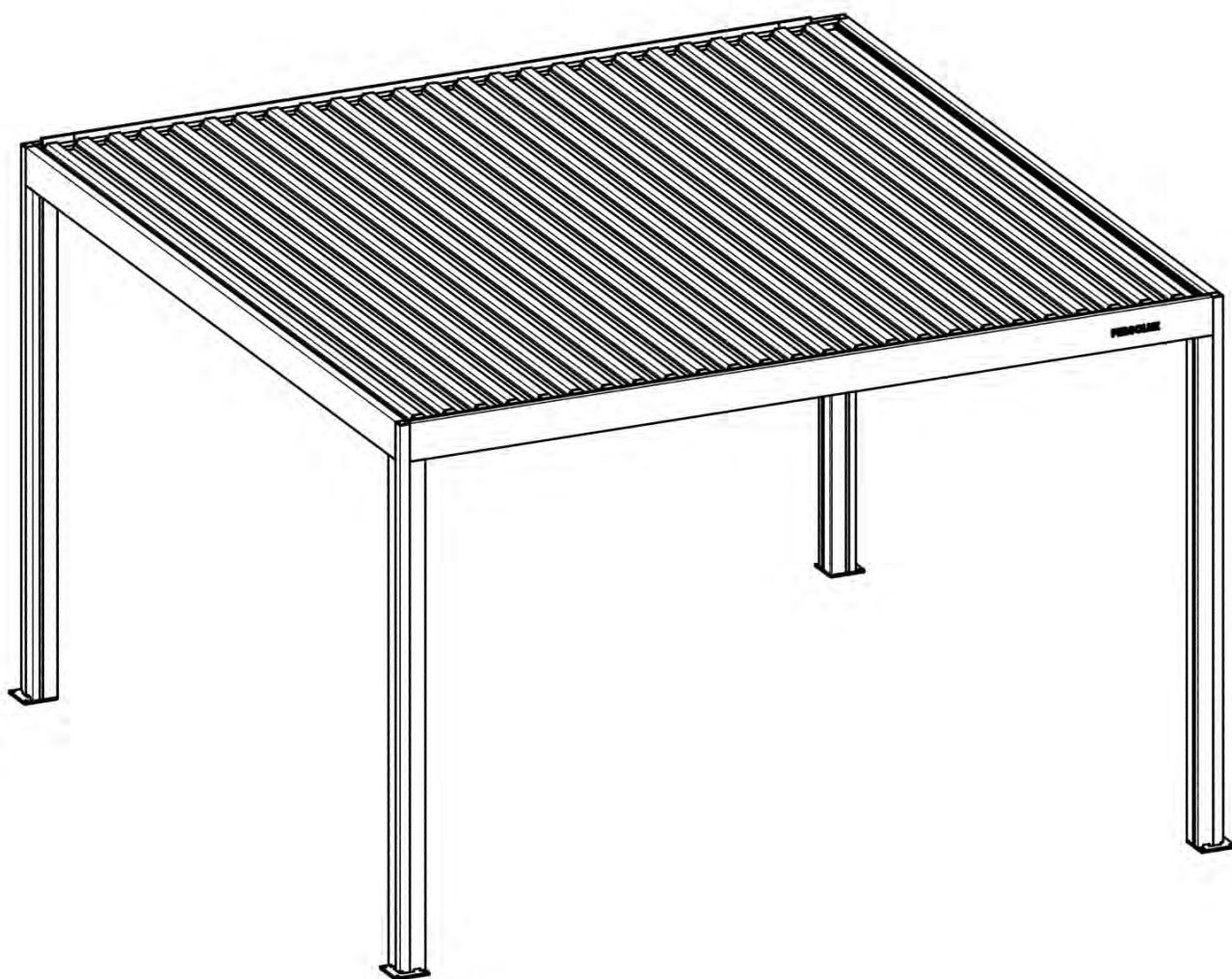


S4

PERGOLA



4 × 4m / 13' x 13'
FREESTANDING

PERGOLUX



Type Approved
Regular
Production
Surveillance

www.tuv.com
ID: 111293124

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 International GmbH, 9 Goethestraße,
36043 Fulda,
Germany

25

DOP-PER-FSWM-S2S3

EN 13561:2015

Pergolux Pergola S2/S3

External use in buildings and other
construction works

Resistance to wind loads: Class 6 (EN 13561)

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

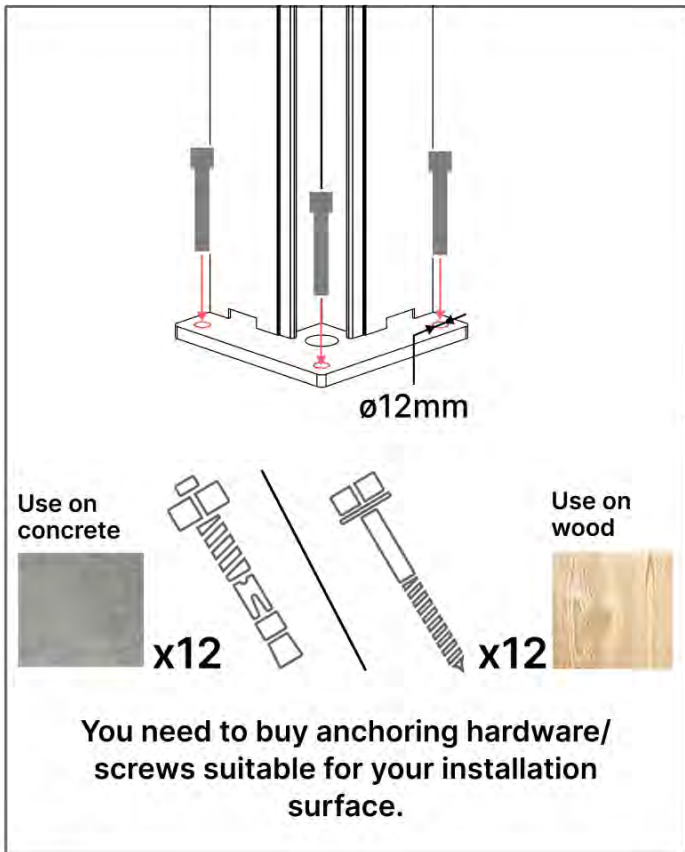


Motor



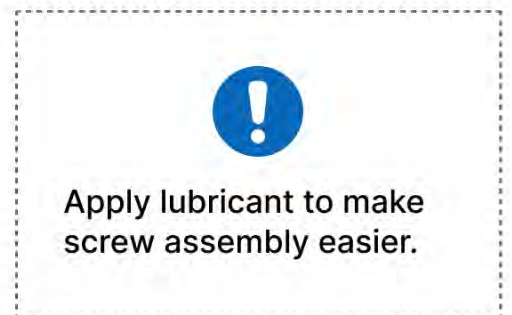
Turn around

INFORMATION

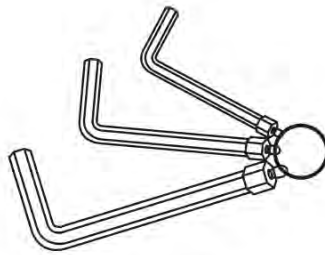
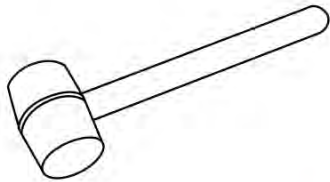


All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

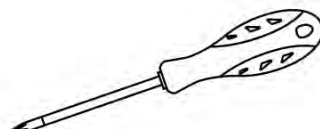
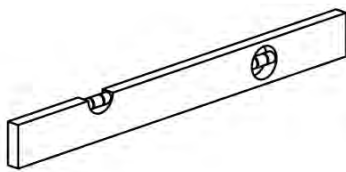
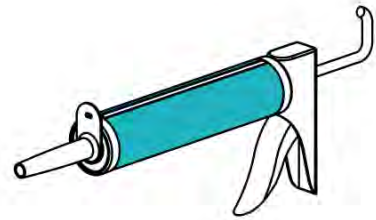
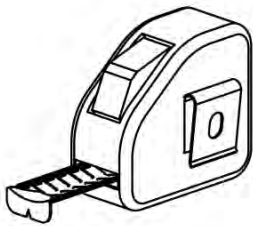
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



TOOLS



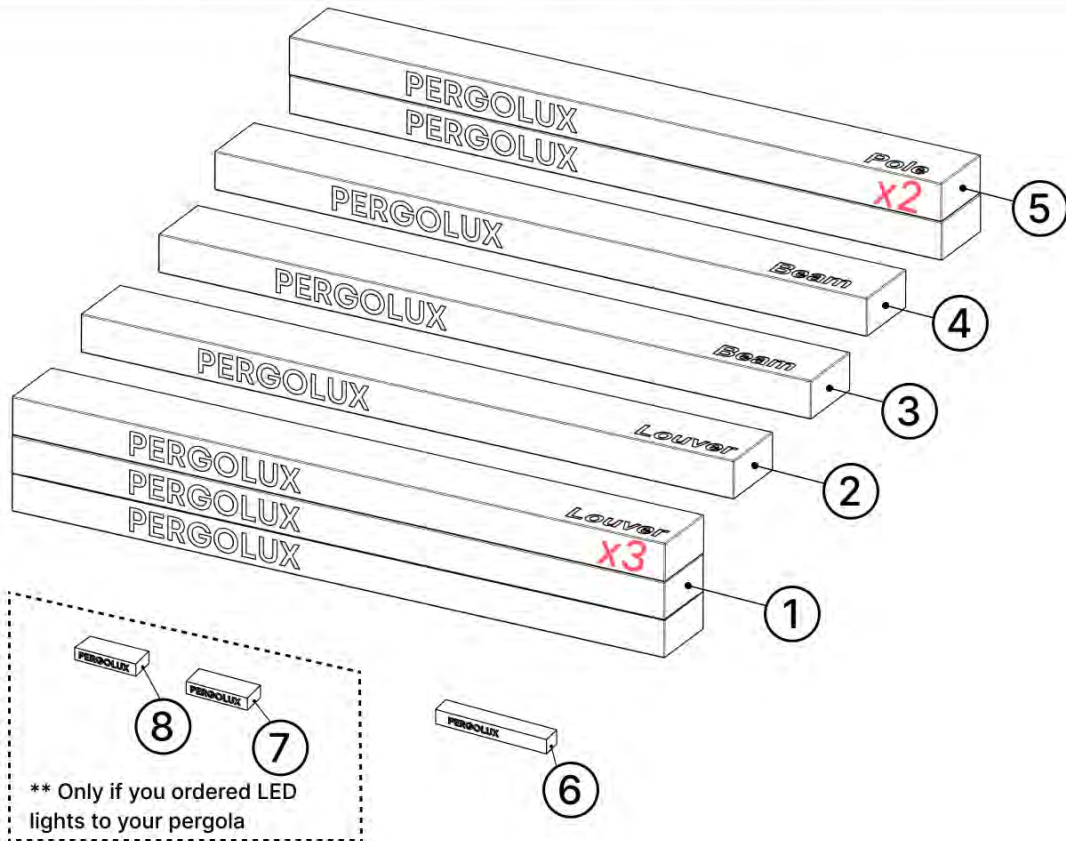
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30



PACKAGE OVERVIEW



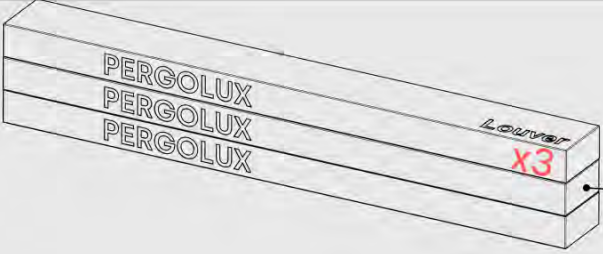
** Only if you ordered LED lights to your pergola

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

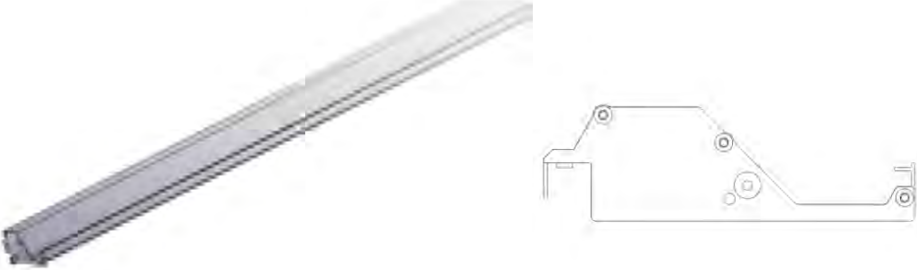
** Only if you ordered LED lights to your pergola

⑦	CONTROL BOX
⑧	POWER CABLE

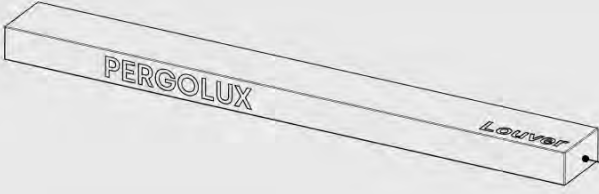
ITEMS IN BOX



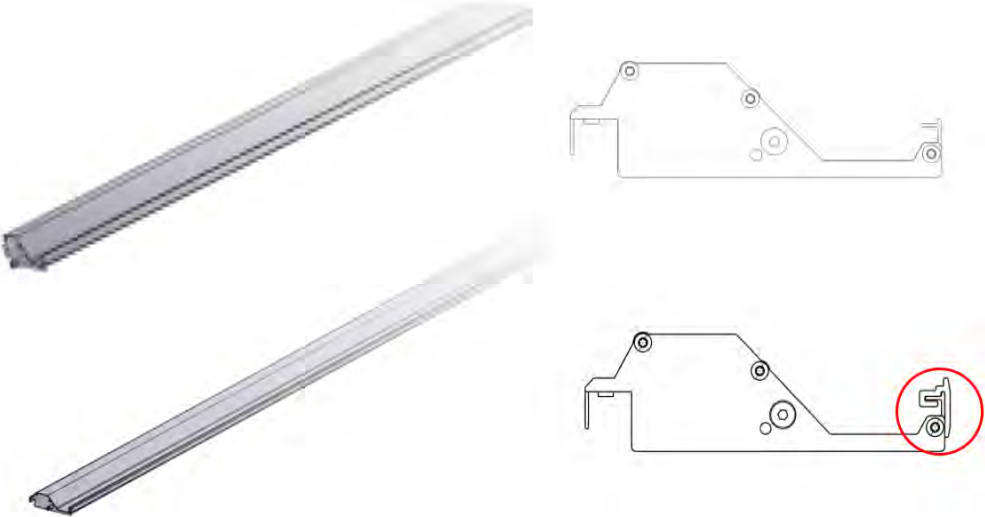
	ANTHRACITE	WHITE	BLACK
1	L192	L196	L194



PN-200003004
18x



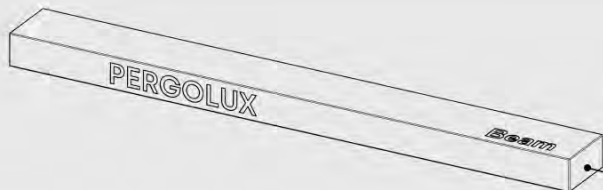
	ANTHRACITE	WHITE	BLACK
2	L204	L208	L206



PN-200003004
6x

PN-200003003
1x

ITEMS IN BOX



ANTHRACITE

WHITE

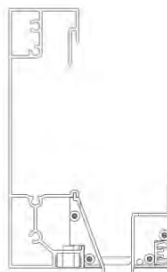
BLACK

3

B209

B213

B211



PN-200002999

2x


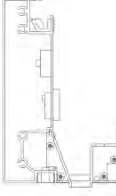



Premounted

PN-200003001

2x

ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
4	B188	B194	B191
		PN-200002747 1x	
		PN-200002748 1x	
		Premounted PN-200002623 1x	
		Premounted PN-200002609 1x	
		Premounted 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-20000
3282



PN-200001514
4x



PN-200000958
4x



PN-200000840
12x



PN-20000
3278



PN-200003031
1x



PN-200003033
2x



PN-200003030
1x

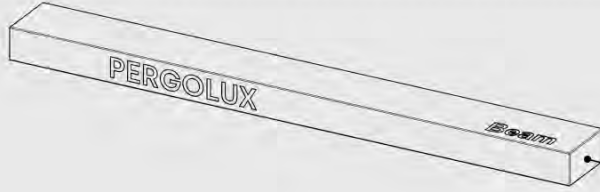


PN-200001207
2x

ITEMS IN BOX



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



4

ANTHRACITE WHITE BLACK

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
2x



PN-20000
3342



PN-200002706
8x



PN-20000
3279



PN-200000568
32x



PN-20000
3281



PN-200002622
4x

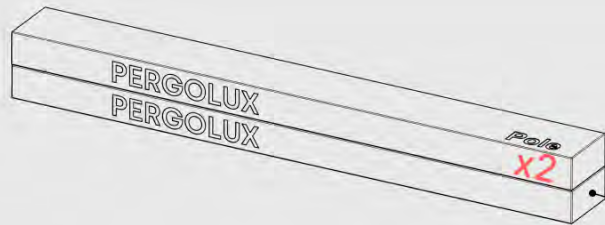


PN-200000680
8x



PN-200003209
1x

ITEMS IN BOX



5

ANTHRACITE

WHITE

BLACK

C120

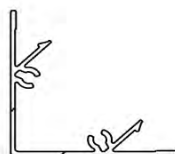
C122

C121



PN-200002606

4x



PN-200003386

4x



PN-200002614

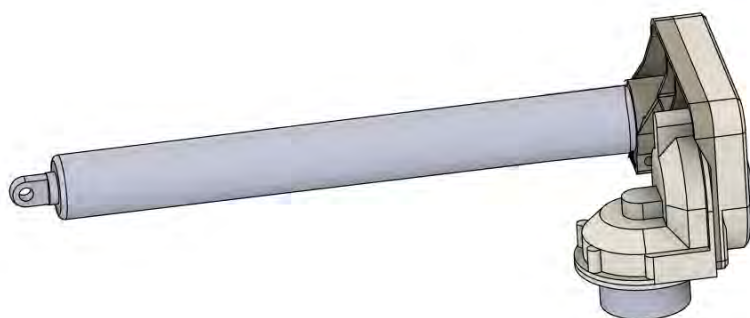
4x

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



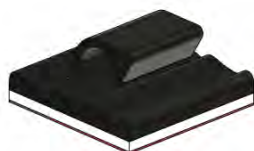
Control box

1x



PN-200002756

1x



Matter antenna clip

1x



PN-200002754

1x



PN-200002684

10x



PN-200002758

1x



PN-200002683

5x



PN-200002753

2x



QR-code

1x



PN-200002759

2x



3M tape

1x



PN-200002757

1x

ITEMS IN BOX



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



8

POWER CABLE



PN-200003781

1x

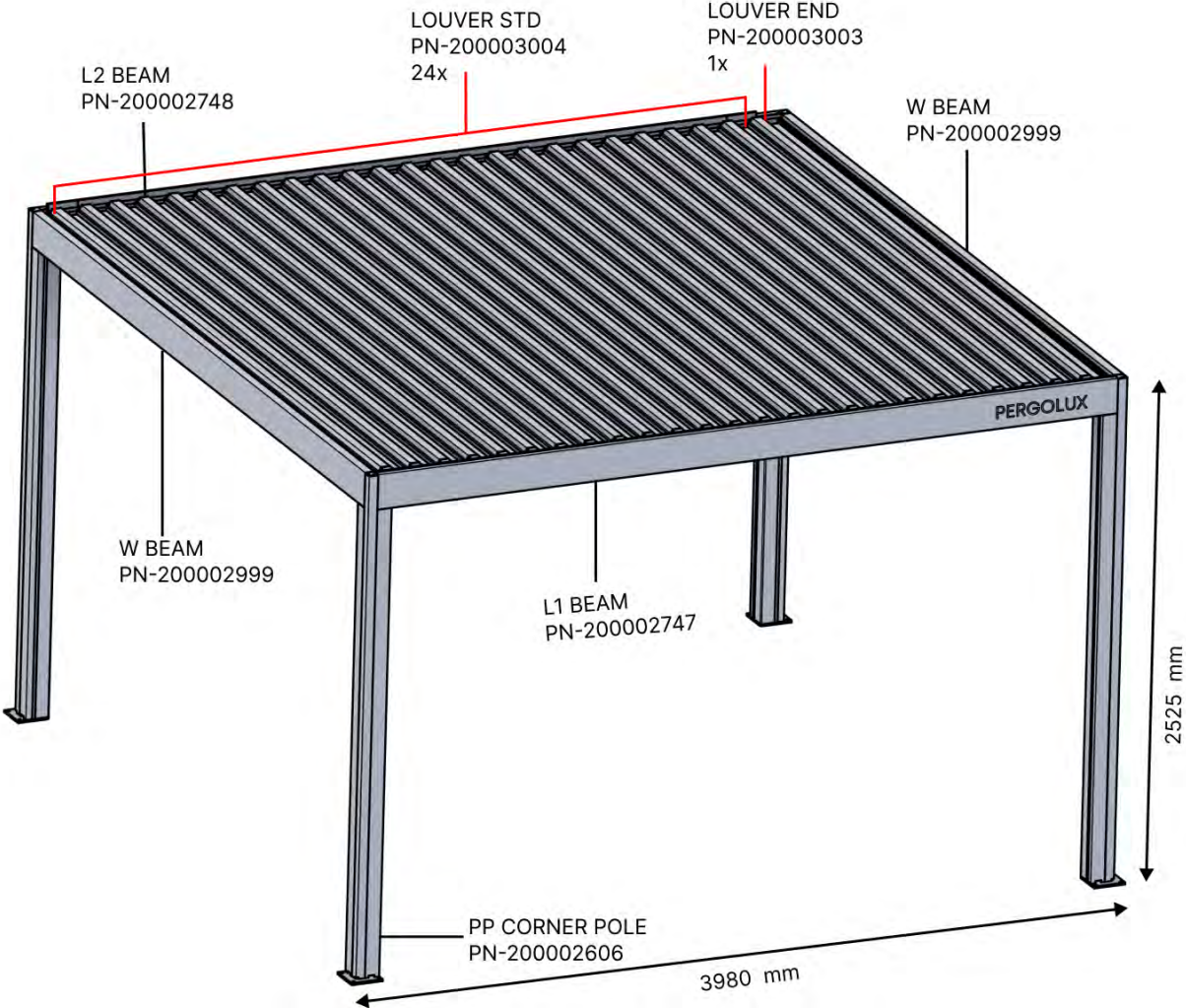


All electric parts should be tested before installation.

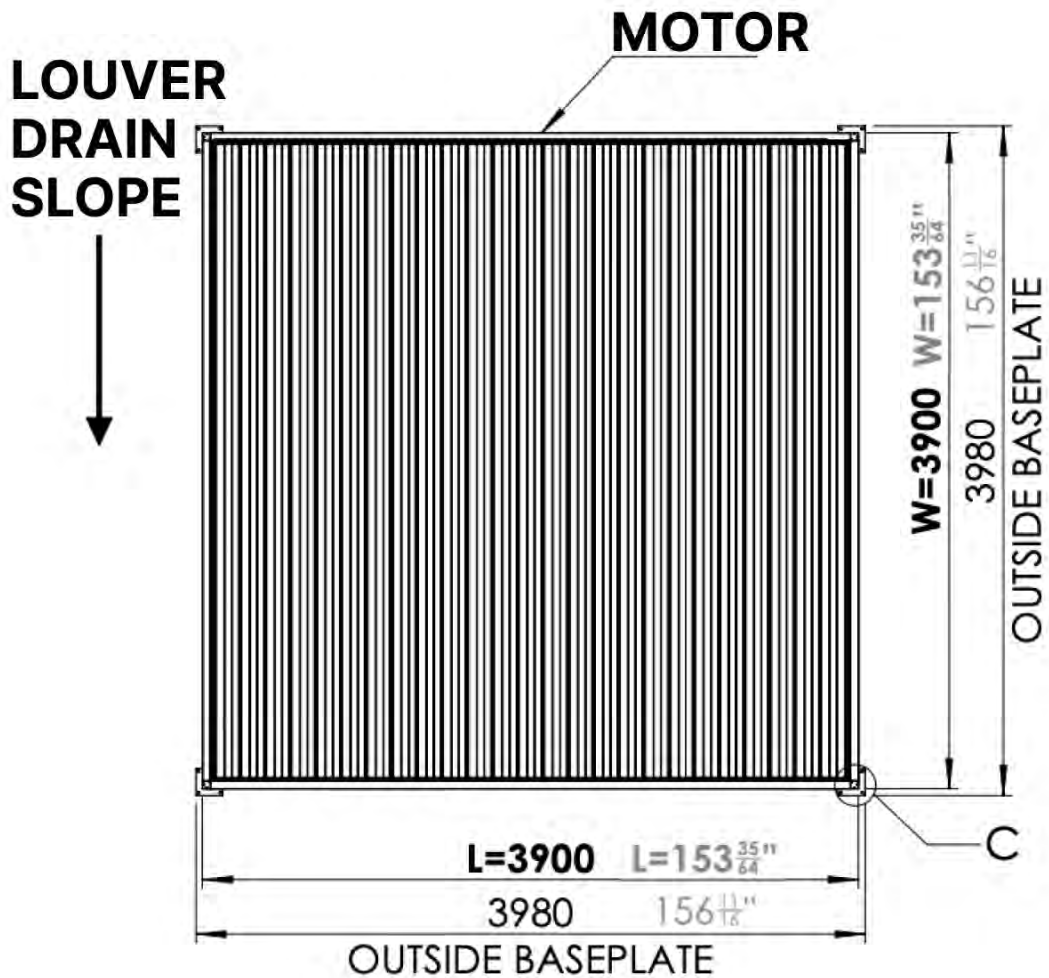
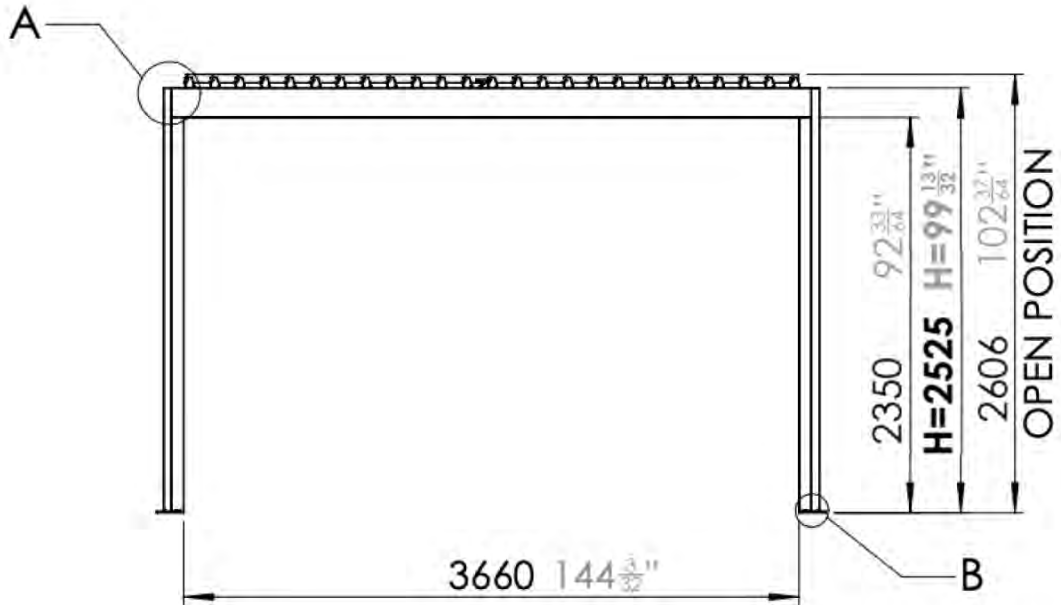
LEDs + Motor (and heater) should be connected to the Control box and programmed to ensure functionality.

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

4 x 4 M / 13' x 13'



4 × 4 m / 13' x 13'



01

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.

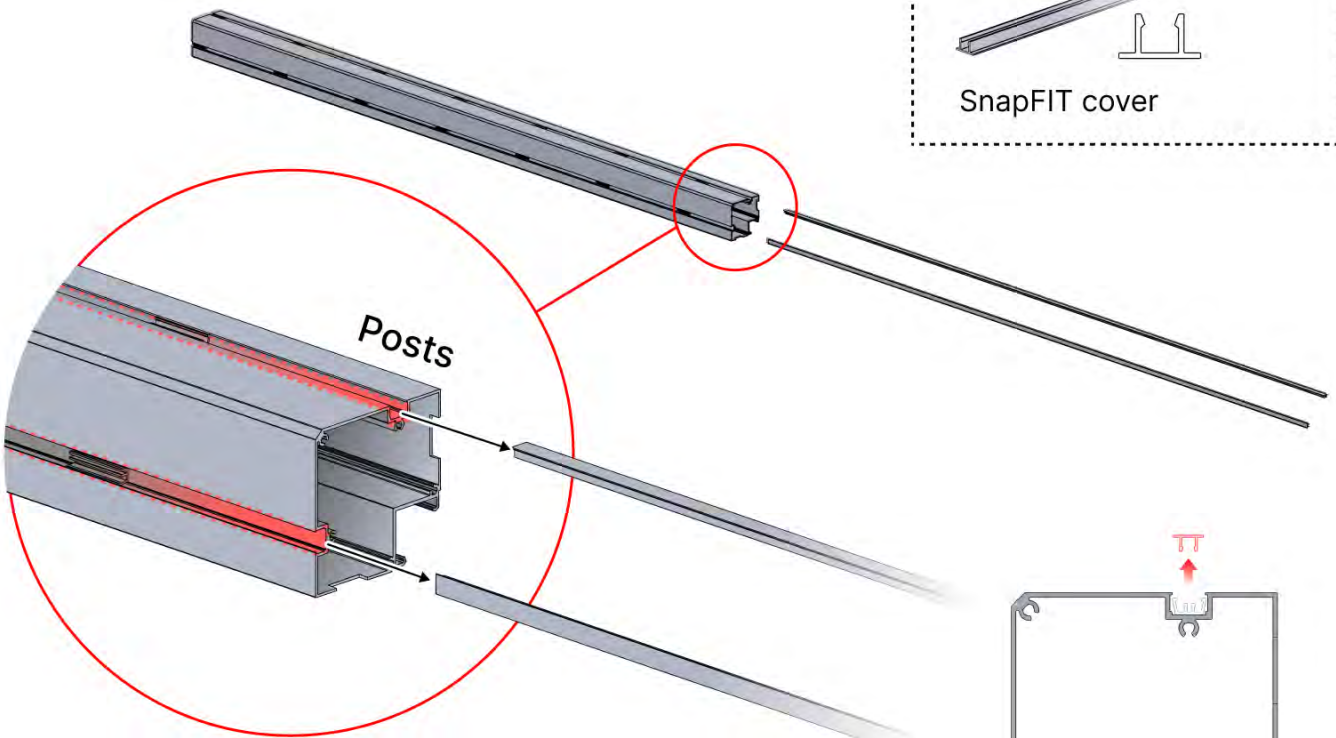
Cover and clips



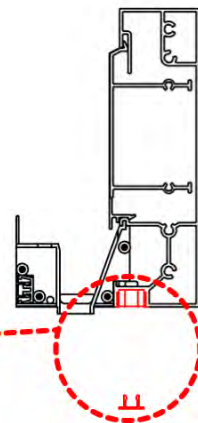
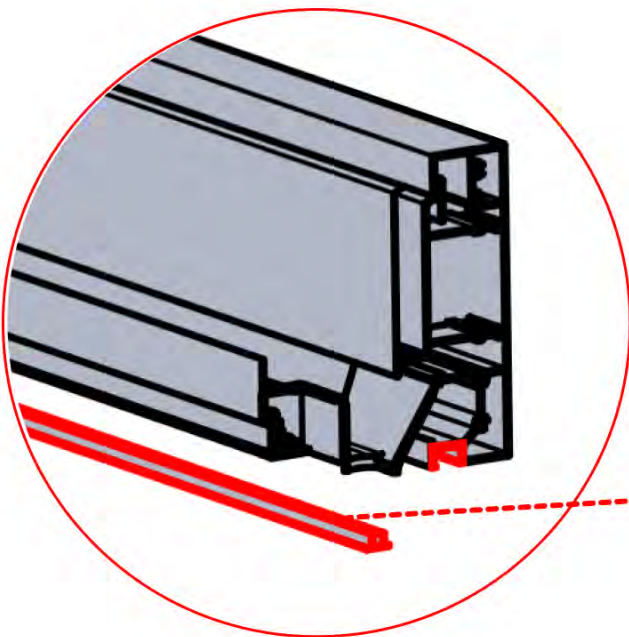
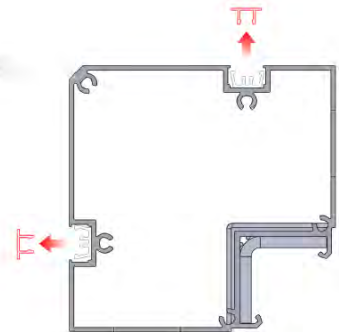
PN-200000512
SnapFIT cover clip



SnapFIT cover



Posts



02

Are you installing a heater, fan or LED lights?

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

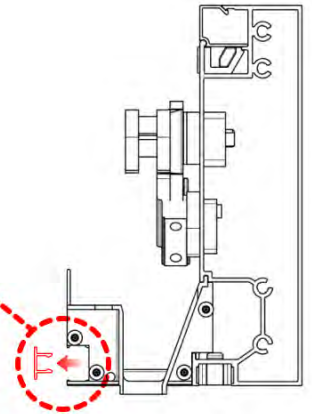
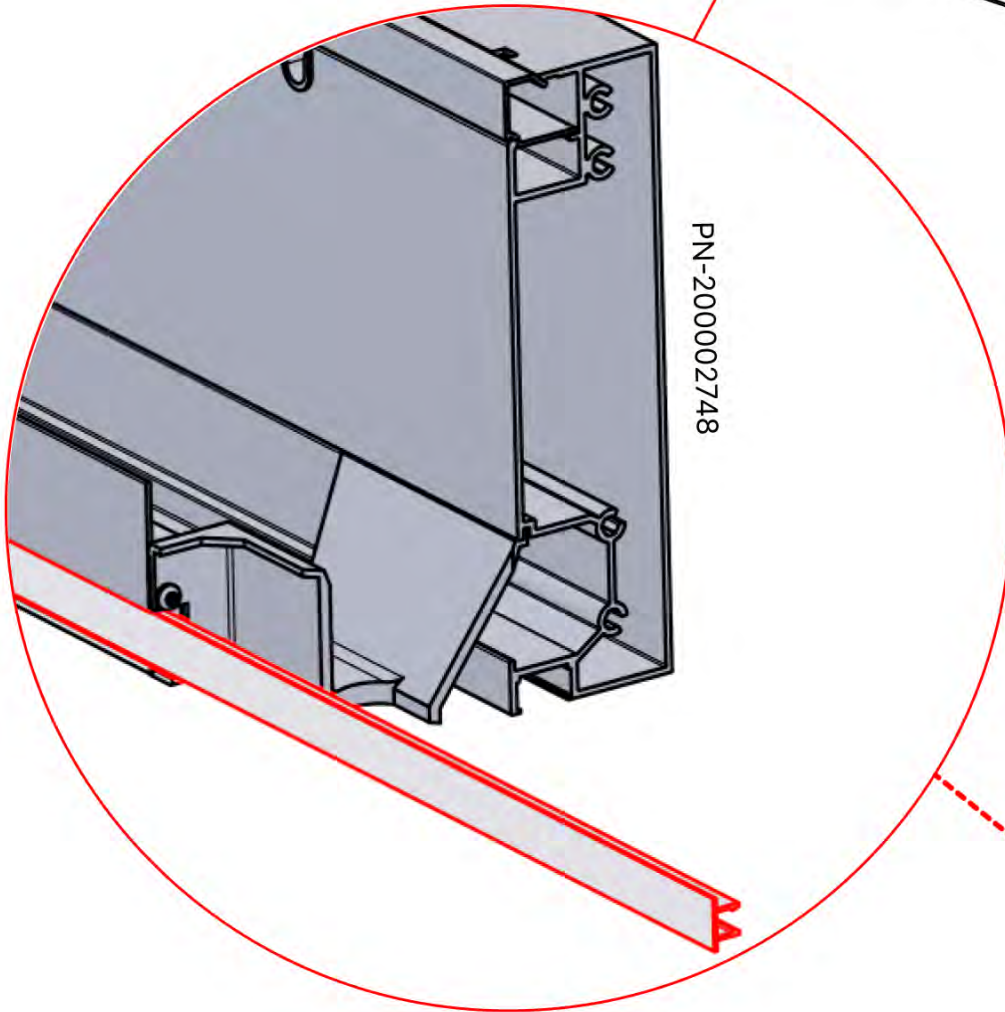
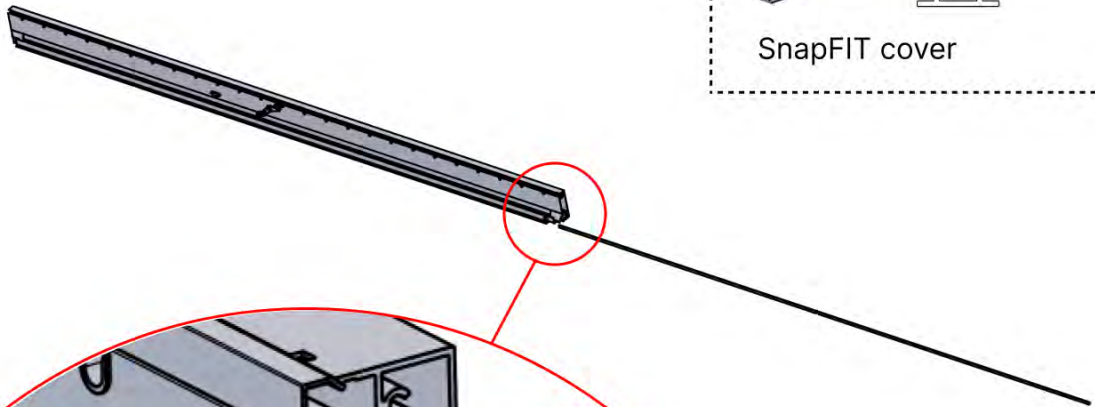
Cover and clips



PN-200000512
LED STRIP COVER CLIP



SnapFIT cover



03

3

PERGOLUX x7

ANTHRACITE: B209
WHITE: B213
BLACK: B211

4

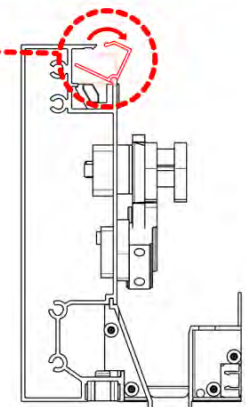
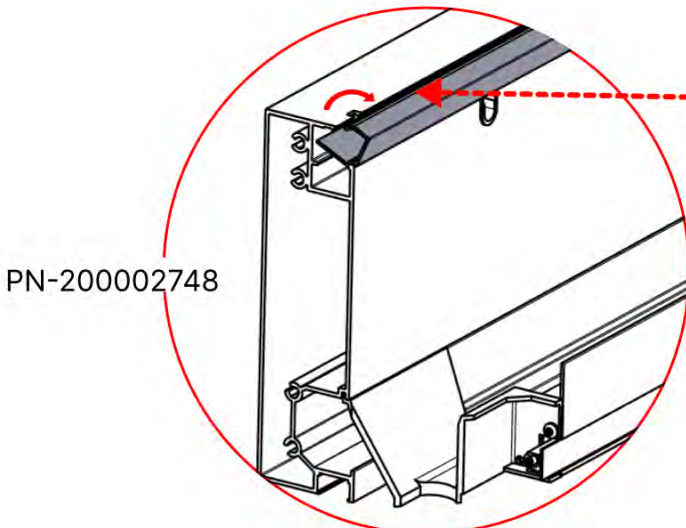
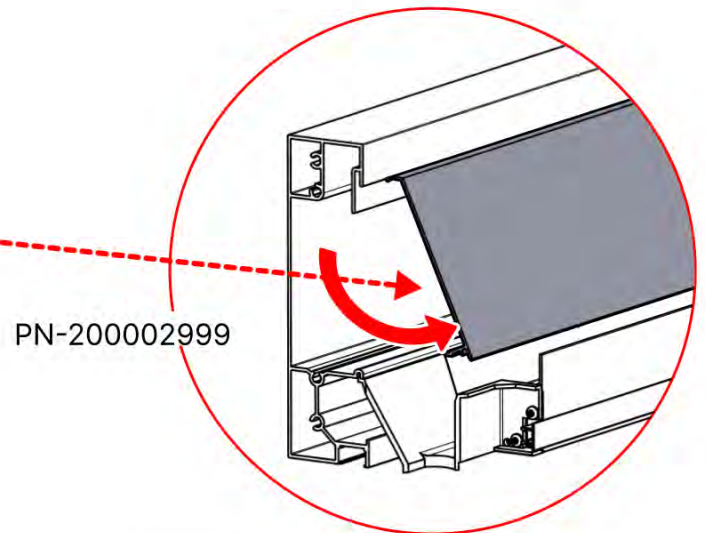
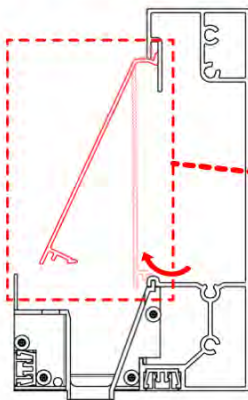
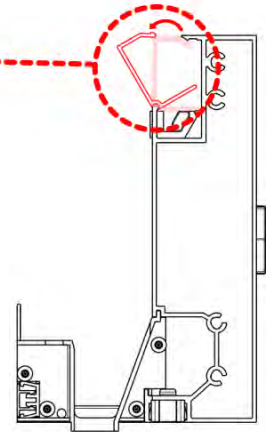
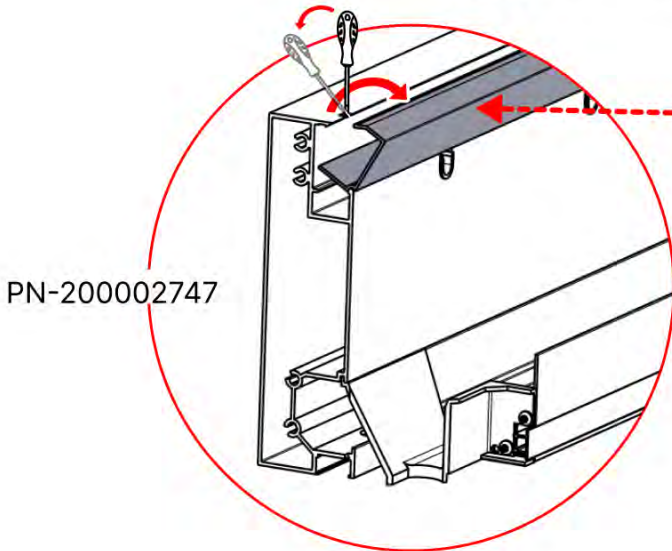
PERGOLUX x7

ANTHRACITE: B188
WHITE: B194
BLACK: B191

PN-200002999
2x

PN-200002747
1x

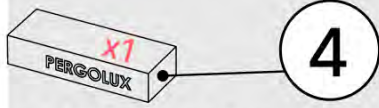
PN-200002748
1x



04



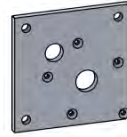
ANTHRACITE: C120
WHITE: C122
BLACK: C121



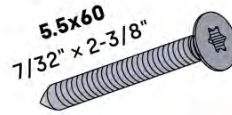
ANTHRACITE: B188
WHITE: B194
BLACK: B191



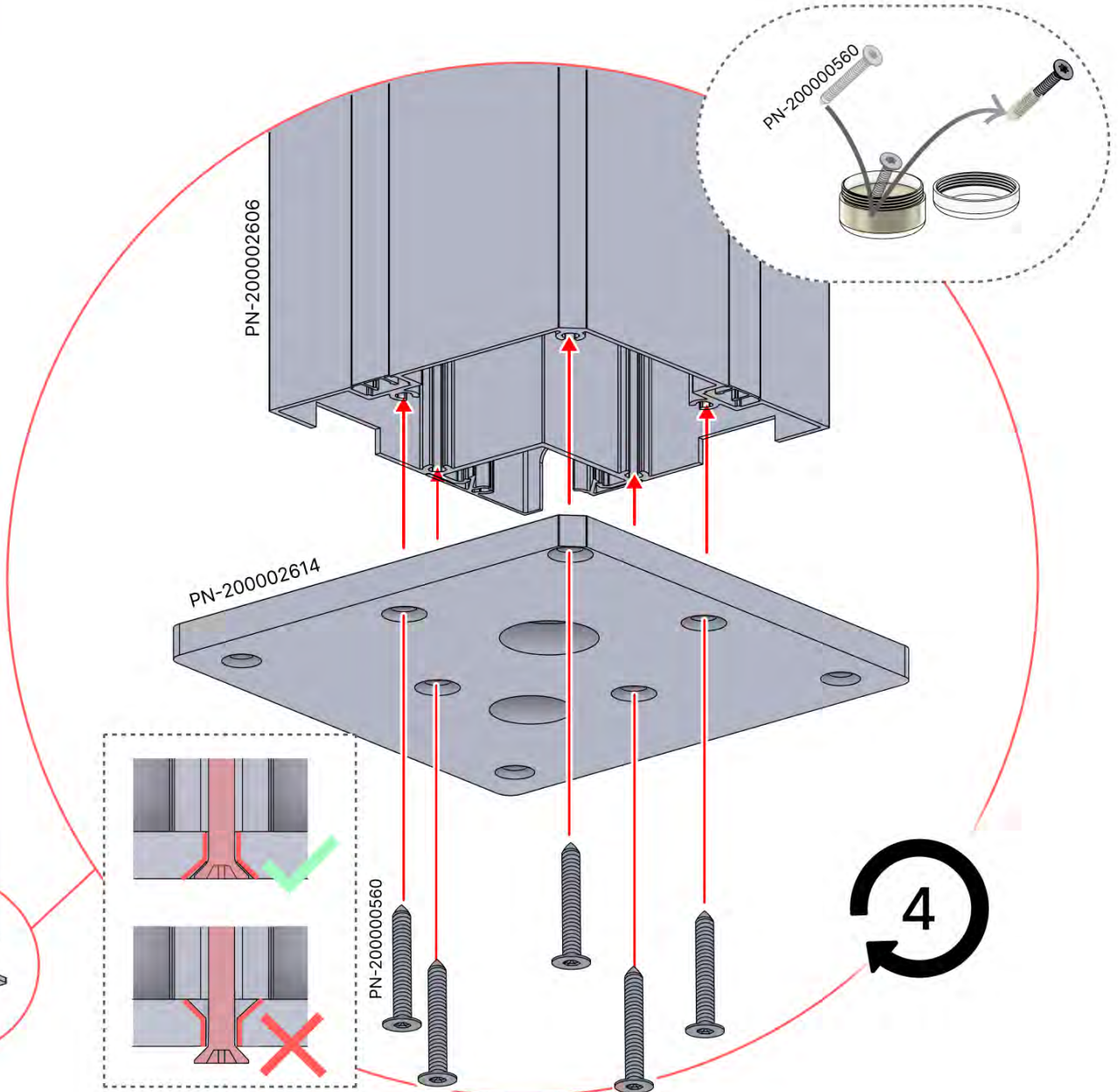
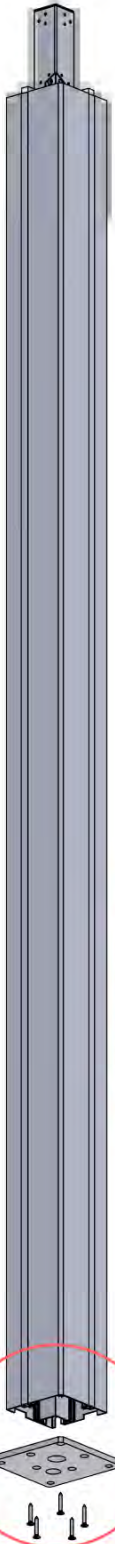
PN-200002606
4x



PN-200002614
4x



PN-200000560
20x



05



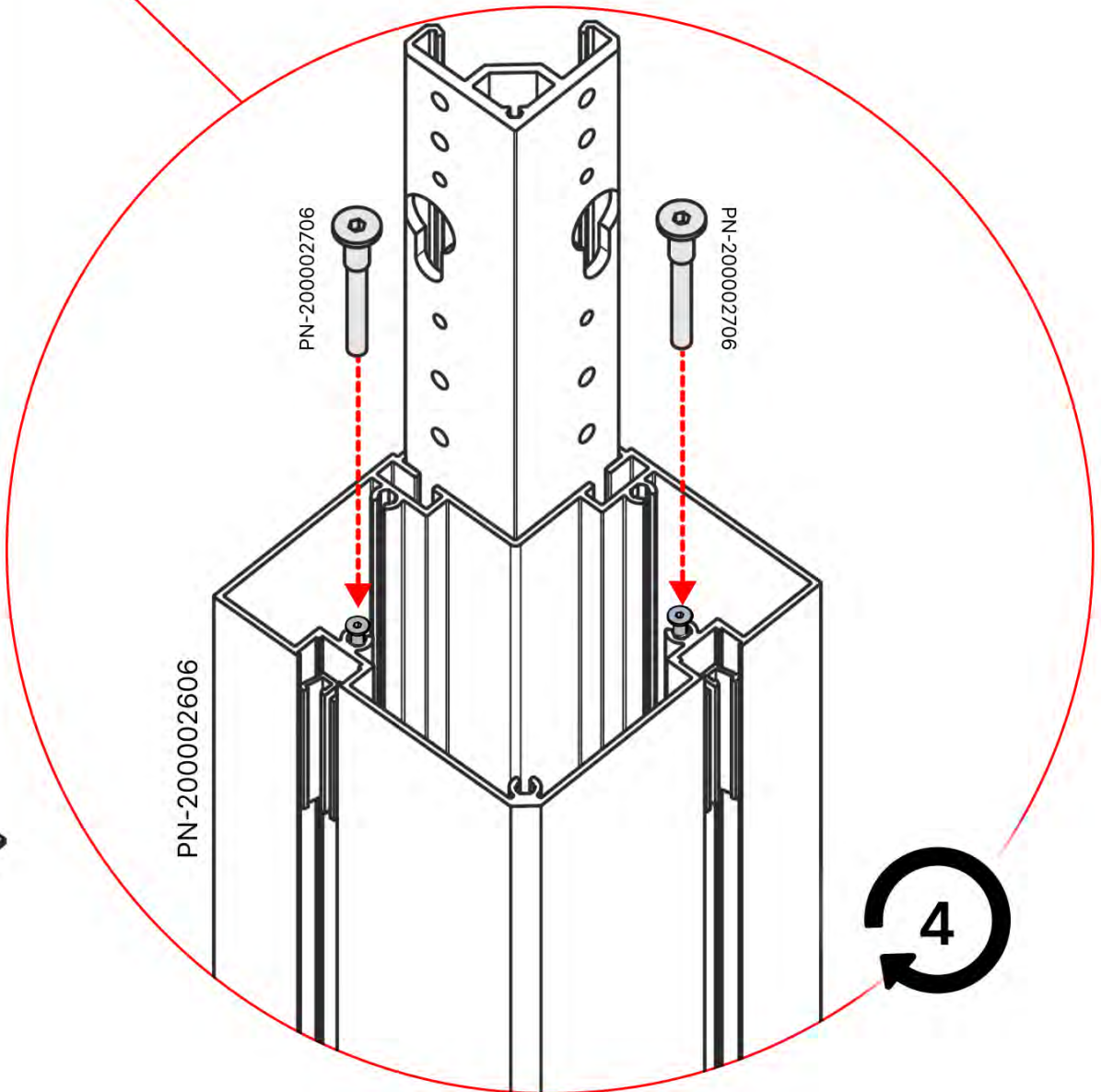
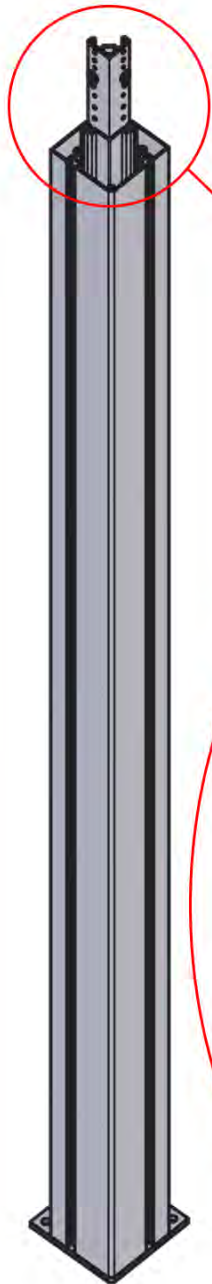
4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200002706

8x

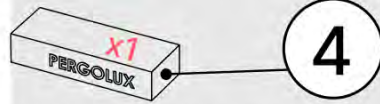


INFORMATION



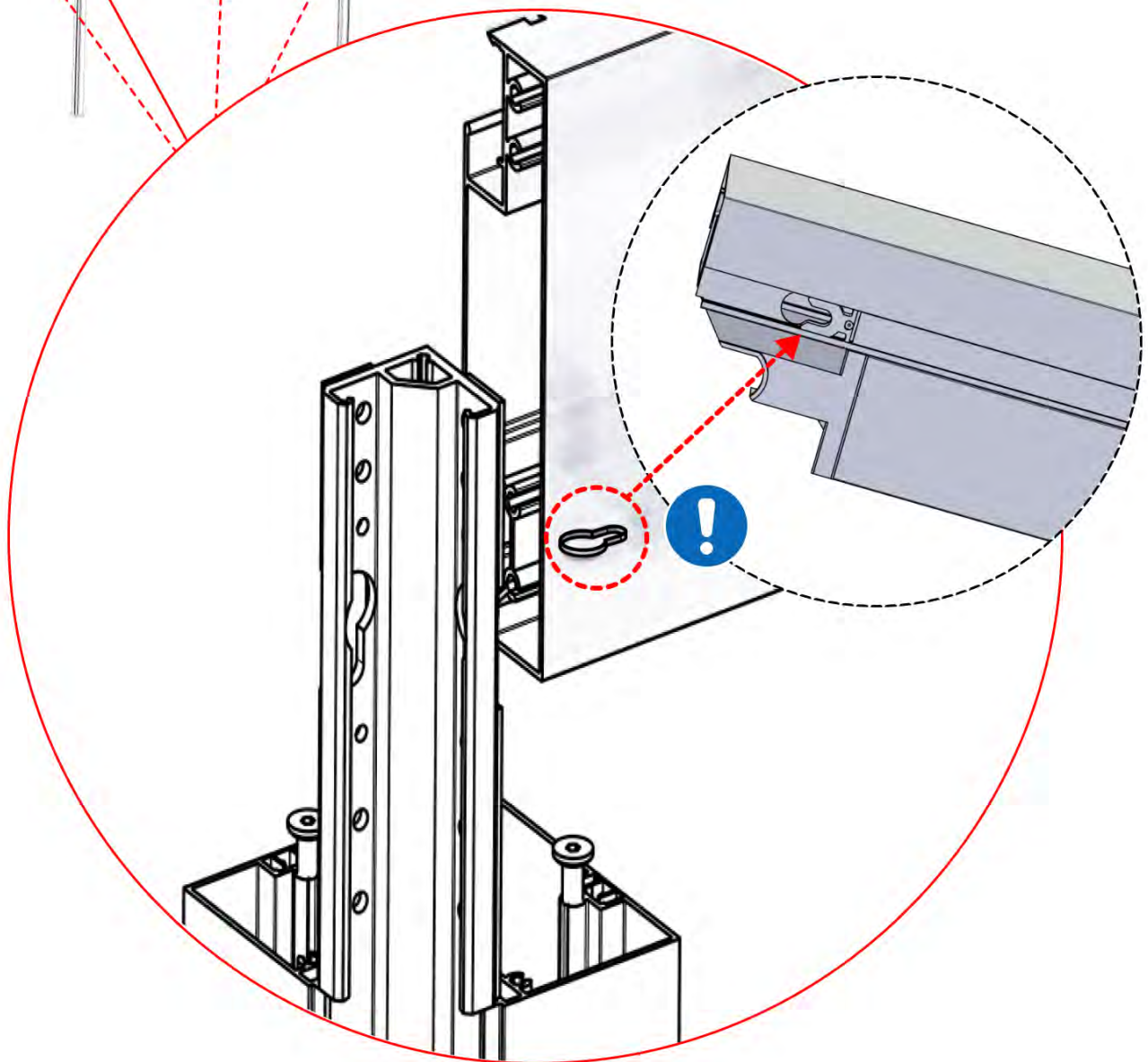
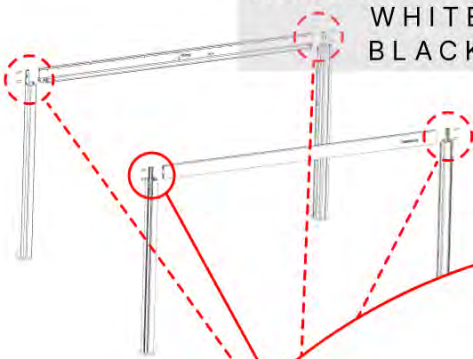
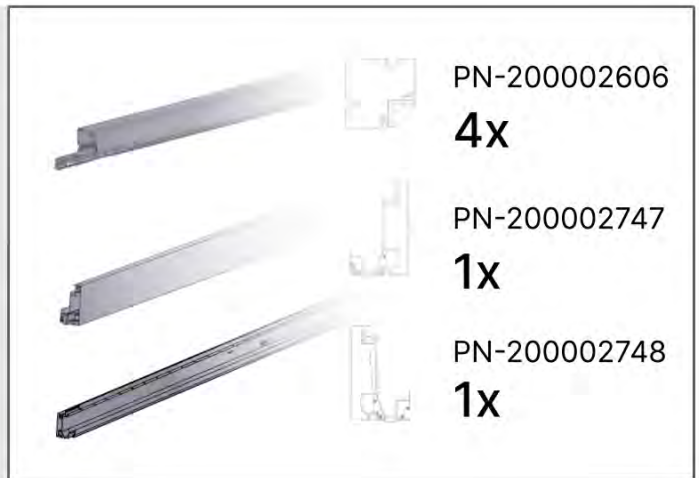
5

ANTHRACITE: C120
WHITE: C122
BLACK: C121



4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



06

x2
PERGOLUX
PERGOLUX

5

ANTHRACITE: C120
WHITE: C122
BLACK: C121

x7
PERGOLUX

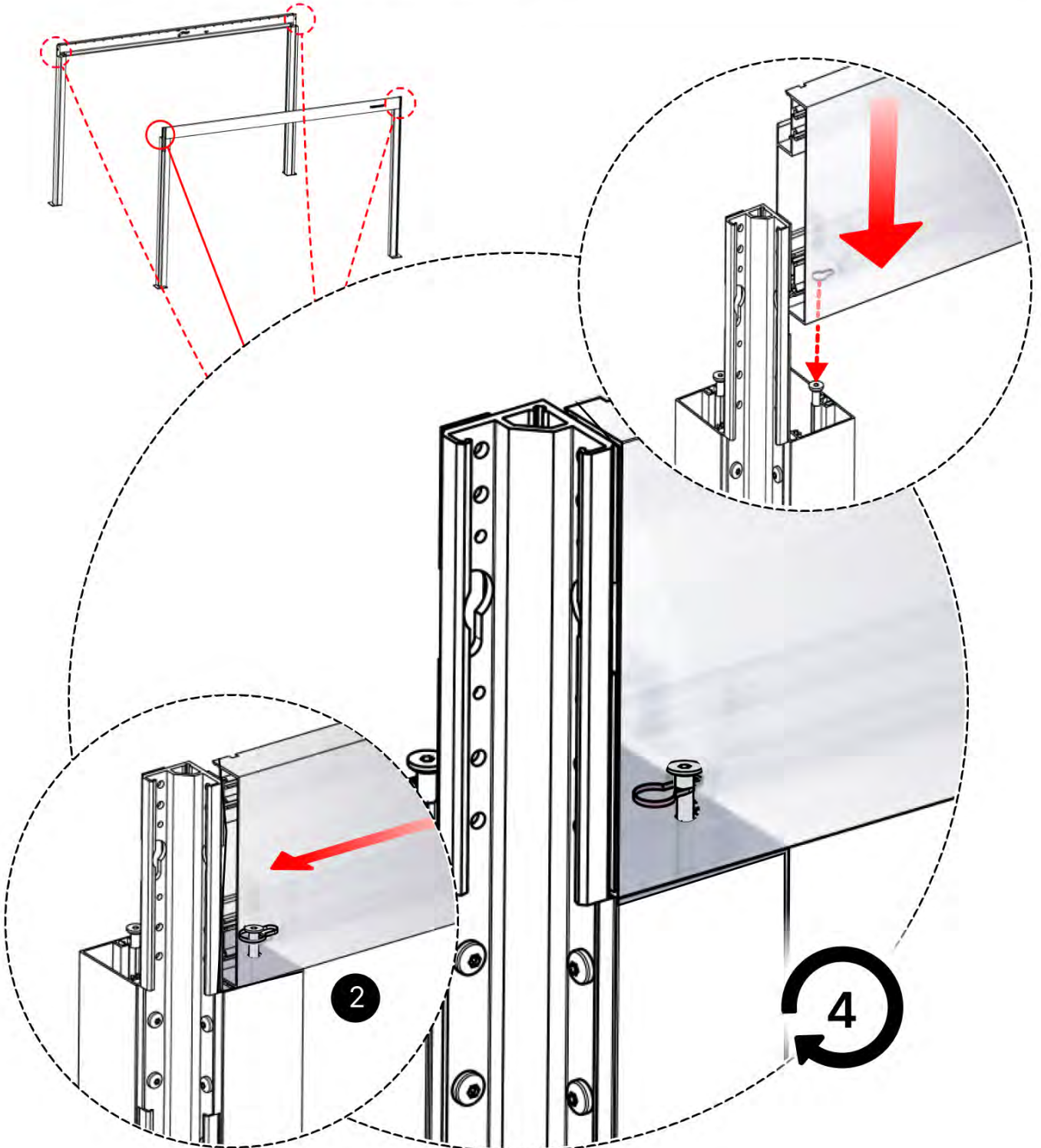
4

ANTHRACITE: B188
WHITE: B194
BLACK: B191

PN-200002606
4x

PN-200002747
1x

PN-200002748
1x



07



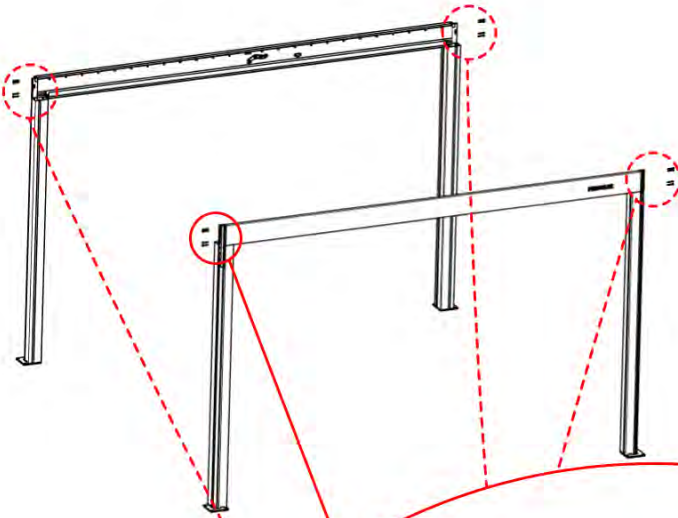
4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200000568

16x



PN-200000568



PN-200000568



PN-2000002606



08

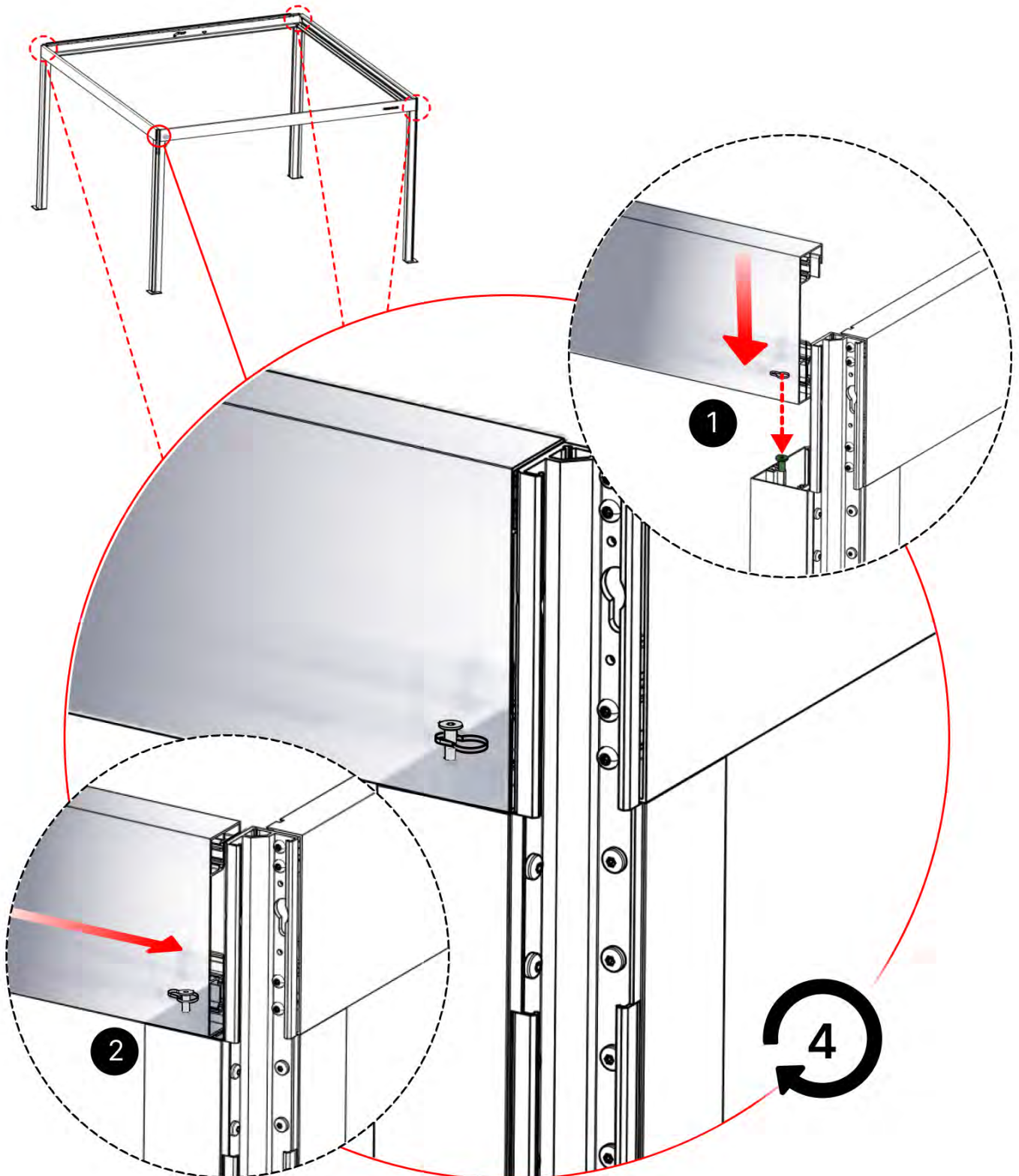
x1
PERGOLUX

3

ANTHRACITE: B209
WHITE: B213
BLACK: B211



PN-200002999
2x



09

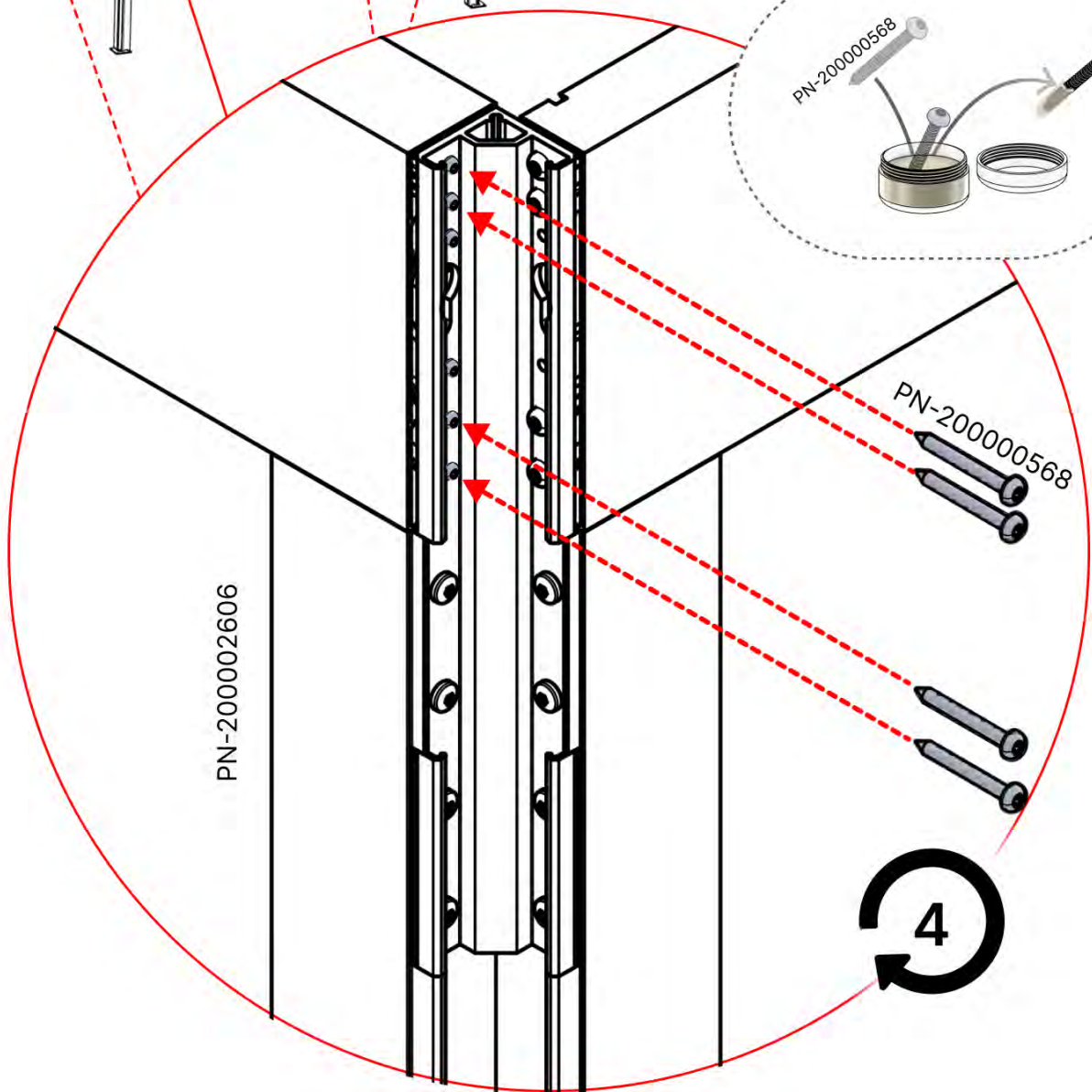
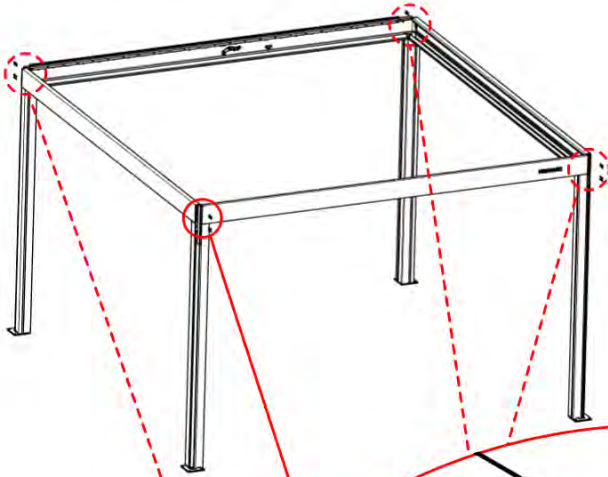


4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200000568
16x



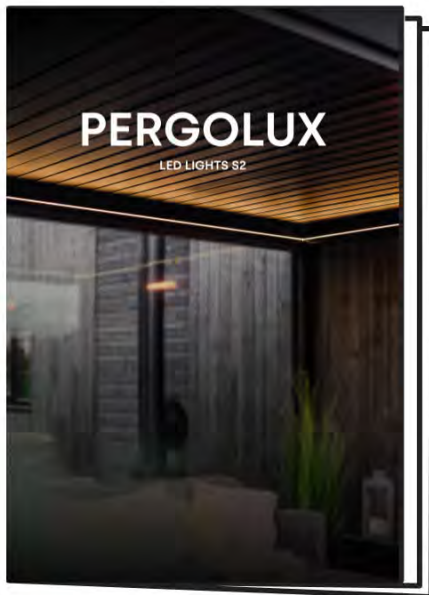
INFORMATION

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:



10

x1
PERGOLUX

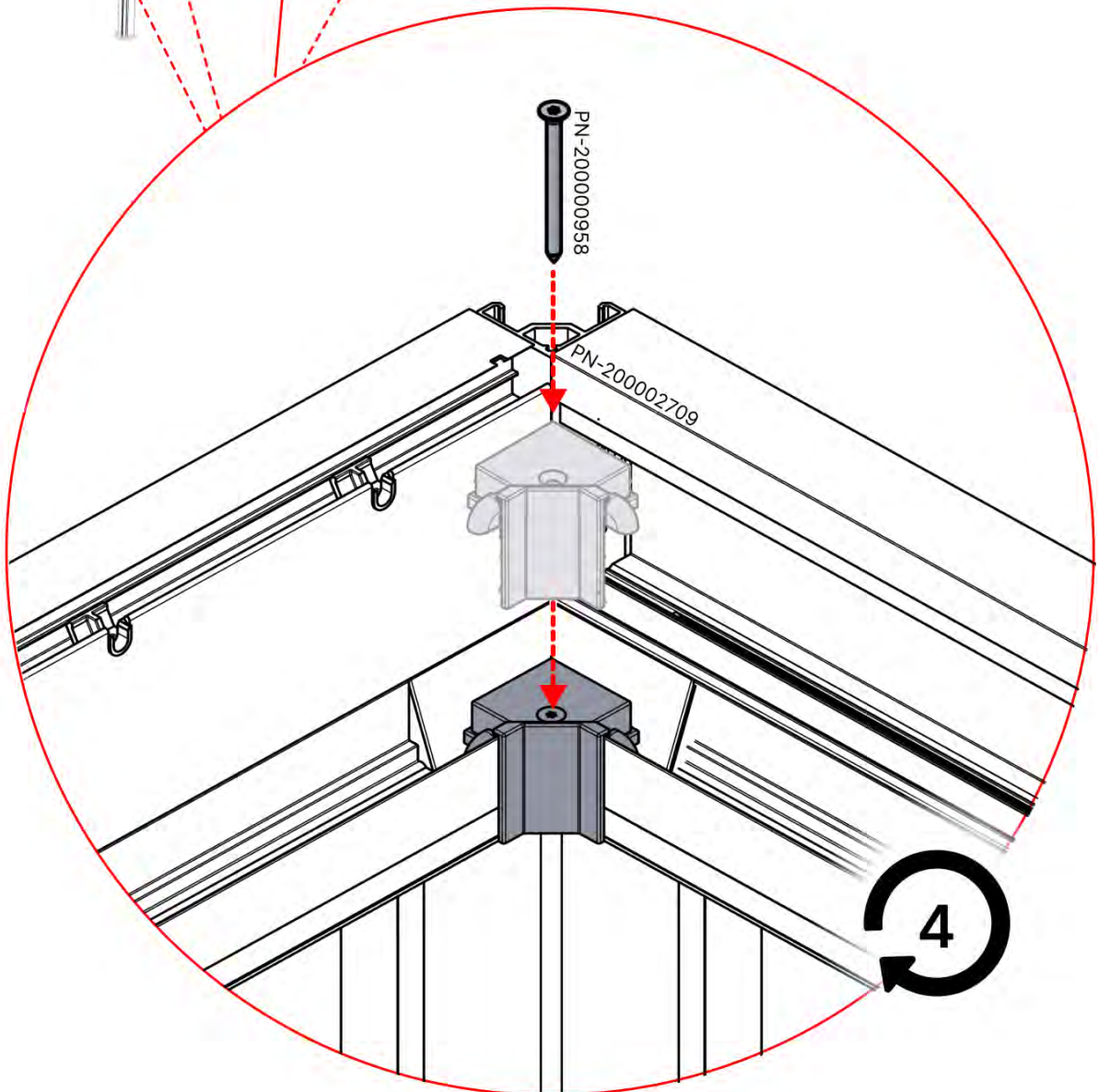
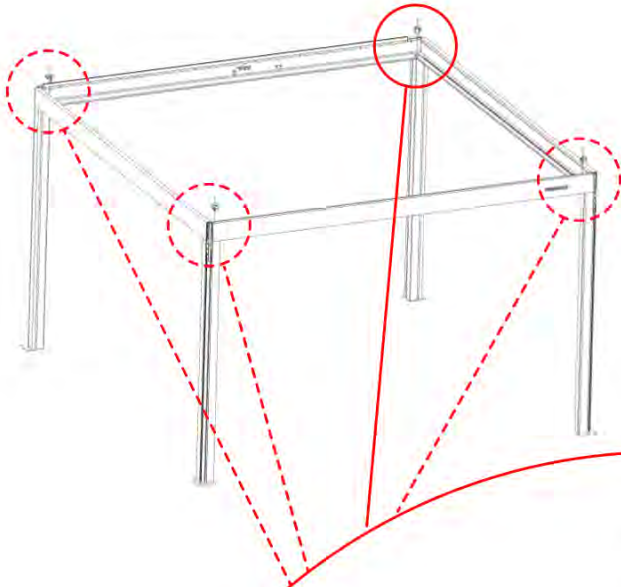
4

ANTHRACITE: B188
WHITE: B194
BLACK: B191

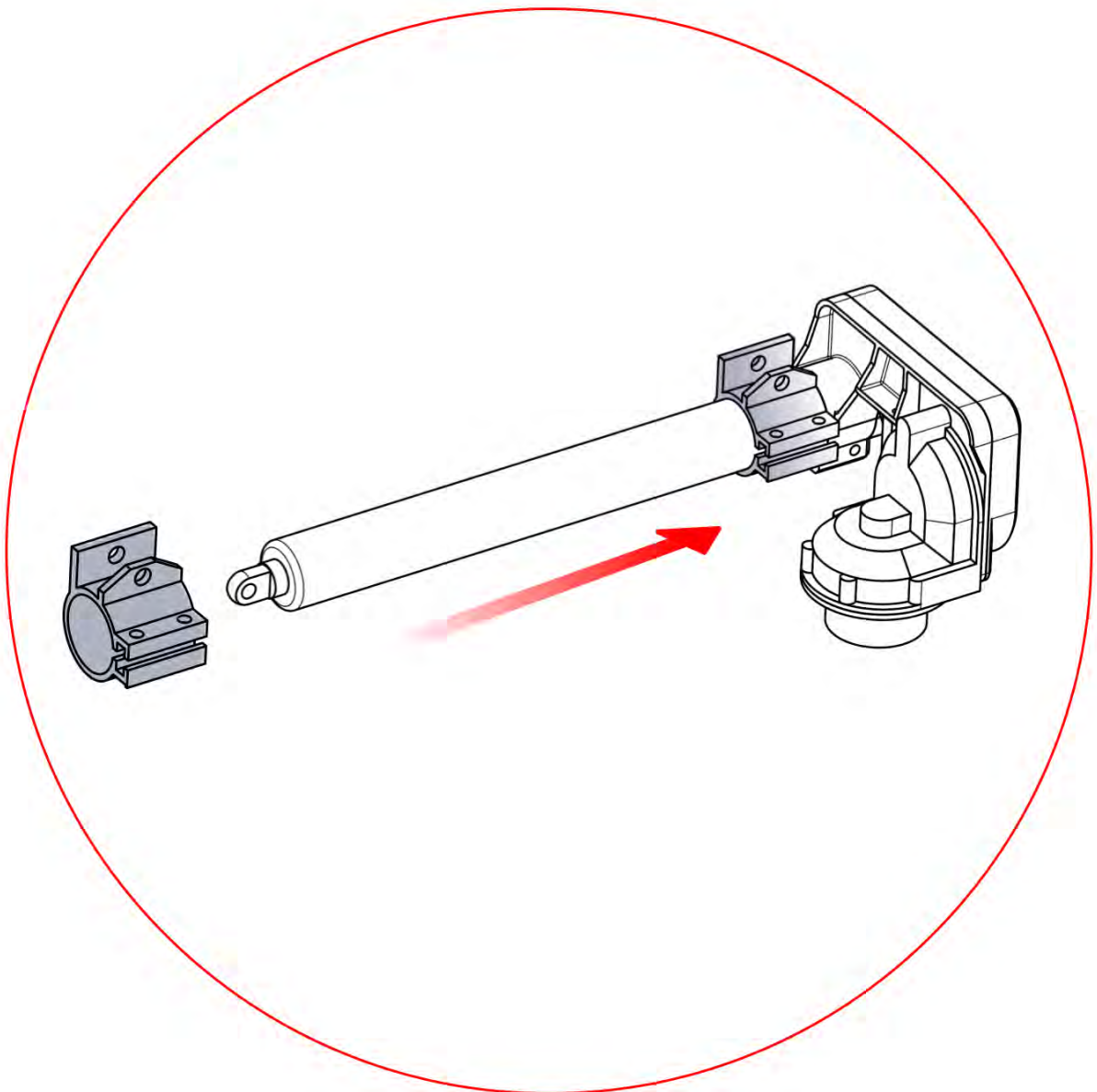
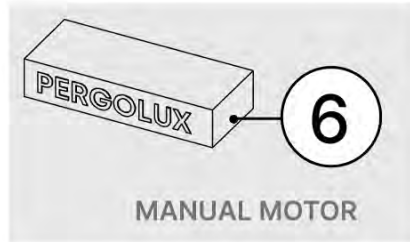


PN-200002709
4x

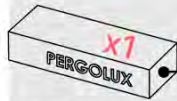
PN-200000958
4x



11



12

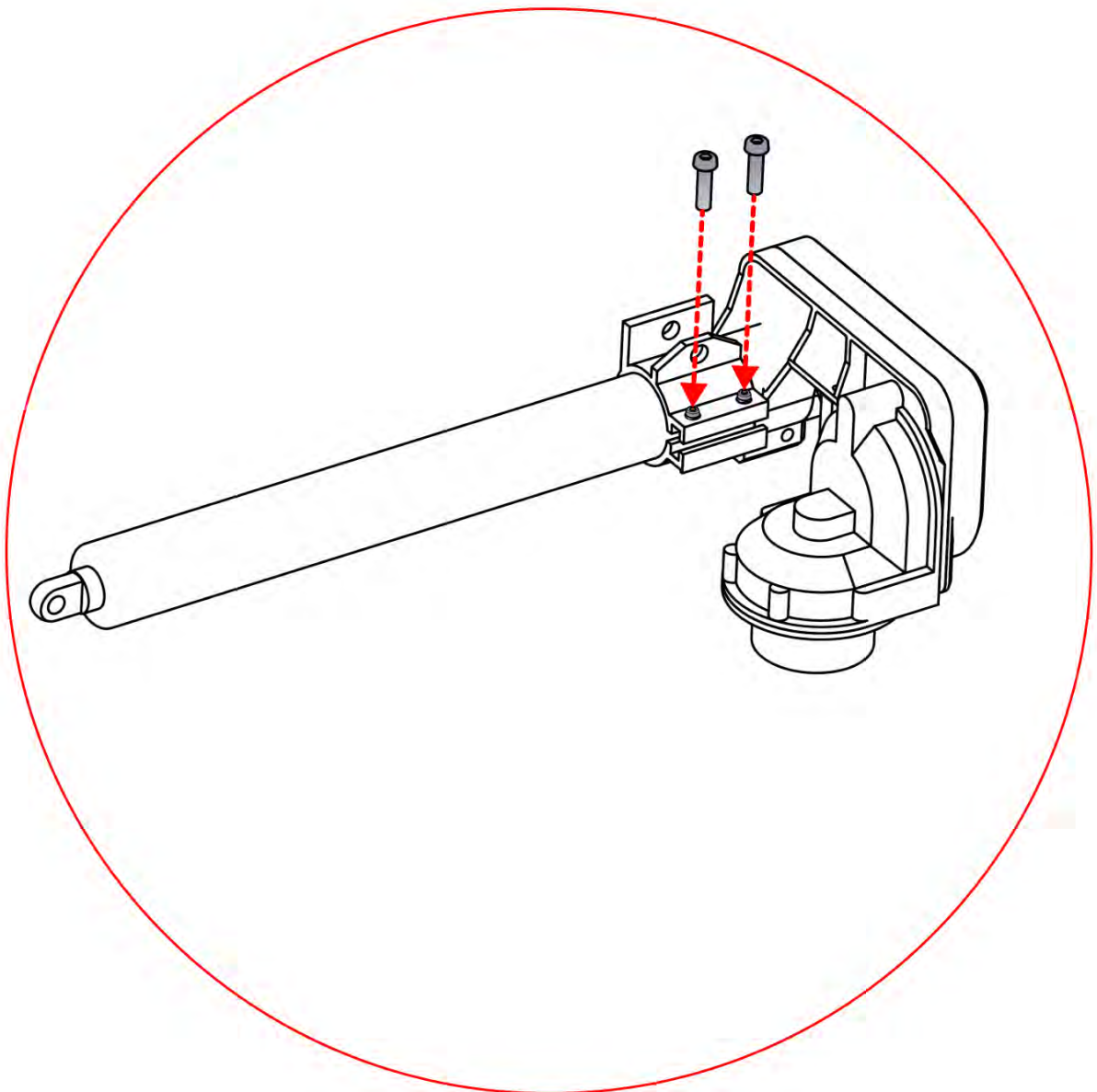


4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200001625
2x




13

4

PERGOLUX **x7**

ANTHRACITE: B188
WHITE: B194
BLACK: B191



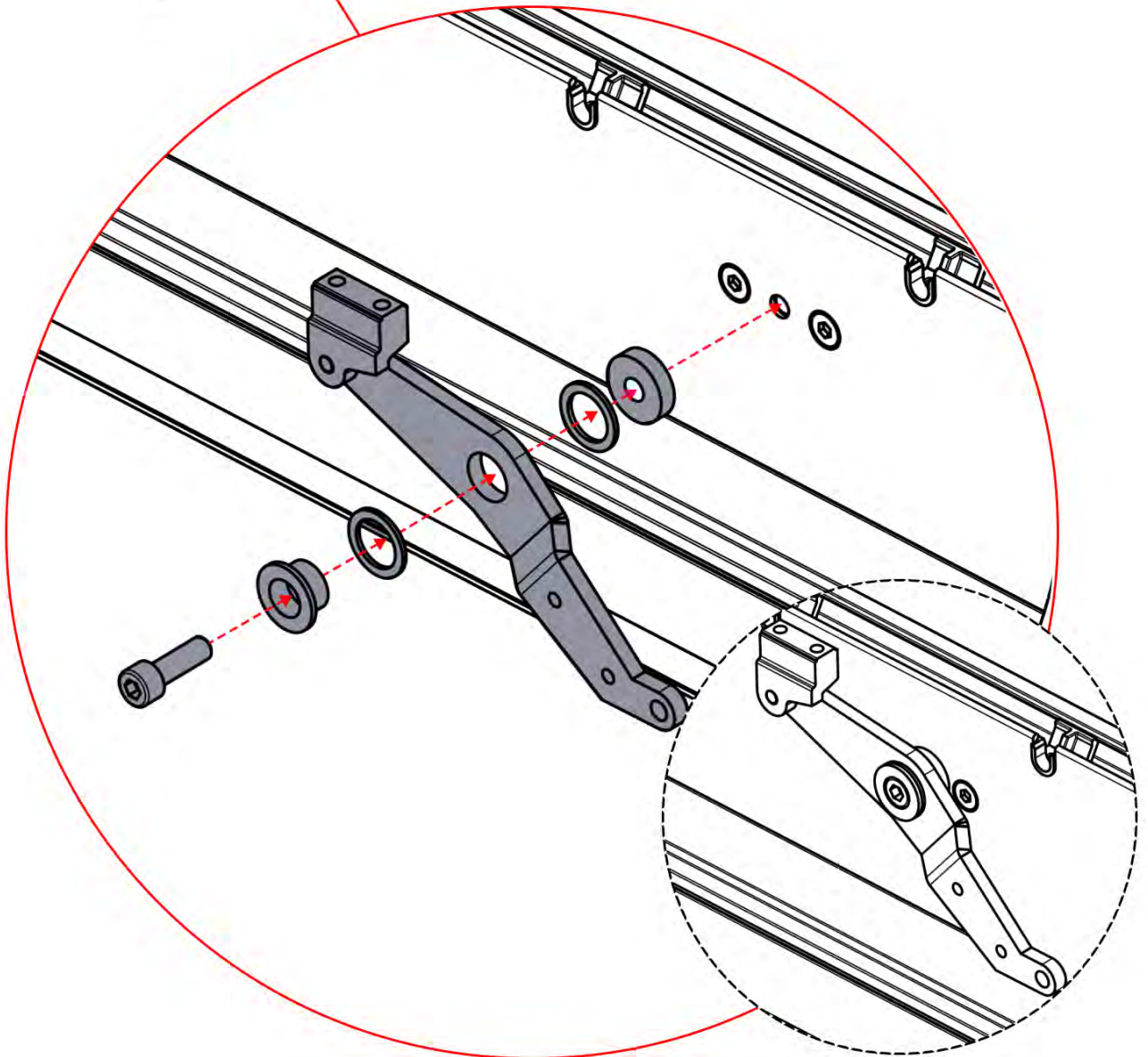
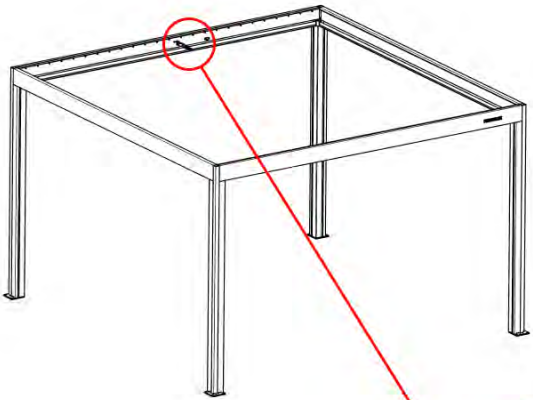
PN-200003318
2x

PN-200003317
1x

PN-200000511
2x

PN-200000502
1x

PN-200000561
1x

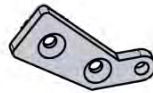


14



4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200003367
1x



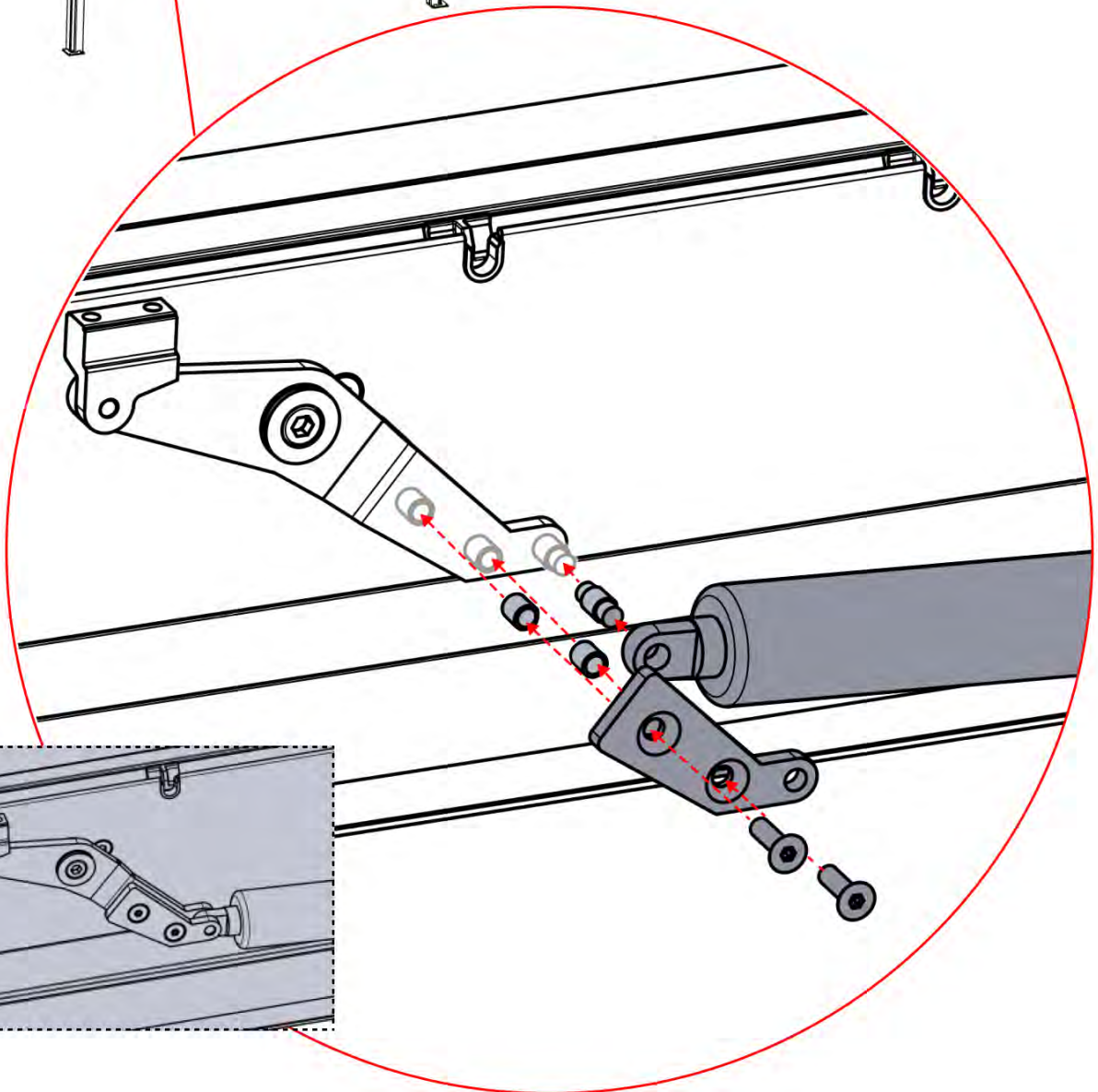
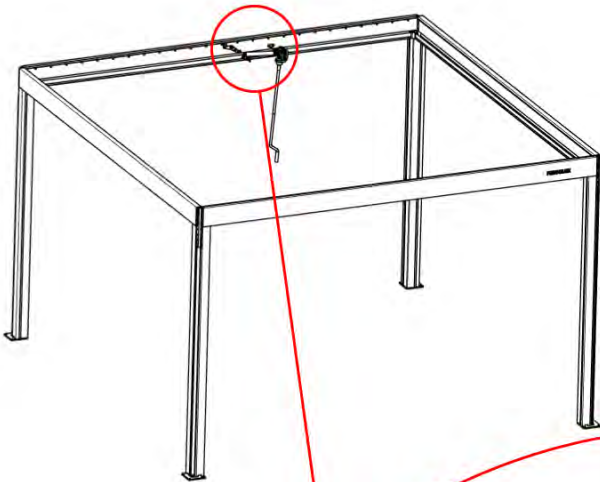
PN-200000853
2x



PN-200003370
1x



PN-200003368
2x



15

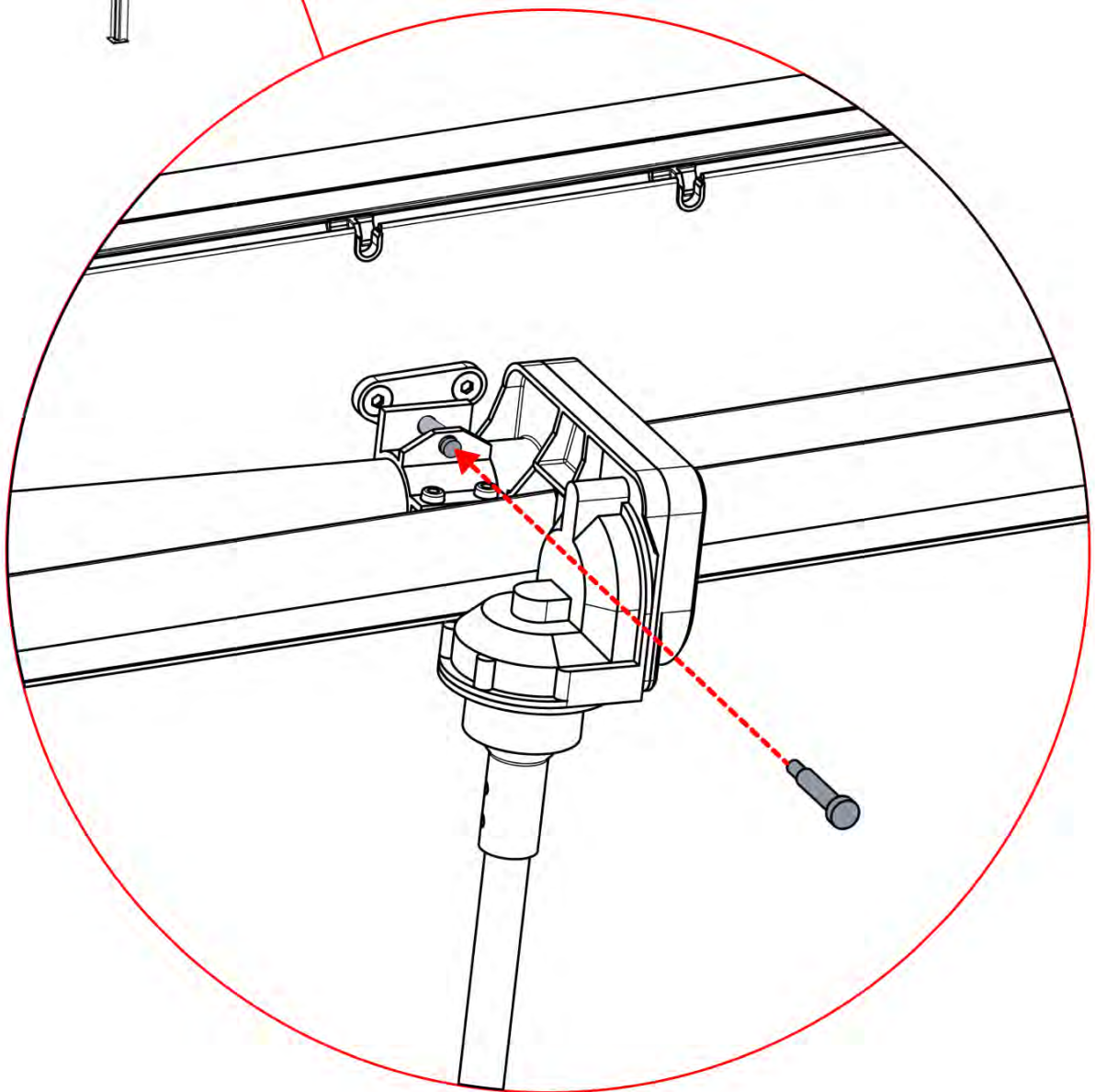
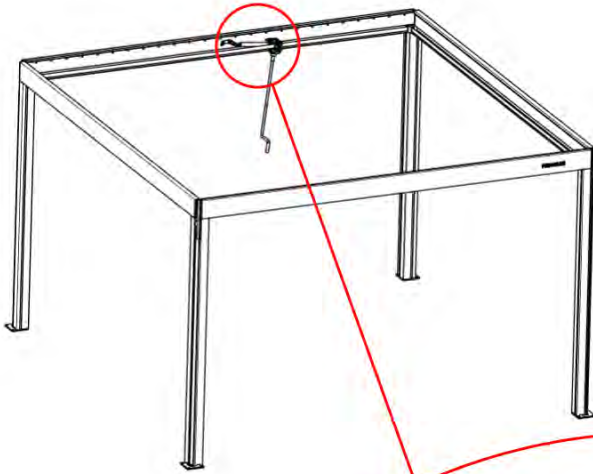
x7
PERGOLUX

4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



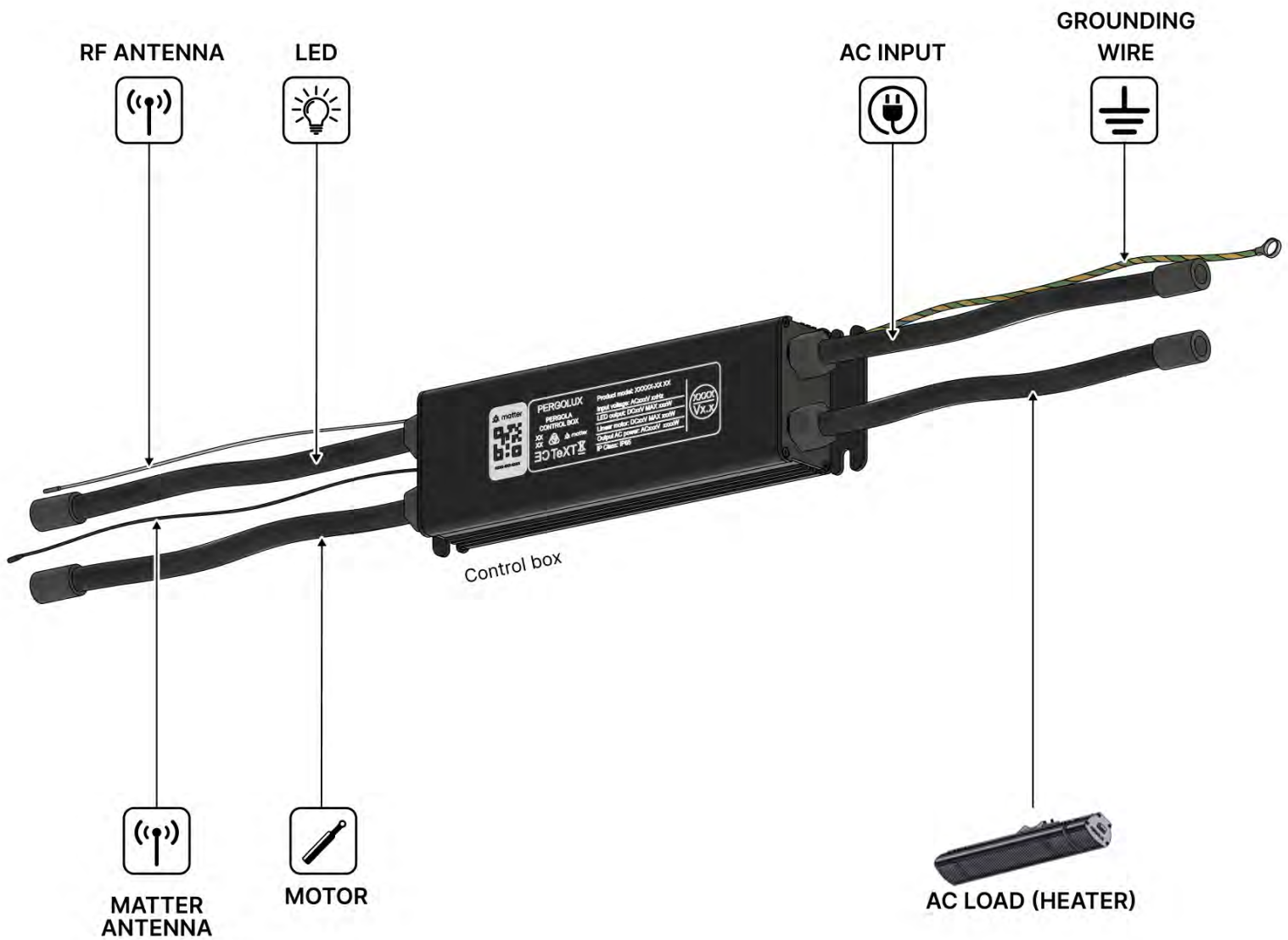
PN-200001624
1x



INPUTS AND OUTPUTS

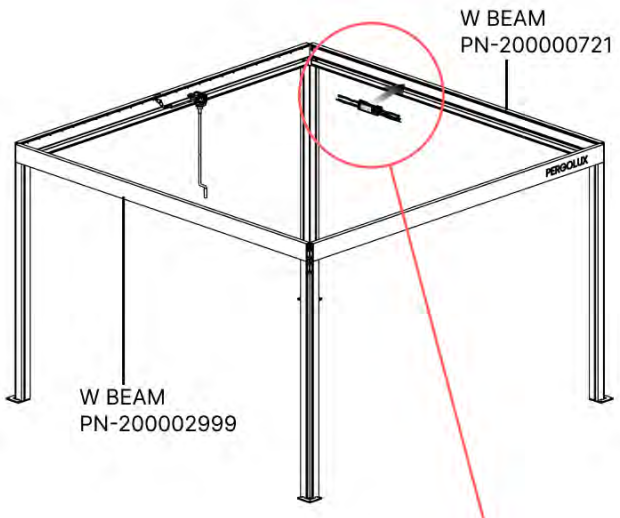
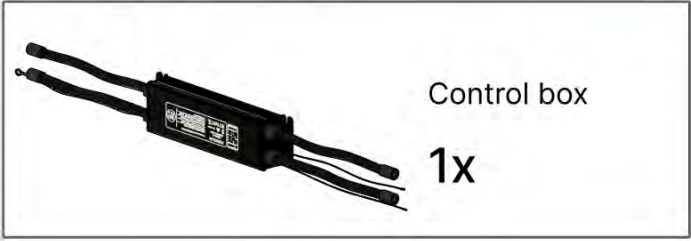
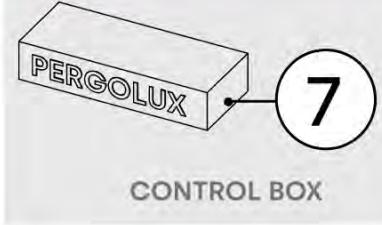


** Only if you ordered LED lights to your pergola.

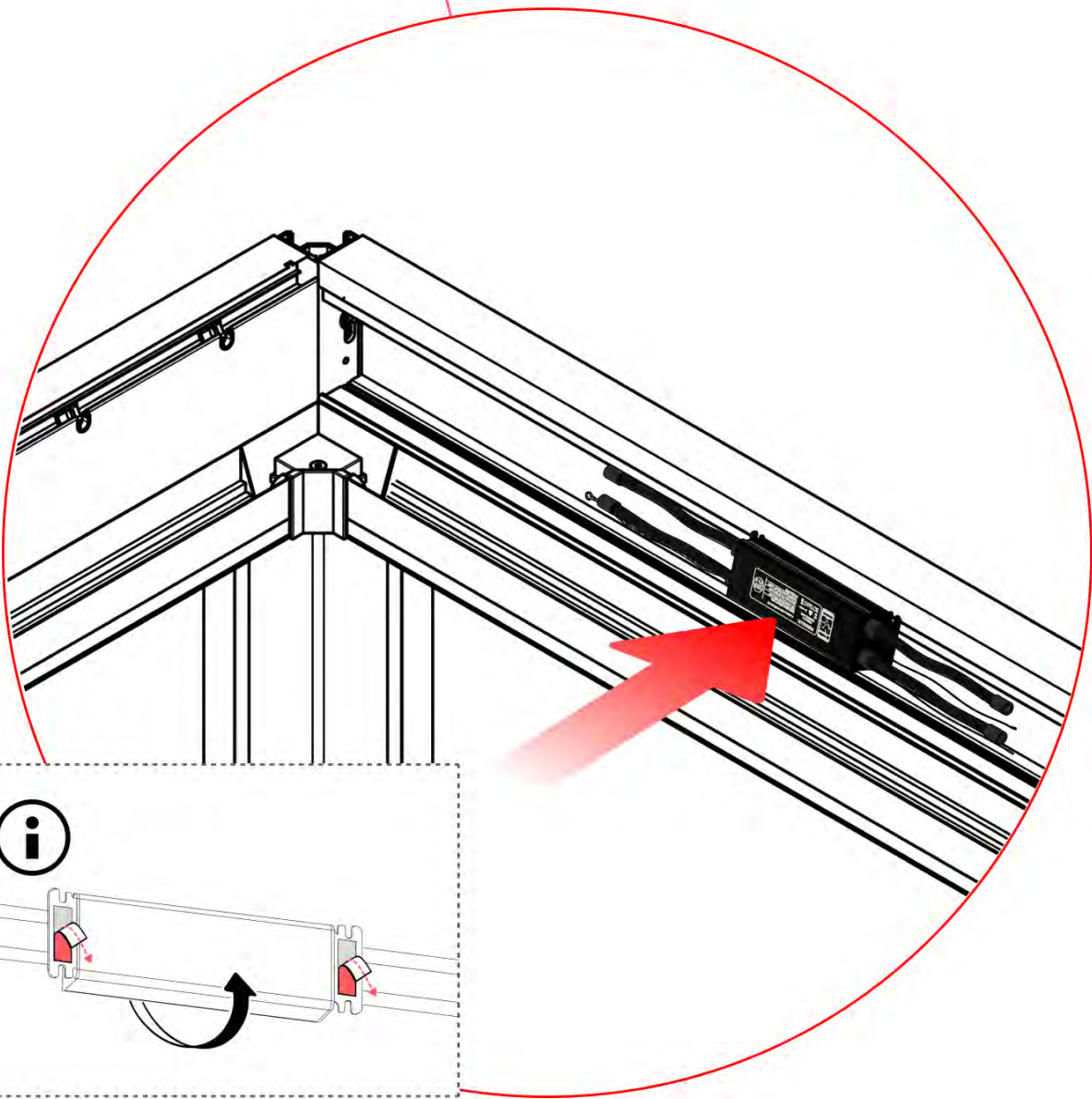


! ** Only if you ordered LED lights to your pergola.

16



!
Control Box can be
installed on
Preferred W BEAM





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

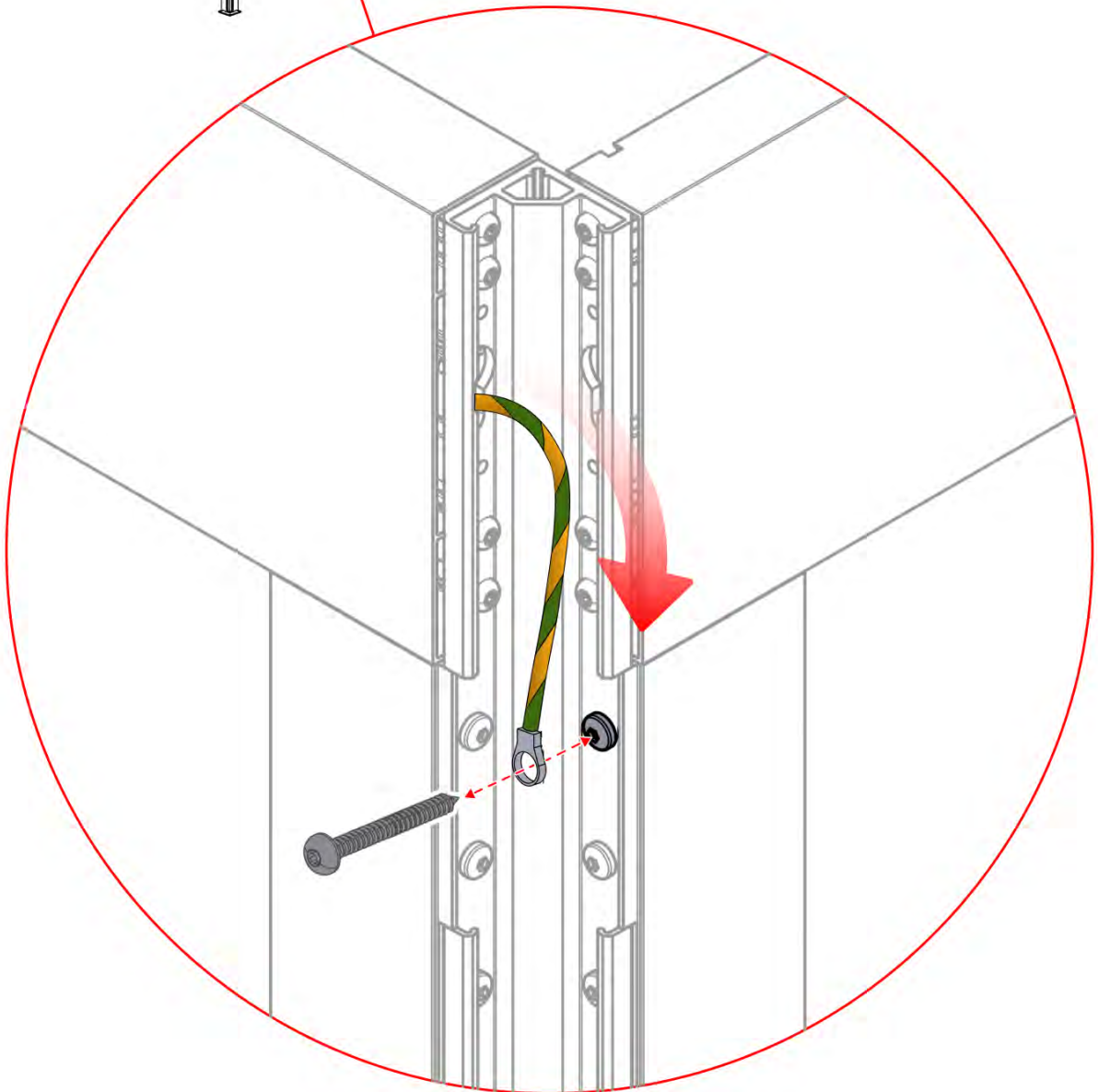
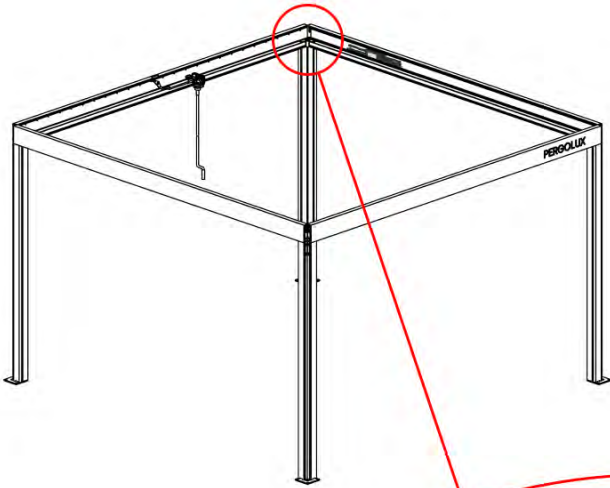
17



Connect grounding wire before connecting to power!



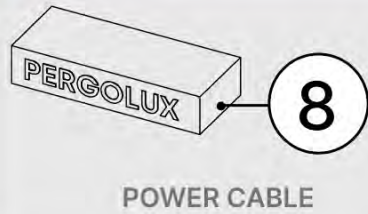
GROUNDING



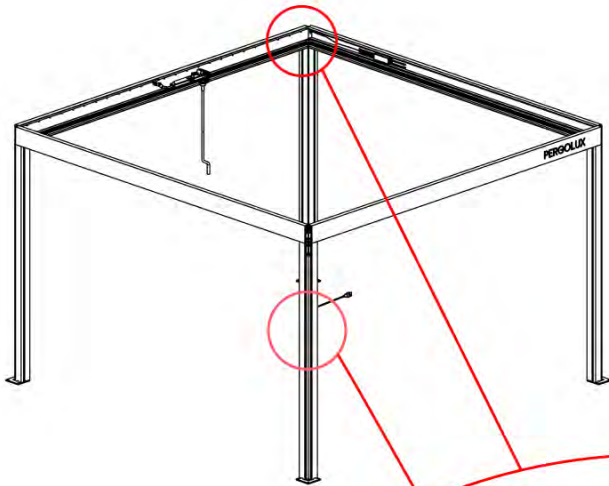


**** Only if you ordered LED lights to your pergola.**

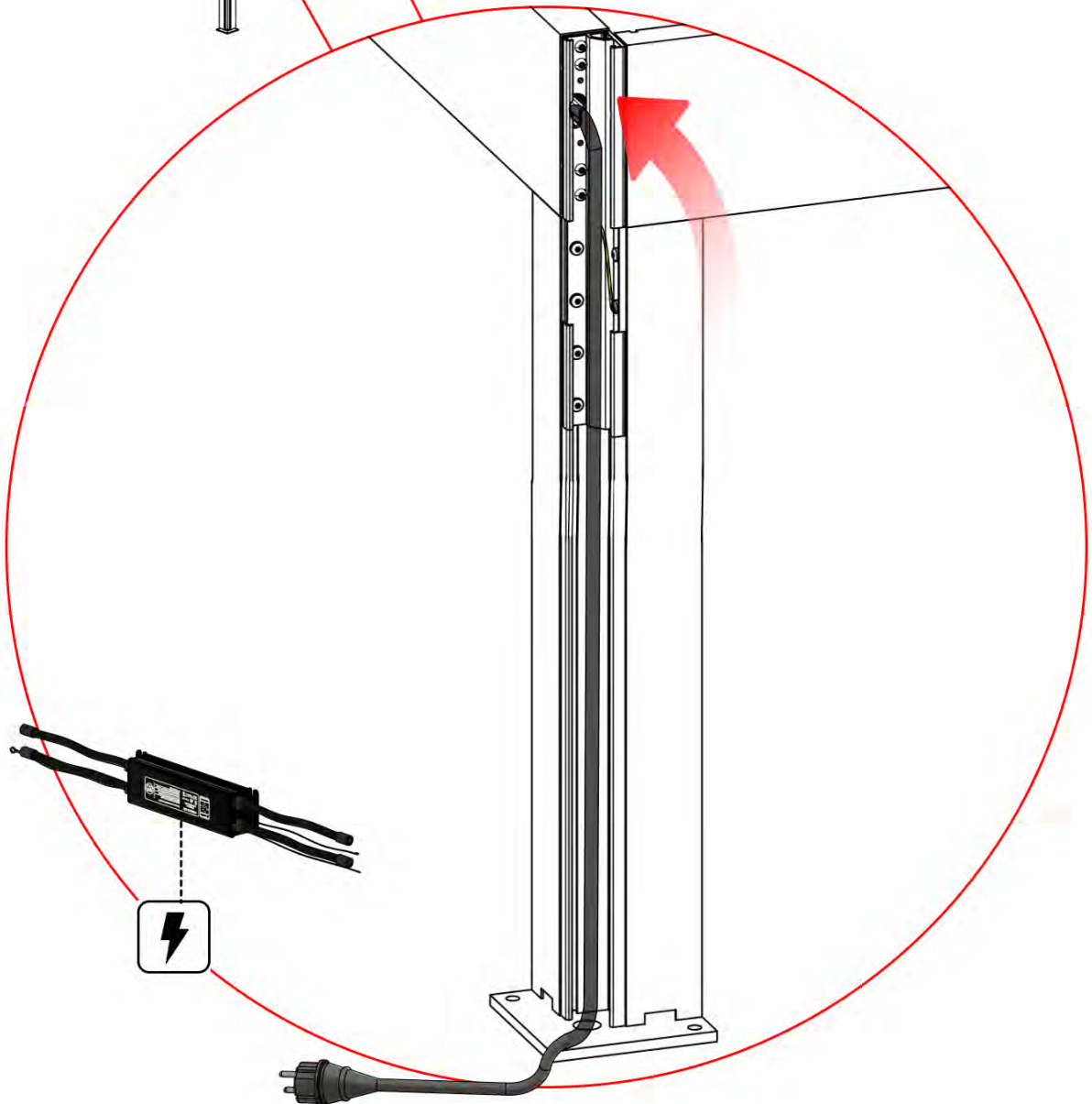
18



Power cable
PN-200003781
1x



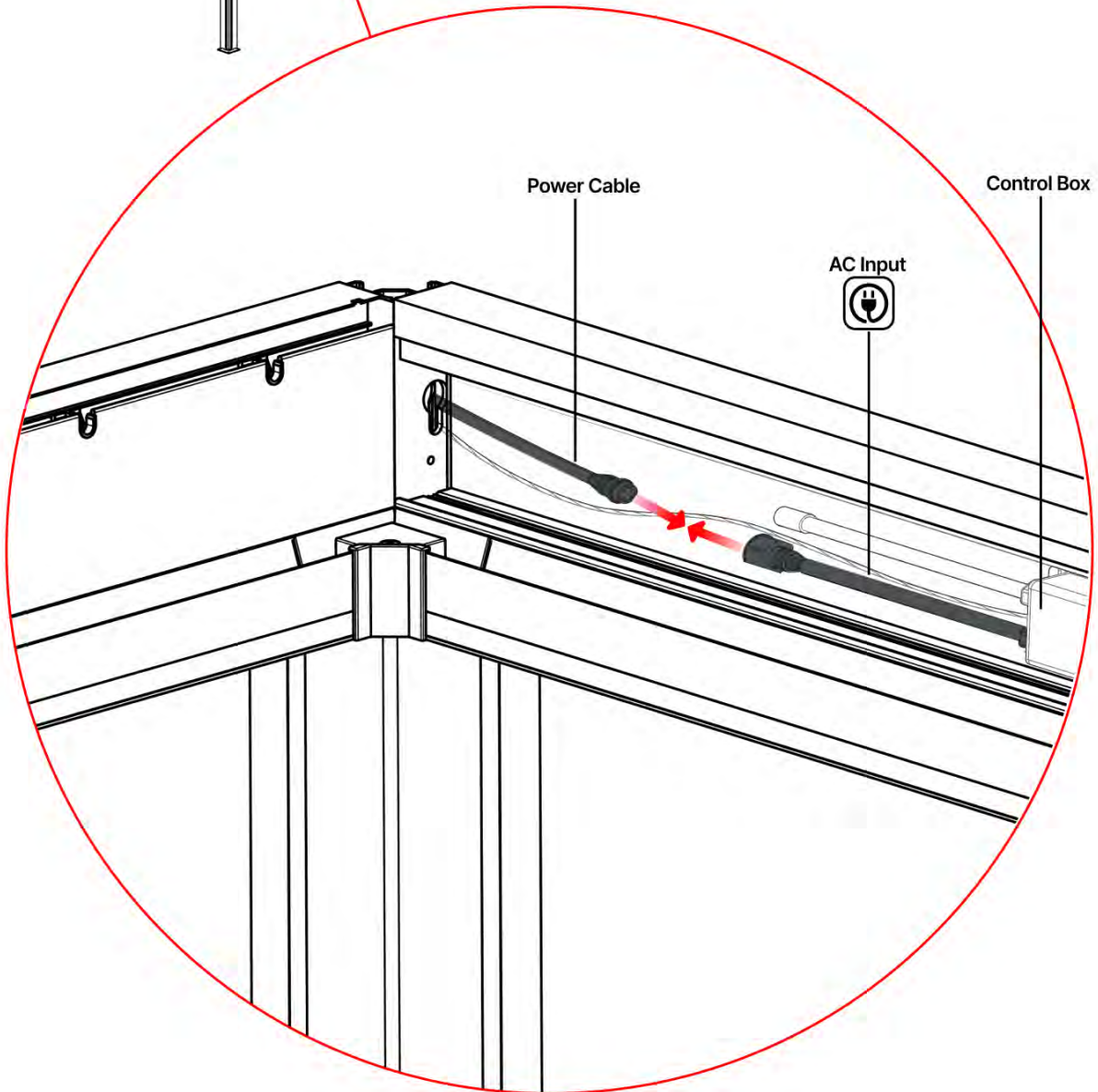
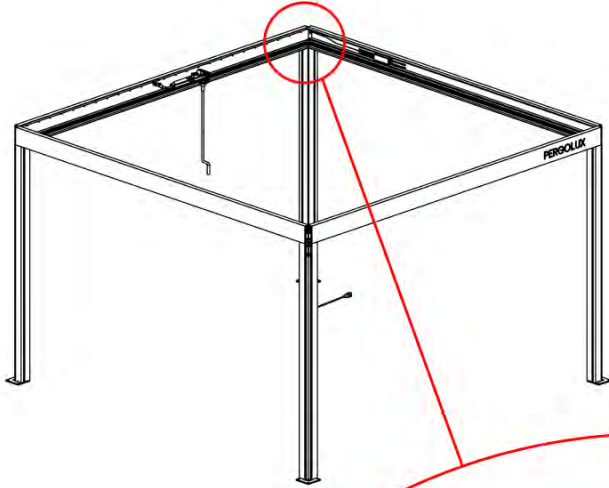
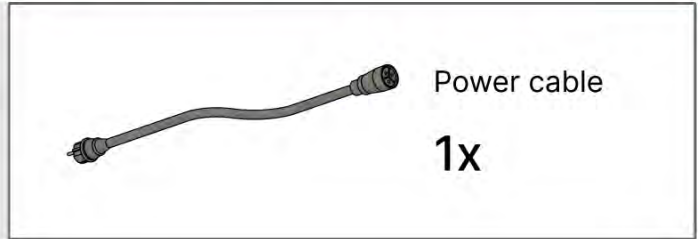
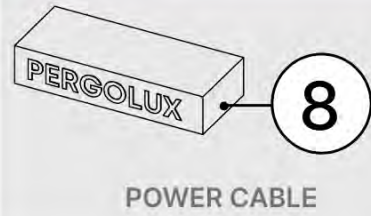
Power Cable can be
routed through all
the Poles.





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

19





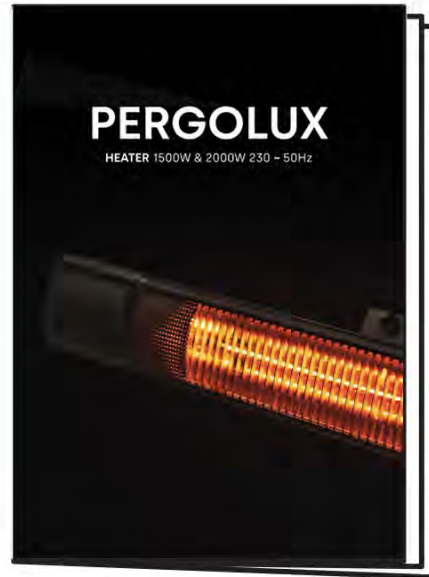
** Only if you ordered LED lights to your pergola.

20

1

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

Follow the instructions in the heater assembly manual.



2

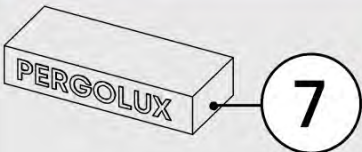
It's time to connect the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.



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


21




PERGOLUX CONTROL BOX

!
Keep the Matter Antenna wire free and do not tie them with LED and Motor wire

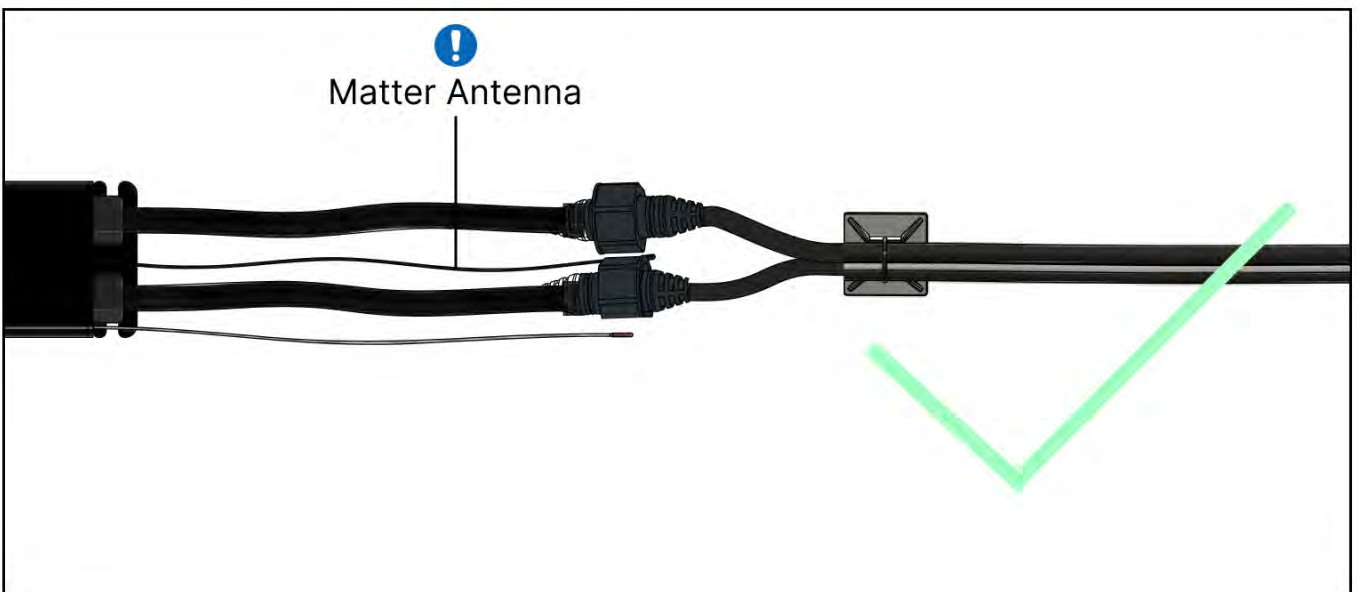
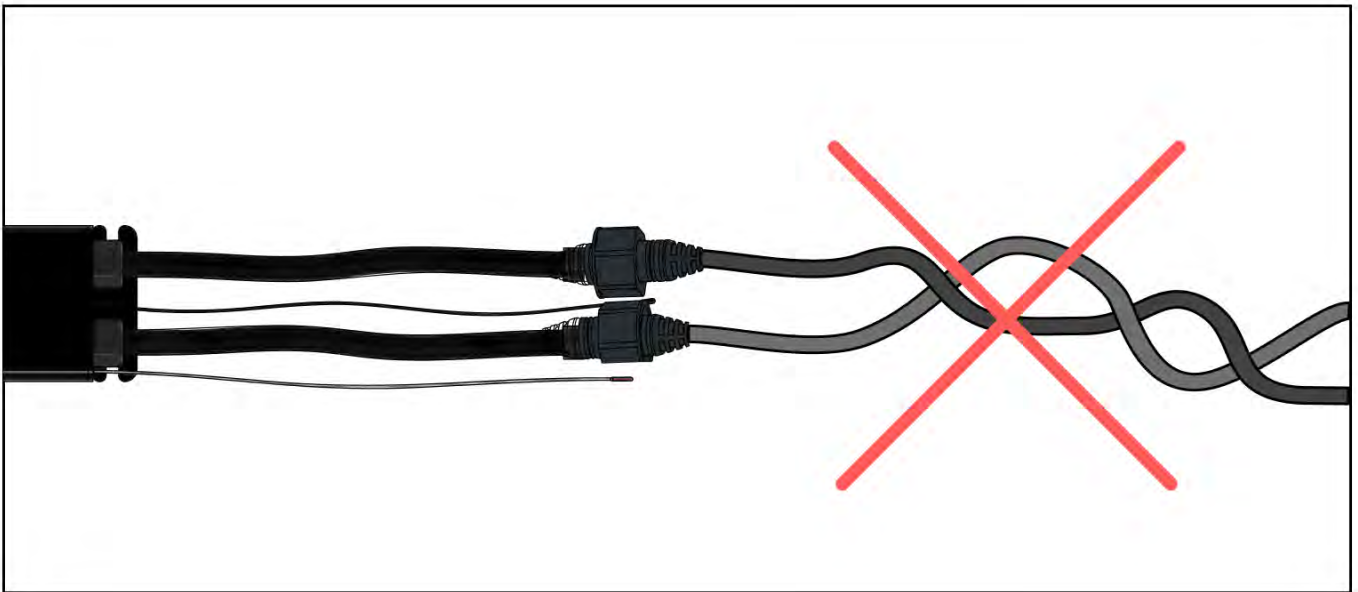
S4



PN-200002683
5x



PN-200002684
10x



22



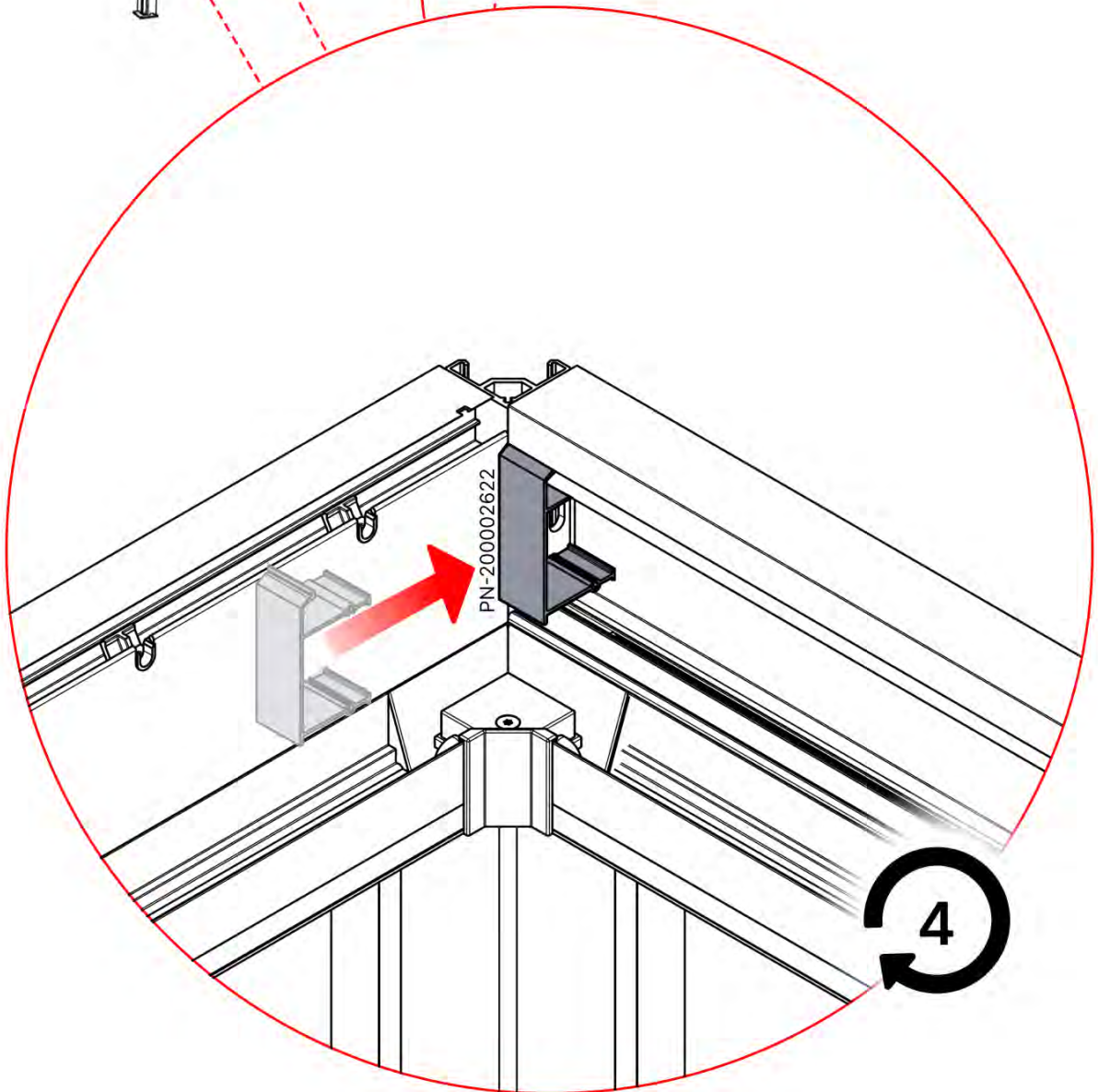
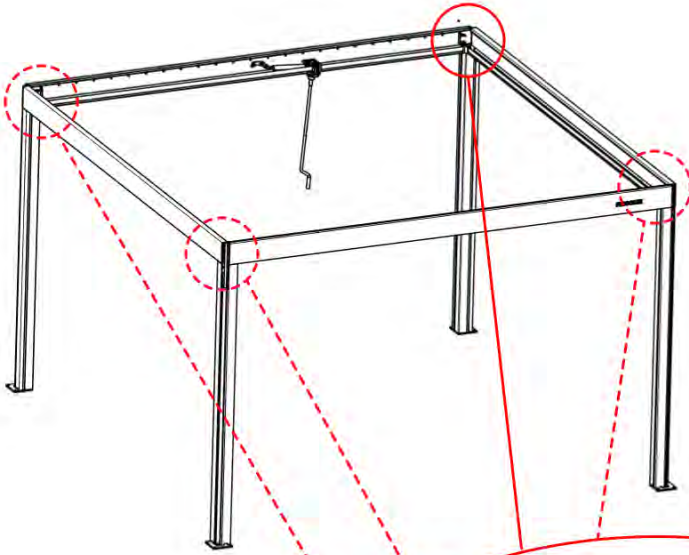
4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200002622

4x

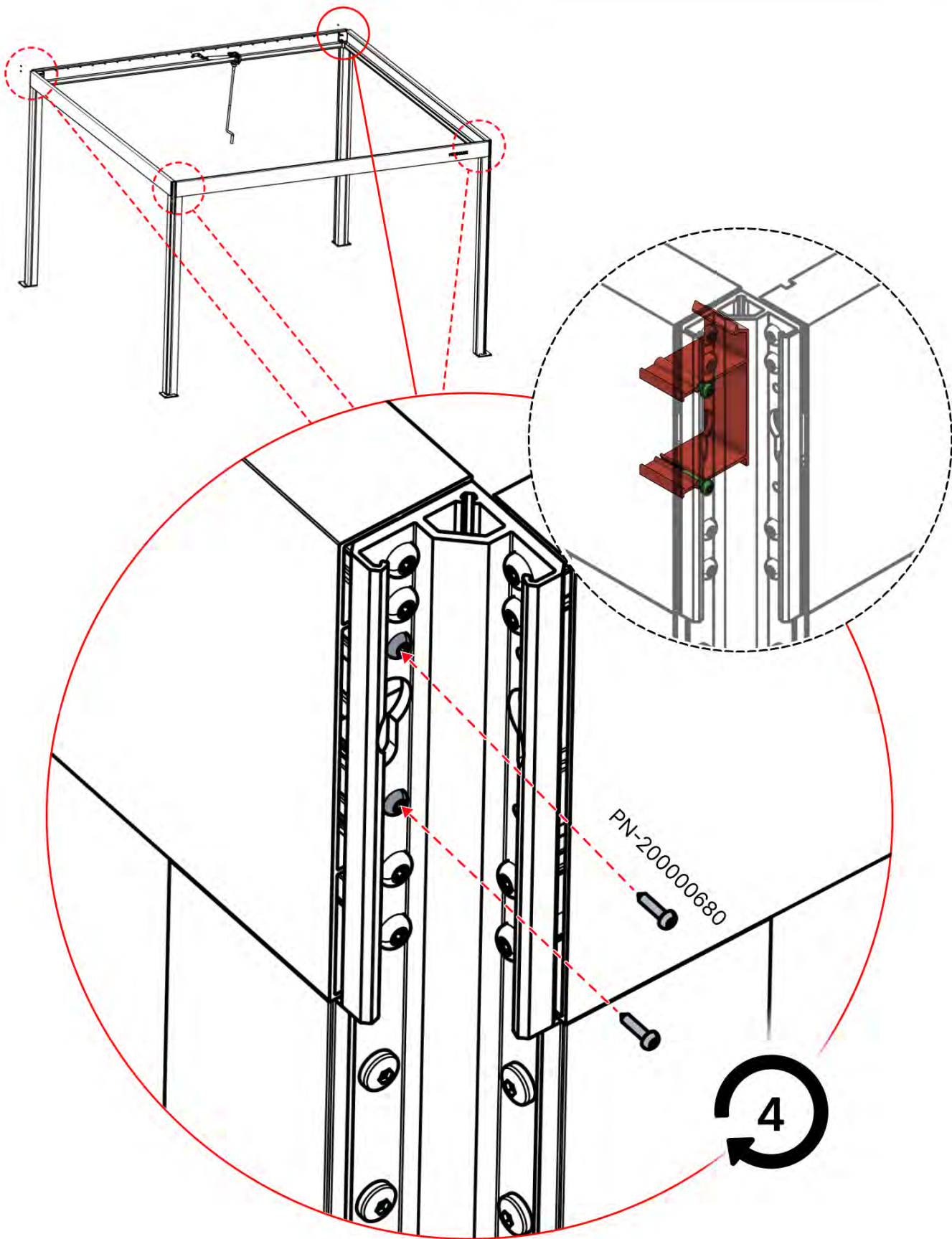


23

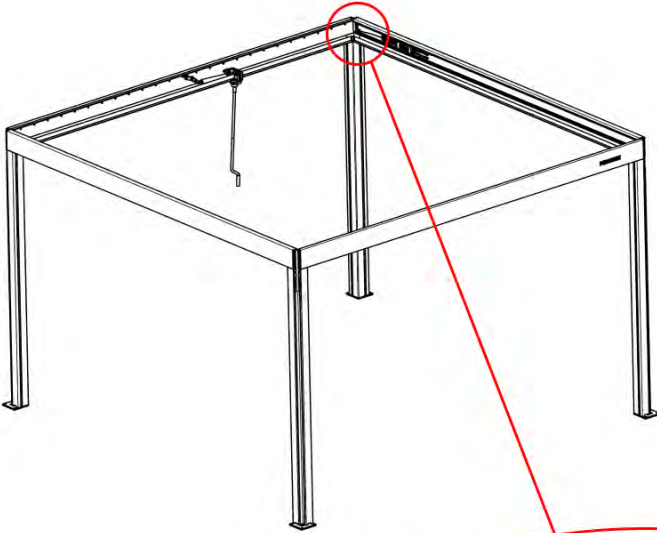



4

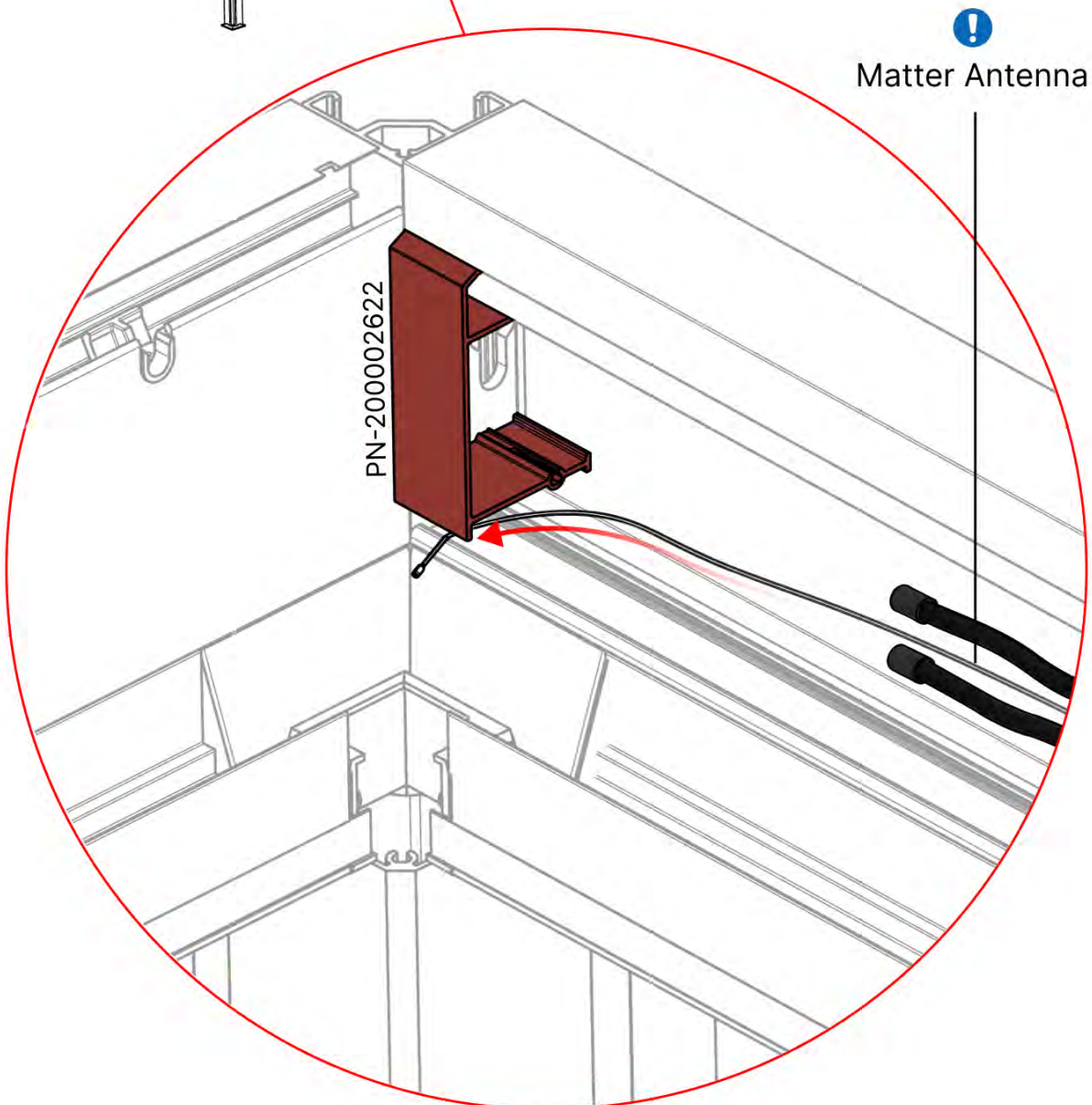
ANTHRACITE: B188
WHITE: B194
BLACK: B191



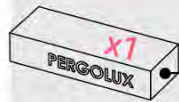
24




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

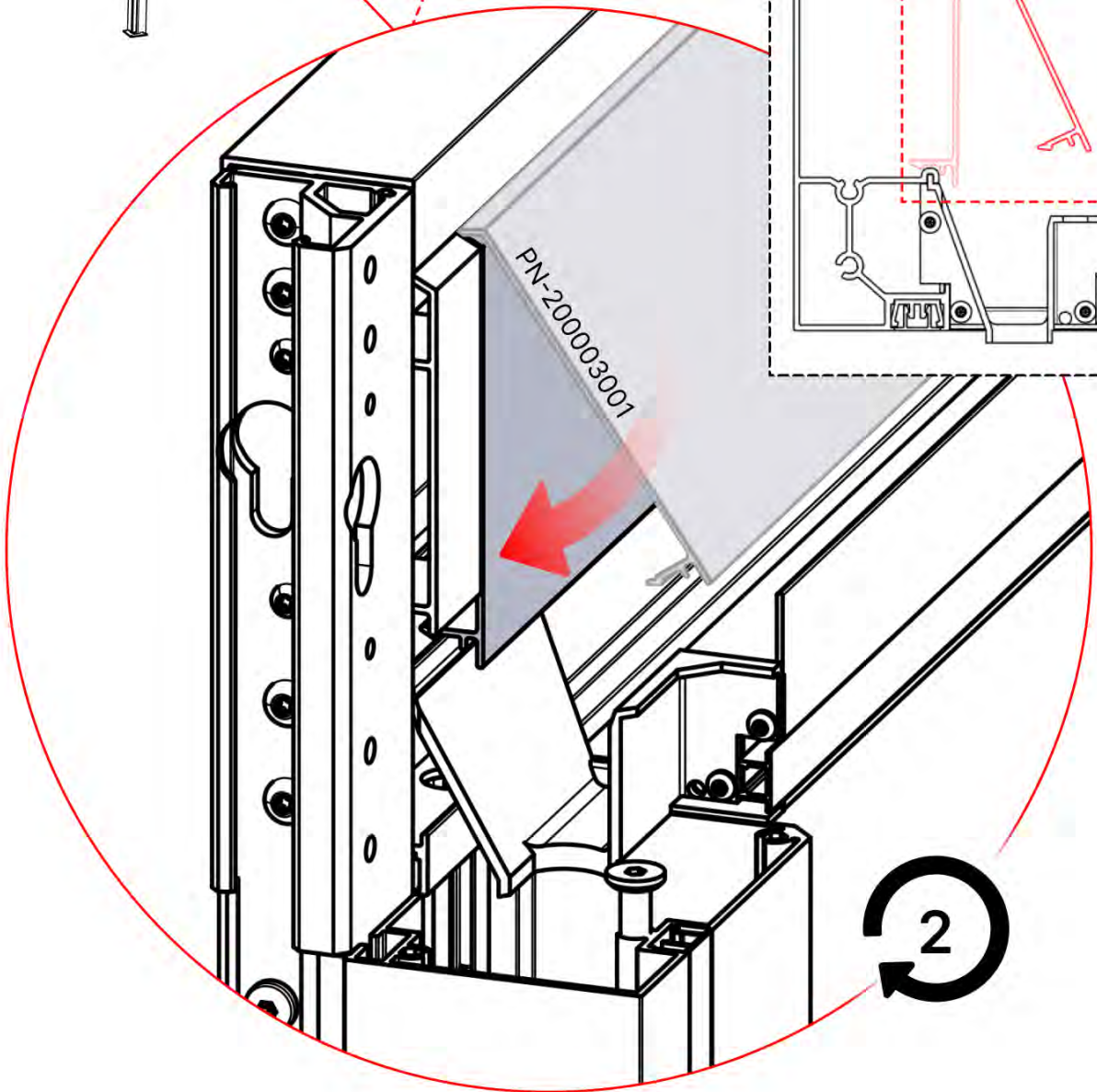
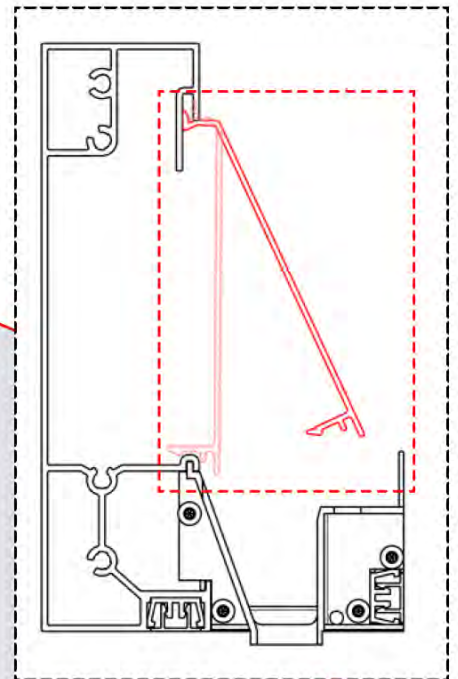
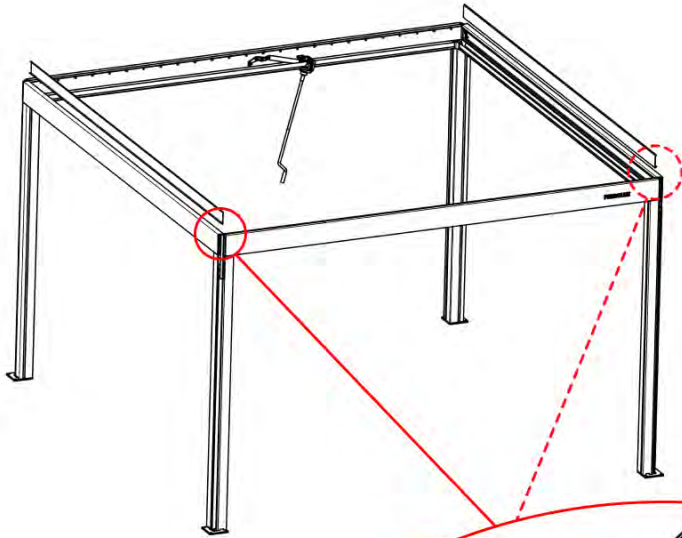
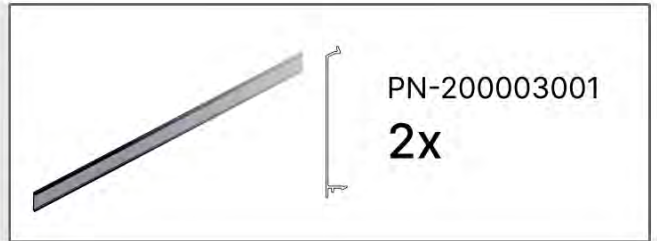


25

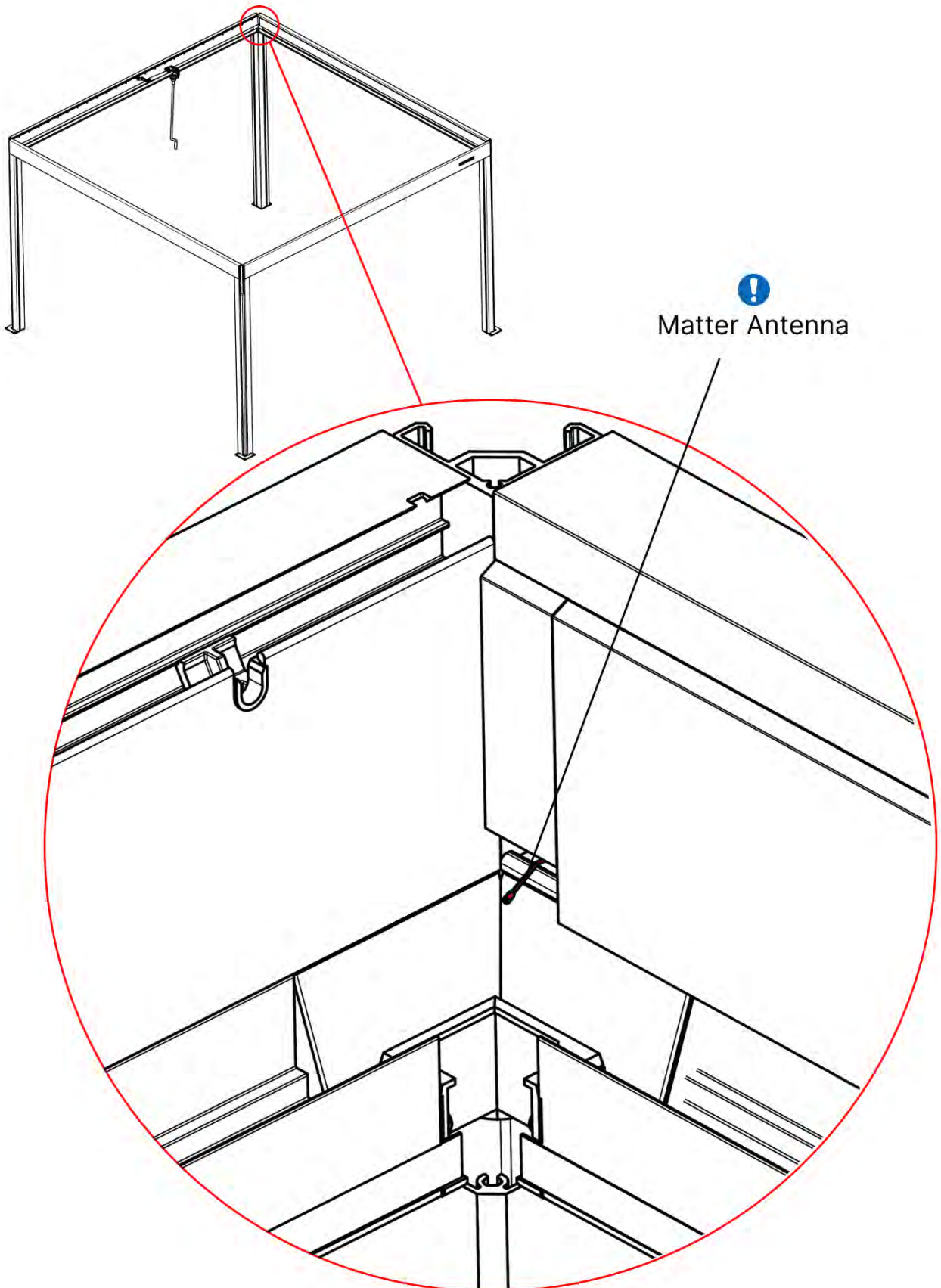


3

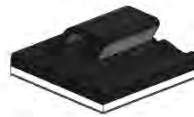
ANTHRACITE: B209
WHITE: B213
BLACK: B211



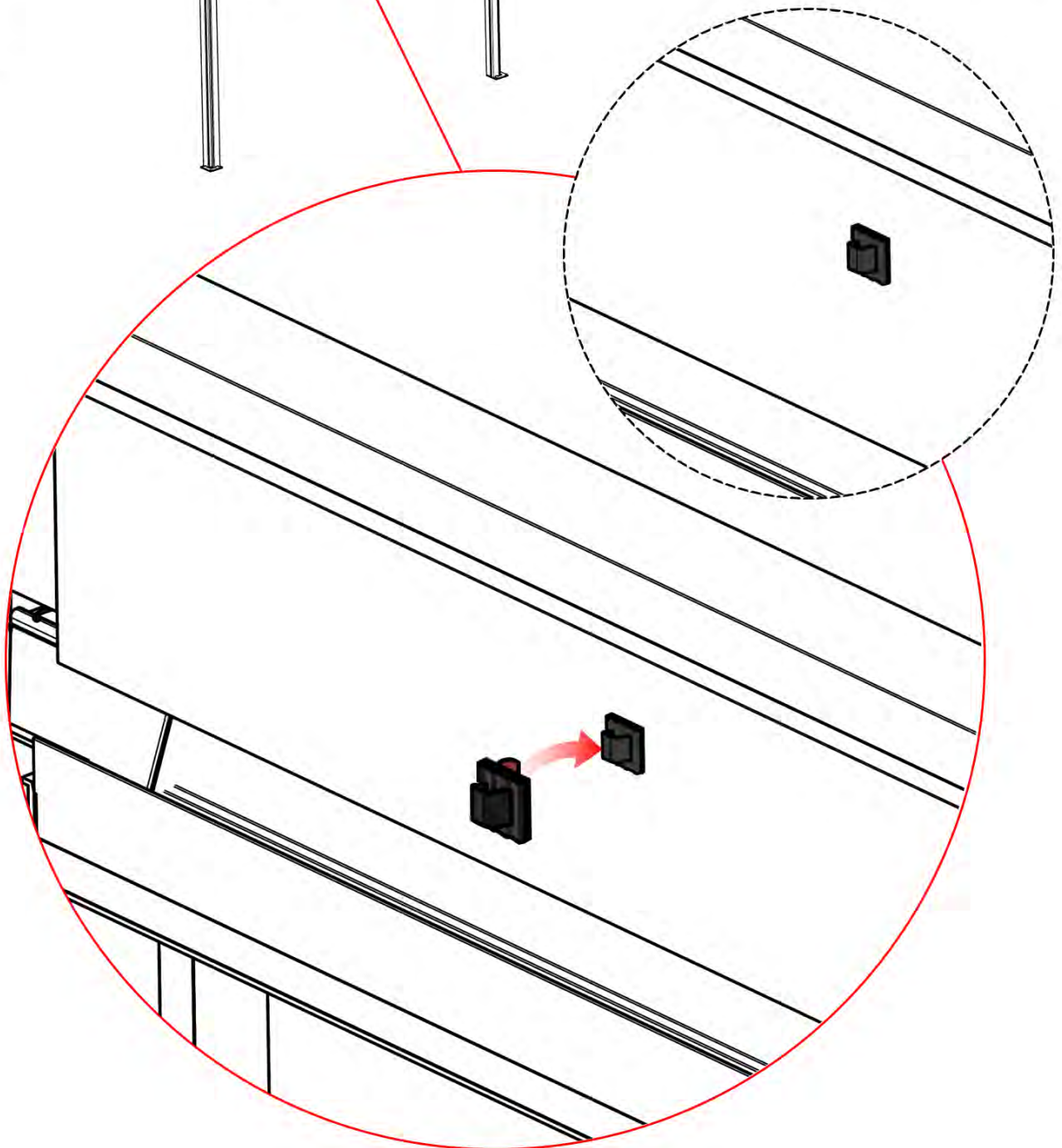
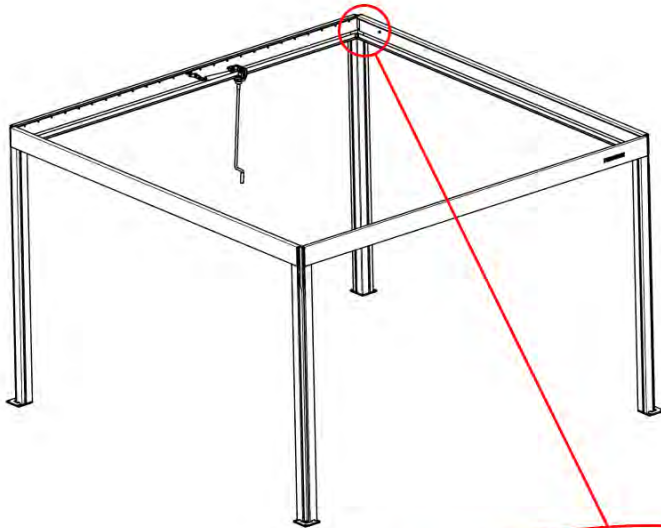
INFORMATION

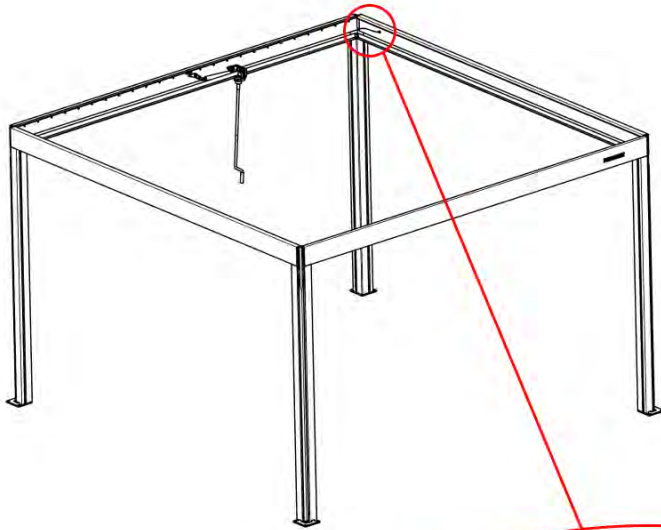


26

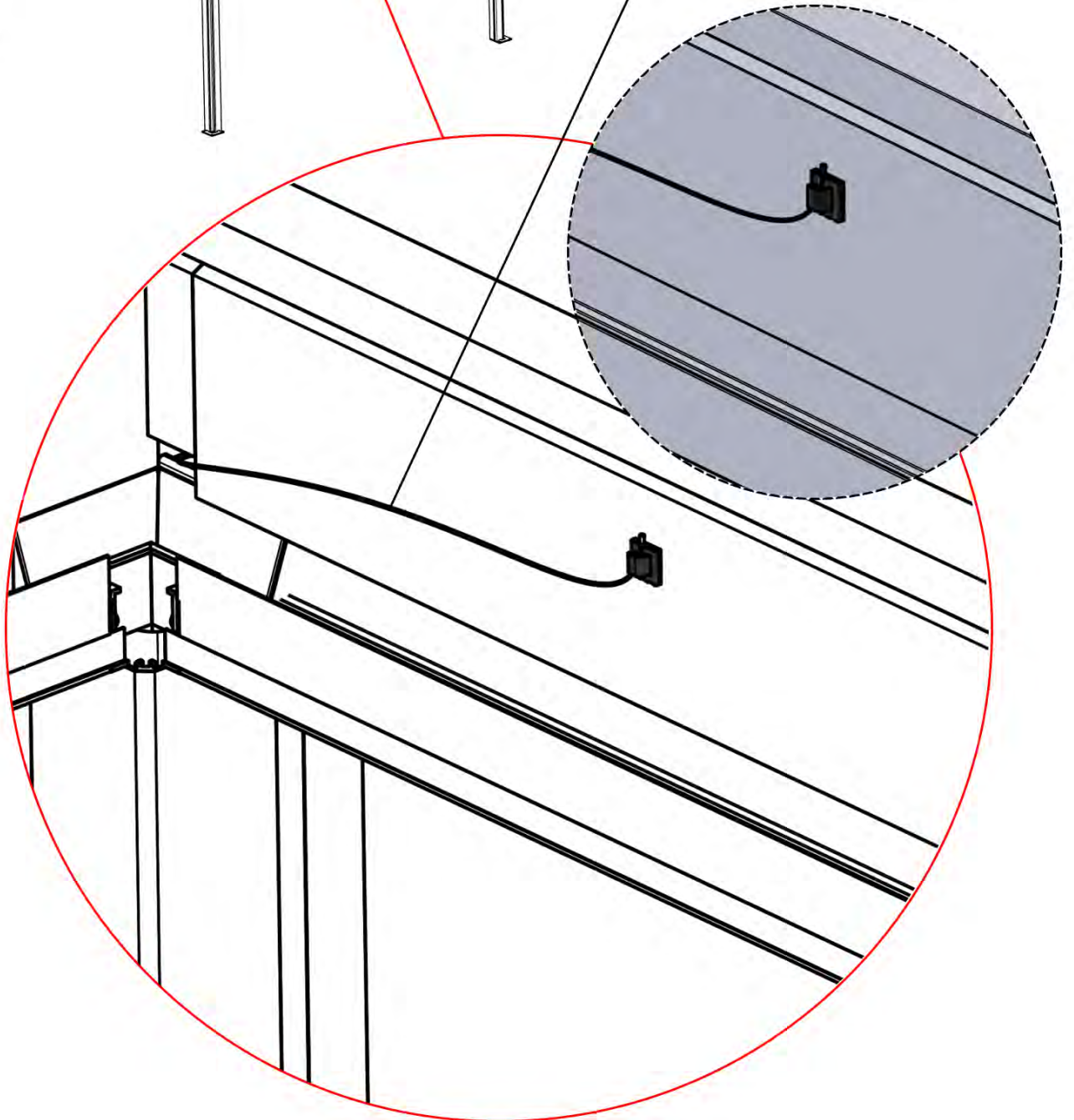


Matter Antenna Clip
1x

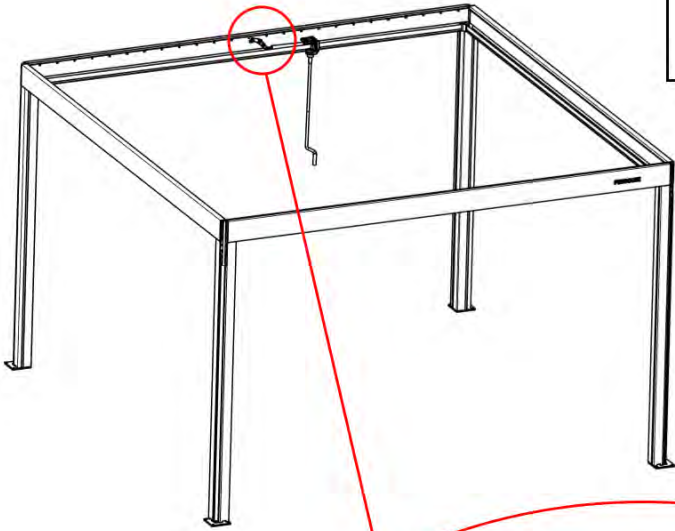
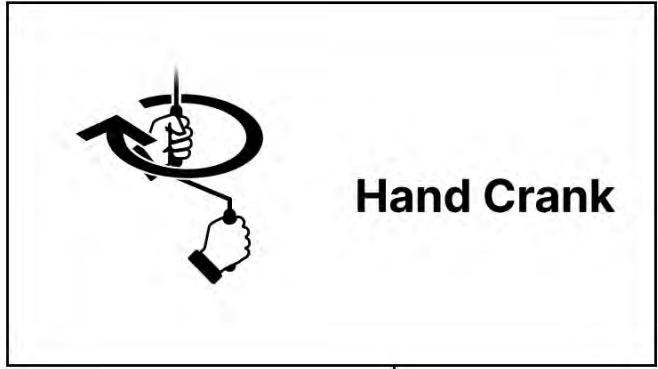




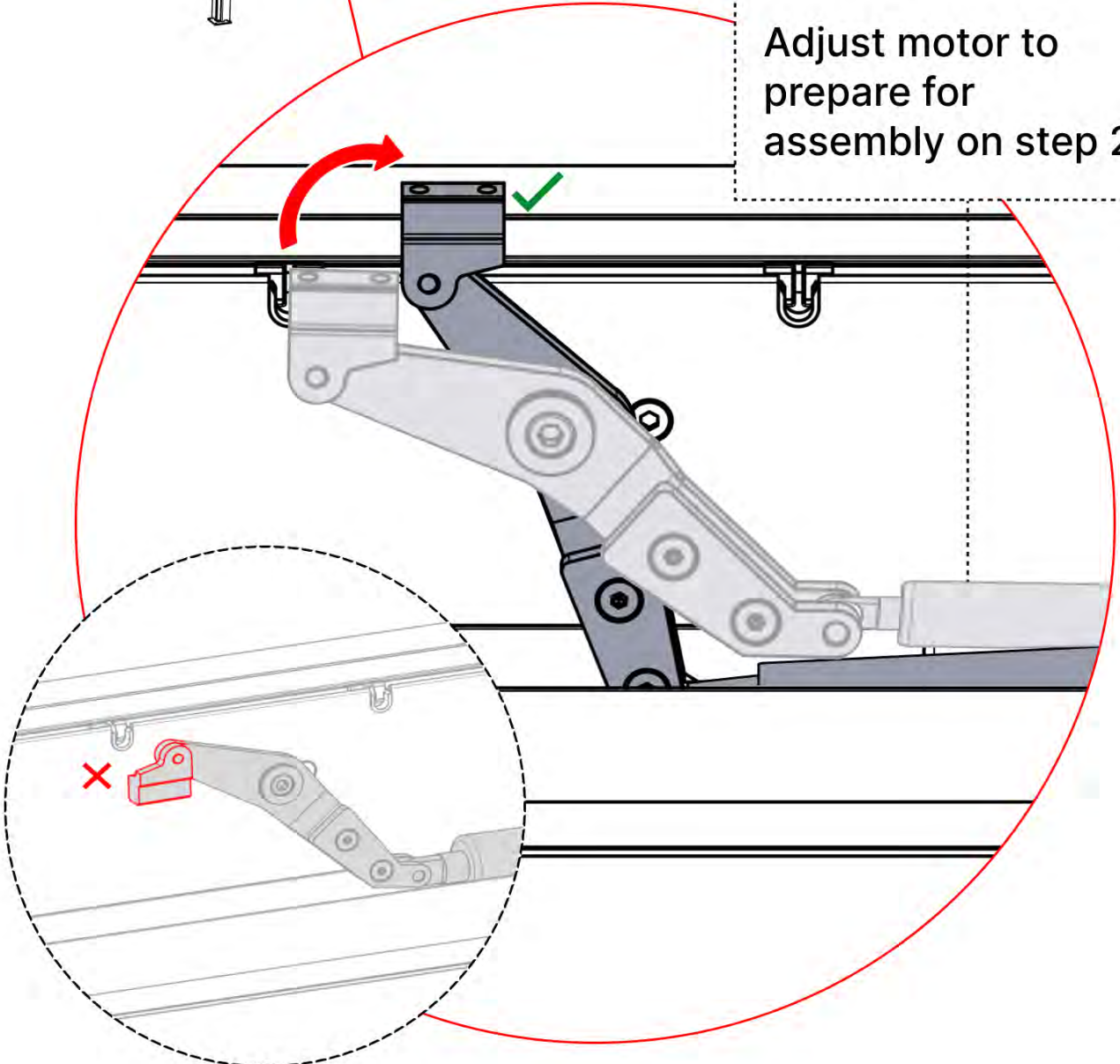
Matter Antenna



28



i
Adjust motor to prepare for assembly on step 29

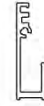


29



4

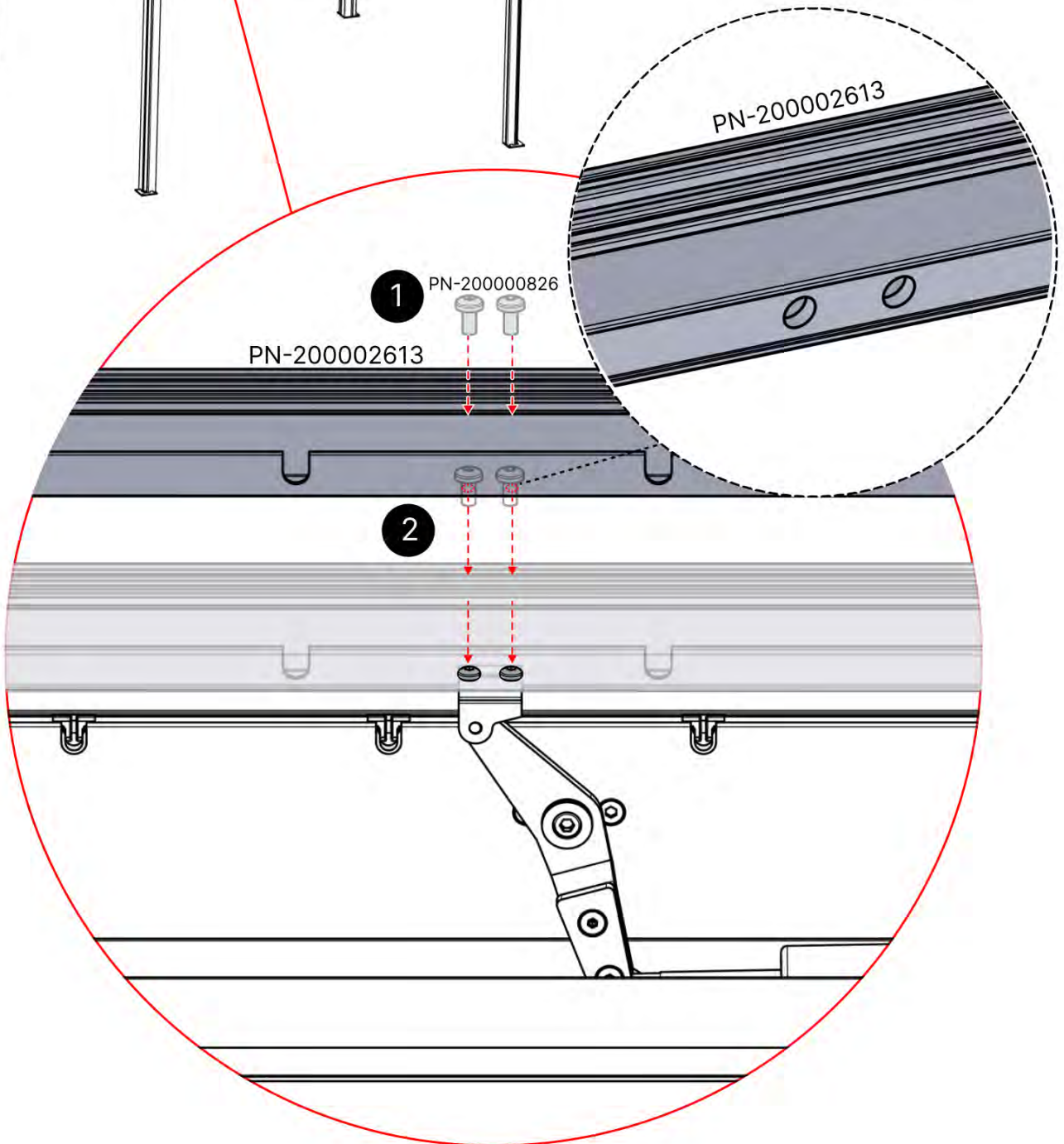
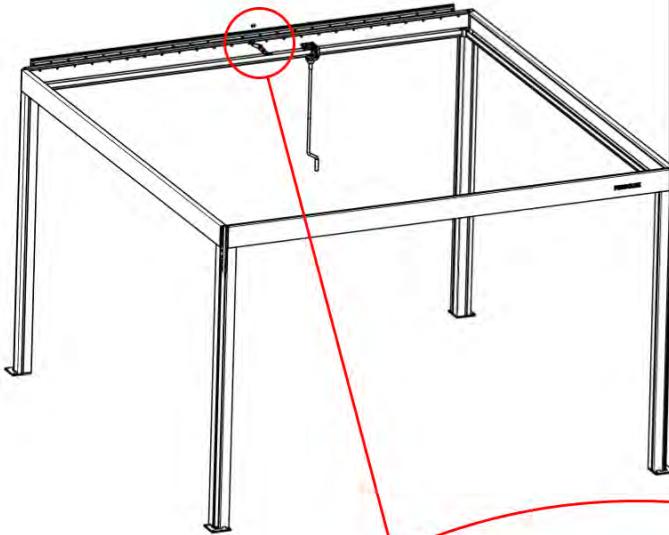
ANTHRACITE: B188
WHITE: B194
BLACK: B191



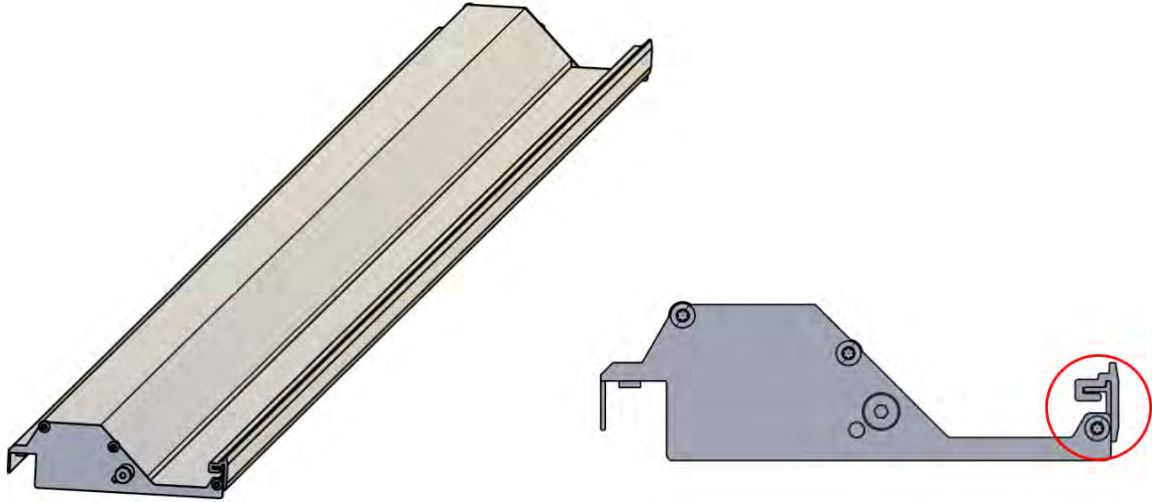
PN-200002613
1x



PN-200000826
2x



PERGOLA LOUVERS



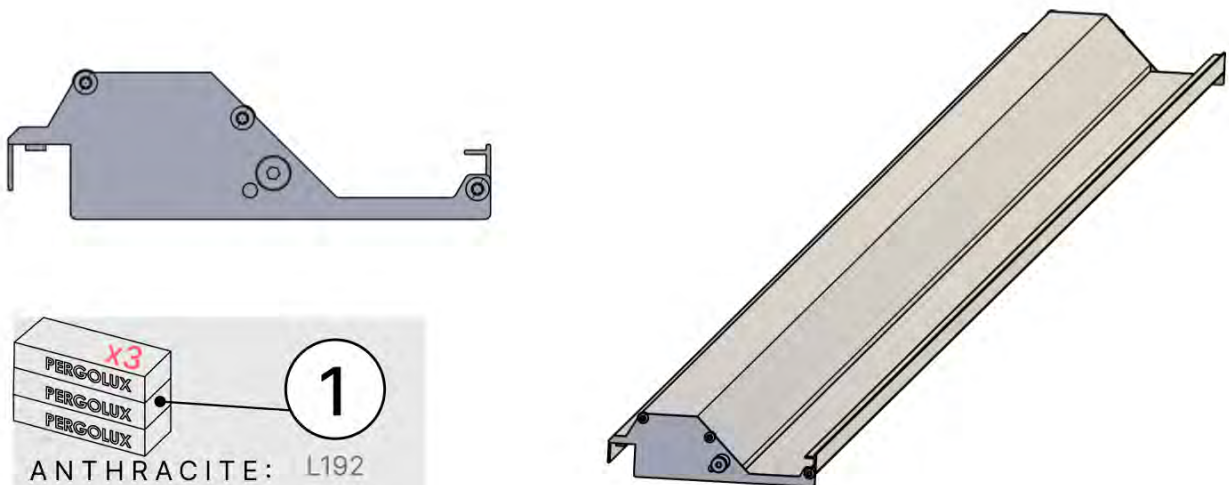
x7
PERGOLUX

2

ANTHRACITE: B204
WHITE: B208
BLACK: B206

P.PERGOLA 4M FS END LOUVER
PN-200003003

1x



x3
PERGOLUX
PERGOLUX
PERGOLUX

1

ANTHRACITE: L192
WHITE: L196
BLACK: L194

P.PERGOLA 4M FS LOUVER
PN-200003004

x1
PERGOLUX

2

ANTHRACITE: B204
WHITE: B208
BLACK: B206


24x

30

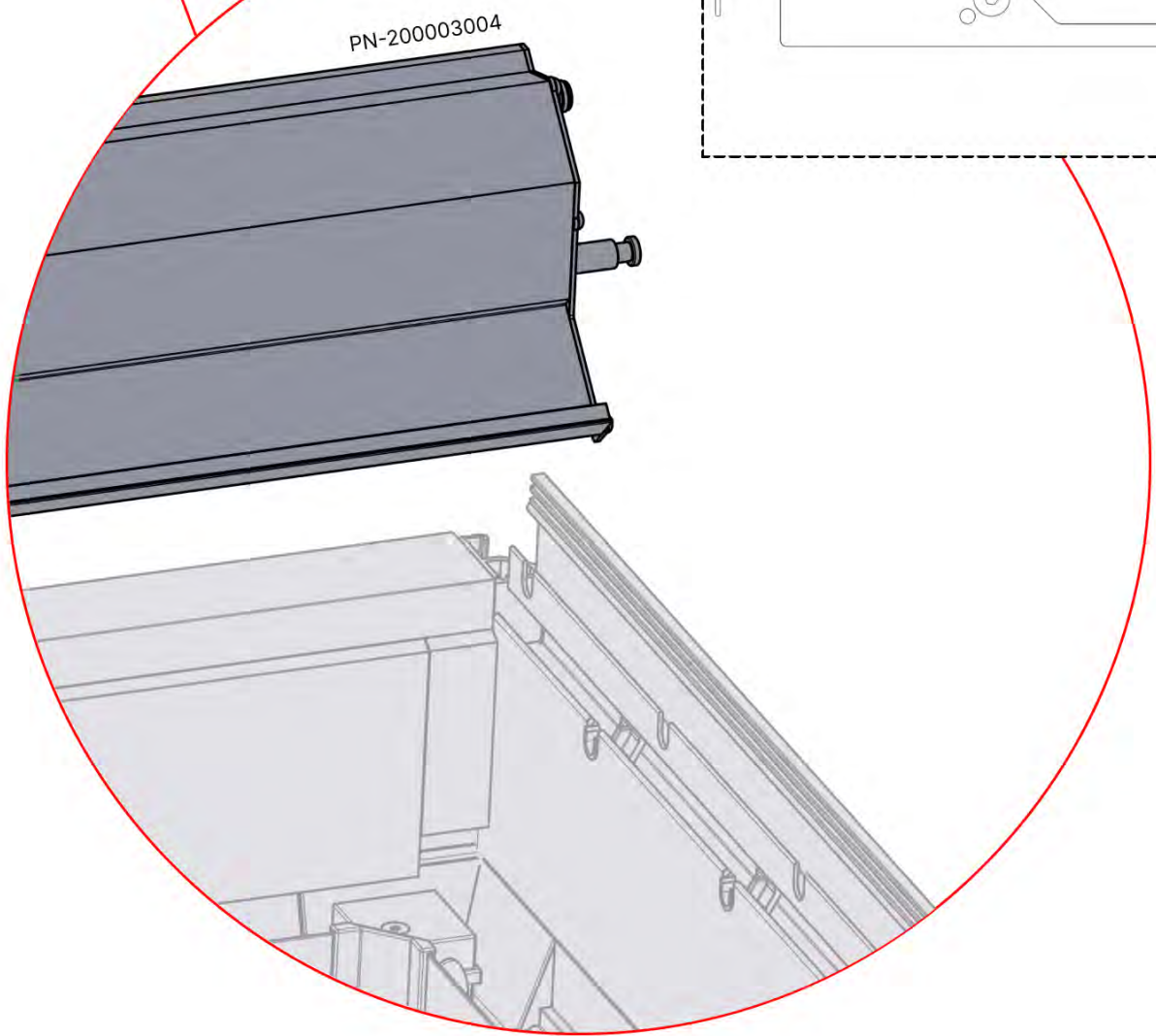
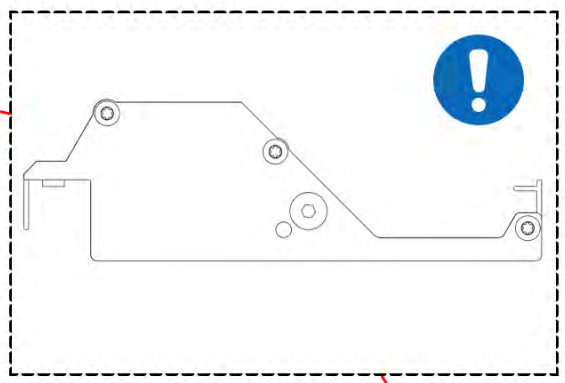
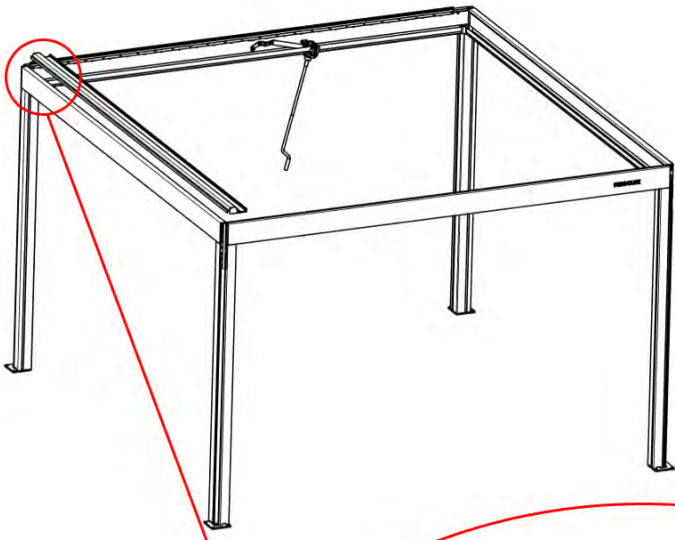
x3
PERGOLUX
PERGOLUX
PERGOLUX

1

ANTHRACITE: L192
WHITE: L196
BLACK: L194



PN-200003004
1x



31

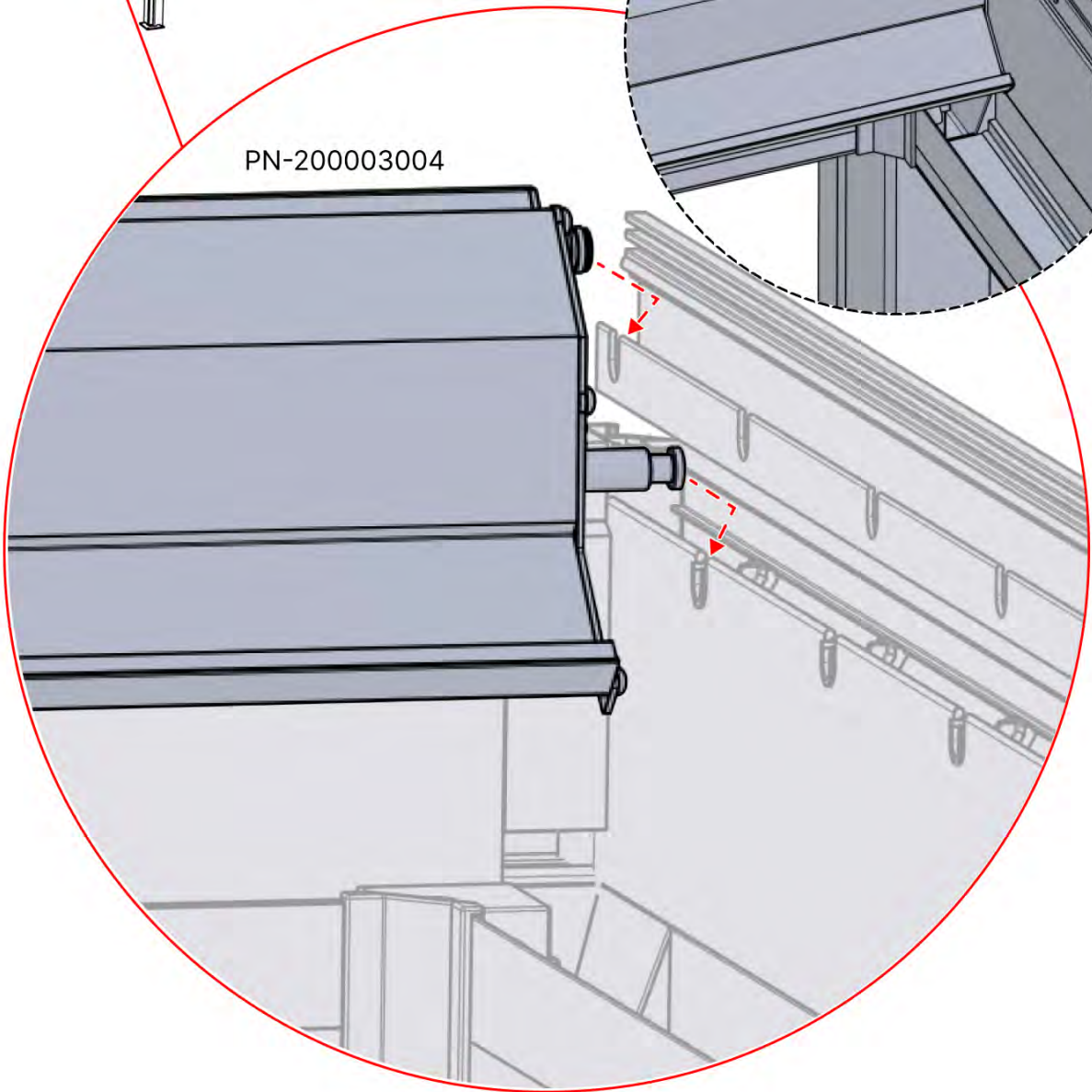
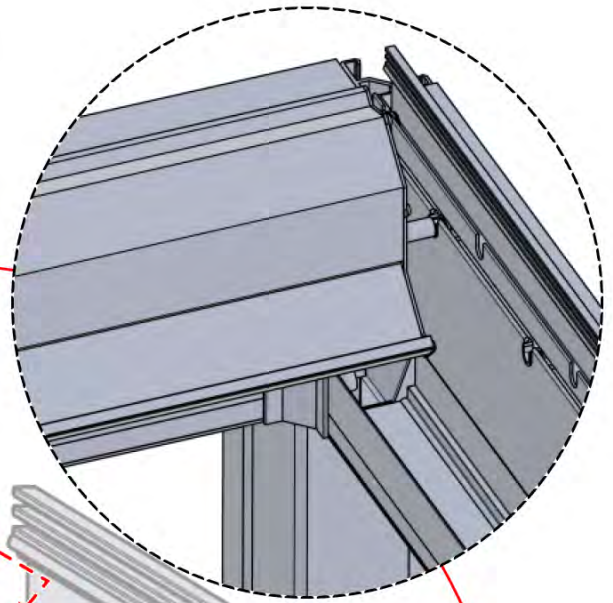
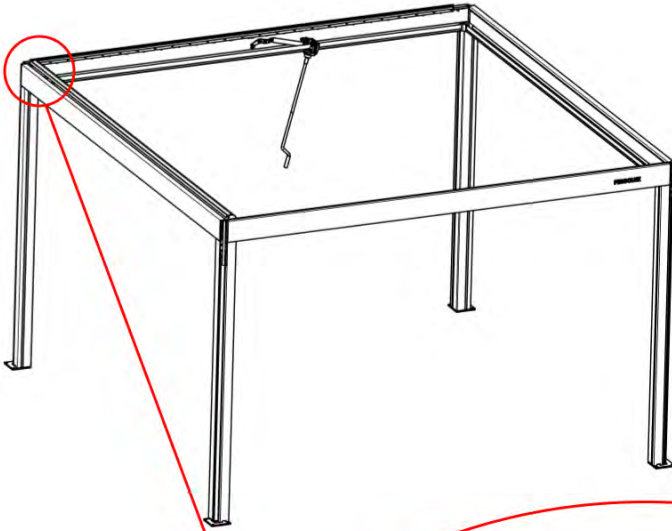
x3
PERGOLUX
PERGOLUX
PERGOLUX

1

ANTHRACITE: L192
WHITE: L196
BLACK: L194



PN-200003004
1x

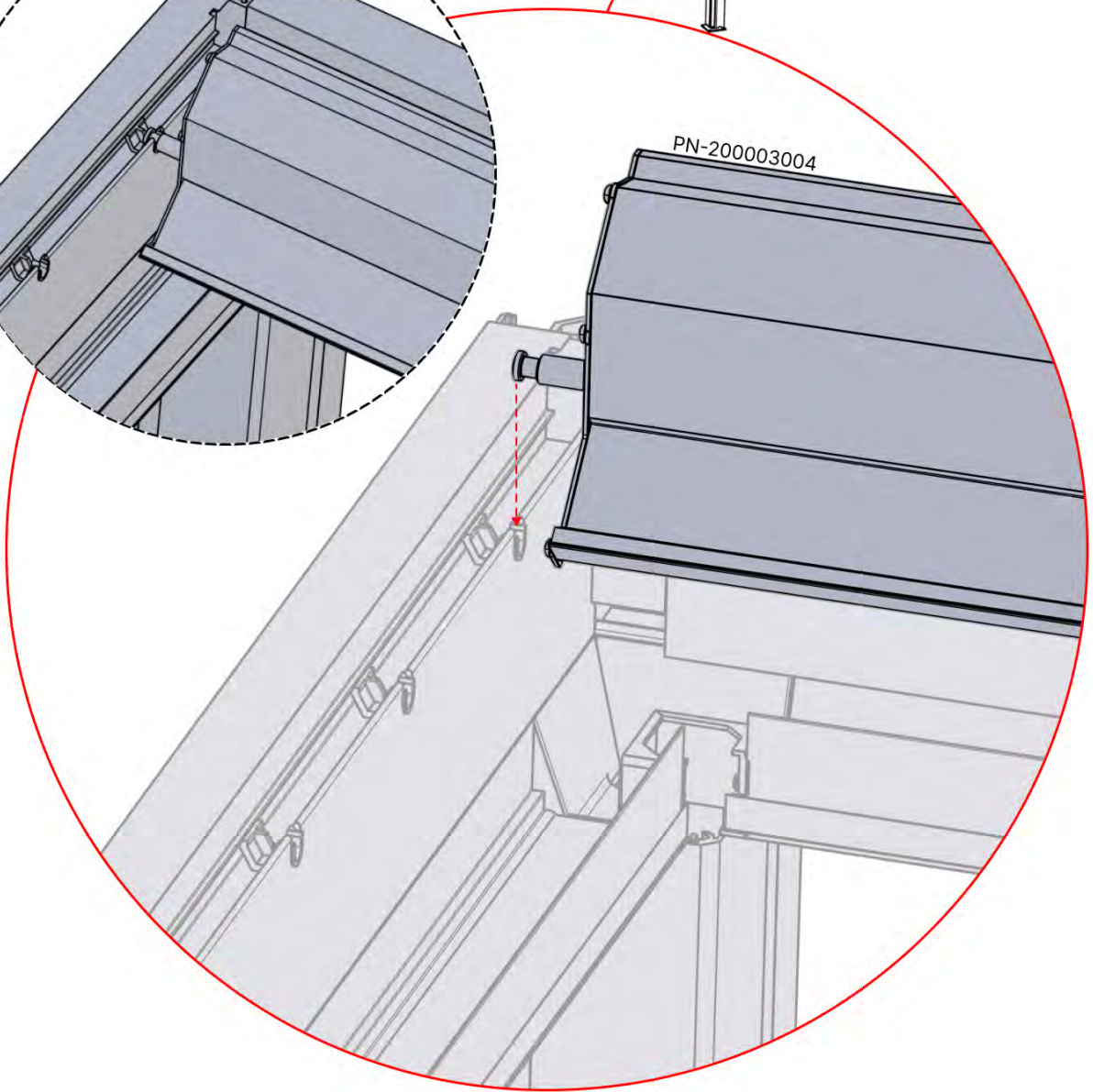
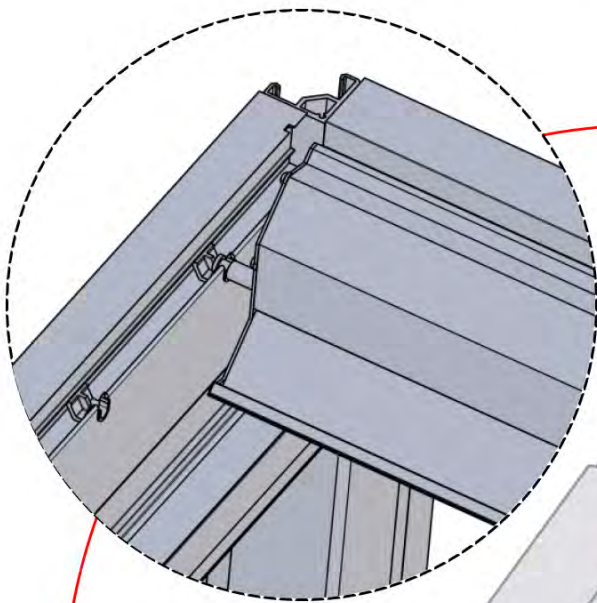
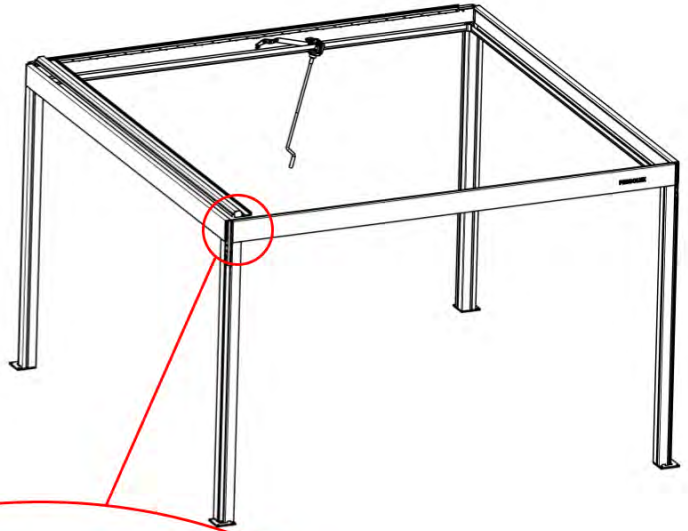
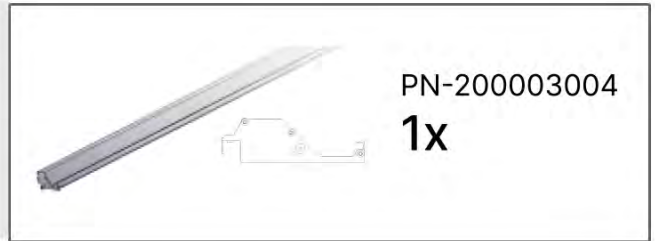


32



1

ANTHRACITE: L192
WHITE: L196
BLACK: L194



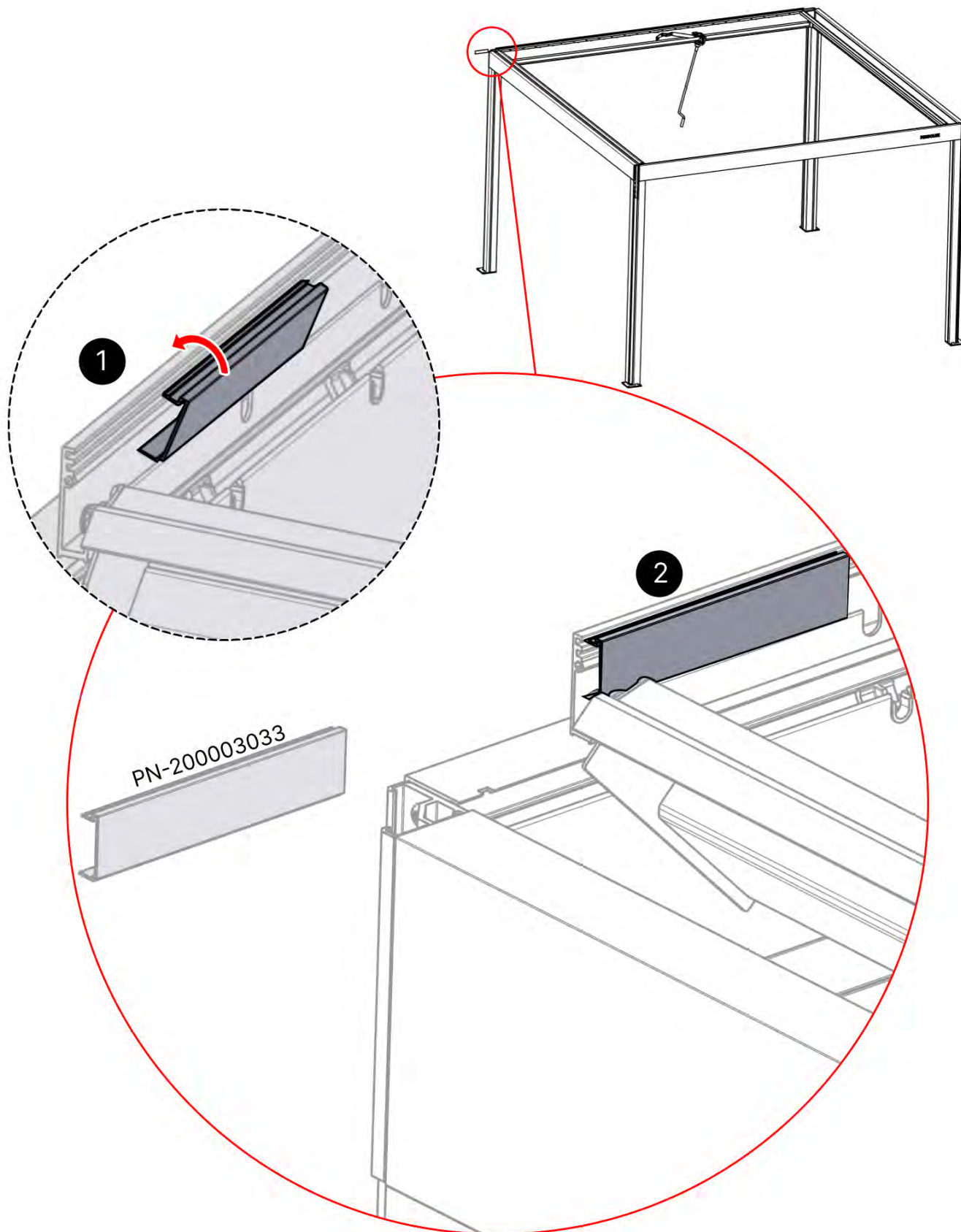
33

x1
PERGOLUX

4

ANTHRACITE: B188
WHITE: B194
BLACK: B191

PN-200003033
1x




34

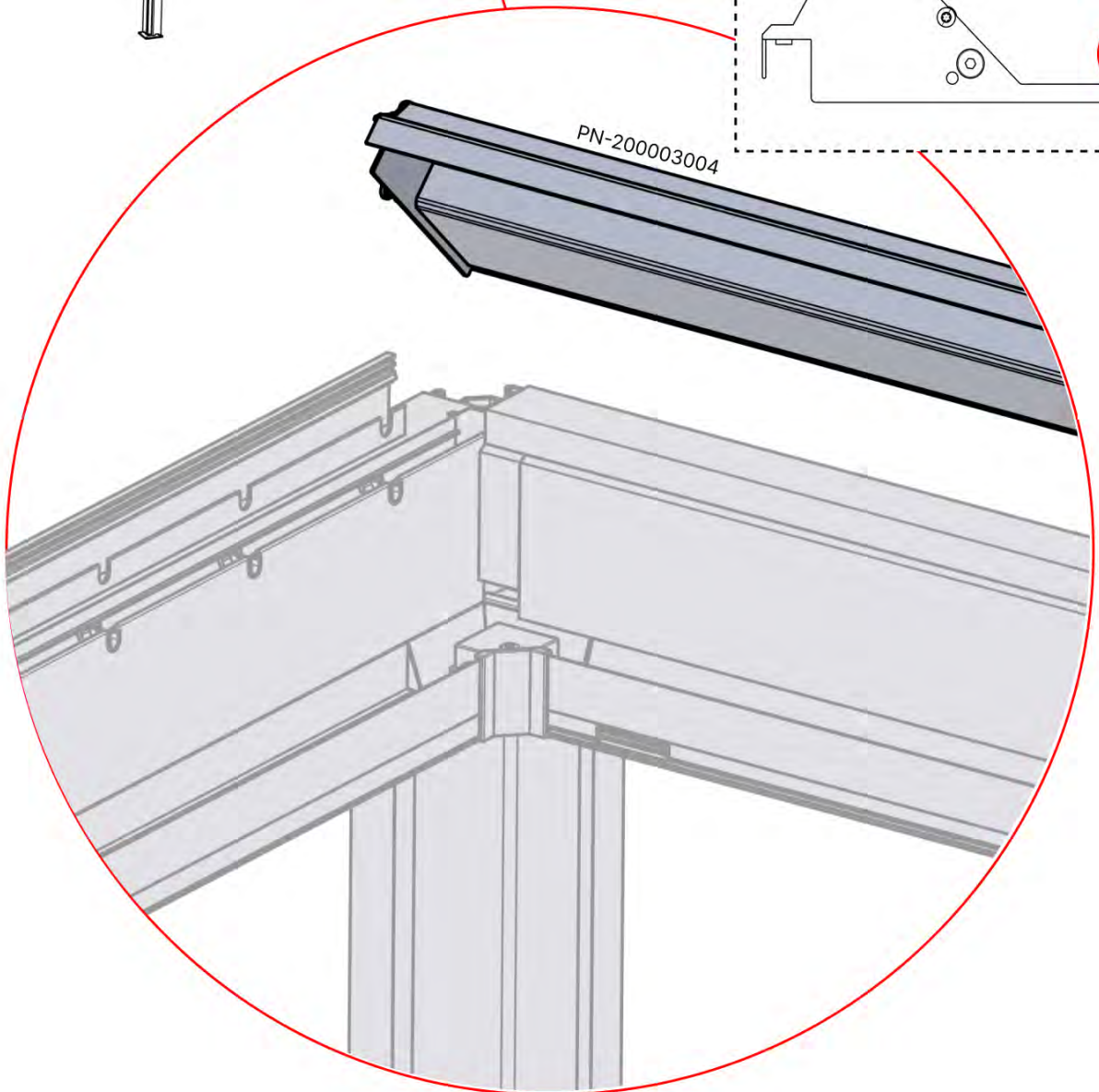
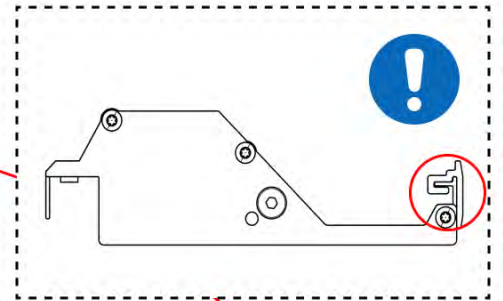
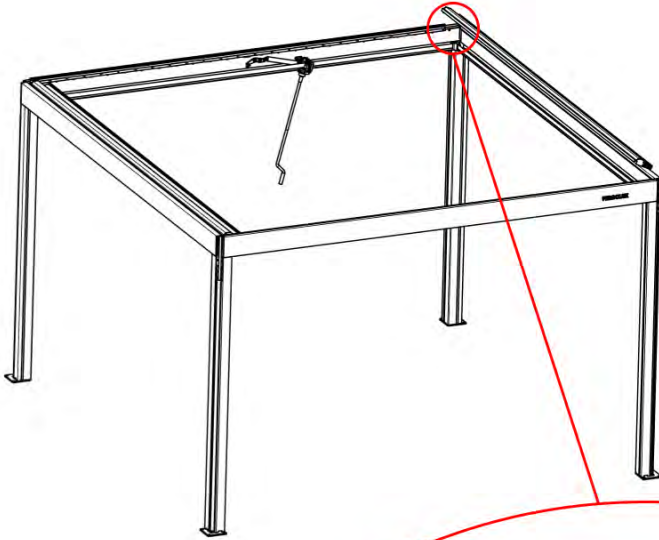
x1
PERGOLUX

2

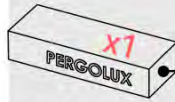
ANTHRACITE: L204
WHITE: L208
BLACK: L206



PN-200003003
1x

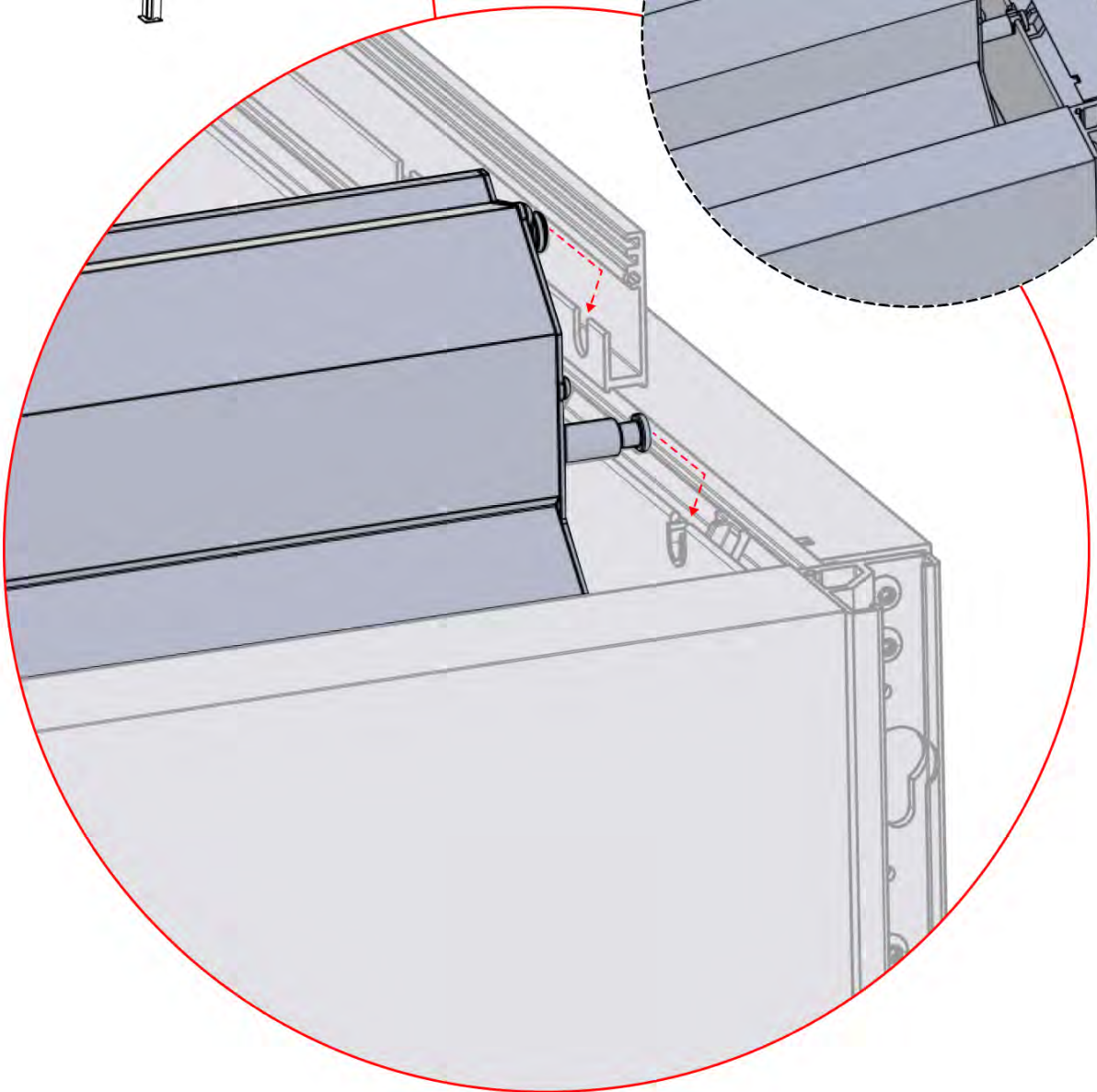
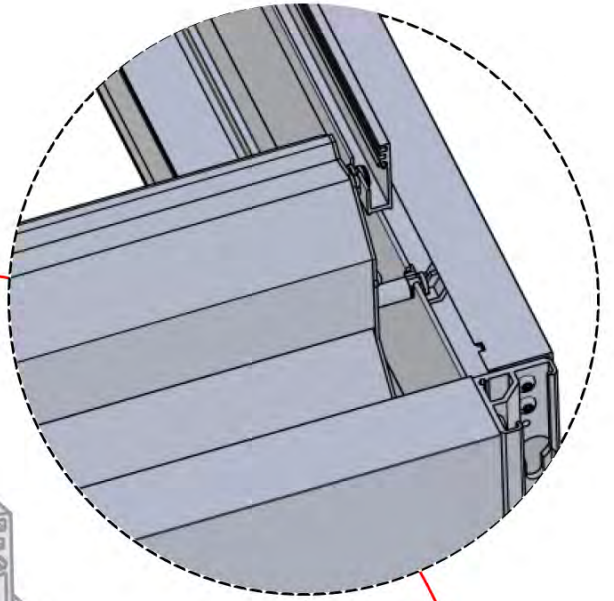
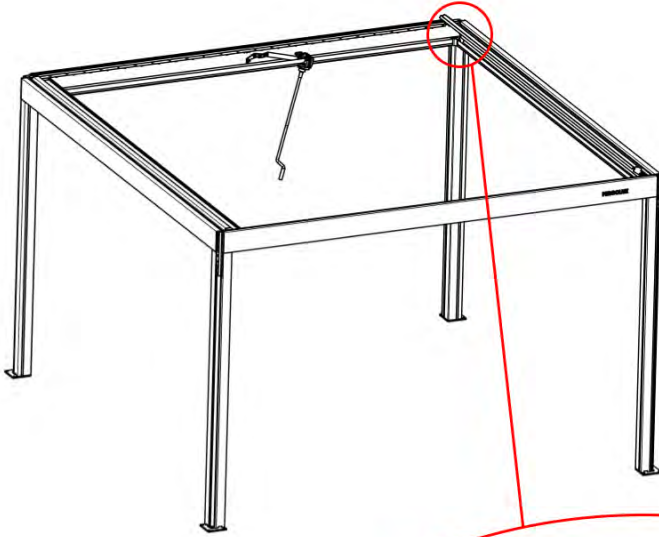
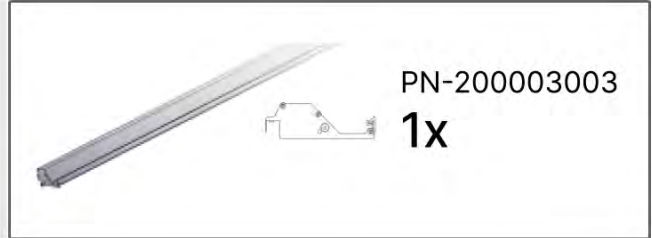


35

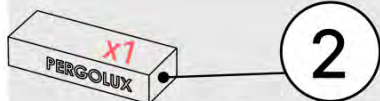


2

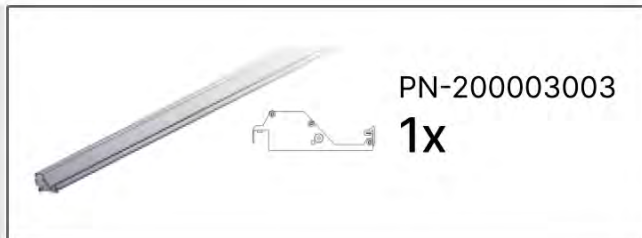
ANTHRACITE: L204
WHITE: L208
BLACK: L206



36

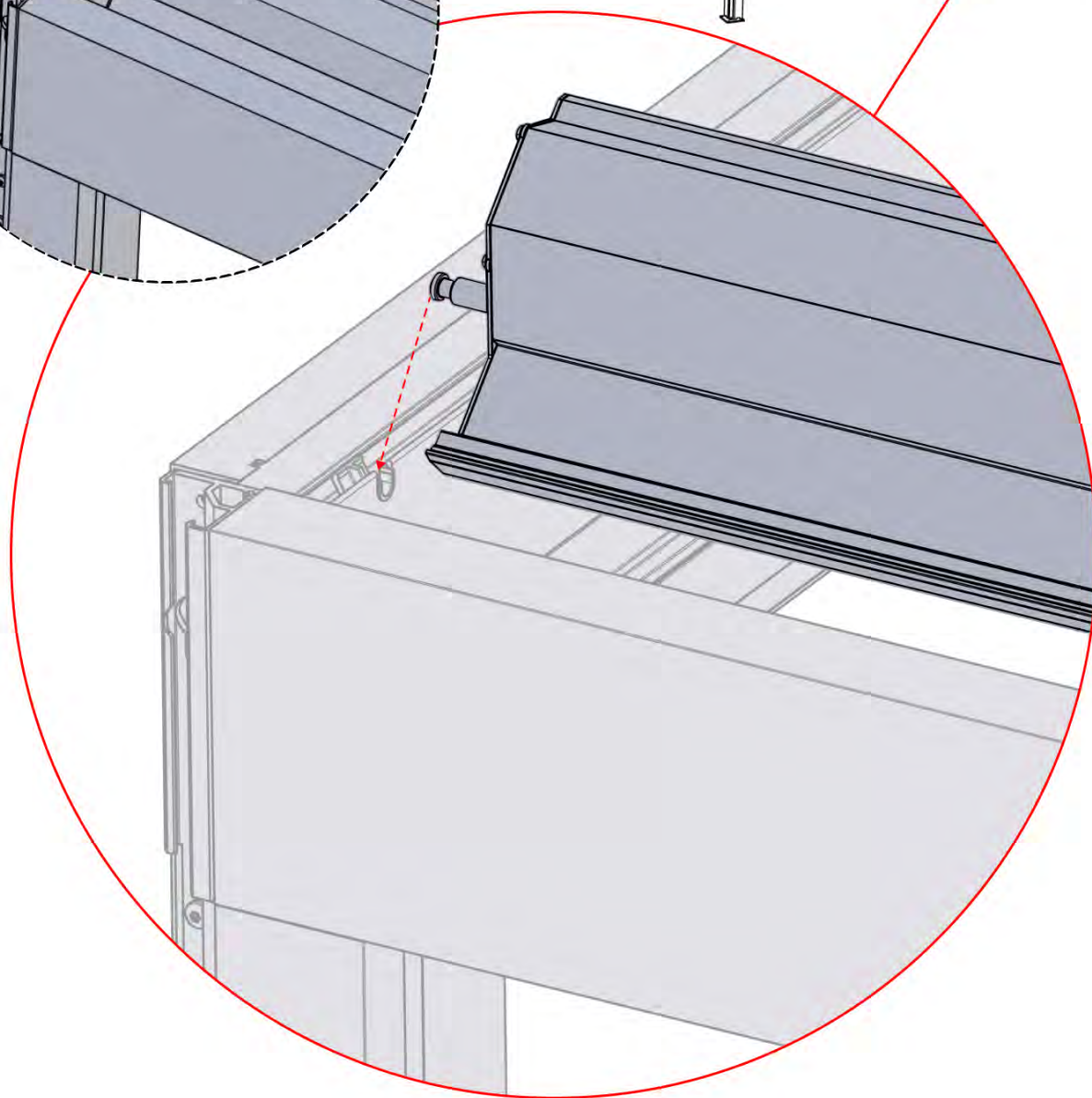
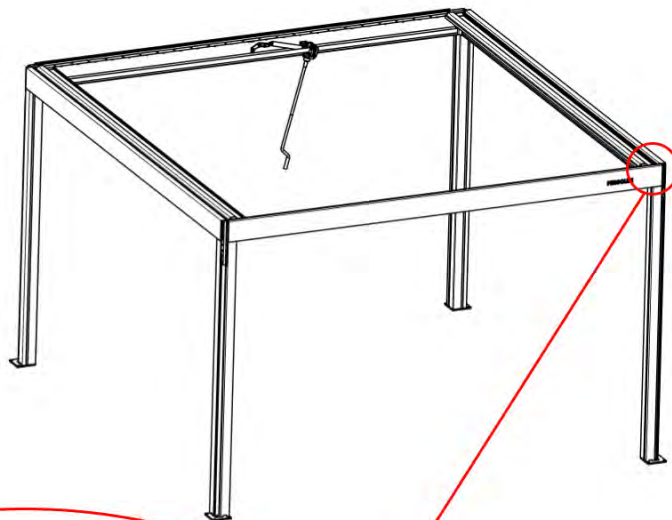
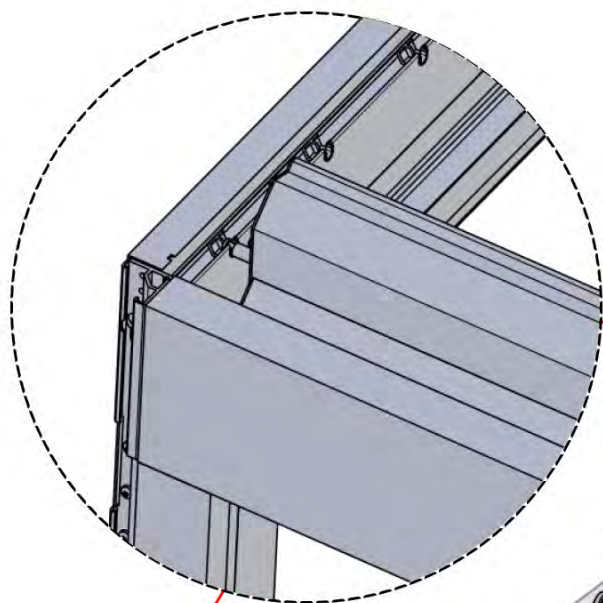


ANTHRACITE: L204
WHITE: L208
BLACK: L206

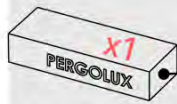


PN-200003003

1x



37



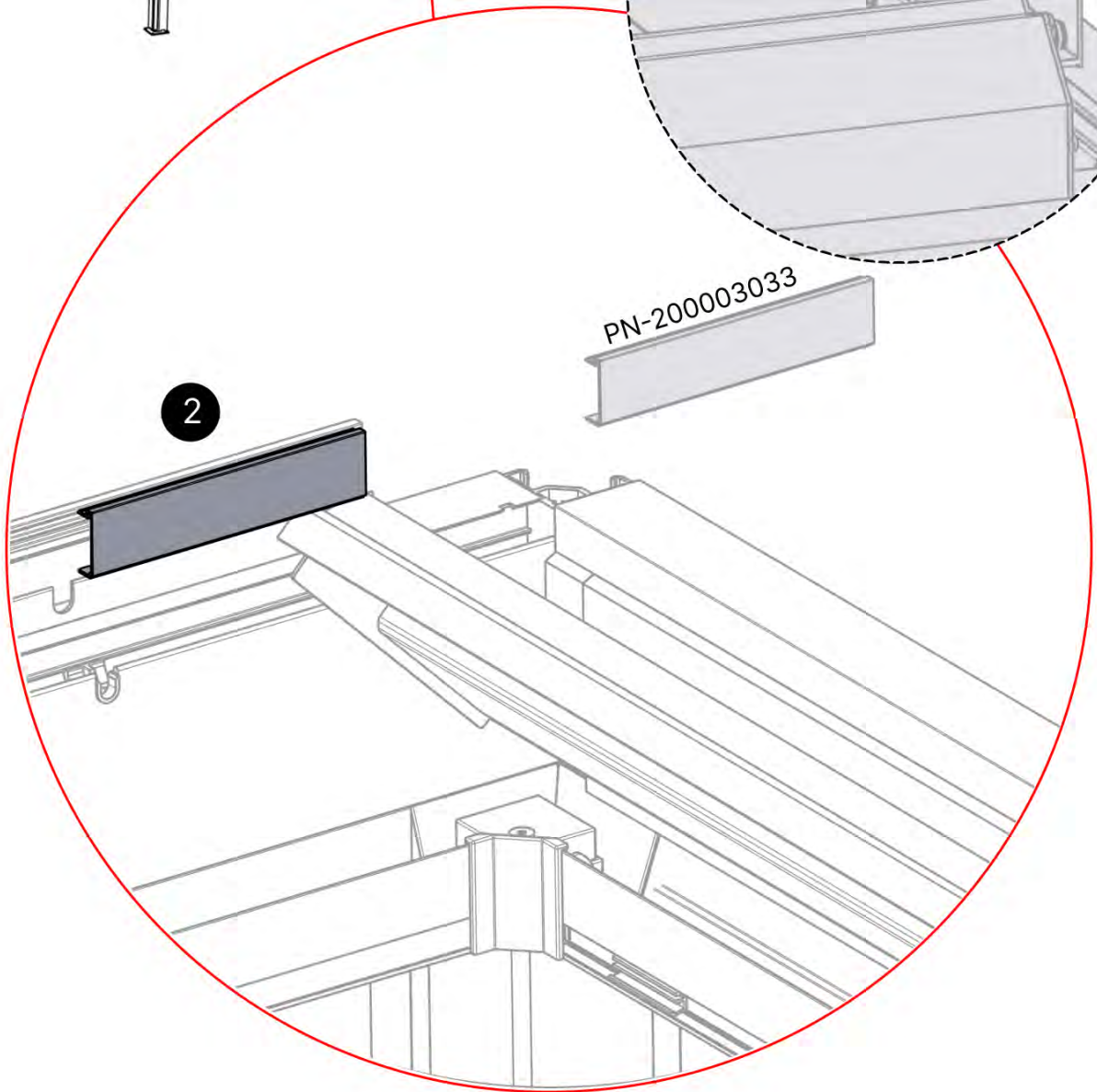
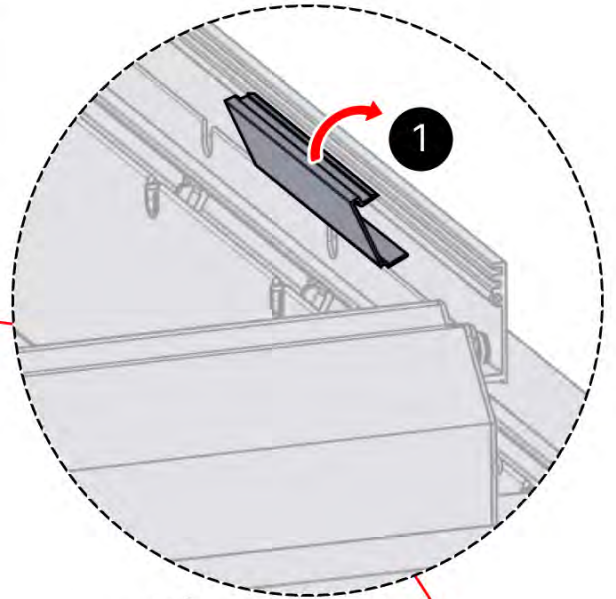
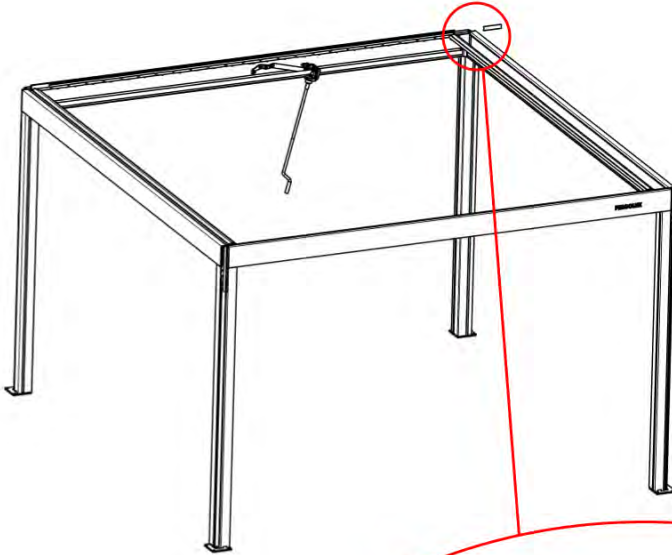
4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200003033

1x



38



1

ANTHRACITE: L192
WHITE: L196
BLACK: L194



2

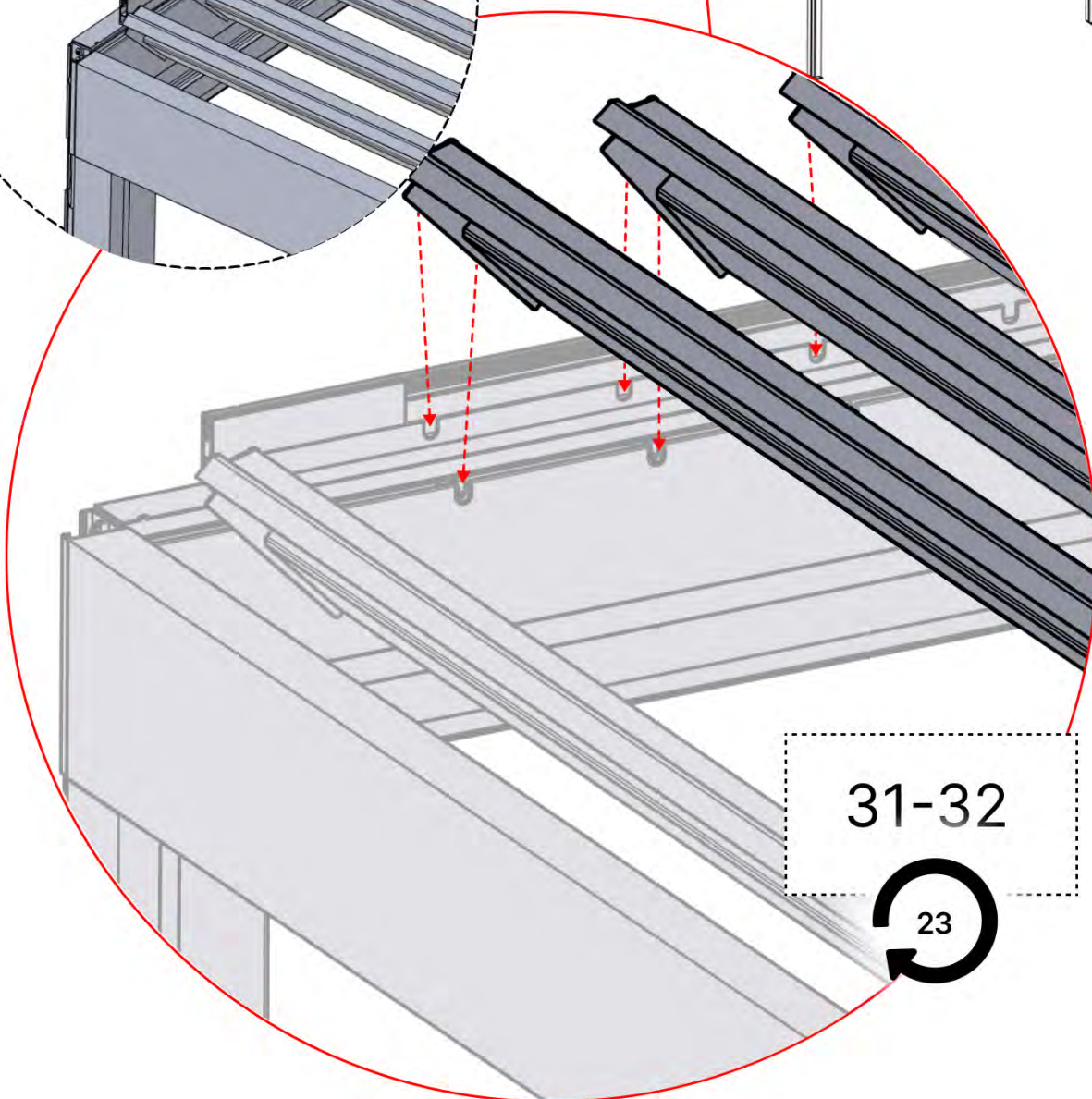
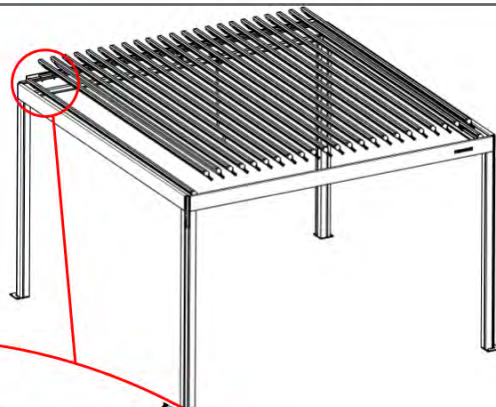
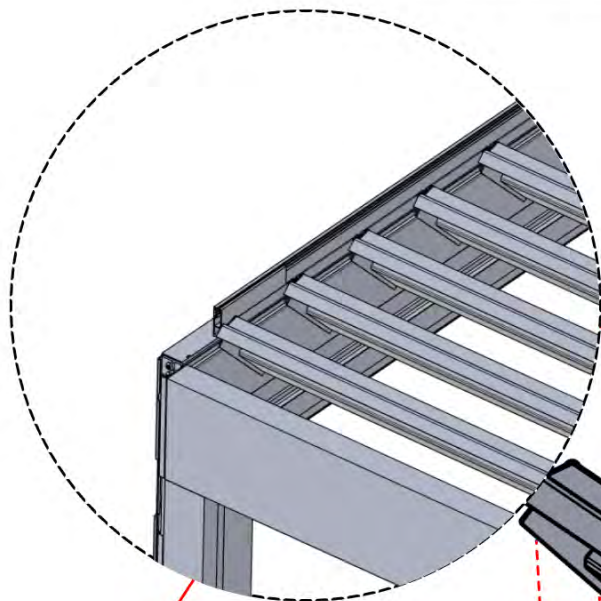
ANTHRACITE: L192
WHITE: L208
BLACK: L206



PN-200003004
17x



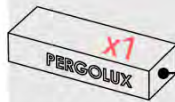
PN-200003004
6x



31-32

23

39



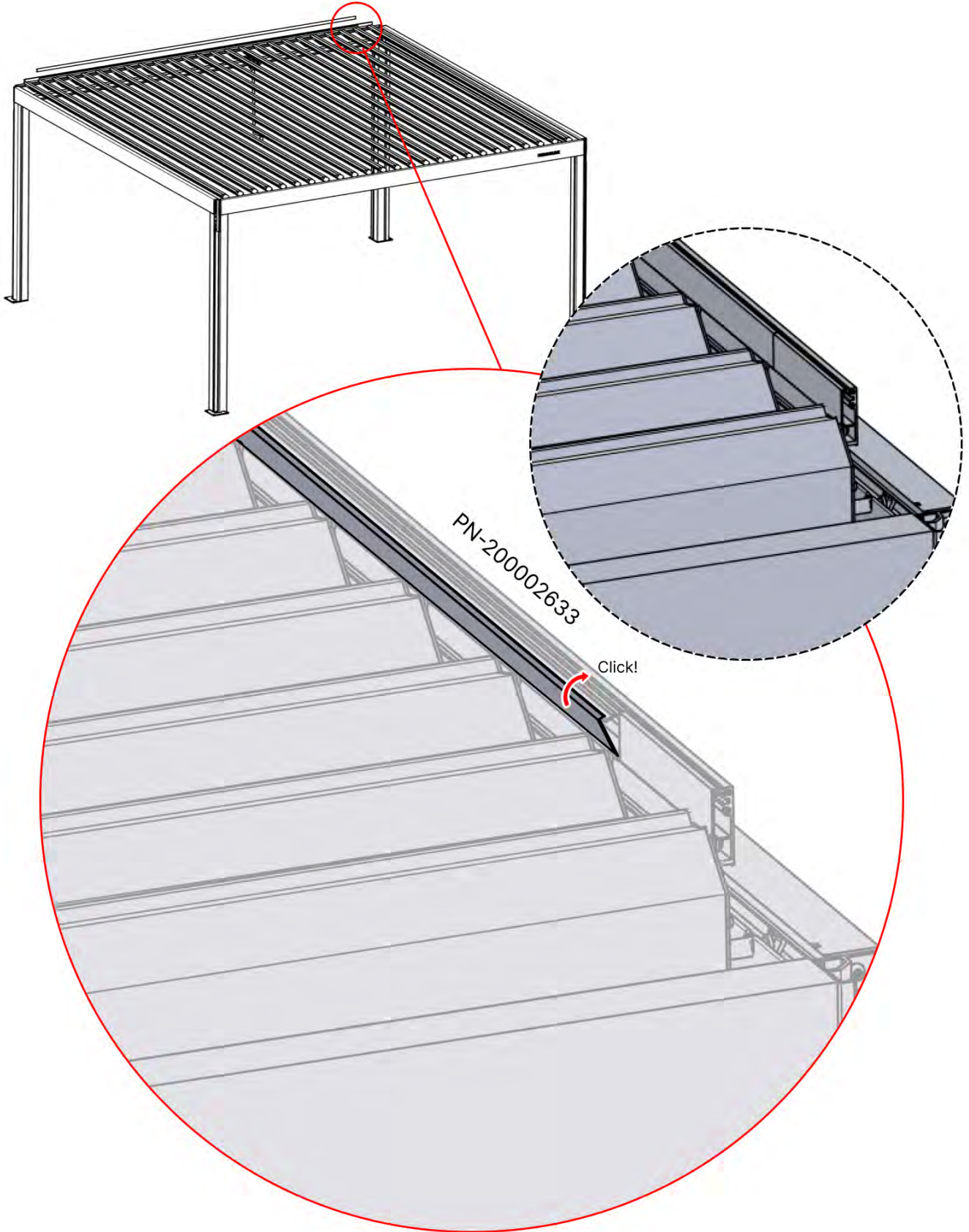
4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200002633

1x




40

x7
PERGOLUX

4

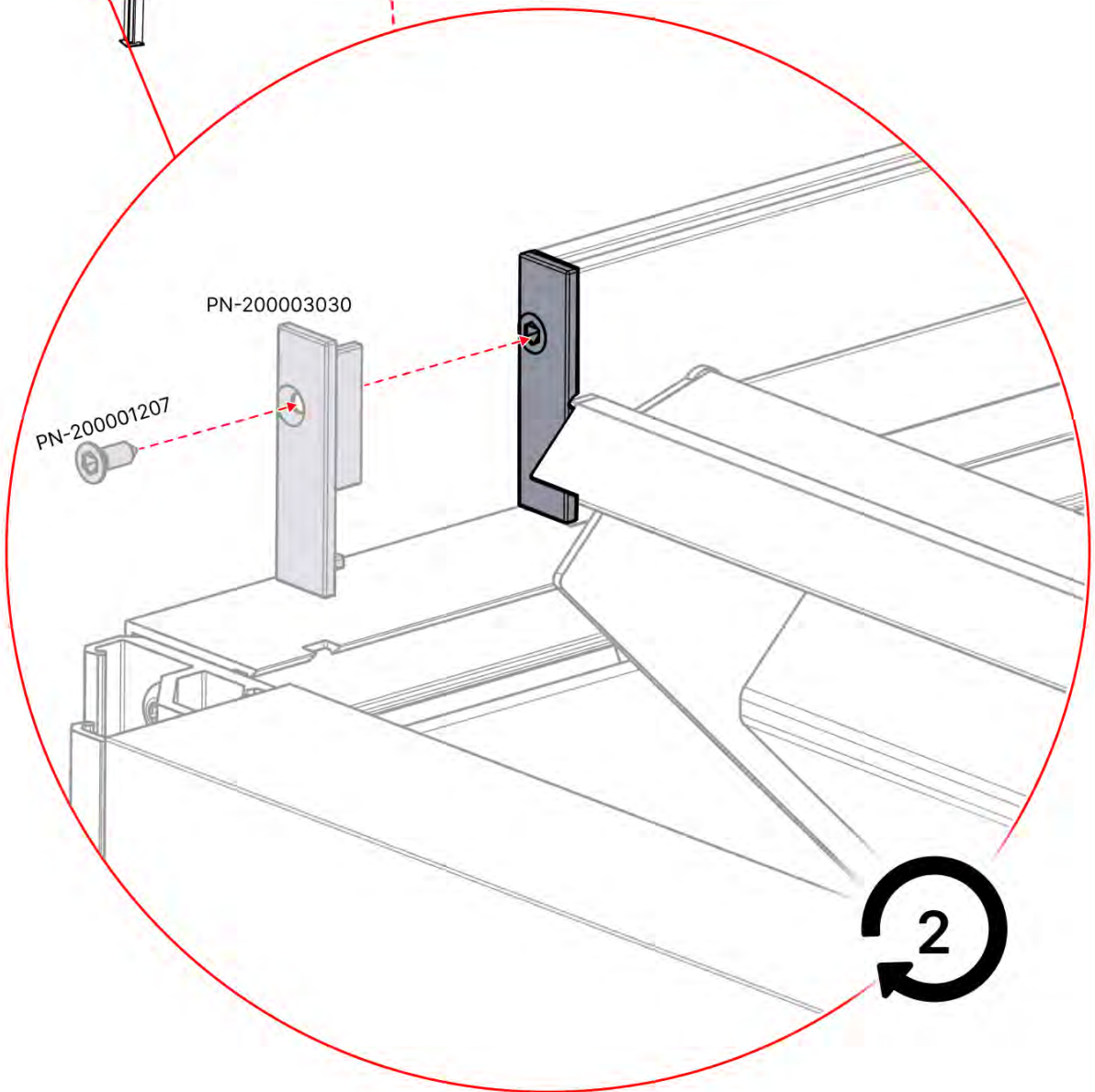
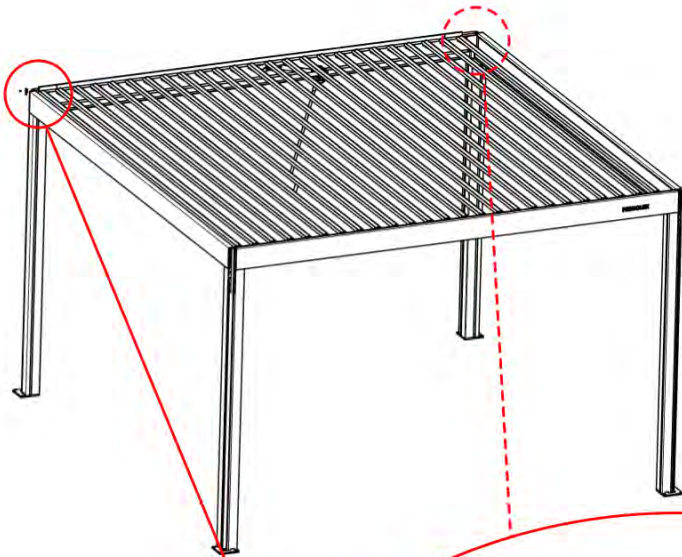
ANTHRACITE: B188
WHITE: B194
BLACK: B191



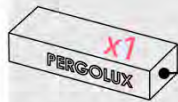
PN-200003030
1x

PN-200003031
1x

PN-200001207
2x

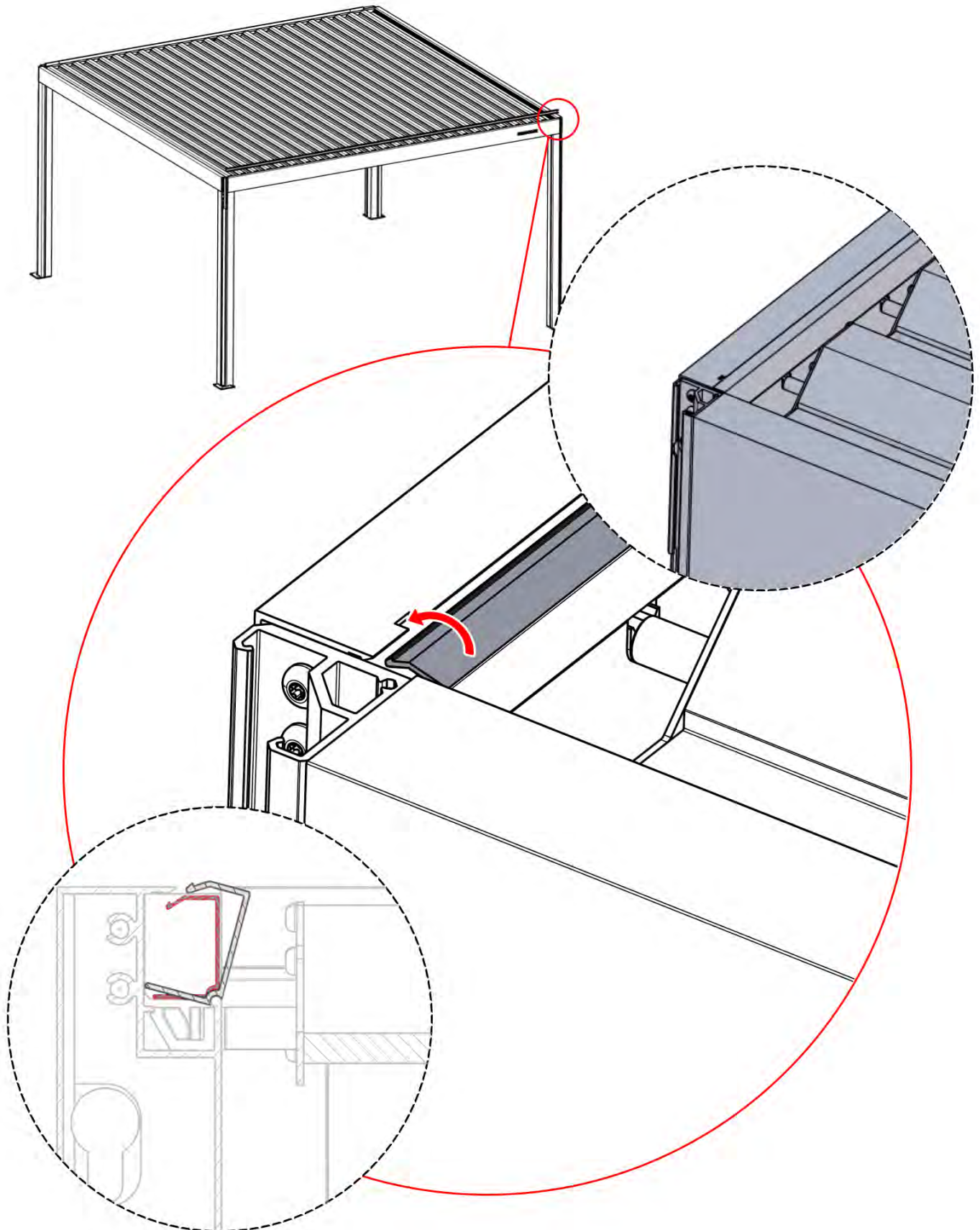


41



4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



42



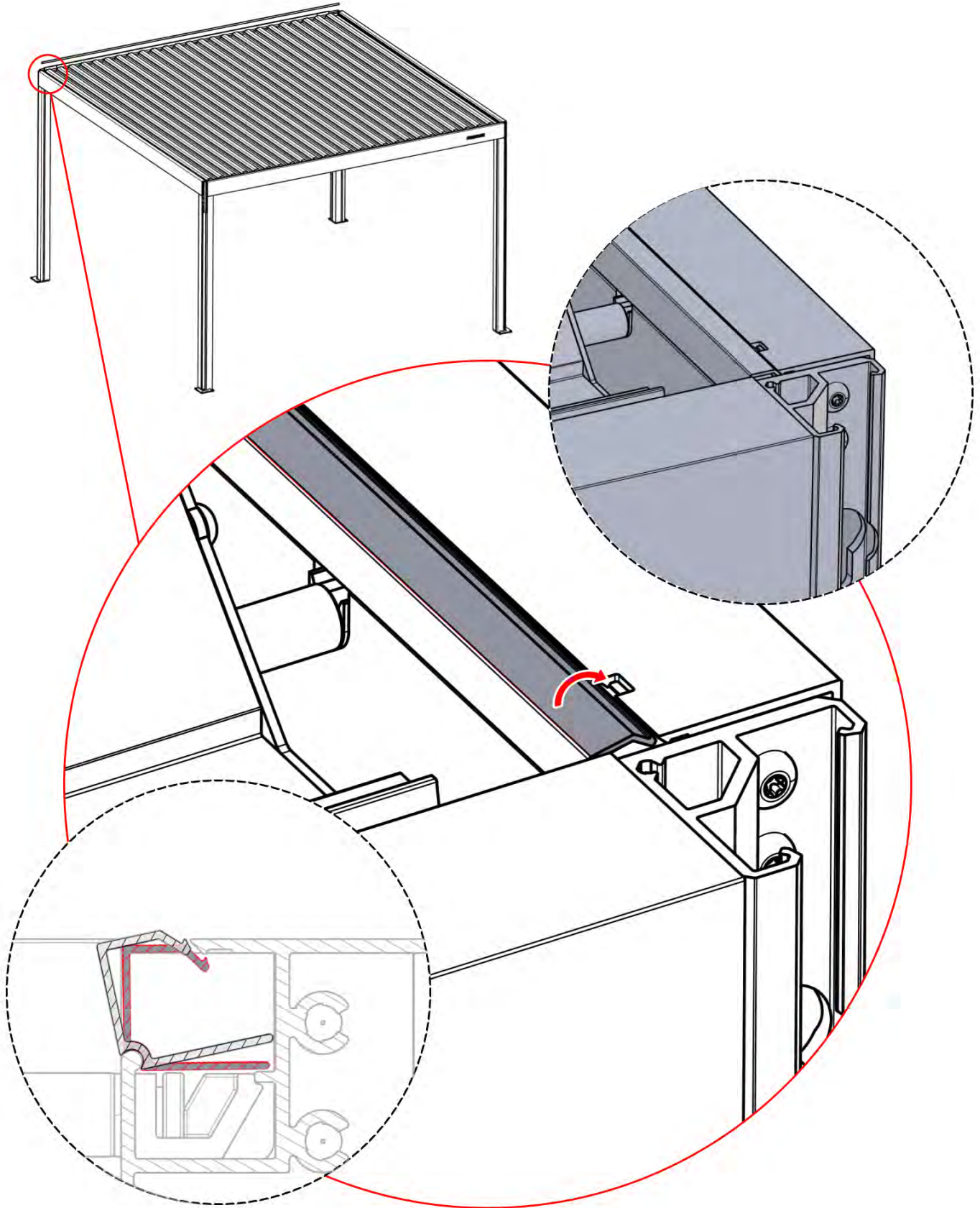
4

ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200002623

1x




43

x2
PERGOLUX
PERGOLUX

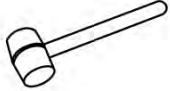
5

ANTHRACITE: C120
WHITE: C122
BLACK: C121

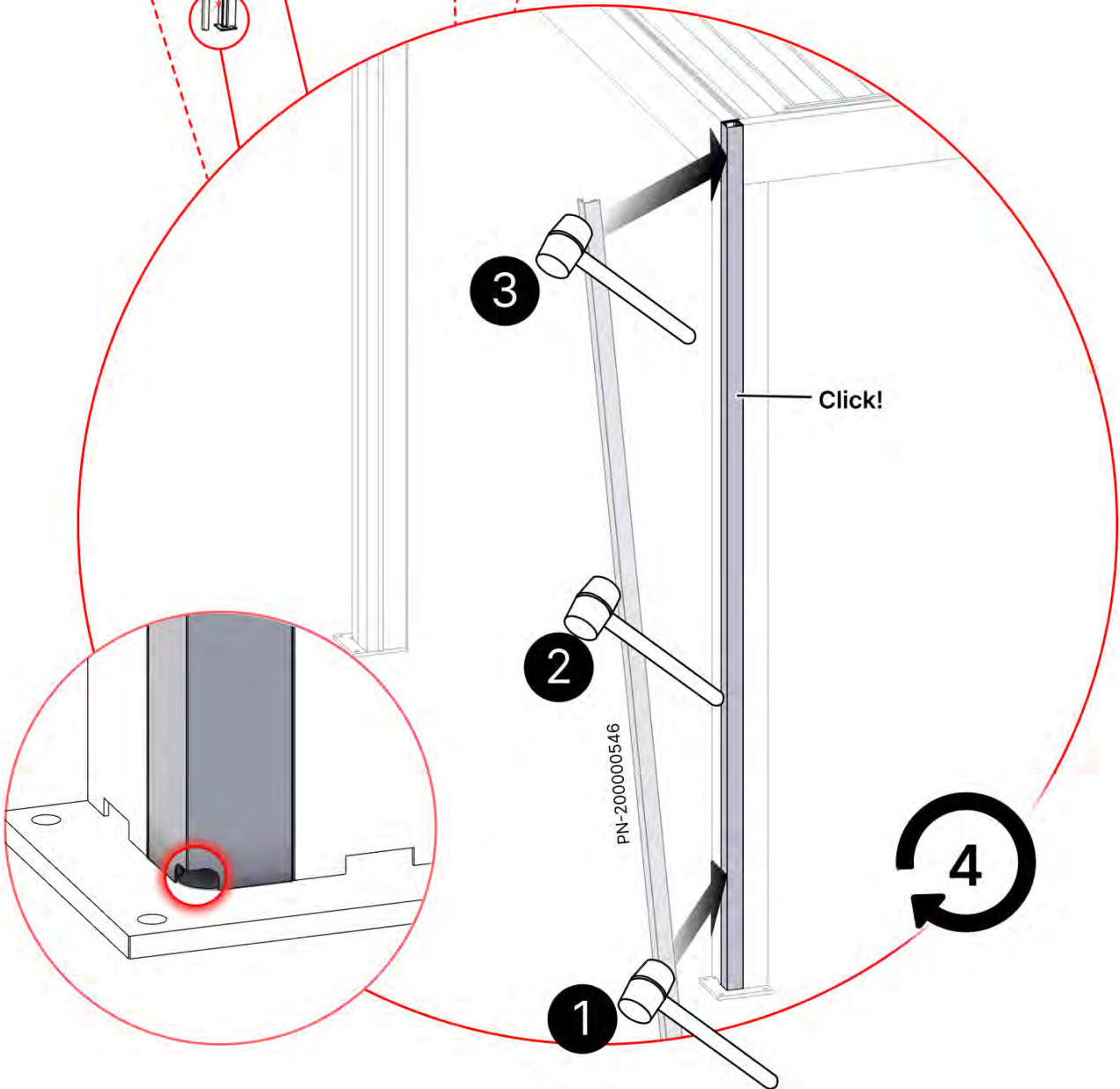
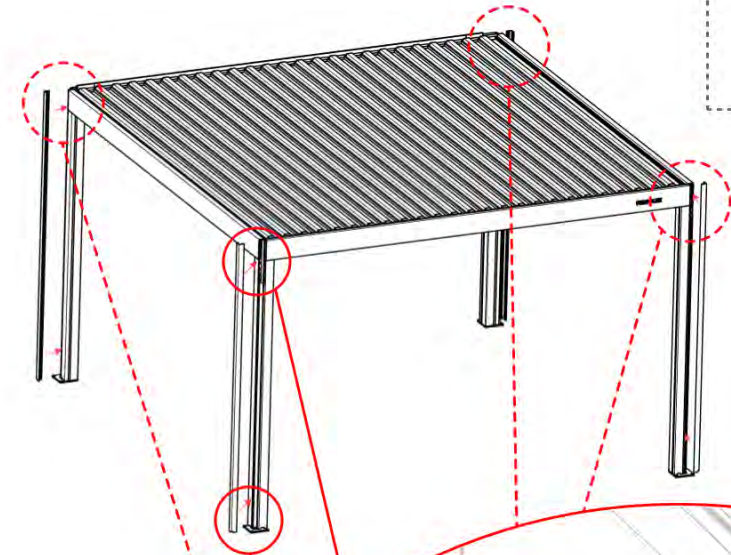


PN-200003386
4X

⊗



⊗




44

x7
PERGOLUX

4

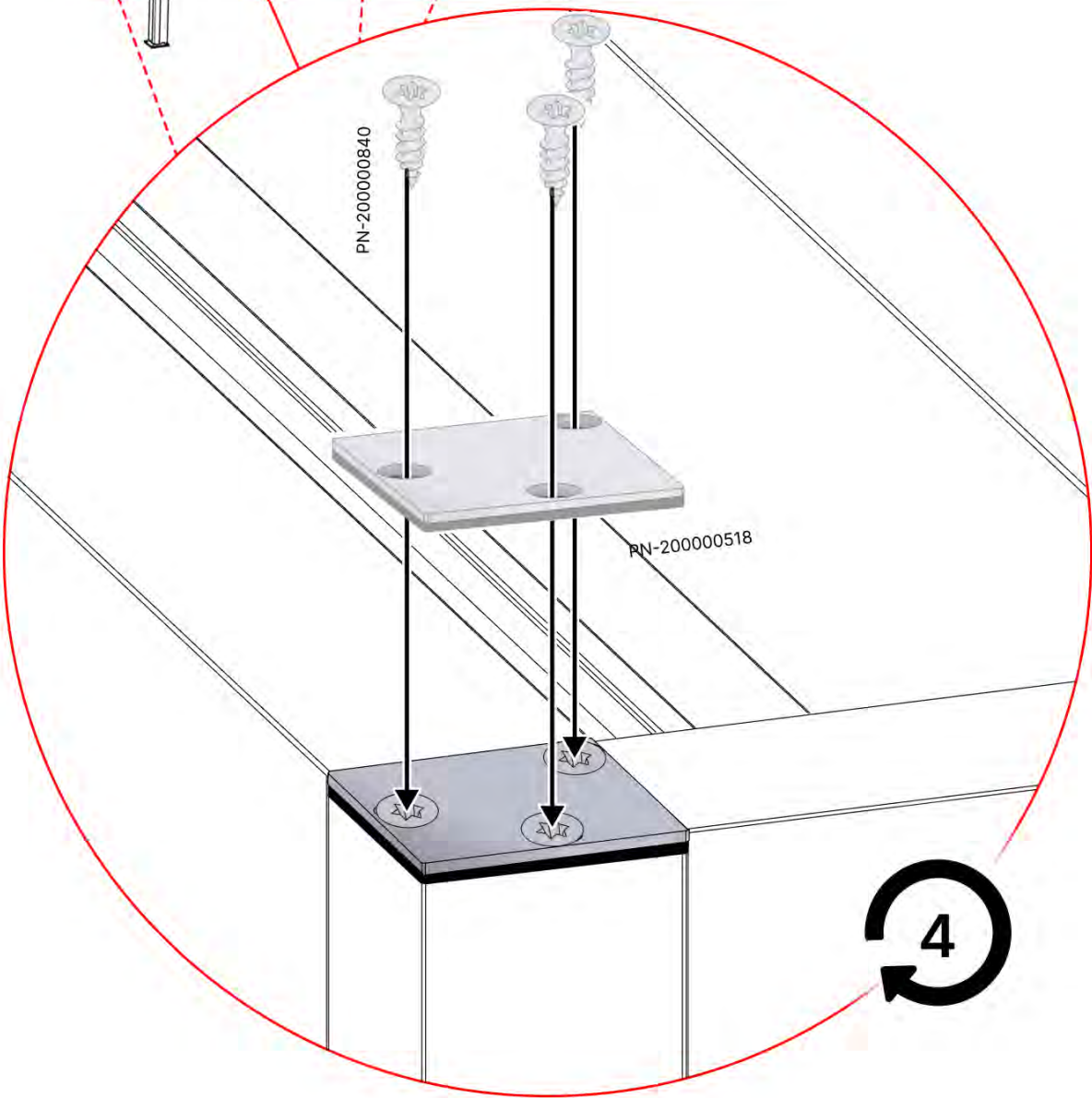
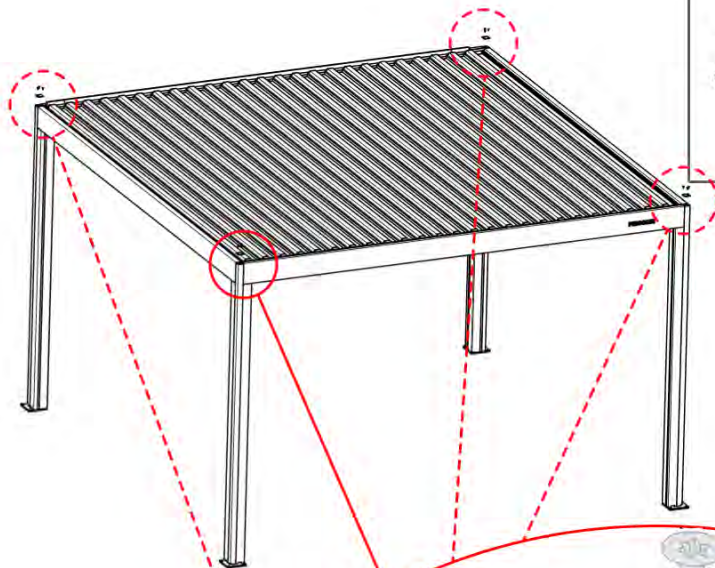
ANTHRACITE: B188
WHITE: B194
BLACK: B191



PN-200002614
4x

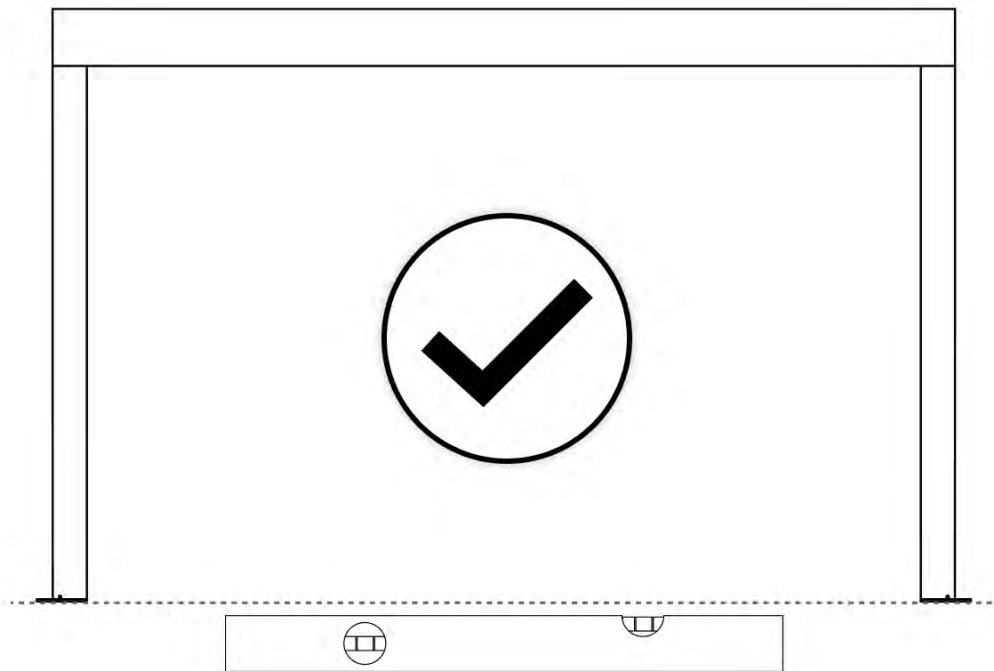
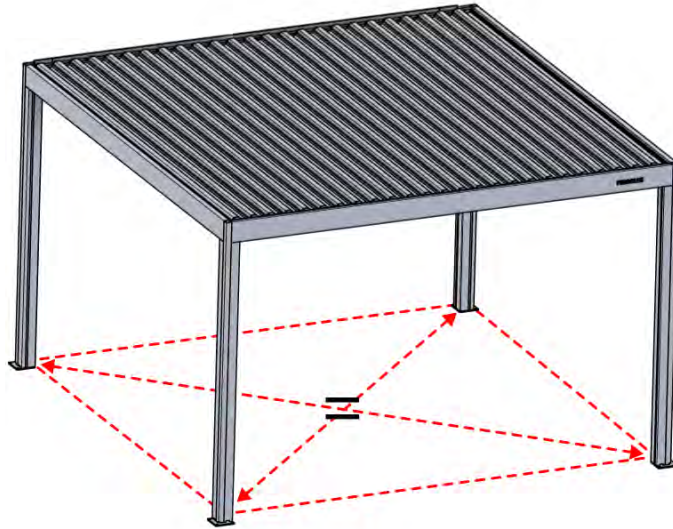
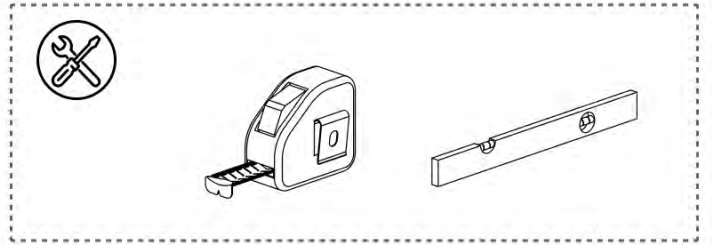
PN-200000840
12x

4.2x16
5/32" x 5/8"

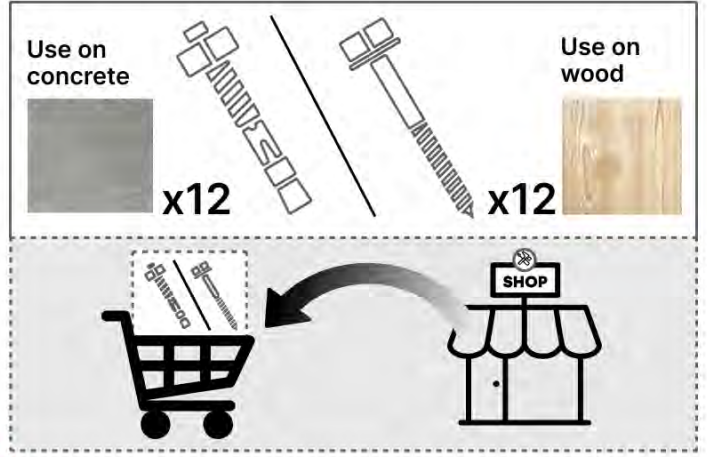
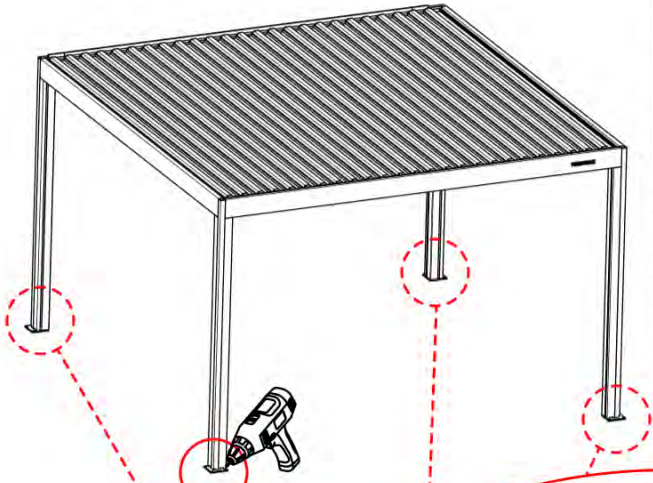


4

45

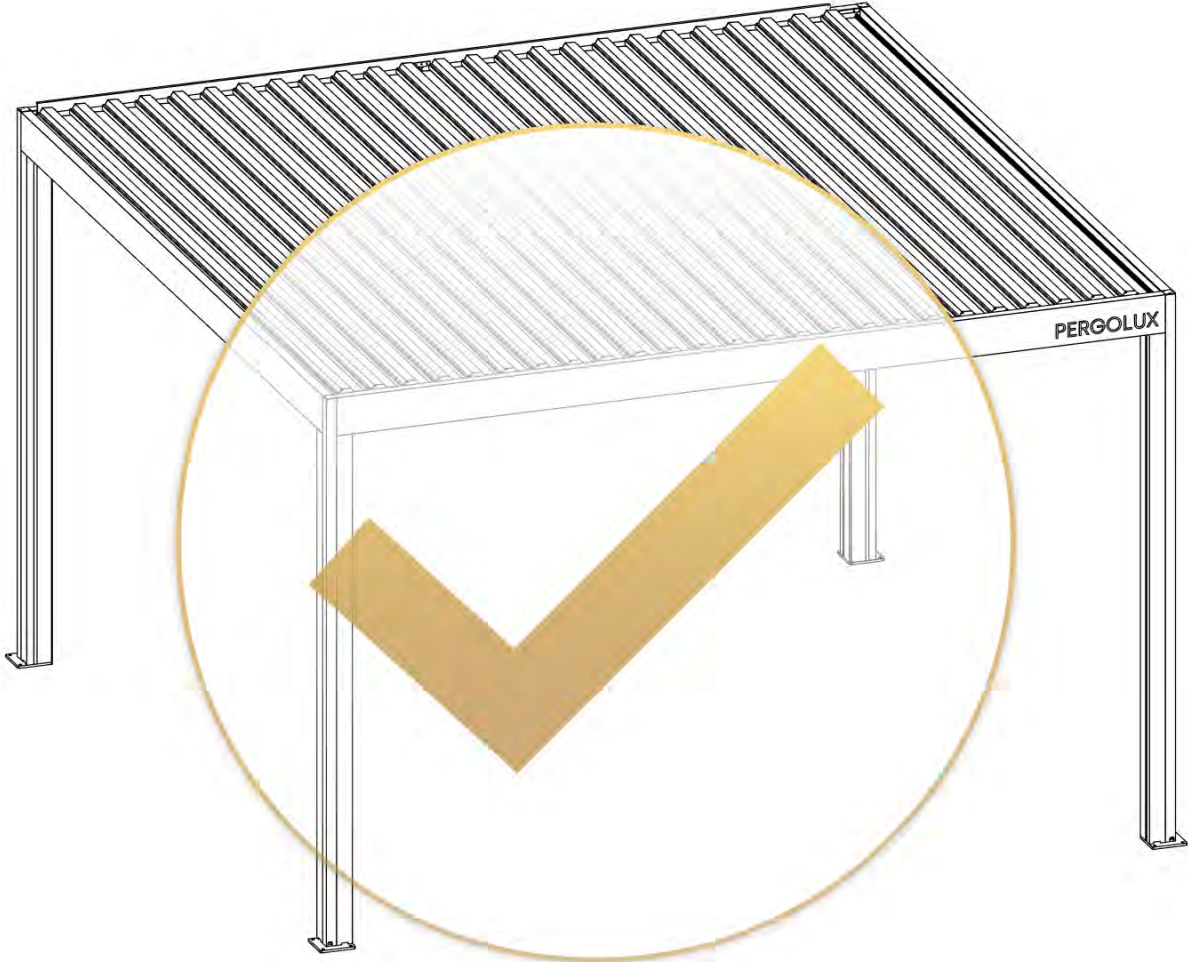


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PERGOLUX | PERGOLA FREESTANDING S4

4 X 4 M / 13' X 13'



Type Approved
Regular
Production
Surveillance
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