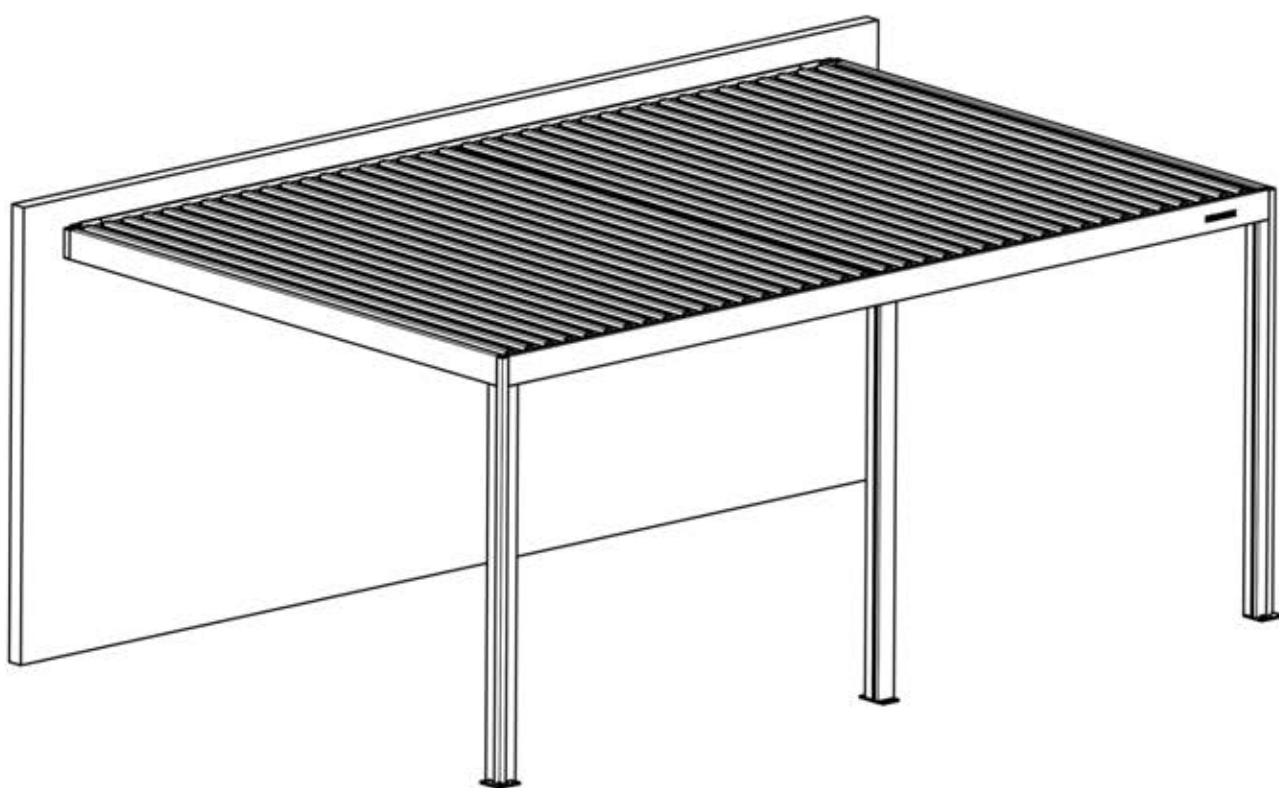


S4

PERGOLA



4×6m/13'x19'
WALL MOUNTED

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

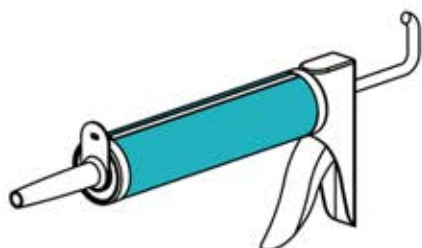


Motor

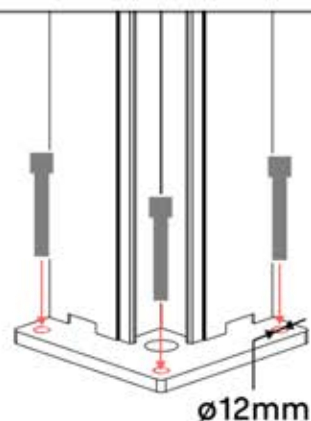


Turn around

INFORMATION



Use a high-quality, weather-resistant and mold-resistant adhesive and sealant to seal the corners of the pergola and prevent leakage. Look for products that are designed for outdoor use and provide a strong, long-lasting bond.



Use on
concrete



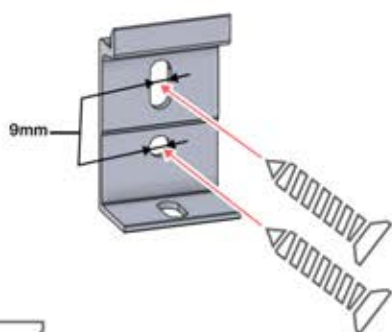
x9

Use on
wood



x9

You need to buy 10 mm screws to attach the pergola to the ground



x

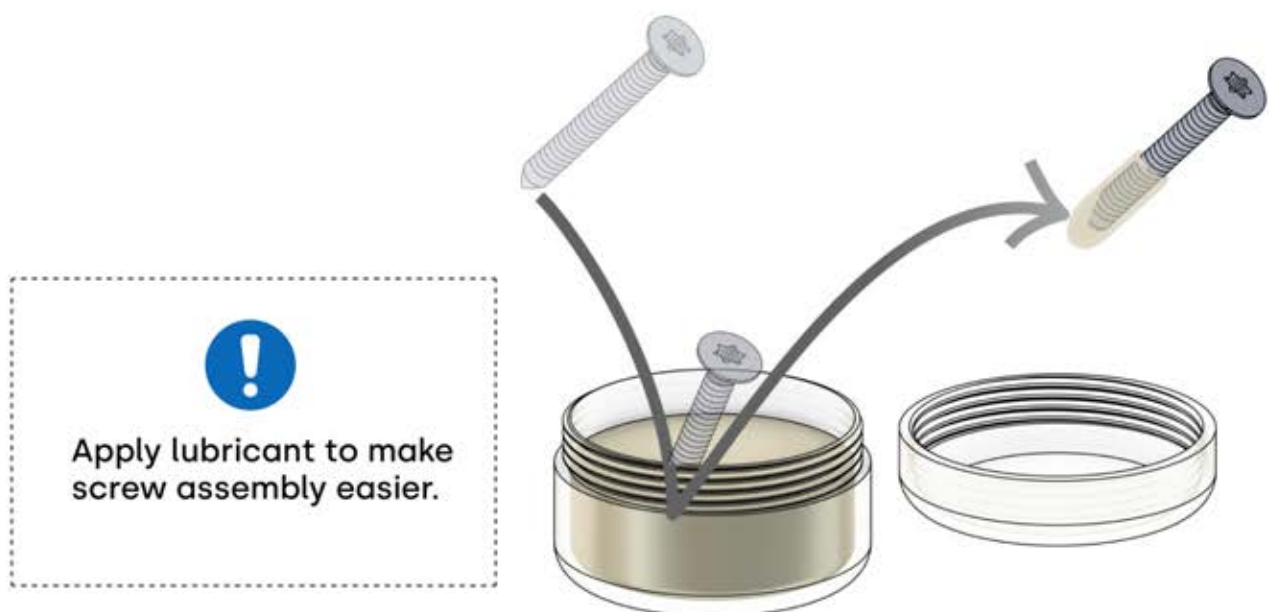
You need to buy 8 mm screws to attach the pergola to the wall



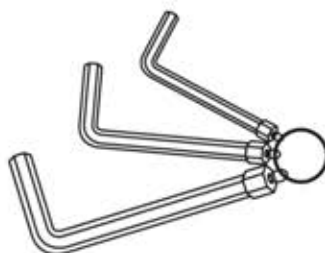
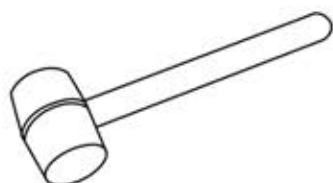
INFORMATION

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

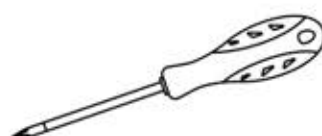
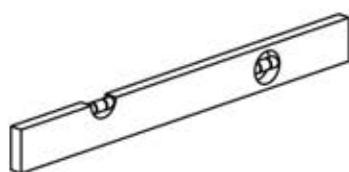
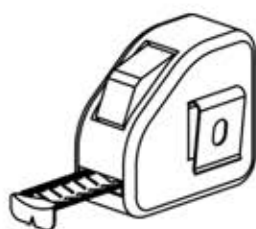
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



TOOLS

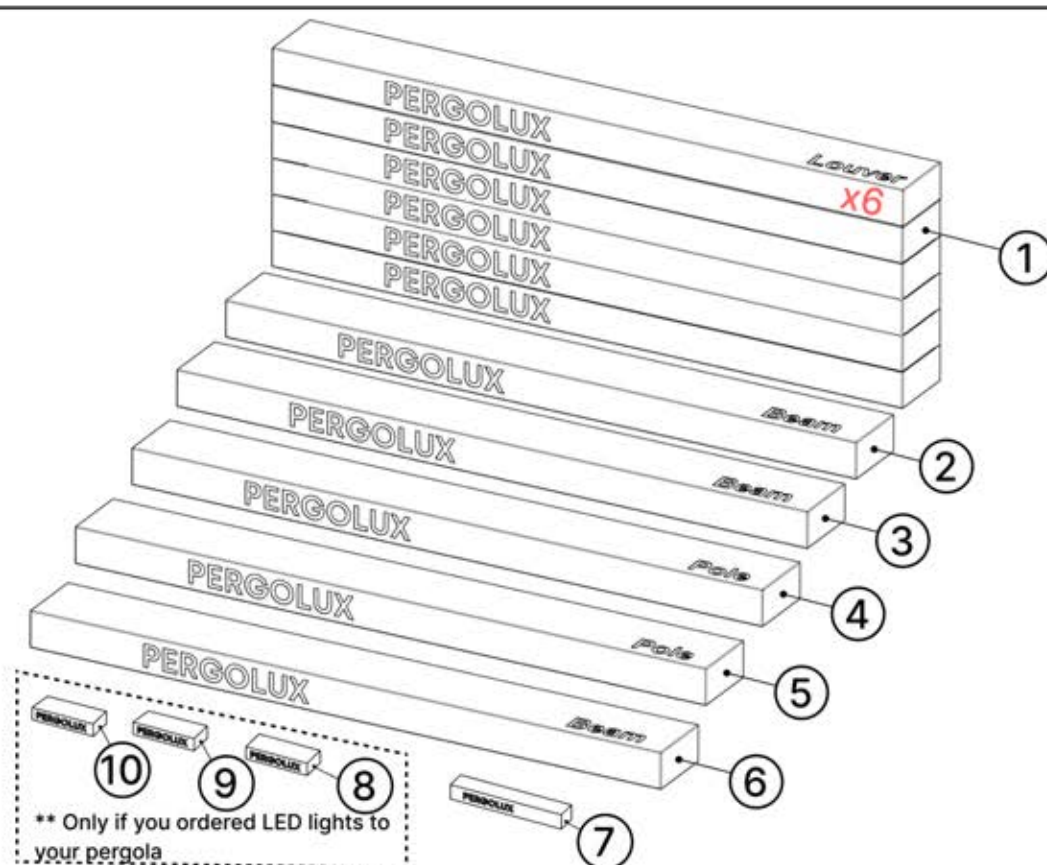


3mm, 4mm, 5mm



TX15, TX20, TX25, TX30

ITEMS IN BOX



ORDER	ANTHRACITE	WHITE	BLACK
①	L198	L202	L200
②	B215	B219	B217
③	B199	B207	B203
④	C123	C125	C124
⑤	C120	C122	C121
⑥	B227	B231	B229
⑦	MANUAL MOTOR	MANUAL MOTOR	MANUAL MOTOR

** Only if you ordered LED lights to your pergola			
⑧	CONTROL BOX		
⑨	POWER CABLE		
⑩	LED BOX		

ITEMS IN BOX



1

ANTHRACITE

WHITE

BLACK

L198

L202

L200



PN-200002893

36x



2

ANTHRACITE

WHITE

BLACK

B215

B219

B217



PN-200002889

1x

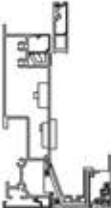
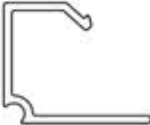
PN-200002890

1x

Premounted
PN-200002898

 $2x$

ITEMS IN BOX

	ANTHRACITE WHITE BLACK		
	3	B199	B207 B203
		PN-200002868	1x
		PN-200002873	1x
		PN-200002867	1x
		PN-200002863	1x
		PN-200002865	1x
		PN-200003334	1x

ITEMS IN BOX



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



ANTHRACITE

WHITE

BLACK

3

B199

B207

B203



PN-200002866

1x



PN-20000

3335

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



PN-200000560

14x



PN-20000

3481



PN-200003384

1x



PN-20000

3414



PN-200000731

2x



PN-200000732

2x



PN-200000668

4x



PN-200000415

8x



PN-20000

3302



PN-200001514

4x



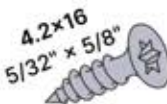
PN-200003322

1x



PN-200003323

1x



PN-200000840

18x

ITEMS IN BOX



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



ANTHRACITE	WHITE	BLACK
------------	-------	-------

B199	B207	B203
------	------	------



PN-20000
3319



PN-200003370
1x



PN-200003368
2x



PN-200000502
1x



PN-200000561
1x



PN-200003318
1x



PN-200003367
1x



PN-200000853
2x



PN-200003317
1x



PN-200000511
2x



PN-20000
3279



PN-200000568
32x



PN-20000
3307



PN-200000510
6x



PN-20000
3309



PN-200003308
2x



PN-200003324
2x



PN-200000669
6x



PN-200000655
6x

ITEMS IN BOX



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



ANTHRACITE

WHITE

BLACK

3

B199

B207

B203



PN-20000
3604



PN-200002709

4x



PN-200000958

2x



PN-200000668

2x



PN-20000
3311



PN-200002793

2x



PN-200003034

4x



PN-20000
3278



PN-200003033

2x



PN-200003031

1x

PN-200003030

1x



PN-200001207

2x



PN-20000
3320



PN-200000826

2x



PN-20000
3303



PN-200002706

4x



PN-20000
3281



PN-200002622

4x



PN-20000
3602



PN-200000826

3x



PN-200000680

8x



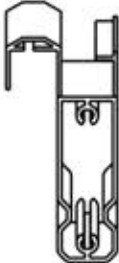
PN-200001340

1x

ITEMS IN BOX

PERGOLUX PN-200002782 4 ANTHRACITE WHITE BLACK C123 C125 C124			
PN-200002782 1x PN-200002783 1x PN-200002785 1x			
PERGOLUX PN-200002606 5 ANTHRACITE WHITE BLACK C120 C122 C121			
PN-200002606 2x PN-200003386 2x PN-200002614 2x			

ITEMS IN BOX

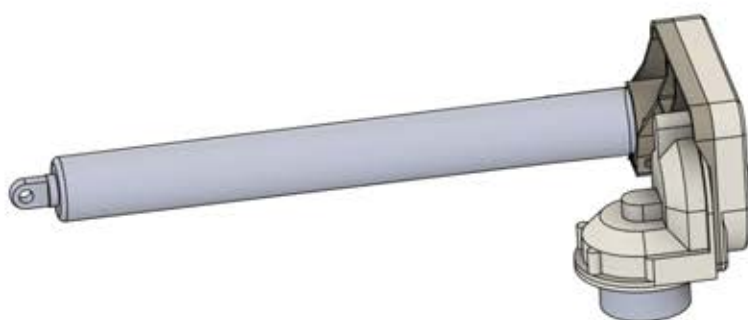
	ANTHRACITE WHITE BLACK		
	6	B227	B231 B229
		PN-200003416 1x	
		PN-200002892 1x	
		PN-200002893 1x	

ITEMS IN BOX



7

MANUAL MOTOR



Manual motor
PN-200001563
1x



PN-200001623

1x



PN-200001624

1x



PN-200001625

2x



Hand crank

1x

ITEMS IN BOX



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



8

CONTROL BOX



Control box

1x



Matter antenna clip

1x



PN-200002684

10x



PN-200002683

5x



QR-code

1x



3M tape

1x



PN-200002756

1x



PN-200002754

1x



PN-200002758

1x



PN-200002753

2x



PN-200002759

2x



PN-200002757

1x

ITEMS IN BOX



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



9

POWER CABLE



Power Cable
PN-200003781

1x



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



10

LED BOX



LED Light Strip

4x



All electric parts should be tested before installation.

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

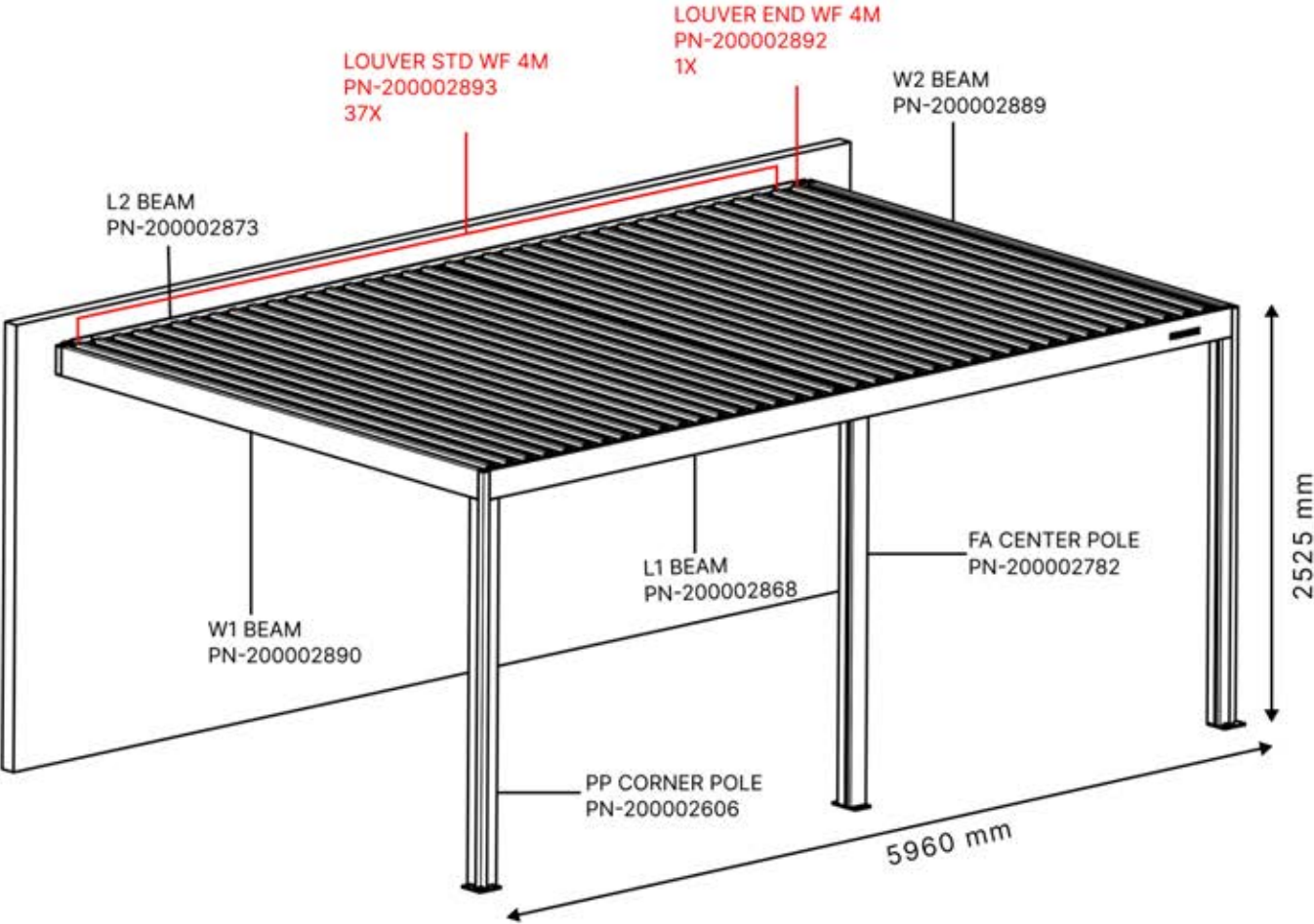
Matter + Smart home can be connected at anytime by simply scanning the QR code provided



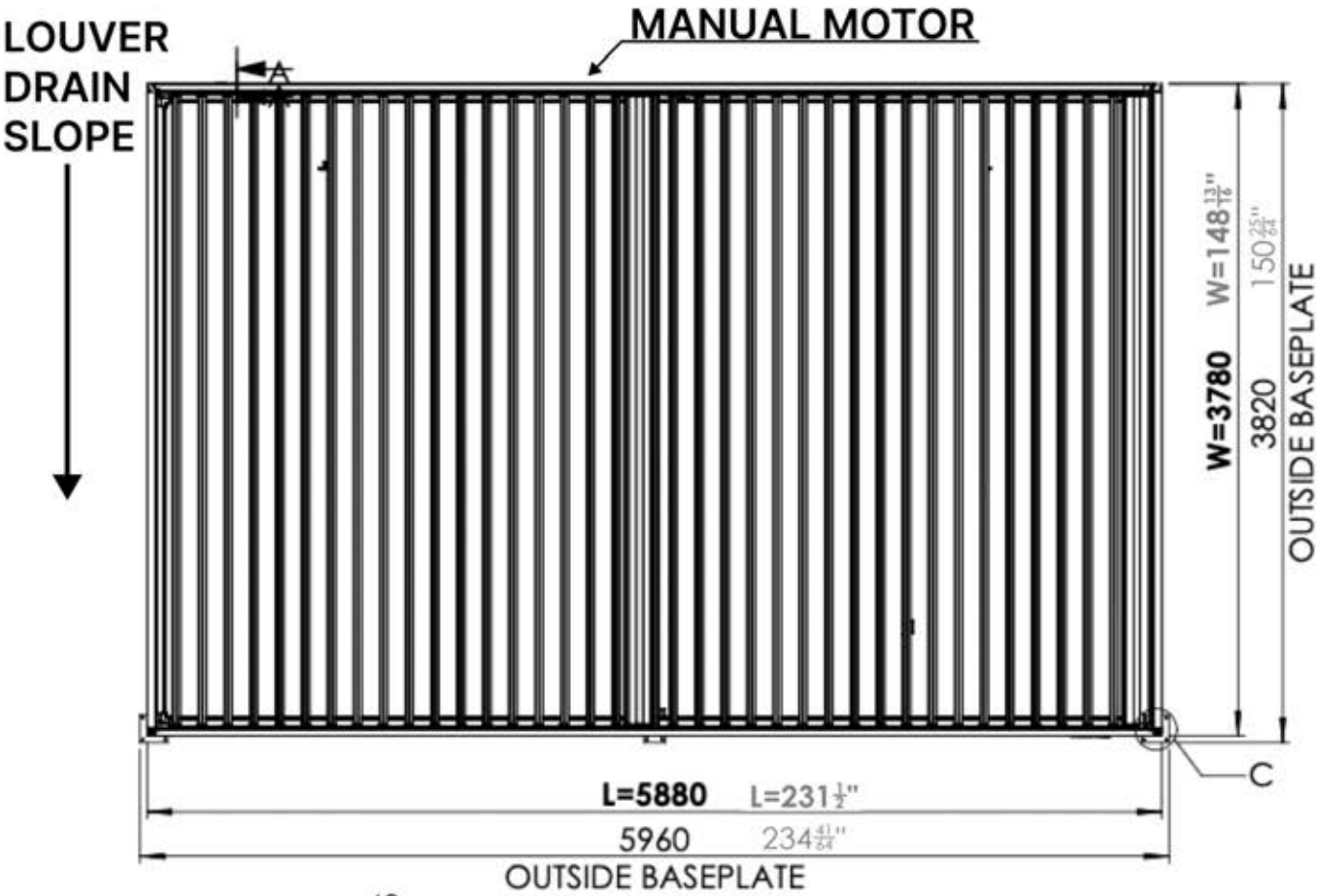
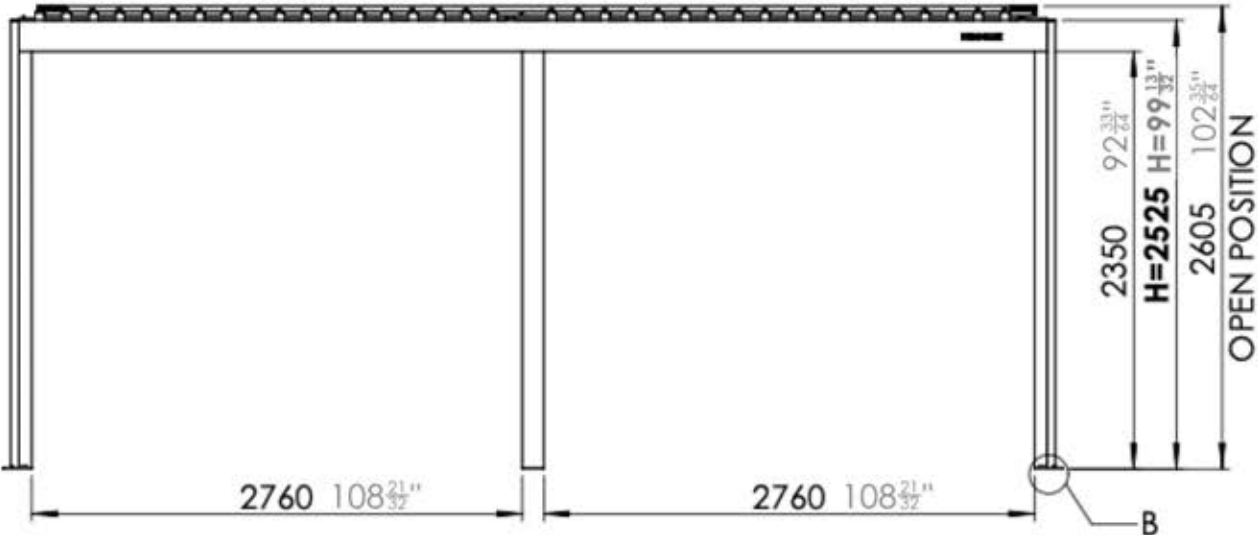
CONTROL BOX

[View Manual](#)

4 × 6 M / 13'x19'



4 × 6 M / 13'x19'



INFORMATION

Are you going to install slat walls or glass walls?

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

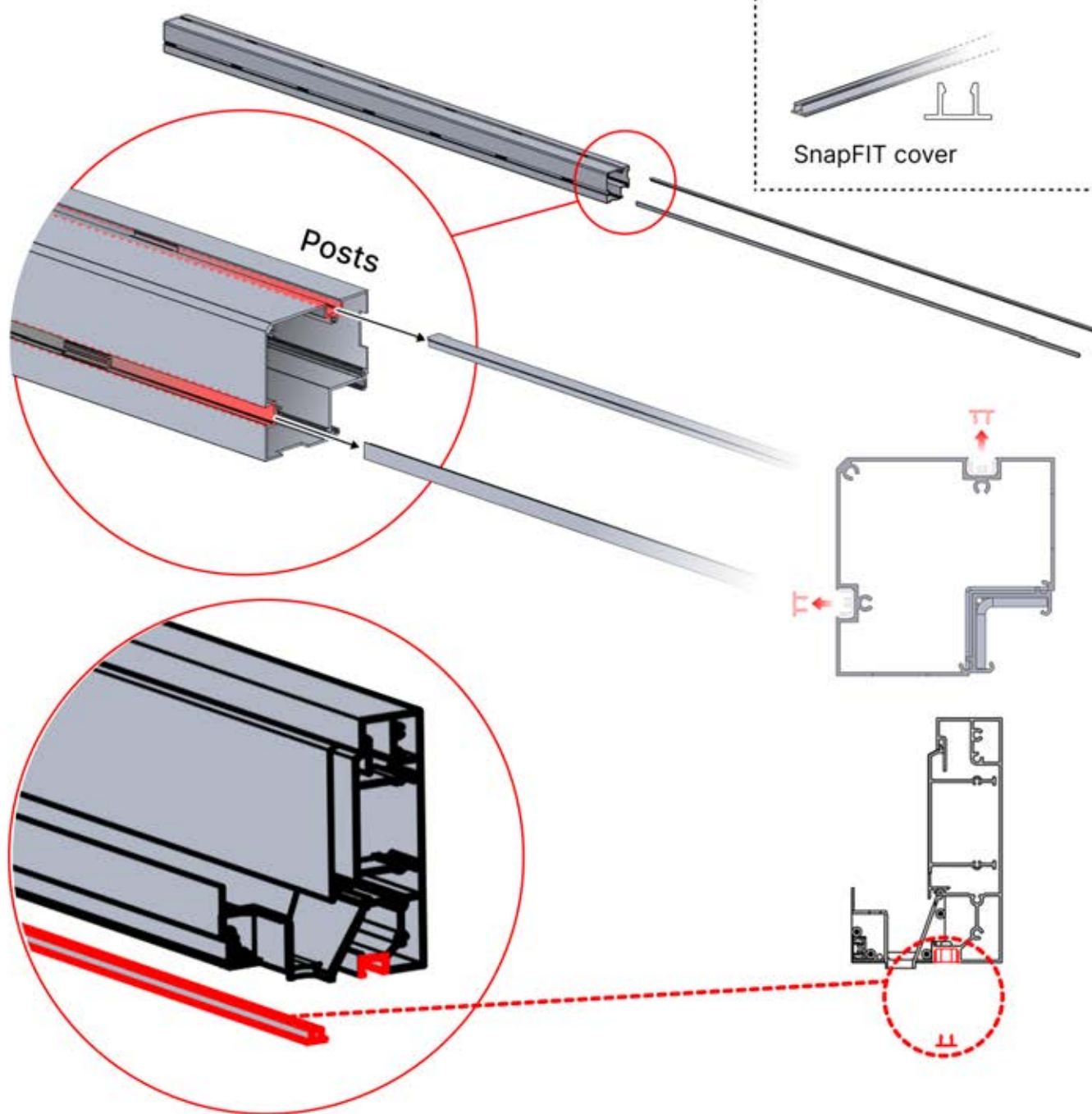
Cover and clips



PN-200000512
SnapFIT cover clip



SnapFIT cover



INFORMATION

Are you installing a heater, fan or LED lights?

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

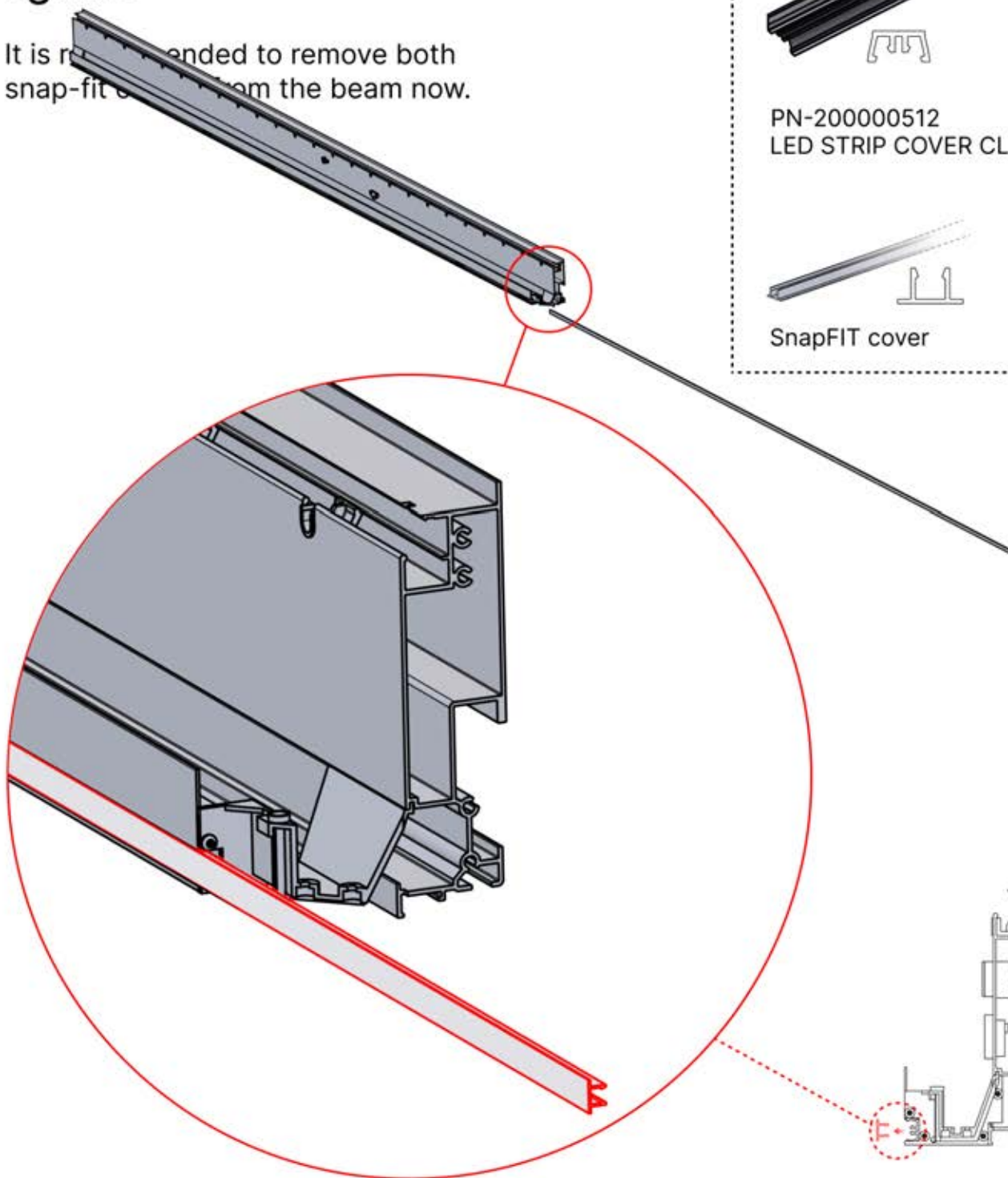
Cover and clips



PN-200000512
LED STRIP COVER CLIP



SnapFIT cover



INFORMATION



2

ANTHRACITE: B215
WHITE: B219
BLACK: B217



3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



1x



1x



1x



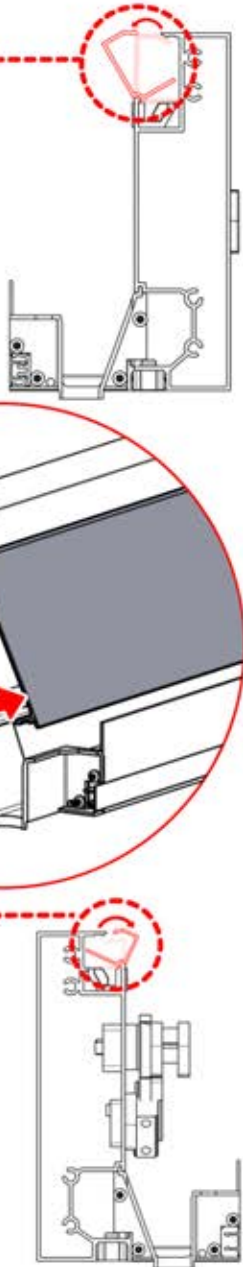
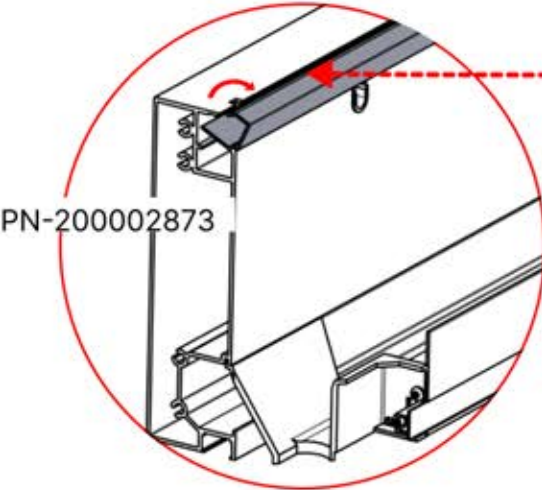
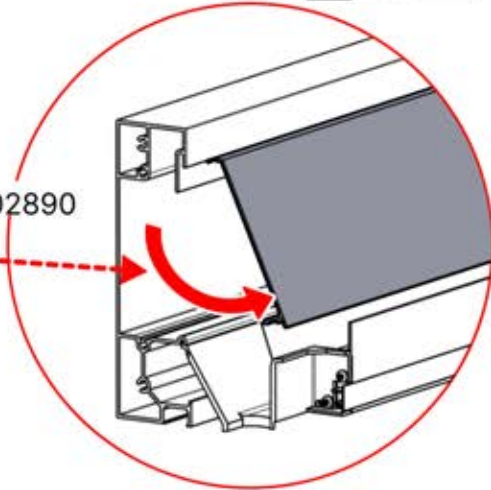
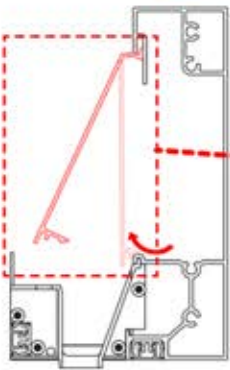
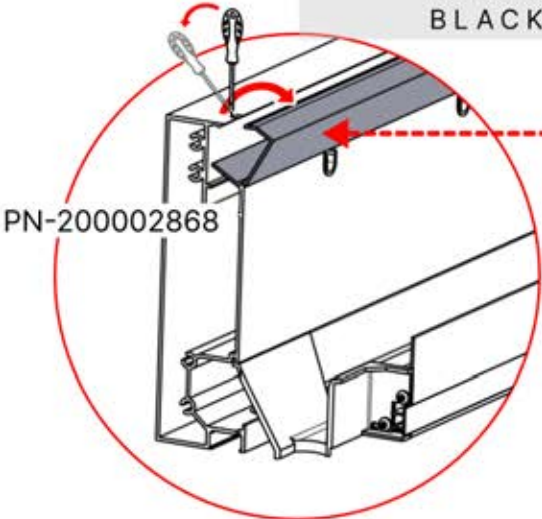
1x

PN-200002889

PN-200002890

PN-200002868

PN-200002873



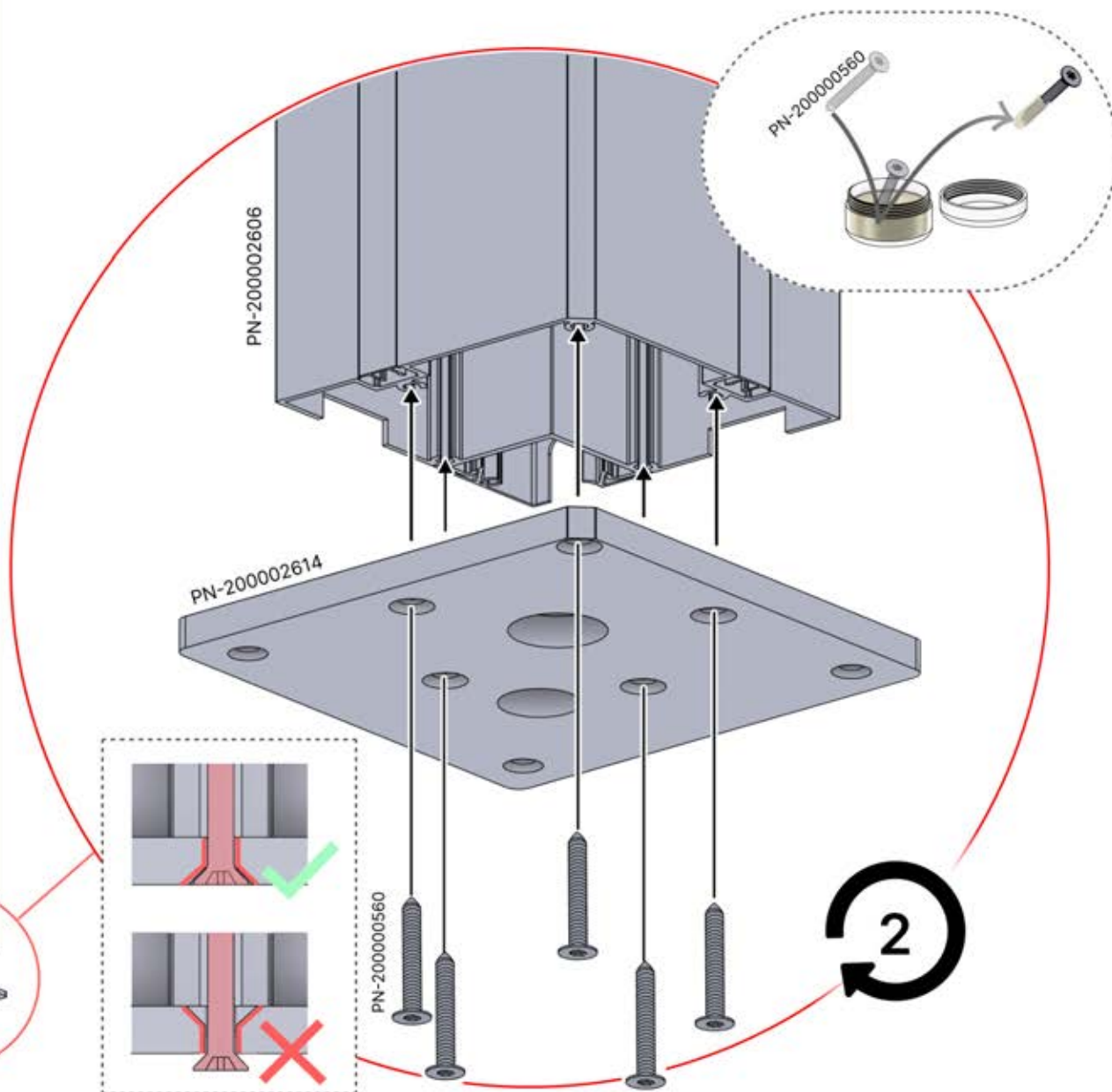
01



ANTHRACITE: B199
WHITE: B207
BLACK: B203



ANTHRACITE: C120
WHITE: C122
BLACK: C121

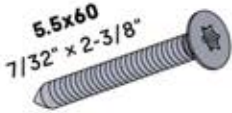


02

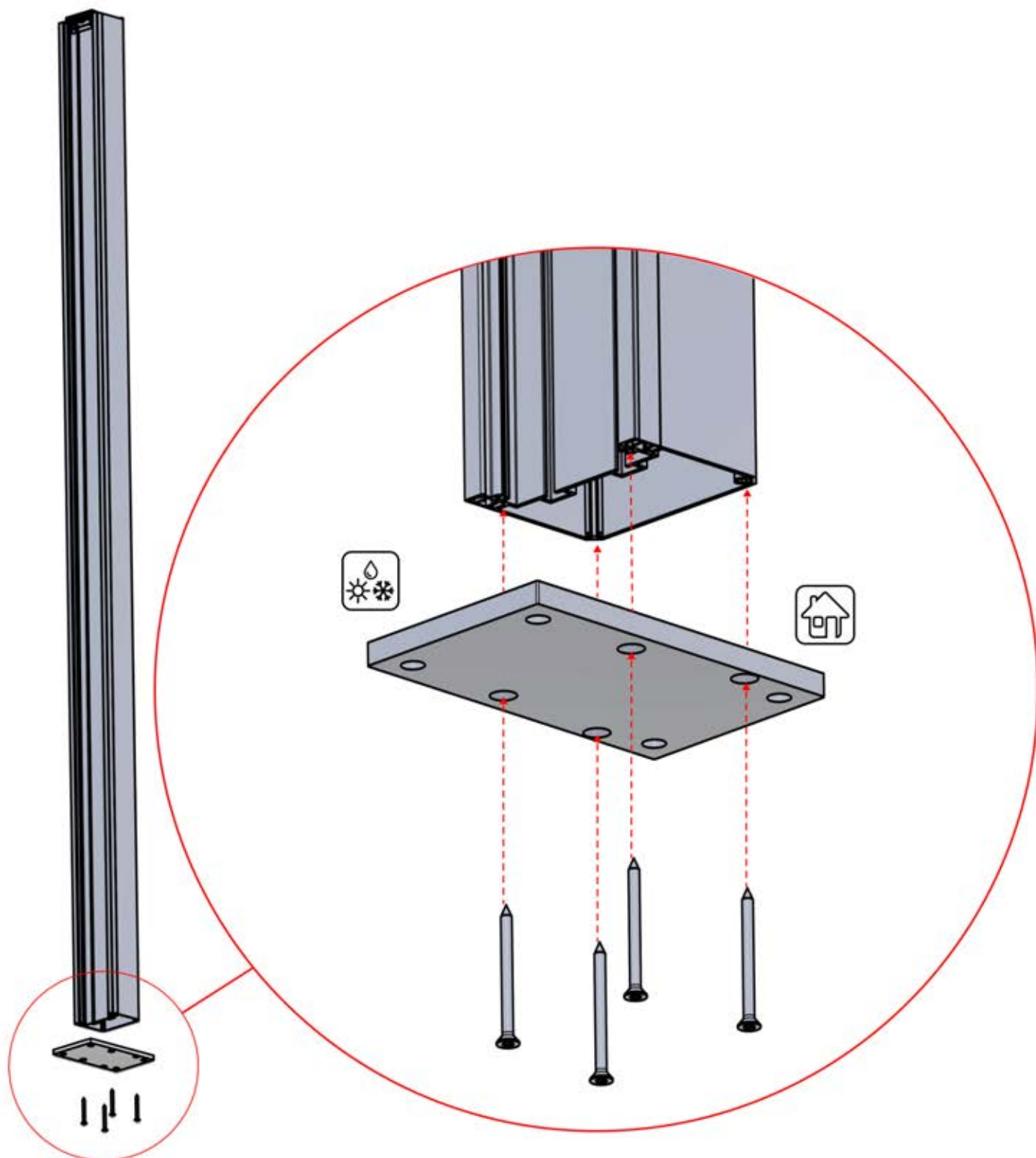
 **4**

ANTHRACITE: C123
WHITE: C125
BLACK: C124

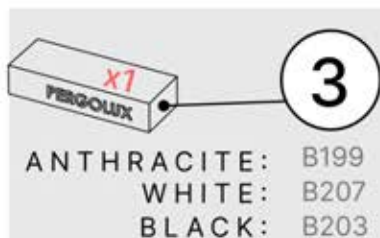
 PN-200002782
1x

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

PN-200000560
4x

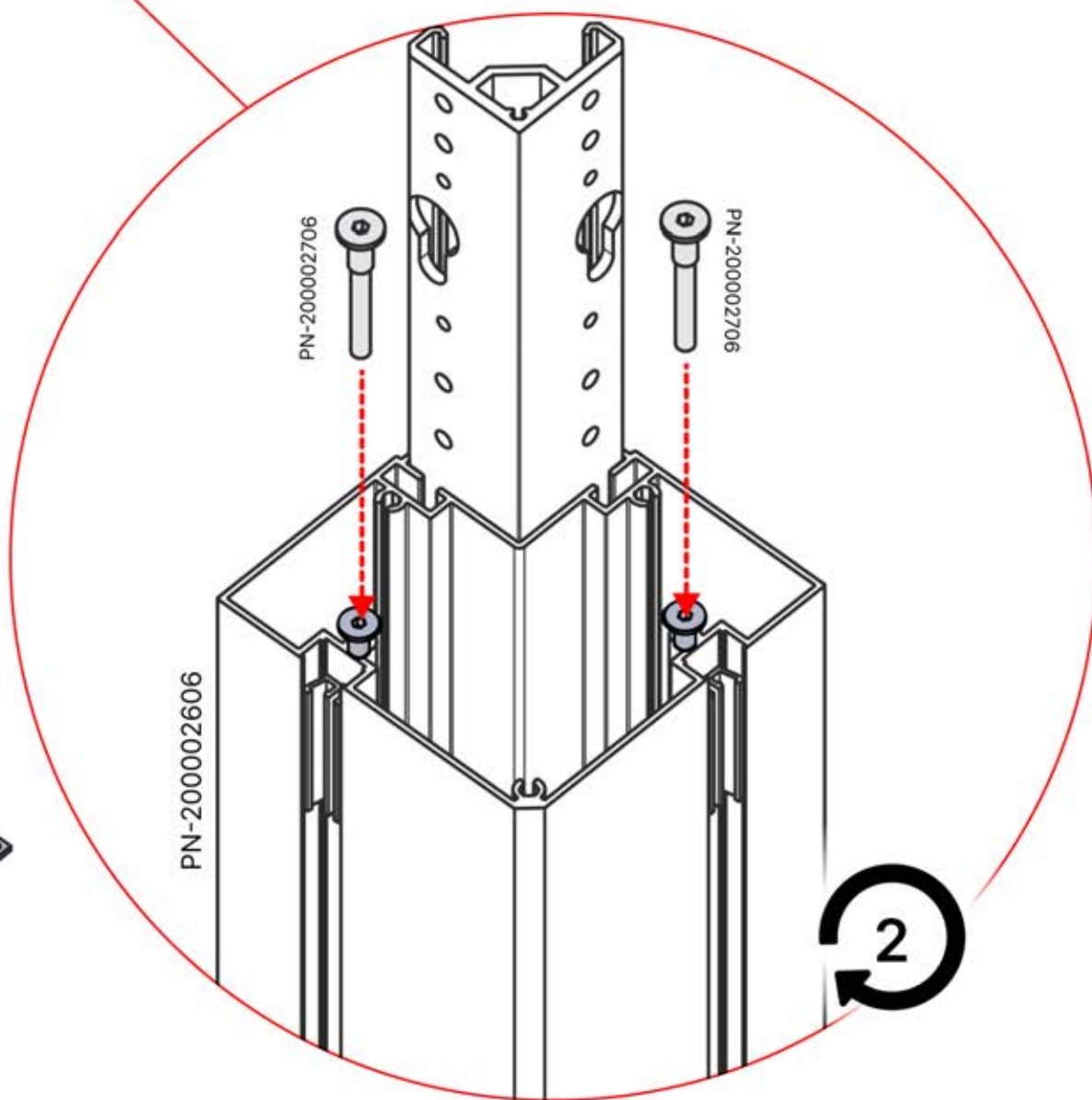
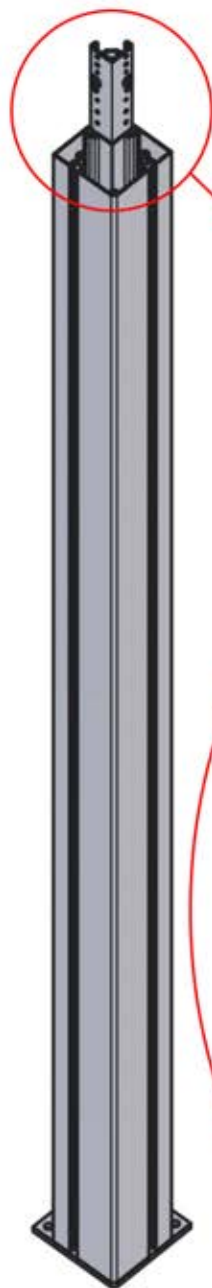


03



PN-200002706

4x



04



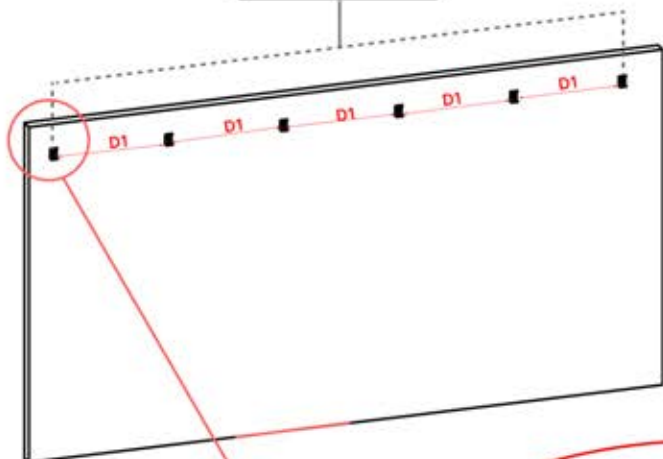
3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



PN-200000510
6x

4950 mm



x12



Install the first and last wall mount brackets (PN-200000510) 4950mm apart. Position the remaining brackets in between, ensuring they are evenly distributed.



D1

2356 mm
92 3/4"

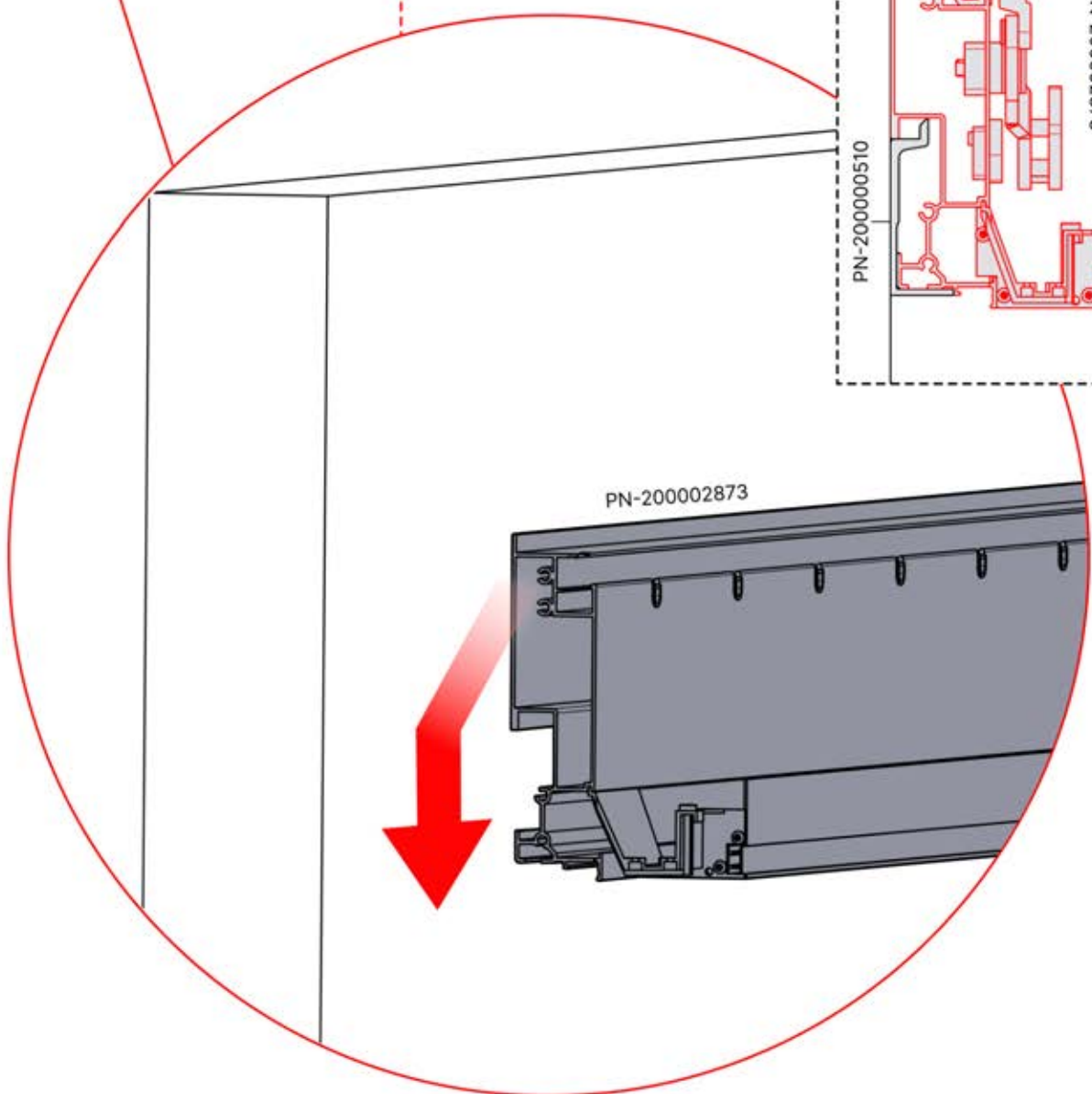
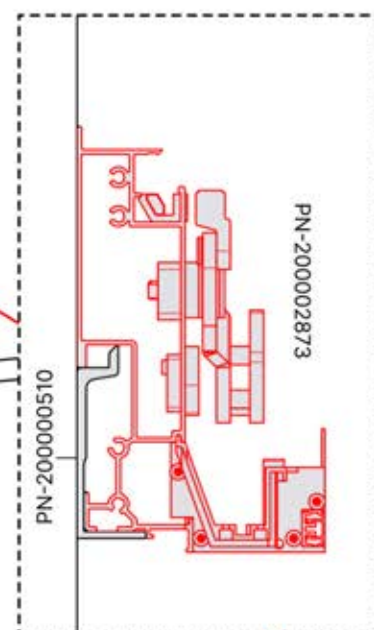
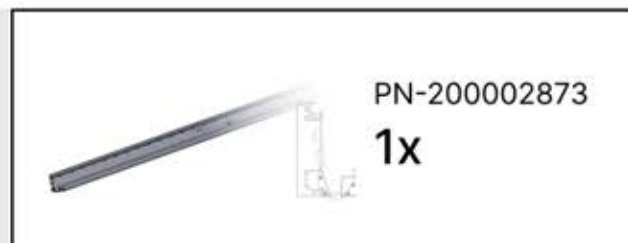


05

x1
FERGOWIX

3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



06



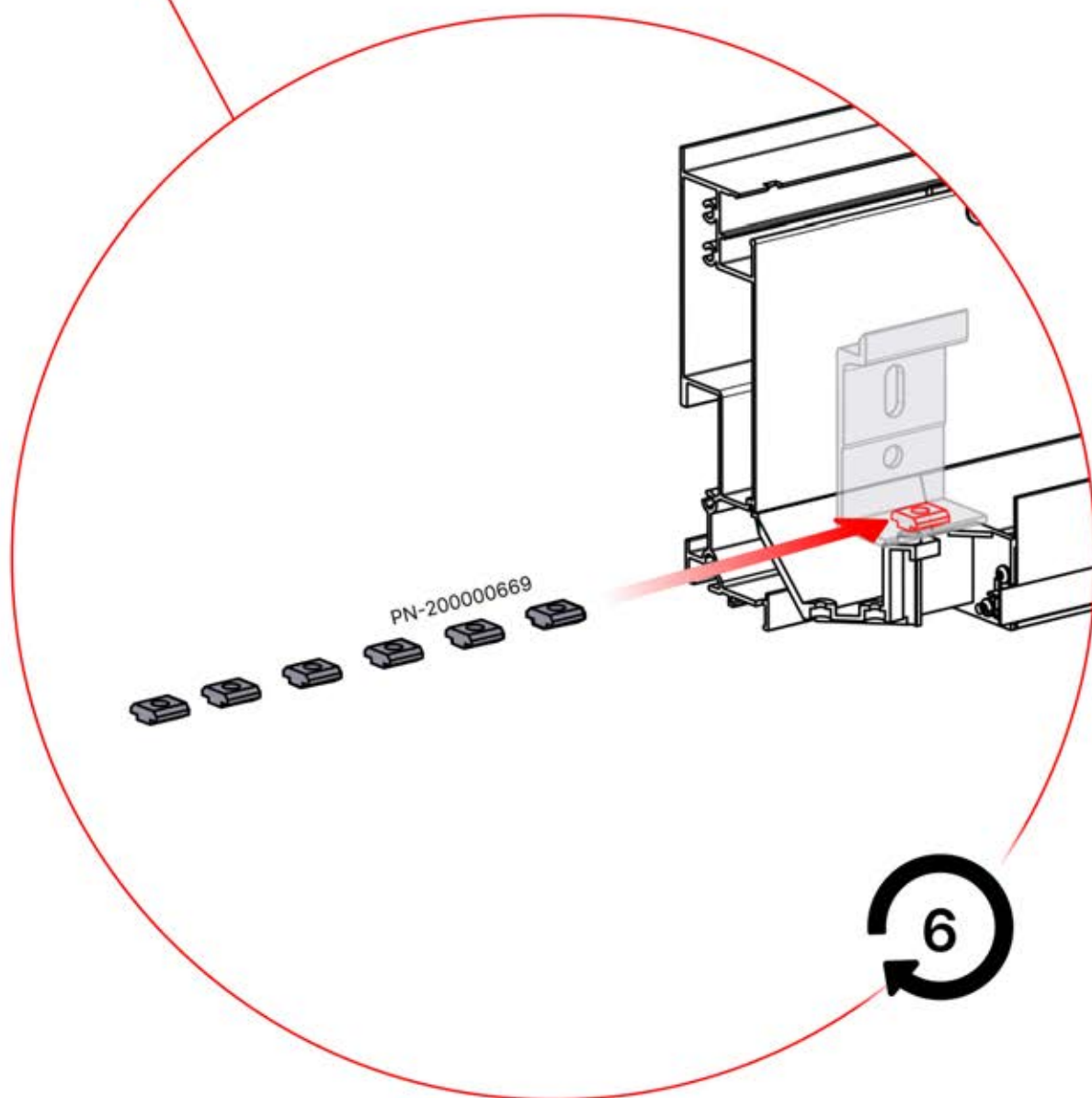
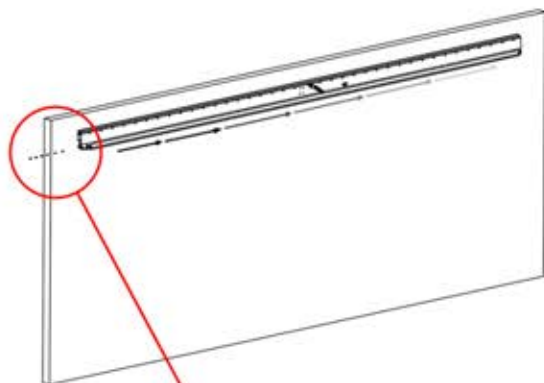
3

ANTHRACITE:	B199
WHITE:	B207
BLACK:	B203

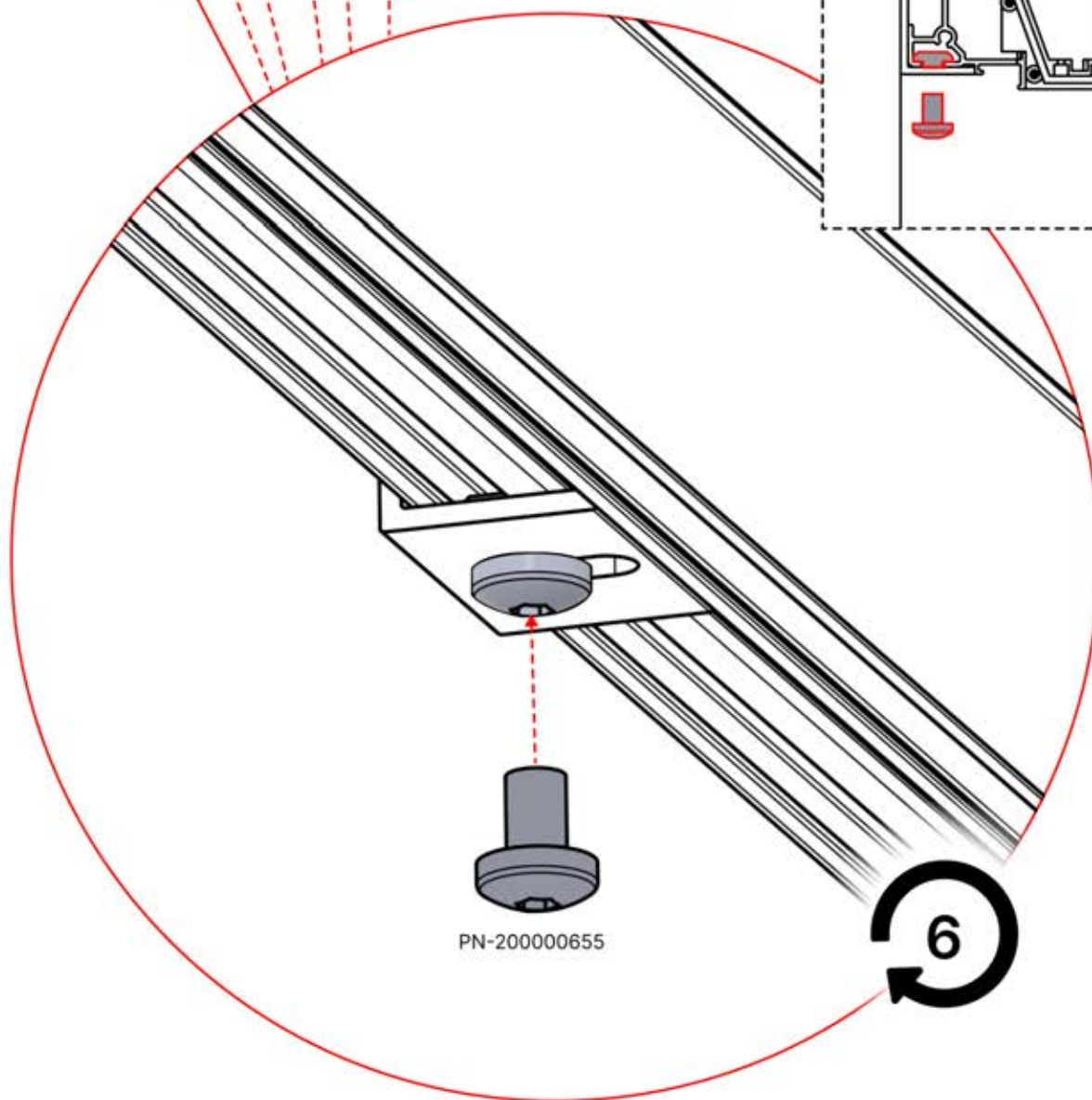
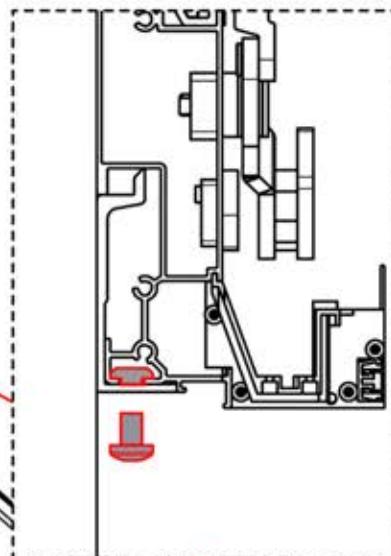
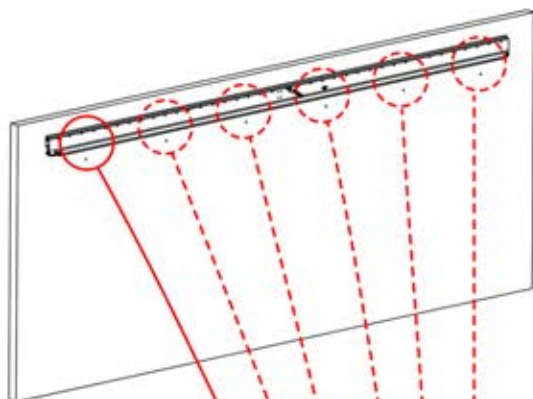
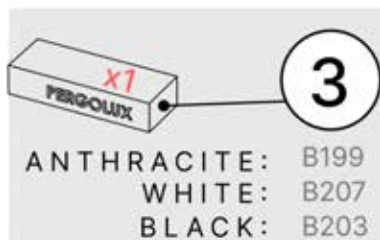


PN-200000669

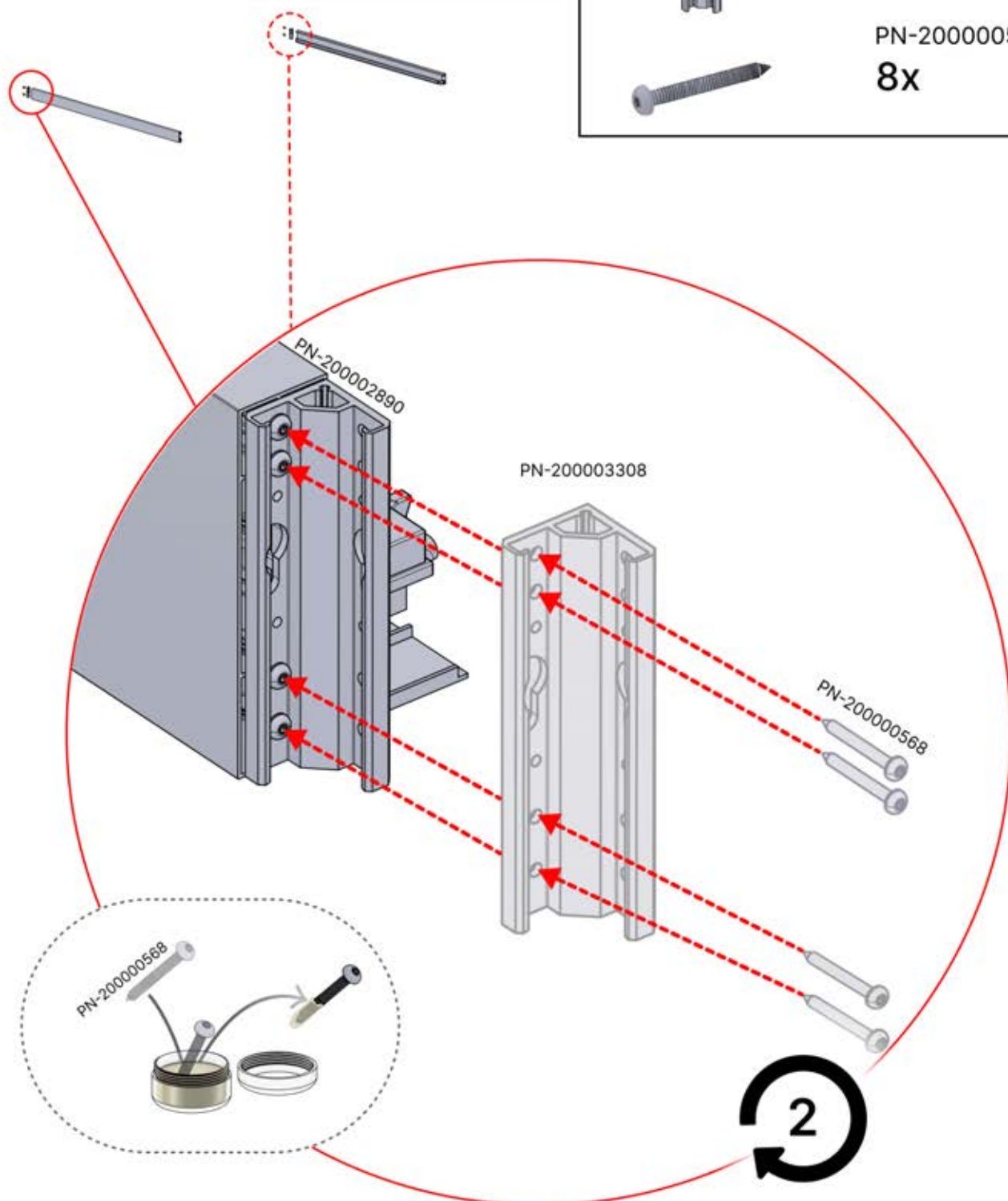
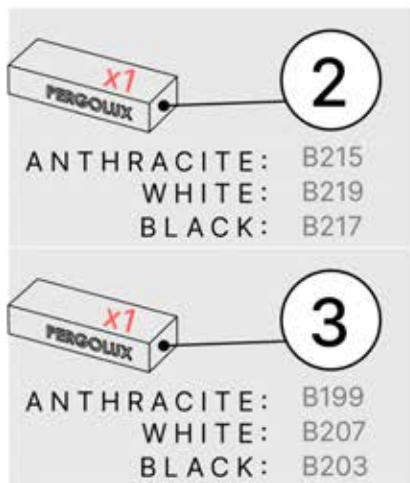
6x



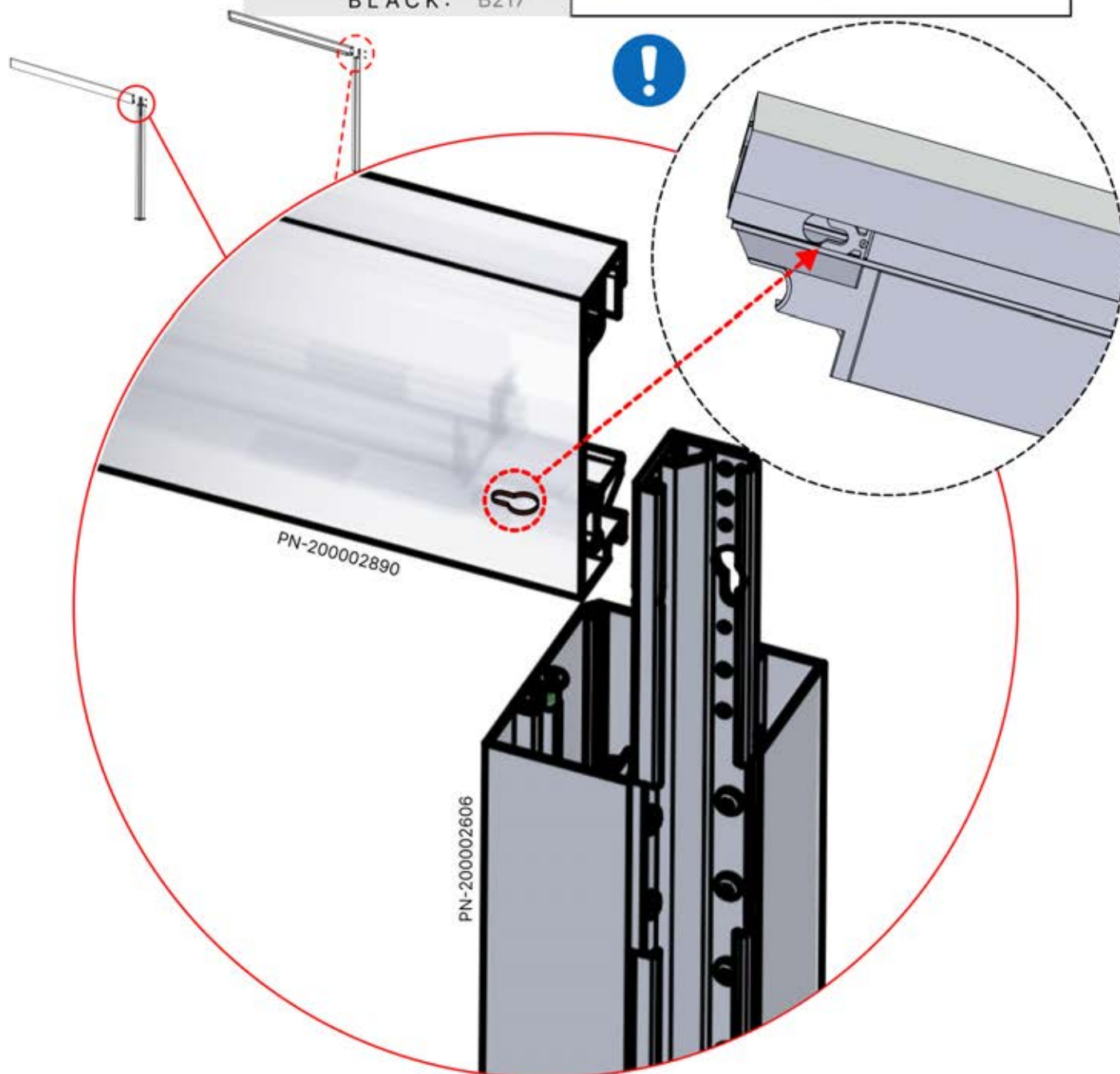
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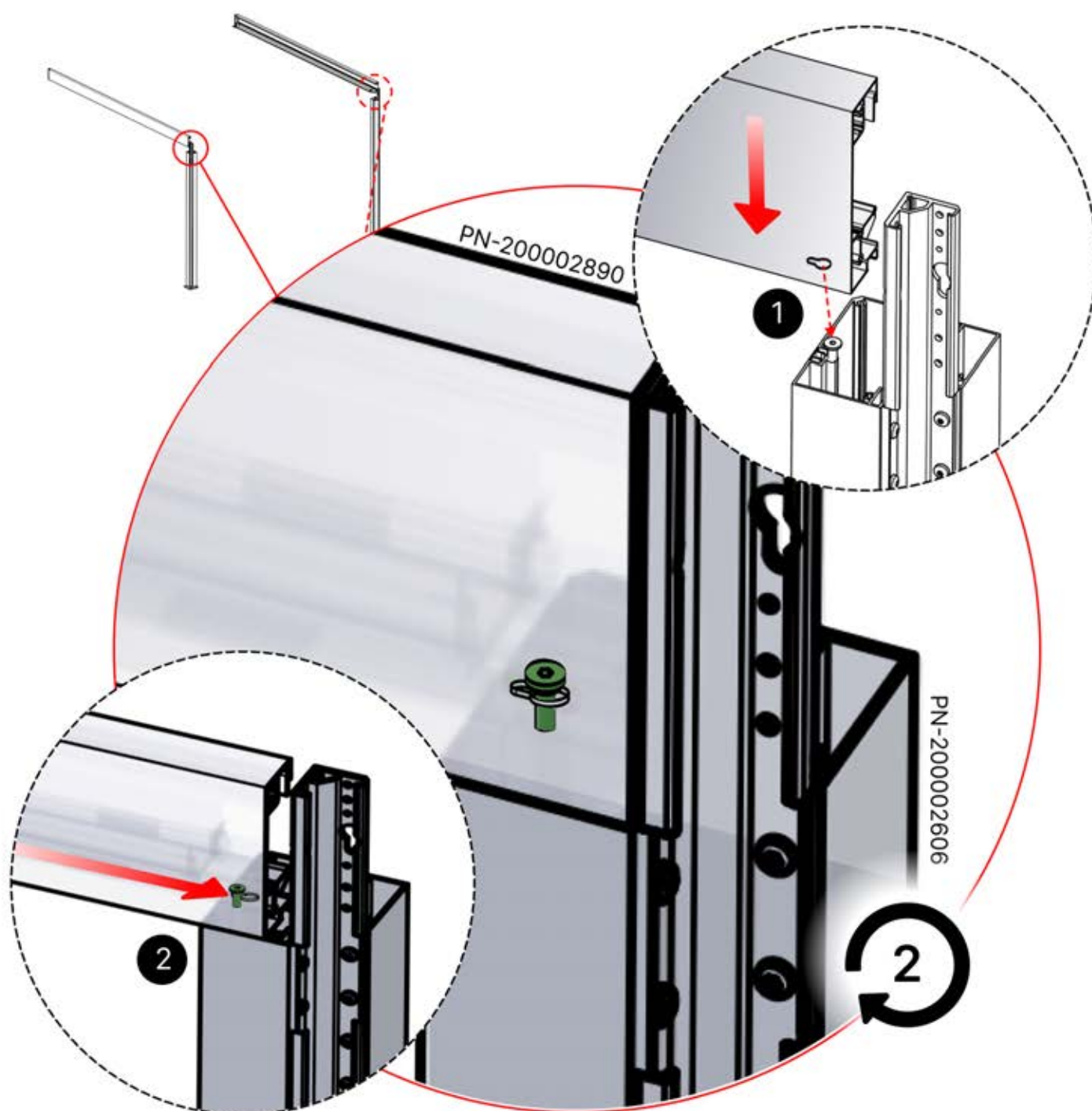
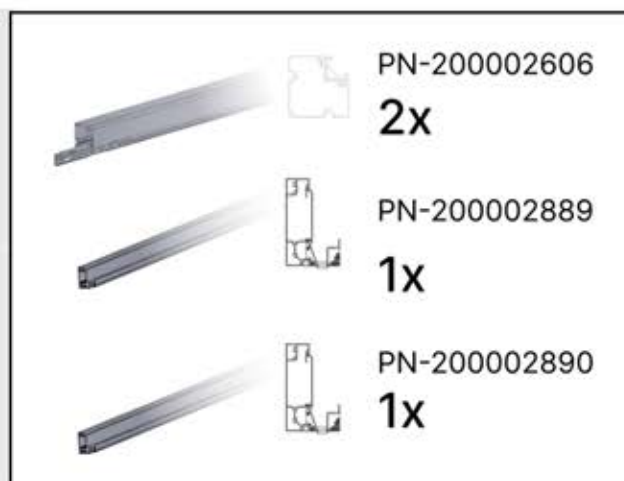
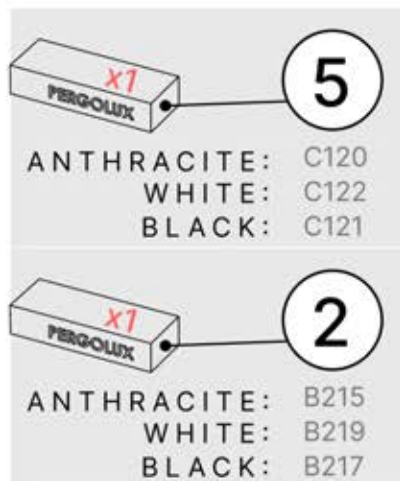
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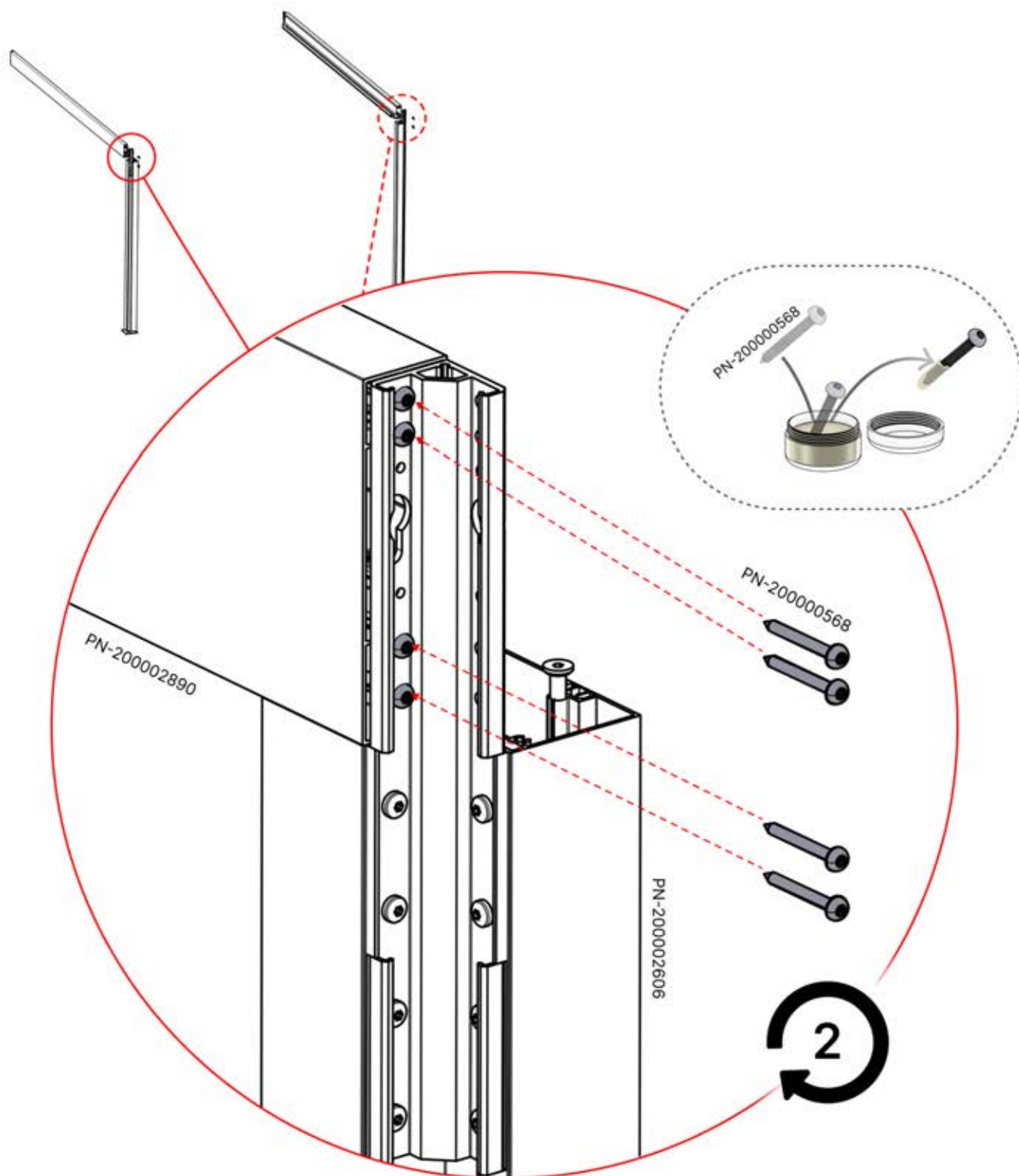
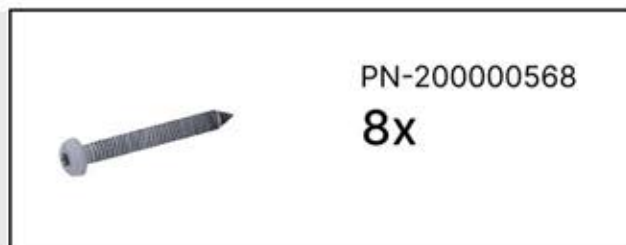
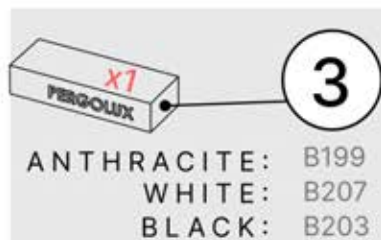
INFORMATION



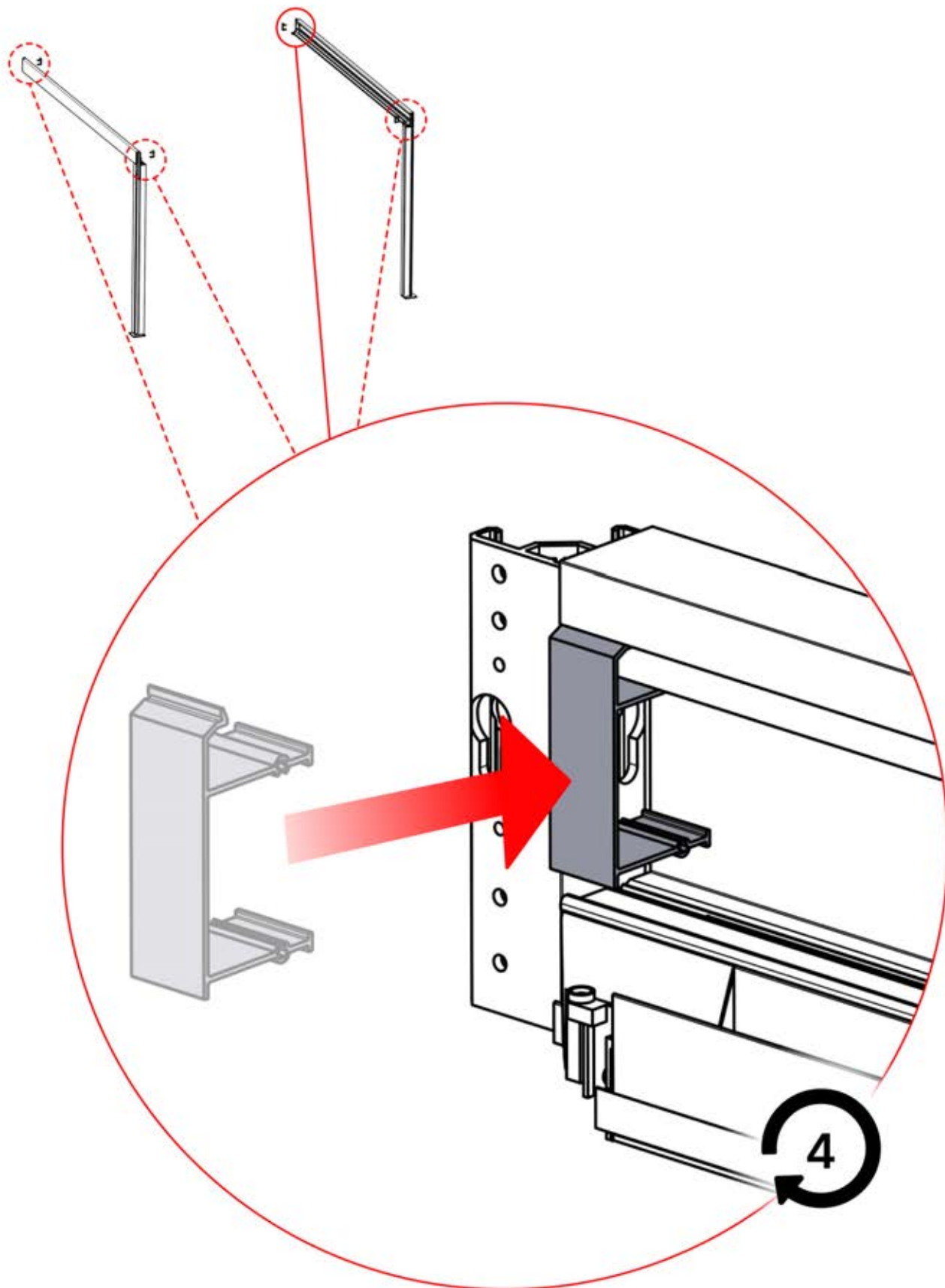
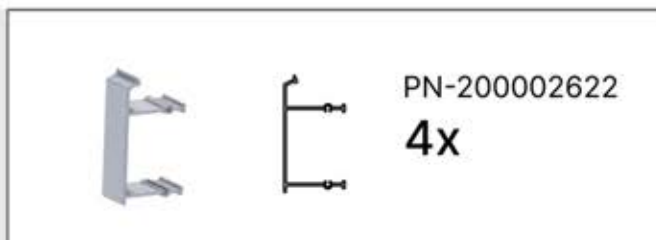
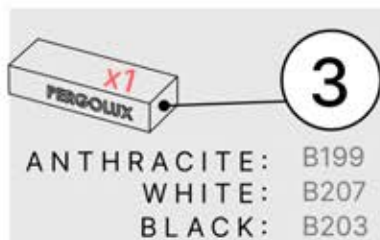
09



10



11

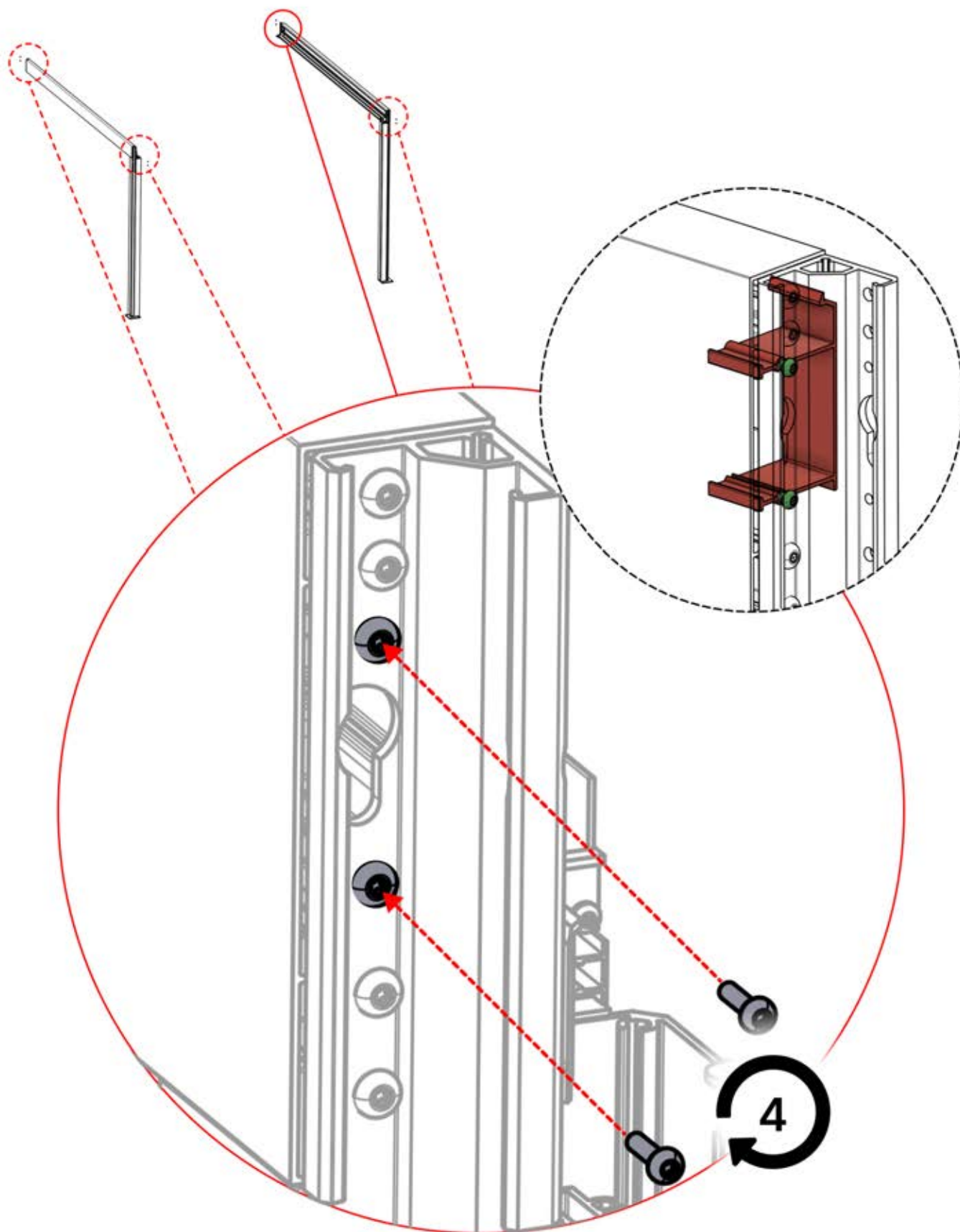


12

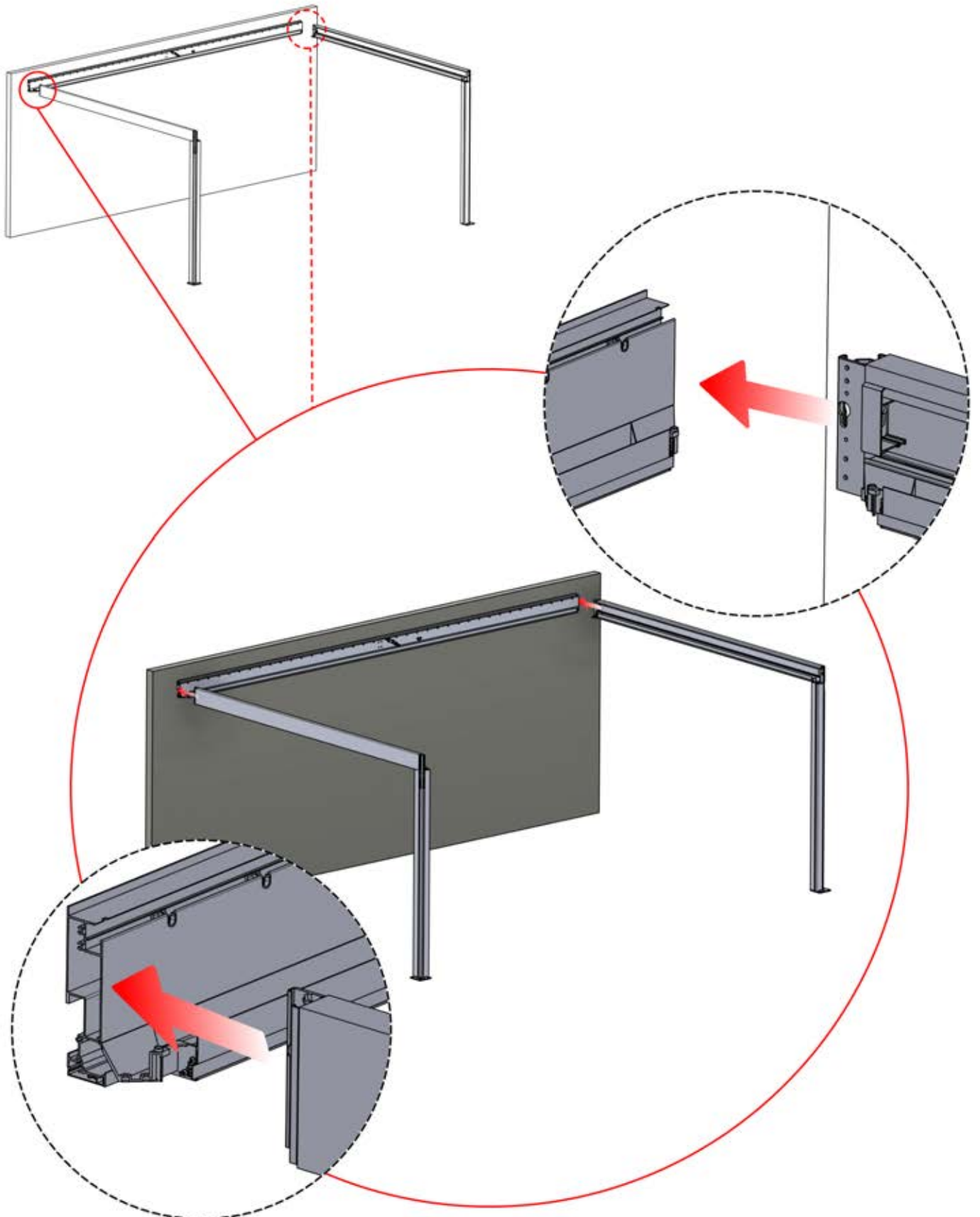
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WHITE: B207
BLACK: B203

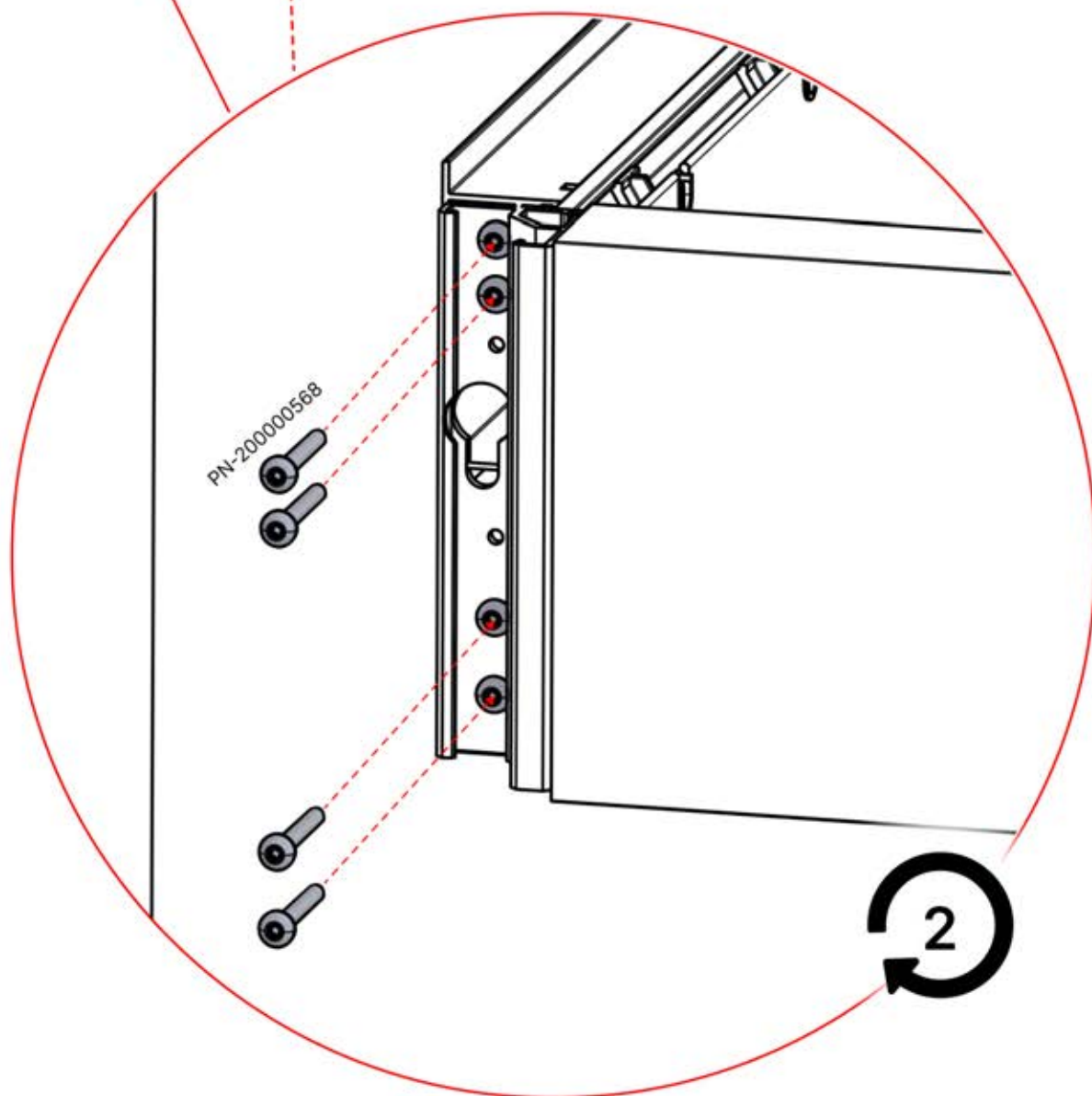
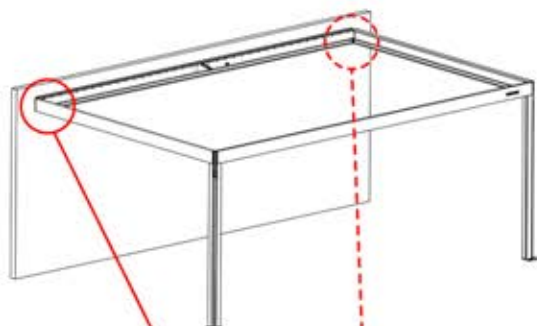
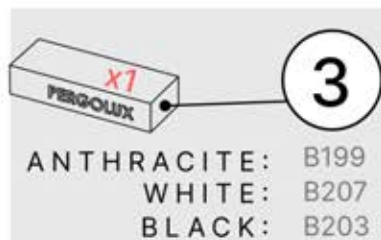
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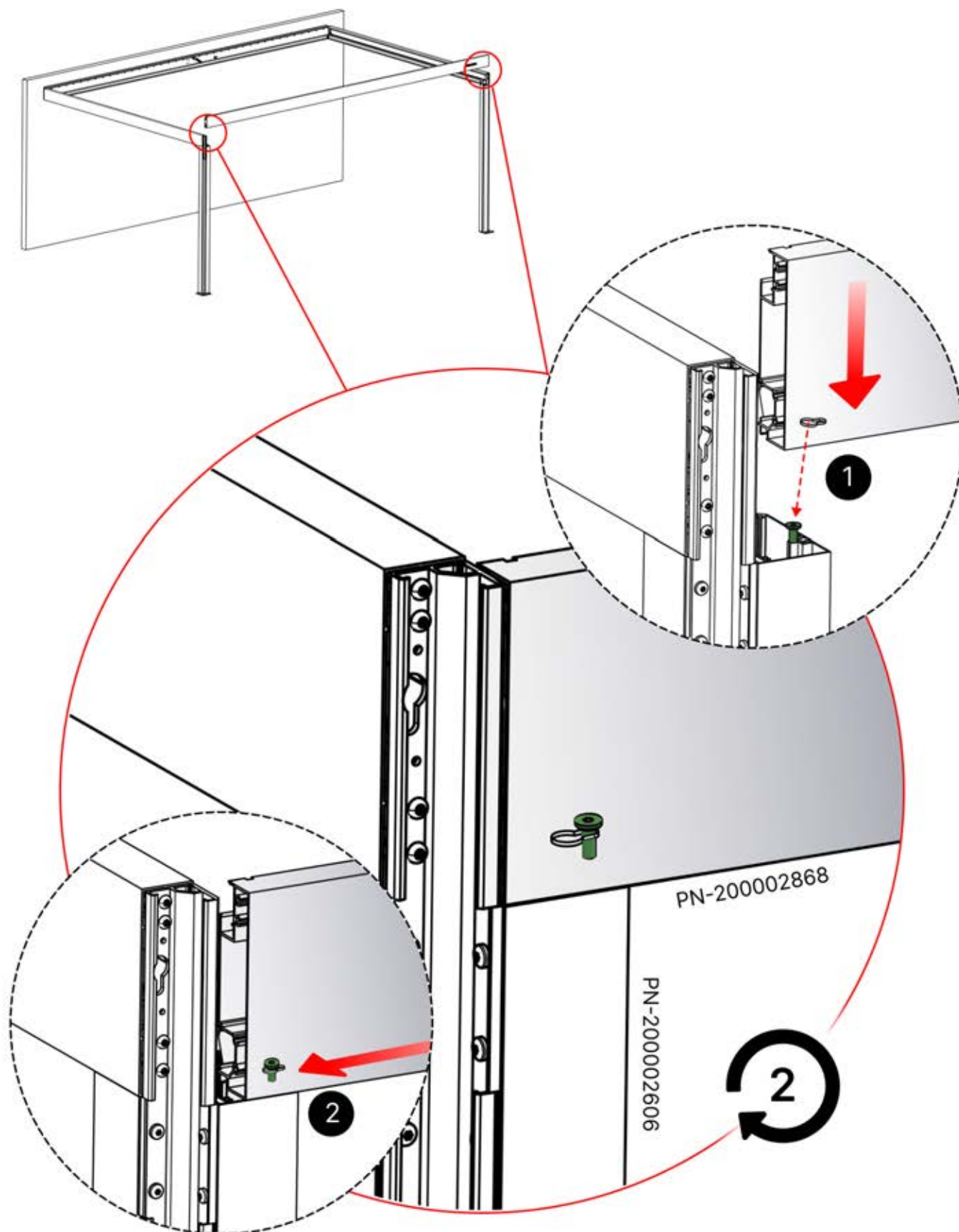
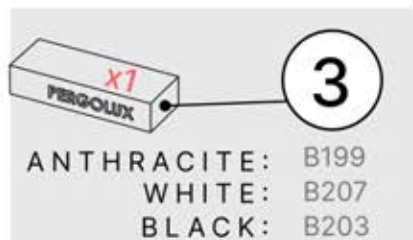
13



14



15



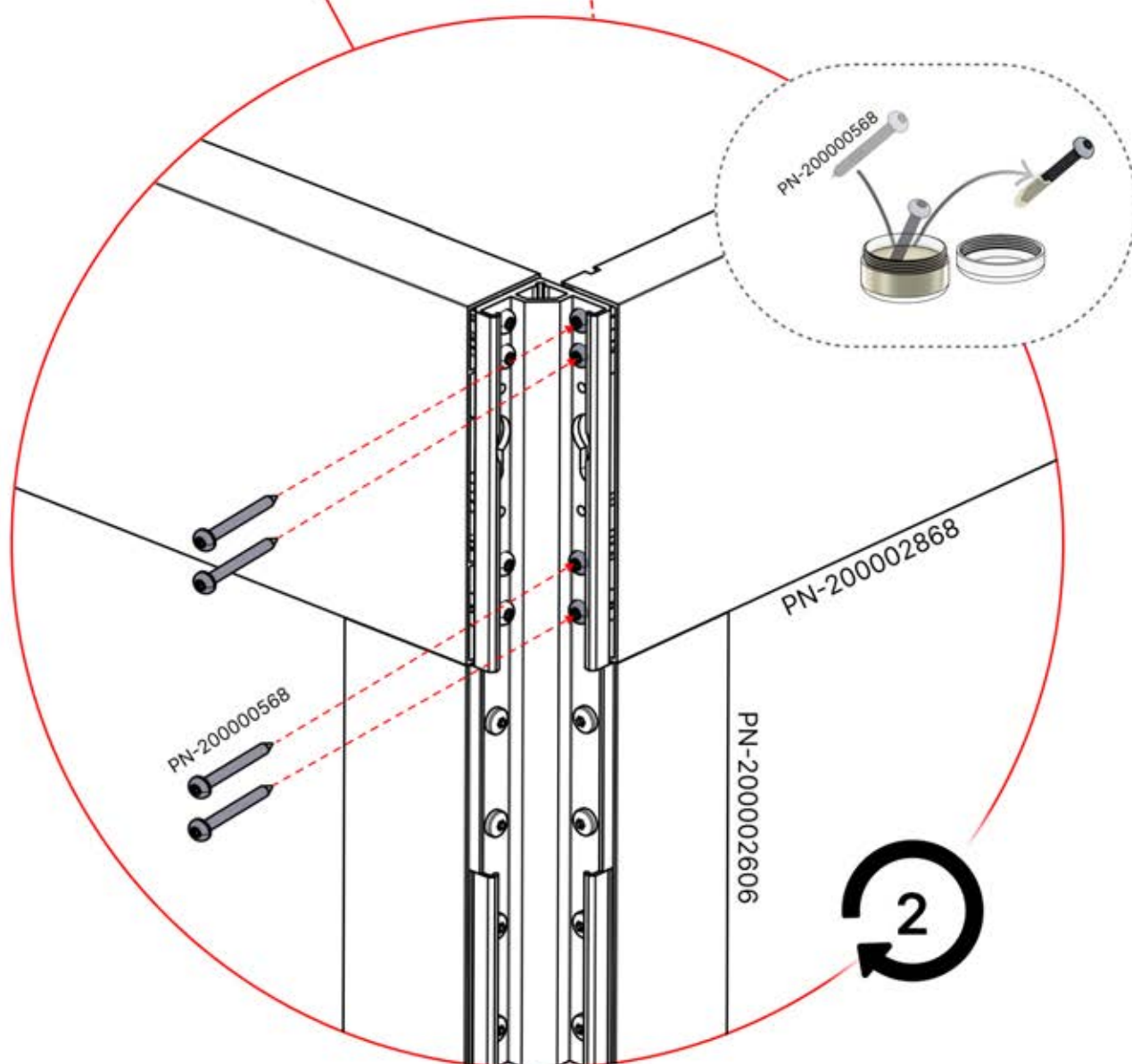
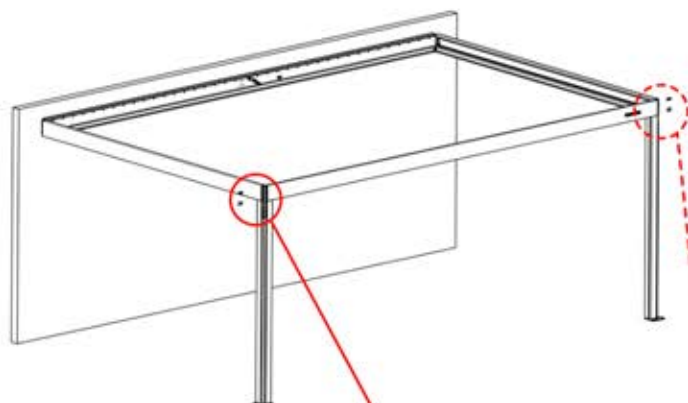
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3

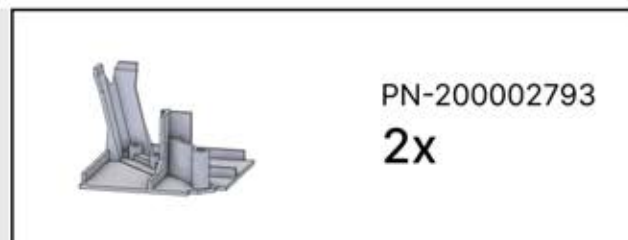
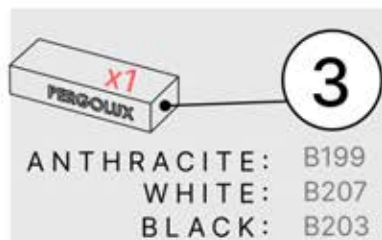
PERGOLUX **x7**

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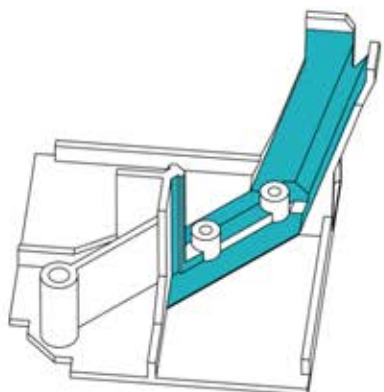
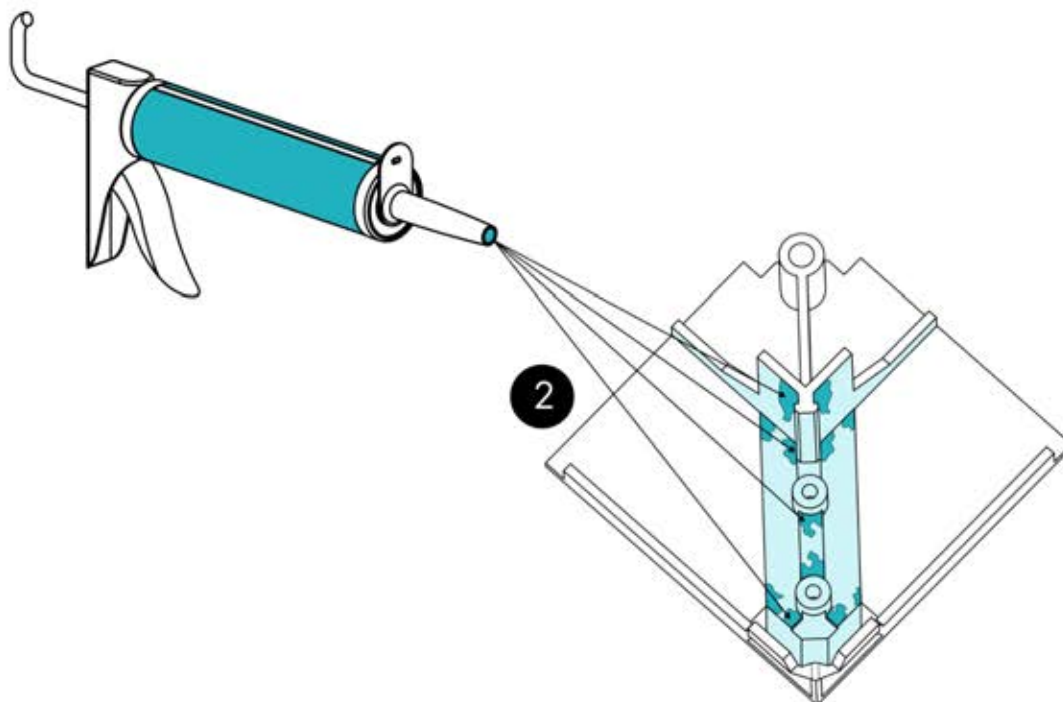
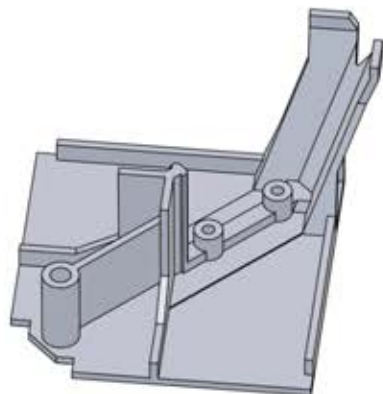
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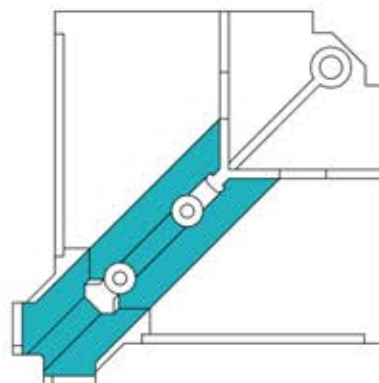
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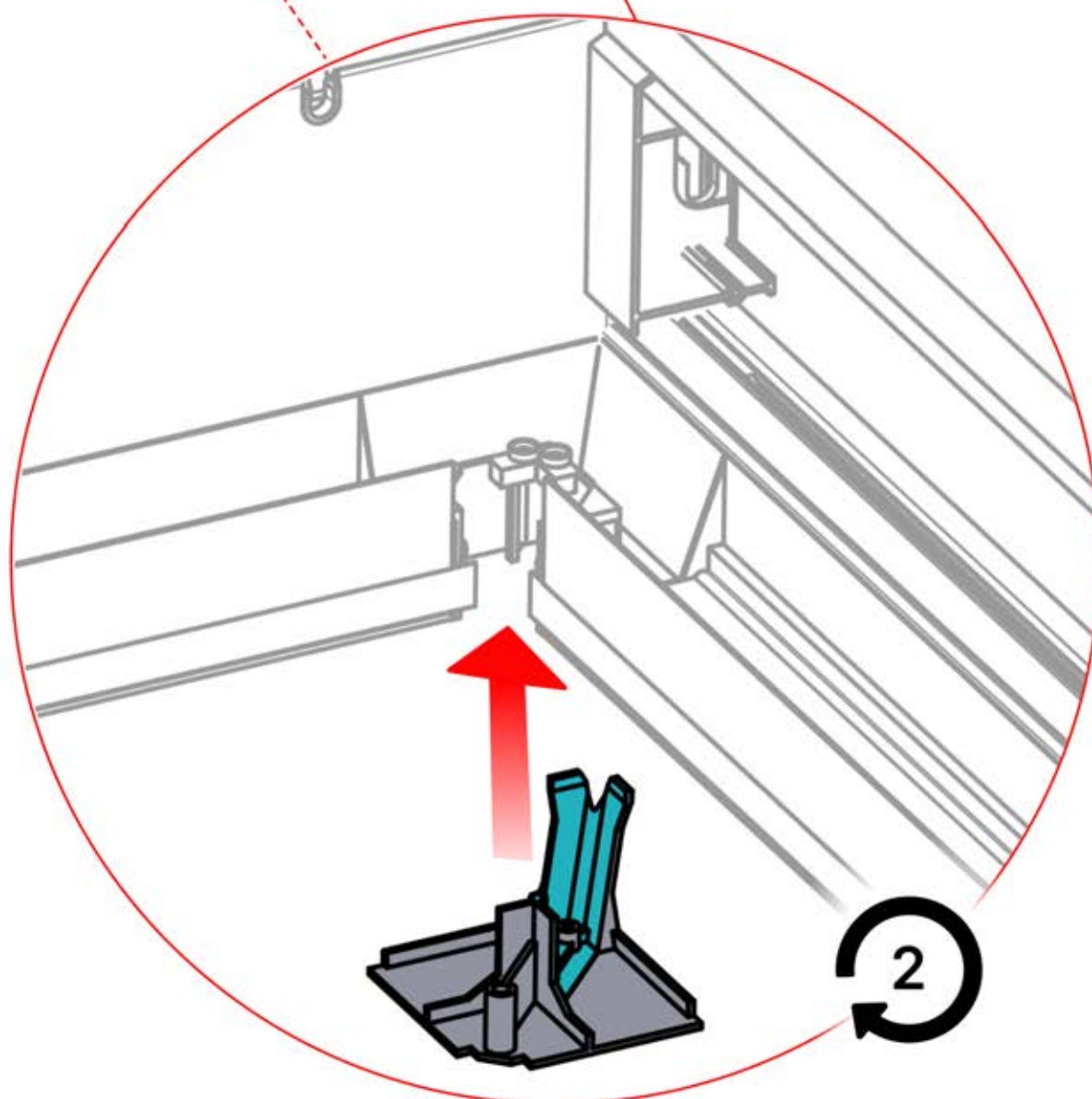
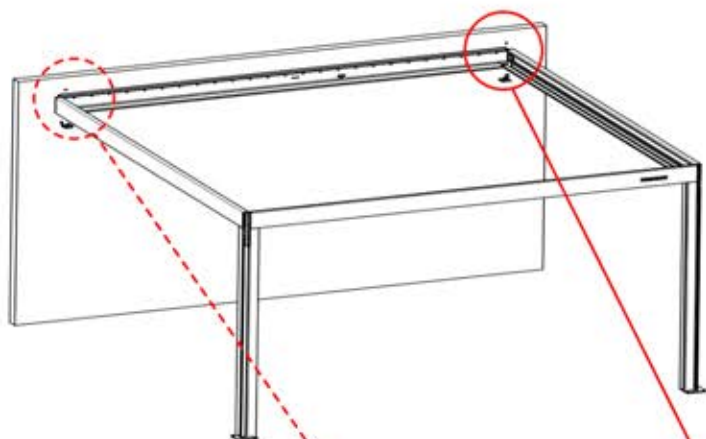
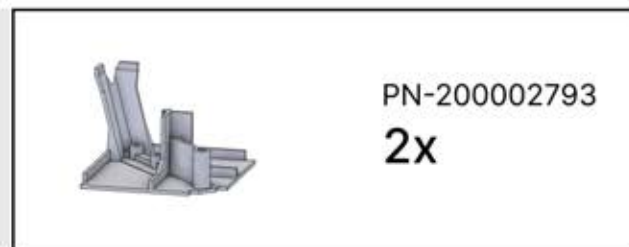
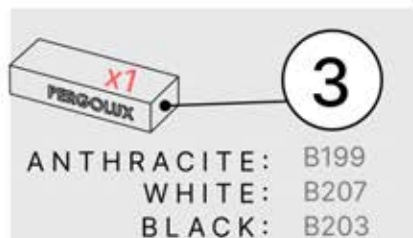
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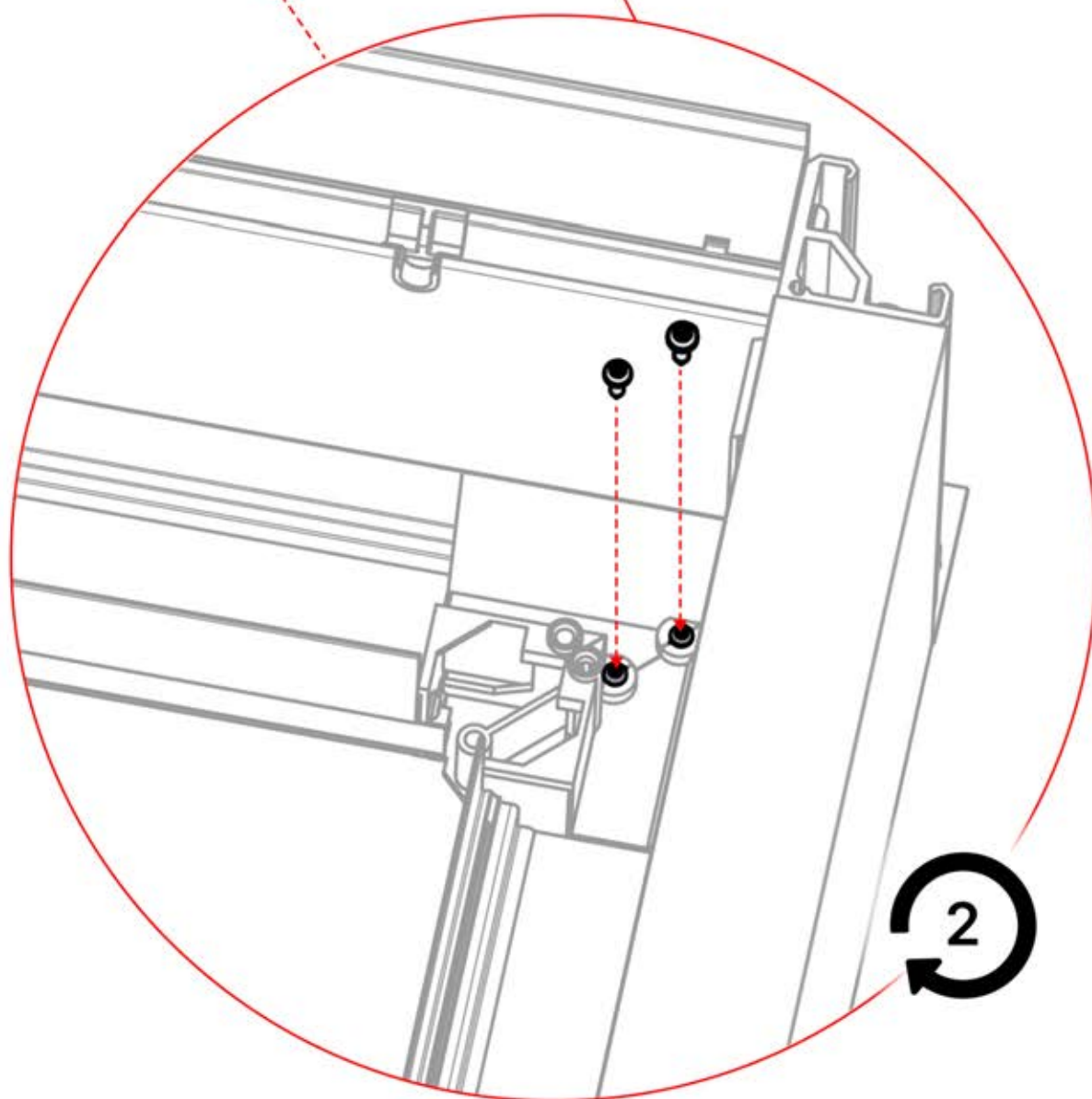
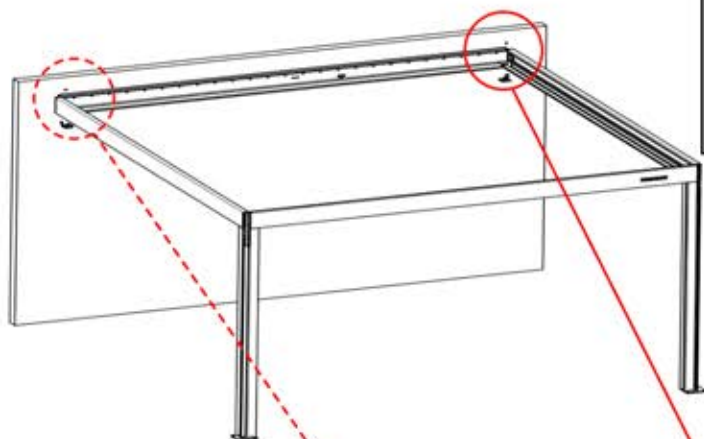
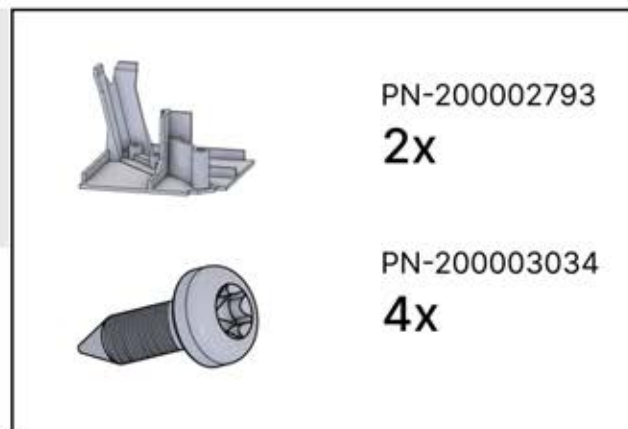
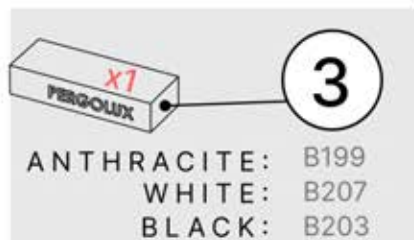
3



18



19



INFORMATION

Have you ordered LED-Lights?

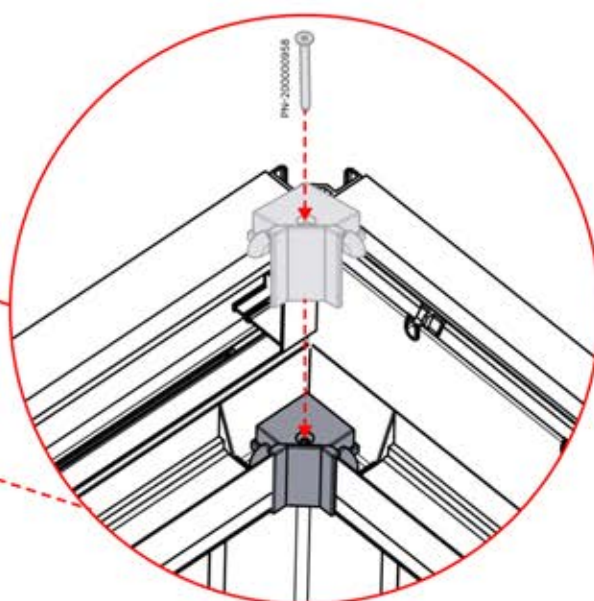
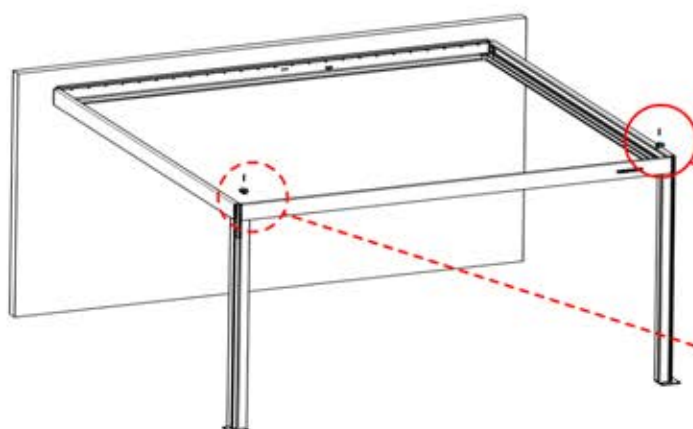
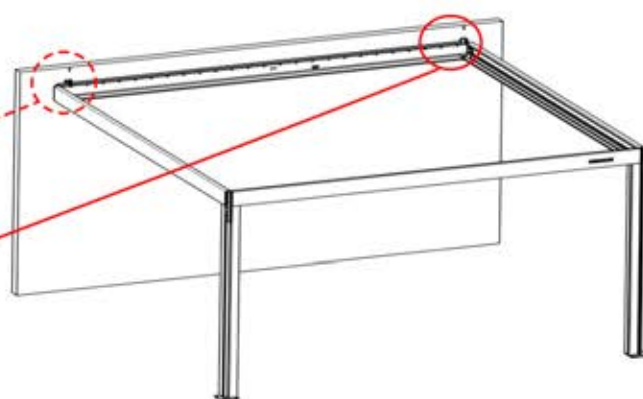
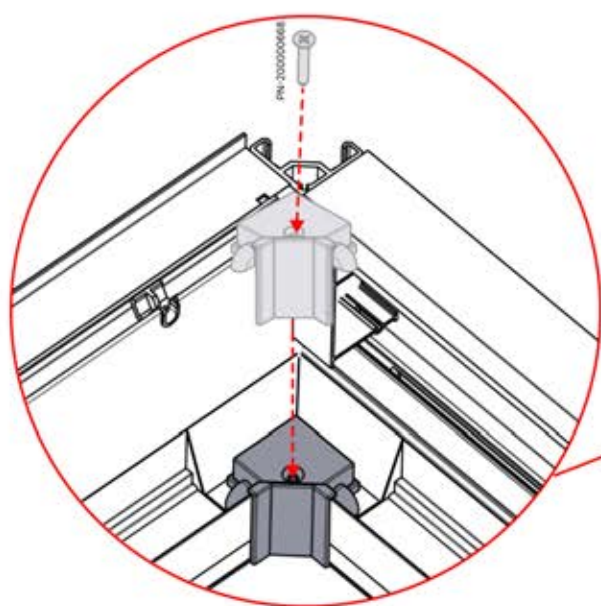
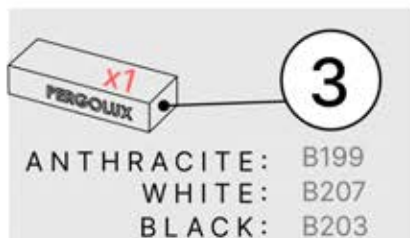
Now is the time to start the assembling.



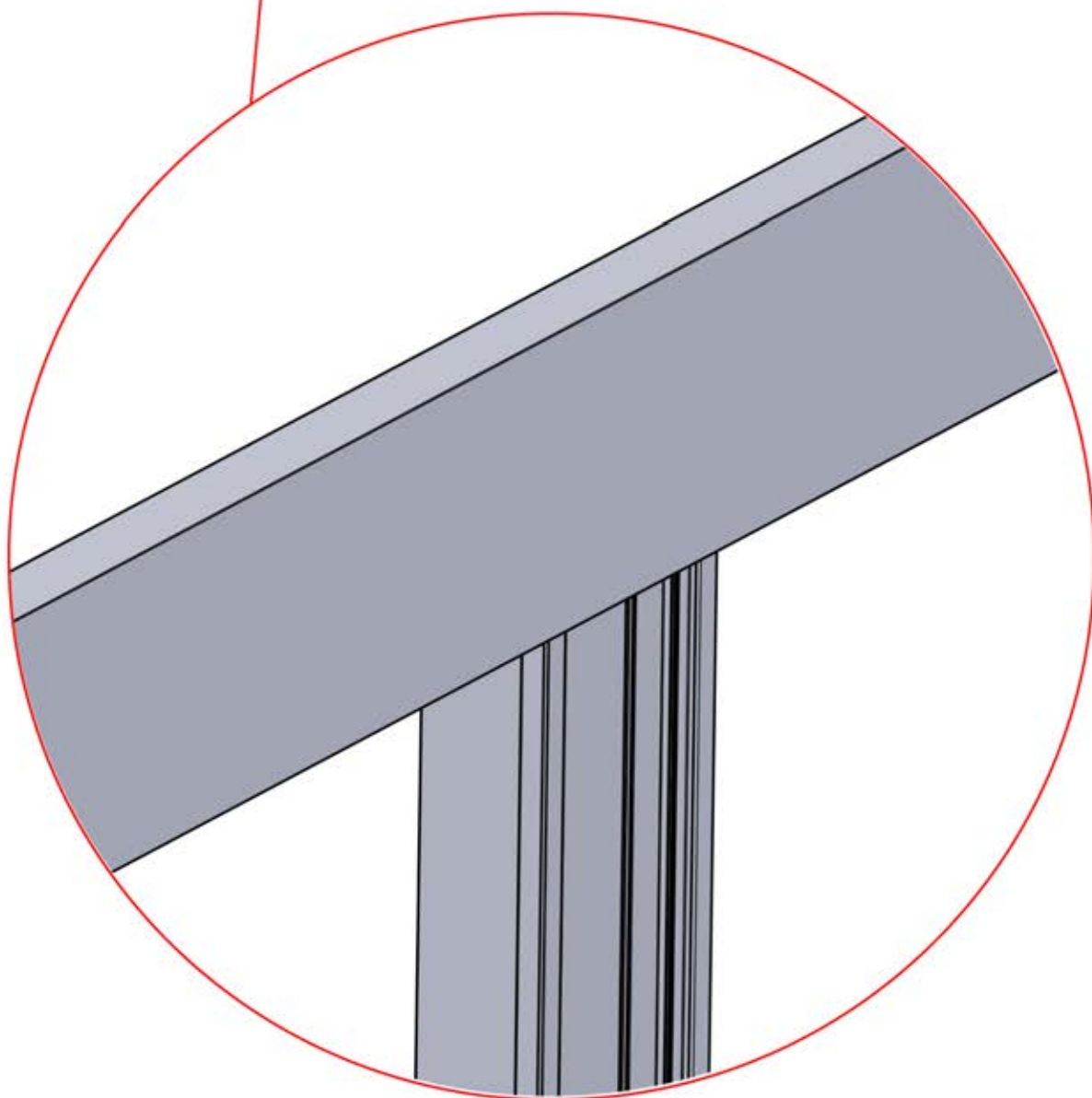
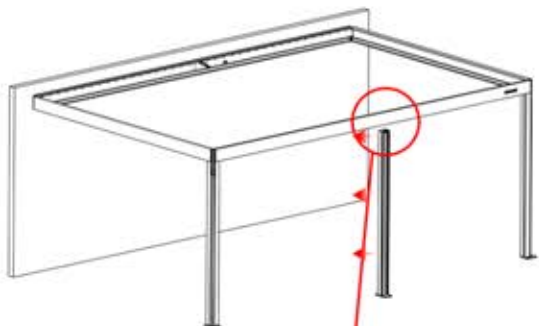
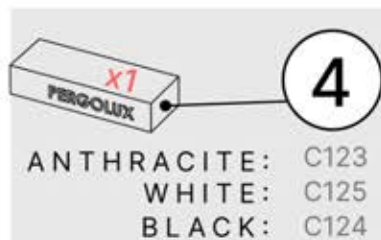
Follow the instruction for the LED lights in the assembly PDF and Video linked:



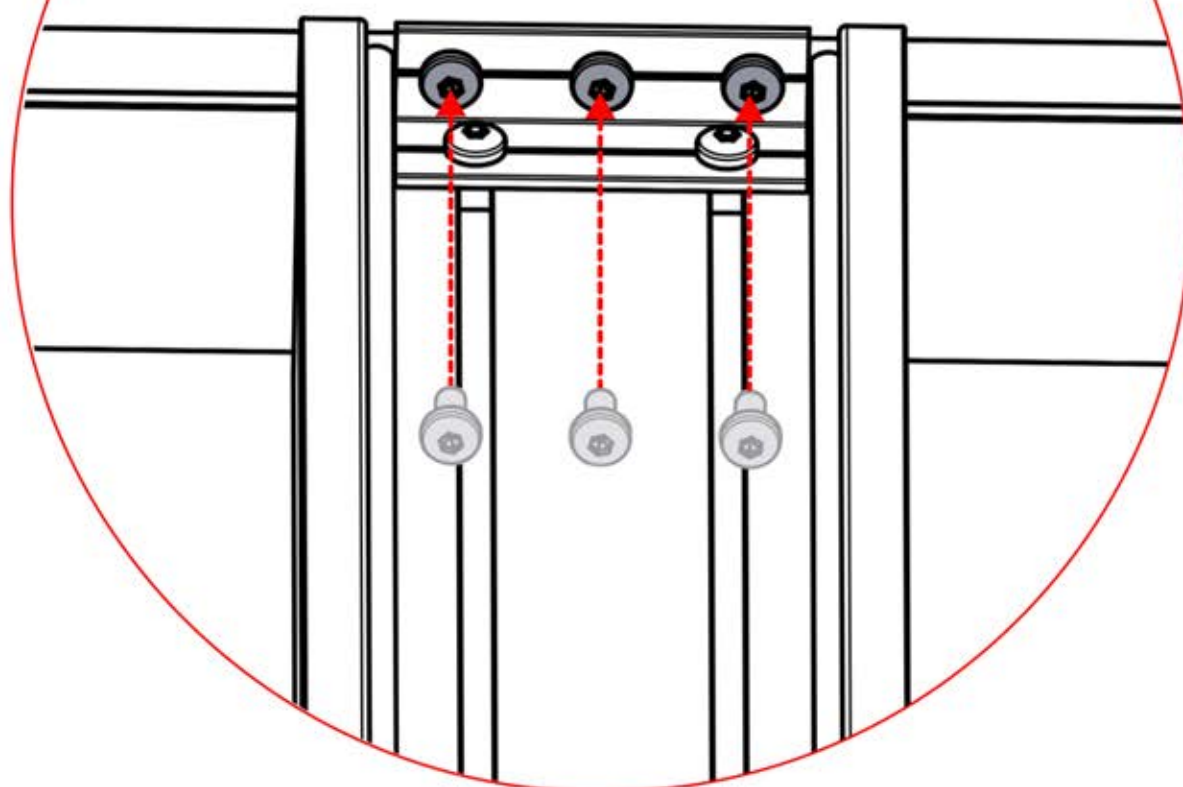
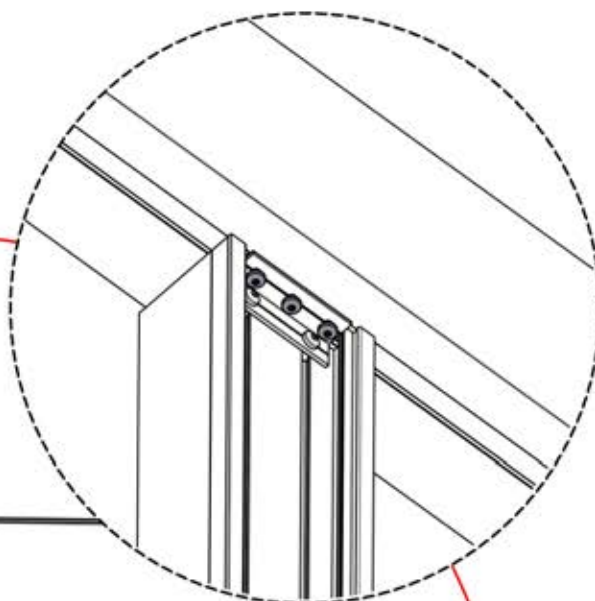
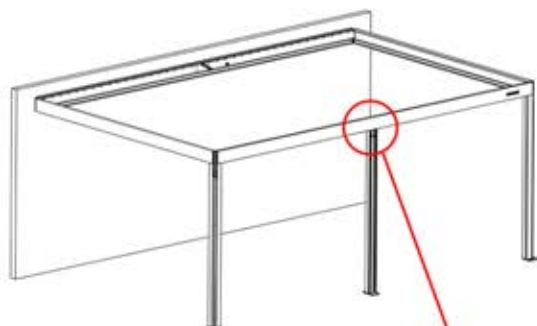
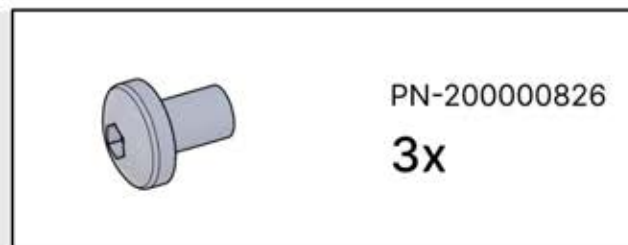
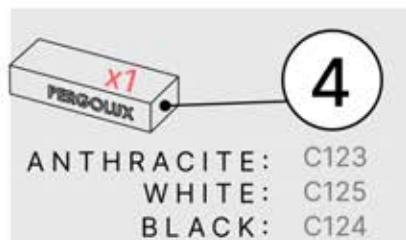
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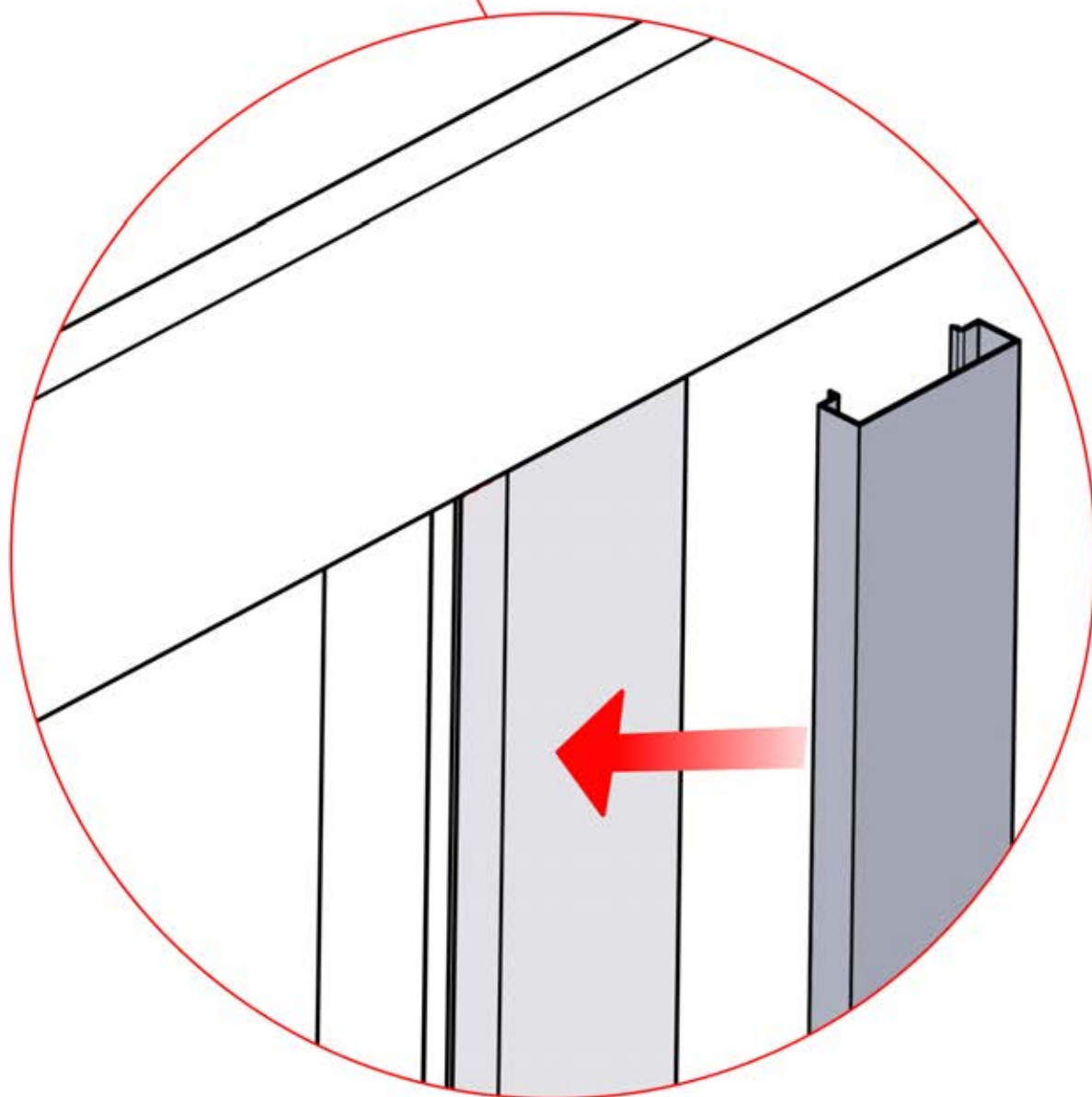
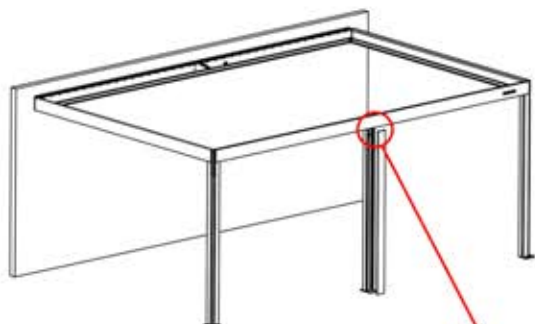
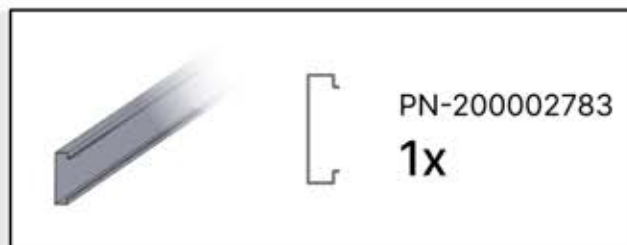
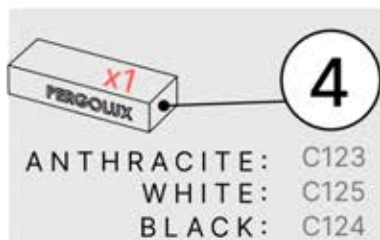
21



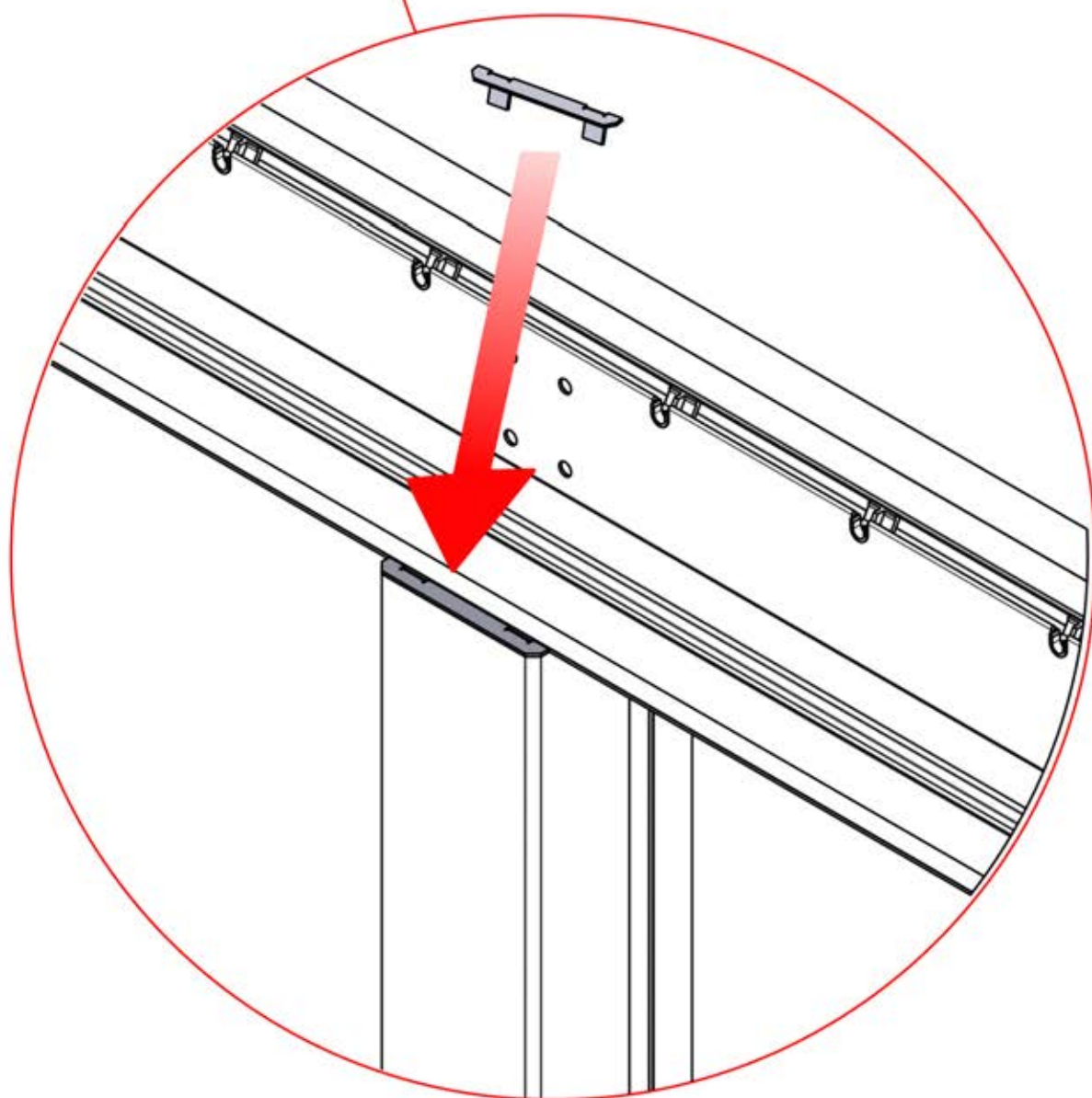
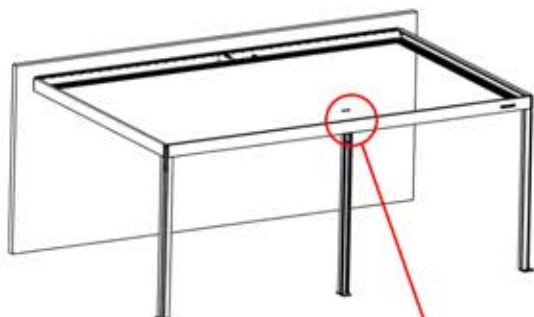
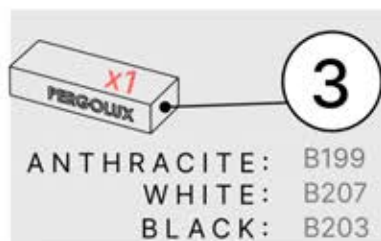
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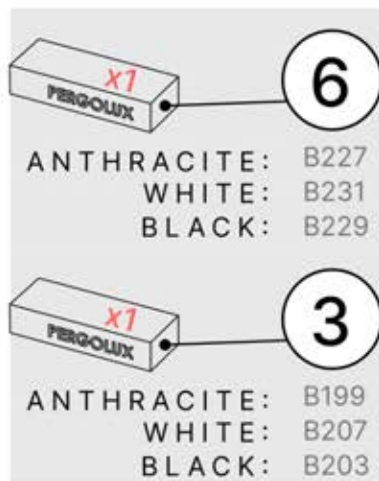
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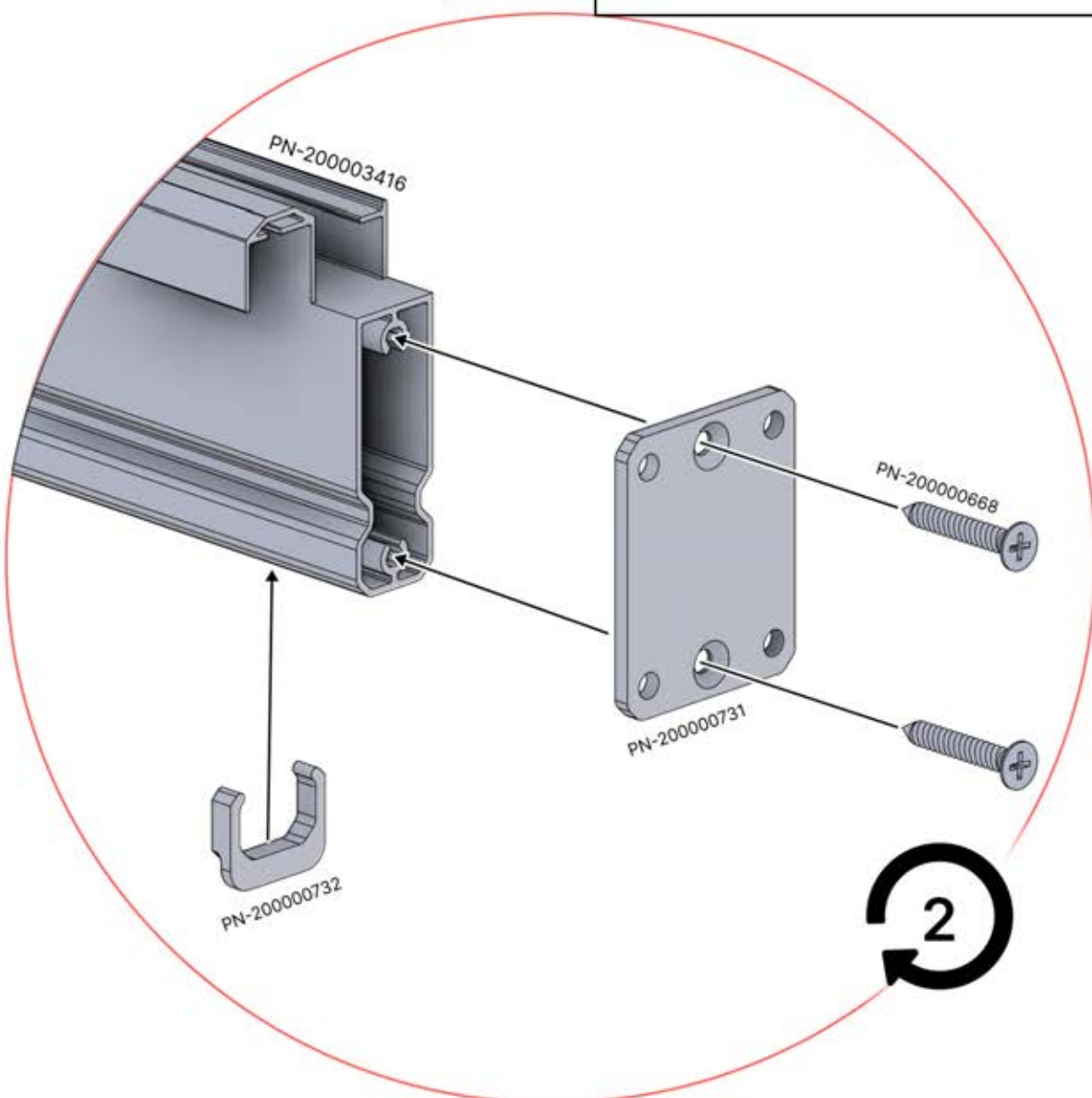
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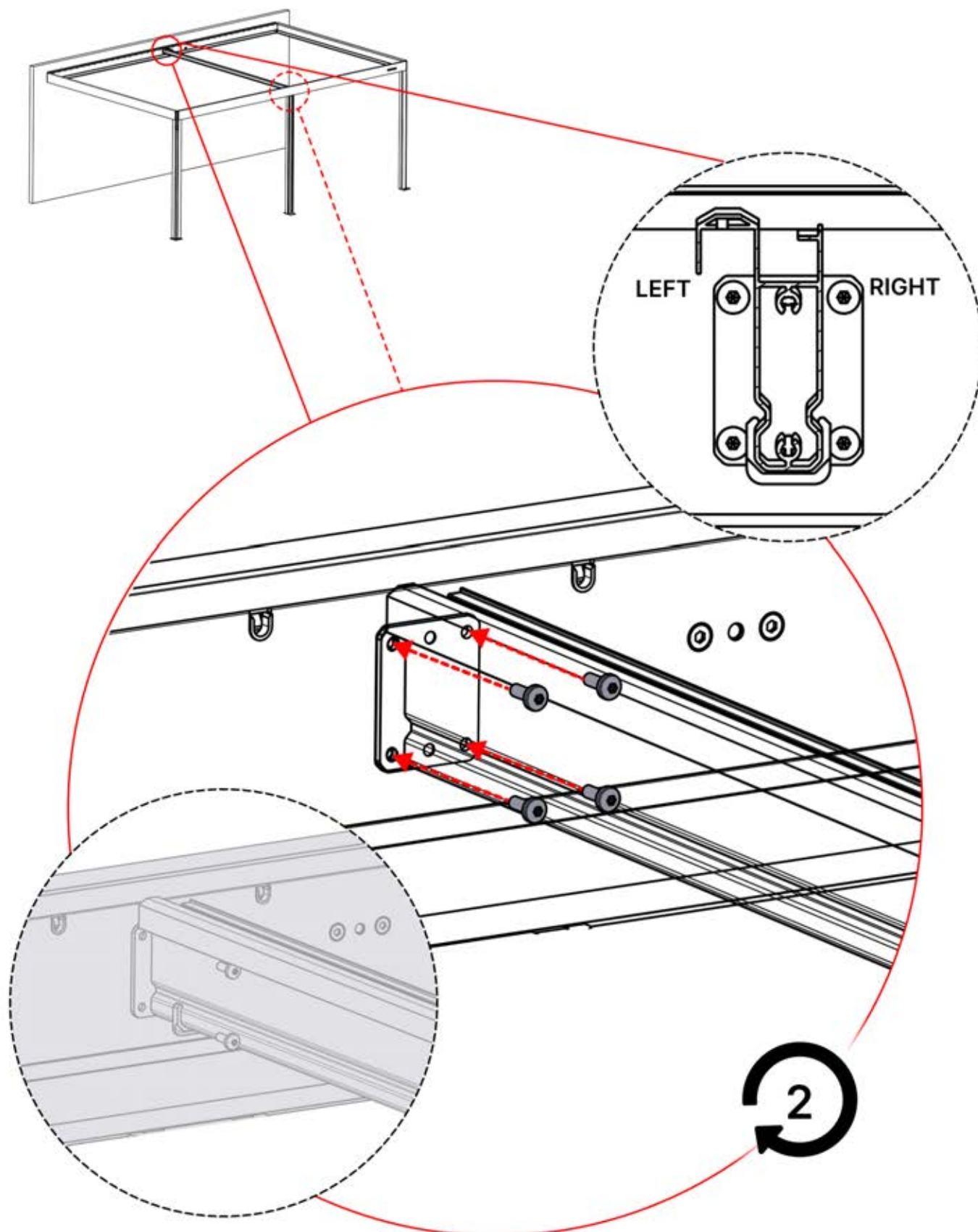
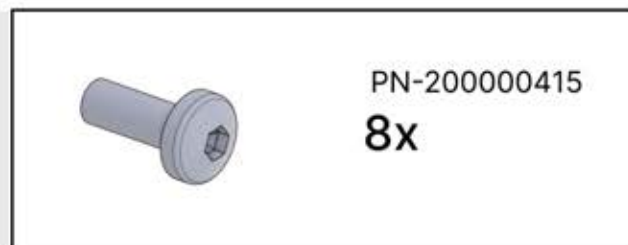
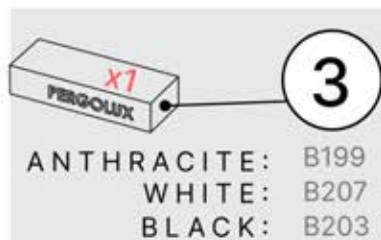
25



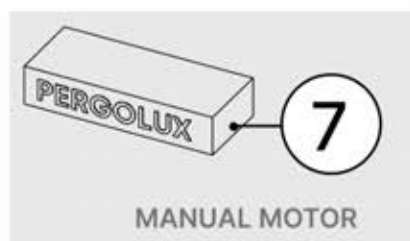
	PN-200003416 1X
	PN-200000731 2x
	PN-200000732 2x
	PN-200000668 4x



26



27



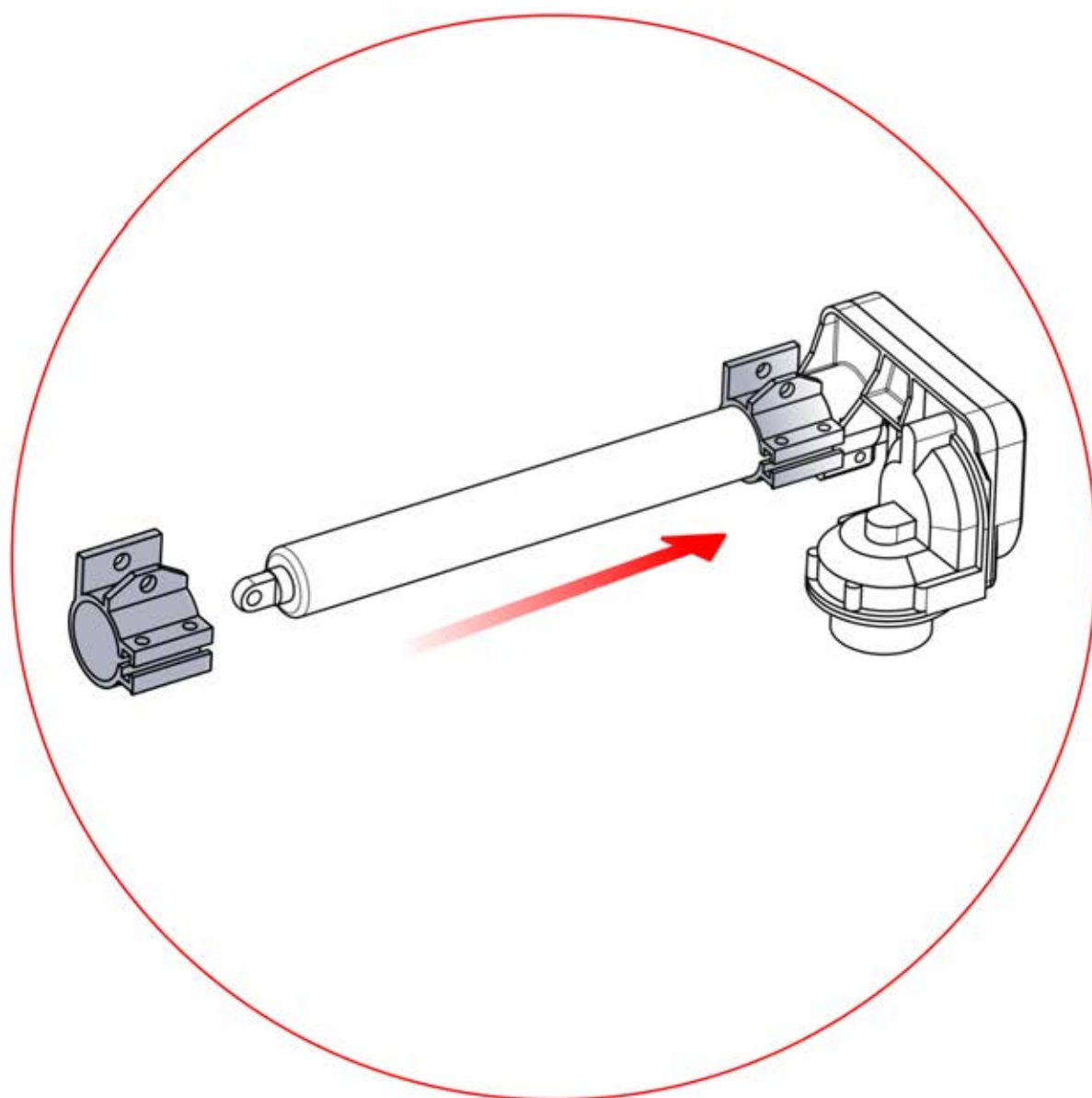
PN-200001563

1x



PN-200001623

1x



28

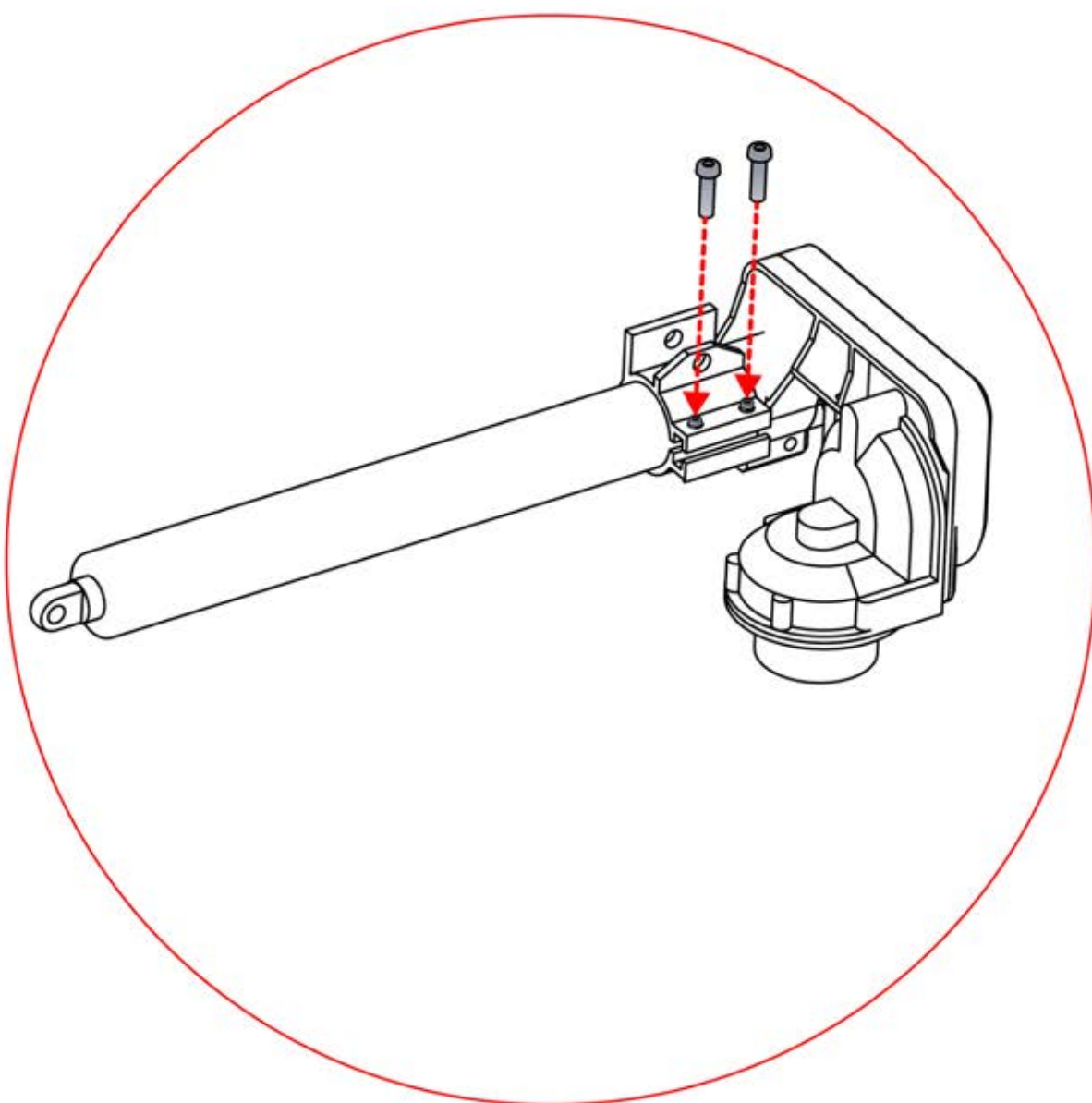


MANUAL MOTOR

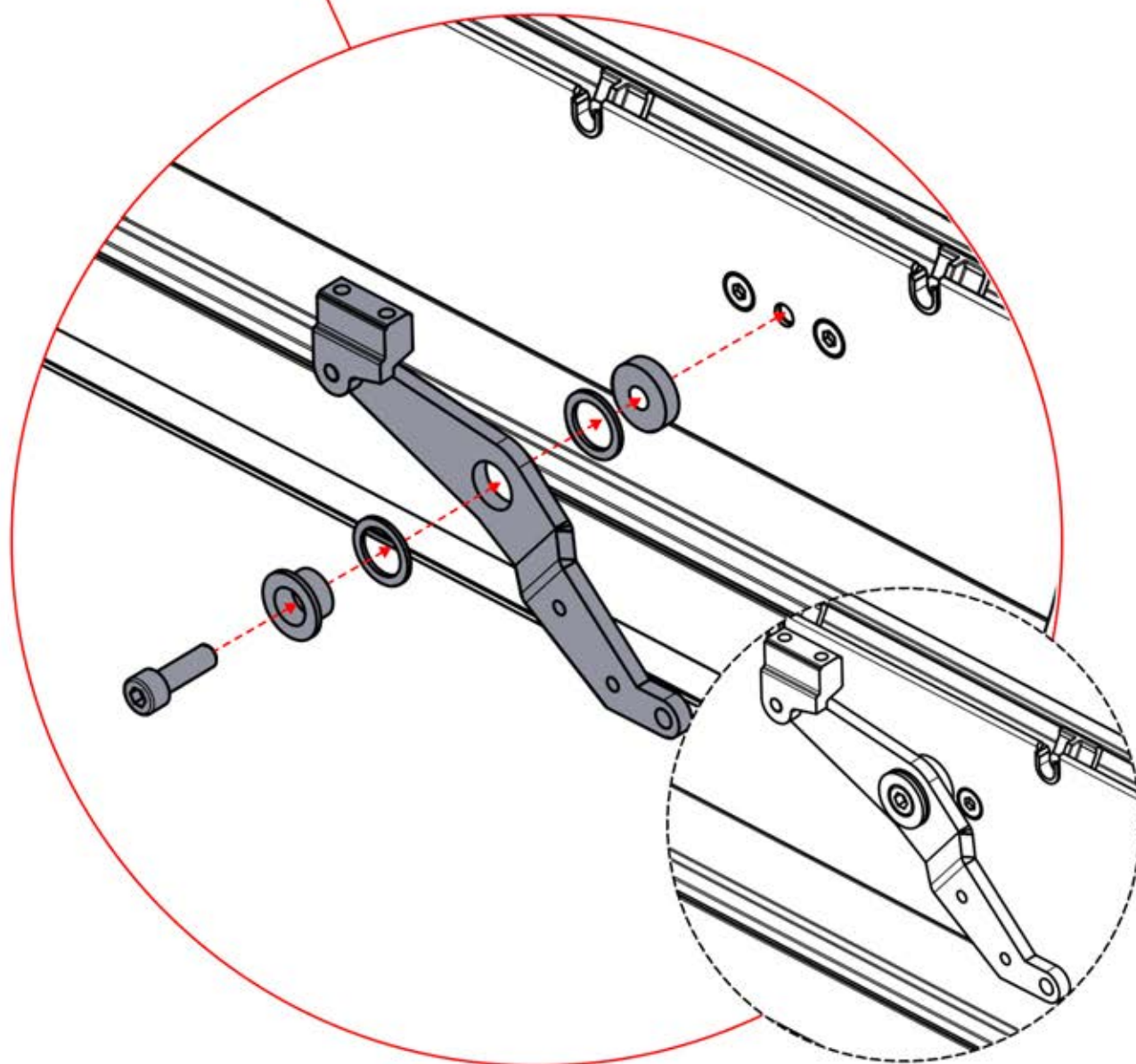
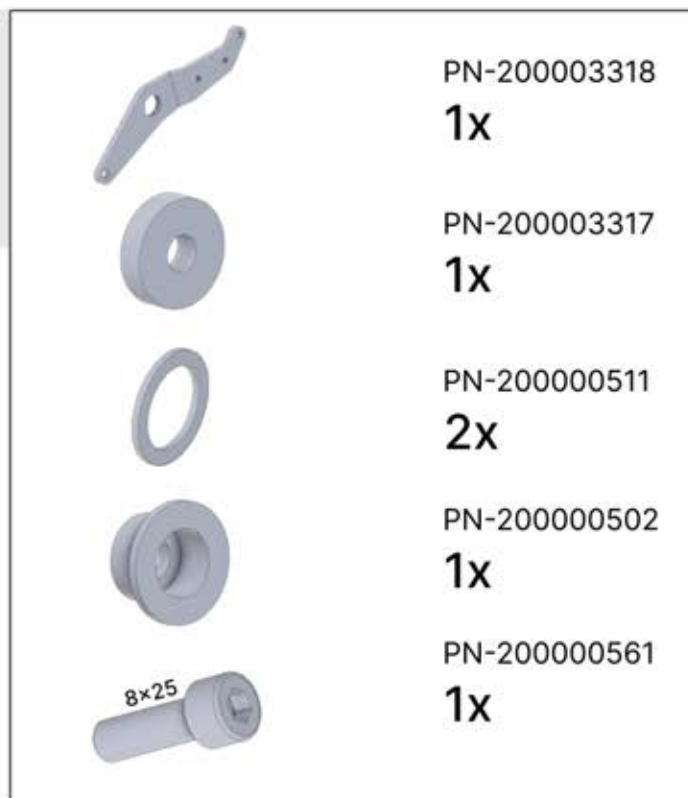
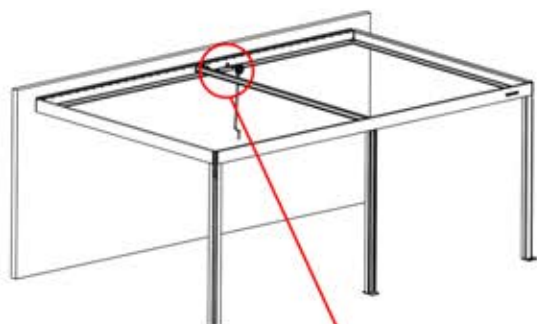
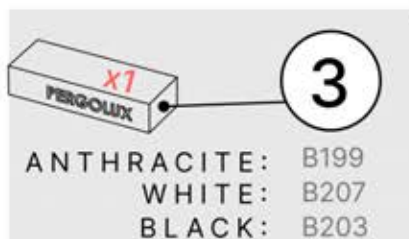


PN-200001625

2x



29

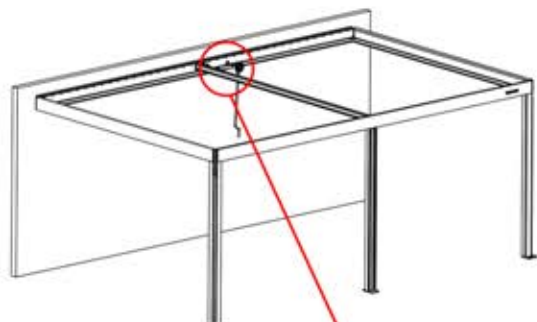


30



3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



PN-200003367

1x



PN-200000853

2x



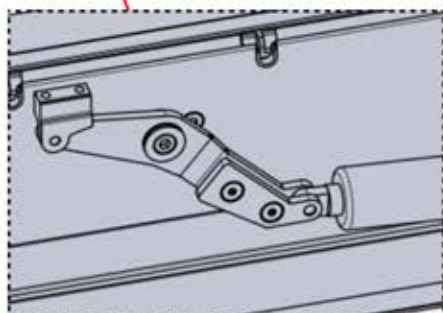
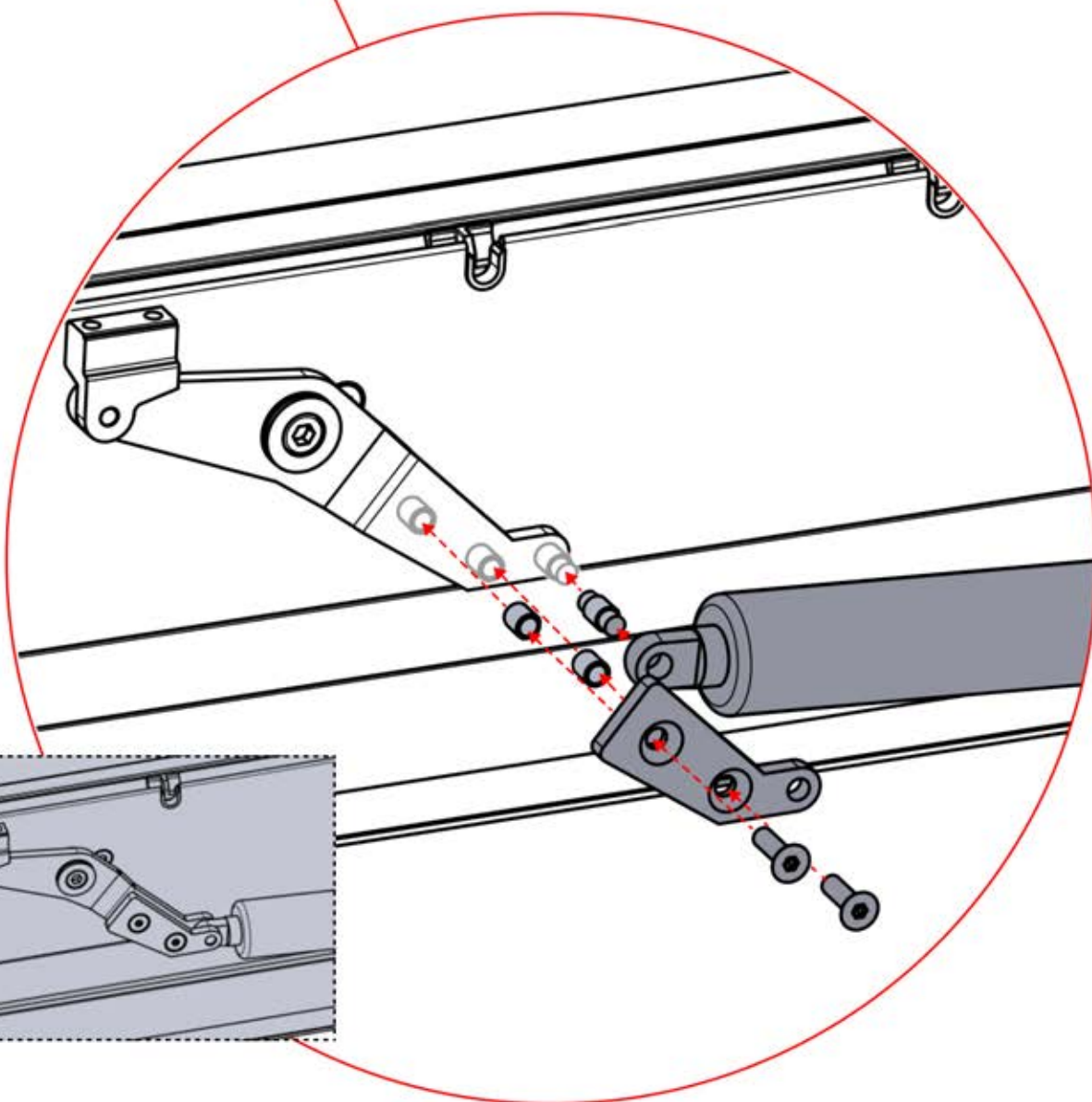
PN-200003370

1x

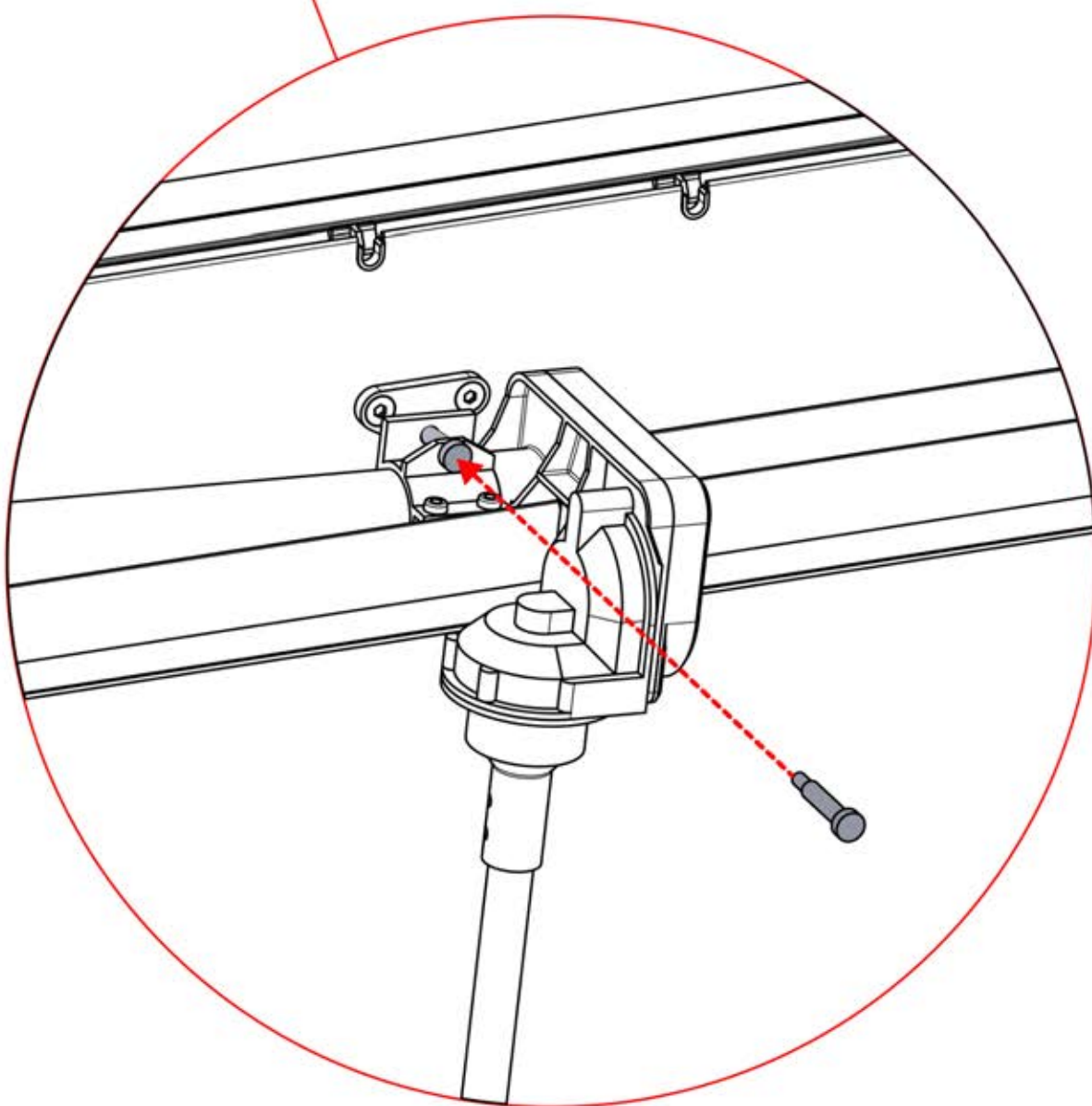
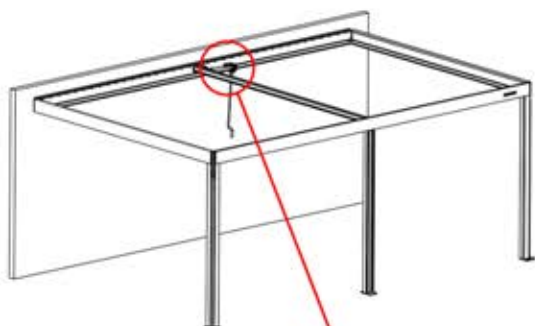
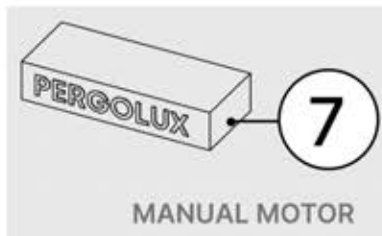


PN-200003368

2x



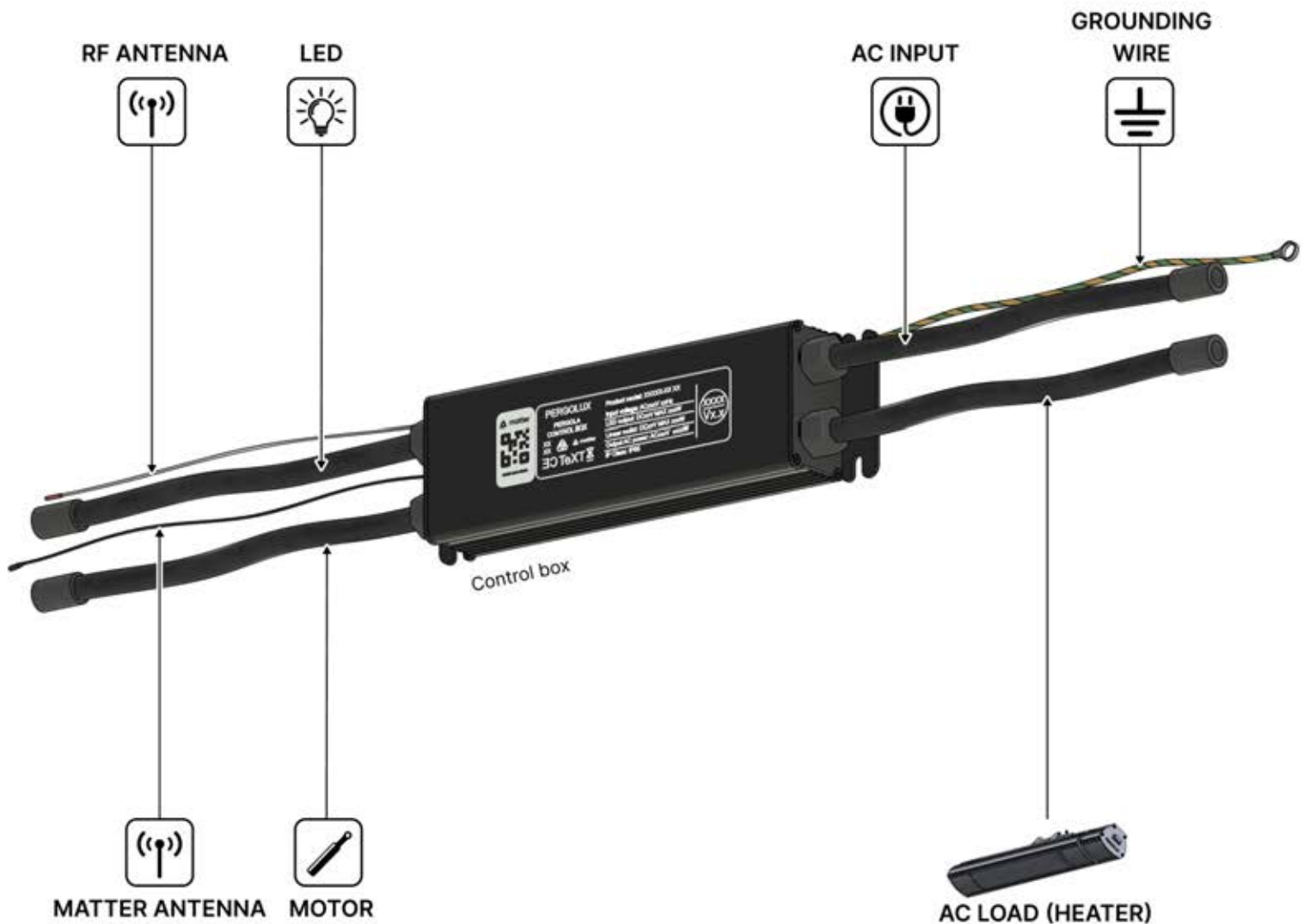
31



INPUTS AND OUTPUTS



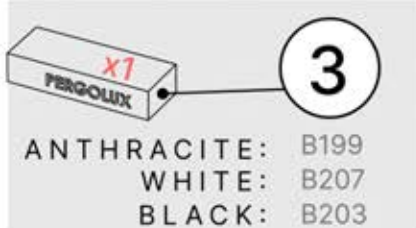
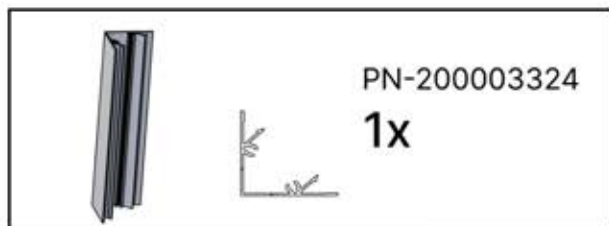
** Only if you ordered LED lights to your pergola.



ATTENTION: MOTOR RESET WARNING

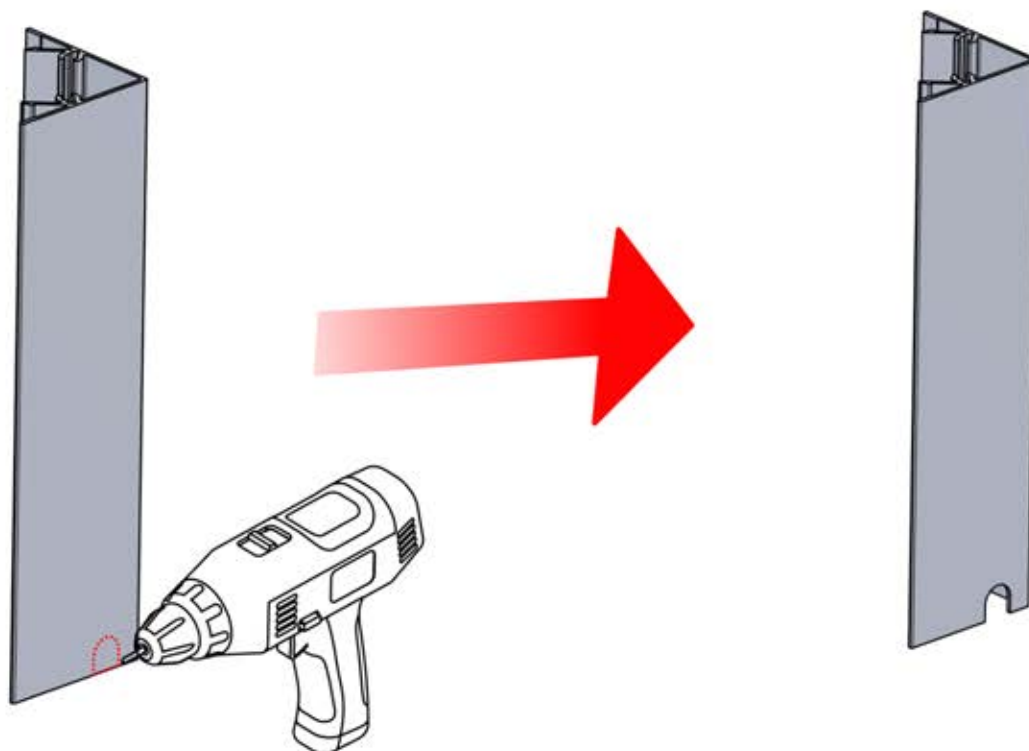
During a control box reset, the motor will fully extend and retract. Motor should be disconnected from motor arm to avoid injury or damage to the pergola

INFORMATION



If you are planning to route the power cable through the rear corners, drill a **10 mm** diameter hole in the corner cover (**PN-200003324**) as illustrated. This allows the cable to pass through during installation in step 57.

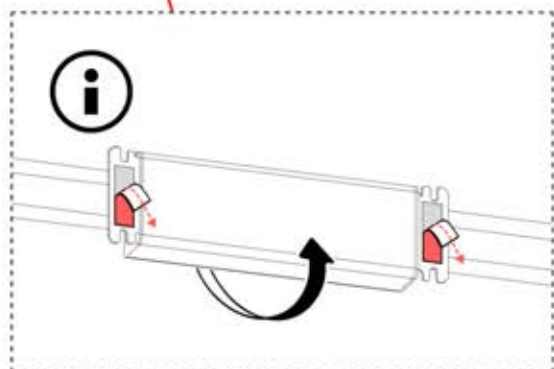
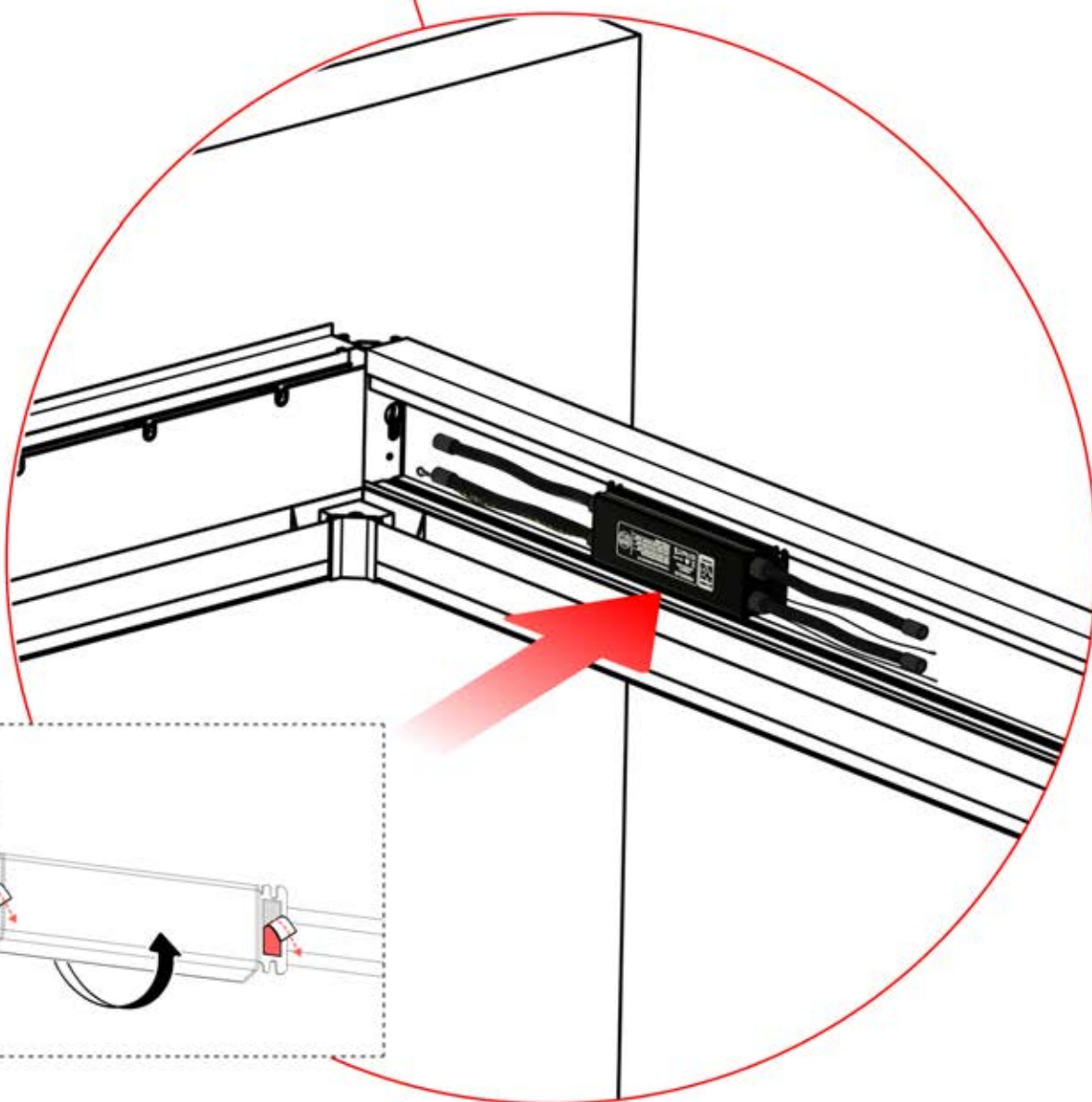
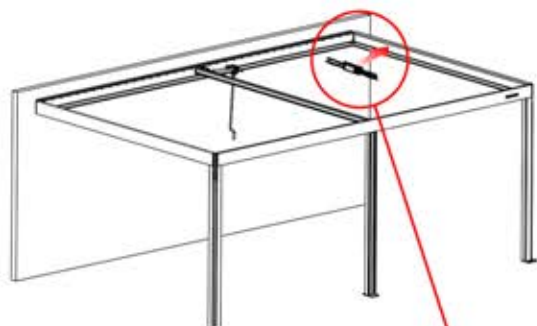
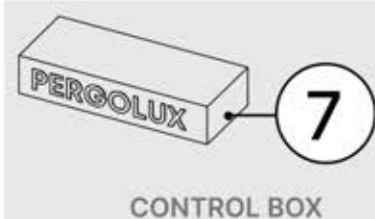
Note: The illustration shows the hole location for a right-corner assembly; if routing from the left corner, drill the hole on the opposite side.





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

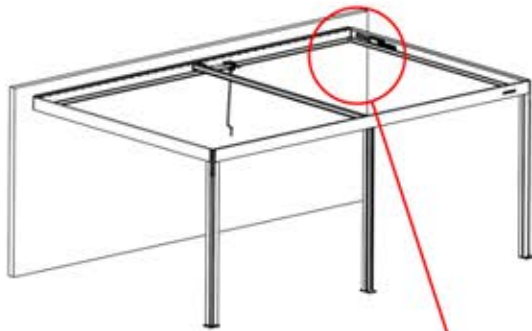
32





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

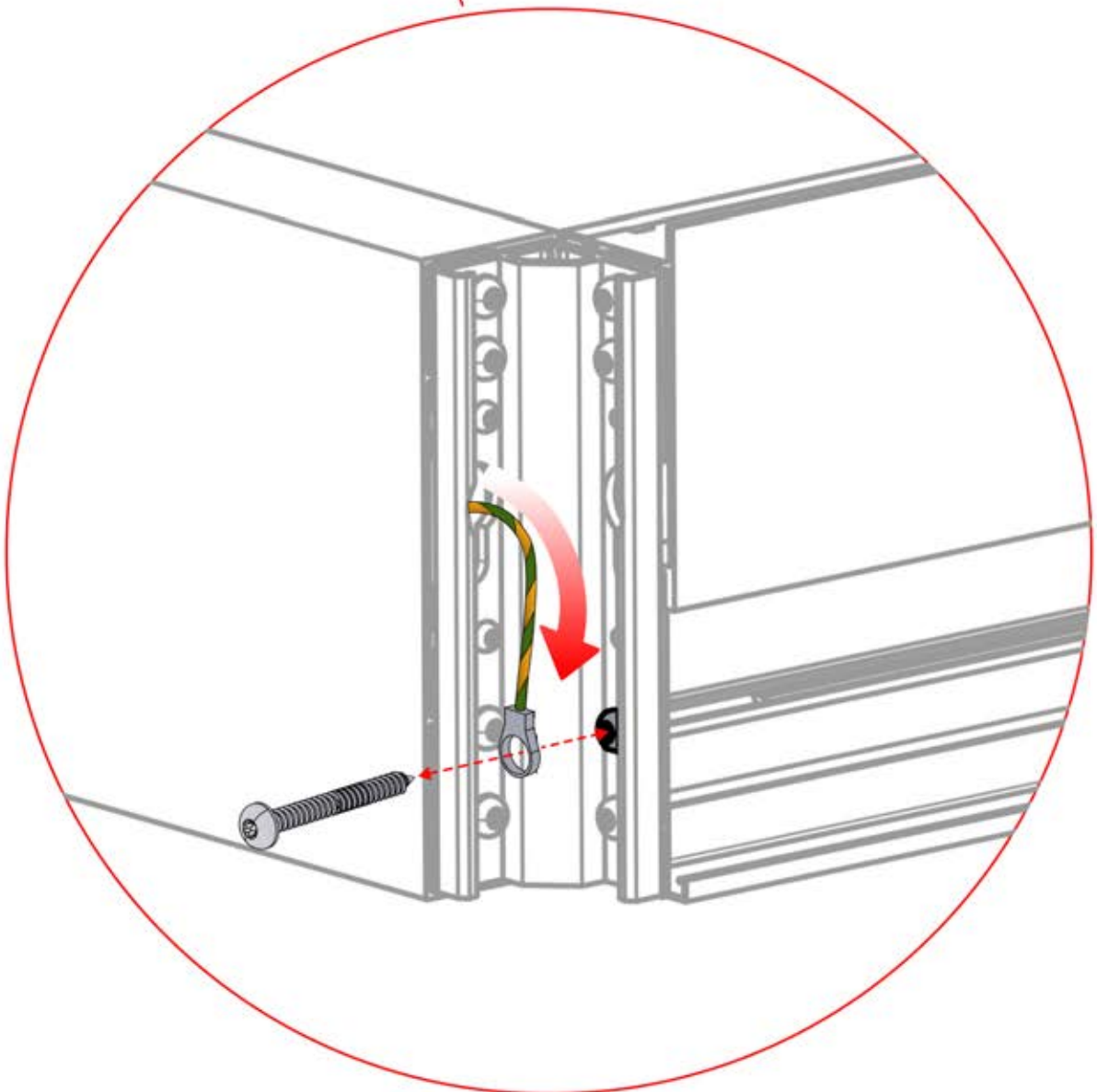
33



Connect grounding wire before connecting to power!

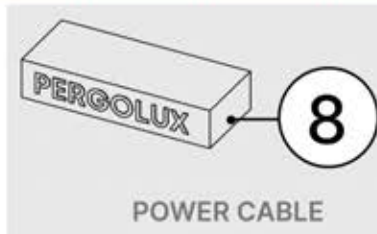


GROUNDING



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

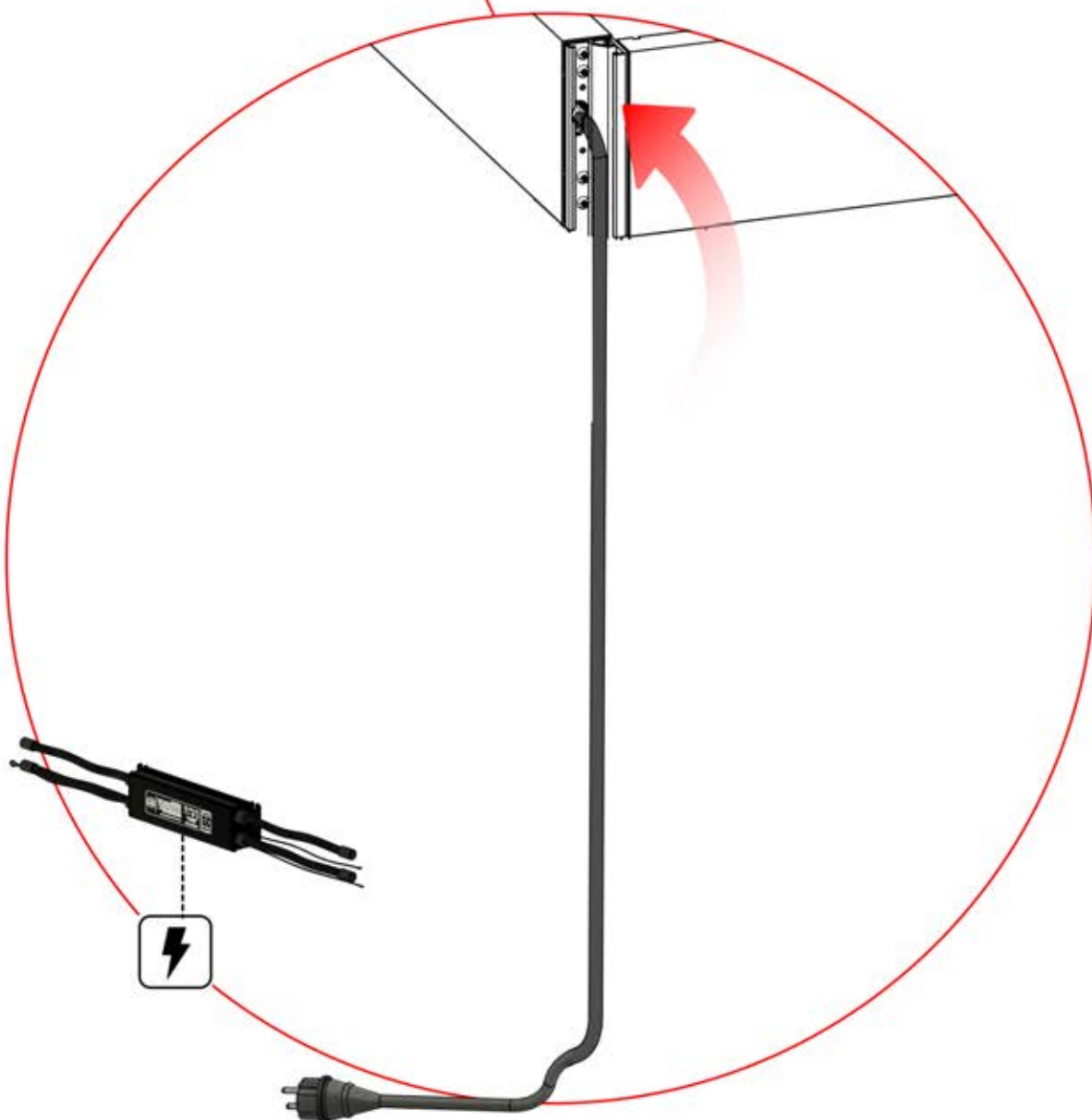
34



power cable
PN-200003781
1x

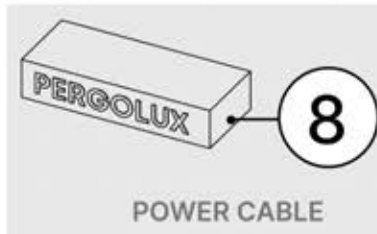


Power Cable can be
routed through all
the Poles.

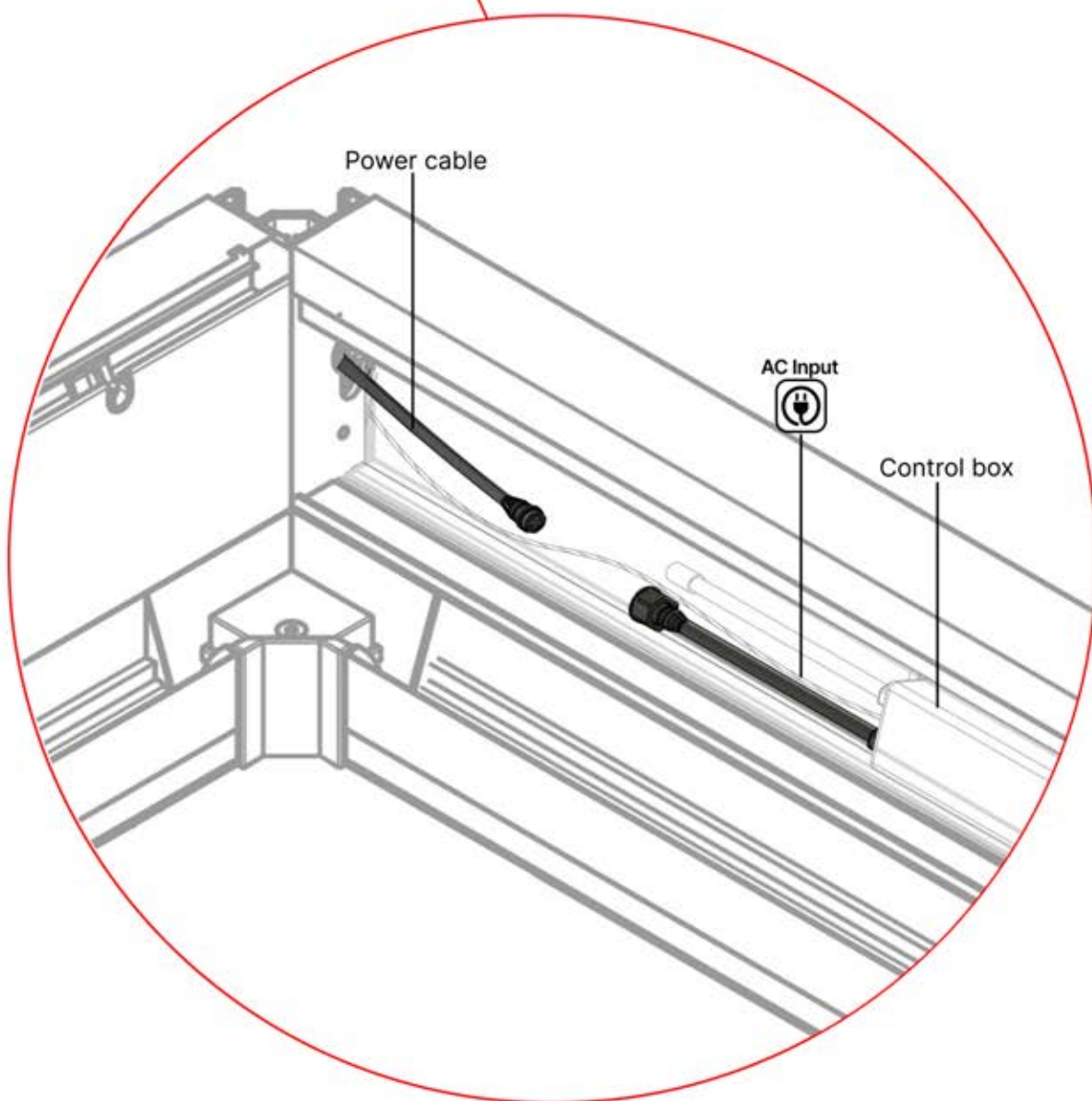


! ** Only if you ordered LED lights to your pergola.

35



power cable
PN-200003781
1x





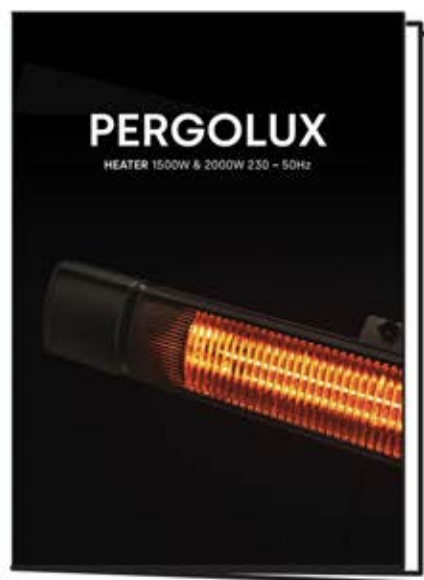
** Only if you ordered LED lights to your pergola.

36

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.

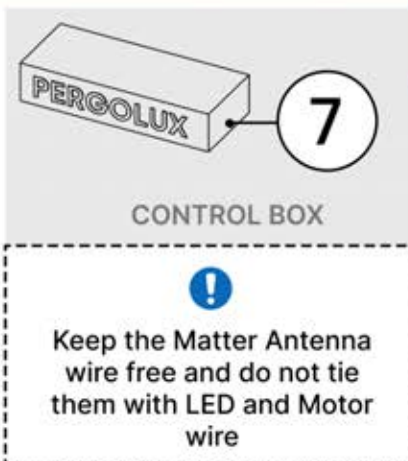
Follow the instruction in the assembly manual.





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

37



S4



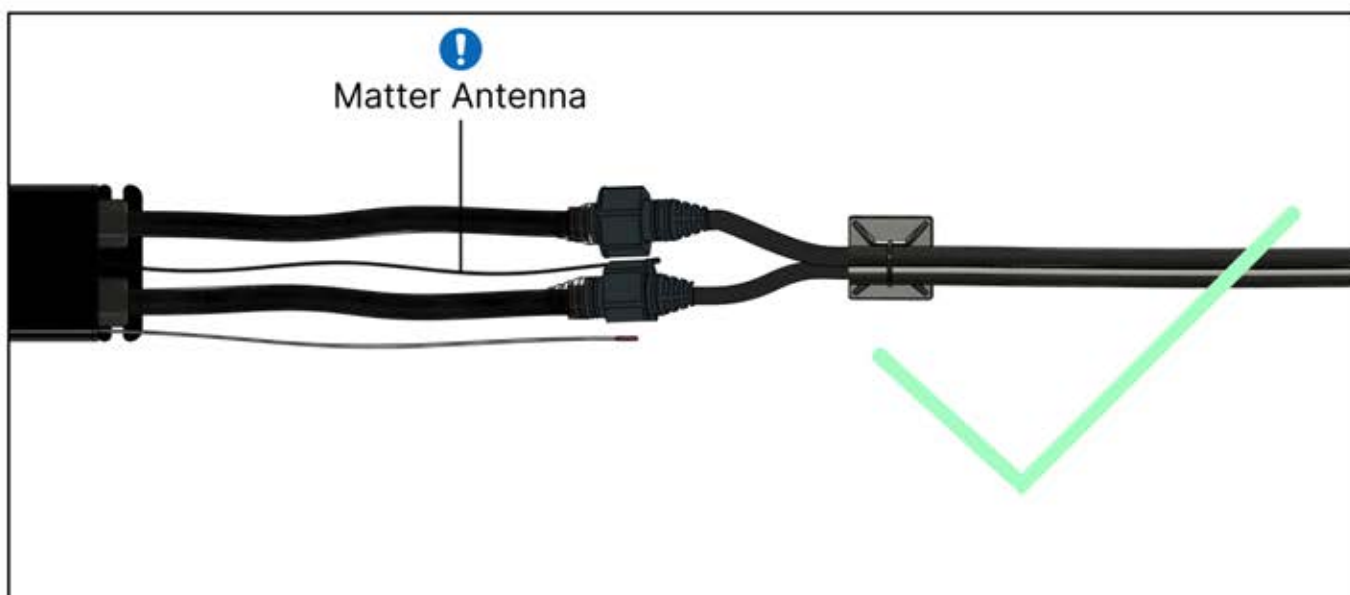
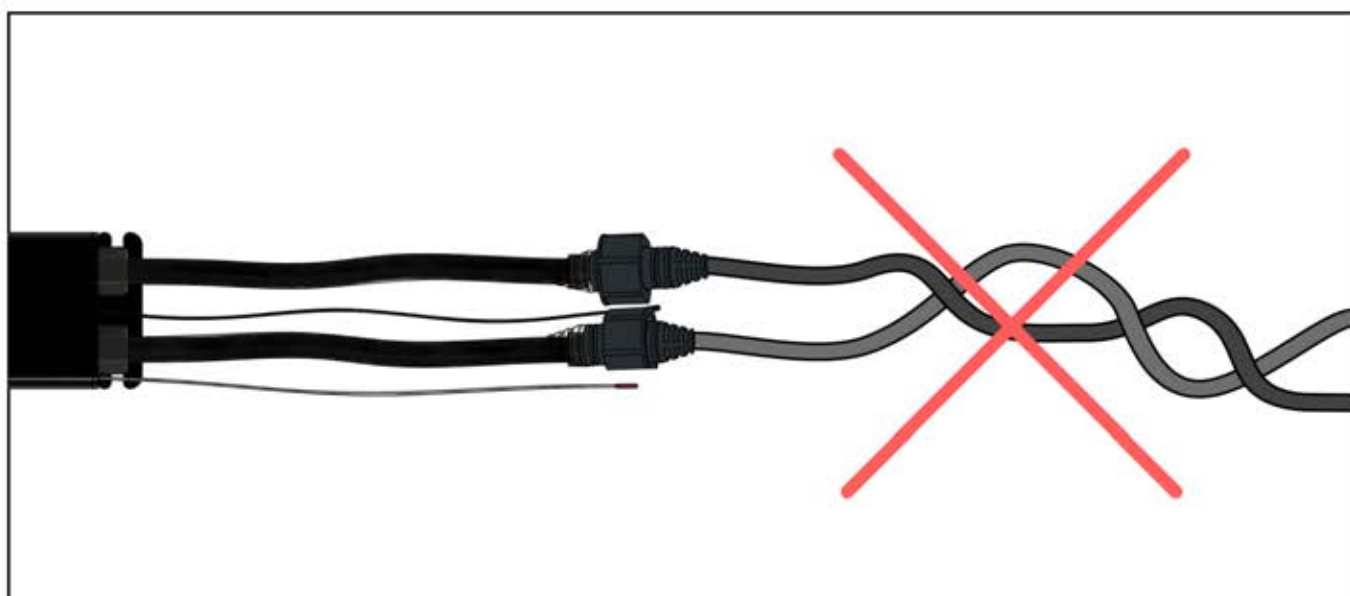
PN-200002683

5x

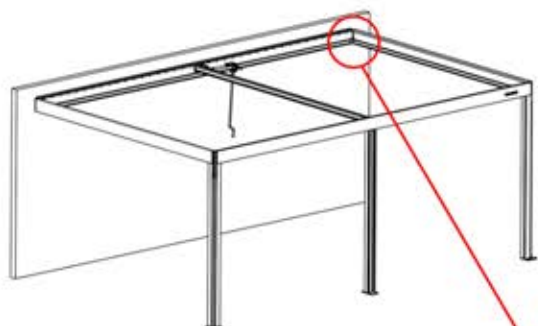


PN-200002684

10x



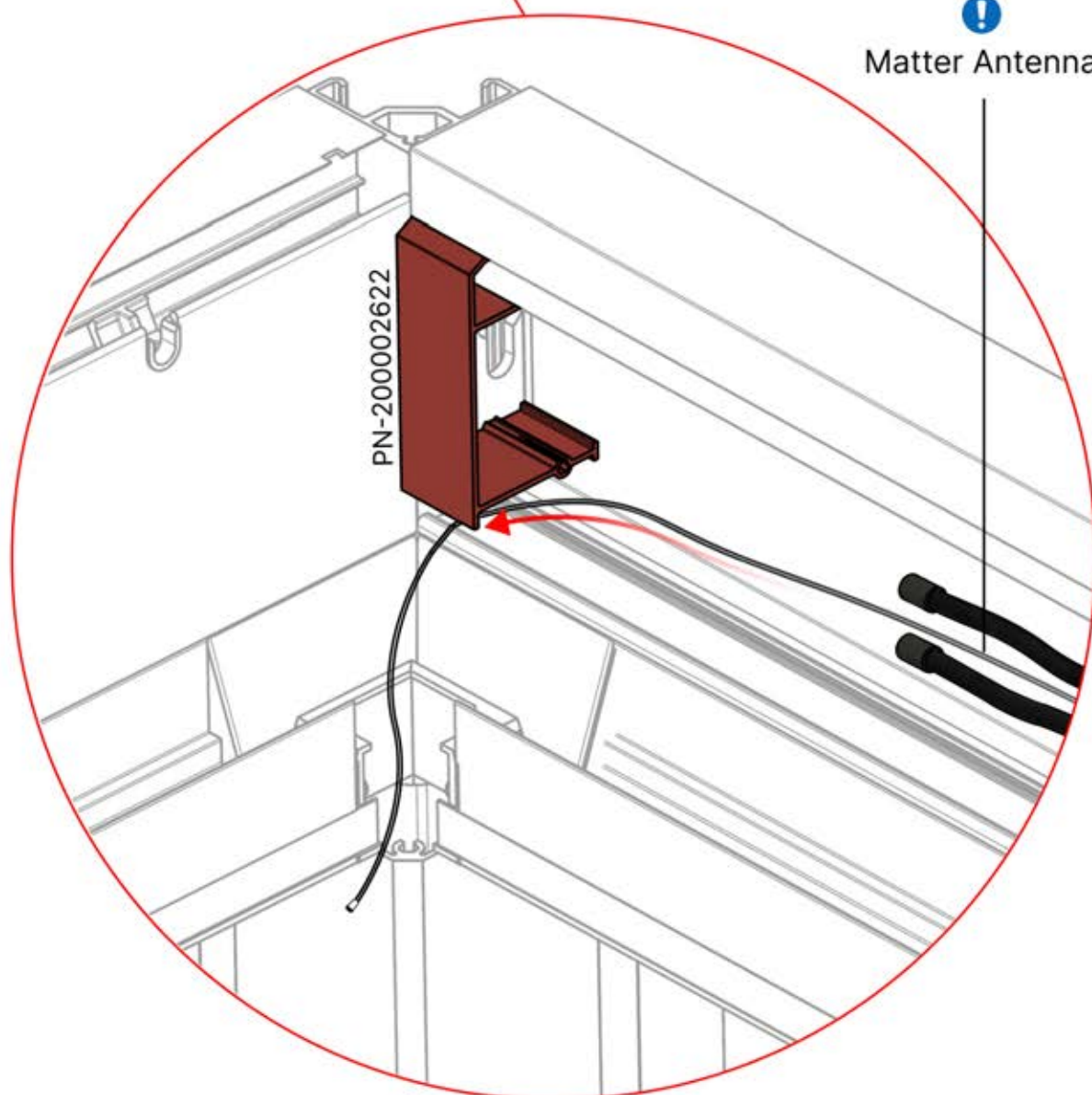
38



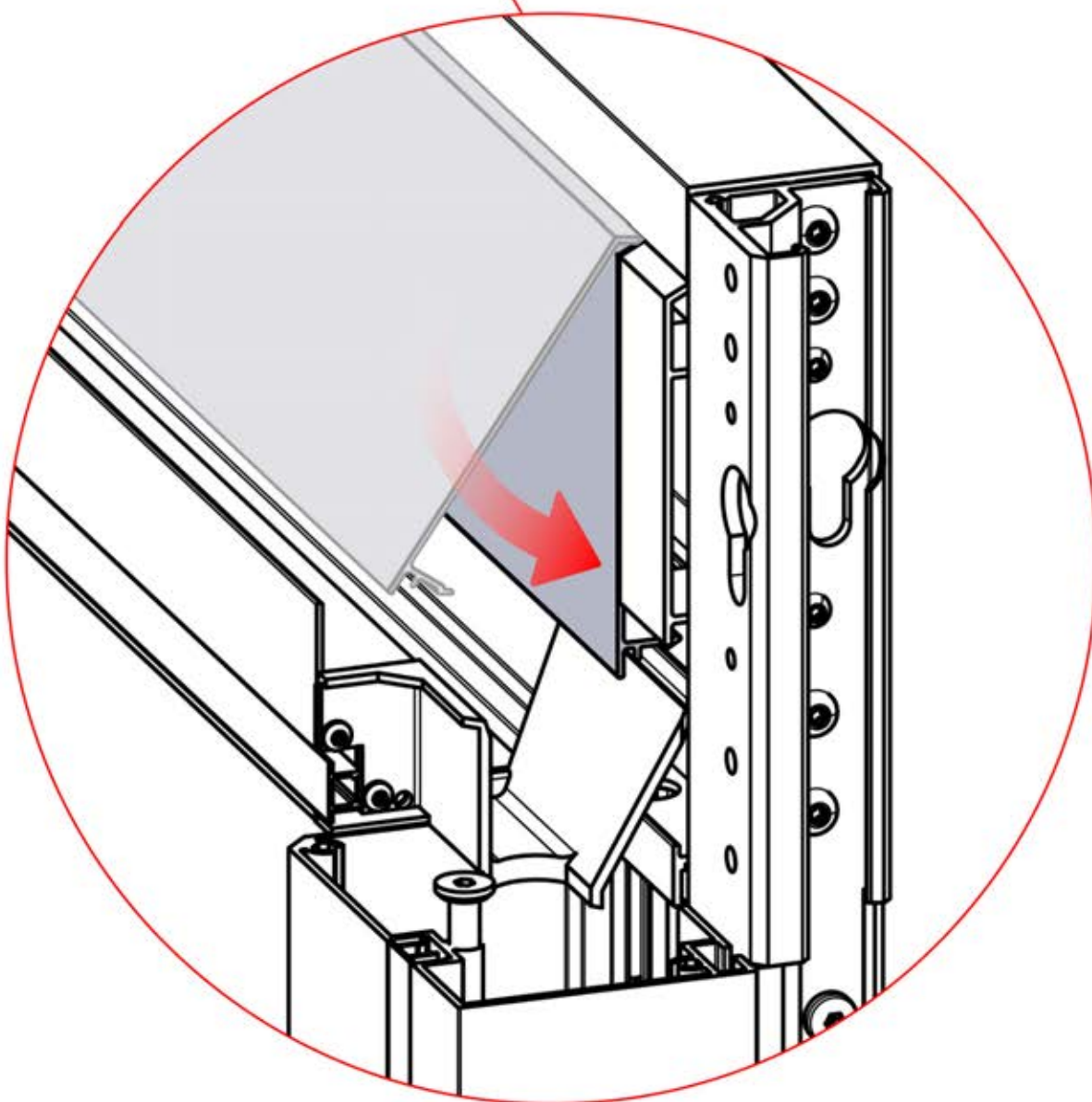
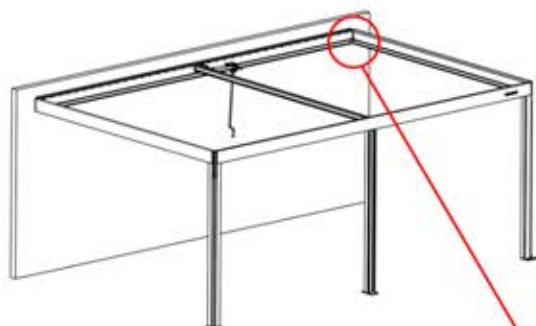
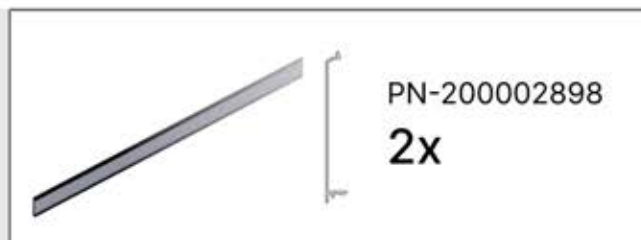
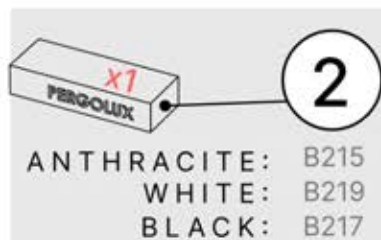
Route the Matter Antenna and place it below the highlighted part(PN-200002622).



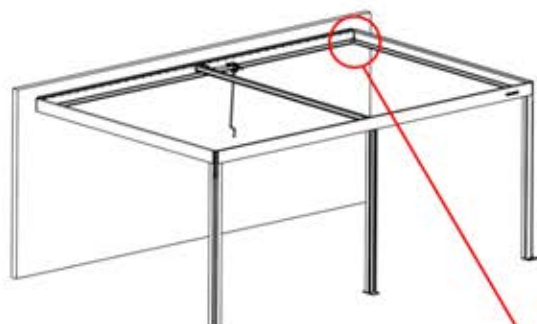
Matter Antenna



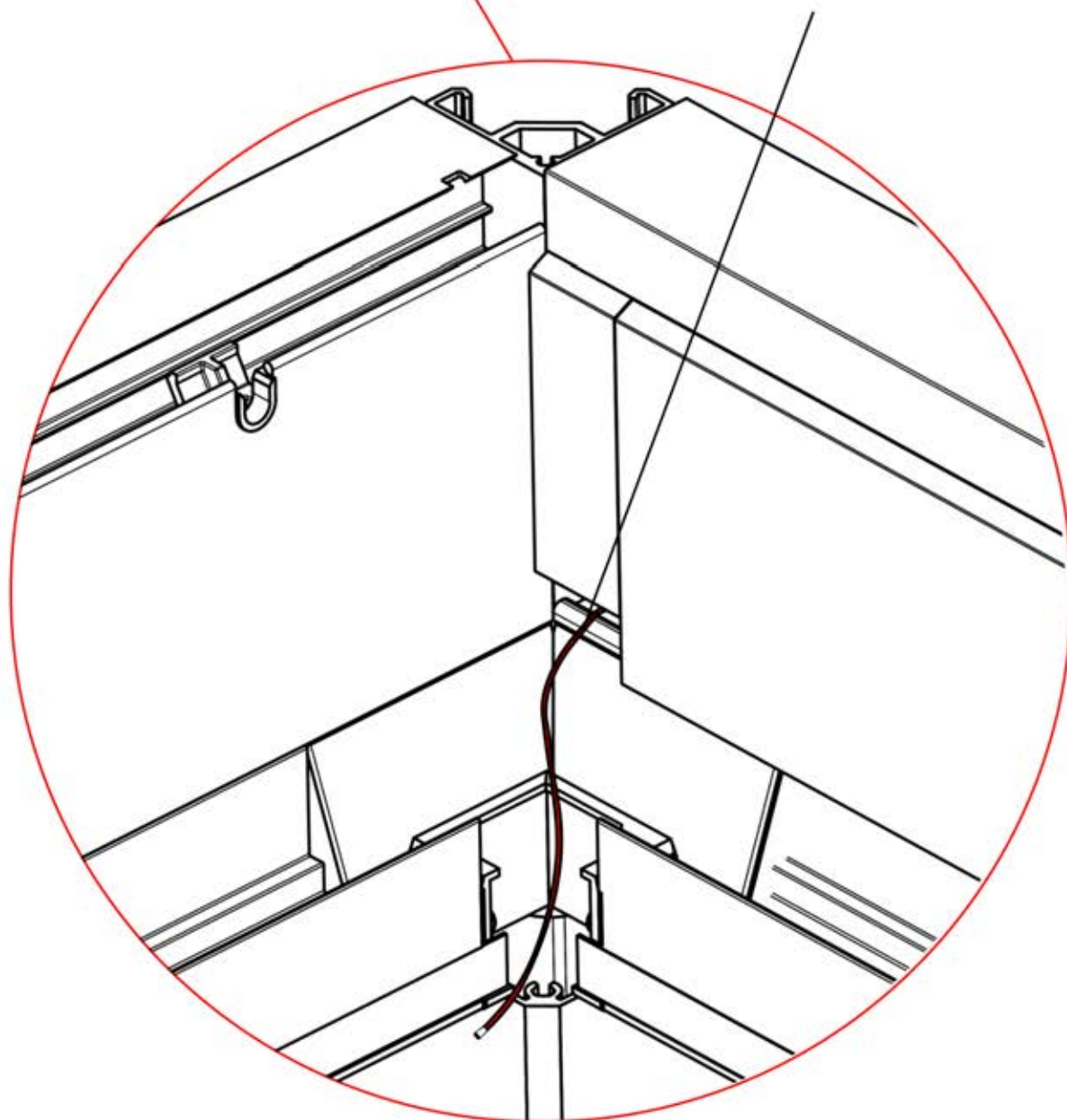
39



INFORMATION



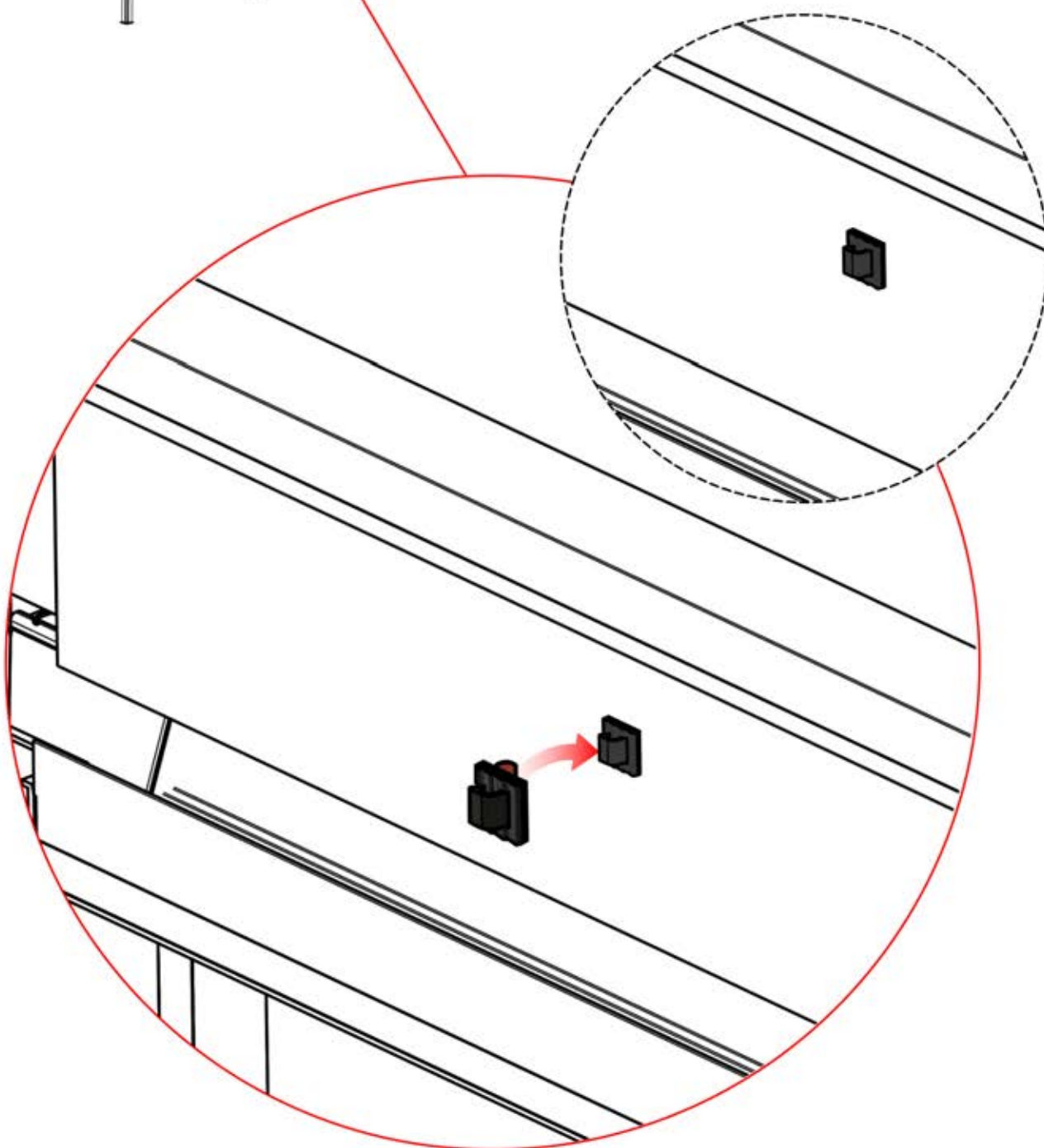
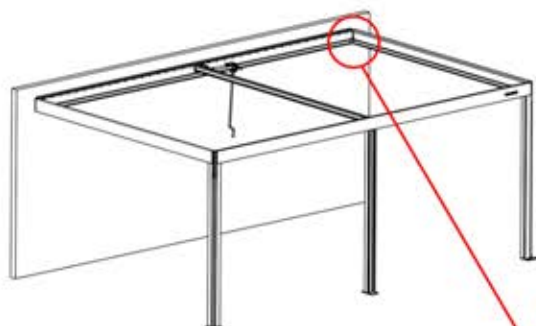
Matter Antenna



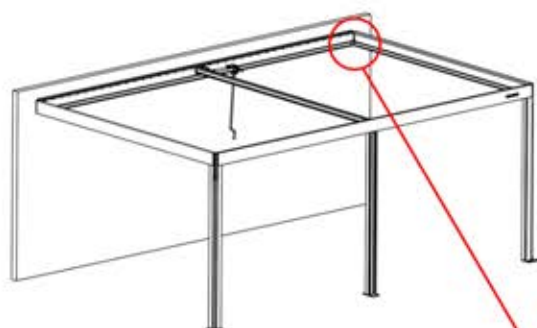
40



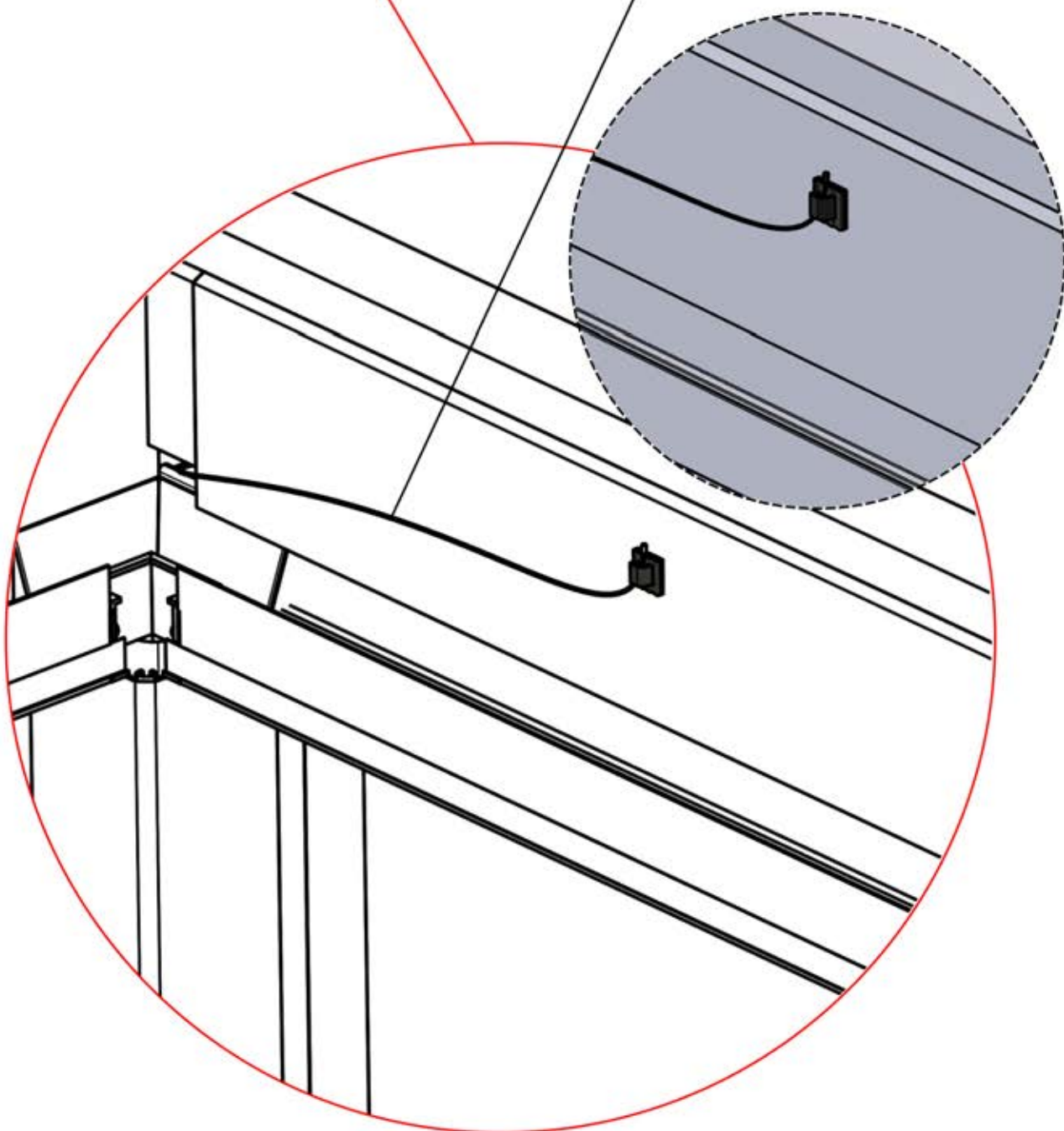
Matter Antenna Clip
1x



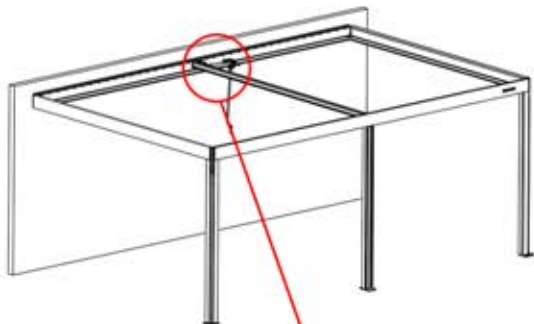
41



Matter Antenna



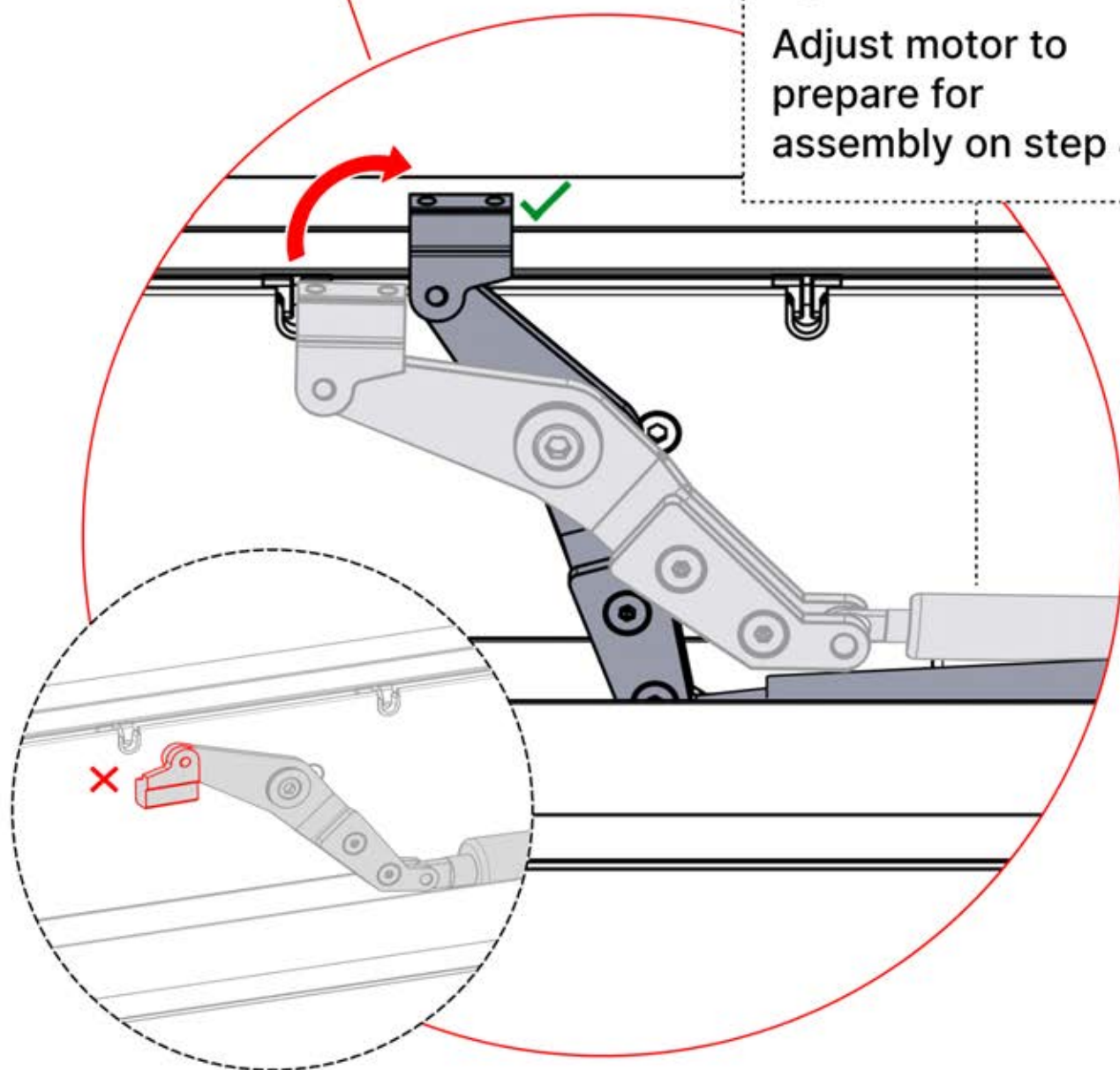
42



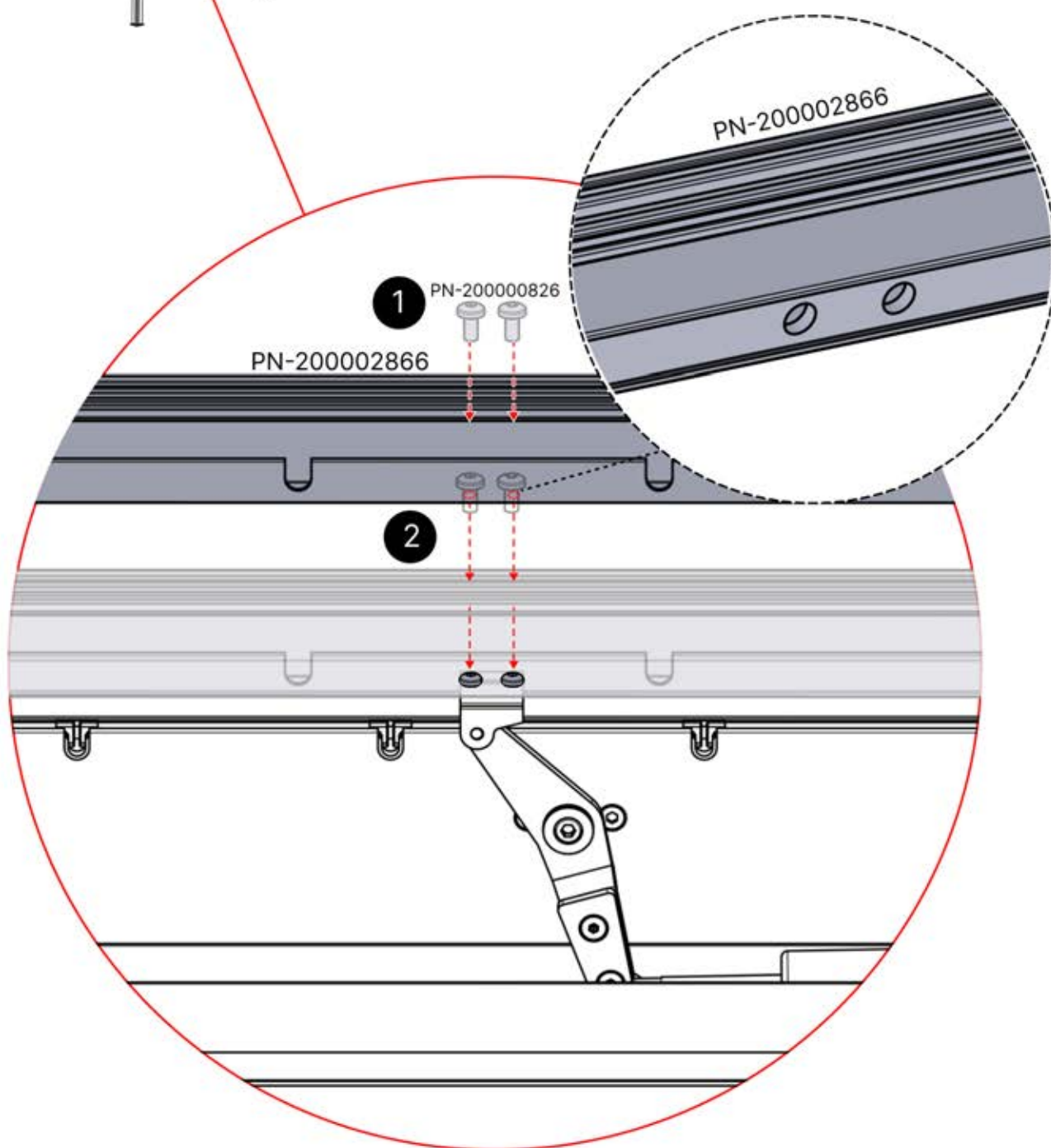
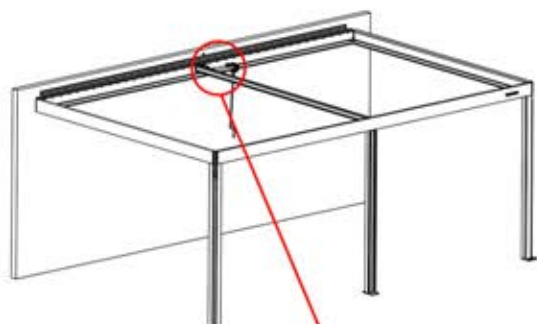
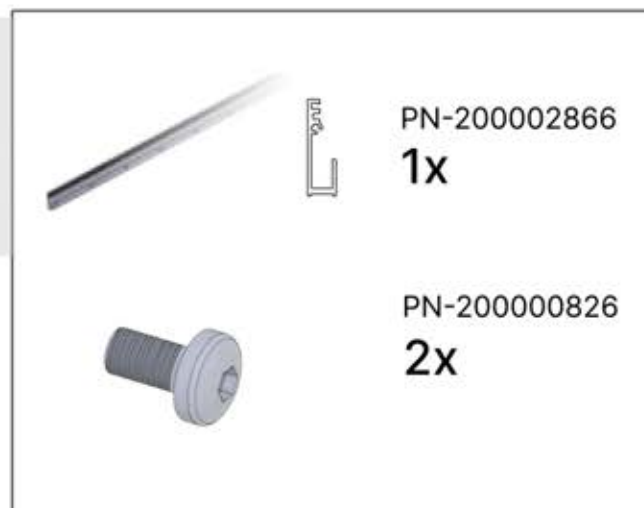
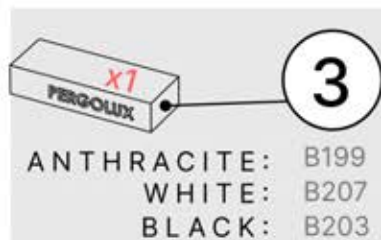
Hand Crank



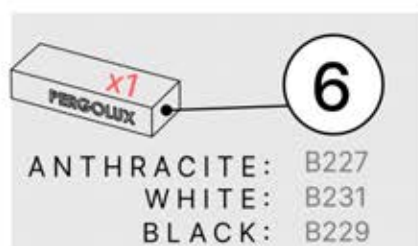
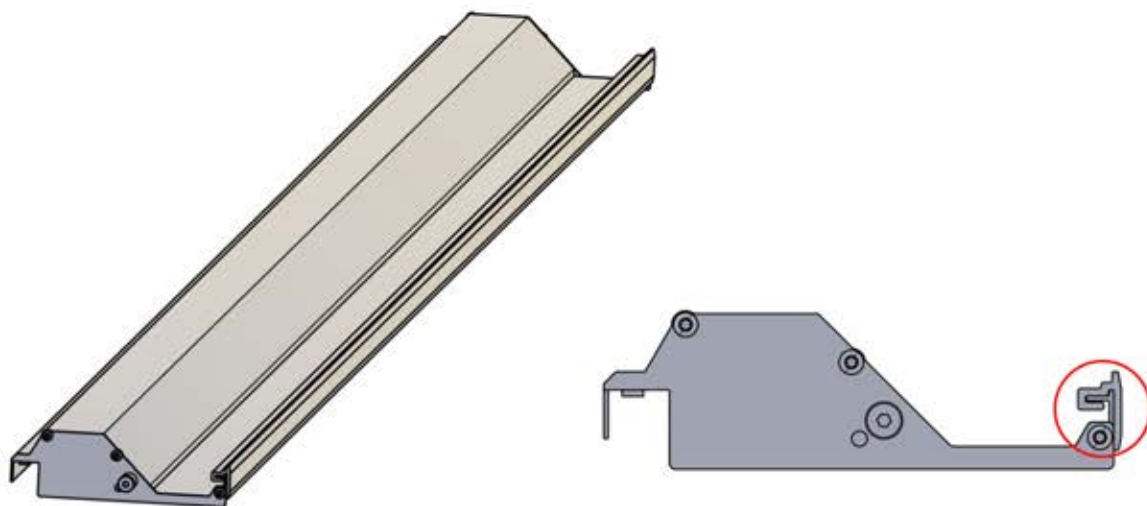
Adjust motor to
prepare for
assembly on step 43



43

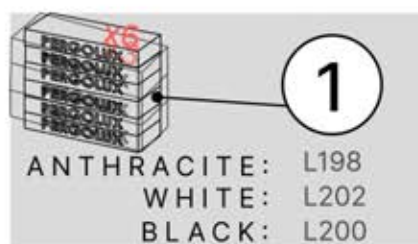
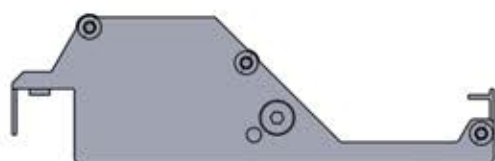


PERGOLA LOUVERS

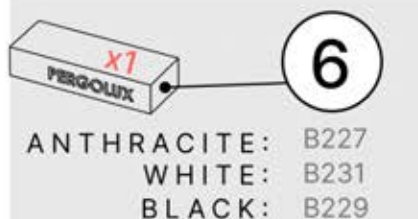


PERGOLA 4M WM END LOUVER
PN-200002892

1x

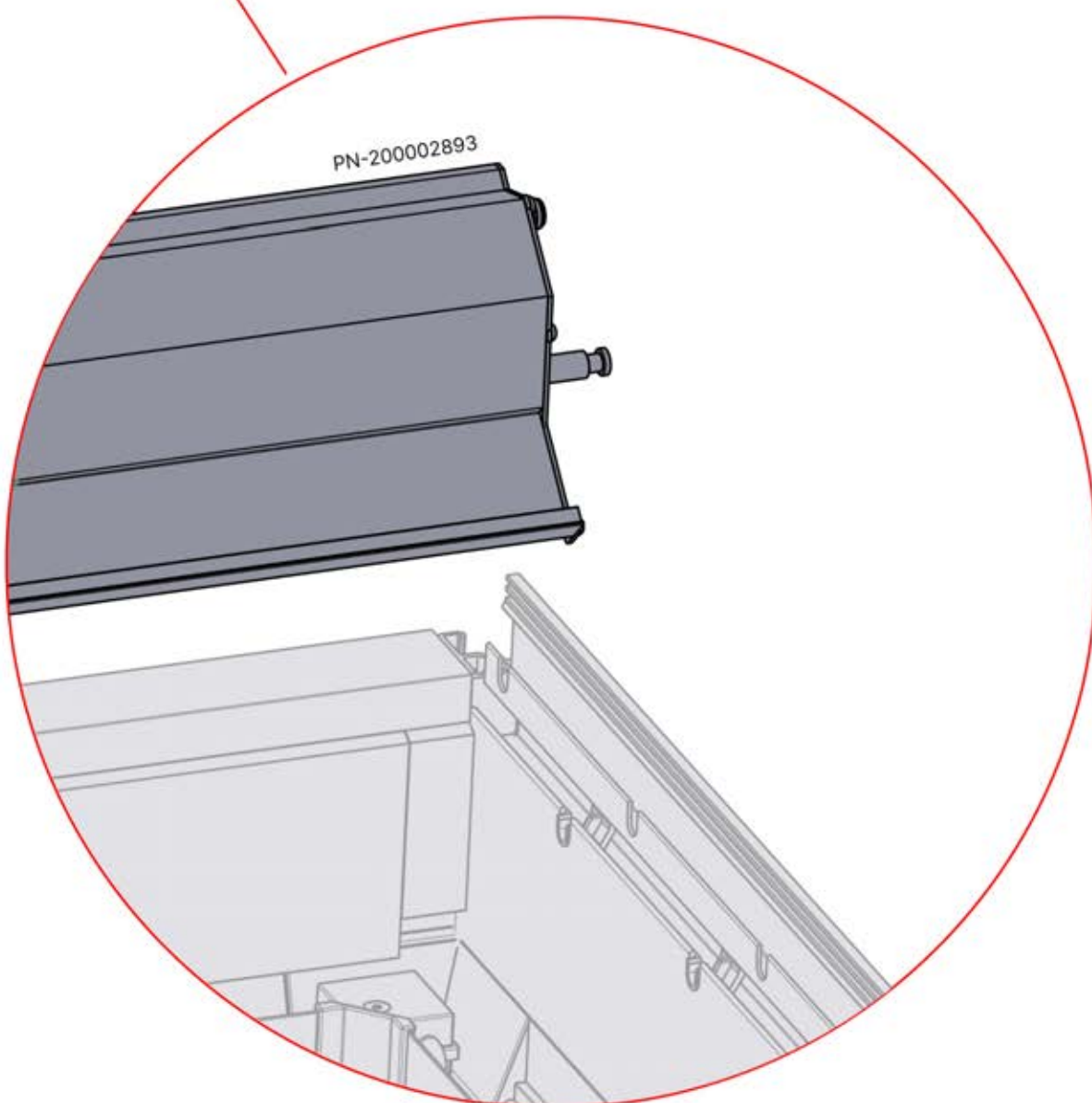
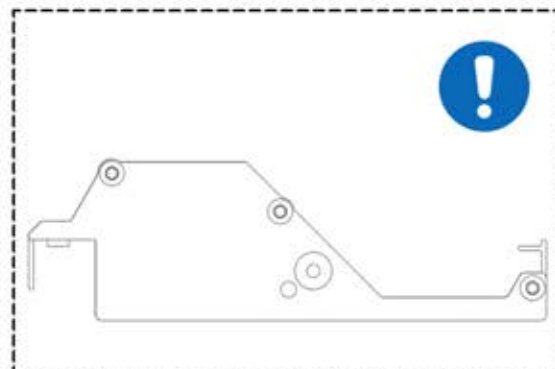
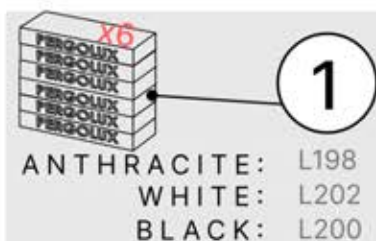


PERGOLA 4M WM LOUVER
PN-200002893

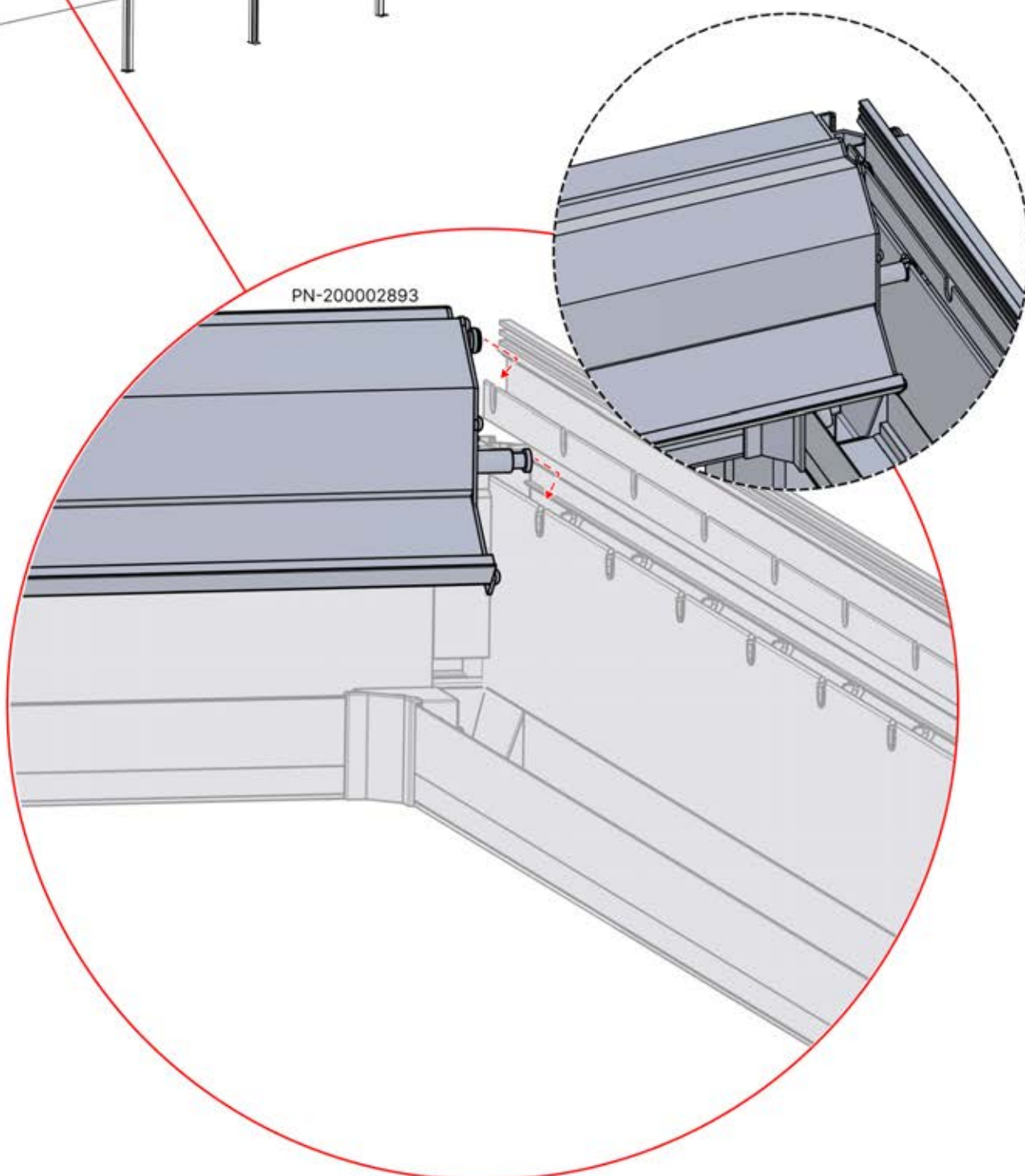
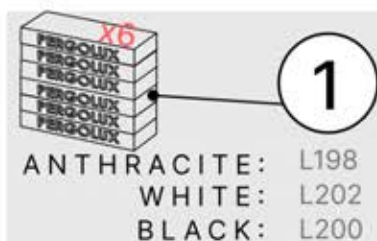


37x

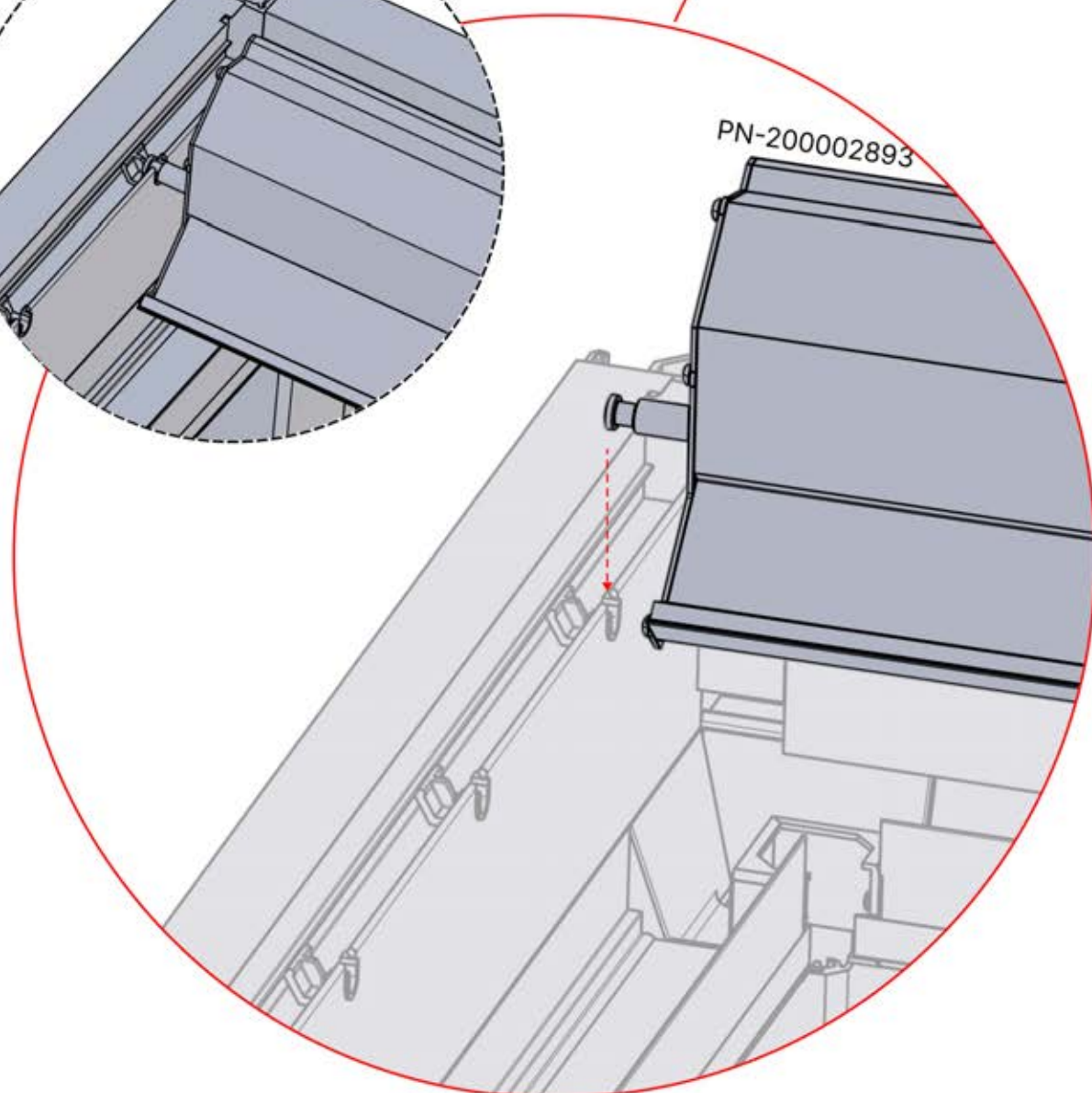
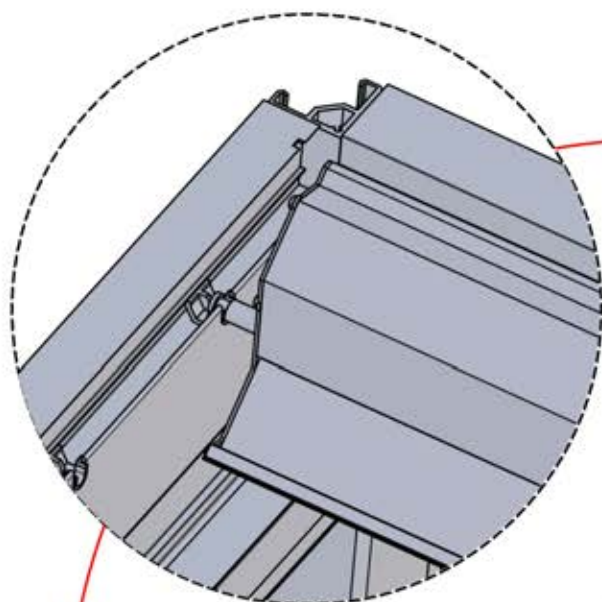
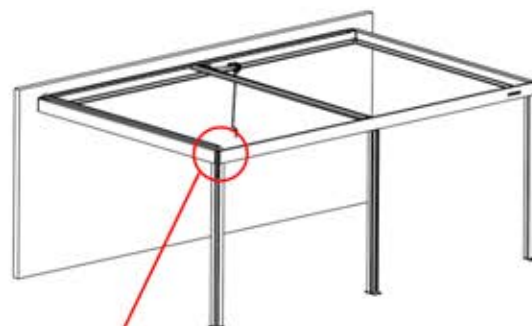
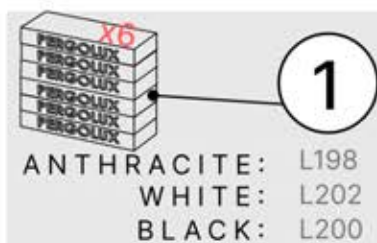
44



45



46



47

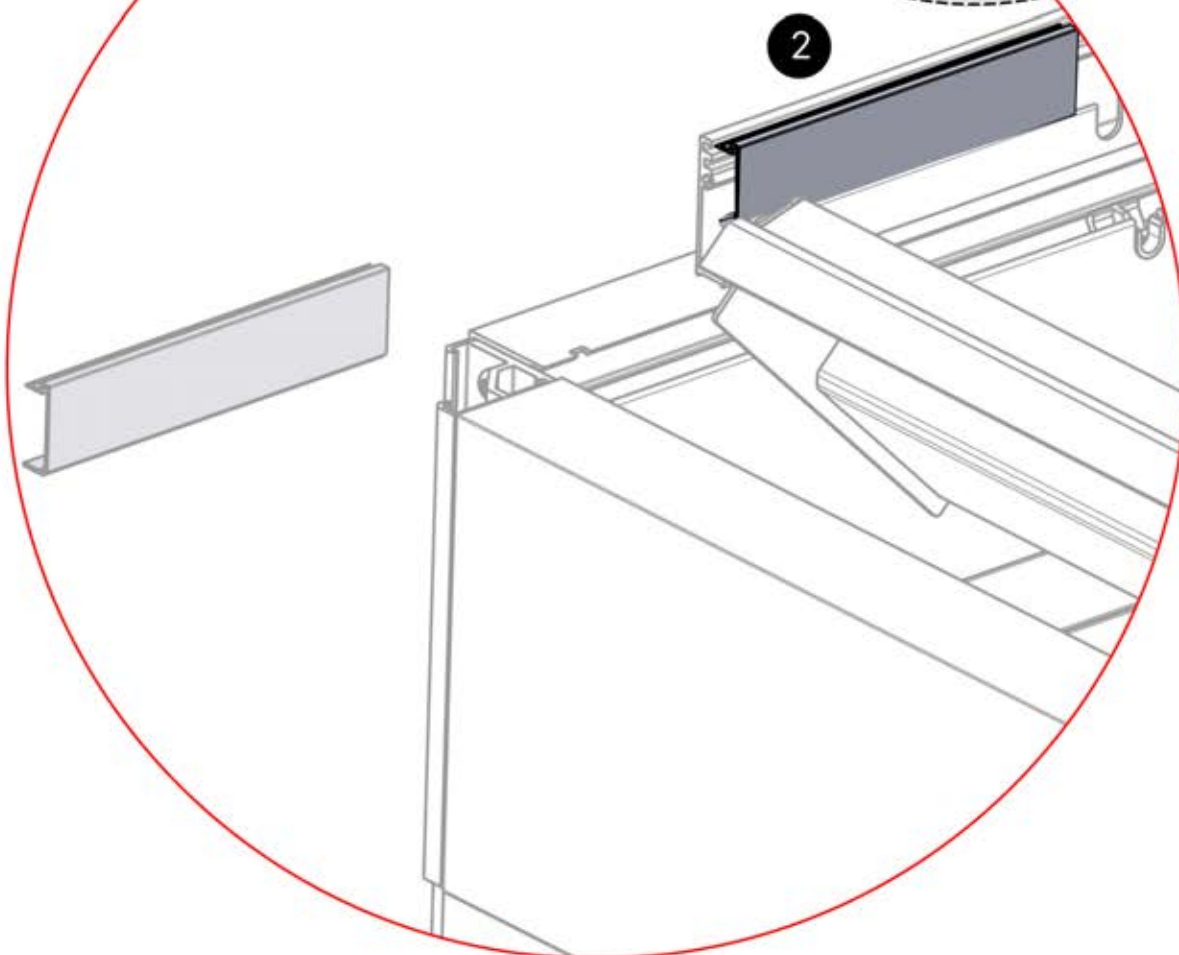
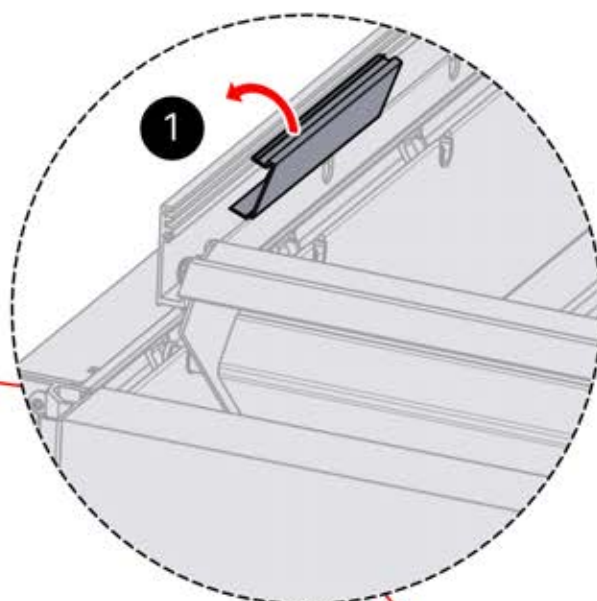


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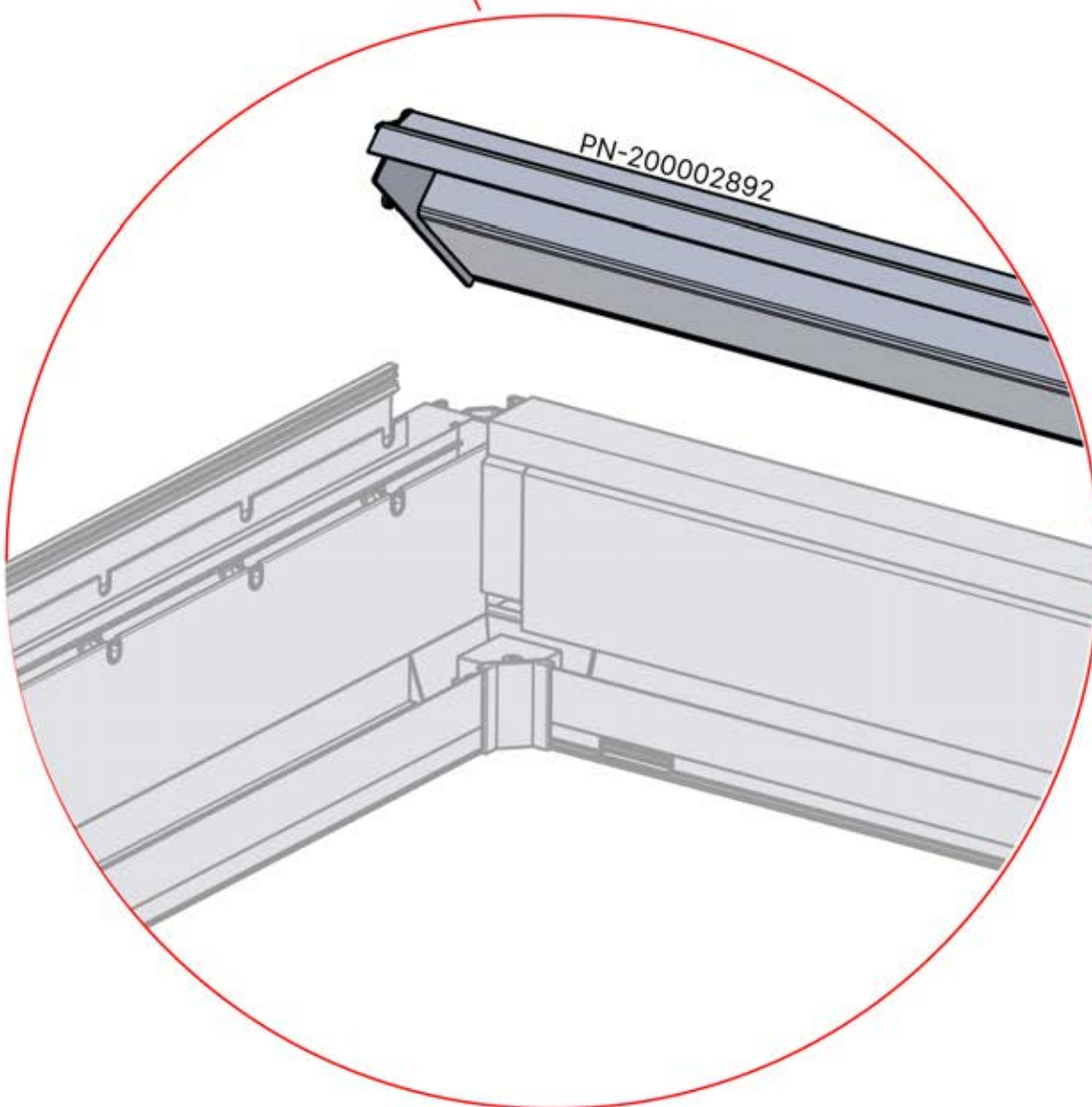
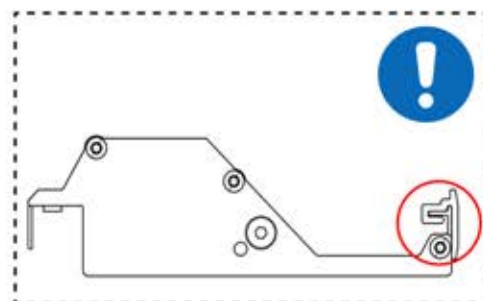
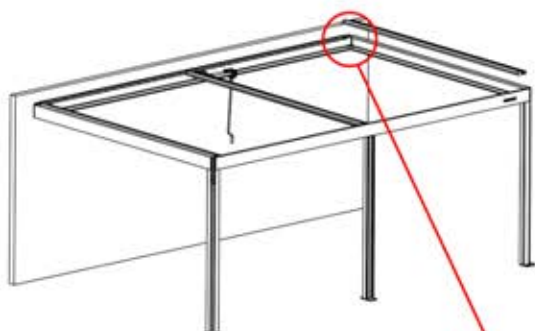
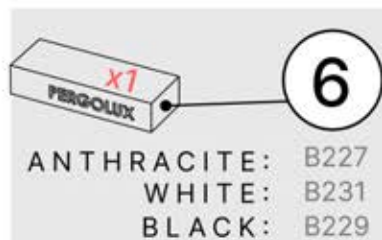
ANTHRACITE:	B199
WHITE:	B207
BLACK:	B203



PN-200003033
1x



48

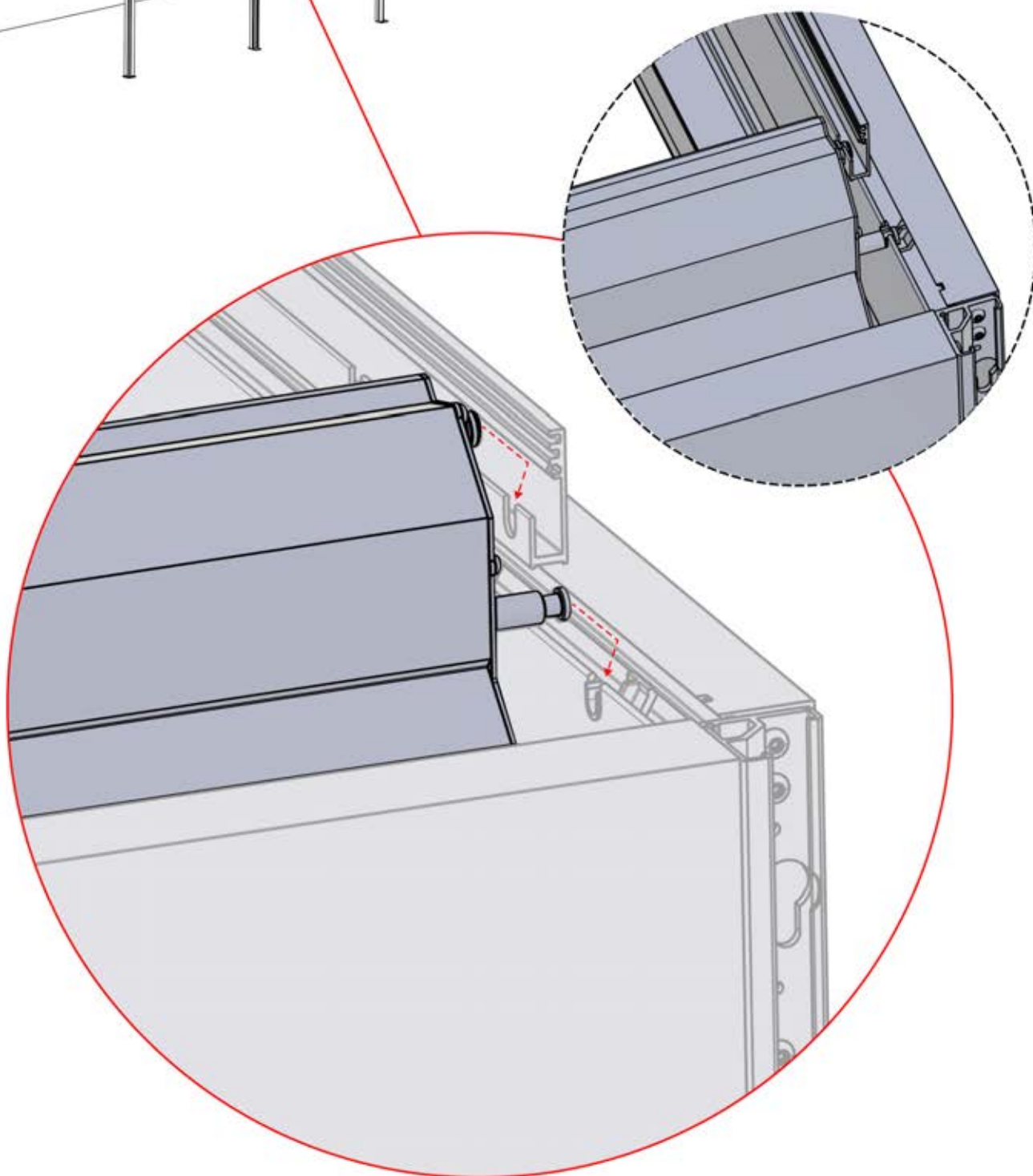
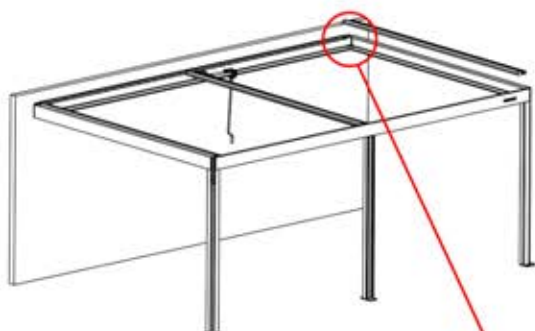


49

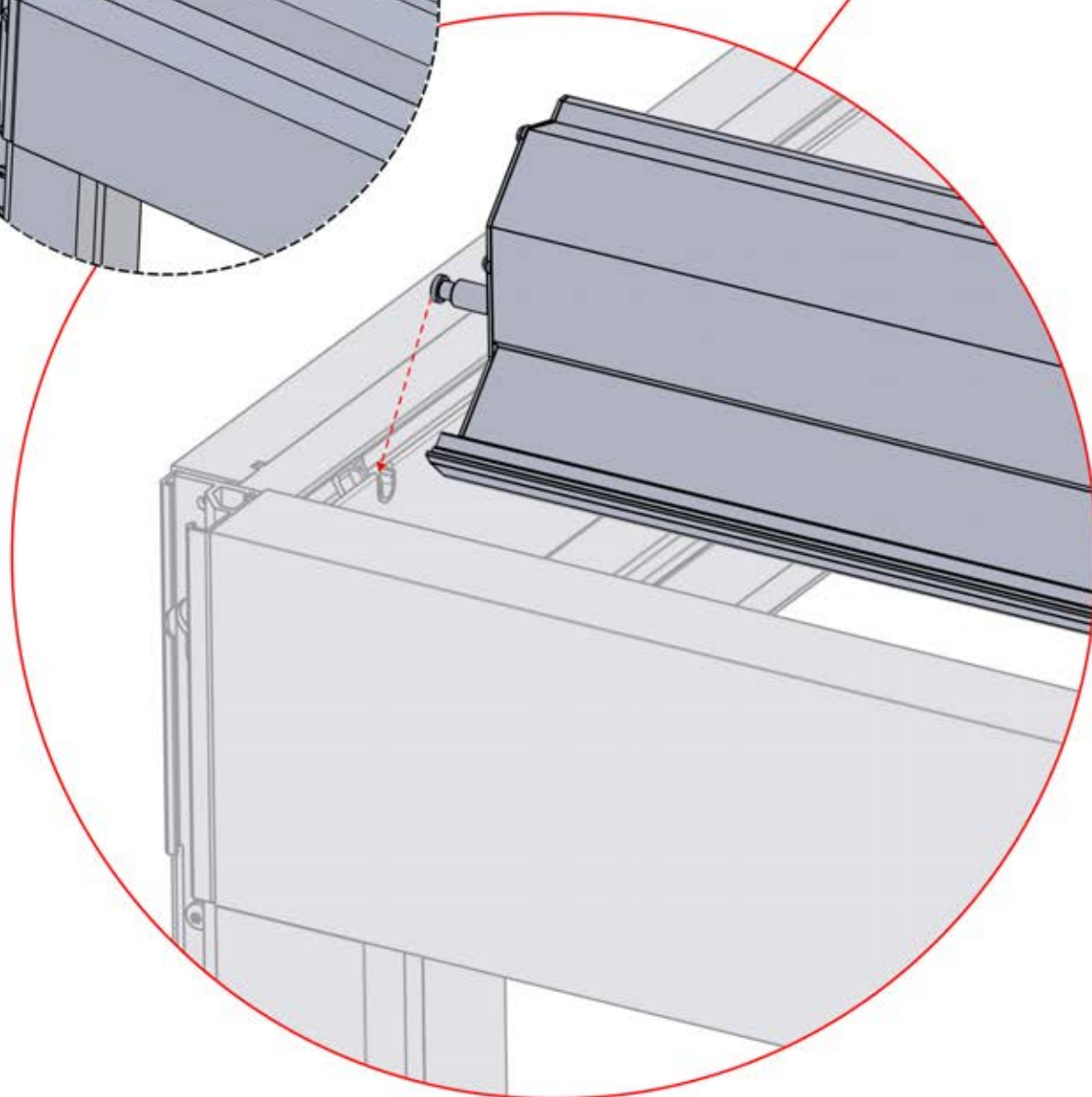
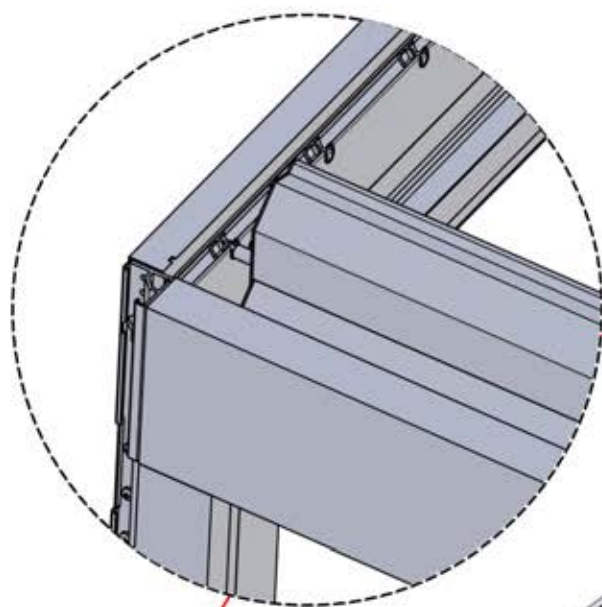
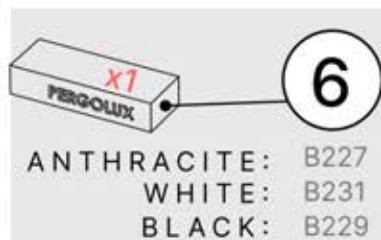


6

ANTHRACITE: B227
WHITE: B231
BLACK: B229



50



51



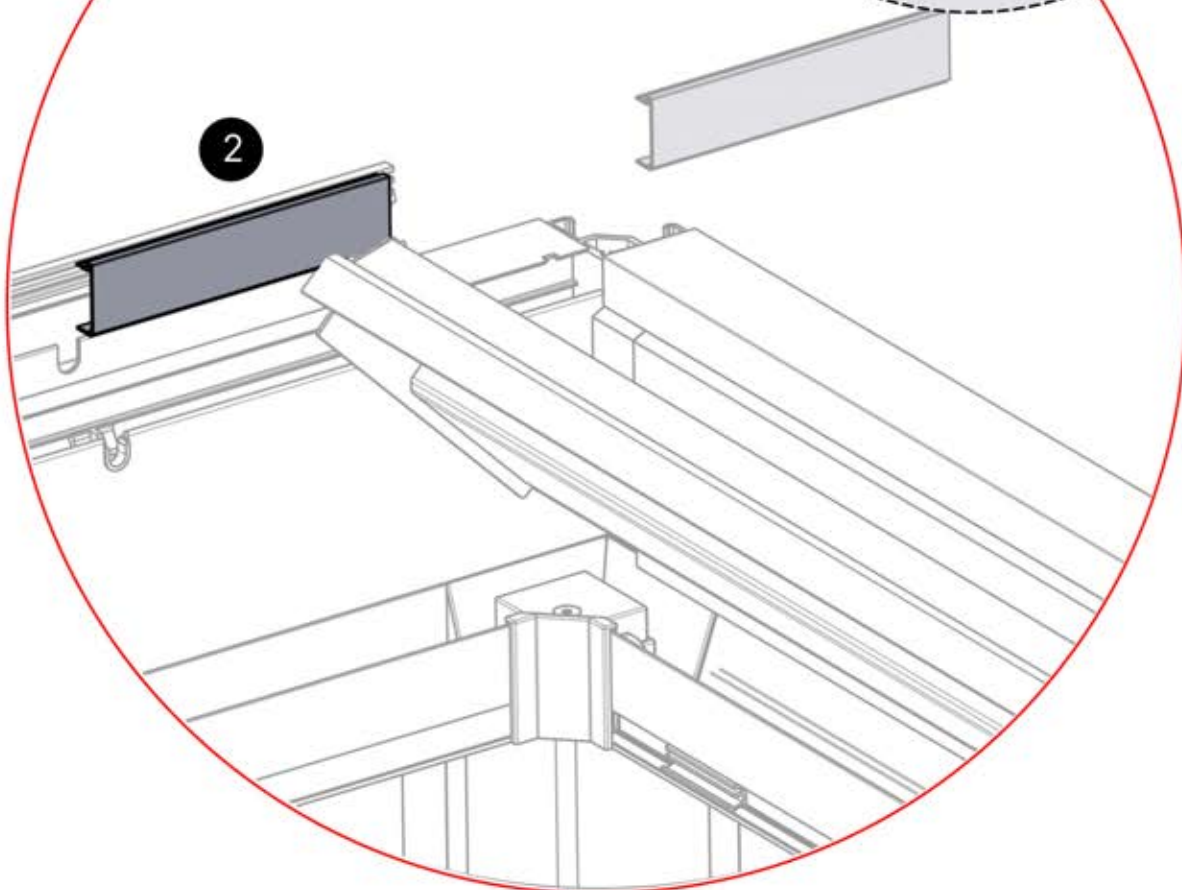
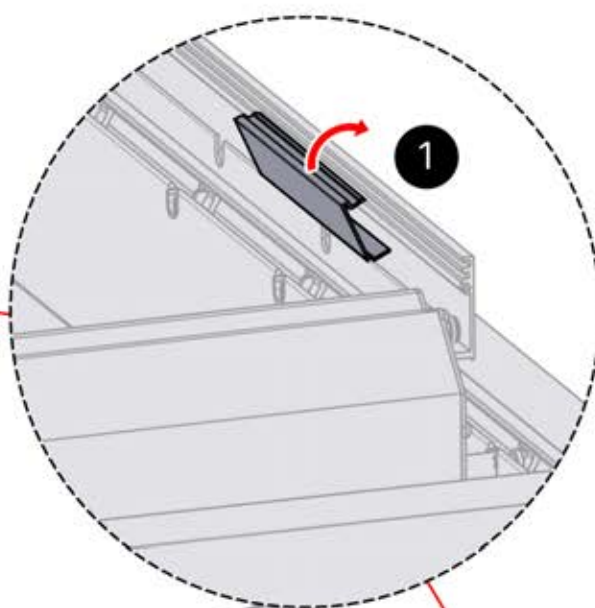
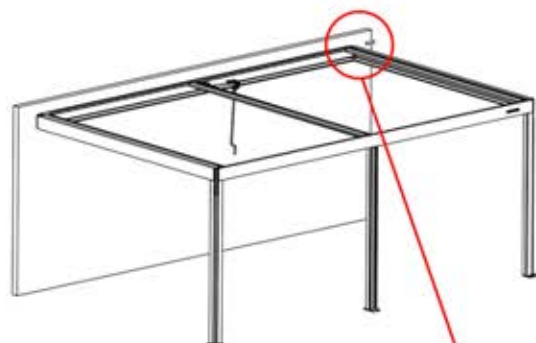
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ANTHRACITE: B199
WHITE: B207
BLACK: B203

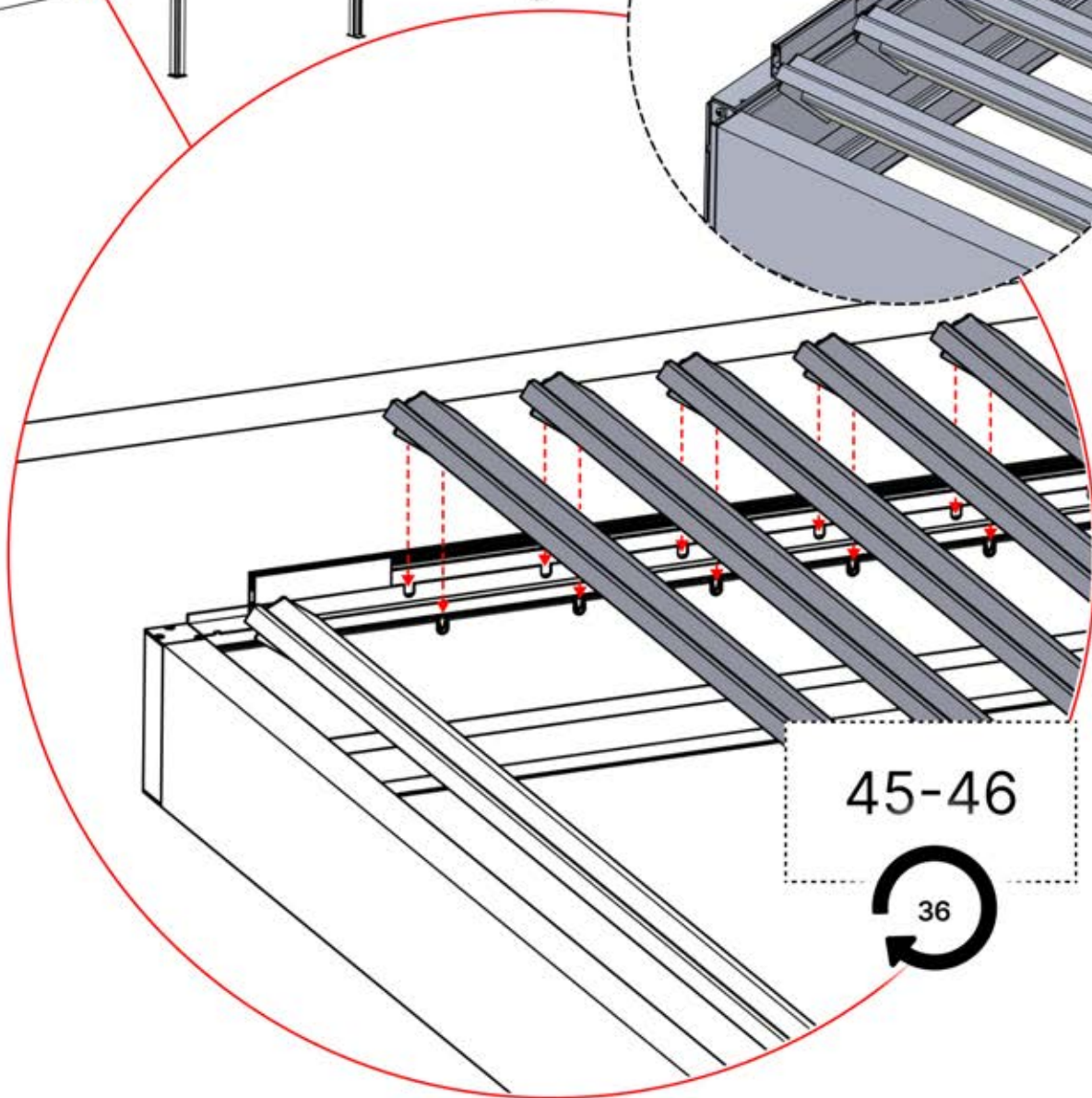
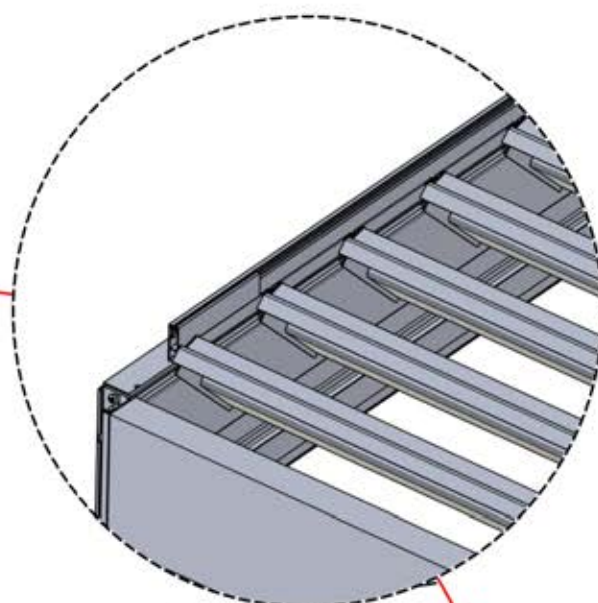
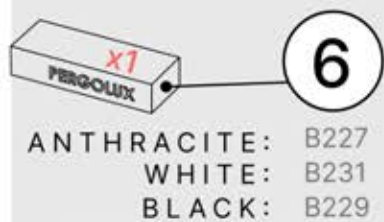
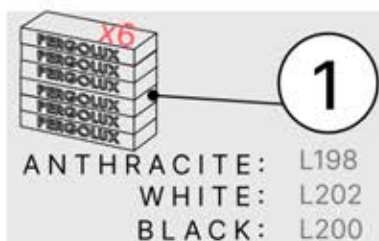


PN-200003033

1x



52



45-46



53



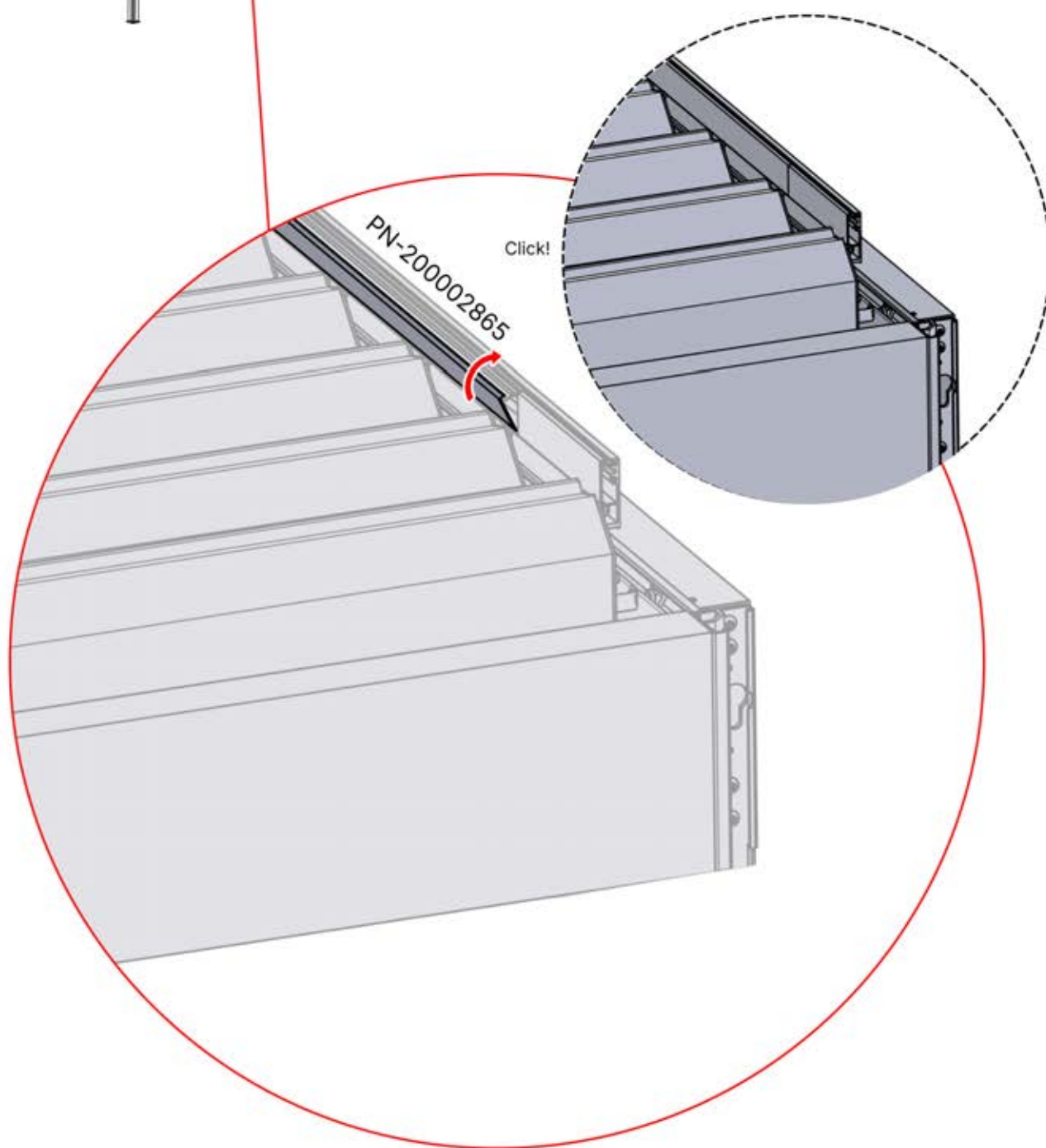
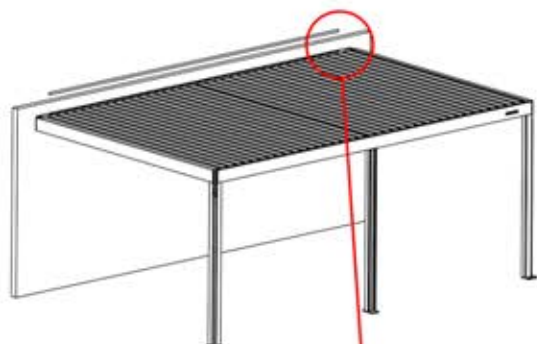
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ANTHRACITE: B199
WHITE: B207
BLACK: B203

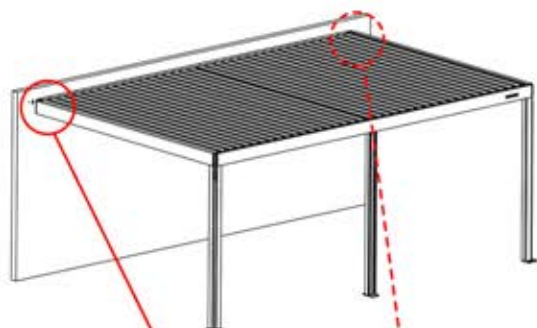
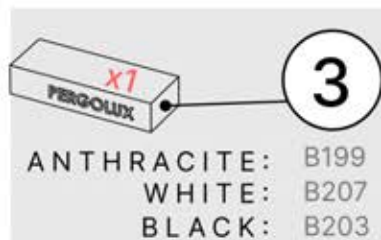


PN-200002865

1x



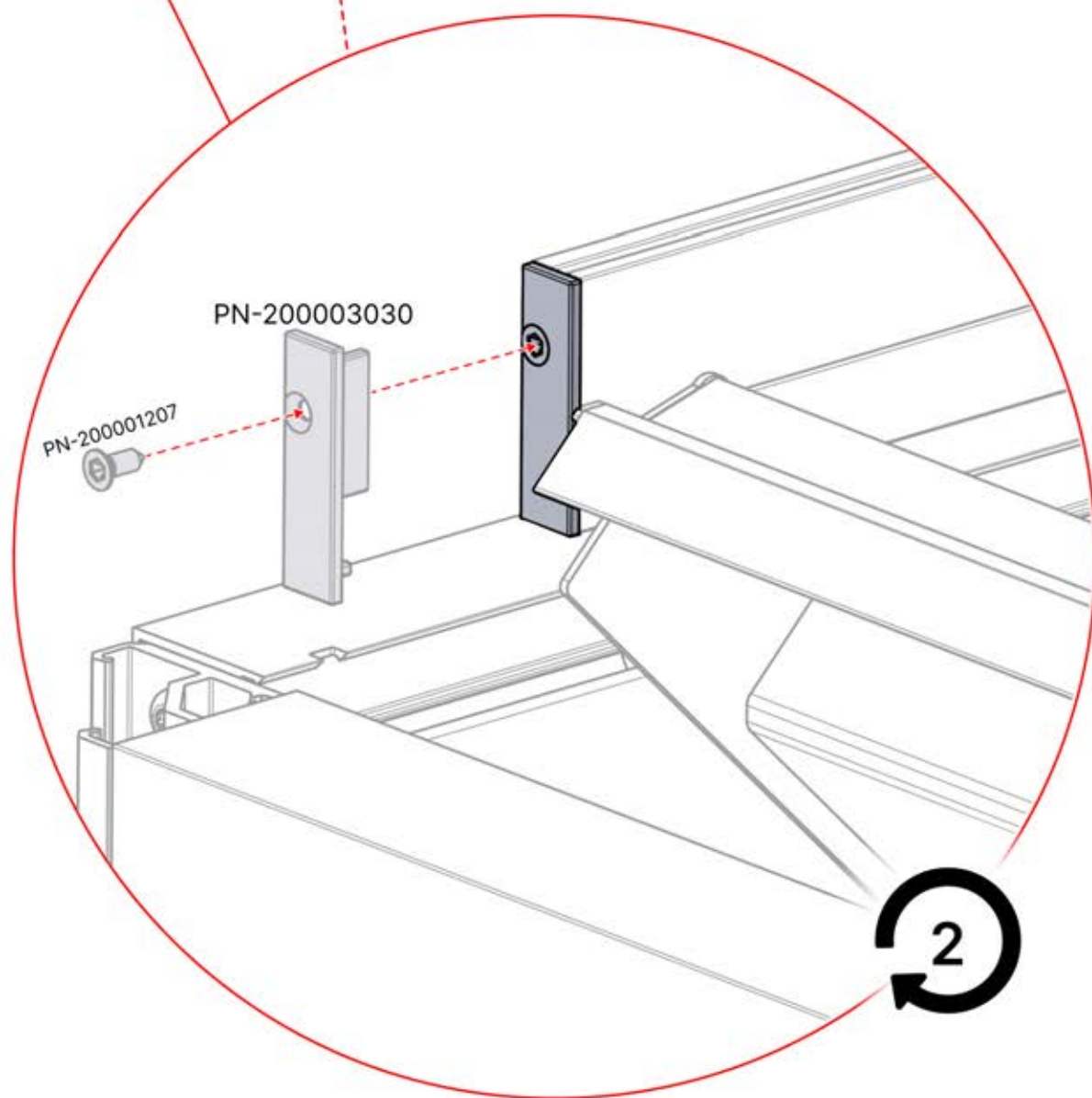
54



PN-200003030
1x

PN-200003030
1x

PN-200001207
2x



55



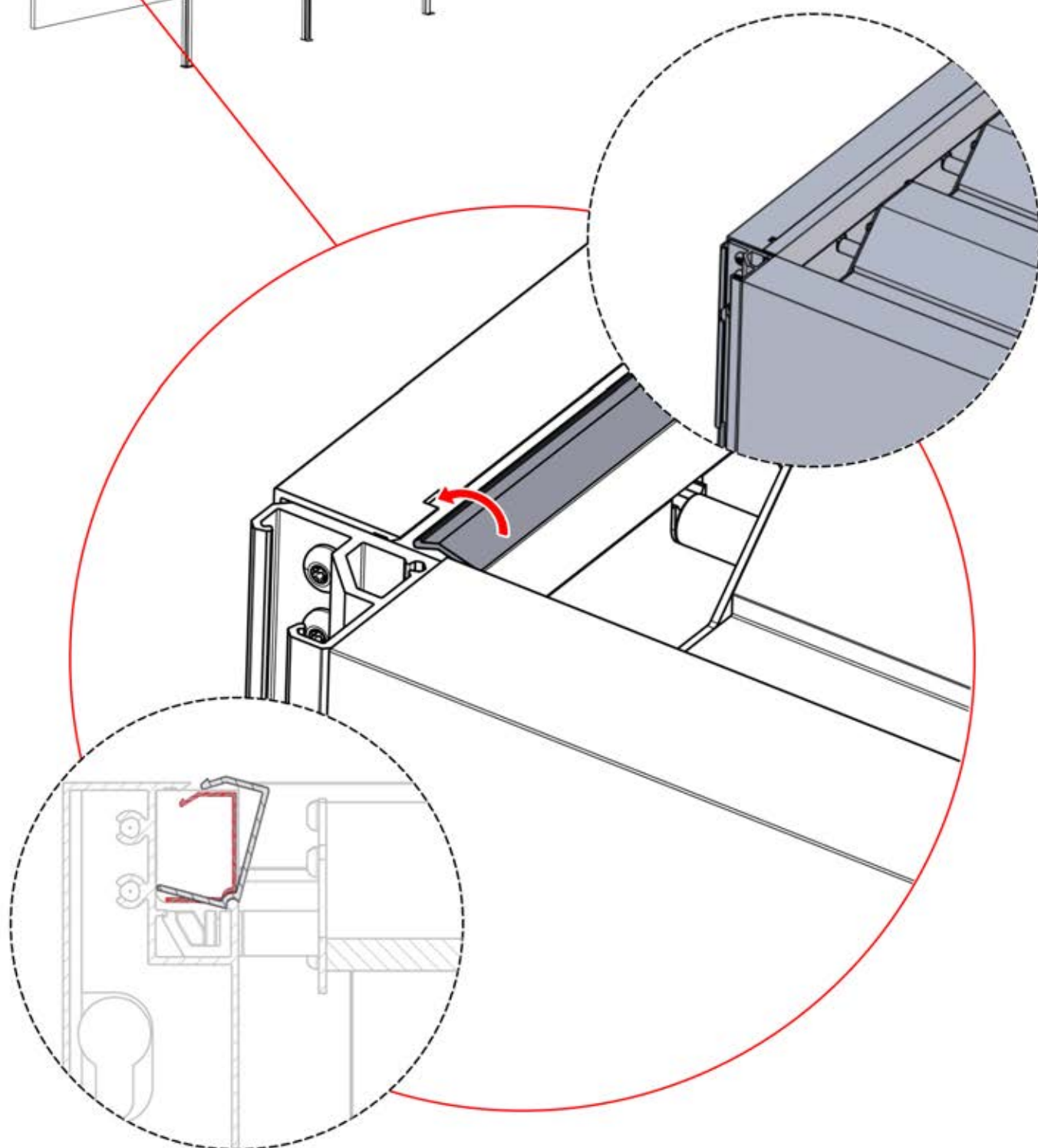
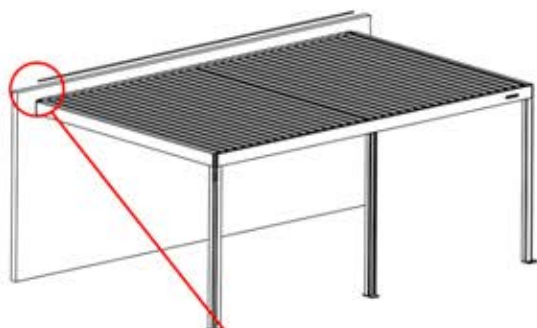
3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



PN-200002867

1x



56



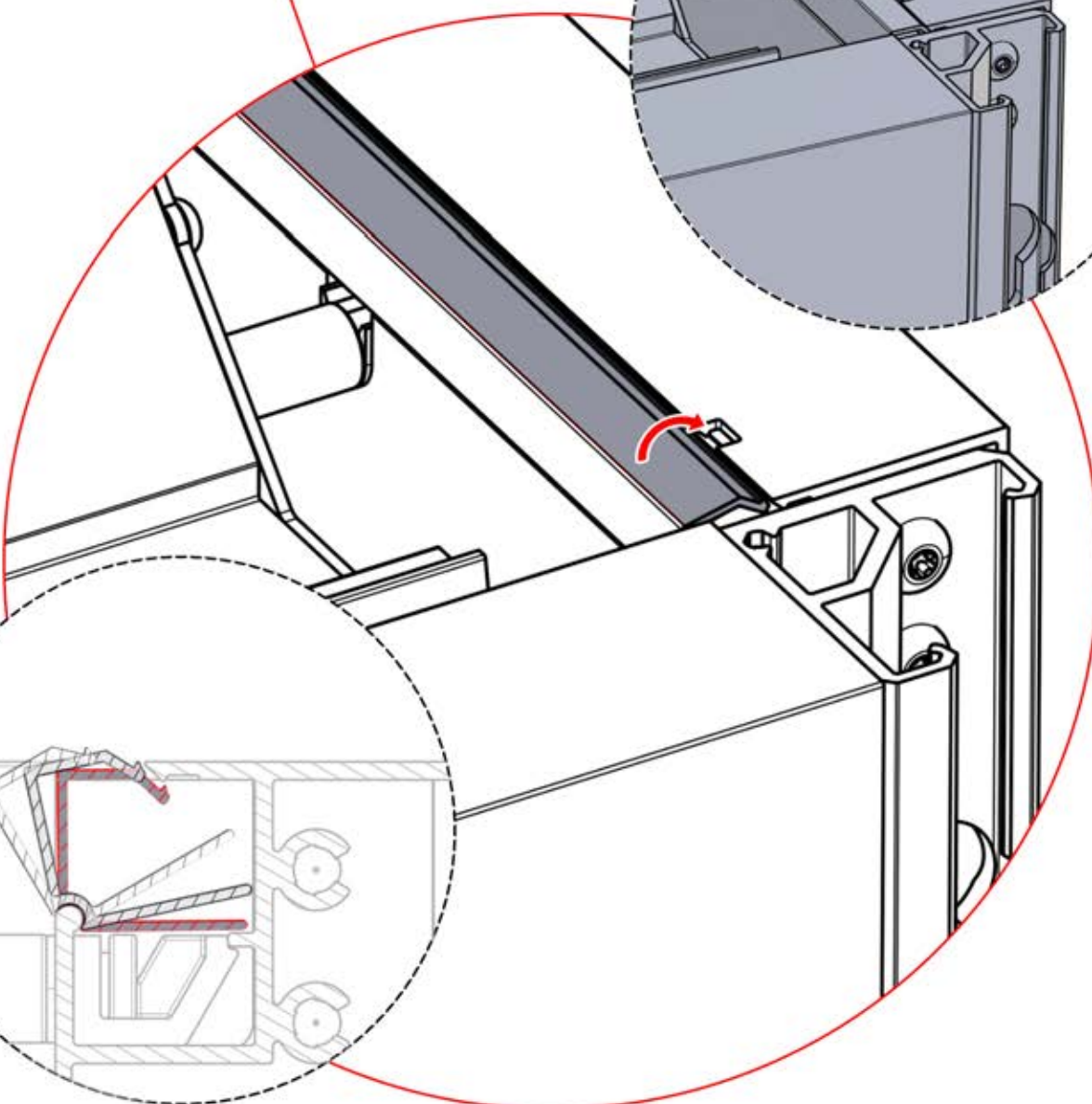
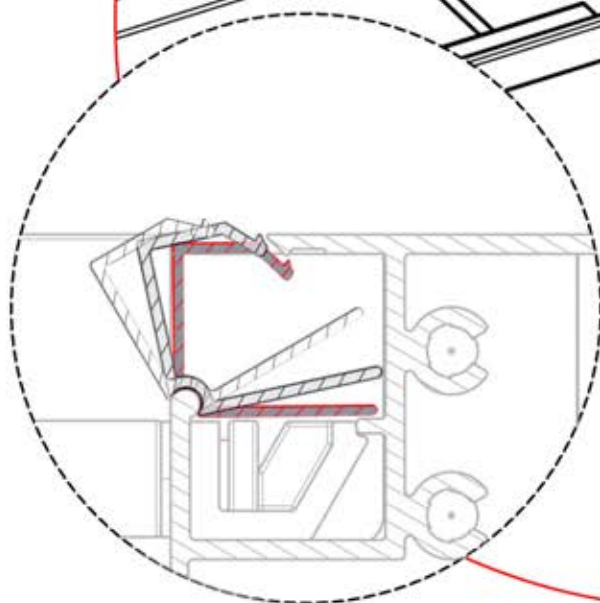
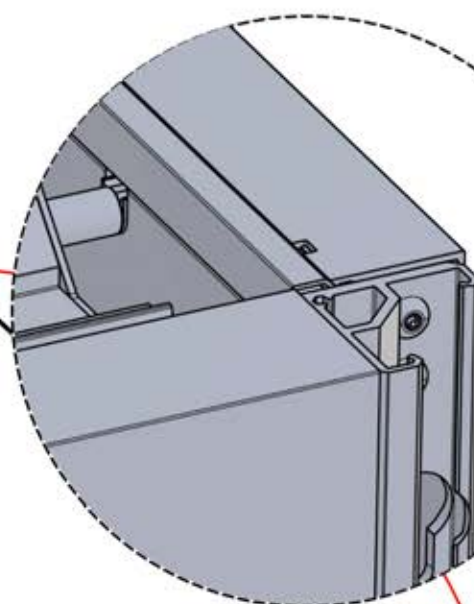
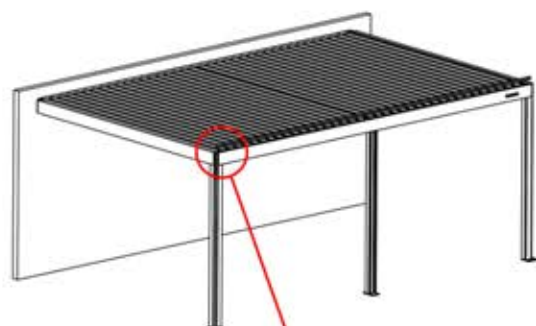
3

ANTHRACITE: B199
WHITE: B207
BLACK: B203



PN-200002863

1x



57



5

ANTHRACITE: C120
 WHITE: C122
 BLACK: C121



3

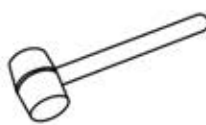
ANTHRACITE: B199
 WHITE: B207
 BLACK: B203

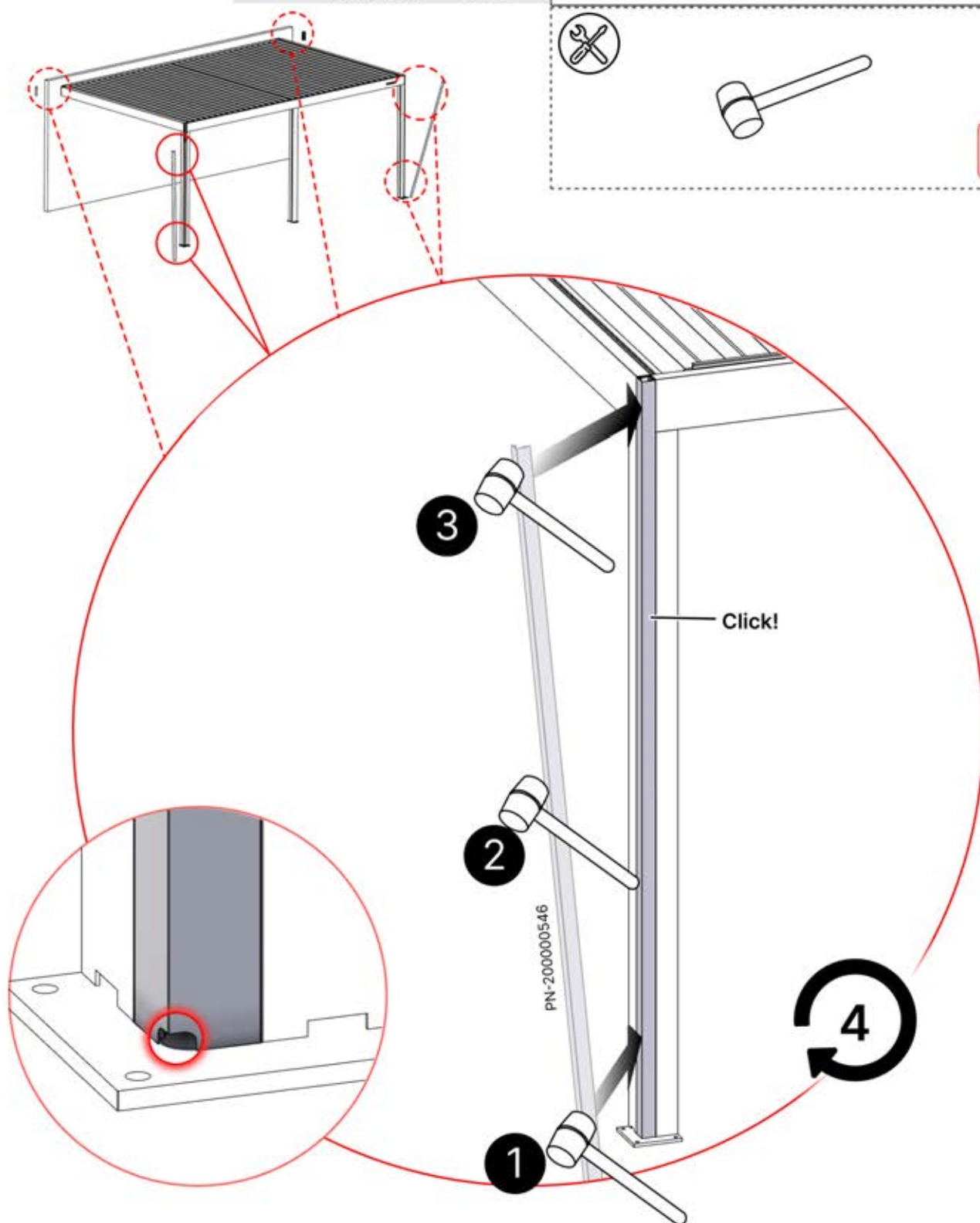


PN-200003386
2X

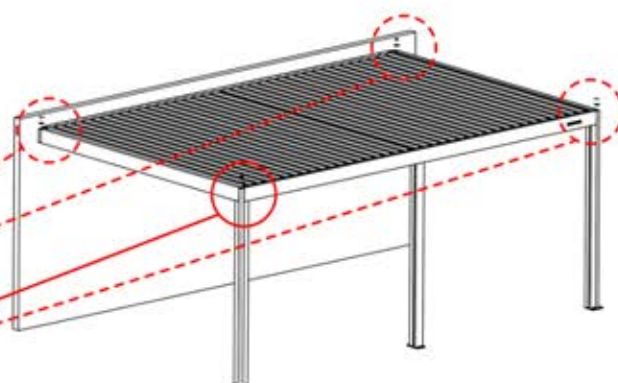
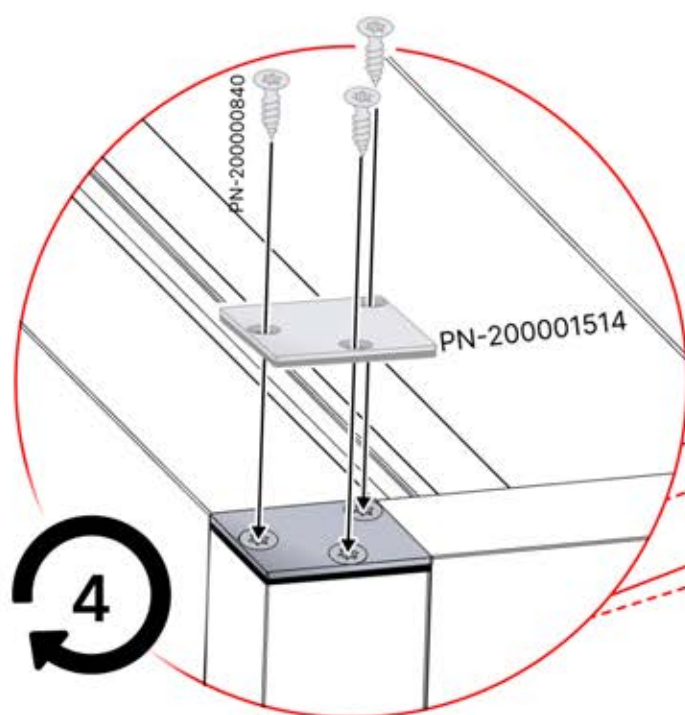
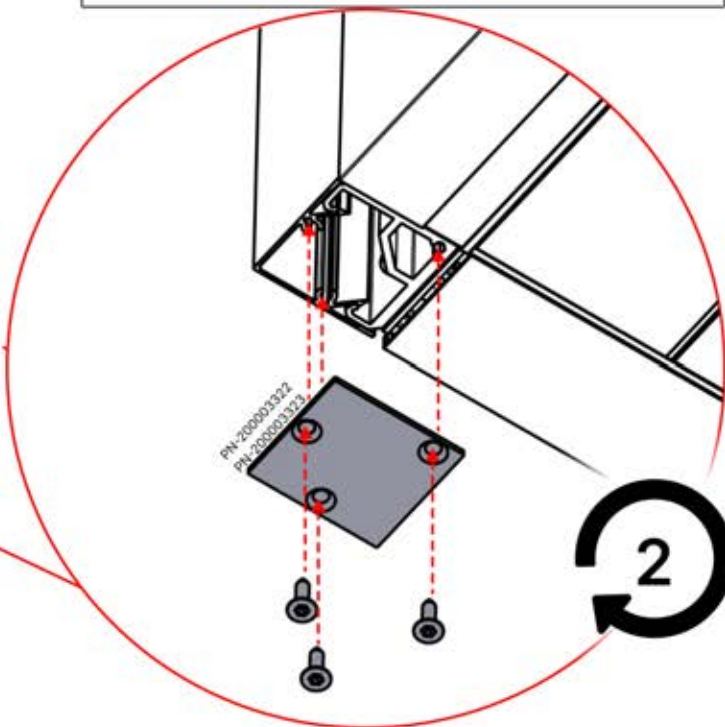
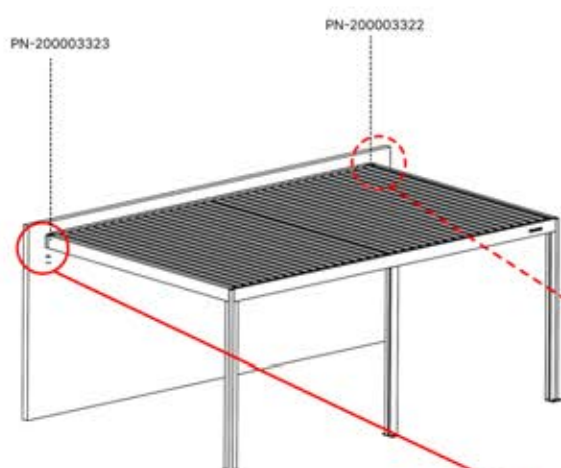
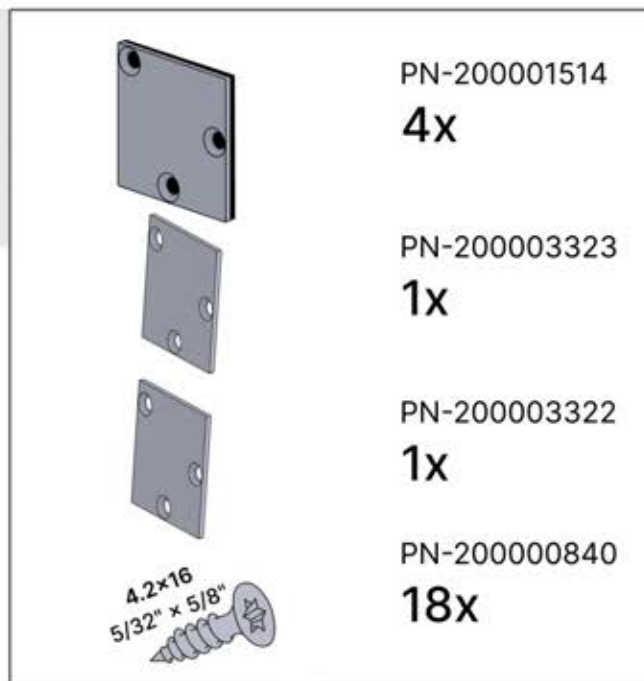
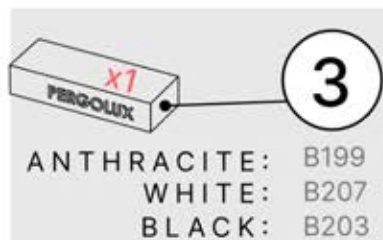


PN-200003324
2x

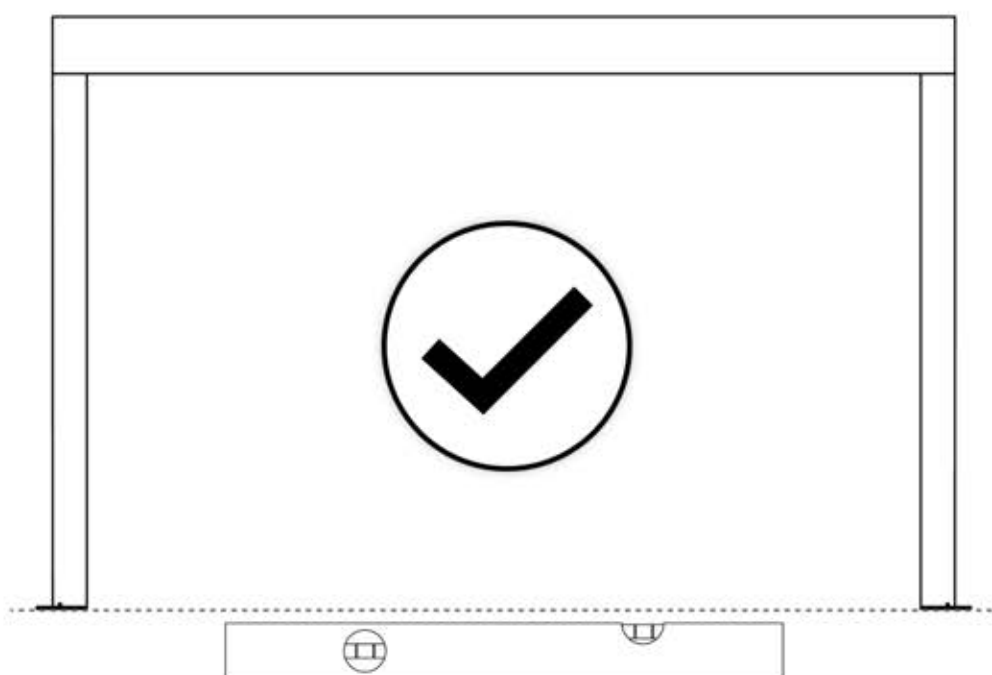
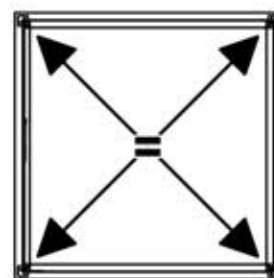
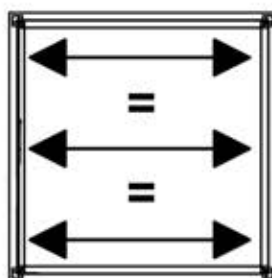
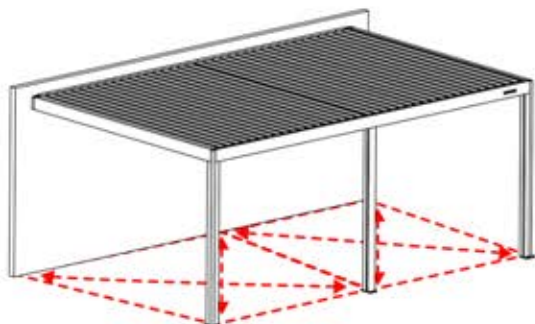
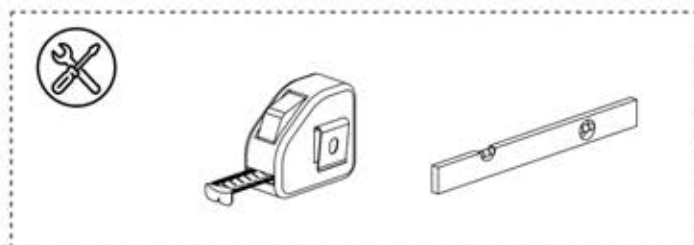



58



59

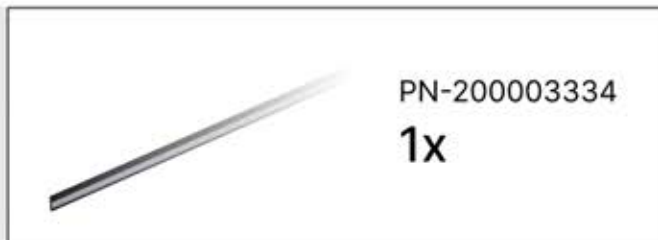


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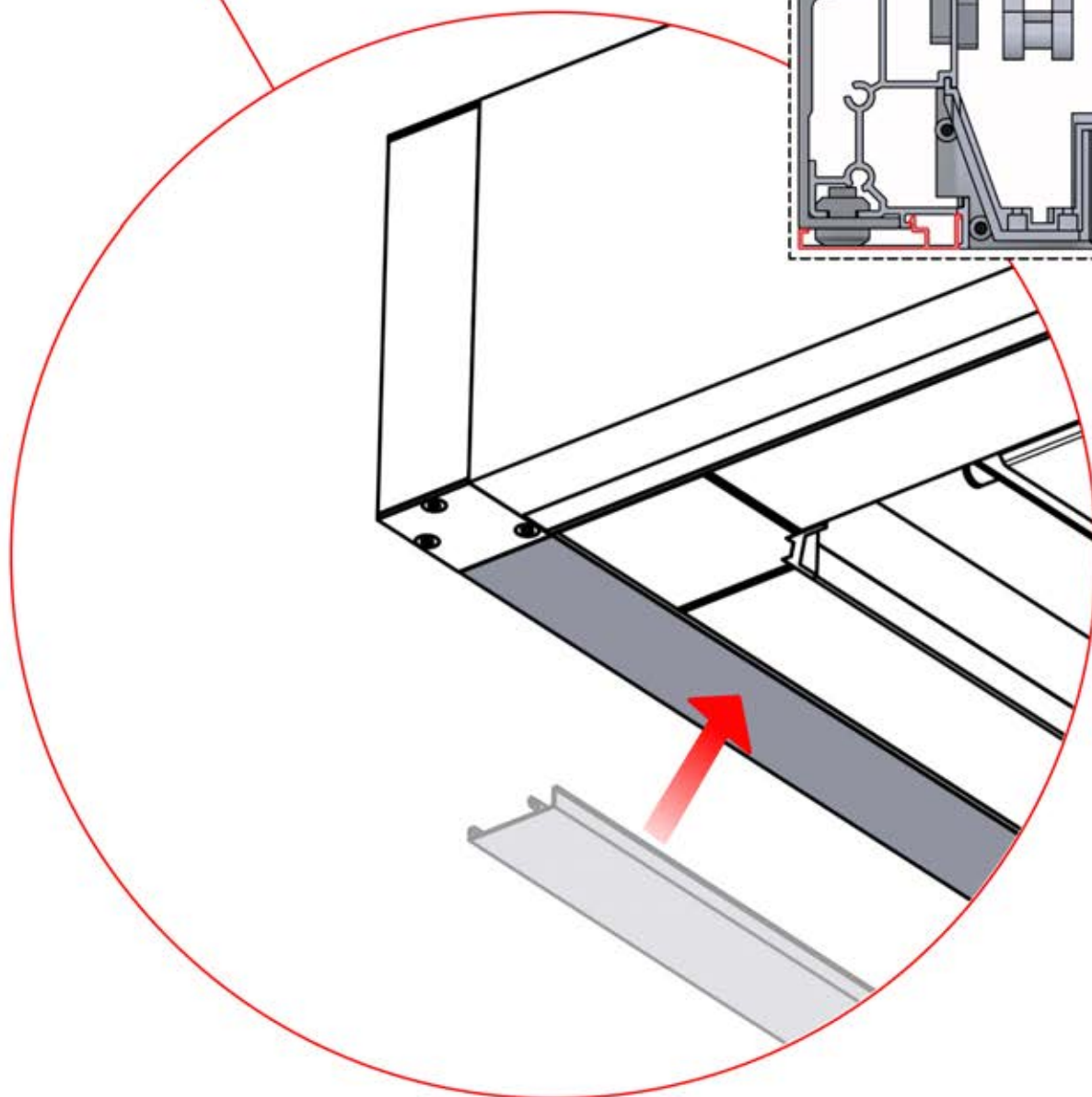
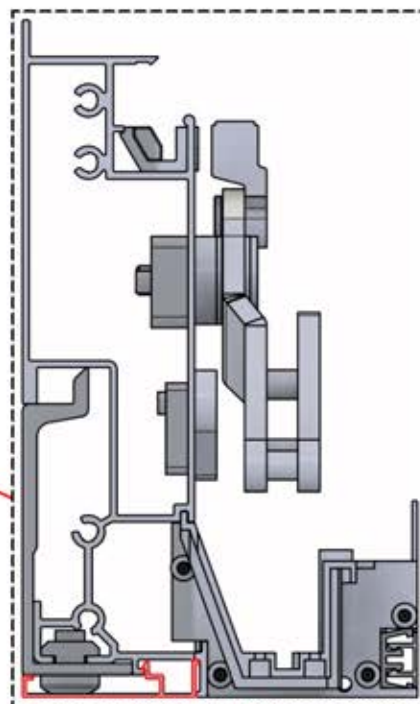
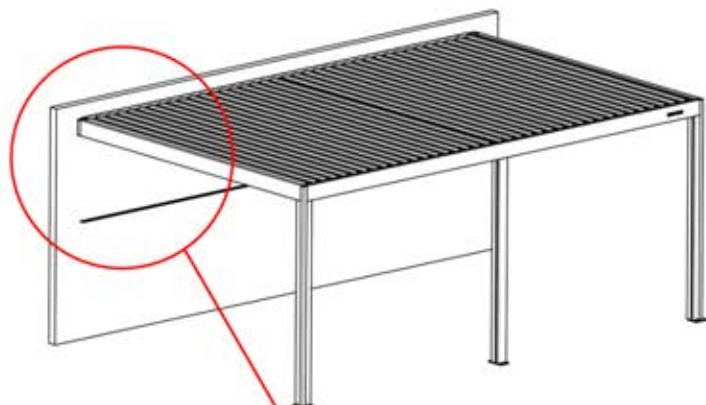
3

ANTHRACITE: B199
WHITE: B207
BLACK: B203

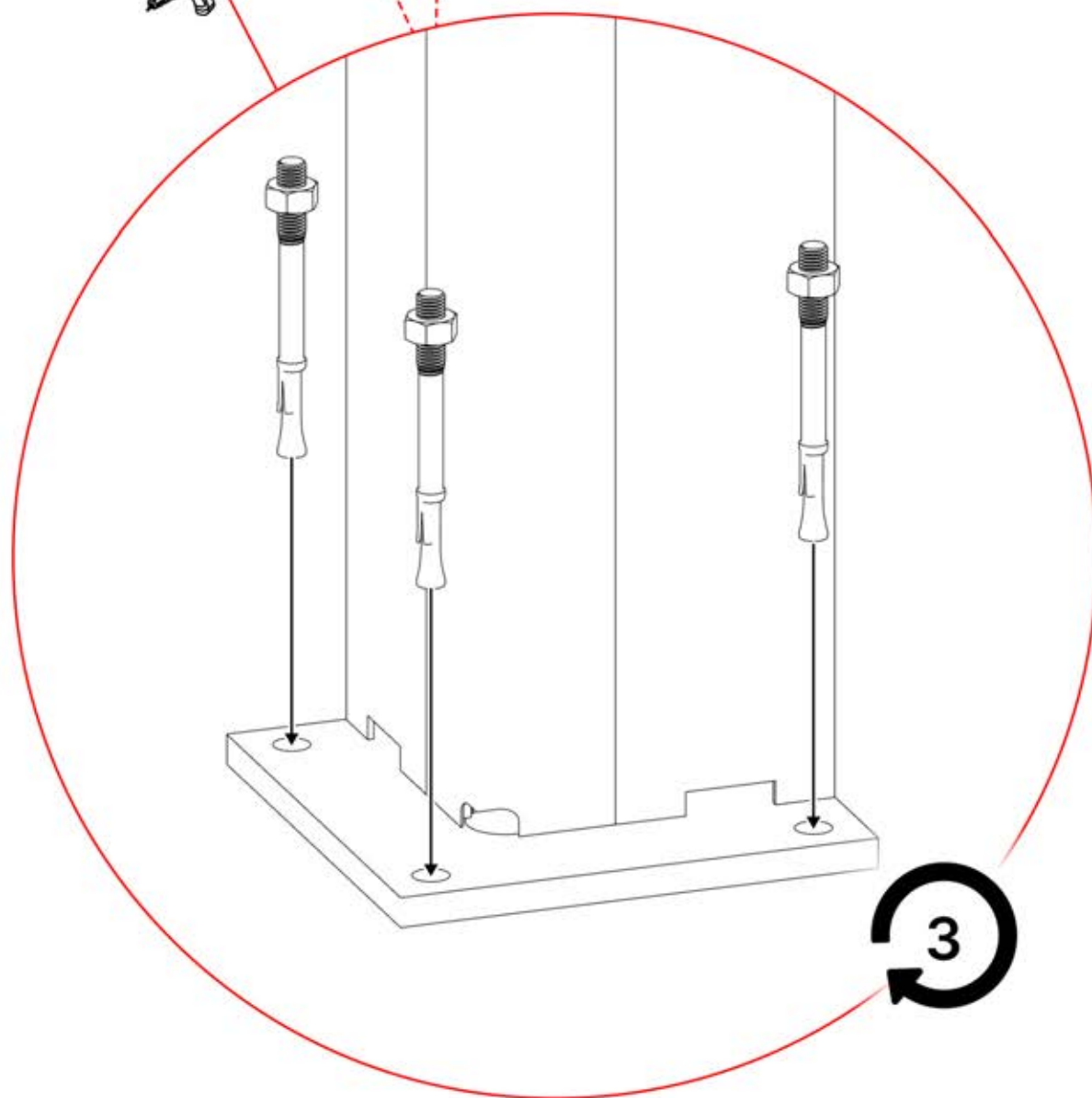
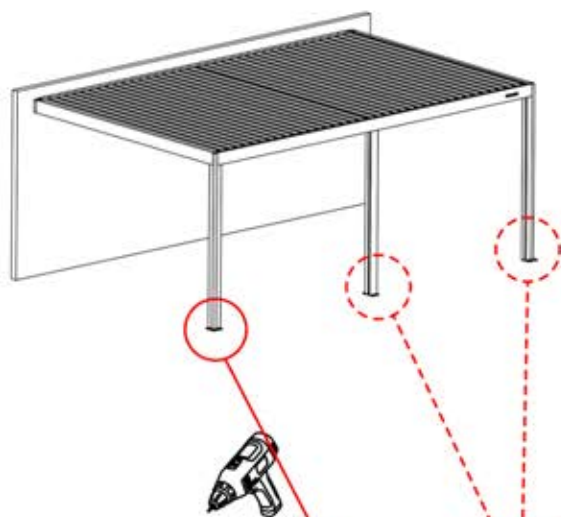
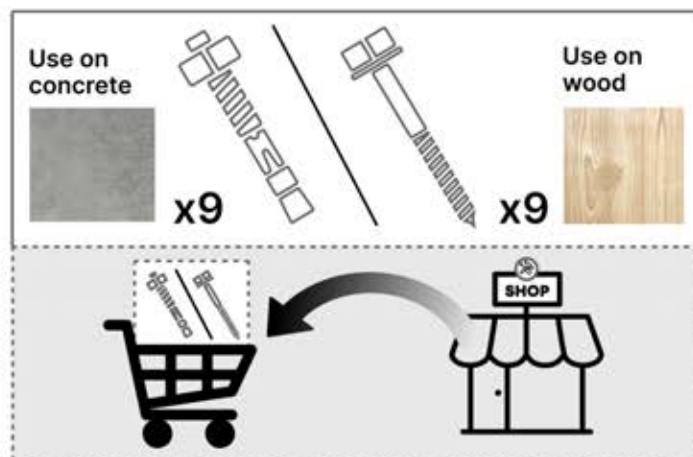


PN-200003334

1x



61



PERGOLUX | PERGOLA WALL MOUNTED S4

4 × 6 M / 13' x 19'



Type Approved
Regular
Production
Surveillance

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