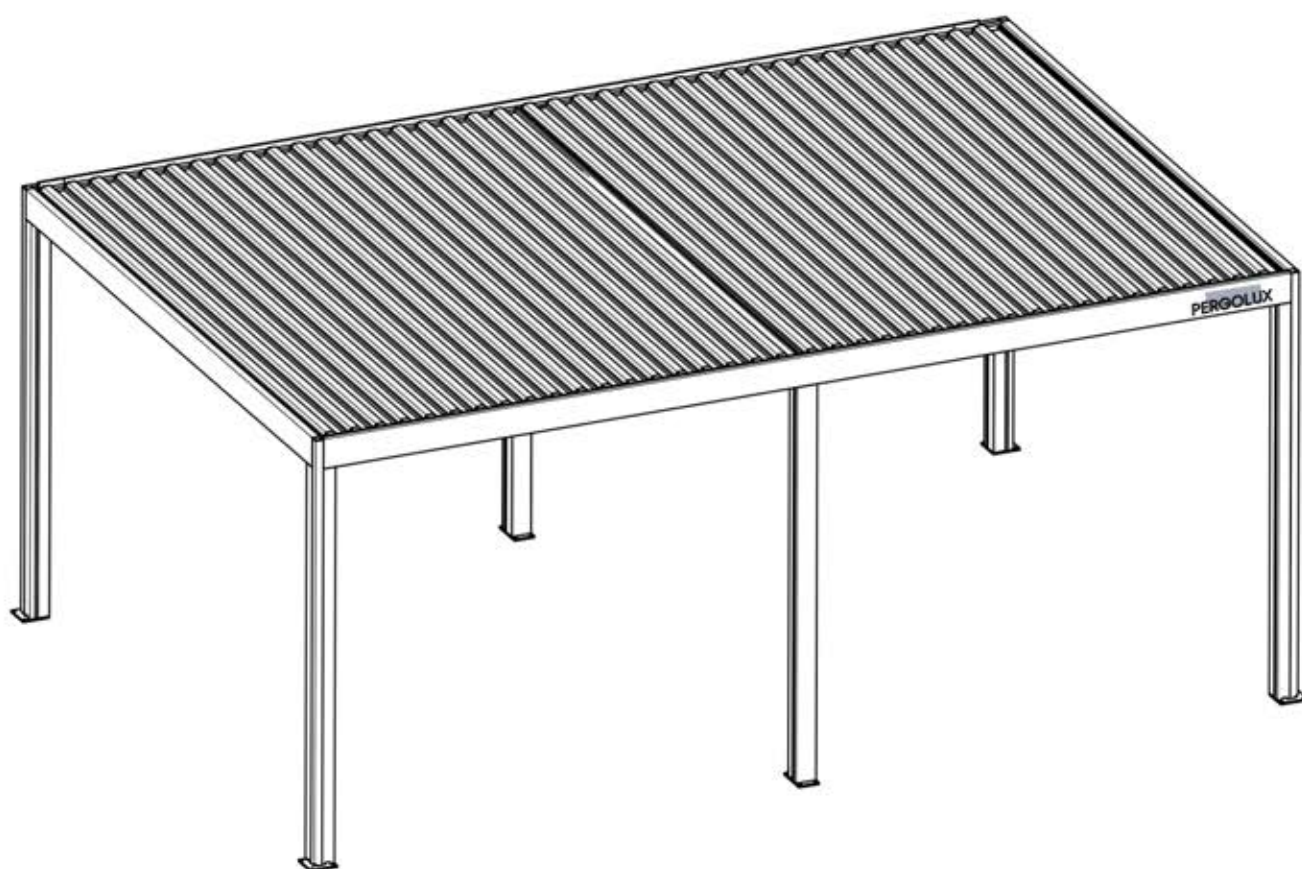


S4

# PERGOLA

## PRO



**3×6m/10'x19'**  
FREESTANDING

PERGOLUX



Type Approved  
Regular  
Production  
Surveillance

www.tuv.com  
ID 1111317678



# INFORMATION



## INSTALLATION INSTRUCTIONS:

Ensure all parts are present and undamaged before starting the assembly.

Secure to a solid foundation with the correct fasteners for your foundation.

(If applicable) Install motors and wiring as shown. Ensure the electrical components are powered off during installation.

Use the correct lifting and installation equipment.

### SAFETY WARNINGS:

Keep children and pets away during installation.

Do not operate the structure if parts are loose or improperly installed.

Ensure the structure is securely anchored to prevent accidents.

Do not insert fingers or any objects between the louvres.

### MAINTENANCE:

Regularly clean the aluminum structure to maintain its appearance and prevent the accumulation of dirt.

Also, make sure to clean the gutters regularly. Inspect moving parts for wear and lubricate as necessary.

Check anchor points periodically to ensure stability.



## INSTALLATIONSANLEITUNG:

Stellen Sie sicher, dass alle Teile vorhanden und unbeschädigt sind, bevor Sie mit der Montage beginnen.

Befestigen Sie sie mit den richtigen Befestigungselementen für Ihr Fundament auf einem soliden Fundament.

(Falls zutreffend) Installieren Sie Motoren und Verkabelung wie gezeigt. Stellen Sie sicher, dass die elektrischen Teile während der Installation ausgeschaltet sind.

Verwenden Sie die richtige Hebe- und Installationsausrüstung.

### SICHERHEITSHINWEISE:

Halten Sie Kinder und Haustiere während der Installation fern.

Betreiben Sie die Struktur nicht, wenn Teile lose oder nicht richtig installiert sind.

Stellen Sie sicher, dass die Struktur sicher verankert ist, um Unfälle zu vermeiden.

Stecken Sie keine Finger oder andere Gegenstände zwischen die Lamellen.

### WARTUNG:

Reinigen Sie die Aluminiumstruktur regelmäßig, um ihr Aussehen zu erhalten und die Ansammlung von Schmutz zu verhindern.

Reinigen Sie auch die Dachrinnen regelmäßig. Überprüfen Sie bewegliche Teile auf Verschleiß und schmieren Sie sie bei Bedarf.

Überprüfen Sie die Ankerpunkte regelmäßig, um die Stabilität sicherzustellen.



Pergolux GmbH, 9 Goethestraße,  
36043 Fulda,  
Germany

26

DOP-PRO-FSWM-S4

EN 13561:2015

Pergolux Pergola PRO 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

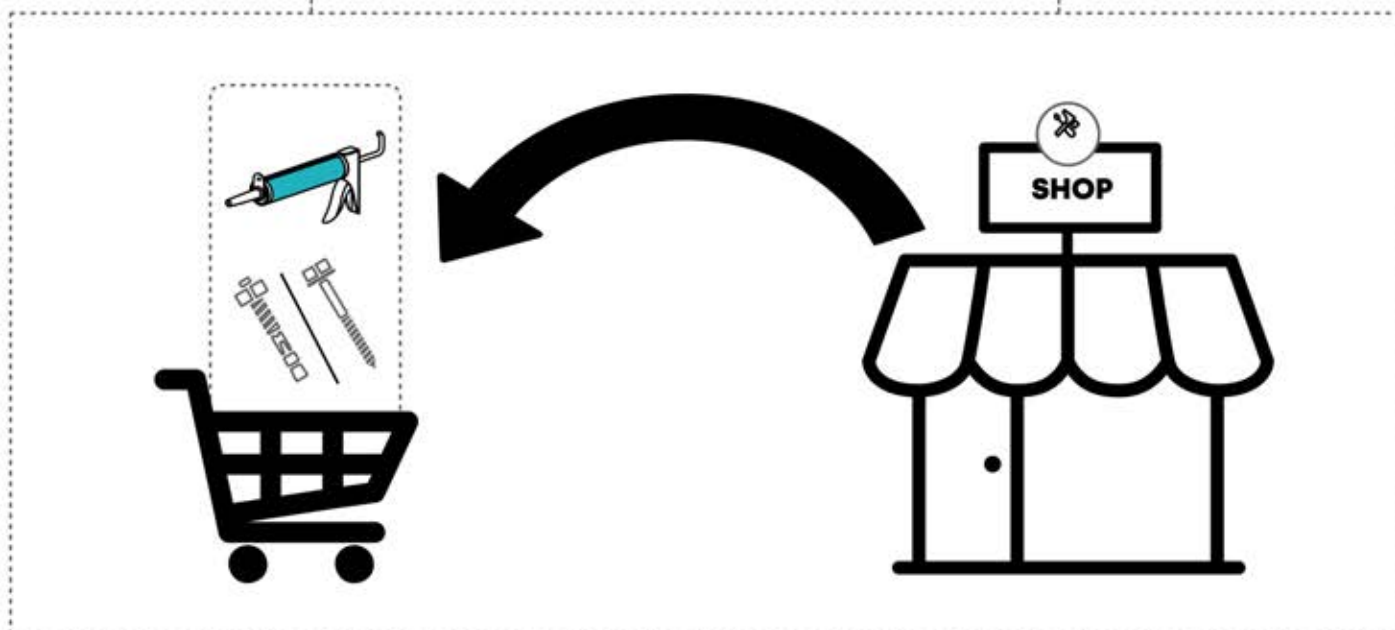
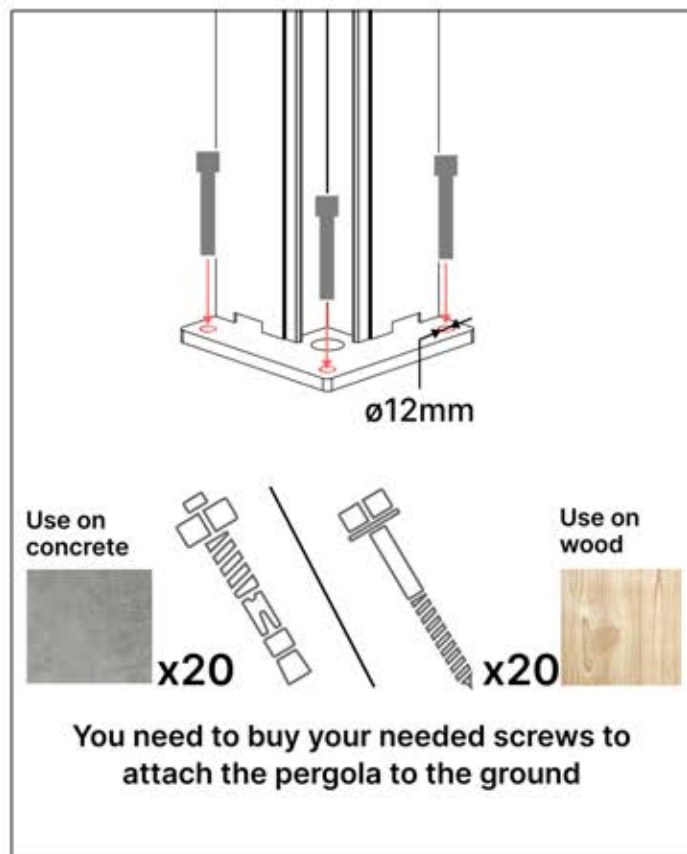
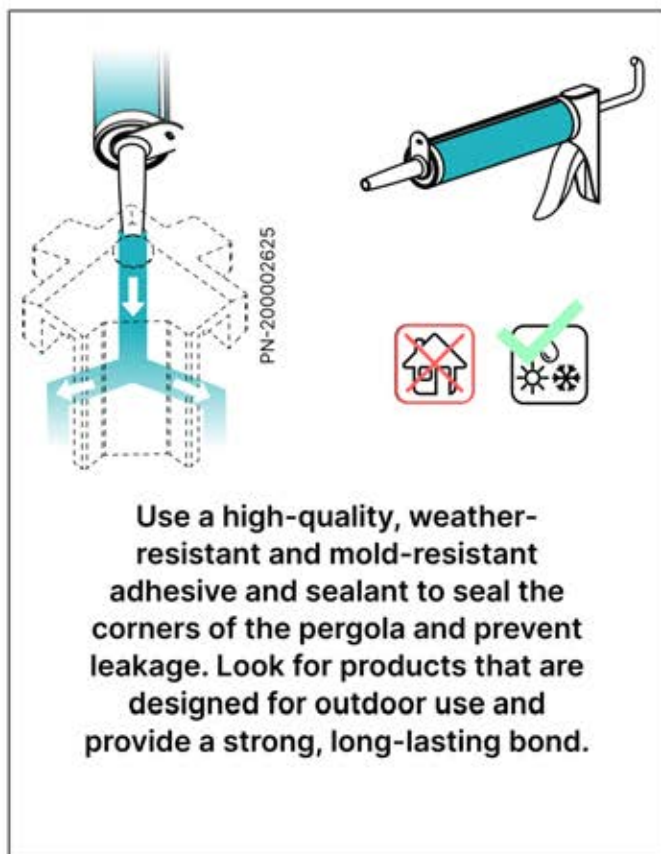


Motor



Turn around

# INFORMATION

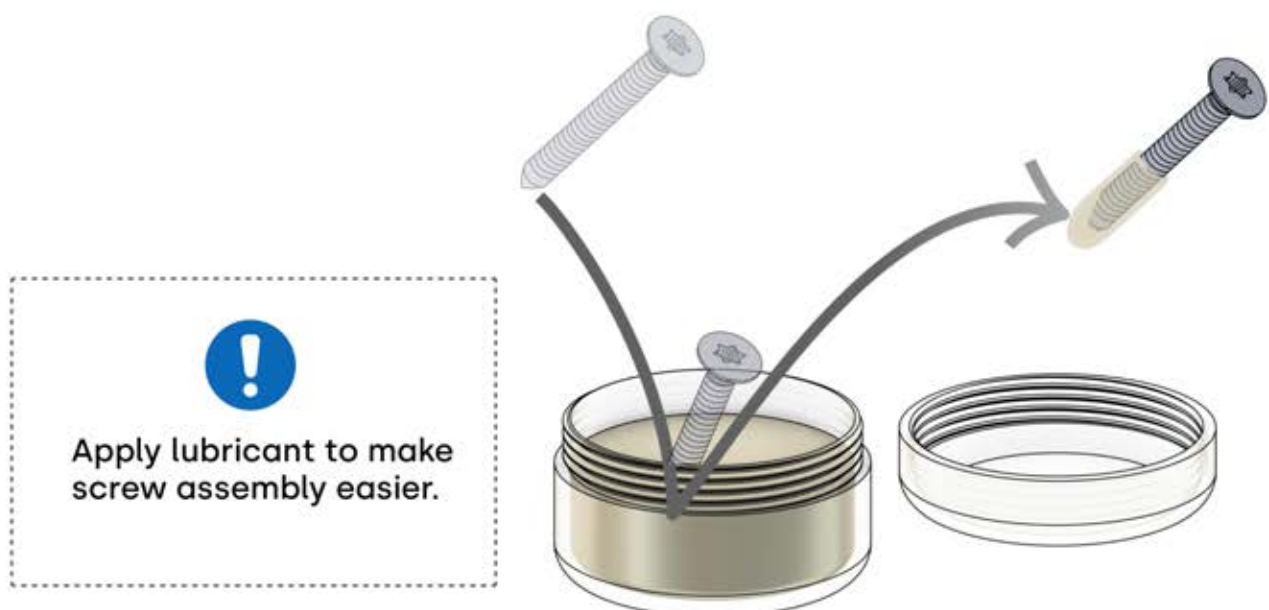


# INFORMATION

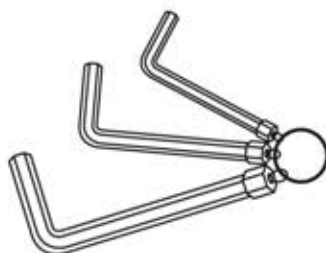
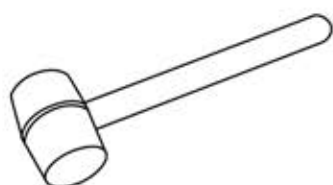
---

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

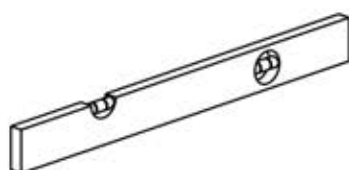
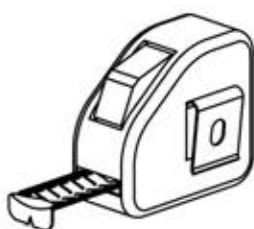
- **DO NOT OVERTIGHTEN:** Apply appropriate force to avoid stripping the threads.
- **CHOOSE THE CORRECT TOOL:** Use the proper screwdriver or bit to avoid damaging the screw head.
- **ENSURE PROPER USE:** With correct installation, screws will maintain their integrity and functionality over time.
-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



# INFORMATION



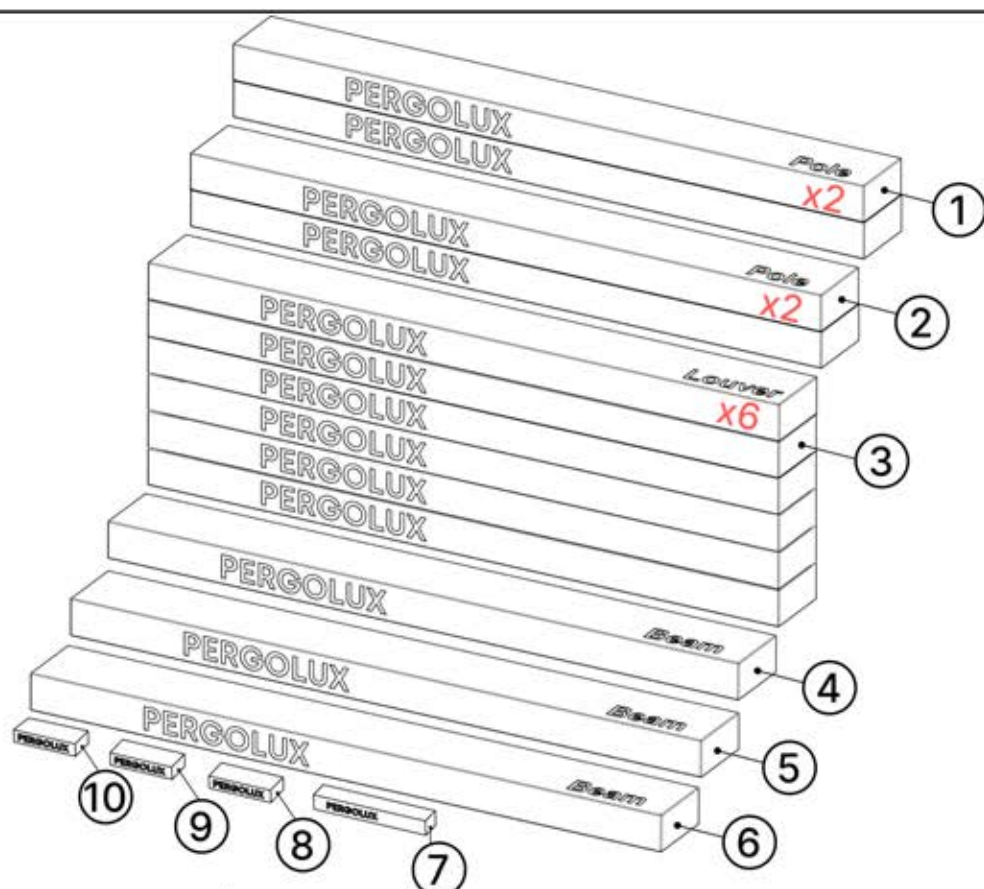
3mm, 4mm, 5mm



TX15, TX20, TX25, TX30



# PACKAGE OVERVIEW

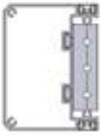
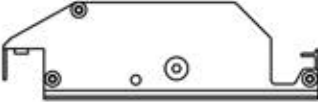


| ORDER | ANTHRACITE      | WHITE | BLACK |
|-------|-----------------|-------|-------|
| ①     | C120            | C122  | C121  |
| ②     | C123            | C125  | C124  |
| ③     | L215            | L219  | L217  |
| ④     | B235            | B243  | B239  |
| ⑤     | B256            | B260  | B258  |
| ⑥     | B268            | B272  | B270  |
| ⑦     | MOTOR           |       |       |
| ⑧     | WHITE / RGB LED |       |       |
| ⑨     | CONTROL BOX     |       |       |
| ⑩     | POWER CABLE     |       |       |

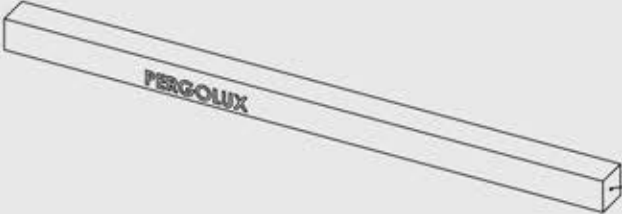
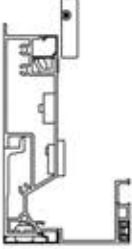
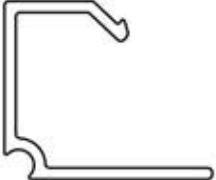
# ITEMS IN BOX

|                                                                                        | ANTHRACITE                | WHITE | BLACK |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------|-------|
|                                                                                                                                                                         | C120                      | C122  | C121  |
|     | PN-200002606<br><b>4x</b> |       |       |
|   | PN-200003386<br><b>4x</b> |       |       |
|                                                                                      | PN-200002614<br><b>4x</b> |       |       |

# ITEMS IN BOX

|                                                                                     |  |  |  |                                                                                     |              |      |
|-------------------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------|--------------|------|
|    |  |  |  | ANTHRACITE    WHITE    BLACK                                                        |              |      |
|                                                                                     |  |  |  | C123                                                                                | C125         | C124 |
|    |  |  |  |    | PN-200002782 | 2x   |
|   |  |  |  |   | PN-200002783 | 2X   |
|                                                                                     |  |  |  |  | PN-200002785 | 2x   |
|  |  |  |  | ANTHRACITE    WHITE    BLACK                                                        |              |      |
|                                                                                     |  |  |  | L215                                                                                | L219         | L217 |
|  |  |  |  |  | PN-200002629 | 36x  |

ITEMS IN BOX

|                                                                                                |                                                                                     | ANTHRACITE                                                                           | WHITE              | BLACK |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------|-------|
|  <div>4</div> |                                                                                     | B235                                                                                 | B243               | B239  |
|                                                                                                |    |     | PN-200003355<br>1x |       |
|                                                                                                |   |    | PN-200002862<br>1x |       |
|                                                                                                |  |   | PN-200002867<br>1x |       |
|                                                                                                |  |  | PN-200002863<br>1x |       |
|                                                                                                |  |   | PN-200002866<br>1x |       |

# ITEMS IN BOX



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



4

ANTHRACITE

WHITE

BLACK

B235

B243

B239

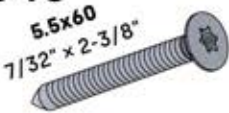


PN-200002865  
**1x**

PN-200003380  
**1x**



PN-20000  
**3346**



PN-200000560  
**28x**



PN-20000  
**3320**



PN-200000826  
**2x**



PN-20000  
**3414**



PN-200000732  
**2x**



PN-200000415  
**8x**



PN-200000731  
**2x**



PN-200000668  
**4x**



PN-20000  
**3282**



PN-200001514  
**4x**



PN-200000840  
**12x**



PN-20000  
**3279**



PN-200000568  
**32x**



PN-20000  
**3483**

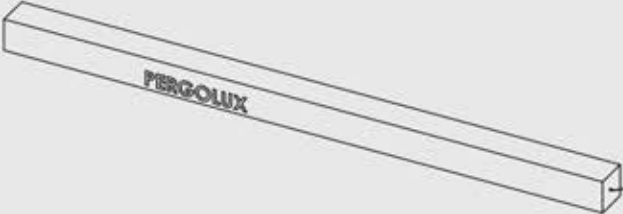


PN-200003385  
**2x**

# ITEMS IN BOX



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



4

ANTHRACITE    WHITE    BLACK

B235

B243

B239



PN-20000  
**3278**



PN-200003033  
**2x**

PN-200003030  
**1x**

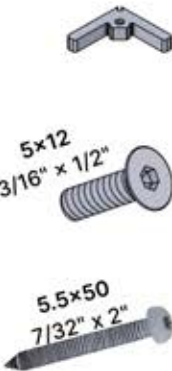


PN-200003031  
**1x**

PN-200001207  
**2x**



PN-20000  
**3285**



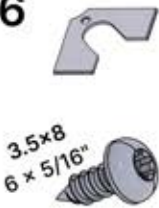
PN-200000507  
**4x**

PN-200000569  
**8x**

PN-200000568  
**4x**



PN-20000  
**3276**



PN-200002618  
**4x**

PN-200000571  
**4x**



PN-20000  
**3379**



PN-200000960  
**4x**



PN-20000  
**3277**



PN-200002617  
**4x**



PN-20000  
**3284**



PN-200002625  
**4x**



PN-20000  
**3281**



PN-200002622  
**4x**

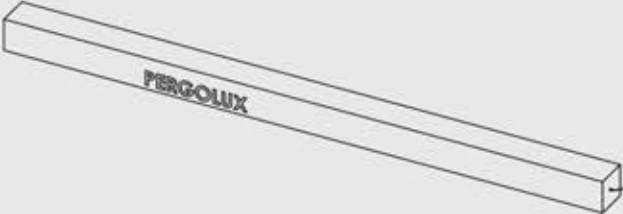


PN-200000680  
**8x**

ITEMS IN BOX



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



4

ANTHRACITE    WHITE    BLACK

B235    B243    B239

PN-20000  
**3371**

PN-200003372  
**1x**

PN-200001946  
**1x**

PN-200003373  
**1x**

PN-200000561  
**1x**

PN-200000502  
**1x**

PN-20000  
**3603**

PN-200000826  
**6x**

PN-200001340  
**1x**



5

ANTHRACITE    WHITE    BLACK

B256    B260    B258



PN-200003290  
**2x**

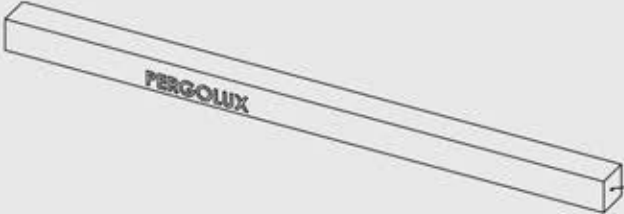
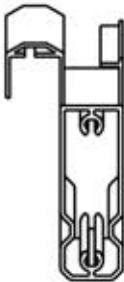
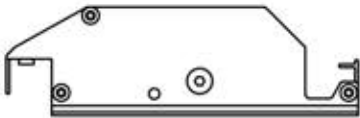
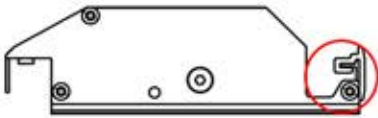


**Premounted**  
PN-200002626  
**2x**



PN-200003397  
**2x**

# ITEMS IN BOX

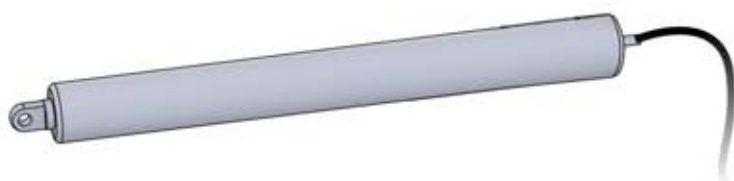
|                                                                                     |                                                                                      |                    |              |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------|--------------|
|    | <div>ANTHRACITE    WHITE    BLACK</div>                                              |                    |              |
|                                                                                     | <div>6</div>                                                                         | B268               | B272    B270 |
|   |    | PN-200003411<br>1x |              |
|  |  | PN-200002629<br>1x |              |
|  |  | PN-200002645<br>1x |              |

## ITEMS IN BOX



7

ELECTRIC MOTOR



Electric motor  
PN-200001562  
**1x**



PN-200001623  
**1x**



PN-200001624  
**1x**



PN-200001625  
**2x**



8

WHITE / RGB LED



LED light strip  
**4x**



Y cable  
**1x**

# ITEMS IN BOX

S4



9

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



10

POWER CABLE



Power cable

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**

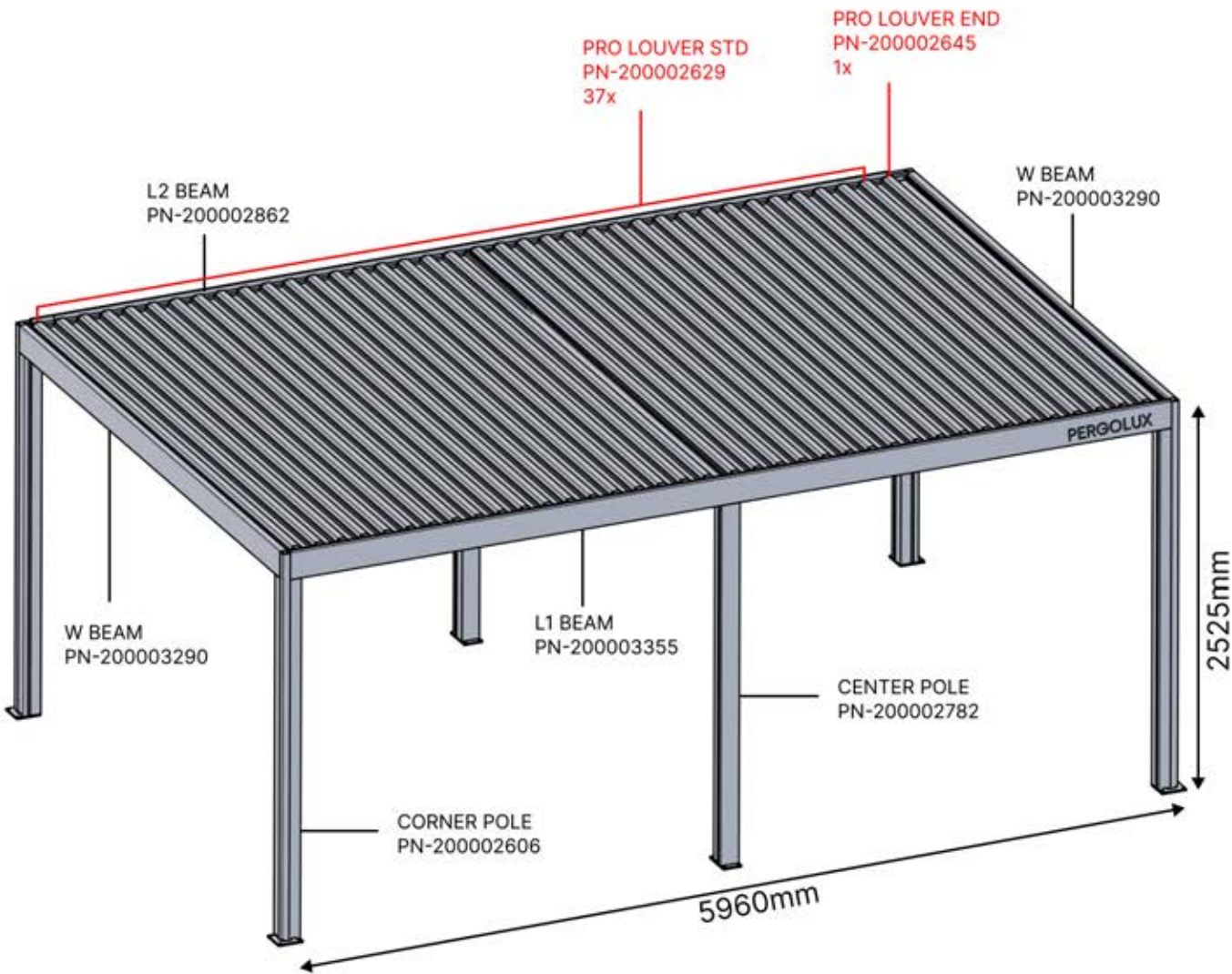


CONTROL BOX

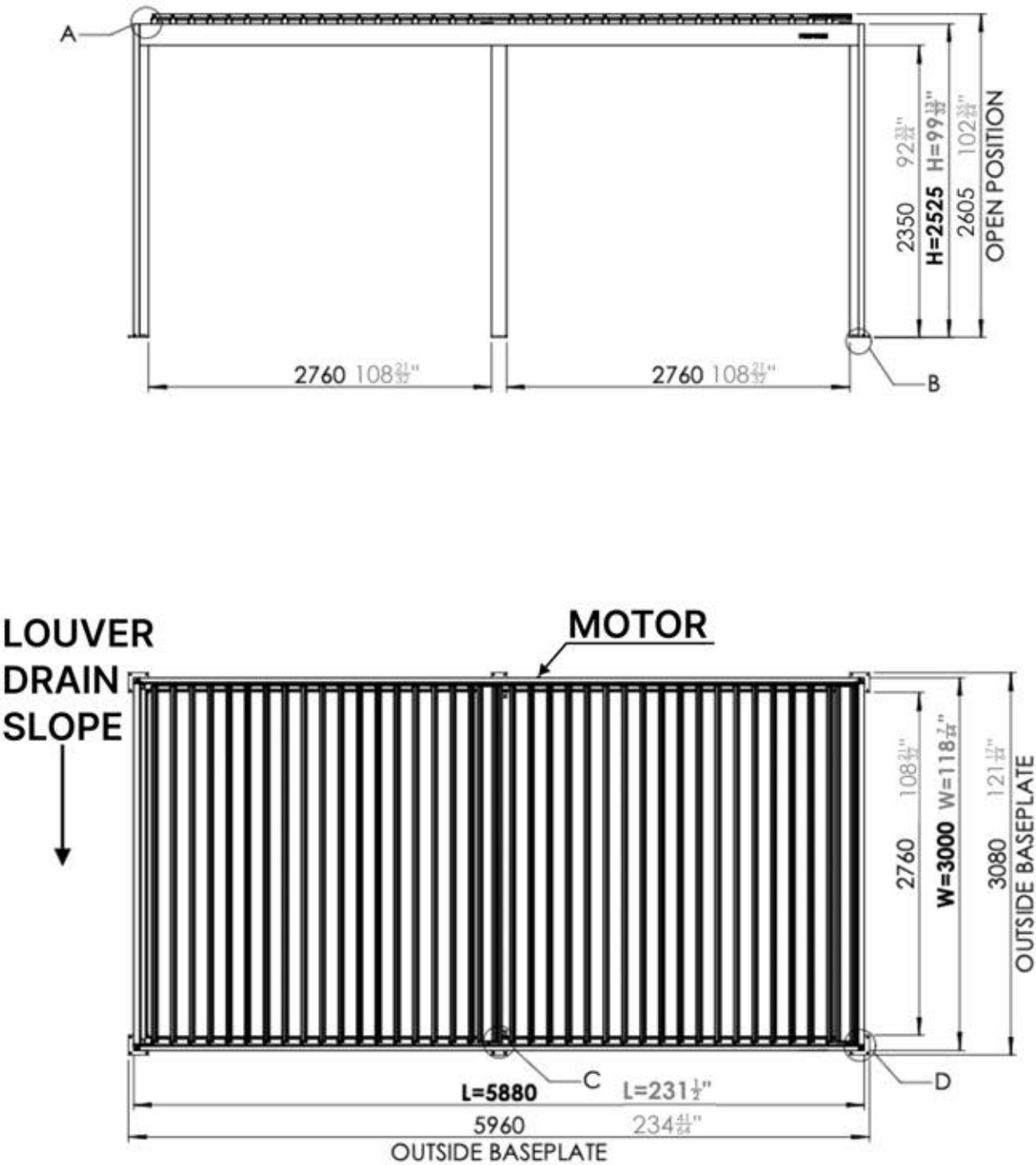
[View Manual](#)

PERGOLUX | PERGOLA PRO FREESTANDING S4

3 × 6 M / 10'x19'



3 × 6 M / 10'x19'



# INFORMATION

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

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

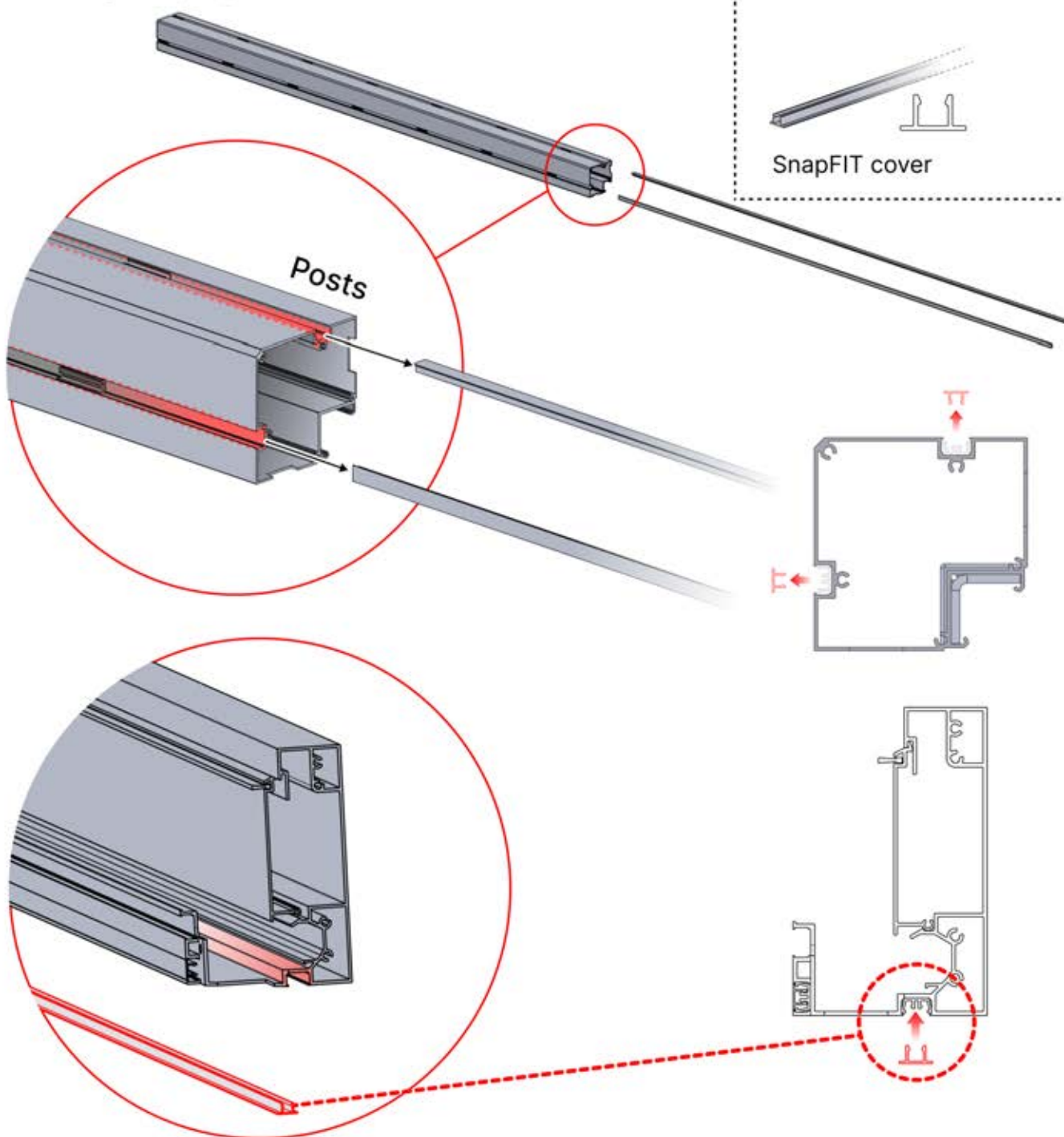
### Cover and clips



PN-200000512  
SnapFIT cover clip



SnapFIT cover



# INFORMATION

Are you installing a heater, fan or LED lights?

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

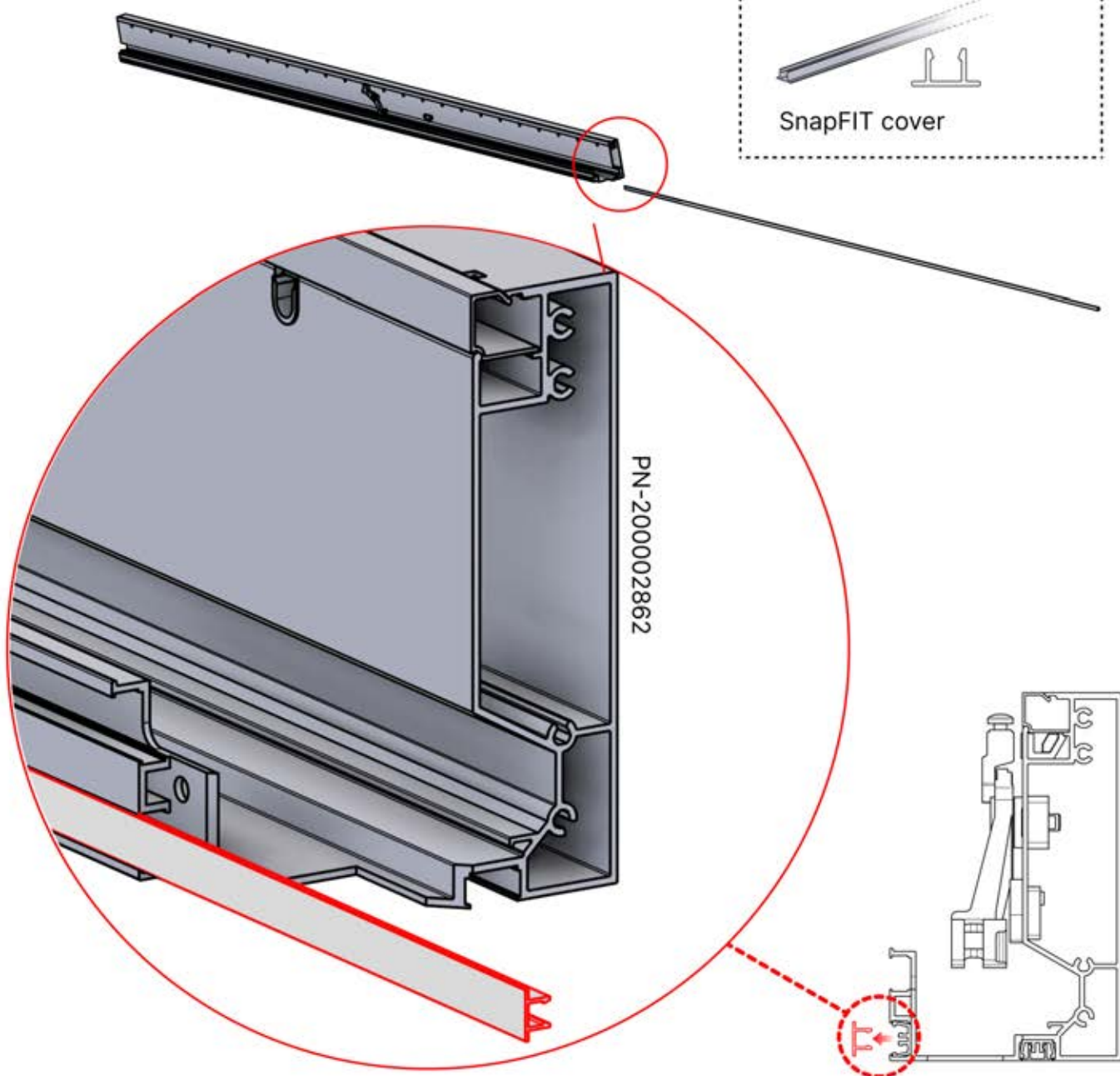
Cover and clips



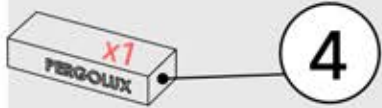
PN-200000512  
SnapFIT COVER CLIP



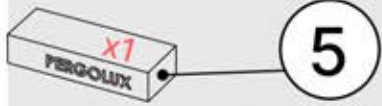
SnapFIT cover



# INFORMATION



ANTHRACITE: B235  
WHITE: B243  
BLACK: B239



ANTHRACITE: B256  
WHITE: B260  
BLACK: B258

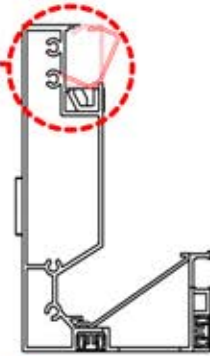
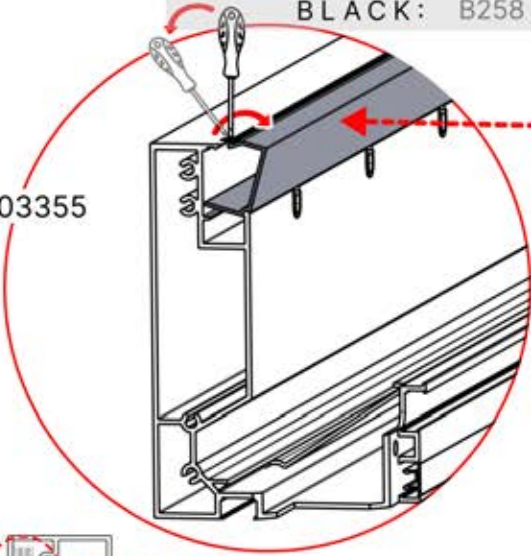


PN-200003290  
2x

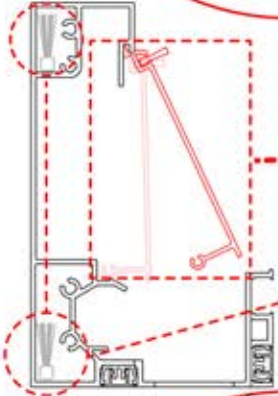
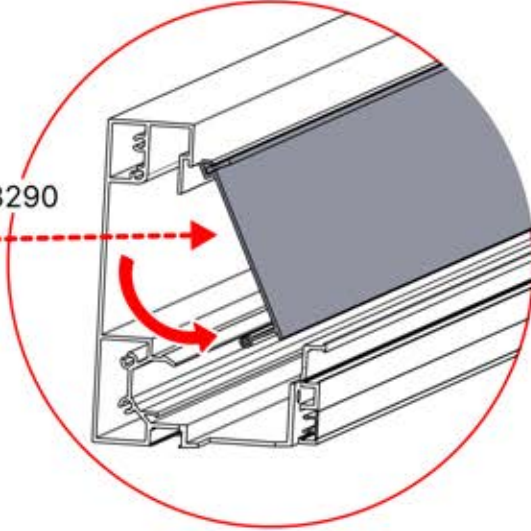
PN-200003355  
1x

PN-200002862  
1x

PN-200003355

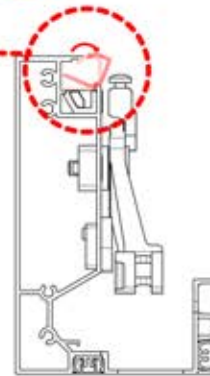
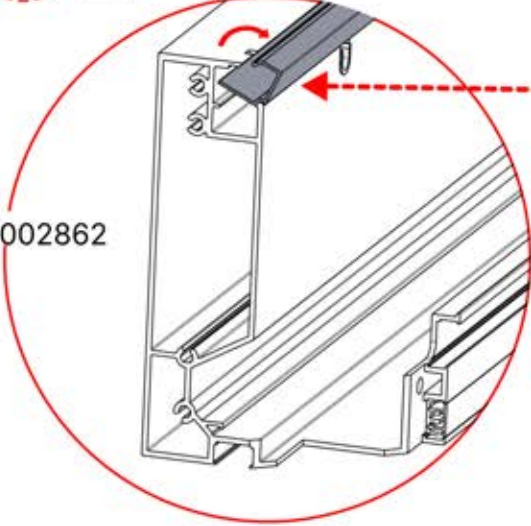


PN-200003290



! Remove the brush from the beam and set it aside. It will be installed during a later step in the manual.

PN-200002862



# 01



**1**

ANTHRACITE: C120  
WHITE: C122  
BLACK: C121



**4**

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239



PN-200002606  
**4x**

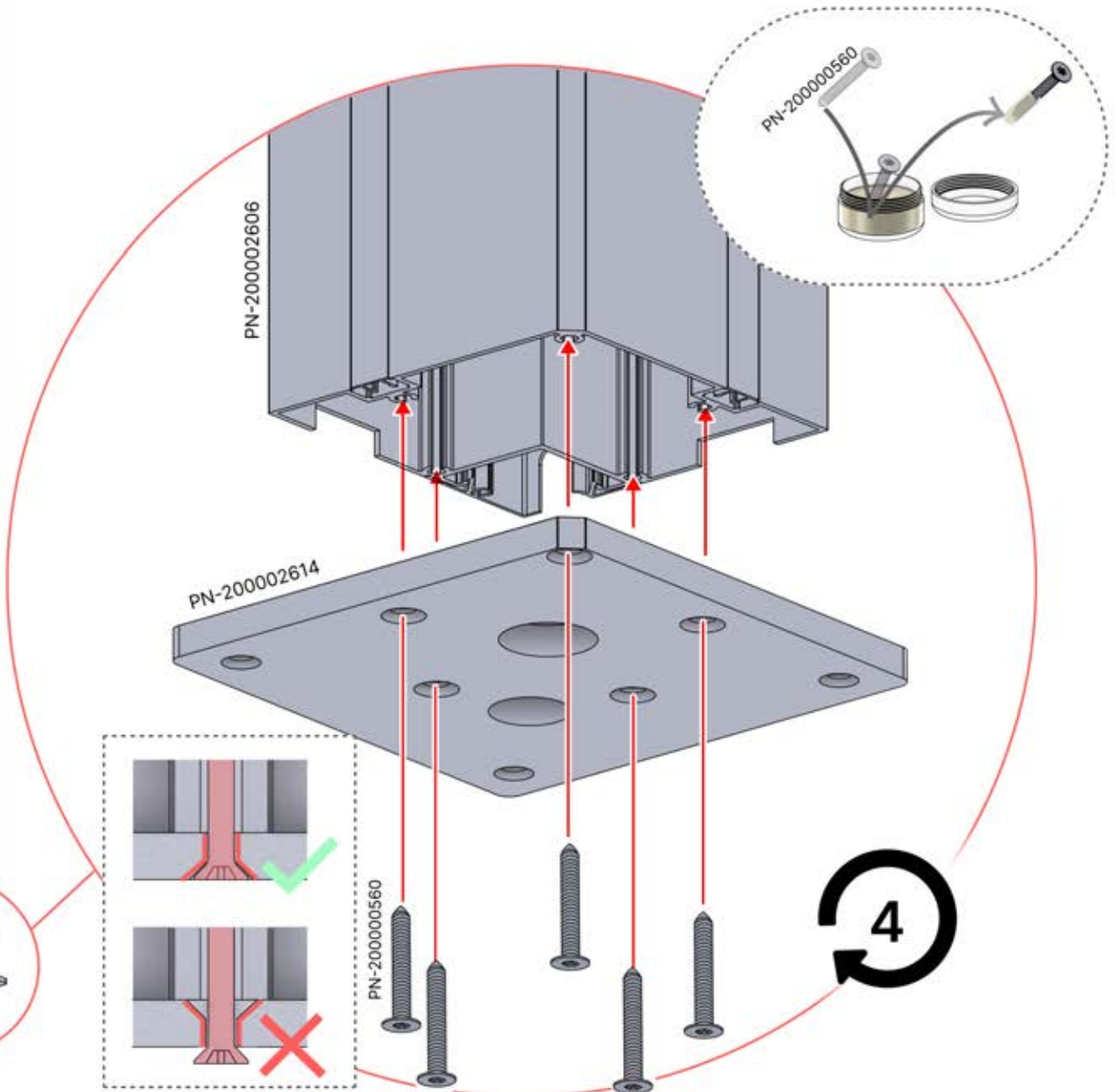
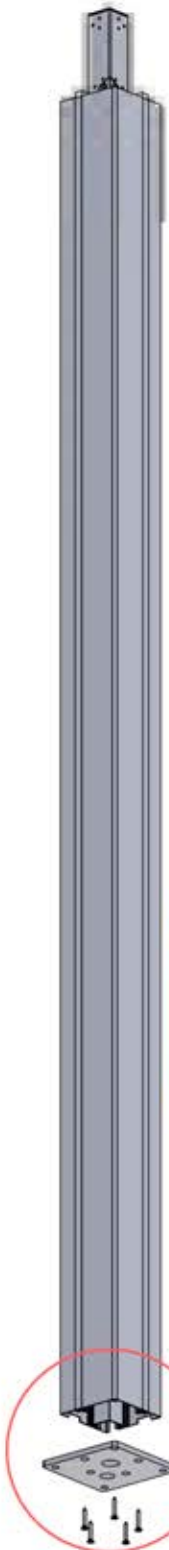


PN-200002614  
**4x**



PN-200000560  
**20x**

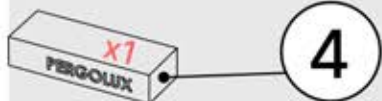
PN-20000  
**3346** Zip Bag



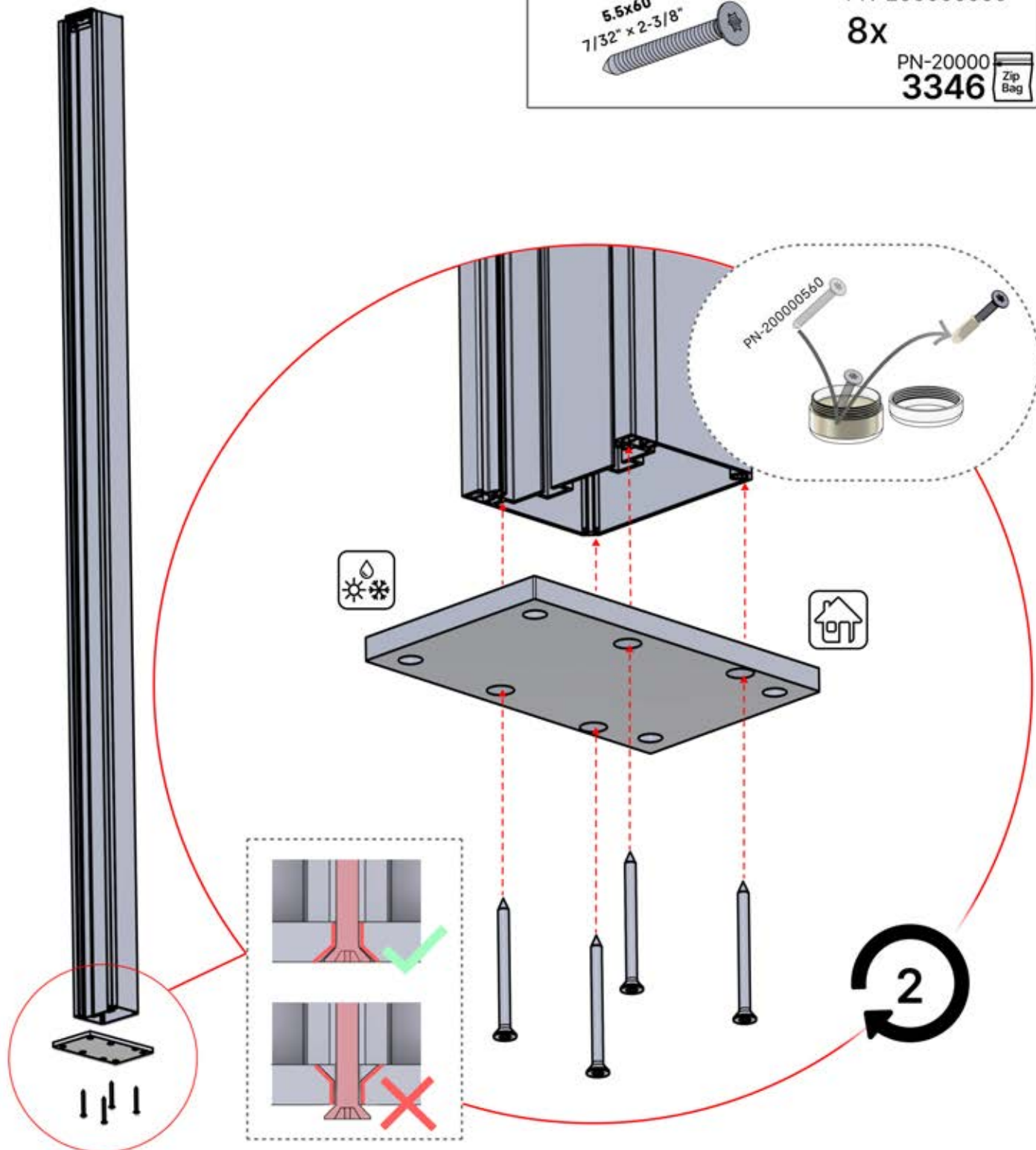
# 02



ANTHRACITE: C123  
WHITE: C125  
BLACK: C124



ANTHRACITE: B235  
WHITE: B243  
BLACK: B239



# 03



**x1**

**4**

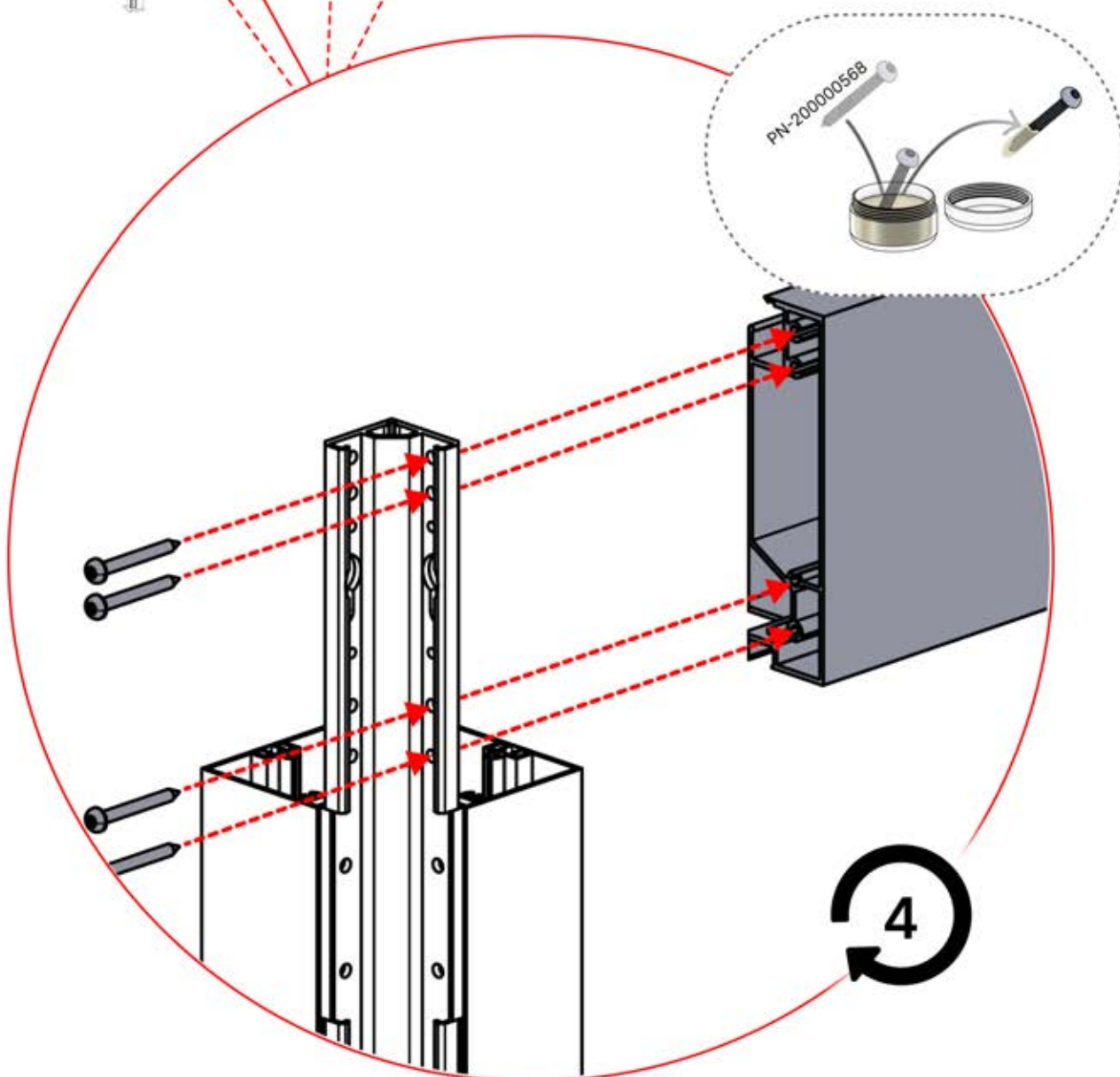
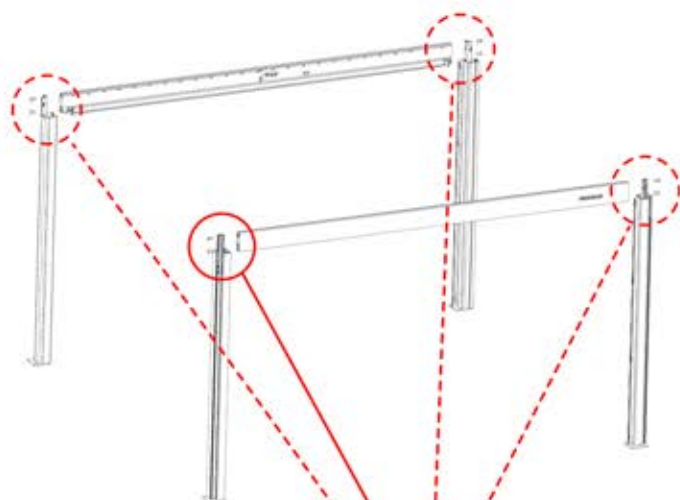
ANTHRACITE: B235  
WHITE: B243  
BLACK: B239



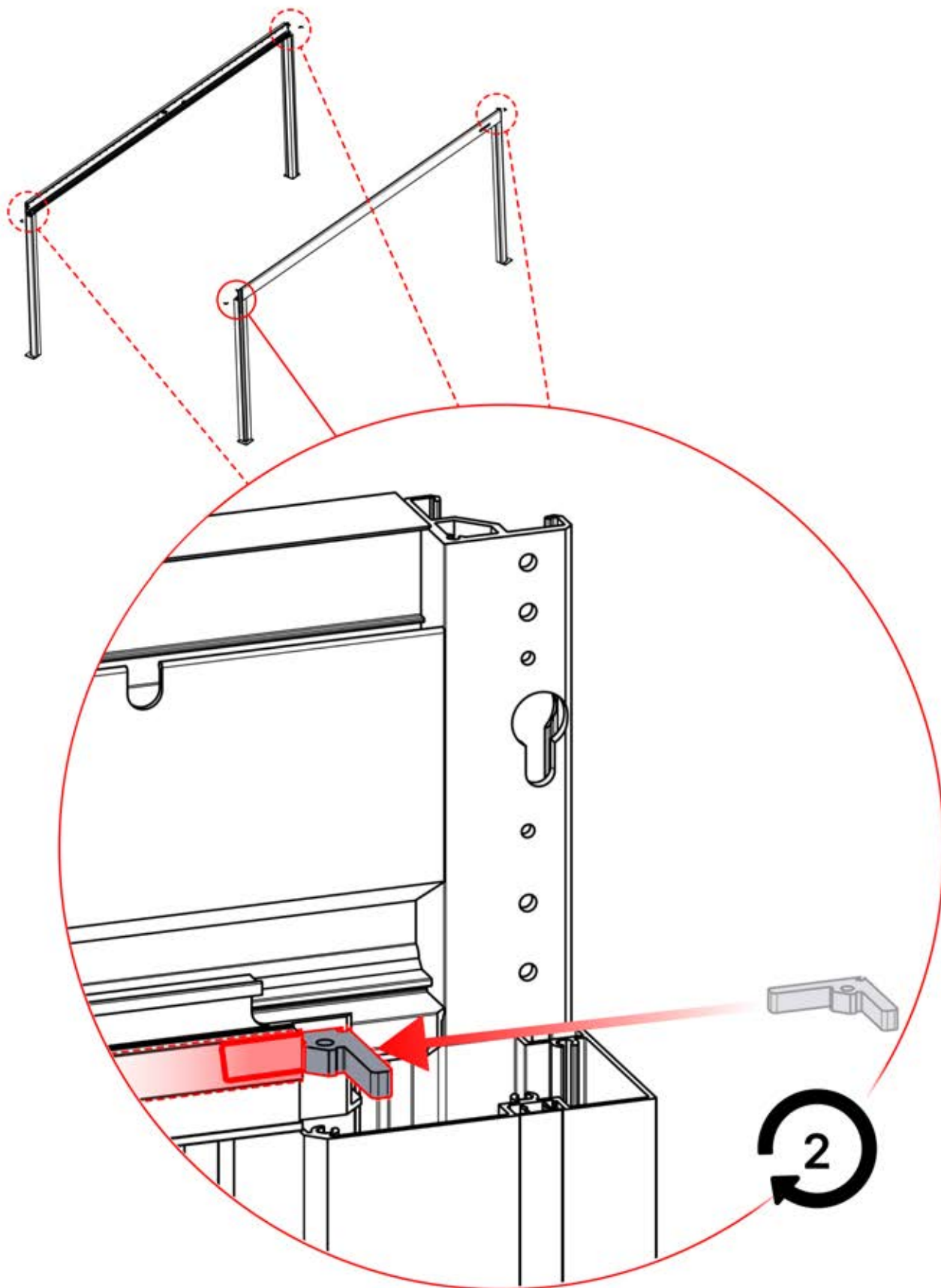
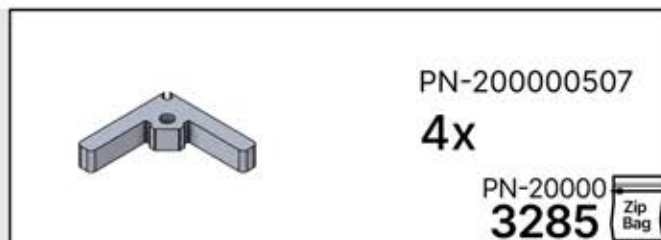
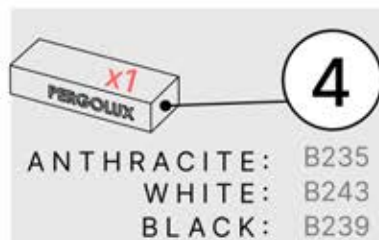
PN-200000568  
**16x**

PN-20000  
**3279**

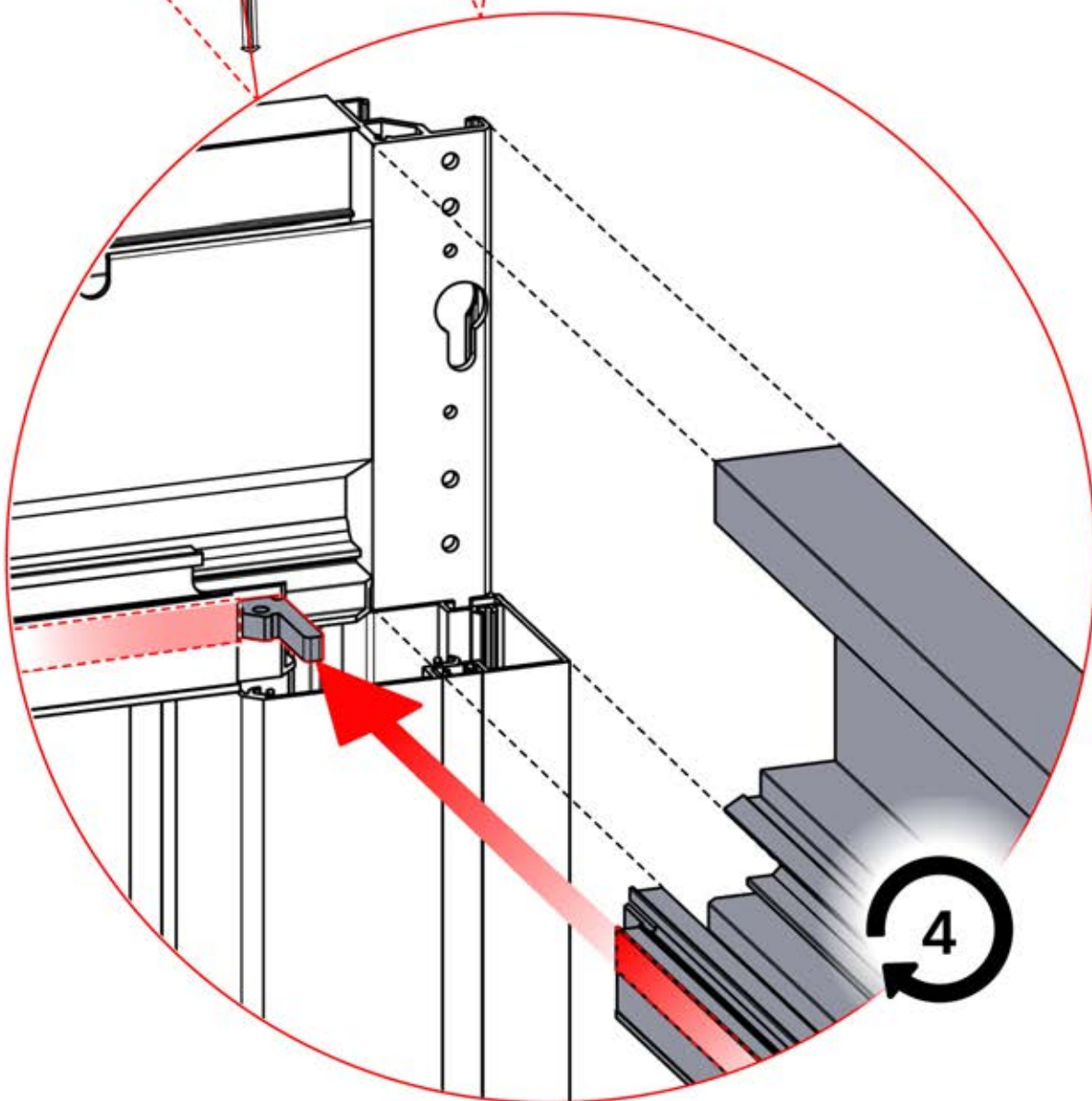
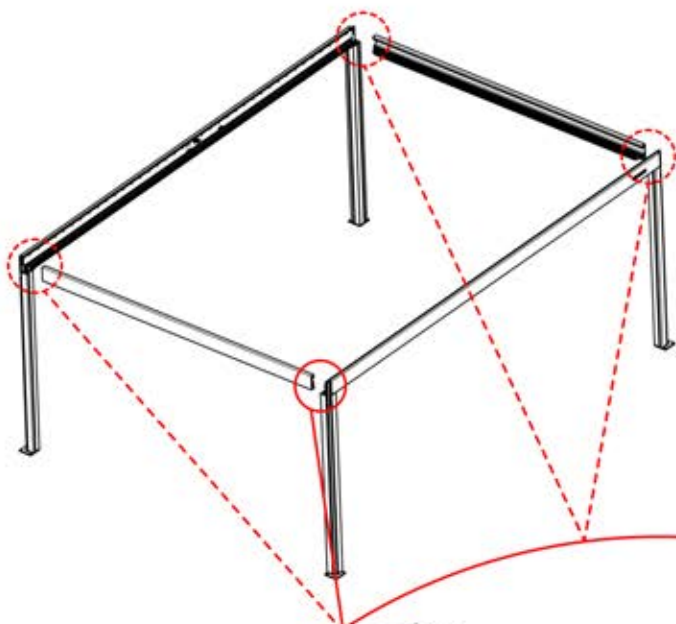
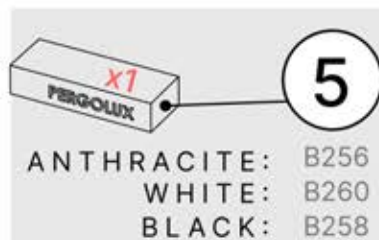




# 04



# 05



# 06

**x1**  
PERGOLUX

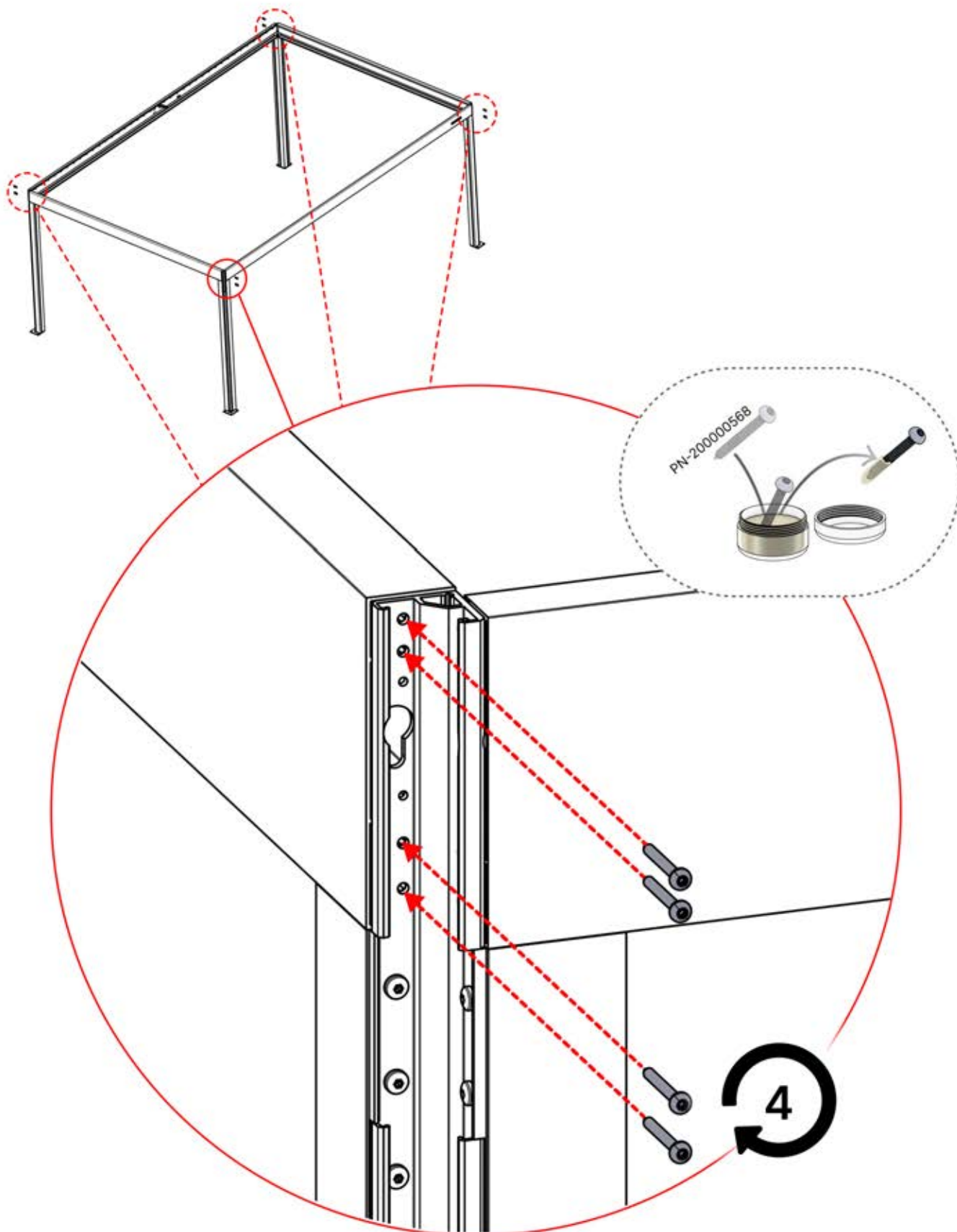
**4**

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239

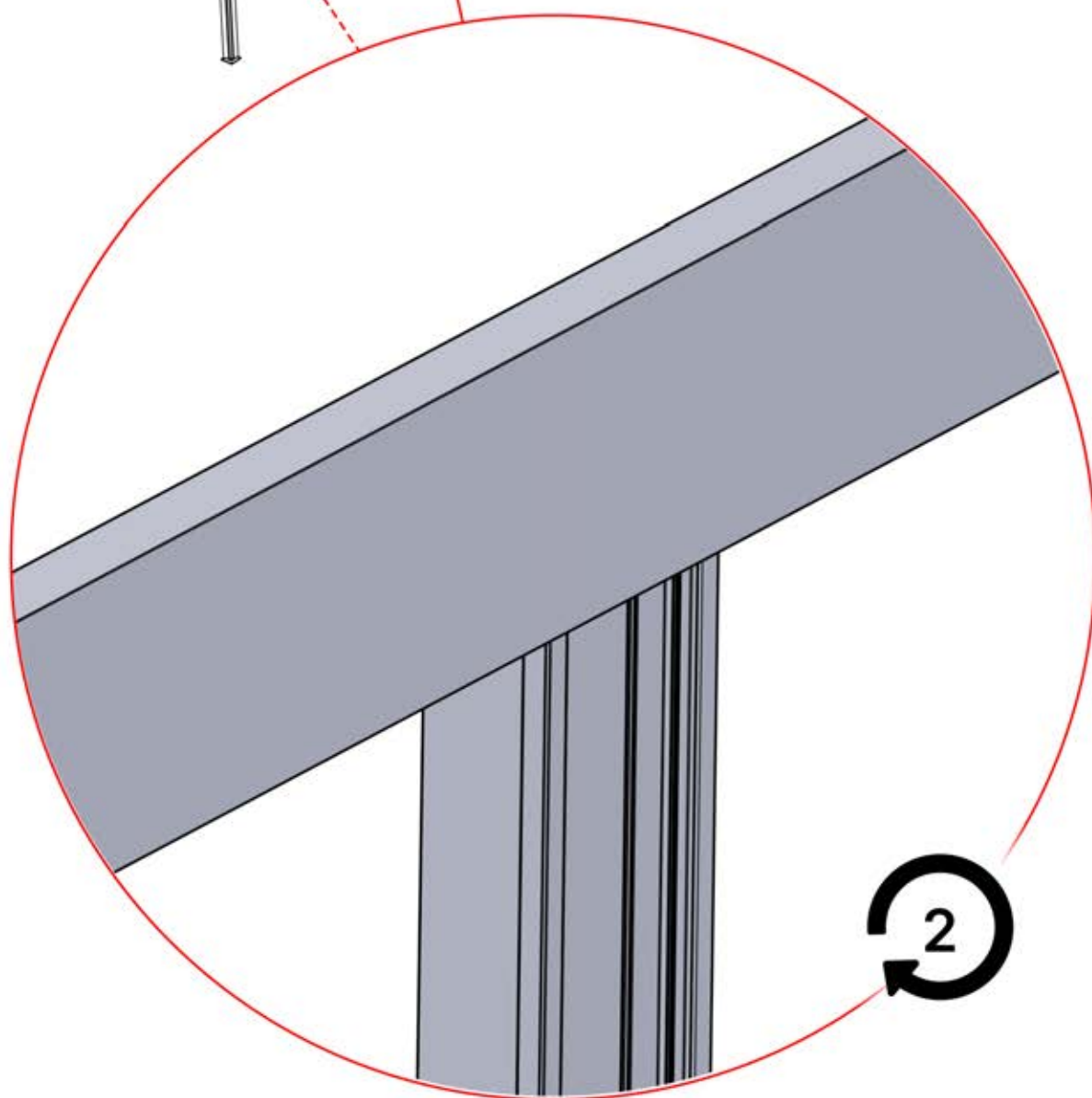
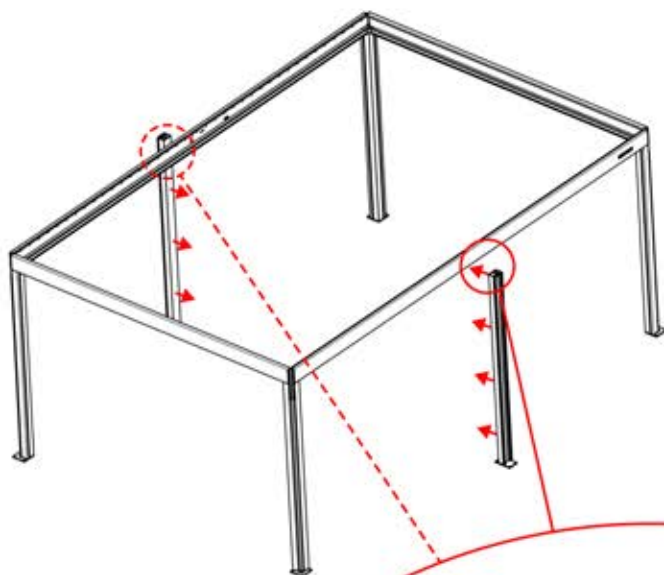
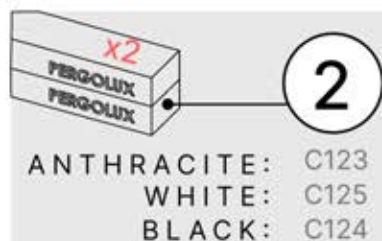
PN-200000568  
**16x**

PN-20000  
**3285**

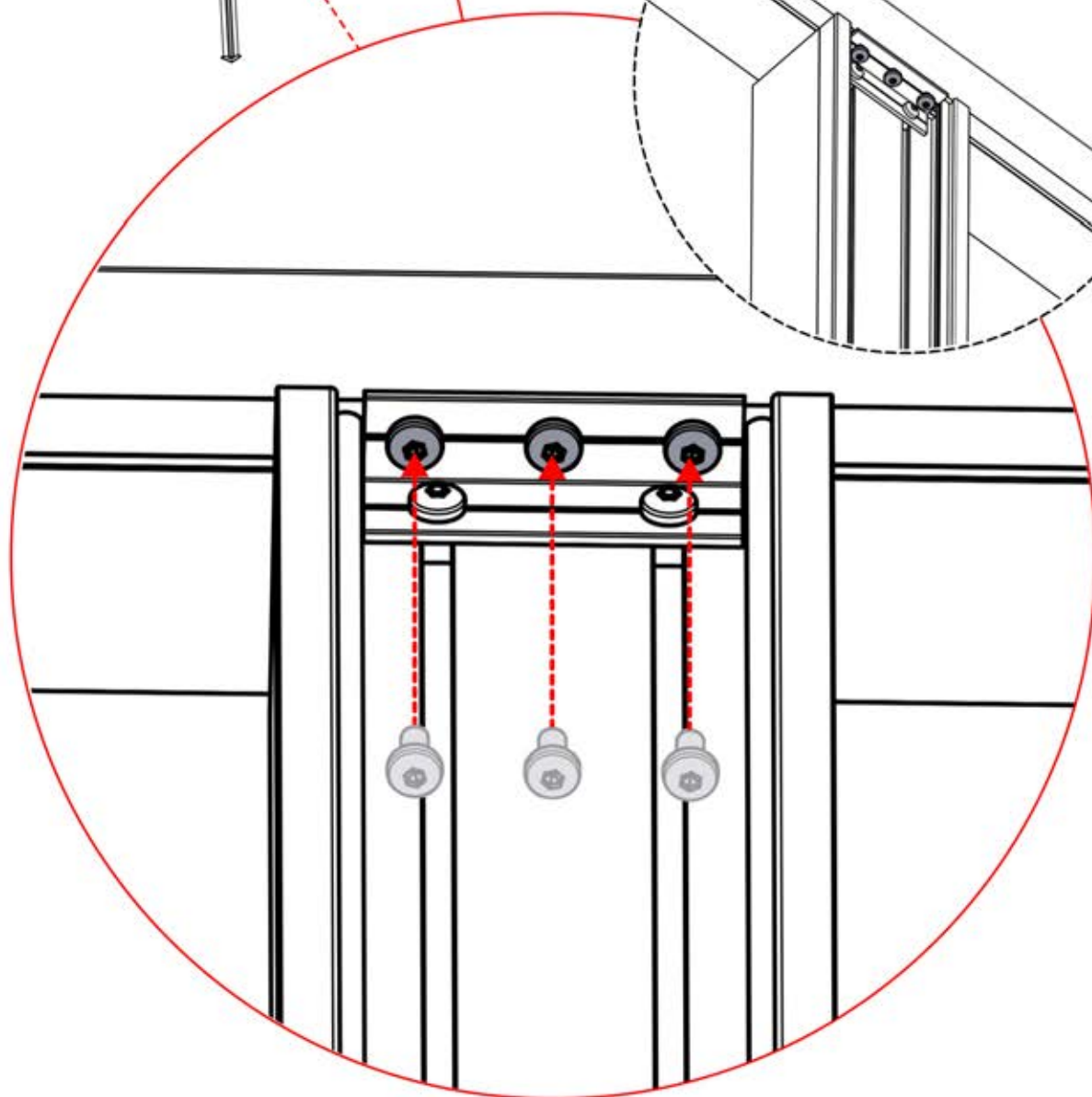
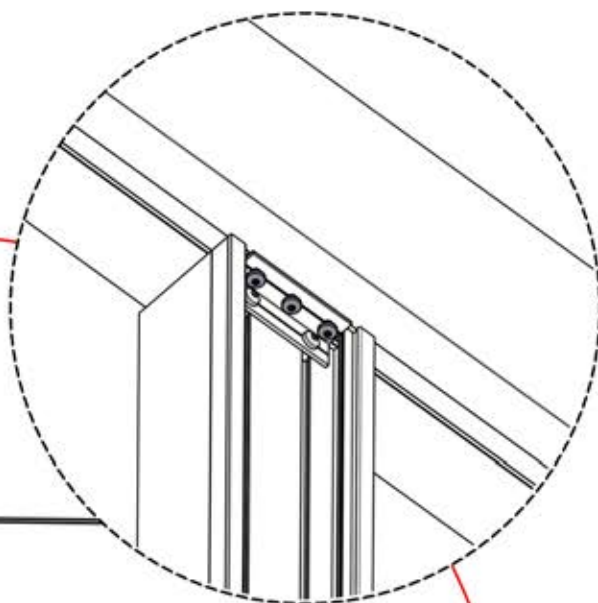
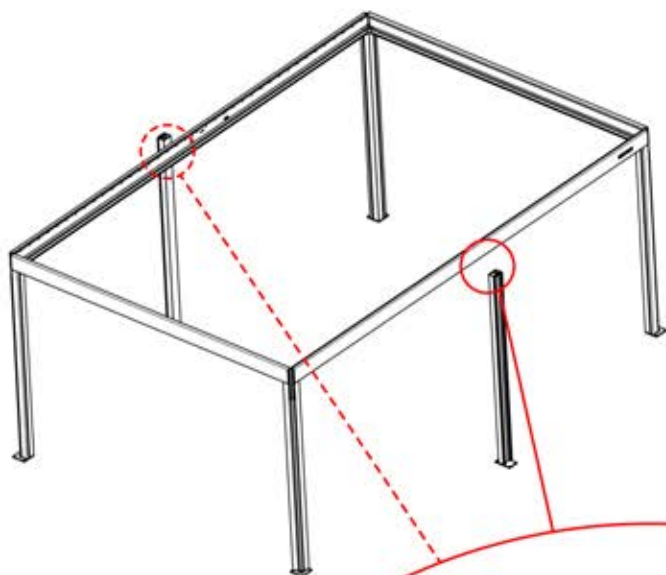
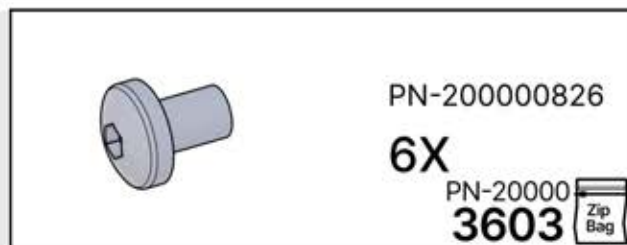
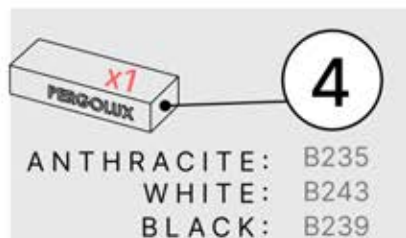
Zip Bag



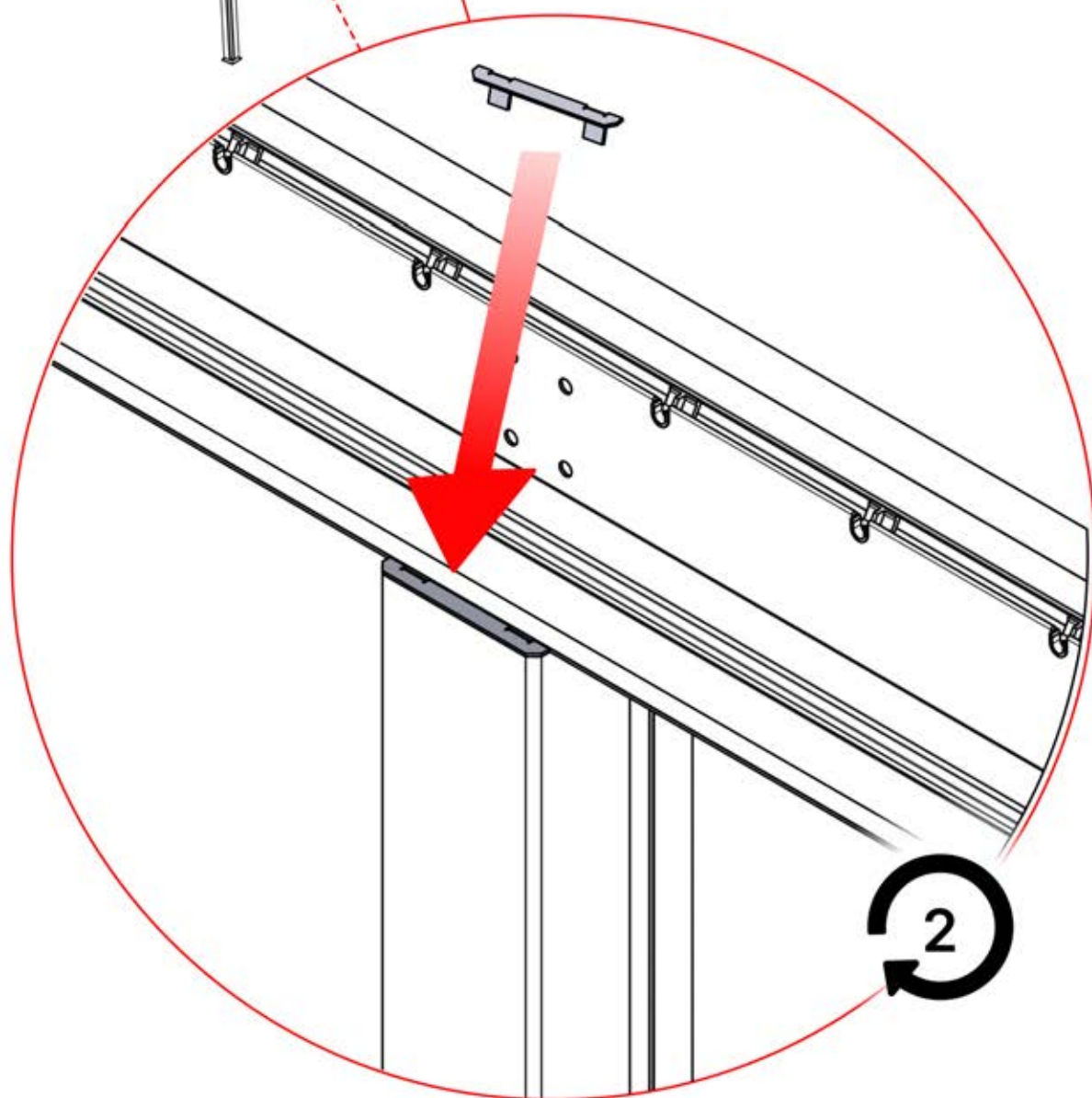
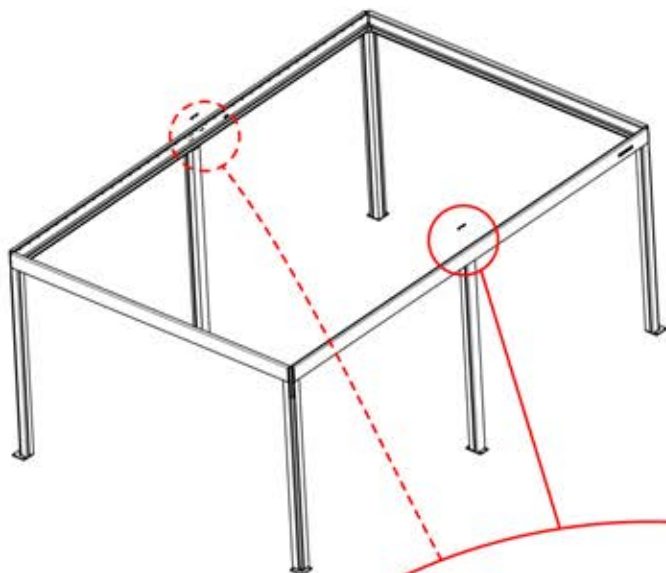
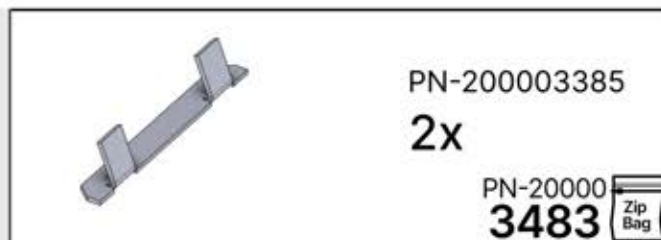
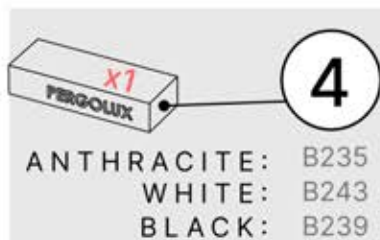
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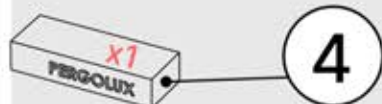
# 08



# 09

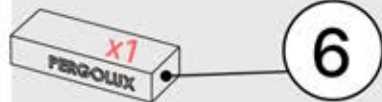


# 10



4

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239



6

ANTHRACITE: B268  
WHITE: B272  
BLACK: B270

PP CENTER  
LOUVER BEAM FS  
3M  
PN-200003412



PN-200003411

1x



PN-200000731

2x



PN-200000732

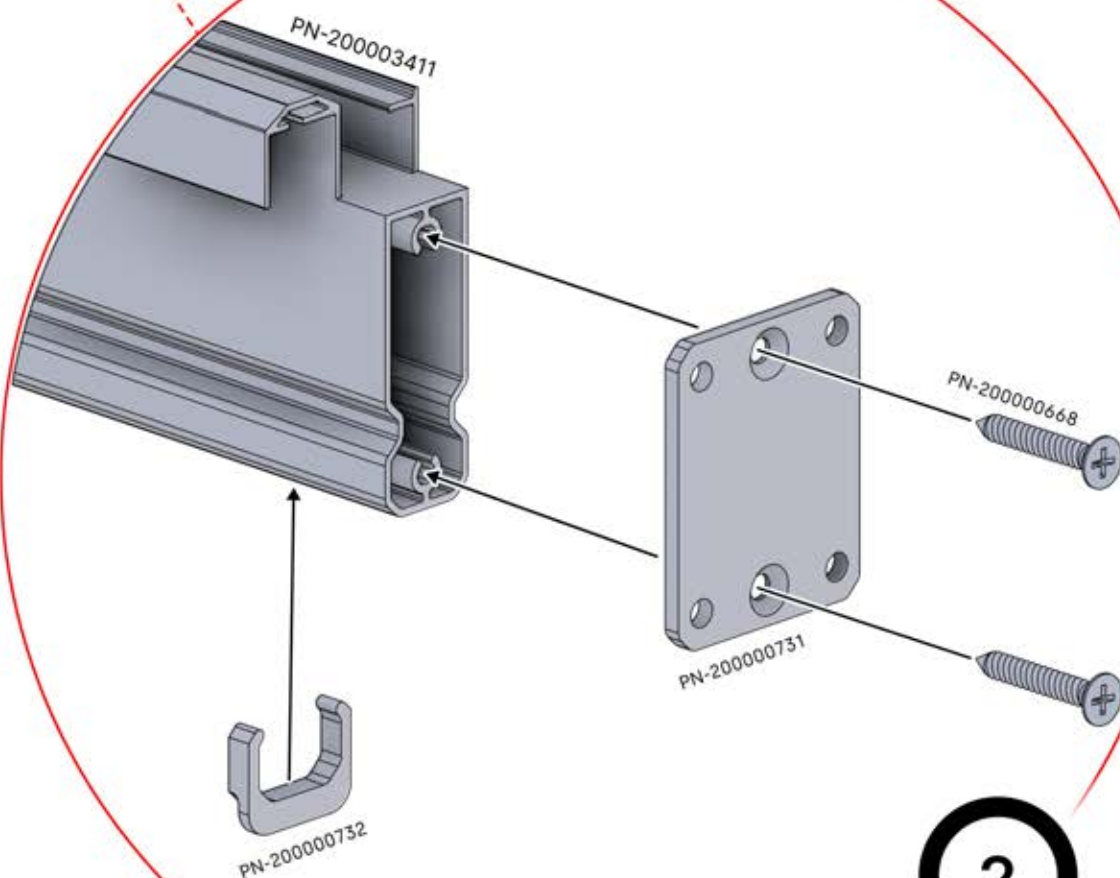
2x



PN-200000668

4x

PN-20000  
3414



2

# 11

**x1**  
PERGOLUX

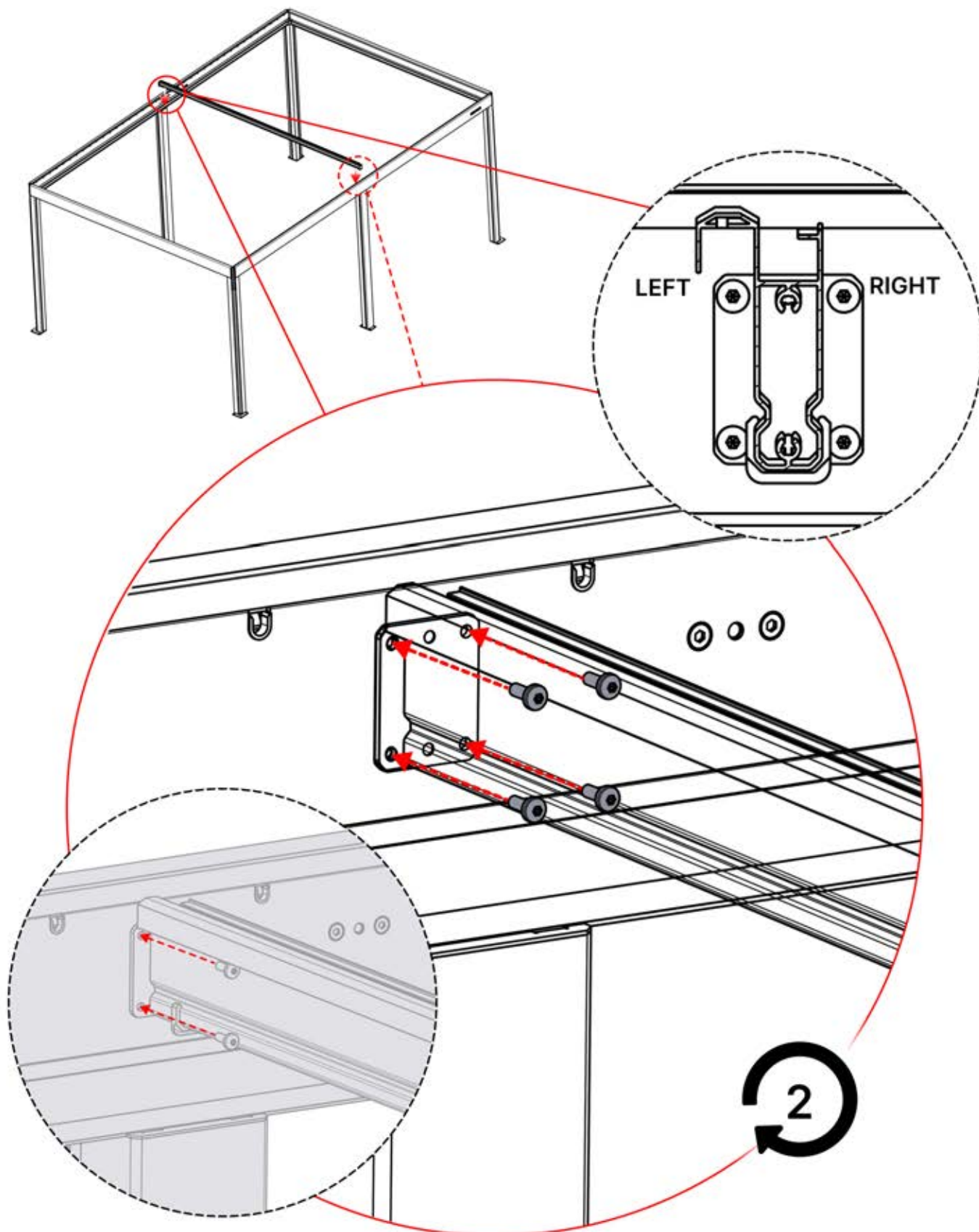
**4**

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239

PN-200000415  
**8x**

PN-20000  
**3414**

Zip Bag



# 12

**x1**  
PERGOLUX

**4**

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239

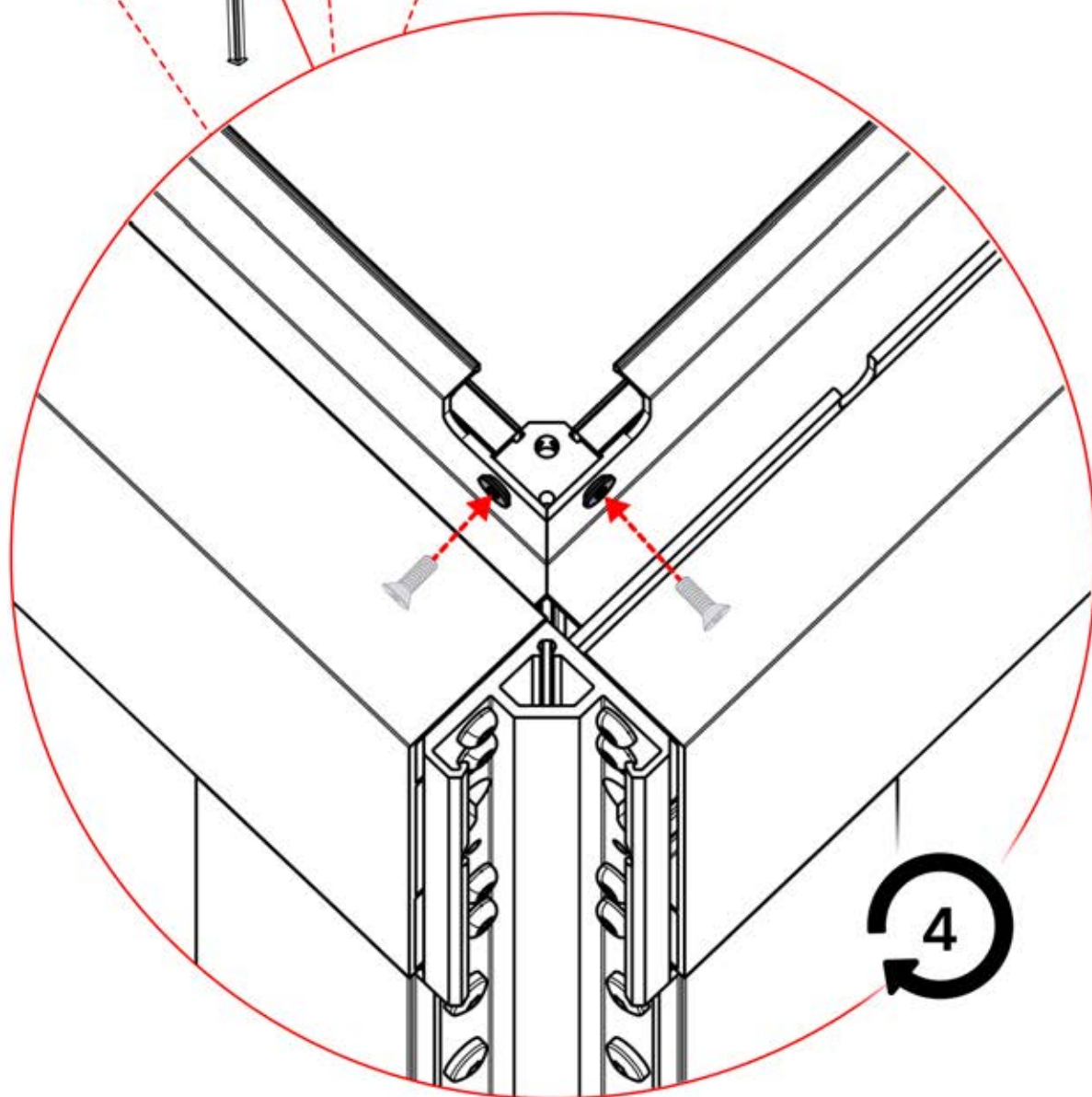
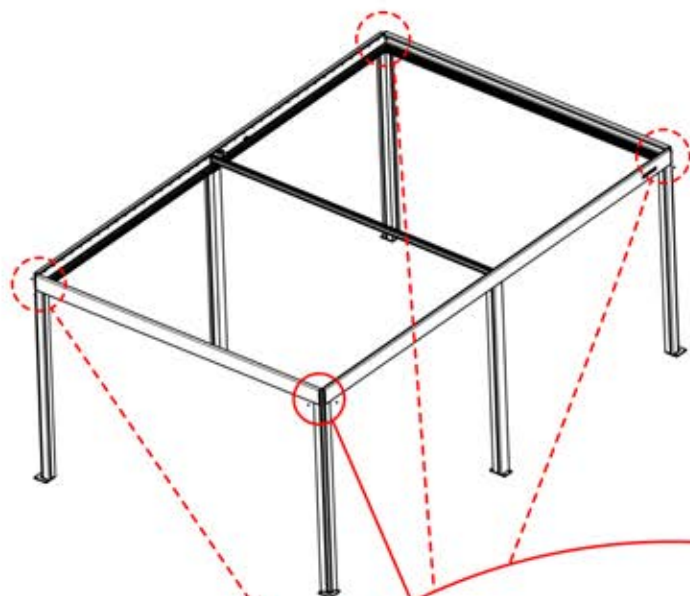
5x12  
3/16" x 1/2"

PN-200000569

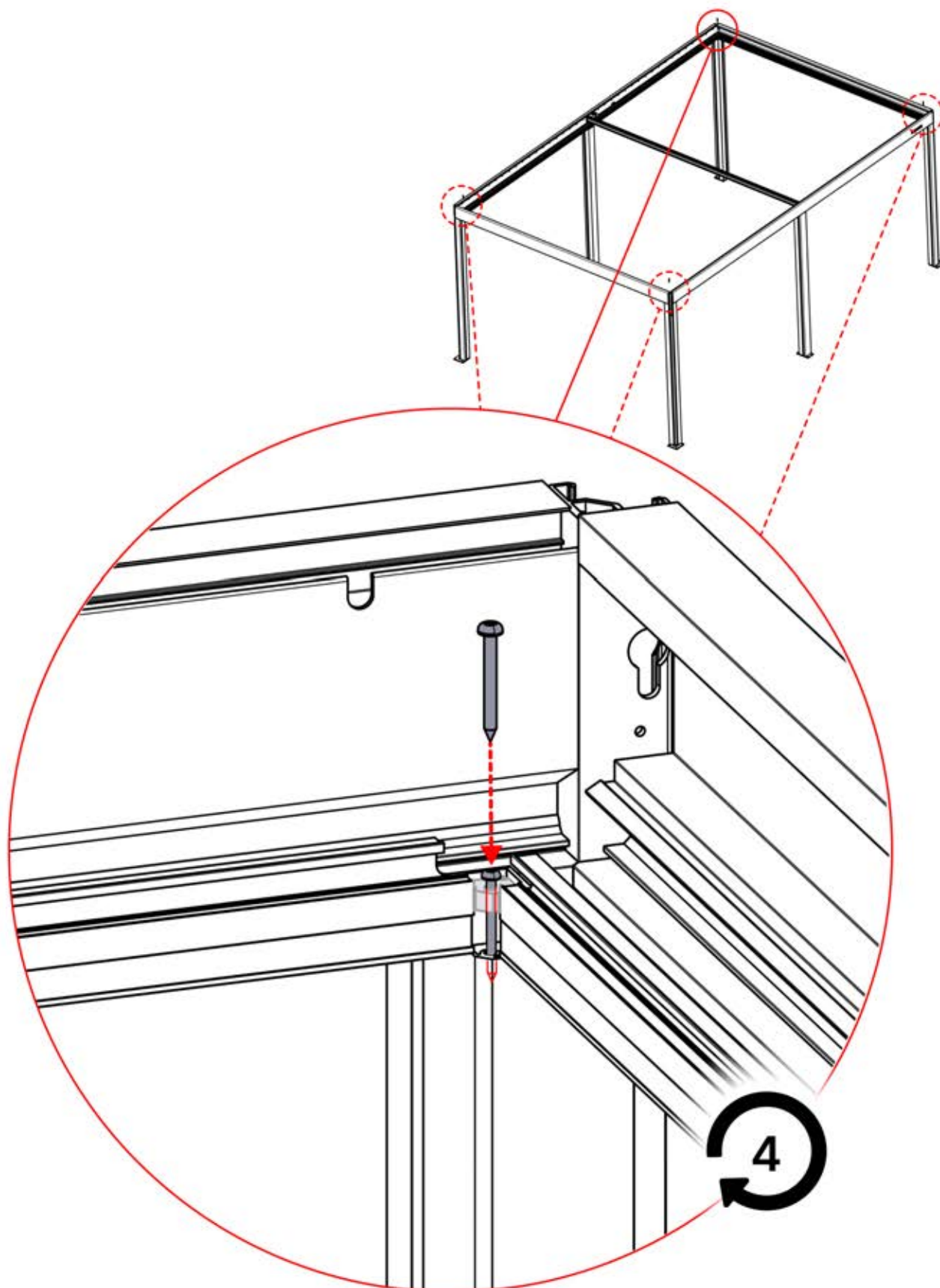
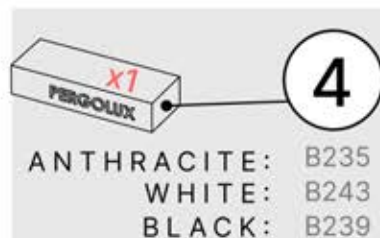
**8x**

PN-20000  
**3285**

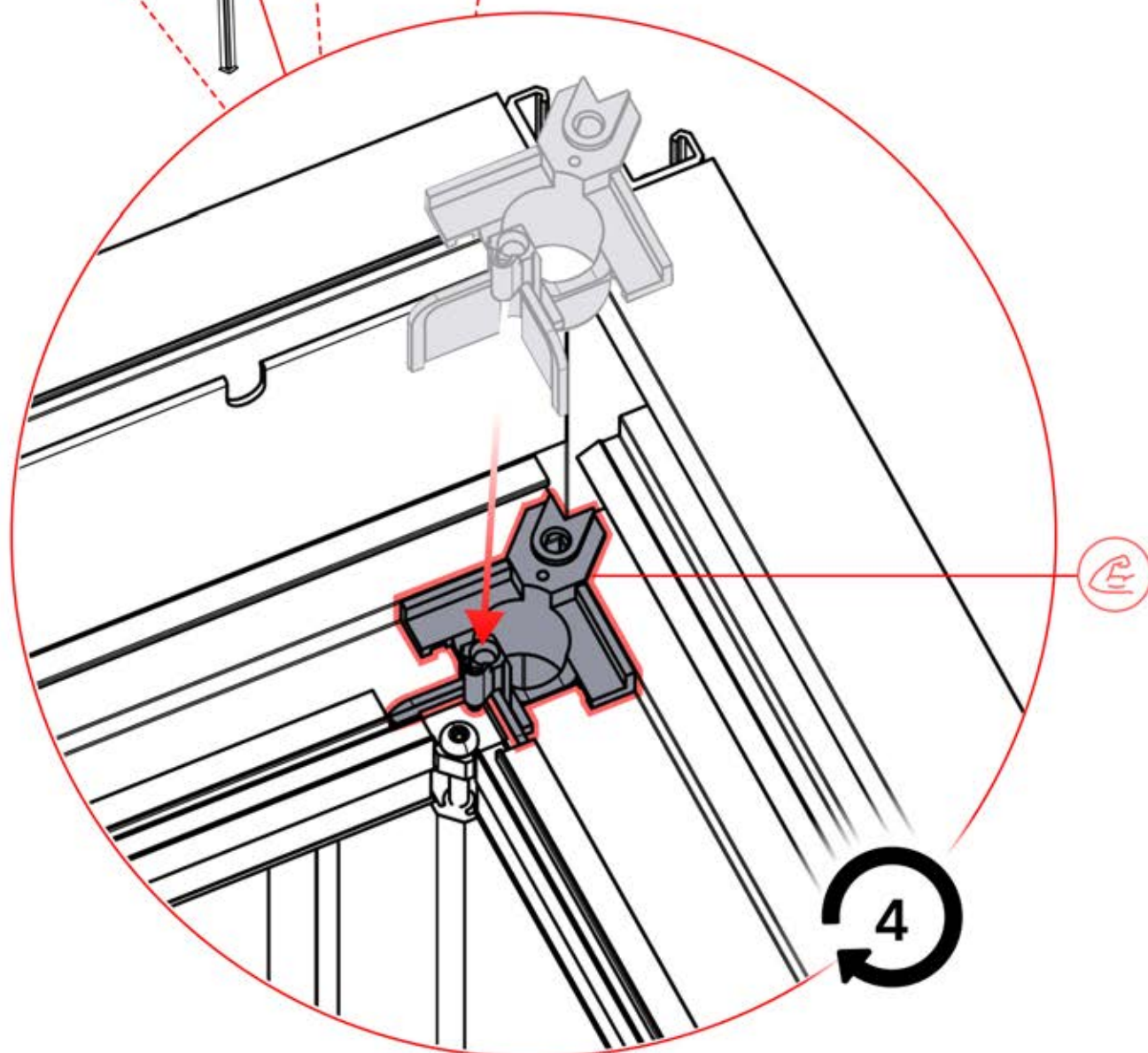
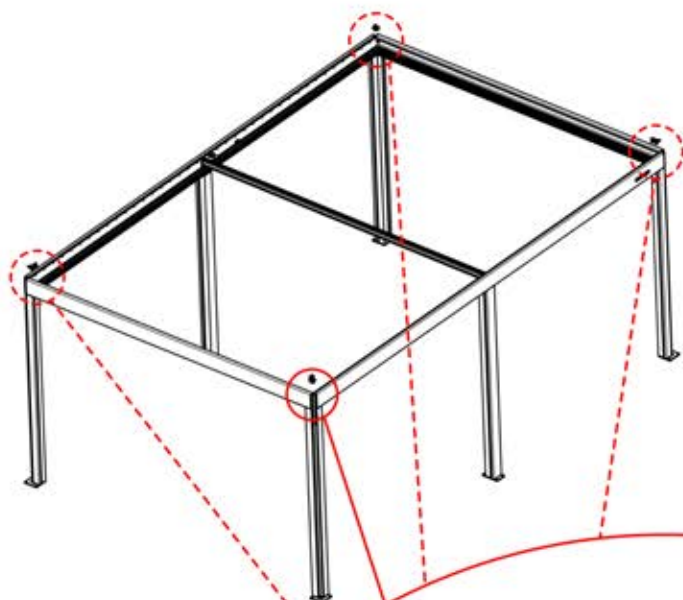
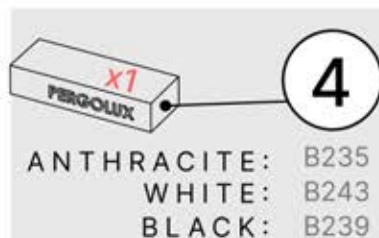
Zip Bag



# 13



# 14



# 15



**x1**

**4**

ANTHRACITE: B235

WHITE: B243

BLACK: B239



PN-200002618

**4x**



3.5x8  
6 x 5/16"

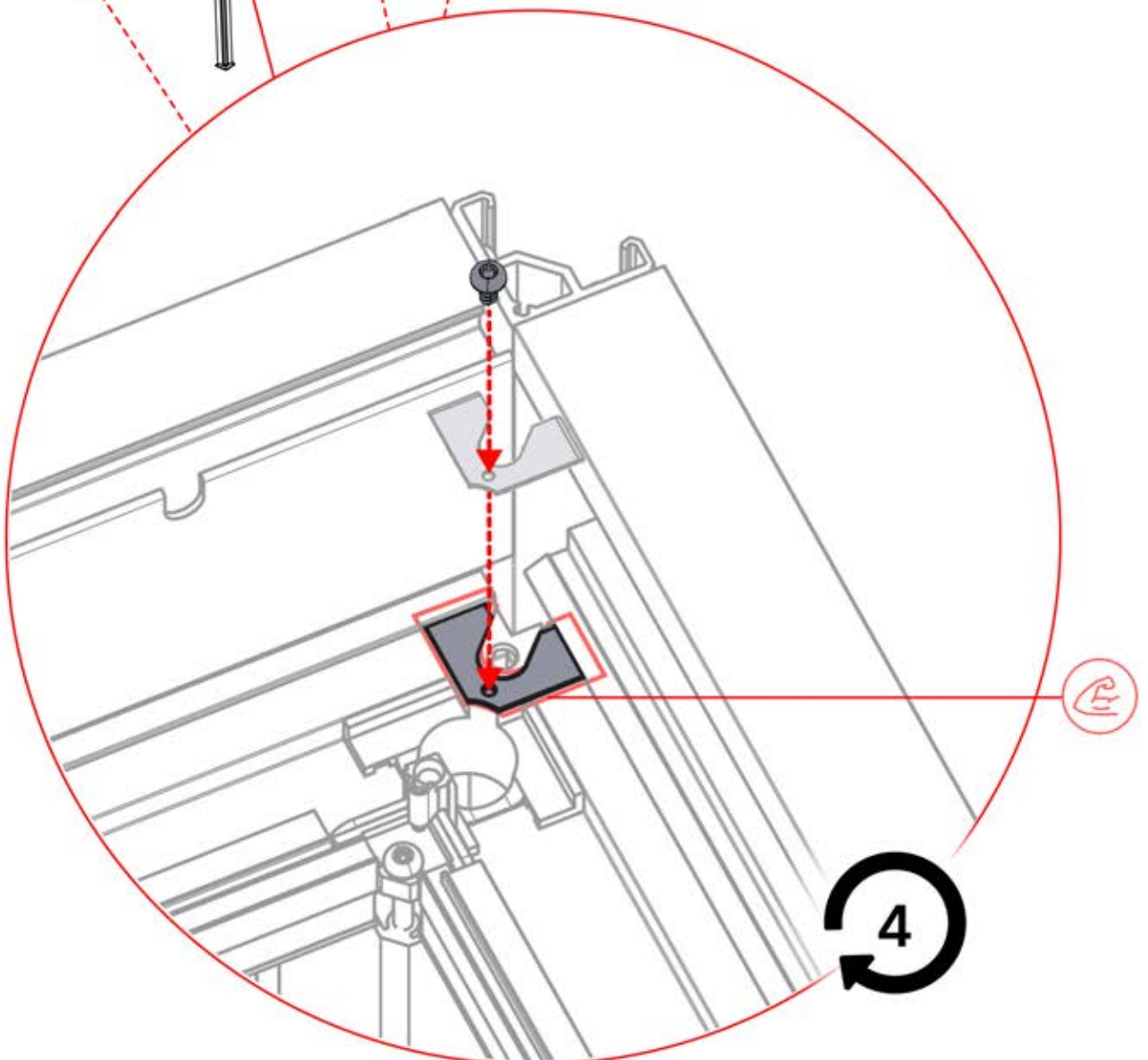
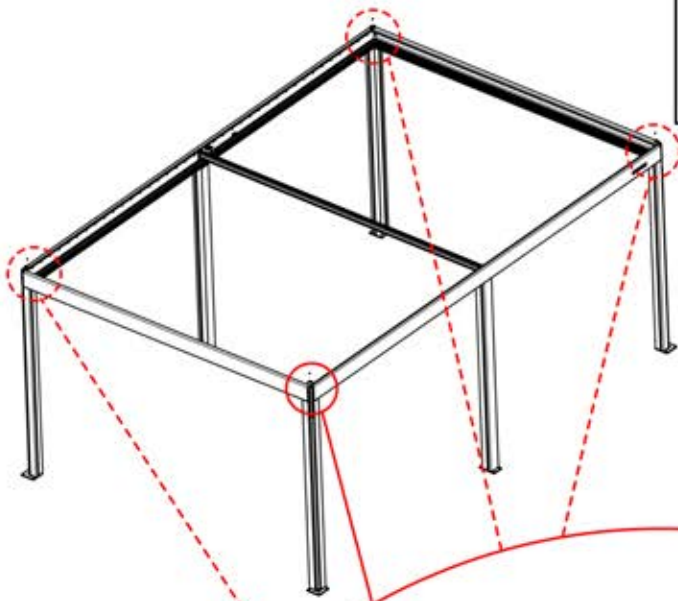
PN-200000571

**4x**

PN-20000

**3276**



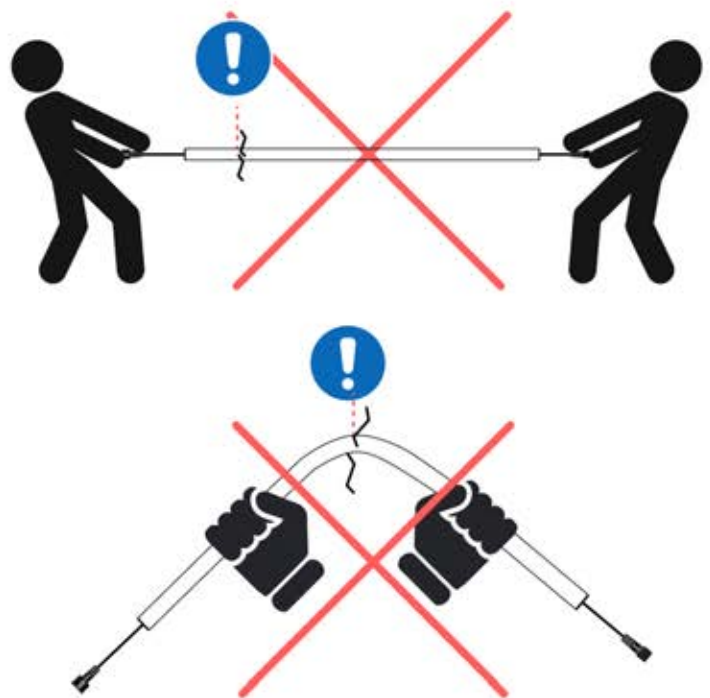


# IMPORTANT INFORMATION

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## Handle with care.

When installing the light strip, do not pull or bend the wires on both sides with force, as this may cause the solder joints to fall off.



**Important! Please watch all the videos before starting the assembly.**

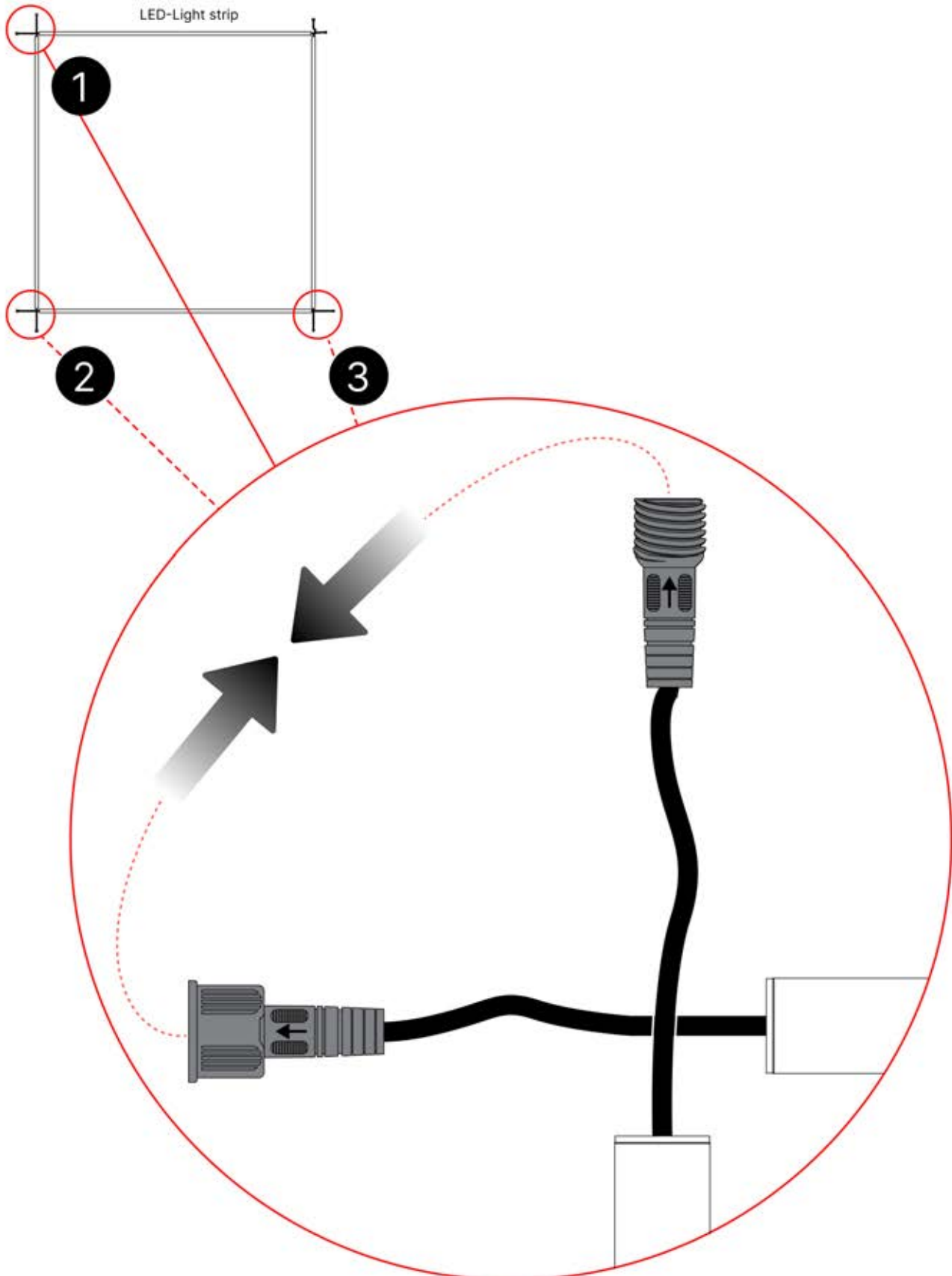
The videos contain important information relevant to the assembly process.



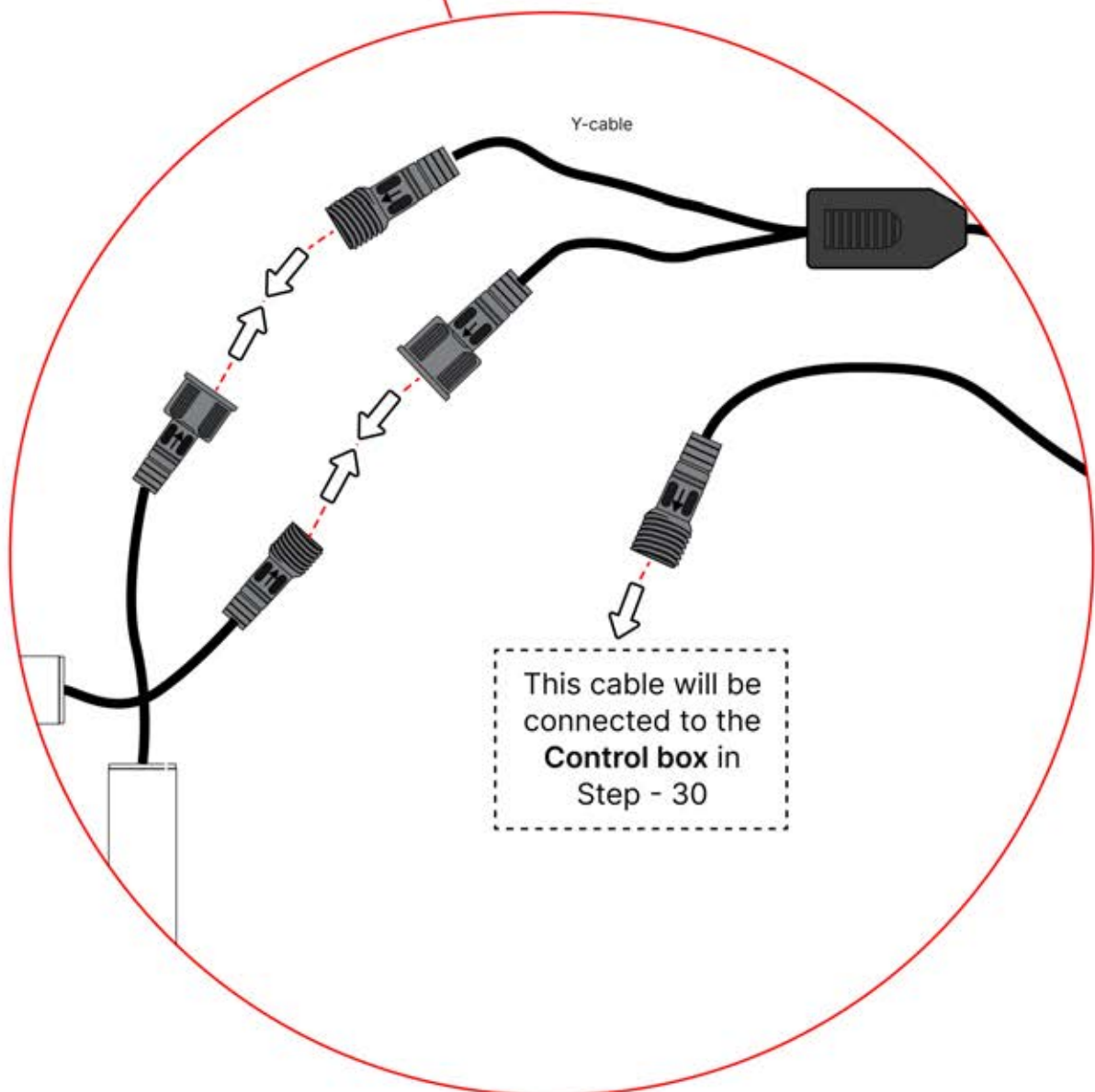
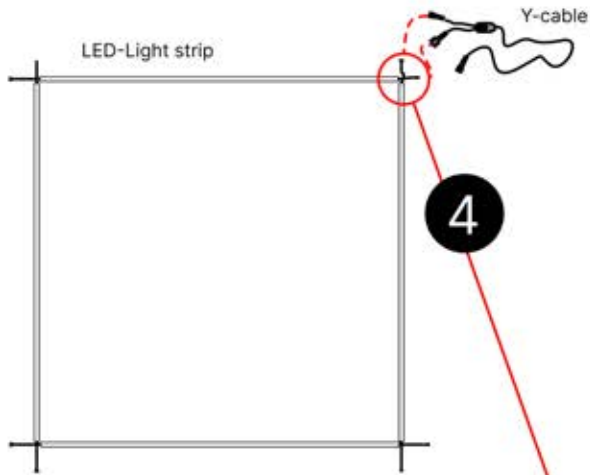
PERGOLUX LED Light S4

# IMPORTANT INFORMATION

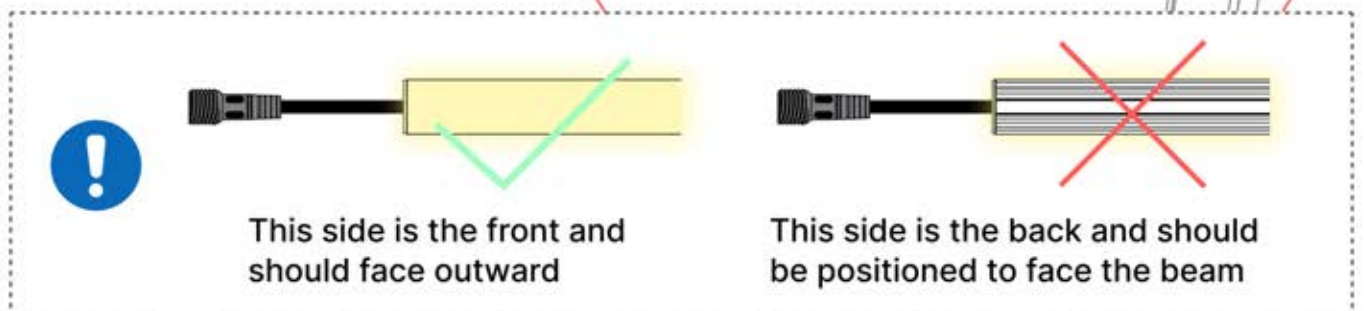
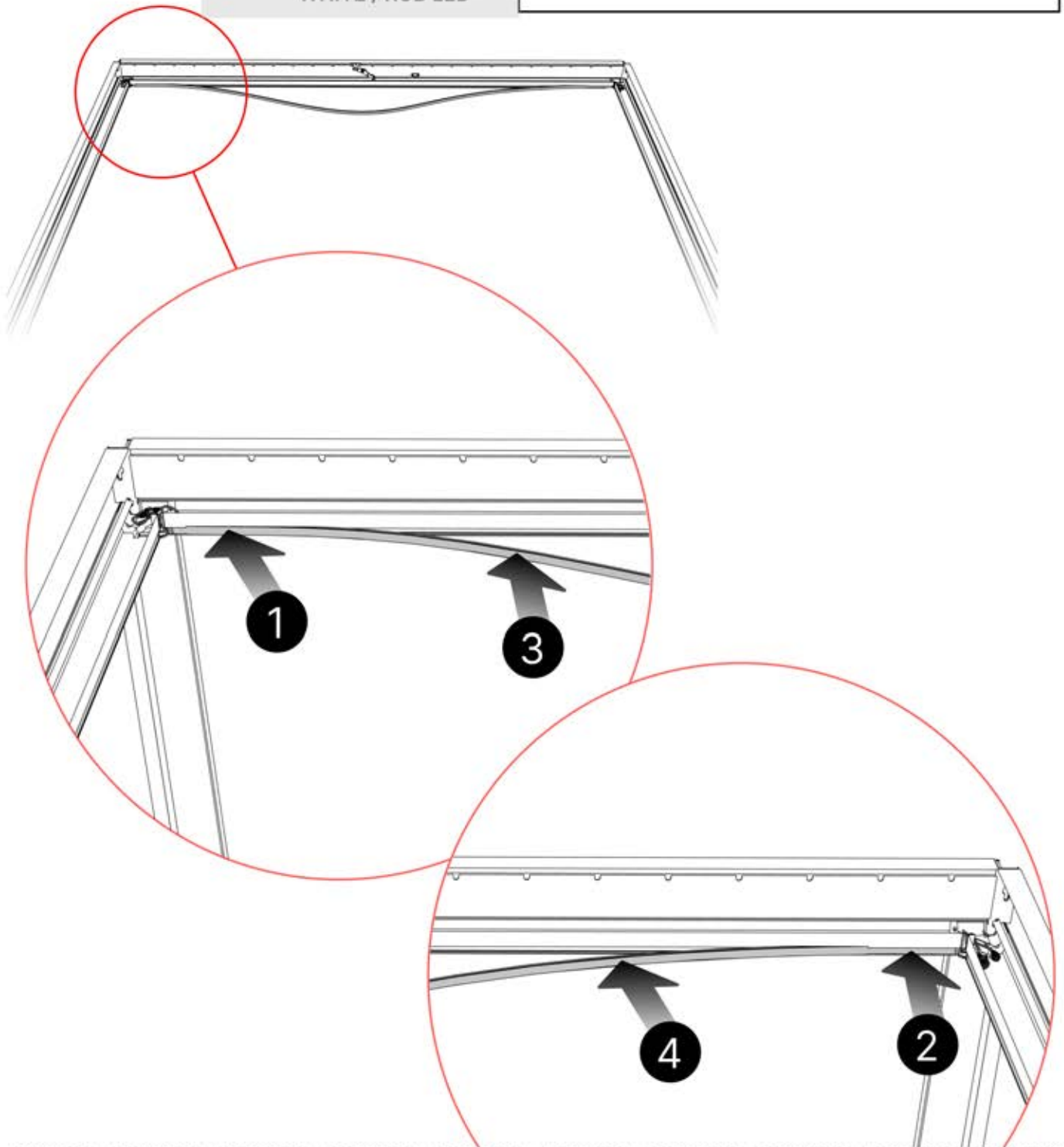
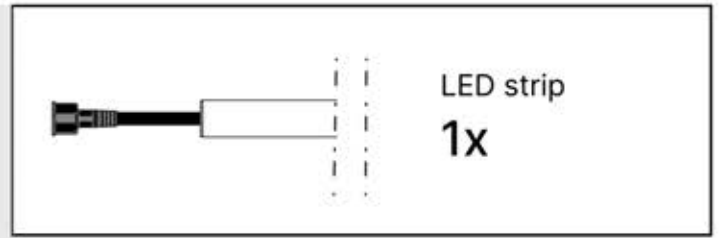
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# INFORMATION



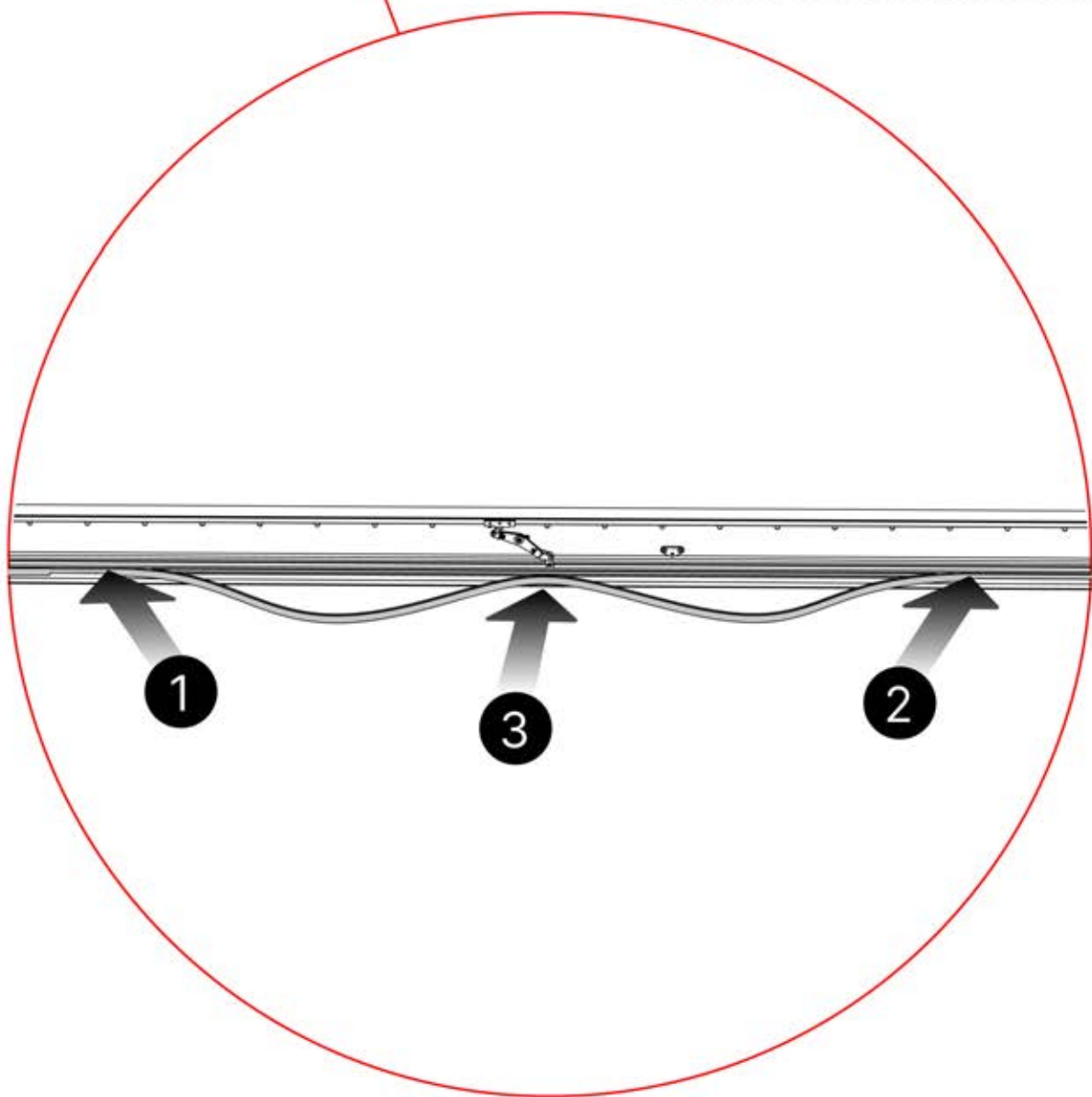
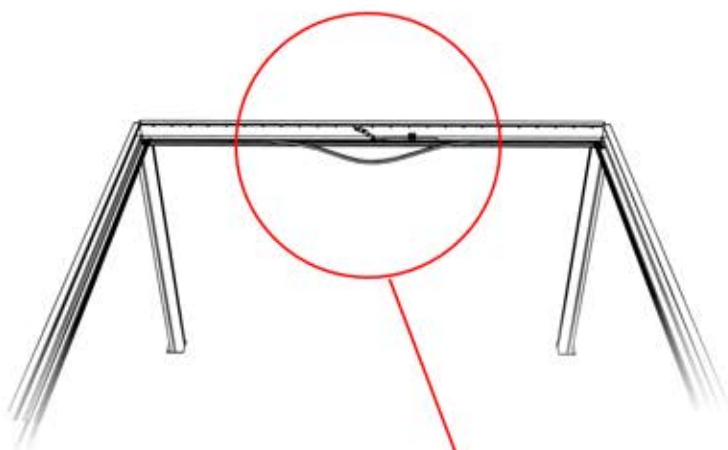
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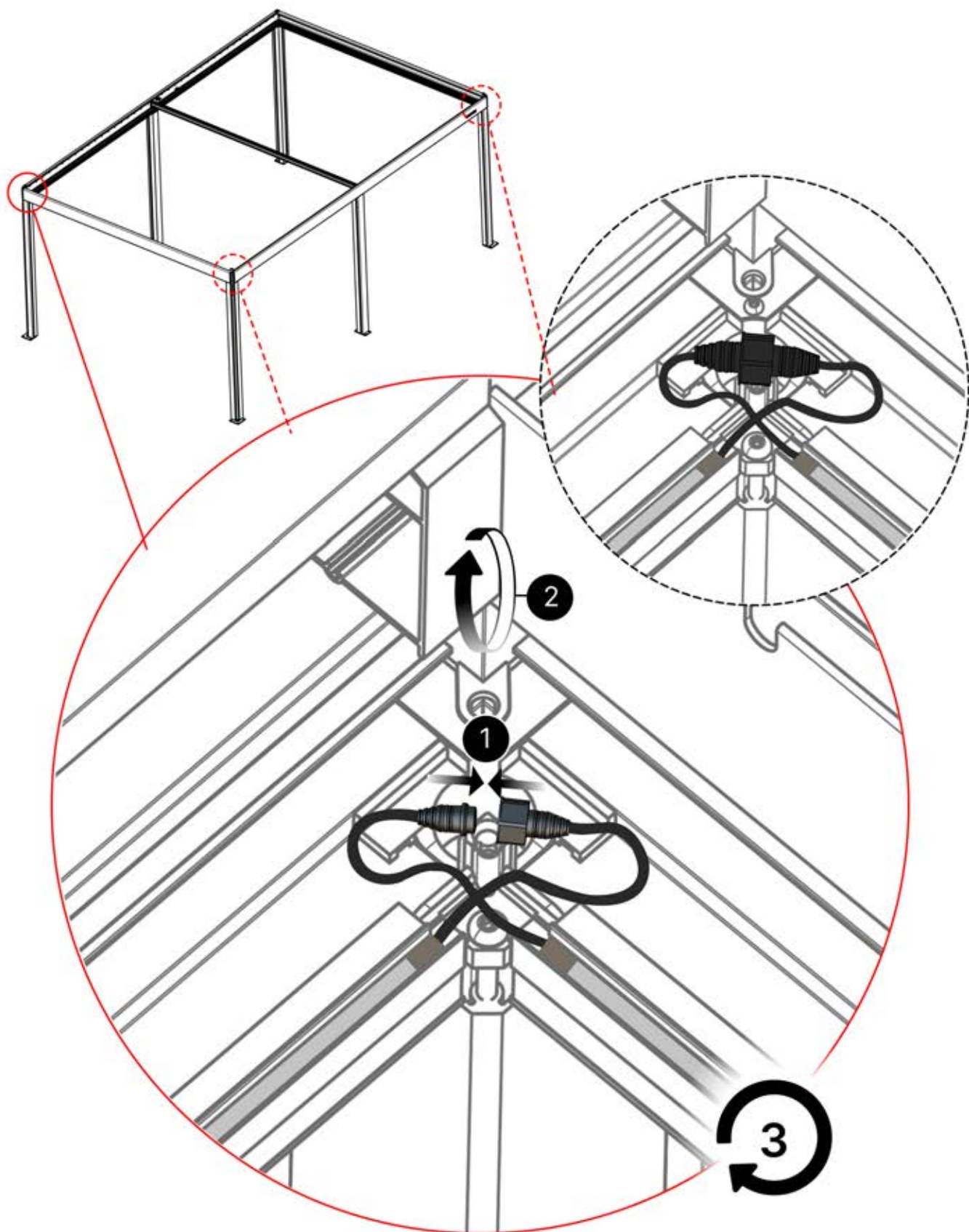
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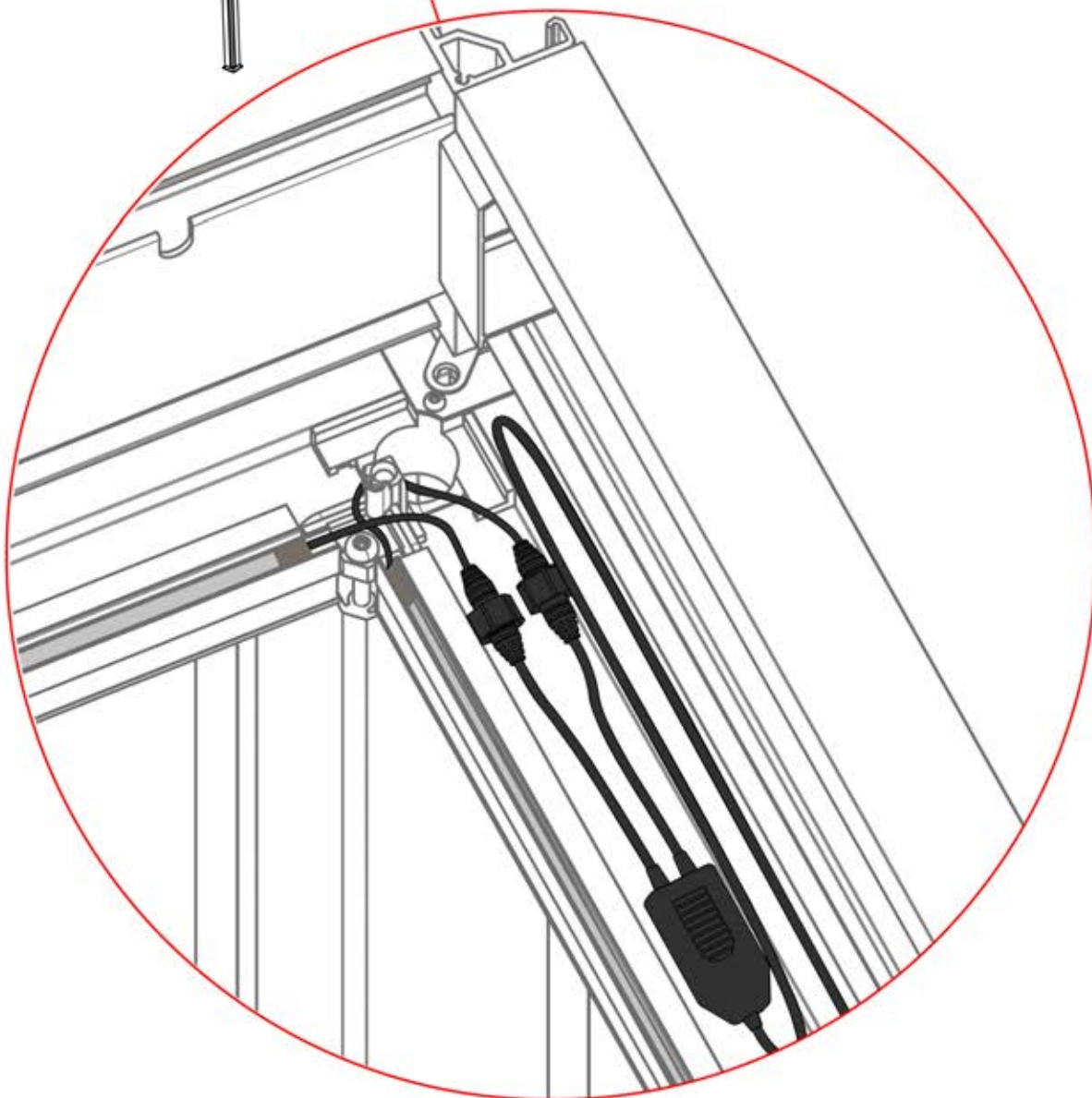
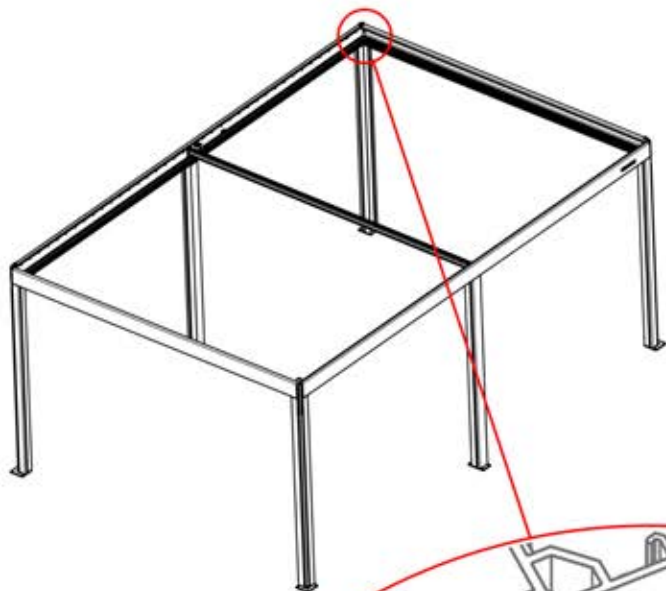
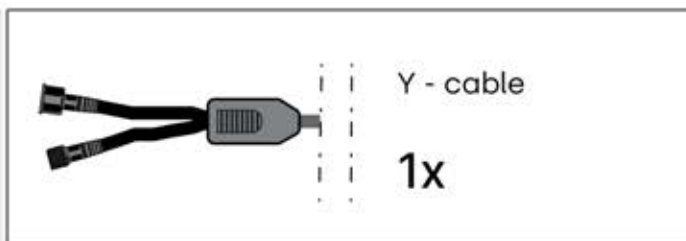
**Tip:** For a smoother LED installation, spray the track with soapy water before mounting.



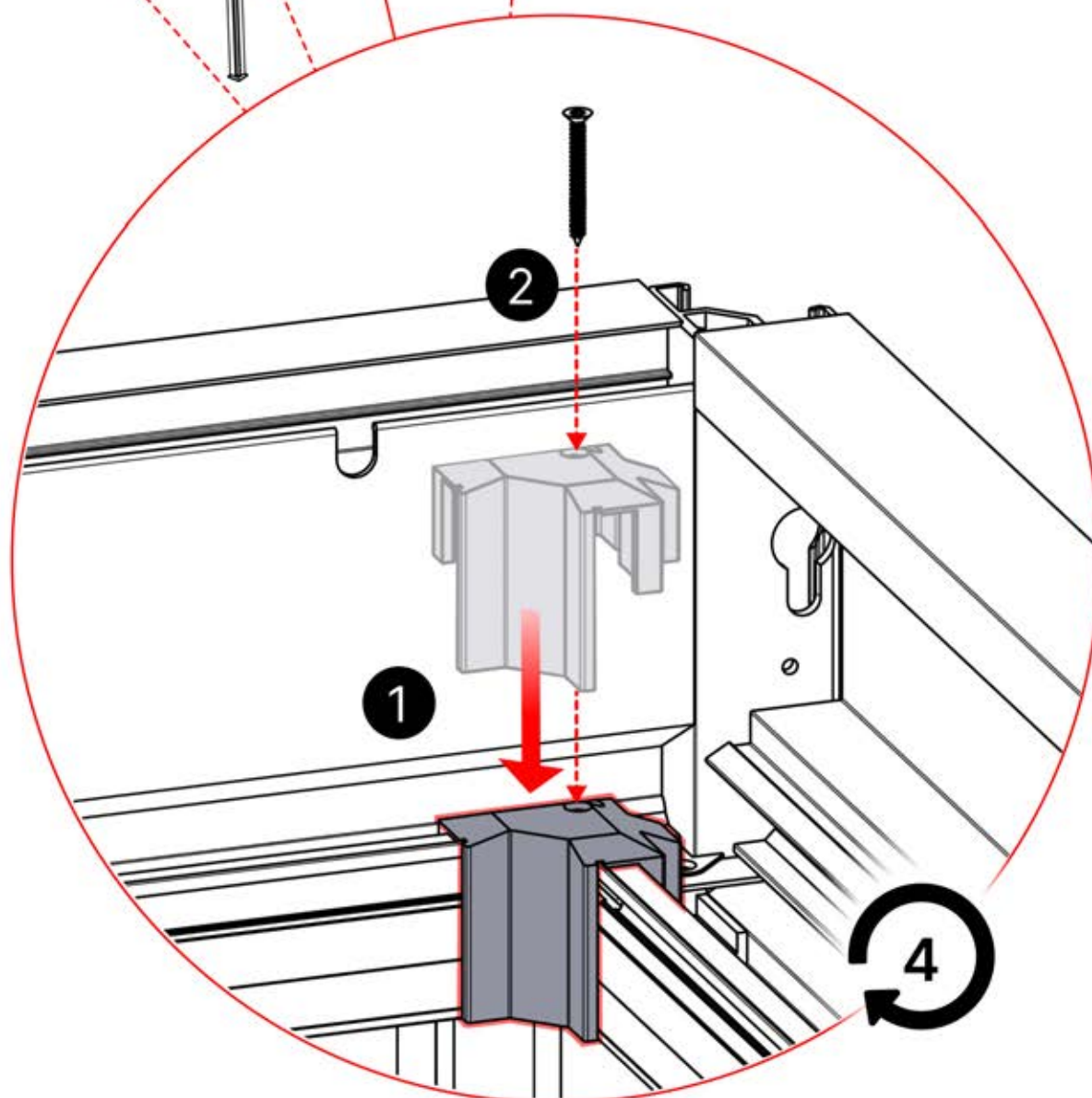
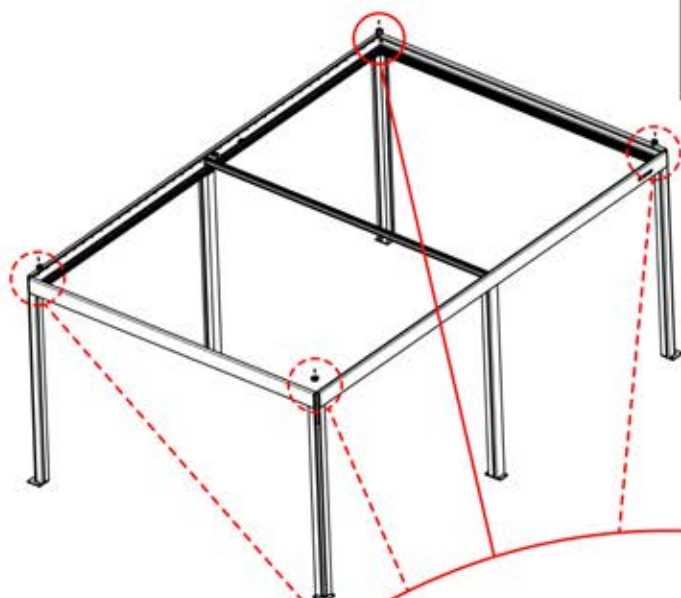
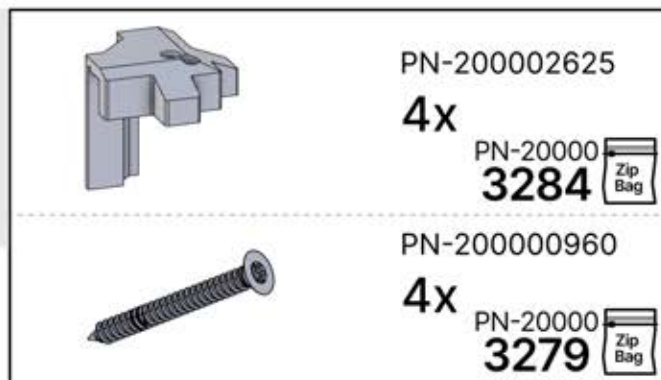
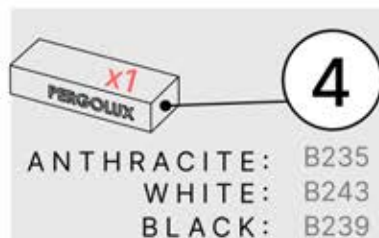
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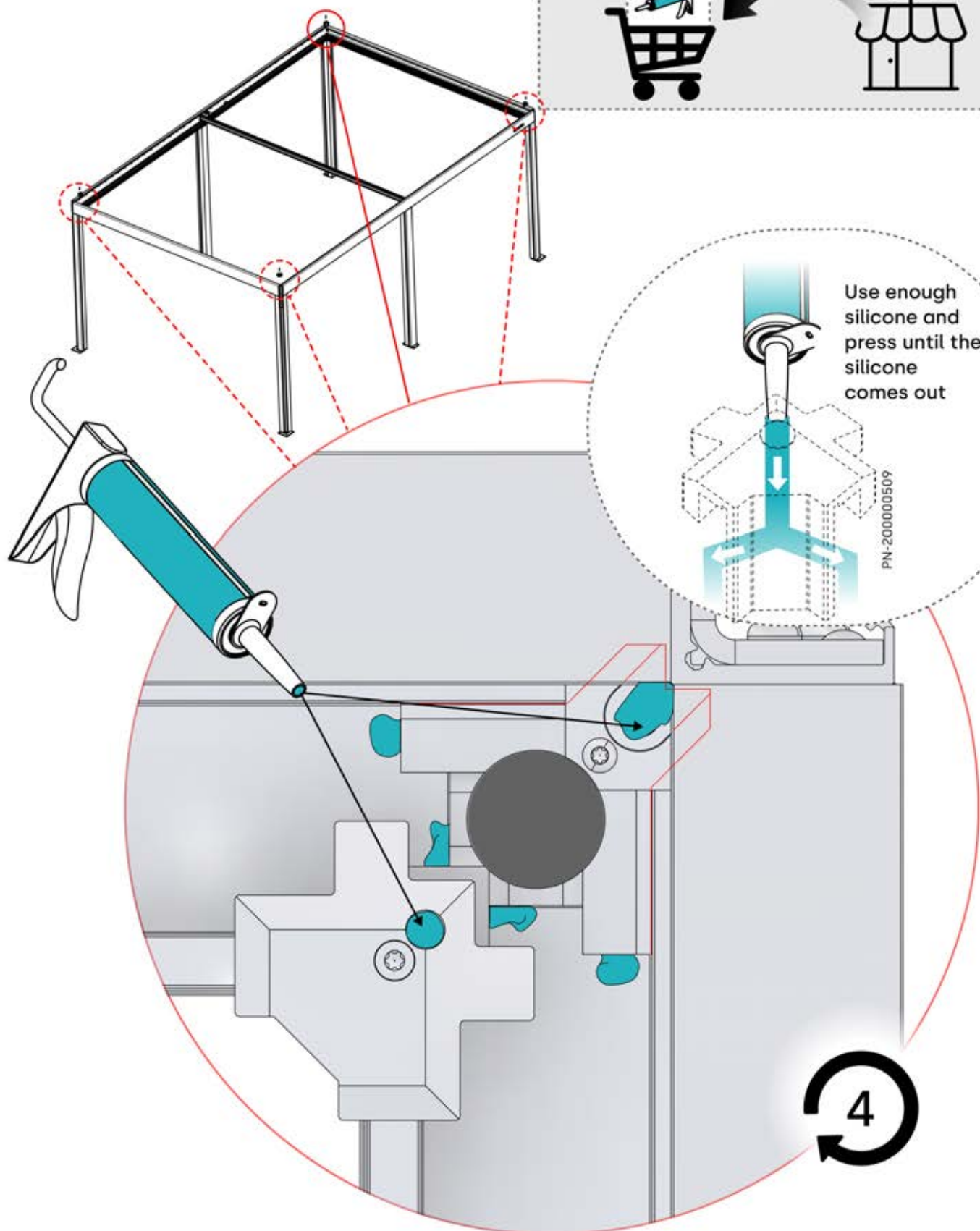
# 19



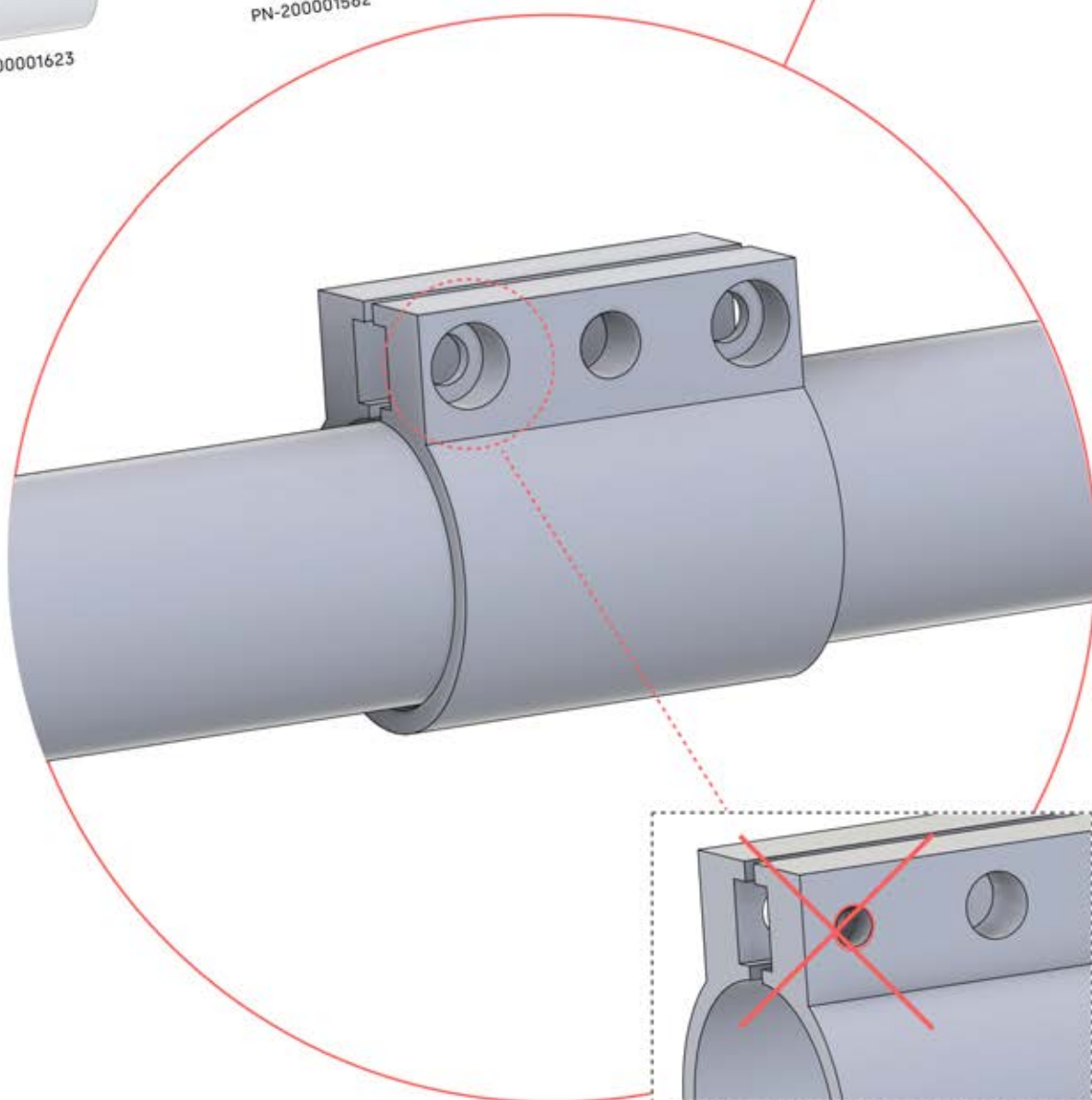
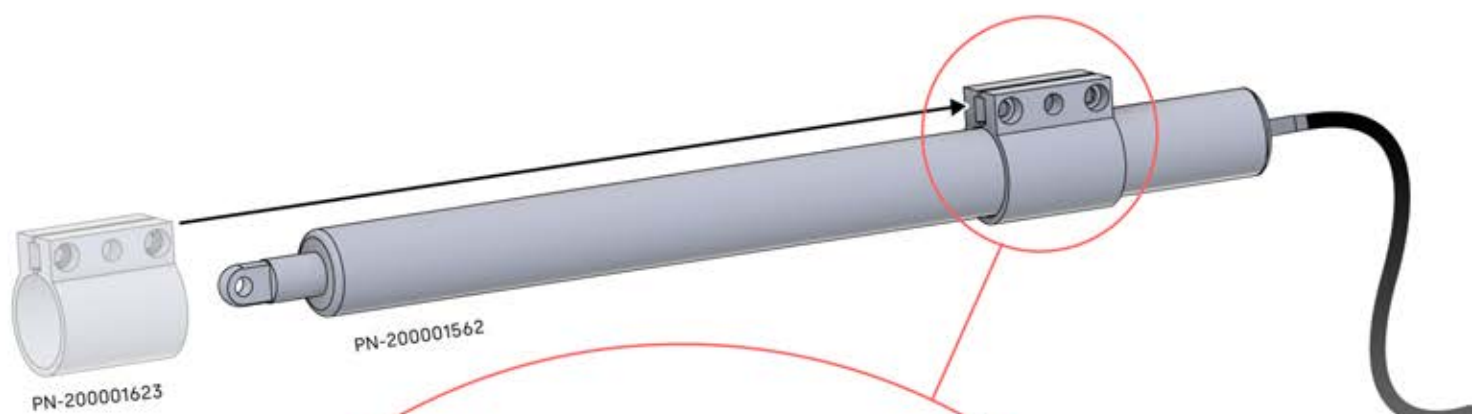
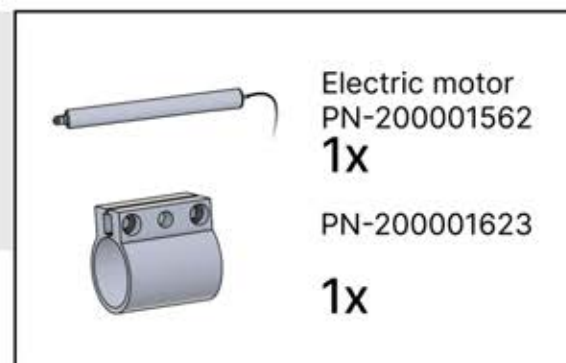
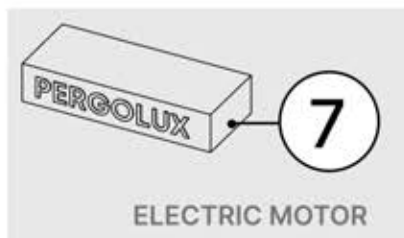
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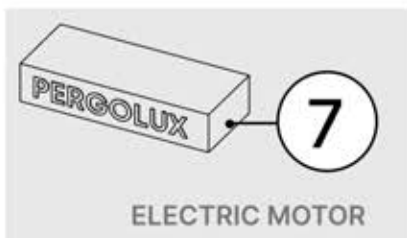
# 21



# 22



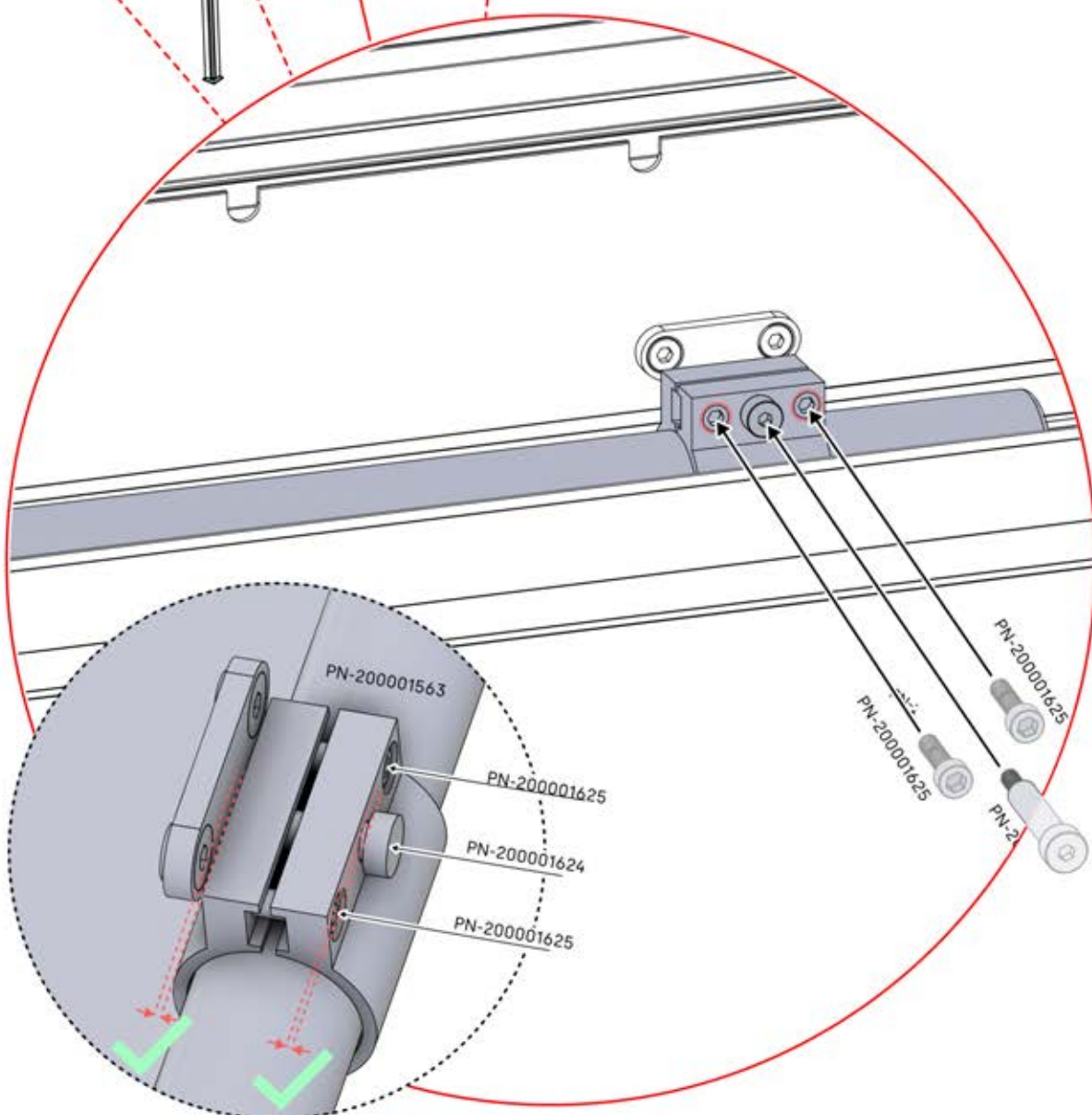
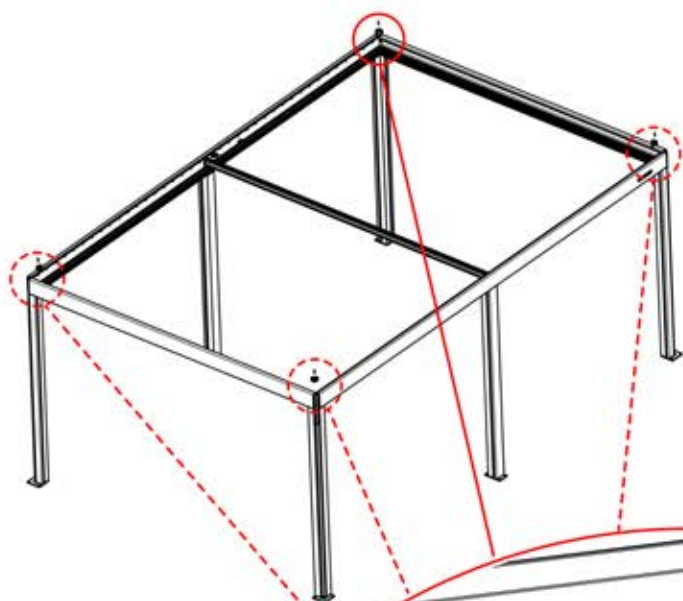
# 23



PN-200001625  
2x



PN-200001624  
1x



# 24



4

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239



PN-200003372

1x



PN-200000502

1x



PN-200003373

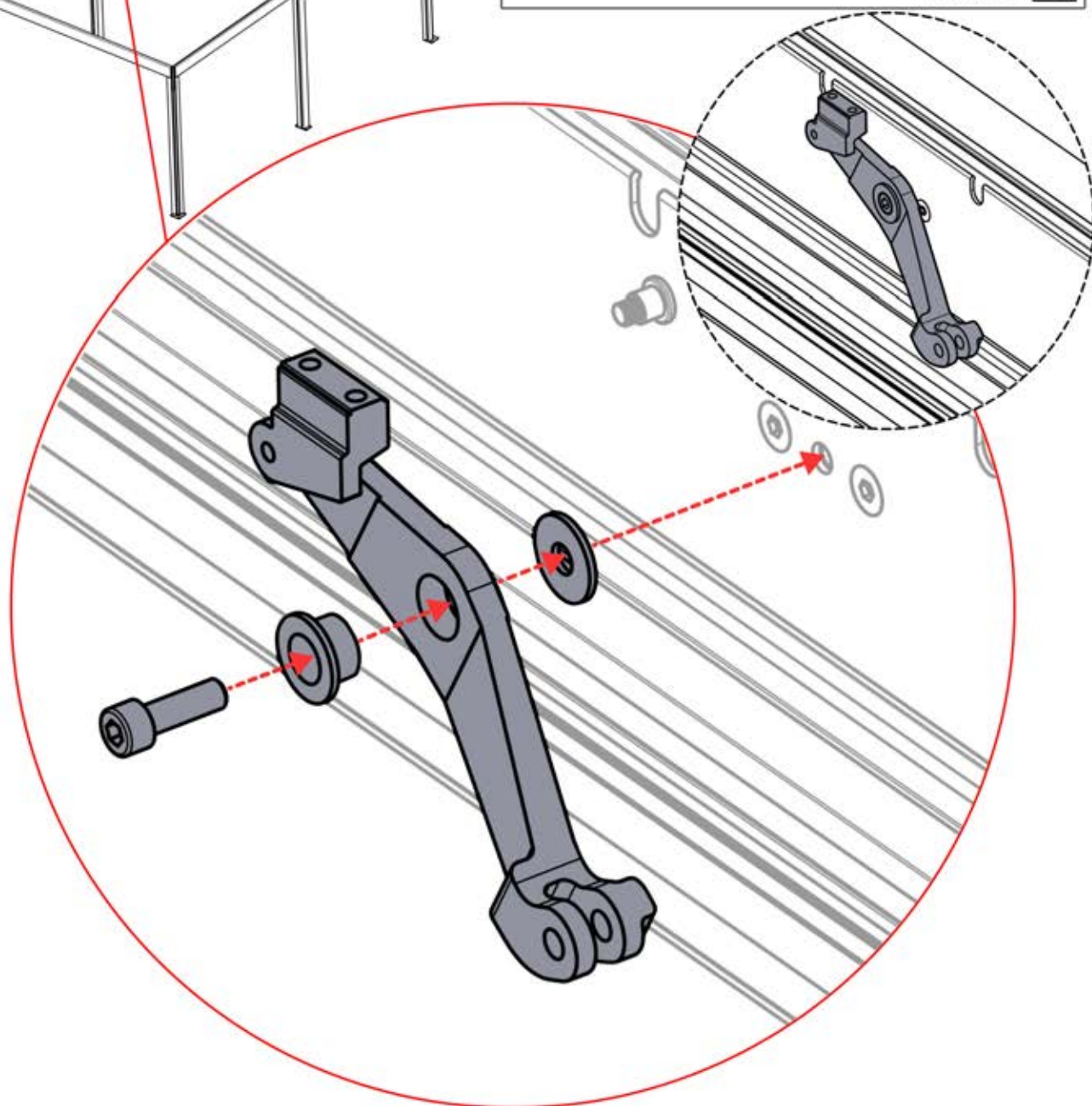
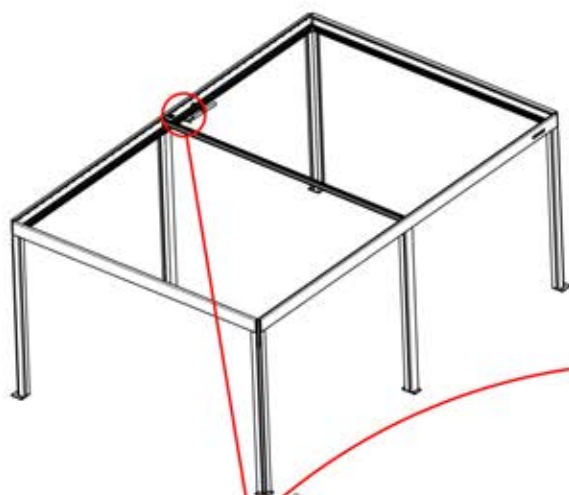
1x



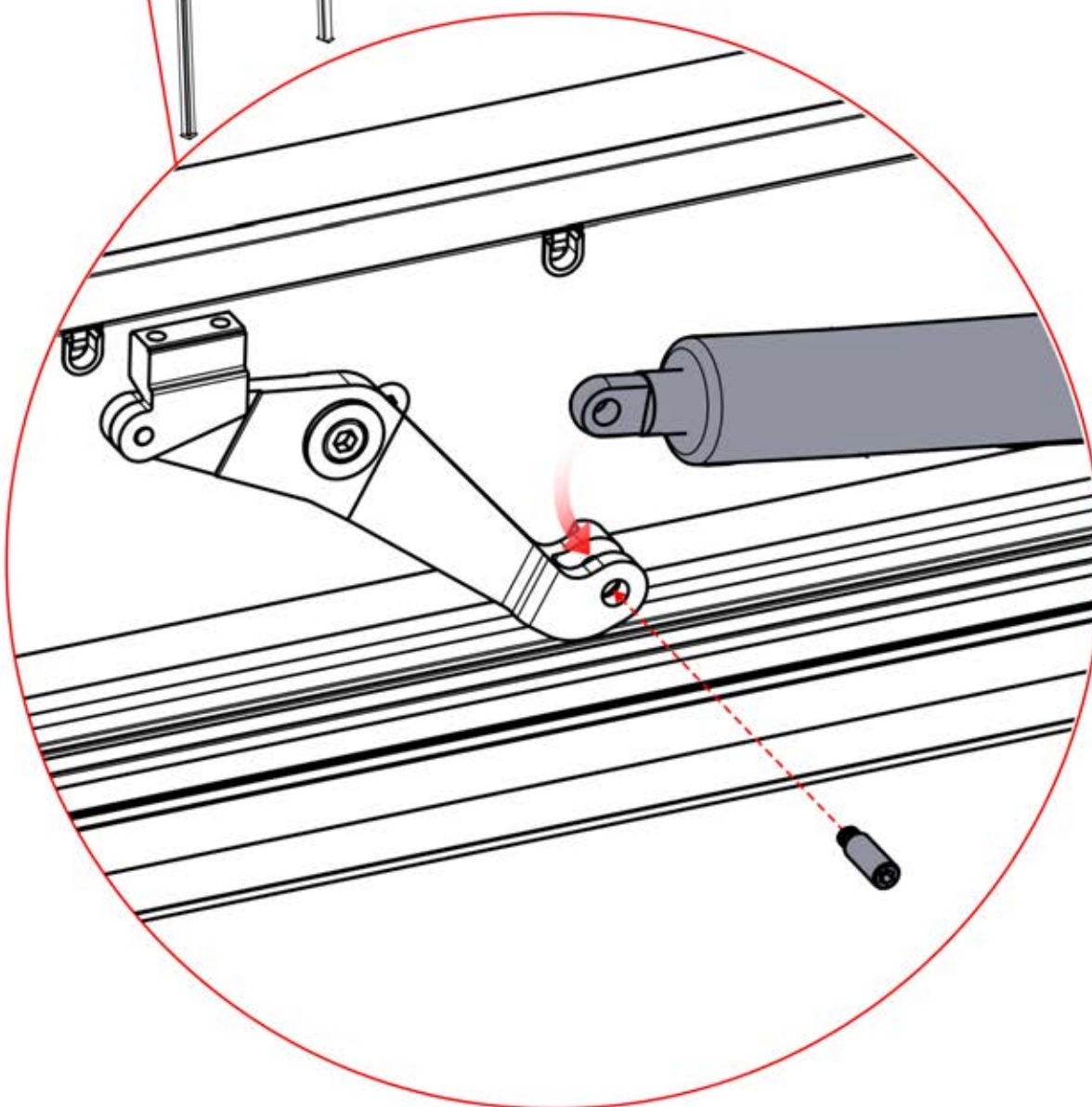
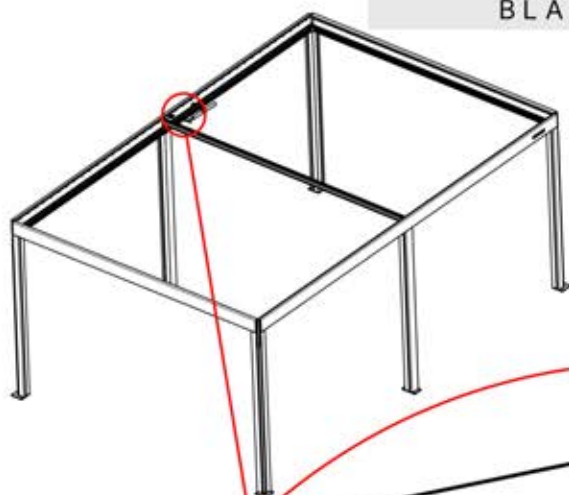
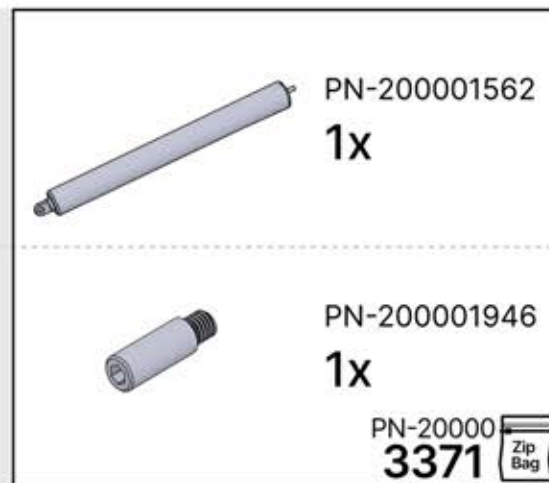
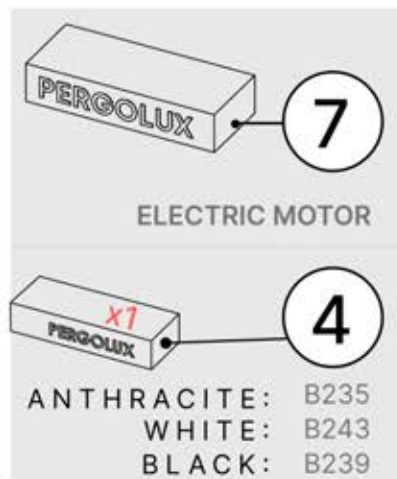
PN-200000561

1x

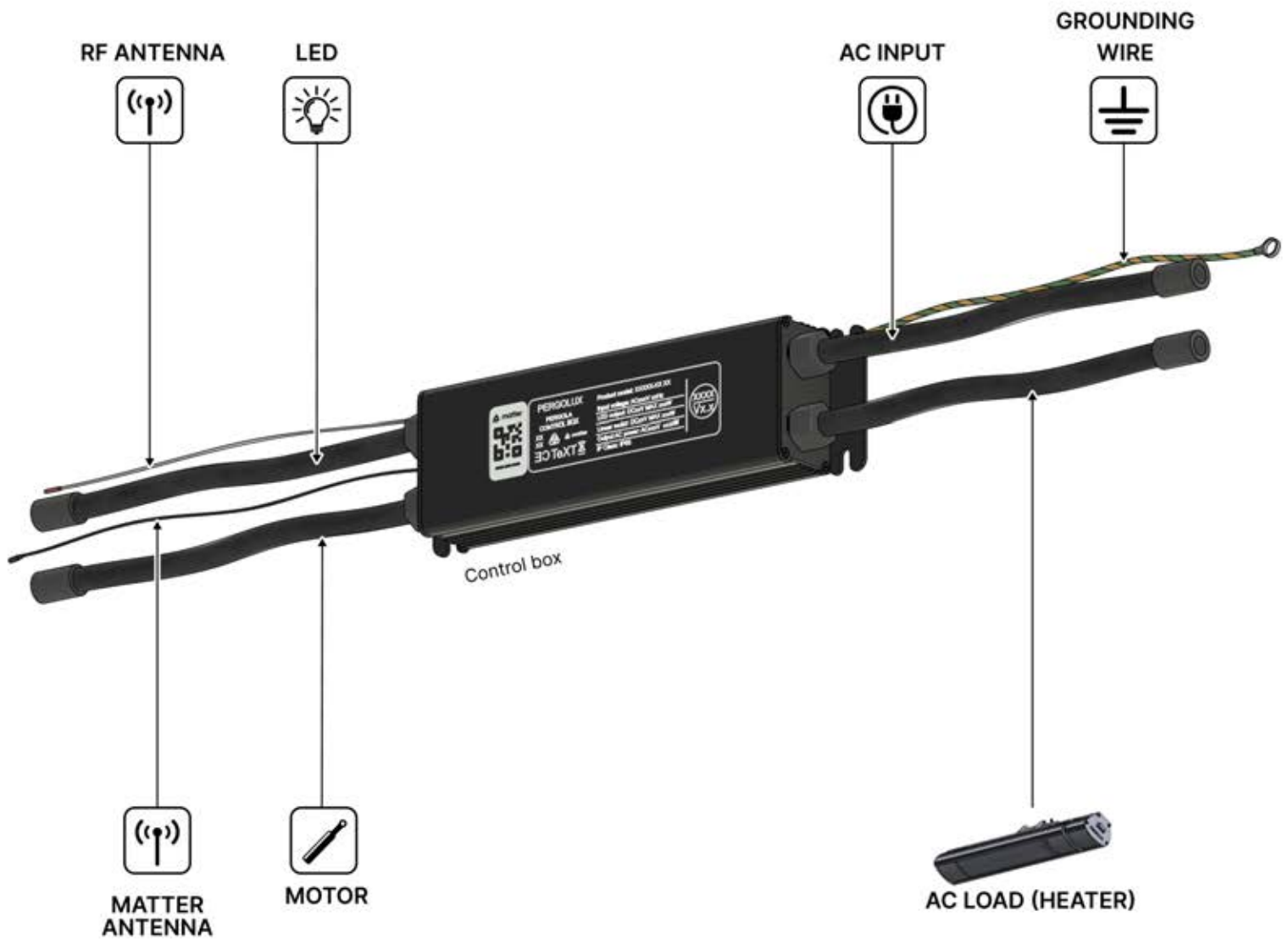
PN-20000  
**3371** Zip Bag



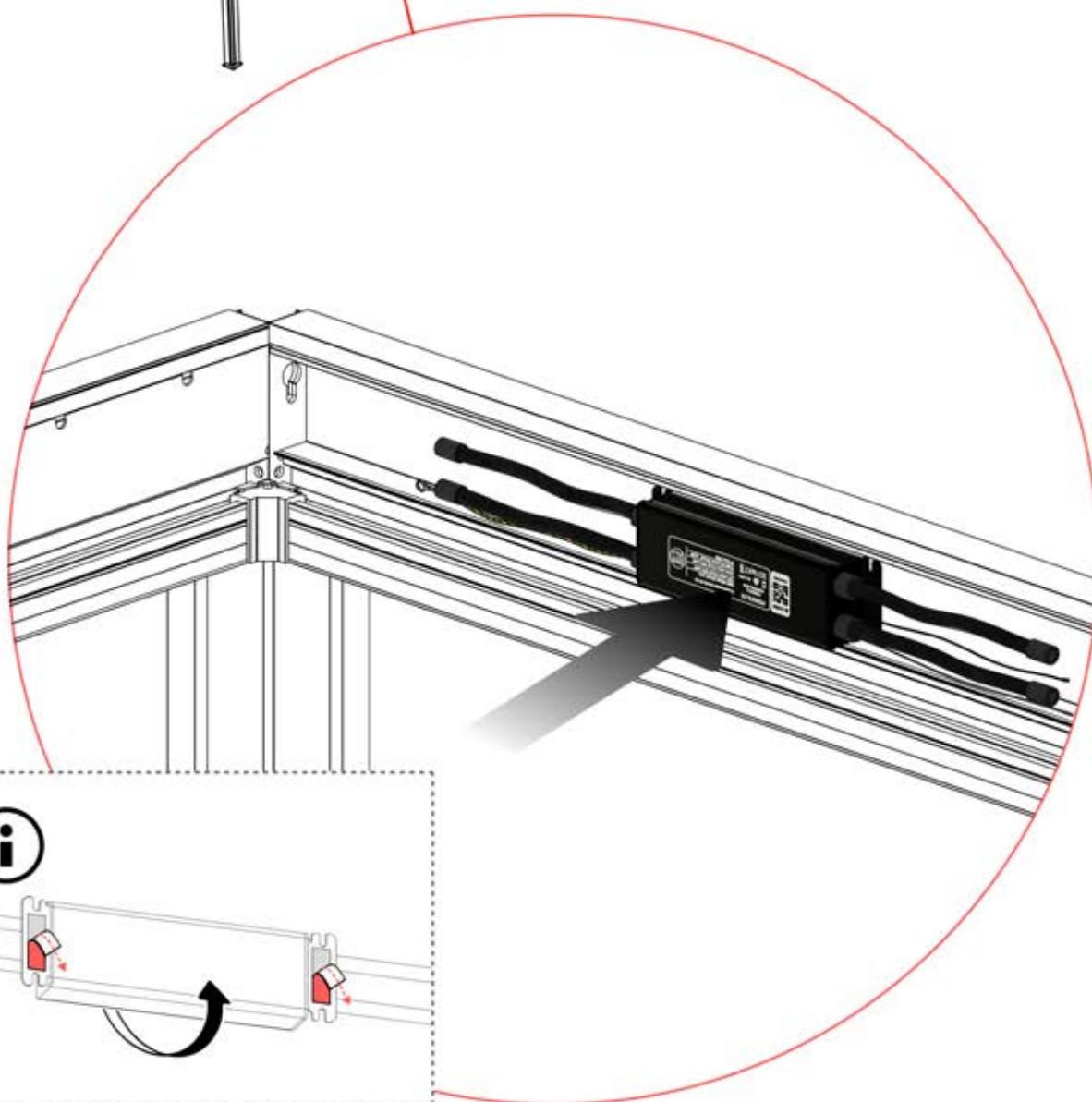
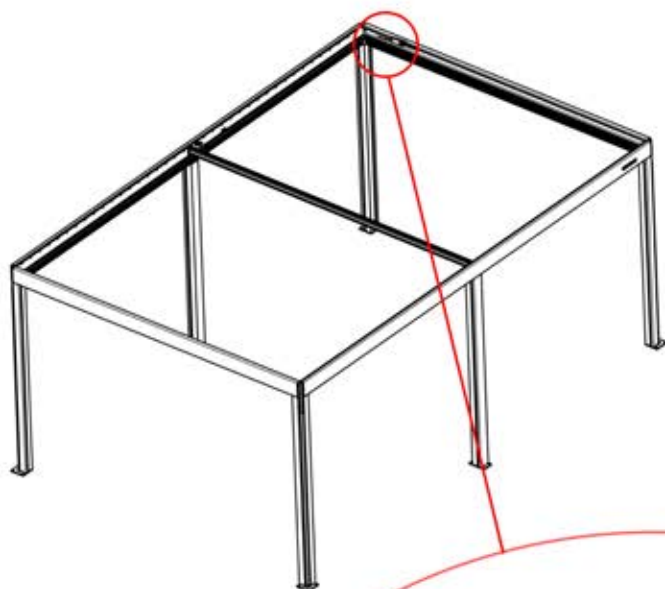
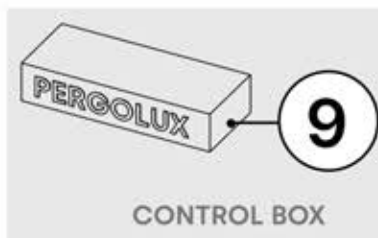
# 25



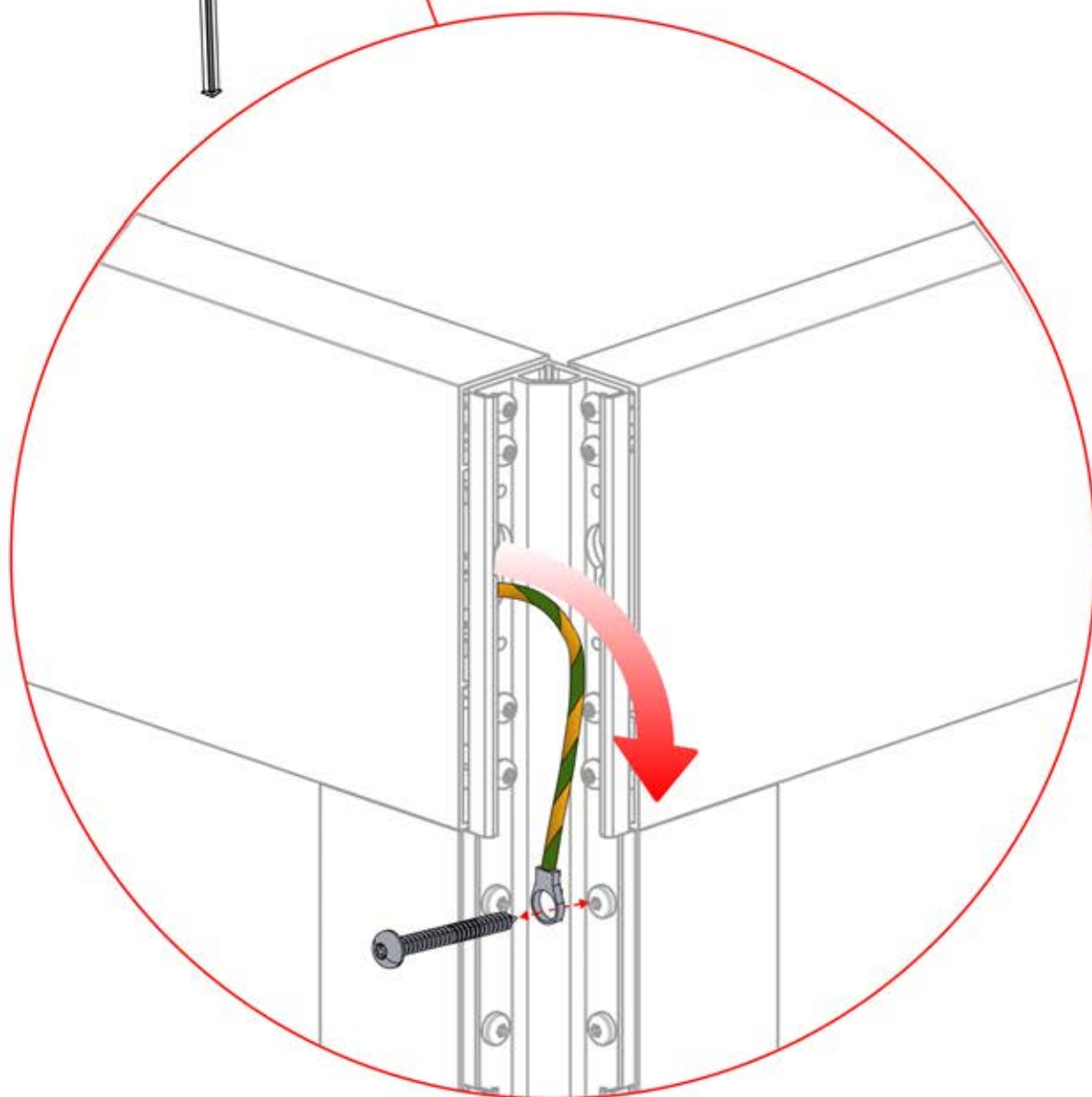
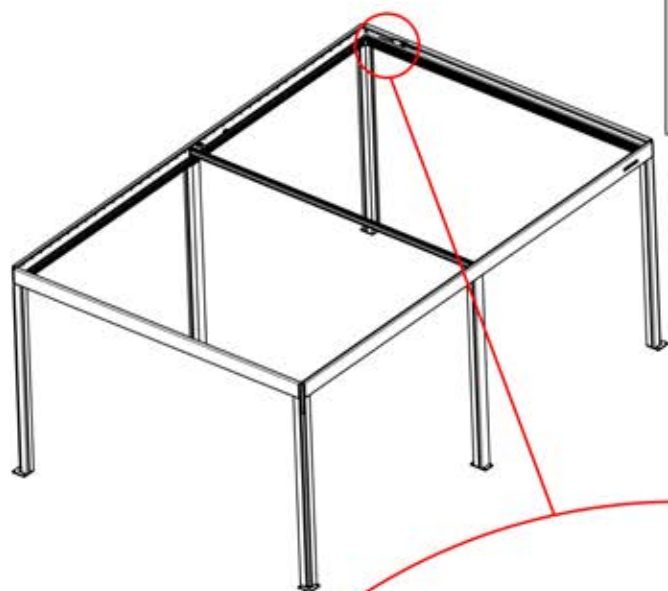
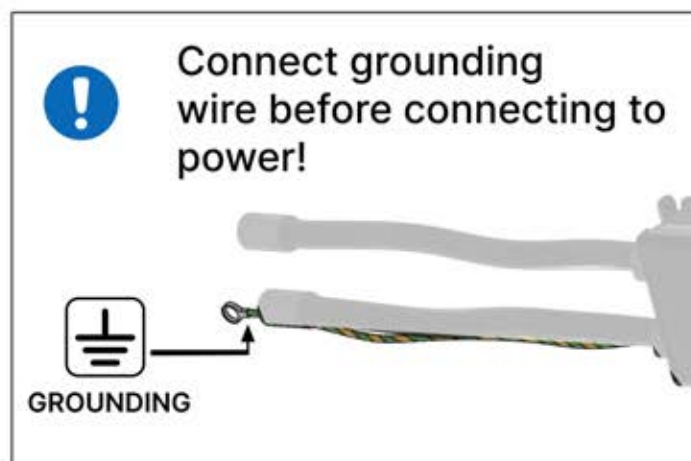
# INPUTS AND OUTPUTS



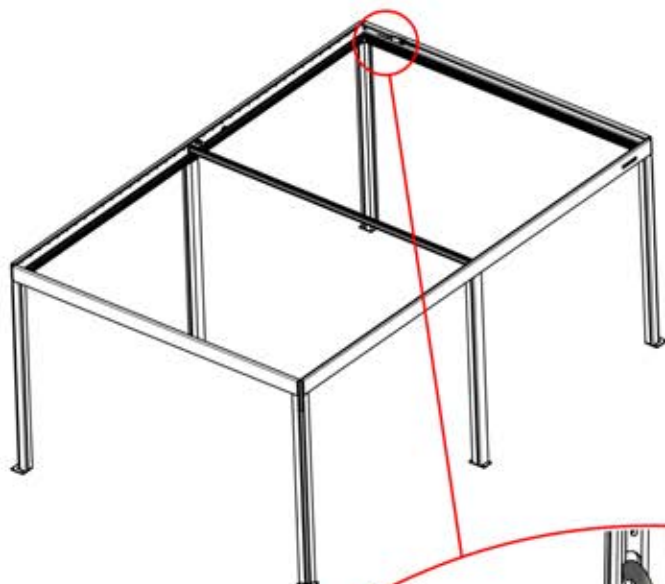
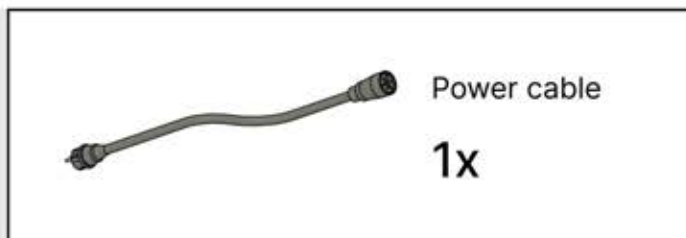
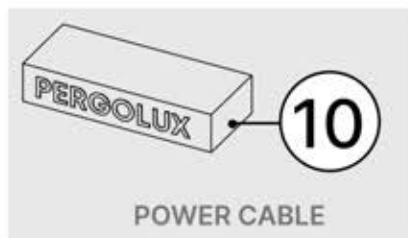
# 26



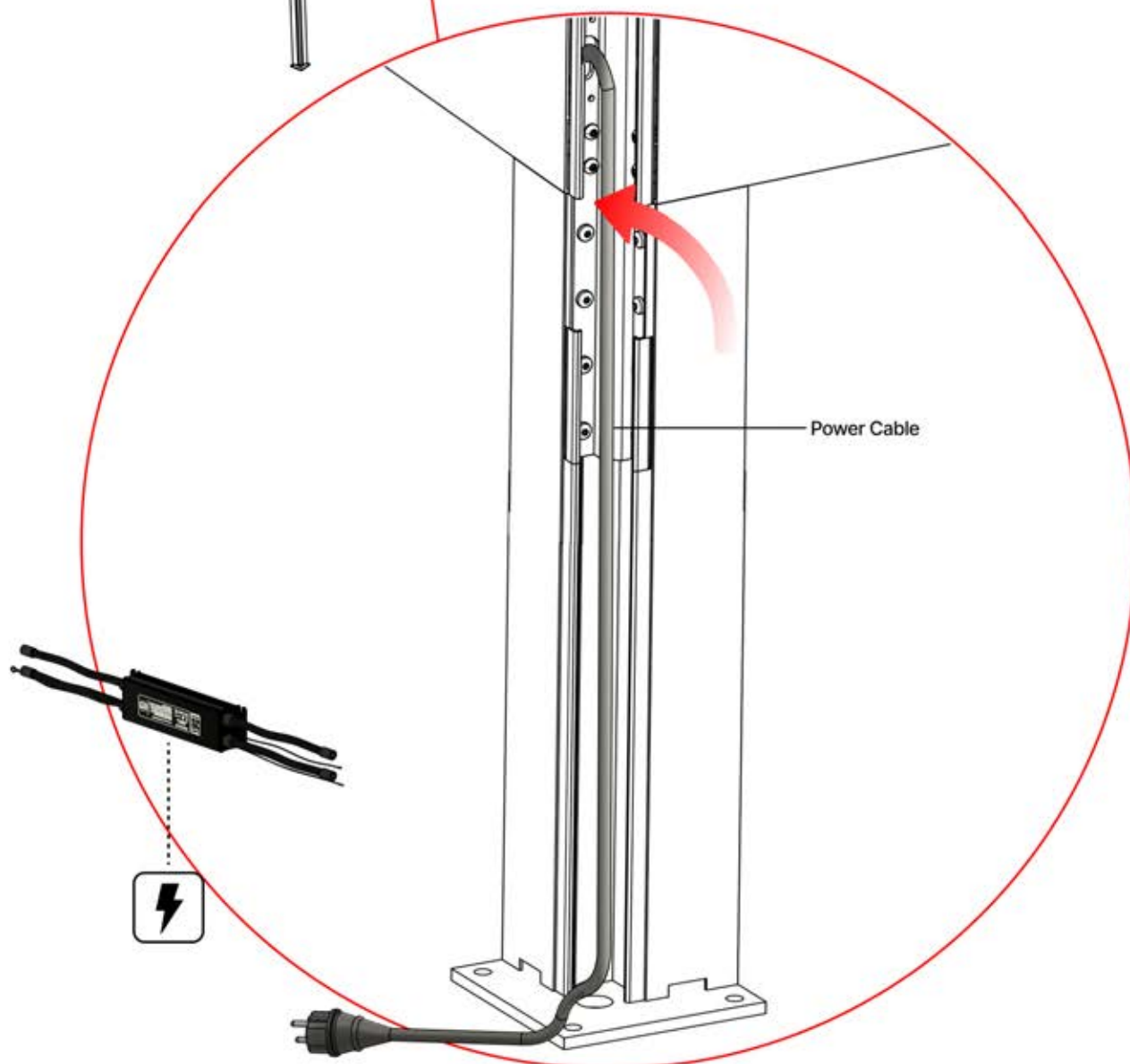
# 27



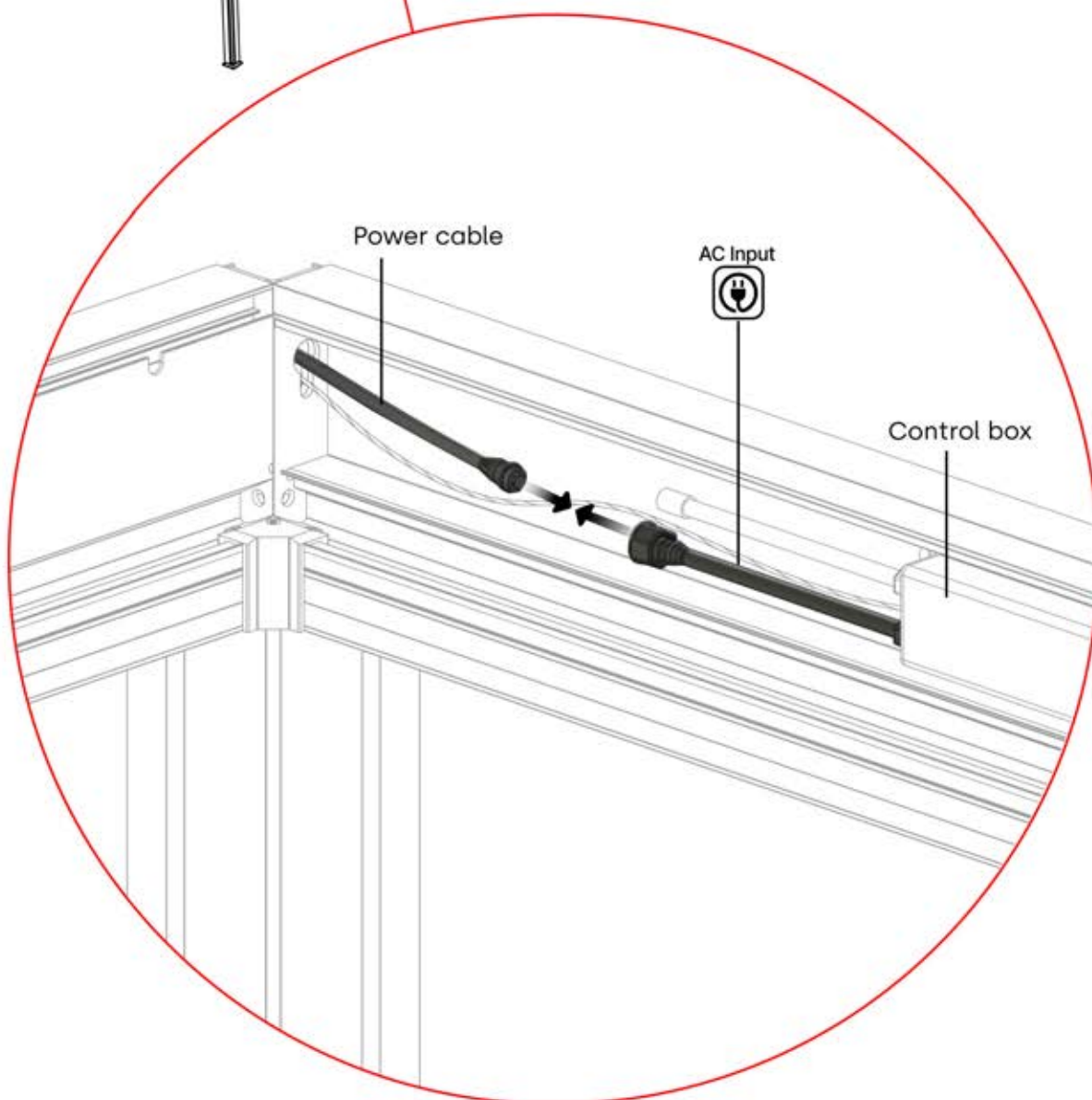
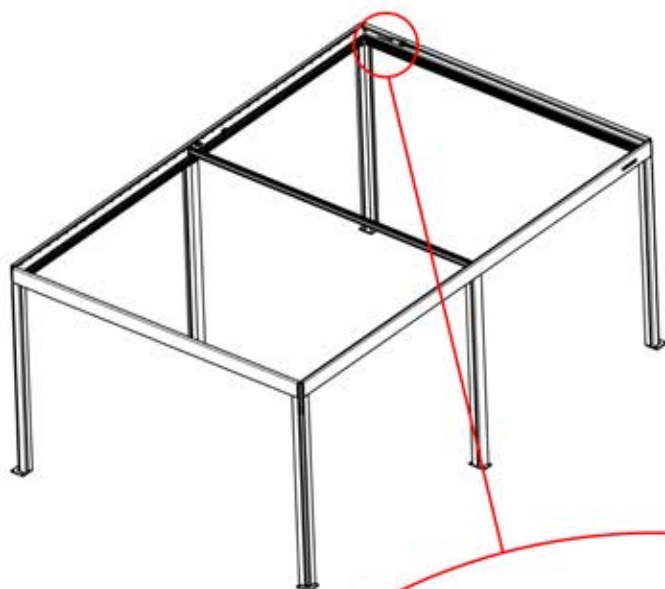
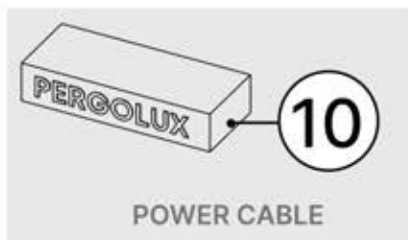
# 28



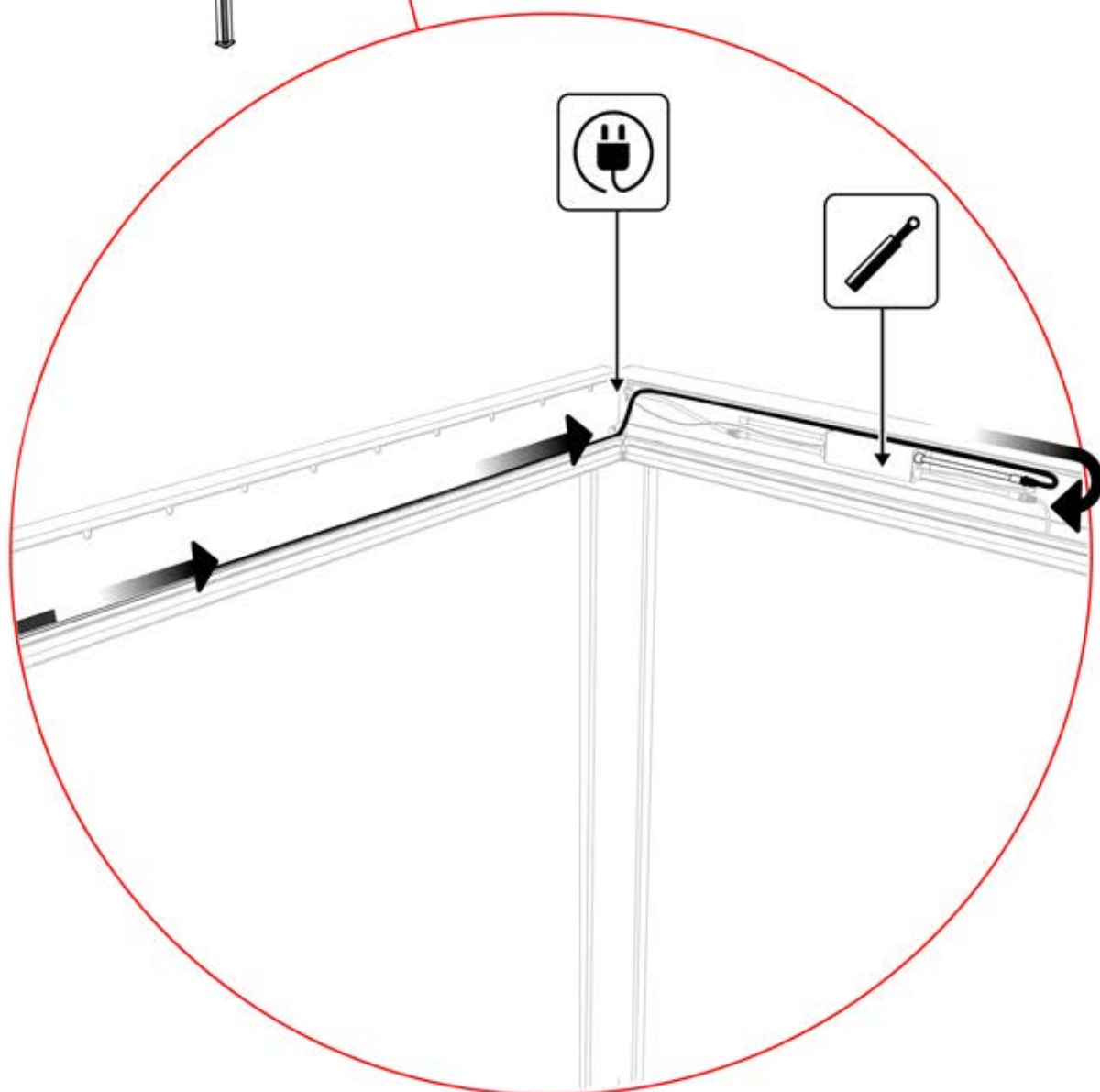
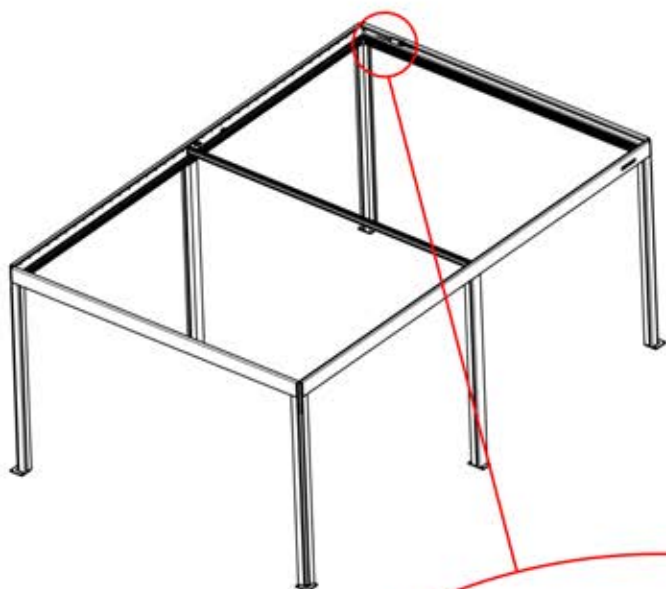
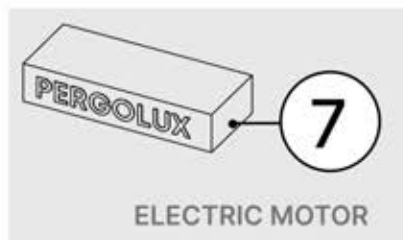
**!**  
Power Cable can be  
routed through all  
the Poles.



# 29



# 30

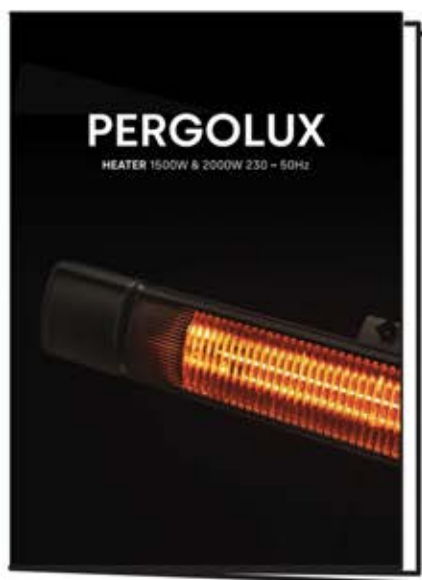


# 31

1

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

Follow the instructions in the heater assembly manual.



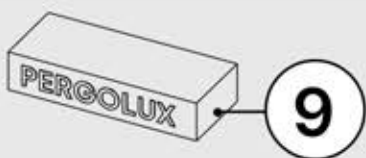
2

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

Follow the instruction in the assembly manual.



# 32



CONTROL BOX

!

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

S4

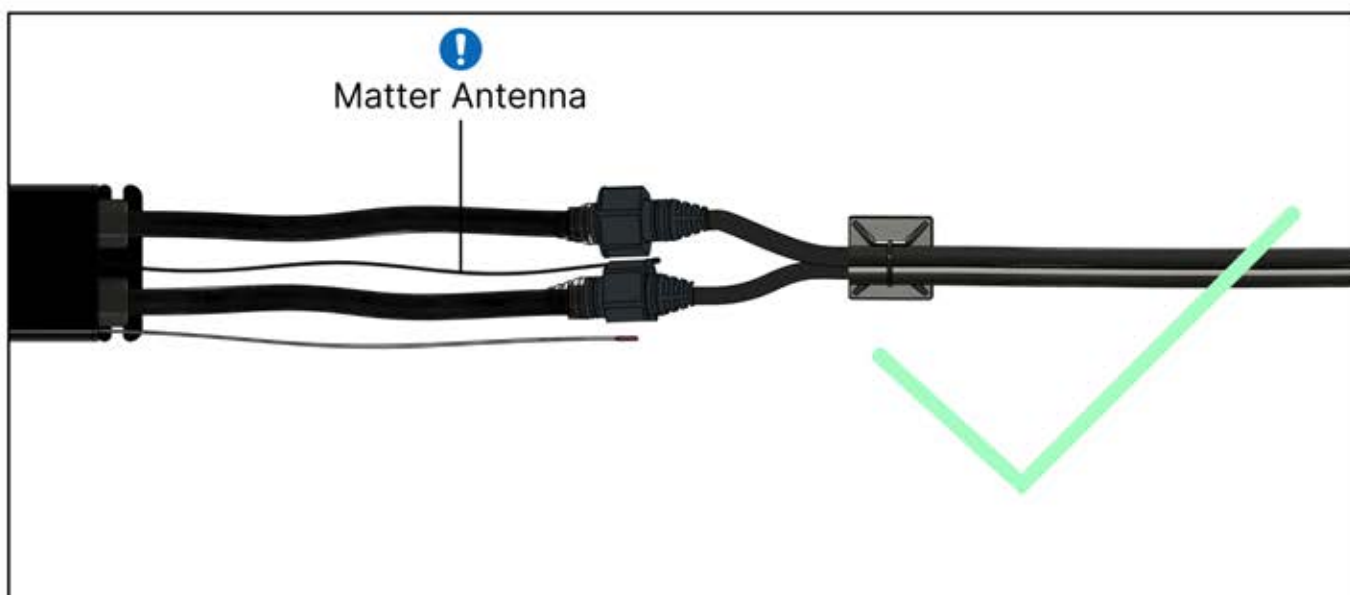
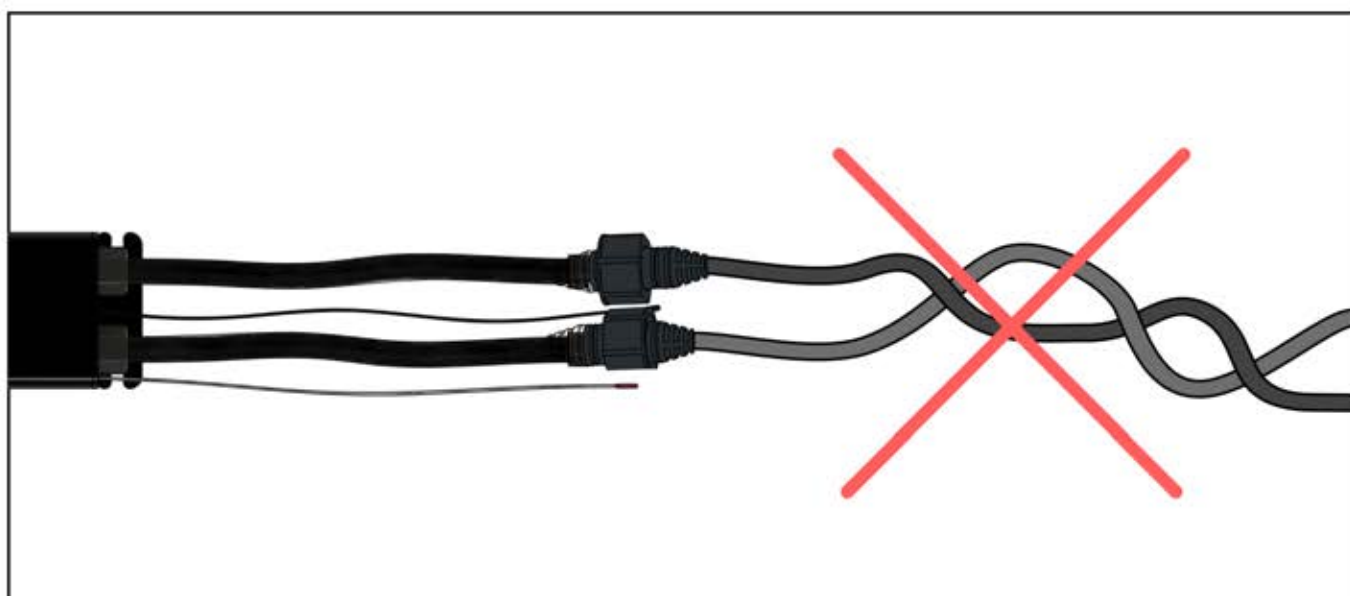


PN-200002683

5x

PN-200002684

10x



# 33



4

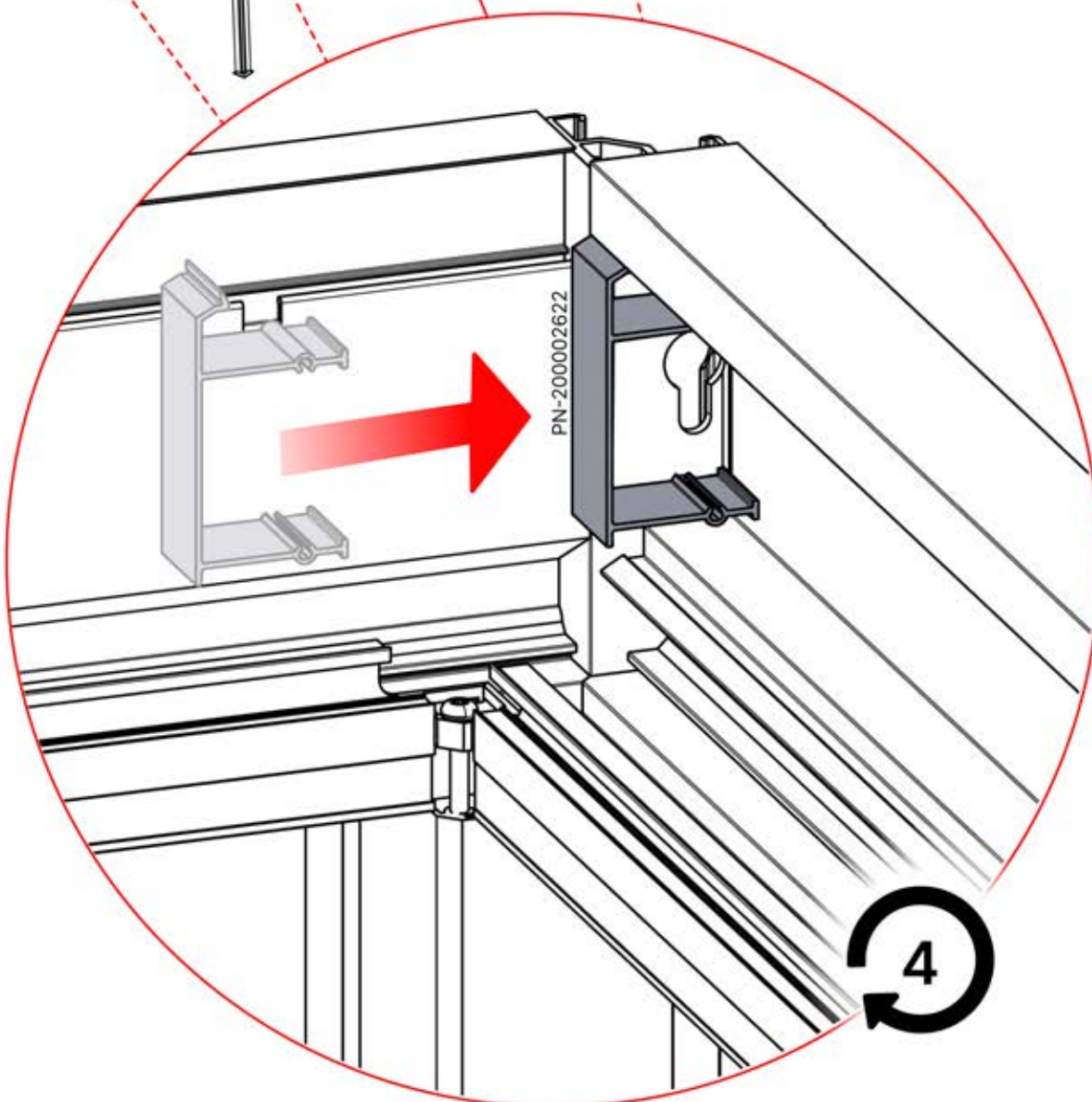
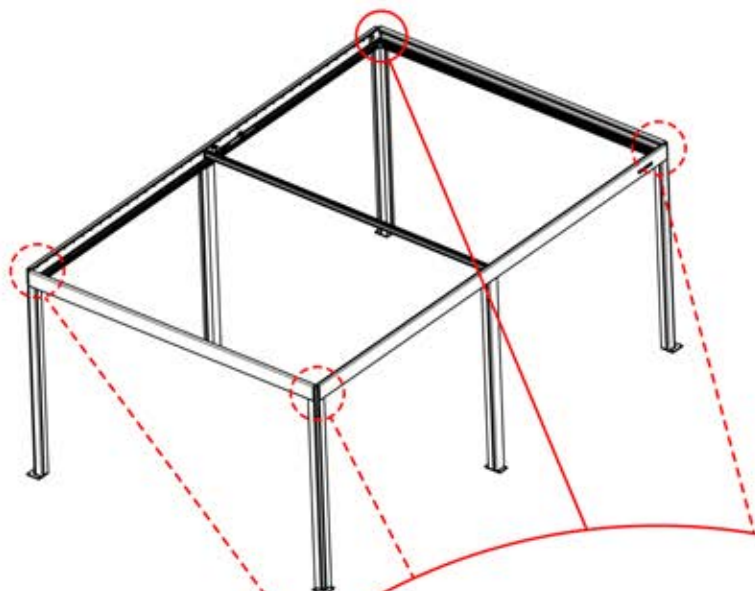
ANTHRACITE: B235  
WHITE: B243  
BLACK: B239



PN-200002622

4x

PN-20000  
**3281**



# 34

**x7**  
PERGOLUX

**4**

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239

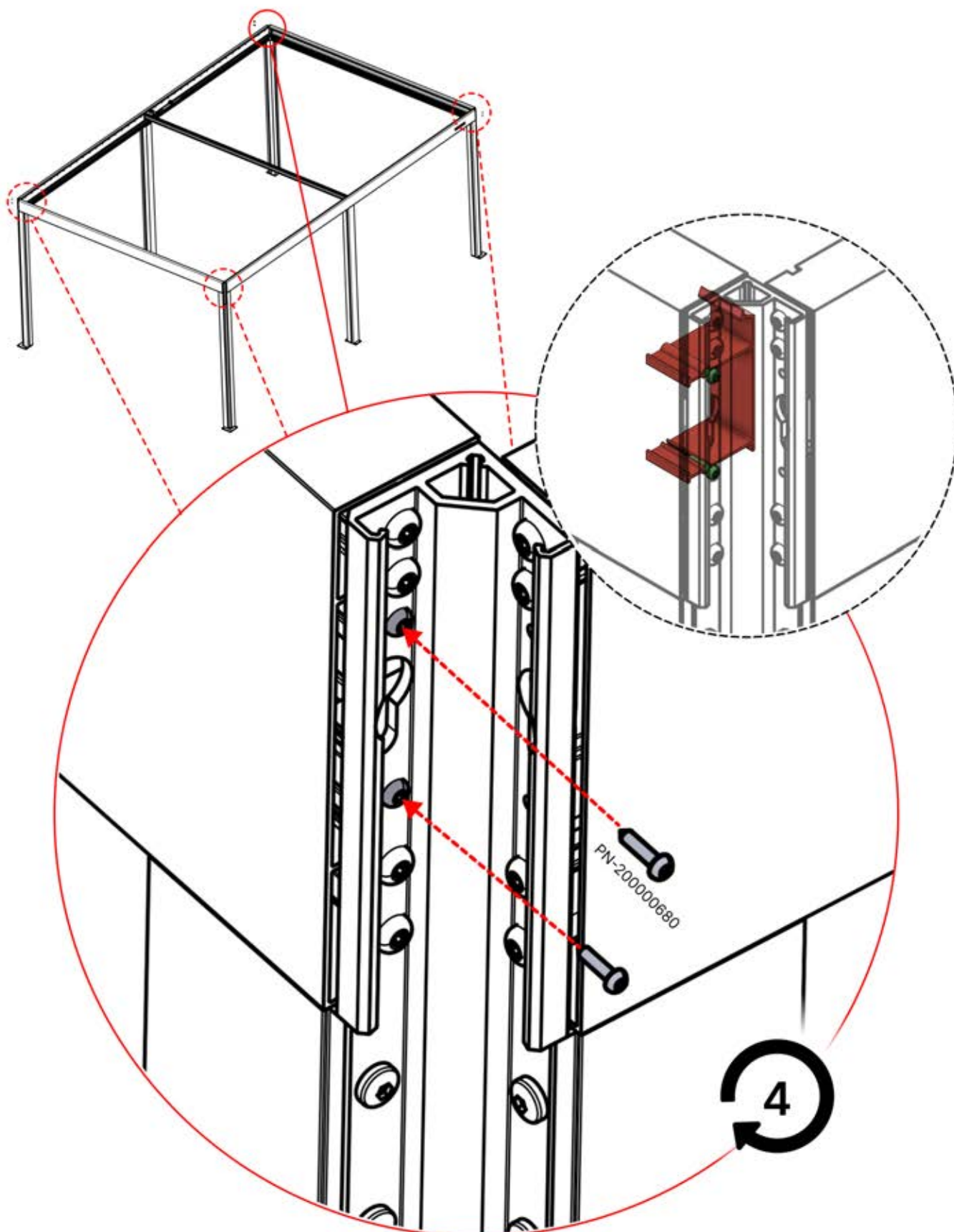
4.2X20

PN-200000680

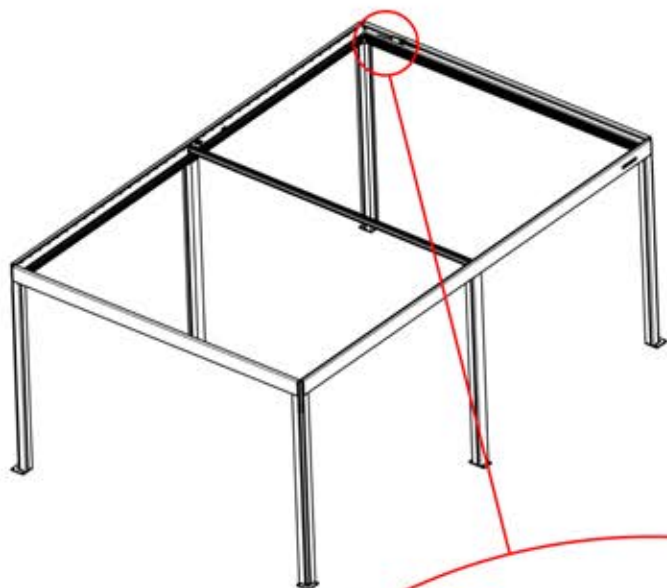
**8x**

PN-20000  
**3281**

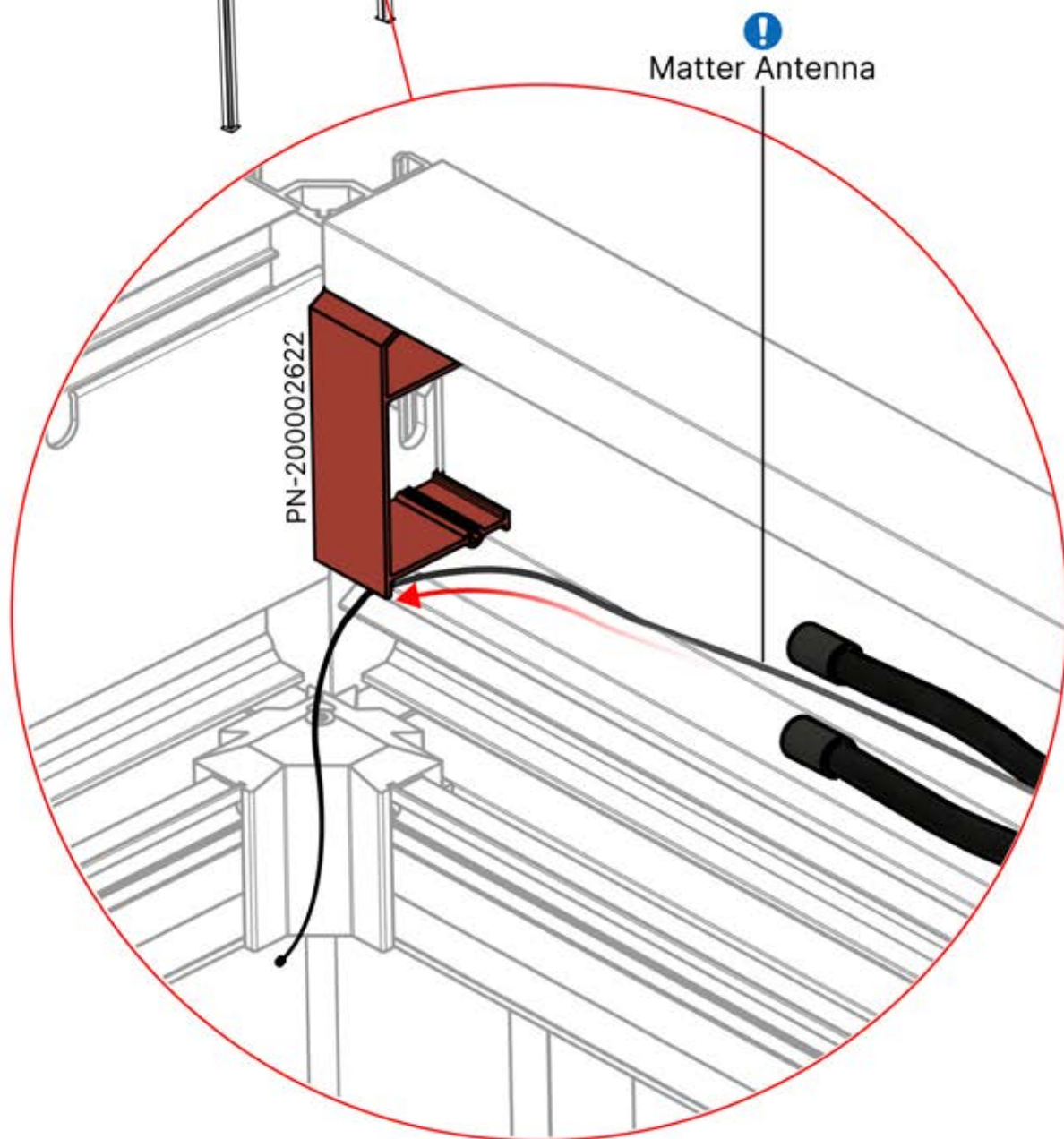
Zip Bag



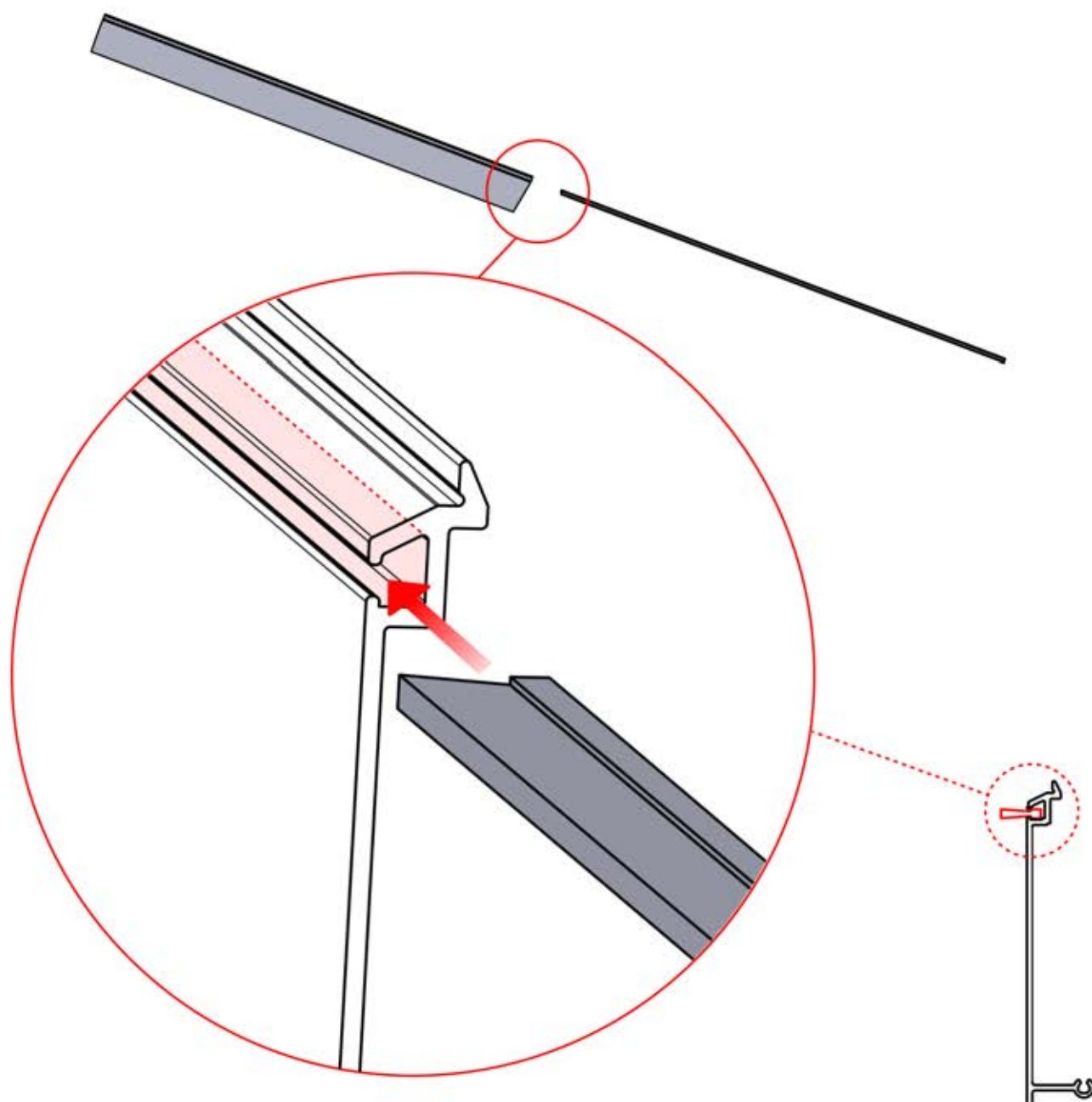
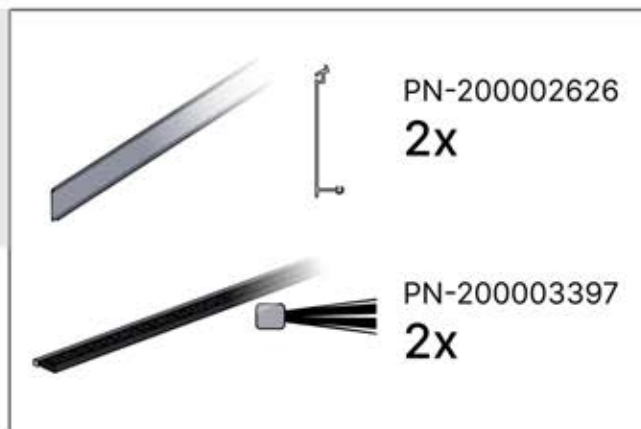
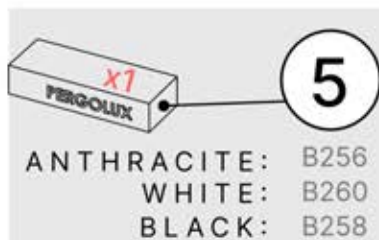
# 35



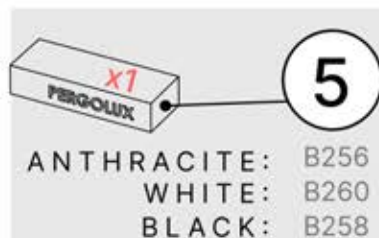
  
Route the Matter  
Antenna and place it  
below the highlighted  
part(PN-200002622).



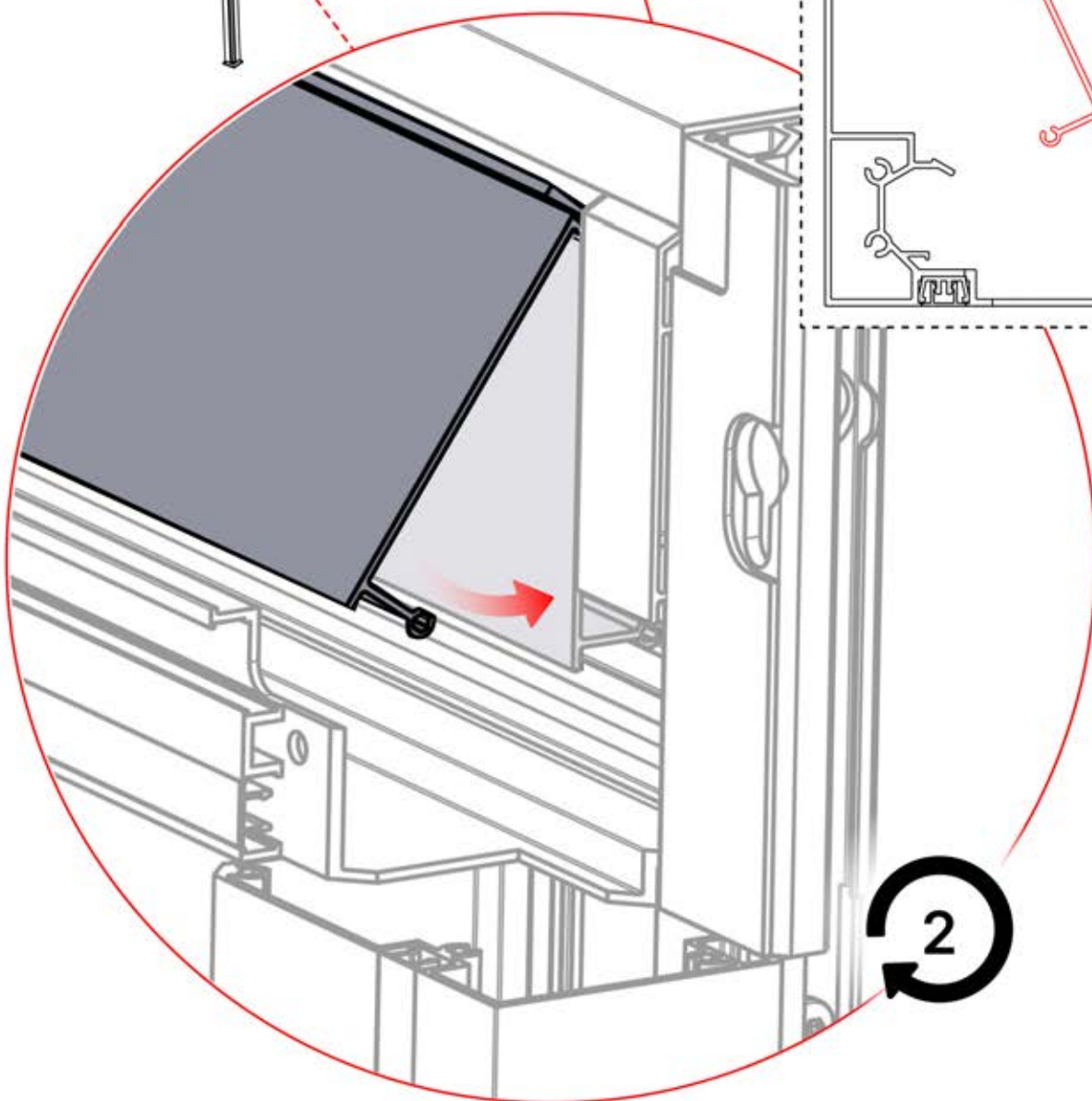
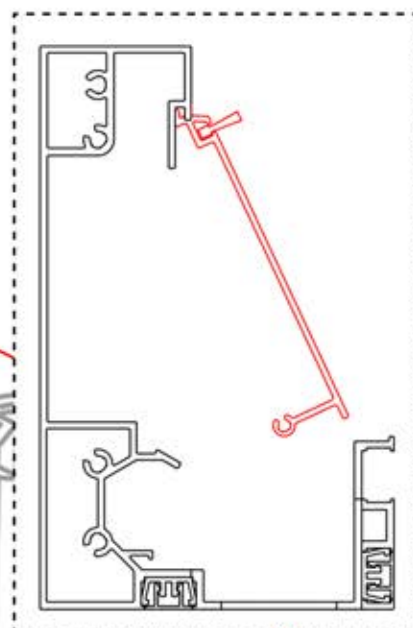
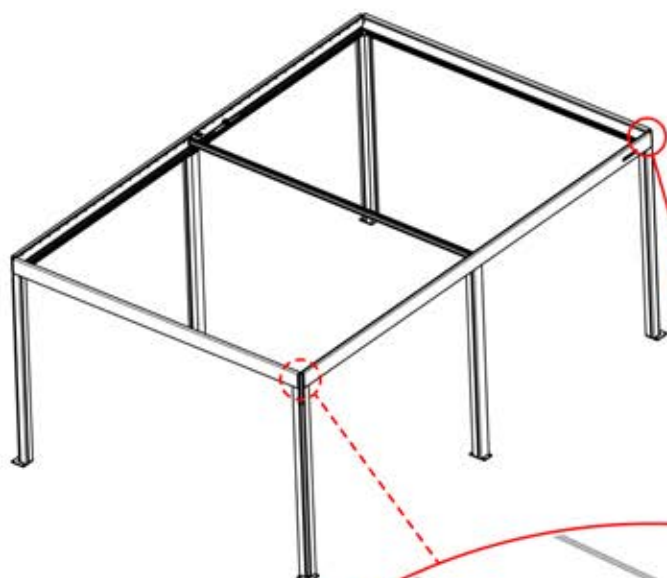
# 36



# 37

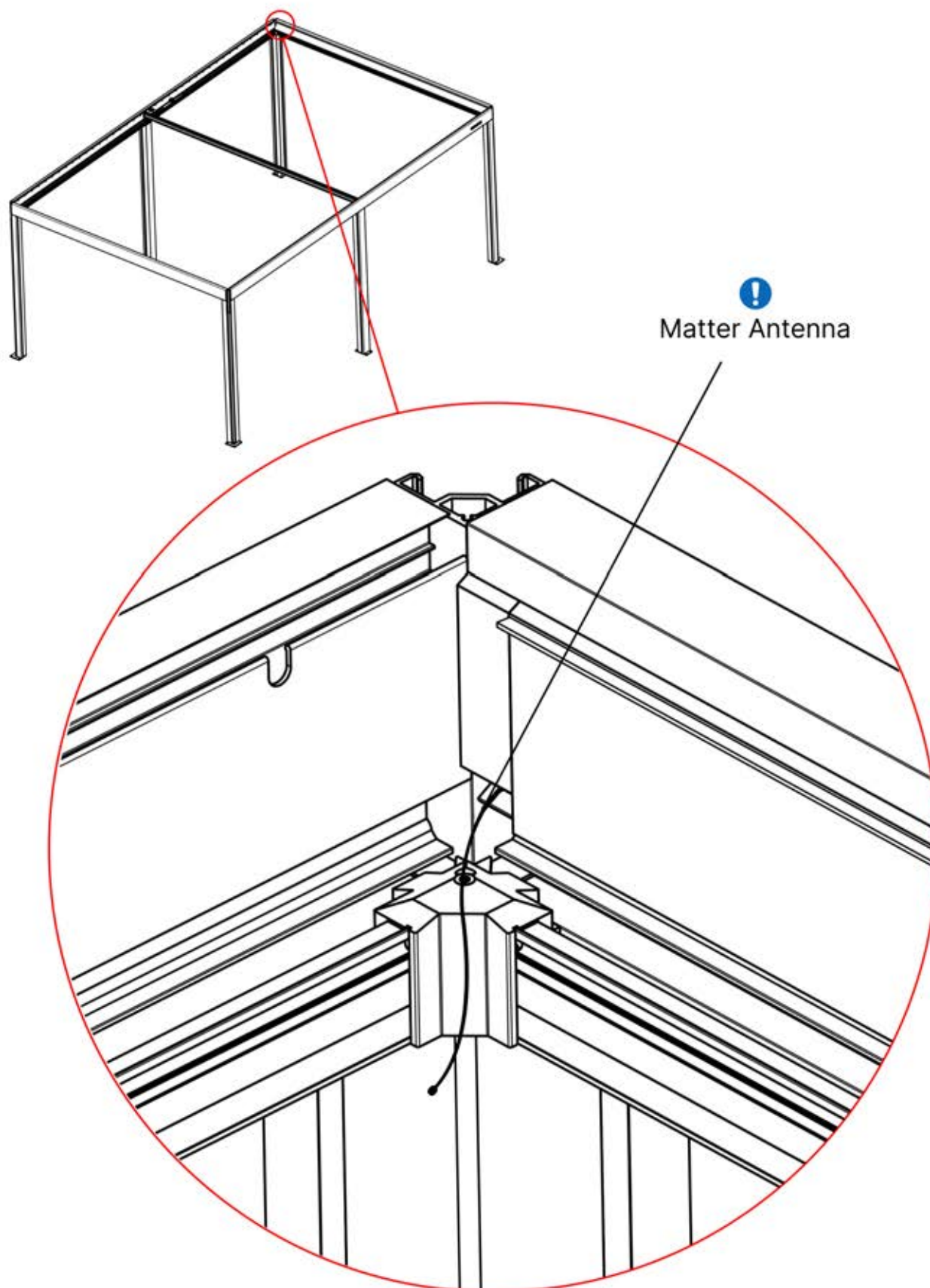


ANTHRACITE: B256  
WHITE: B260  
BLACK: B258



# INFORMATION

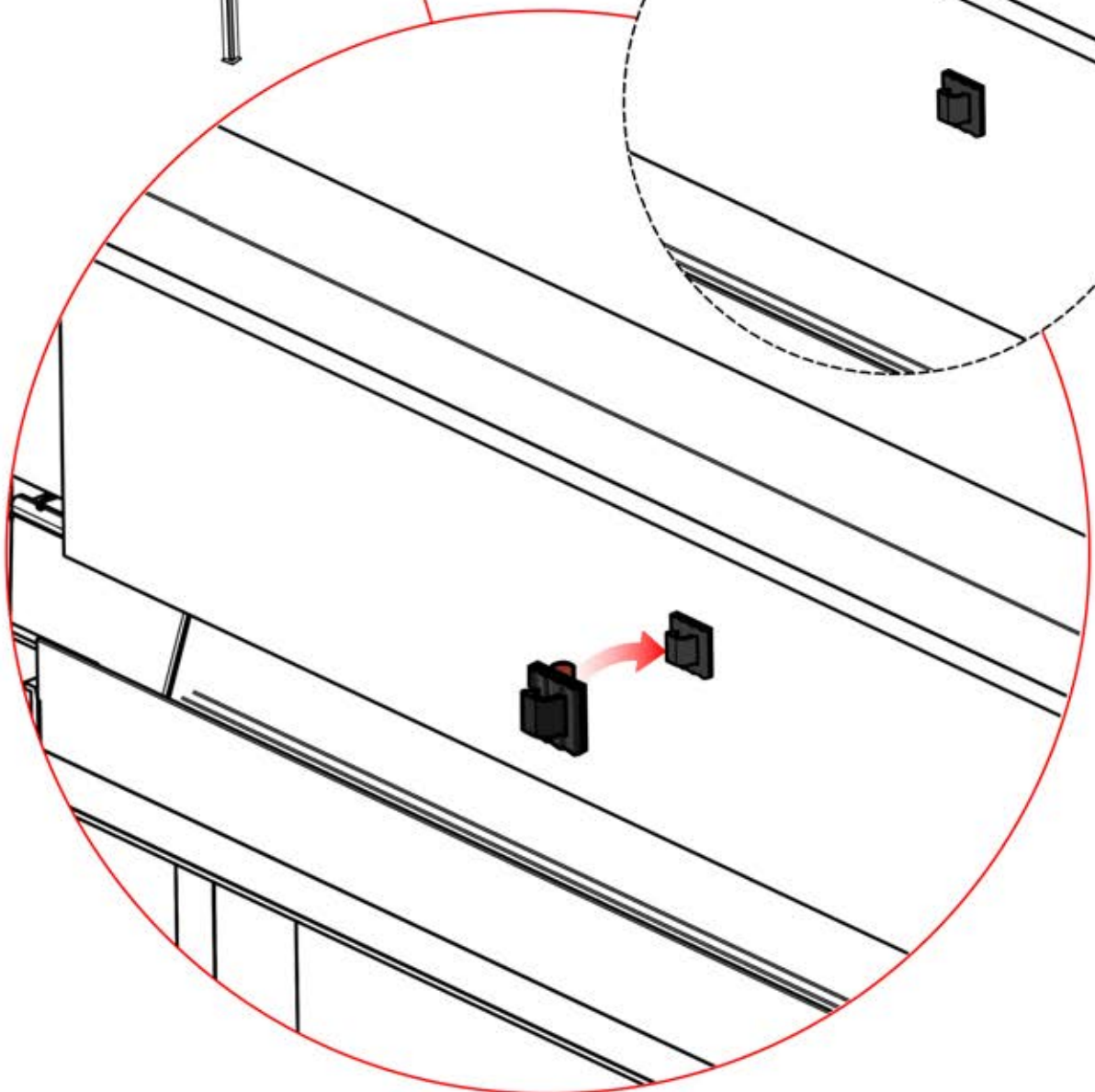
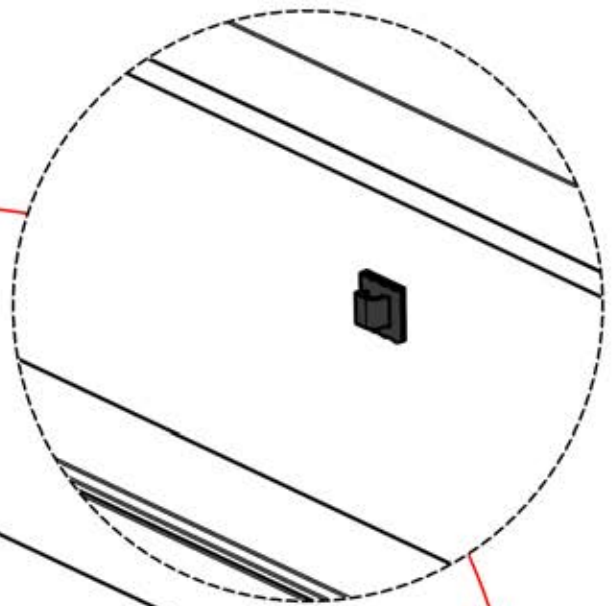
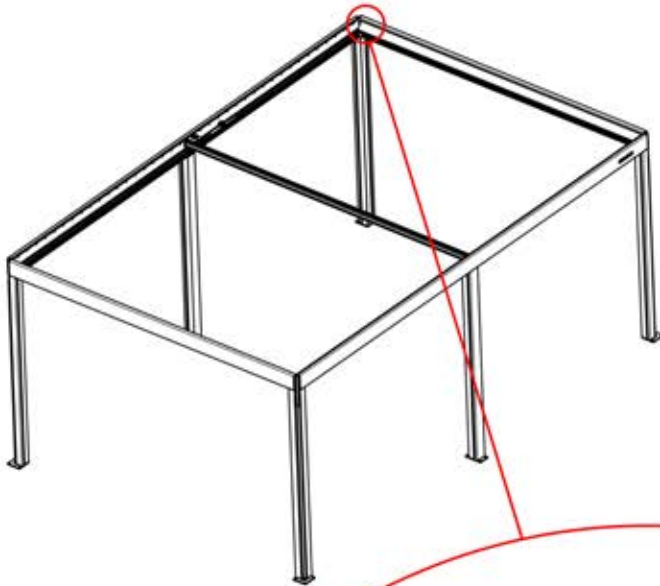
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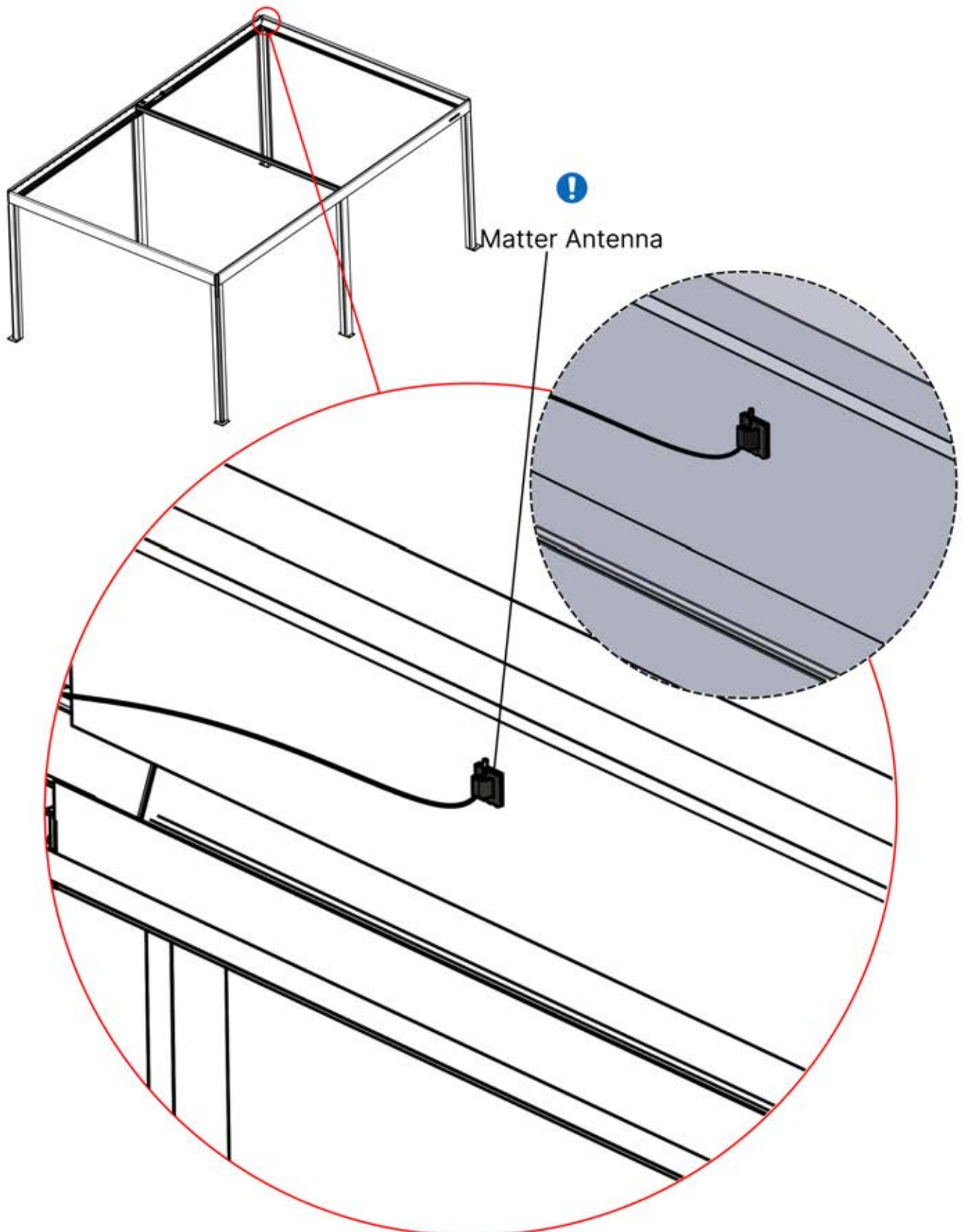
# 38



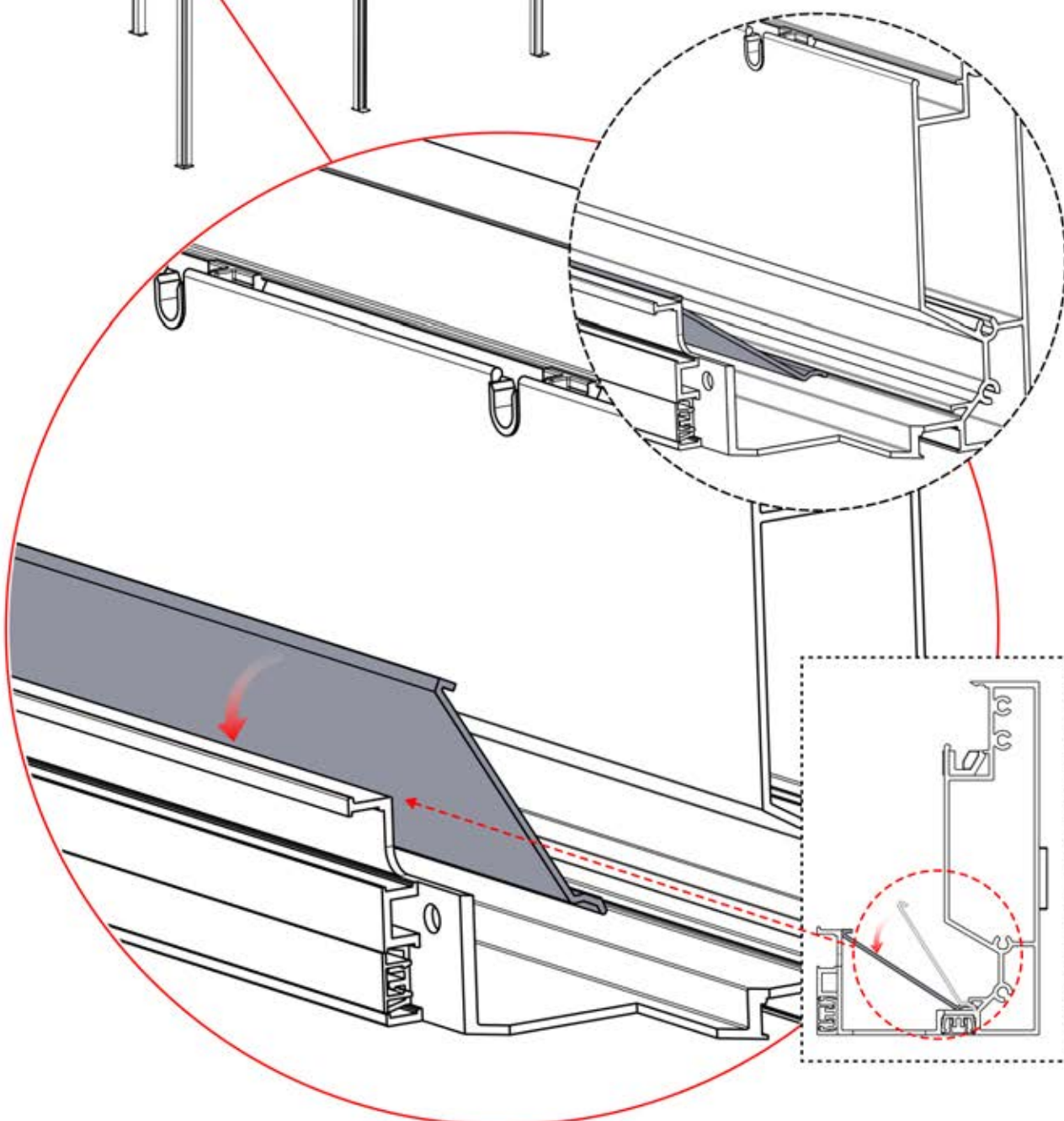
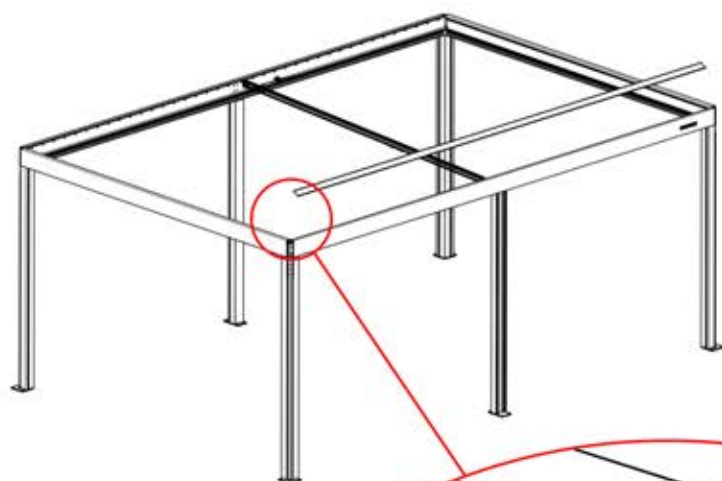
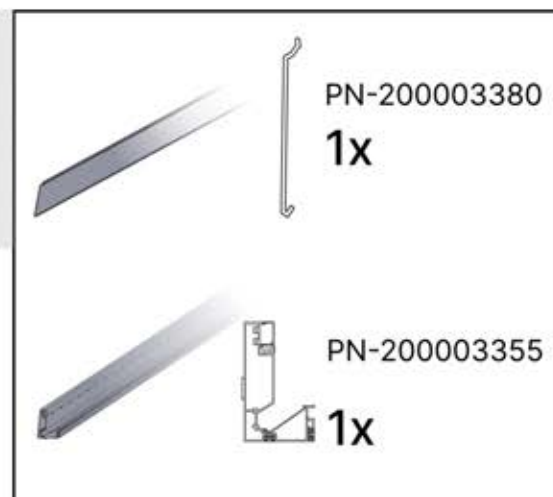
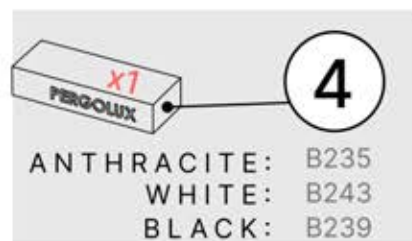
Matter  
Antenna Clip  
1x



# 39



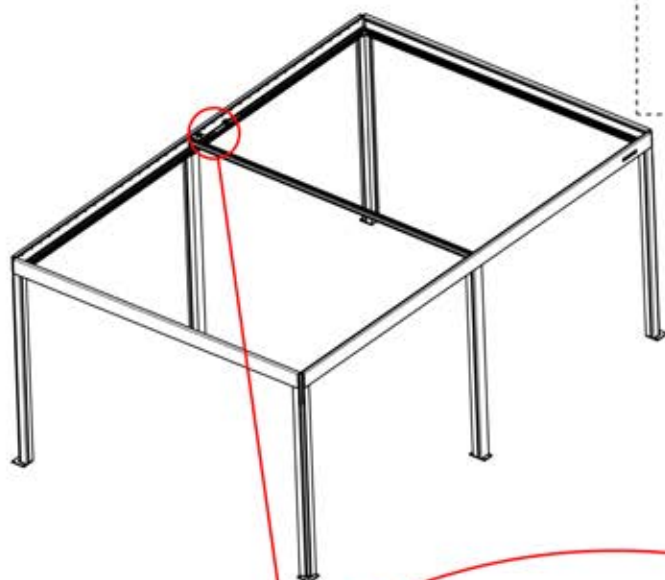
# 40



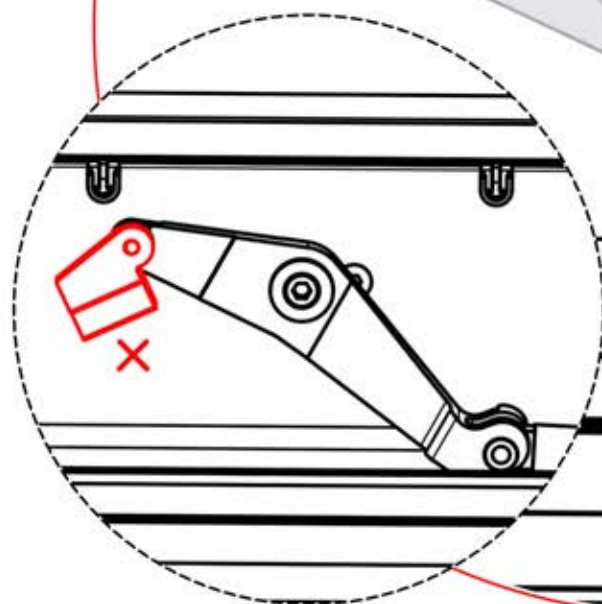
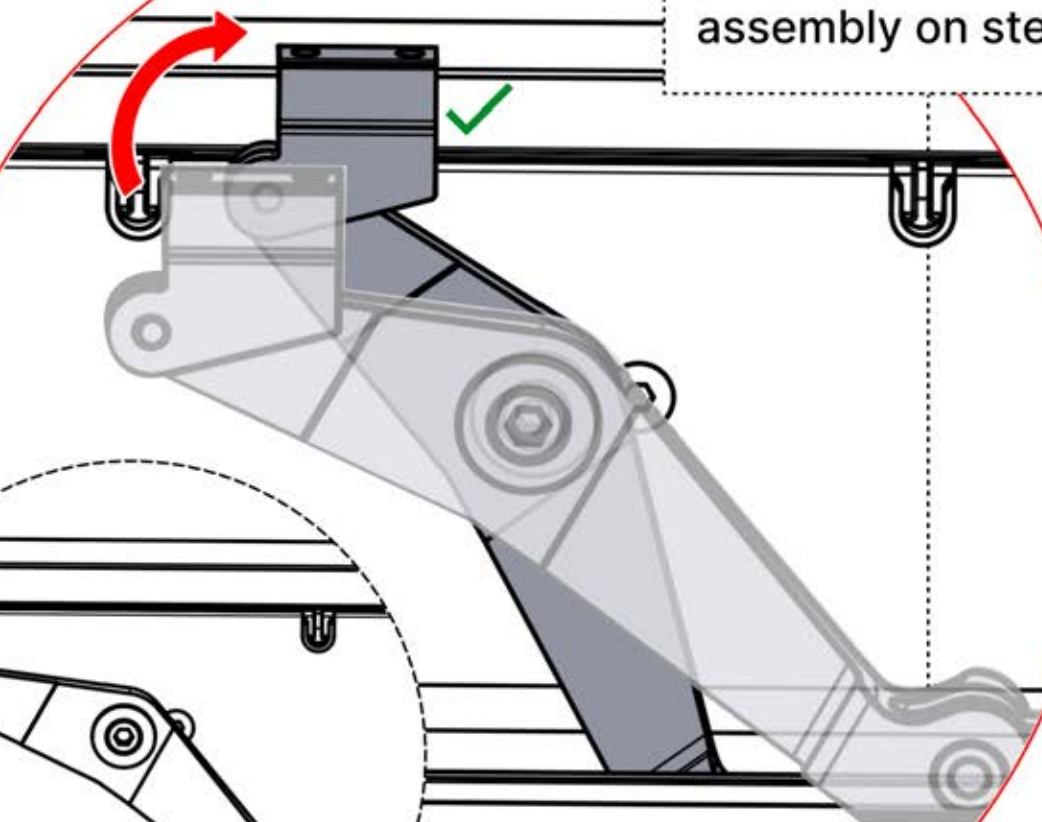
# 41



Remote  
Controller



Adjust motor to  
prepare for  
assembly on step 42



# 42



4

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239



PN-200002866

1x

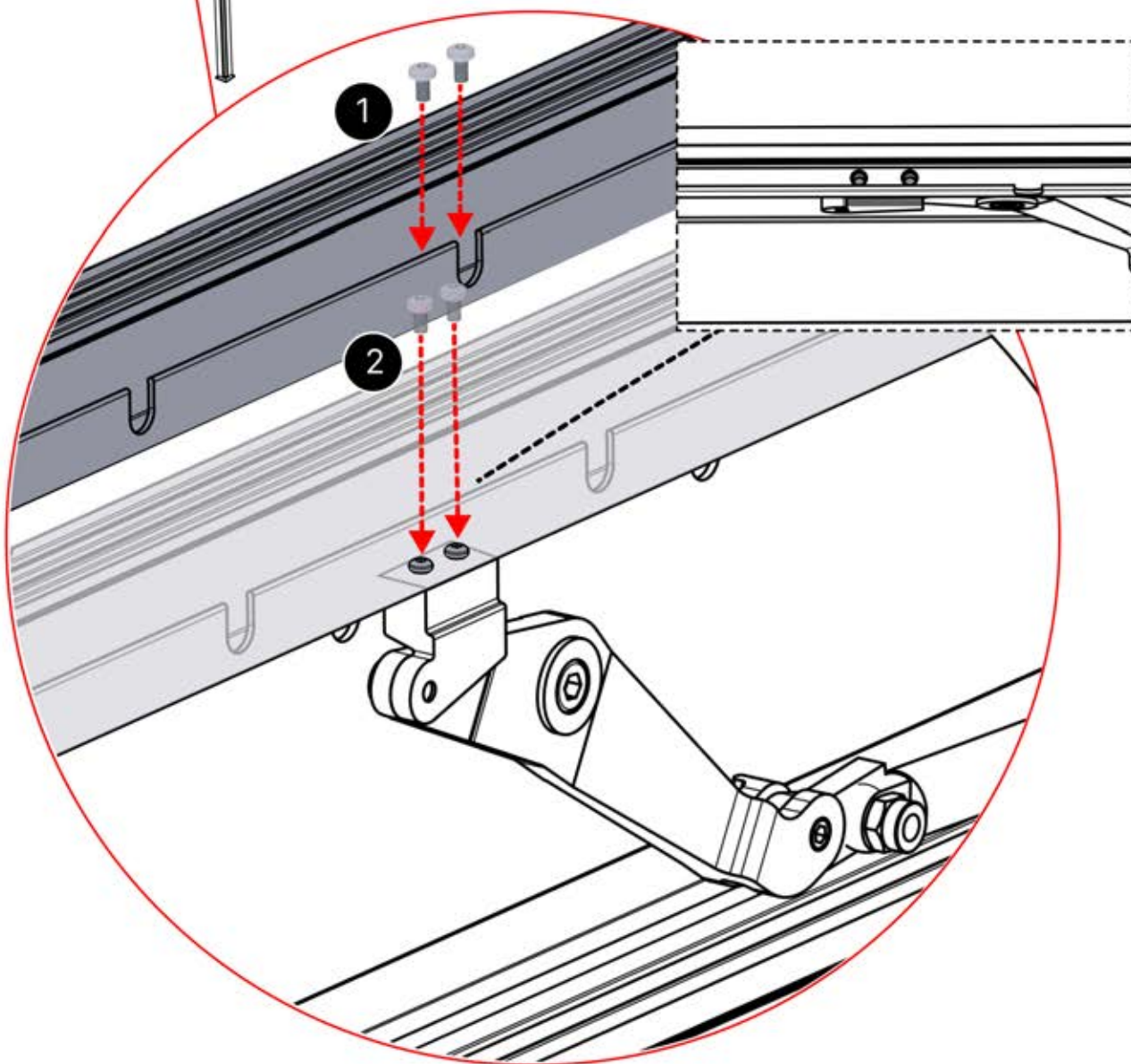
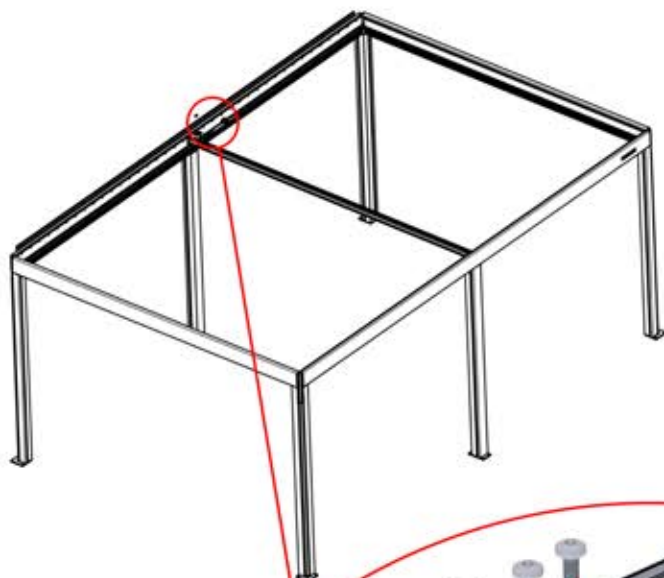


PN-200000826

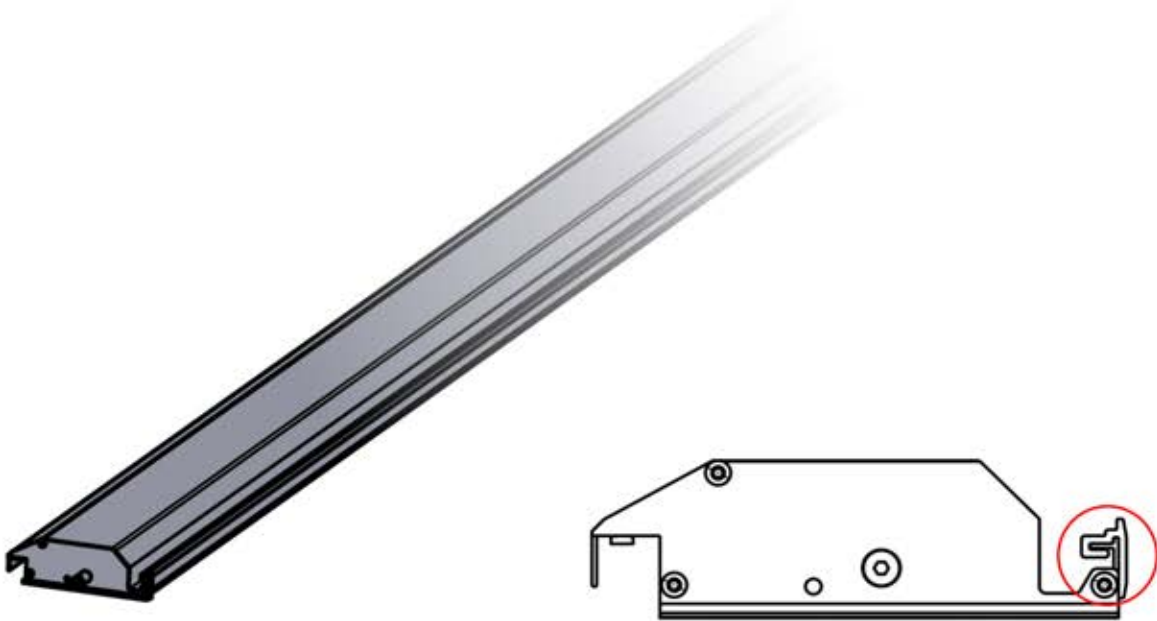
2x

PN-20000  
3320

Zip  
Bag



# ITEMS IN BOX



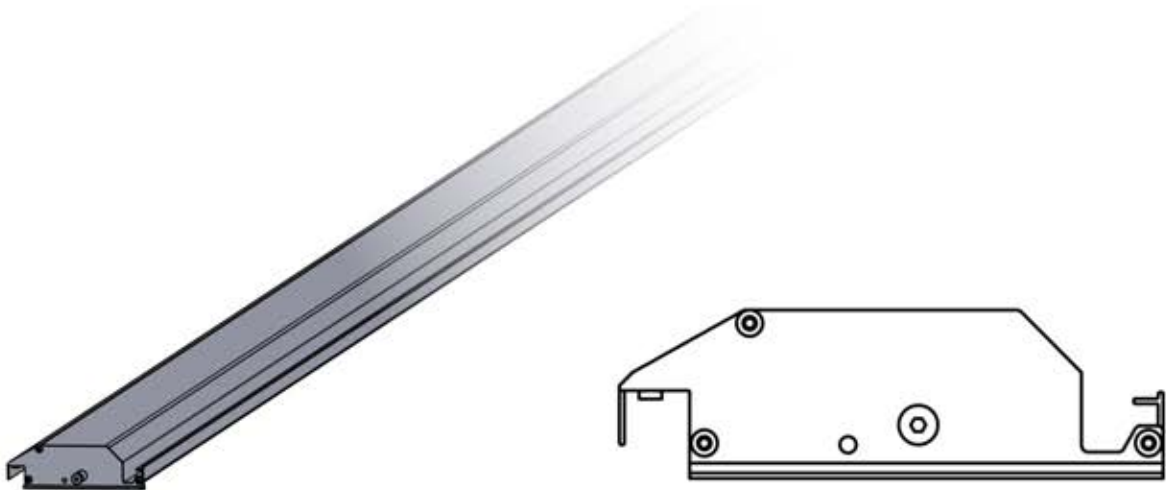


6

ANTHRACITE: B268  
WHITE: B272  
BLACK: B270

PLR 150 G2 PRO LOUVER END FS 4M  
PACKAGE  
PN-200002645

1x



Standard



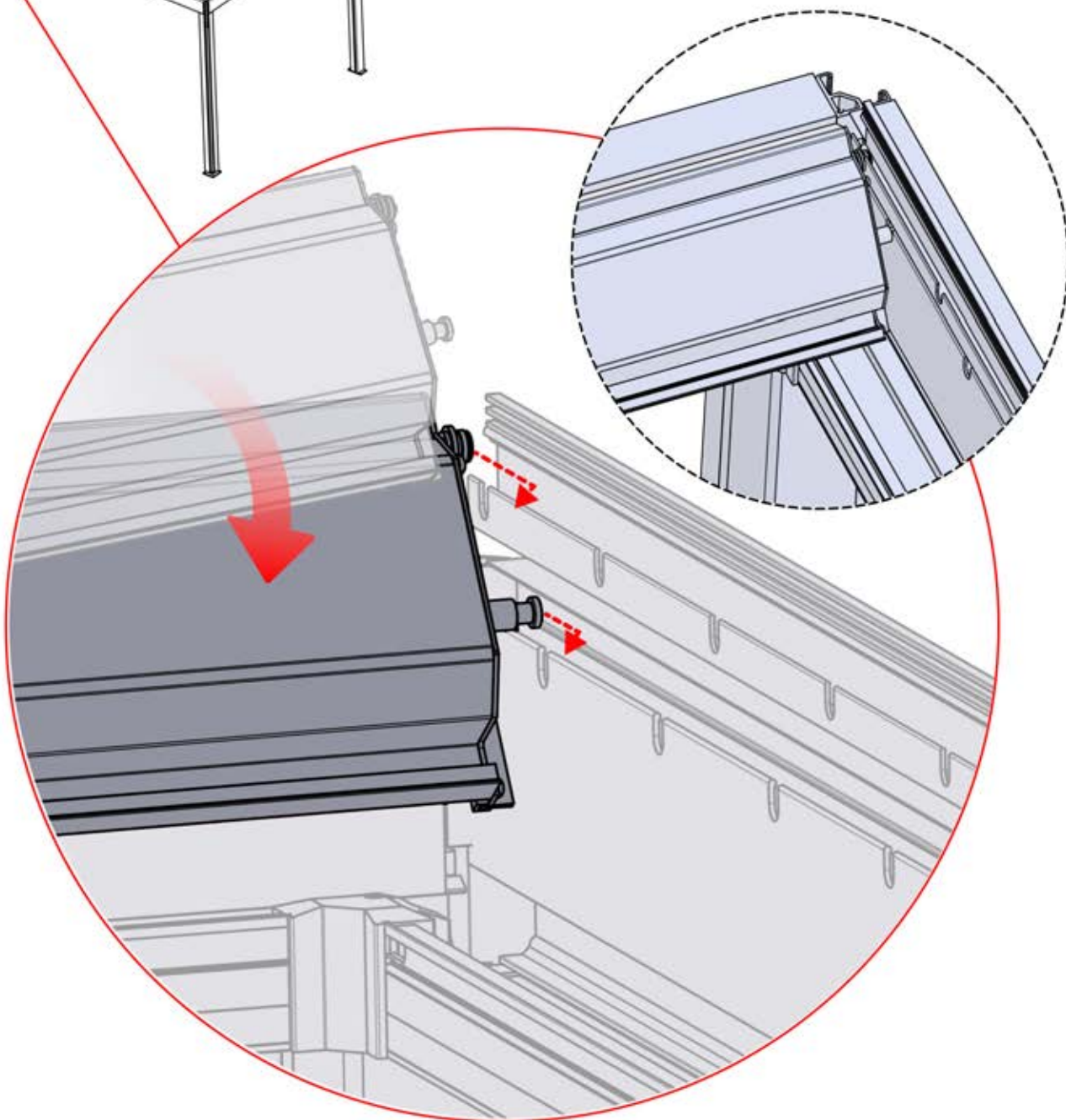
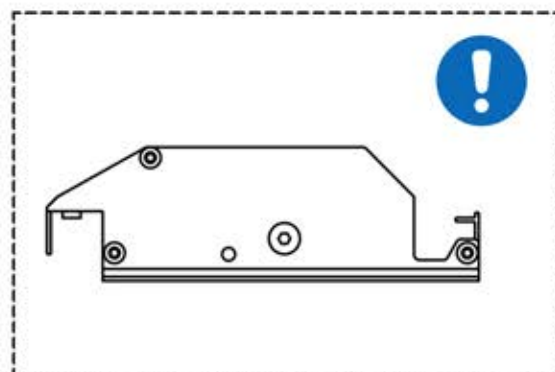
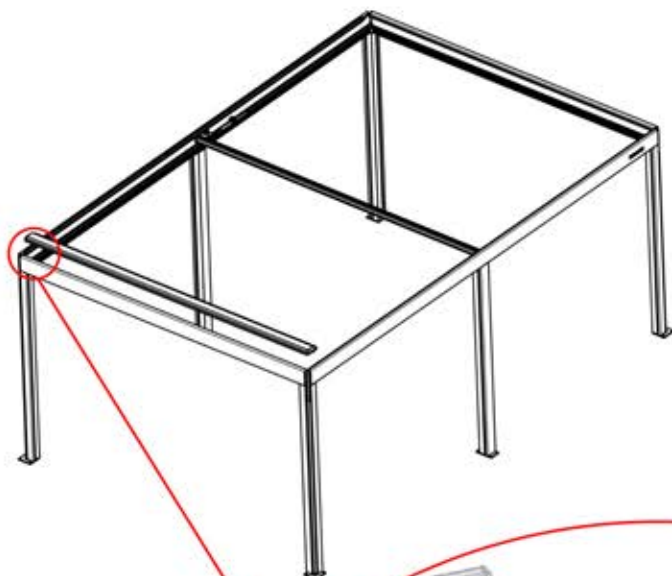
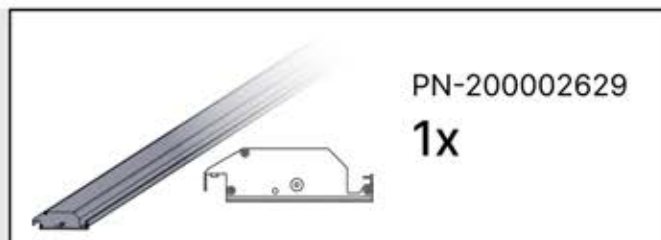
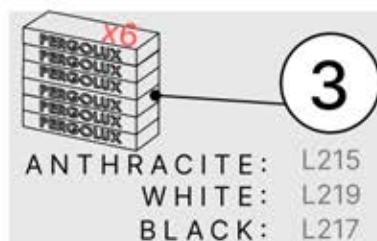
3

ANTHRACITE: L215  
WHITE: L219  
BLACK: L217

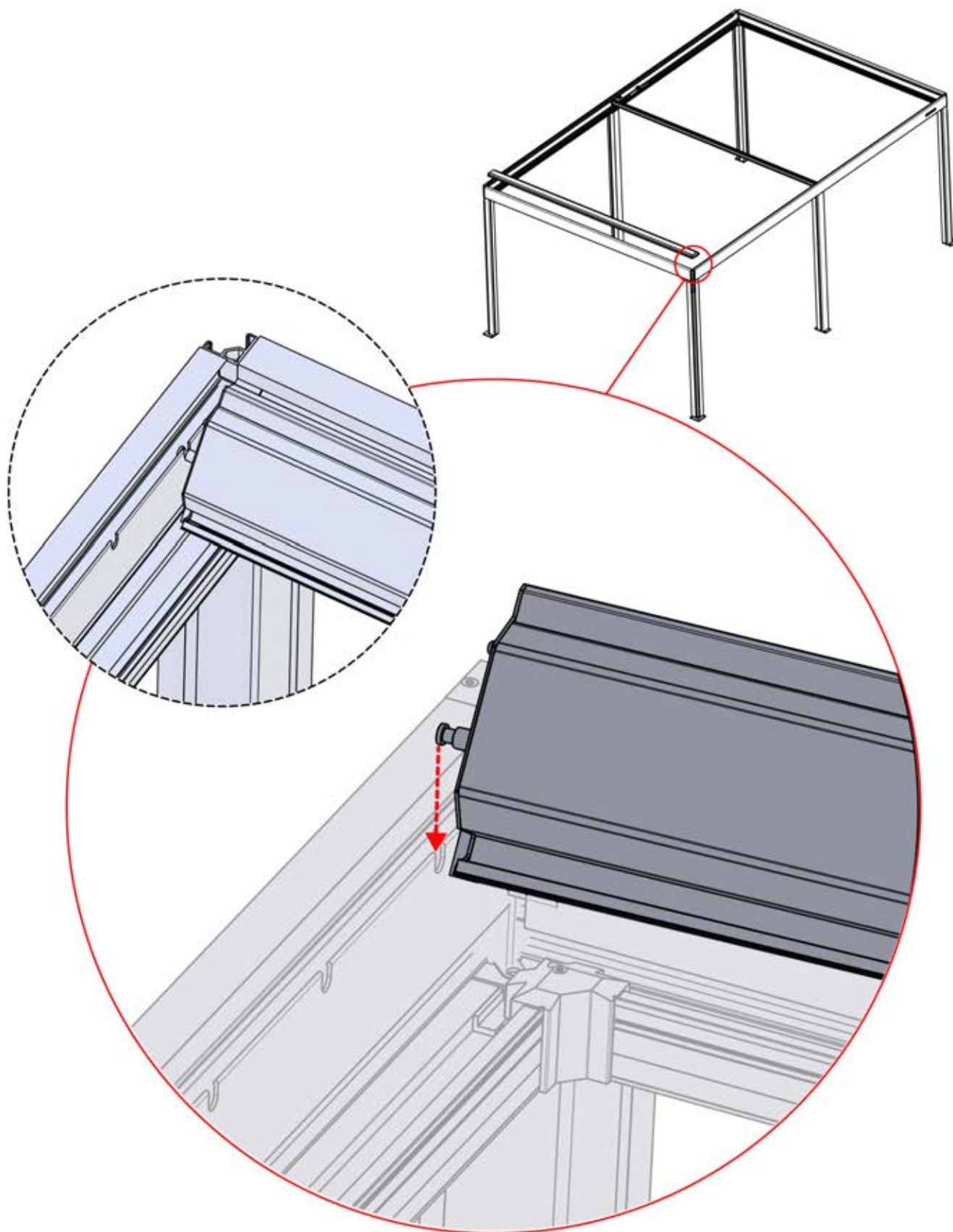
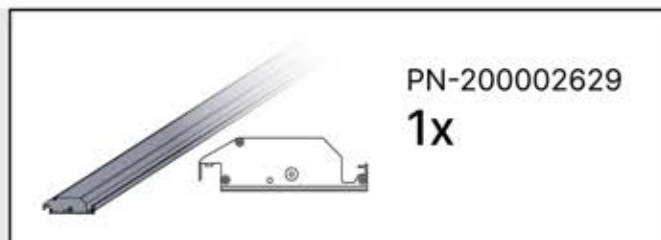
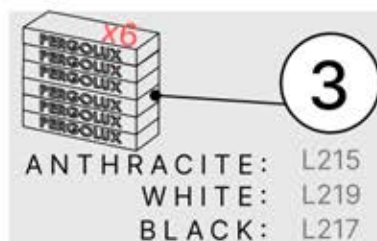
PLR 150 G2 PRO LOUVER STD FS 4M  
PACKAGE  
PN-200002629

37x

# 43



# 44



# 45



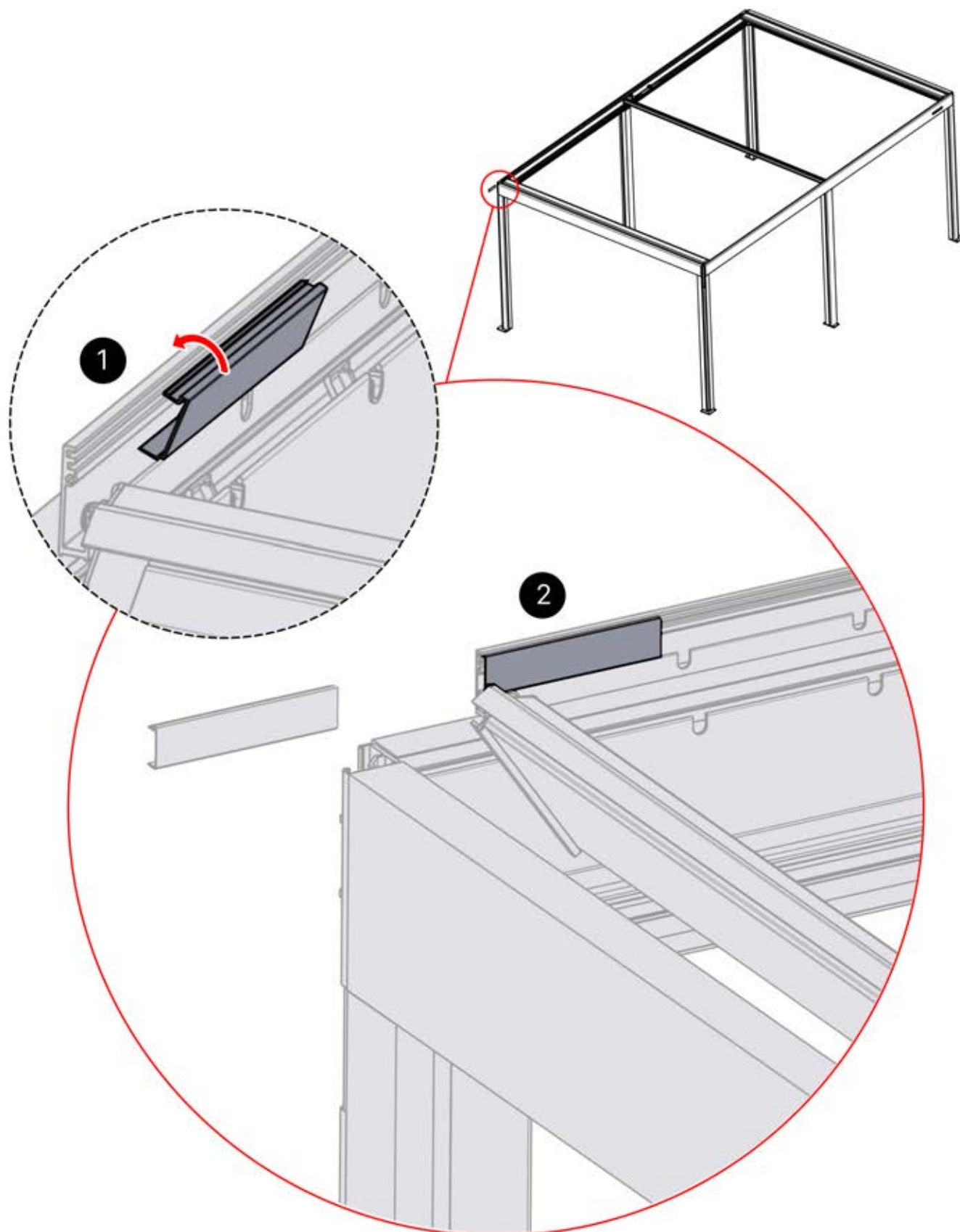
4

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239

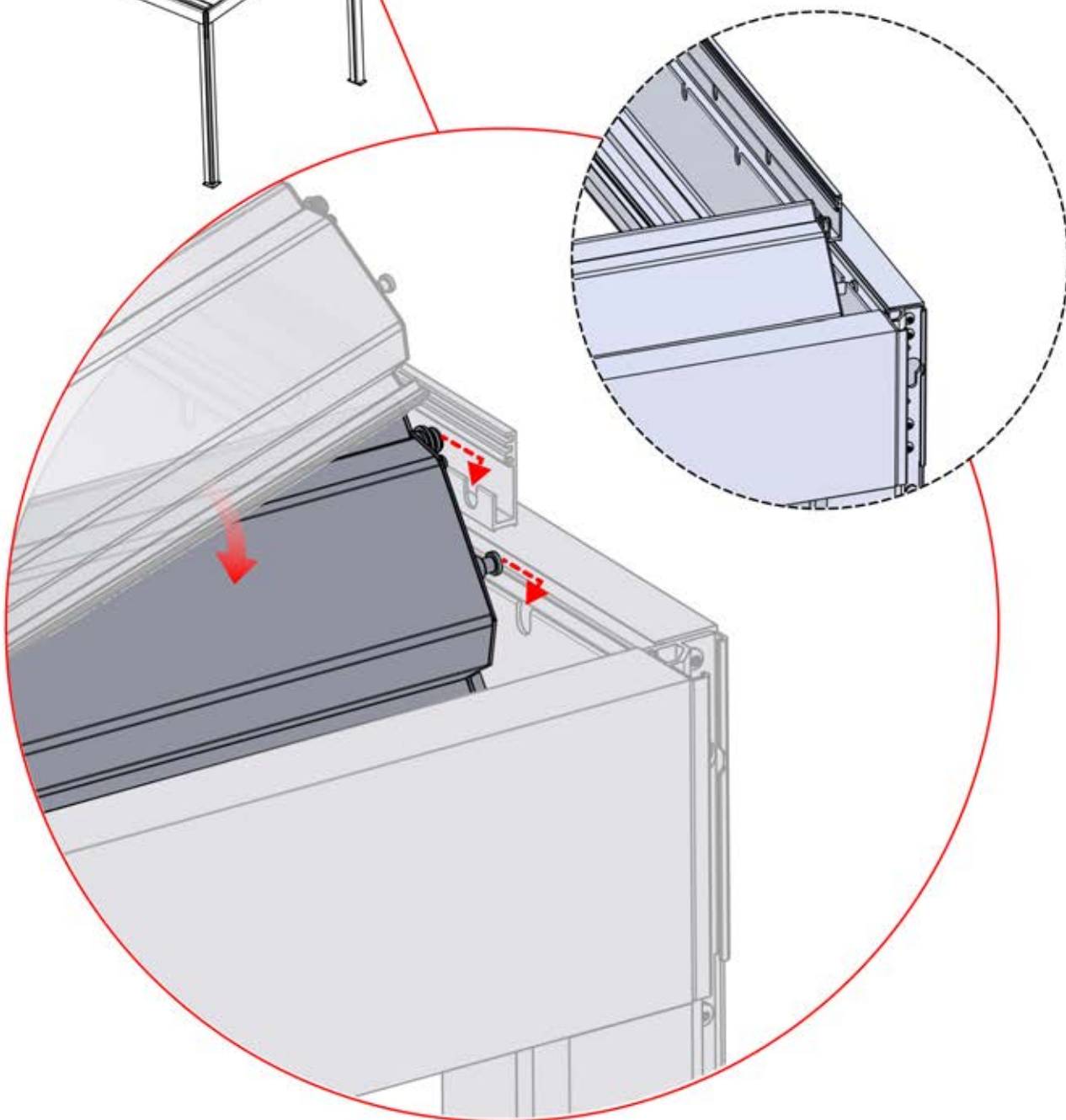
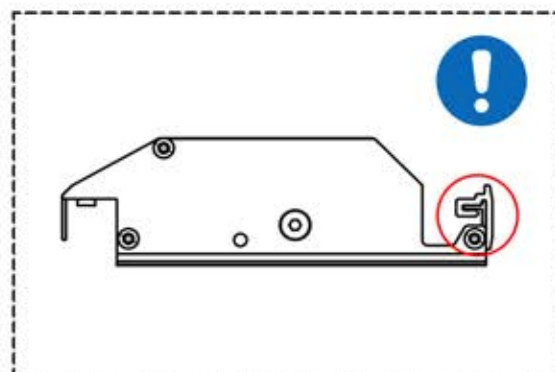
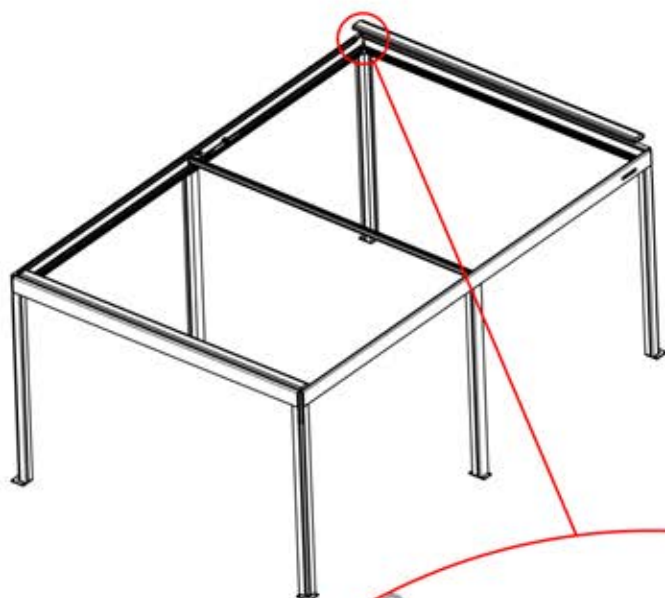
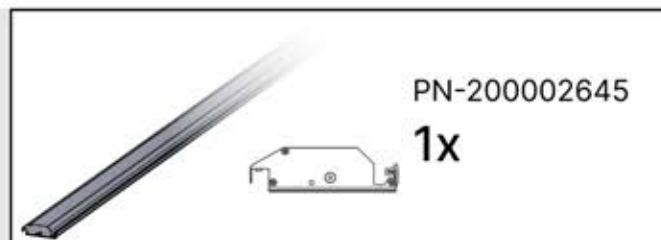
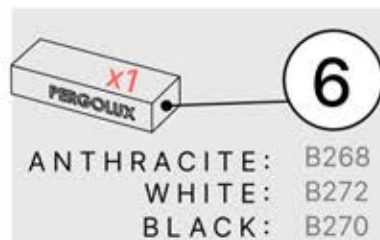


PN-200003033  
1X

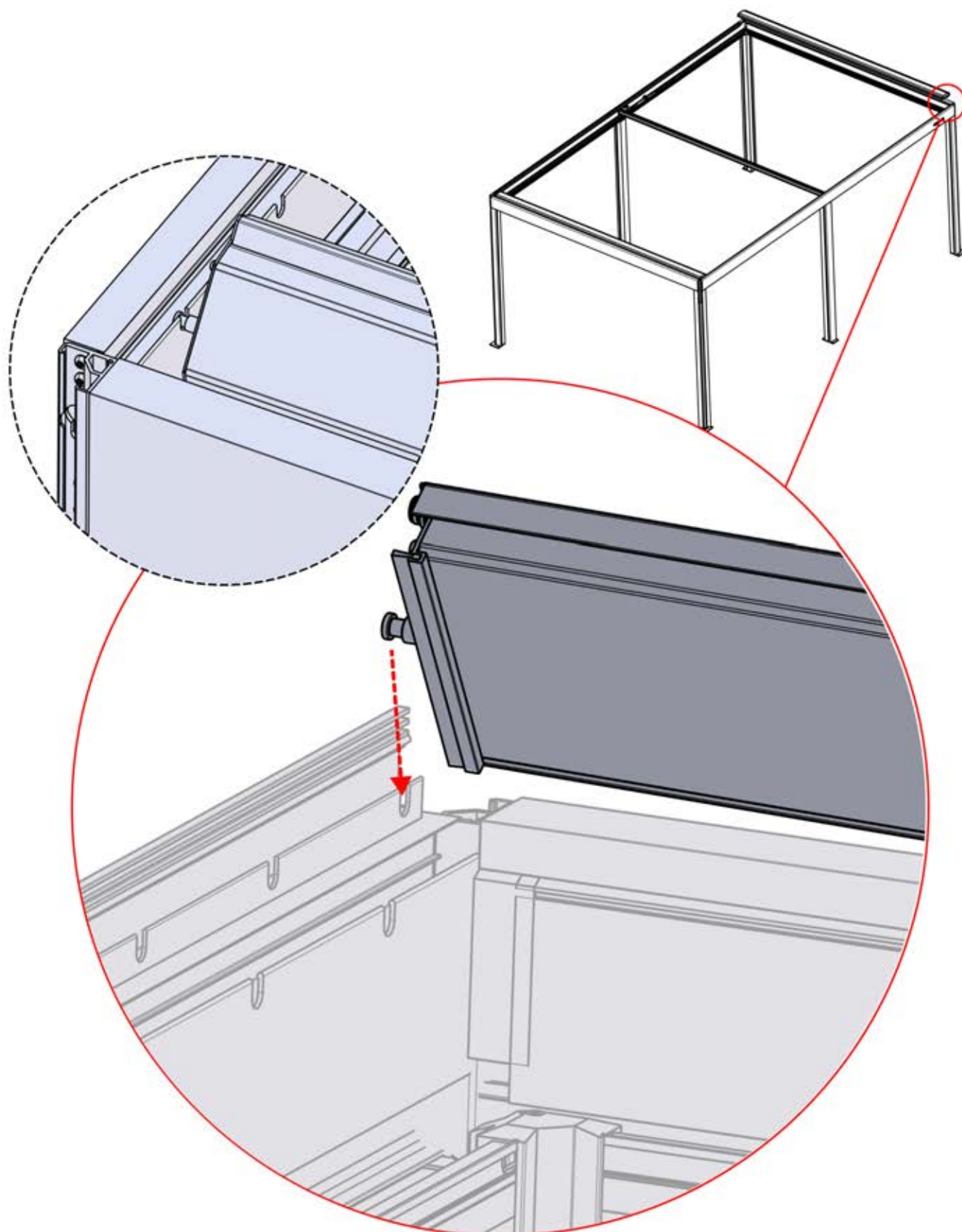
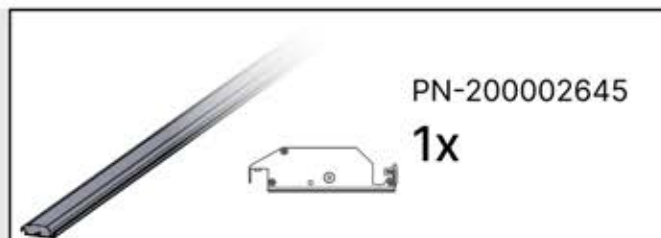
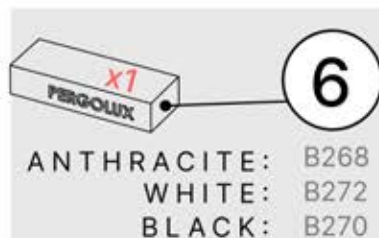
PN-20000  
3278



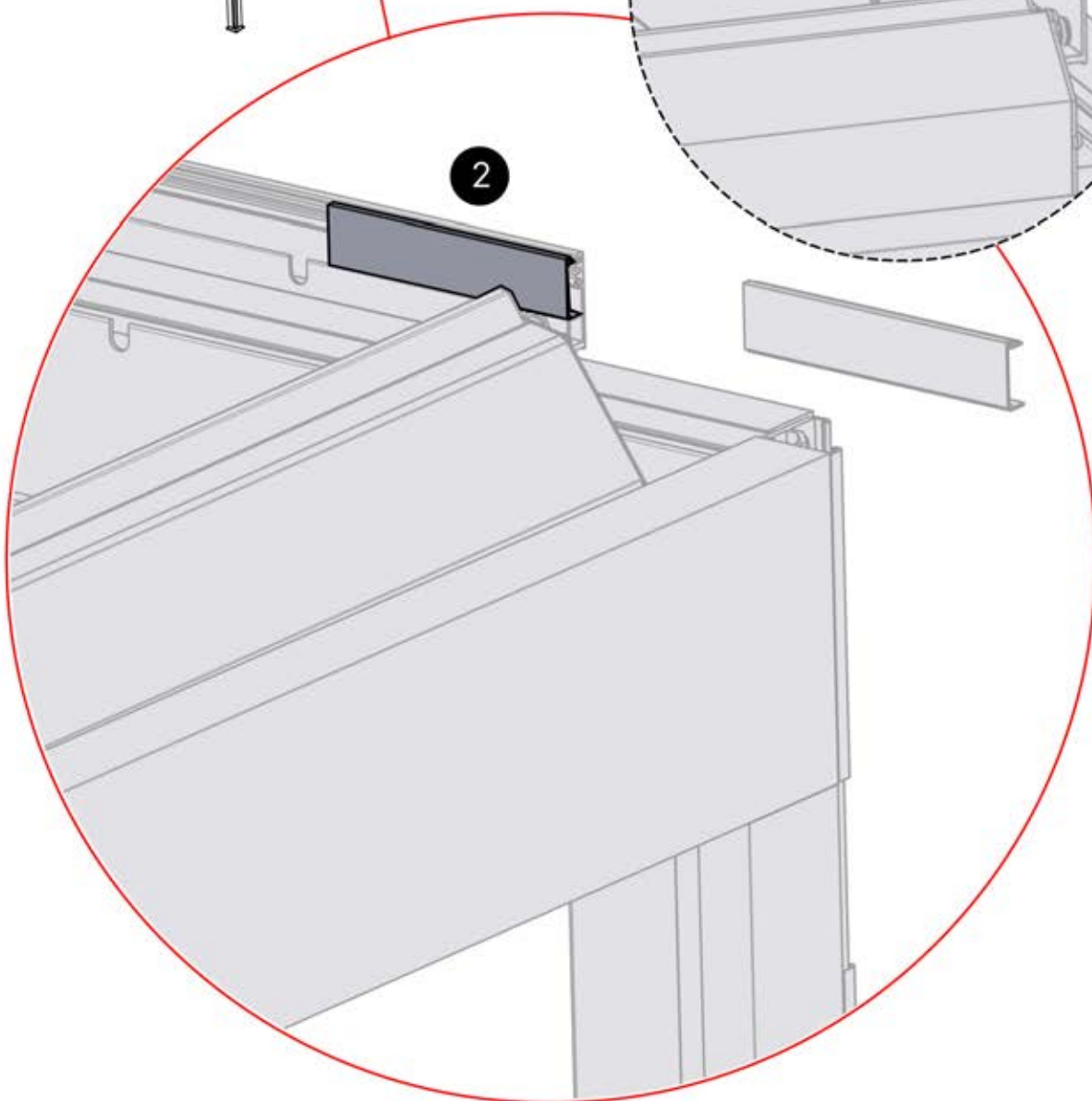
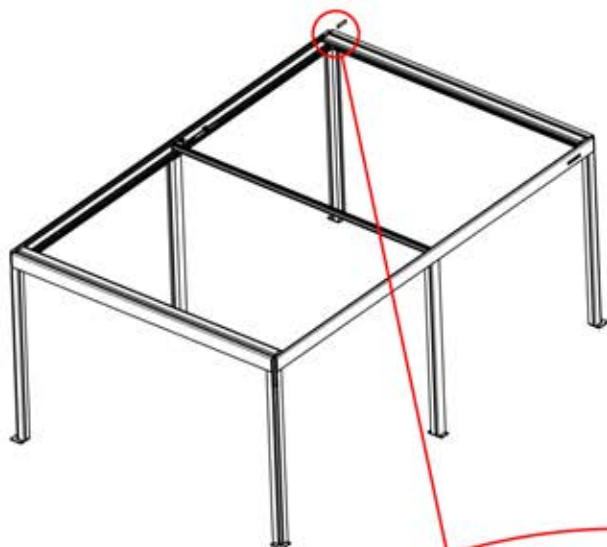
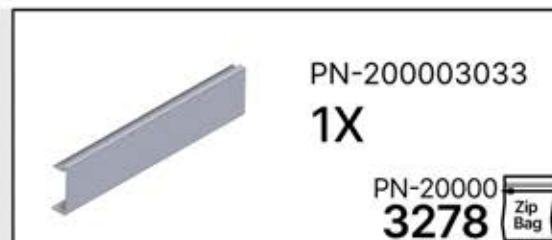
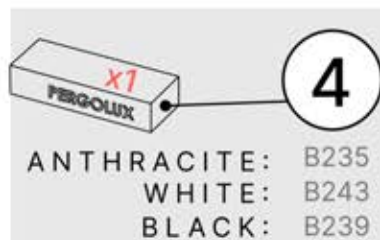
# 46



# 47



# 48



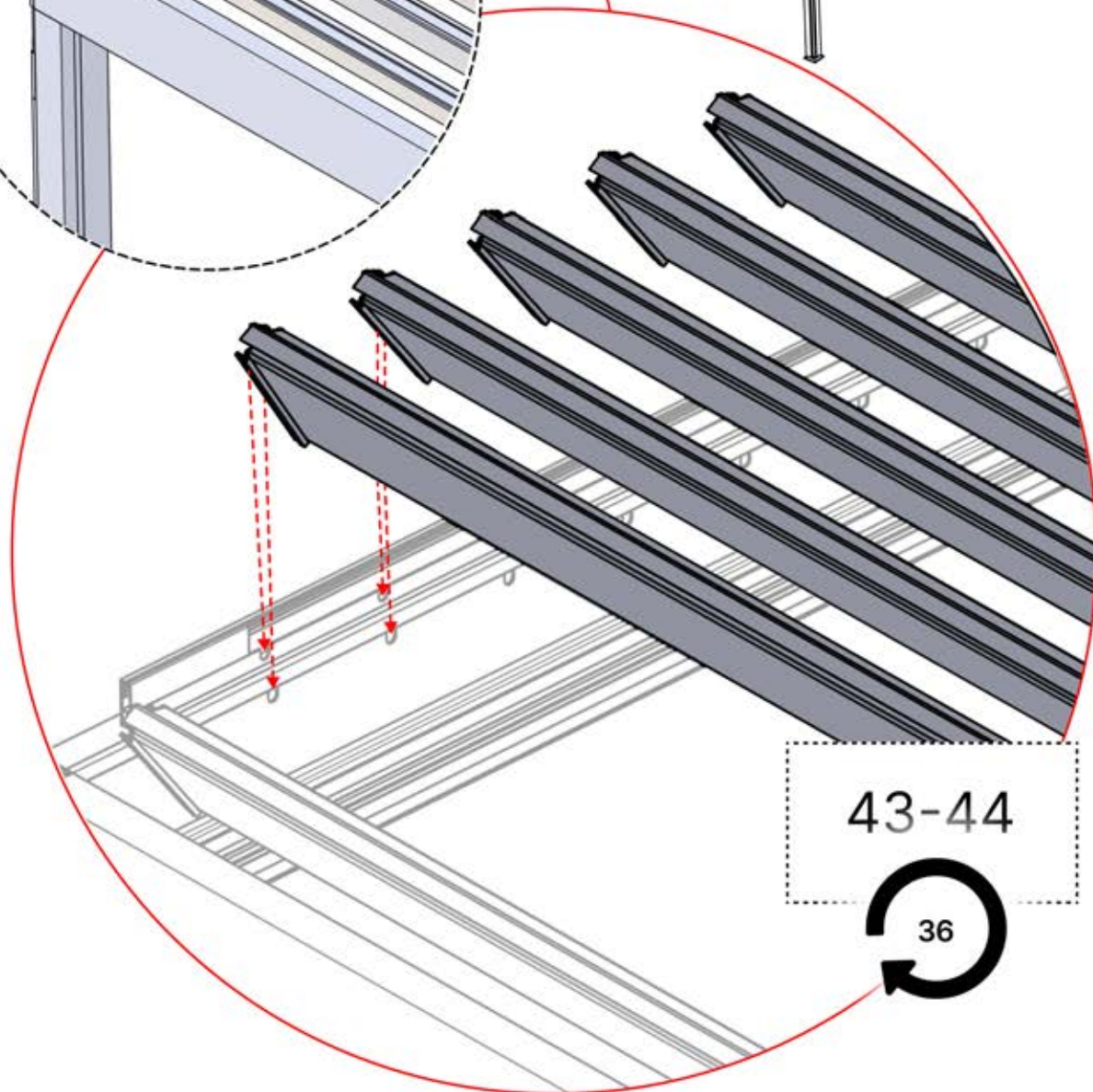
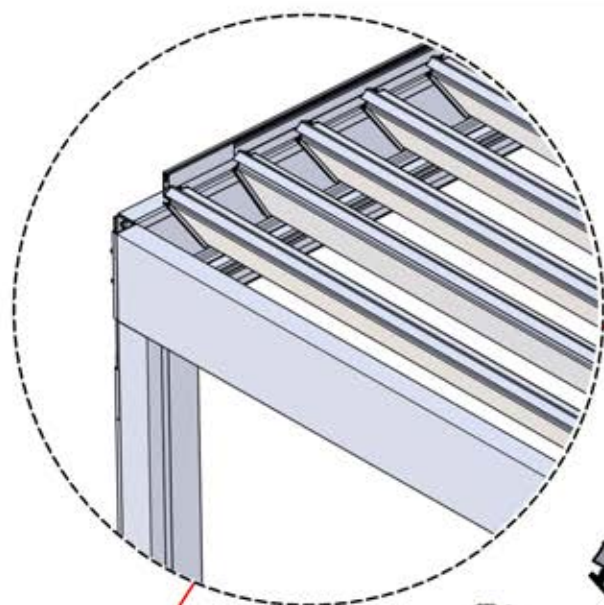
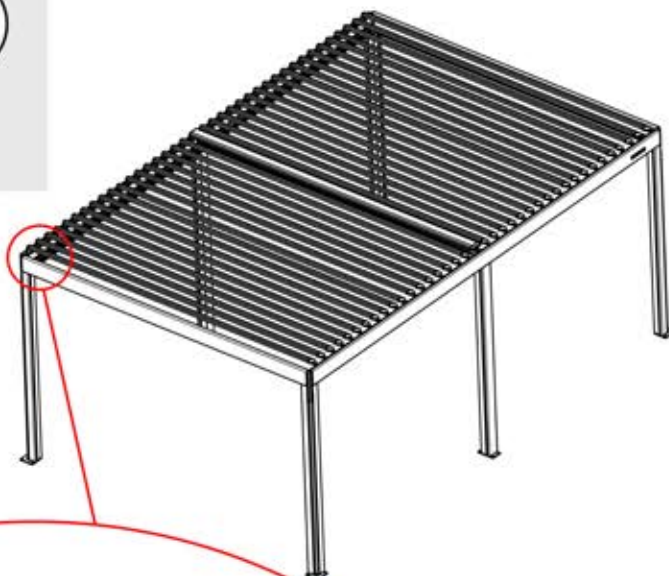
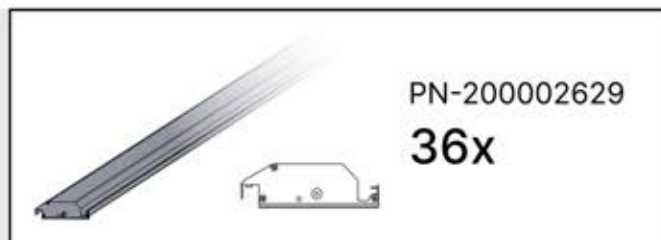
# 49



ANTHRACITE: B268  
WHITE: B272  
BLACK: B270



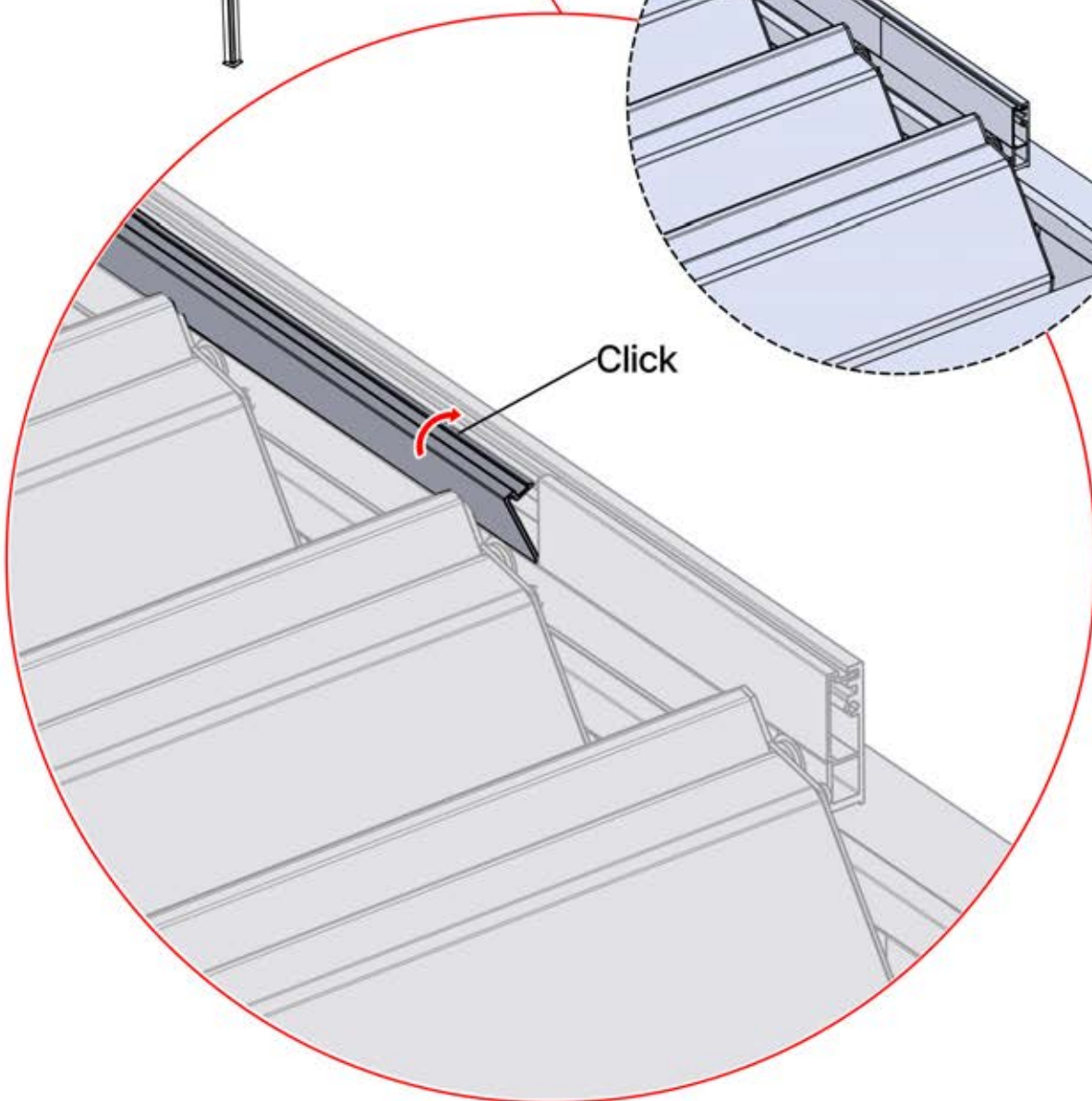
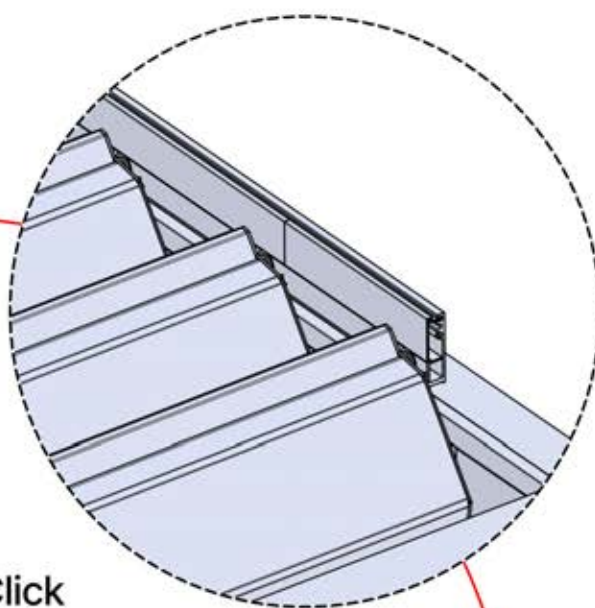
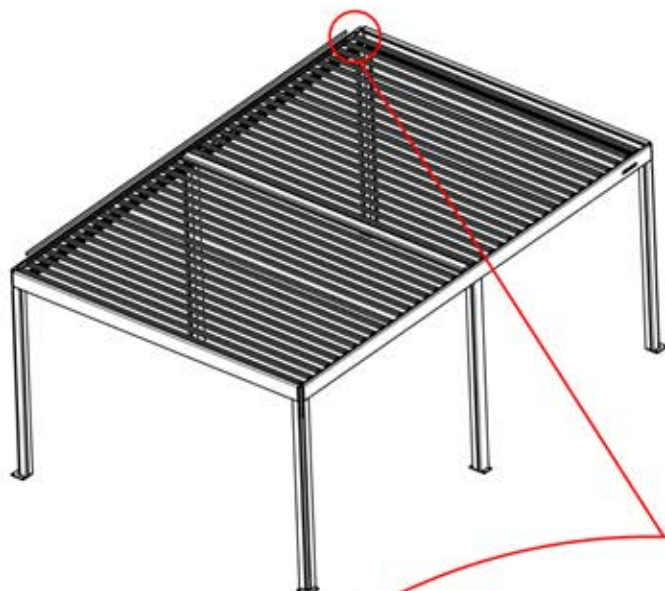
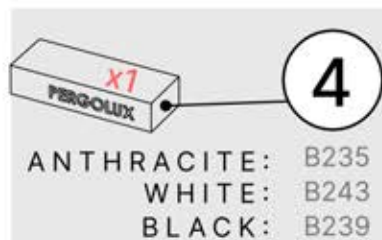
ANTHRACITE: L215  
WHITE: L219  
BLACK: L217



43-44

36

# 50



# 51



4

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239

PN-200003030

1x

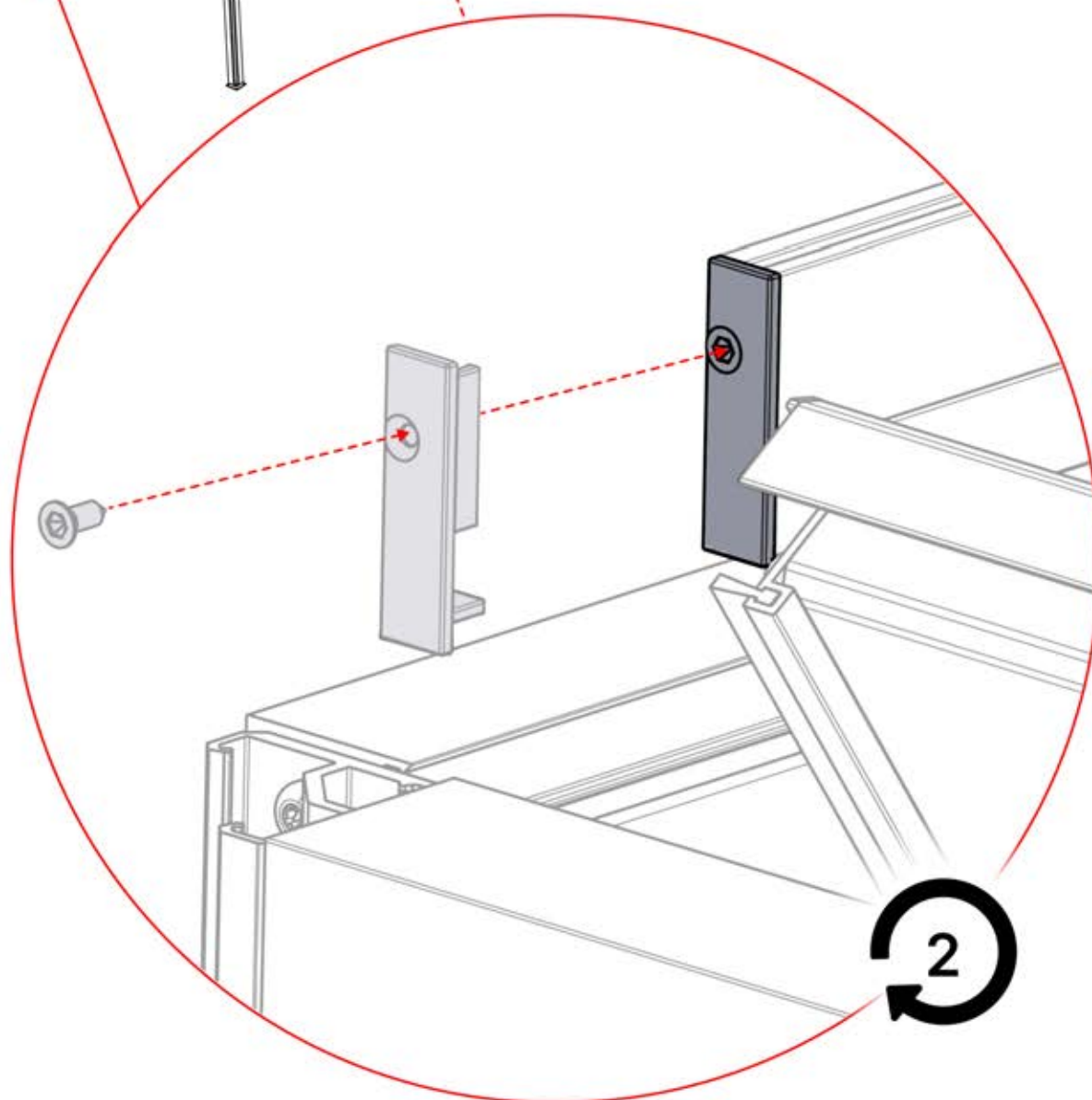
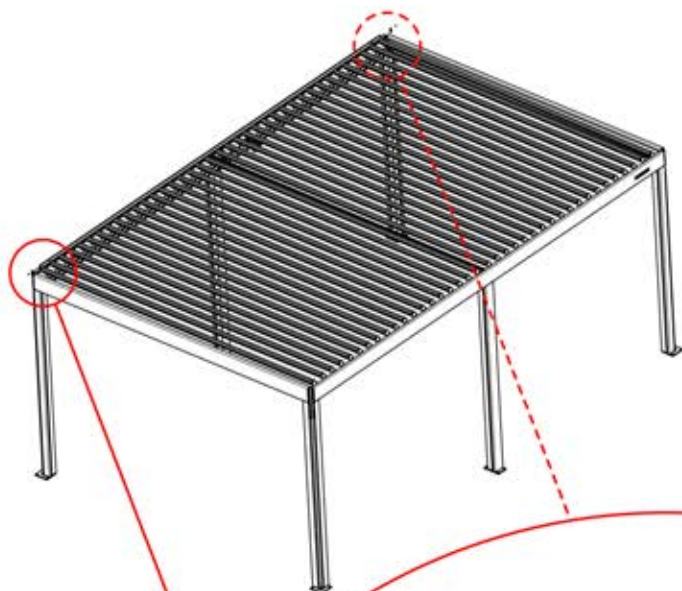
PN-200003031

1x

PN-200001207

2x

PN-20000  
**3278**



# 52



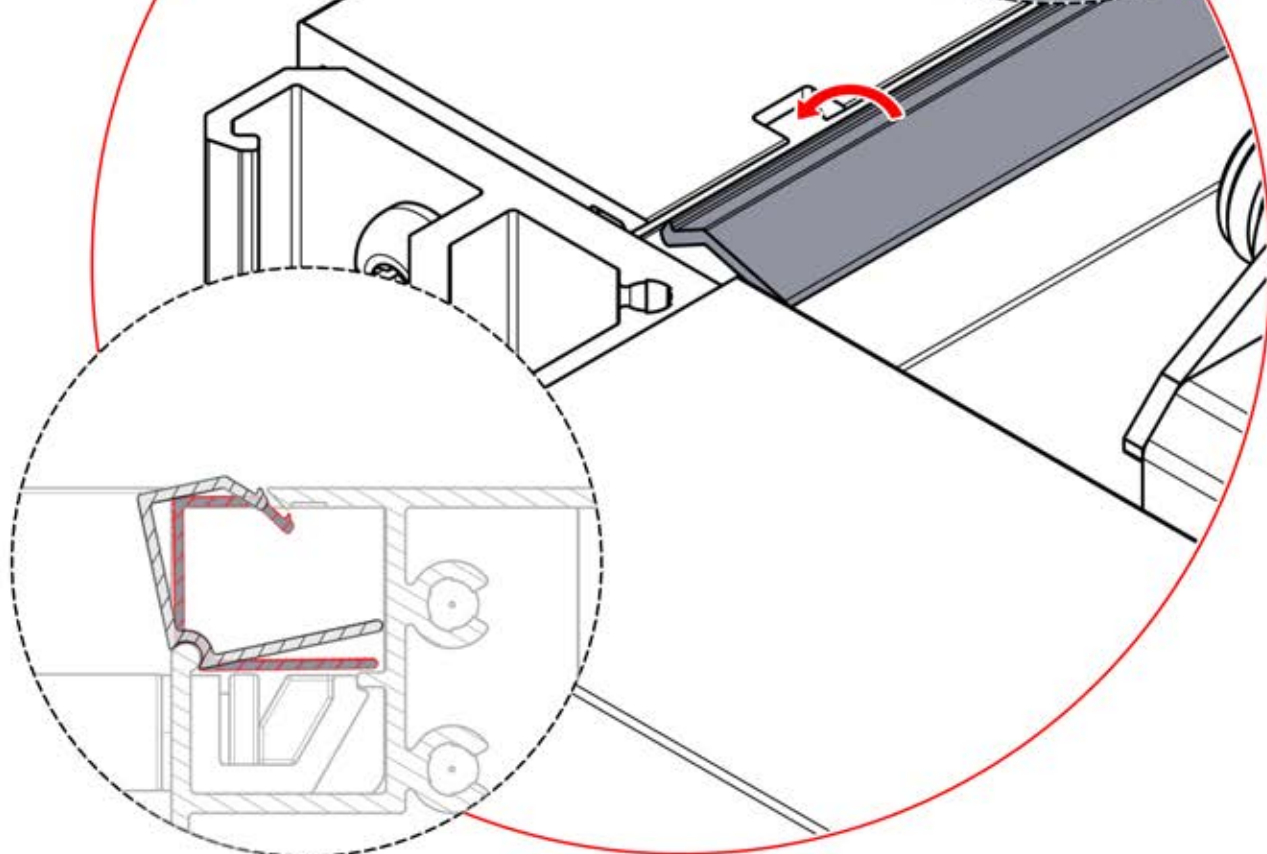
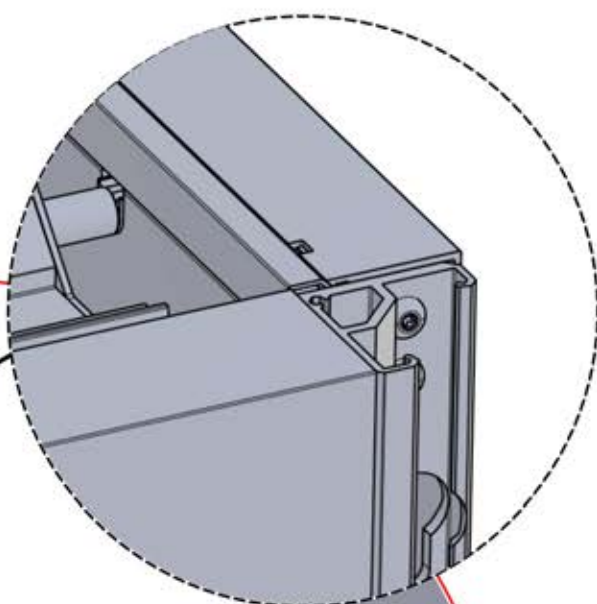
4

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239



PN-200002863

1x

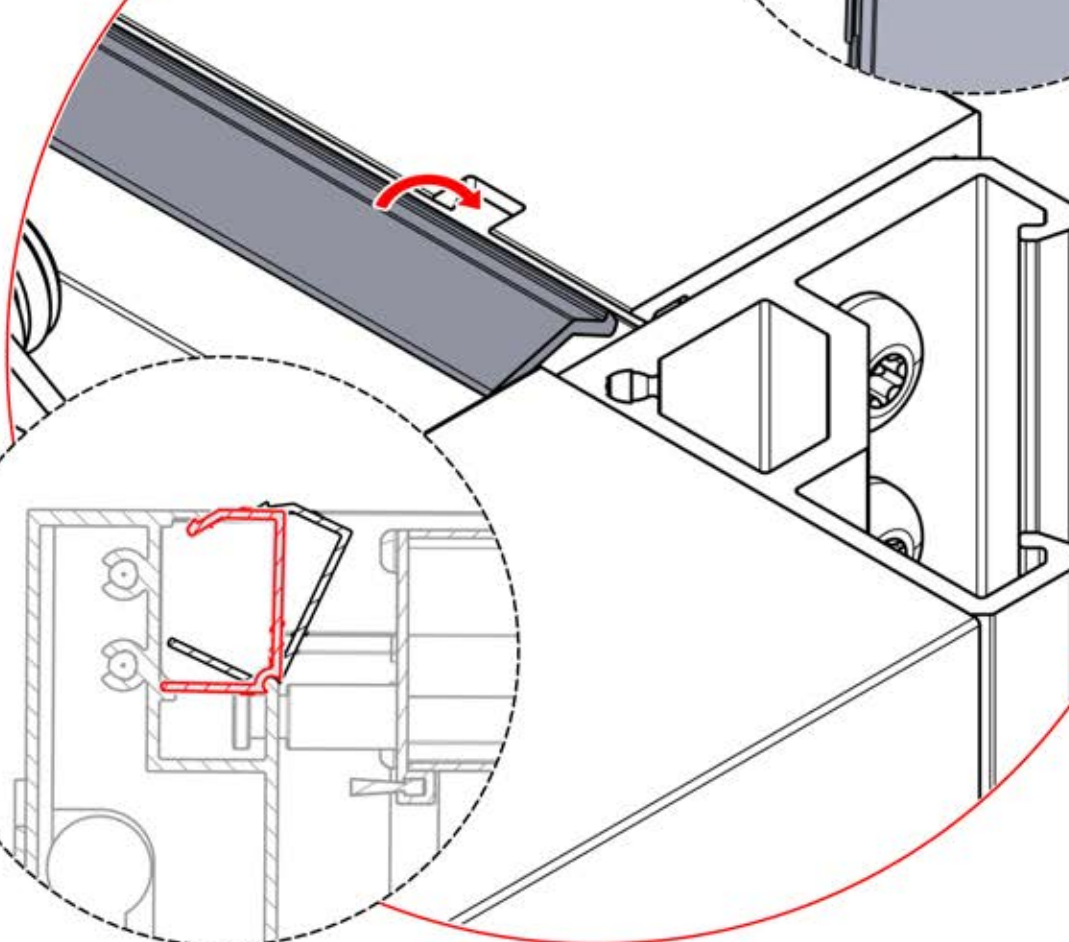
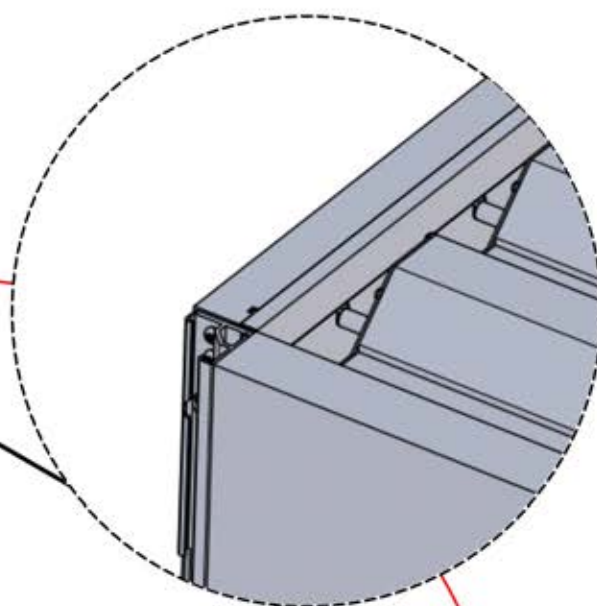
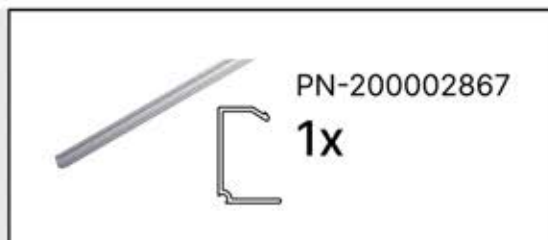


# 53



4

ANTHRACITE: B235  
WHITE: B243  
BLACK: B239



# 54

x2

PERGOLUX

PERGOLUX

1

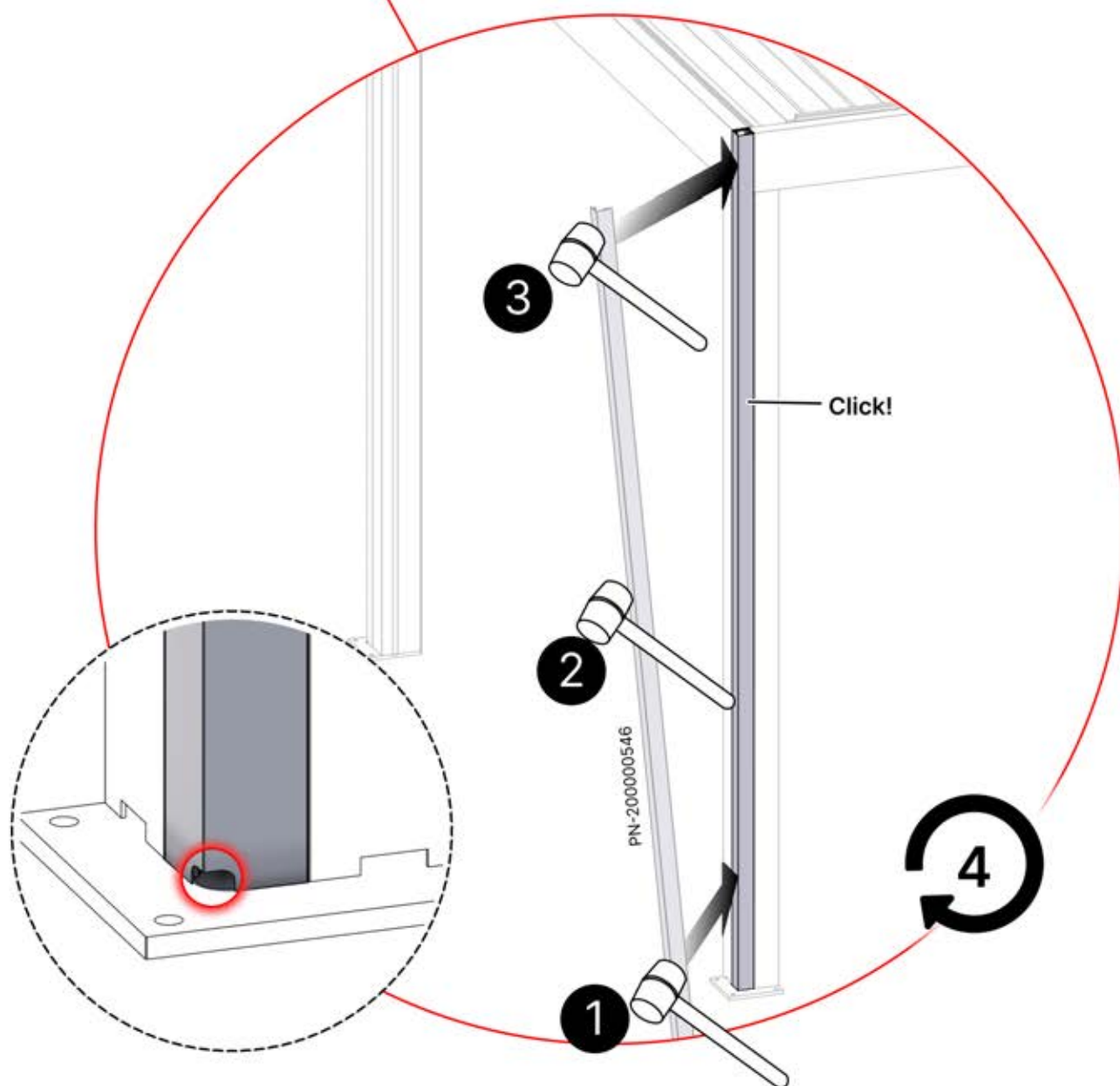
ANTHRACITE: C120

WHITE: C122

BLACK: C121

PN-200003386

4X

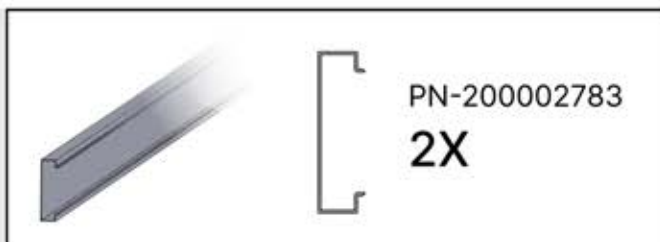


# 55

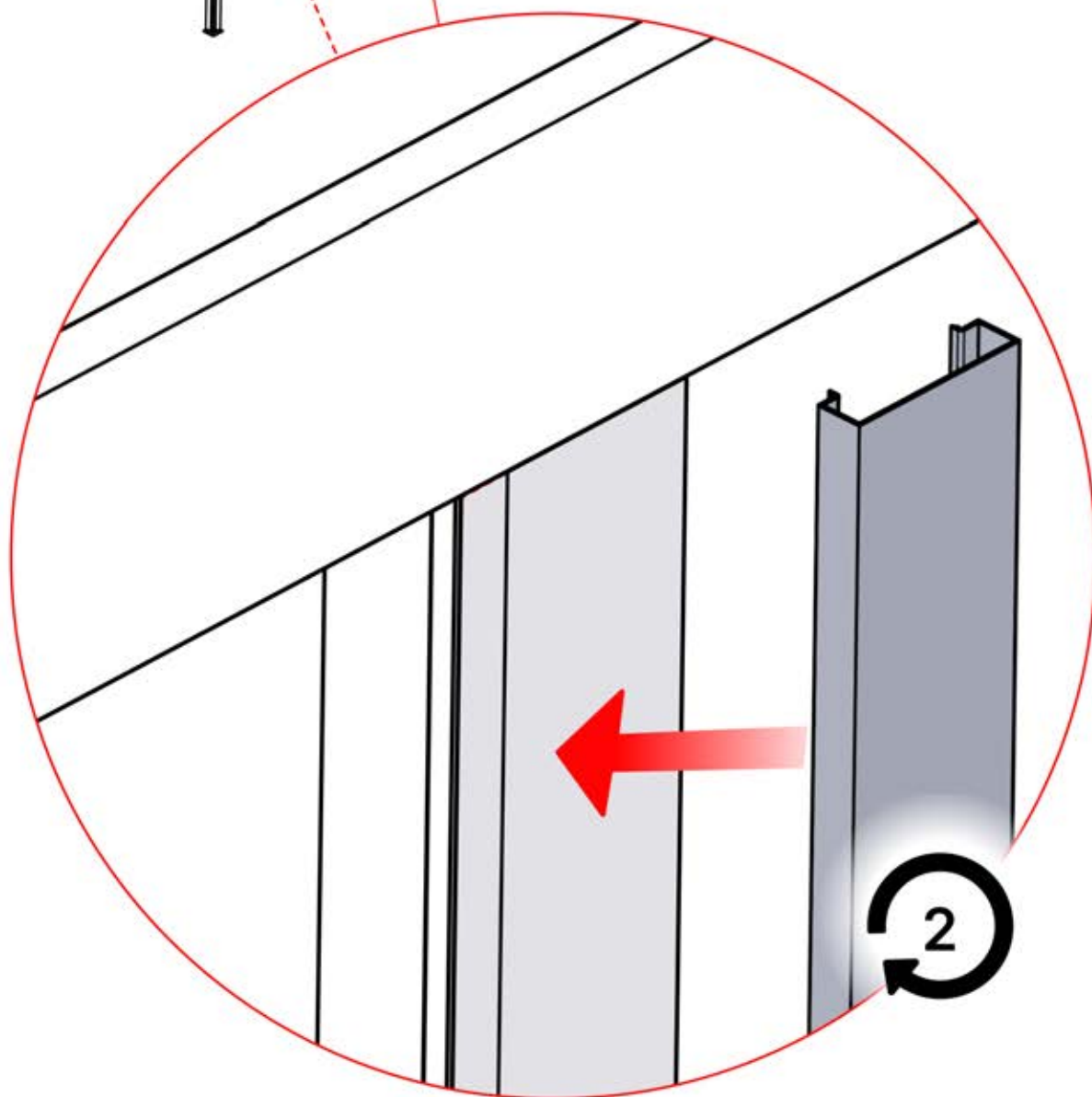
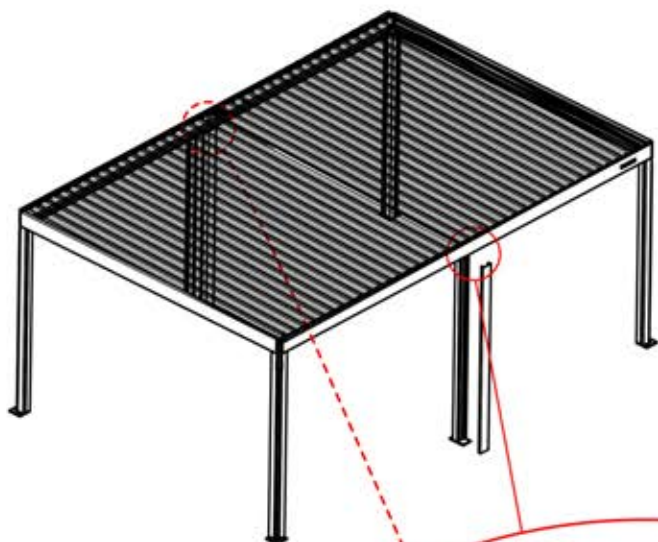


2

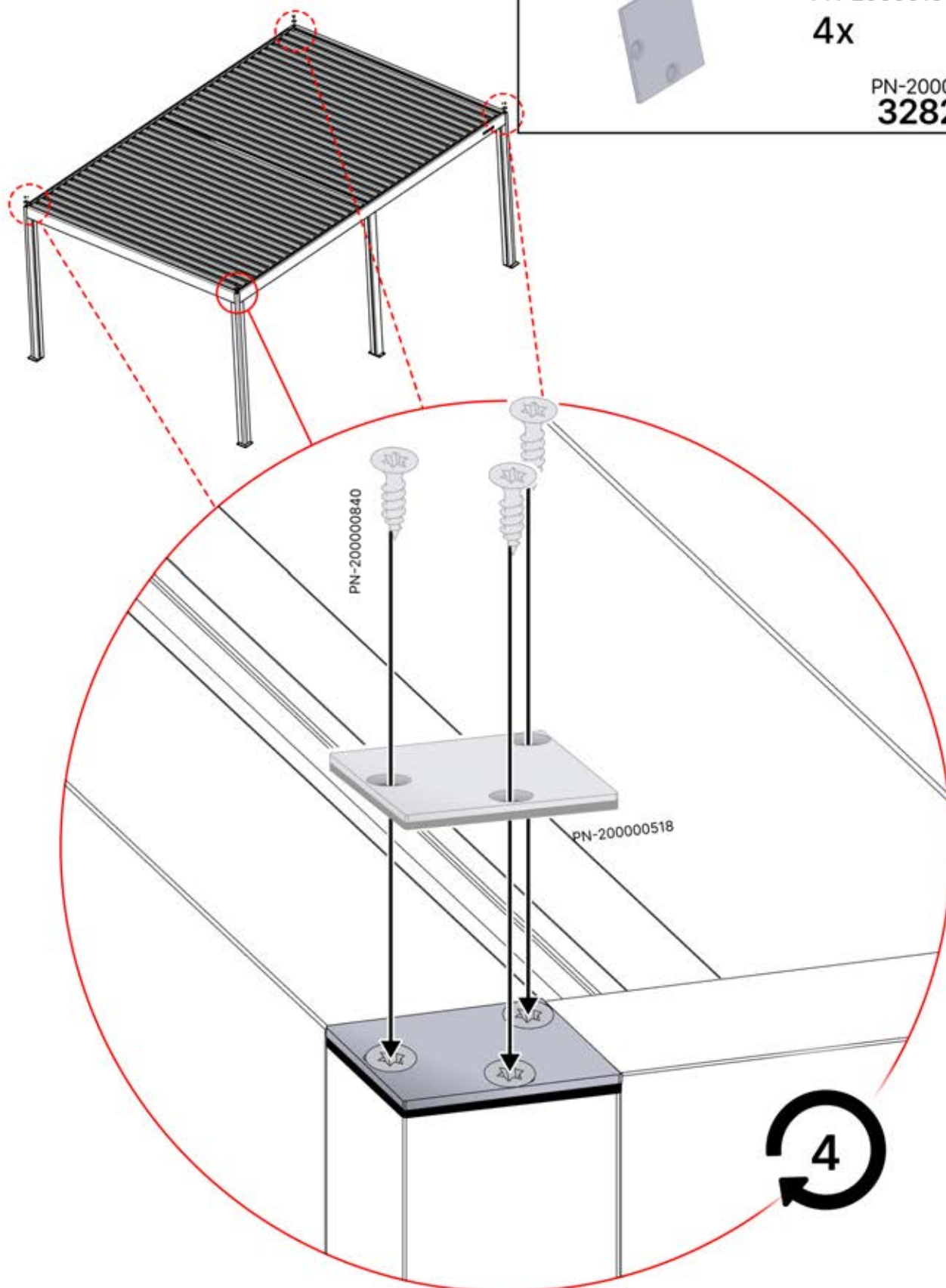
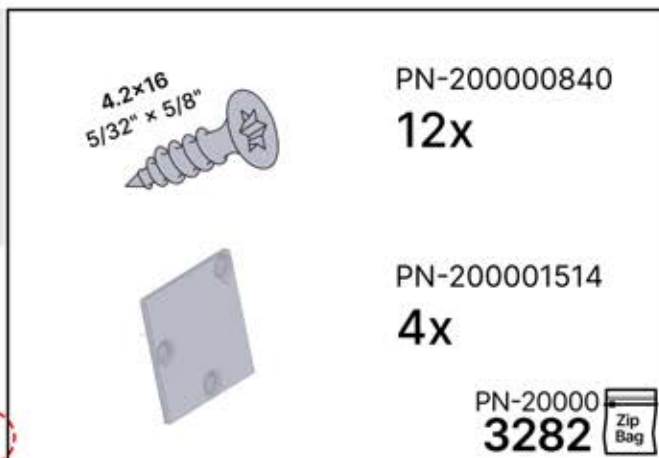
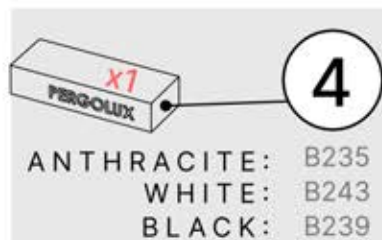
ANTHRACITE: C123  
WHITE: C125  
BLACK: C124



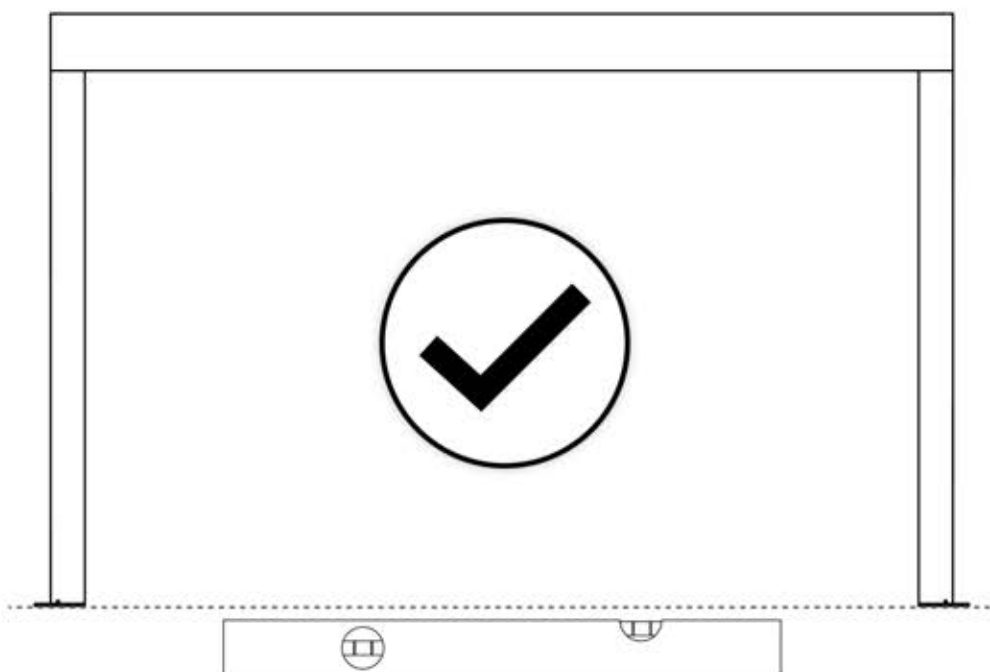
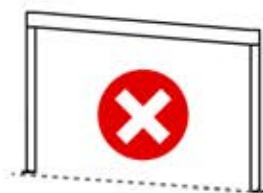
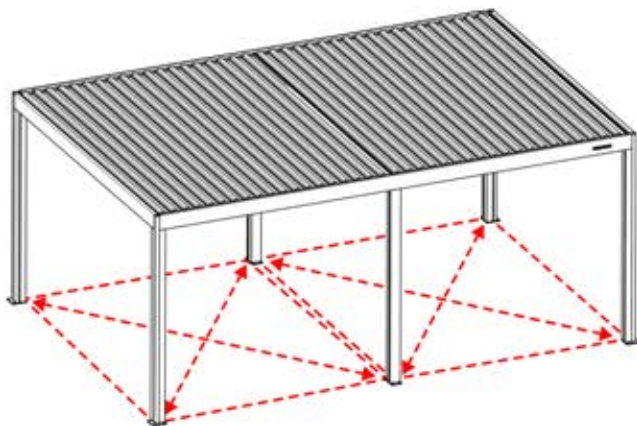
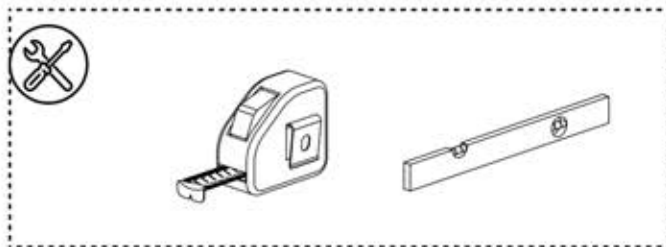
PN-200002783  
2X



# 56



# 57



# 58



Use on  
concrete



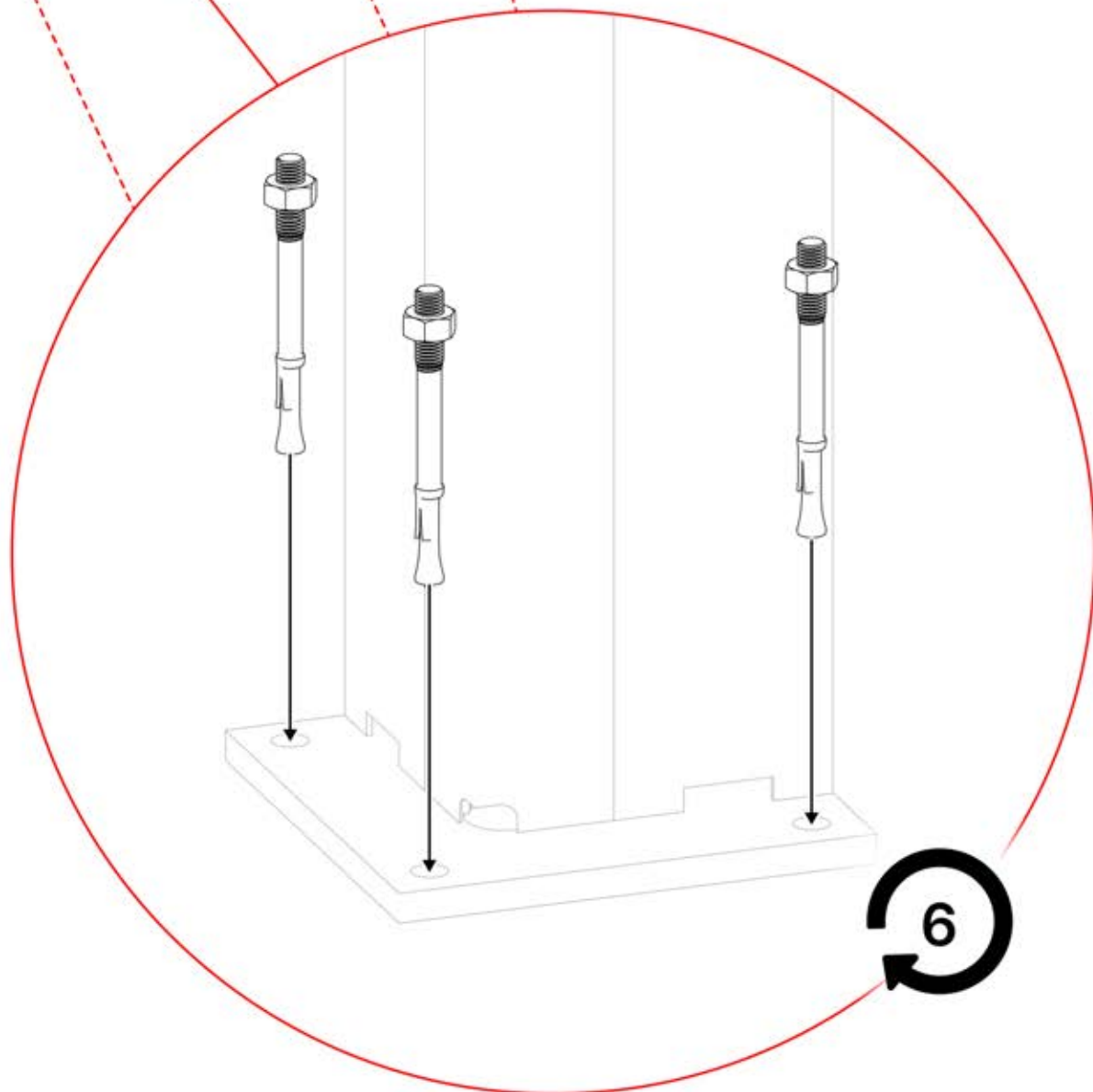
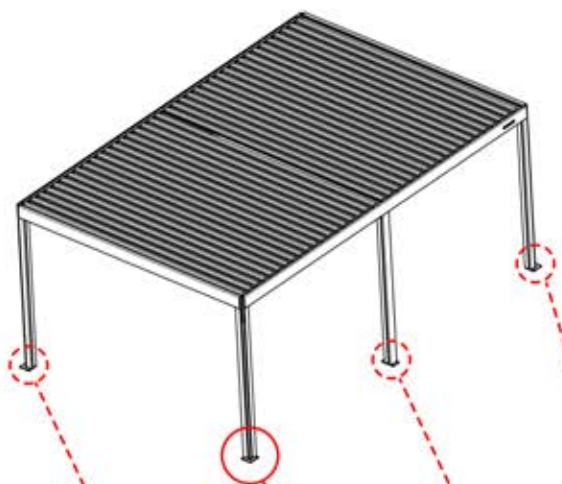
x12



Use on  
wood

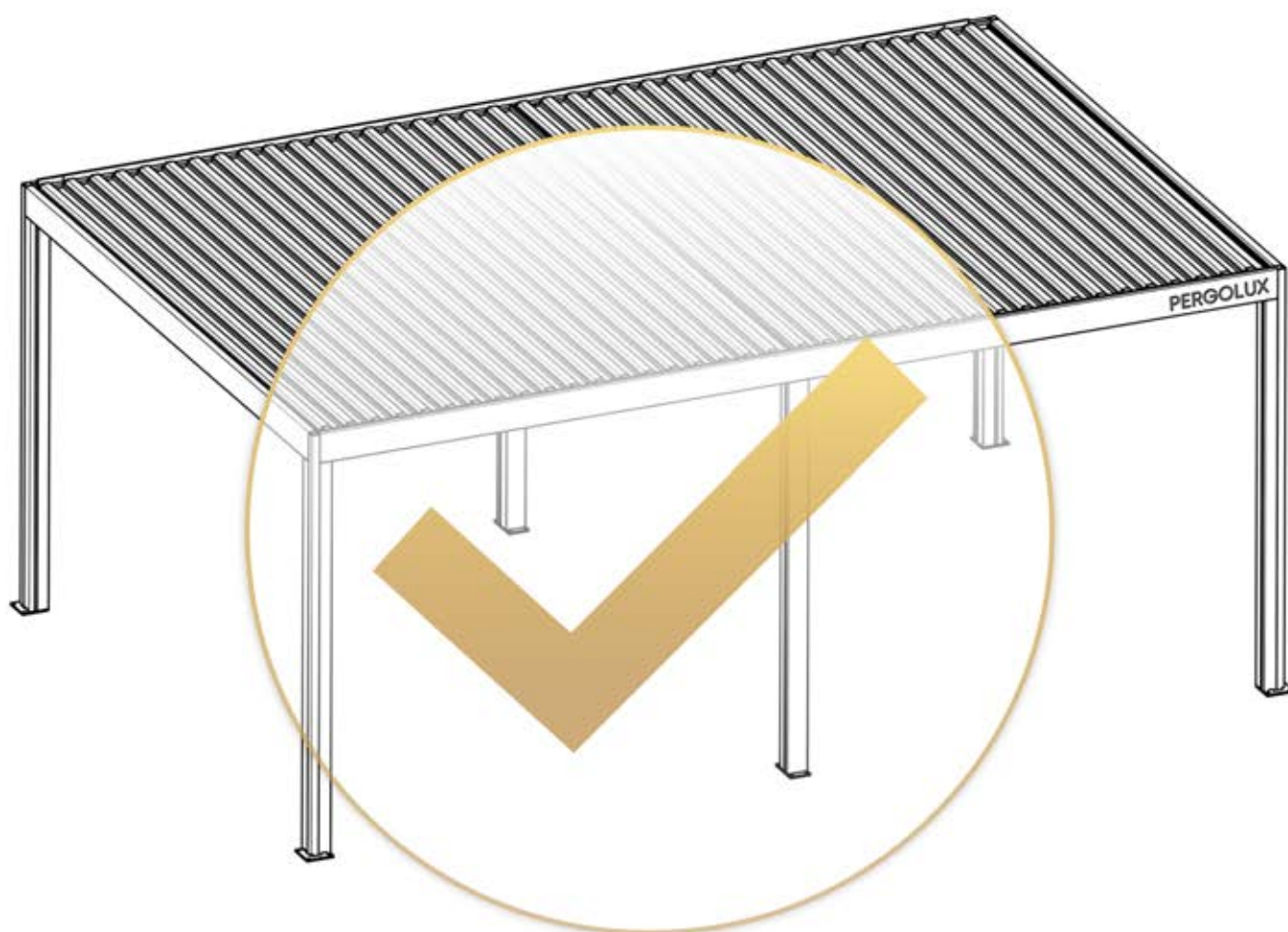


x12



PERGOLUX | PERGOLA PRO FREESTANDING S4

3 × 6 M / 10' x 19'



Type Approved  
Regular  
Production  
Surveillance

[www.tuv.com](http://www.tuv.com)  
ID 1111317678

