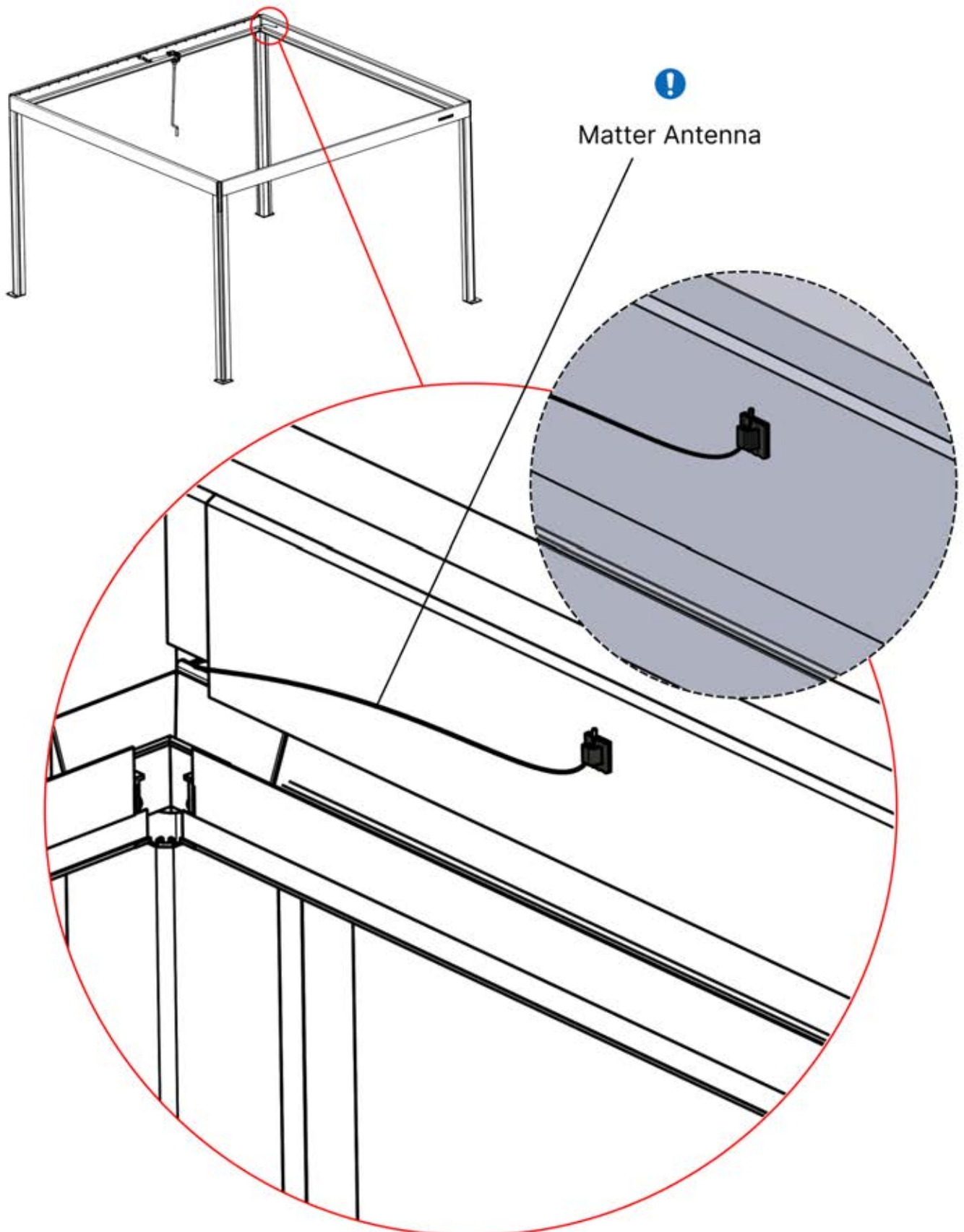
23



Matter Antenna Clip
1x



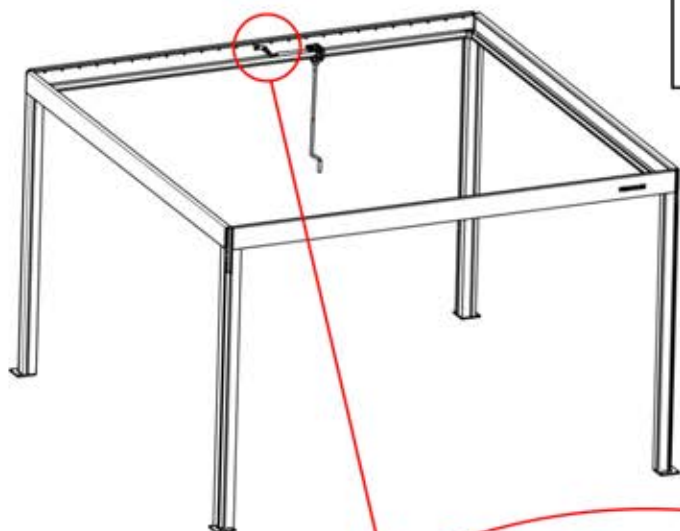
24



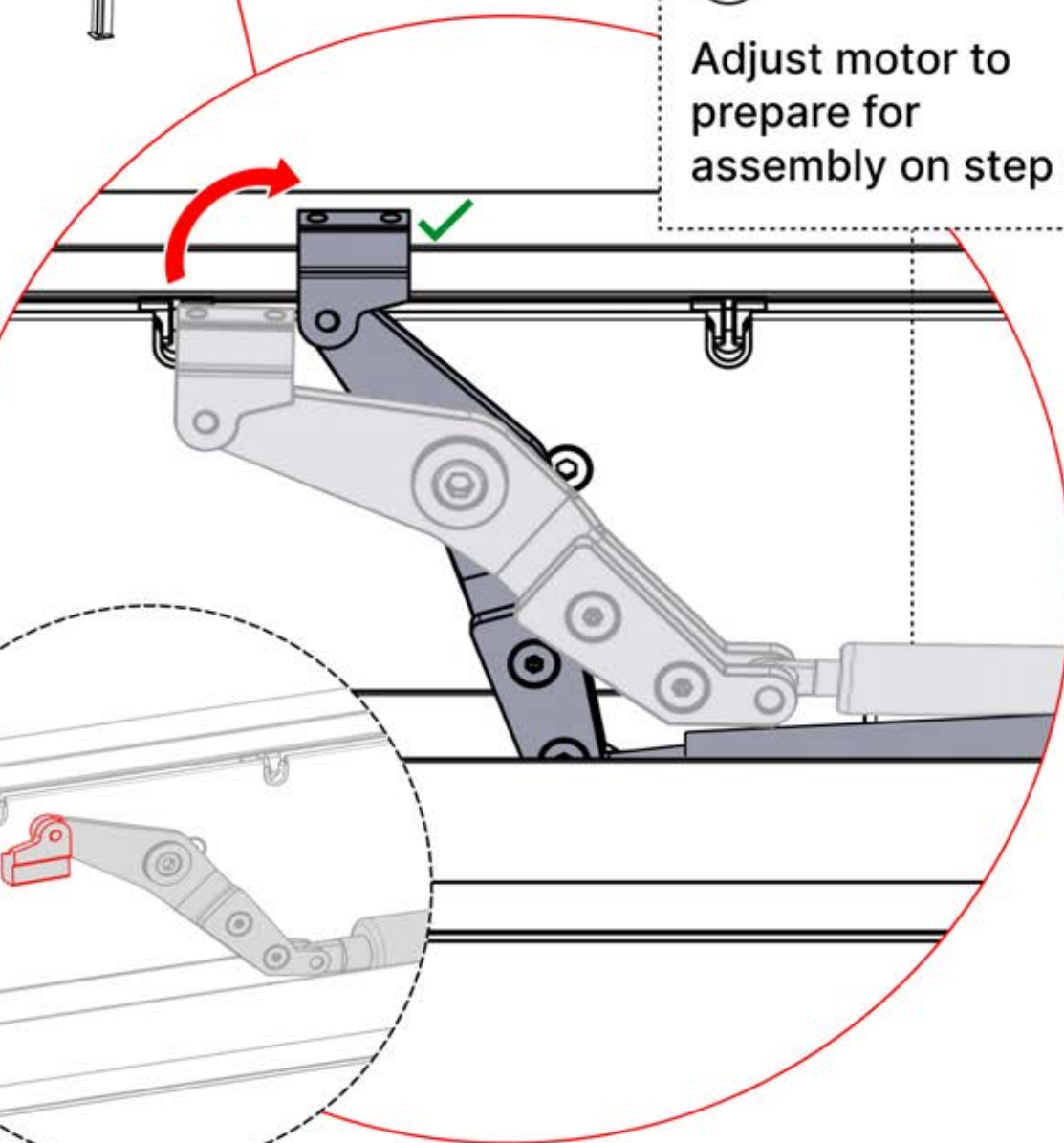
25



Hand Crank



Adjust motor to
prepare for
assembly on step 26



26



4

ANTHRACITE: B188

WHITE: B194

BLACK: B191



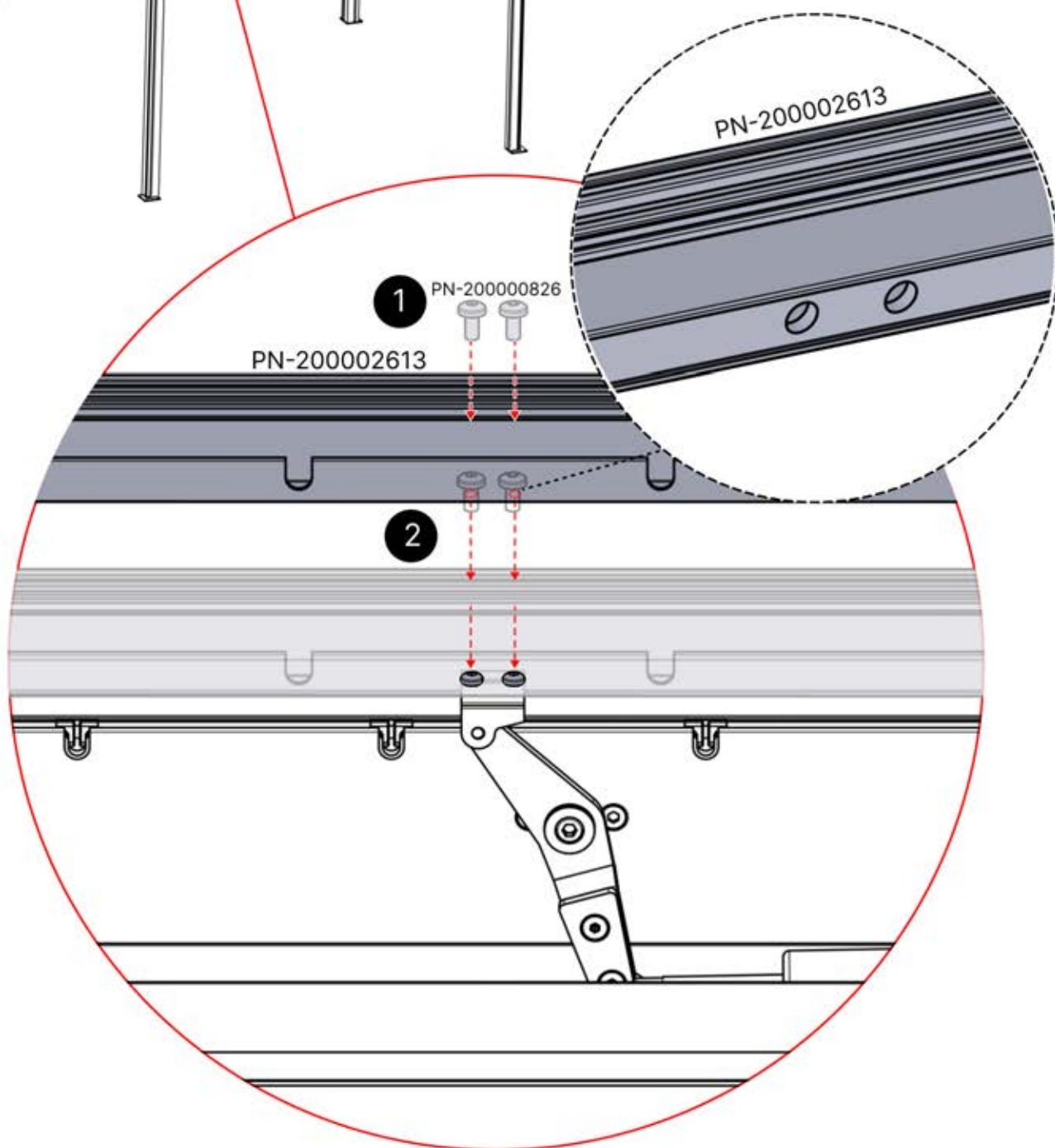
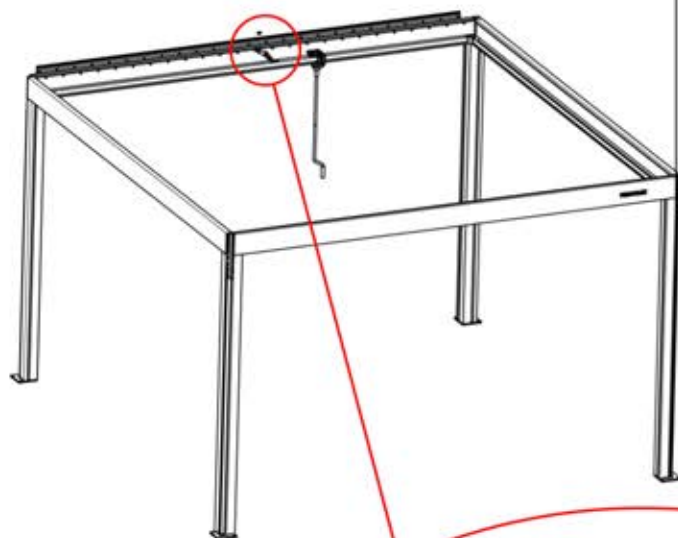

PN-200002613

1x

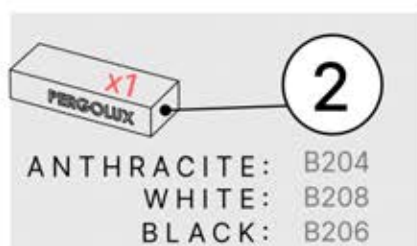
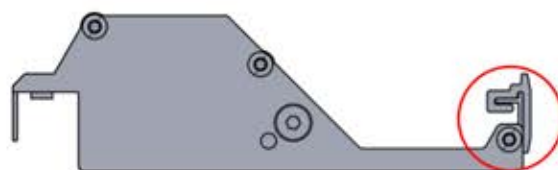
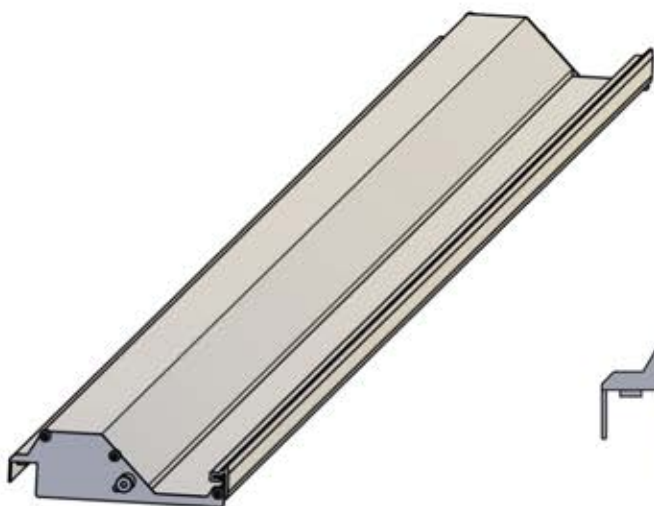


PN-200000826

2x



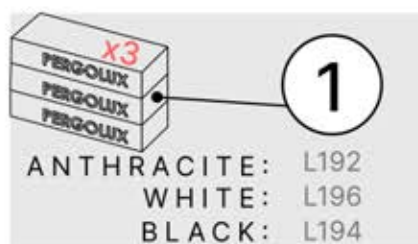
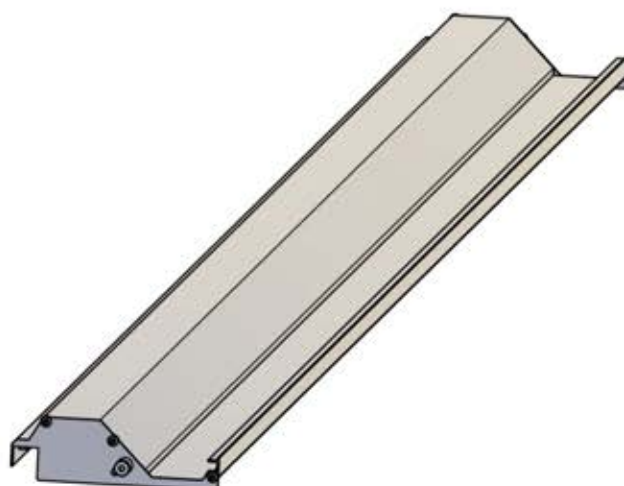
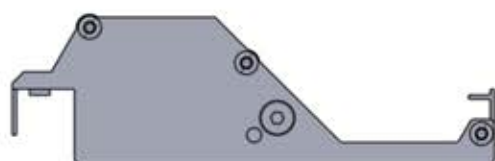
PERGOLA LOUVERS



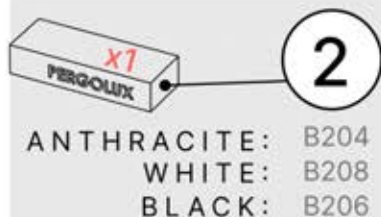
ANTHRACITE: B204
WHITE: B208
BLACK: B206

P.PERGOLA 4M FS END LOUVER
PN-200003003

1x



ANTHRACITE: L192
WHITE: L196
BLACK: L194



ANTHRACITE: B204
WHITE: B208
BLACK: B206

P.PERGOLA 4M FS LOUVER
PN-200003004

24x

27

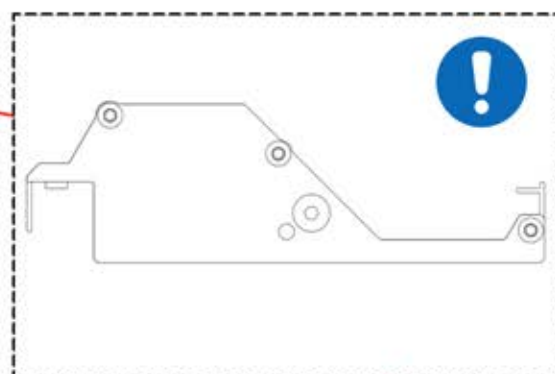
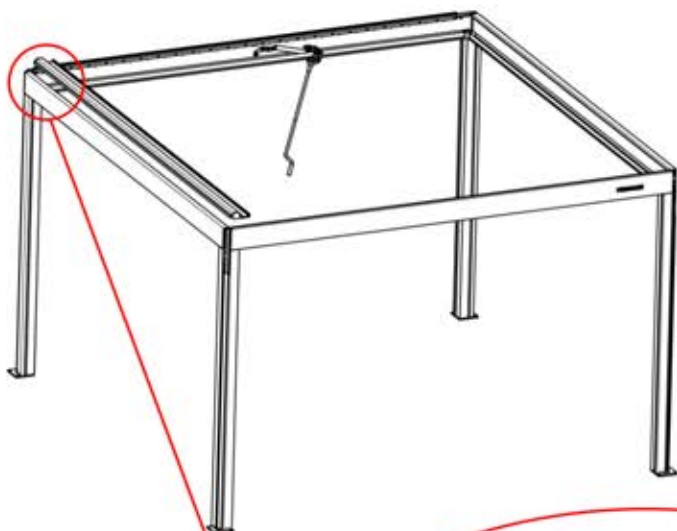


1

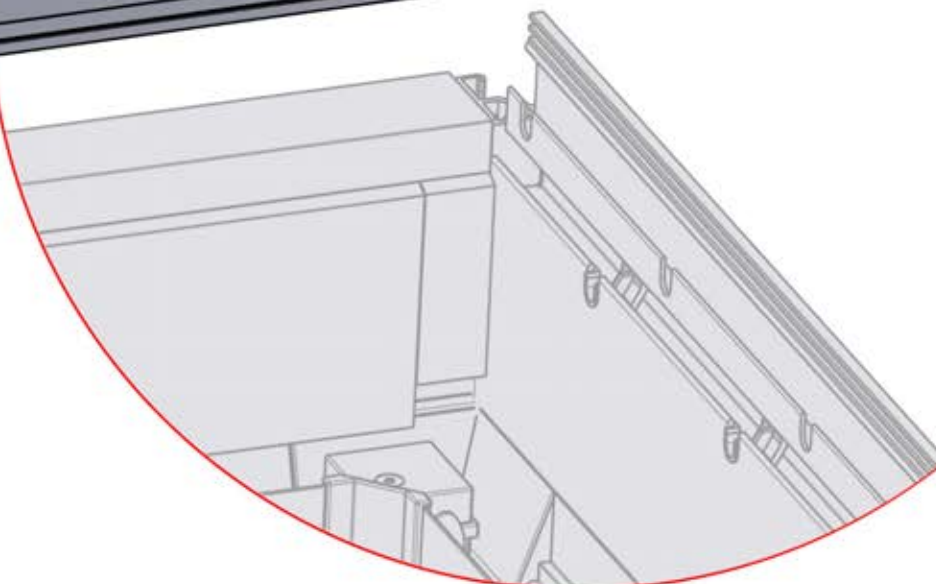
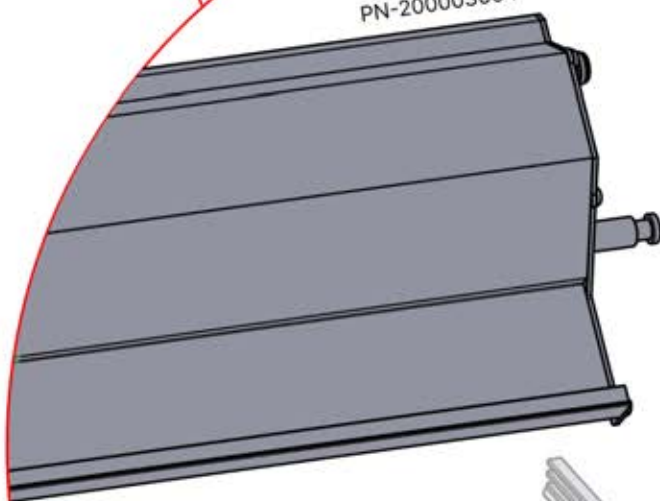
ANTHRACITE: L192
WHITE: L196
BLACK: L194



PN-200003004
1x



PN-200003004

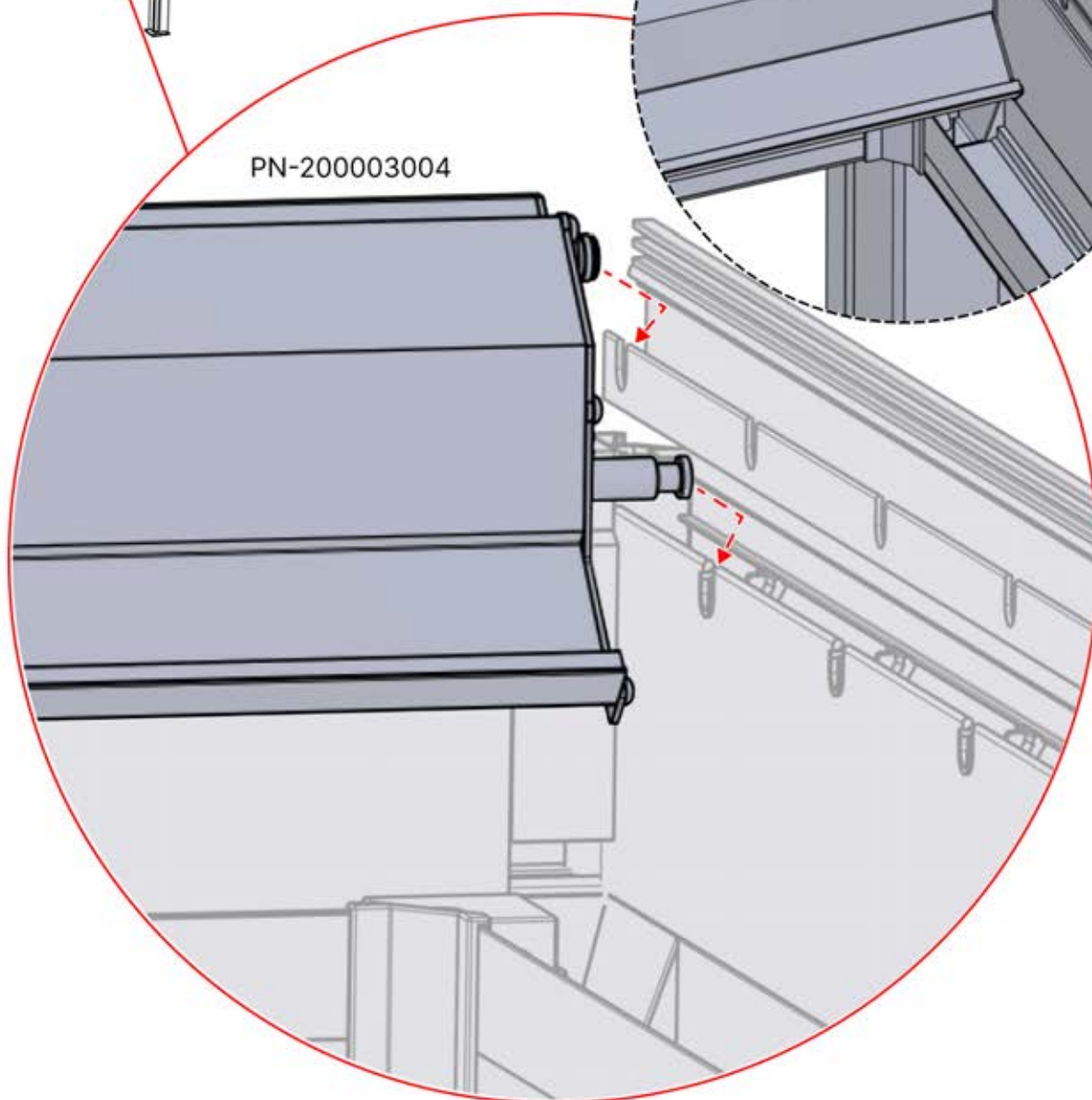
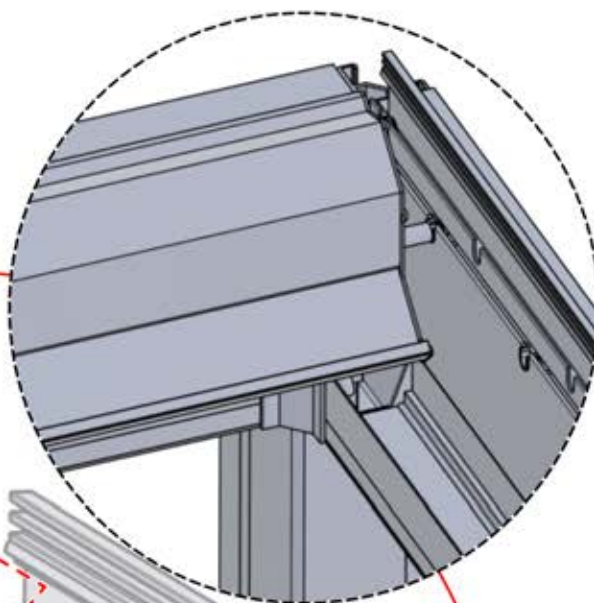
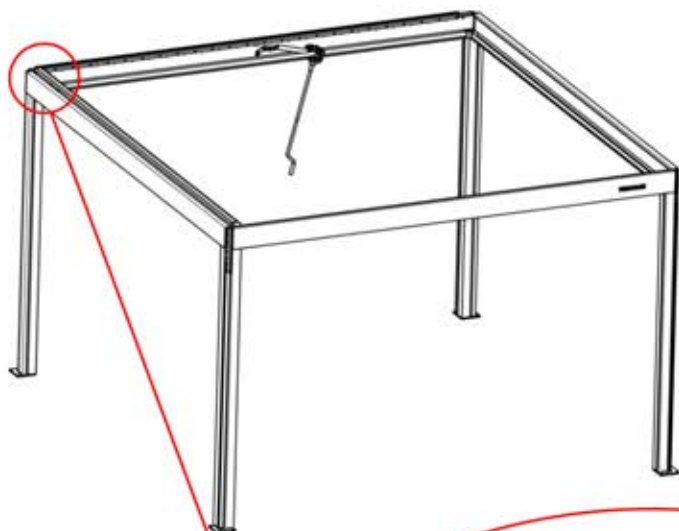


28



1

ANTHRACITE: L192
WHITE: L196
BLACK: L194

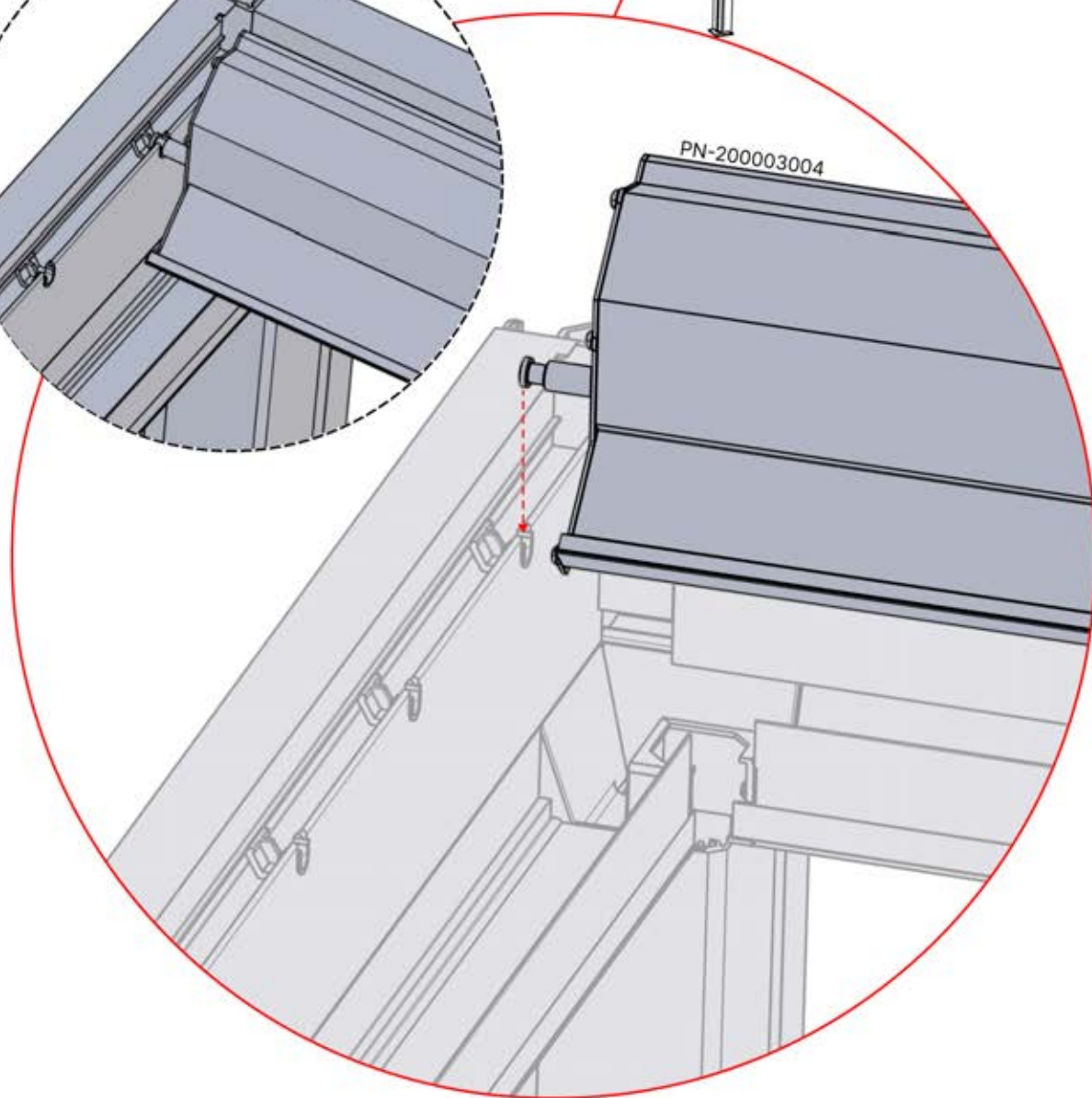
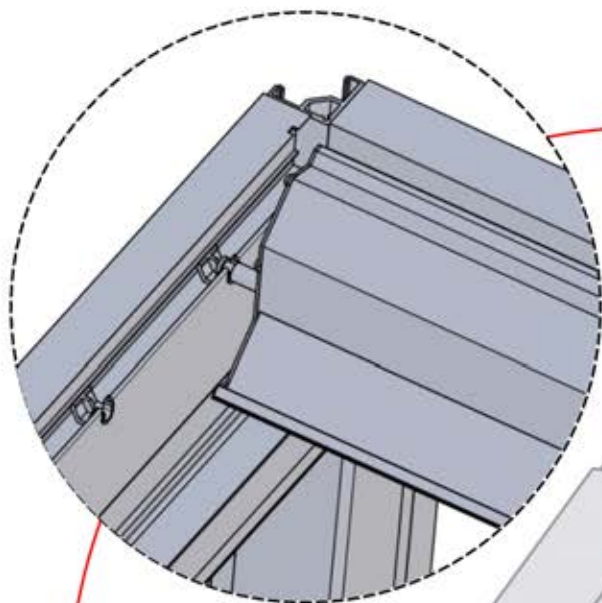
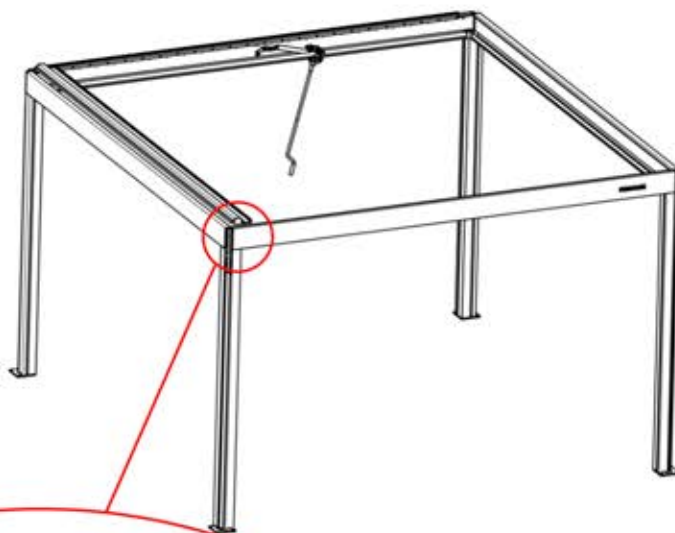


29



1

ANTHRACITE: L192
WHITE: L196
BLACK: L194



30



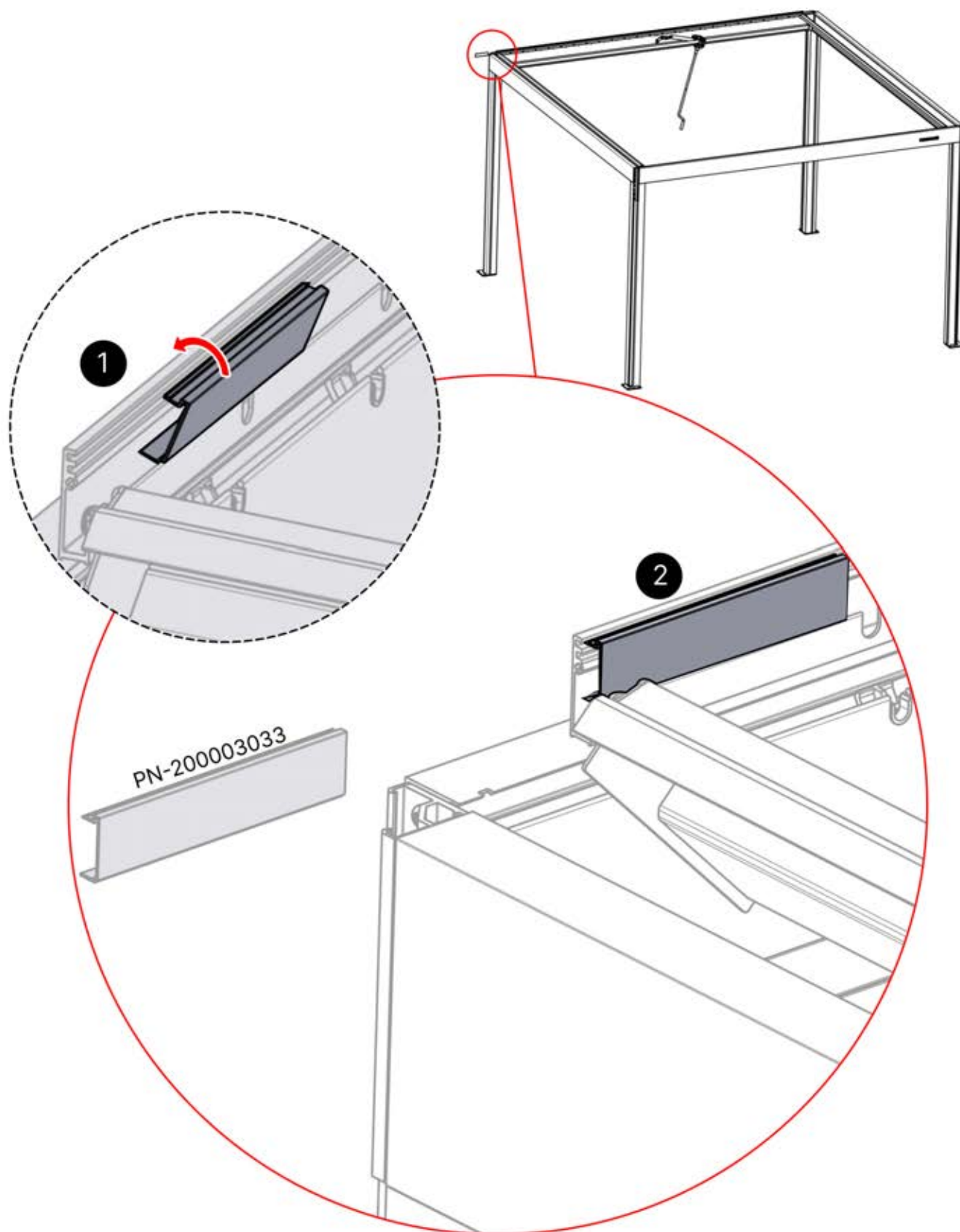
x1

4

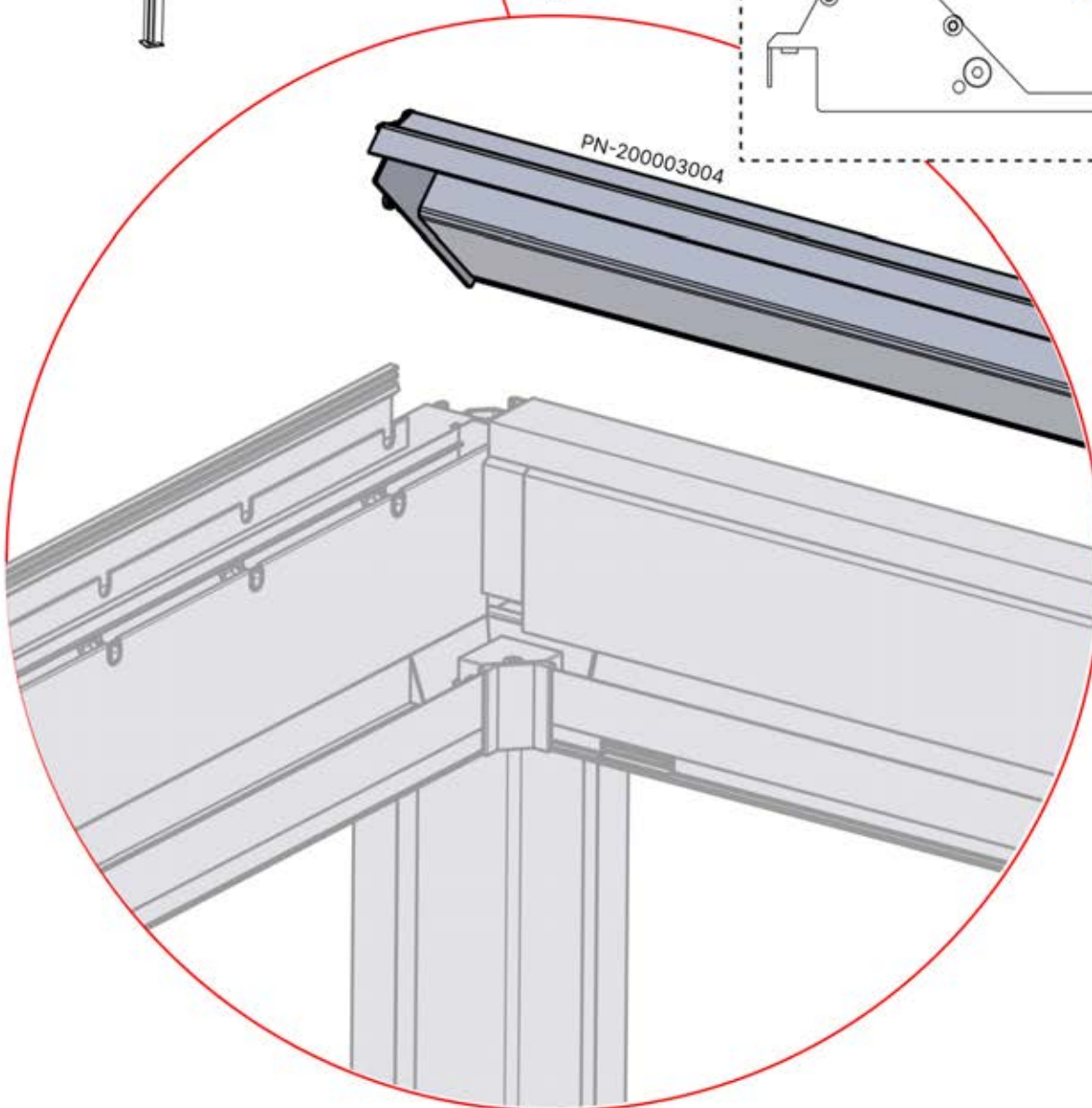
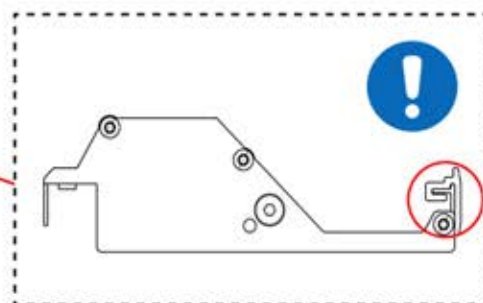
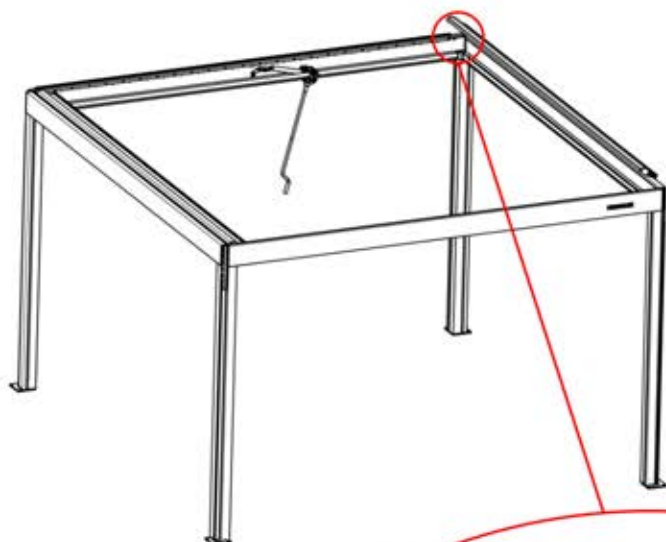
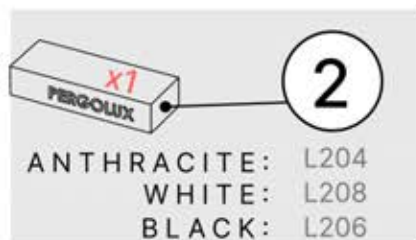
ANTHRACITE: B188
WHITE: B194
BLACK: B191



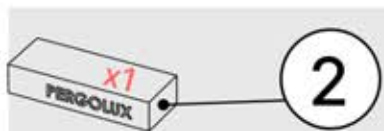
PN-200003033
1x



31



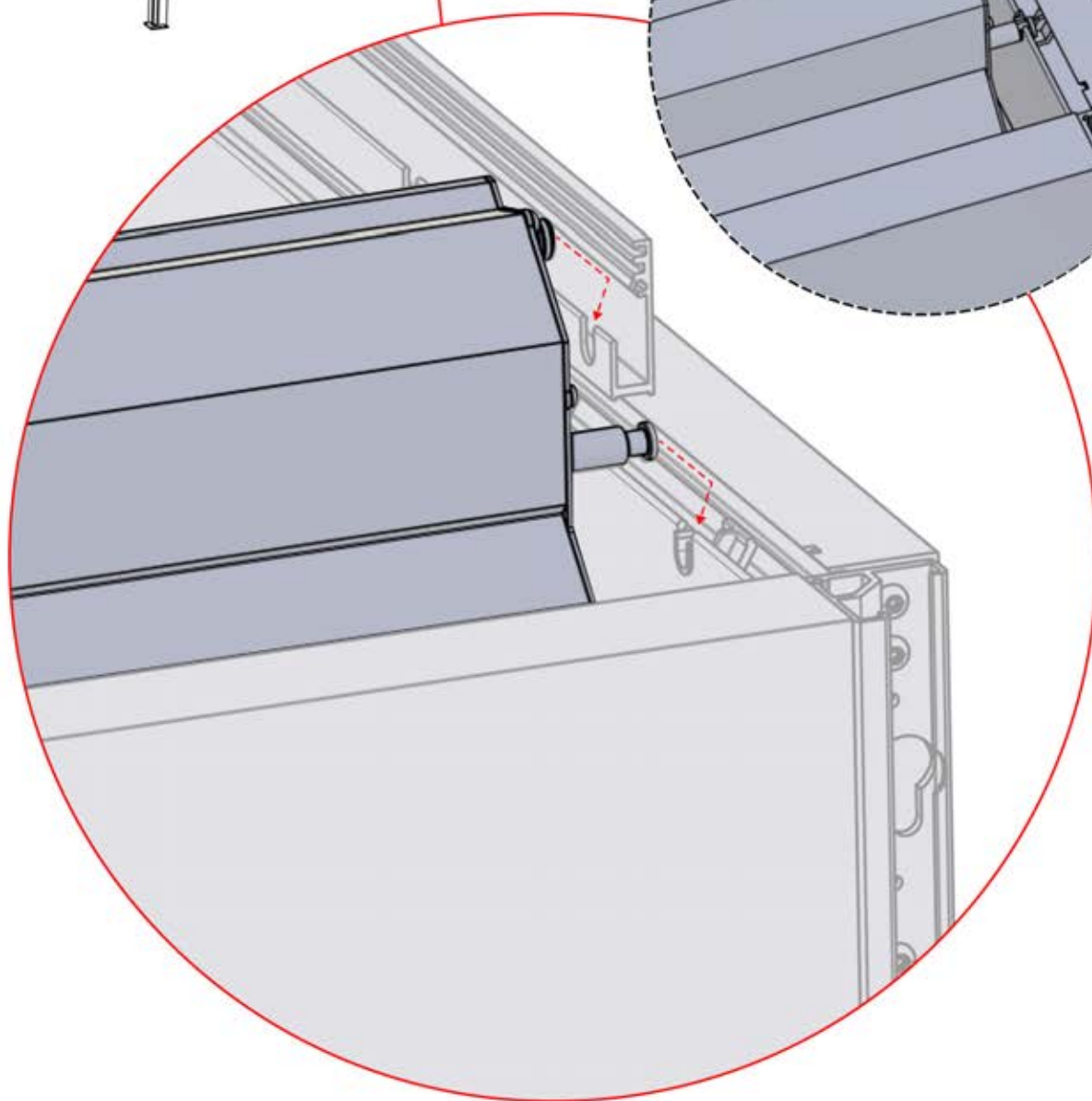
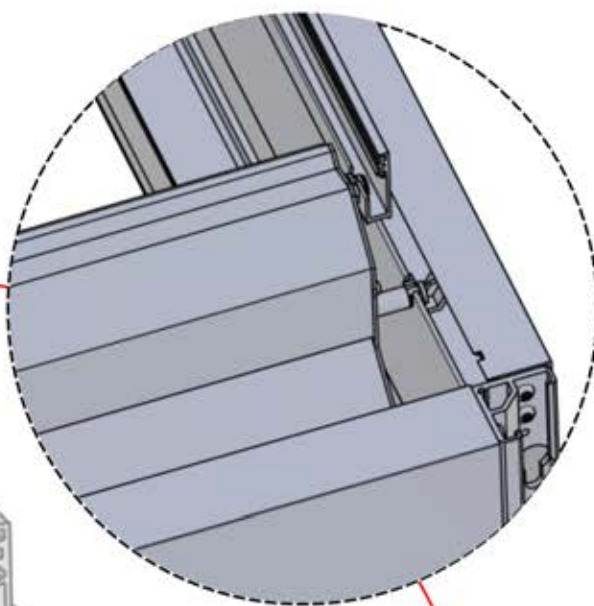
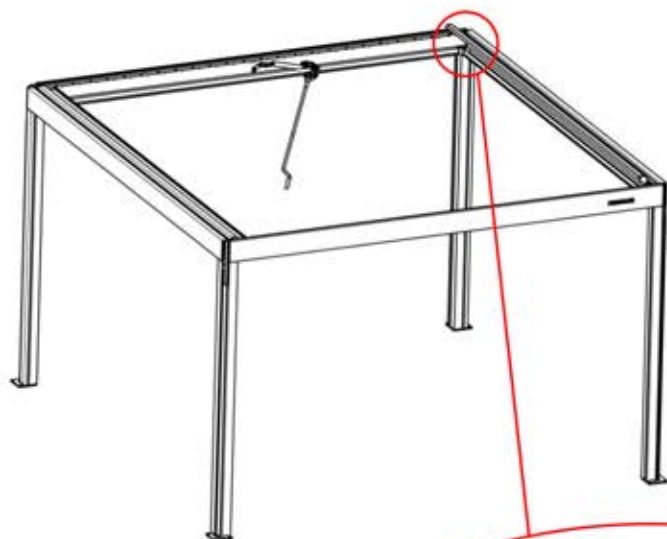
32



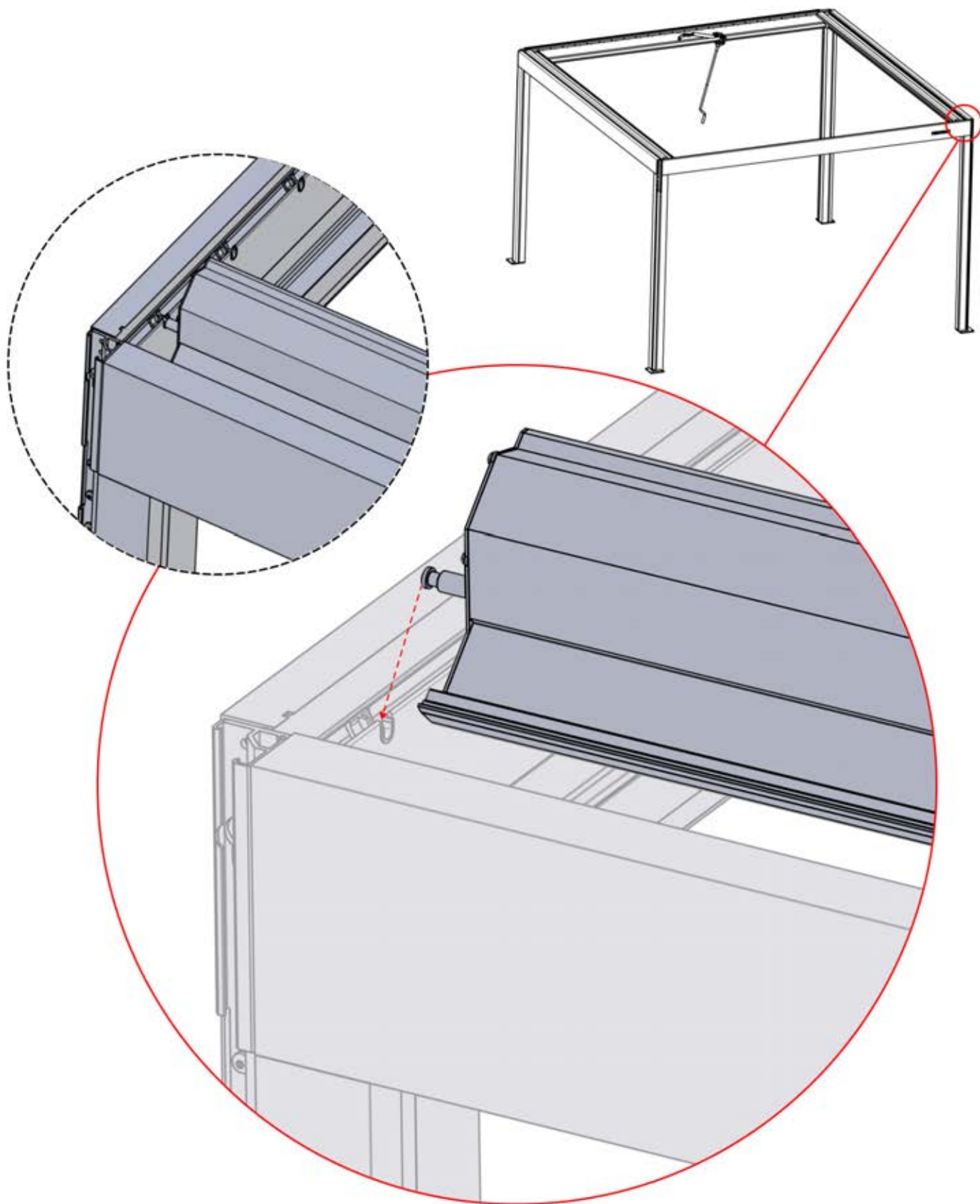
ANTHRACITE: L204
WHITE: L208
BLACK: L206



PN-200003003
1x



33



34



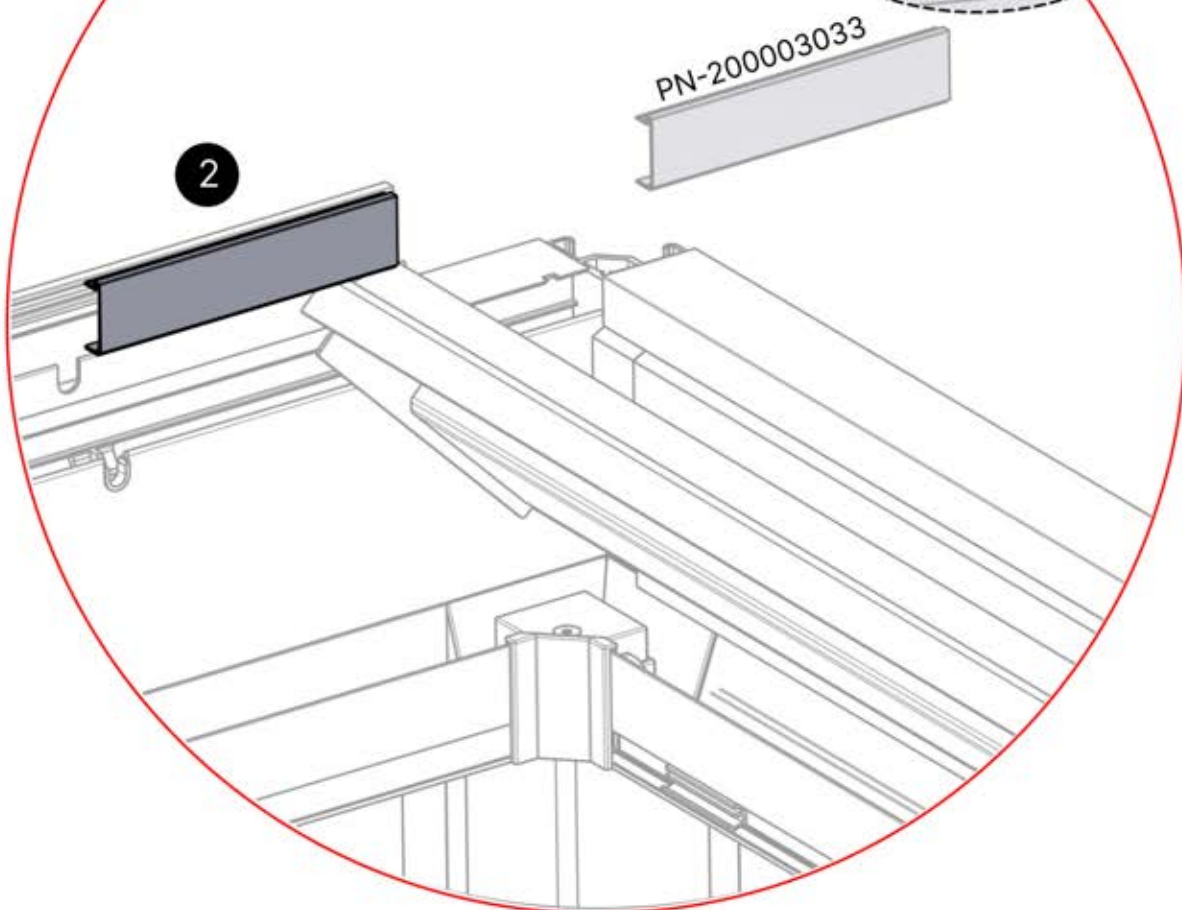
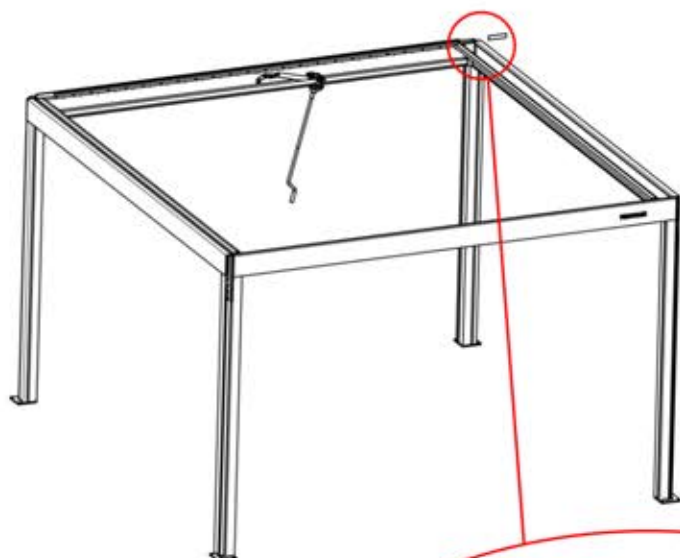
x7

4

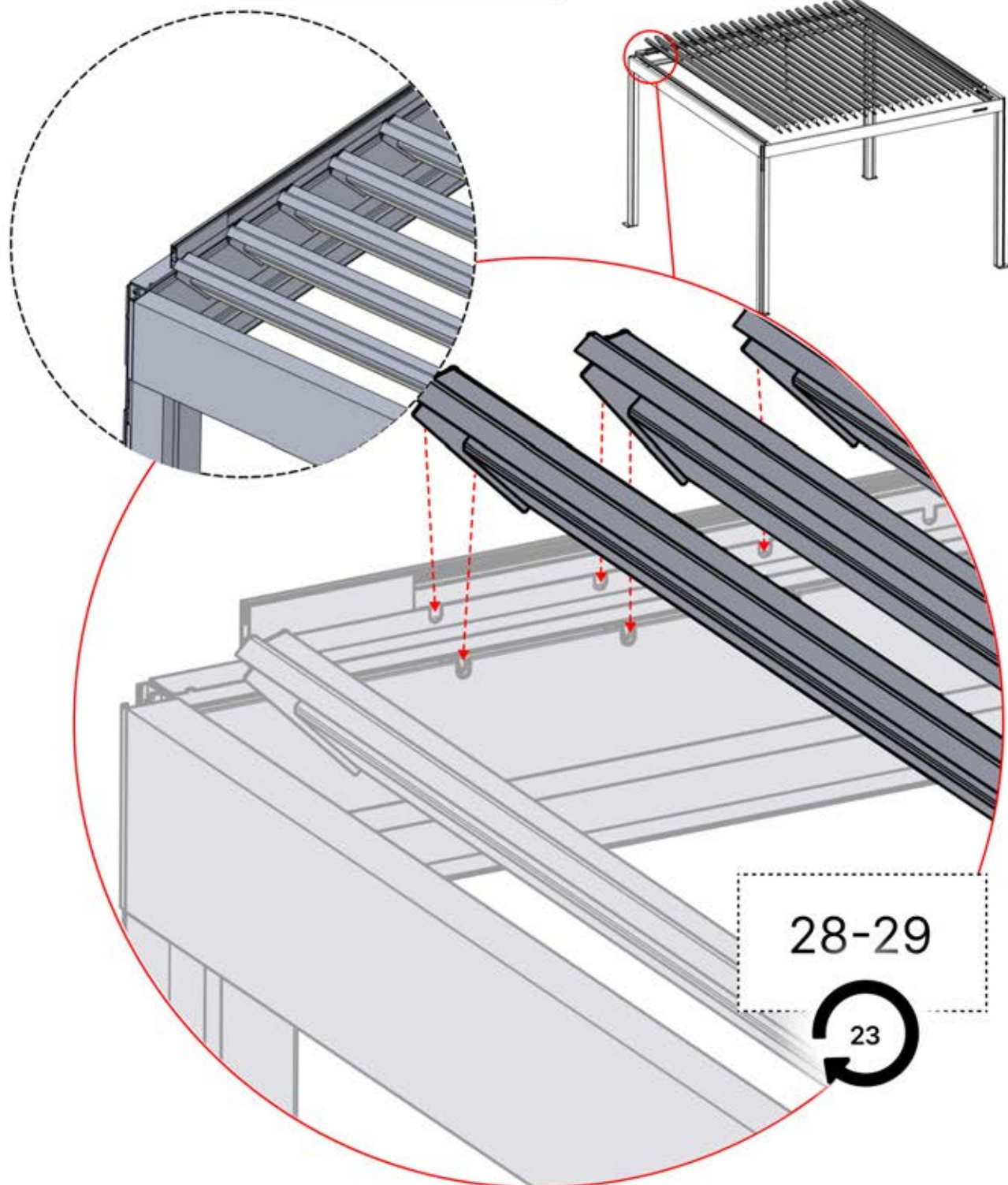
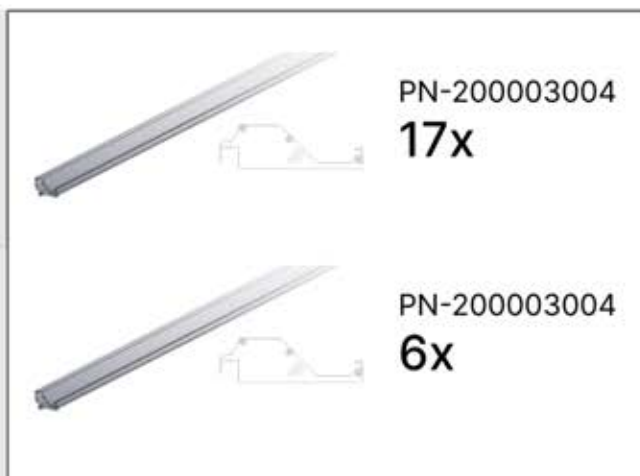
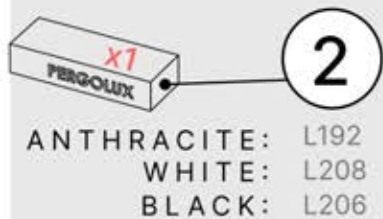
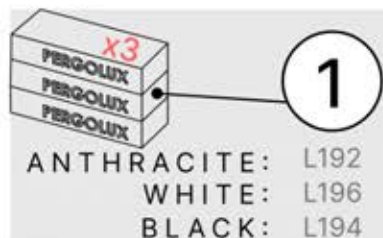
PN-200003033

1x

ANTHRACITE: B188
WHITE: B194
BLACK: B191



35



36

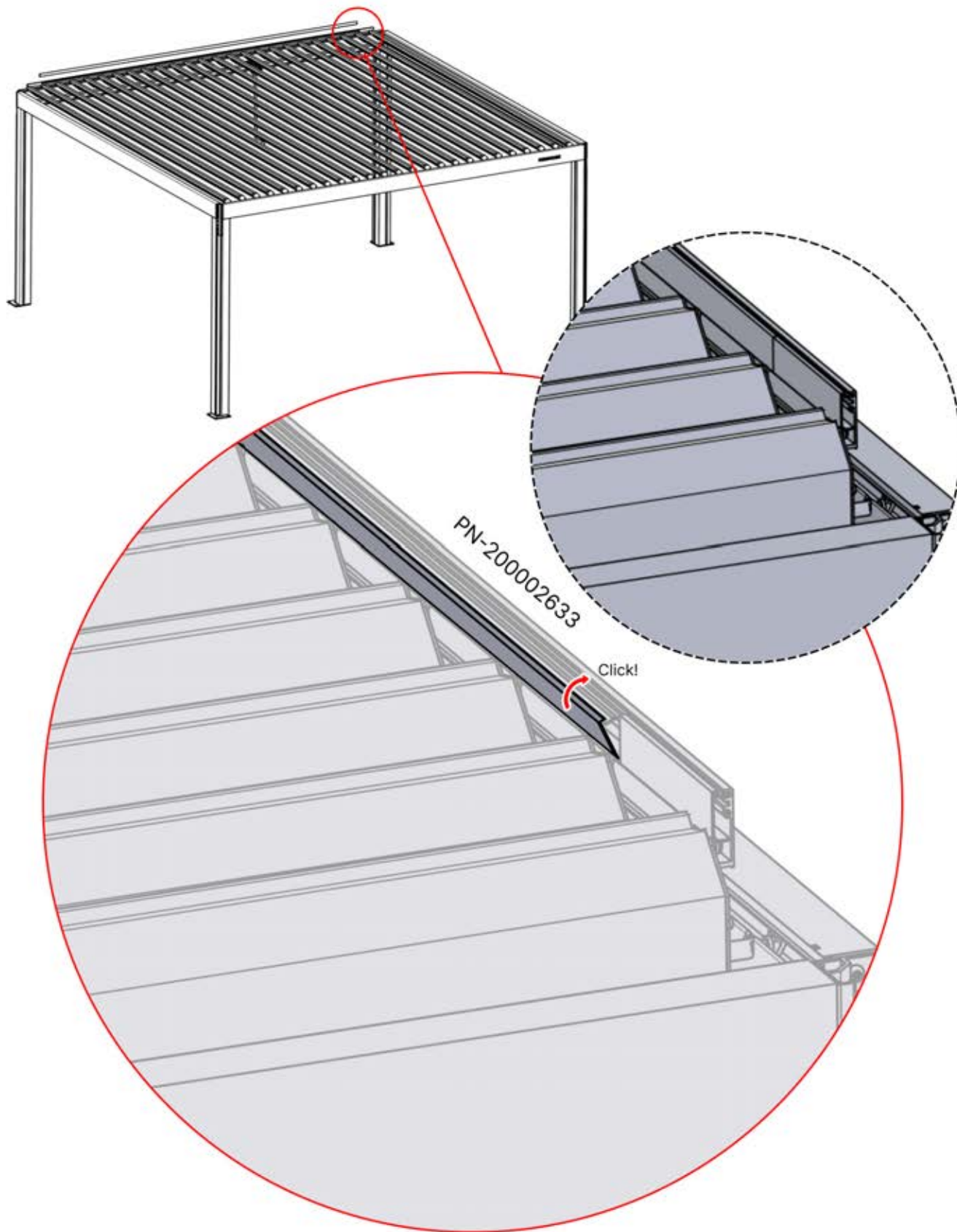


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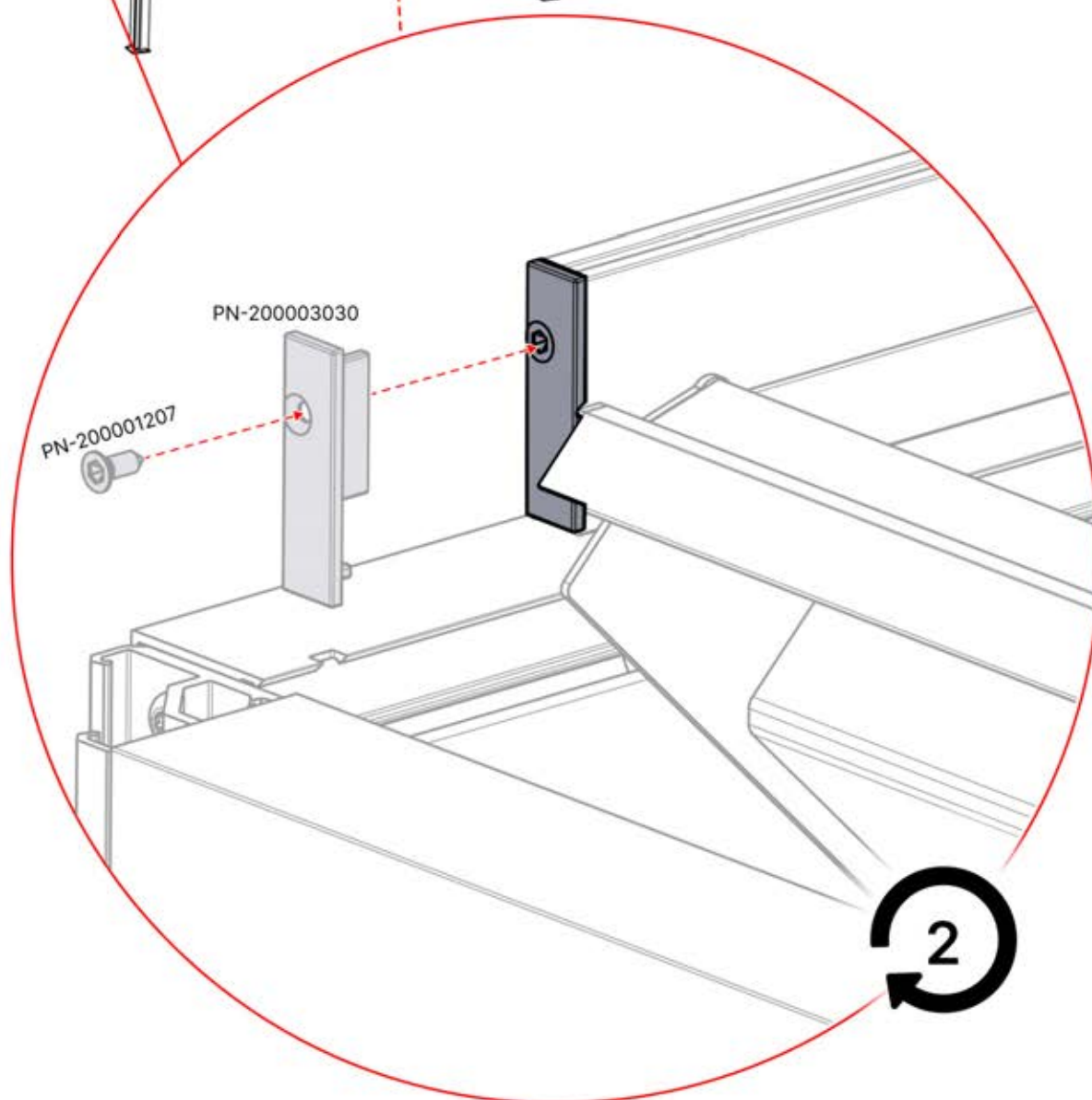
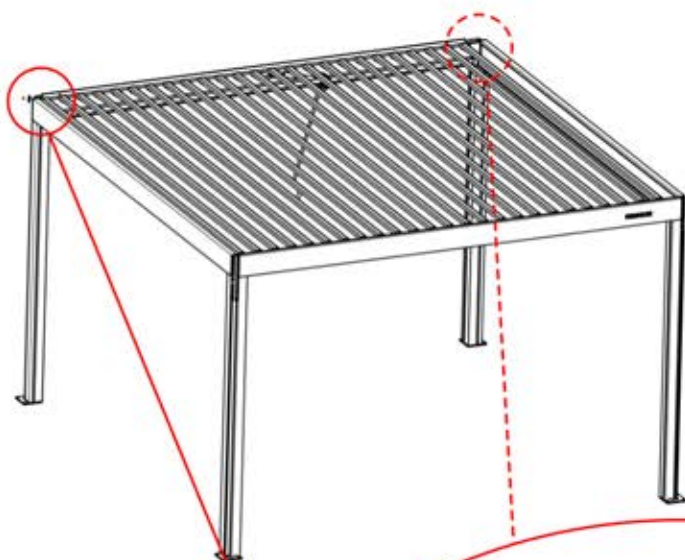
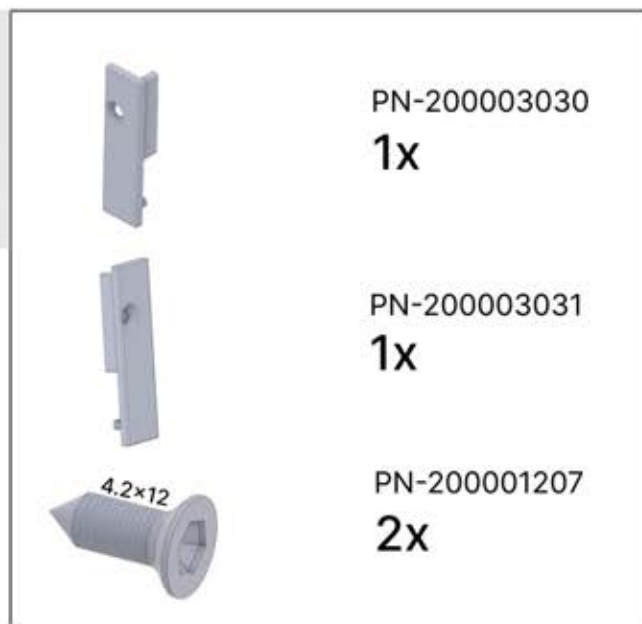
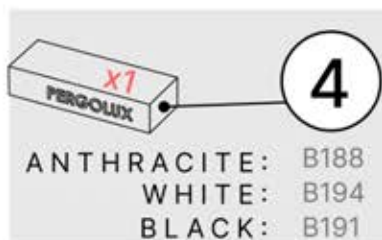
ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200002633
1x



37



38



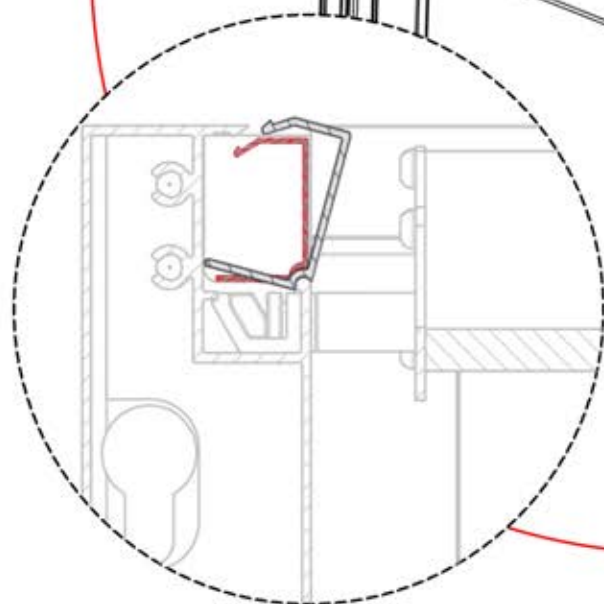
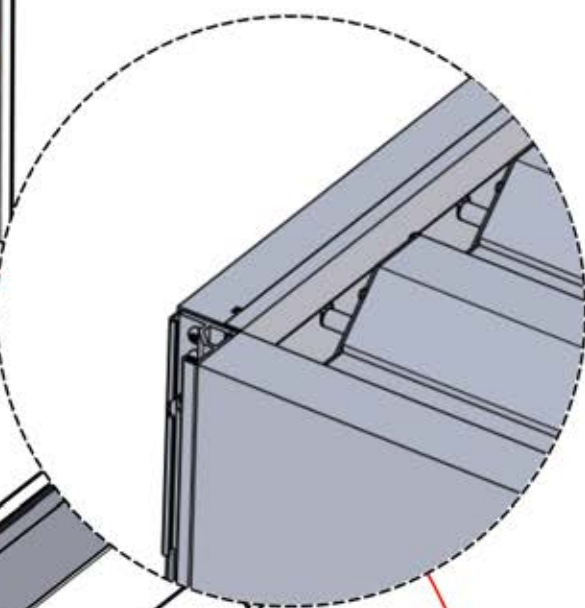
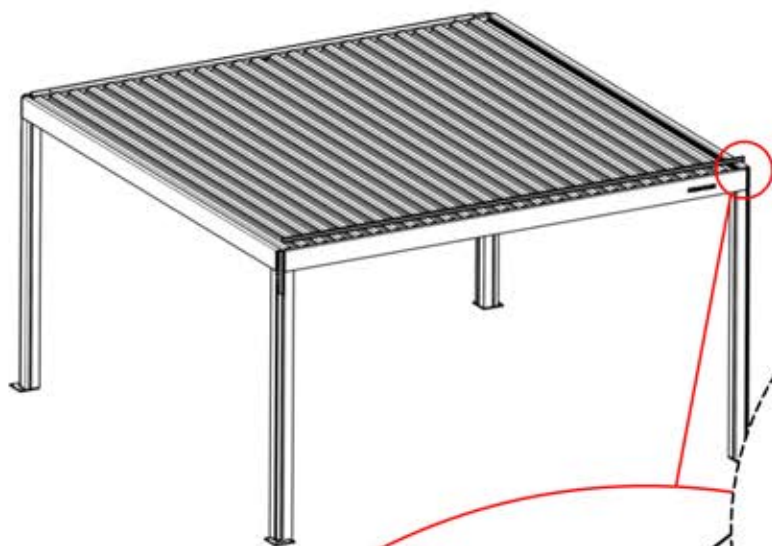
4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200002609

1x



39



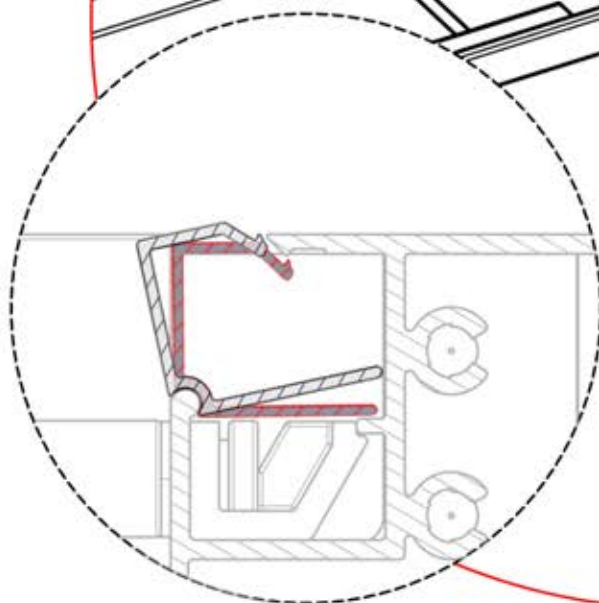
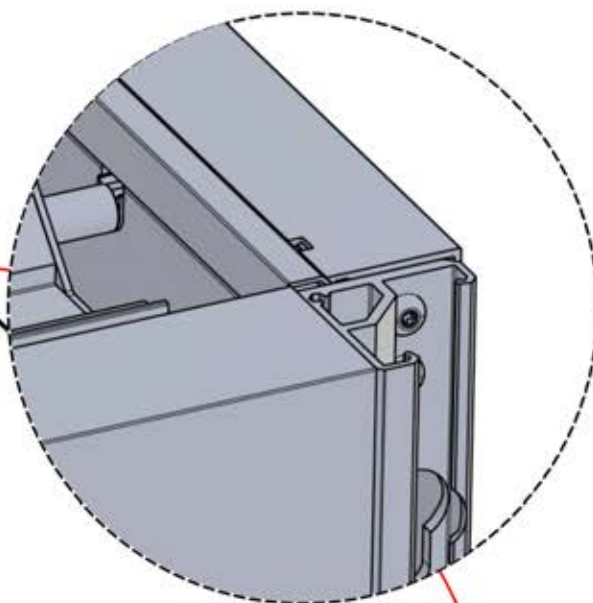
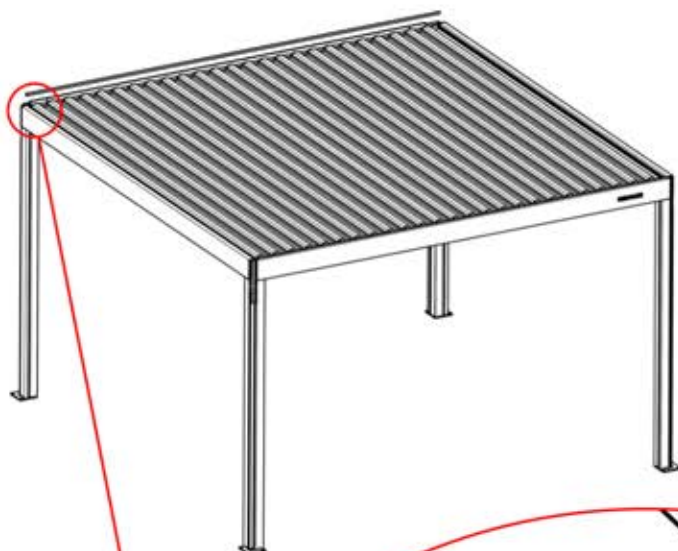
4

ANTHRACITE: B188
WHITE: B194
BLACK: B191

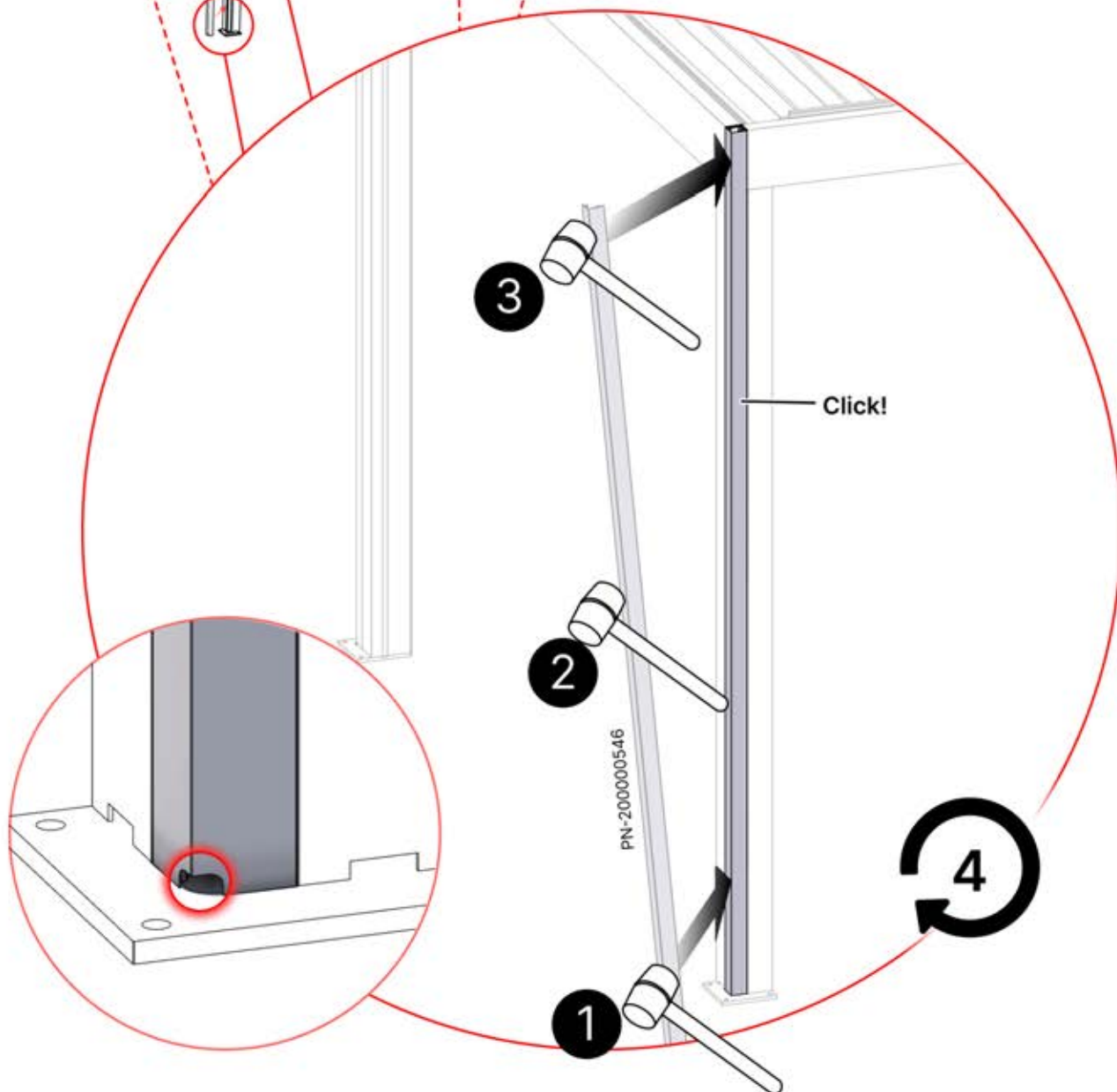
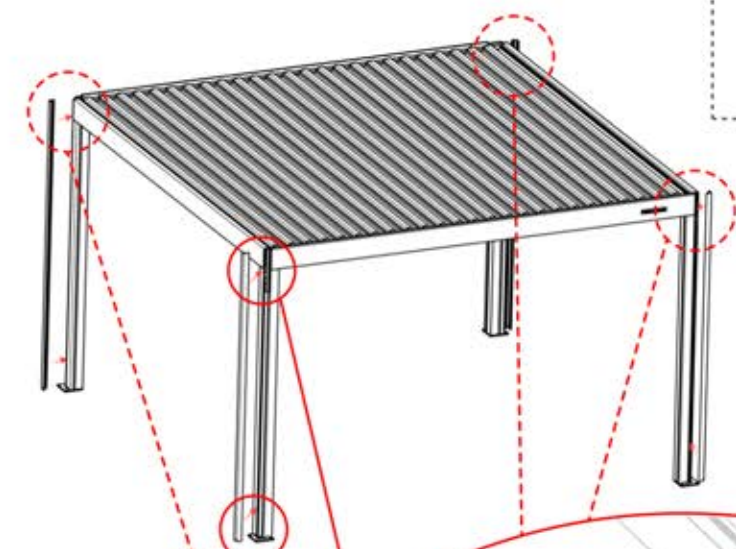
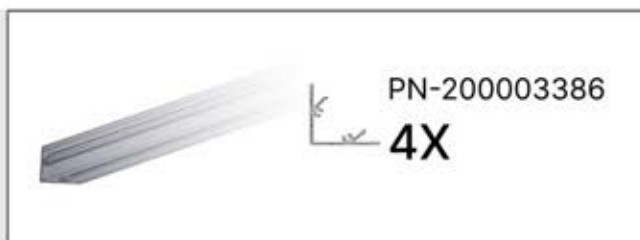
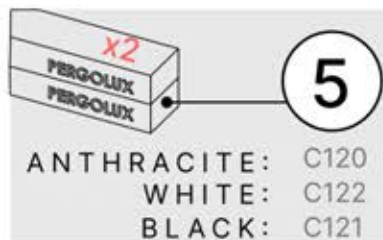


PN-200002623

1x



40



41

x1
PERGOLUX

4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



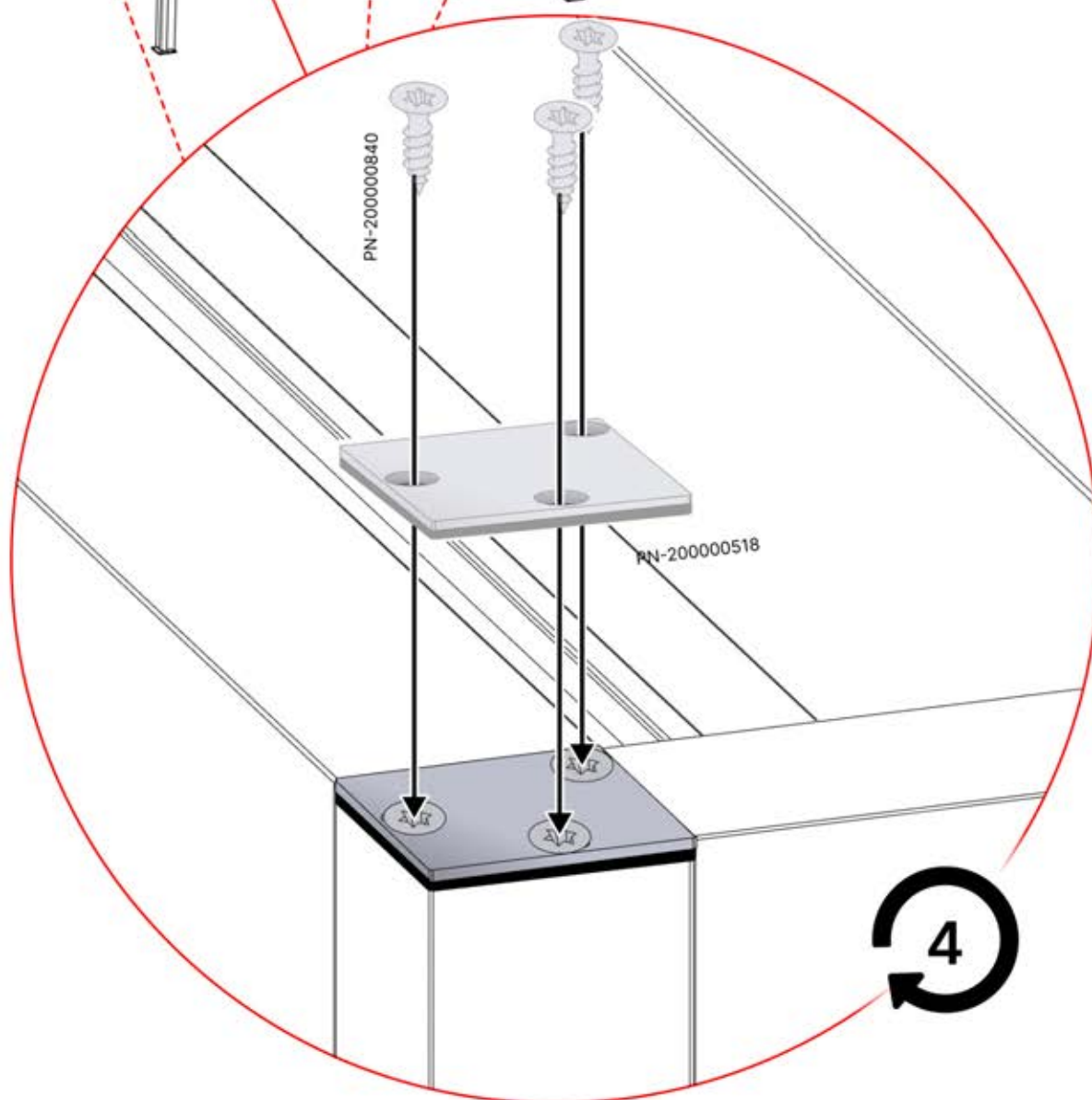
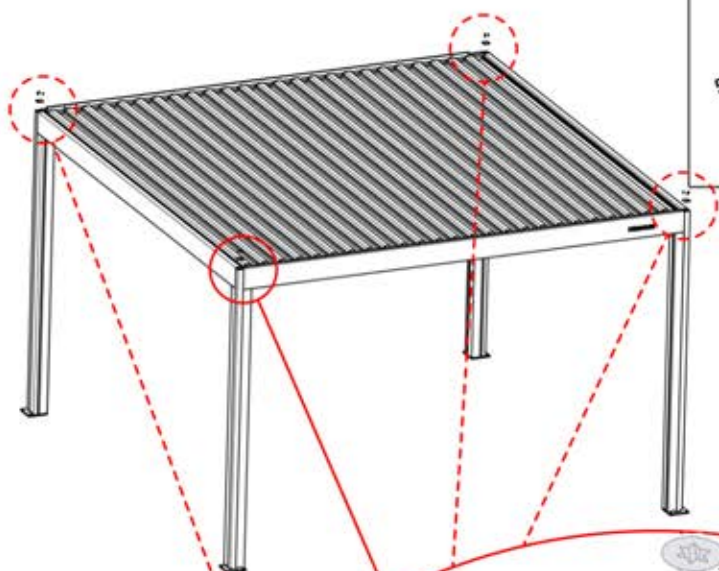
PN-200002614

4x

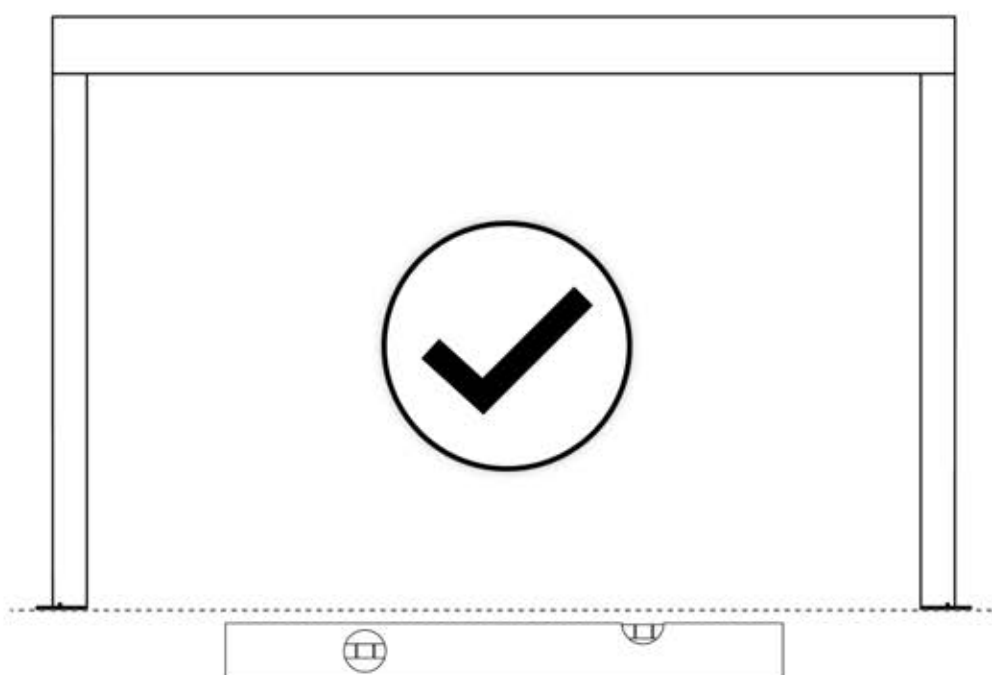
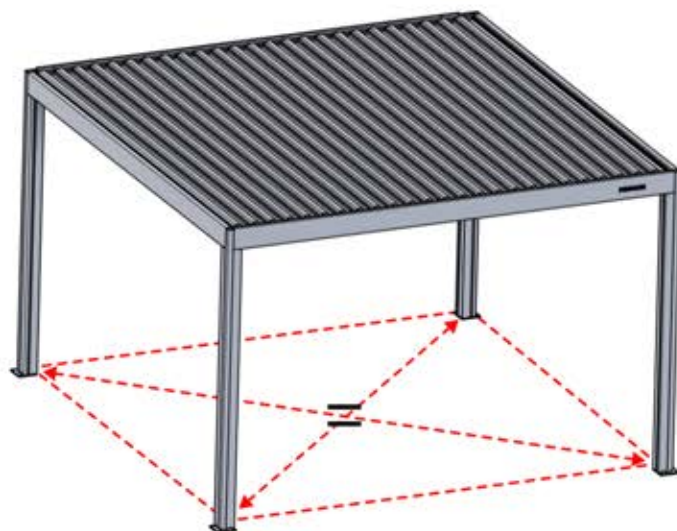
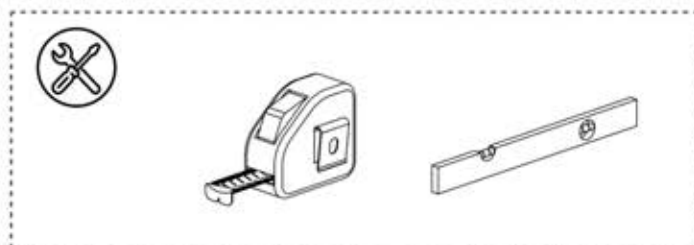


PN-200000840

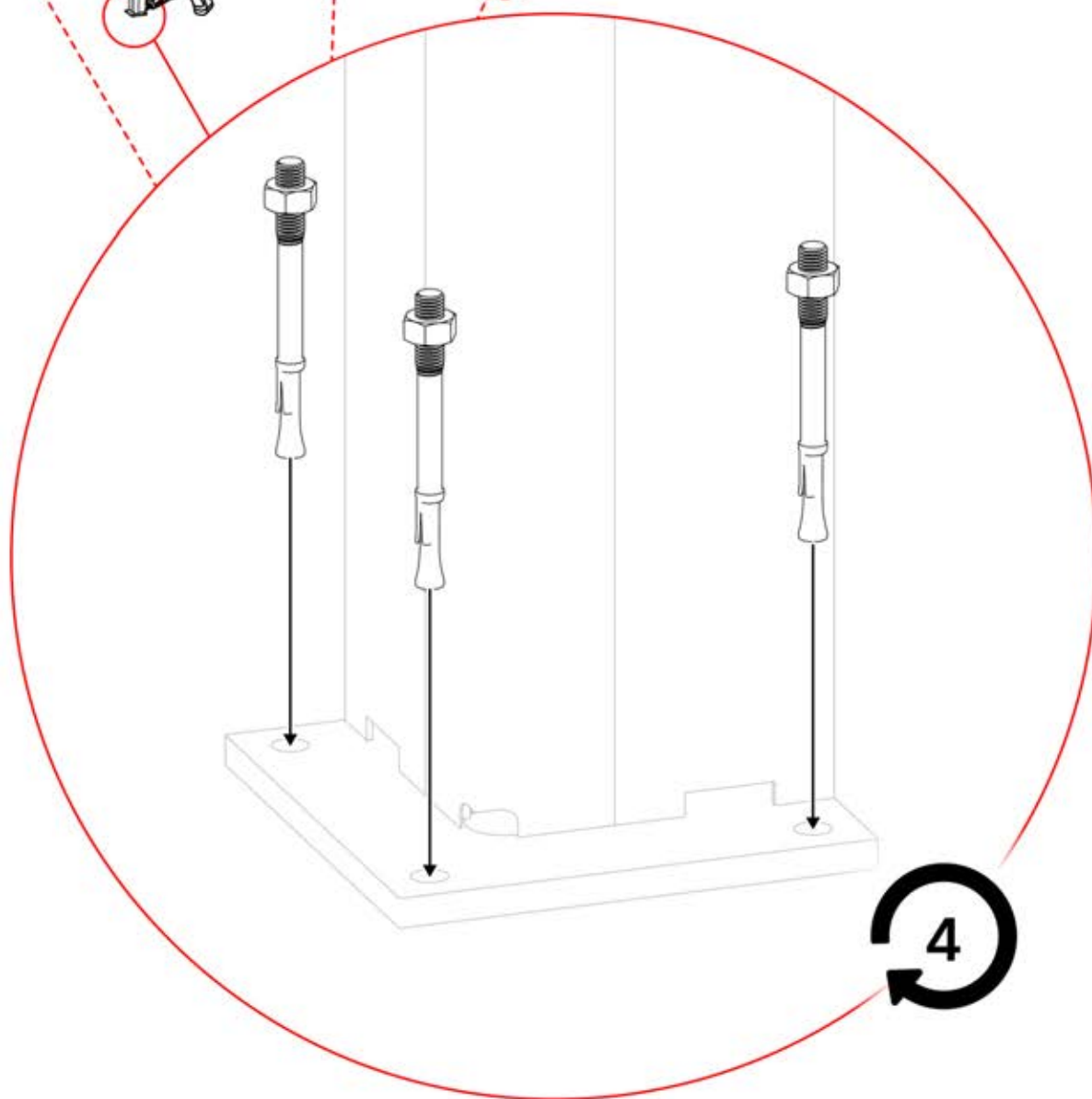
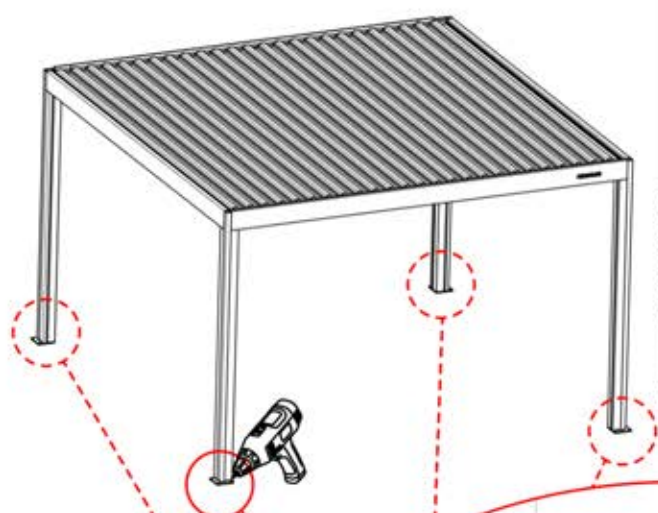
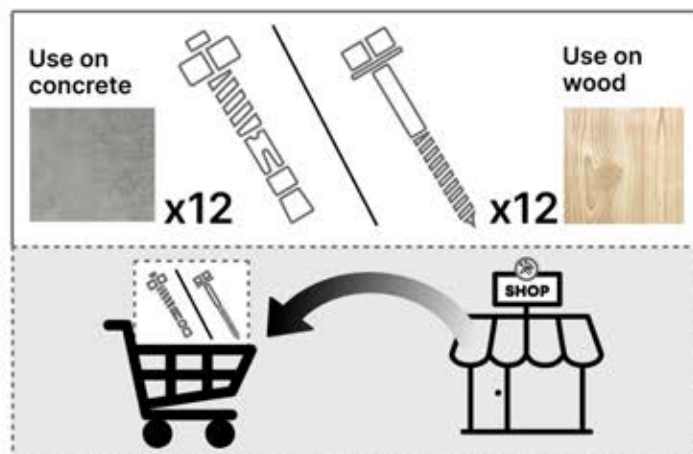
12x



42



43



PERGOLUX | PERGOLA FREESTANDING S4

4X4M / 13'x13'



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