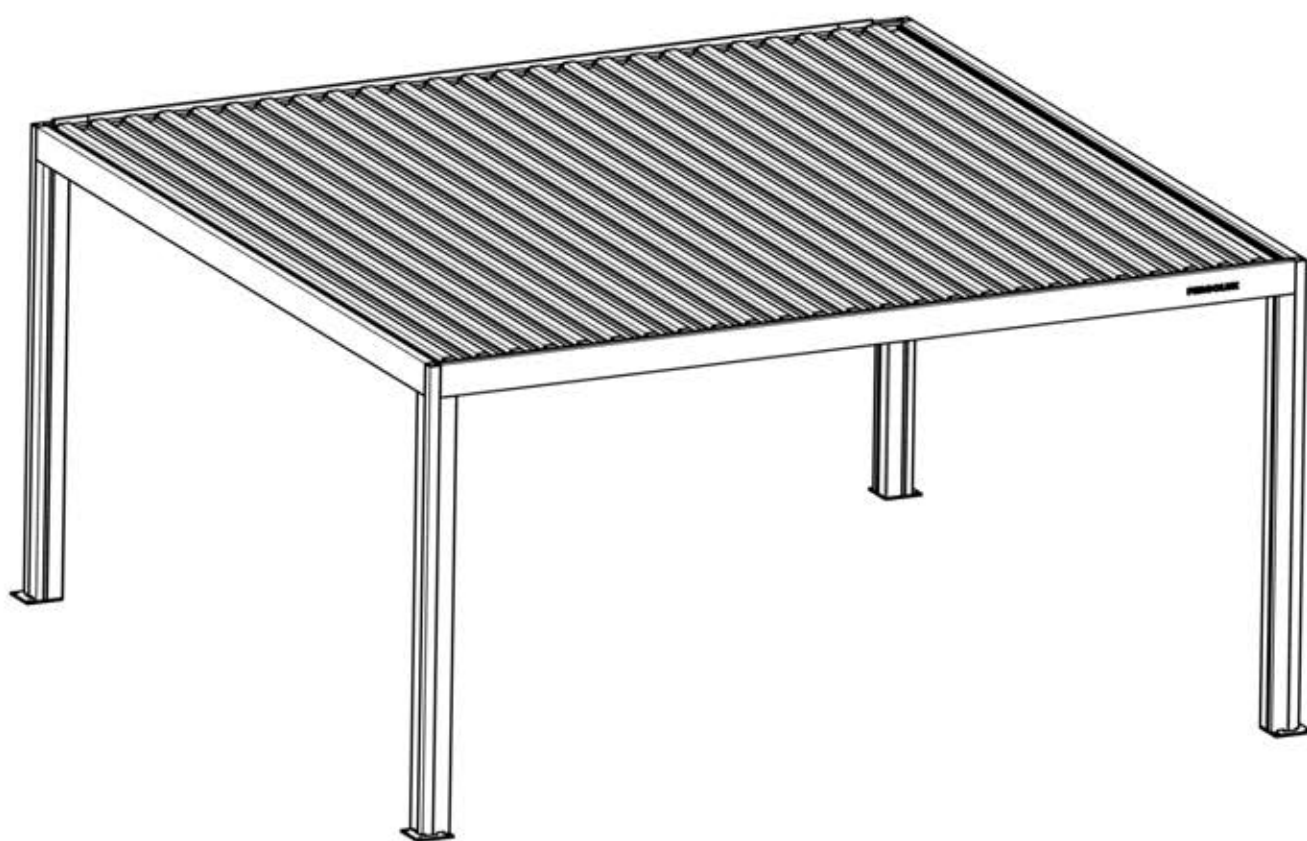


S4

PERGOLA



3×5M/10'x16'
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

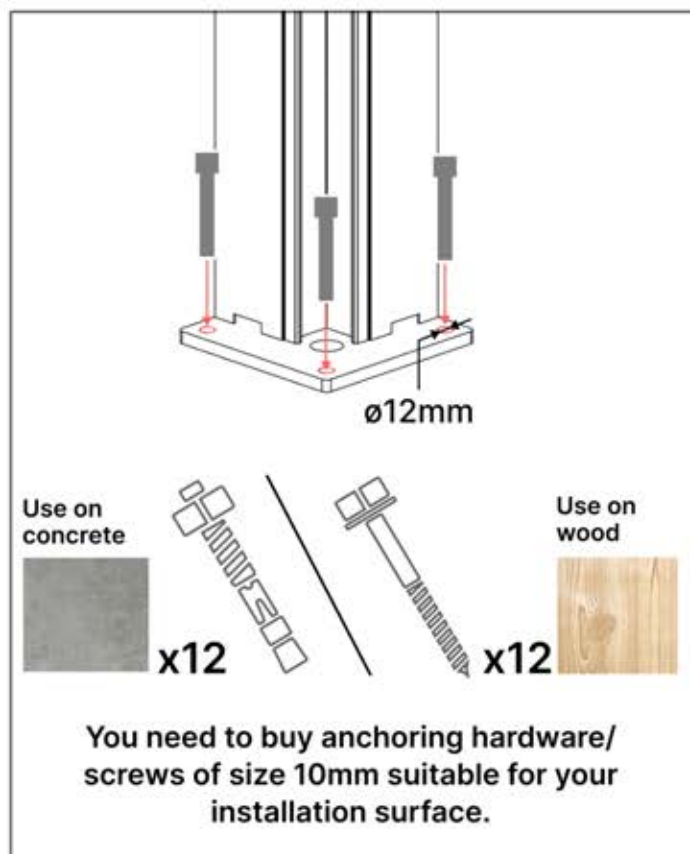


Motor



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:

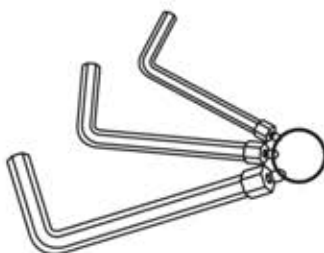
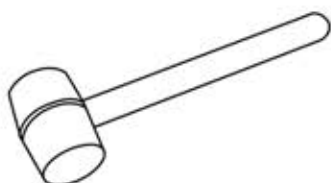
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



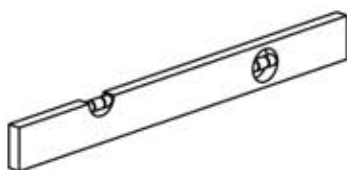
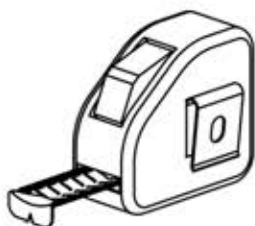
Apply lubricant to make screw assembly easier.



TOOLS



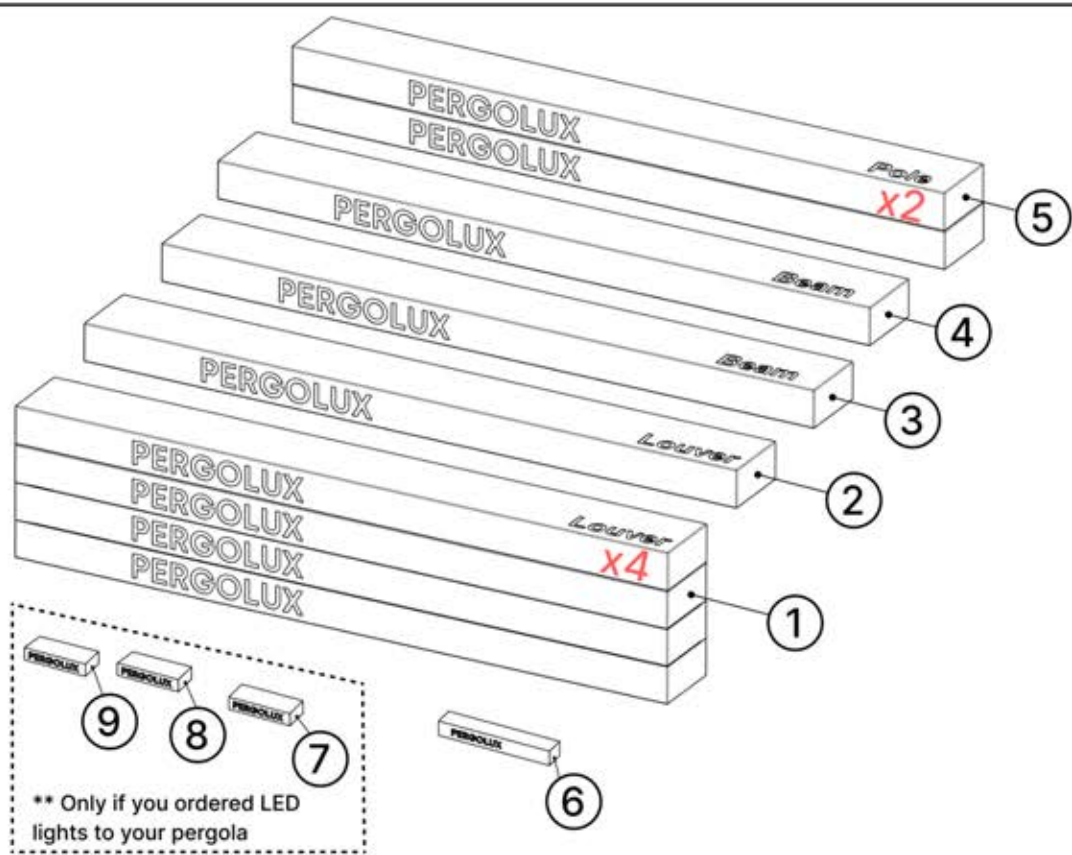
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

PERGOLUX | PERGOLA FREESTANDING S4

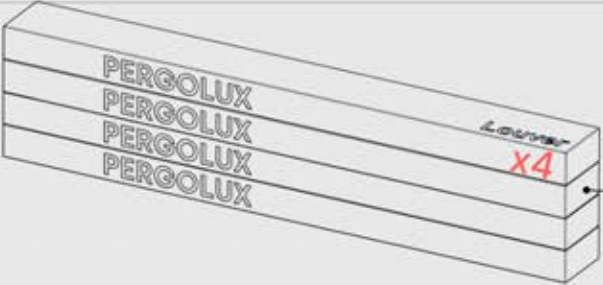
PACKAGE OVERVIEW



ORDER	ANTHRACITE	WHITE	BLACK
①	L191	L195	L193
②	L203	L207	L205
③	B208	B212	B210
④	B280	B195	B192
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
⑨	LED BOX

ITEMS IN BOX



	ANTHRACITE	WHITE	BLACK
1	L191	L195	L193

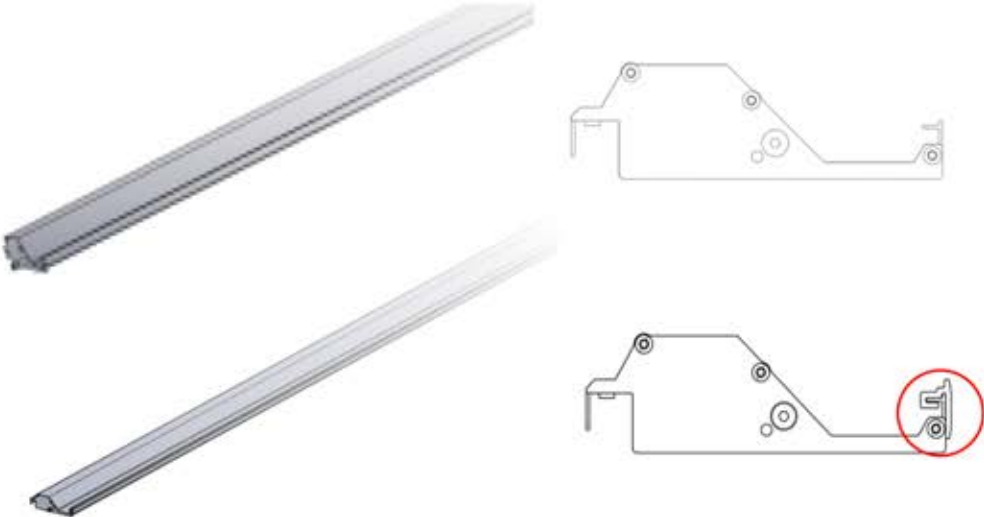


PN-200002714

24x



	ANTHRACITE	WHITE	BLACK
2	L203	L207	L205



PN-200002714

6x

PN-200002718

1x

ITEMS IN BOX



3

ANTHRACITE WHITE BLACK

B208 B212 B210



PN-200002746
2x



Premounted
PN-200002708
2x

ITEMS IN BOX



4

ANTHRACITE WHITE BLACK

B280 B195 B192



PN-200002993
1x



PN-200002995
1x



PN-200002974
1x



PN-200002861
1x



PN-200002972
1x

ITEMS IN BOX



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



ANTHRACITE WHITE BLACK

4

B280

B195

B192



PN-200002973

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



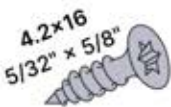
PN-200003031
1x



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.



4

ANTHRACITE WHITE BLACK

B280 B195 B192



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



	ANTHRACITE	WHITE	BLACK
	C120	C122	C121



PN-200002606
4x



PN-200003386
4x



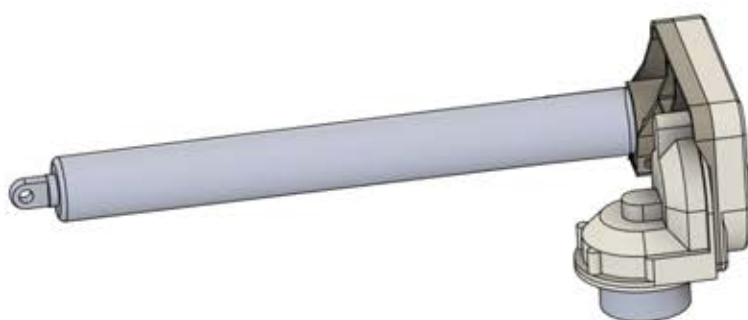
PN-200001514
4x

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.

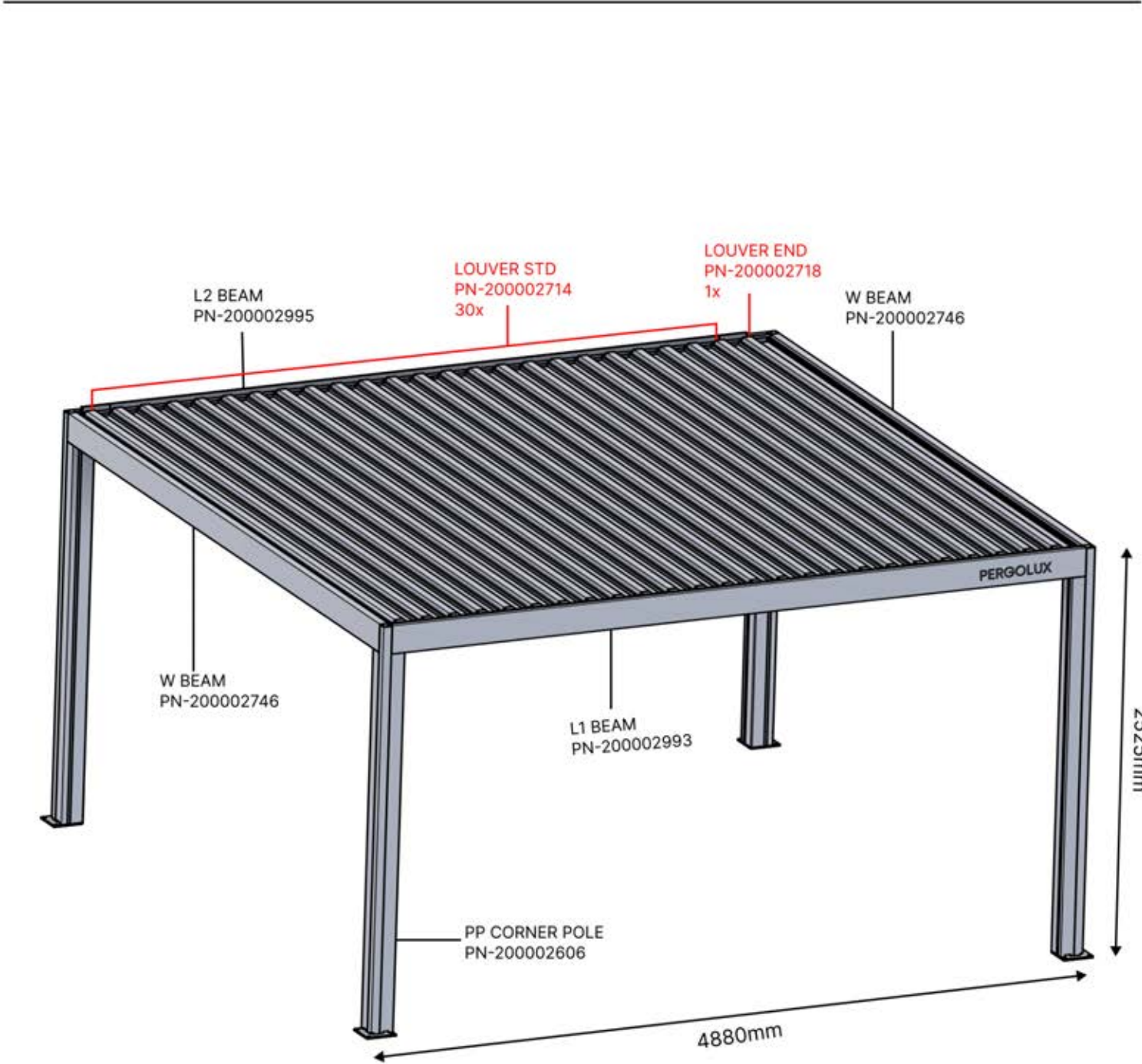
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



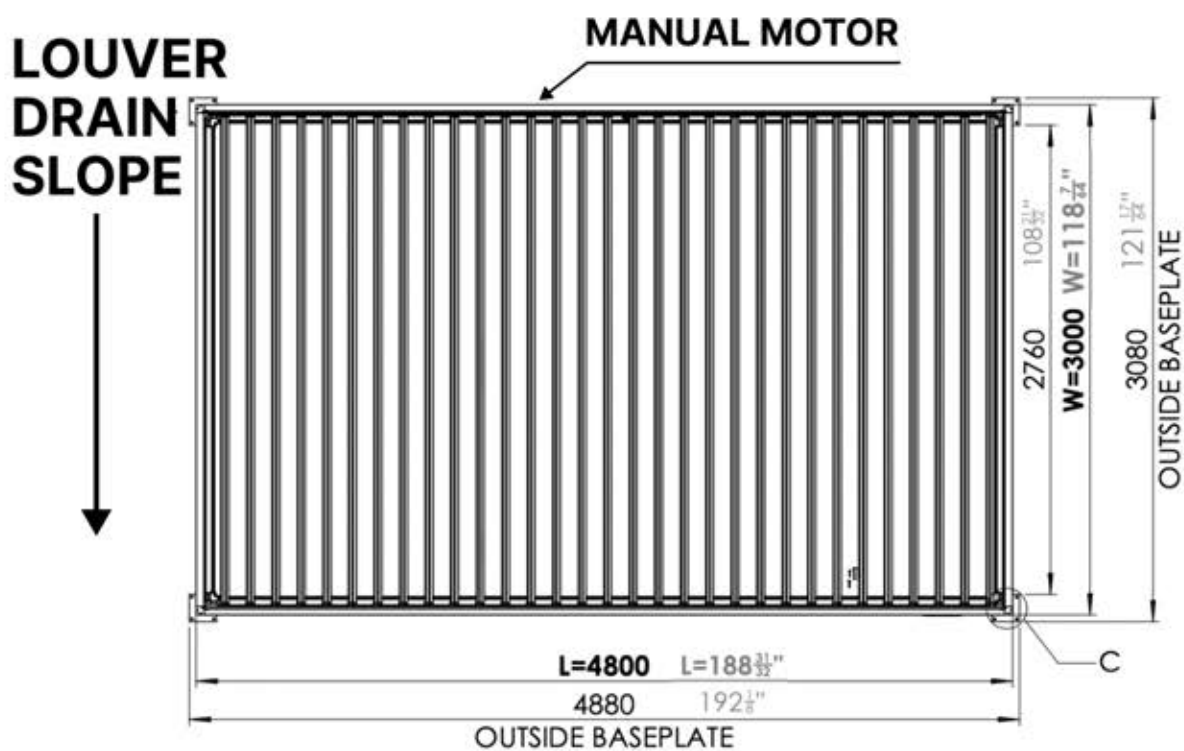
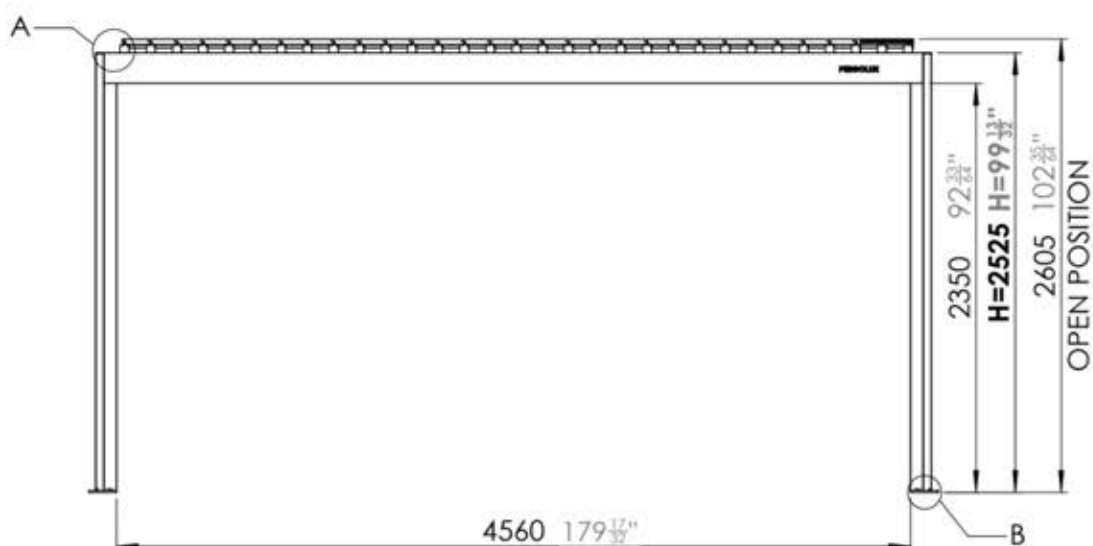
CONTROL BOX

[View Manual](#)

3 × 5 M / 10'x16'



3 X 5 M / 10' x 16'



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.

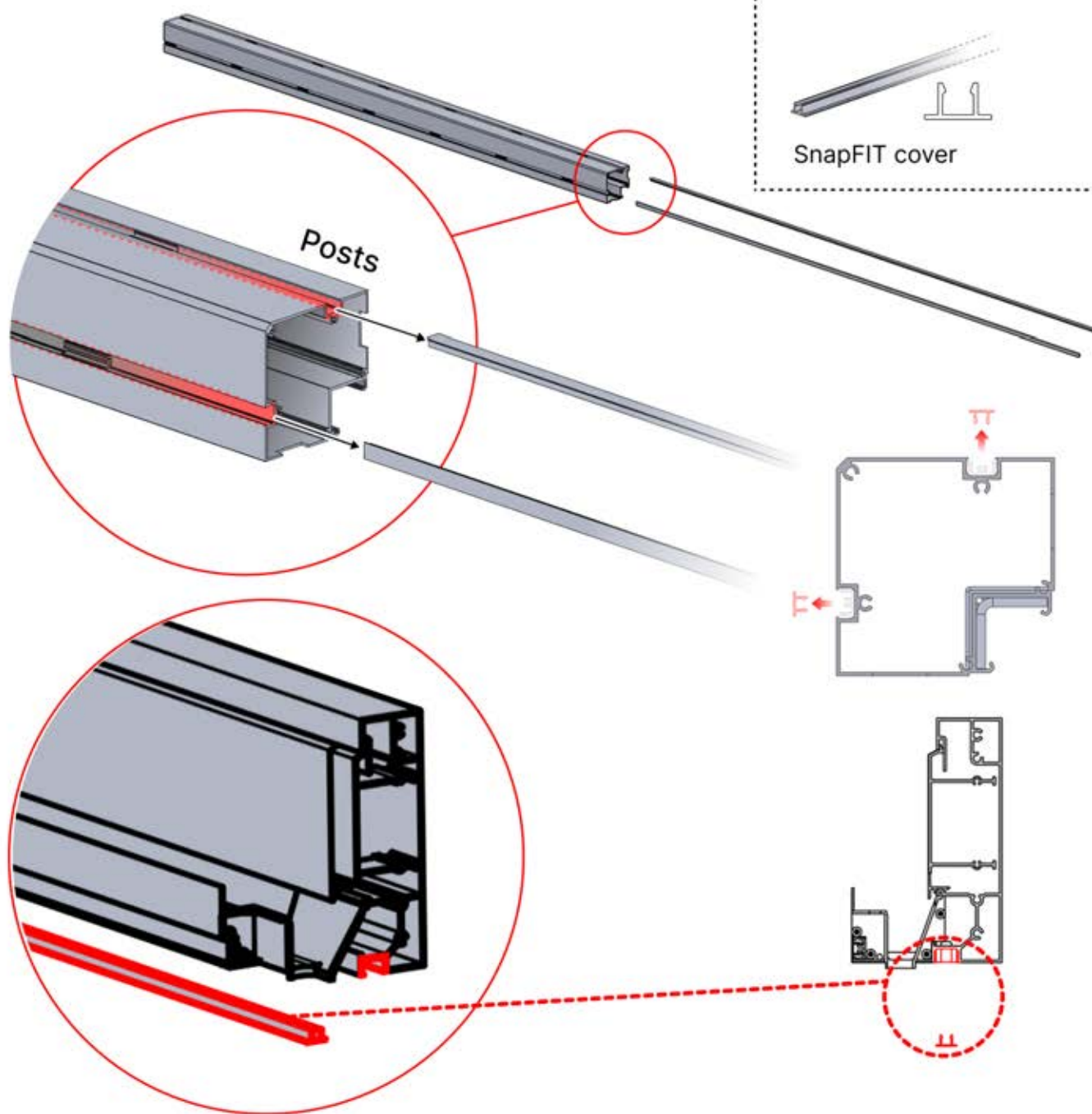
Cover and clips



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.

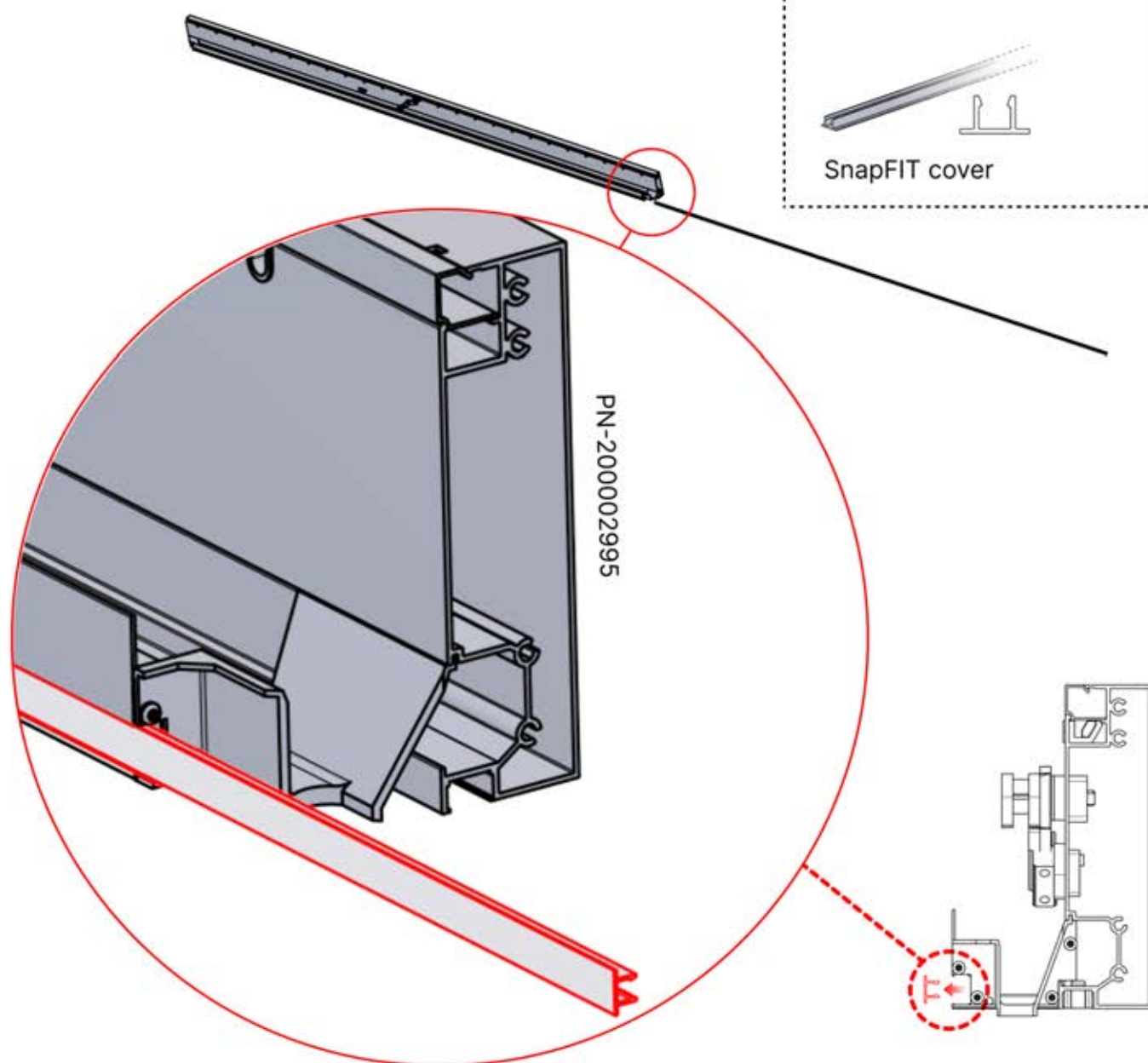
Cover and clips



PN-200000512
LED STRIP COVER CLIP



SnapFIT cover



INFORMATION



3

ANTHRACITE: B208
WHITE: B212
BLACK: B210



4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



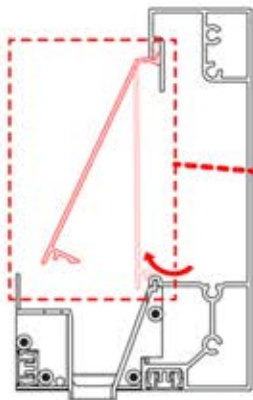
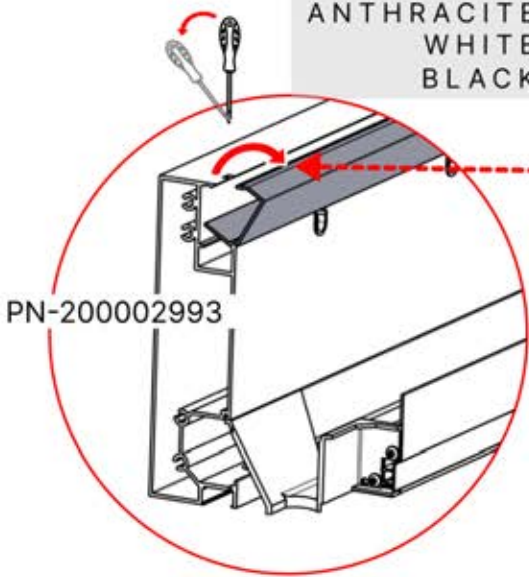
PN-200002746
2x



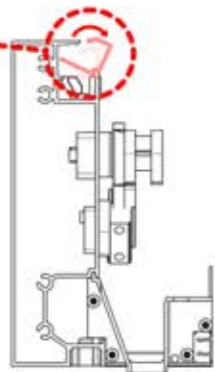
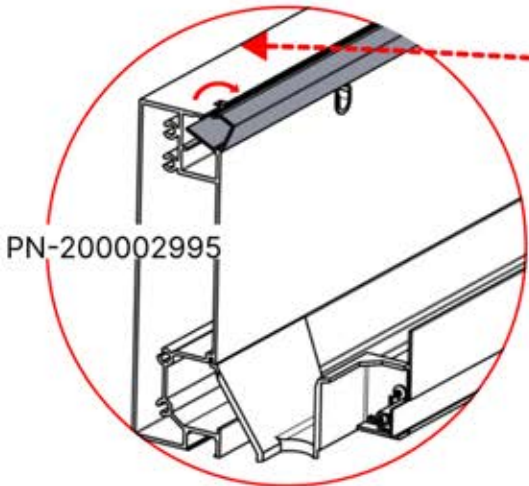
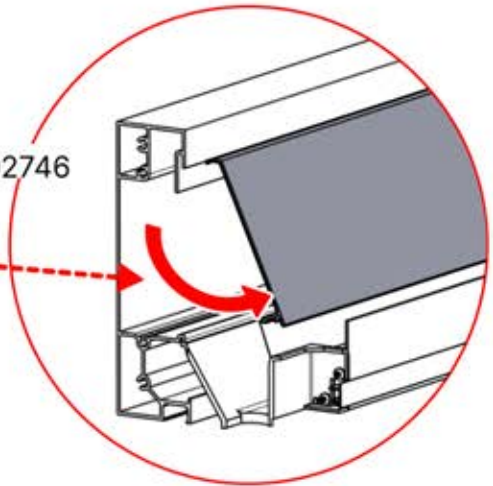
PN-200002993
1x



PN-200002995
1x



PN-200002746



01



5

ANTHRACITE: C120
WHITE: C122
BLACK: C121



4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200002606
4x

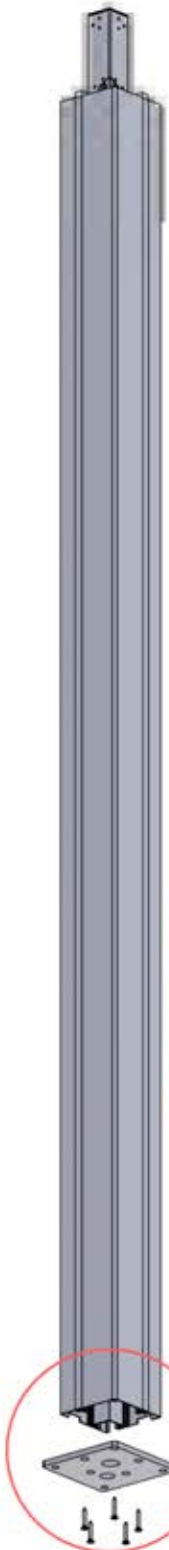


PN-200001514
4x



PN-200000560
20x

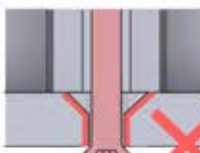
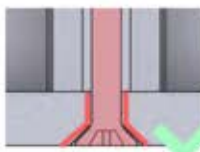
PN-20000
3280 Zip Bag



PN-200002606

PN-200001514

PN-200000560



PN-200000560

4

02



4

ANTHRACITE:	B280
WHITE:	B195
BLACK:	B192

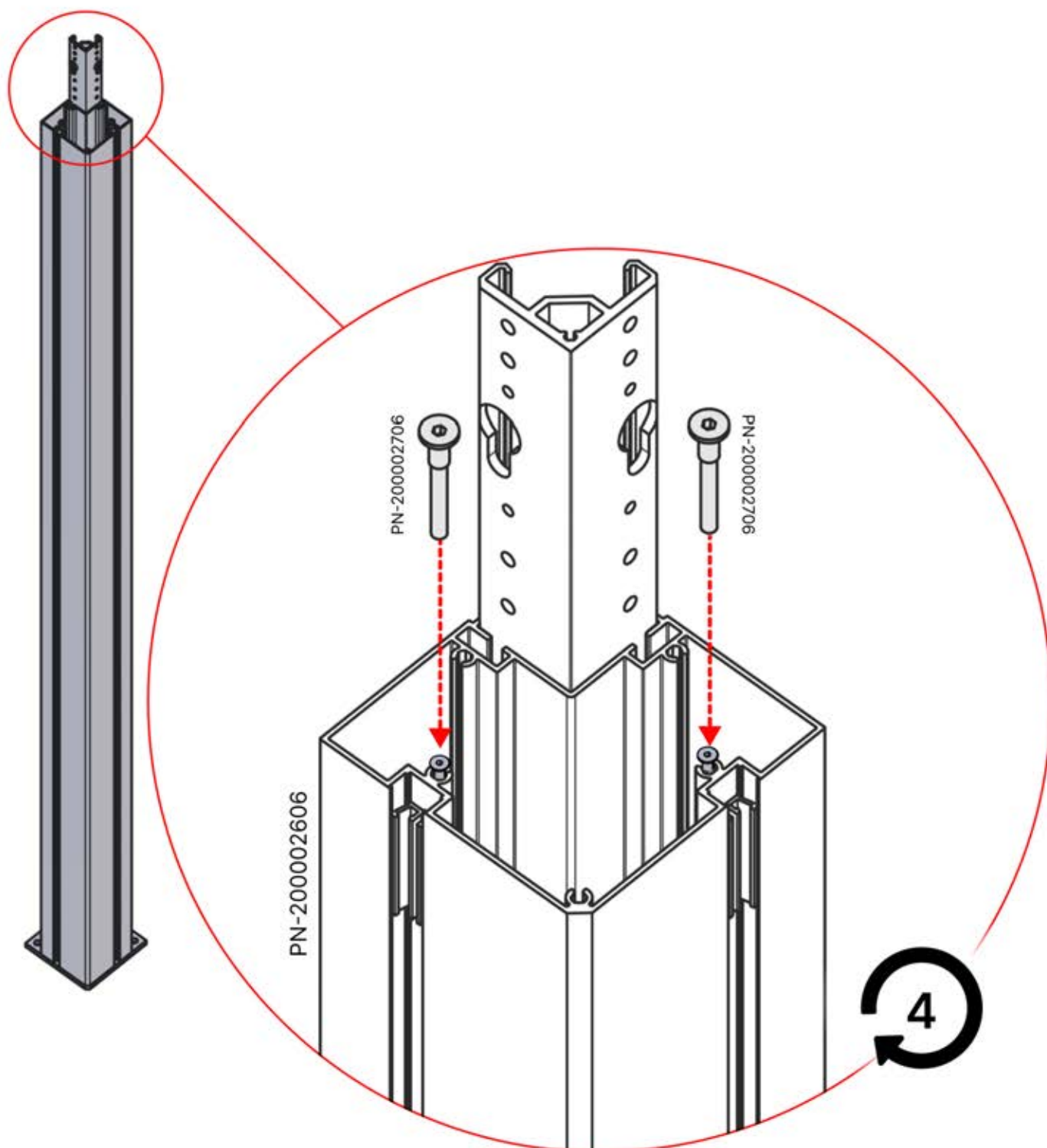


PN-200002706

8x

PN-20000
3342

Zip Bag



INFORMATION

x2

PERGOLUX
PERGOLUX

5

ANTHRACITE: C120
WHITE: C122
BLACK: C121

x7

PERGOLUX

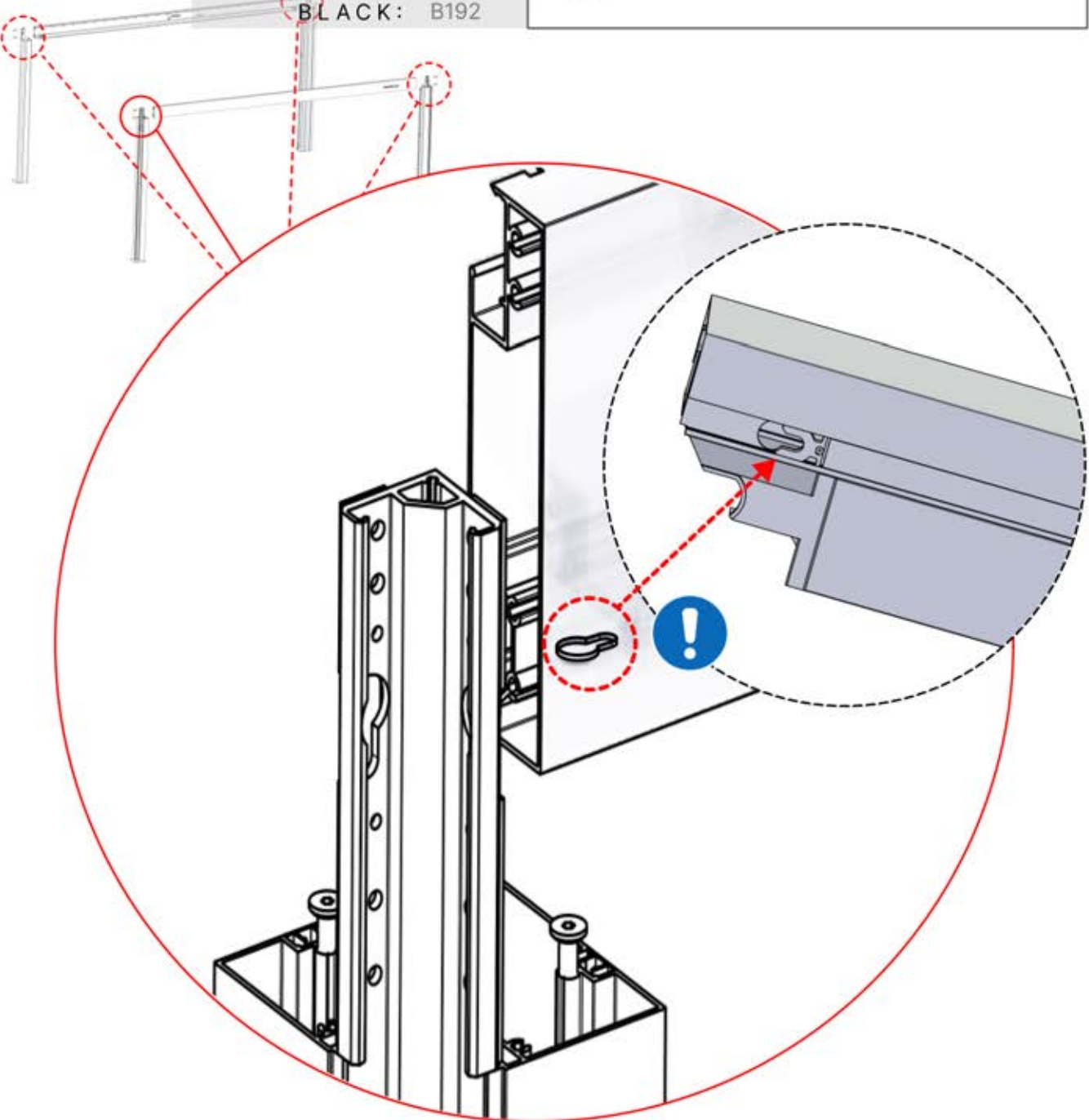
4

ANTHRACITE: B280
WHITE: B195
BLACK: B192

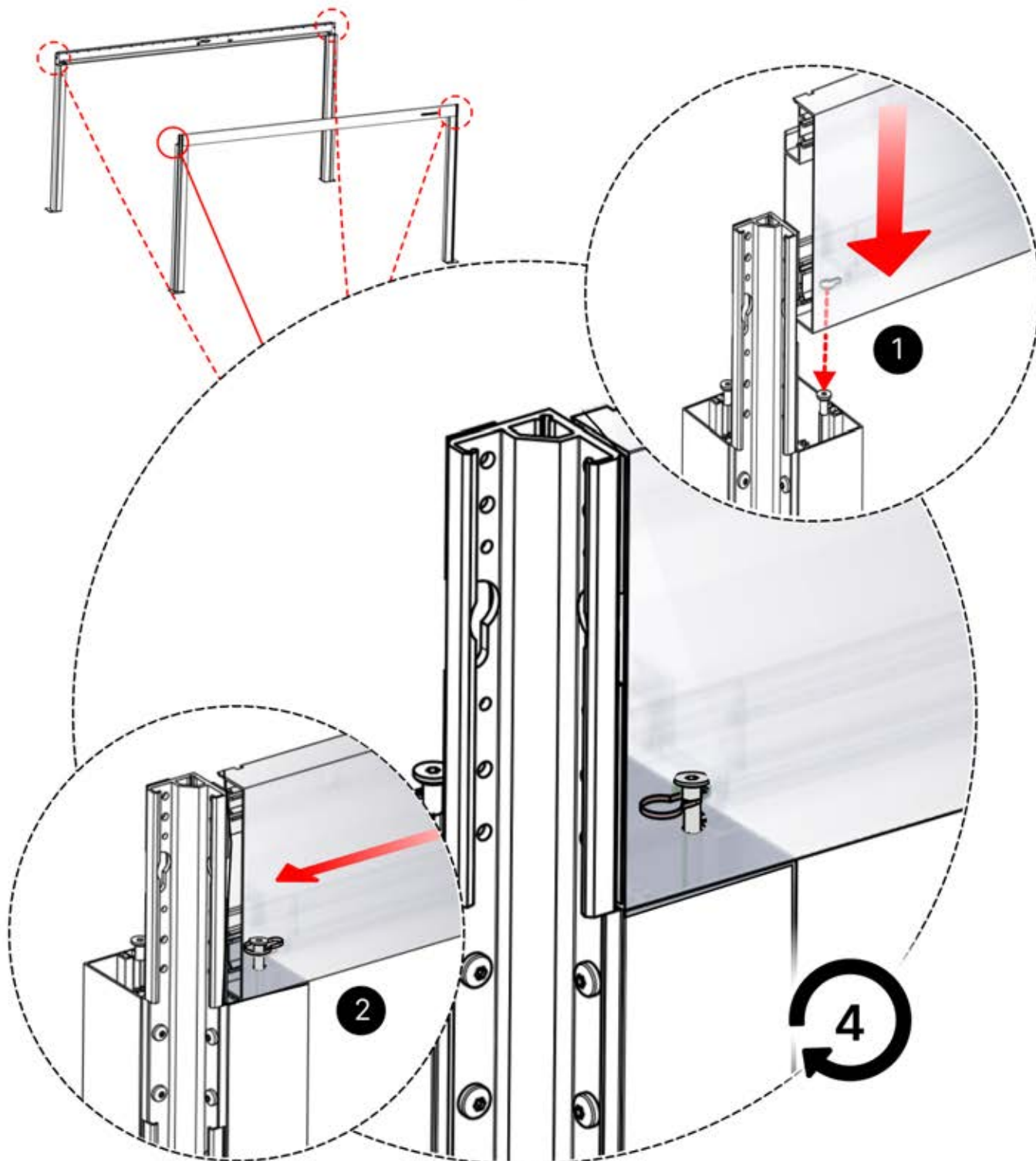
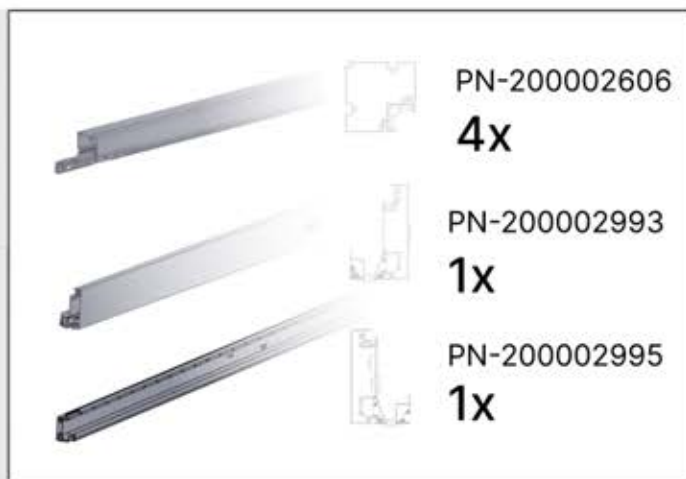
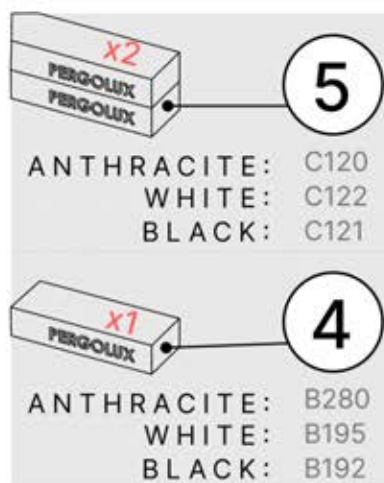
PN-200002606
4x

PN-200002993
1x

PN-200002995
1x



03



04

x7
PERGOLUX

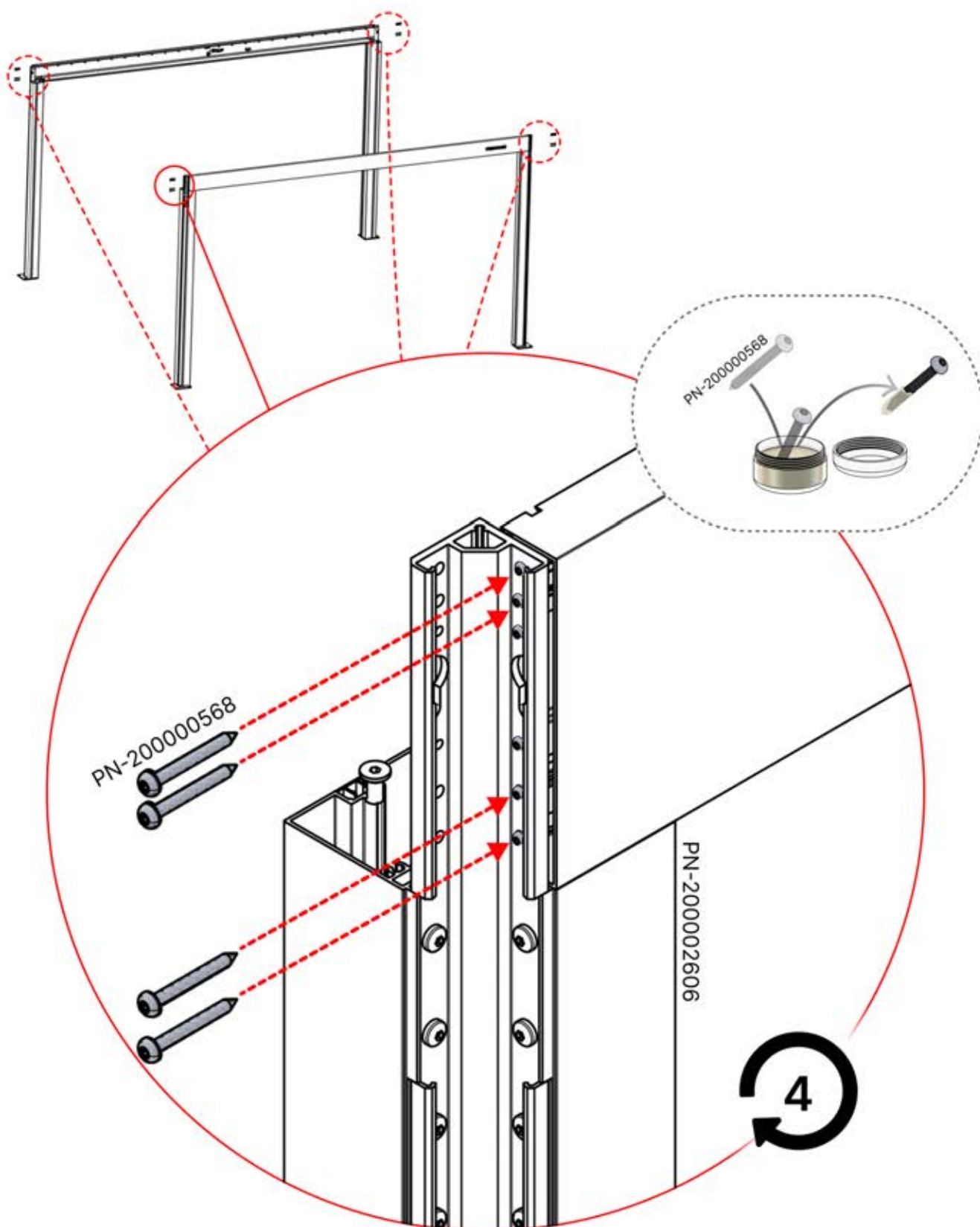
4

ANTHRACITE: B280
WHITE: B195
BLACK: B192

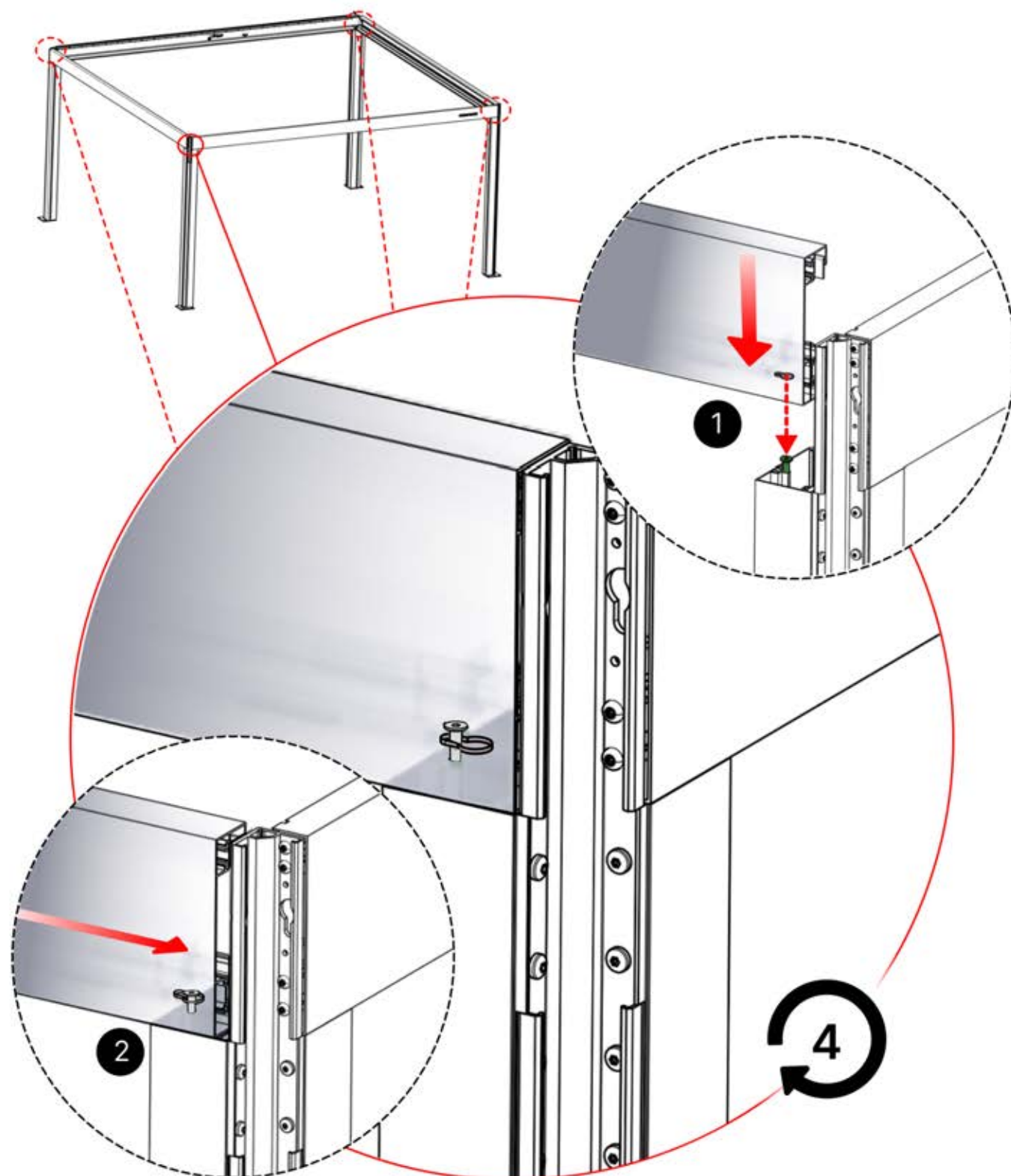
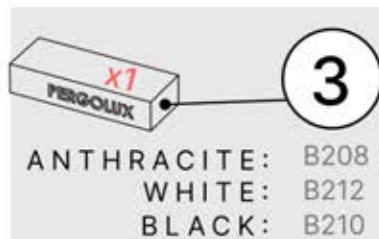
PN-200000568
16x

PN-20000
3279

Zip Bag



05



06



4

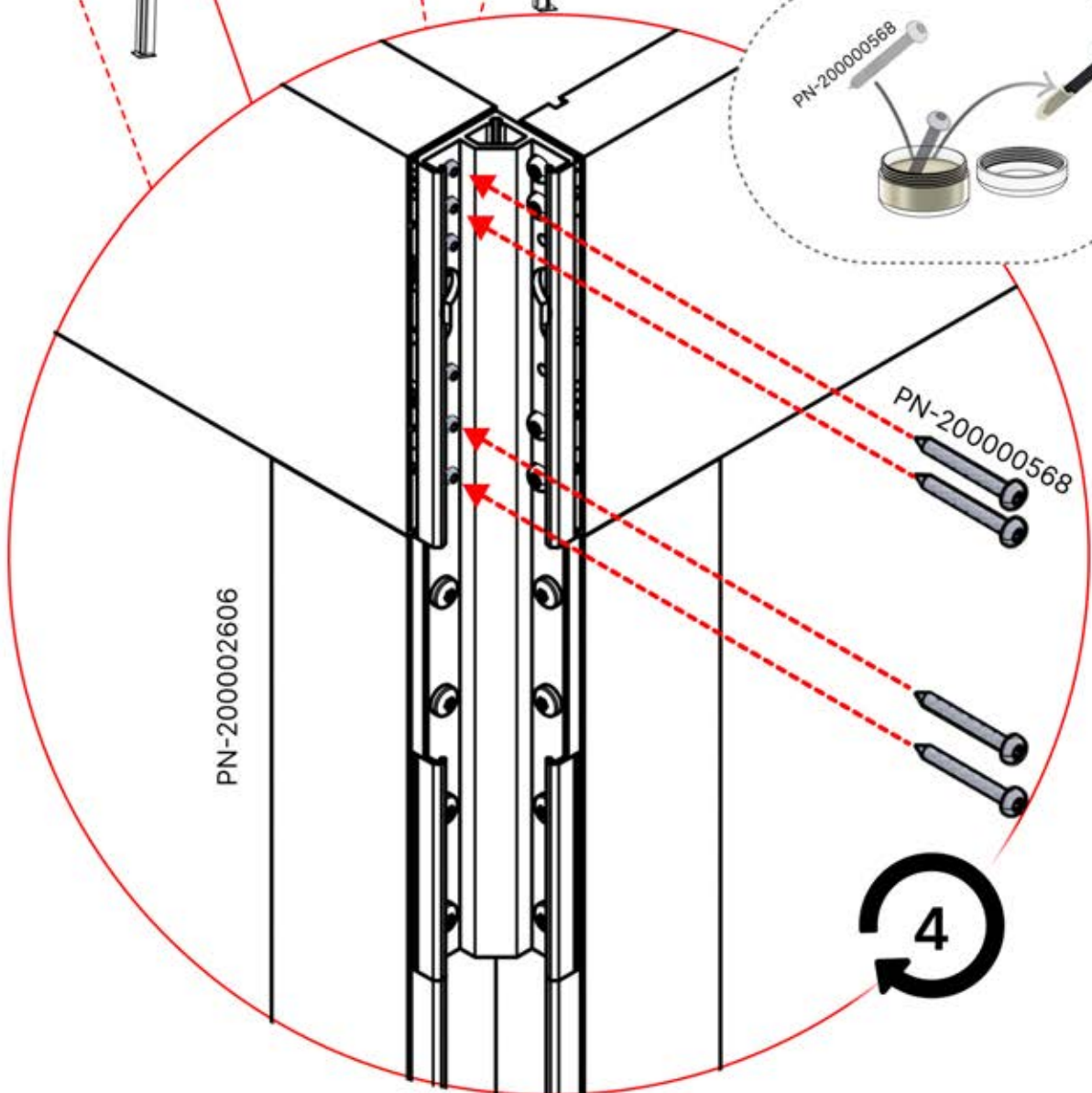
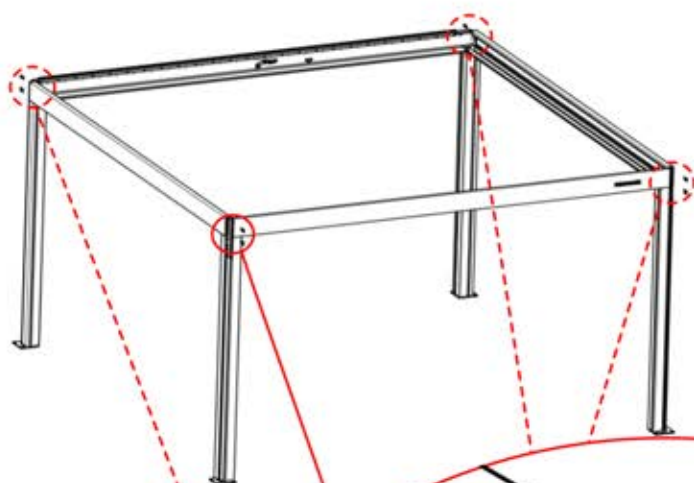
ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200000568

16x

PN-20000
3279



07



4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



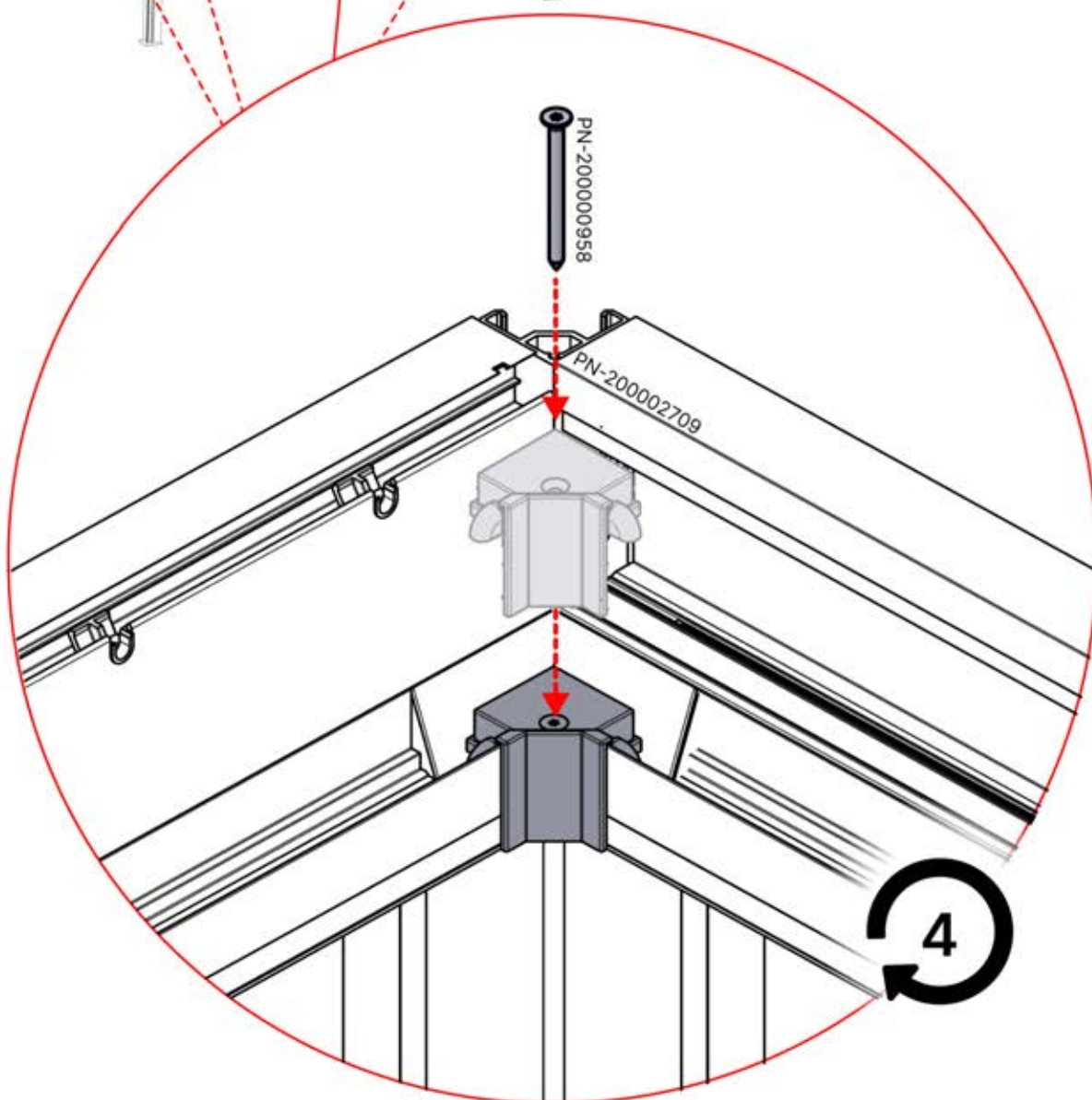
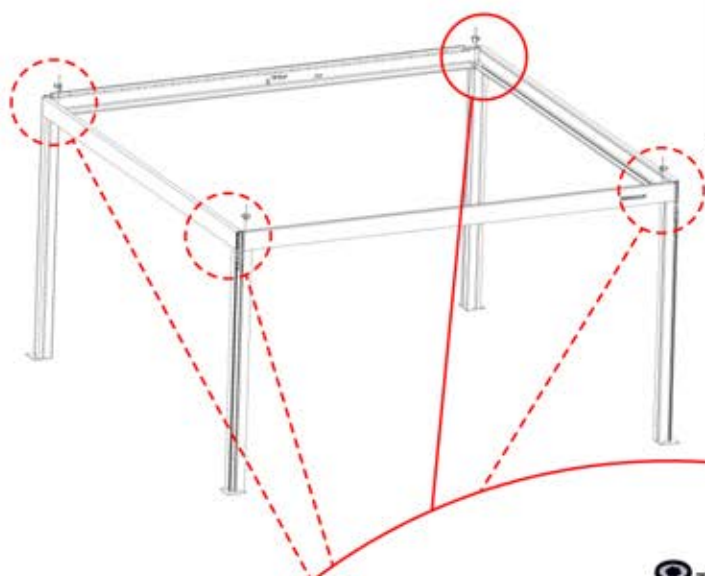
PN-200002709
4x



PN-200000958
4x

PN-20000
3310





INFORMATION

Have you ordered LED-Lights?

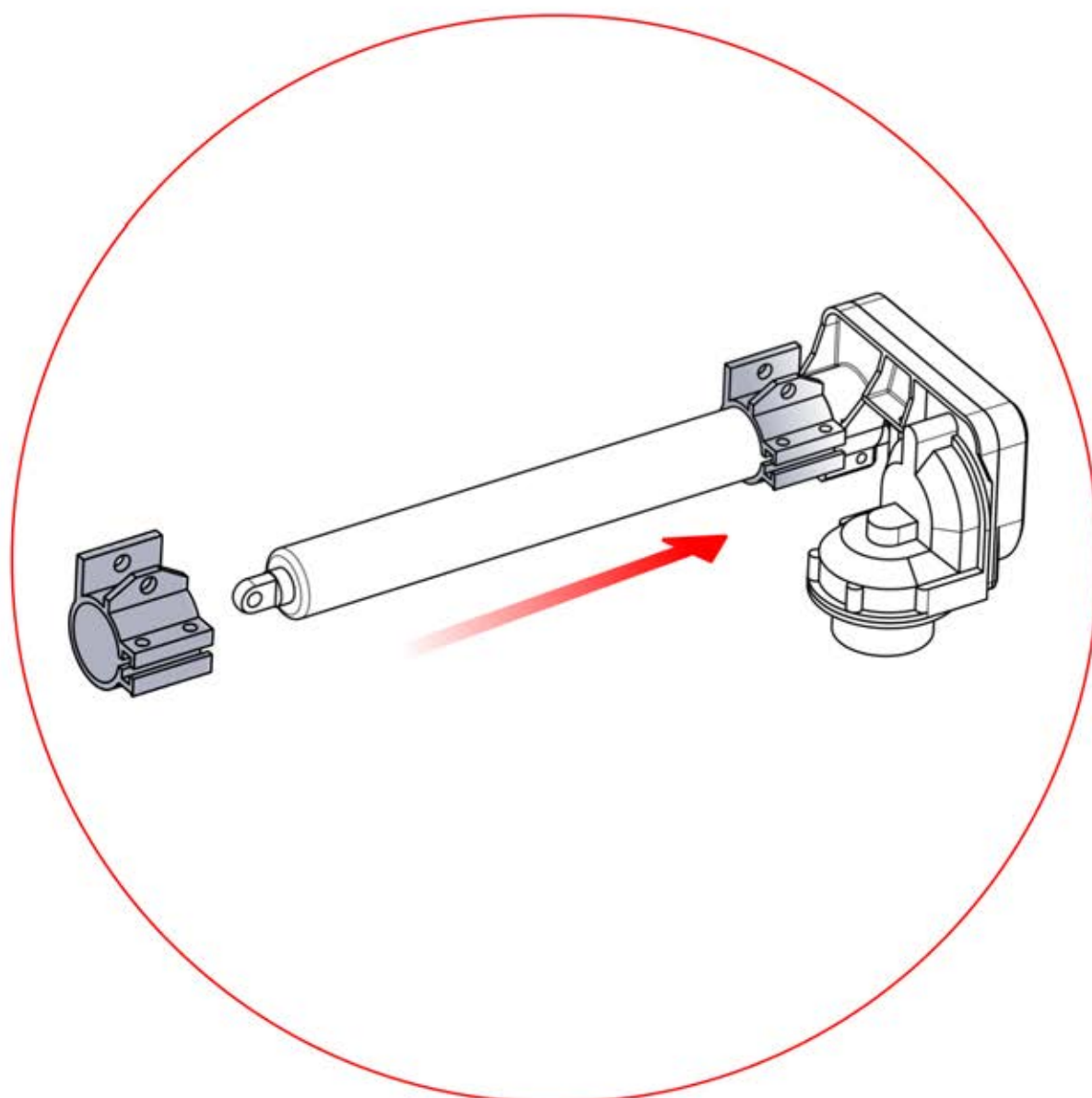
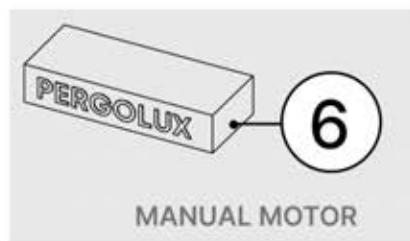
Now is the time to start the assembling.



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



08



09

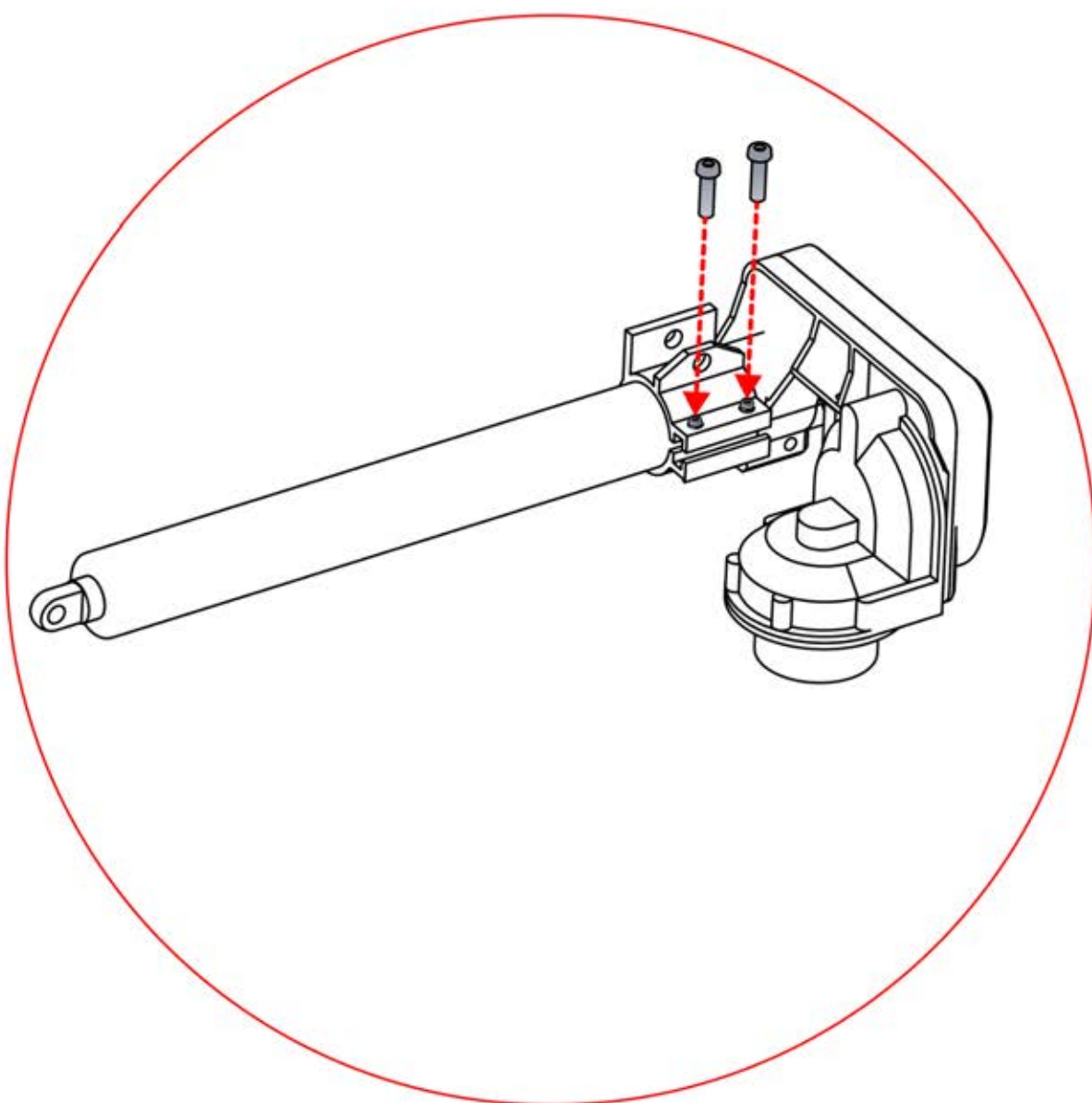


MANUAL MOTOR



PN-200001625

2x



10

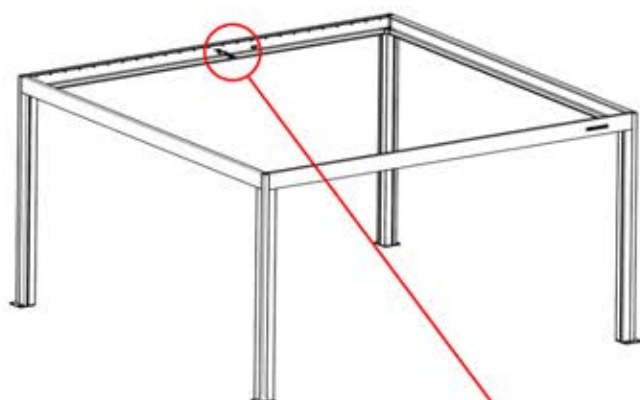


4

ANTHRACITE: B280

WHITE: B195

BLACK: B192





PN-200003318
1x



PN-200003317
1x



PN-200000511
2x



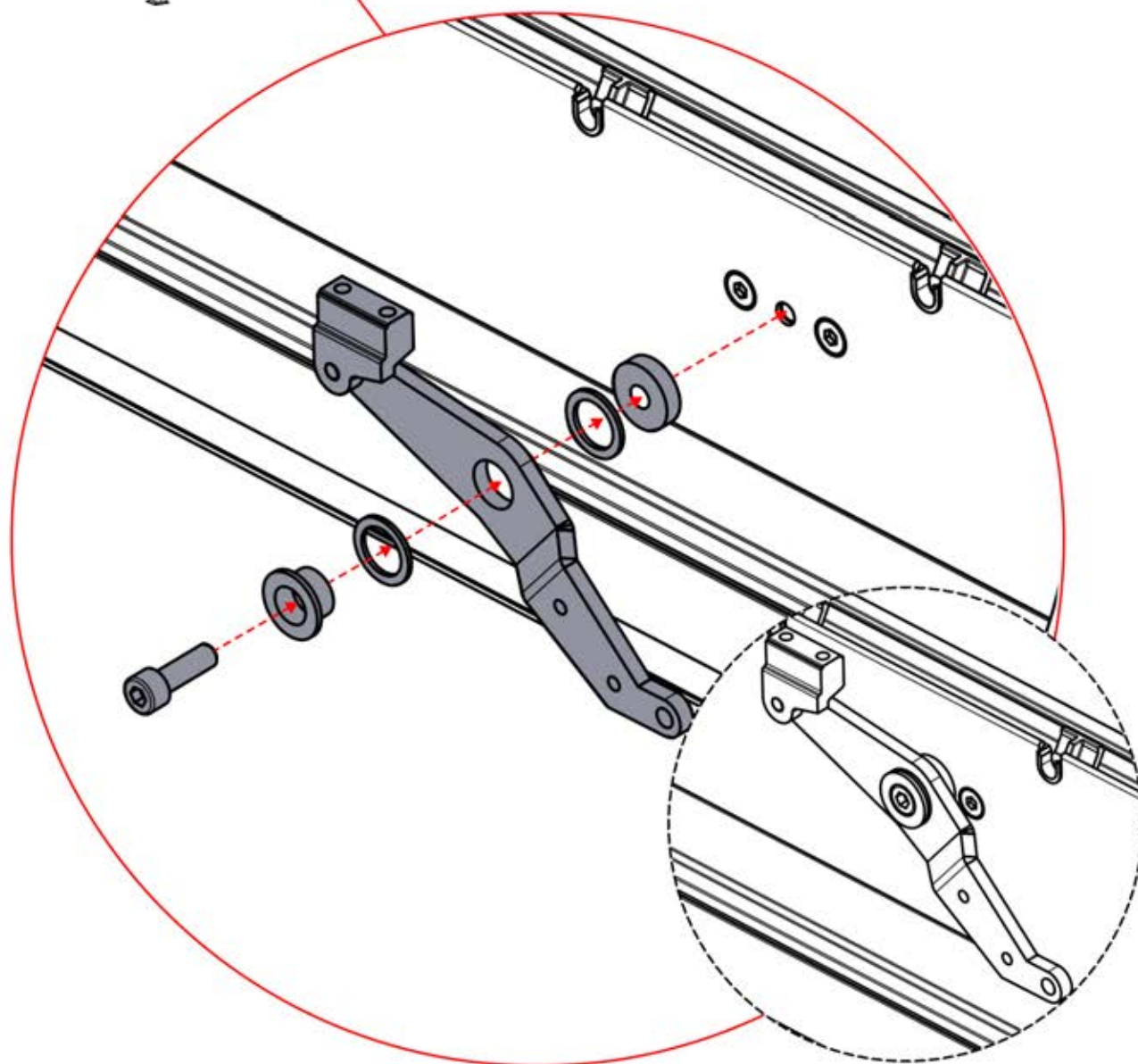
PN-200000502
1x



PN-200000561
1x

PN-20000
3319





11



4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200003367
1x



PN-200000853
2x

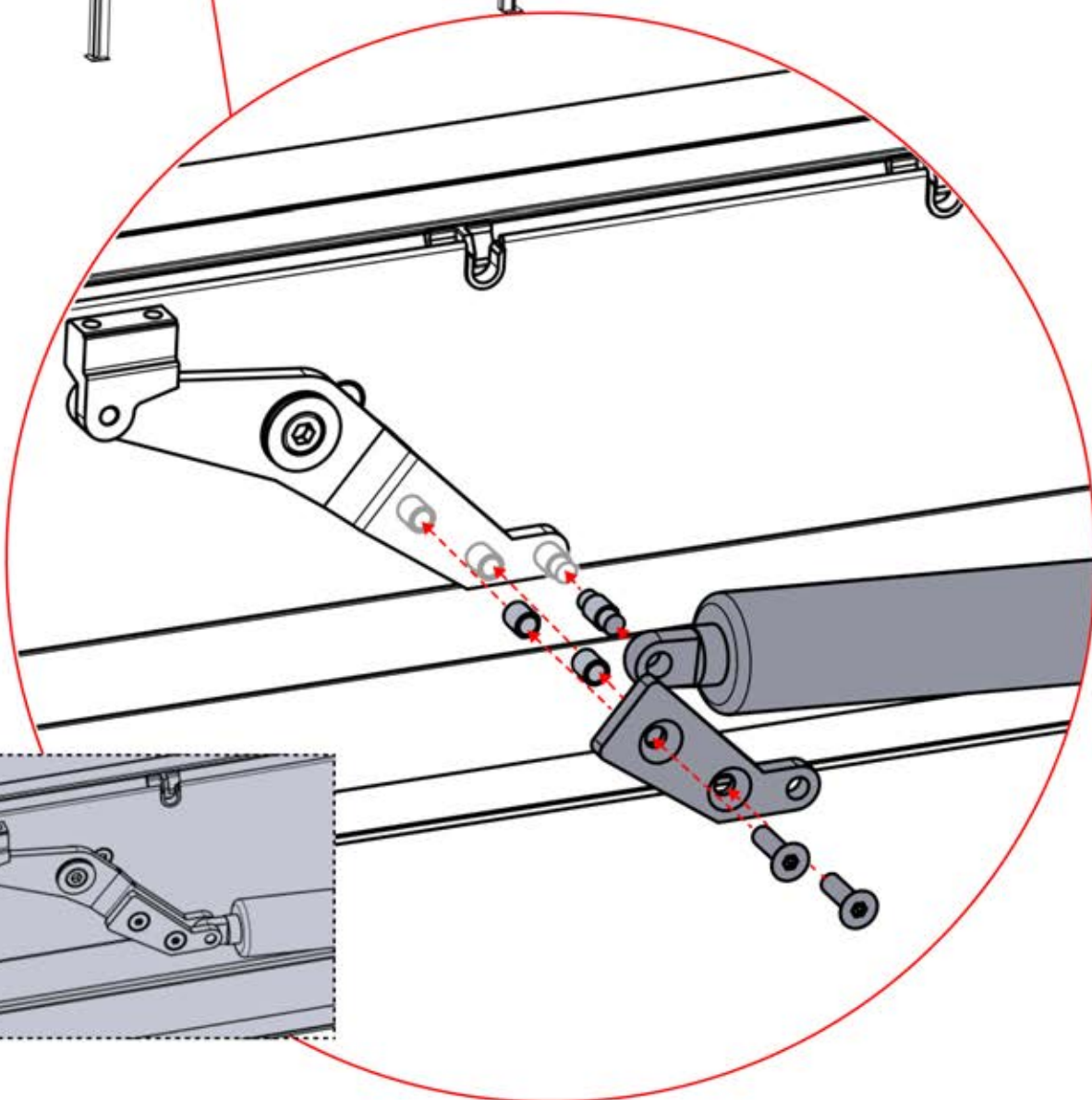
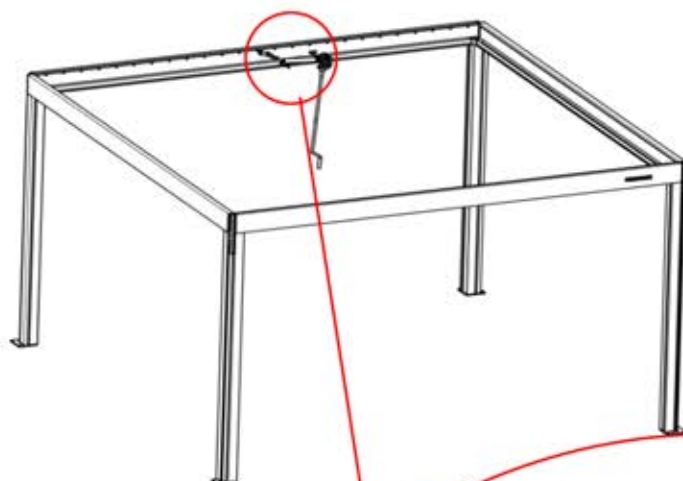


PN-200003370
1x

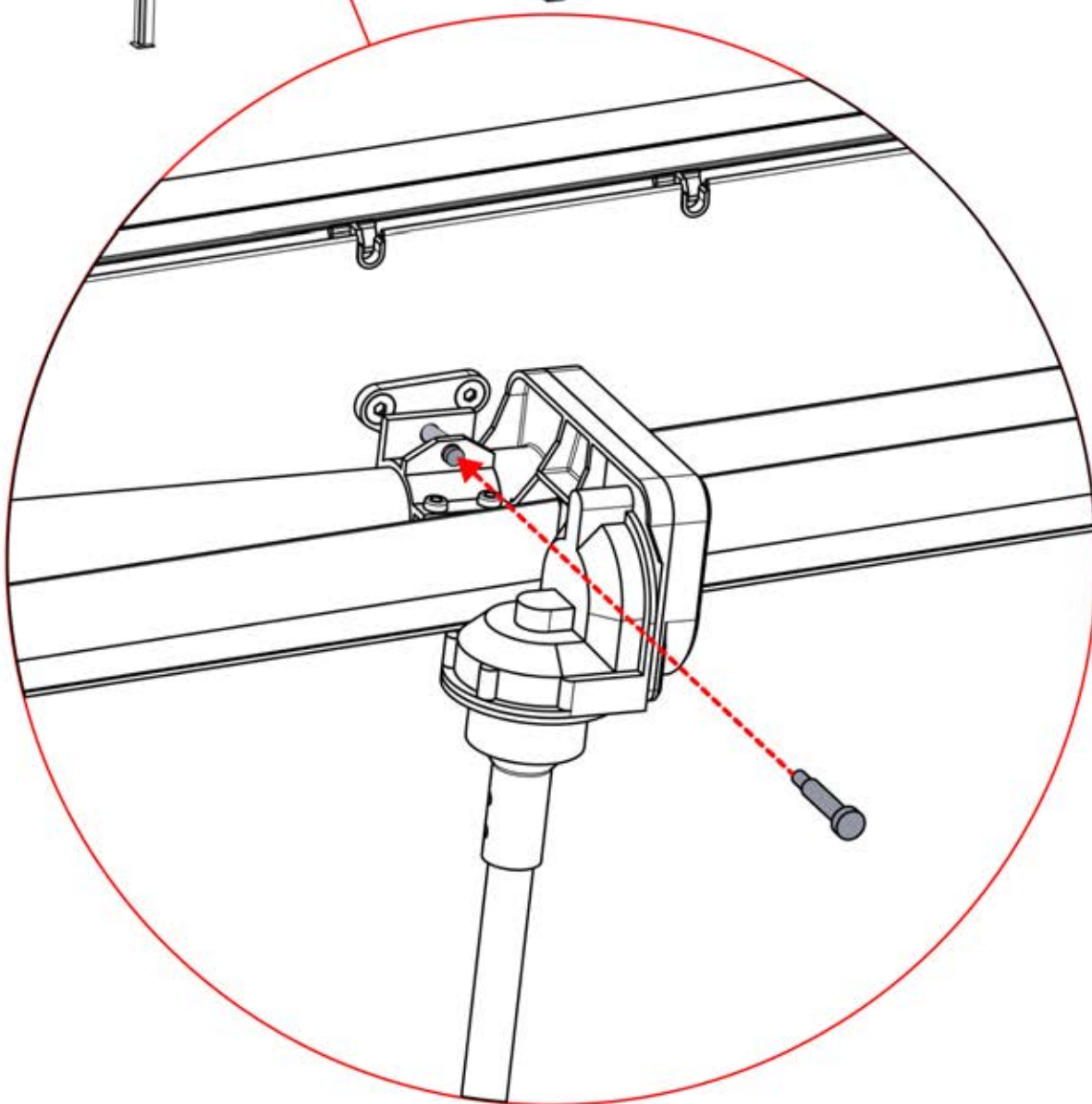
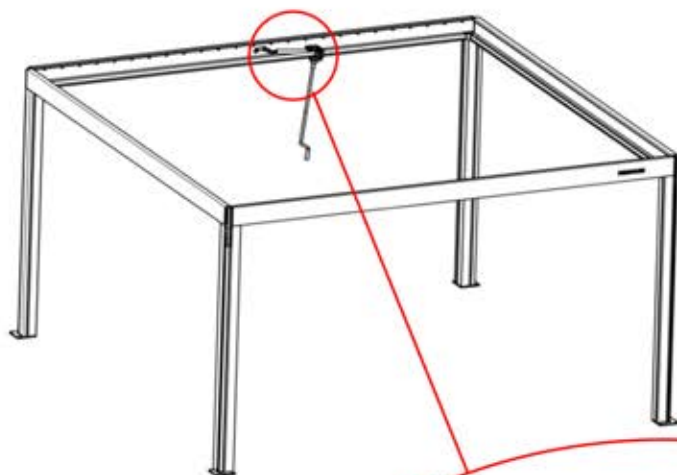
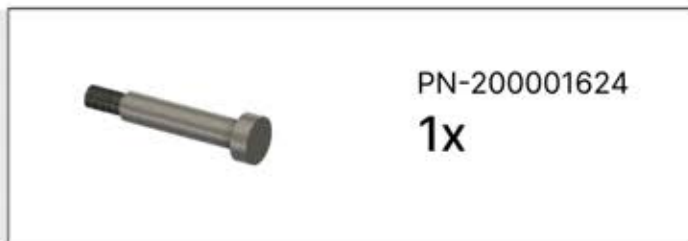
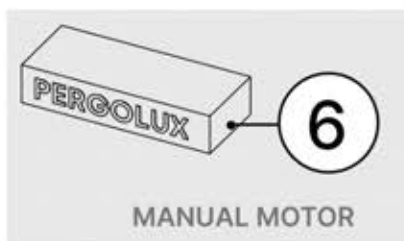


PN-200003368
2x

PN-20000
3319



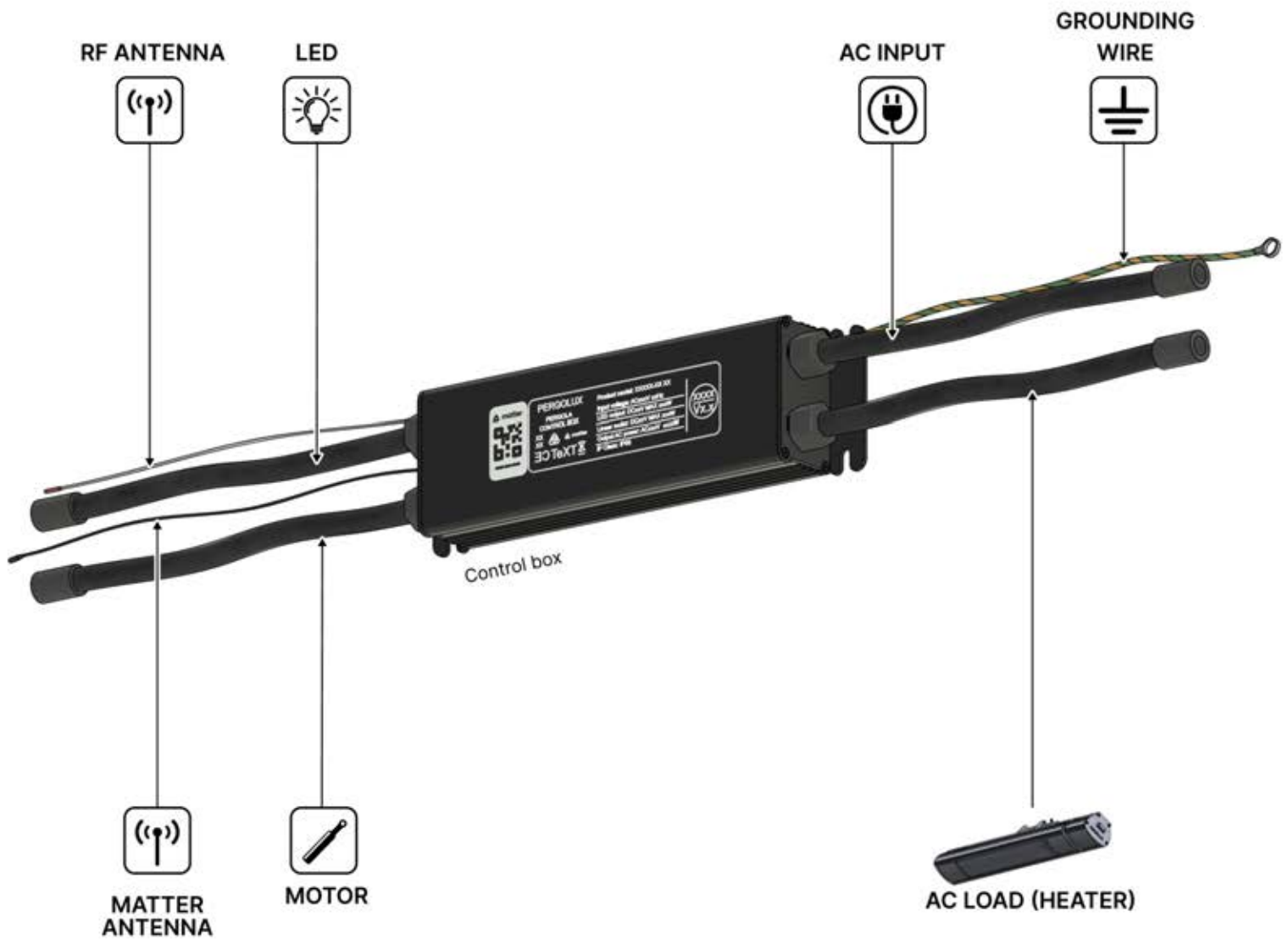
12



INPUTS AND OUTPUTS



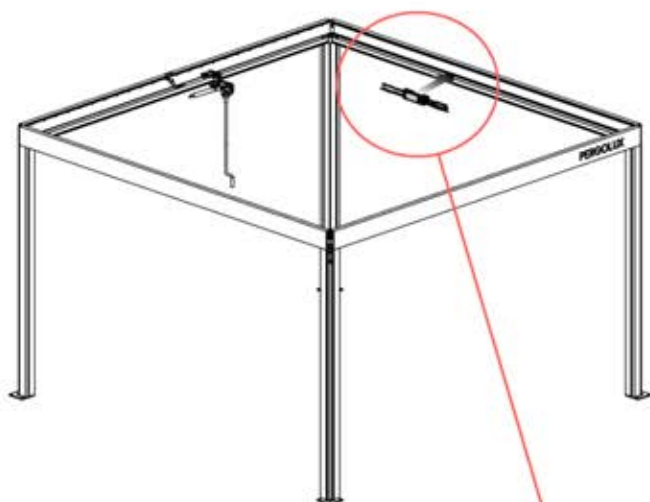
** Only if you ordered LED lights to your pergola.



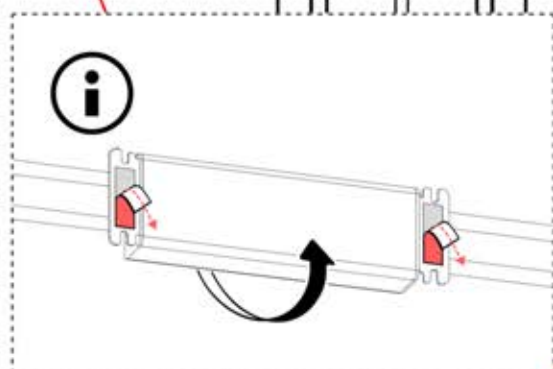
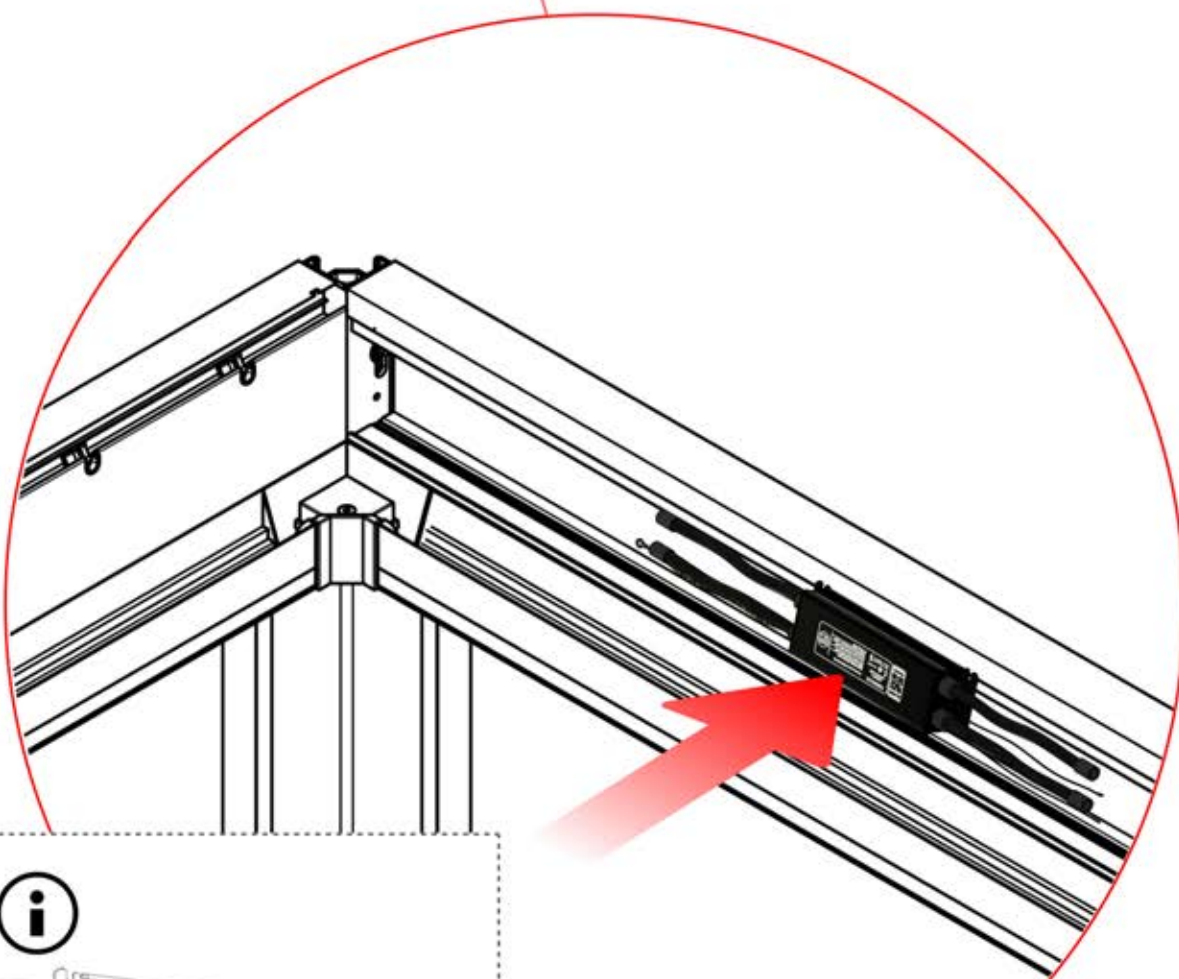


**** Only if you ordered LED lights to your pergola.**

13




Control Box can be
installed on
Preferred W BEAM





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

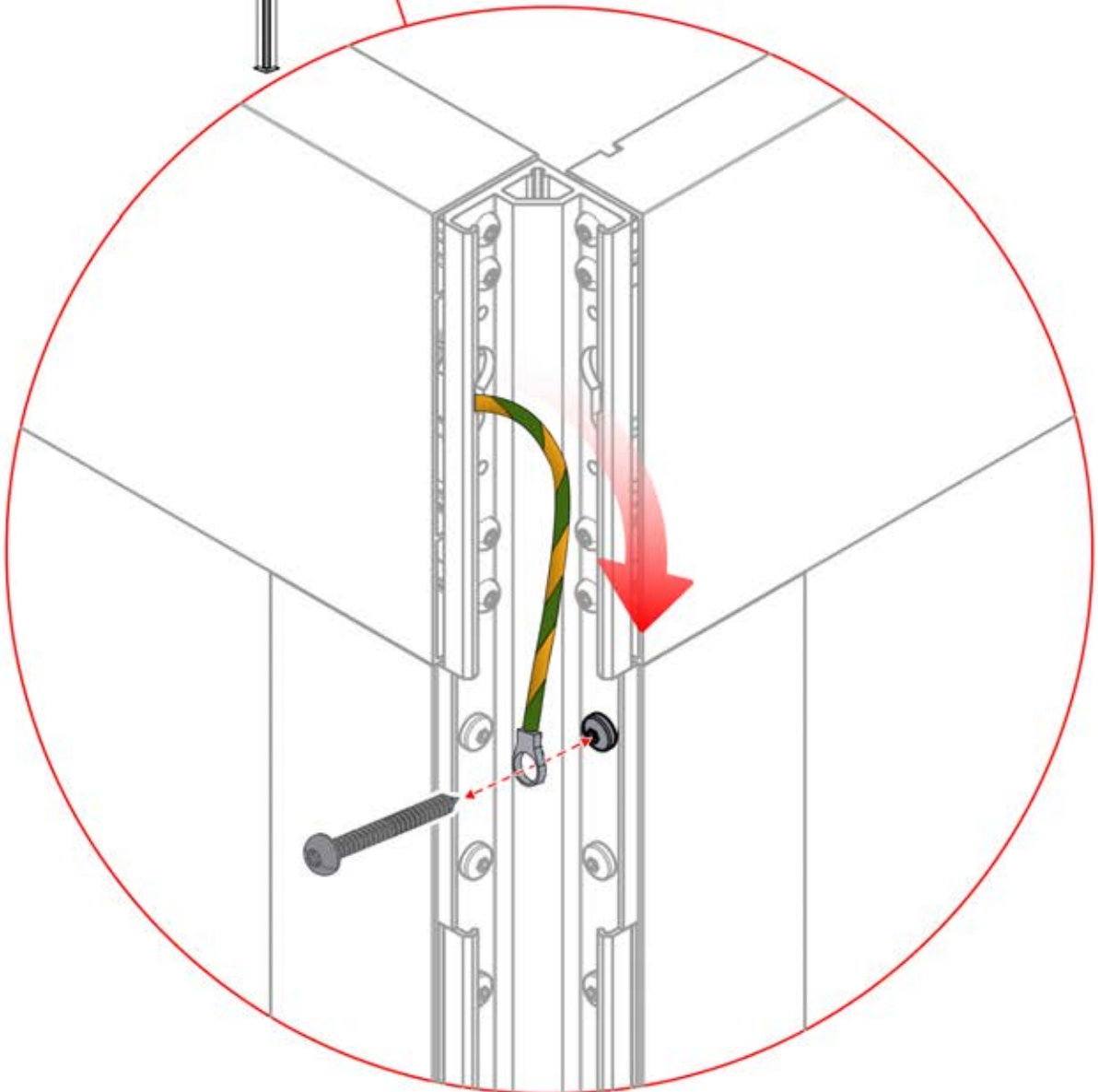
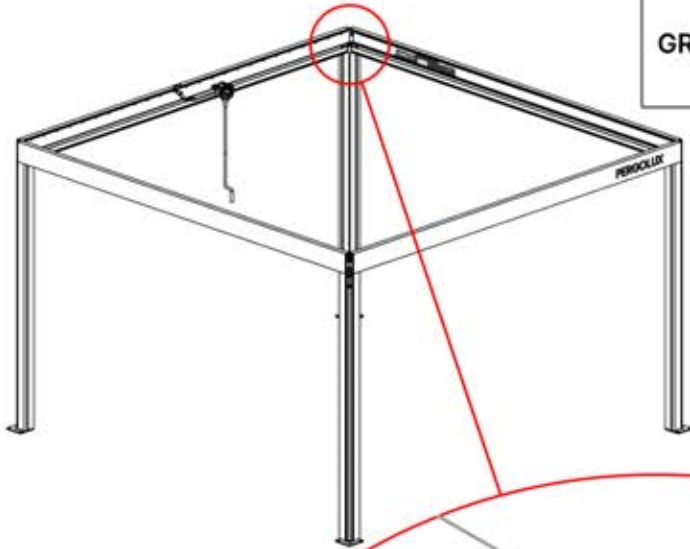
14



Connect grounding
wire before connecting to
power!



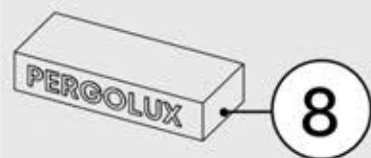
GROUNDING





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

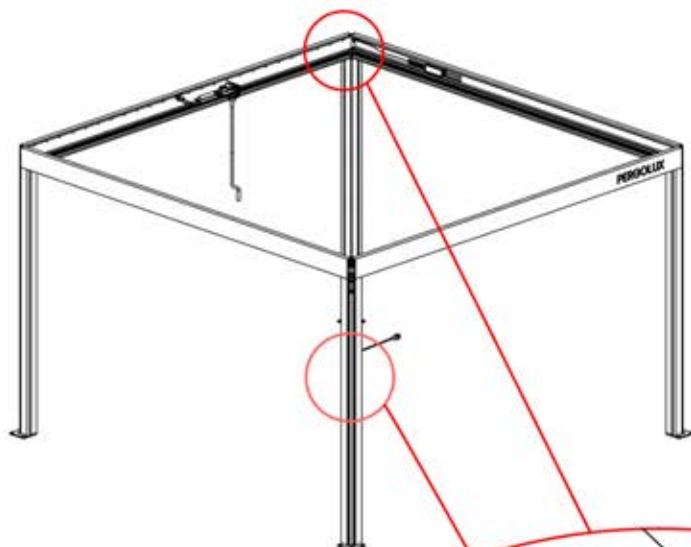
15



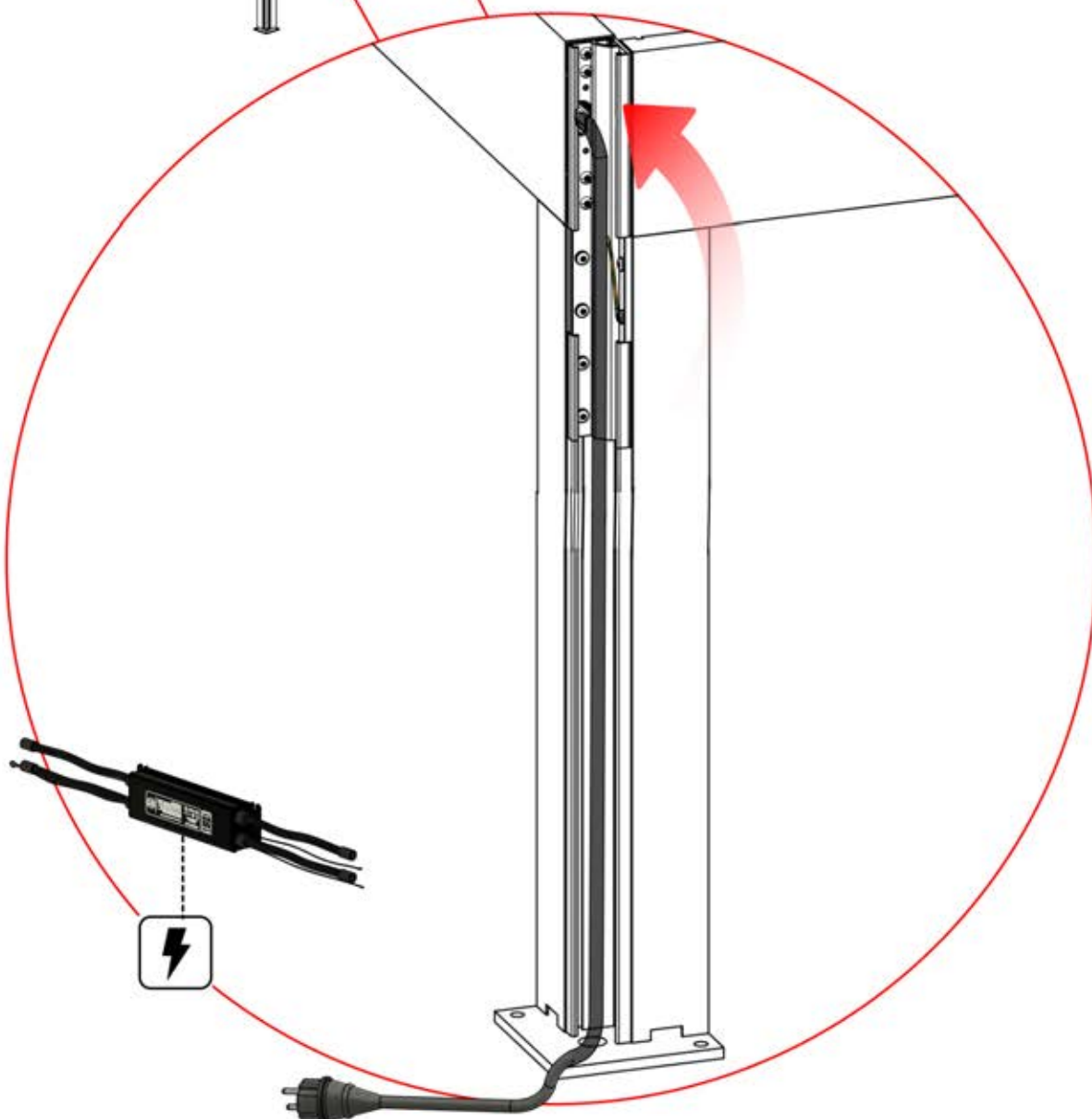
POWER CABLE



Power cable
PN-200003781
1x



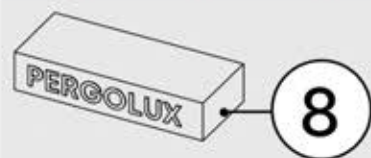
Power Cable can be
routed through all
the Poles.





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

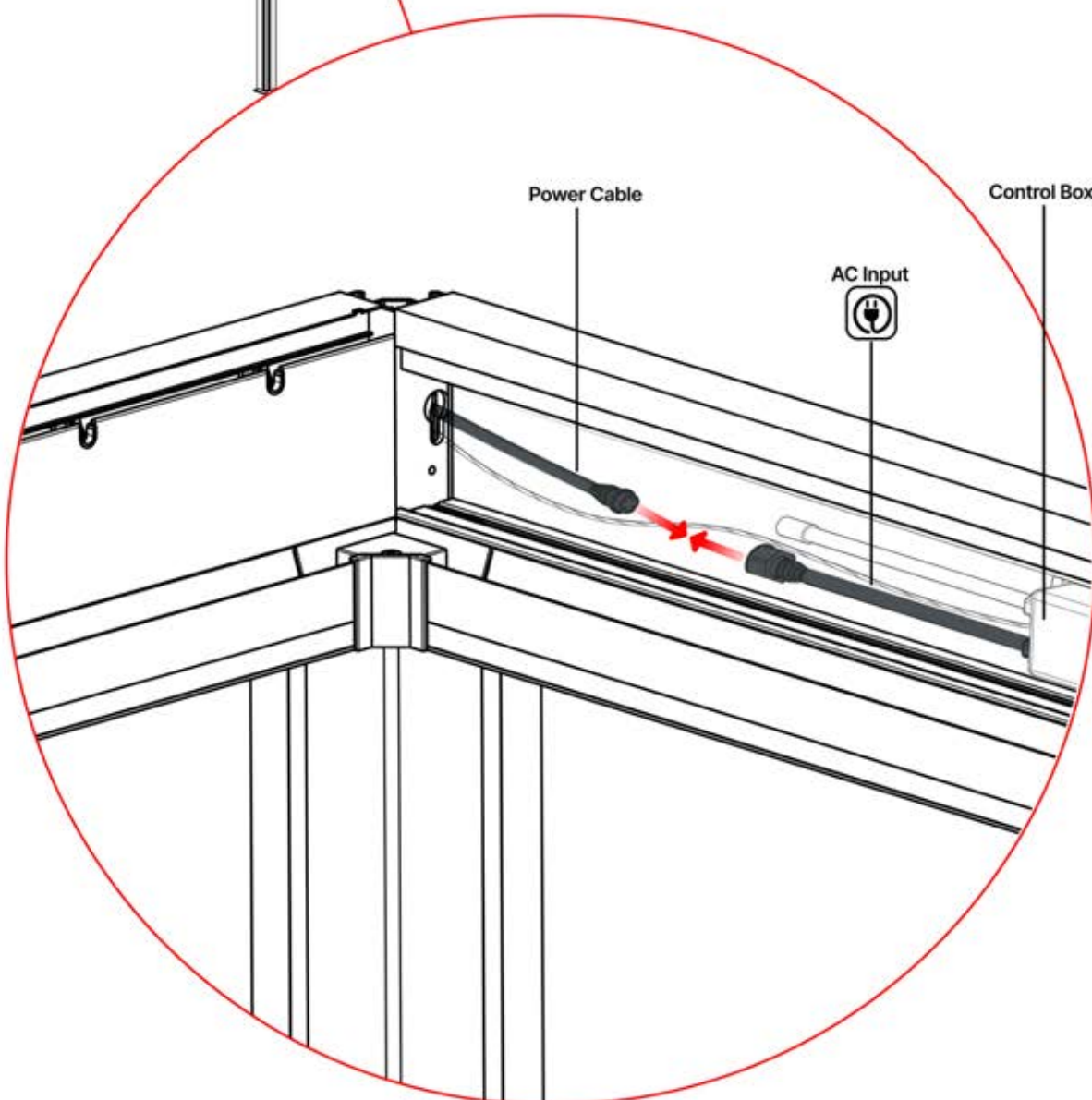
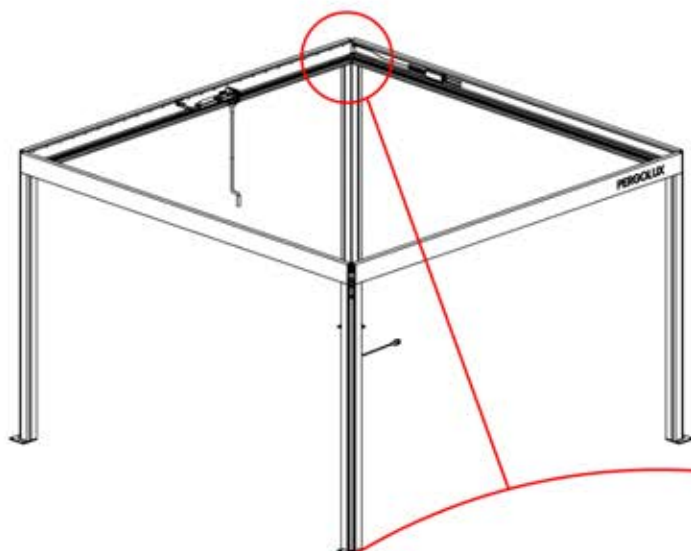
16



POWER CABLE



Power cable
PN-200003781
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.

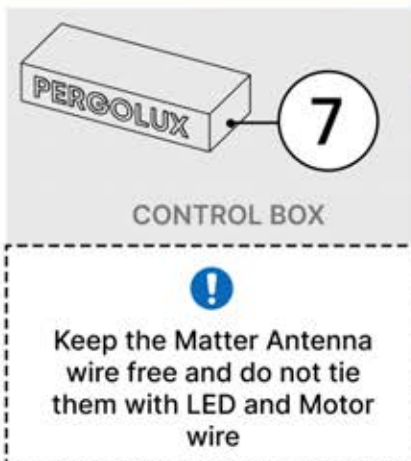
Follow the instruction in the assembly manual.





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

18



S4



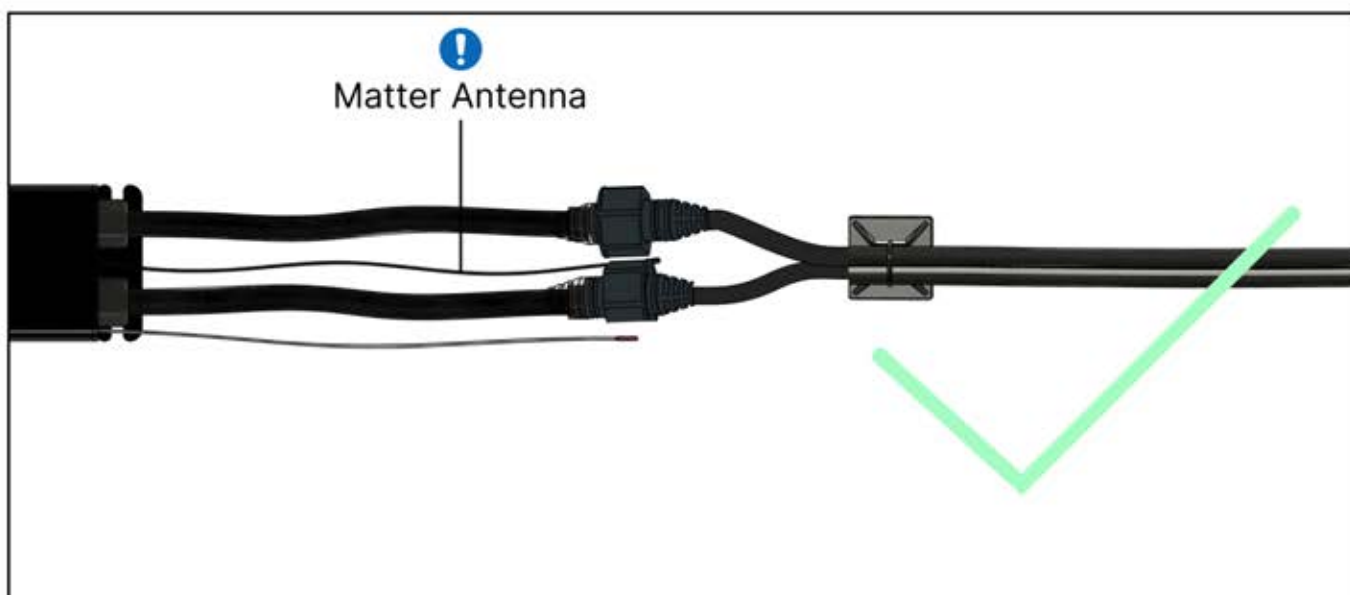
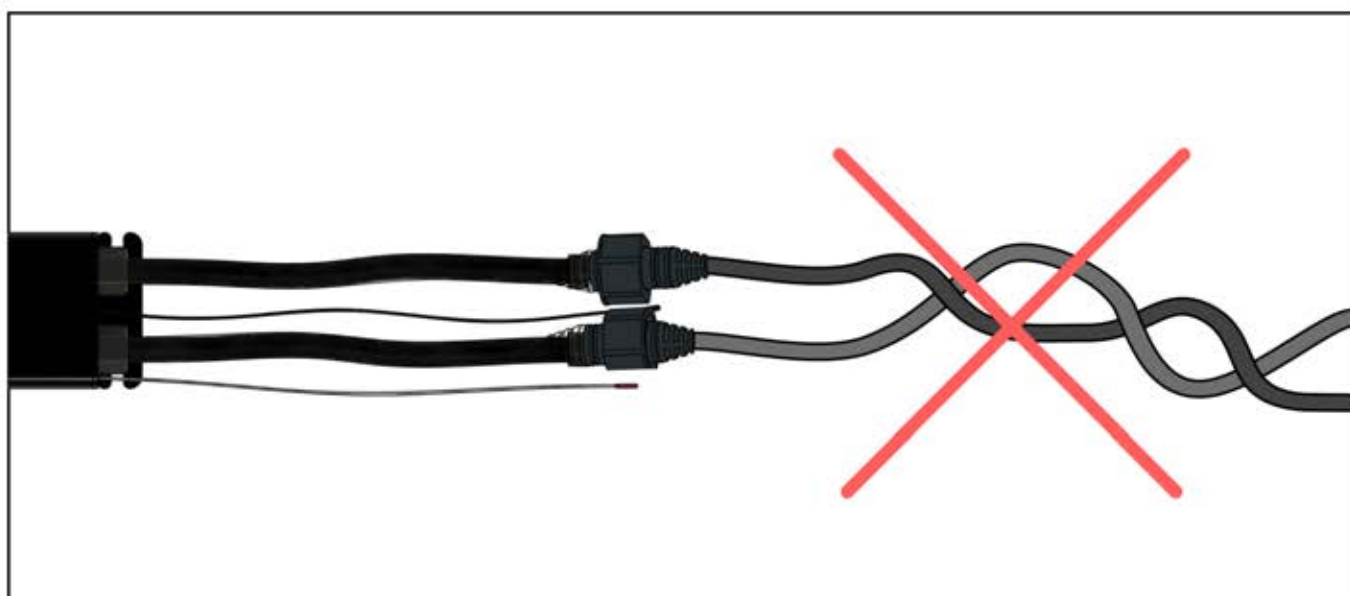
PN-200002683

5x



PN-200002684

10x



19

x7
PERGOLUX

4

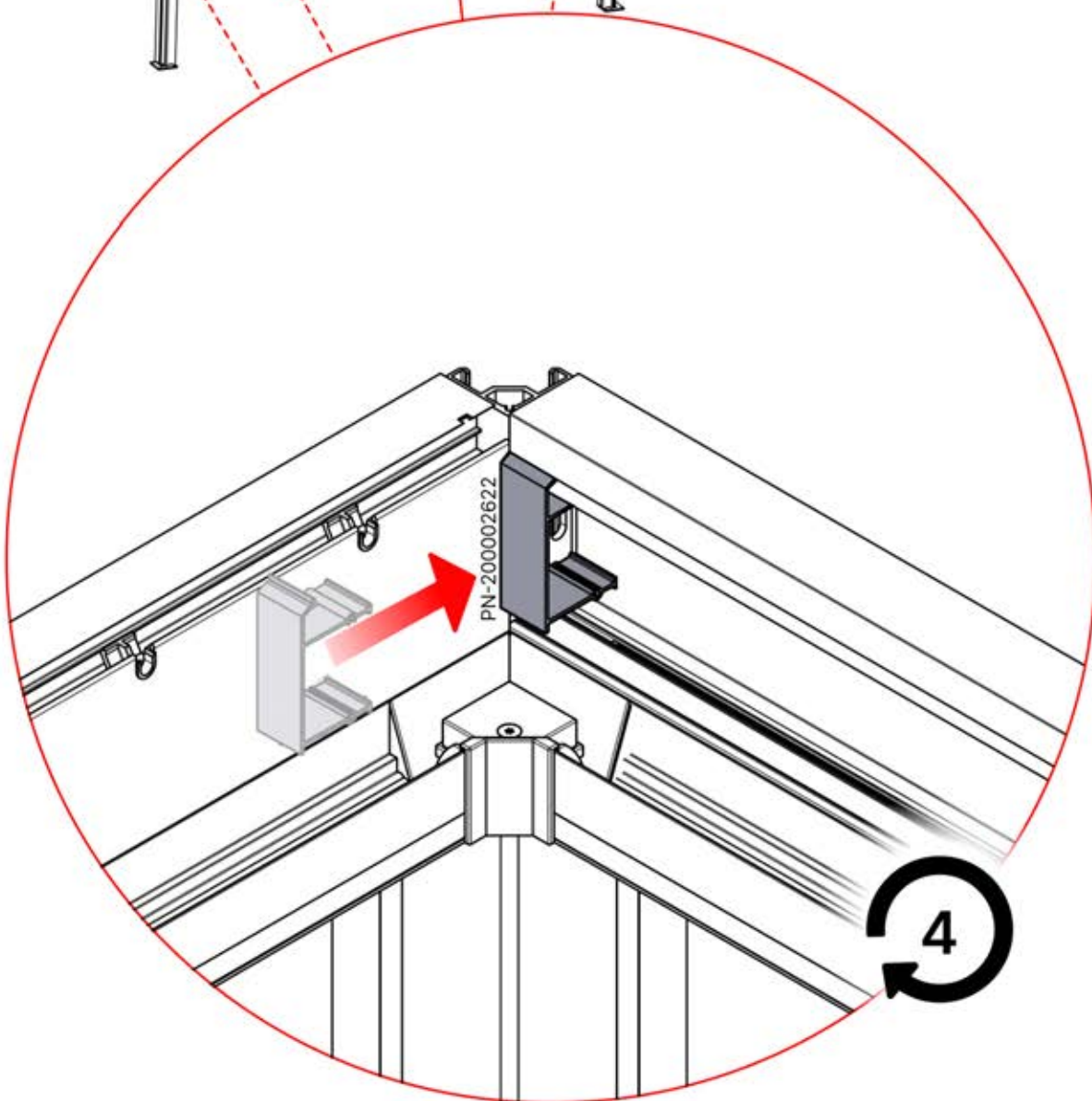
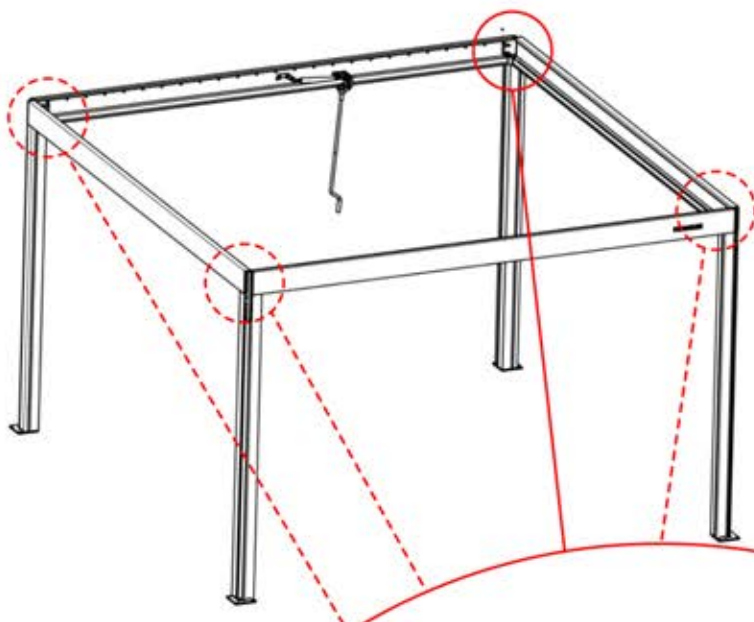
ANTHRACITE: B280
WHITE: B195
BLACK: B192

PN-200002622

4x

PN-20000
3281

Zip Bag



20

x1
PERGOLUX

4

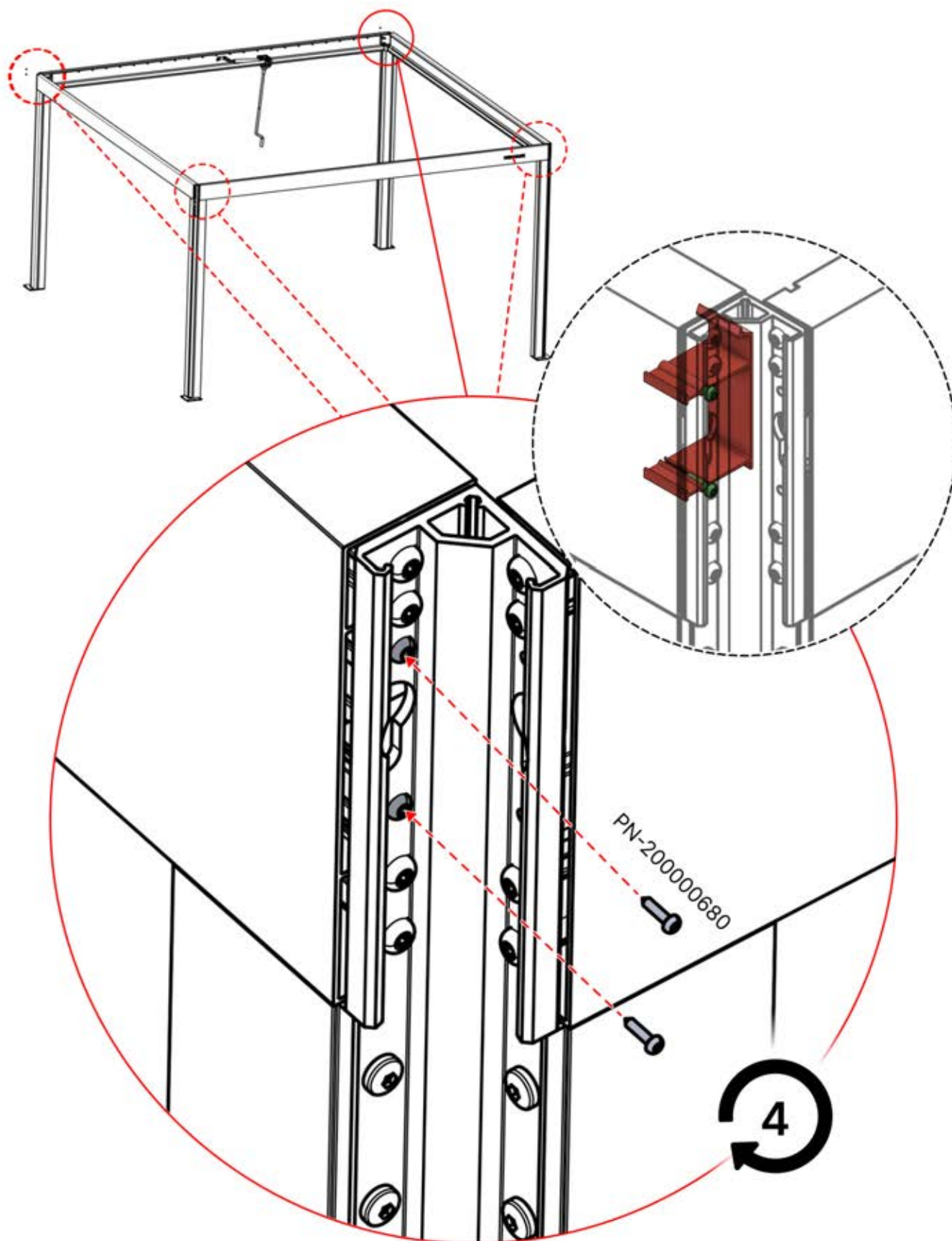
ANTHRACITE: B280
WHITE: B195
BLACK: B192

PN-200000680

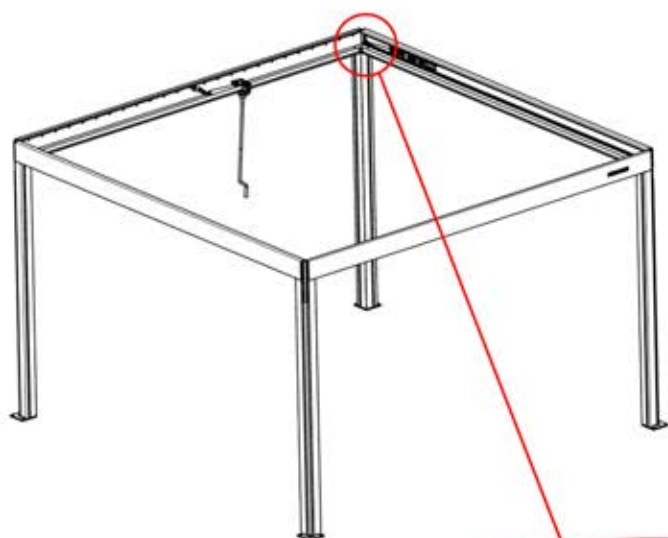
8x

PN-20000
3281

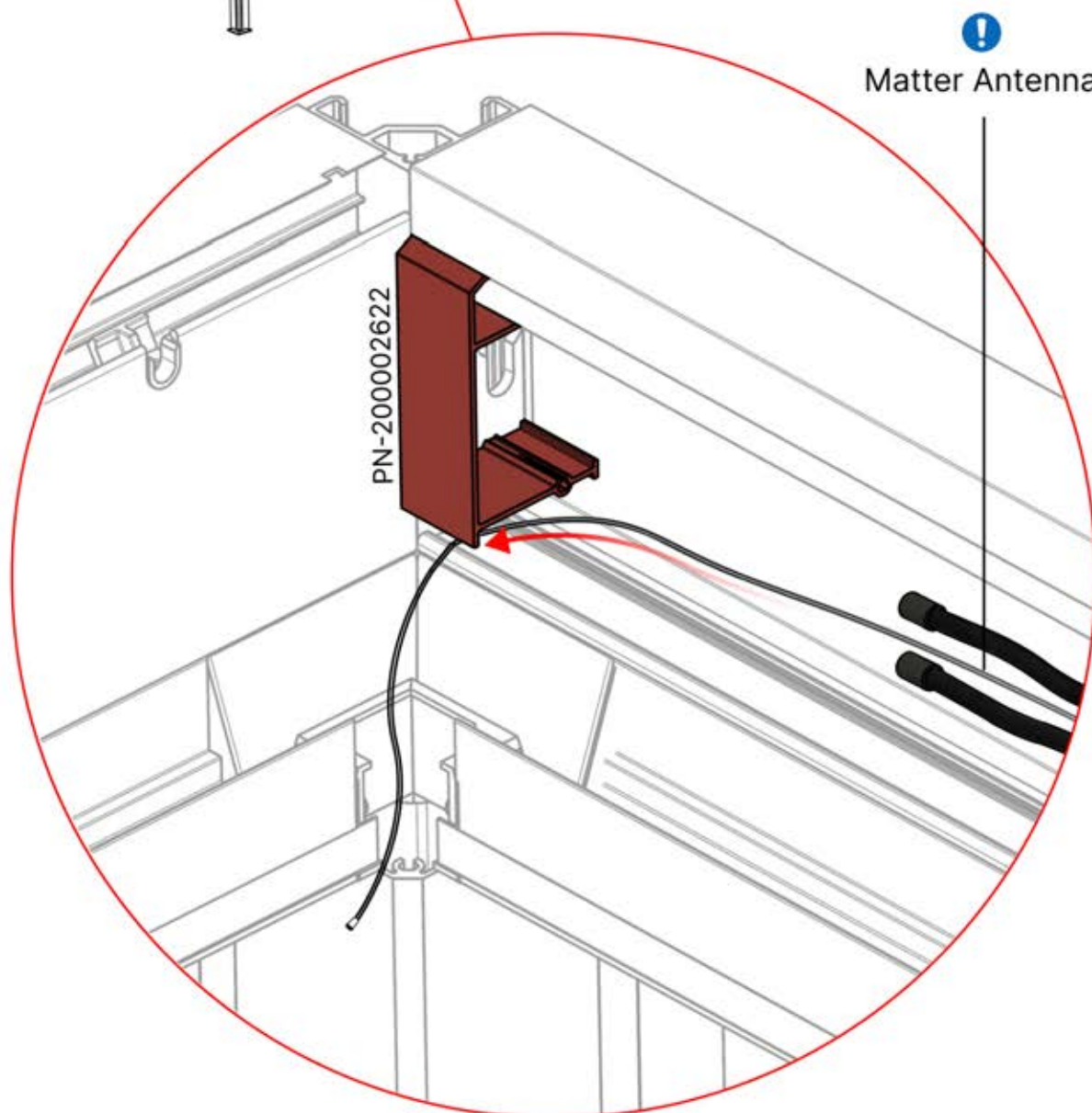
Zip Bag



21



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



22

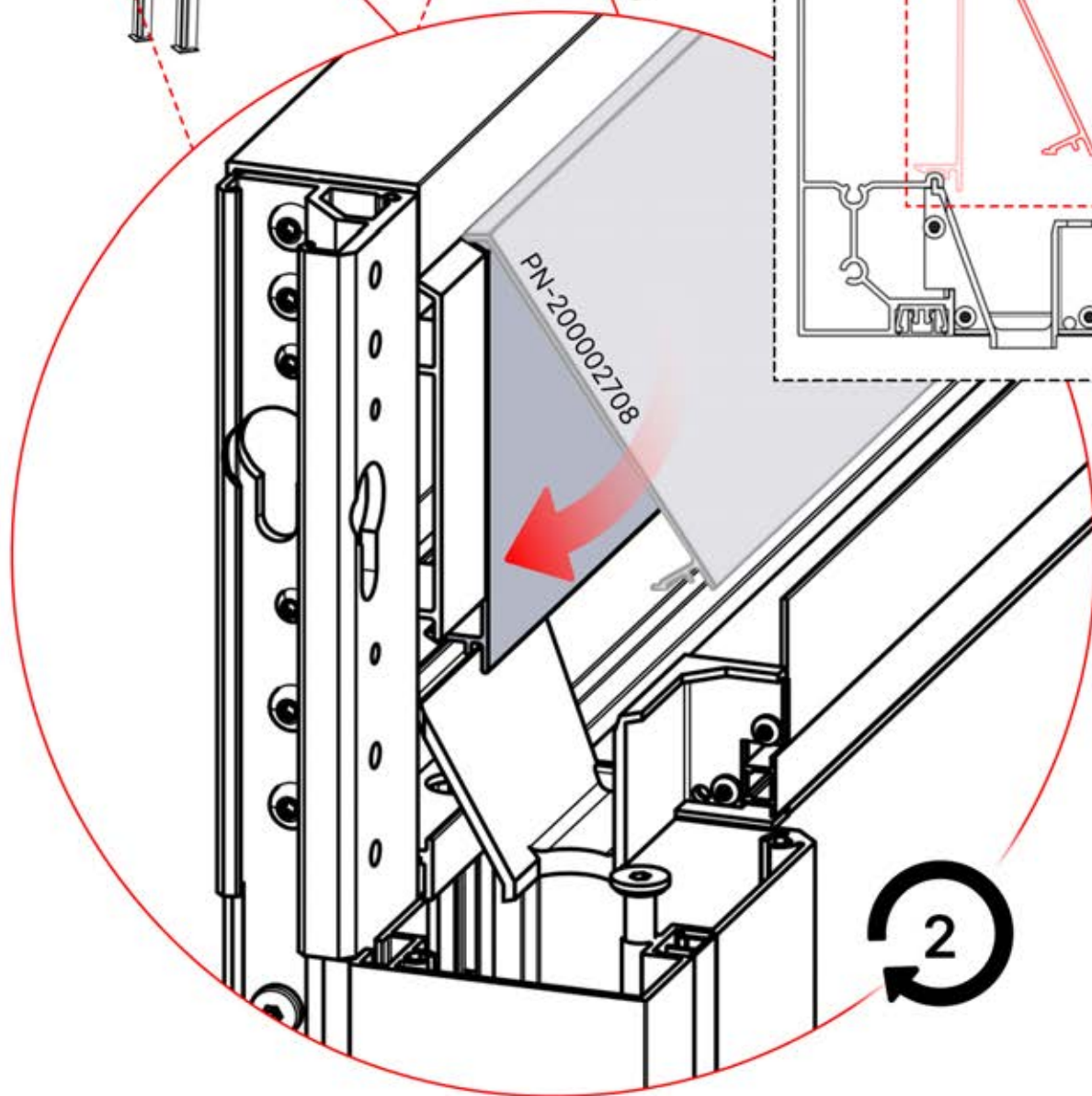
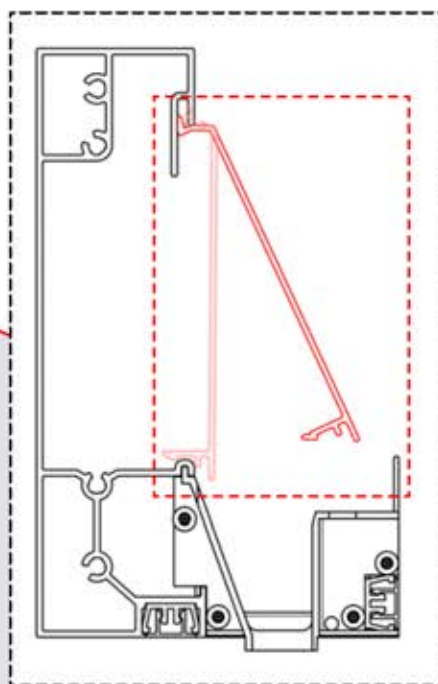
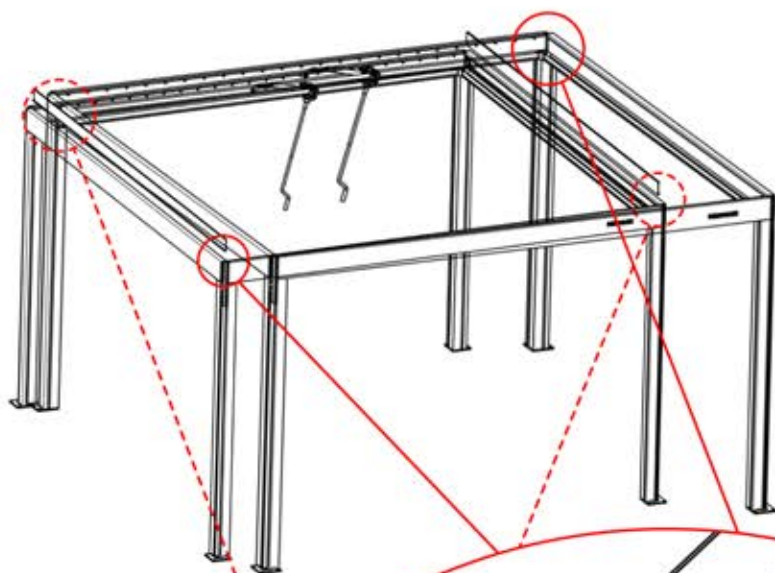
 **x1**

3

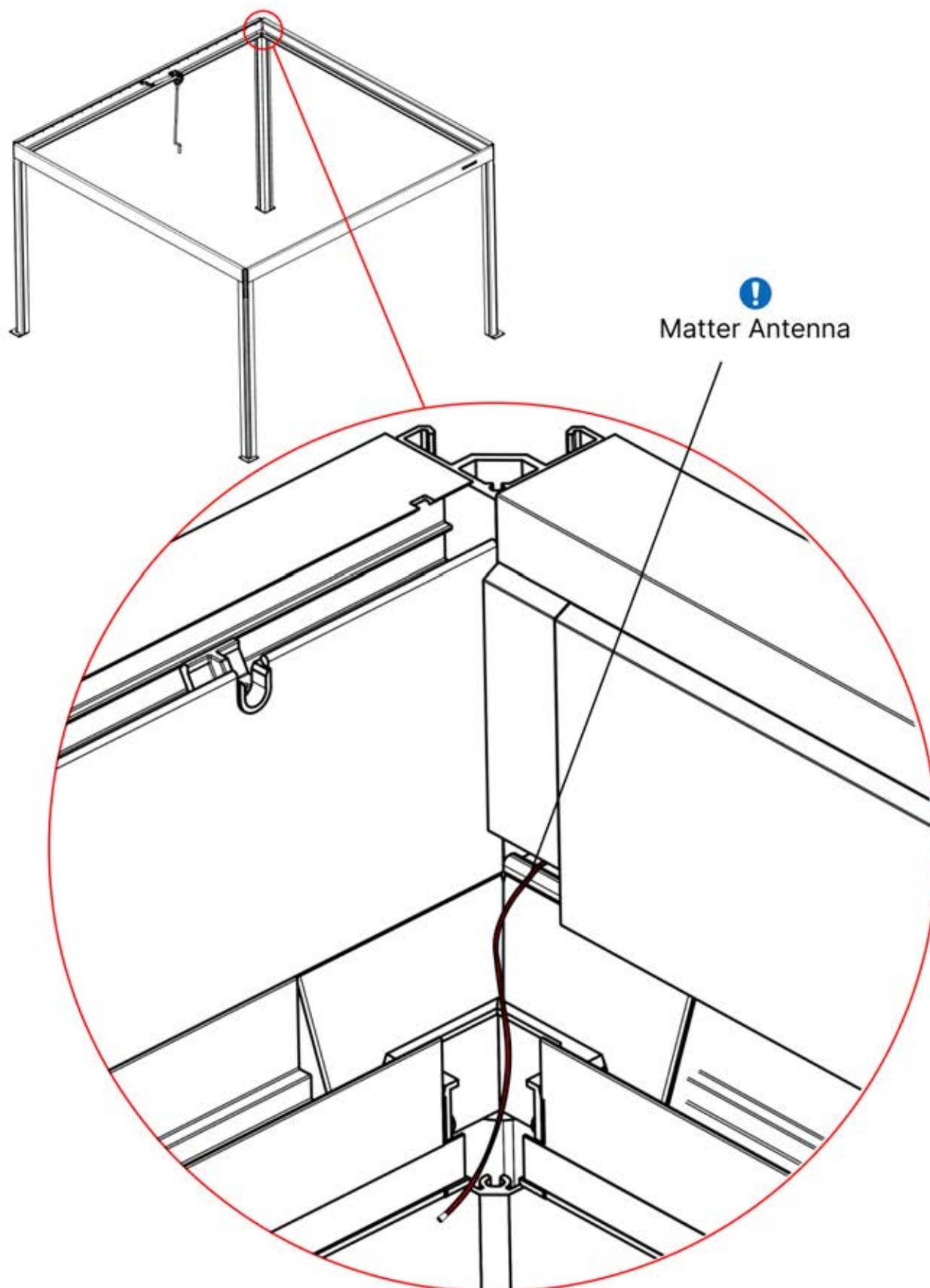
ANTHRACITE: B208
WHITE: B212
BLACK: B210



PN-200002708
2x



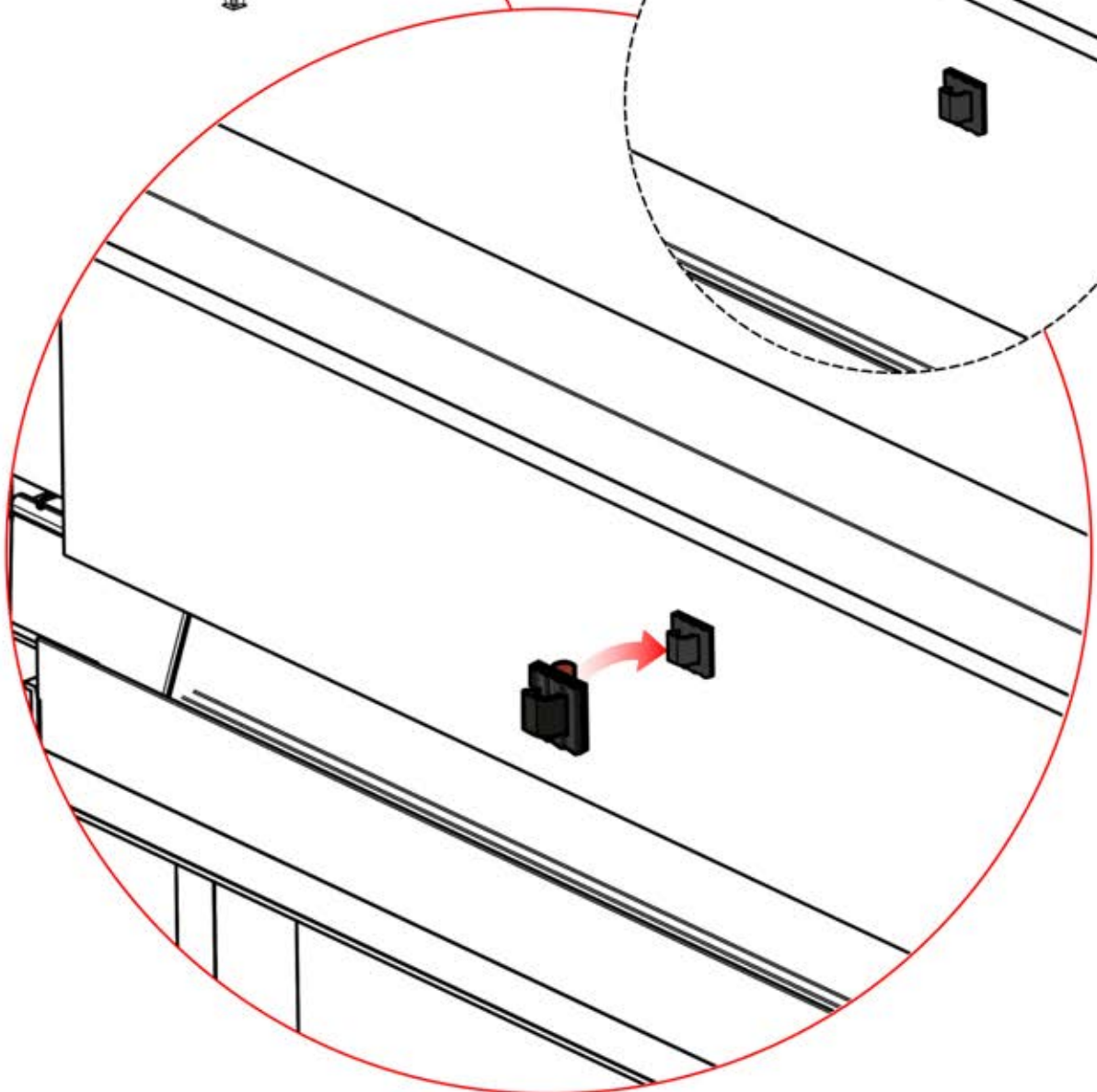
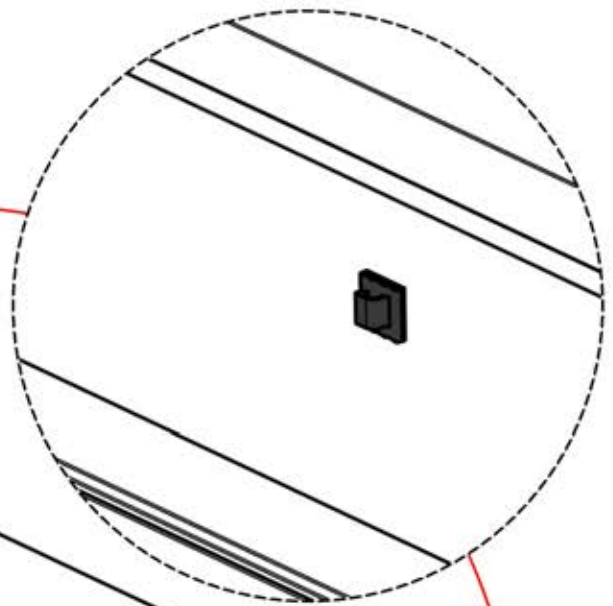
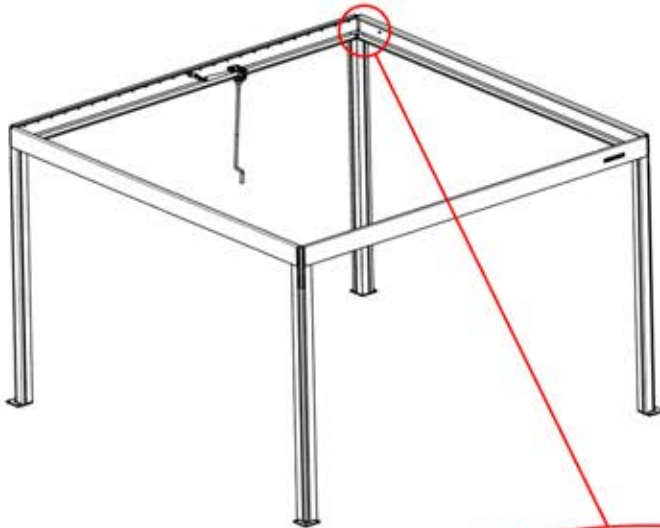
INFORMATION



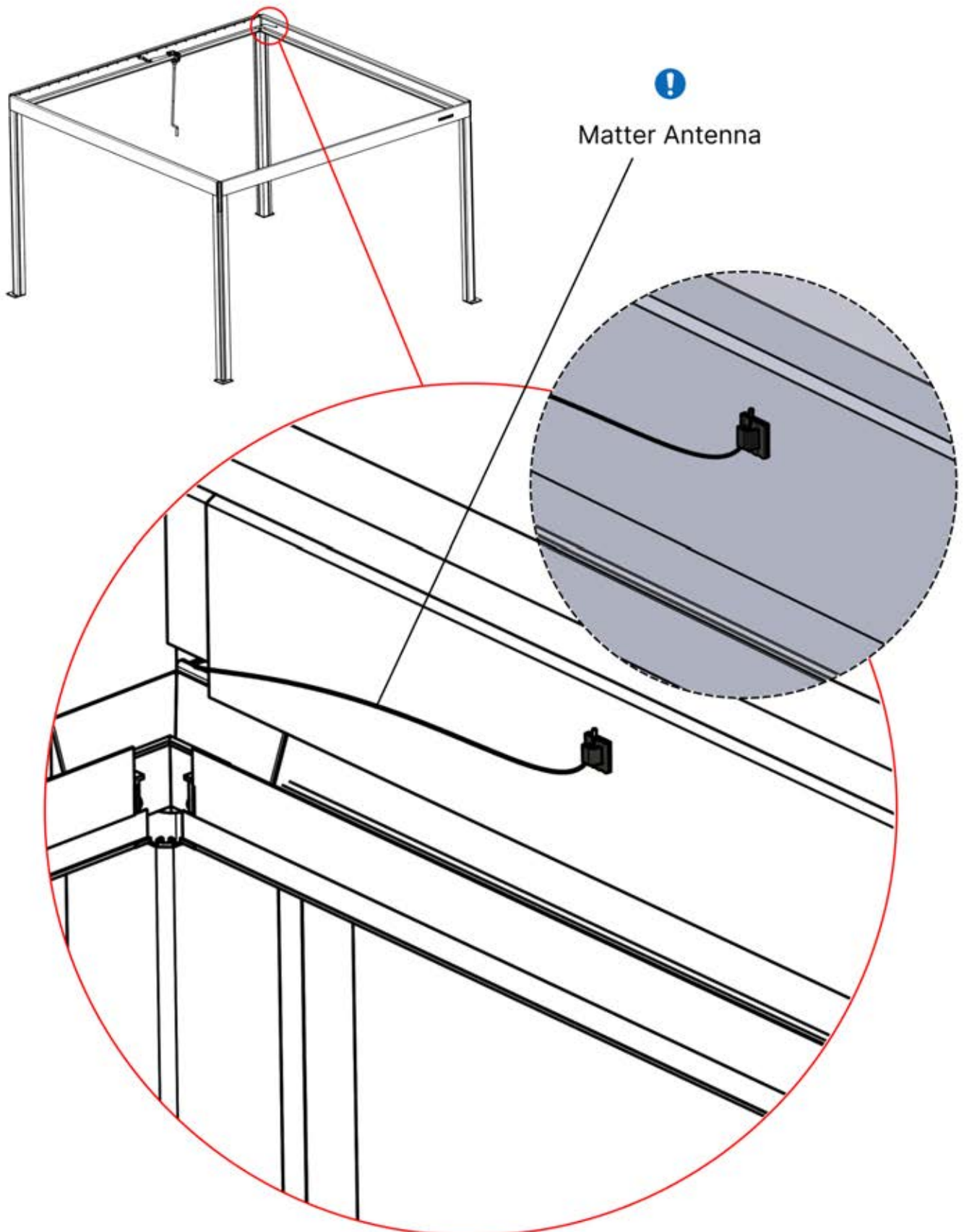
23



Matter Antenna Clip
1x



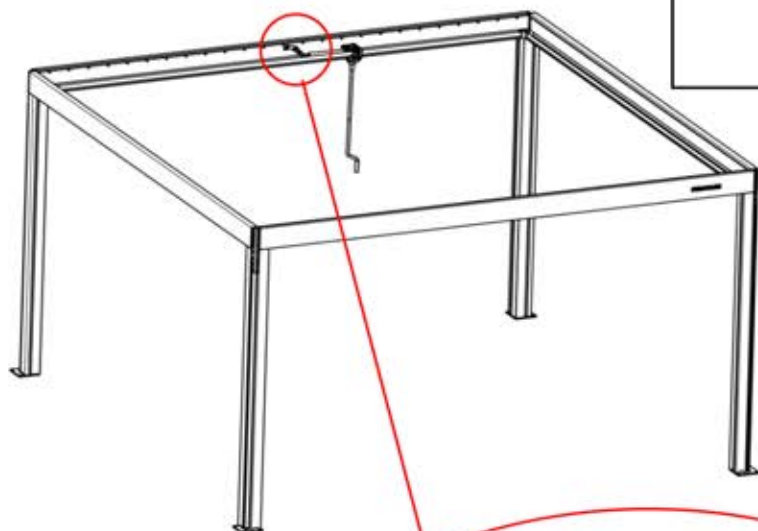
24



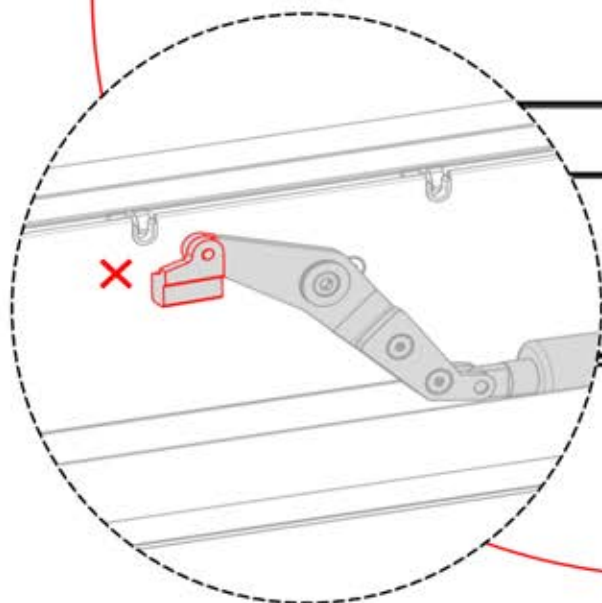
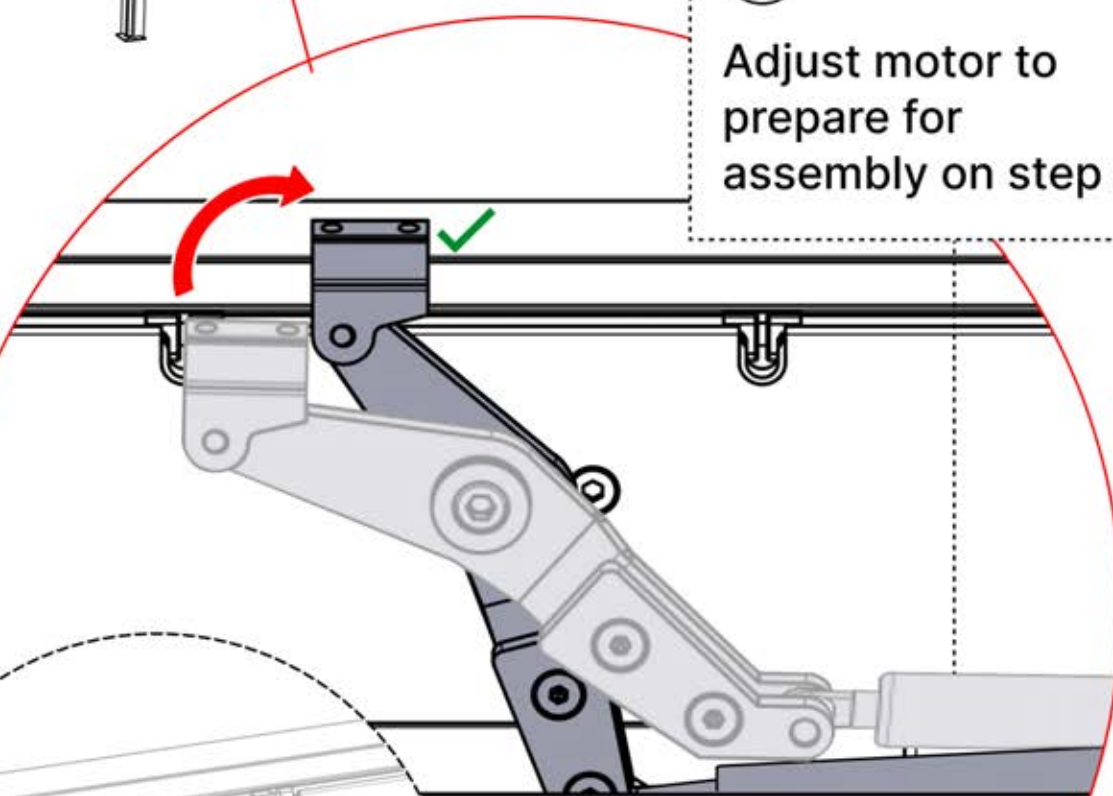
25



Hand Crank



Adjust motor to
prepare for
assembly on step 26



26



4

ANTHRACITE:

B280

WHITE:

B195

BLACK:

B192




PN-200002973

1x



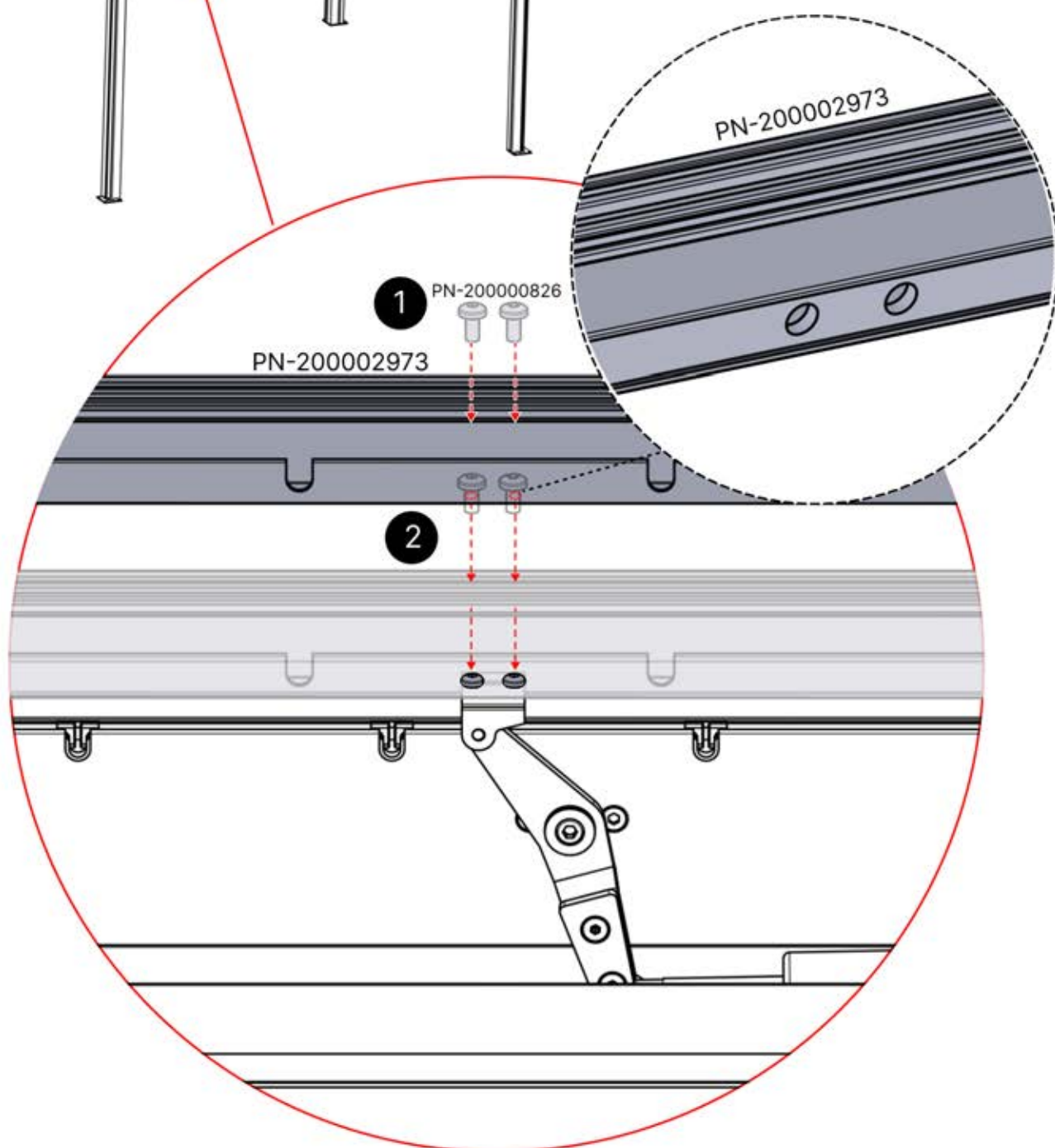
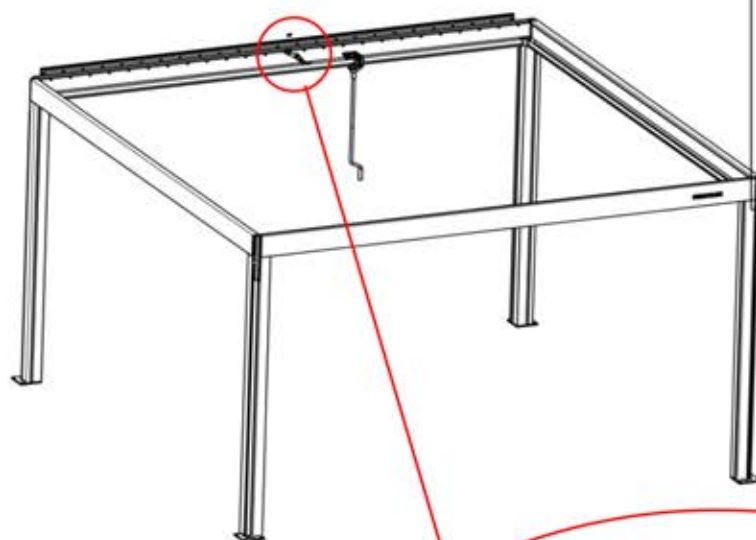
PN-200000826

2x

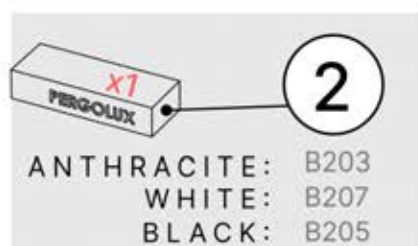
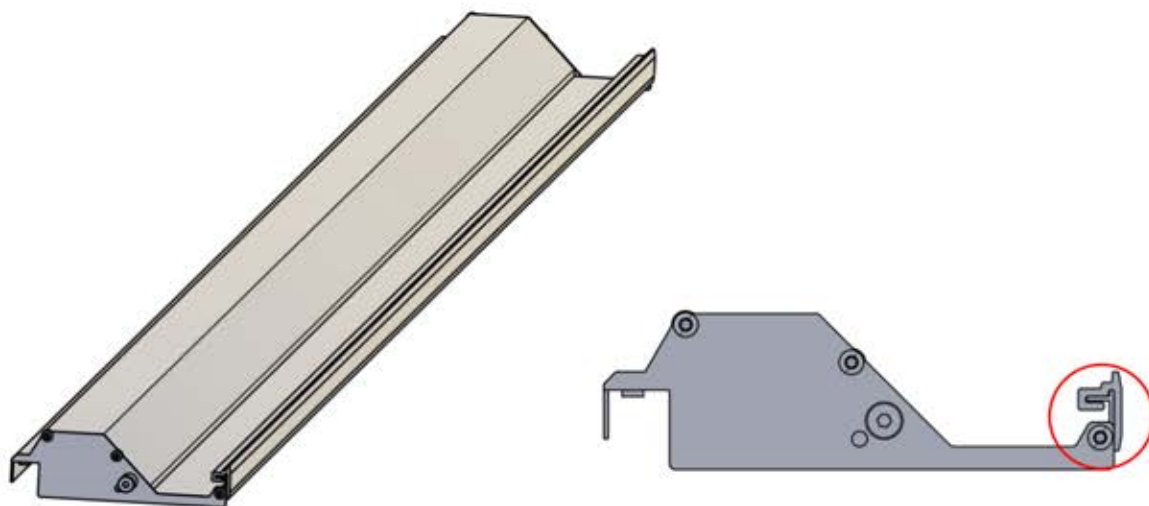
PN-20000

3320

Zip Bag

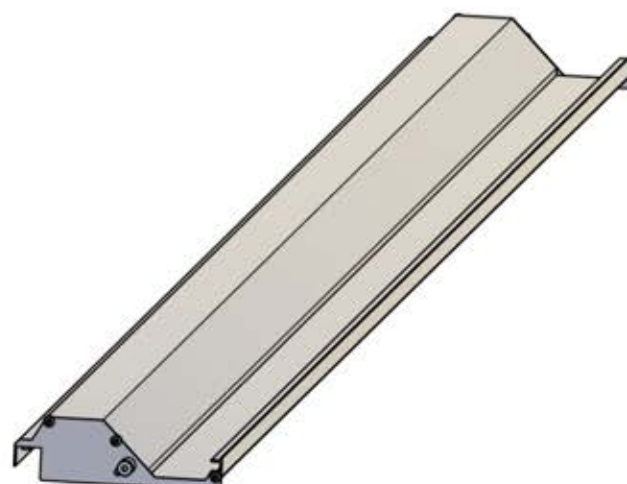
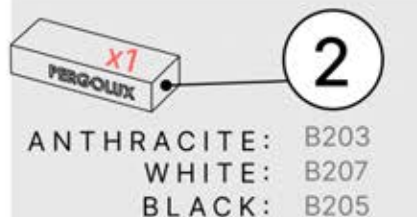
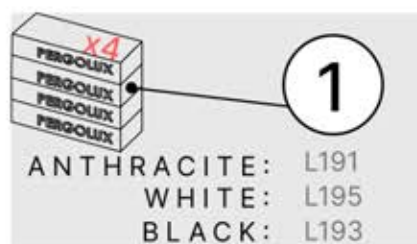
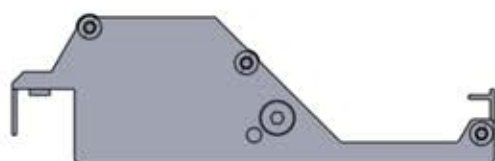


PERGOLA LOUVERS



P.PERGOLA 3M FS END LOUVER
PN-200002718

1x



P.PERGOLA 3M FS LOUVER
PN-200002714

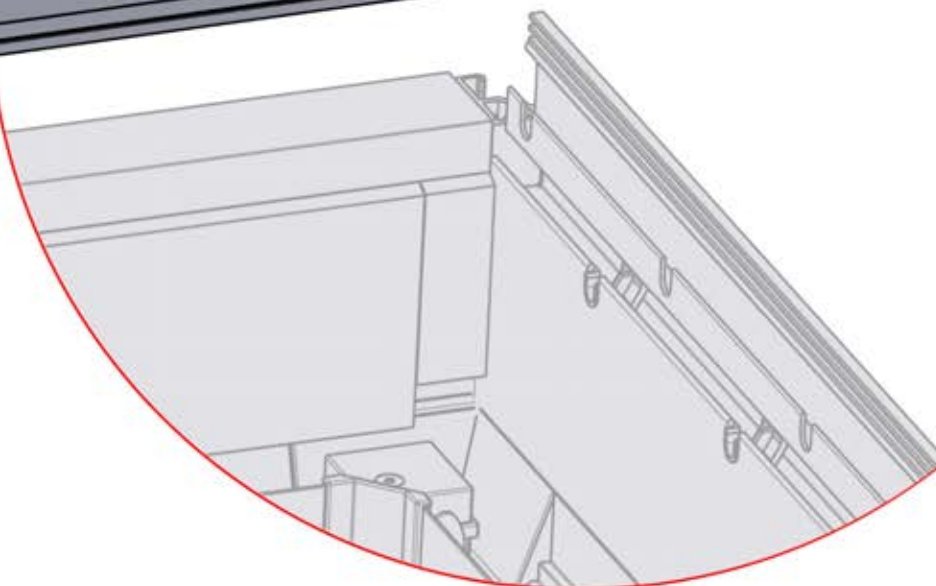
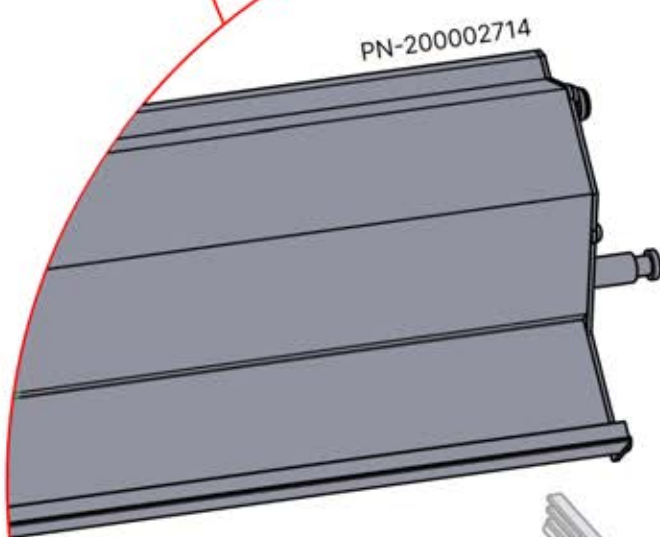
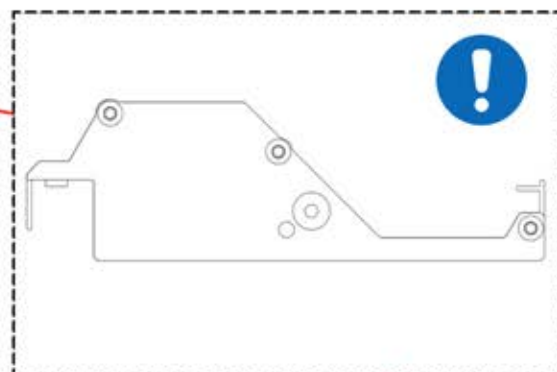
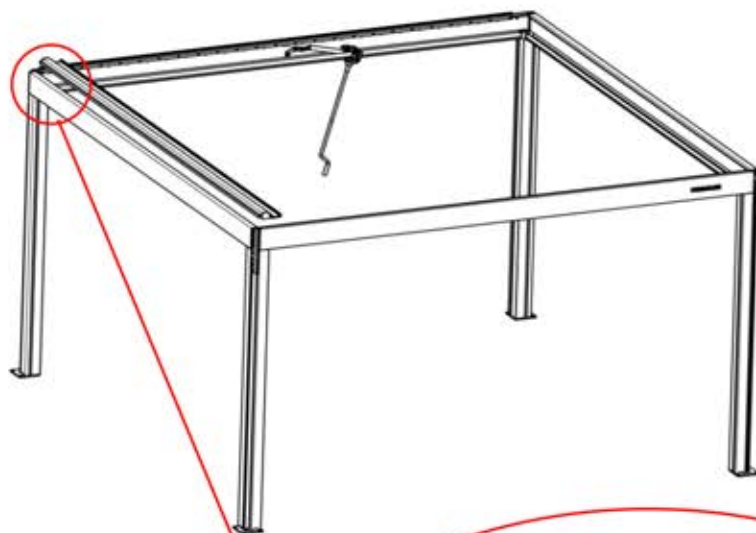
30x

27



1

ANTHRACITE: L191
WHITE: L195
BLACK: L193



28



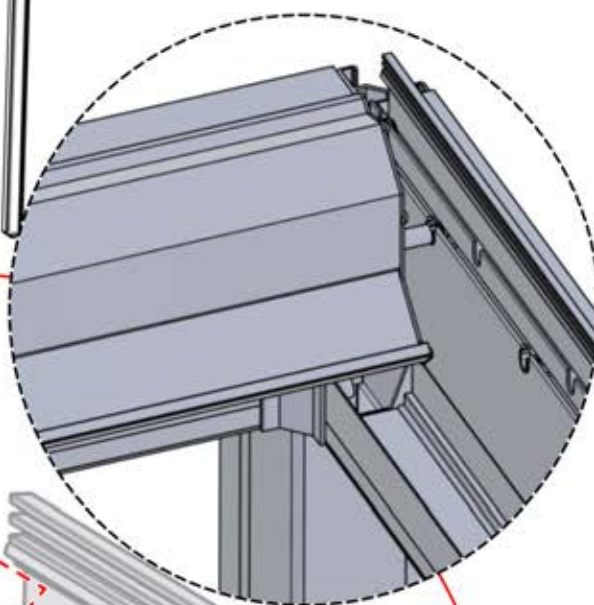
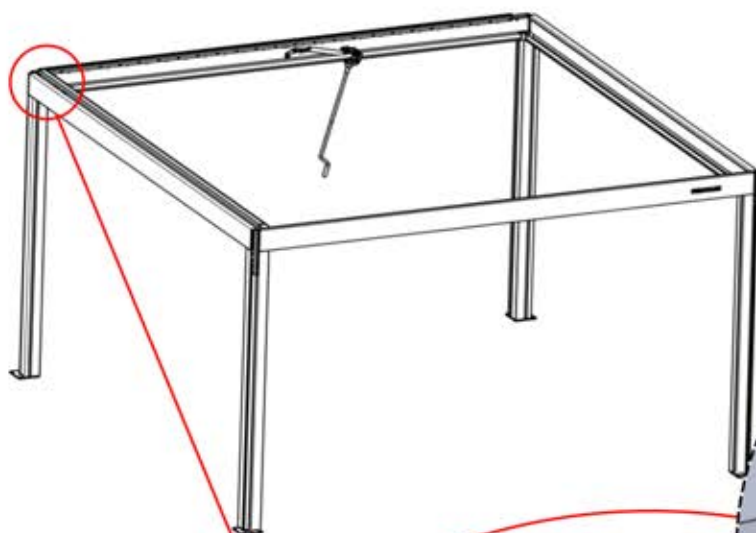
1

ANTHRACITE: L191
WHITE: L195
BLACK: L193

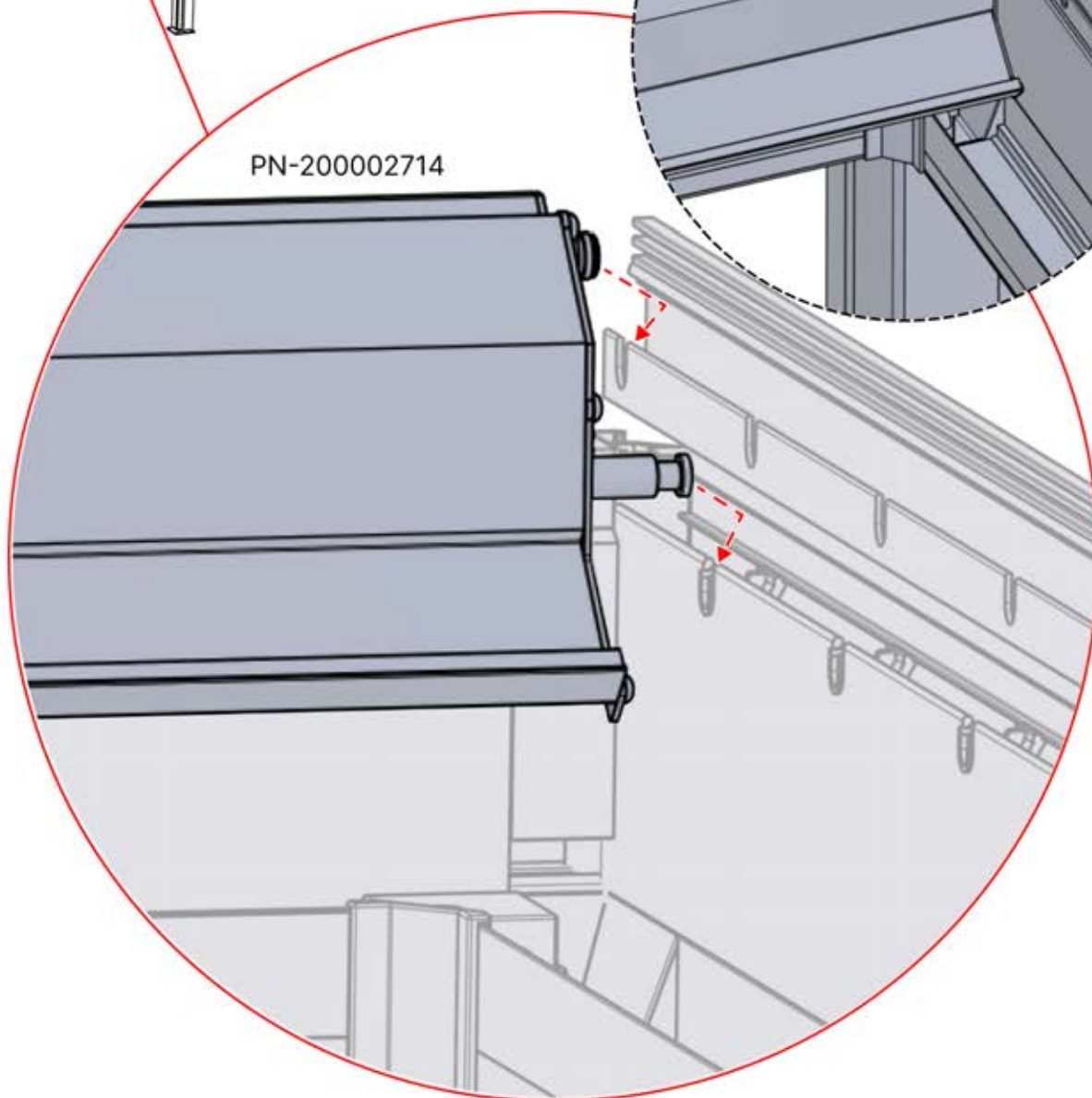


PN-200002714

1x



PN-200002714

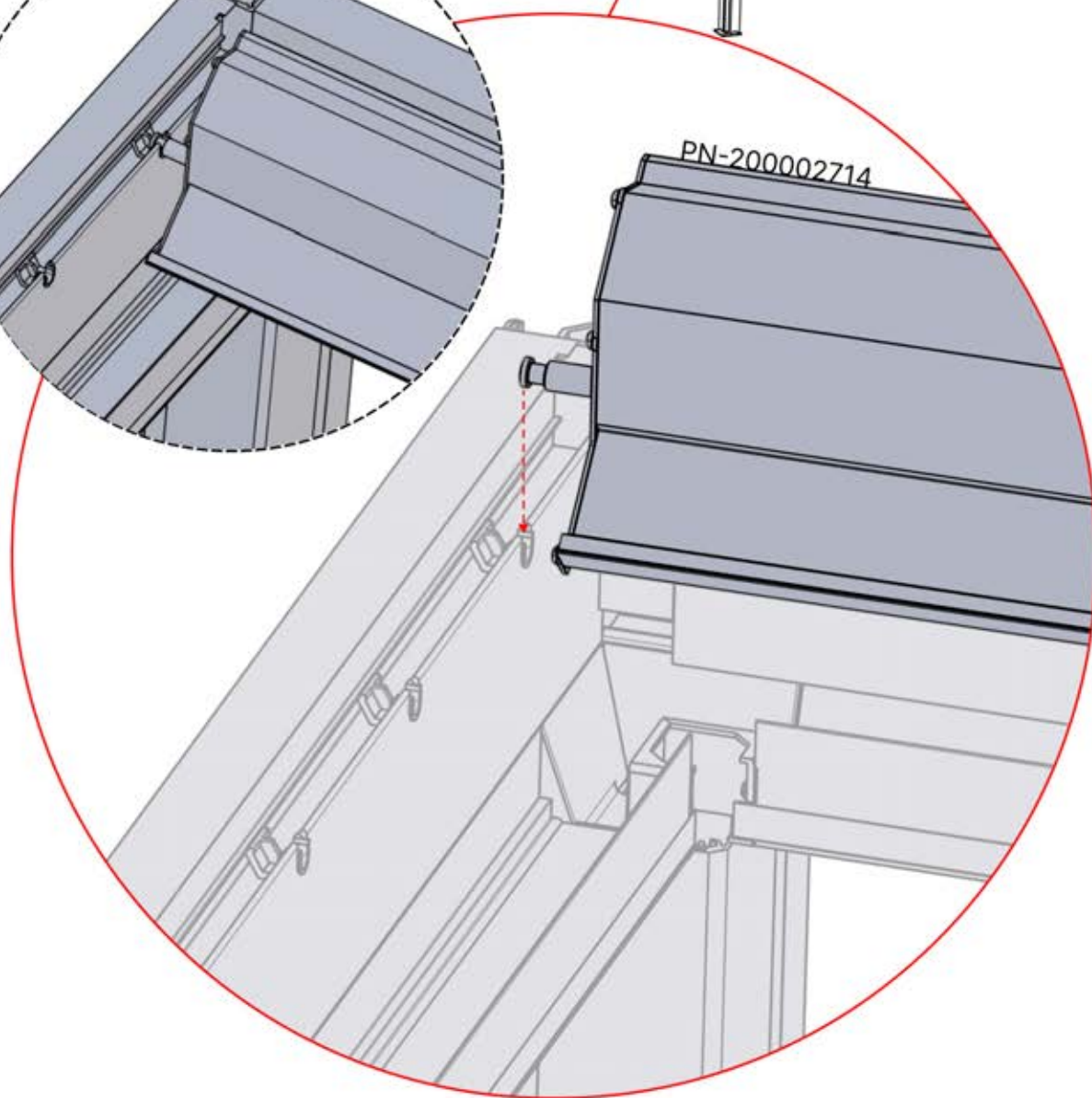
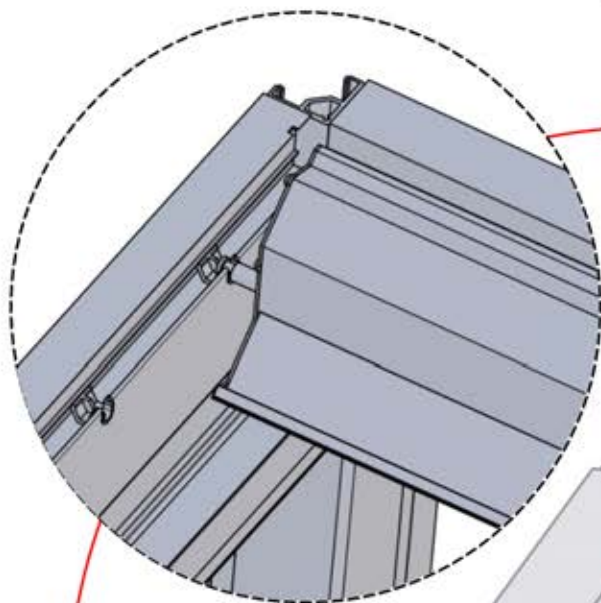
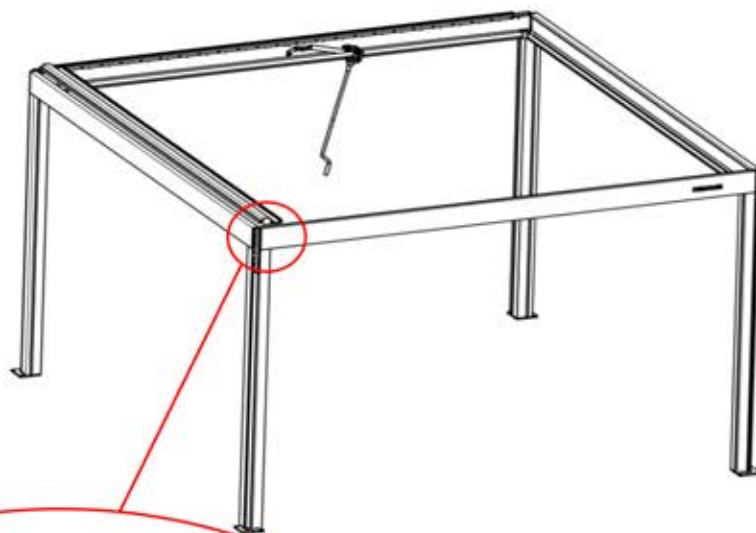


29



1

ANTHRACITE: L191
WHITE: L195
BLACK: L193



30



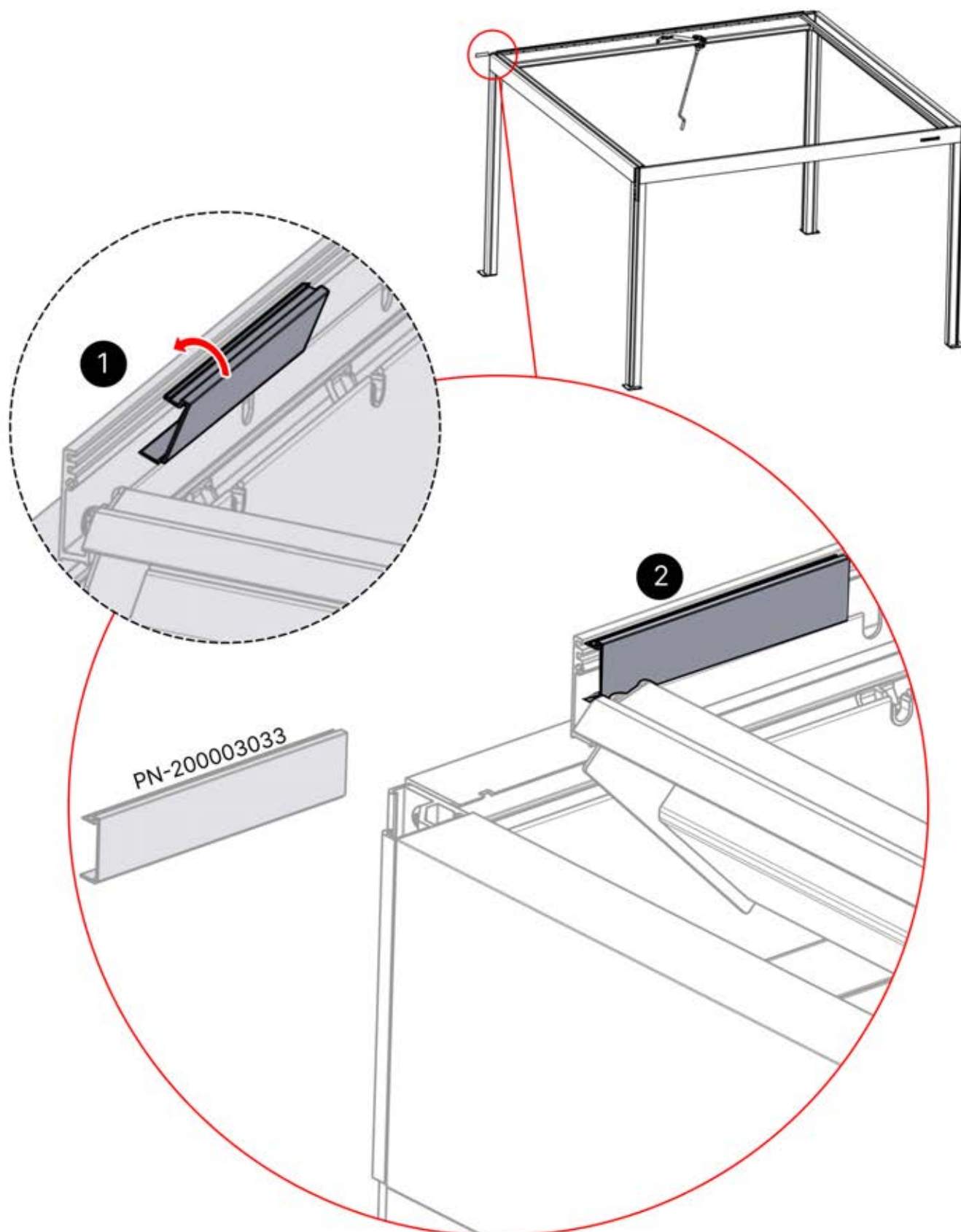
4

ANTHRACITE:	B280
WHITE:	B195
BLACK:	B192



PN-200003033
1x

PN-20000
3278 

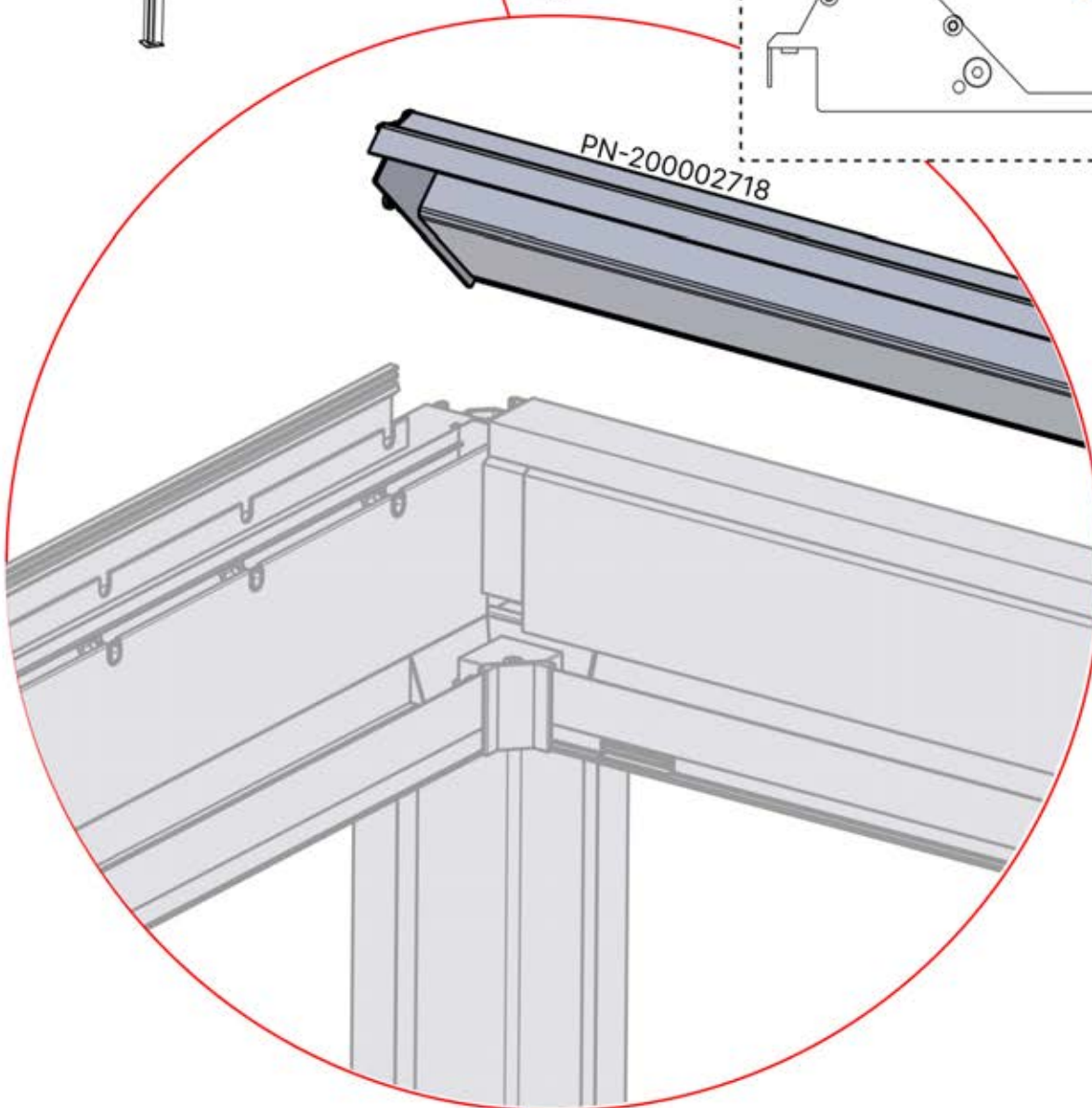
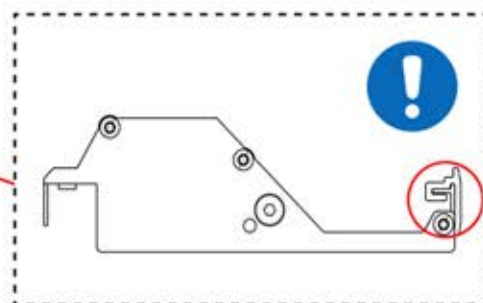
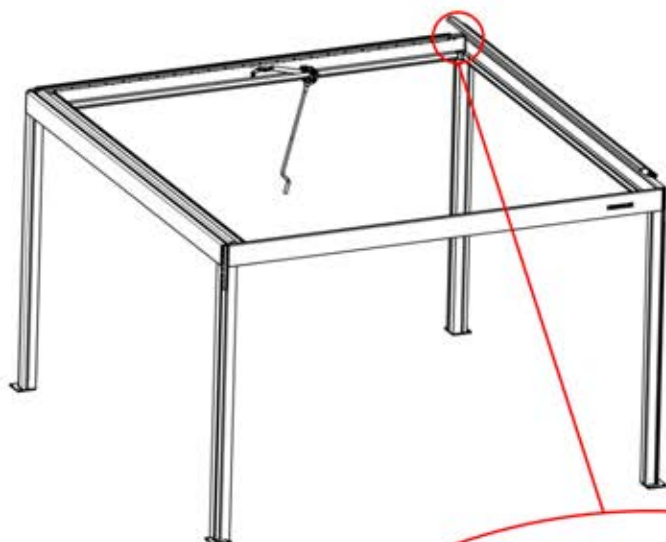


31

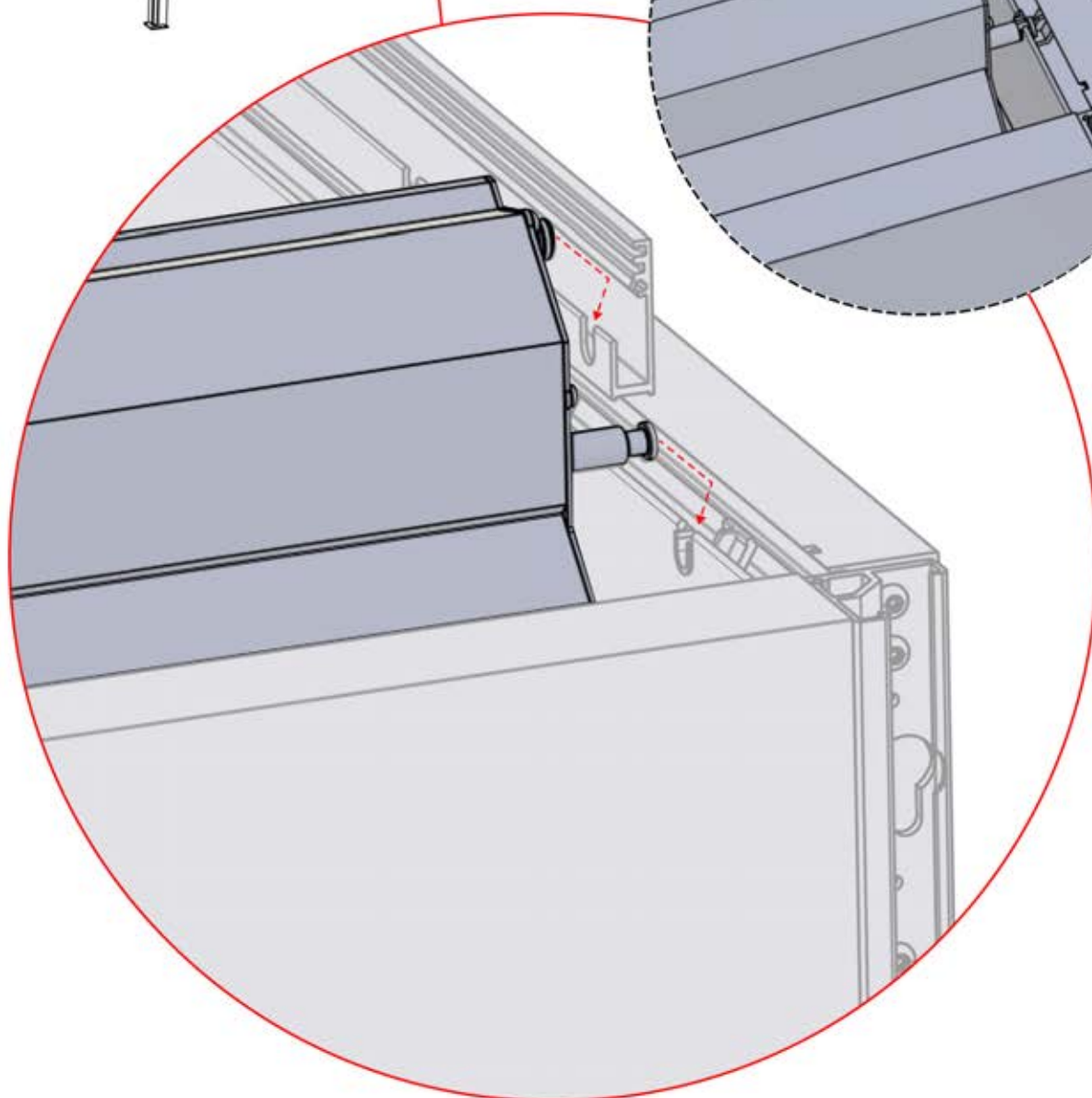
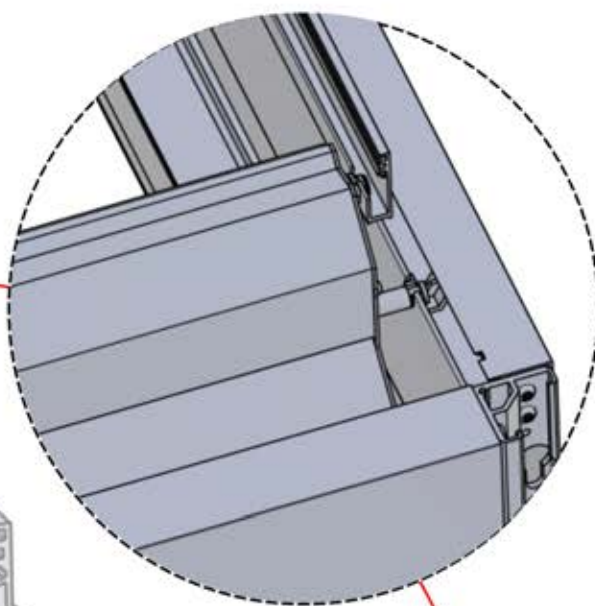
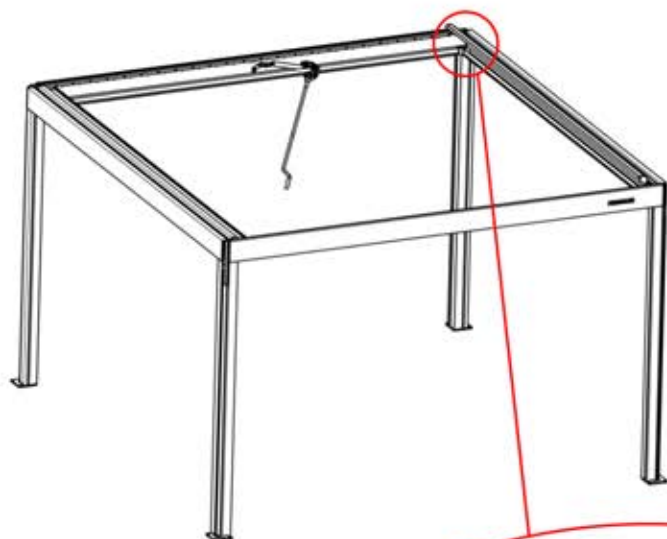
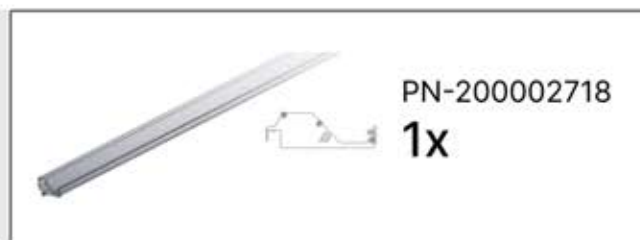
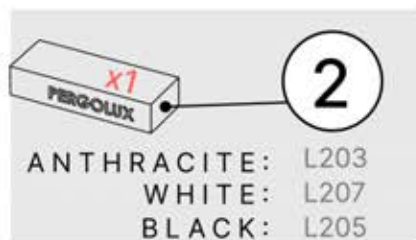
 **2**

ANTHRACITE: L203
WHITE: L207
BLACK: L205

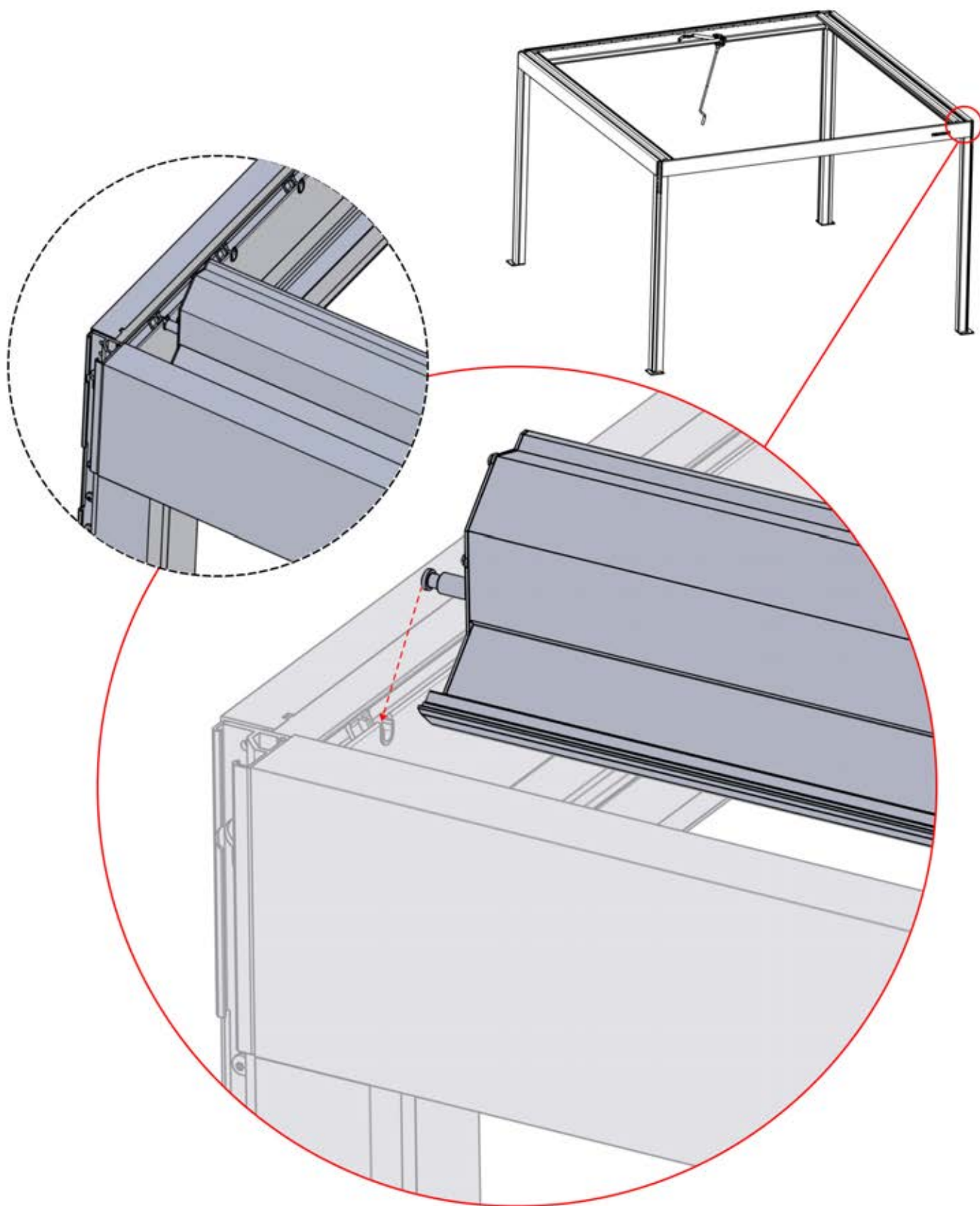
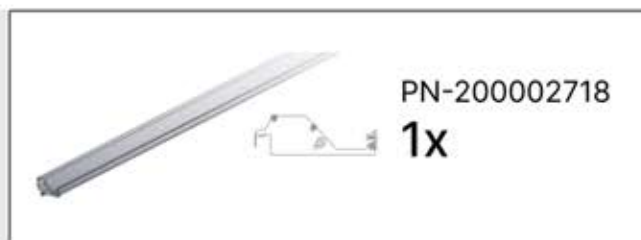
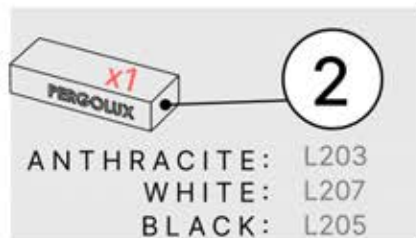
 PN-200002718
1x



32



33



34



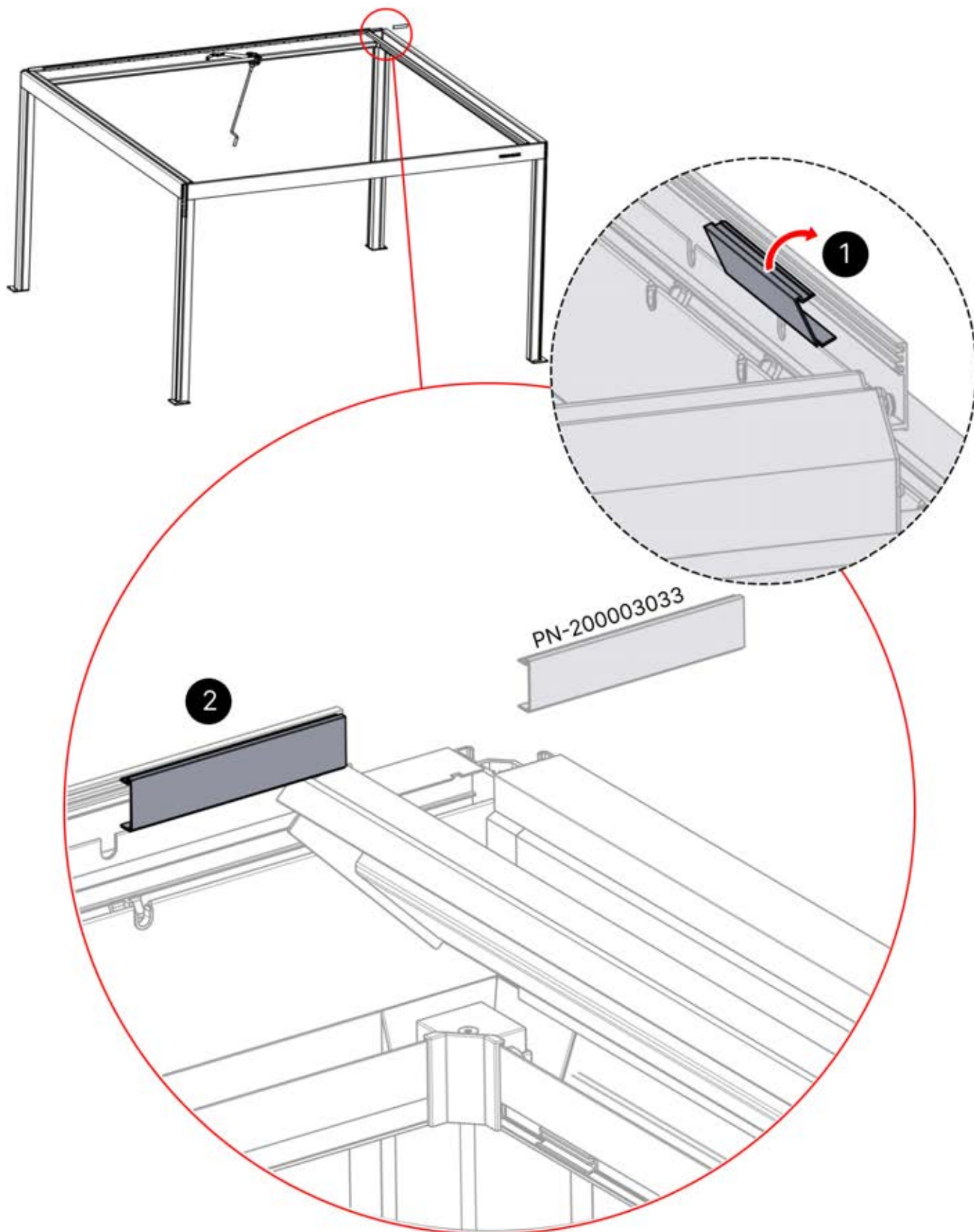
4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200003033
1x

PN-20000
3278 



35



1

ANTHRACITE: L191
WHITE: L195
BLACK: L193



2

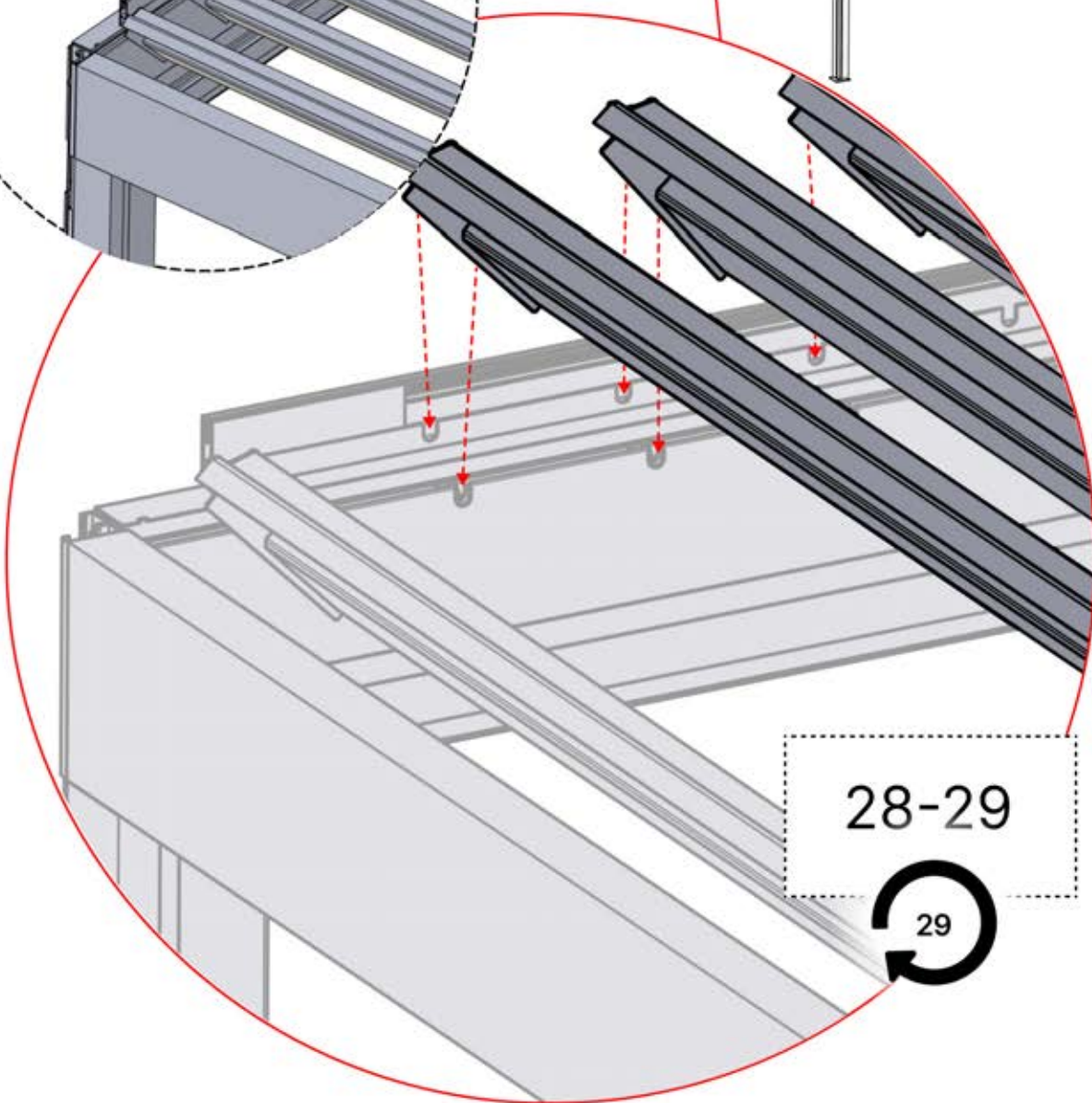
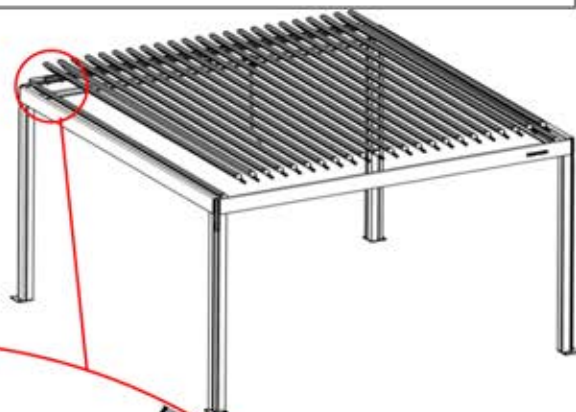
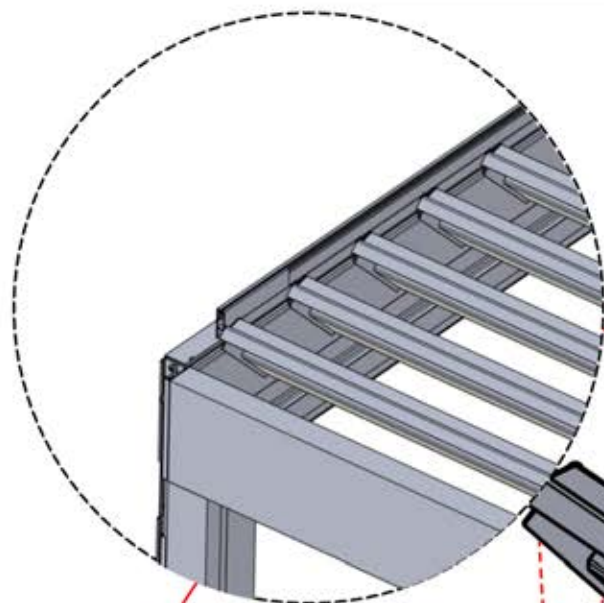
ANTHRACITE: L203
WHITE: L207
BLACK: L205



PN-200002714
23x



PN-200002714
6x



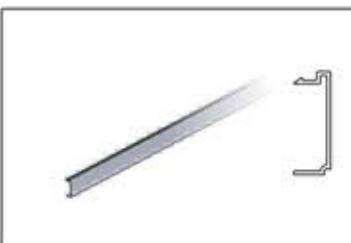
28-29

29

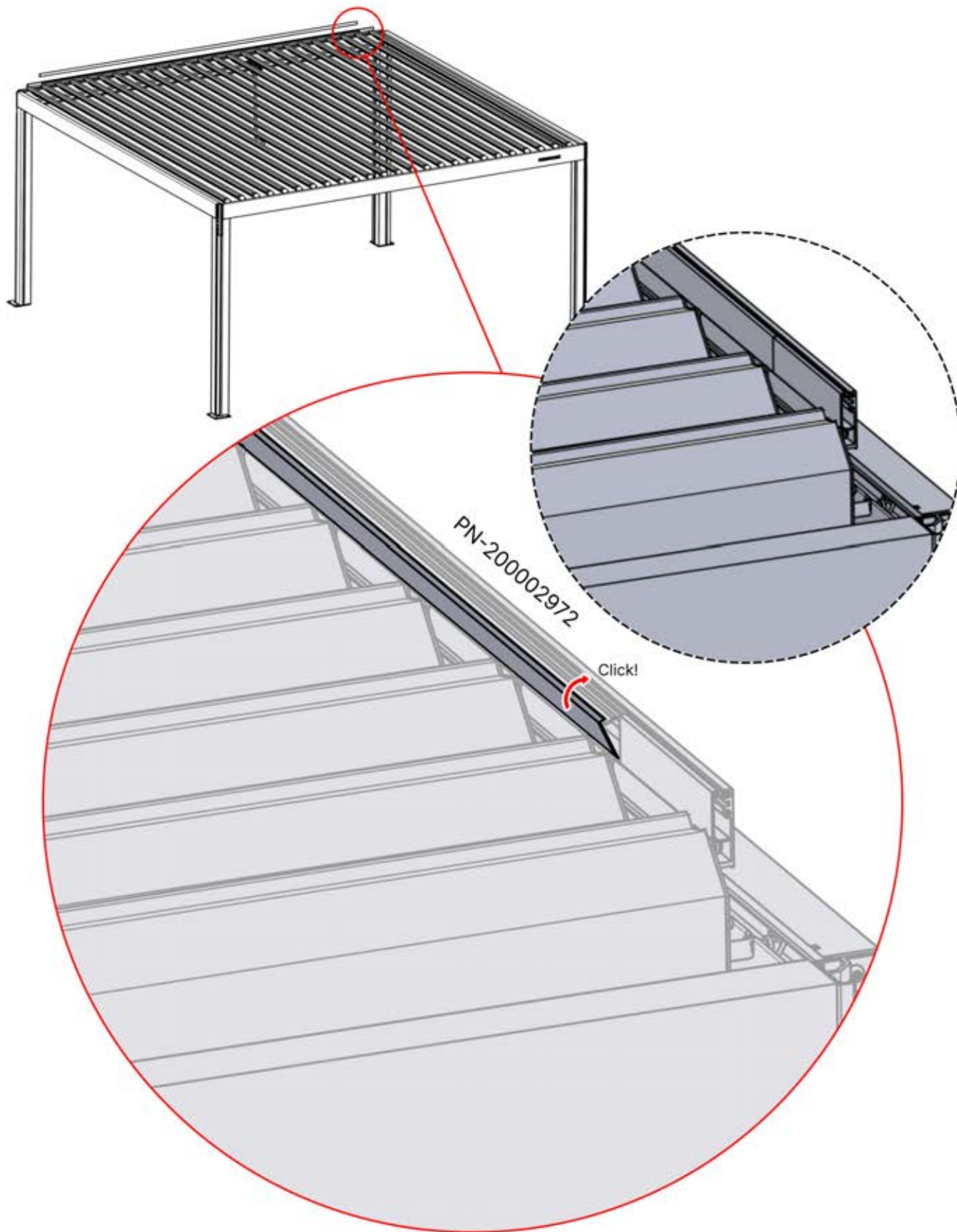
36



ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200002972
1x



37



4

ANTHRACITE: B280
 WHITE: B195
 BLACK: B192



PN-200003030
1x



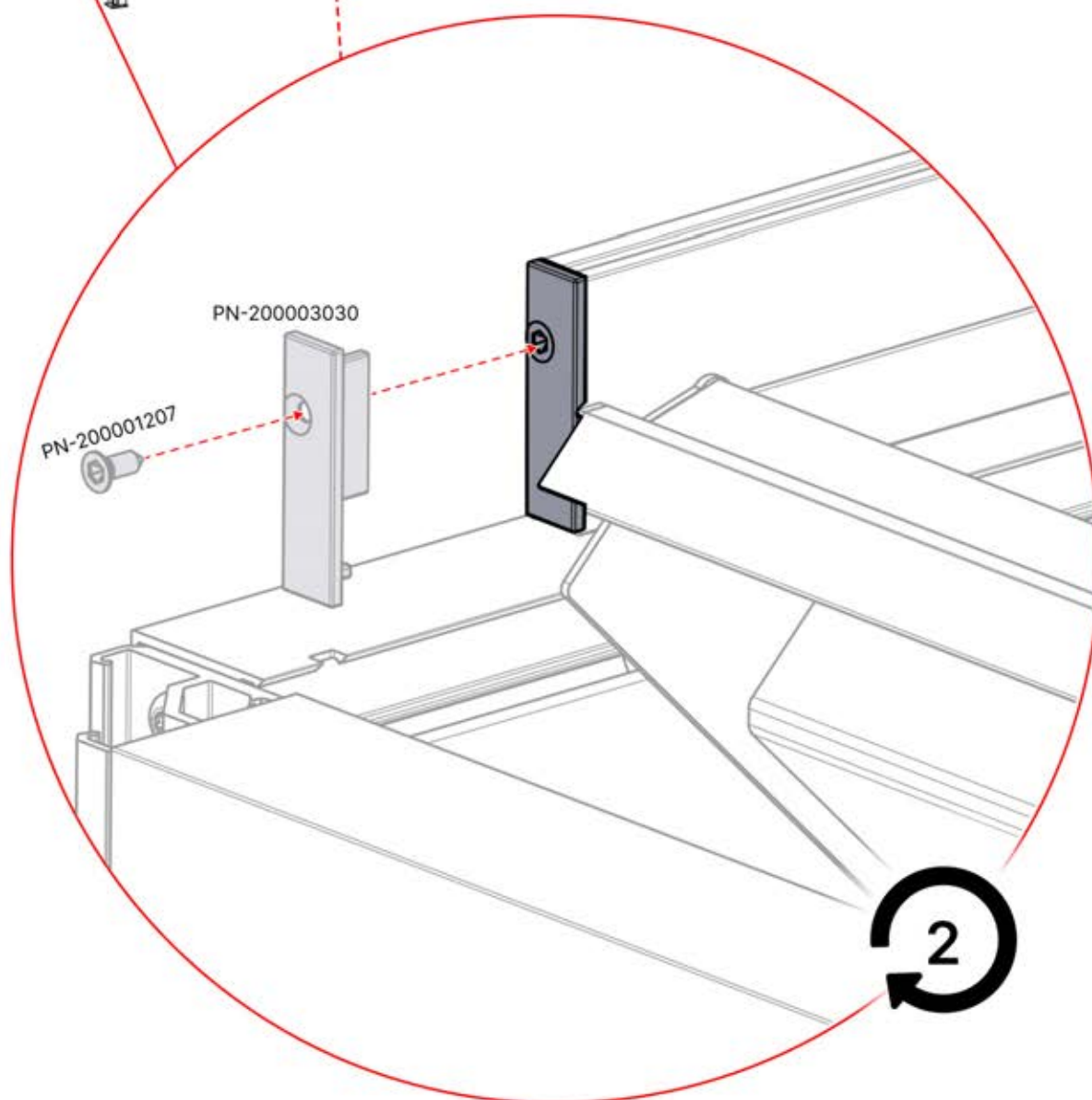
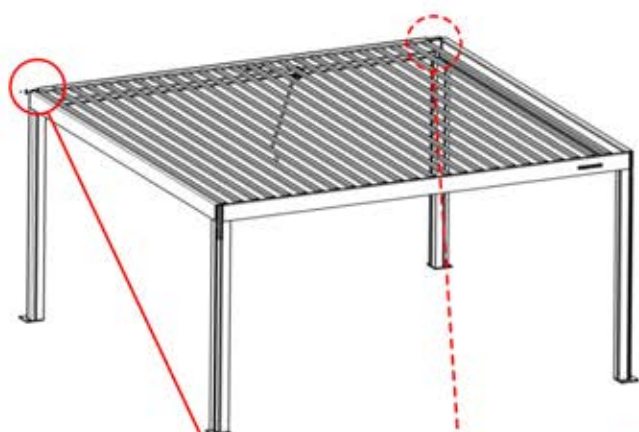
PN-200003031
1x



PN-200001207
2x

PN-20000
3278





38

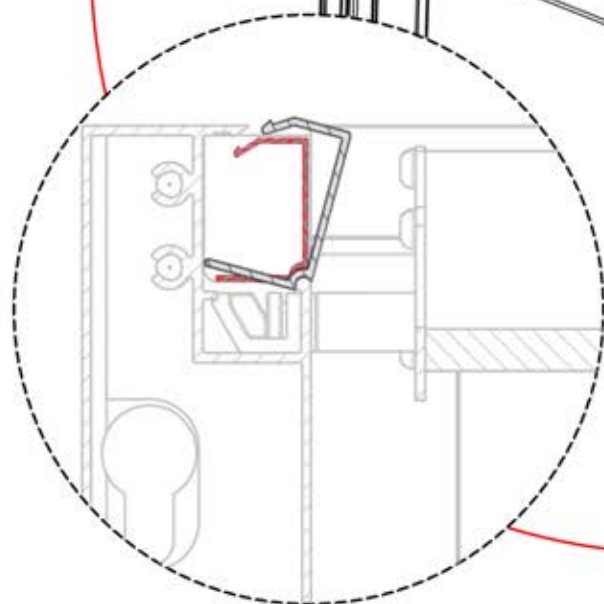
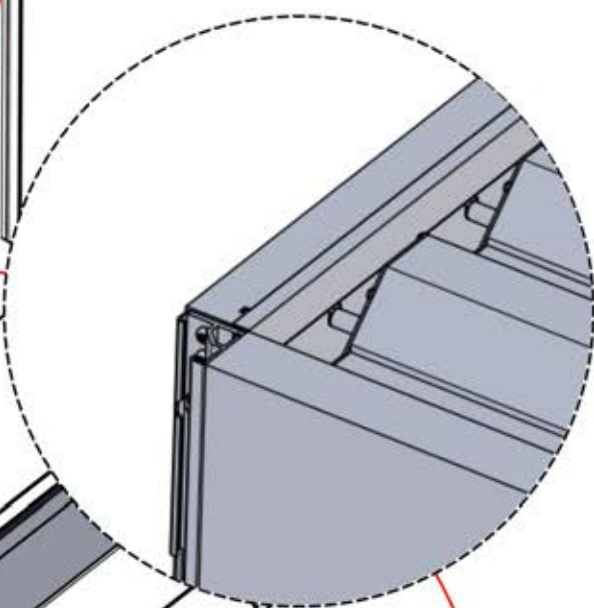
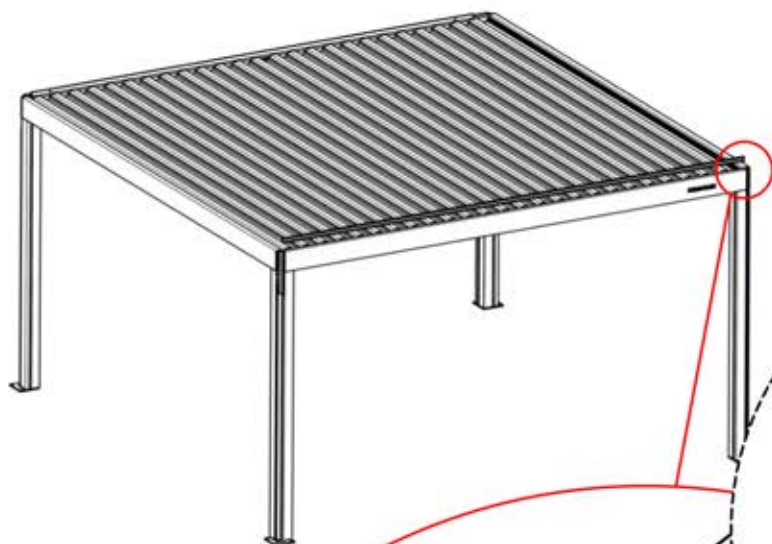


4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



PN-200002861
1x

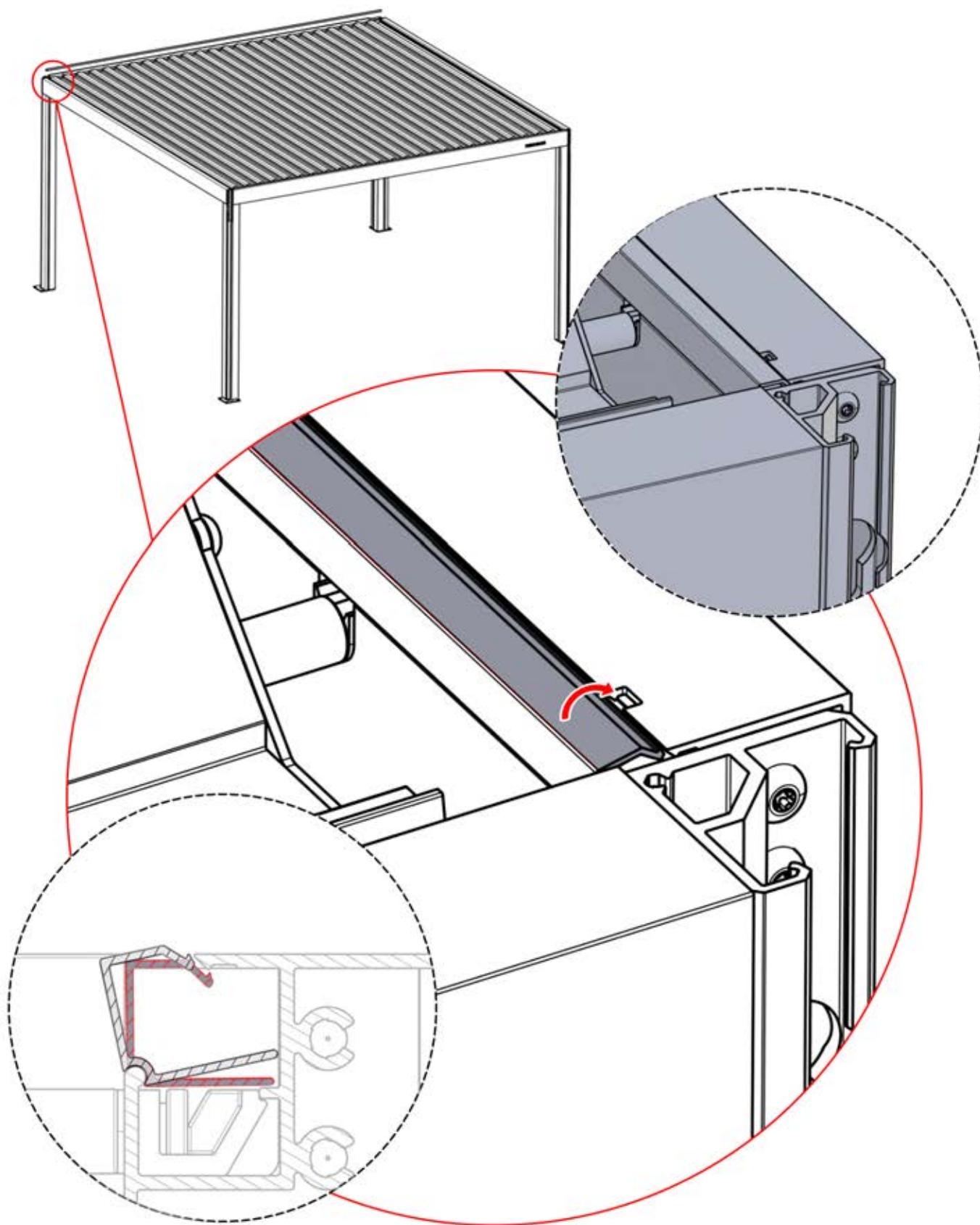
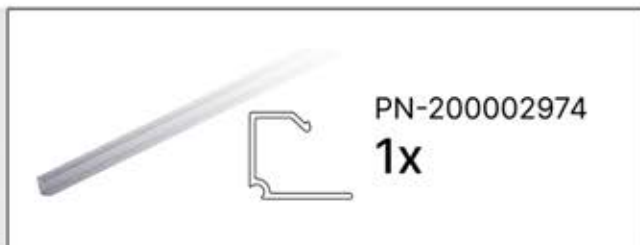


39



4

ANTHRACITE: B280
WHITE: B195
BLACK: B192



40



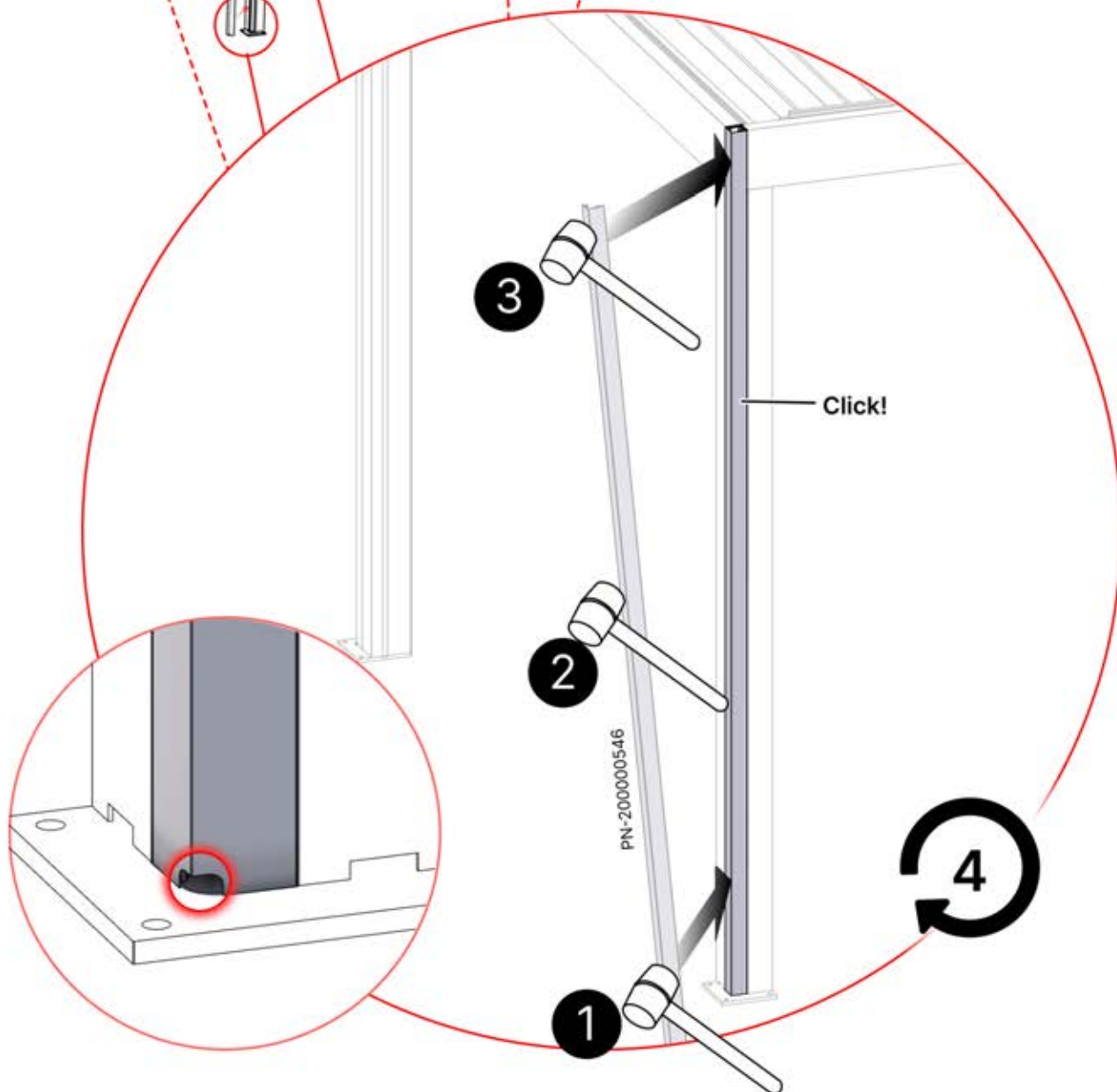
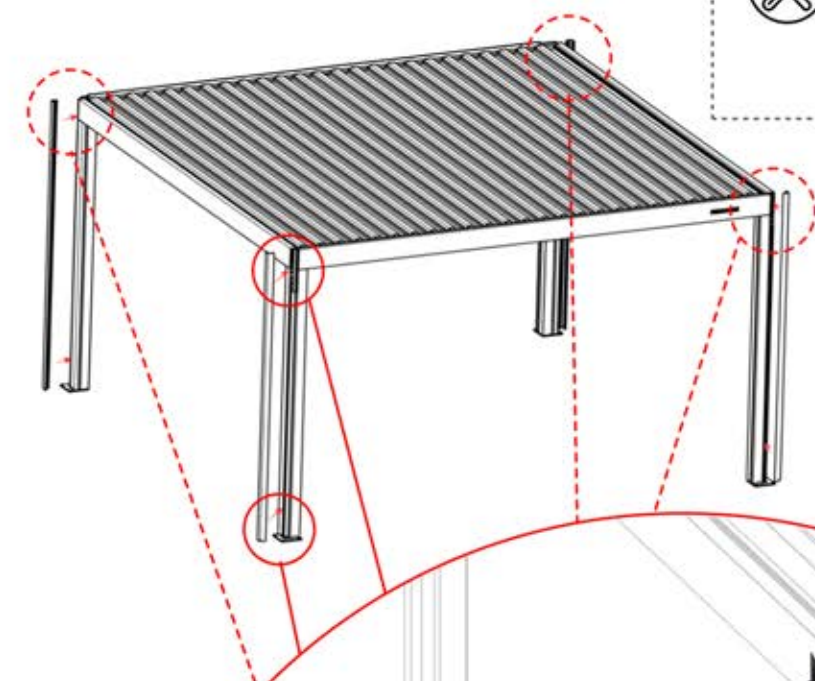
5

ANTHRACITE: C120
WHITE: C122
BLACK: C121

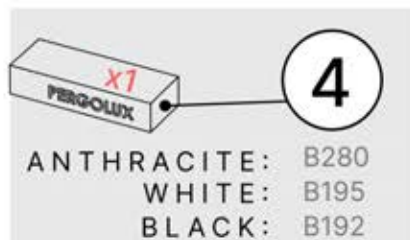


PN-200003386

4X



41



PN-200001514

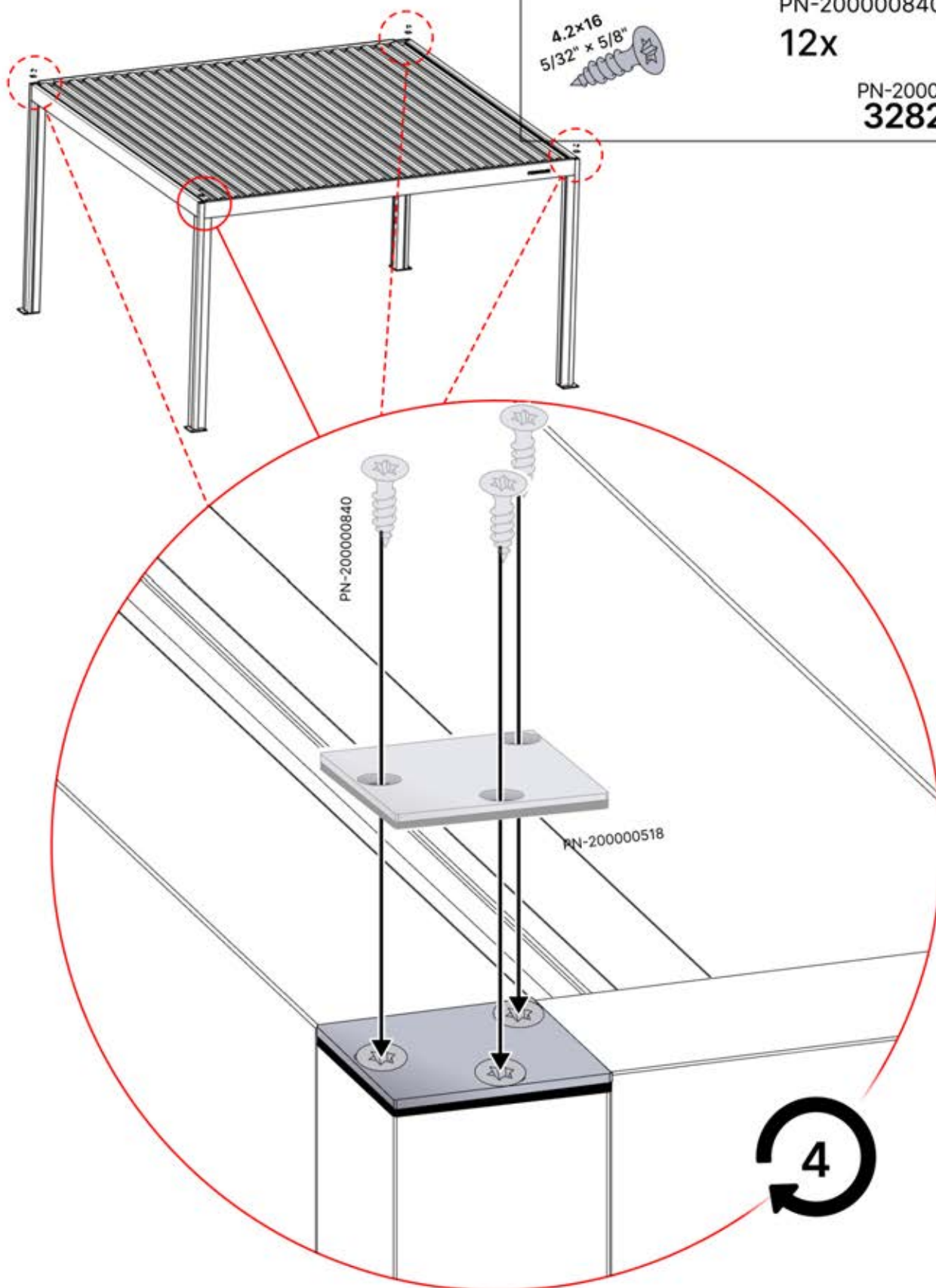
4x



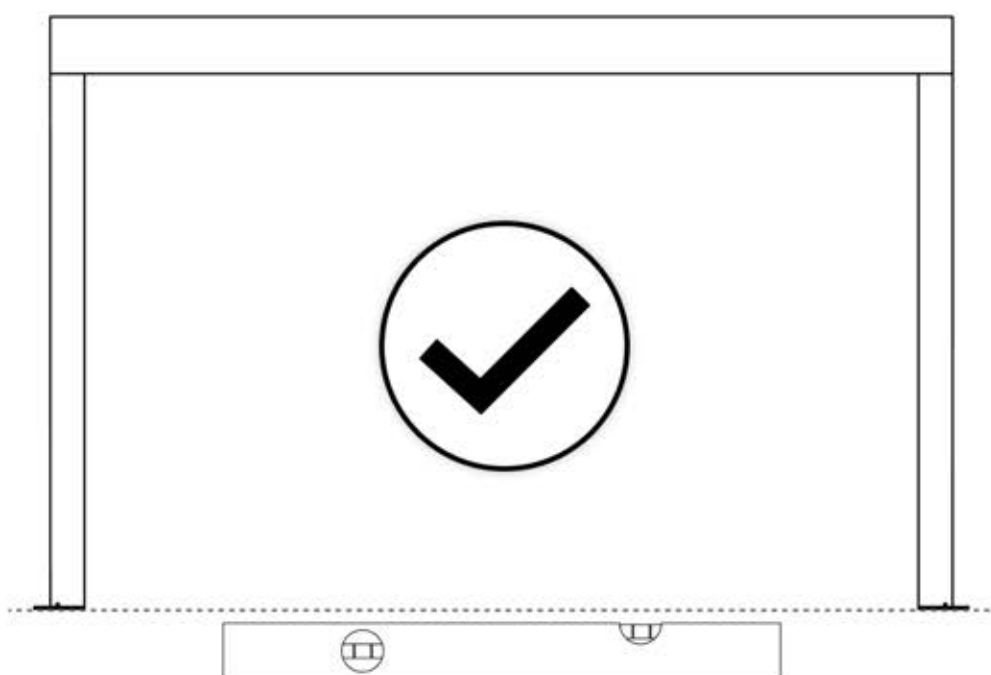
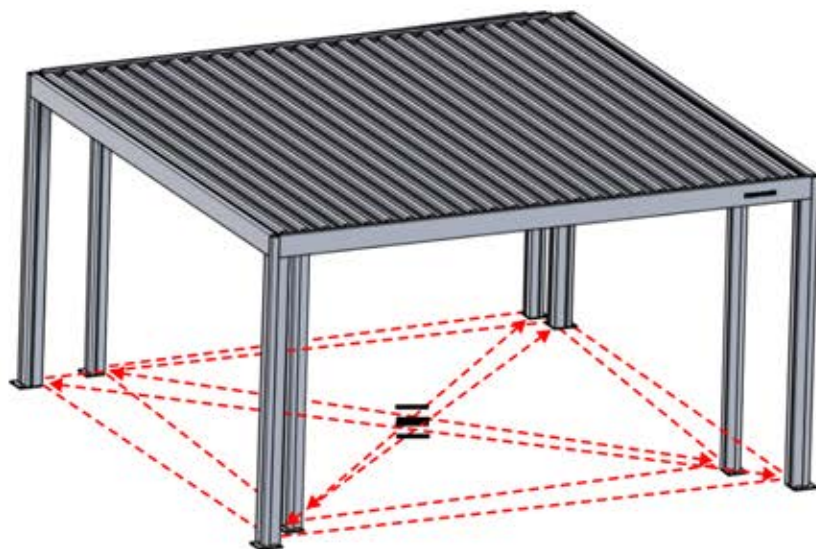
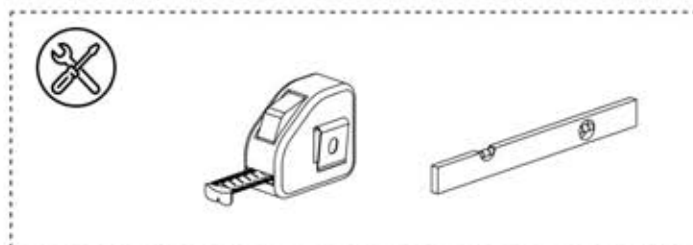
PN-200000840

12x

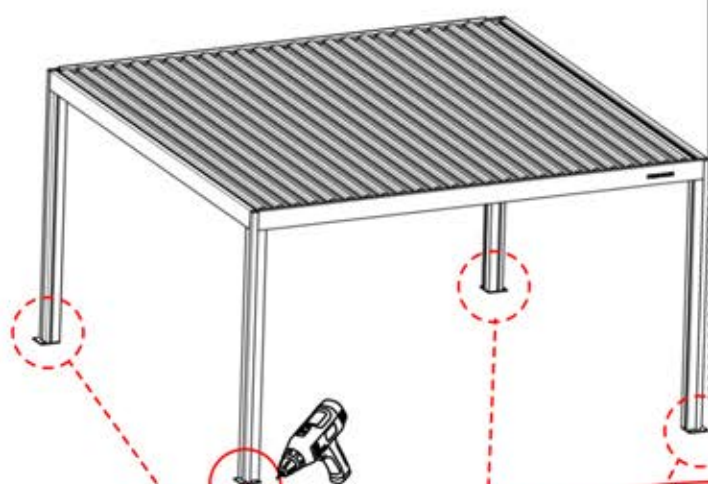
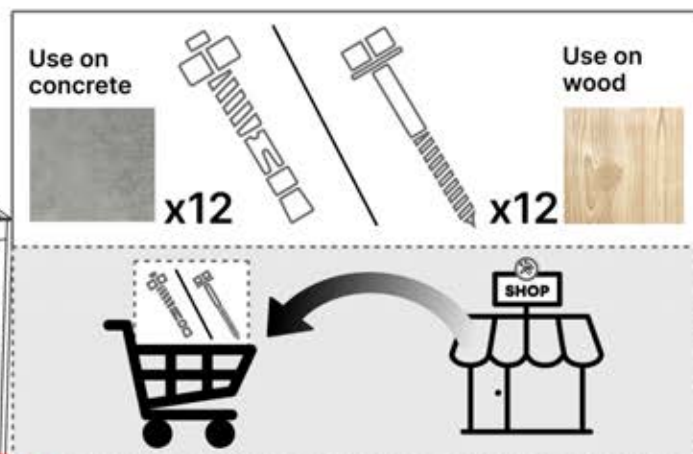
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42

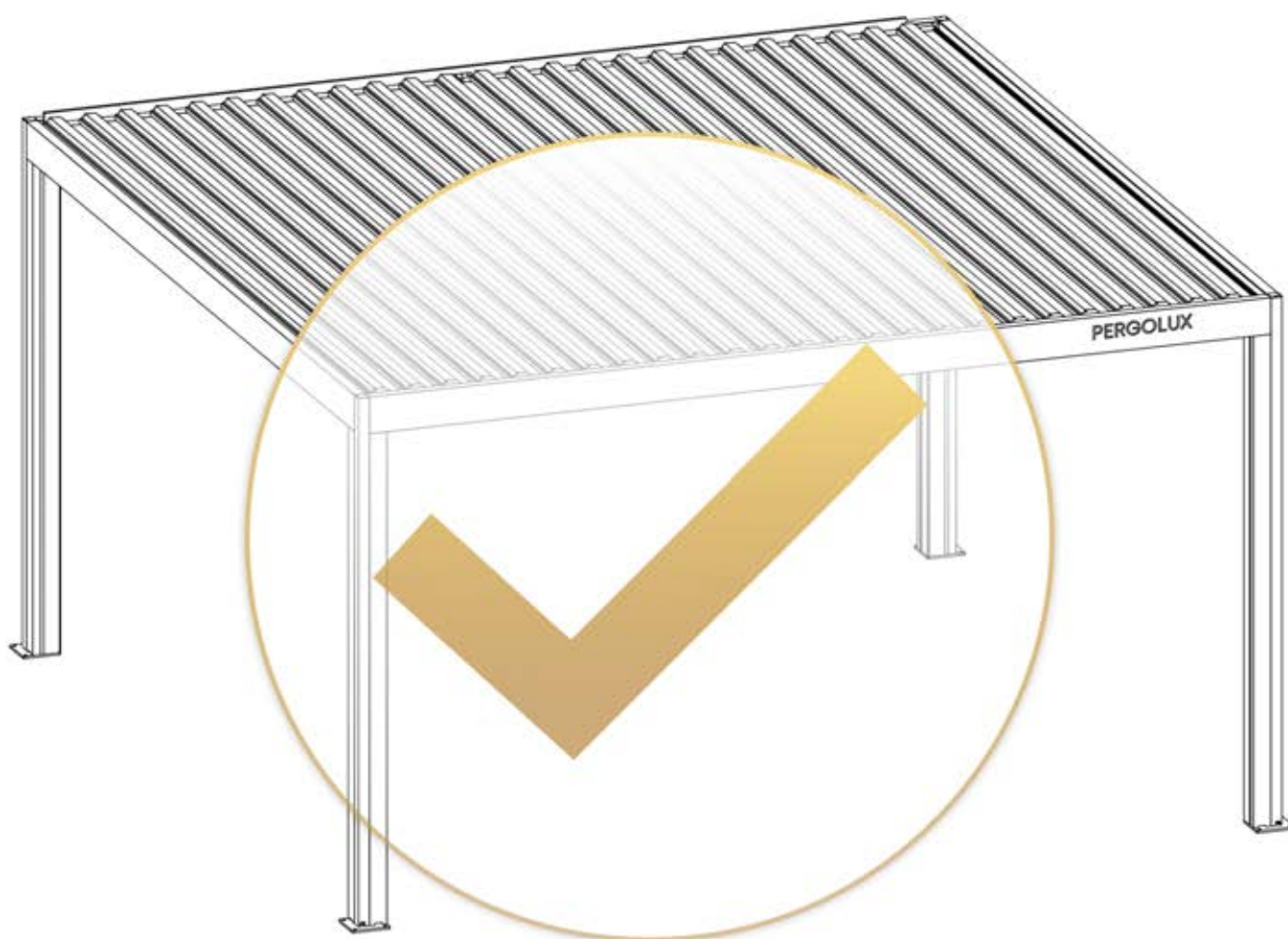


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PERGOLUX | PERGOLA FREESTANDING S4

3X5M / 10'x16'



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