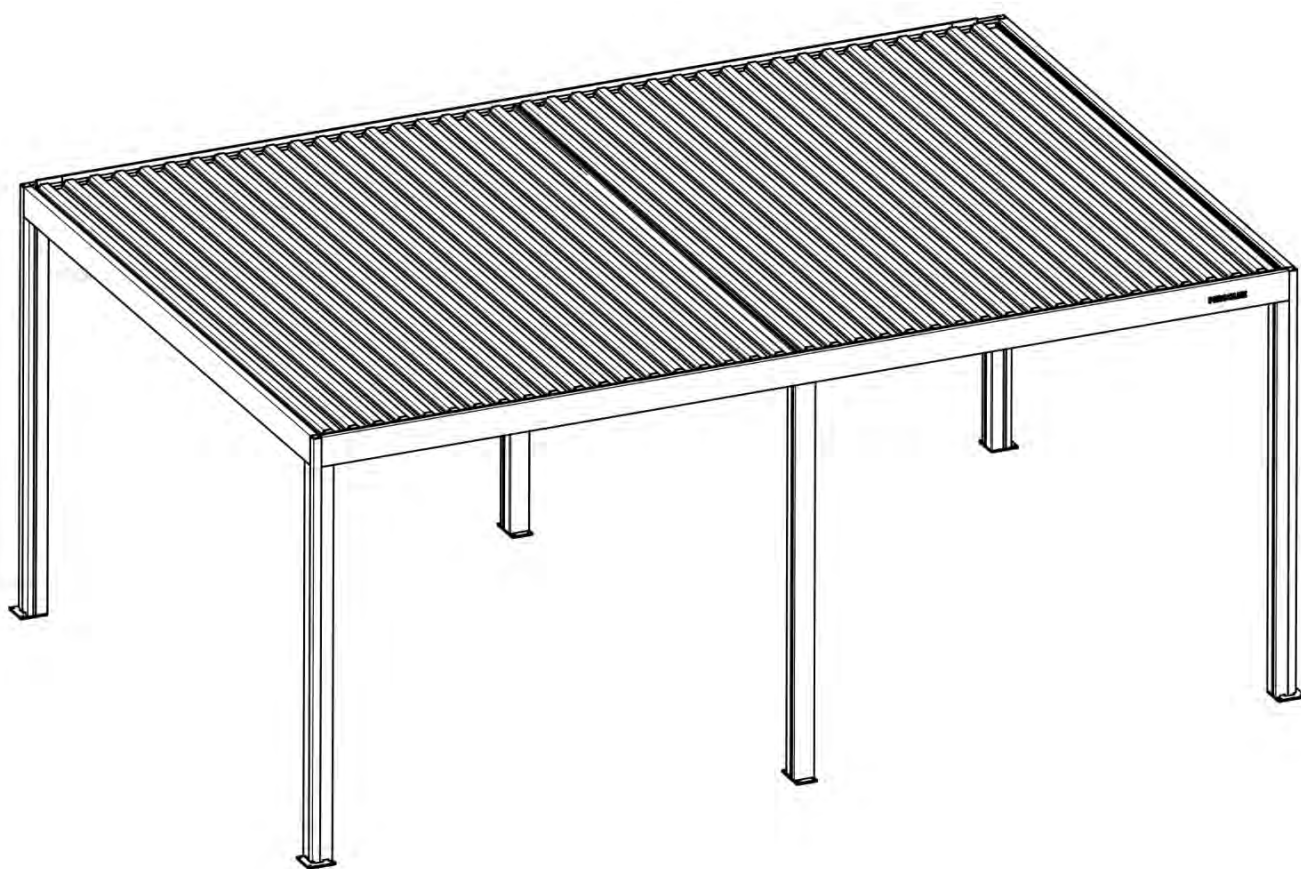


S4

PERGOLA



3 × 6m
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

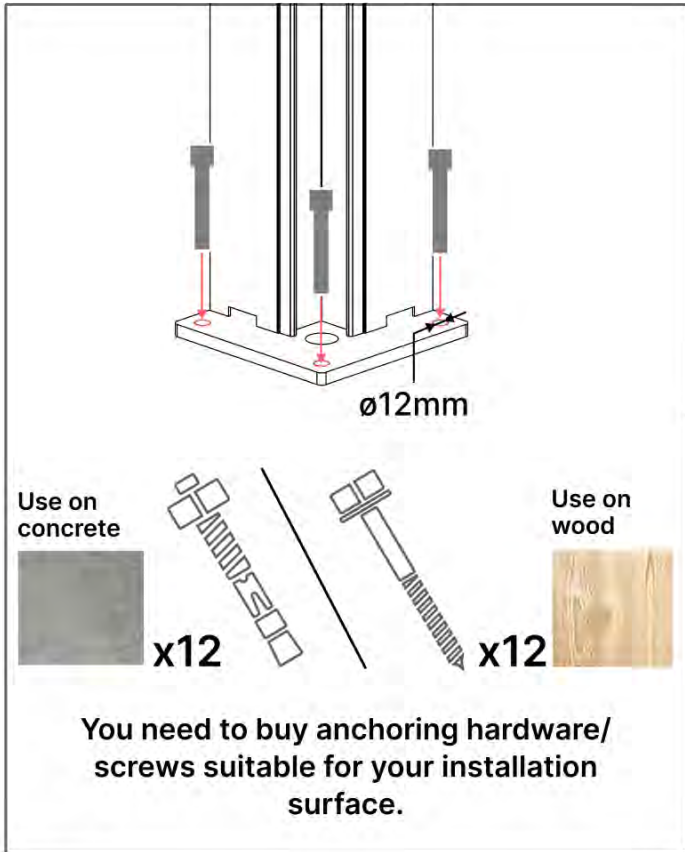


Motor



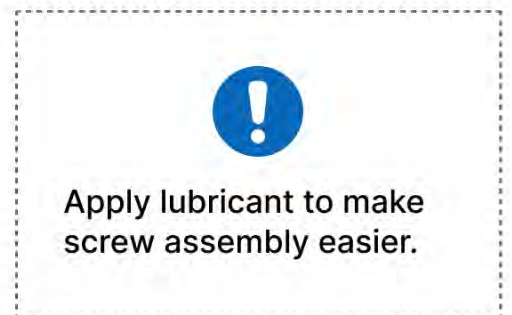
Turn around

INFORMATION

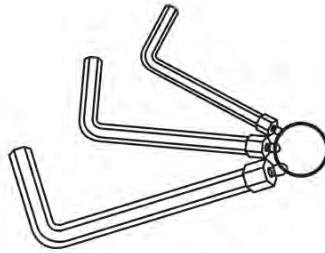
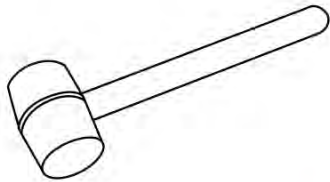


All screws from **PERGOLUX** are made of stainless steel, ensuring durability and resistance to rust. To prevent damage to screws, follow these guidelines:

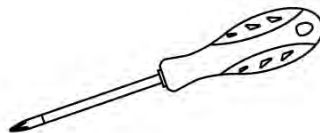
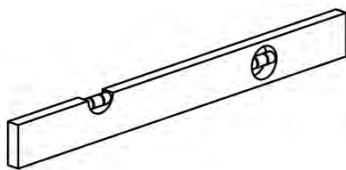
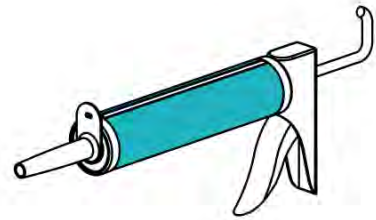
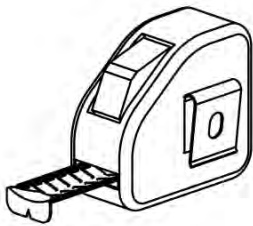
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



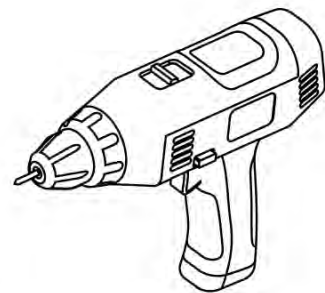
TOOLS



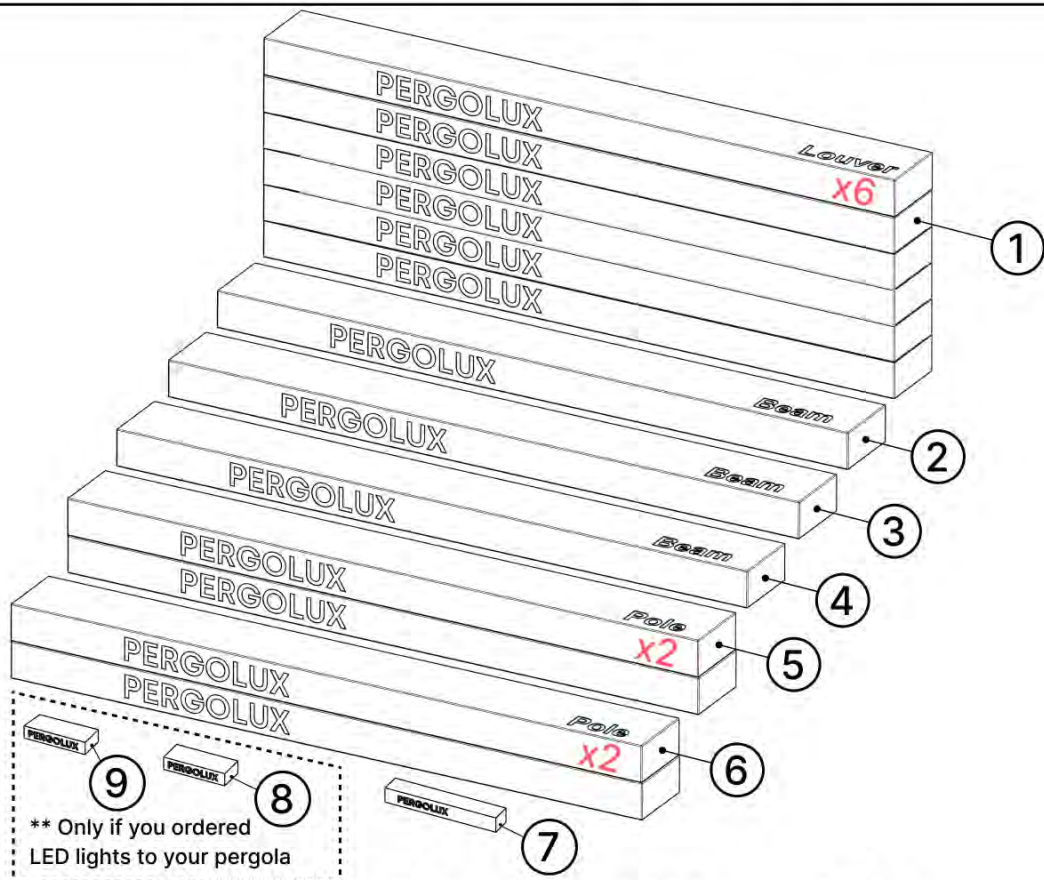
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30



PACKAGE OVERVIEW



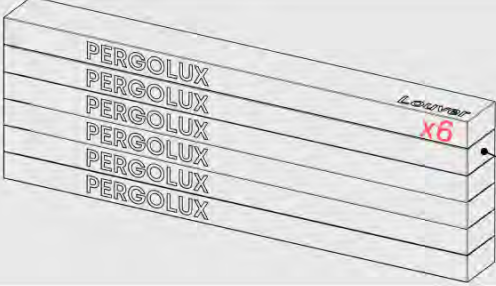
ORDER ANTHRACITE C 1 2 3 B 2 2 4

①	L191	L195	L193
②	B208	B212	B210
③	B189	B281	B282
④	B220	B224	B222
⑤	C123	C125	C124
⑥	C120	C122	C121
⑦	MANUAL MOTOR	MANUAL MOTOR	MANUAL MOTOR

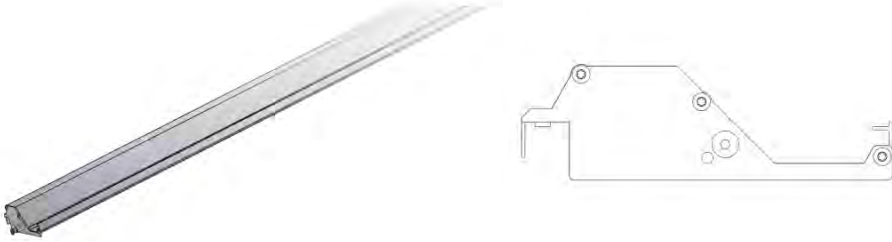
** Only if you ordered LED lights to your pergola

⑧	CONTROL BOX
⑨	POWER CABLE

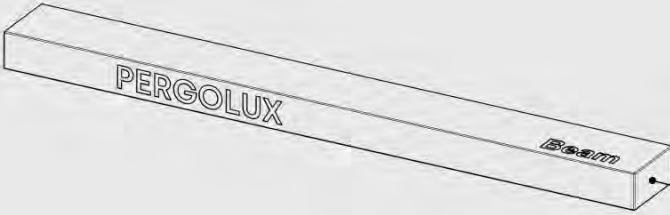
ITEMS IN BOX




	ANTHRACITE	WHITE	BLACK
1	L191	L195	L193



PN-200002714
36x



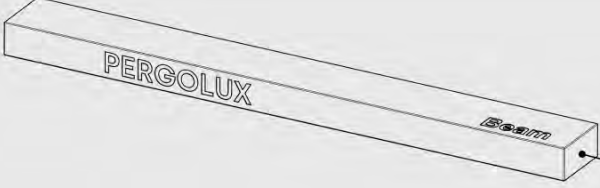



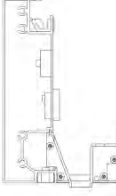

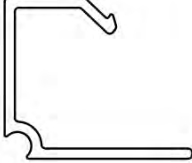




	ANTHRACITE	WHITE	BLACK
2	B208	B212	B210



PN-200002746
2x

Premounted
PN-200002708
2x

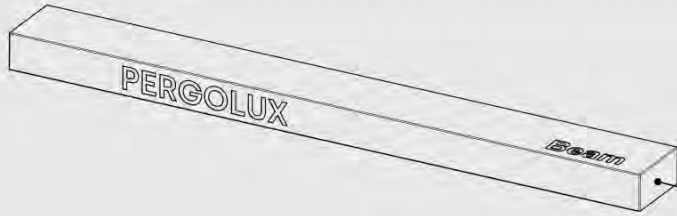
ITEMS IN BOX

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

ITEMS IN BOX



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



ANTHRACITE

WHITE

BLACK

3

B189

B281

B282



PN-200002866

1x



PN-20000
3346



PN-200000560
28x



PN-20000
3484



PN-200003384
2x



PN-20000
3414



PN-200000731
2x



PN-200000732
2x



PN-200000668
4x



PN-200000415
8x



PN-20000
3282



PN-200001514
4x



PN-200000840
12x



PN-20000
3310



PN-200002709
4x

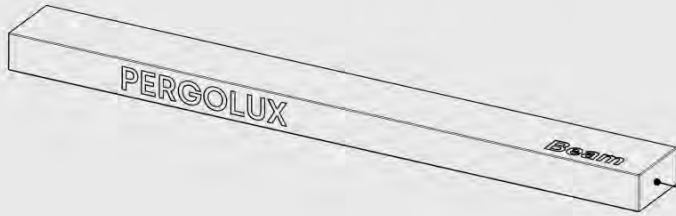


PN-200000958
4x

ITEMS IN BOX



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



ANTHRACITE WHITE BLACK

3

B189

B281

B282



PN-20000
3278



PN-200003033

2x

PN-200003030

1x



PN-200003031

1x

PN-200001207

2x



PN-20000
3319



PN-200003318

1x

PN-200003367

1x

PN-200000853

2x

PN-200003317

1x

PN-200000511

2x



PN-200003370

1x



PN-200003368

2x



PN-200000502

1x



PN-200000561

1x



PN-20000
3320



PN-200000826

2x



PN-20000
3342



PN-200002706

8x

ITEMS IN BOX



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

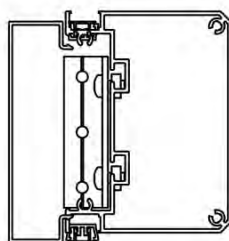
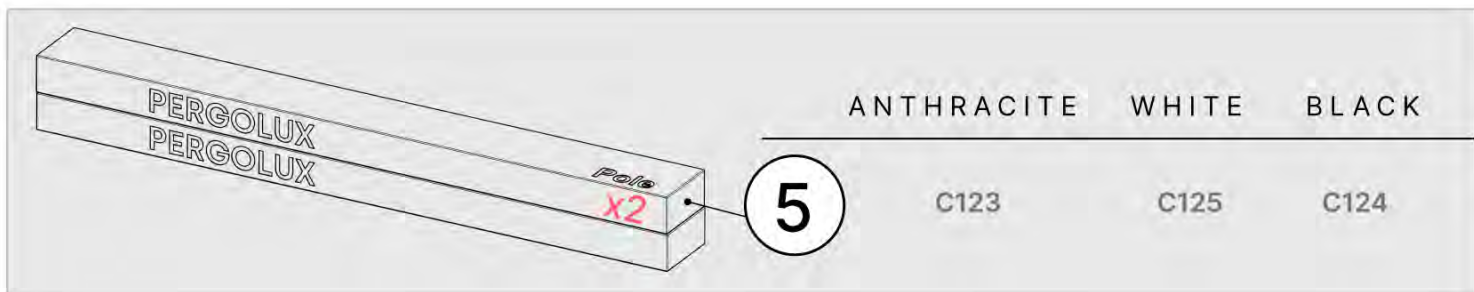
	ANTHRACITE	WHITE	BLACK
	3	B189	B281

PN-20000 3281 	PN-200002622 4x		PN-200000680 8x
PN-20000 3279 	PN-200000568 32x		PN-200003209 1x

	ANTHRACITE	WHITE	BLACK
	4	B220	B224

		PN-200003004 1x
		PN-200003003 1x
		PN-200000750 1x

ITEMS IN BOX



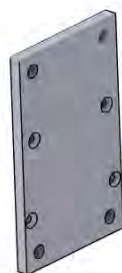
PN-200002782

2x



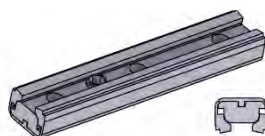
PN-200002783

2x



PN-200002785

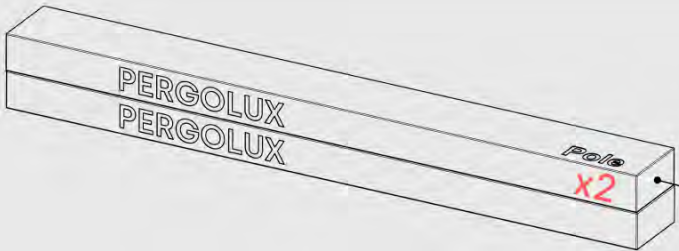
2x



PN NOT MENTI..

2x

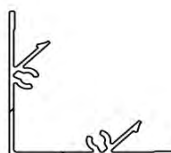
ITEMS IN BOX

	ANTHRACITE	WHITE	BLACK
	6	C120	C122



PN-200002606

4x



PN-200003413

4x



PN-200002718

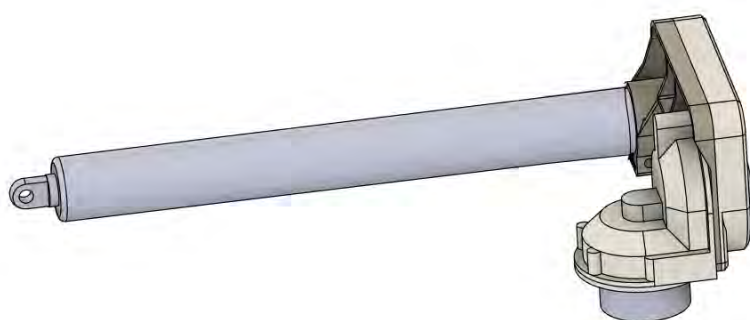
4x

ITEMS IN BOX



7

MANUAL MOTOR



Manual motor
PN-200001563
1x



PN-200003773

1x



PN-200001624

1x



PN-200001625

2x



Hand crank

1x

ITEMS IN BOX

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



8

CONTROL BOX



Control box

1x



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.



9

POWER CABLE



PN-200003781

1x

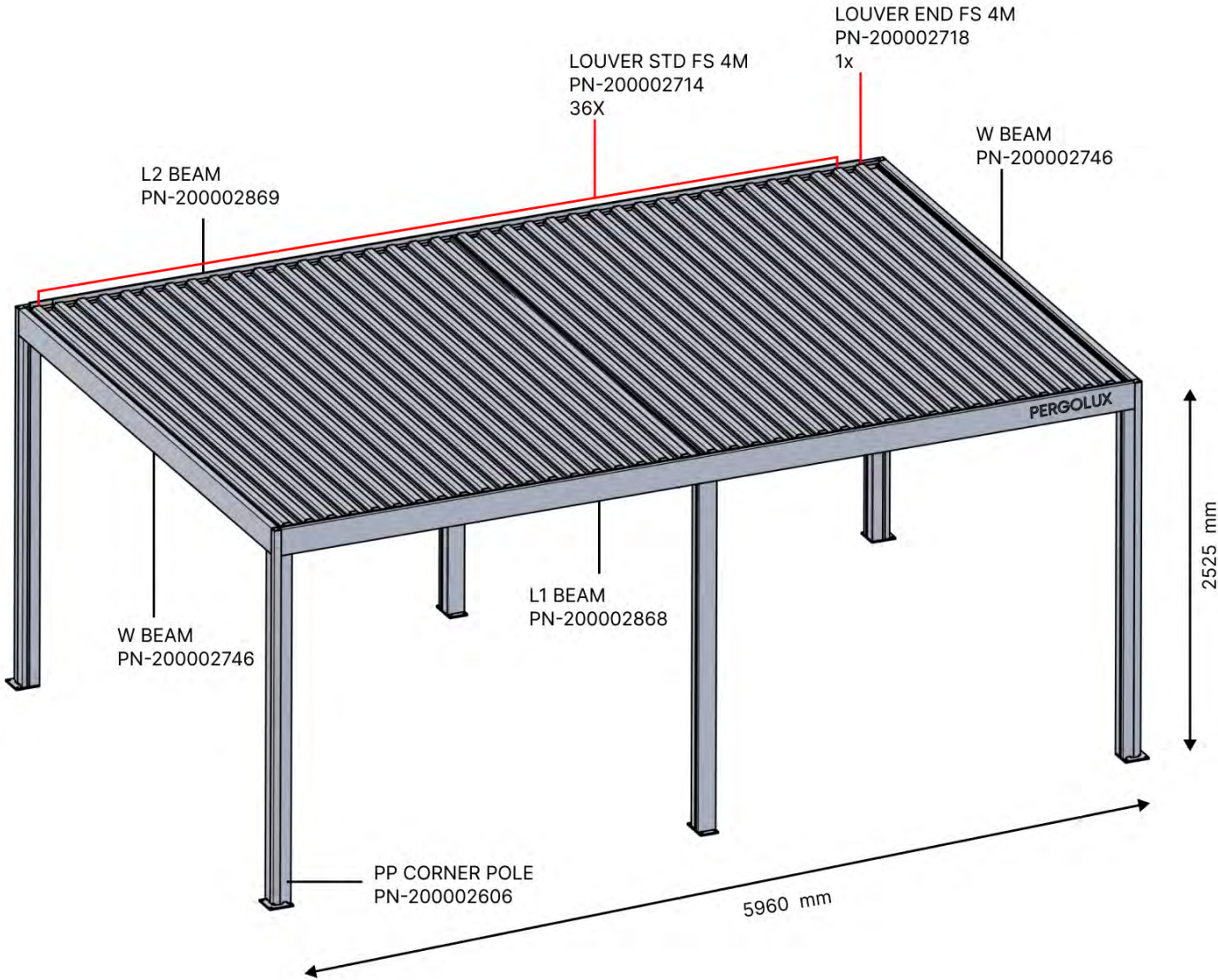


All electric parts should be tested before installation.

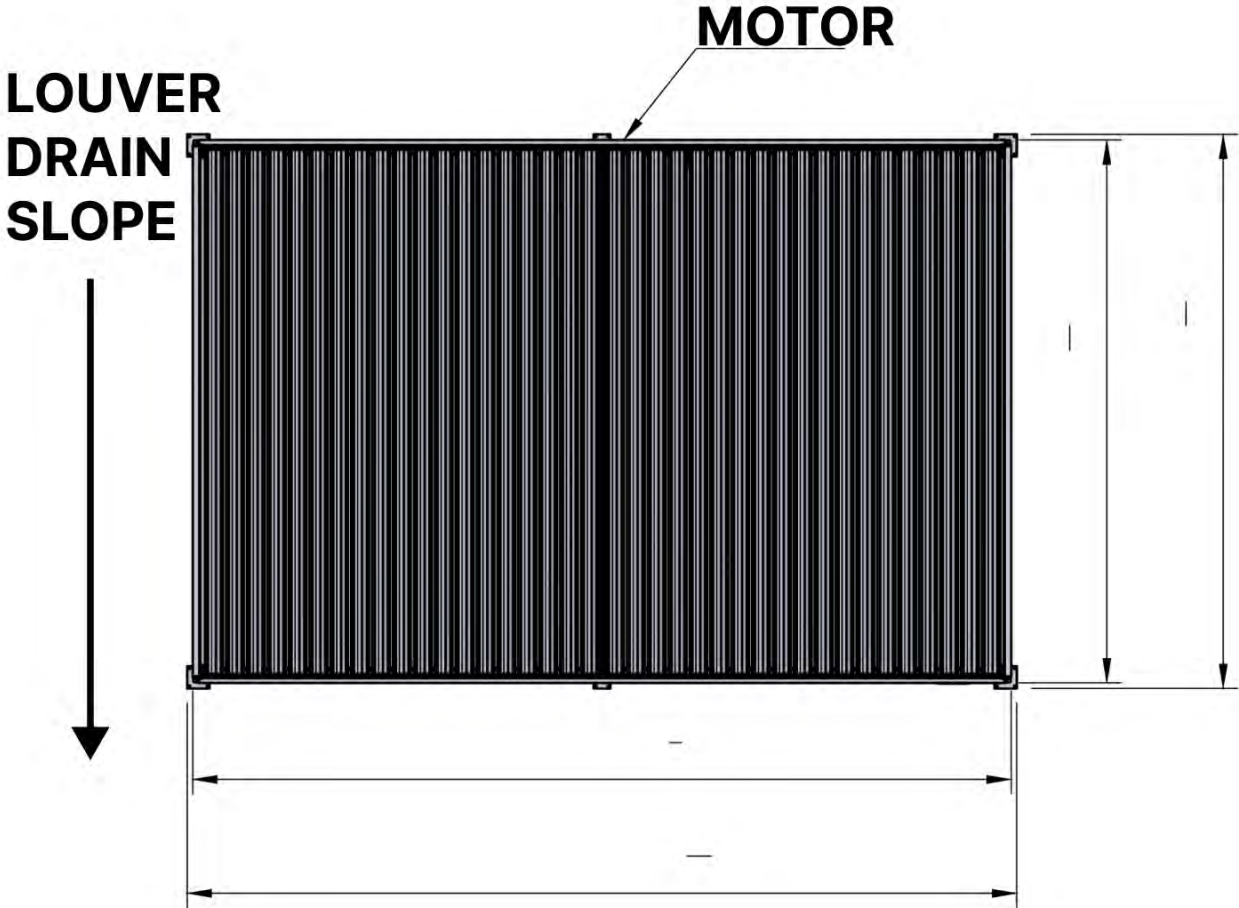
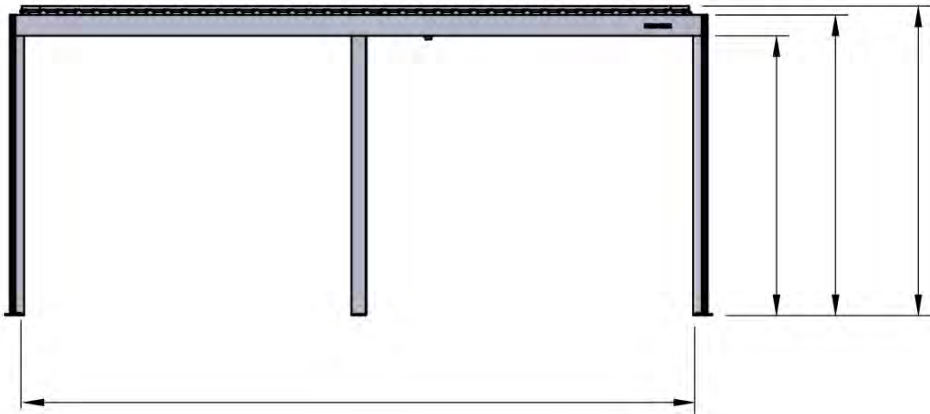
LEDs + Motor (and heater) should be connected to the Control box and programmed to ensure functionality.

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

3 x 6 m



3 X 6 m



01

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

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

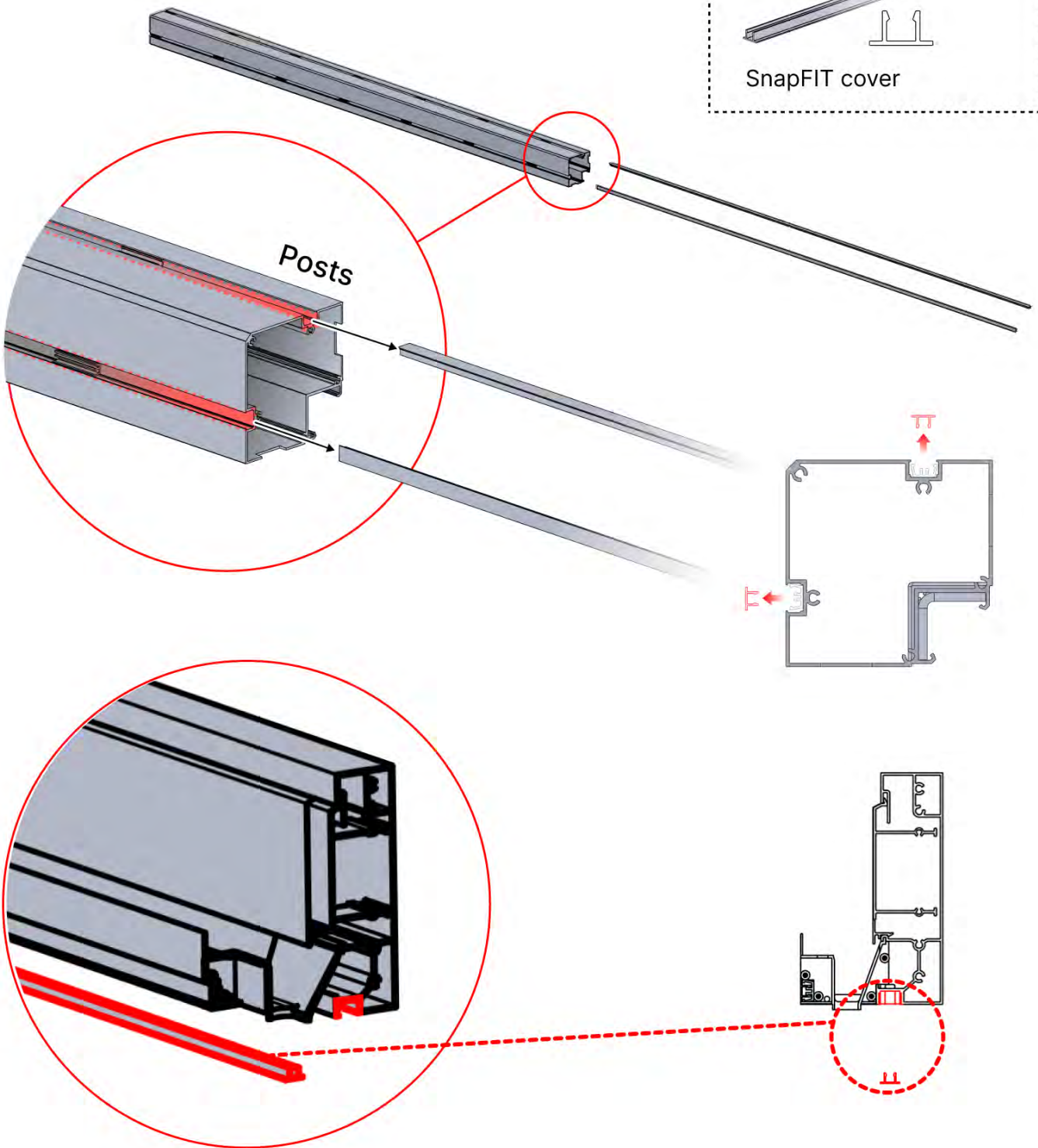
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



02

Are you installing a heater, fan or LED lights?

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

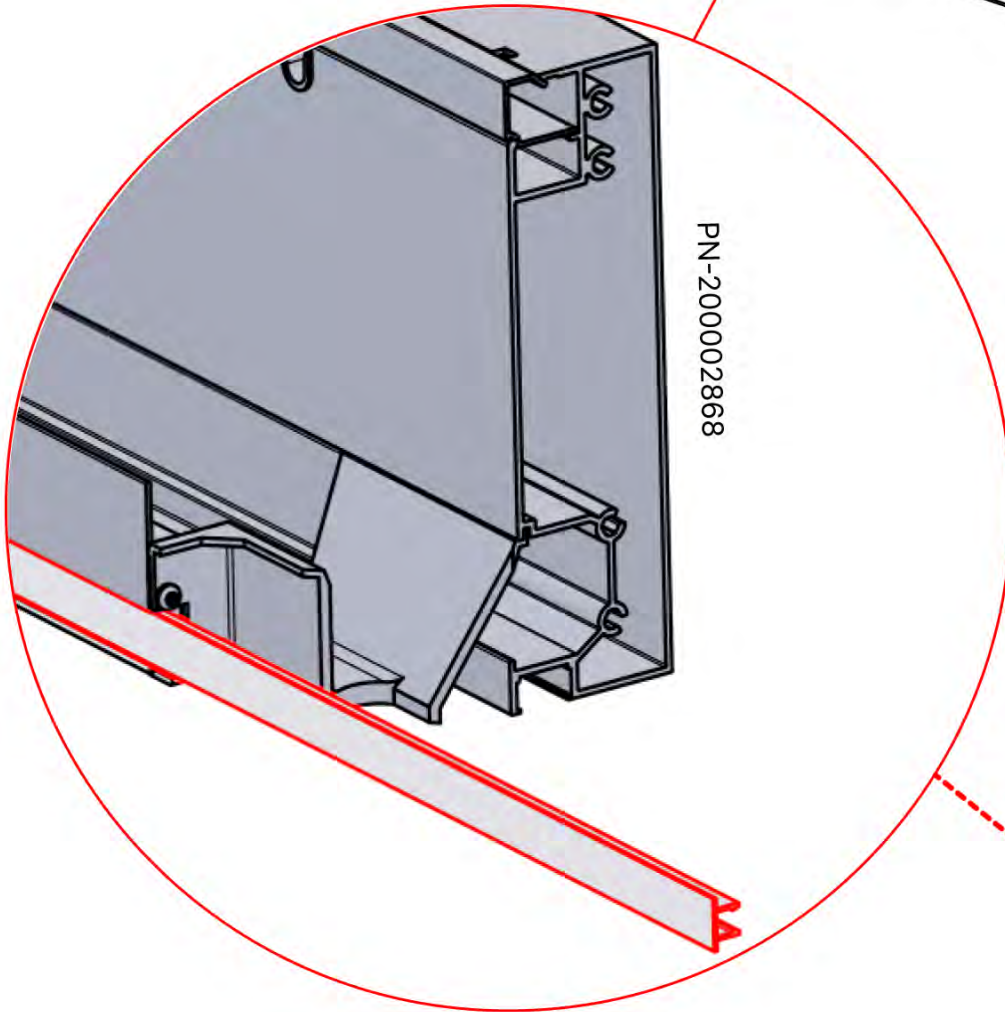
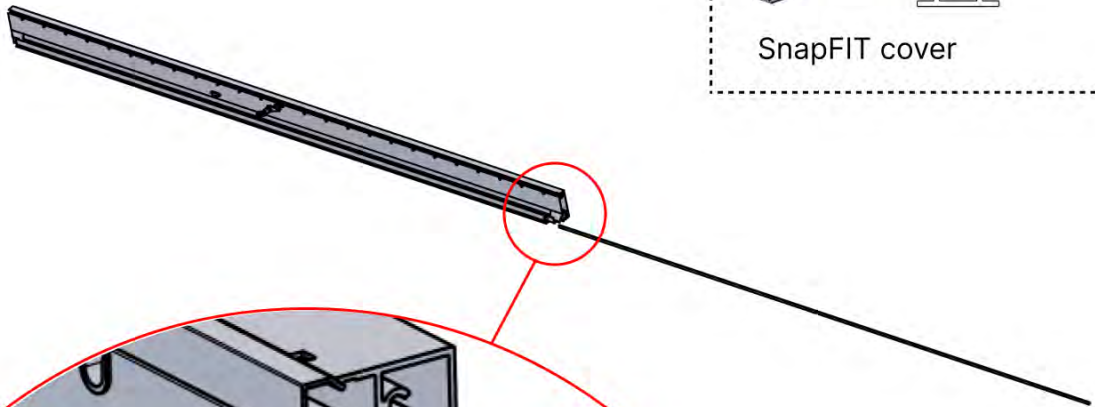
Cover and clips



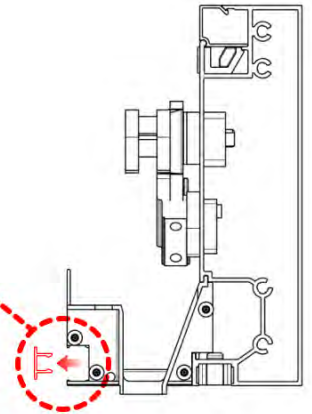
PN-200000512
LED STRIP COVER CLIP



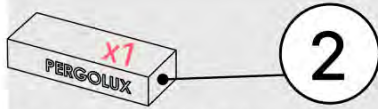
SnapFIT cover



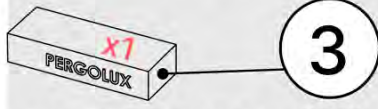
PN-200002868



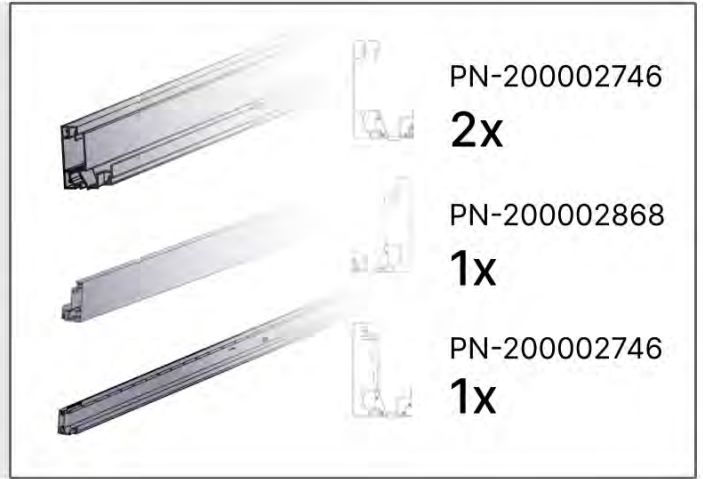
03



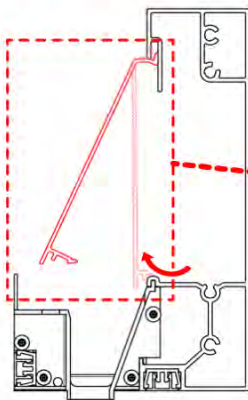
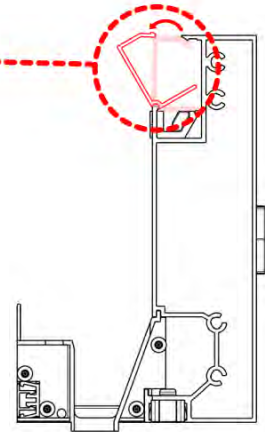
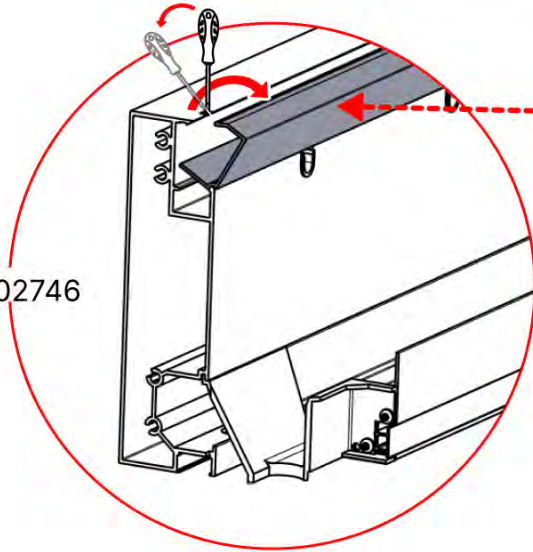
ANTHRACITE: B208
WHITE: B212
BLACK: B210



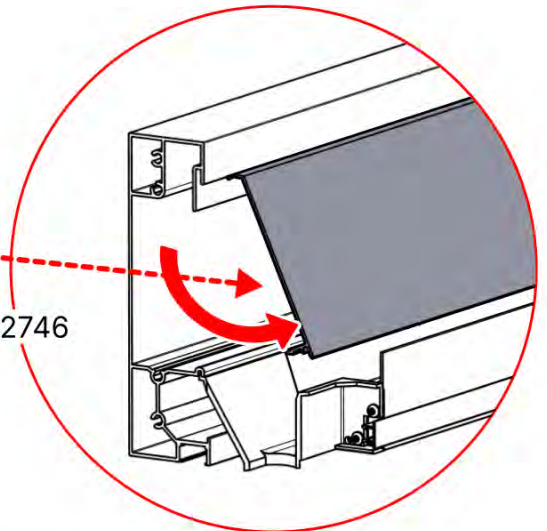
ANTHRACITE: B189
WHITE: B281
BLACK: B282



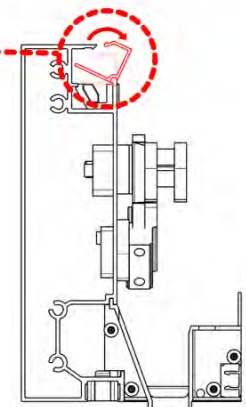
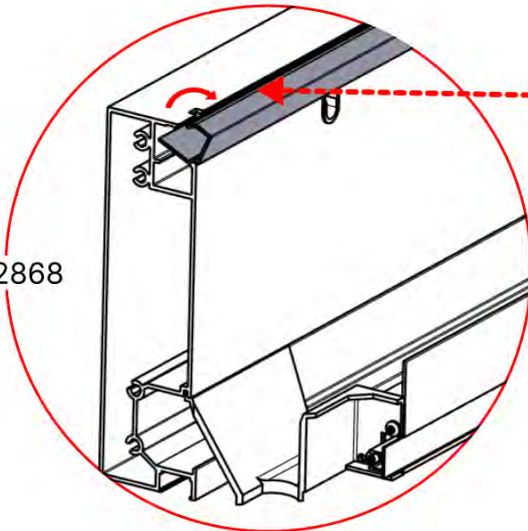
PN-200002746



PN-200002746



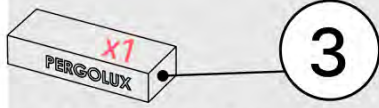
PN-200002868



04



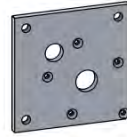
ANTHRACITE: C120
WHITE: C122
BLACK: C121



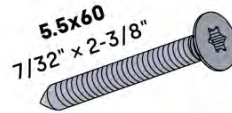
ANTHRACITE: B189
WHITE: B281
BLACK: B282



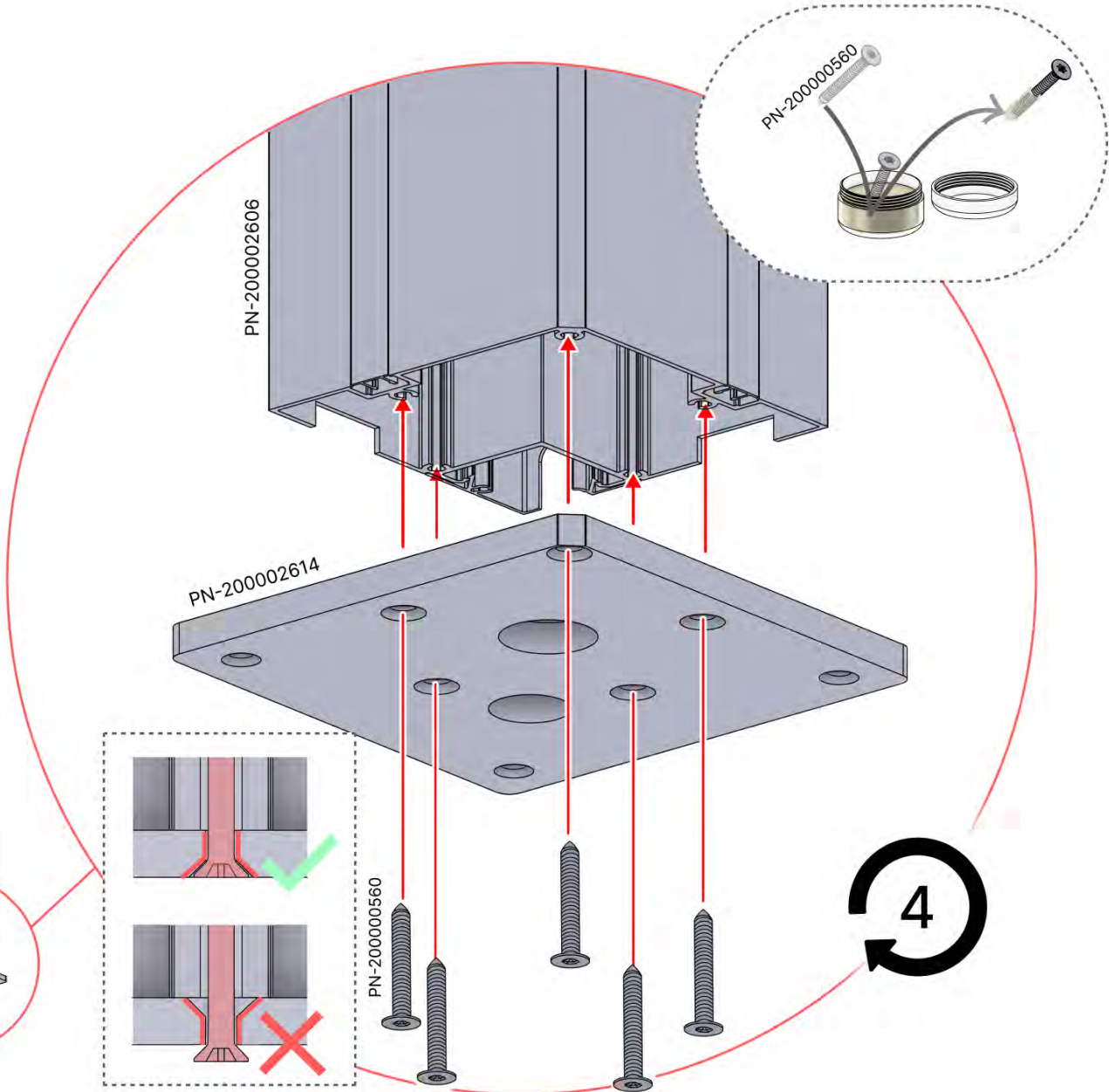
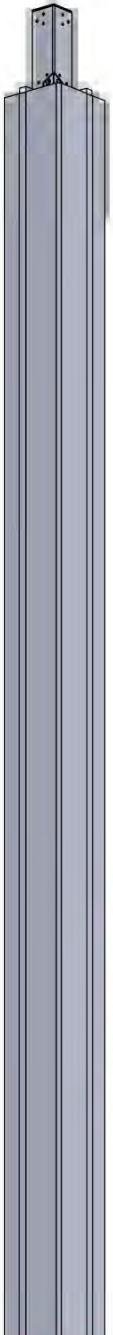
PN-200002606
4x



PN-200002614
4x



PN-200000560
20x



PN-200002606

PN-200002614

PN-200000560

PN-200000560

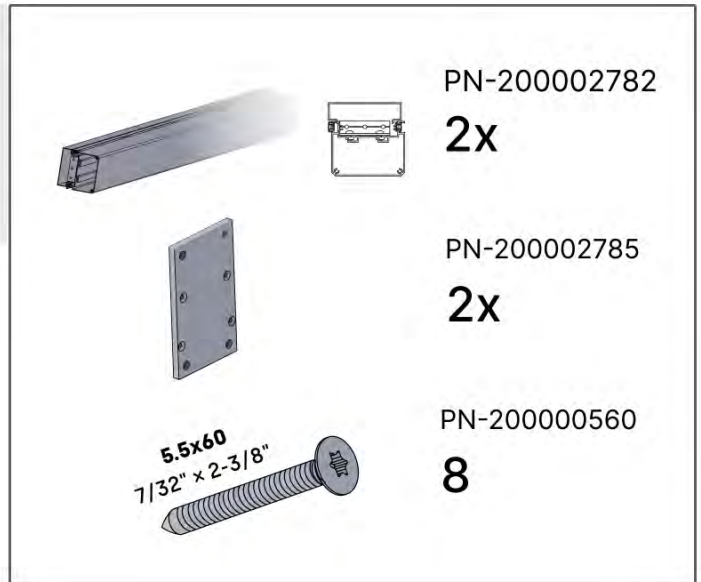
4

05

x2
PERGOLUX
PERGOLUX

5

ANTHRACITE: C123
WHITE: C125
BLACK: C124

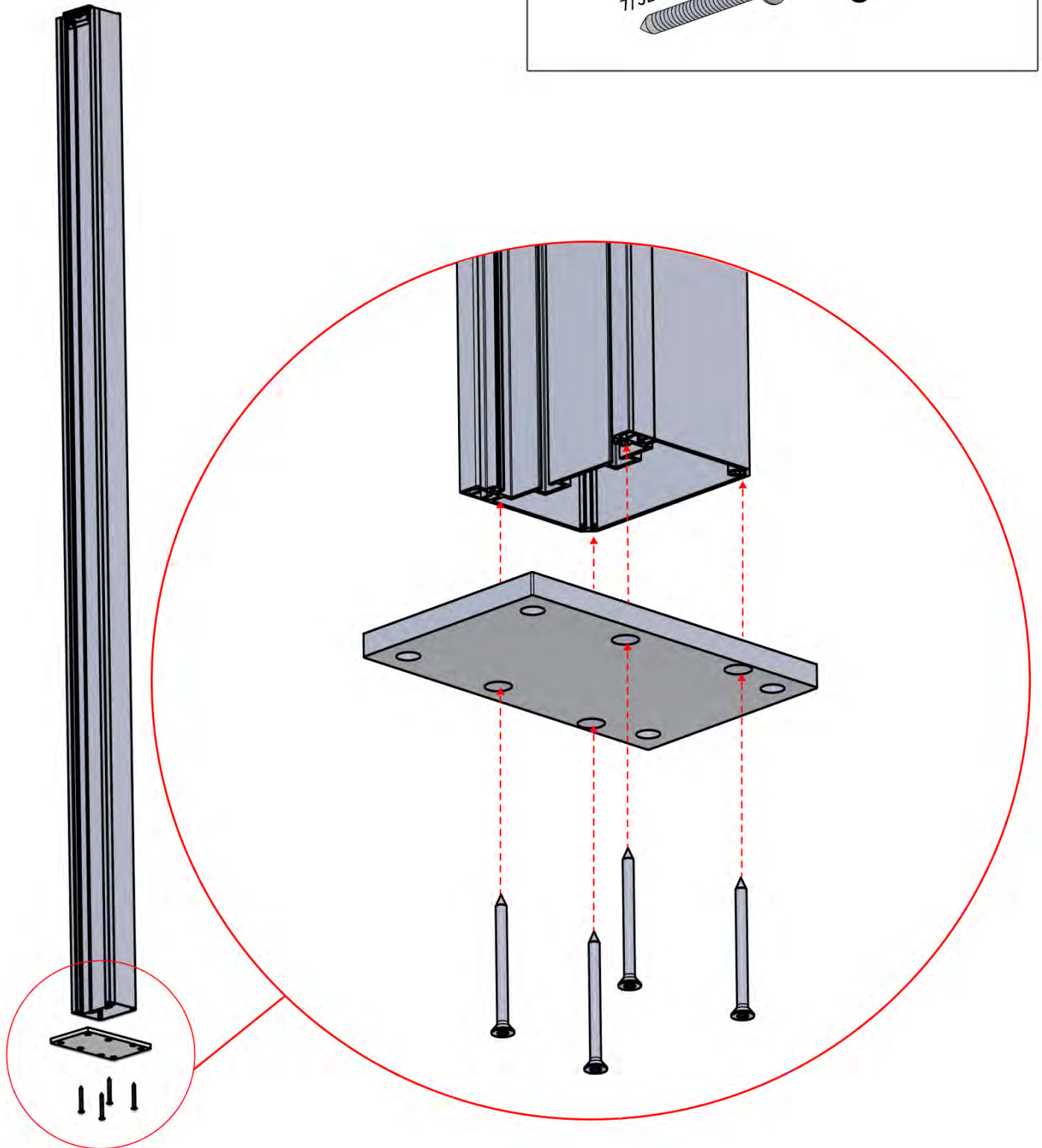


PN-200002782
2x

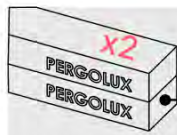
PN-200002785
2x

PN-200000560
8

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

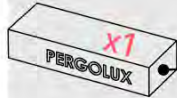


INFORMATION



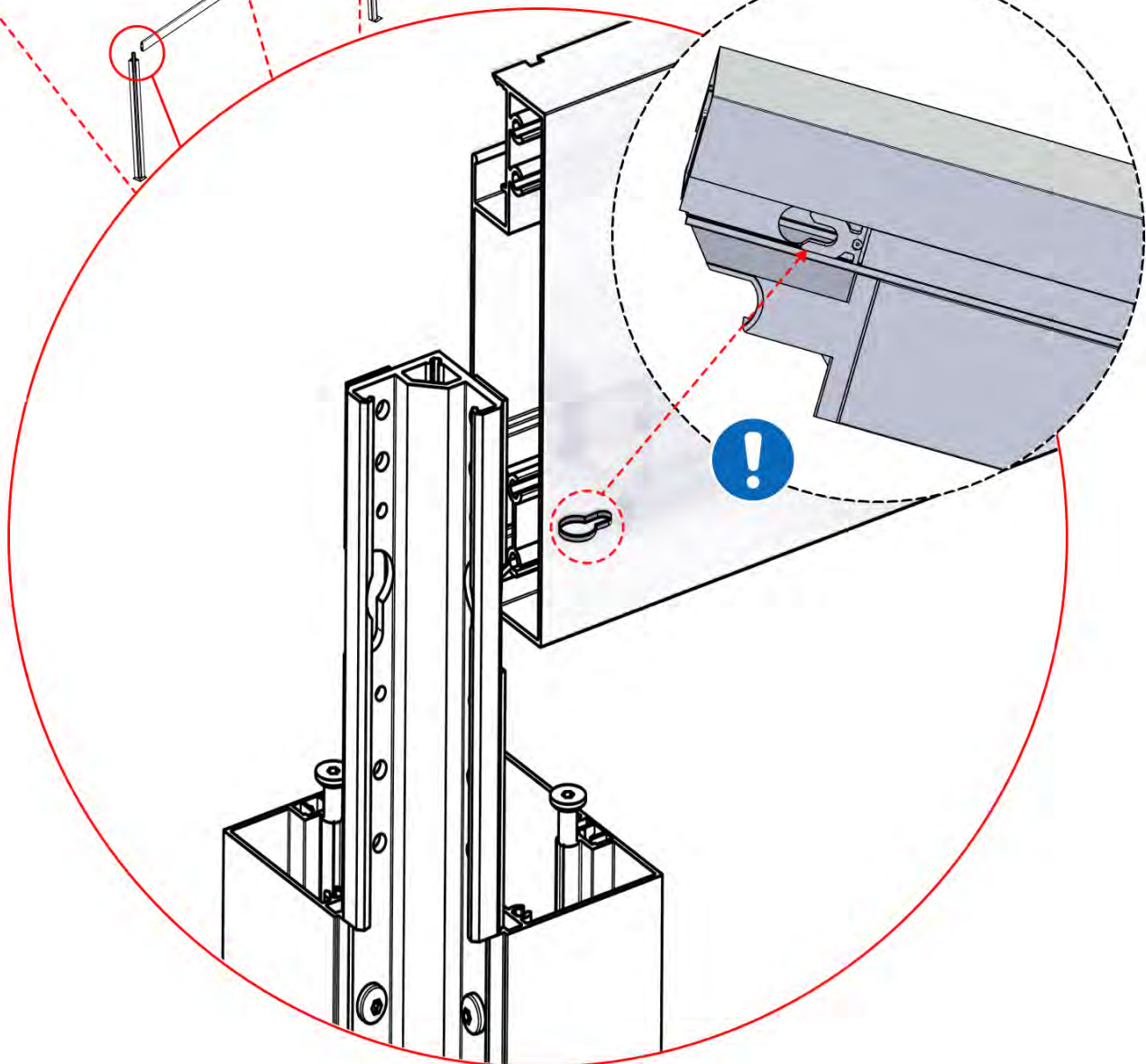
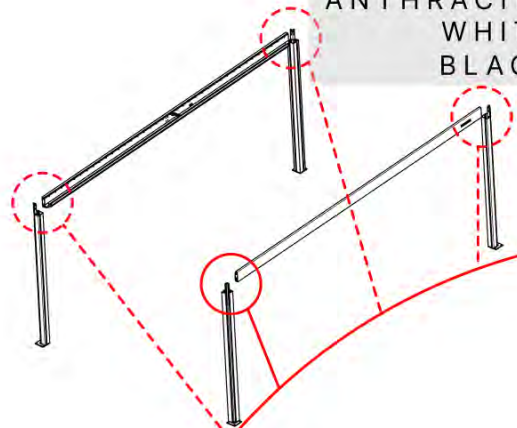
6

ANTHRACITE: C120
 WHITE: C122
 BLACK: C121



3

ANTHRACITE: B189
 WHITE: B281
 BLACK: B282



06

x2
PERGOLUX
PERGOLUX

6

ANTHRACITE: C120
WHITE: C122
BLACK: C121

x1
PERGOLUX

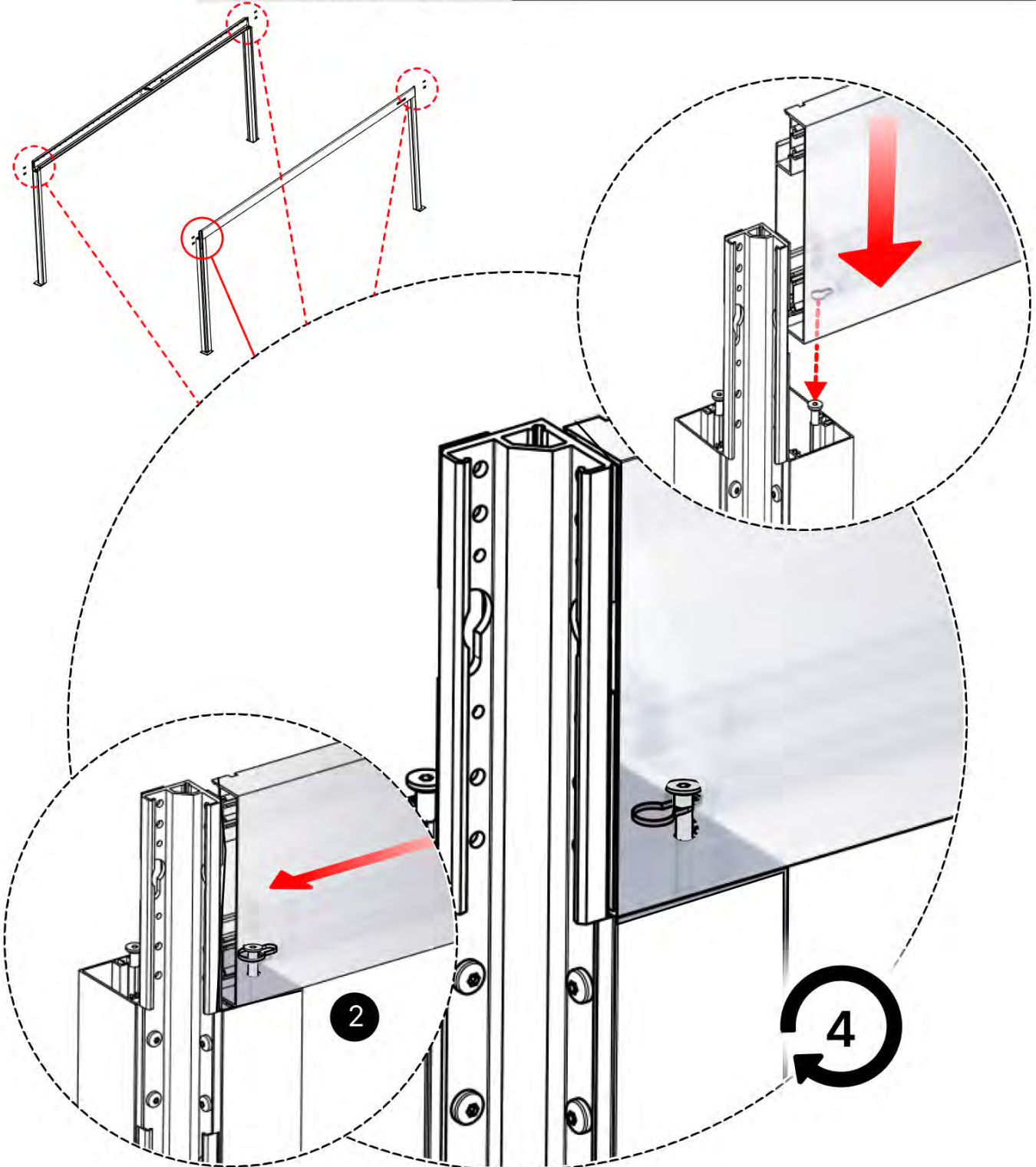
3

ANTHRACITE: B189
WHITE: B281
BLACK: B282

PN-200002606
4x

PN-200002868
1x

PN-200002869
1x



07

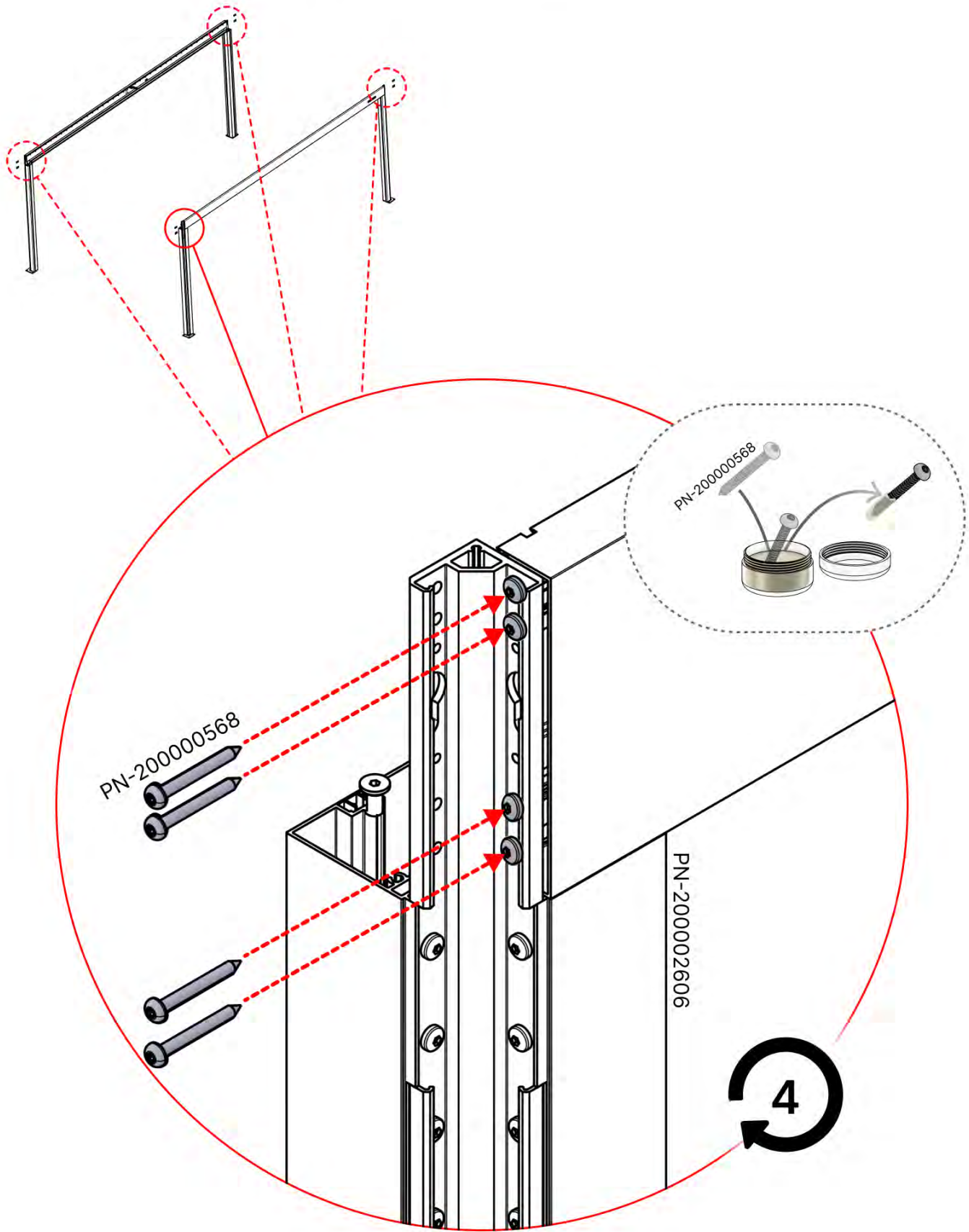
X7
PERGOLUX

3

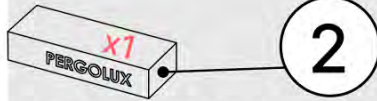
ANTHRACITE: B189
WHITE: B281
BLACK: B282



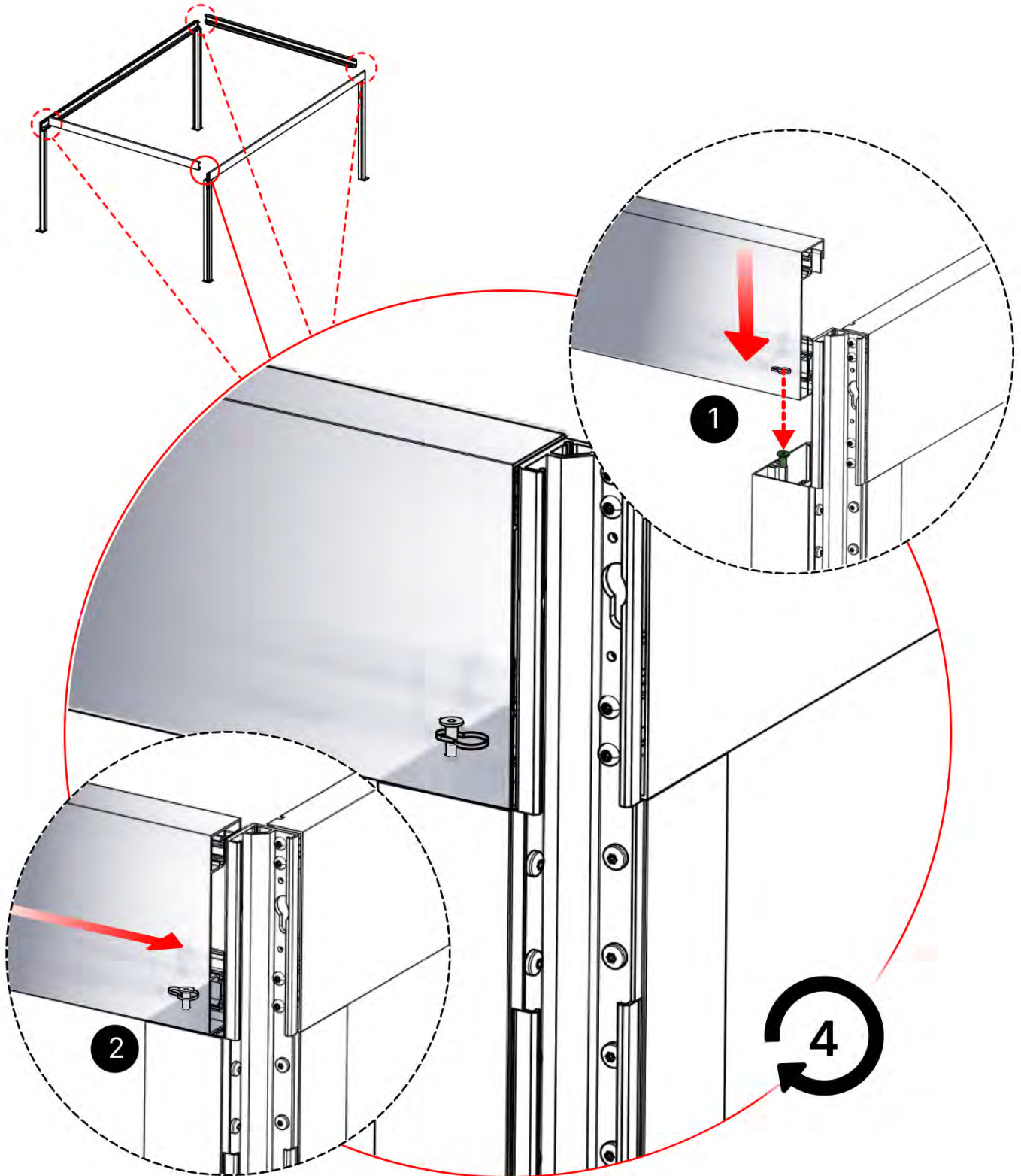
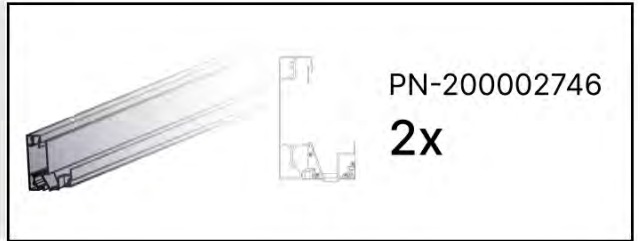
PN-200000568
4x



08



ANTHRACITE: B208
WHITE: B212
BLACK: B210



09

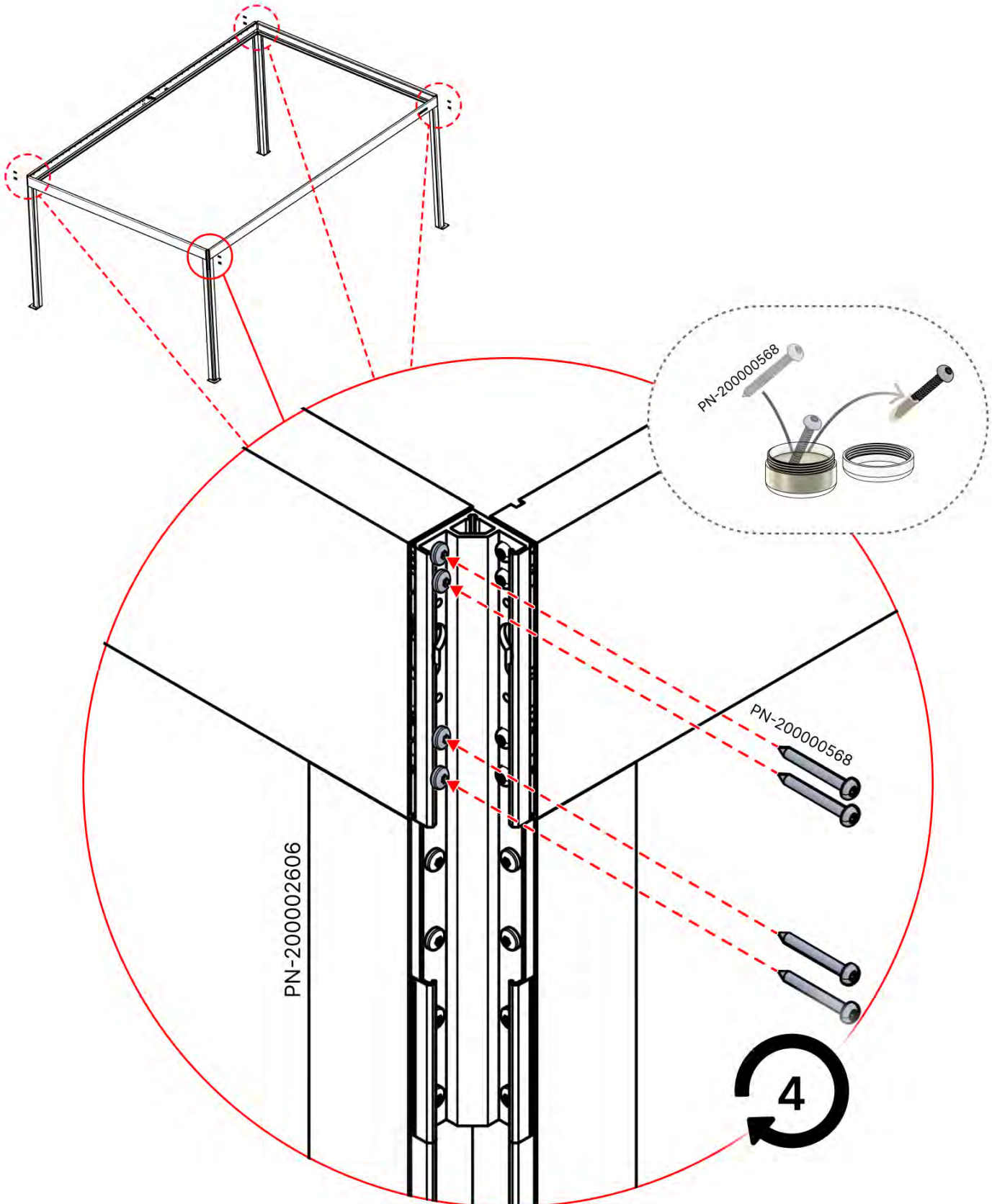
PERGOLUX *x7*

3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



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

3

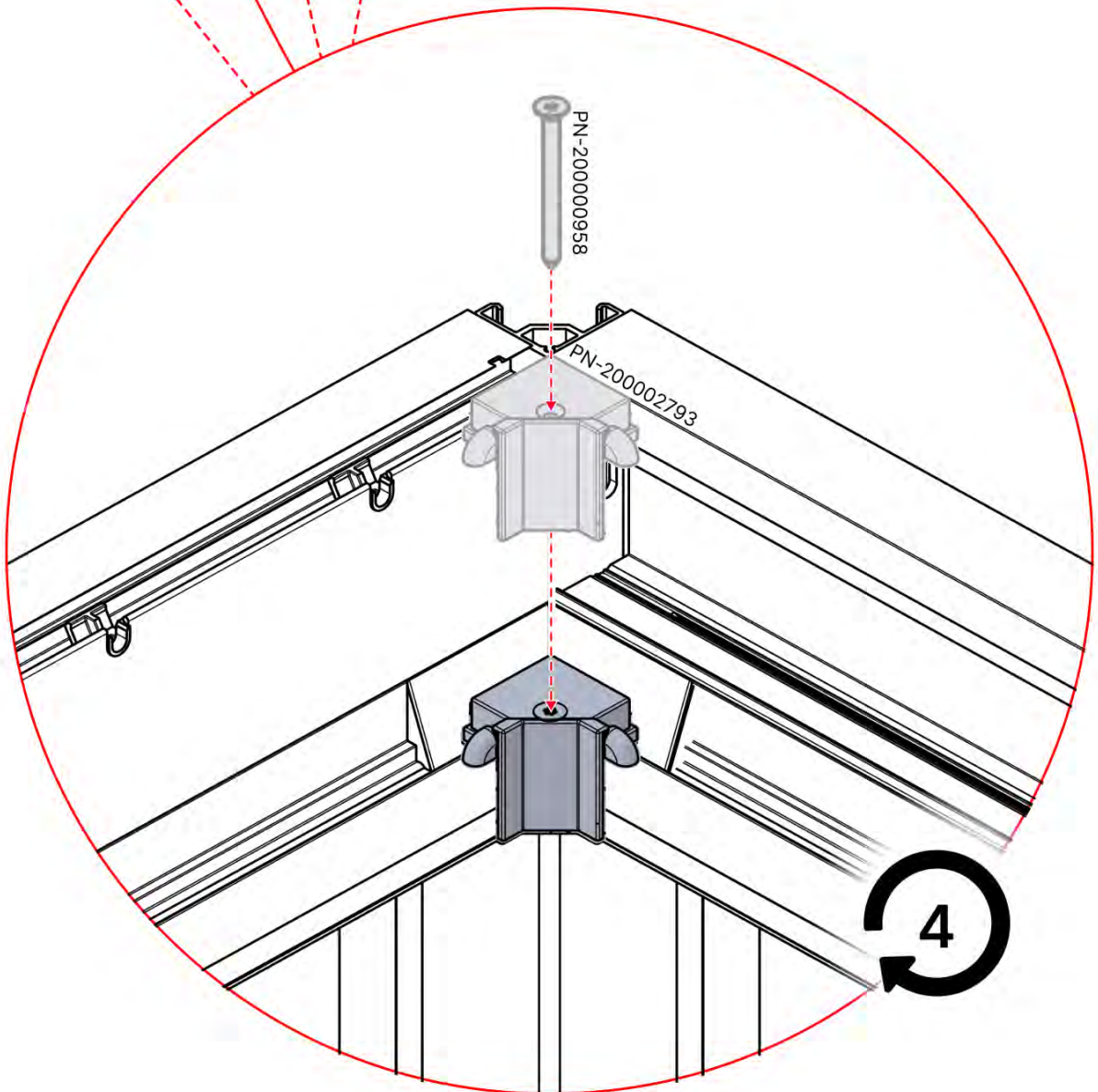
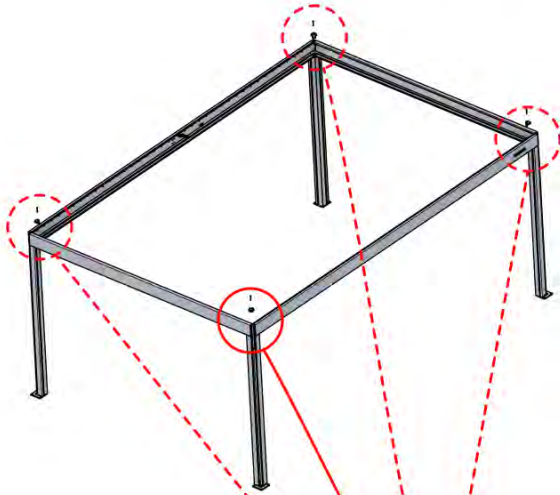
PERGOLUX **x7**

ANTHRACITE: B189
WHITE: B281
BLACK: B282

PN-200002709
4x

PN-200000958
4x

5.5 x70



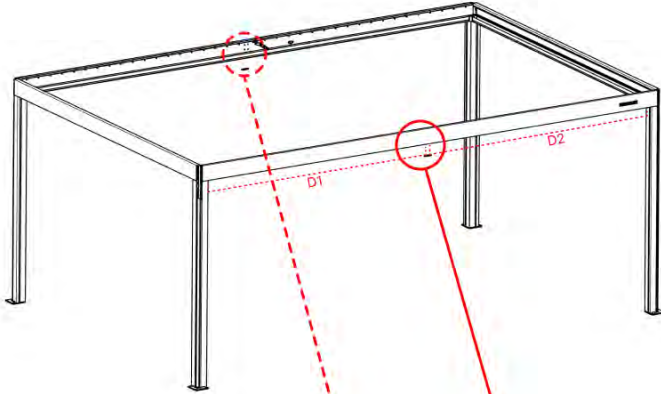
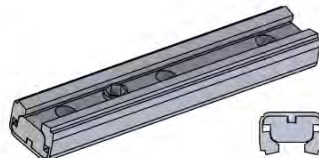
11

x2
PERGOLUX
PERGOLUX

5

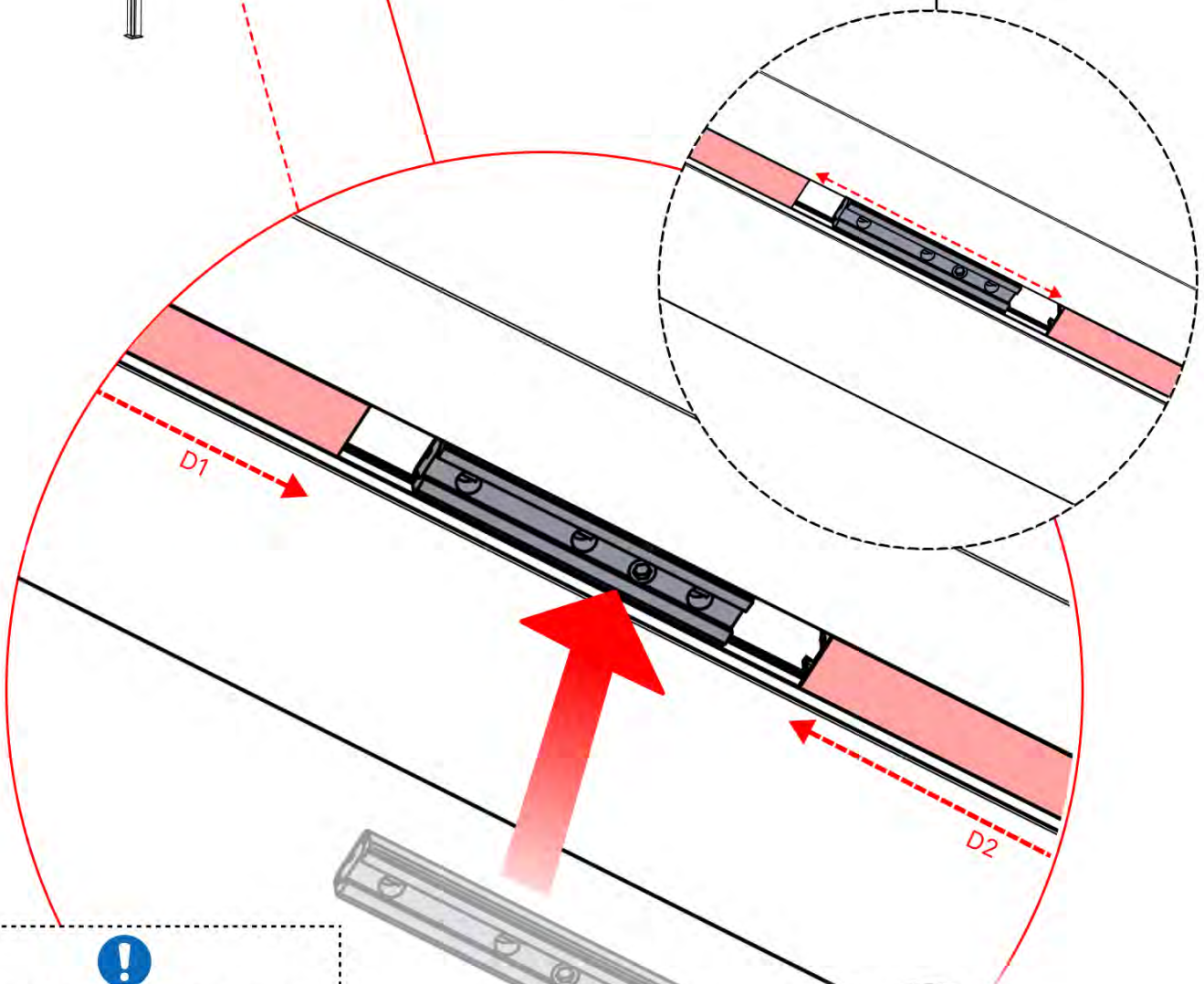
ANTHRACITE: C123
WHITE: C125
BLACK: C124

PN-20000....
2x



!

While the snapFIT clip can be shifted left or right to adjust the pole position—by trimming the snapFIT cover (highlighted in red)—please be advised that off-center placement will compromise the accuracy of the pergola's rated snow and wind load specifications.



!

Ensure the snapFIT clip is centered so that $D1 = D2$. This placement guarantees that the center pole remains perfectly aligned during the next assembly step.

2

12

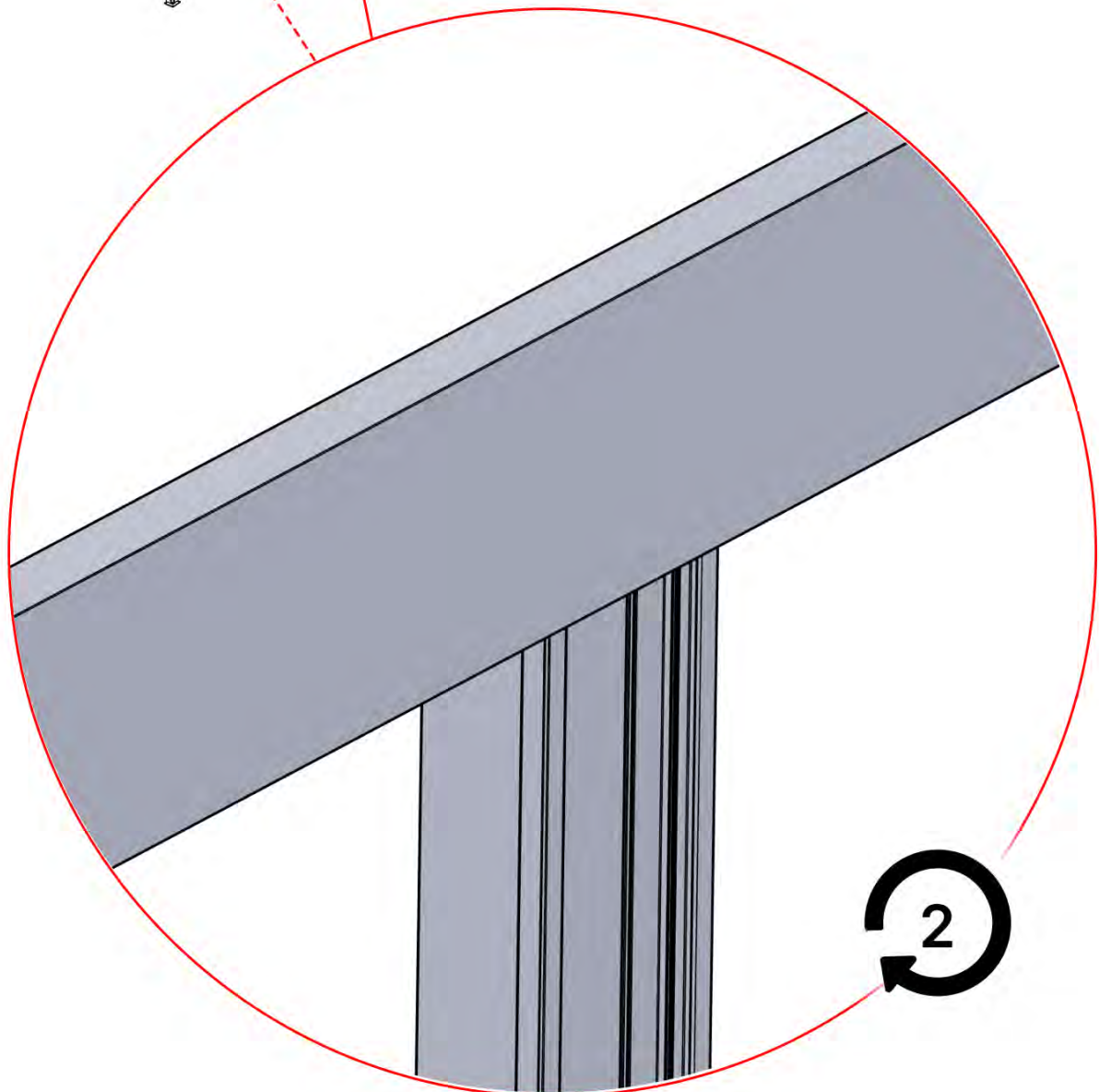
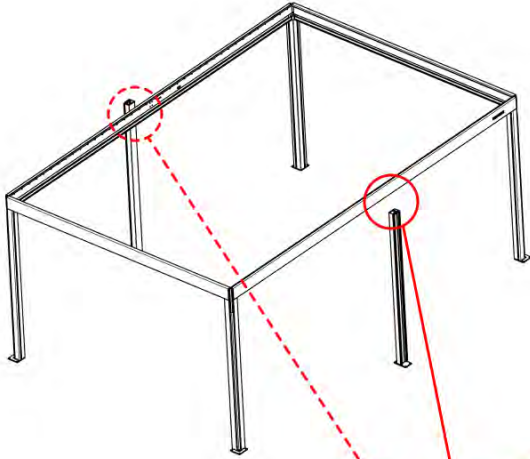
x2
PERGOLUX
PERGOLUX

5

ANTHRACITE: C123
WHITE: C125
BLACK: C124

PN-200002782

2x

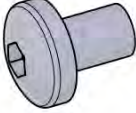


13

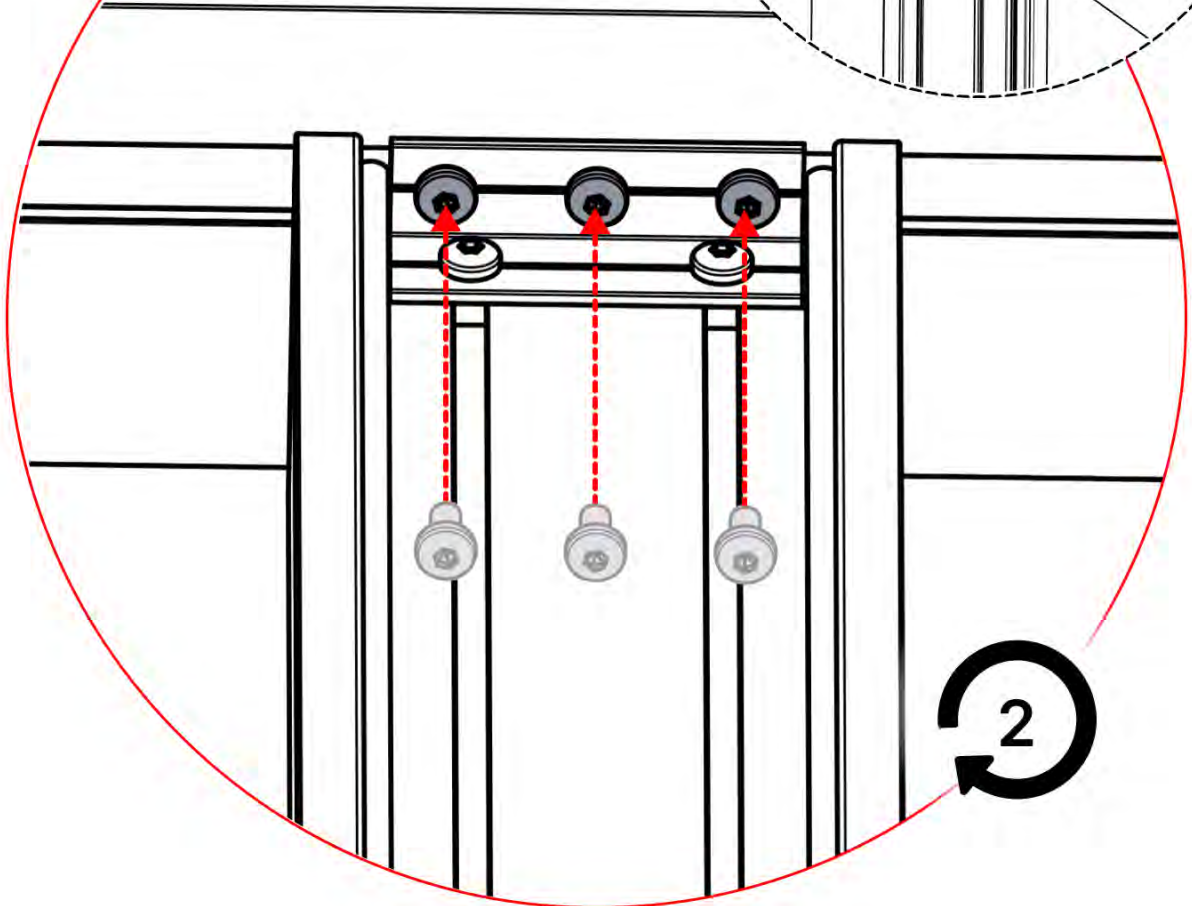
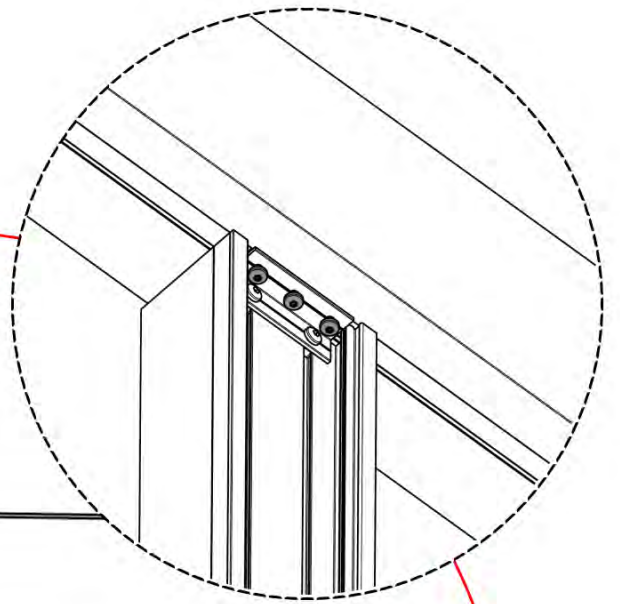
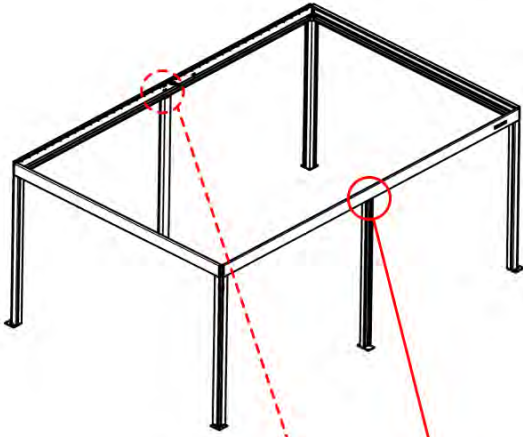
x2
PERGOLUX
PERGOLUX

5

ANTHRACITE: C123
WHITE: C125
BLACK: C124



PN-200003603
2x




14

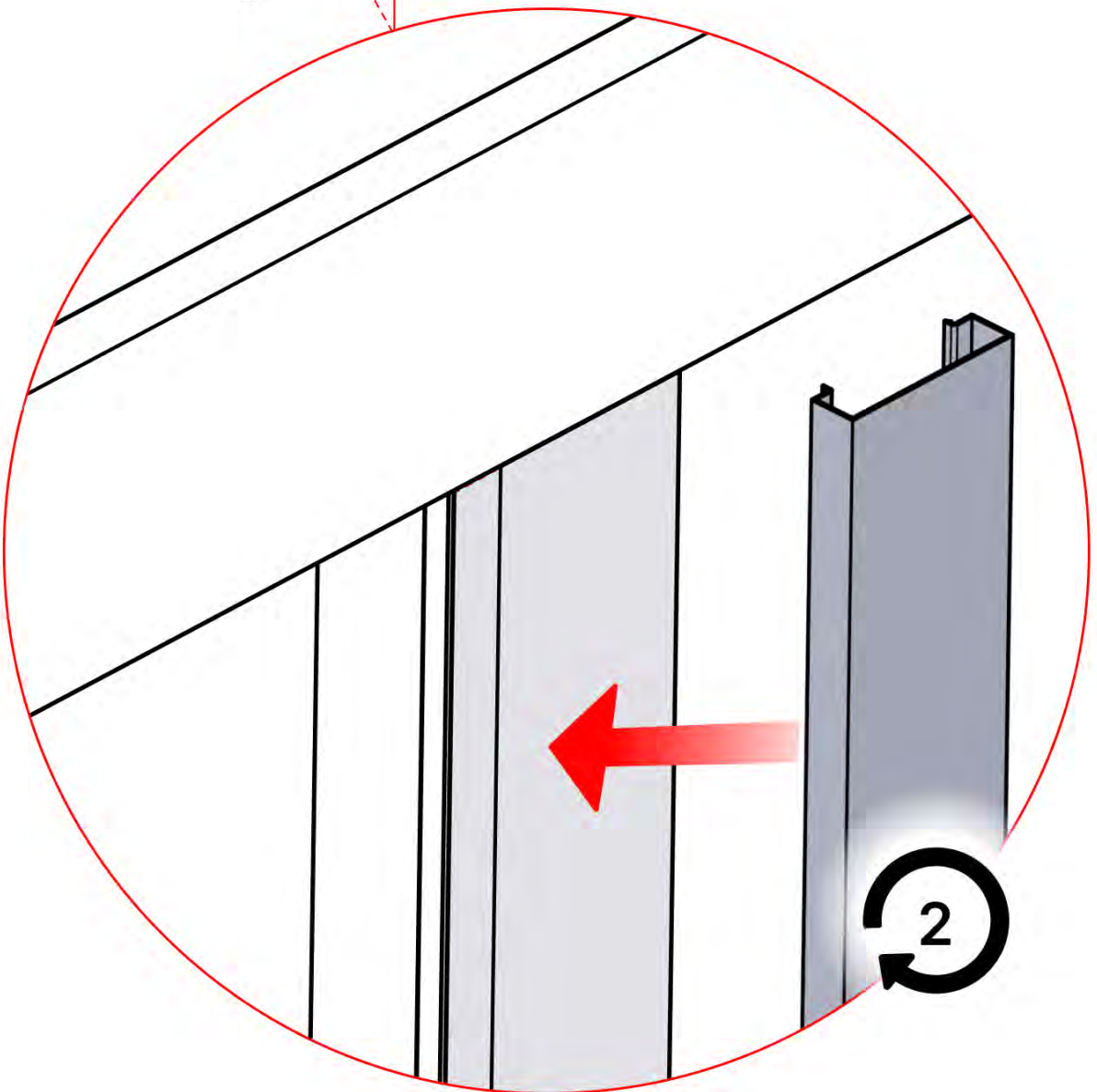
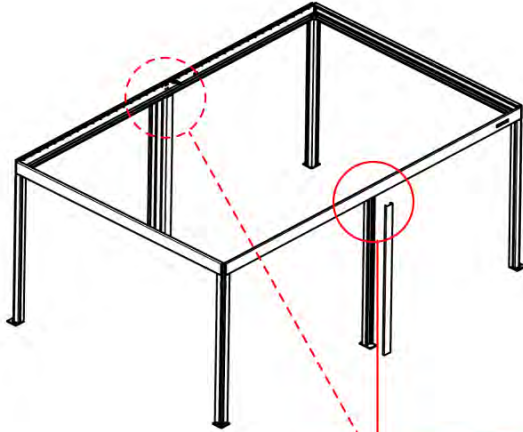
x2
PERGOLUX
PERGOLUX

5

ANTHRACITE: C123
WHITE: C125
BLACK: C124



PN-200002783
2x




15

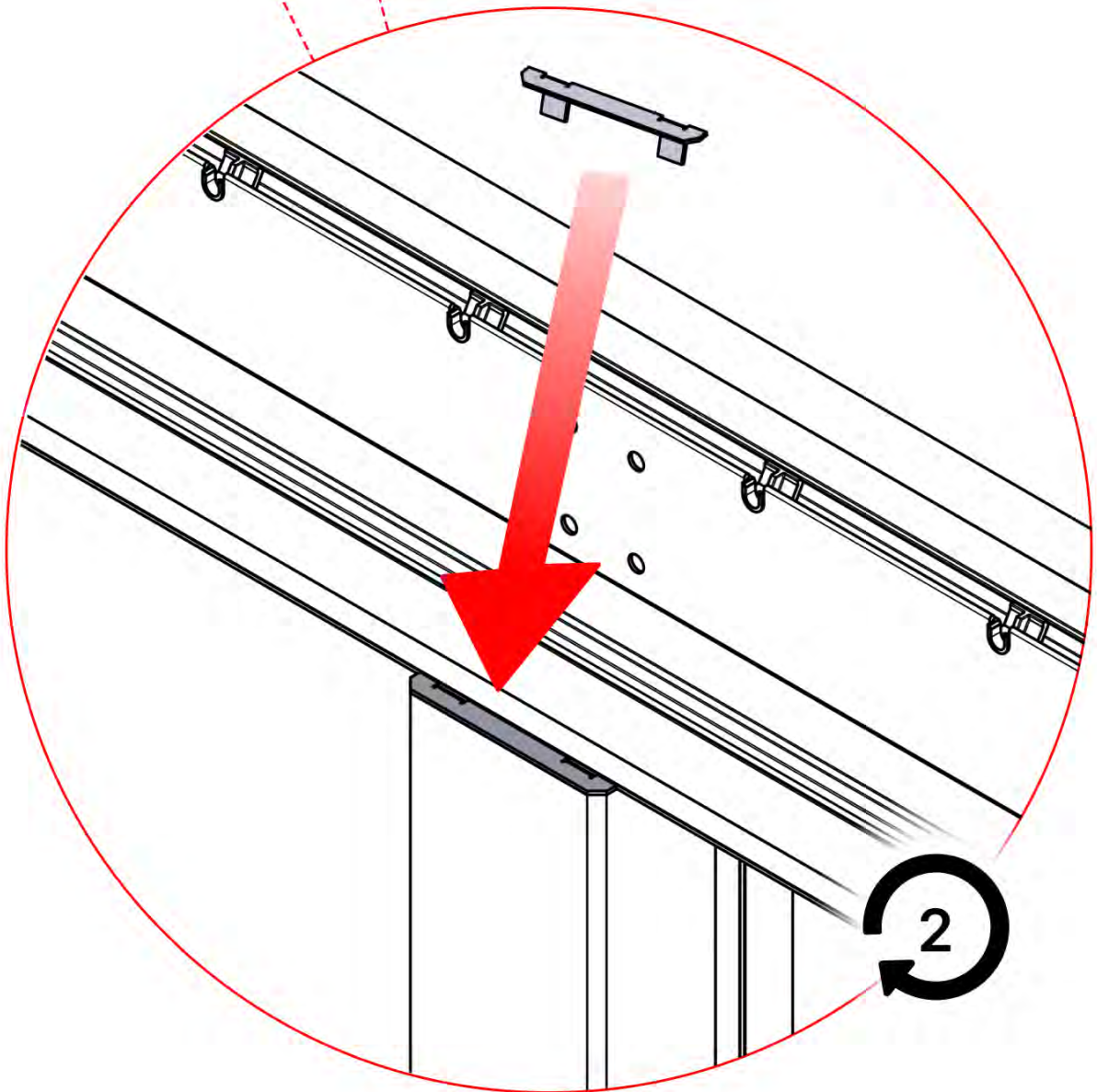
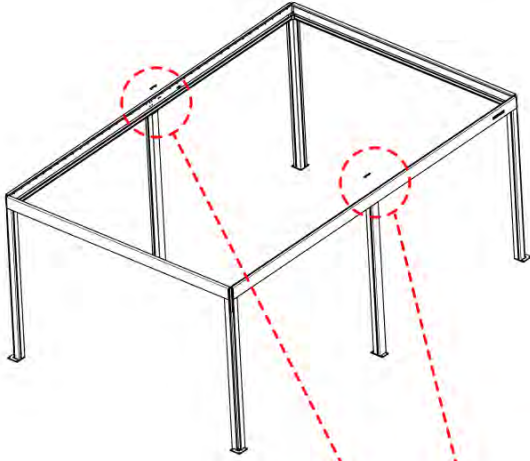
x1
PERGOLUX

3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



PN-200003384
2X



16

4



x1
PERGOLUX

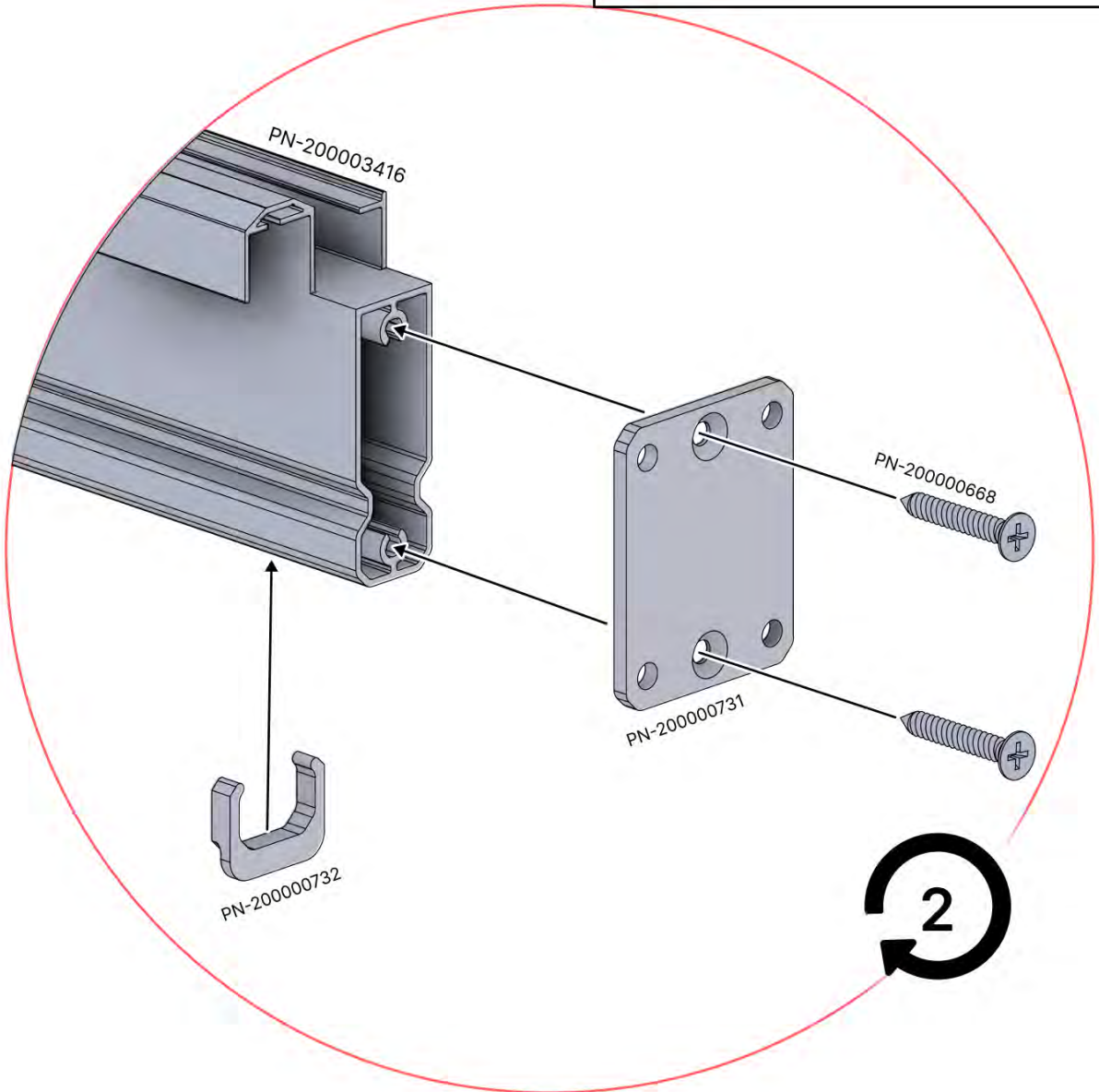
ANTHRACITE: B220
WHITE: B224
BLACK: B222

3

x1
PERGOLUX

ANTHRACITE: B189
WHITE: B281
BLACK: B282

	PN-200003413 1X
	PN-20000731 2X
	PN-20000732 2X
	PN-20000668 4X

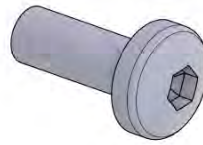


17

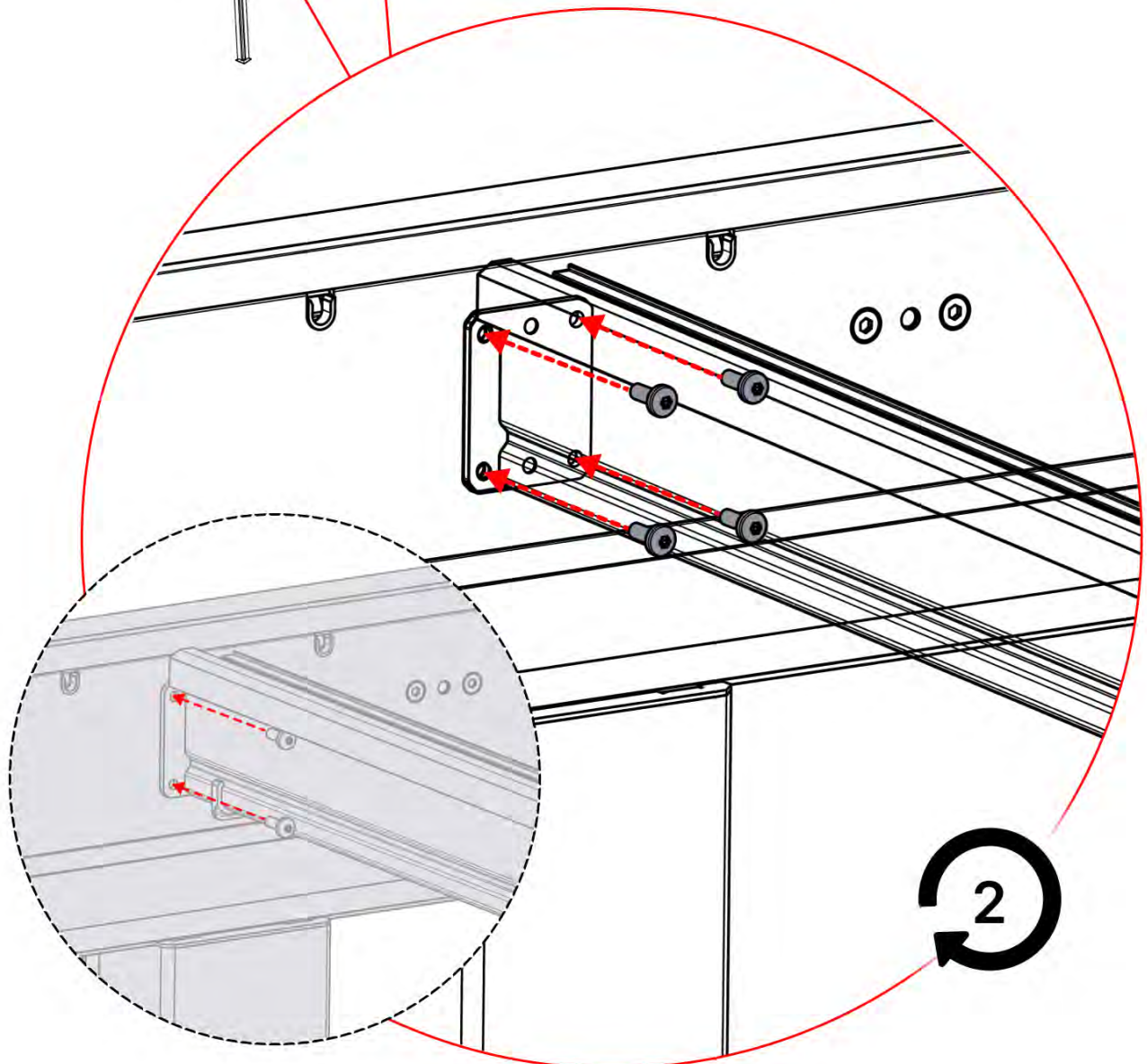
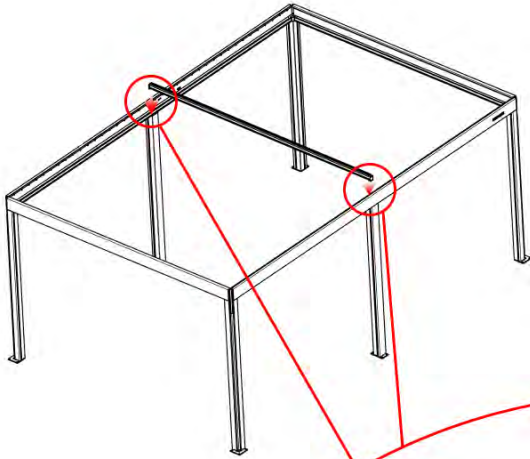


3

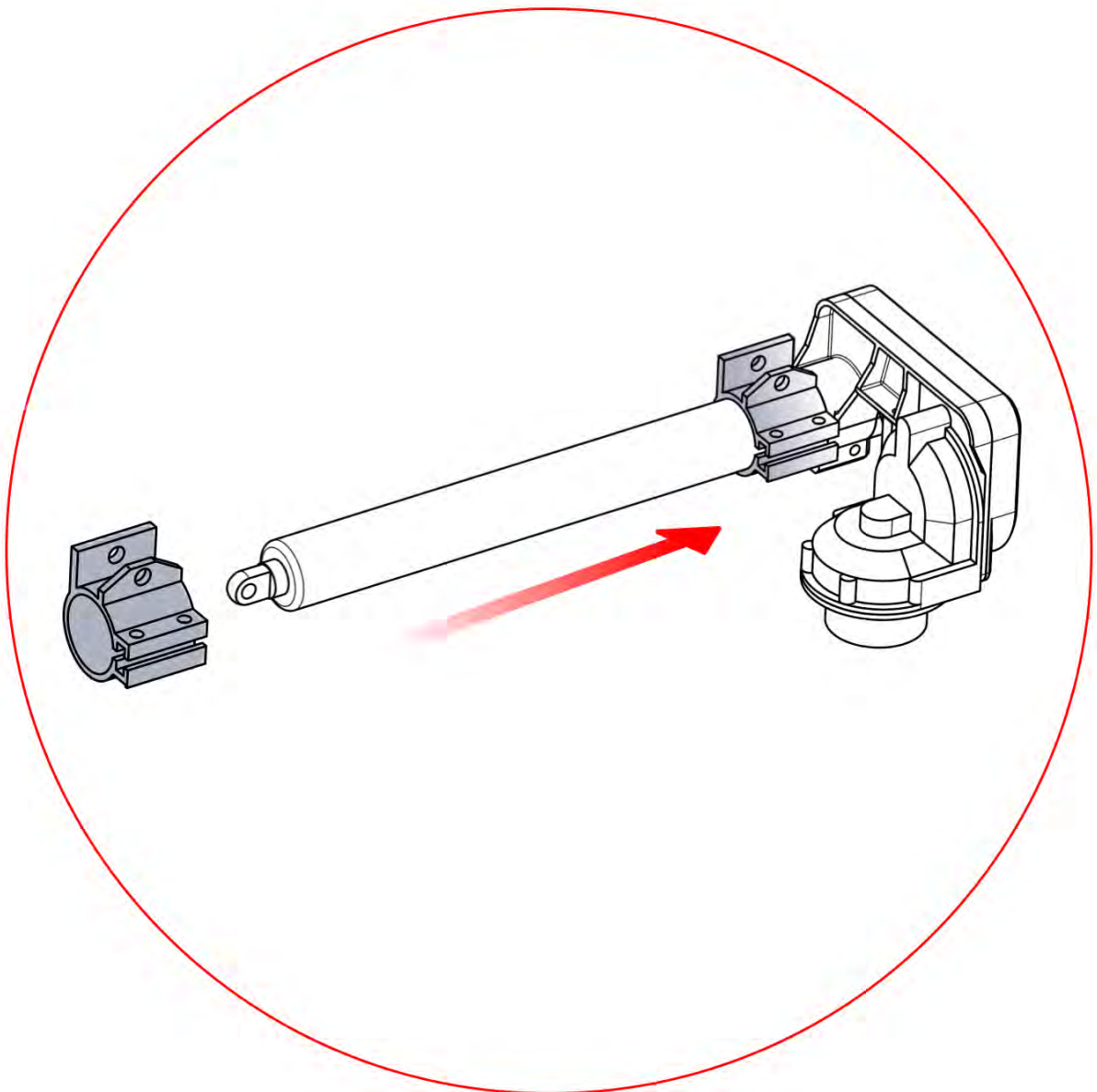
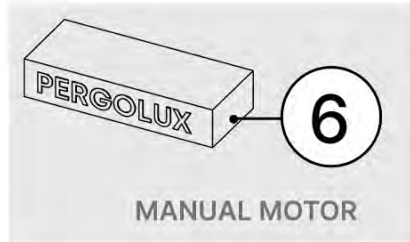
ANTHRACITE: B189
WHITE: B281
BLACK: B282



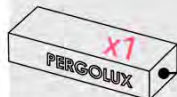
PN-200000415
8x



18



19

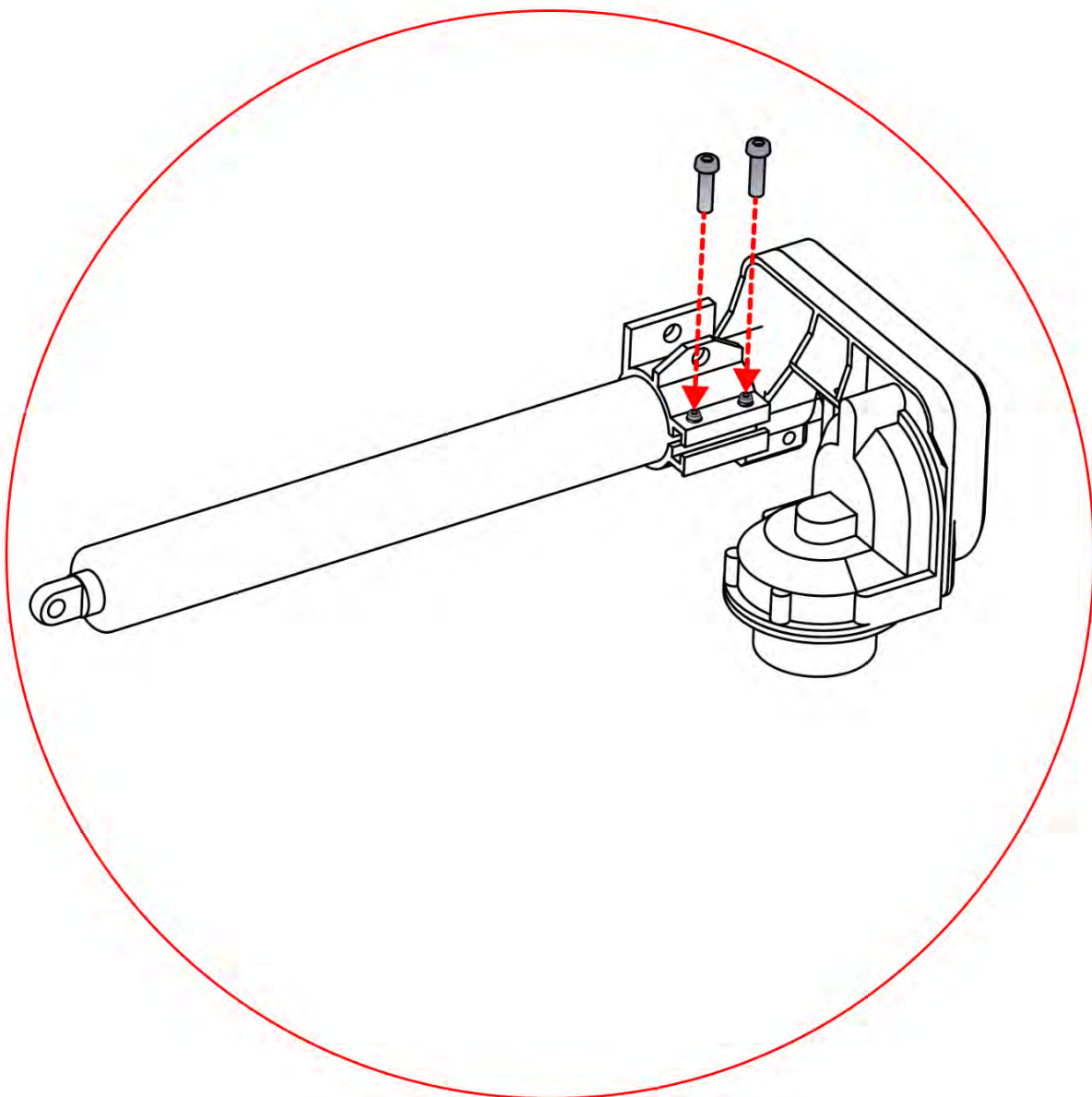


3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



PN-200001625
2x

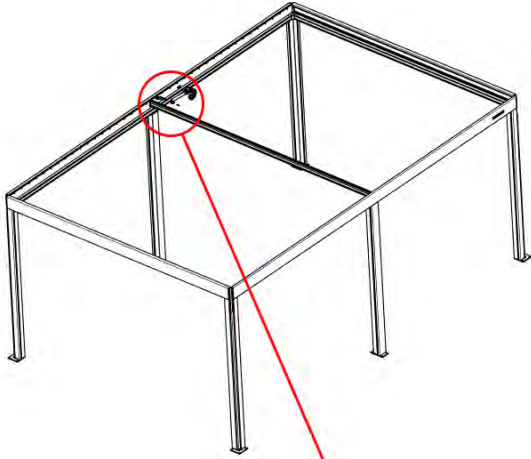


20

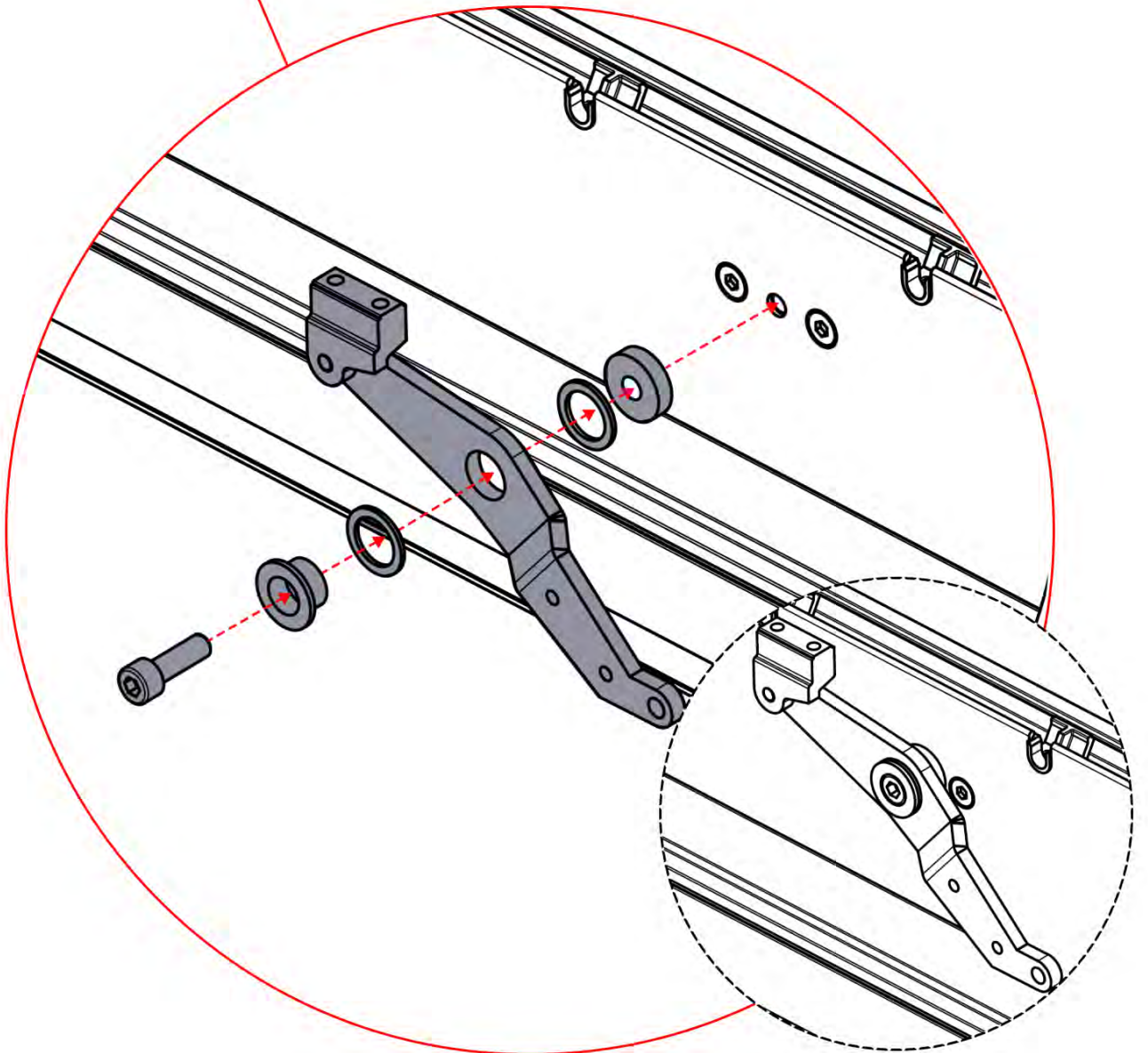
PERGOLUX **x7**

3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



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



21

3

PERGOLUX **x7**

ANTHRACITE: B189
WHITE: B281
BLACK: B282

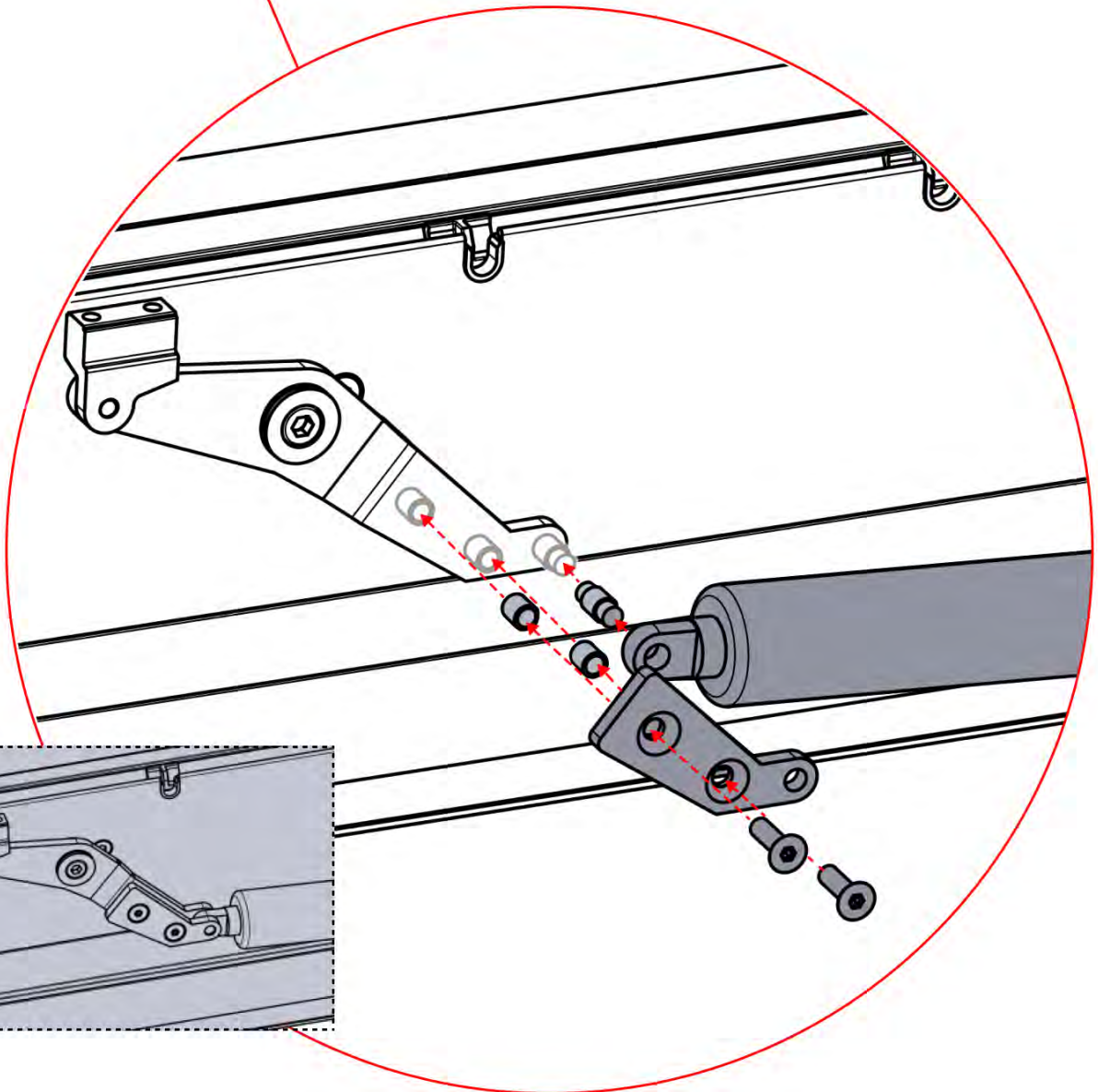
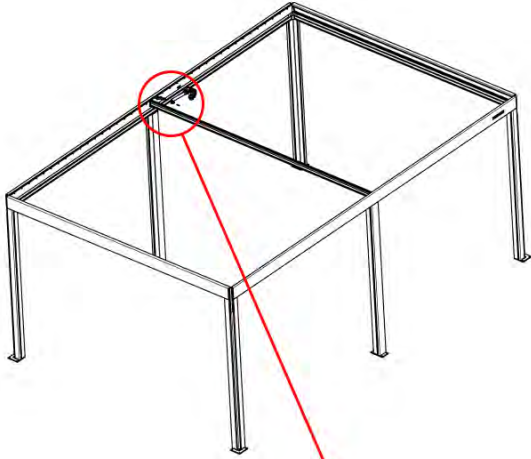


PN-200003367
1x

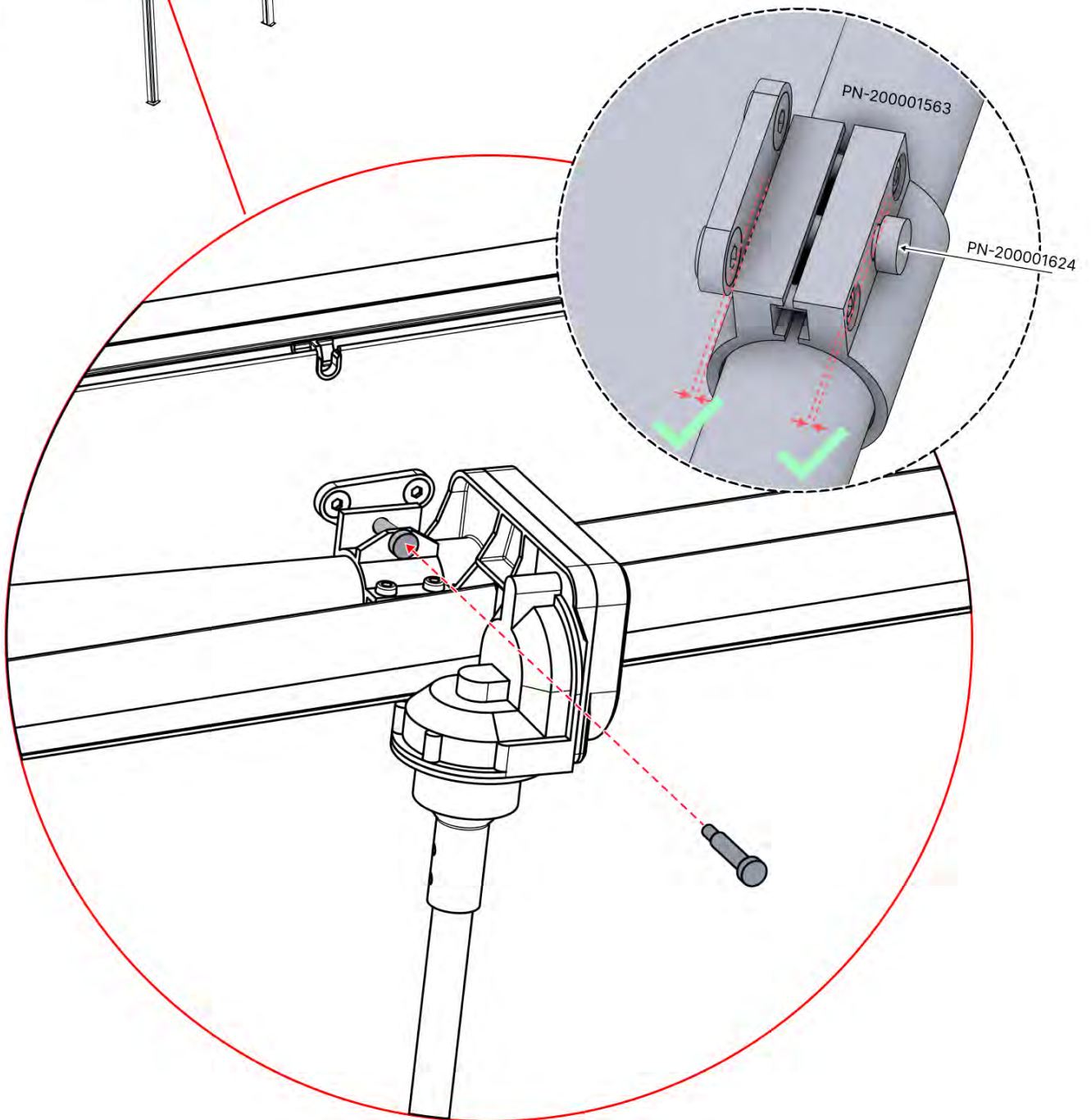
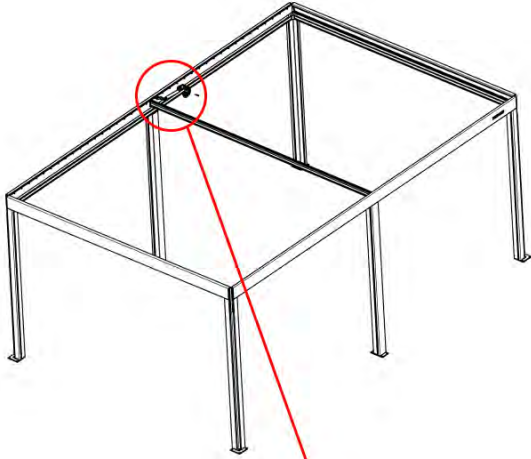
PN-200000853
2x

PN-200003370
1x

PN-200003368
2x



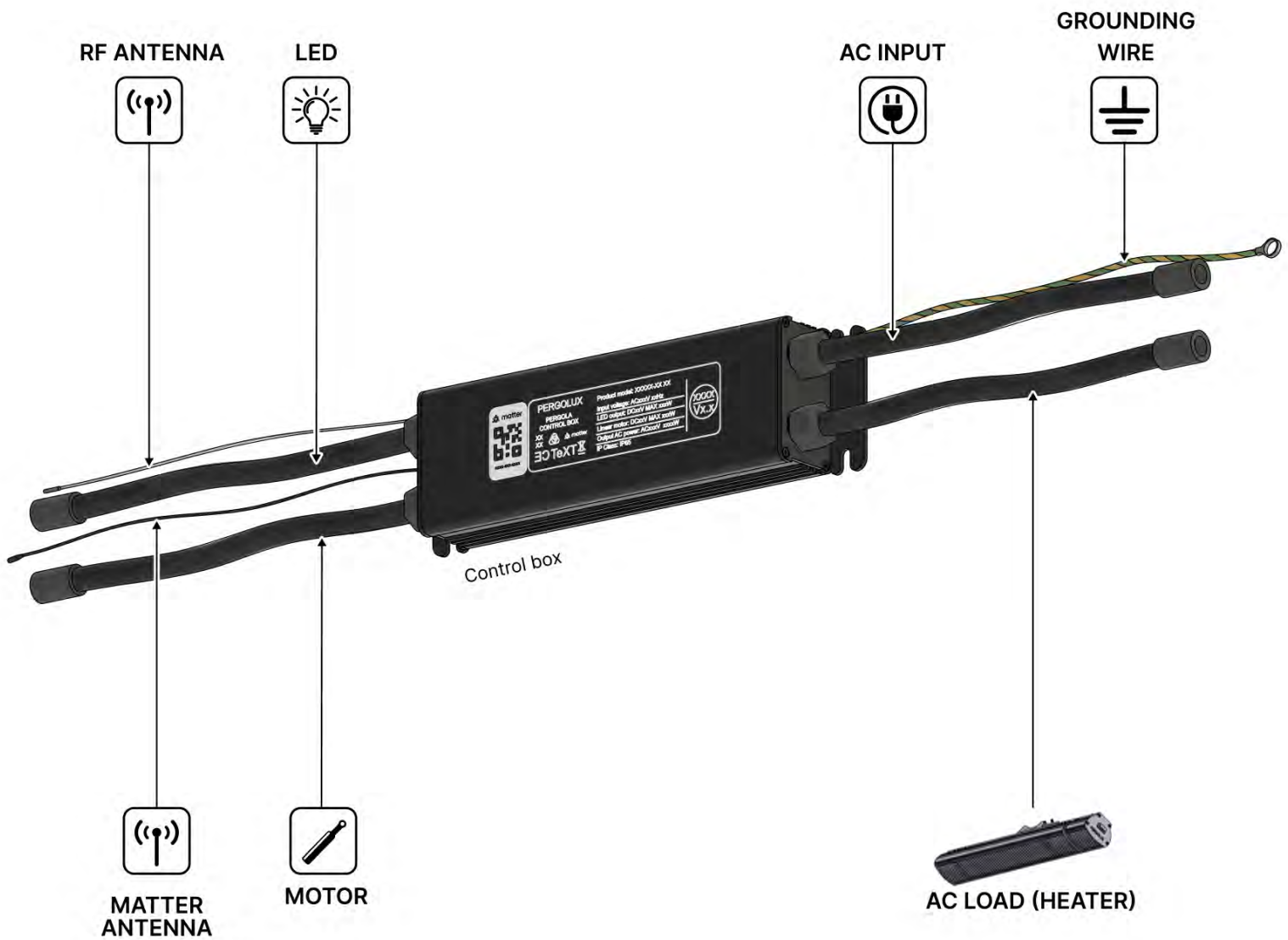
22



INPUTS AND OUTPUTS



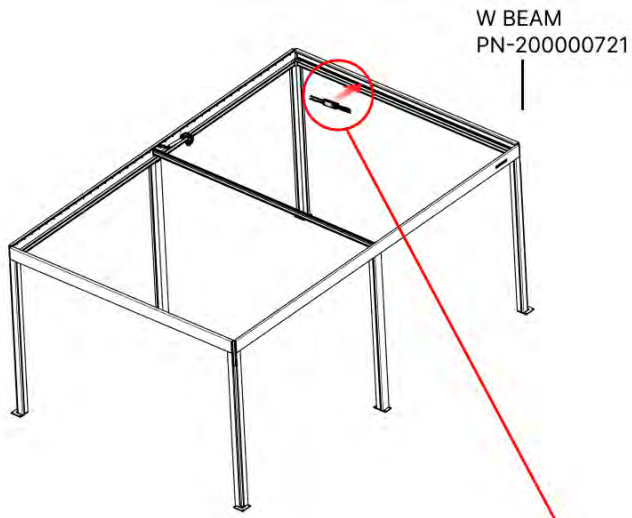
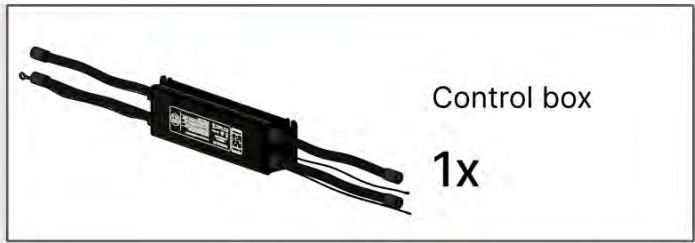
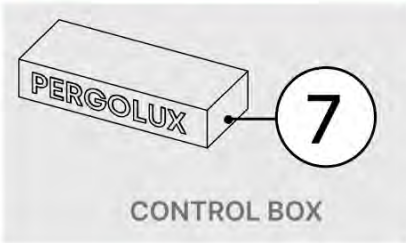
** Only if you ordered LED lights to your pergola.





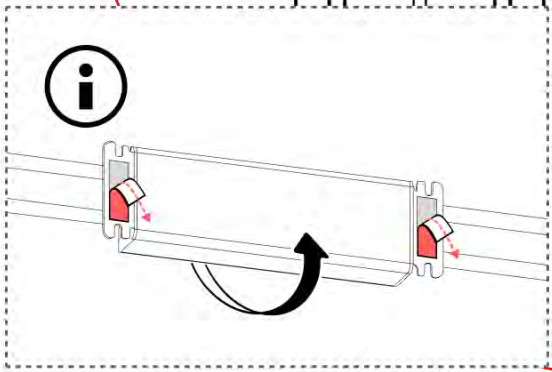
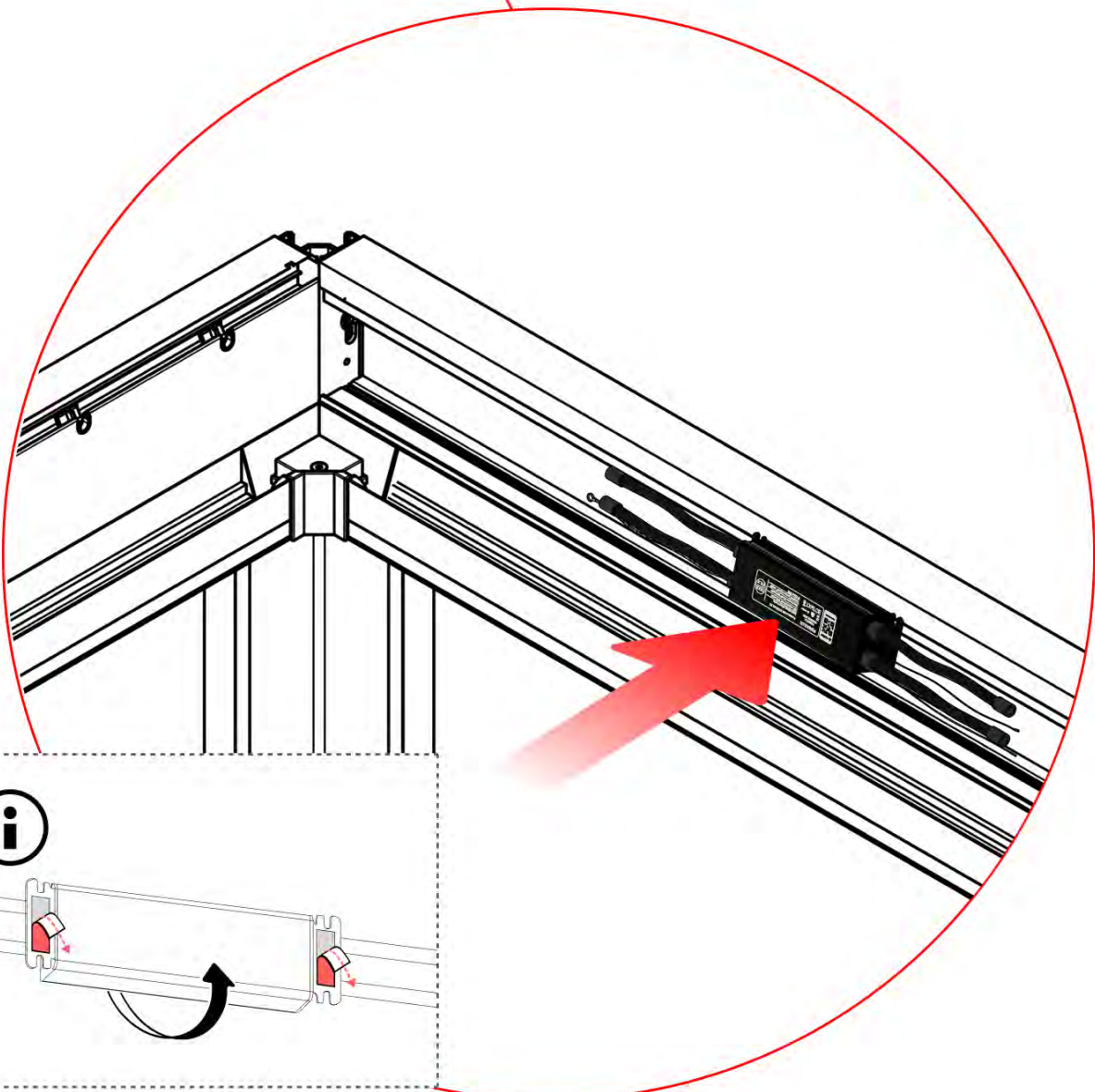
** Only if you ordered LED lights to your pergola.

23





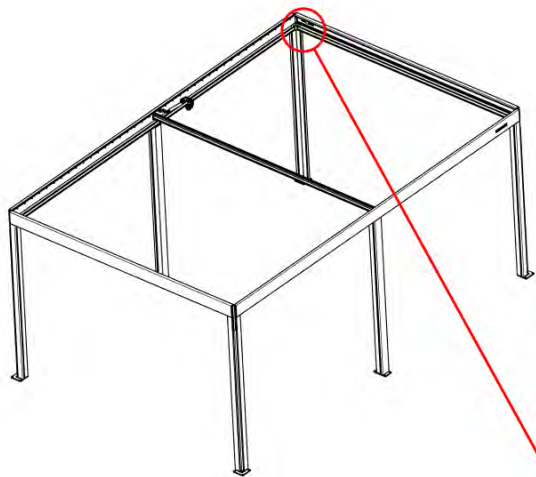
Control Box can be installed on Preferred W BEAM





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

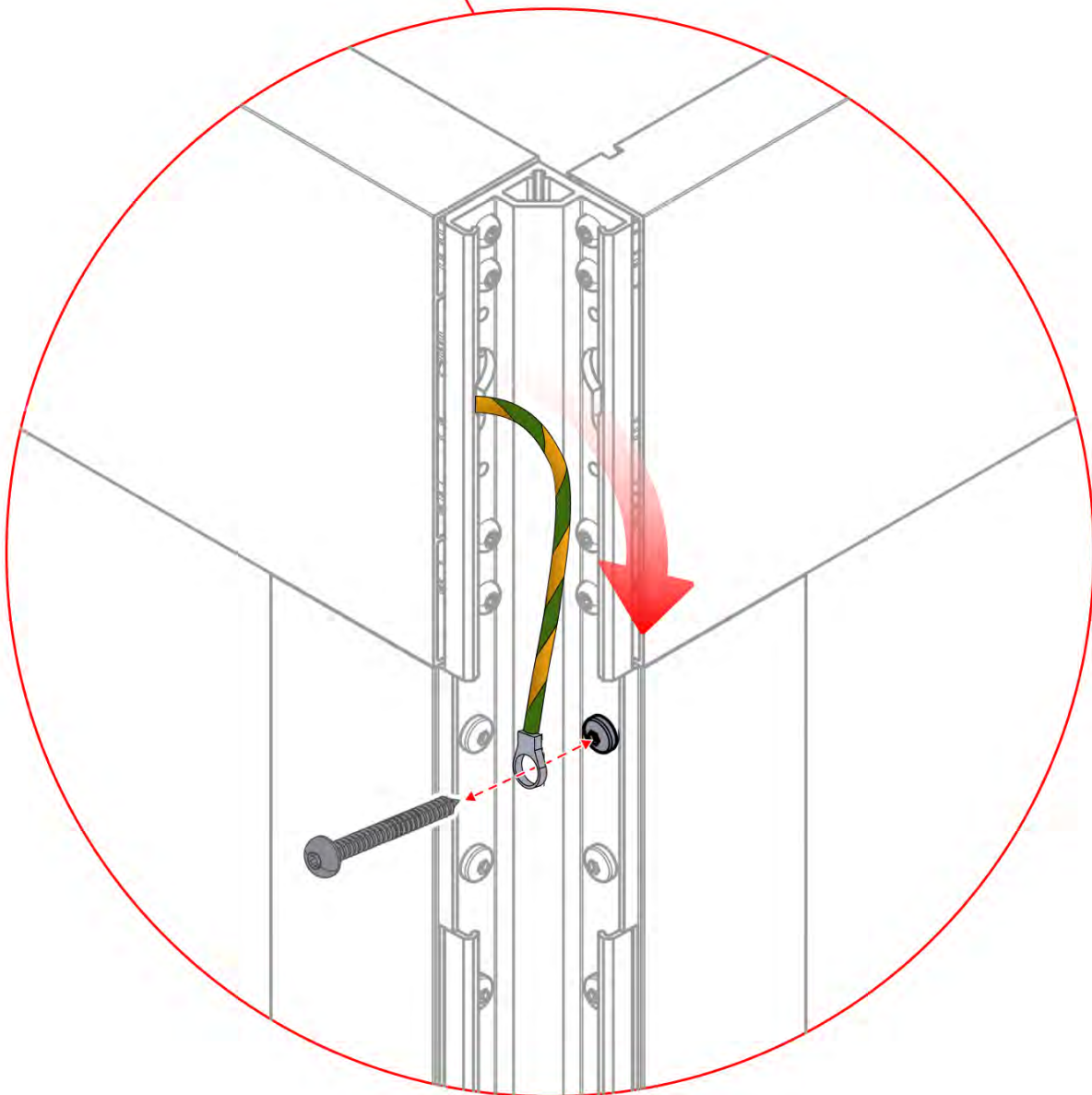
24



Connect grounding wire before connecting to power!



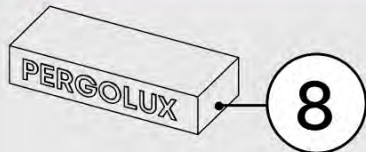
GROUNDING





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

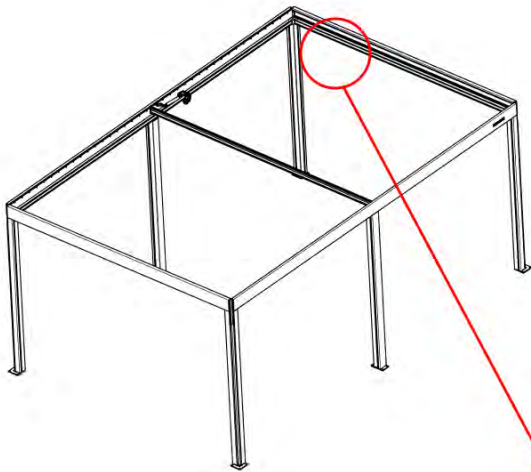
25



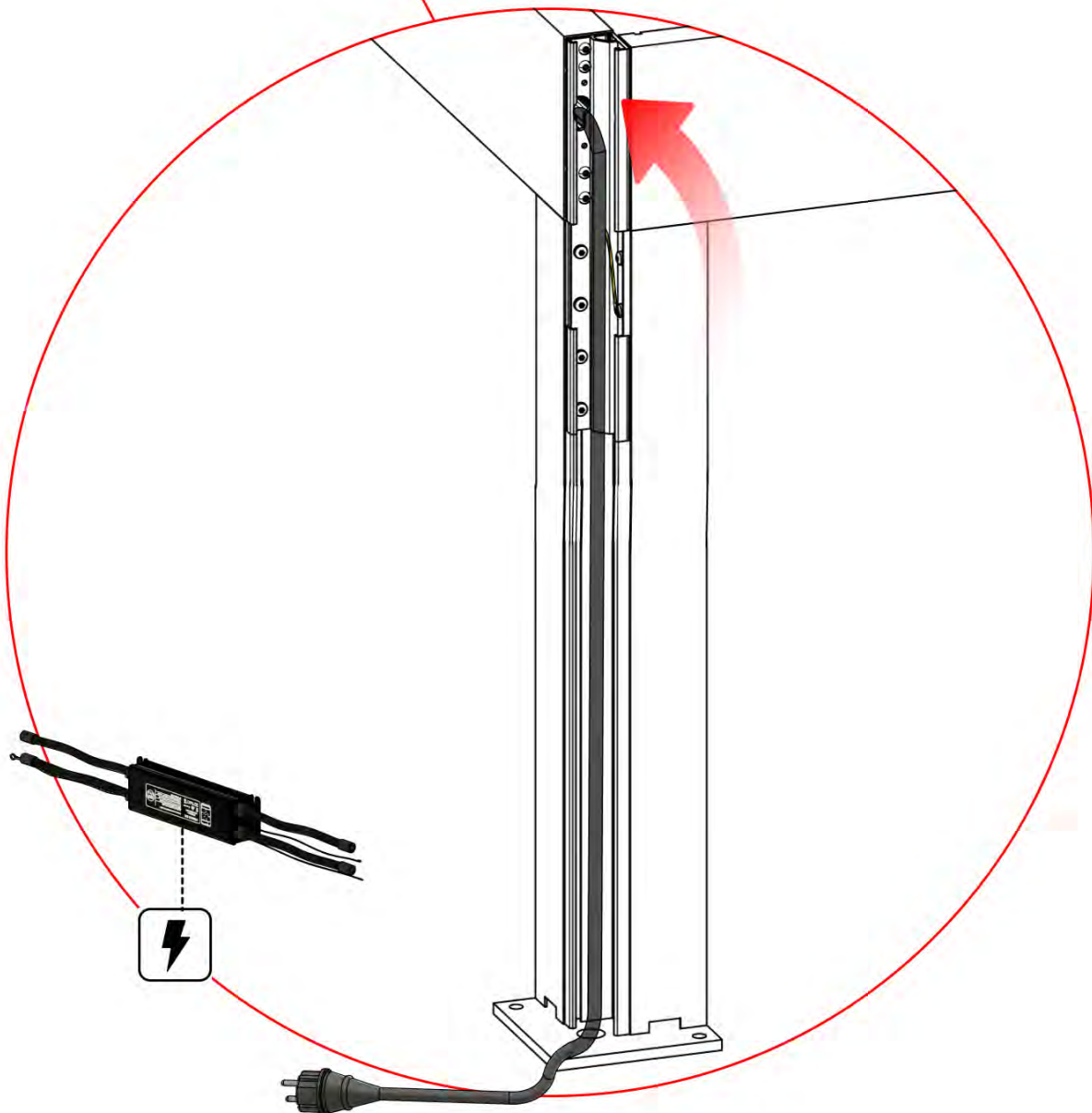
POWER CABLE



Power cable
PN-200003781
1x



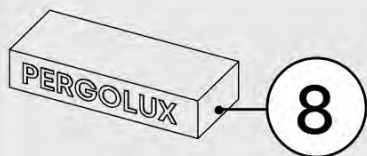
Power Cable can be
routed through all
the Poles.





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

26

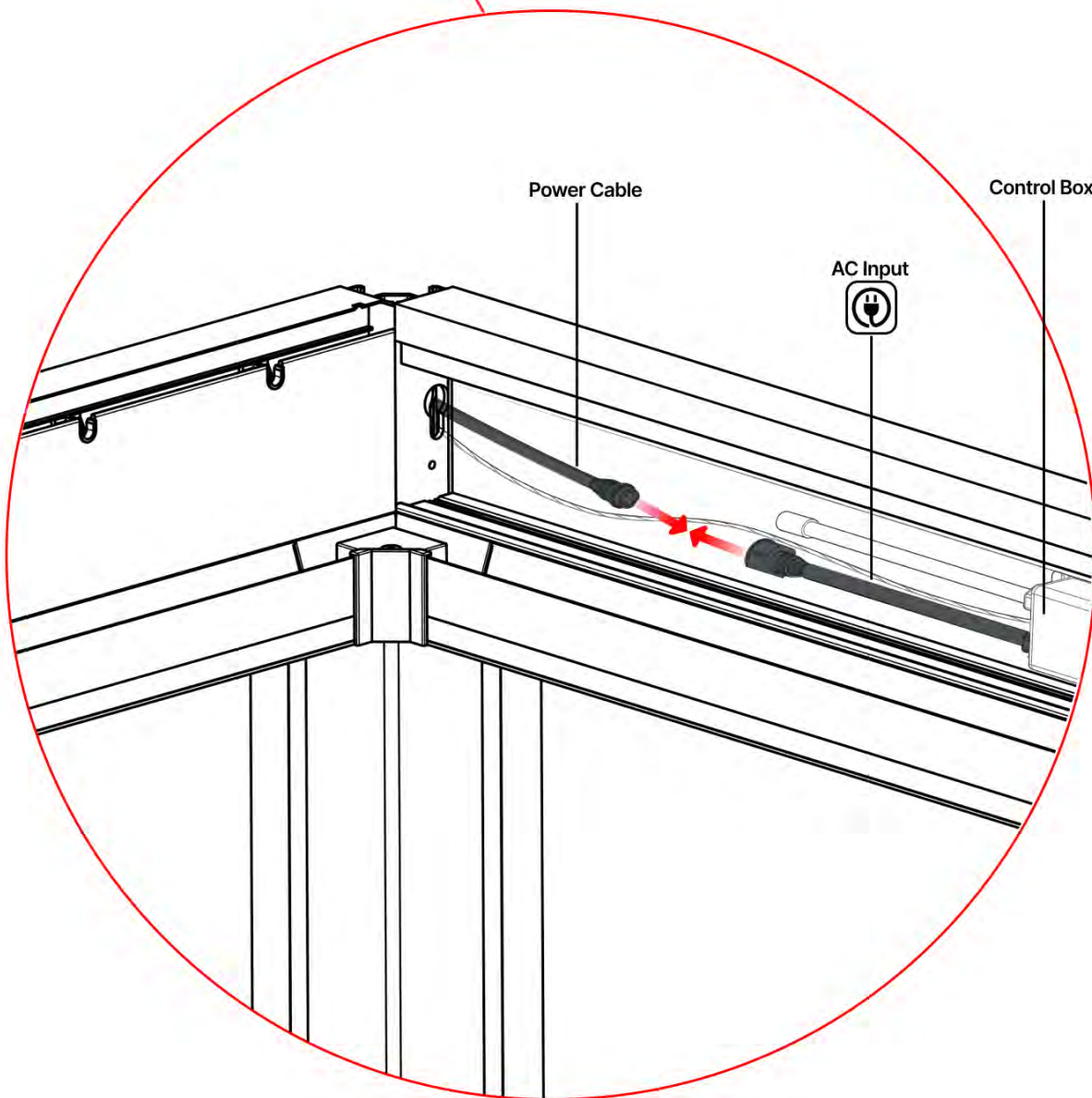
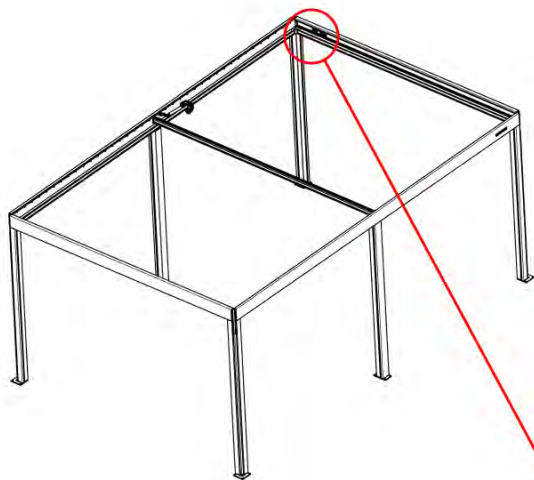


POWER CABLE



Power cable

1x





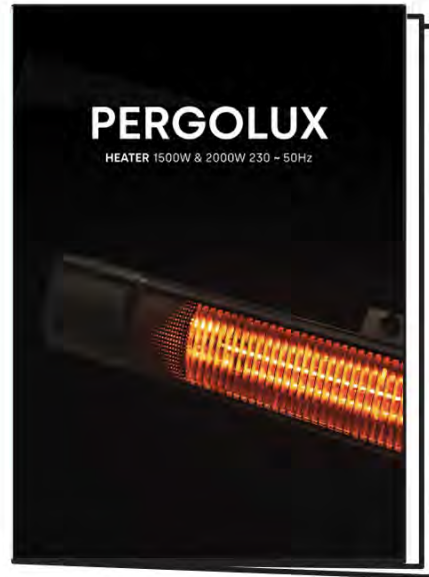
** Only if you ordered LED lights to your pergola.

27

1

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

Follow the instructions in the heater assembly manual.



2

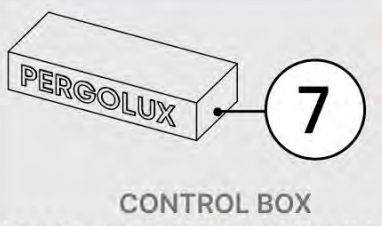
It's time to connect the motor and LED lights to the pergola control box.

Follow the instruction in the assembly manual.



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

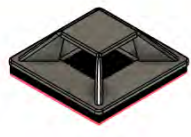
28




7
CONTROL BOX

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

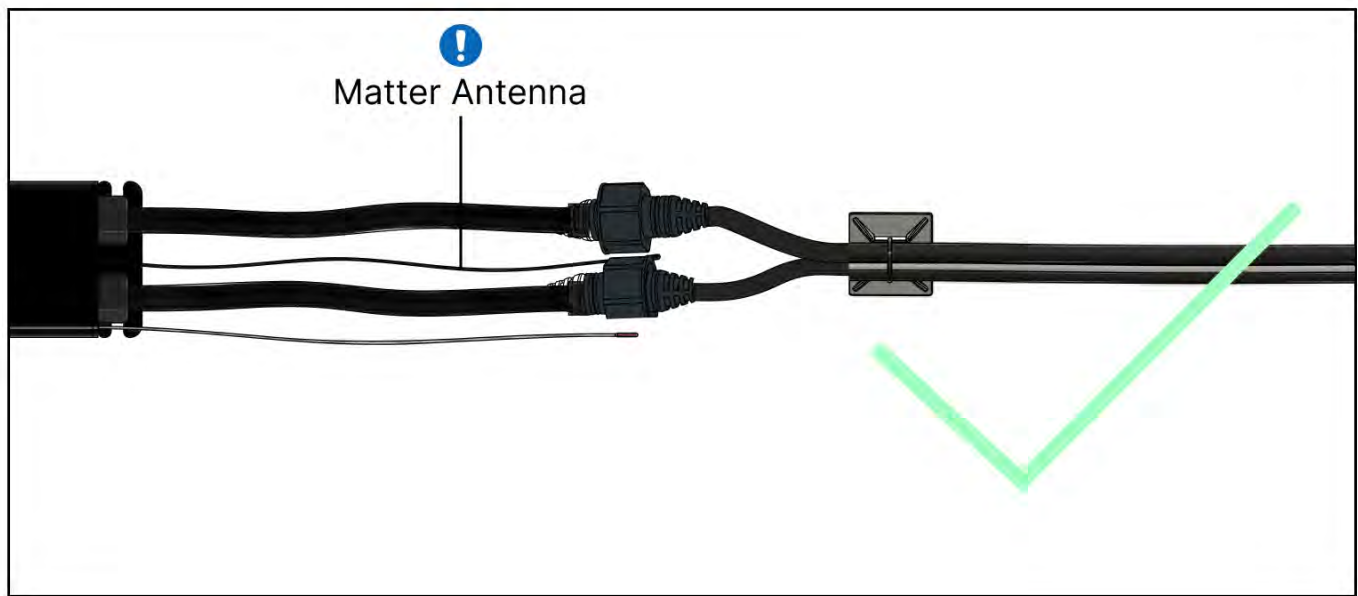
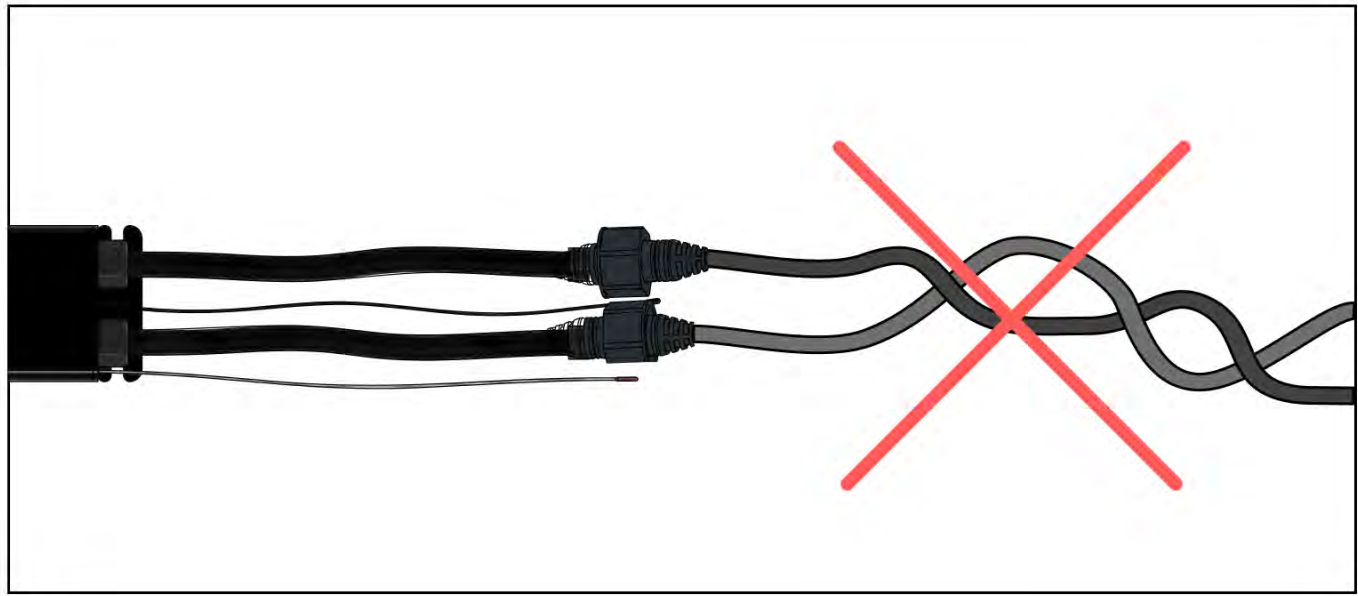
S4



PN-200002683
5x



PN-200002684
10x



29



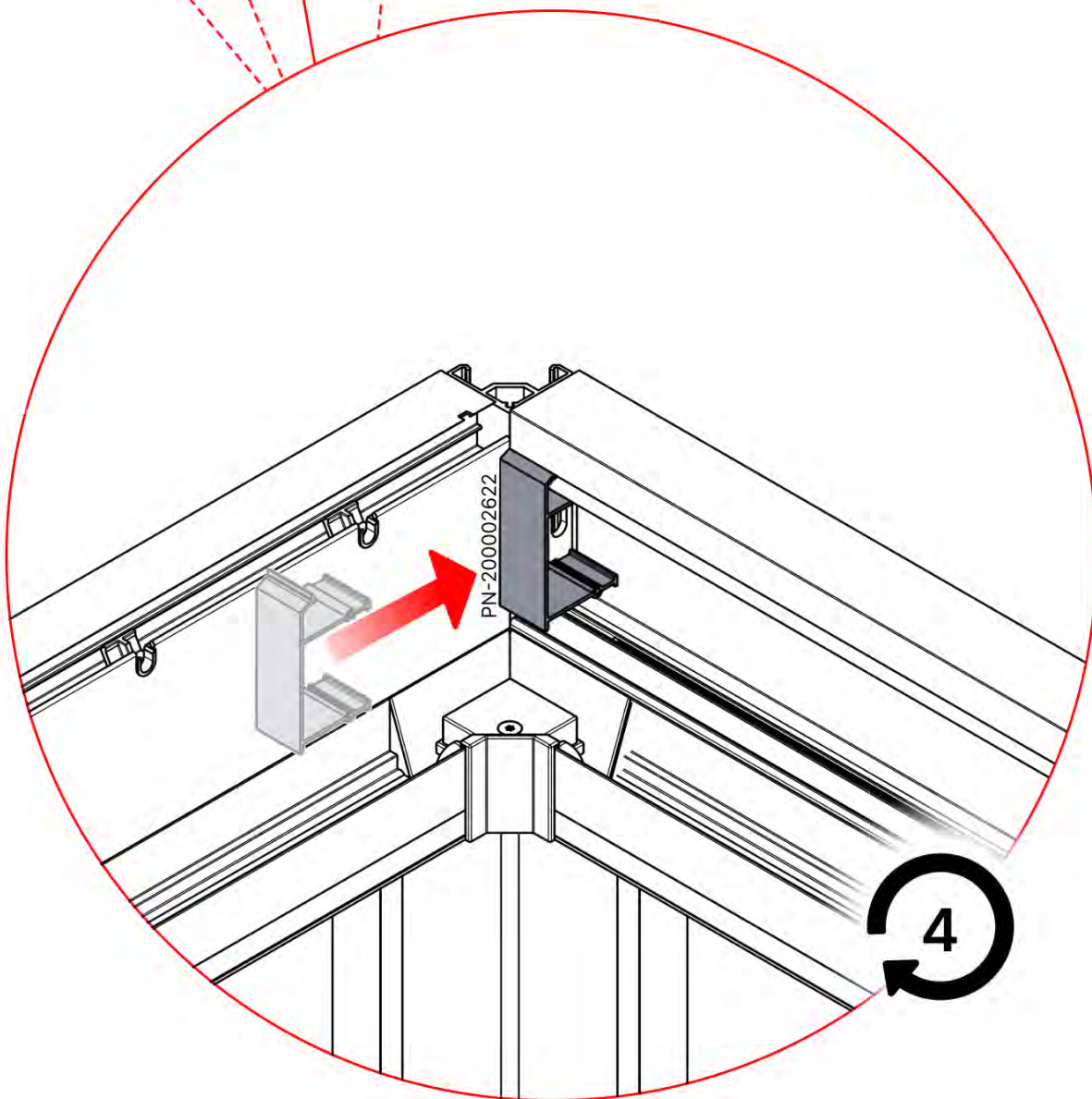
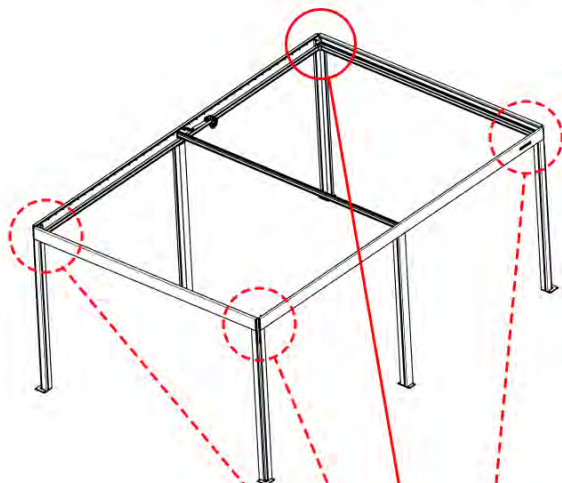
3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



PN-200002622

4x



30

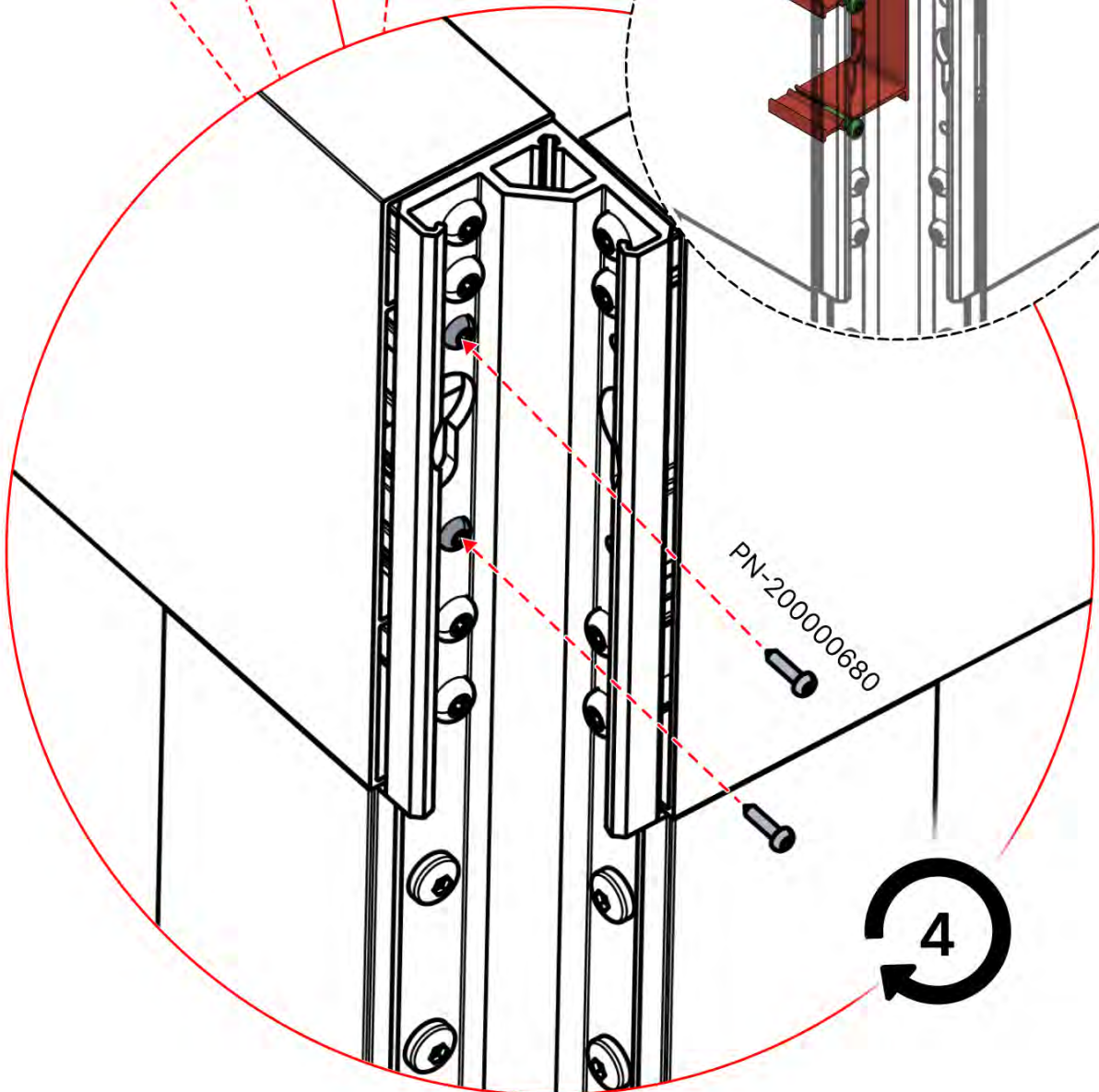
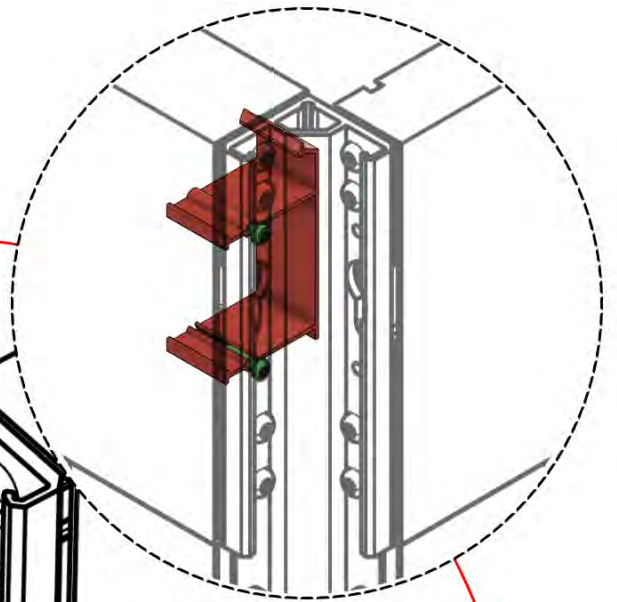
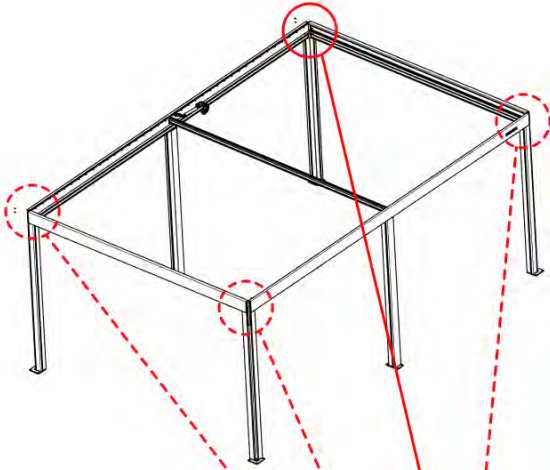


3

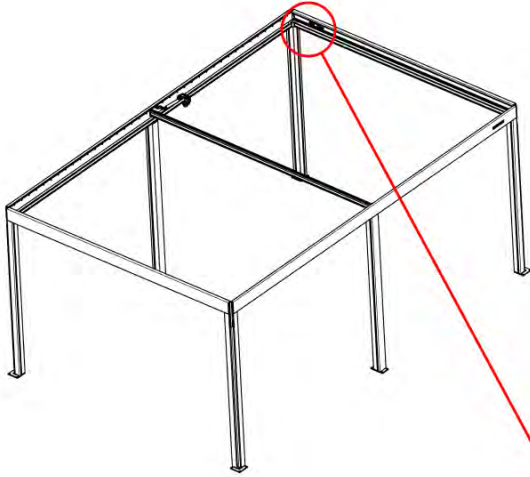
ANTHRACITE: B189
WHITE: B281
BLACK: B282




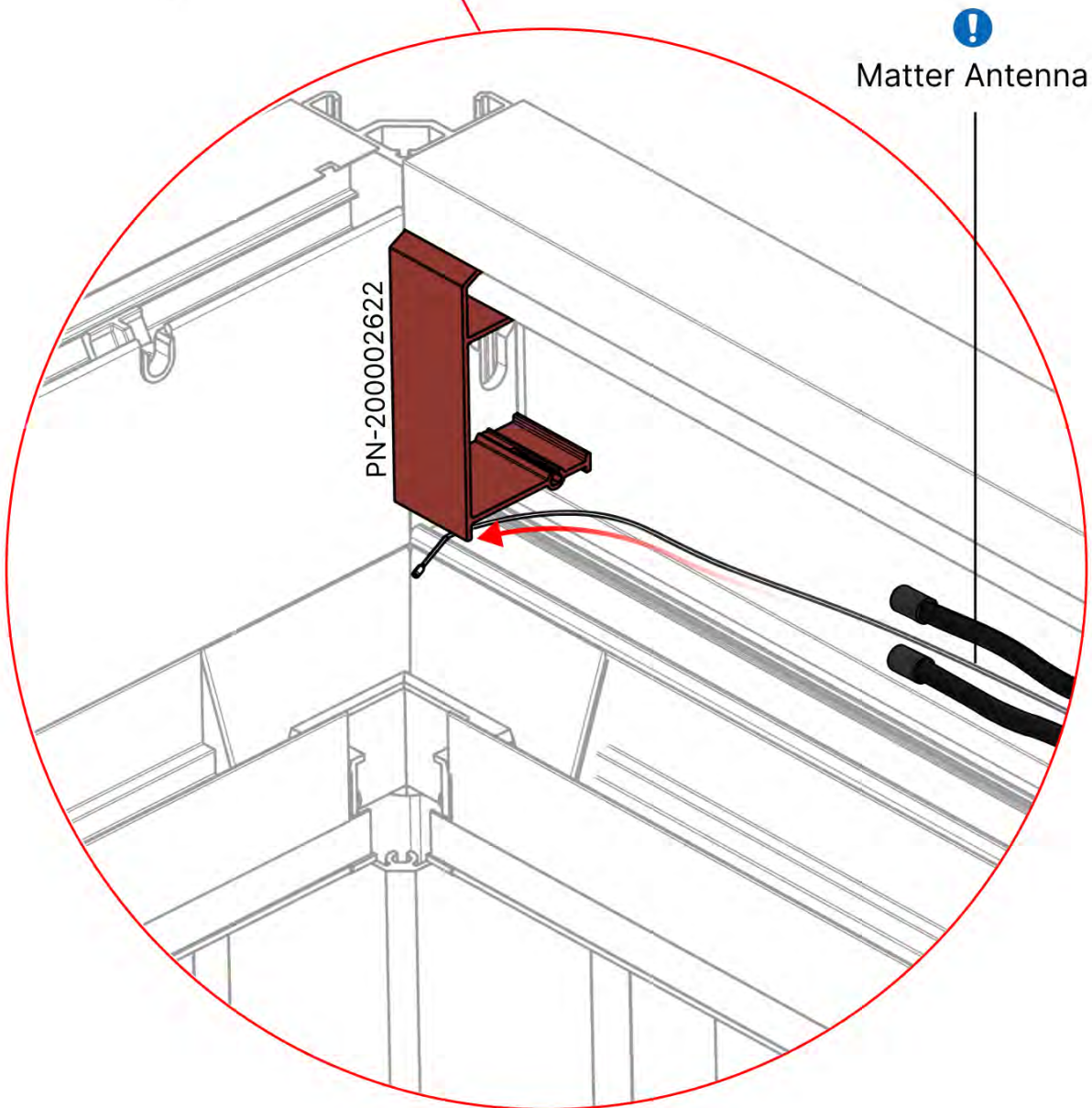
PN-200000680
8x



31




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

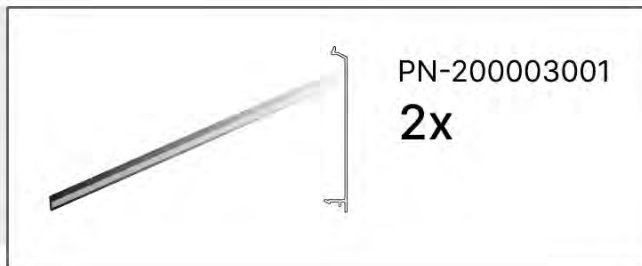


32

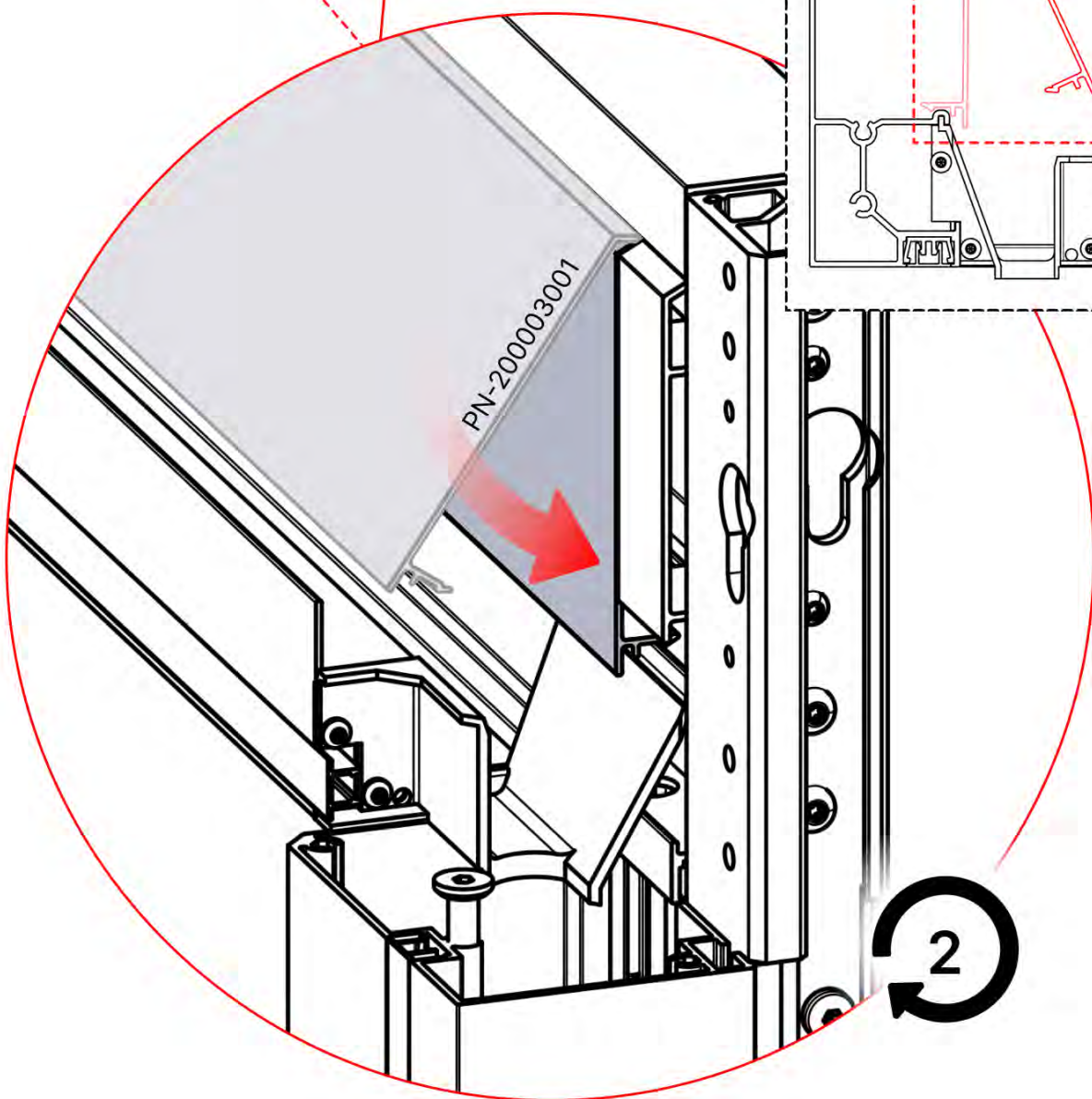
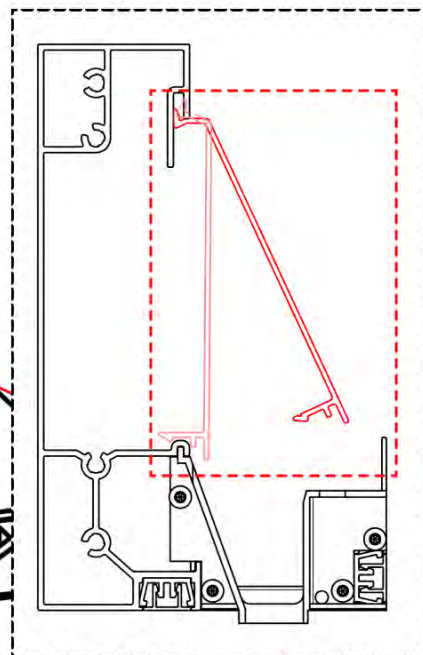
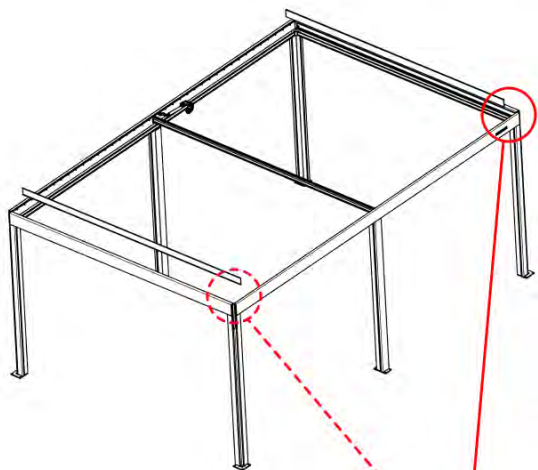


2

ANTHRACITE: B208
WHITE: B212
BLACK: B210

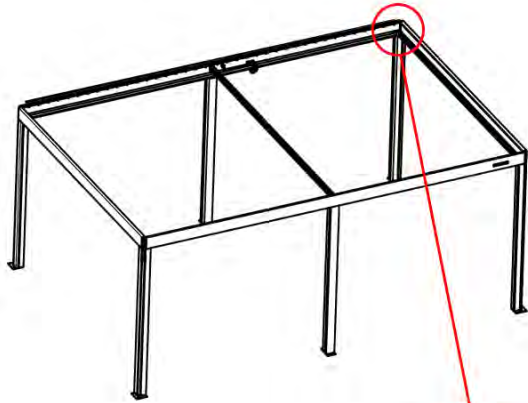


PN-200003001
2x

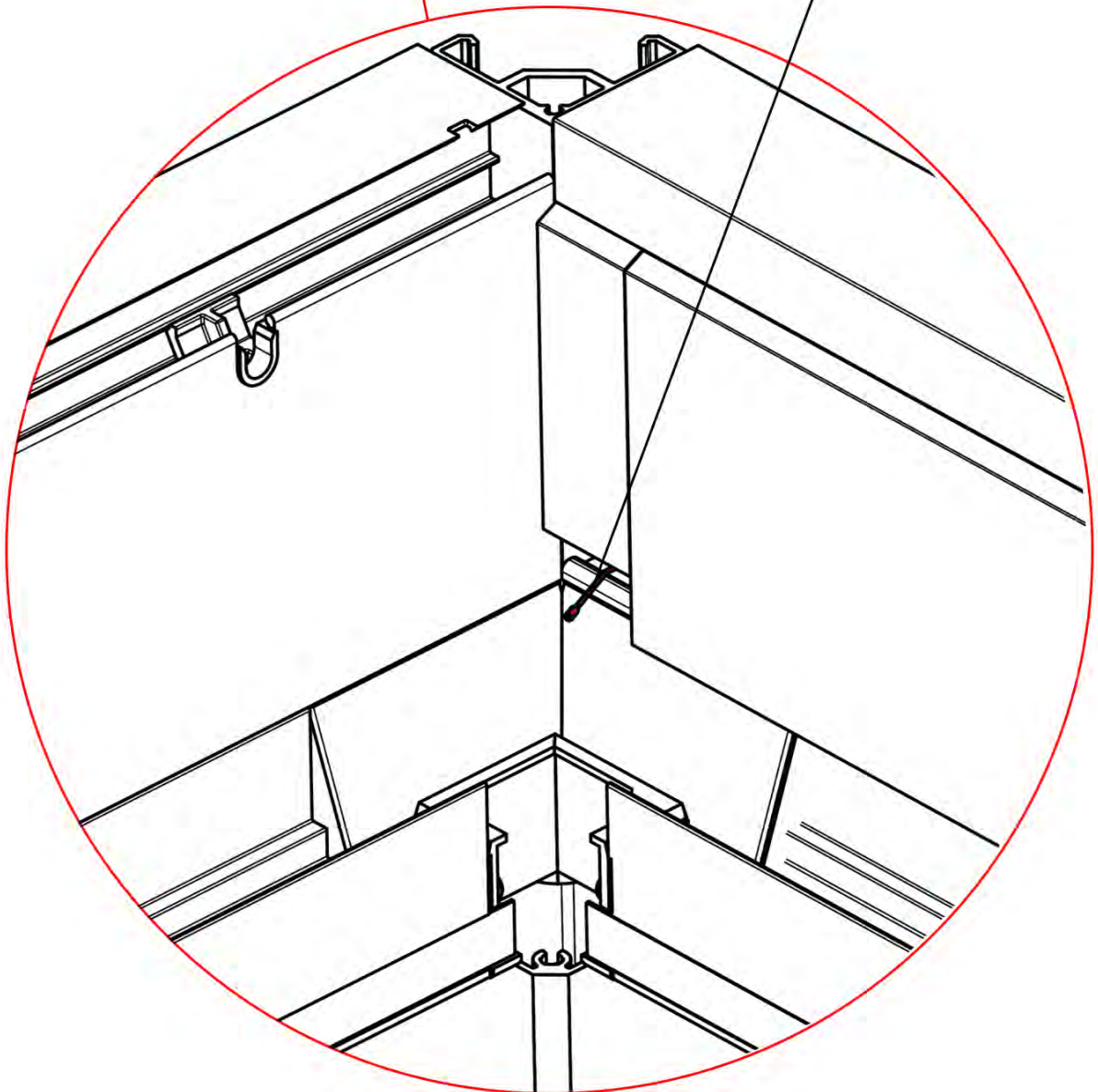


2

INFORMATION



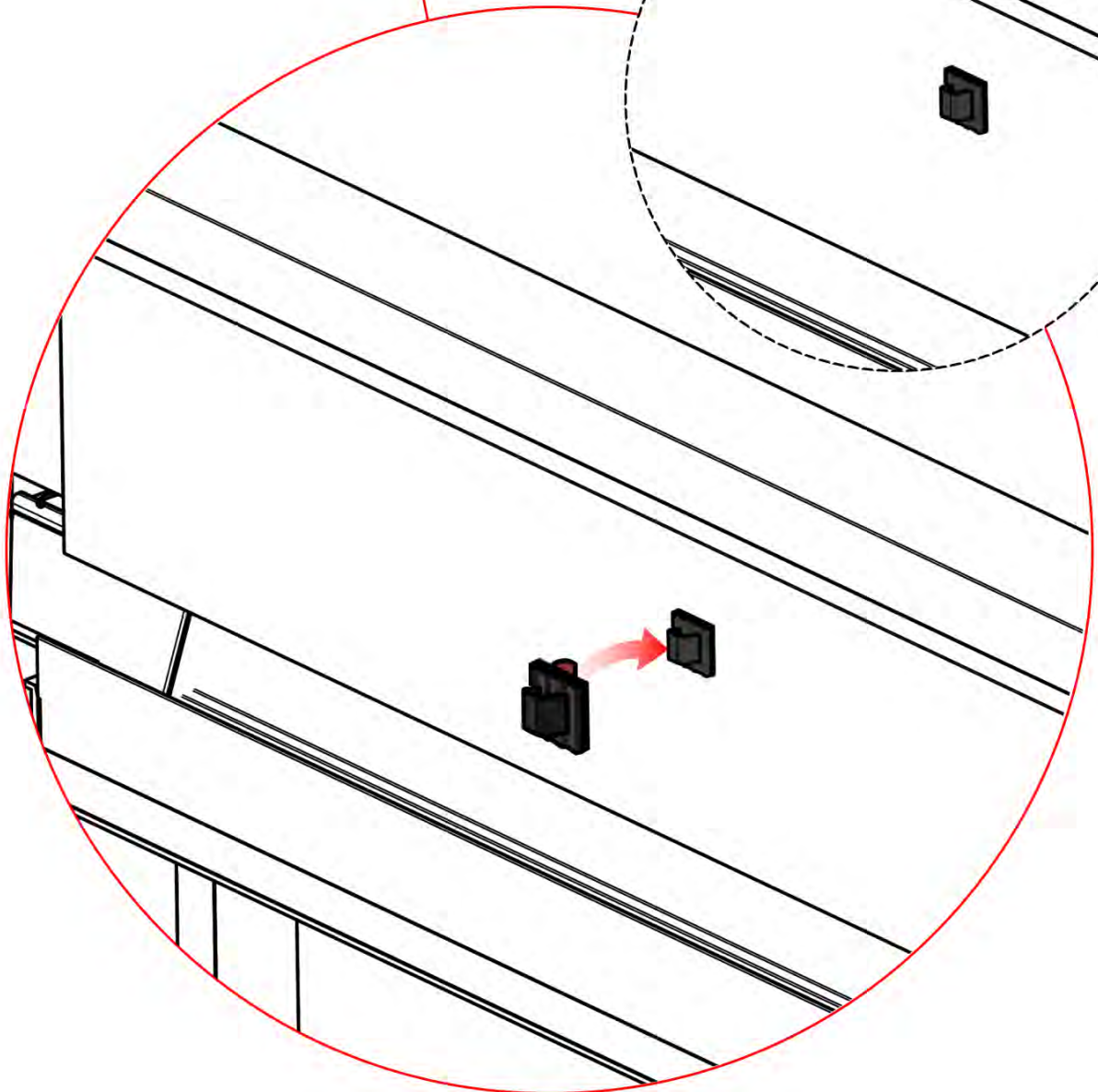
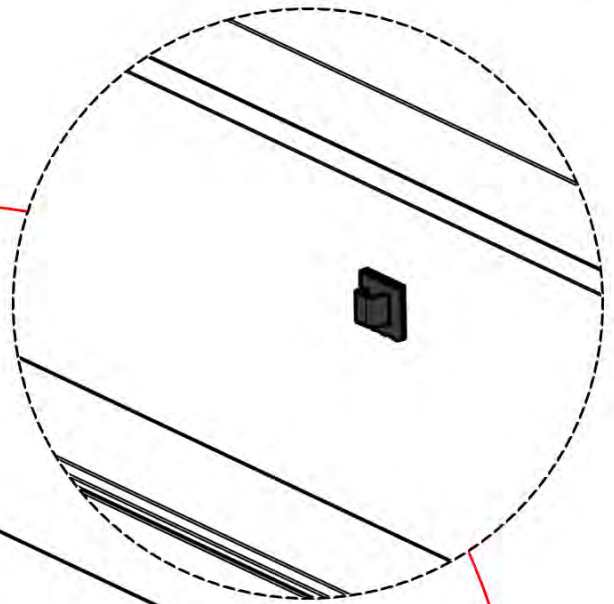
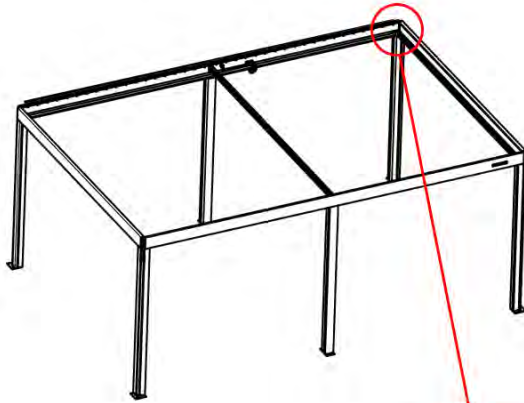
Matter Antenna

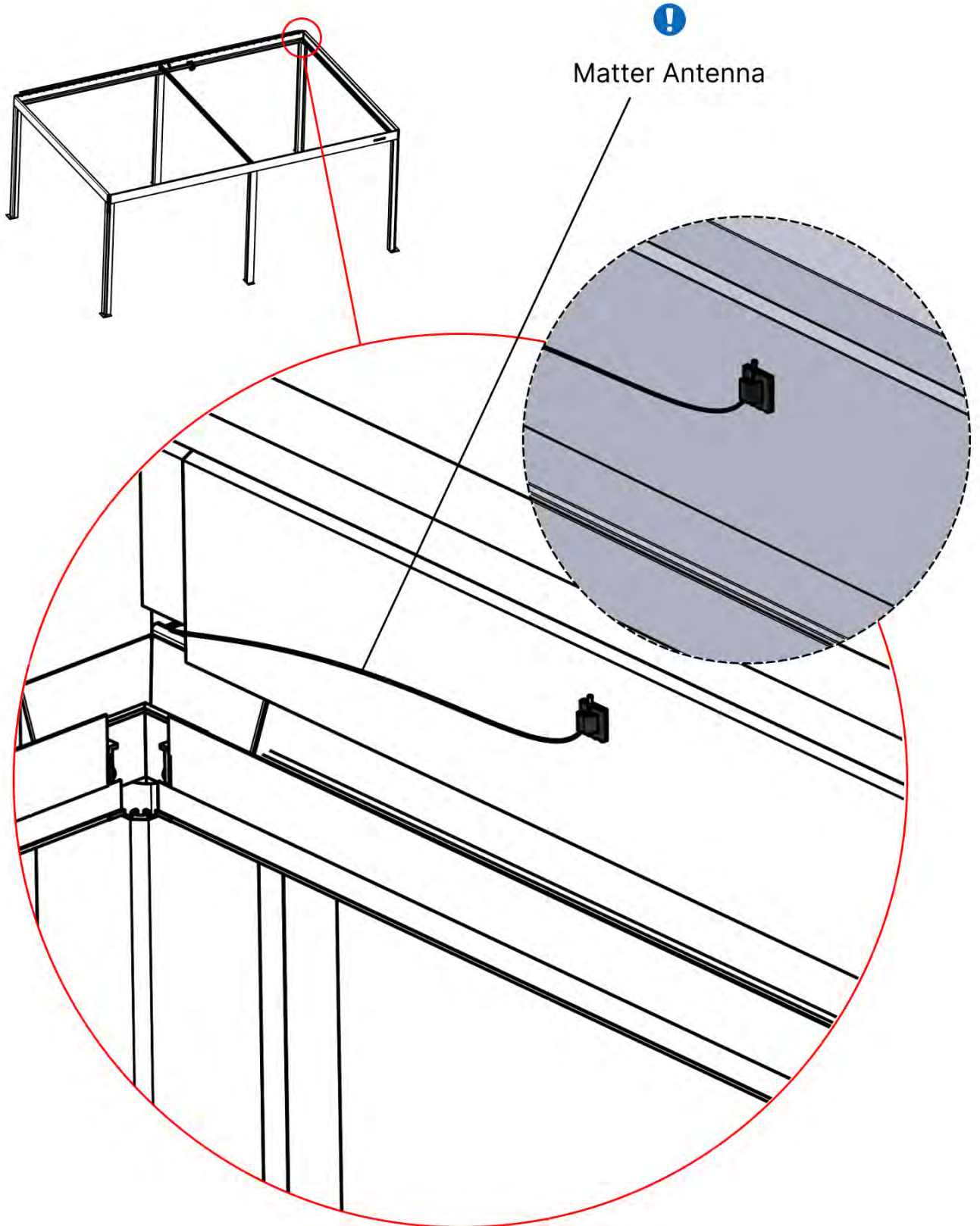


33

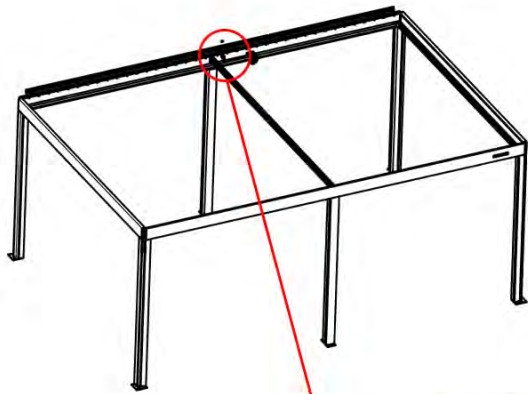
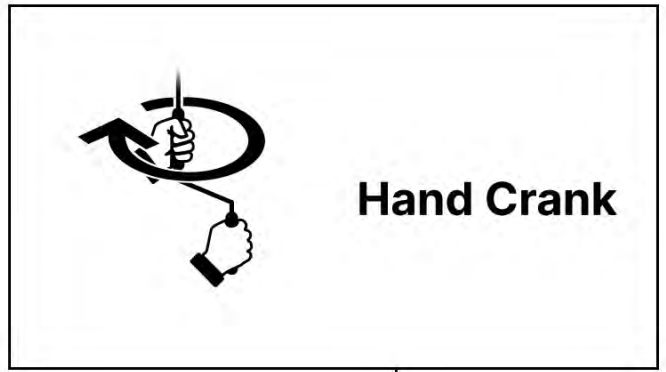


Matter Antenna Clip
1x

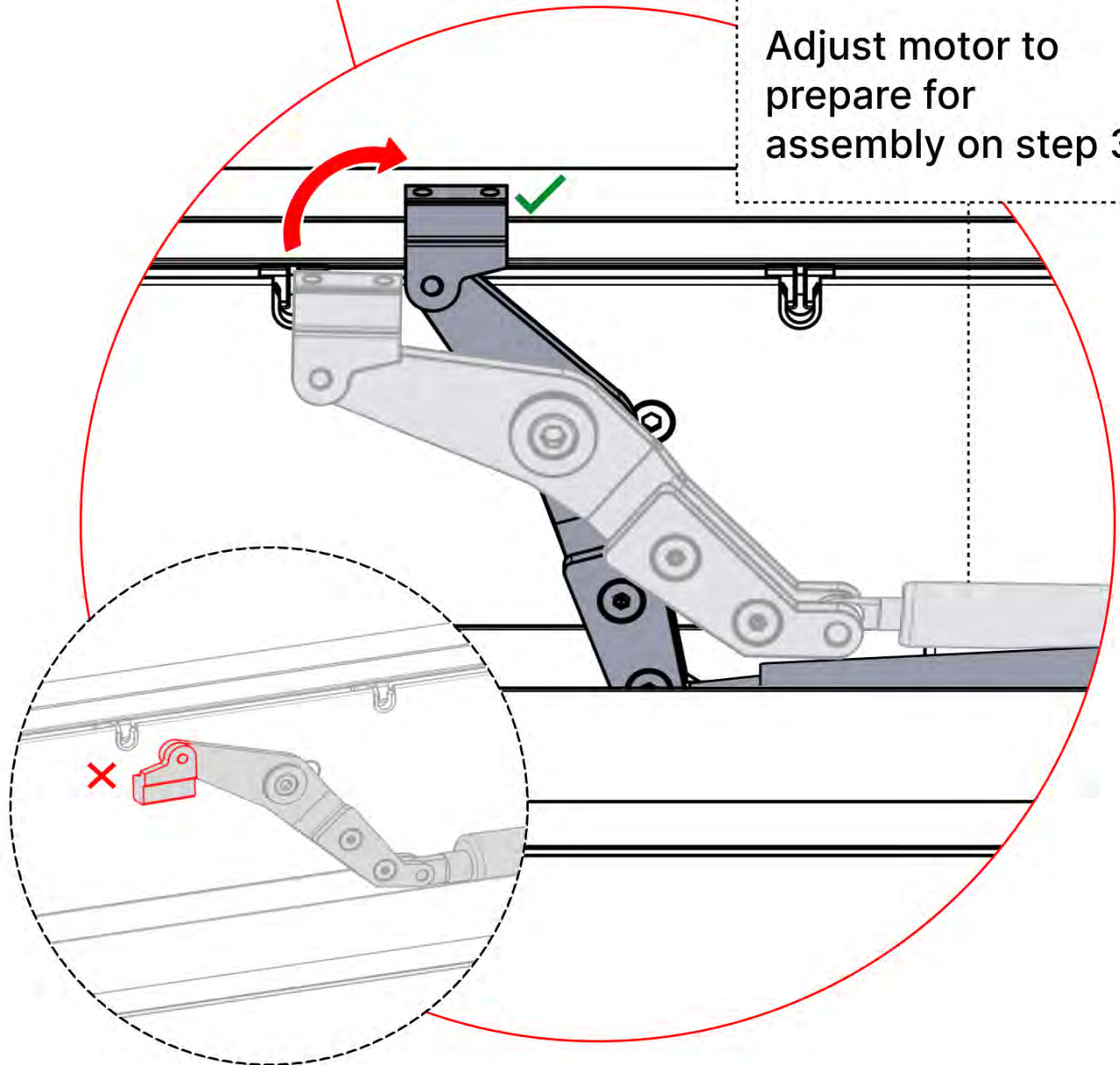




35



i
Adjust motor to
prepare for
assembly on step 36



36

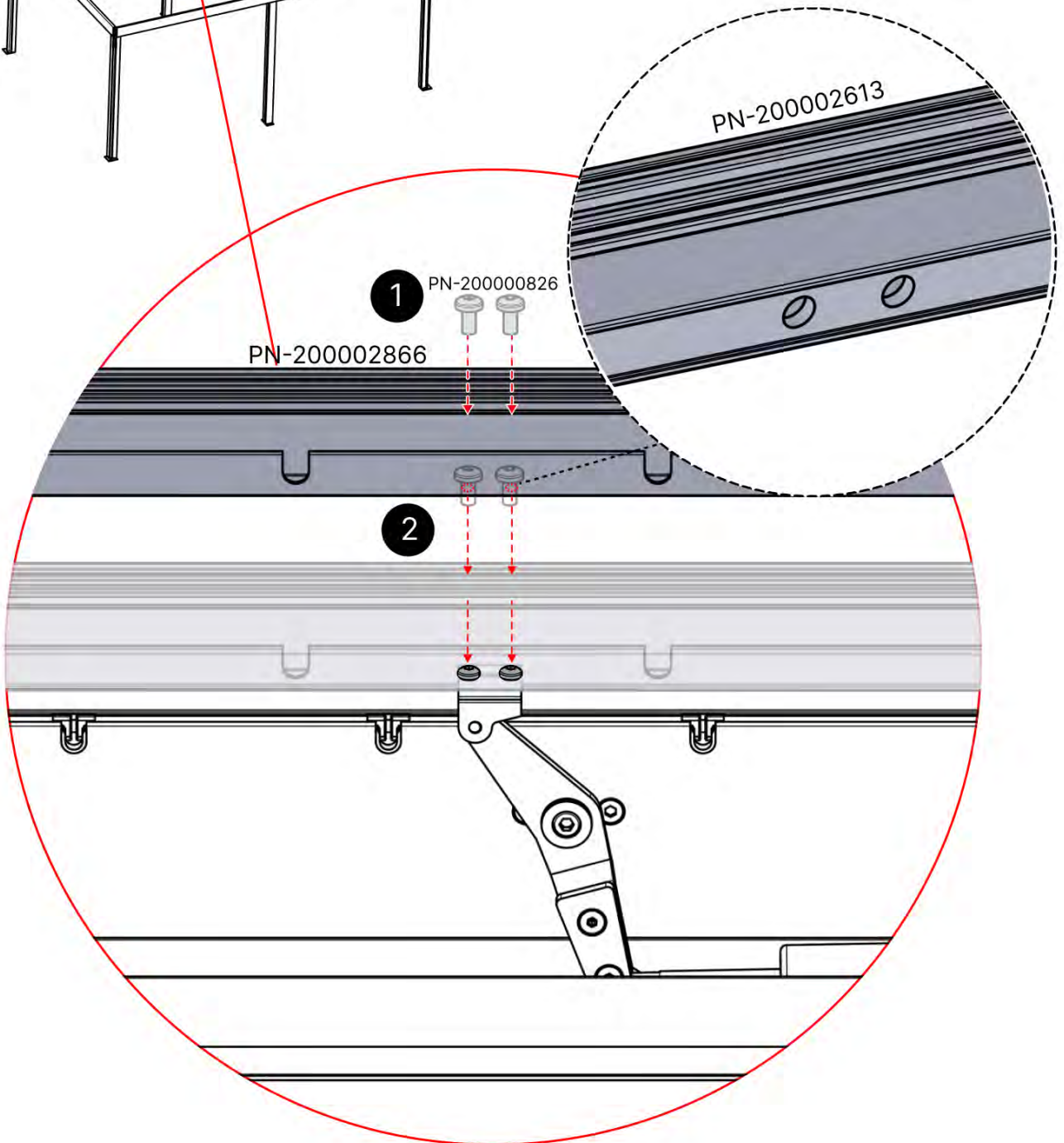
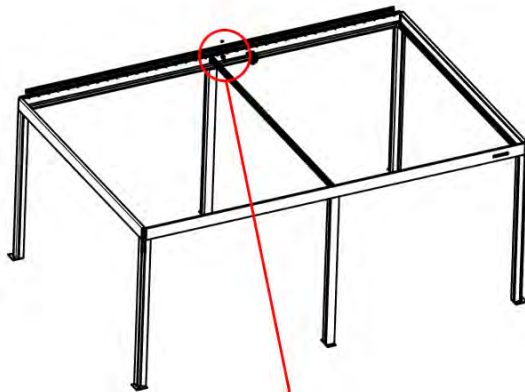
3

PERGOLUX *x1*

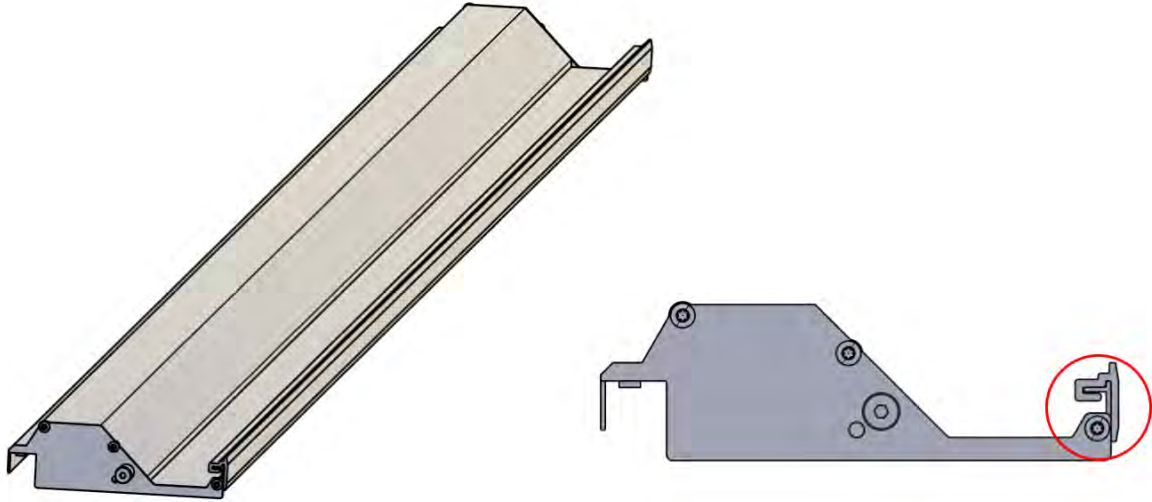
ANTHRACITE: B189
WHITE: B281
BLACK: B282

PN-200002866
1X

PN-200000826
2X



PERGOLA LOUVERS



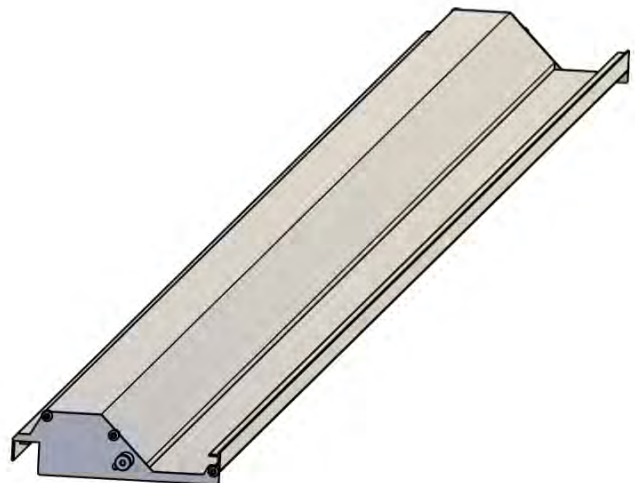
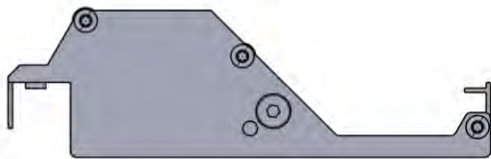
x7
PERGOLUX

4

ANTHRACITE: B220
WHITE: B224
BLACK: B222

P.PERGOLA 3M FS END LOUVER
PN-200002718

1x



x6
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

1

ANTHRACITE: L191
WHITE: L195
BLACK: L193

P.PERGOLA 3M FS LOUVER
PN-200002714

x1
PERGOLUX

4

ANTHRACITE: B220
WHITE: B224
BLACK: B222


24x

37

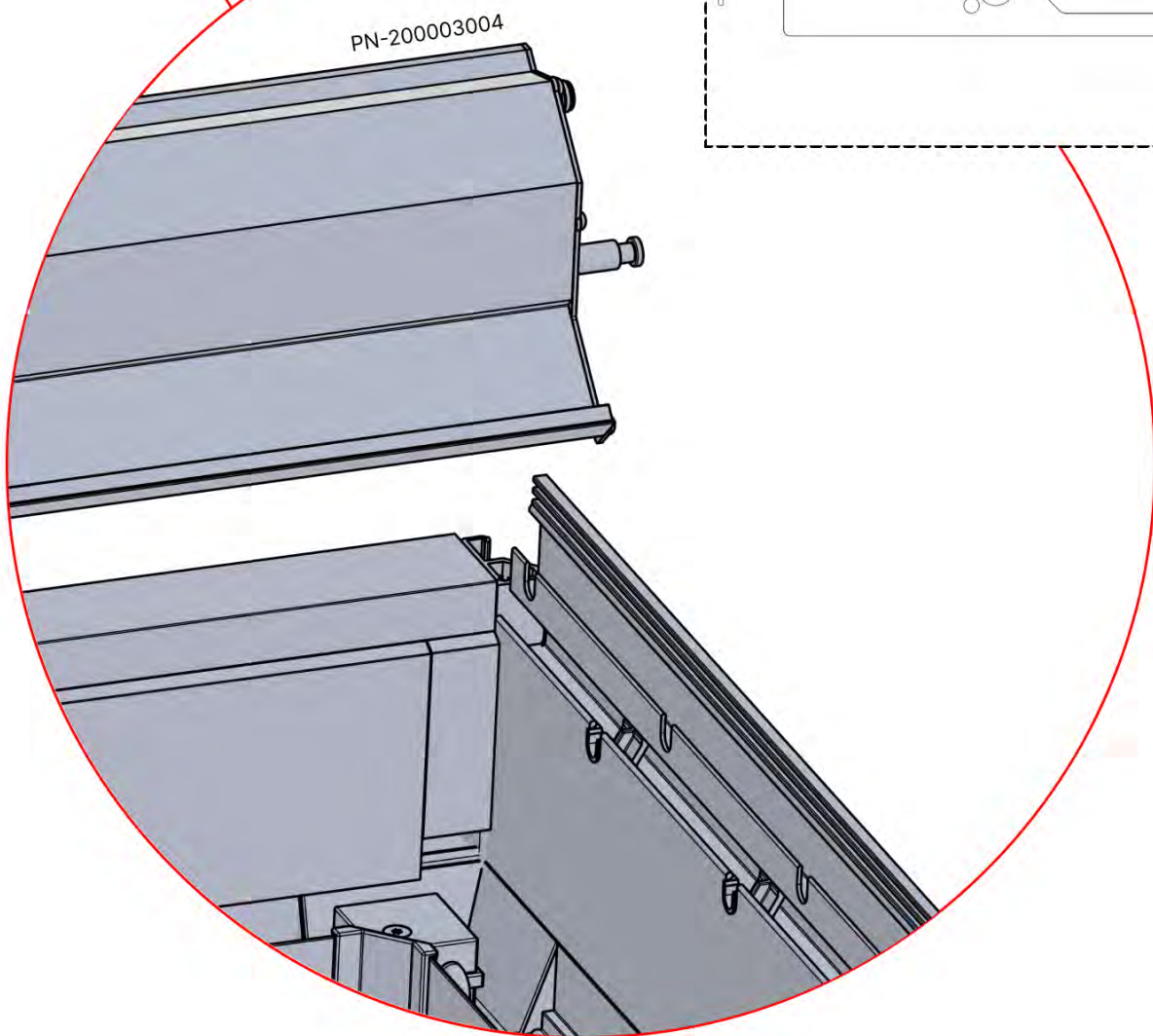
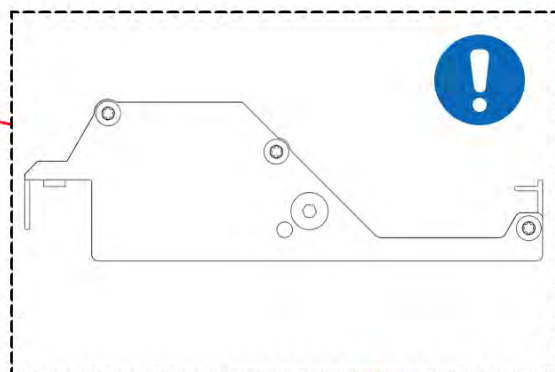
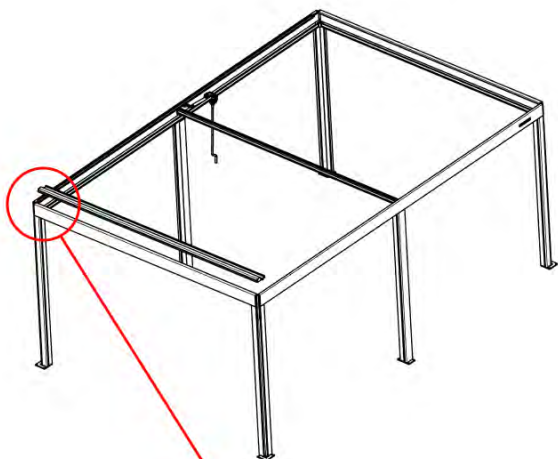
x6
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

1

ANTHRACITE: L191
WHITE: L195
BLACK: L193



PN-200002714
1x




38

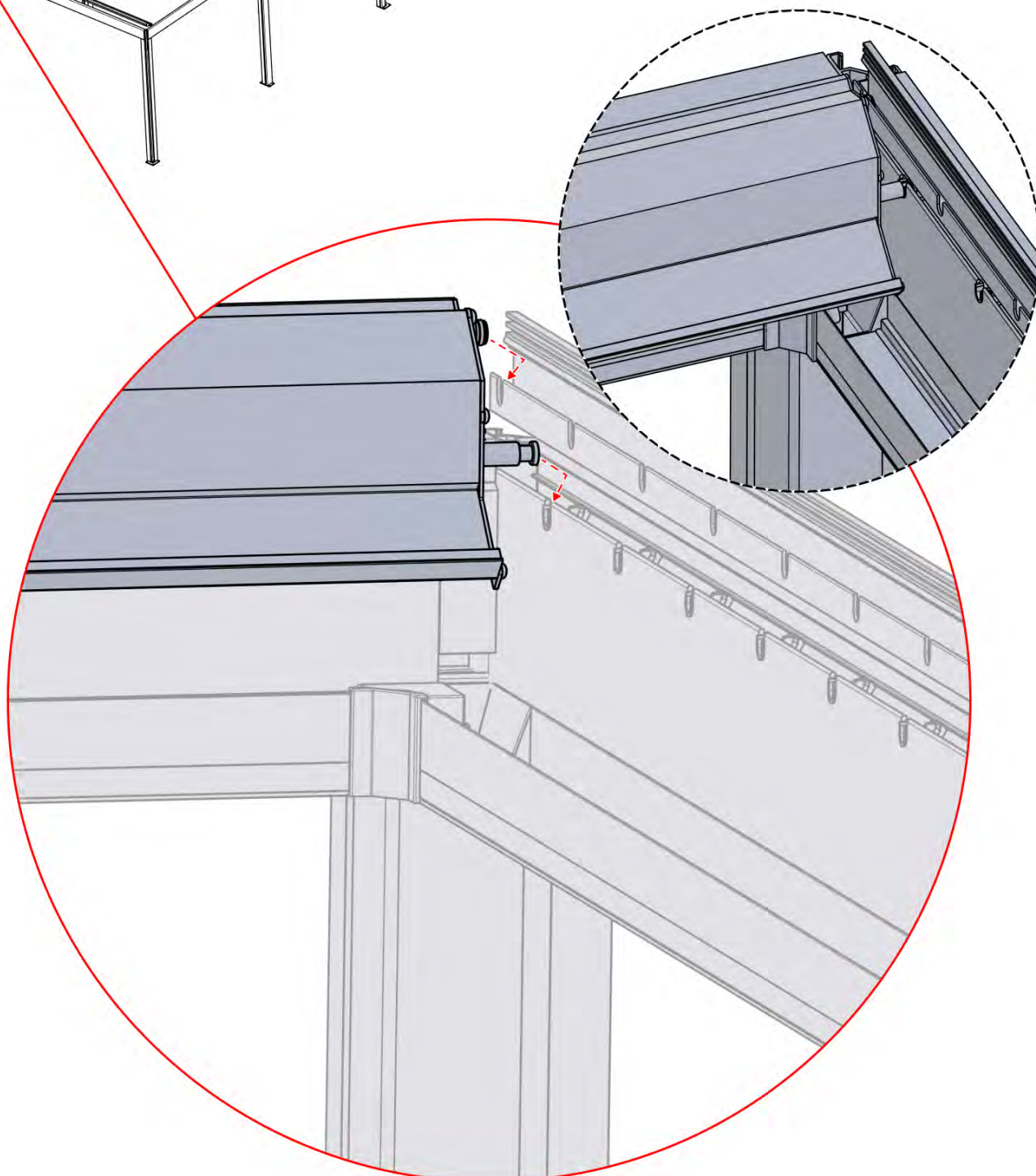
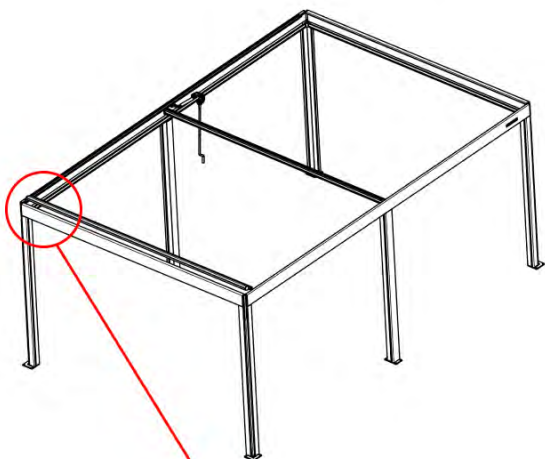
x6
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

1

ANTHRACITE: L191
WHITE: L195
BLACK: L193



PN-200002714
1x




39

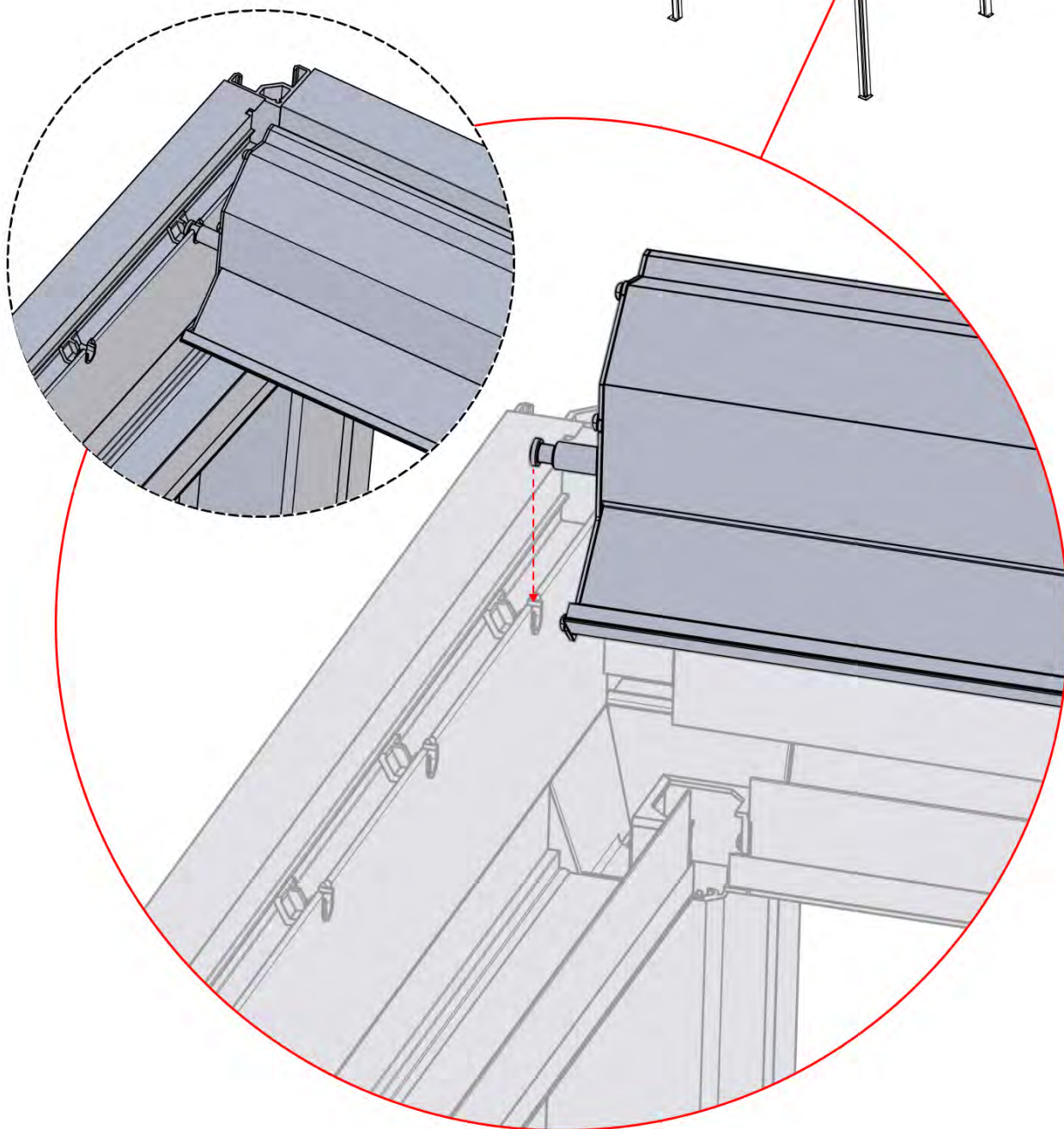
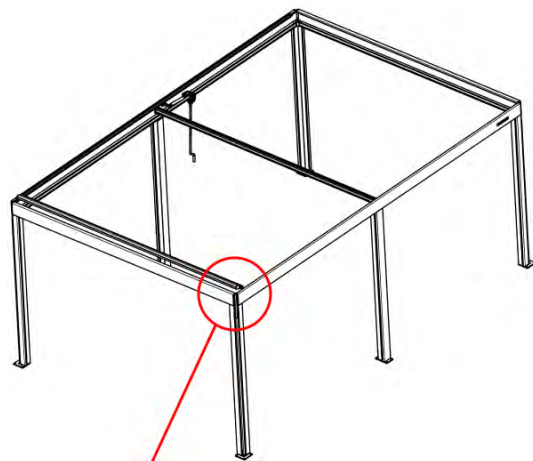
x6
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

1

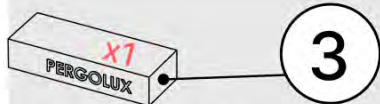
ANTHRACITE: L191
WHITE: L195
BLACK: L193



PN-200003004
1x

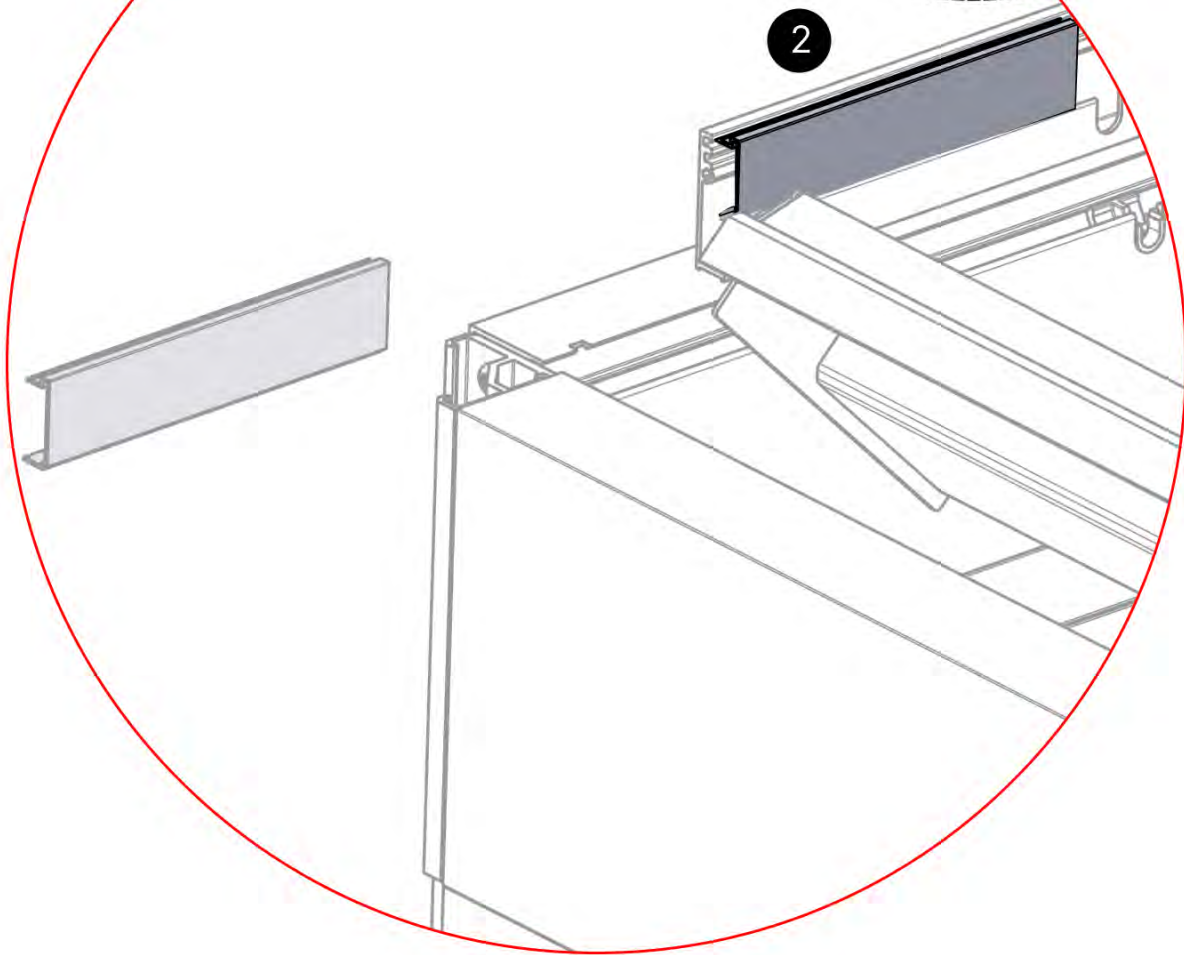
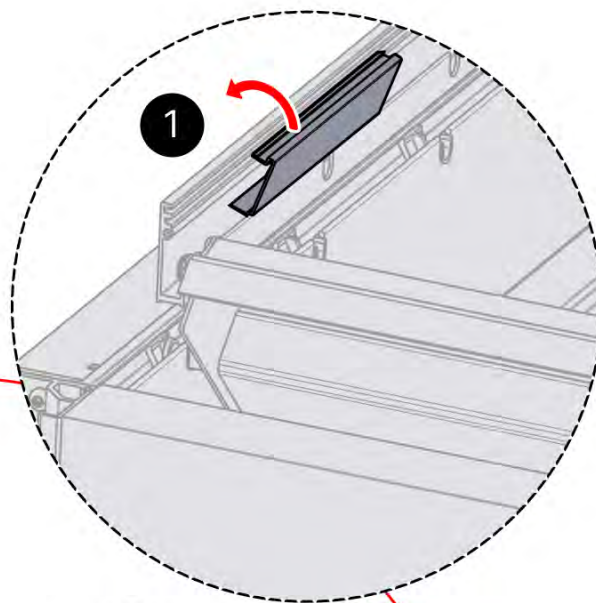
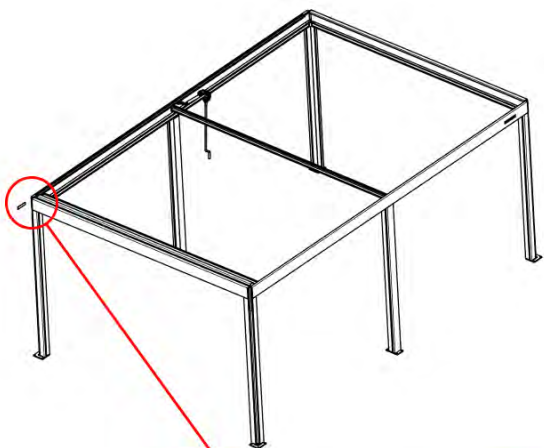
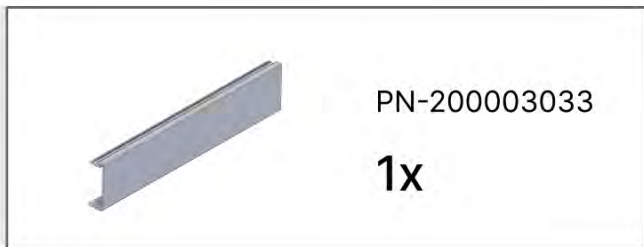


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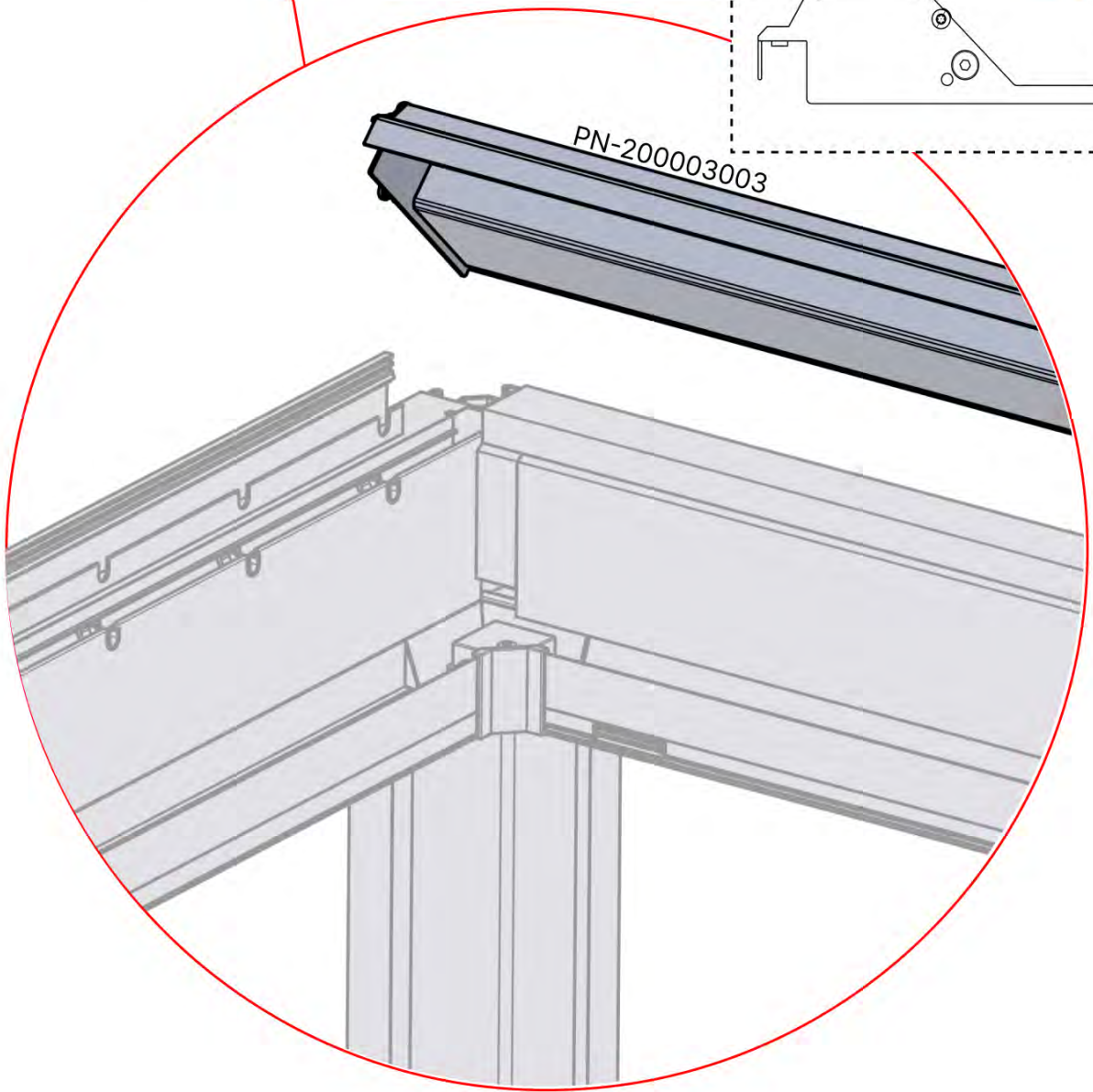
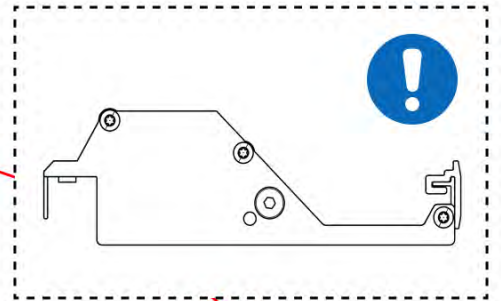
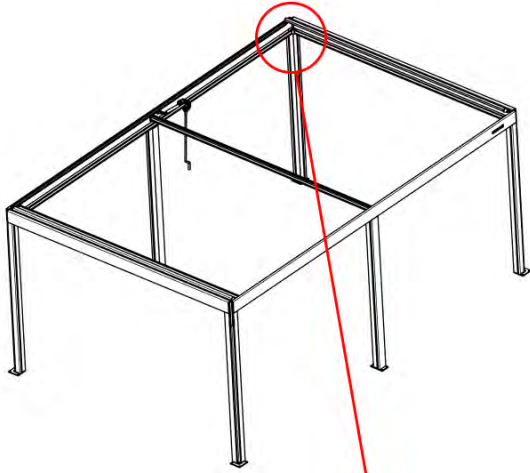
3

ANTHRACITE: B189
WHITE: B281
BLACK: B282

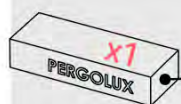


41

	4		PN-200002718 1x
ANTHRACITE: B220 WHITE: B224 BLACK: B222			

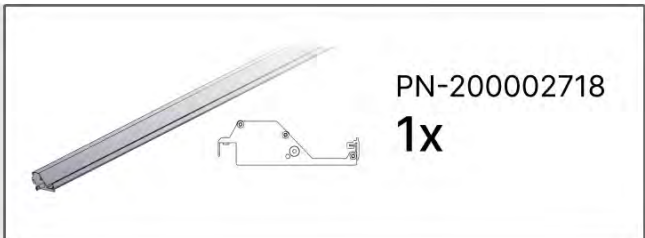


42



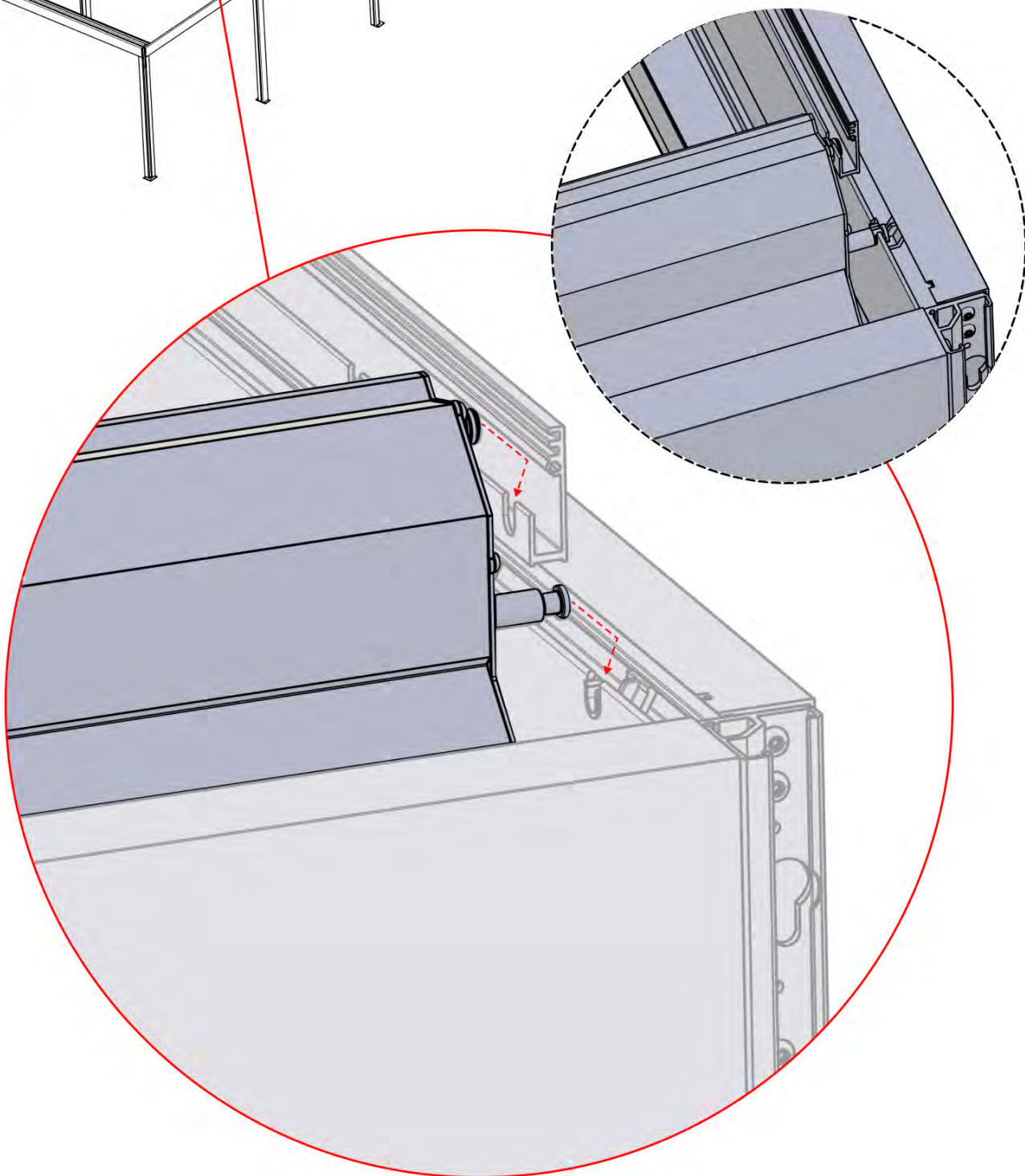
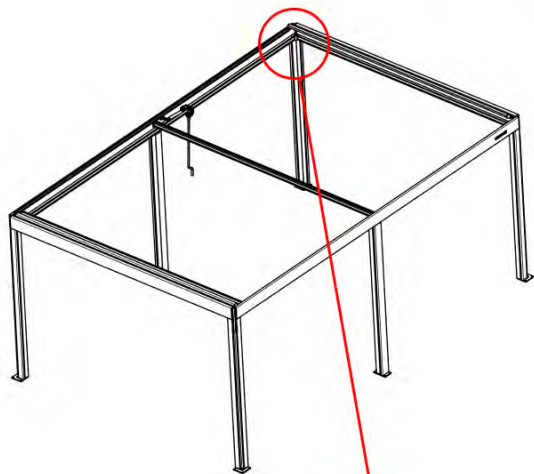
4

ANTHRACITE: B220
WHITE: B224
BLACK: B222

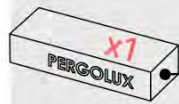


PN-200002718

1x

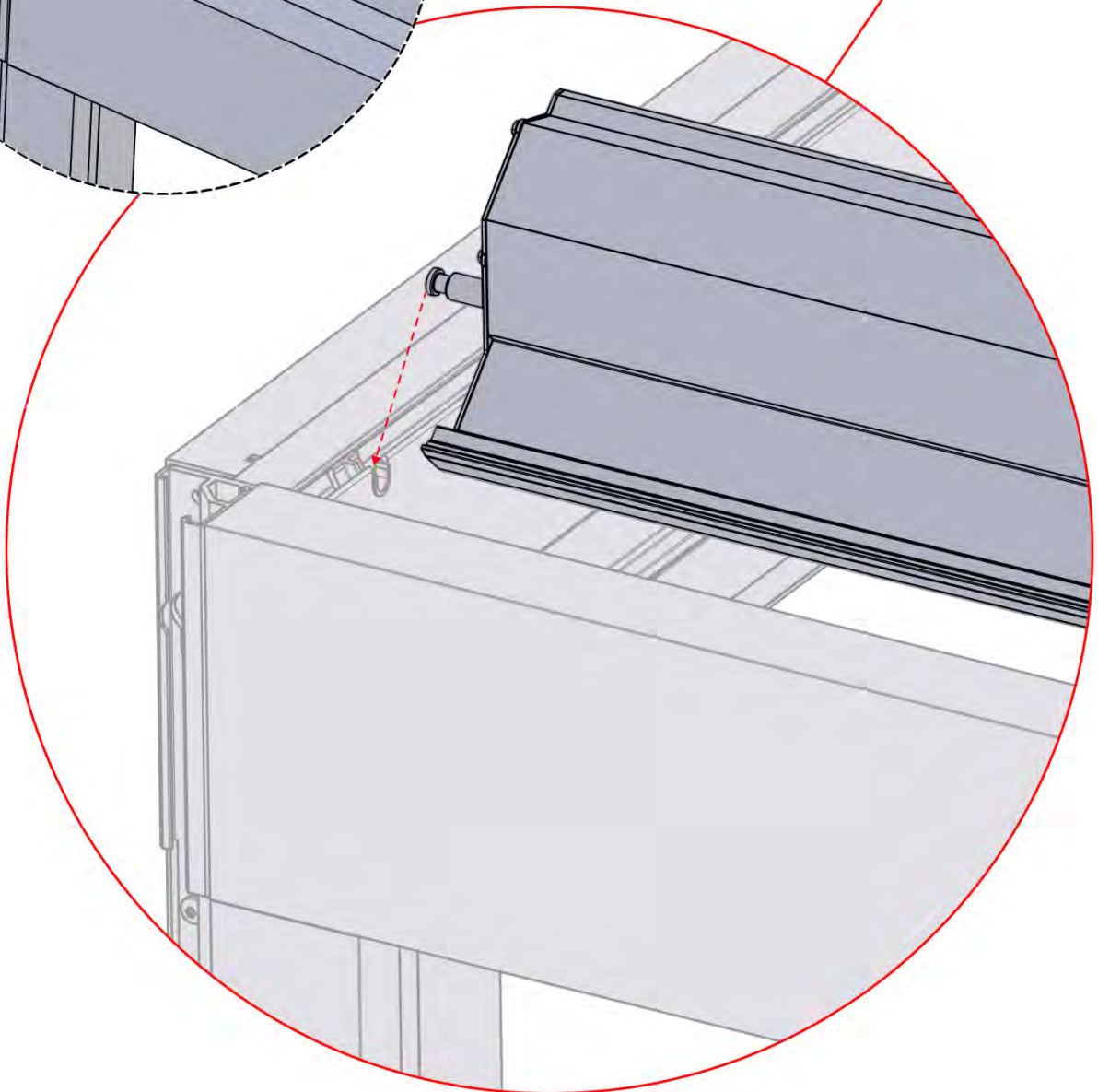
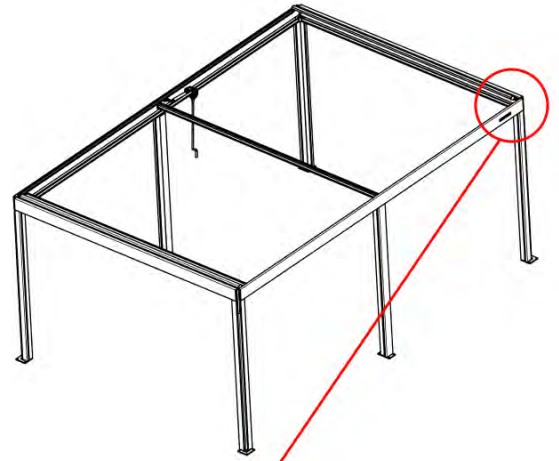
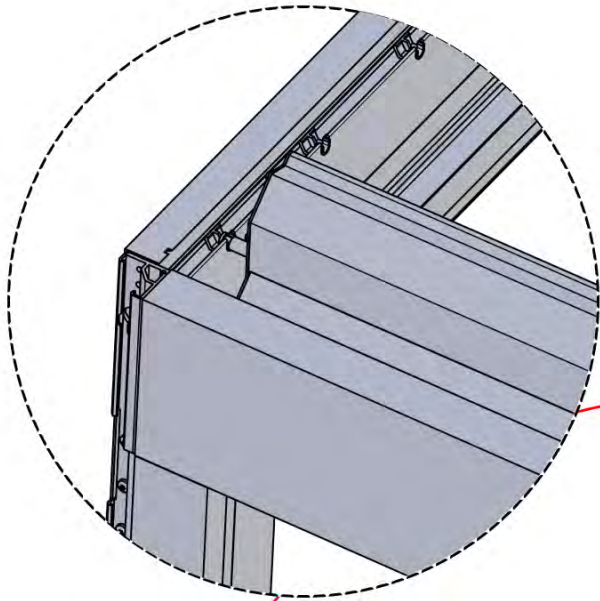
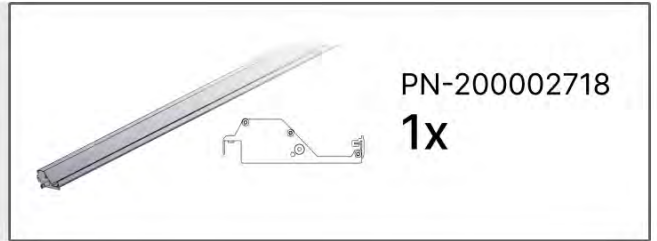


43

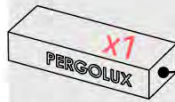


4

ANTHRACITE: B220
WHITE: B224
BLACK: B222

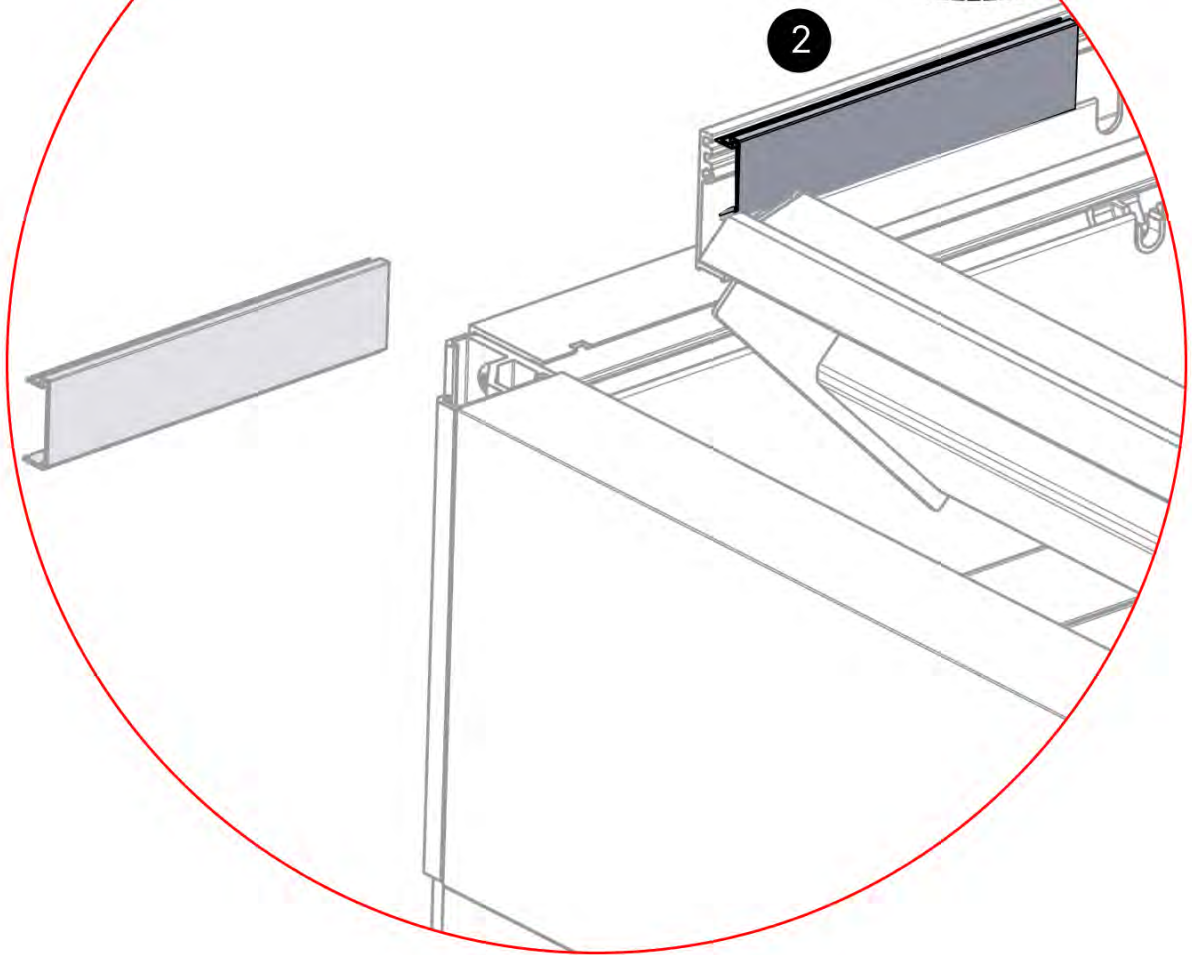
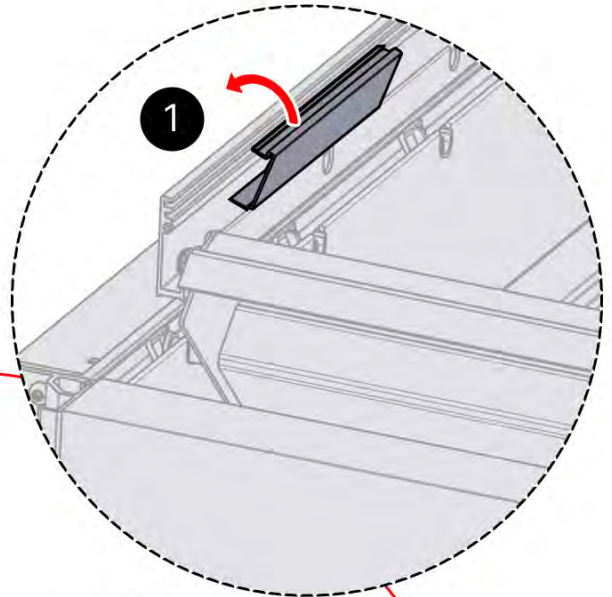
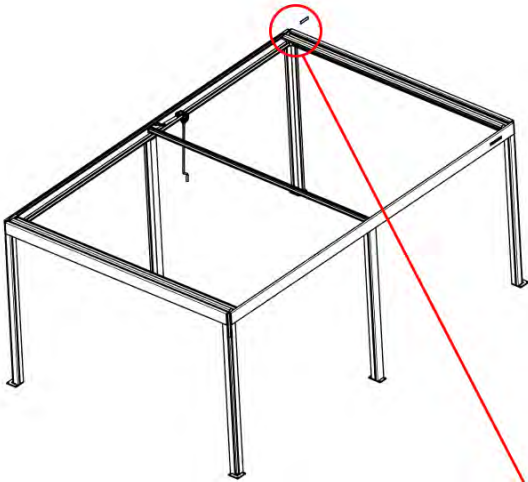
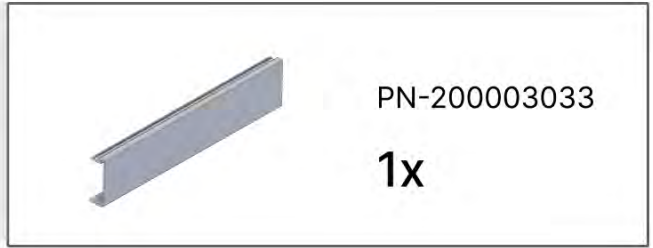


44



3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



45

x6
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX
PERGOLUX

1

ANTHRACITE: L192
WHITE: L196
BLACK: L194

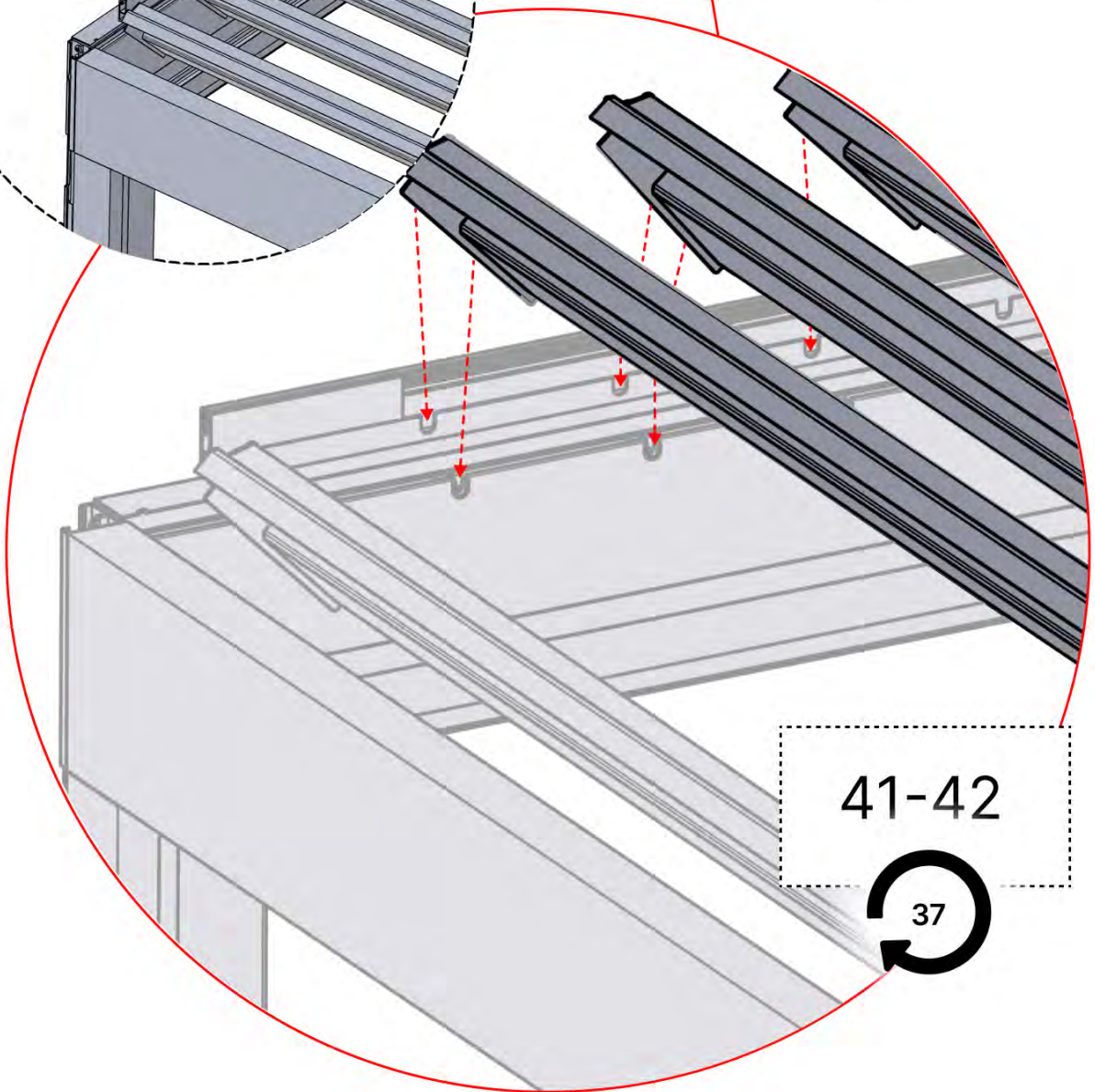
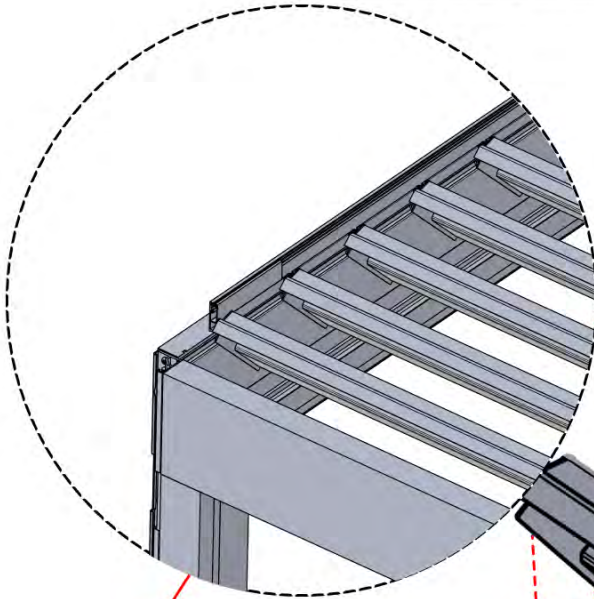
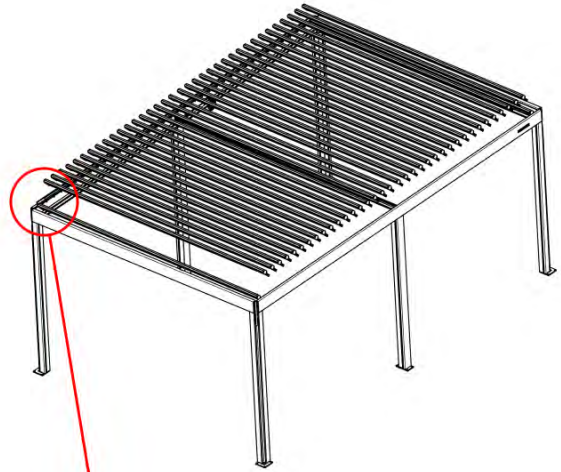


PN-200002714
37x

x1
PERGOLUX

4

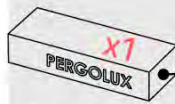
ANTHRACITE: B220
WHITE: B224
BLACK: B222



41-42

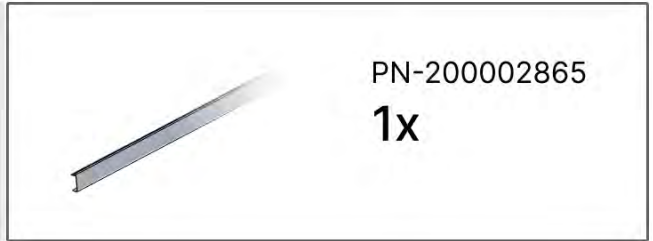


46



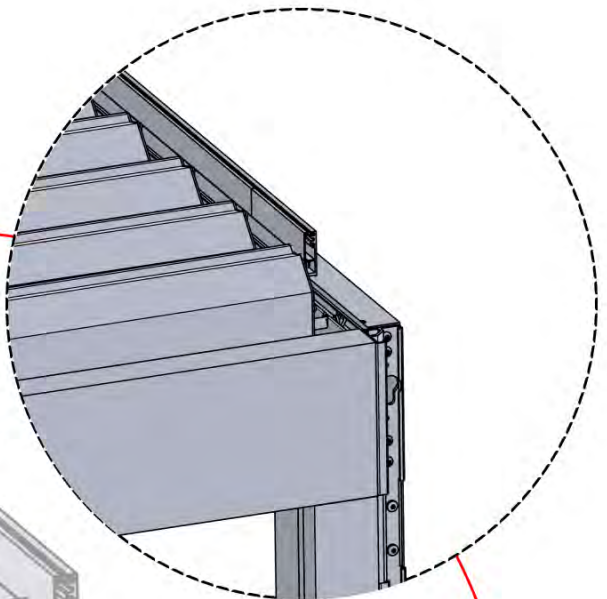
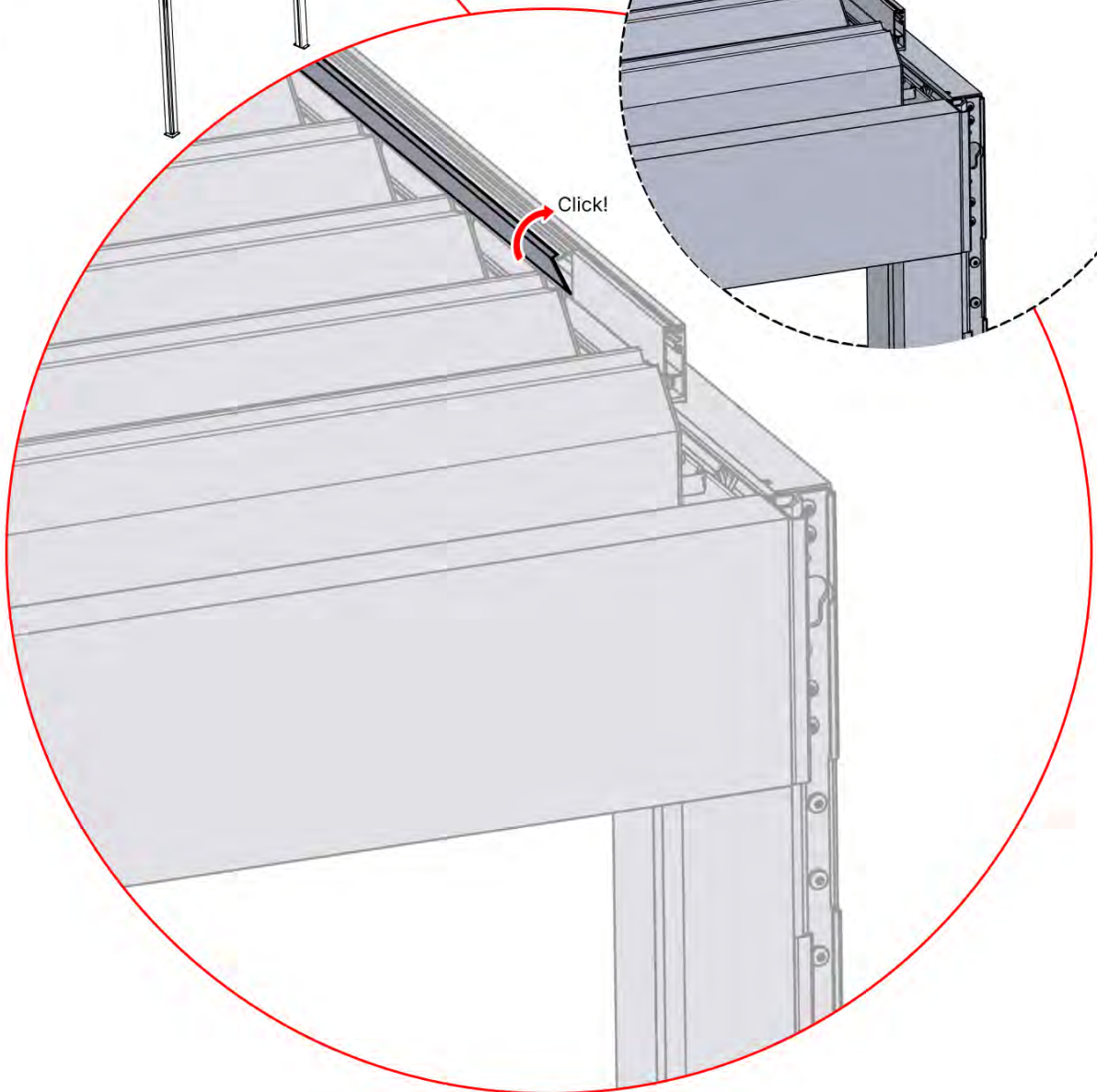
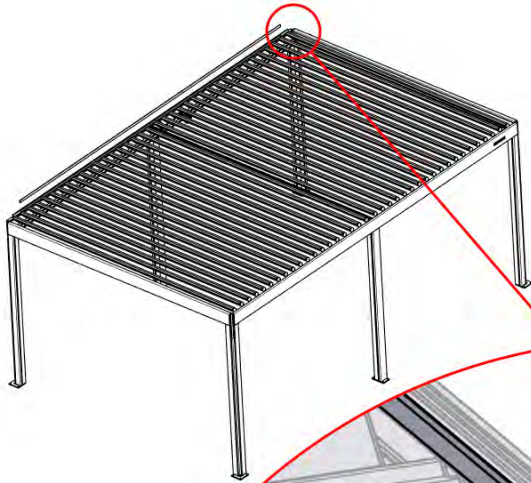
3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



PN-200002865

1x

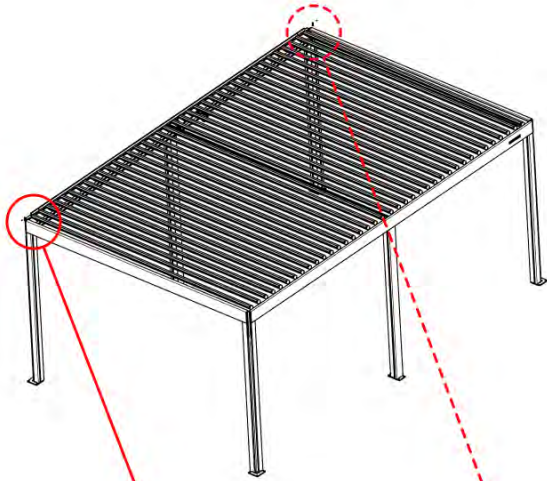


47

3

PERGOLUX **x1**

ANTHRACITE: B189
WHITE: B281
BLACK: B282

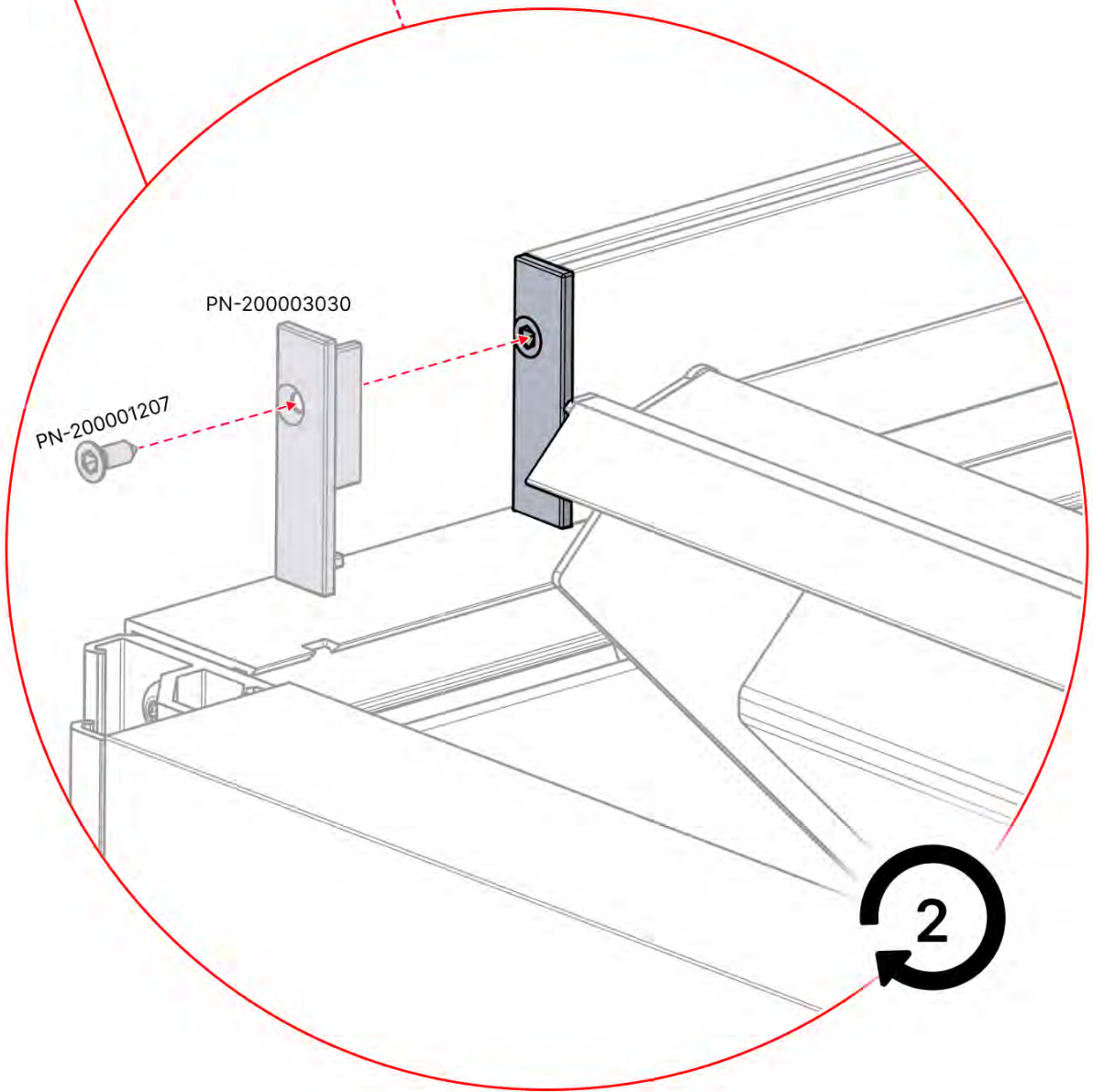


PN-200003030
1x

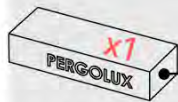
PN-200003030
1x

PN-200001207
1x

4.2x12

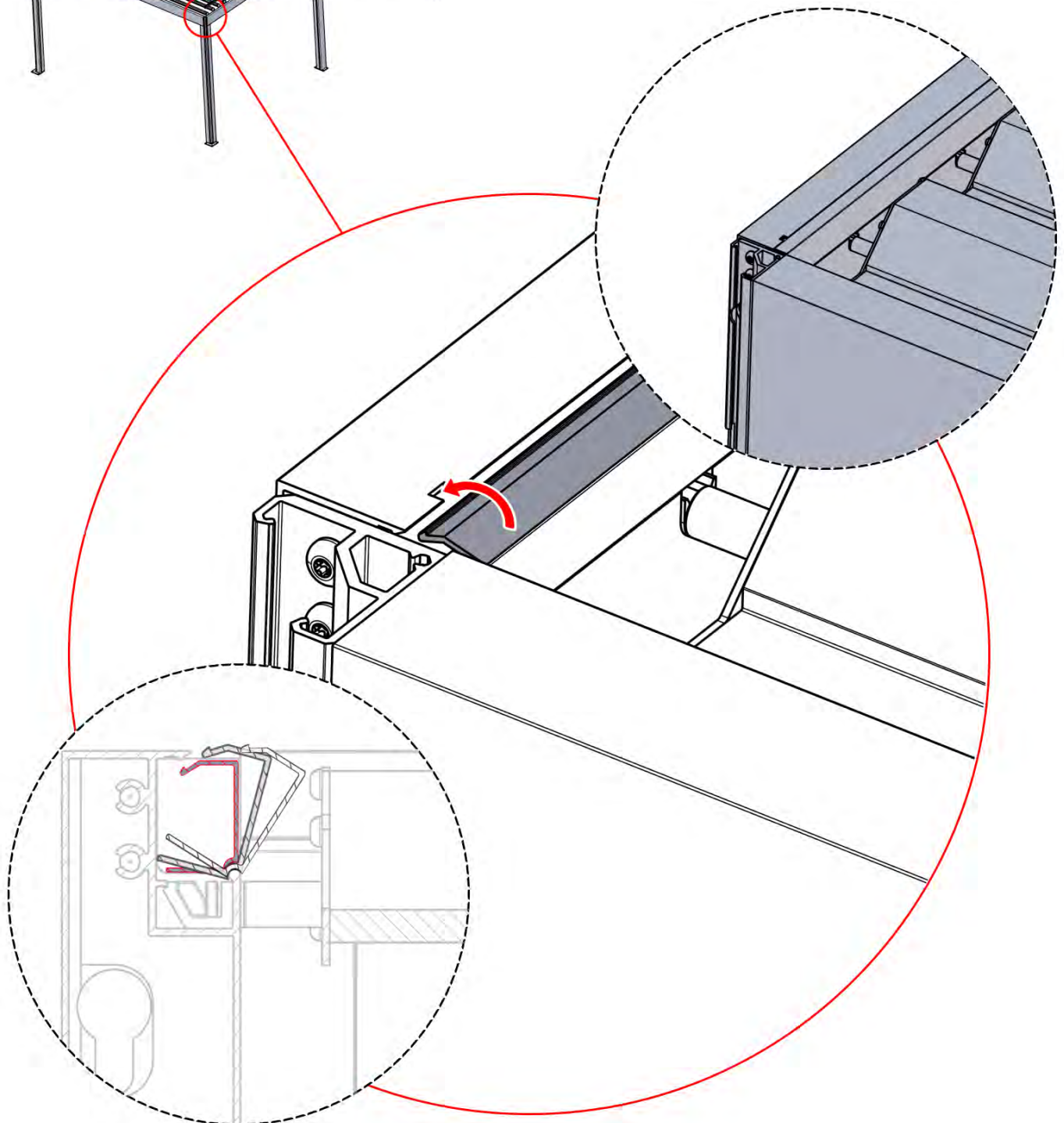
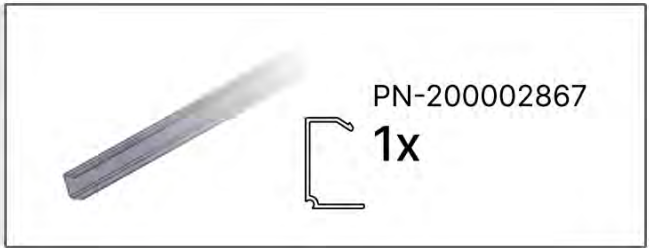


48



3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



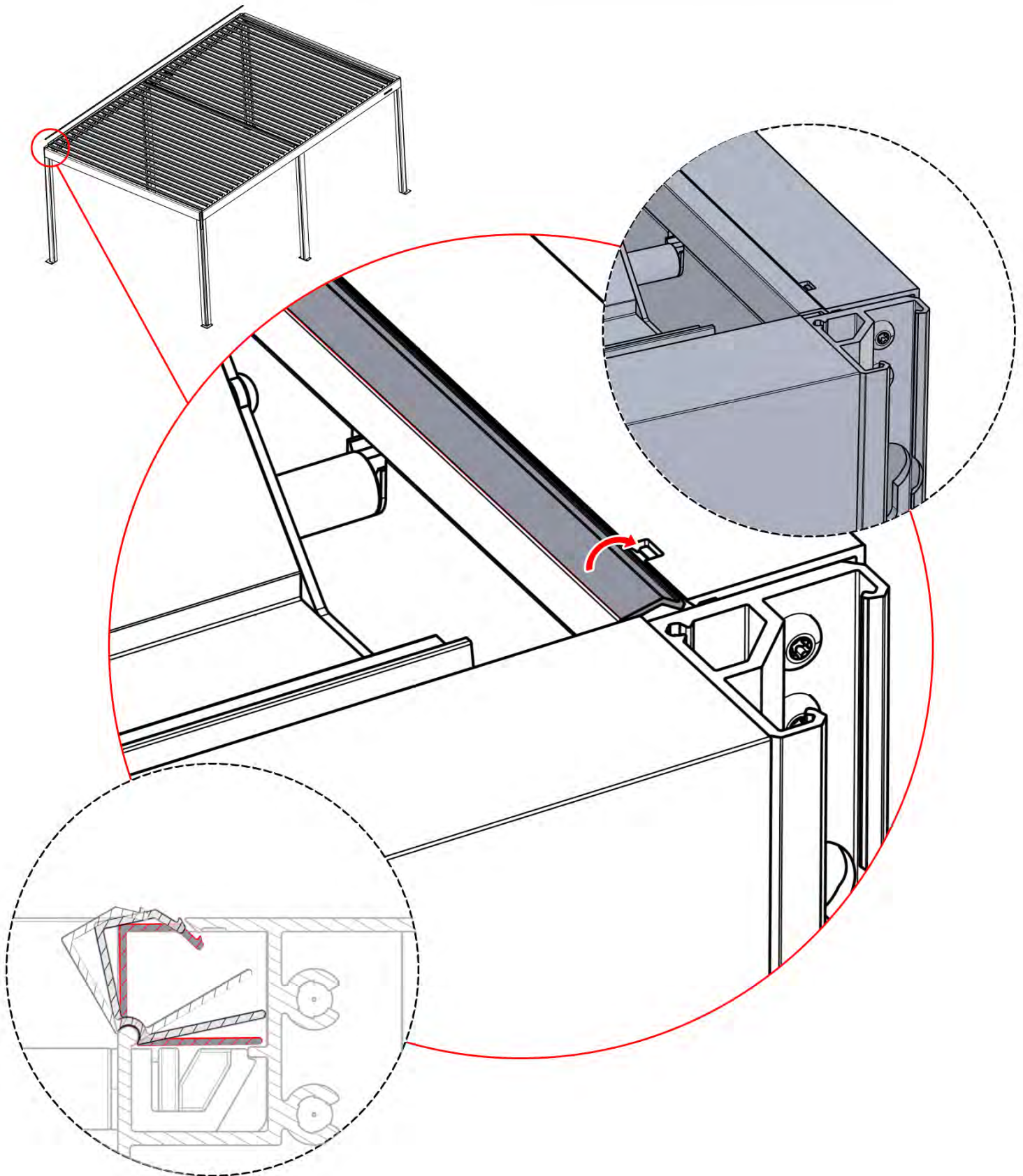

49

x7
PERGOLUX

3

ANTHRACITE: B189
WHITE: B281
BLACK: B282

PN-200002867
1x

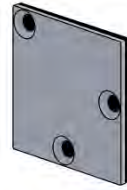


50



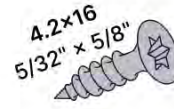
3

ANTHRACITE: B189
WHITE: B281
BLACK: B282



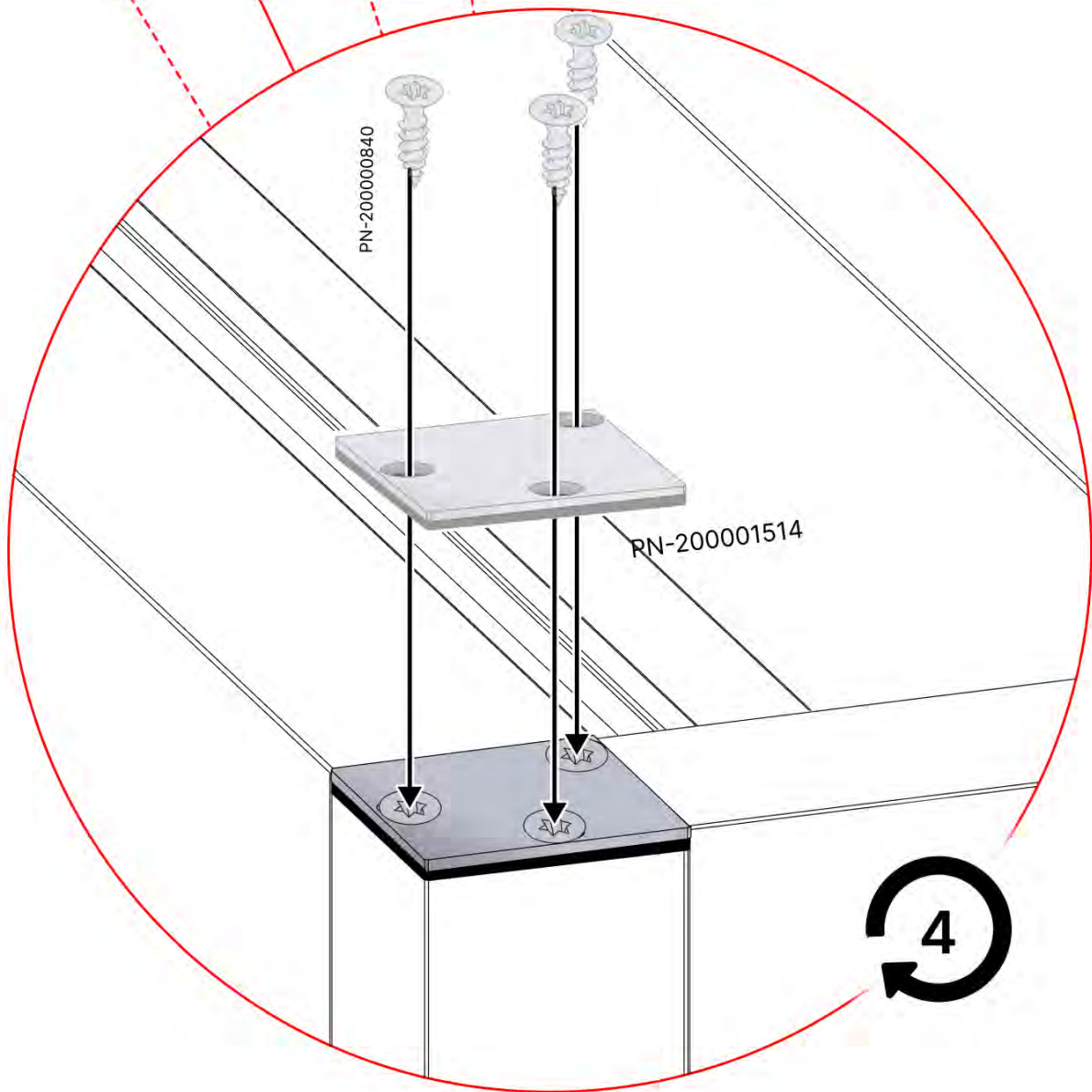
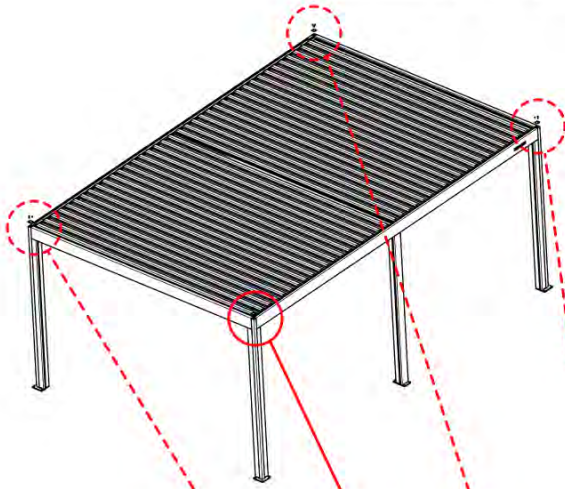
PN-200001514

4x



PN-200000840

18x



51

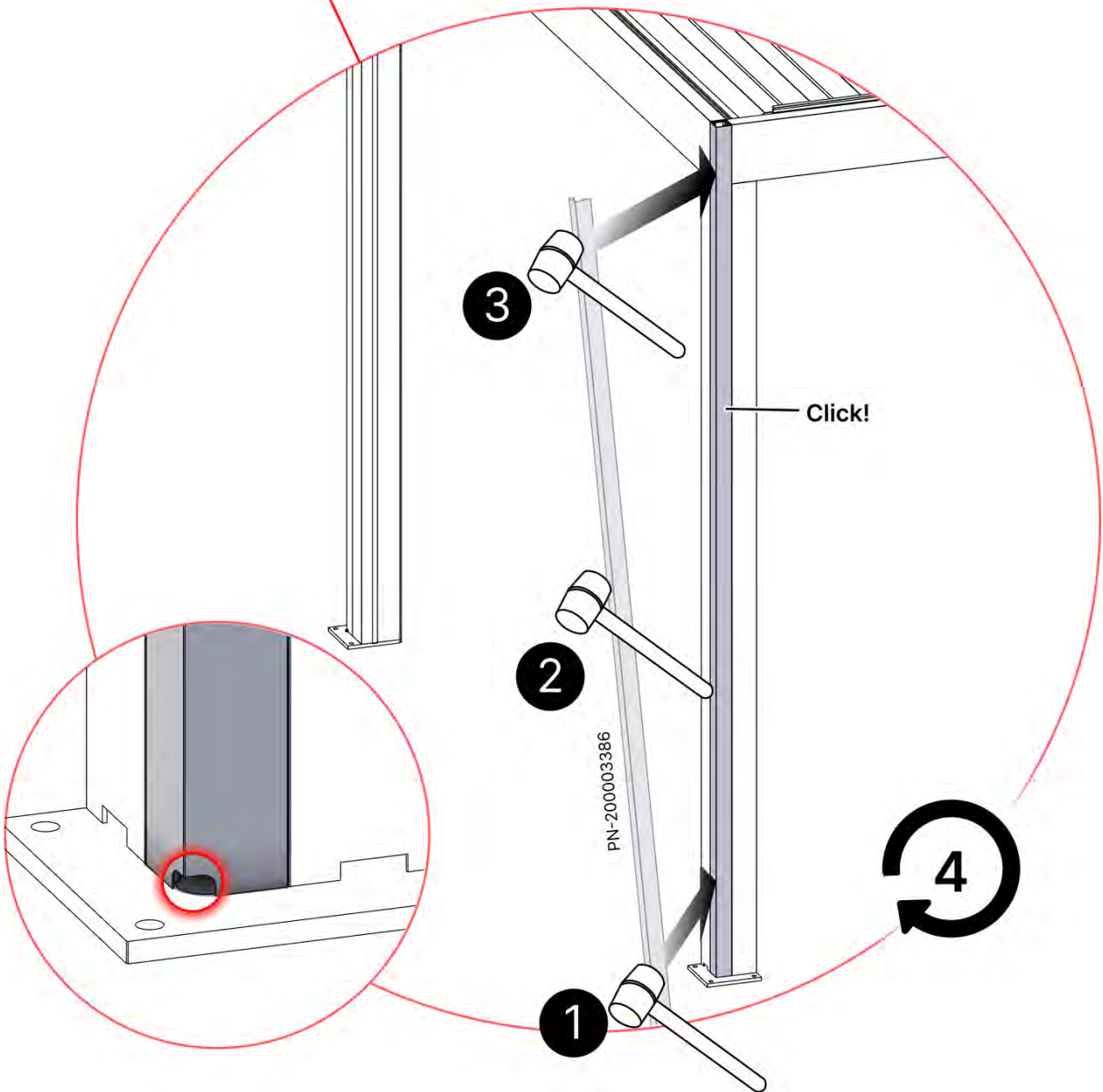
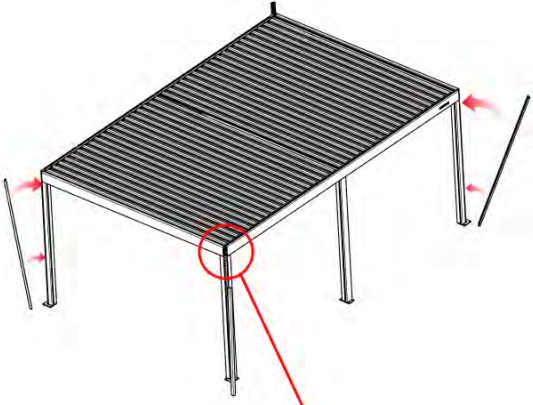

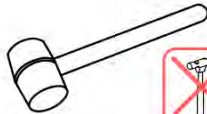


x2
PERGOLUX
PERGOLUX

6

ANTHRACITE: C120
WHITE: C122
BLACK: C121

PN-200003386

4x



3

2

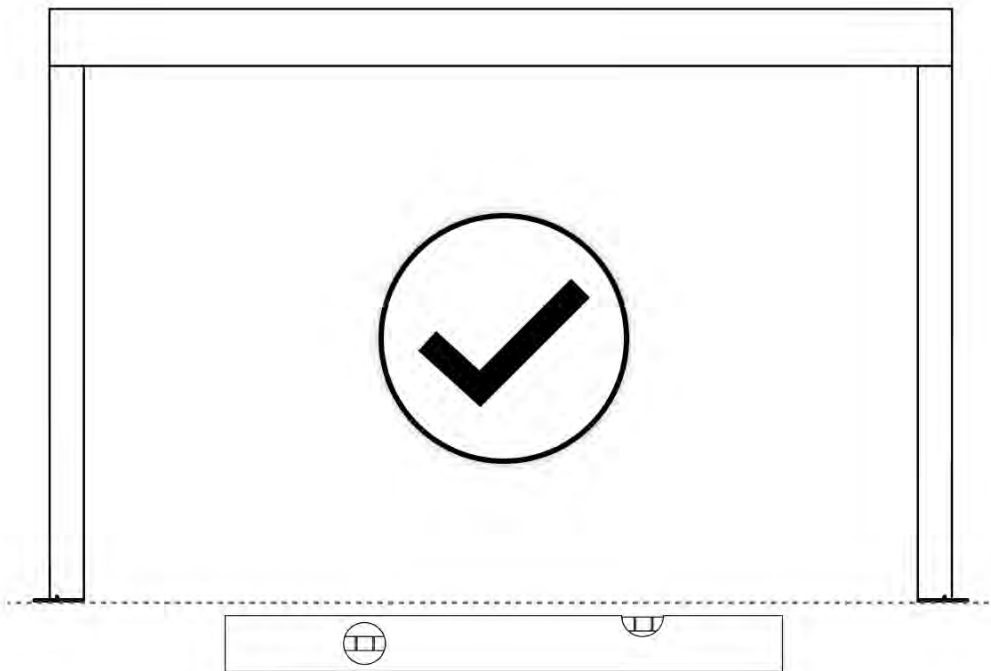
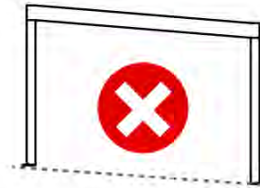
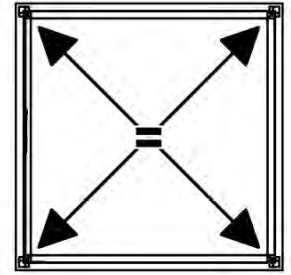
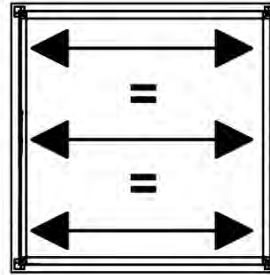
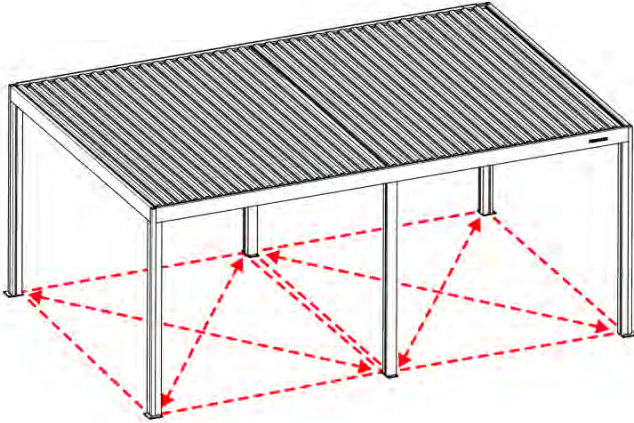
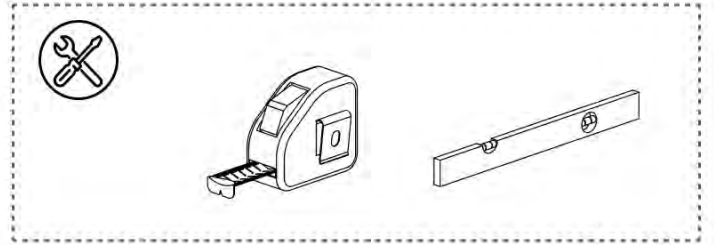
1

4

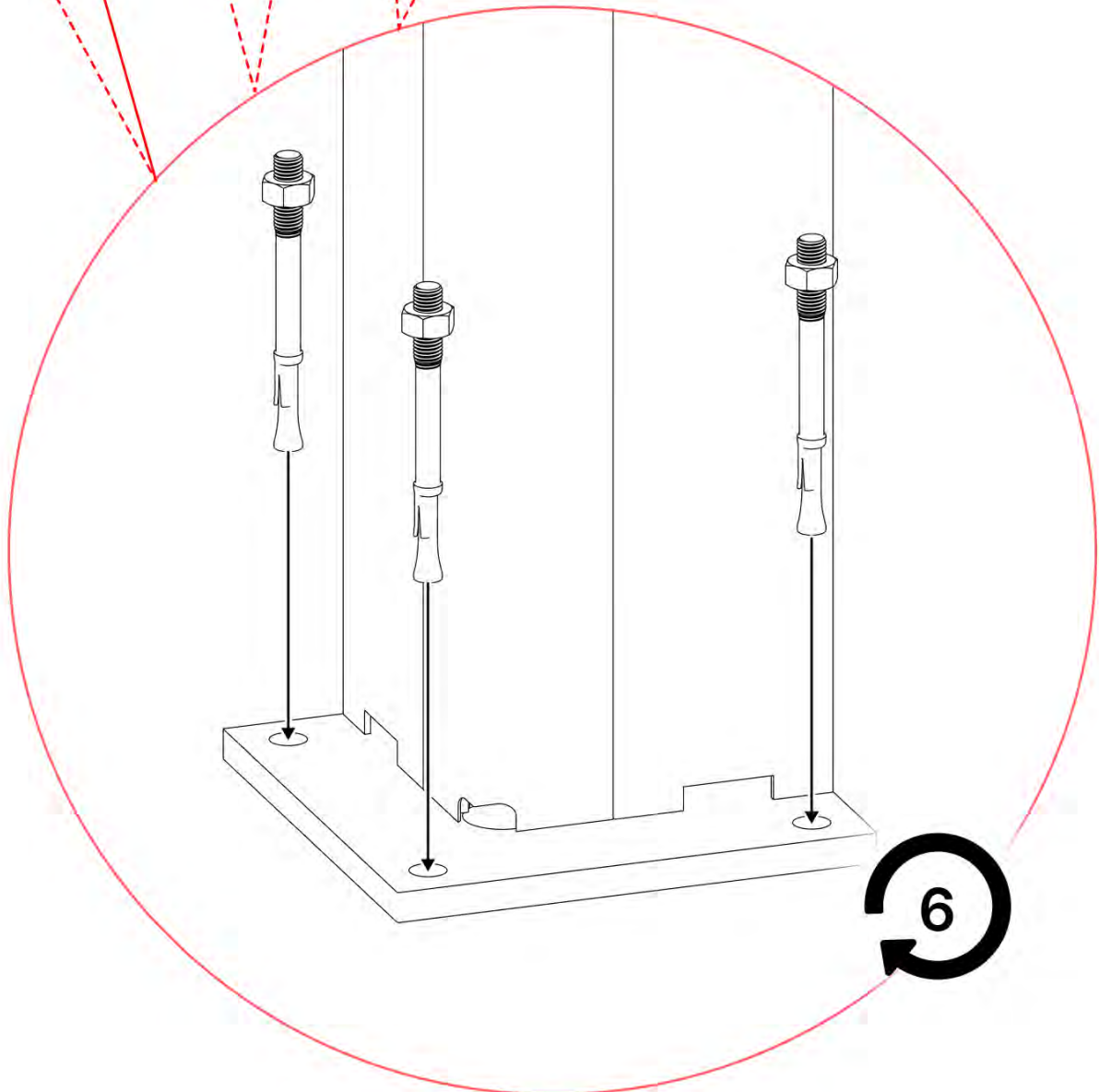
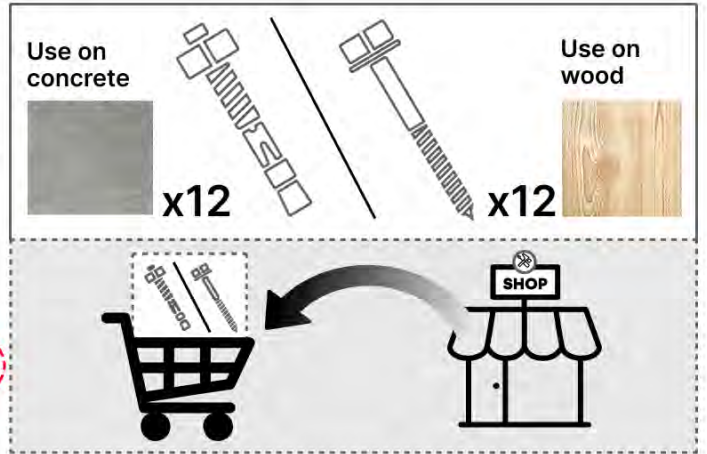
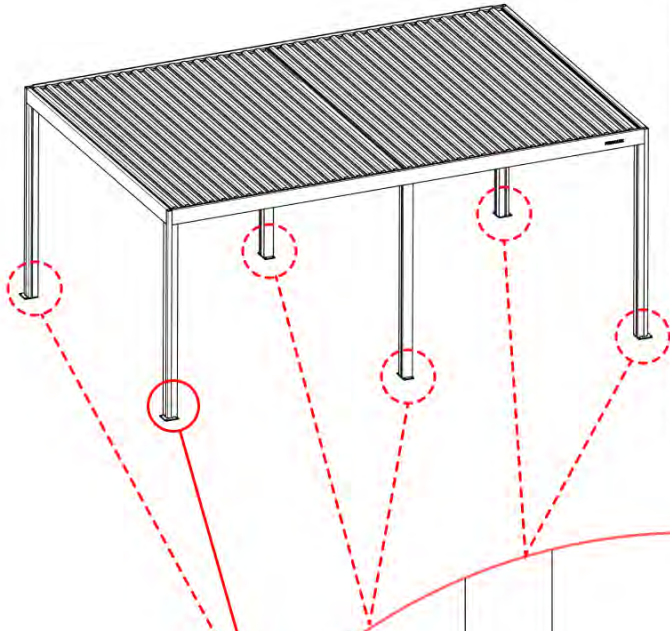
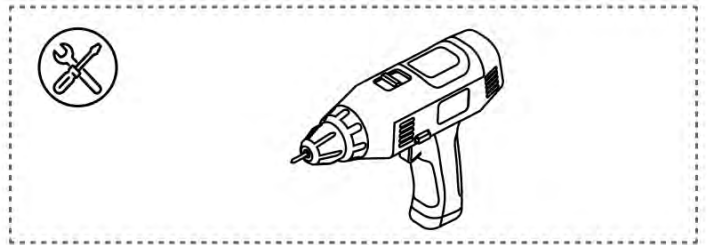
Click!

PN-200003386

52



53



3 x 6 m

