

# SMART AUTODOOR

Assembly guide



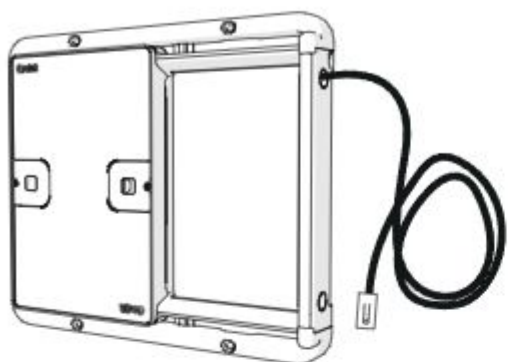
Omlet

- Omlet's Autodoor is designed for use solely as an automated way to open and close access to a chicken coop. It is not a device that will care for your chickens. As the owner you will still need to carry out all the routine daily checks to ensure the health and safety of your chickens, such as ensuring your chickens have access to food and water.
- Please read the instruction manual provided before using this product.
- You must follow the assembly instructions to make sure the product works as intended.
- The product is only to be used for its intended purpose.
- There is a danger of trapping your chickens so keep the product free from dirt and obstructions in order to ensure correct operation of the crush detector.
- The Autodoor is designed for use with adult chickens. Disable product if there are chickens under 15 weeks of age in the chicken house.
- Check your chickens every morning to ensure they have access to food and water.

- Do not rely solely on this product to care for your chickens.
- Keep your fingers away from the moving door.
- Ensure excess cable is stowed to avoid tripping or accidental pulling.
- Make sure that the control panel is completely assembled before turning the power on.
- Do not disassemble the control panel when it is wet.
- Ensure that the product is securely attached before it is operated.
- Children must be supervised when using the Autodoor - it is not a toy.
- Any other use beyond what is specified shall be considered as improper use. Any direct commercial or industrial use is also deemed to be improper. Omlet is not liable for any damage resulting from such use. The user alone bears the risk.

## What you have received

### 107.0018: Boxed Autodoor

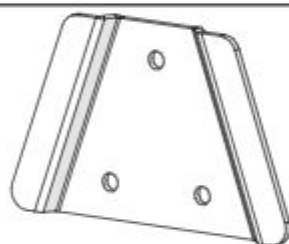


**X1**  
Autodoor Assembly  
014.0025



**X1**  
Control Panel  
107.0014

### 014.0042: Fixings Pack



**X1**  
Mounting Plate  
014.1135



**X2**  
Mounting  
Bracket  
014.1167



**X4**  
Bracket  
Threaded  
064.1016



**X4**  
Winged Nut  
800.0040



**X4**  
Machine Screw  
M6x40mm  
800.0179



**X4**  
Machine Screw  
M6x70mm  
800.0257



**X6**  
Cable Tie  
800.0103



**X3**  
Wood Screw  
3.5x12mm  
800.0096



**X16**  
Self Tapping Screw  
3.5x20mm  
800.0061



**X4**  
Run Handle  
Washer  
810.0245



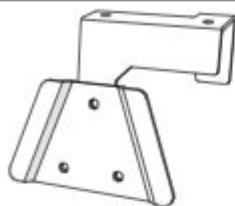
**X2**  
Machine Screw  
6x10mm  
800.0240

Plans to buy a new Eglu? Hold on to spare fixings.



## Optional Attachment Kits - sold separately

### 014.0056: Control Panel Mounting Bracket Cube Mk2 & Pro House



X1

Control Panel Mounting Bracket  
Cube Mk2 & Pro House  
014.0056

### 014.0058: Eglu Cube Mk1 House Control Panel Mounting Bracket



X1

Eglu Cube Mk1  
Control Panel Mounting Bracket  
014.0057



X1

Machine Screw  
M6x10mm  
800.0240

### 014.0068: Eglu Cube Mk1 Mounting Kit



X1

Eglu Cube Mk1  
Auto Door Bottom  
Mounting Bracket  
014.0066



X1

Eglu Cube Mk1  
Auto Door Door Infill  
014.1192



X1

Eglu Cube Mk1  
Auto Door Top  
Mounting Bracket  
014.1191

### 014.0069: Eglu Cube Mk1 Auto Door Mounting Bracket Fixings Pack



X4

Machine Screw M6x30mm  
800.0247

### 810.0074 Mesh Edge Protector Kit



X2

Mesh Edge  
Protector 215mm  
810.1064



X2

Mesh Edge  
Protector 300mm  
810.1065

### 014.0072: Wooden Coop Mesh Autodoor Mounting Kit



X2

Wood Frame Vertical Batten  
014.1183



X2

Wood Frame Horizontal Batten  
014.1182

### 014.0043: Autodoor Wooden Coop Fixings Pack



X8

Wood Screw 4mmx40mm  
800.0291

## Optional Accessories



X1

Omlet Coop  
Light  
014.0062



X1

AD Replacement  
Wire  
014.0080



X1

12V Power  
Adaptor UK  
810.0530



X1

12V Power  
Adaptor EU  
810.0531



X1

12V Power  
Adaptor USA  
810.0532

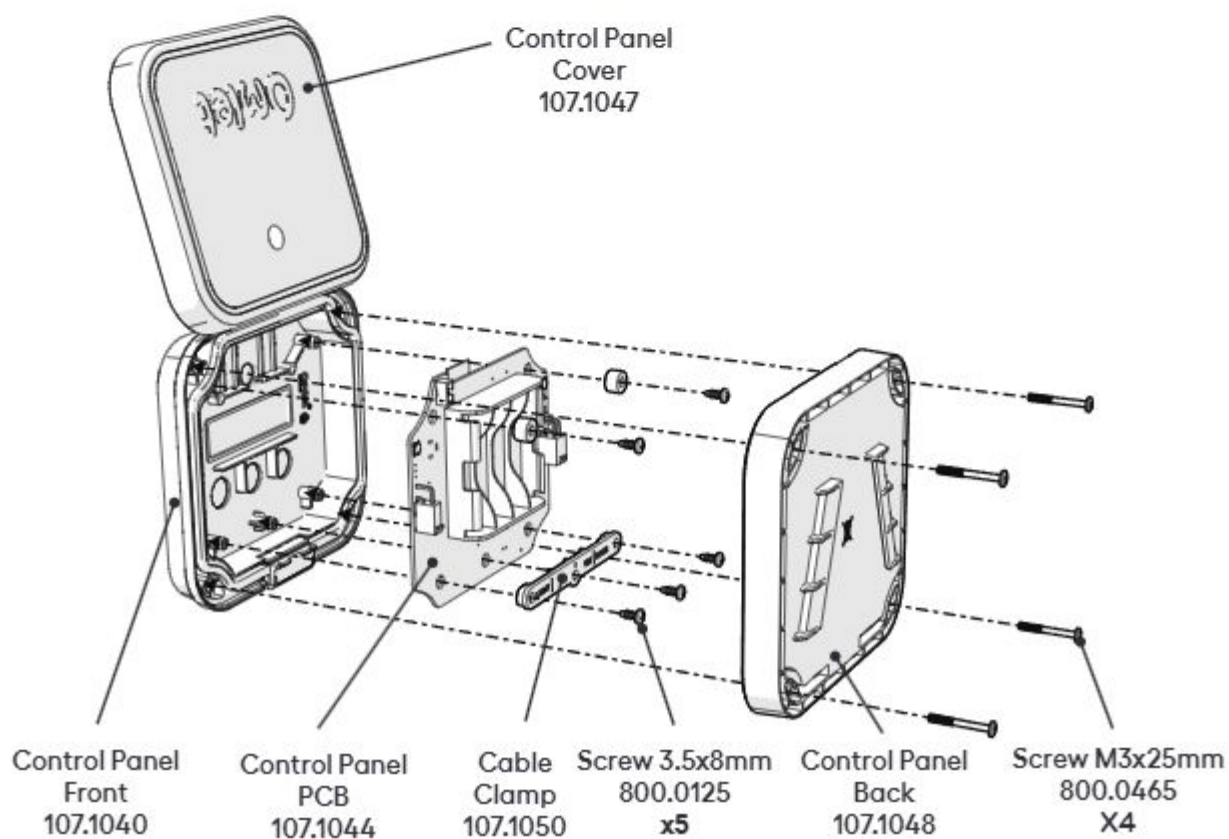
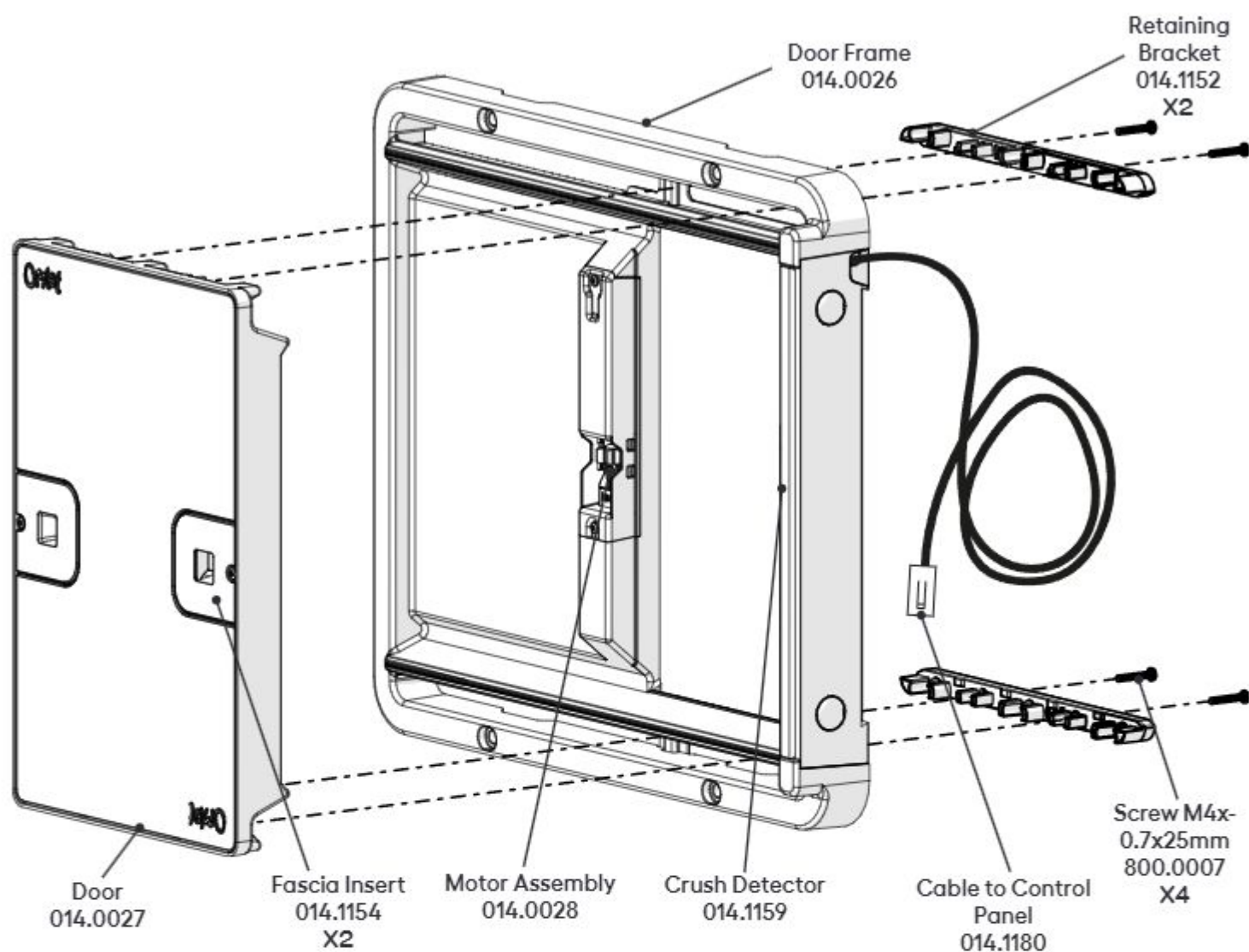


X1

12V Power  
Adaptor AUS  
810.0533



## Exploded Diagrams of the Automatic Door and Control Panel



You will need...



AA Battery 1.5V  
X4

Do not use a Power Drill to tighten screws



If connecting to Wi-Fi, then scan a QR below to download the Omlet App.



For Apple



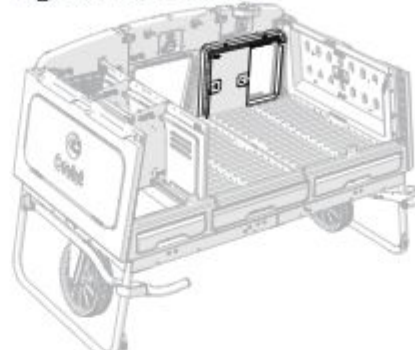
For Android

### Eglu Cube Mk2 House



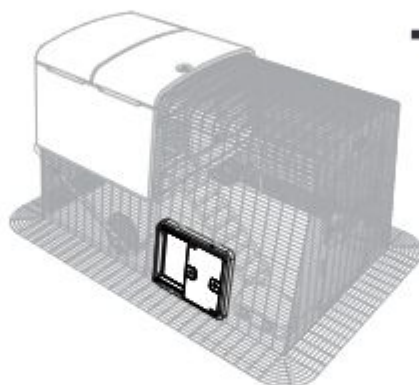
→ 1

### Eglu Pro House



→ 15

Omlet Mesh:  
Walk in Run  
Eglu Cube Mk1 & Mk2,  
Eglu Pro  
Eglu Go,  
Eglu Go UP,  
Eglu Classic



+ 810.0074: Mesh Edge Protector Kit

→ 27

### Wood



→ 31

### Non-Omlet Mesh



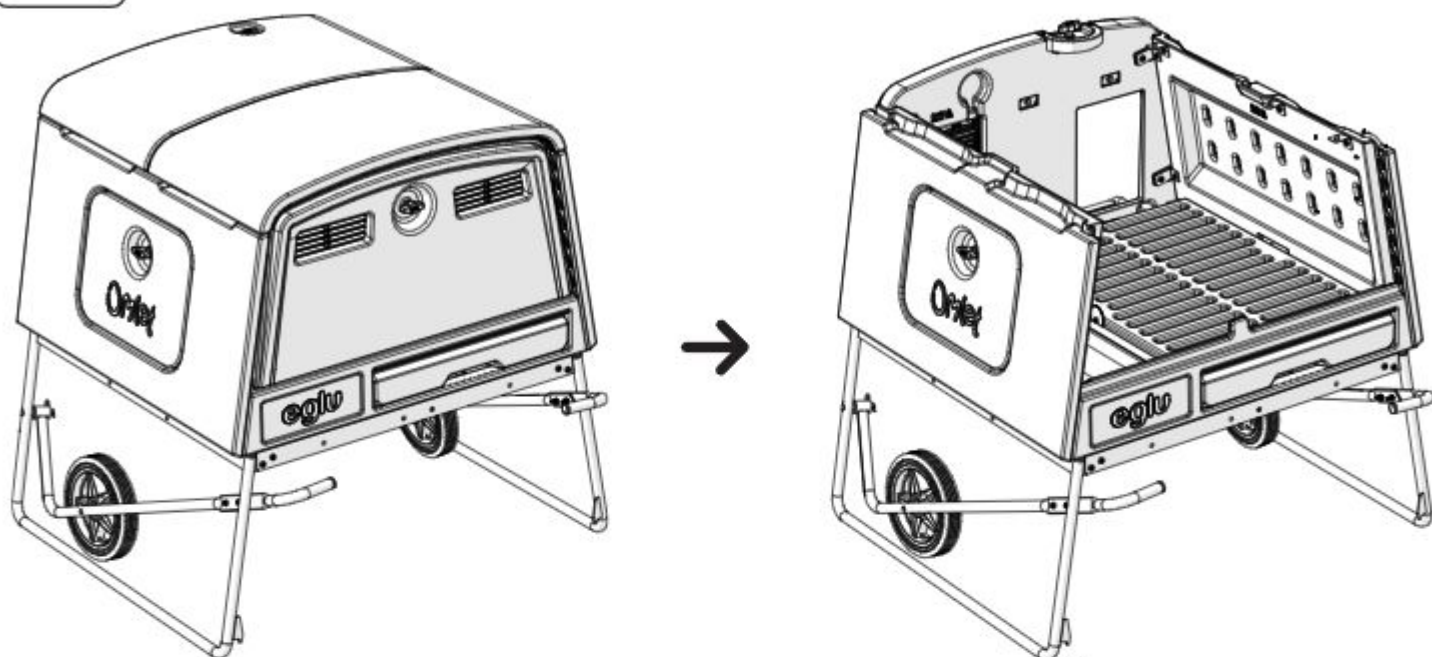
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+ 014.0072: Autodoor Wooden Coop Mesh Mounting Kit

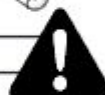
If you would like to connect your autodoor to a classic run or Eglu Cube MK1, please visit:  
[www.omlet.co.uk/instructions](http://www.omlet.co.uk/instructions)



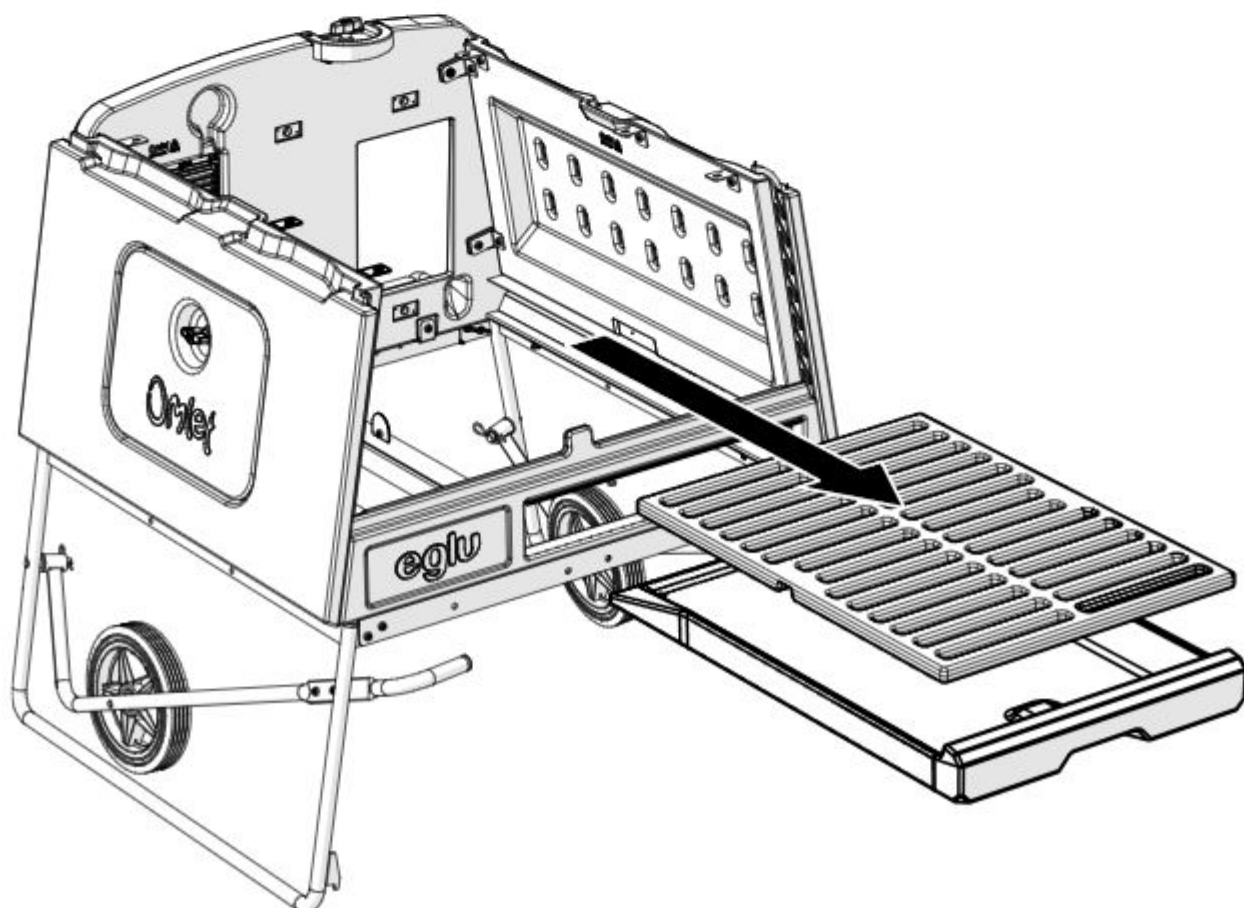
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Roof removal optional



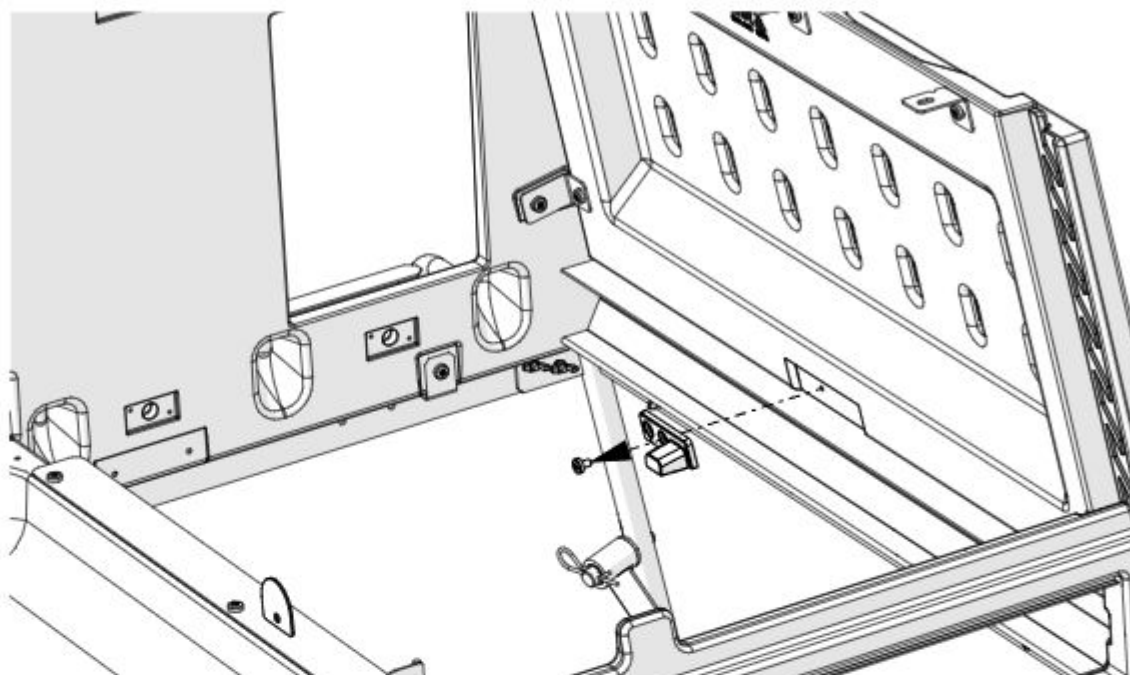
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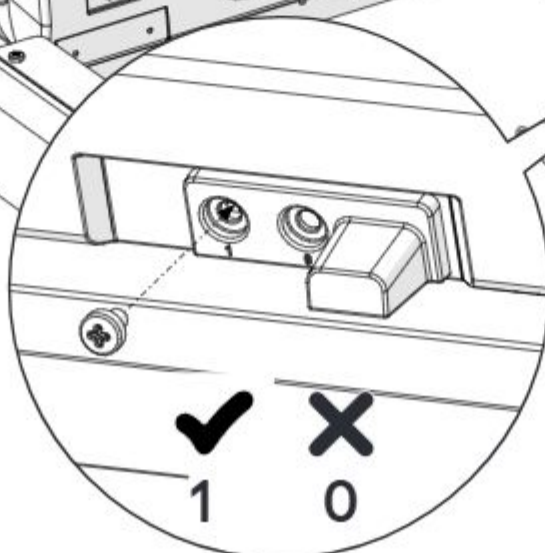
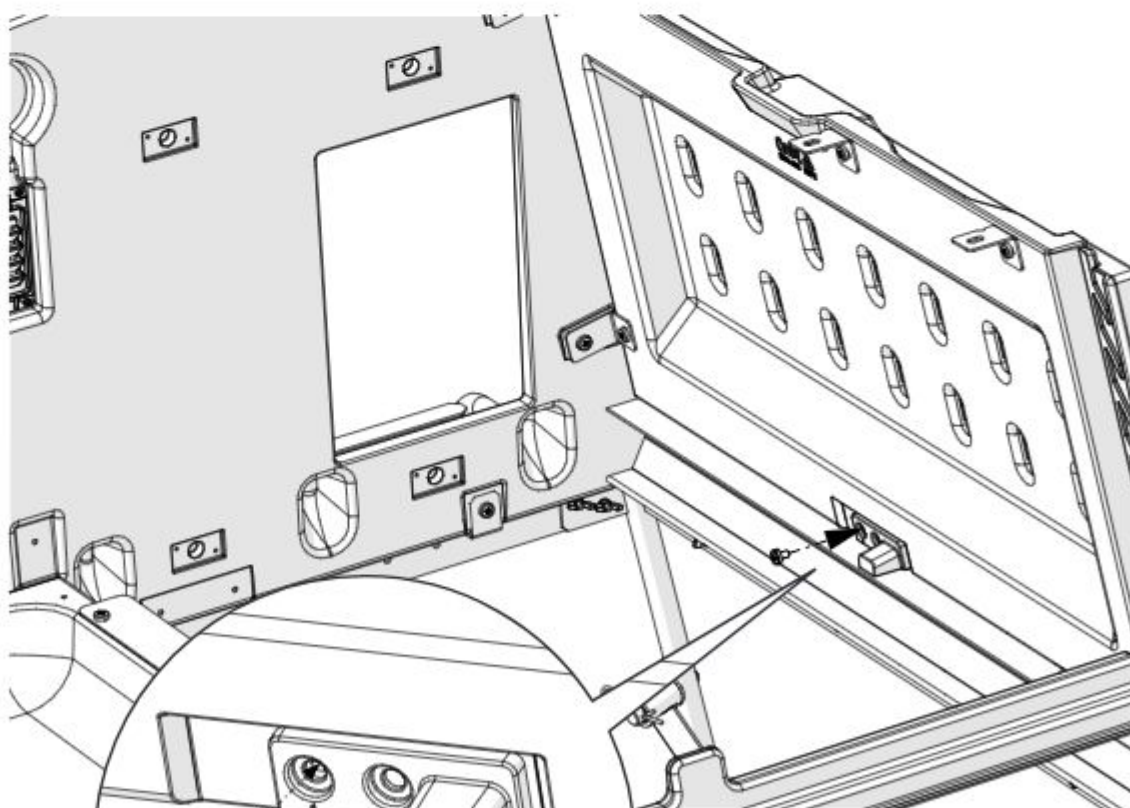


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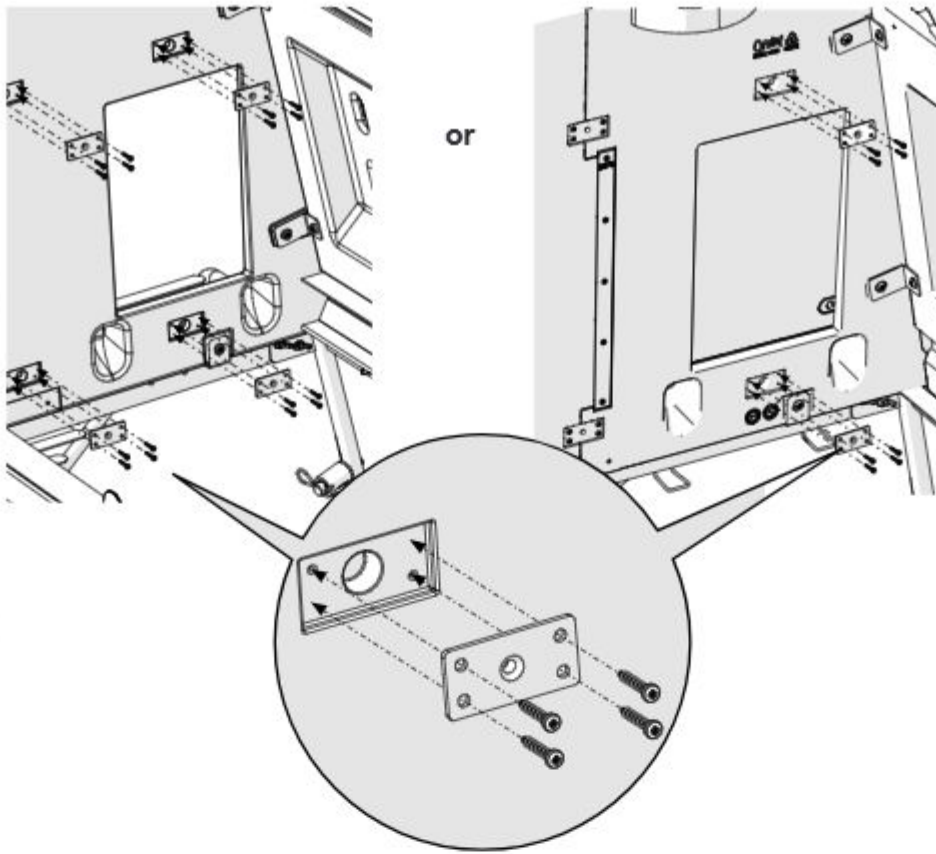
Keep the Parts safe until Step 4



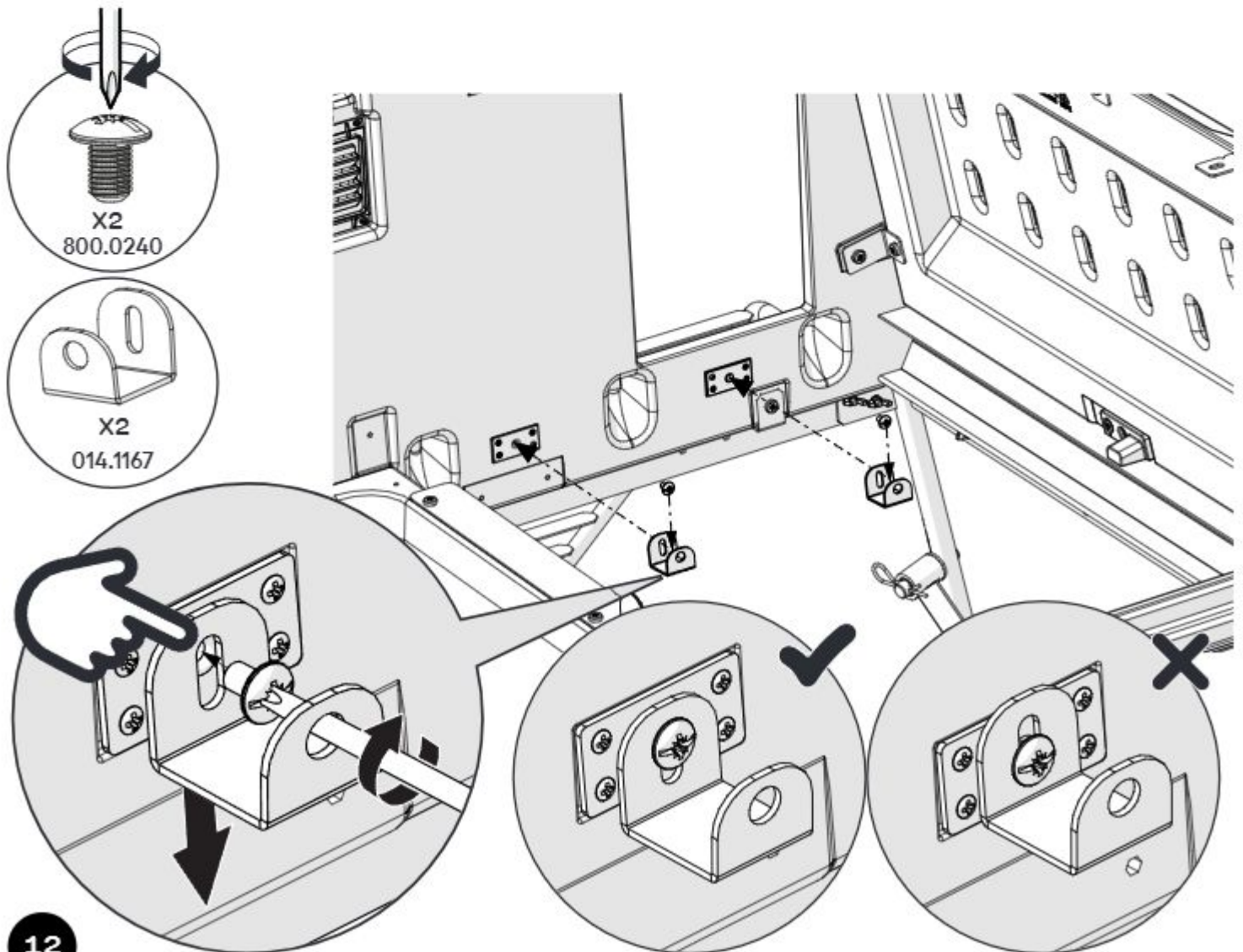
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5

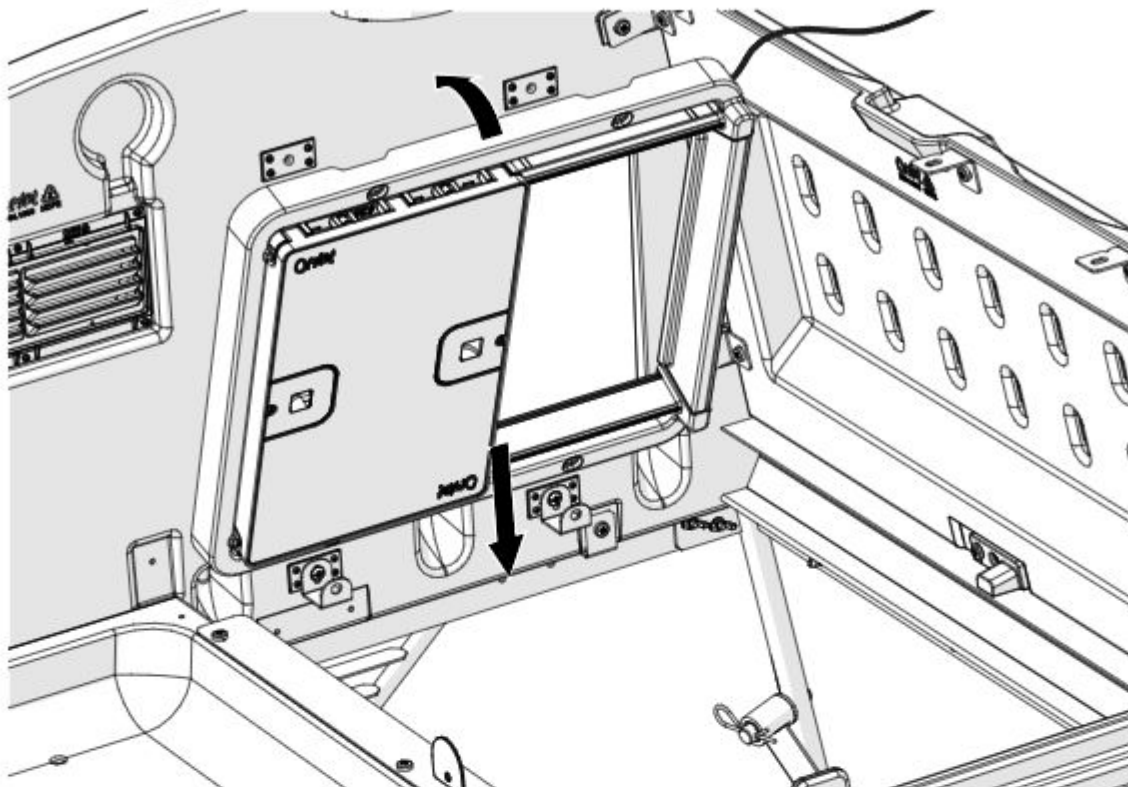


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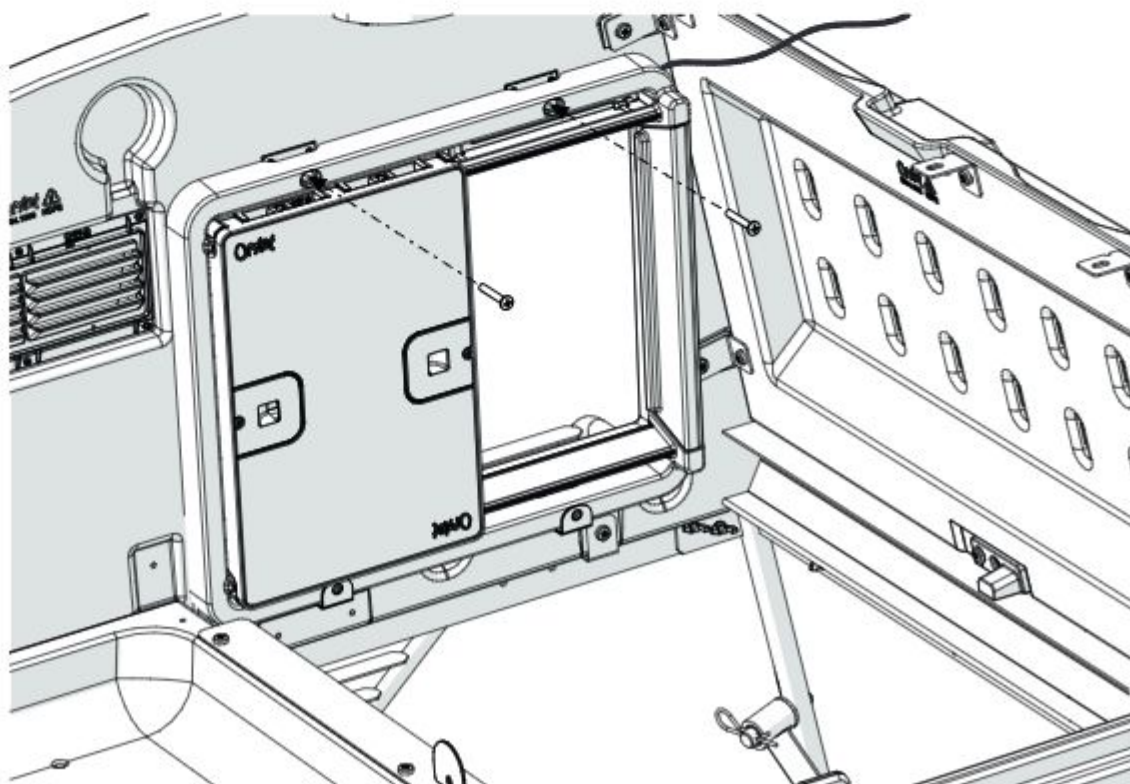




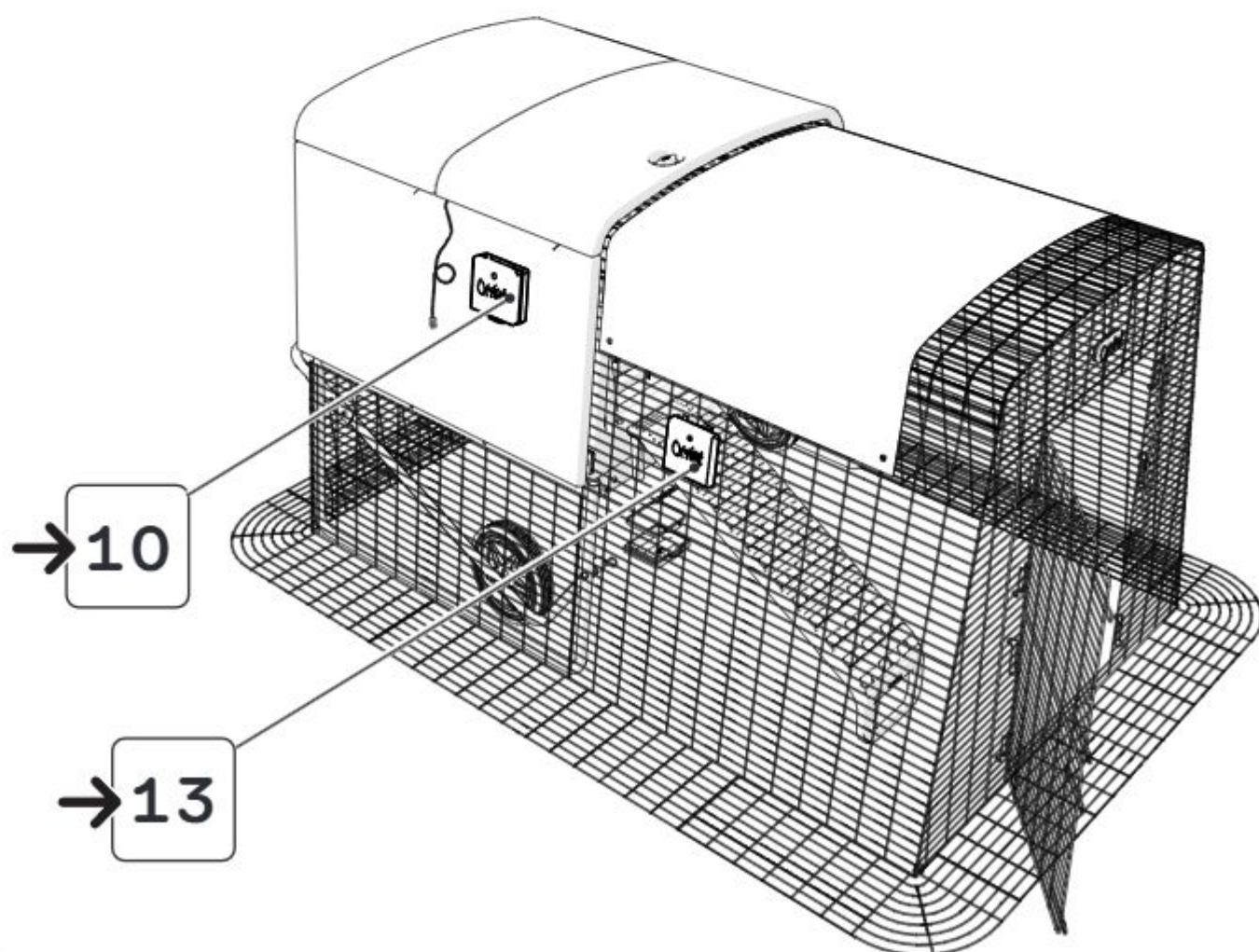
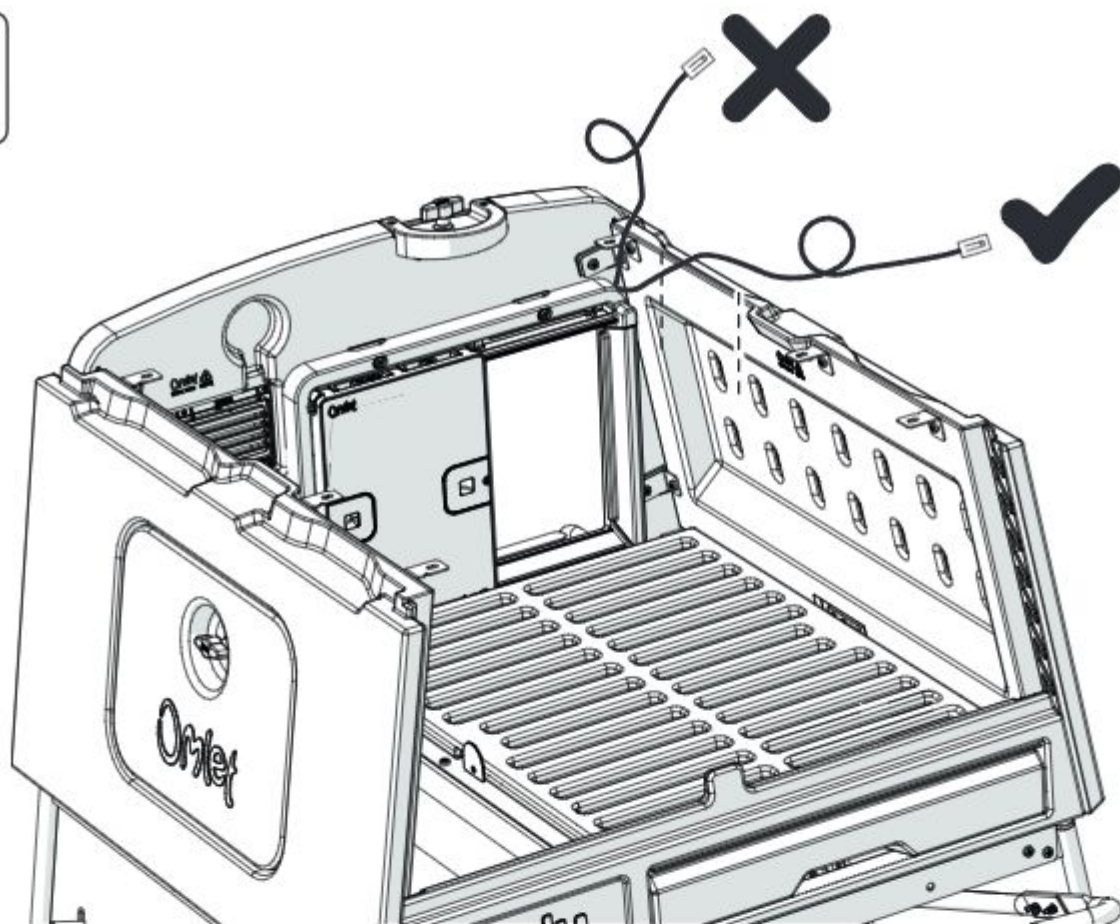
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8



9

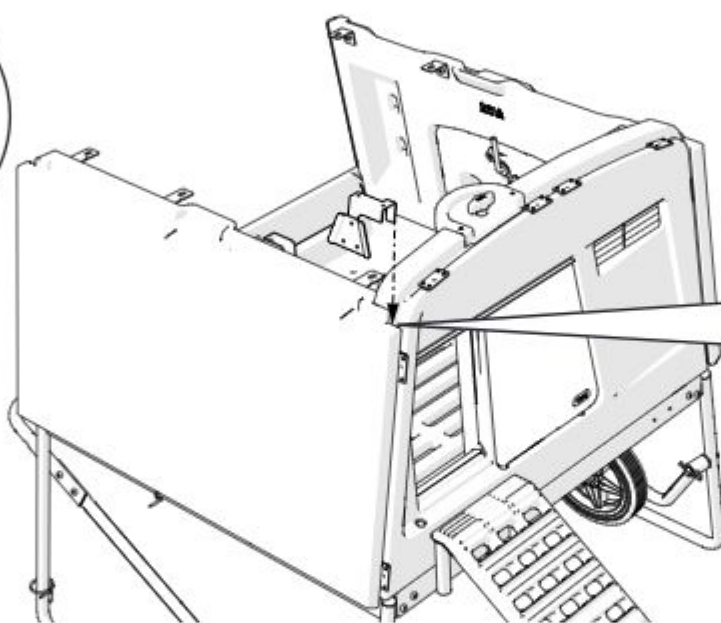
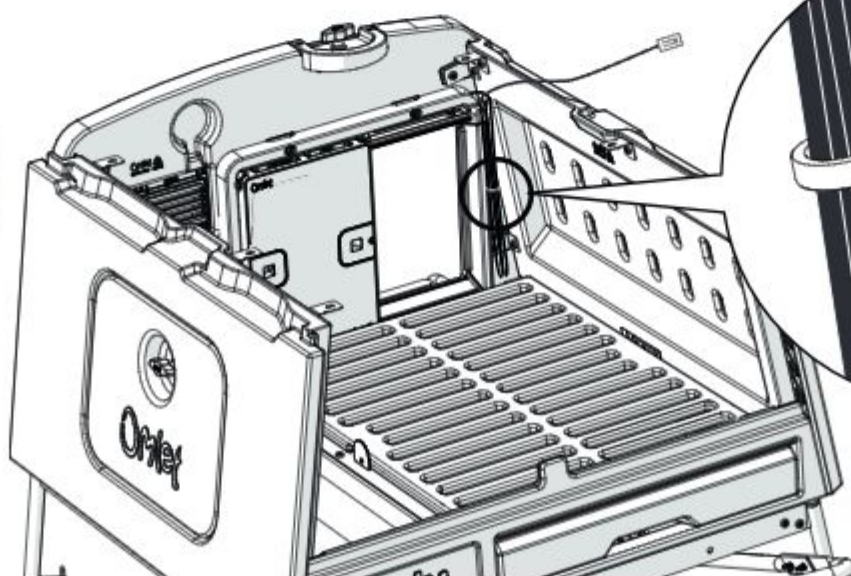




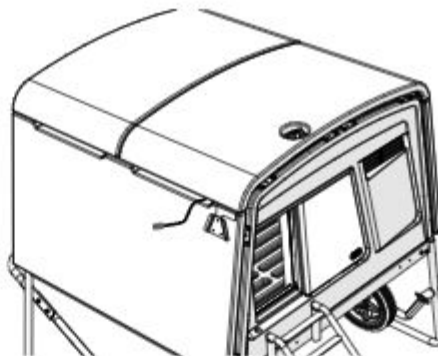
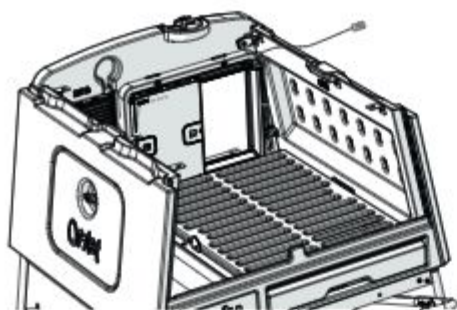
**10**

If you haven't removed the roof, you can remove one bolt at the front and pull the corner up to slide the bracket on.

**+** 014.0056: Control Panel Mounting Bracket Eglu Cube Mk2 & Pro House

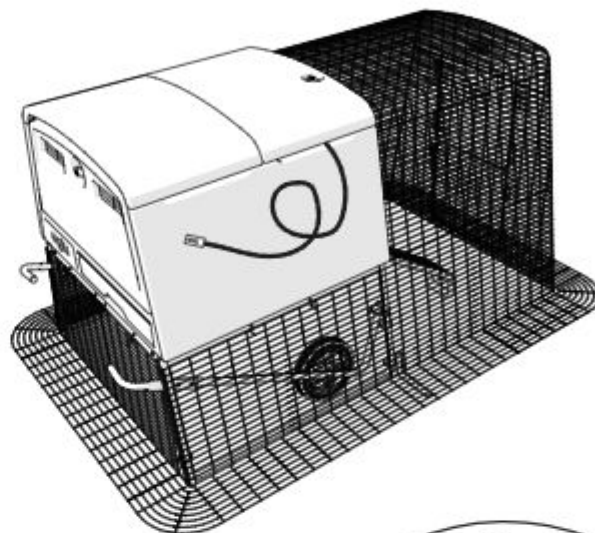
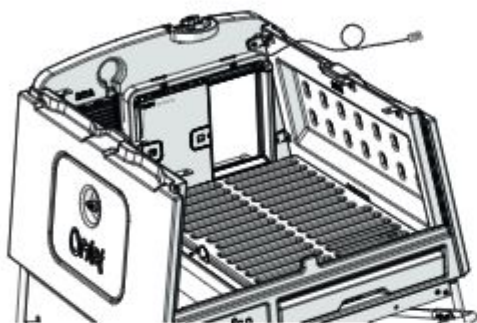
**11**

12

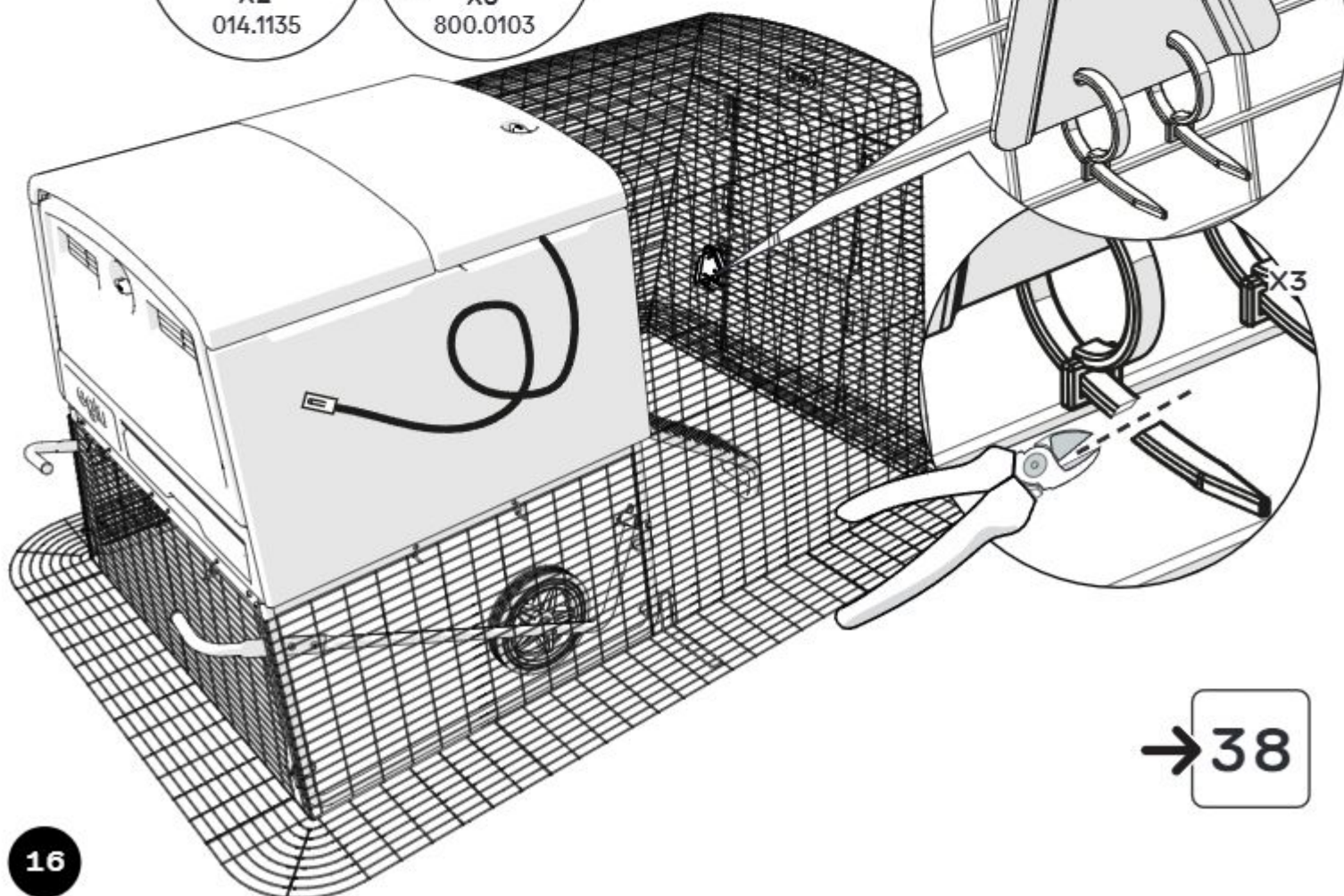


→ 38

13



14

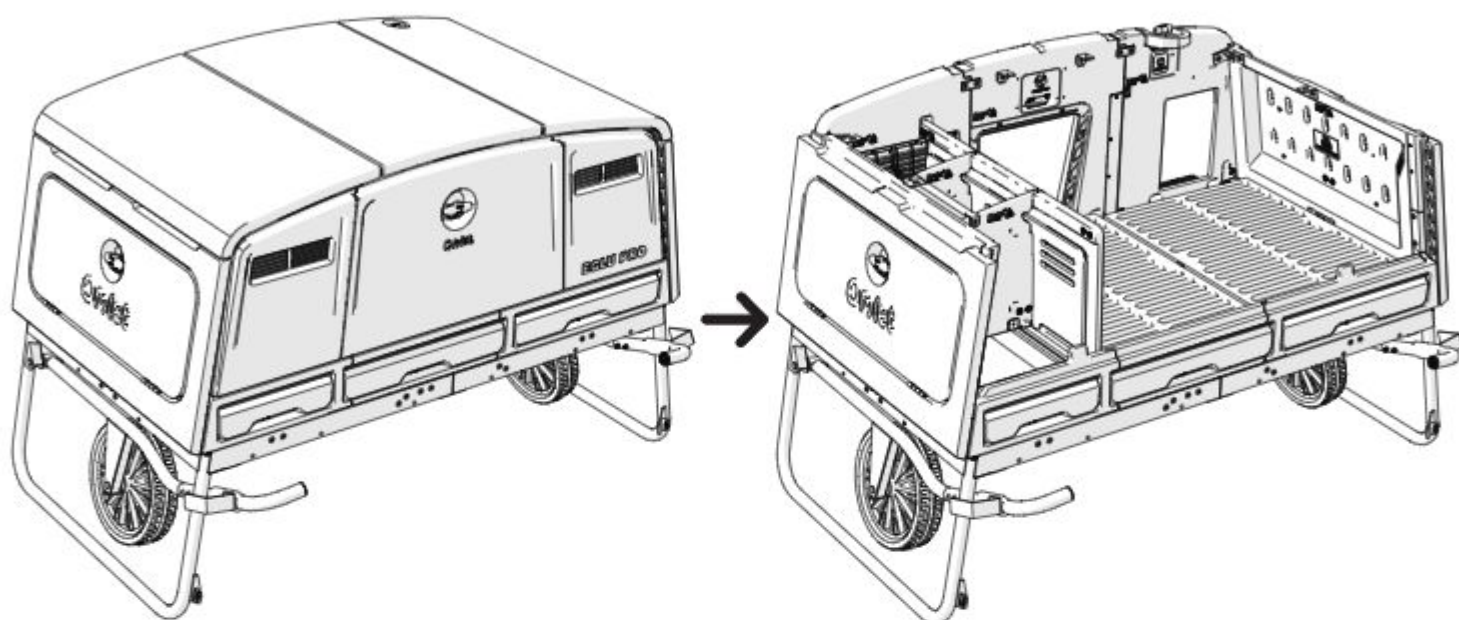


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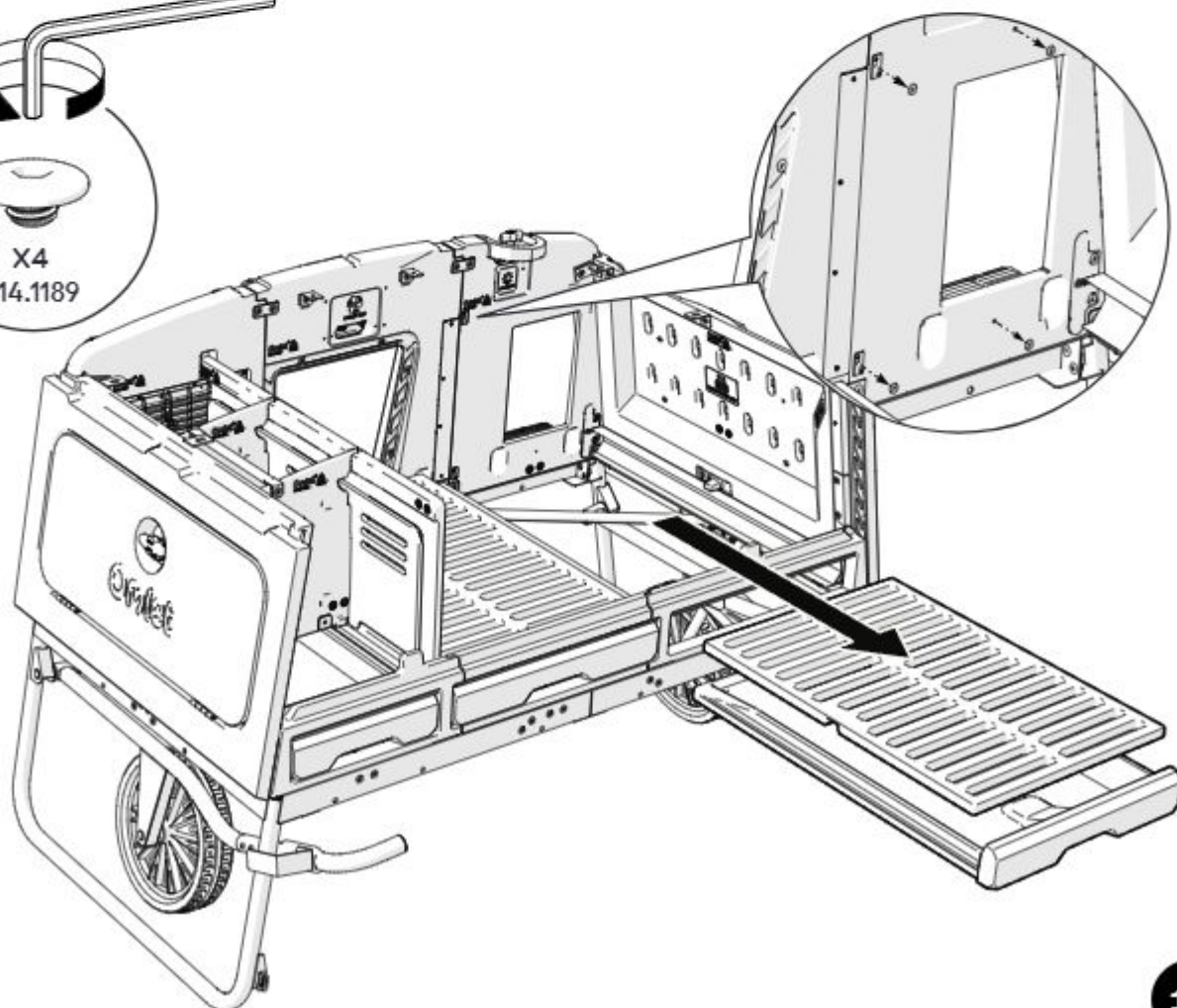
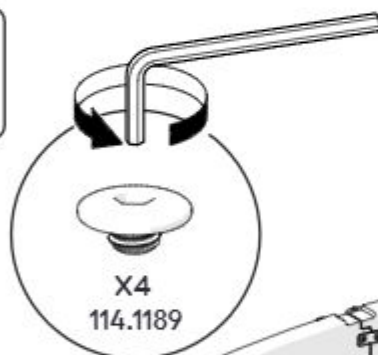


15

Roof removal optional



16



17

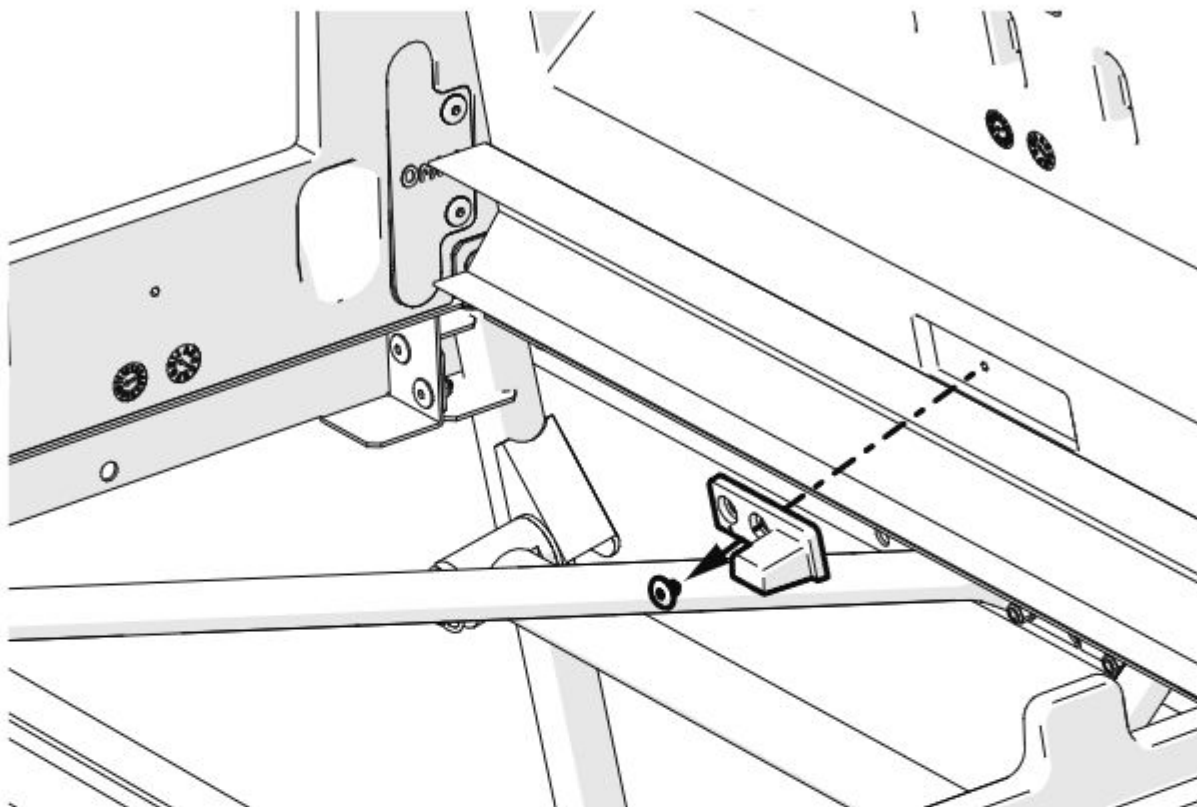
Keep the Parts safe until Step 18



X1  
064.1143



X1  
800.0240



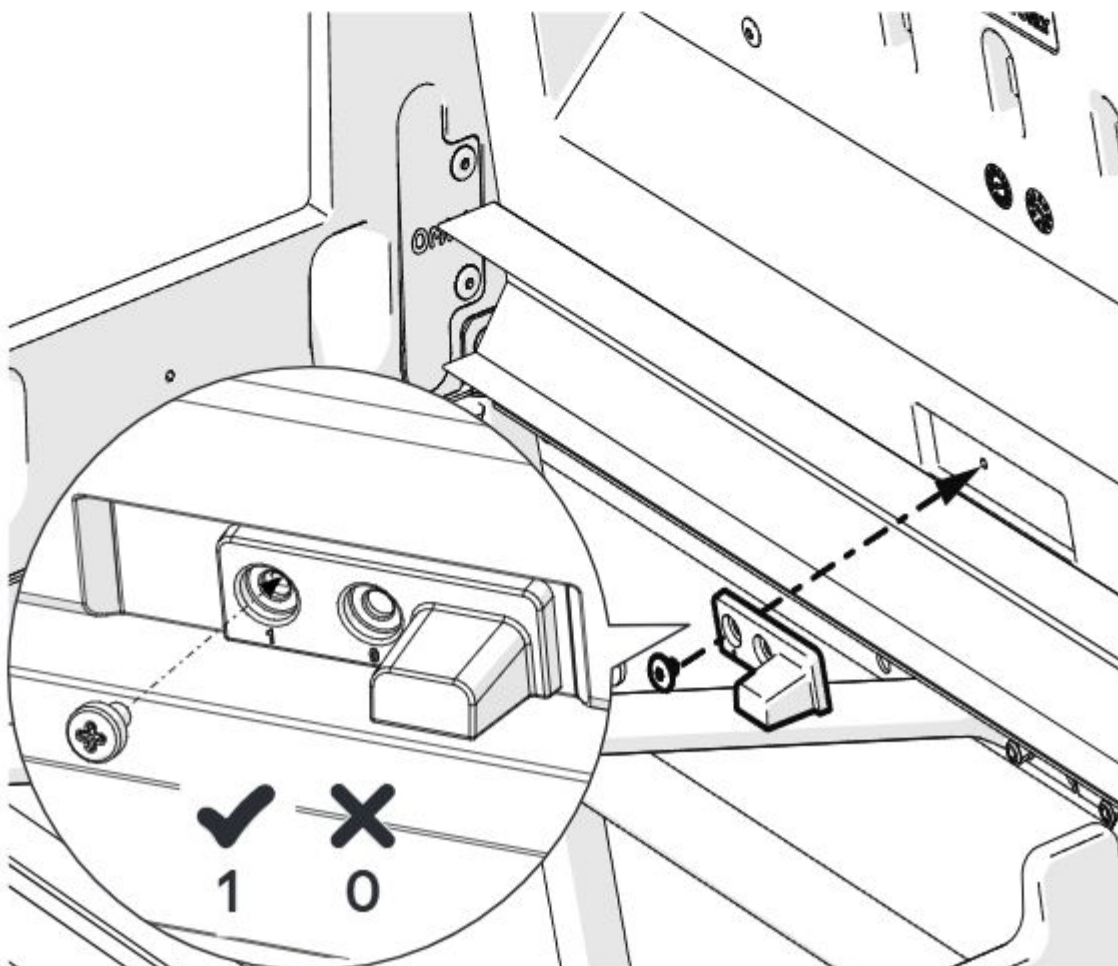
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X1  
800.0240



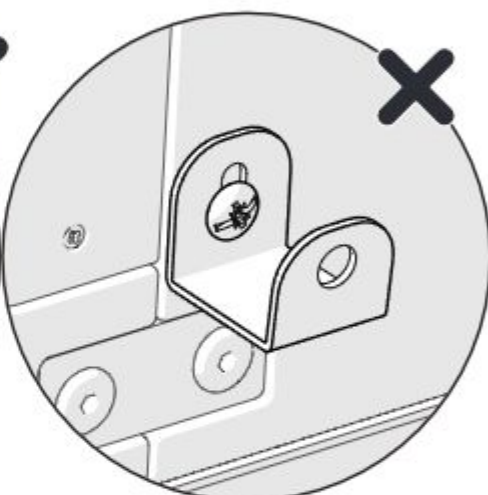
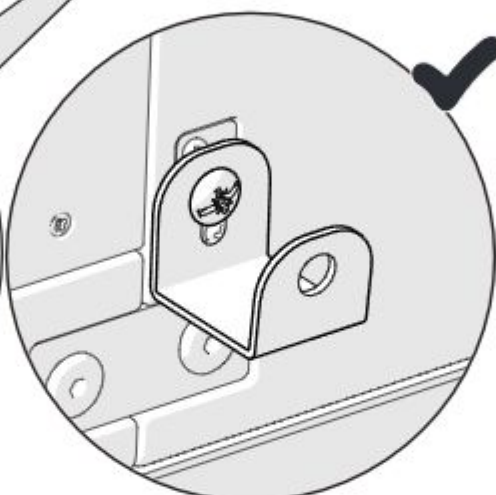
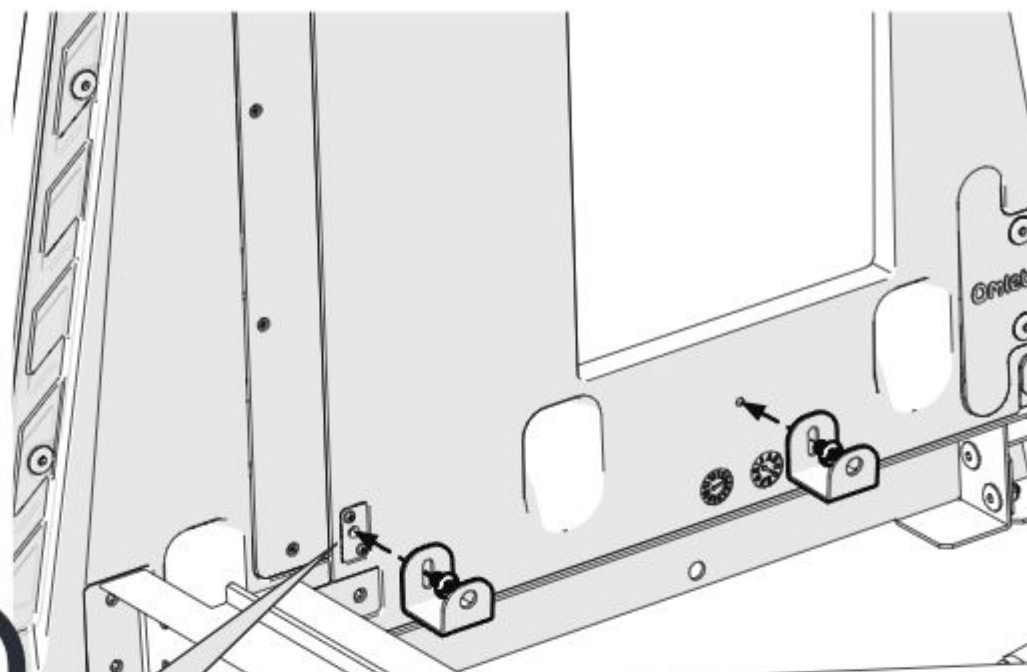
X1  
064.1143



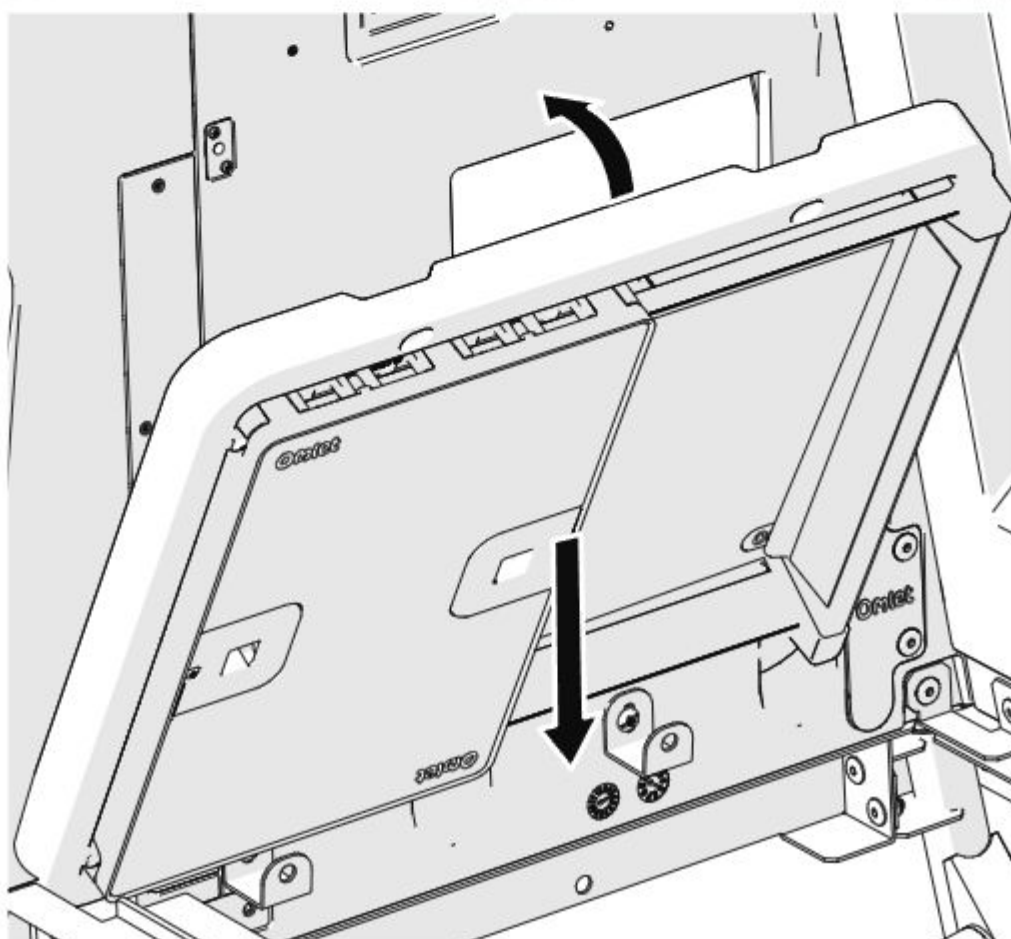
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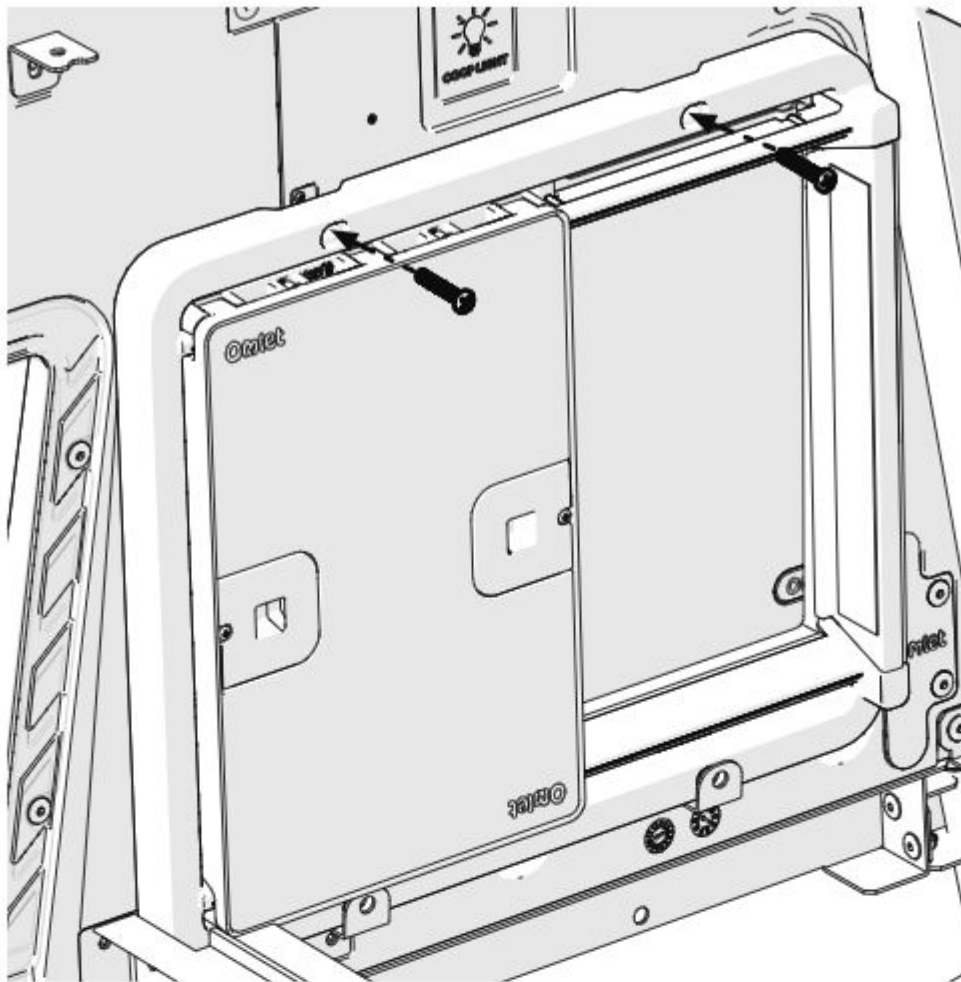
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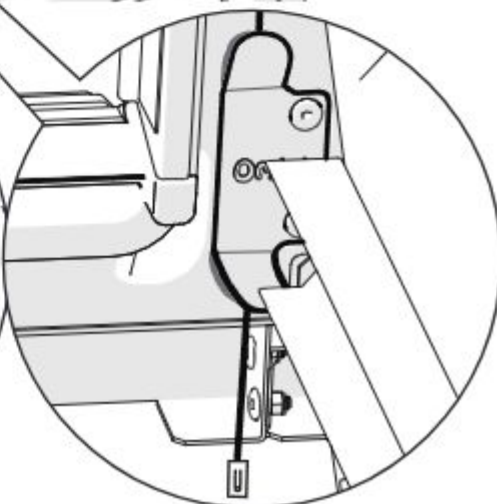
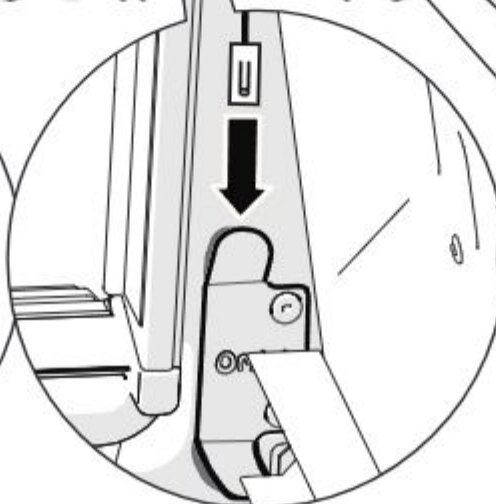
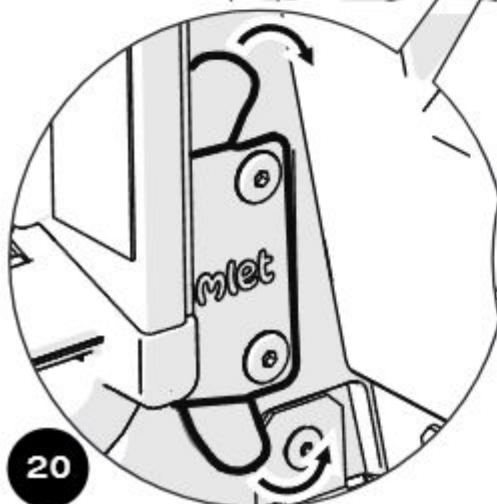
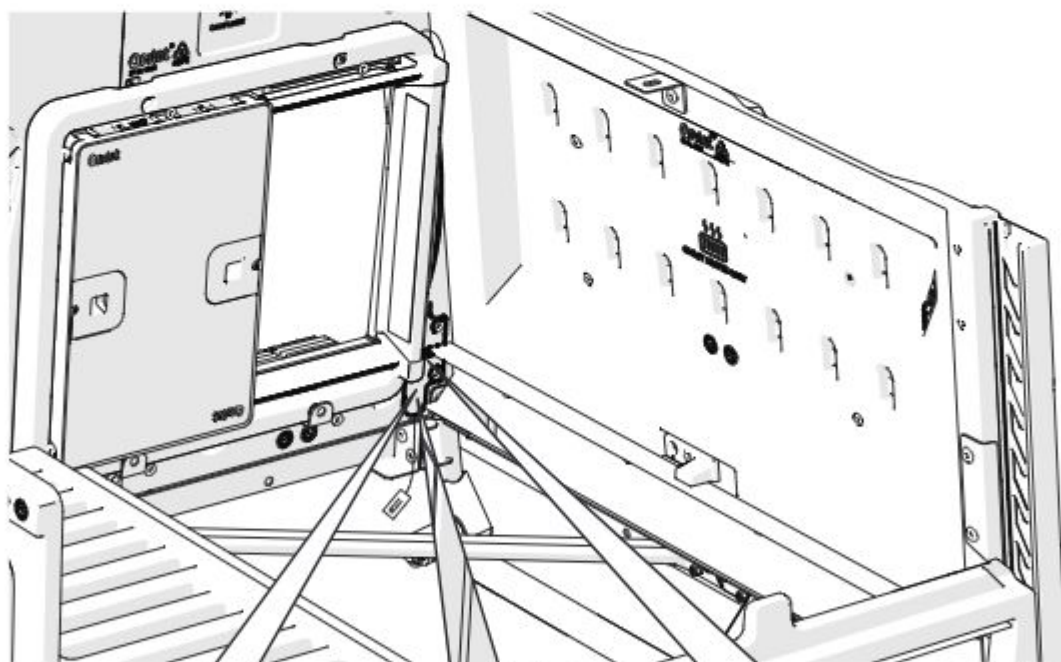
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21

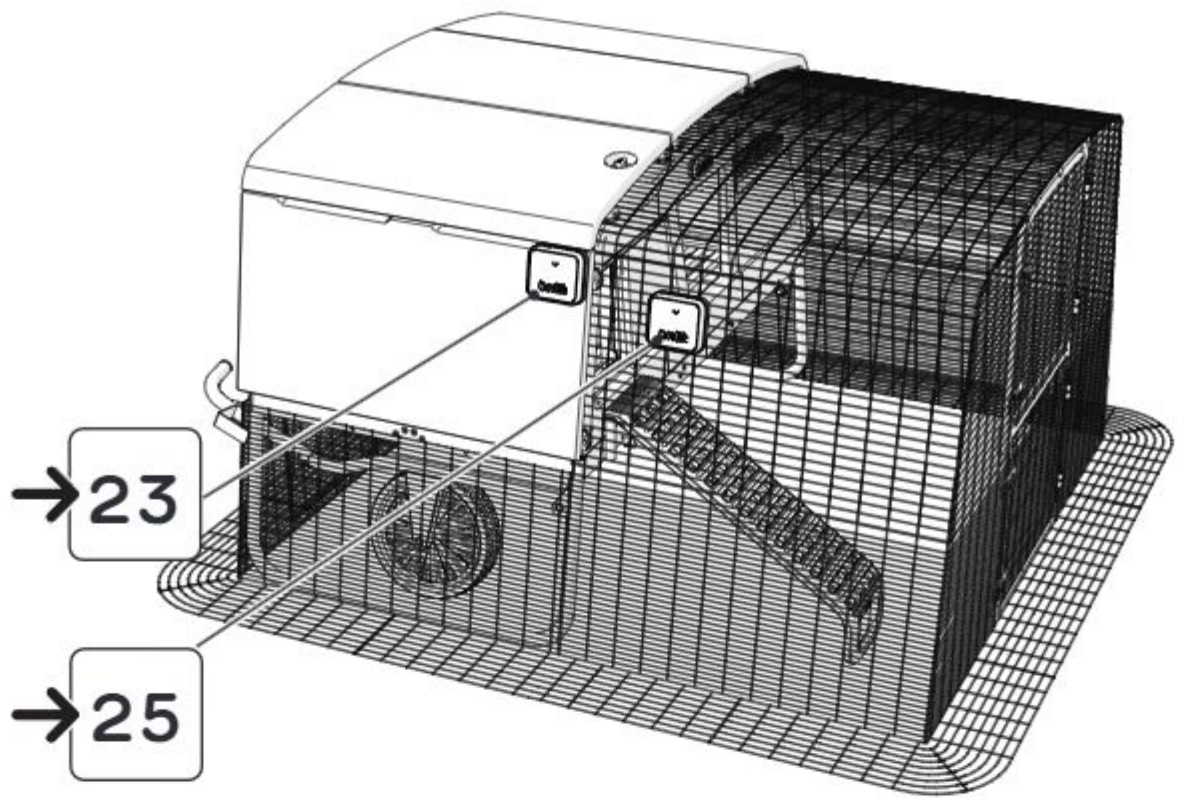


22



20

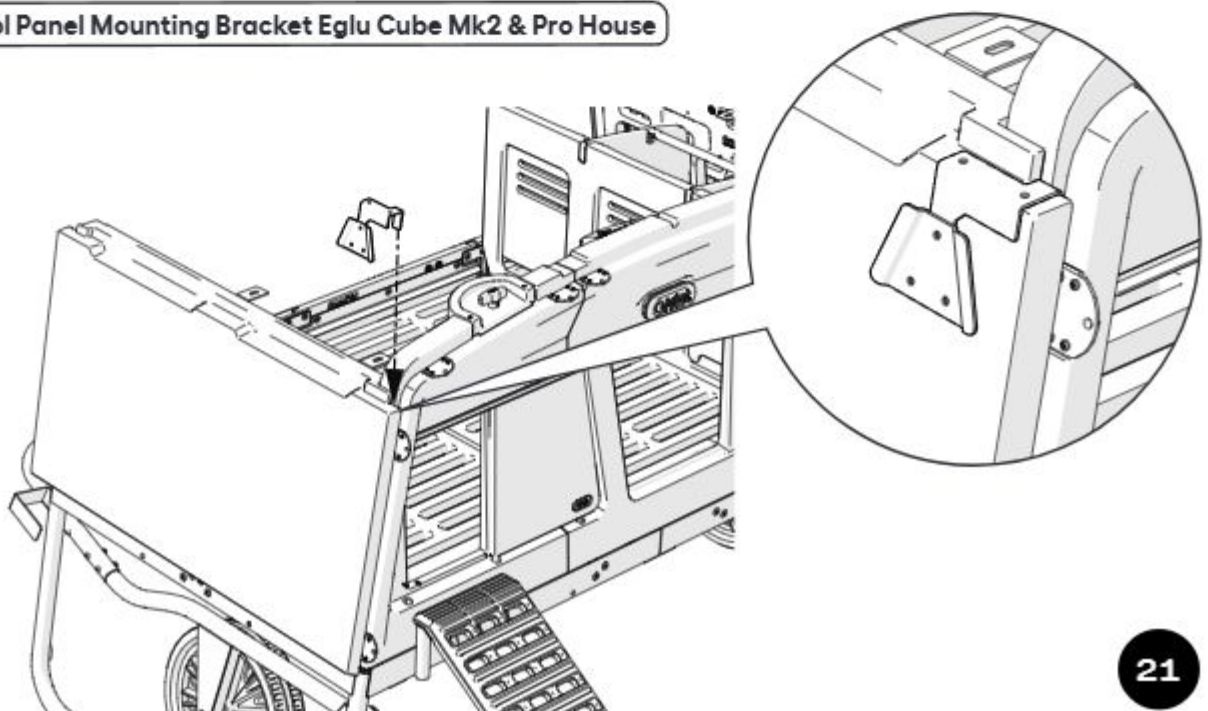




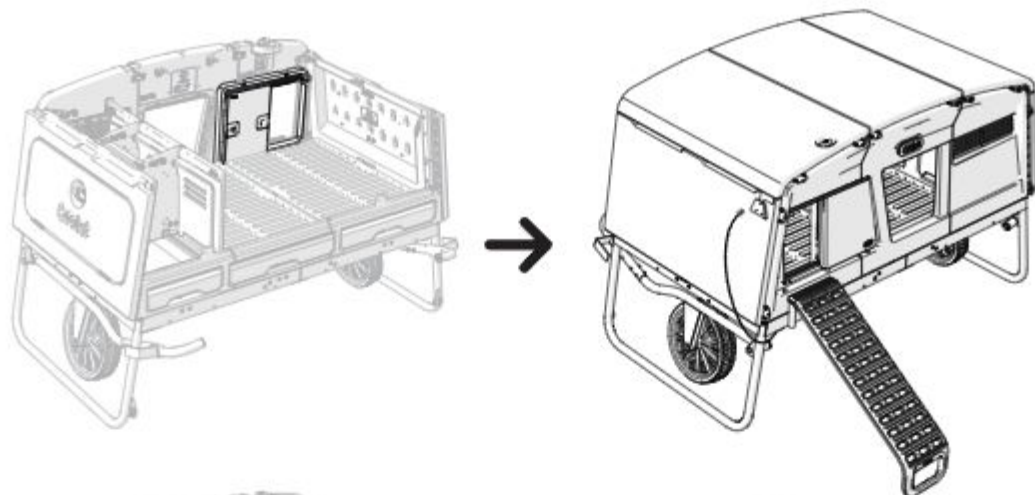
**23**

If you haven't removed the roof, you can remove one bolt at the front and pull the corner up to slide the bracket on.

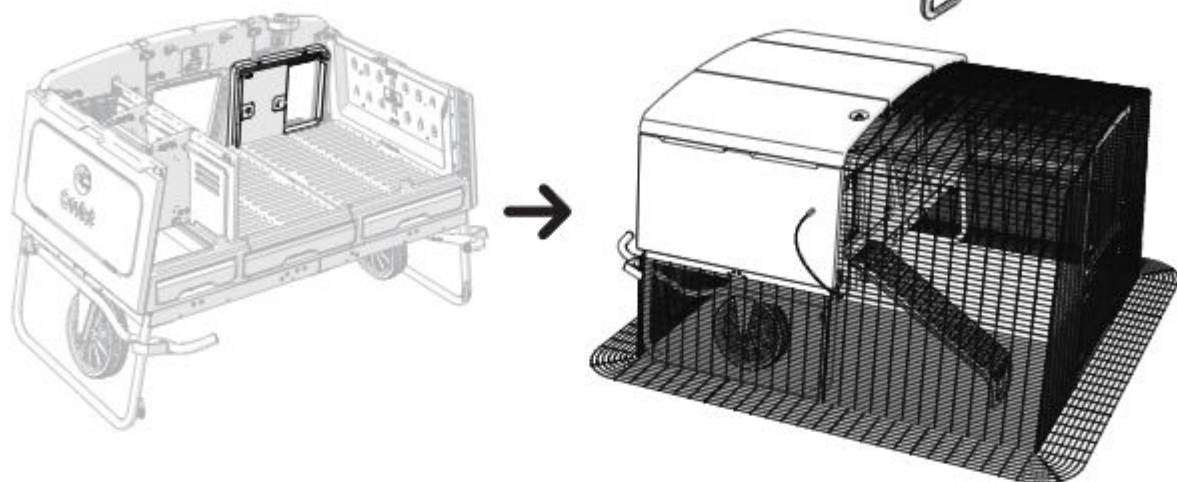
**+** 014.0056: Control Panel Mounting Bracket Eglu Cube Mk2 & Pro House



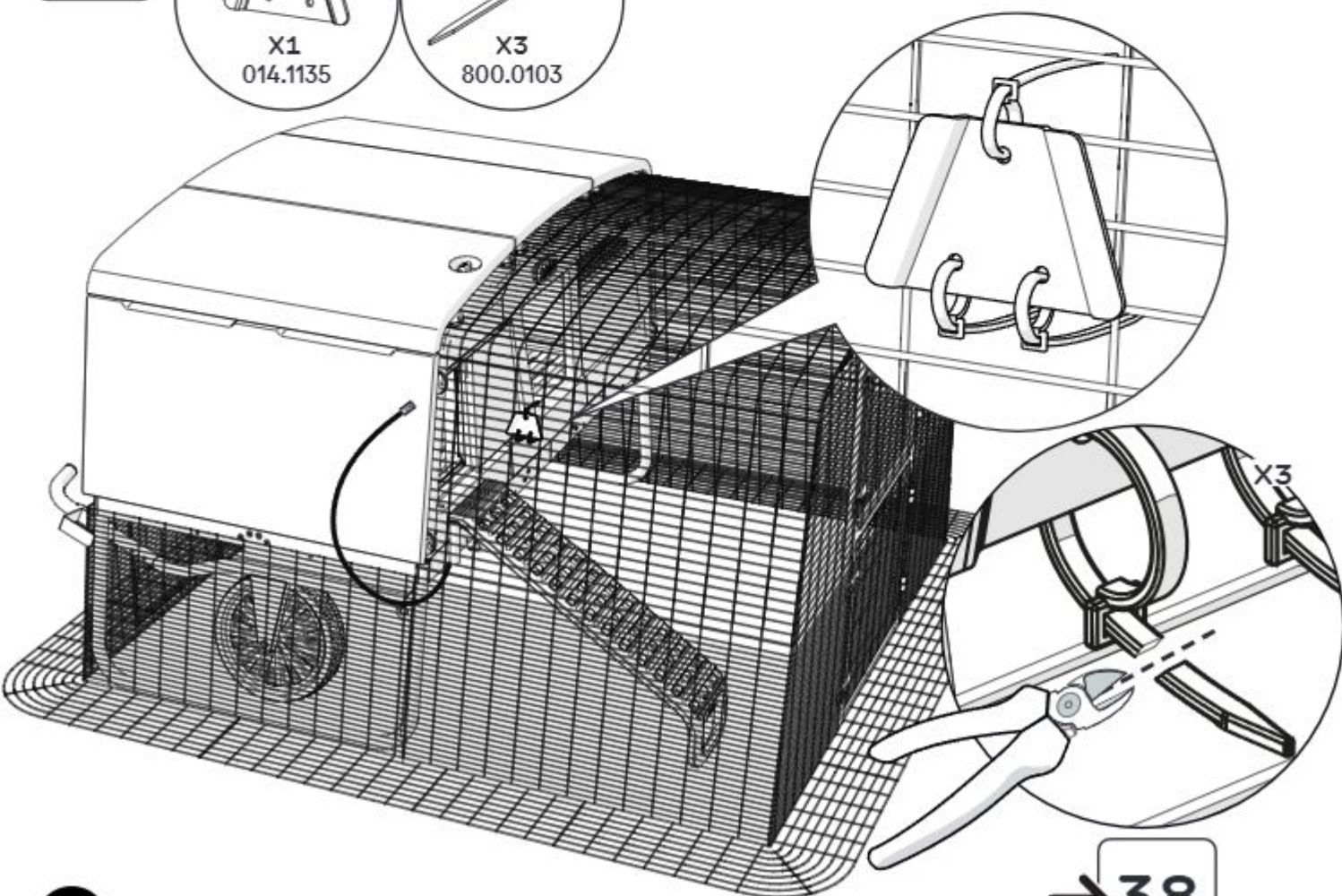
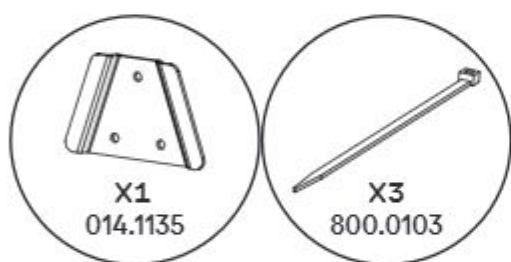
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25



26



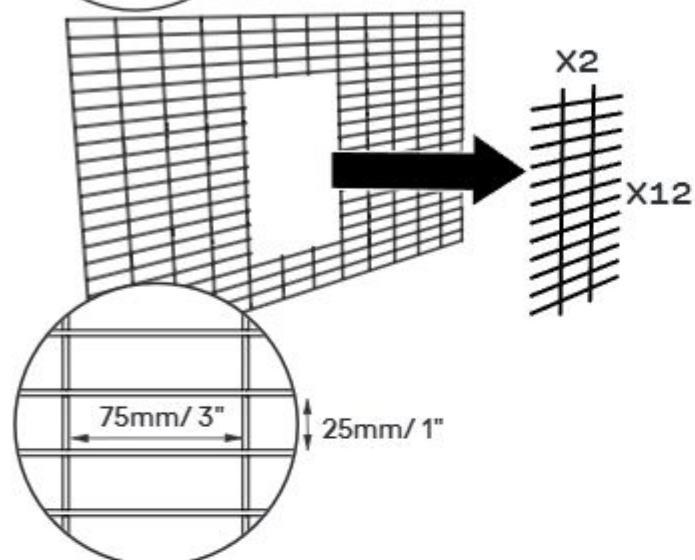


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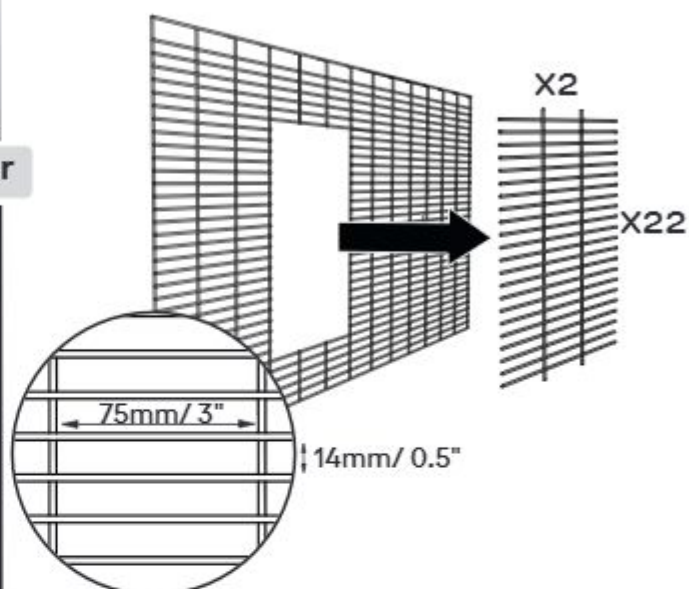
Attach the door to Omlet mesh



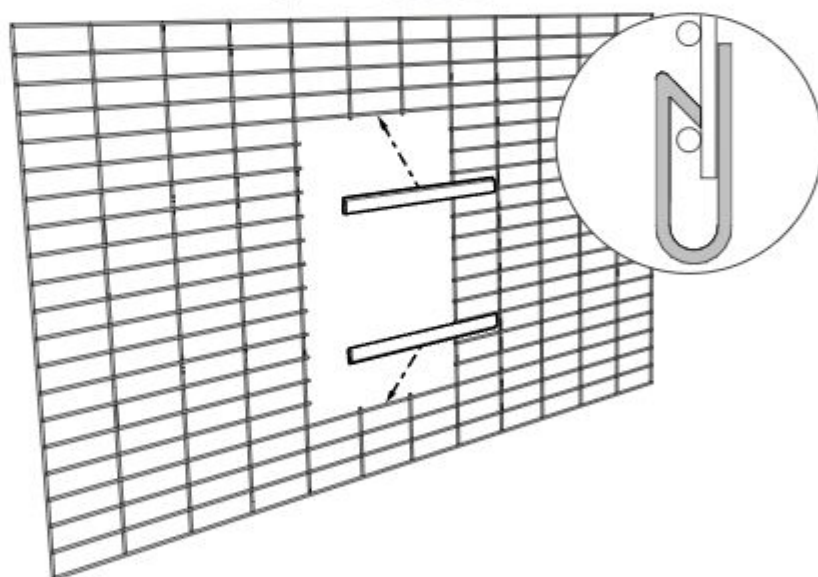
810.0074 Mesh Edge Protector Kit



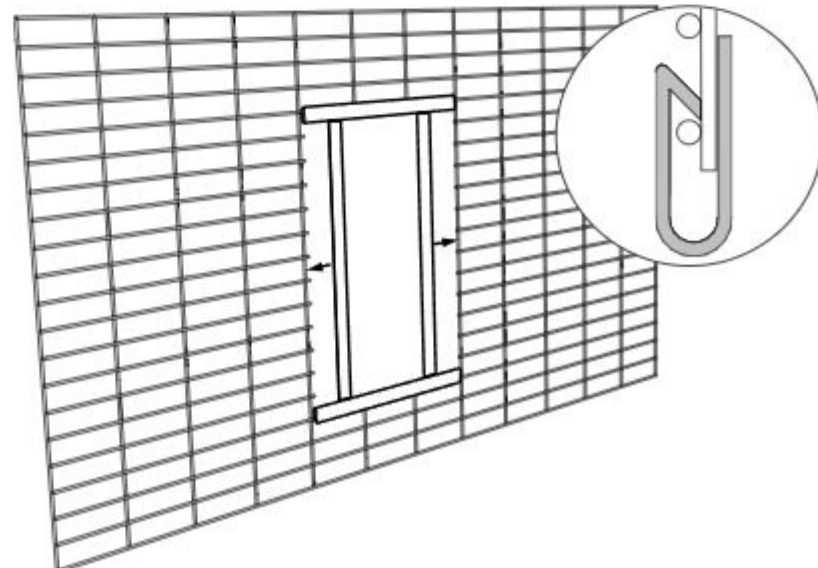
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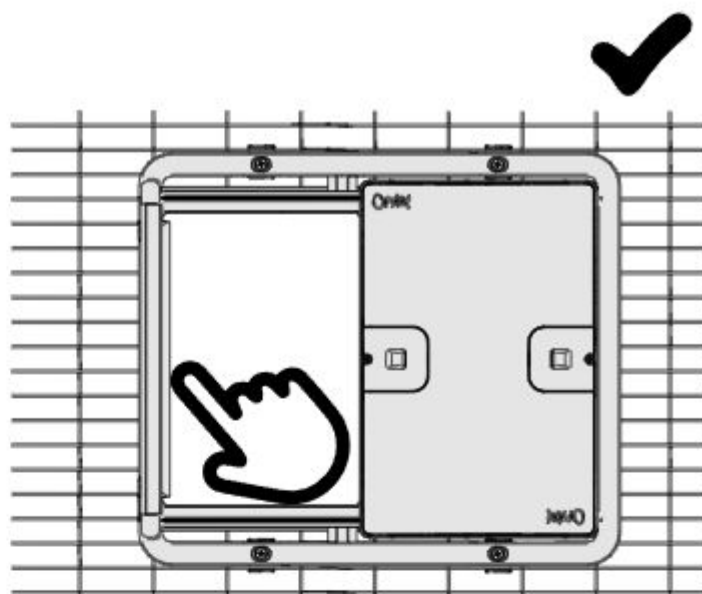
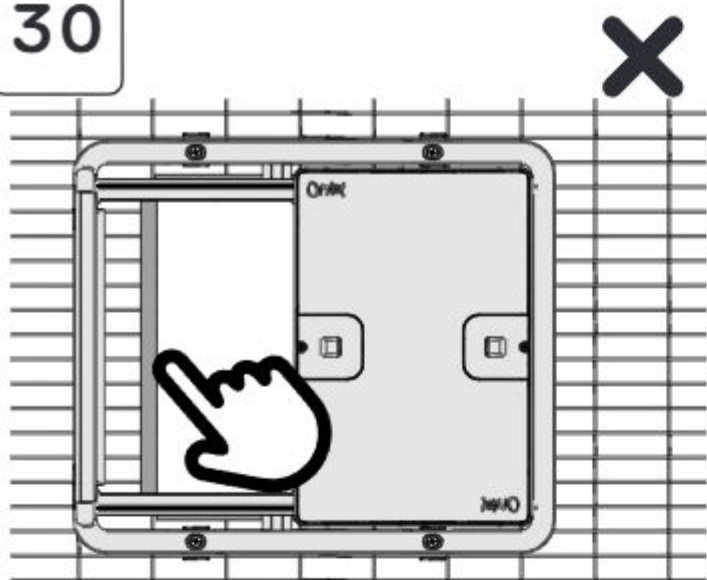


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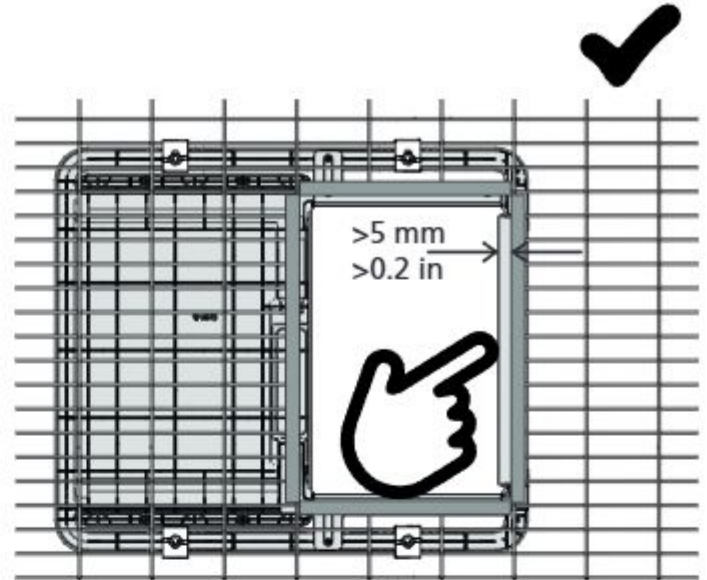
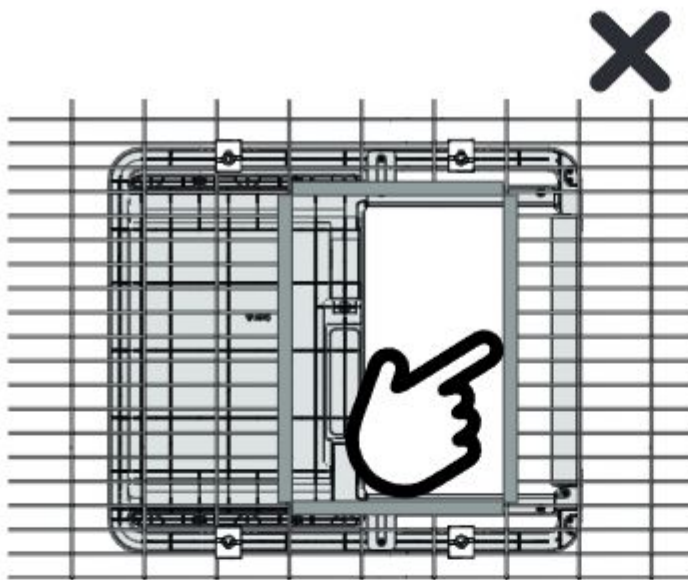


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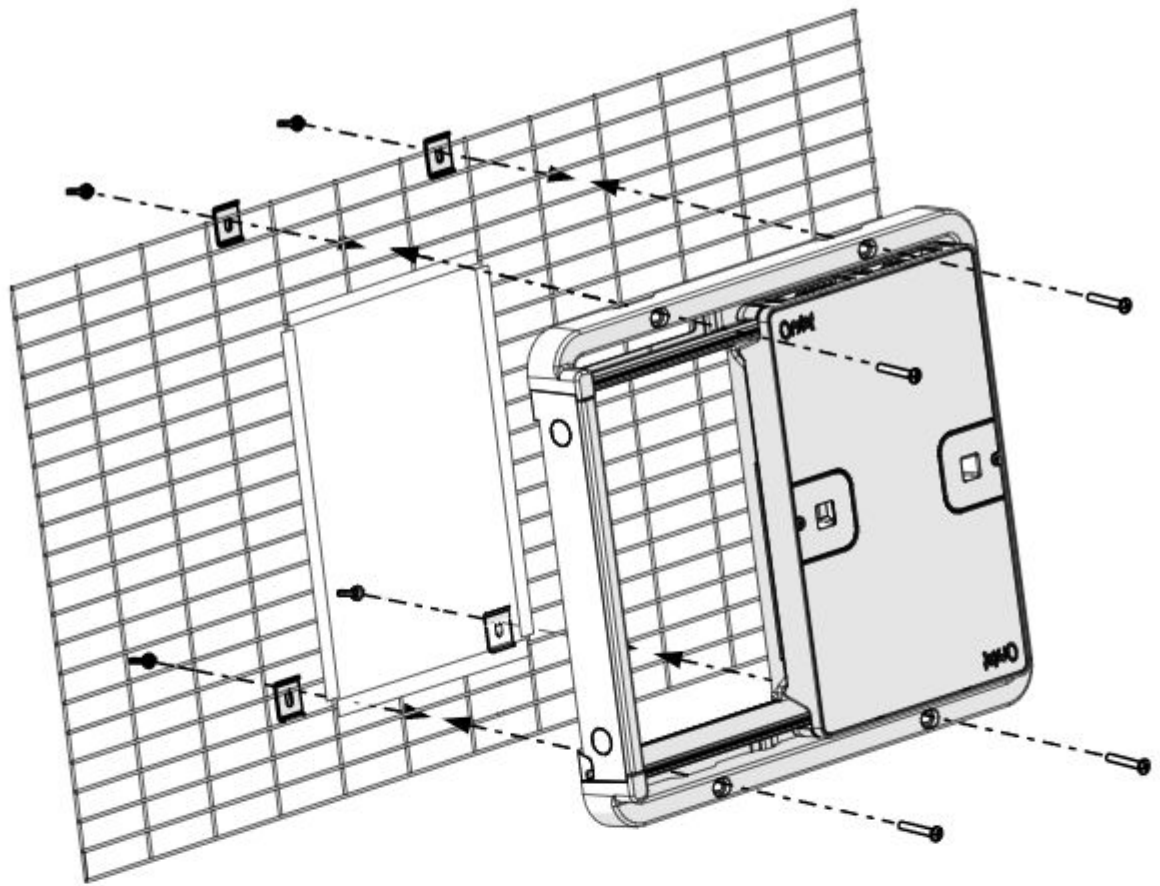
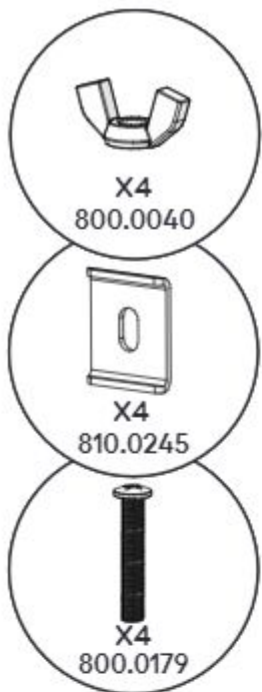
The safety sensor bar which detects if an object is blocking the door from closing will only work properly if the door is installed correctly. In the image to the left the opening of the coop is smaller than the opening of the Autodoor. In this case the Autodoor's safety sensor bar might not operate correctly. To solve this move the Autodoor so that the opening is set back from the edge of the safety bar by at least 0.2 in (5 mm) like in the picture to the right...



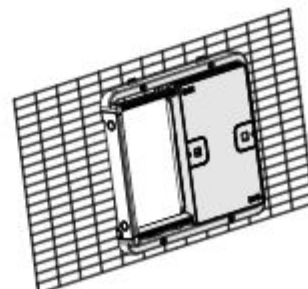
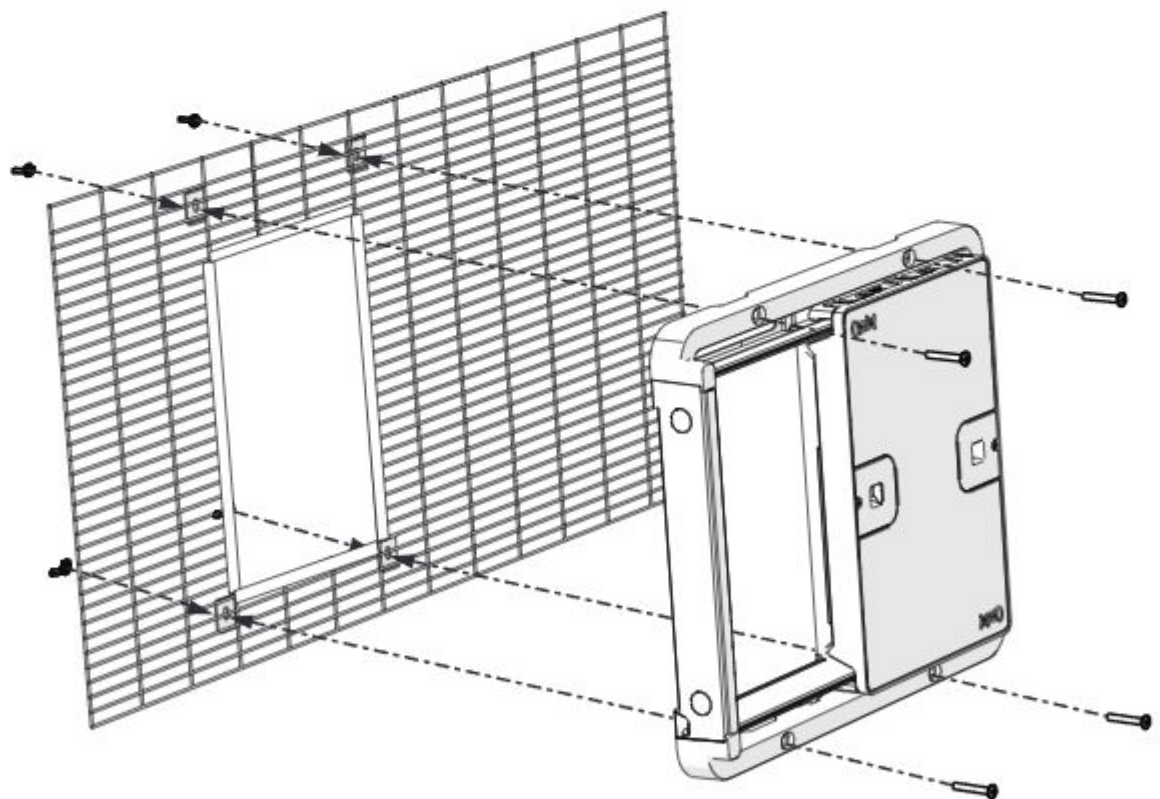
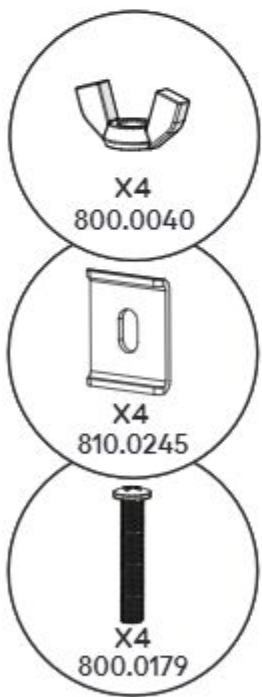
...Seen from the other side, you can also see the opening of the coop is not obstructing the safety bar. You can watch the installation video by scanning the code or visiting:  
[www.omlet.co.uk/instructions](http://www.omlet.co.uk/instructions)







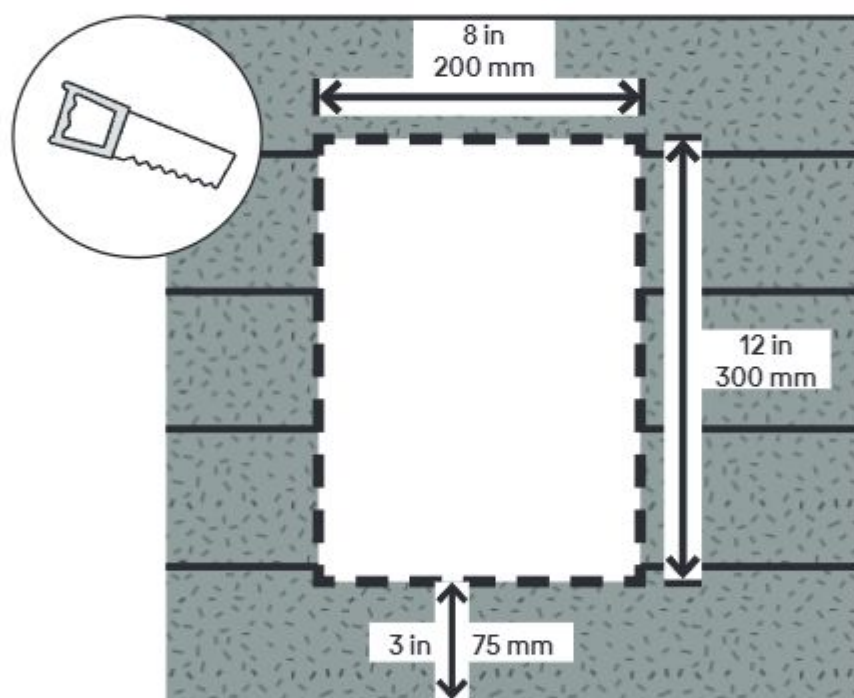
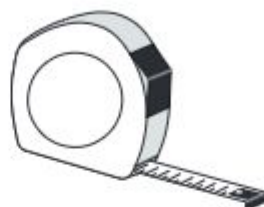
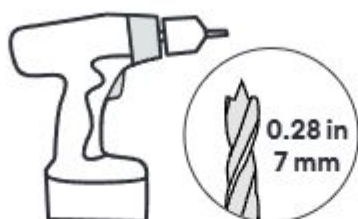
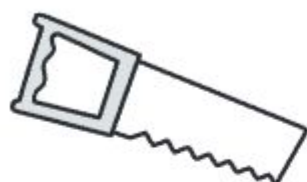
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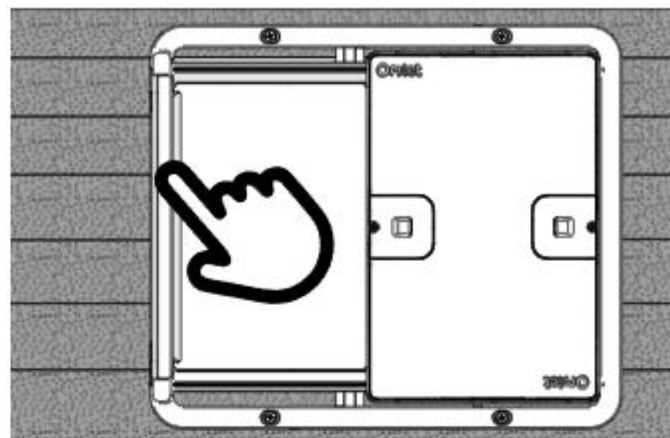
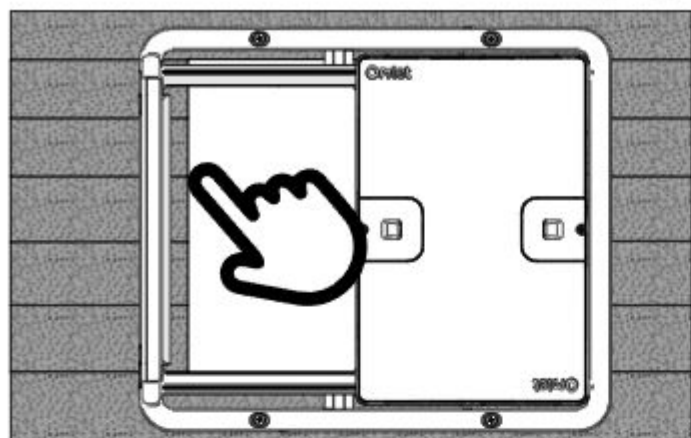


→ 38



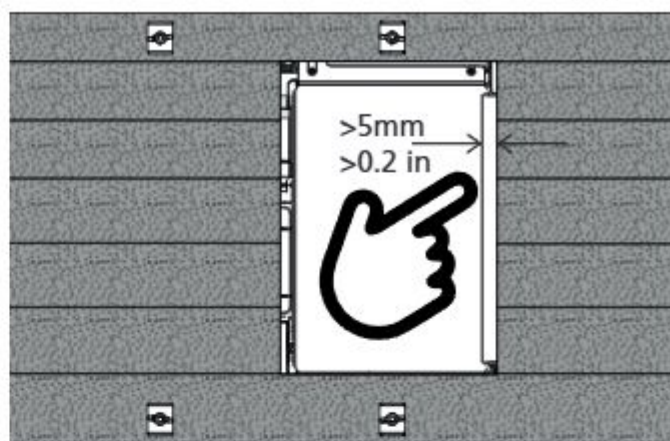
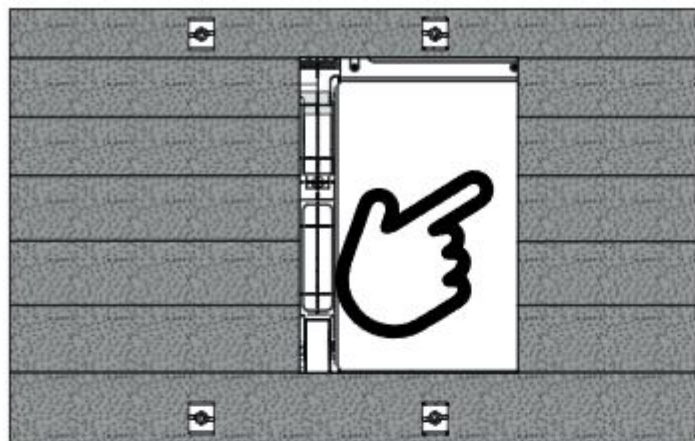
You will need...





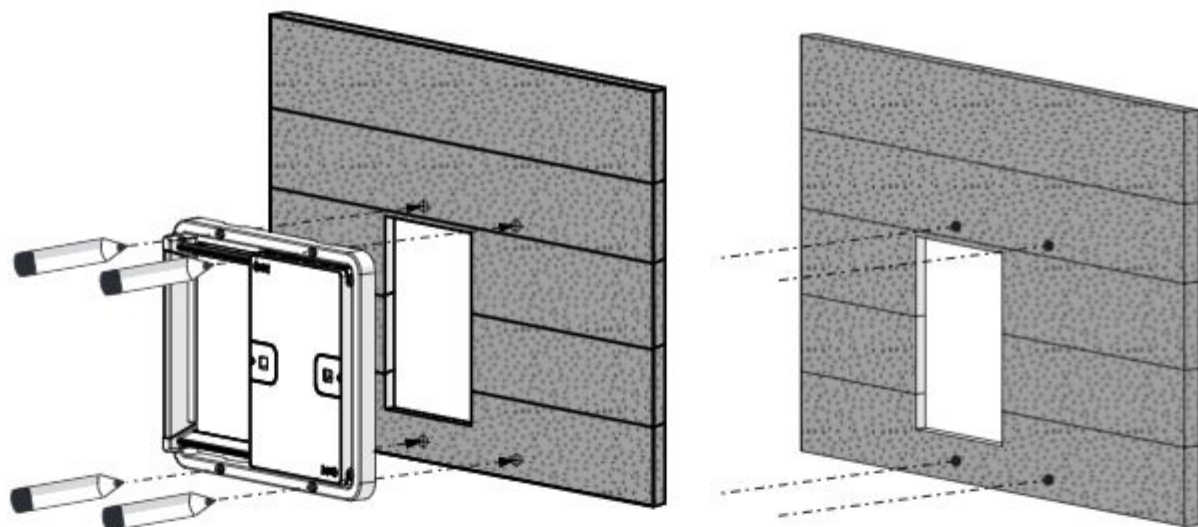
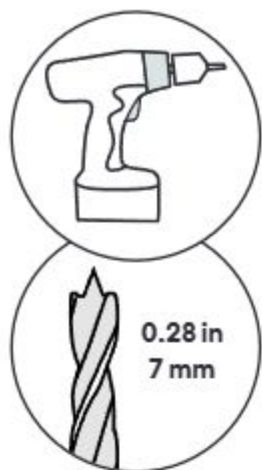
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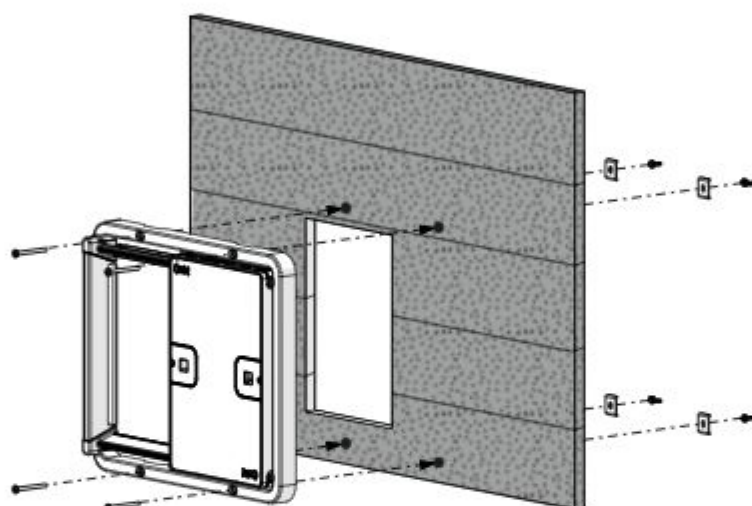
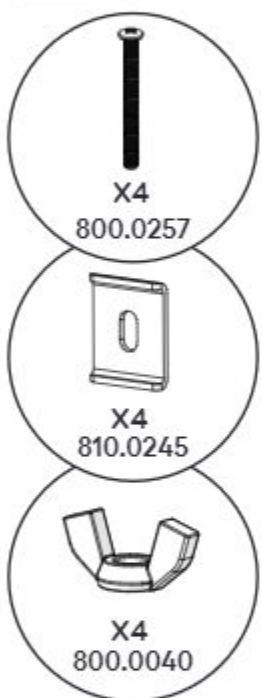


...Seen from the other side, you can also see the opening of the coop is not obstructing the safety bar. You can watch the installation video by scanning the code or visiting: [www.omlet.co.uk/instructions](http://www.omlet.co.uk/instructions)

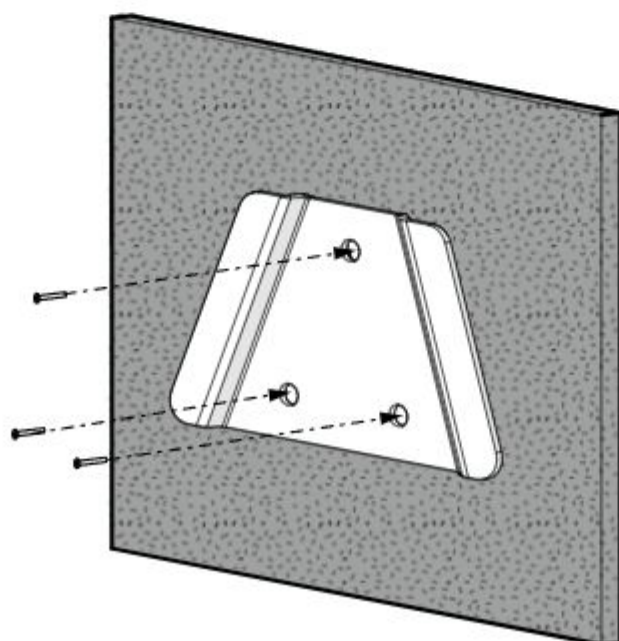




33



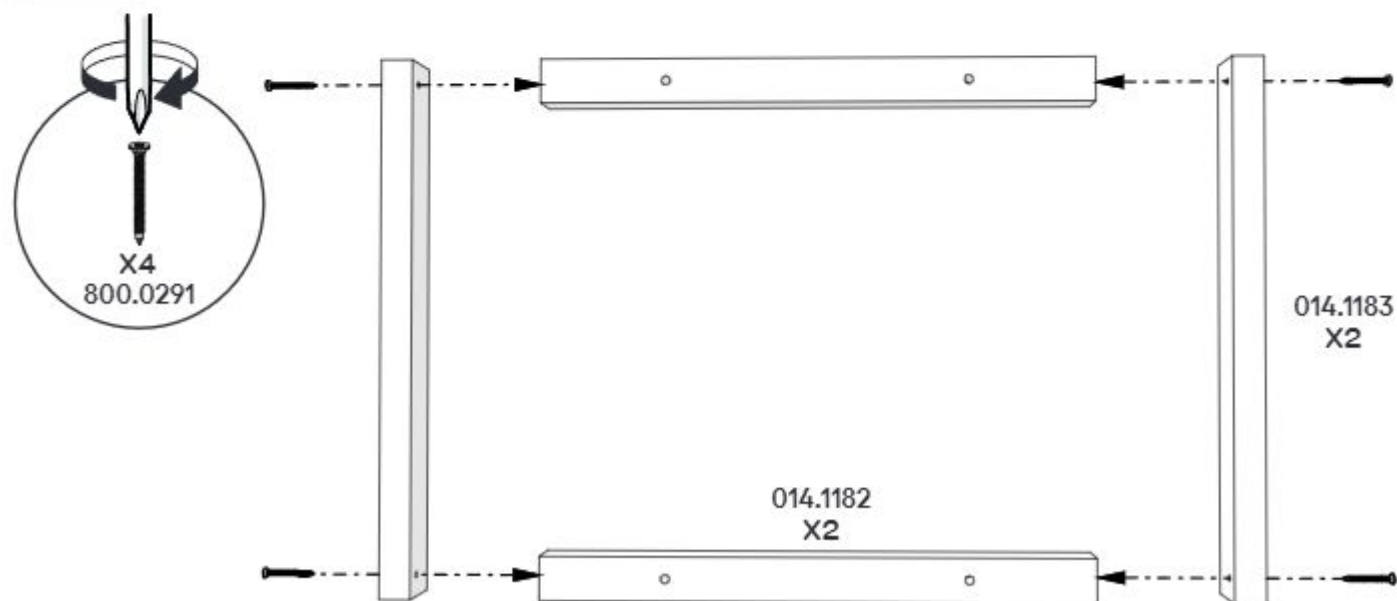
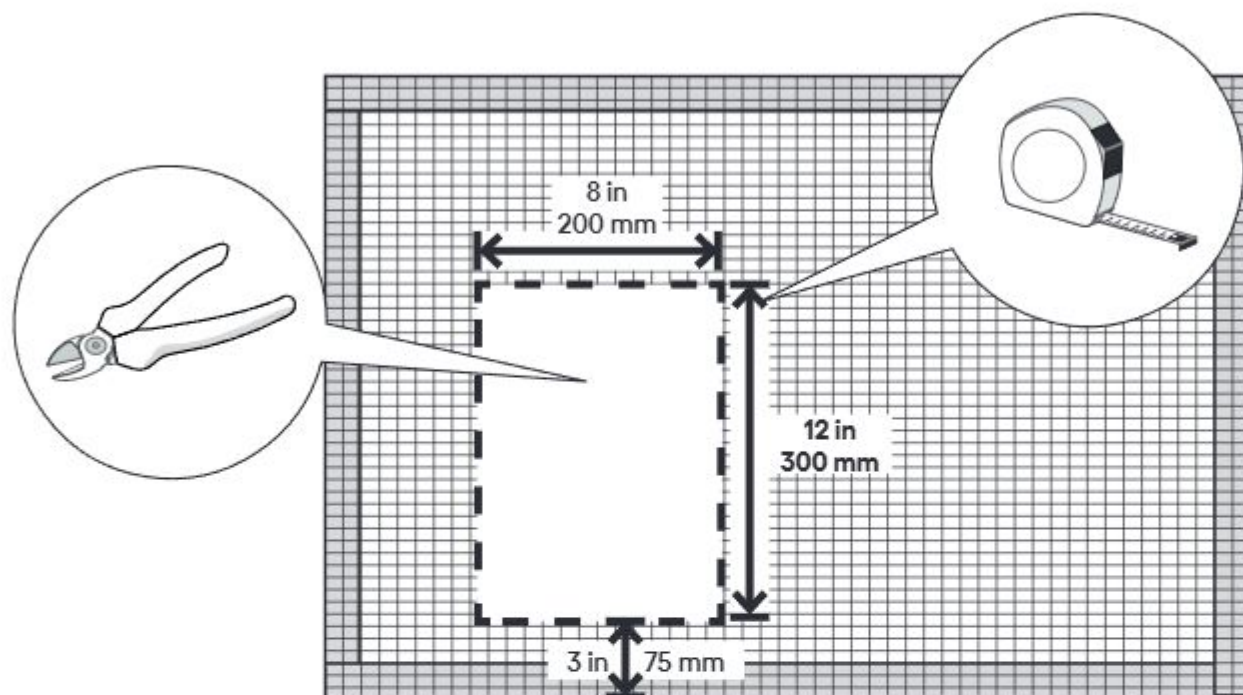
34



→ 38

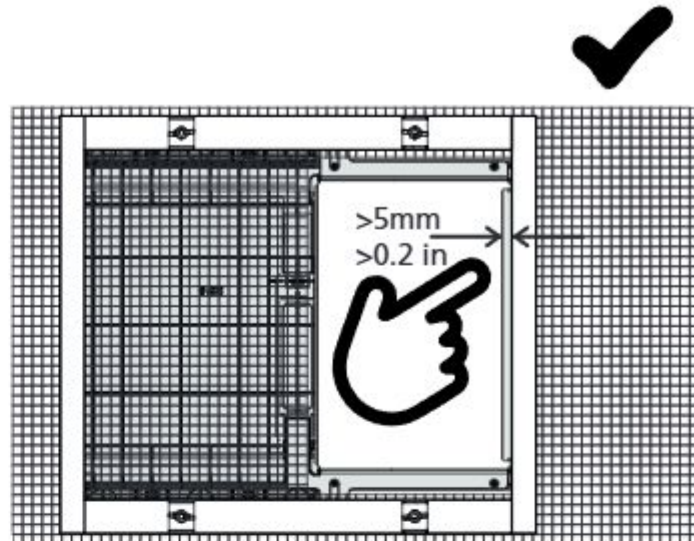
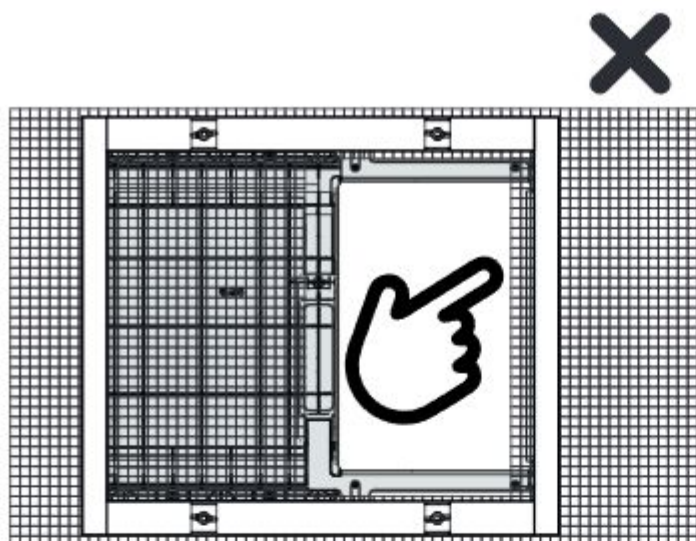


+ 014.0072: Auto Door Wooden Coop Mesh Mounting Kit





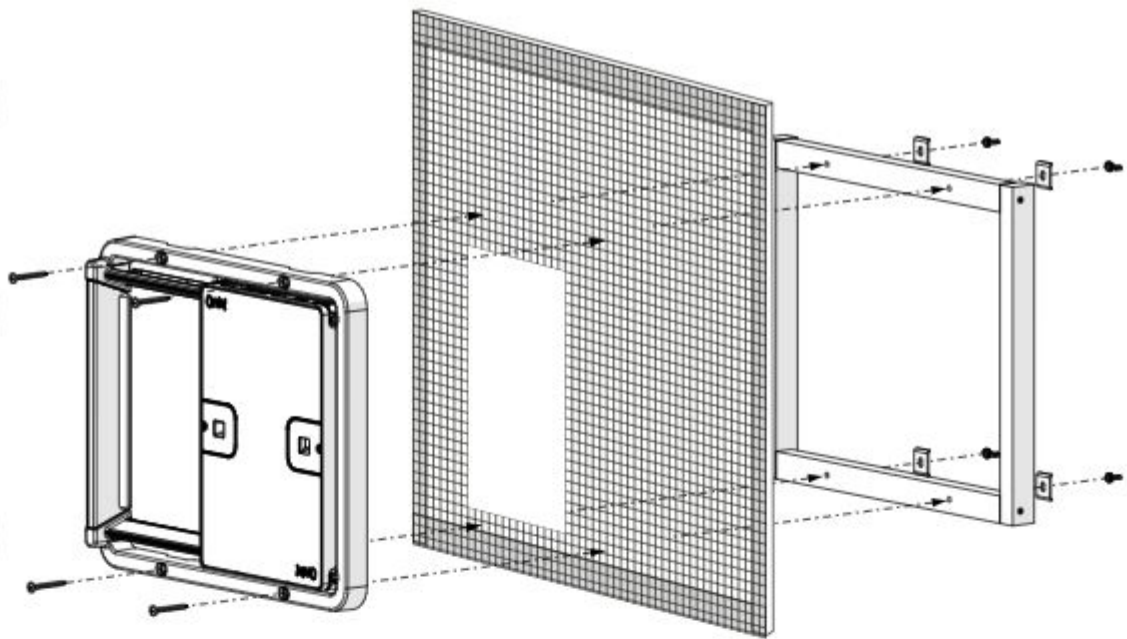
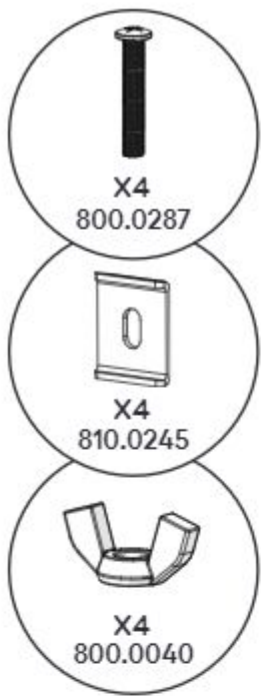
The safety sensor bar which detects if an object is blocking the door from closing will only work properly if the door is installed correctly. In the image to the left the opening of the coop is smaller than the opening of the Autodoor. In this case the Autodoor's safety sensor bar might not operate correctly. To solve this move the Autodoor so that the opening is set back from the edge of the safety bar by at least 0.2 in (5 mm) like in the picture to the right...



...Seen from the other side, you can also see the opening of the coop is not obstructing the safety bar. You can watch the installation video by scanning the code or visiting:  
[www.omlet.co.uk/instructions](http://www.omlet.co.uk/instructions)

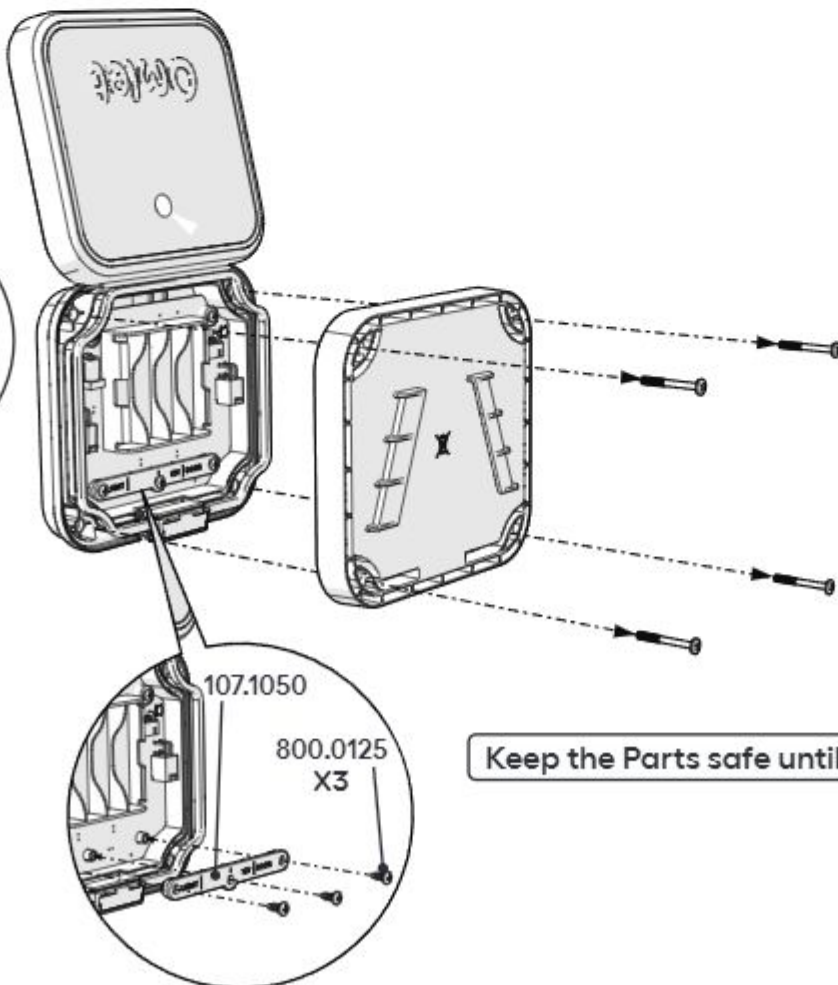






## Assemble the control panel

38



Keep the Parts safe until Steps 40-41



39

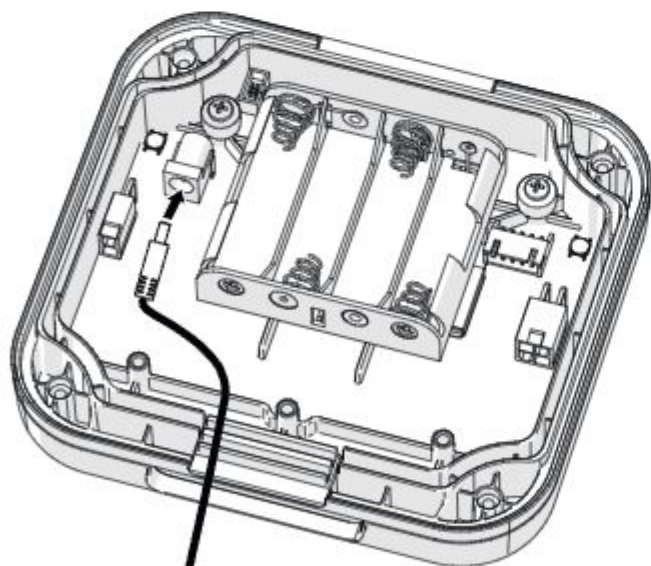
To power your Control Panel you can use batteries or the Omlet Power Adaptor. The power supply is required to enable responsive mode when connected to Wifi. Do not use both options simultaneously.



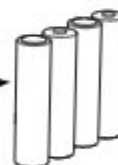
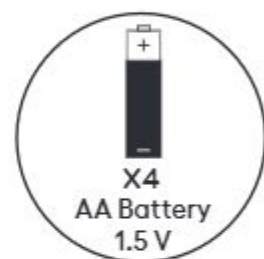
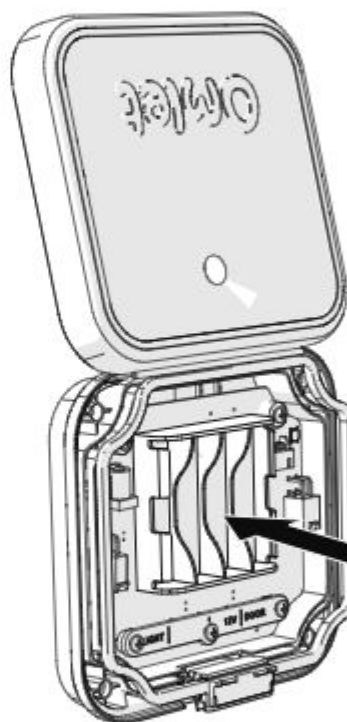
Omlet Power Adaptor available separately



or



Omlet 12V Power  
Supply  
X1



Check your batteries every 3 months. Always use 4 batteries of the same brand and energy level.

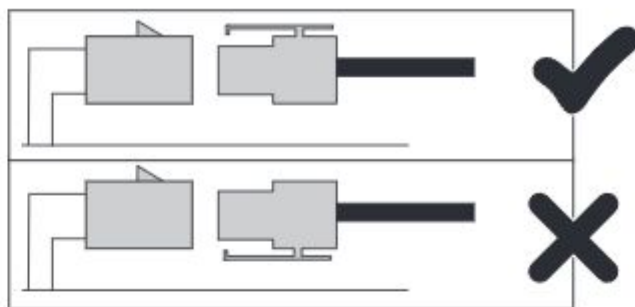
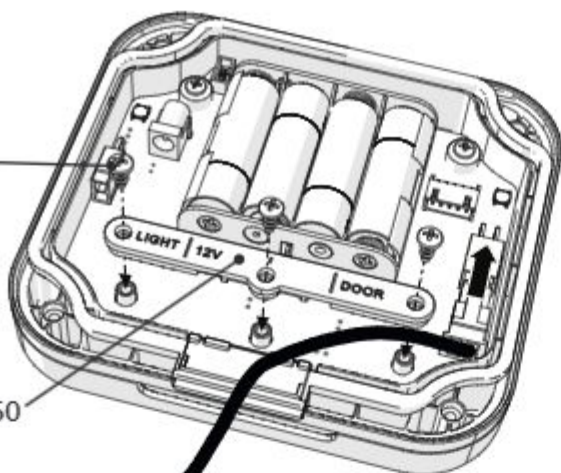


40

800.0125  
X3

107.1050

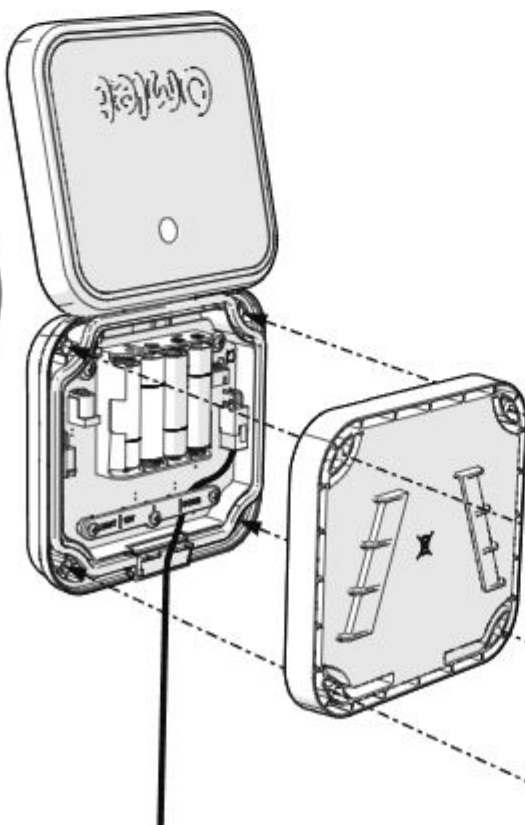
014.1180



If you have a Coop Light, refer to Coop Light instruction manual now or scan the code or visit: [www.omlet.co.uk/instructions](http://www.omlet.co.uk/instructions)

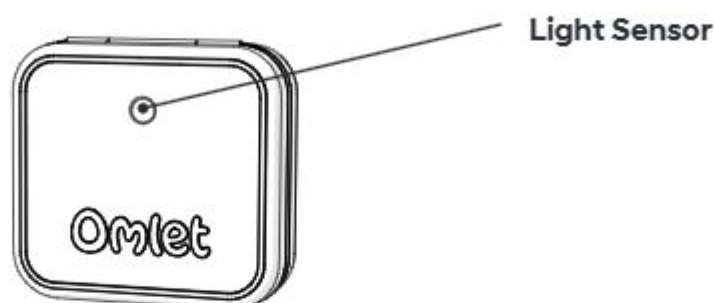


41

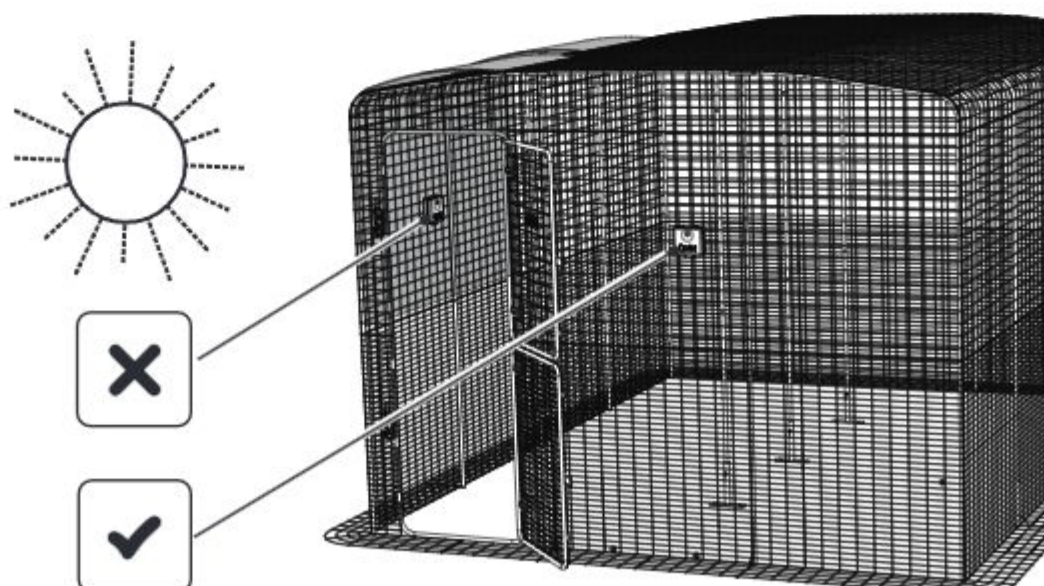




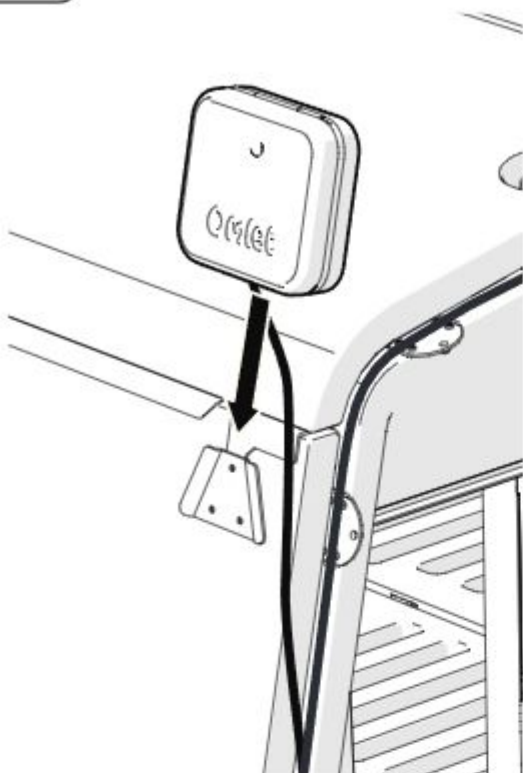
Mount the Control Panel so that the Light Sensor can receive natural light throughout the day.



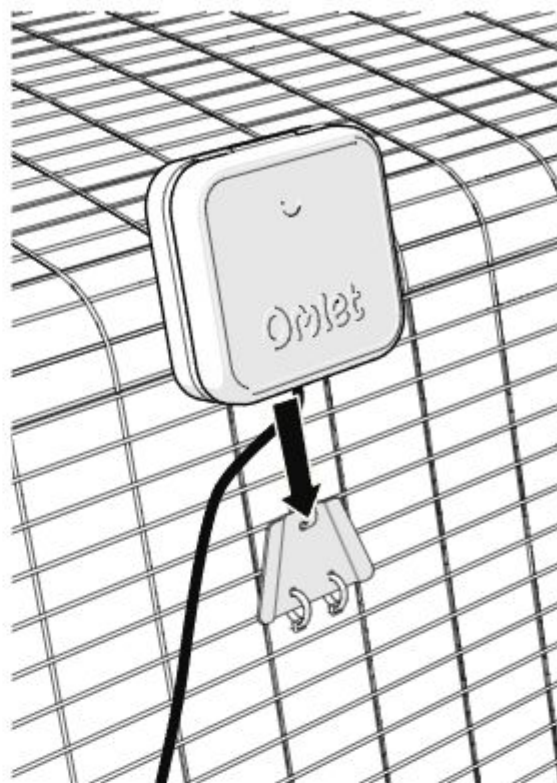
Do not put the Control Panel under cover. Be aware, weather conditions, orientation, seasonal light levels and artificial lights around the house and garden can also significantly affect the light



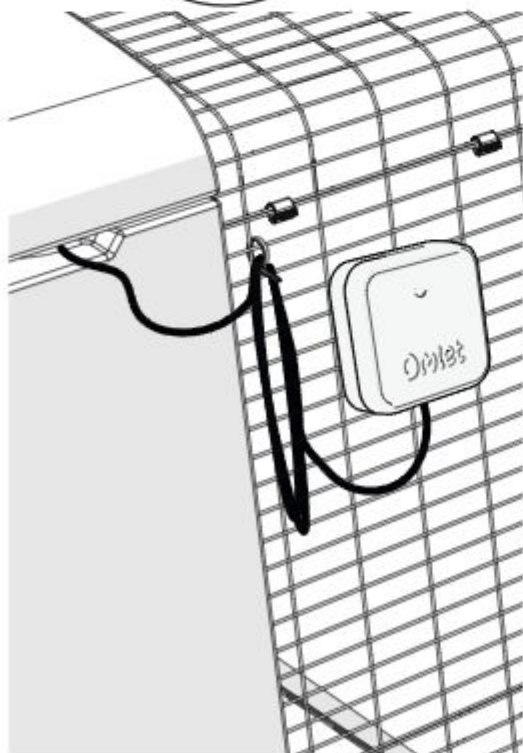
43



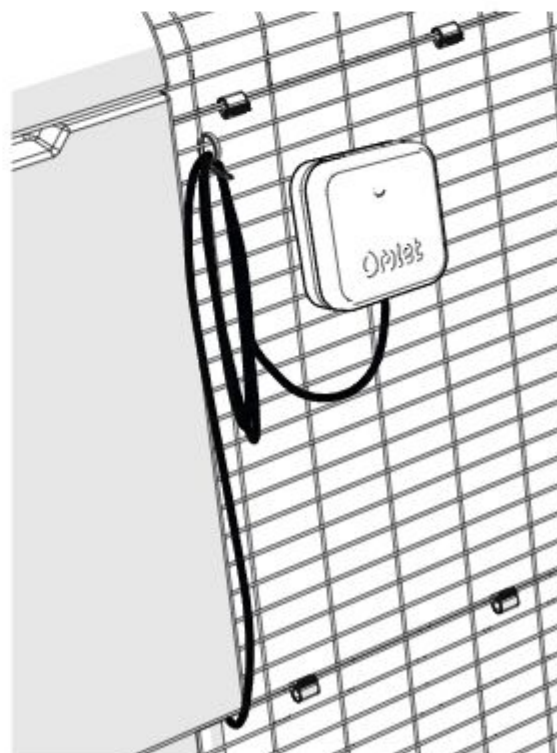
or

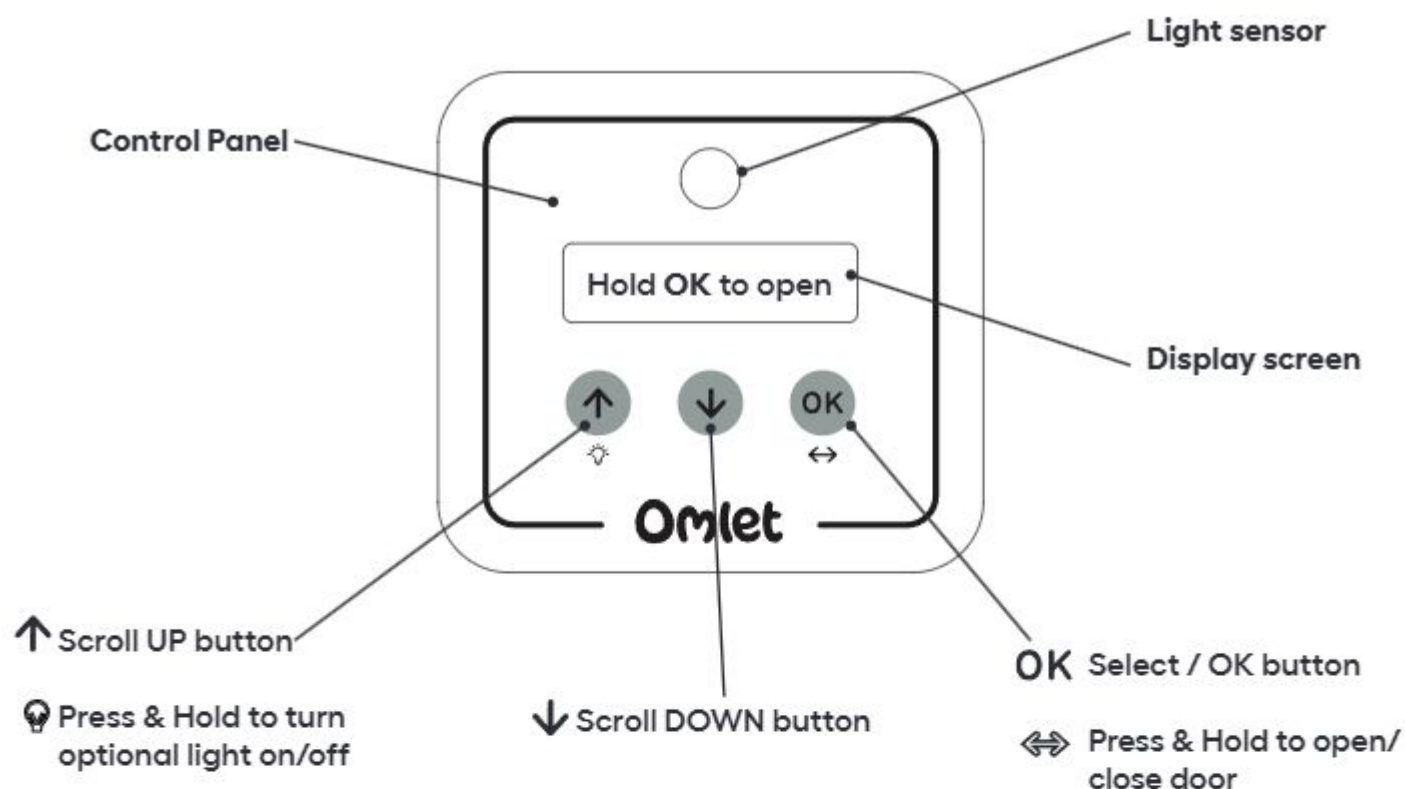


44



or





## 45

### Controlling your Auto Door



## 46

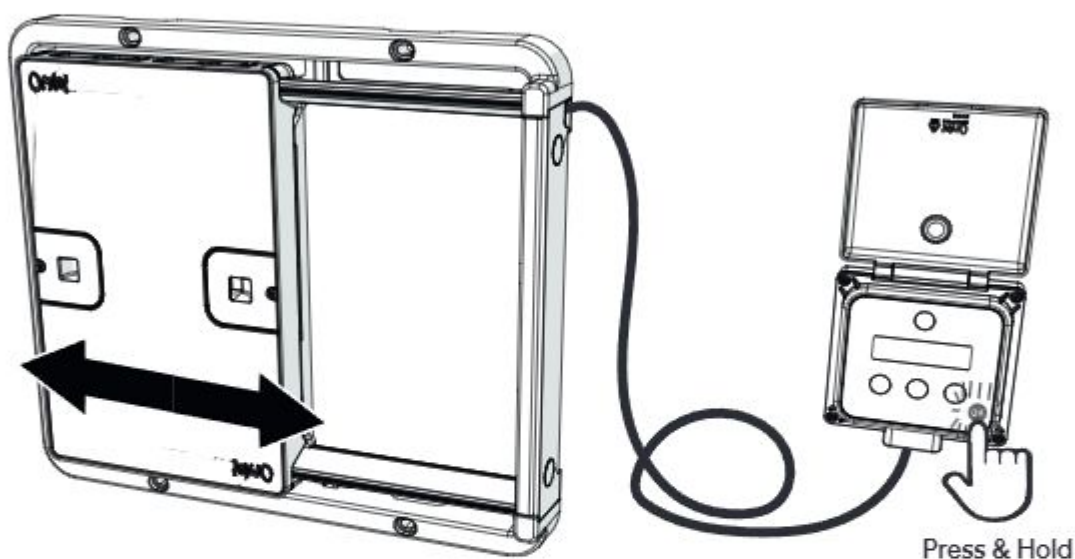
## Calibration

When you plug your Autodoor in for the first time, it will need to detect the door position. Press & Hold **OK** button.

The Autodoor will automatically calibrate itself by sliding the door once in each direction. Please ensure the Autodoor is not blocked during calibration.

During Calibration the control panel will read:

Calibrating...



## 47

## Optional: Change Language

1. Press the **↓** button to scroll through the menu until you reach this screen:

Language: En

2. Press & Hold **OK** to enable changing the language. The current language will flash

Language: **En**

3. Use **↑** or **↓** to scroll through the languages until you reach the desired language

Language: **En**

4. Press and hold **OK** to confirm the language update

--Saved--

The Automatic Door has 3 modes:

• **MANUAL** - The door will open and close if you Press & Hold button.

OK

→ 49

• **TIME** - You can set the Autodoor to open and close at specific times of the day.

→ 50

• **LIGHT** - This is the default mode. The Autodoor will open using the light sensor.

→ 51

Press any of the three buttons



and the screen will read:

Hold the **OK** button to either open or close the door.

To proceed through the menu press



to scroll up & down through the menu items.

In the Manual Mode menu you see the following:

This displays the battery charge level.

This displays the current Mode setting.

This gives you the option to reset the Control Pack back to its default settings following any changes you make.

Hold to Open

or

Hold to Close

Hold to Open

Battery: 100%


1. Mode: Manual

5. Factory Reset




The Automatic Door uses the 24-hour clock, to prevent any ambiguity. The time is reset when the batteries are removed or a power outage occurs during mains operation. If the door is not connected to the Wi-Fi, it automatically switches to light mode. The mode and time must then be reset manually.

### Setting the Mode

1. Press  for a short time to scroll through the options until you reach the mode

1. Mode: Manual

2. Press & Hold  to enable changing the value. The current mode will flash

1. Mode: Manual


3. Use   to scroll through the modes

1. Mode: Manual


4. Press & Hold  to confirm the value change

--Saved--

### Setting the Current Time

1. Press  for a short time to scroll through the options until you reach the mode menu item

2. Time: 14:23

2. Press & Hold  until the minutes begin to flash

2. Time: 14:23

3. Press  or  to set the minutes

2. Time: 14:05

4. Press  to switch to hours which will flash to confirm they are selected

2. Time: 14:05

5. Press  or  to set the hours


2. Time: 18:05

6. Press & Hold  to confirm. The display will read -saved-

--Saved--




## Setting the Opening Time

1. Press  for a short time to scroll through the options until you reach the display on the right


3. Open @ 01:00

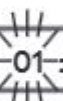
2. Press & Hold  until the minutes begin to flash

3. Open @ 01:


3. Press  or  to set the minutes

3. Open @ 01:

4. Press  to switch to hours which will flash to confirm they are selected

3. Open @ :30


5. Press  or  to set the hours

3. Open @ :30

6. Press & Hold  to confirm.

--Saved--

## Setting the Closing Time

1. Press  for a short time to scroll through the options until you reach the display on the right

4. Close @ 01:00

2. Press & Hold  until the minutes begin to flash

4. Close @ 01:

3. Press  or  to set the minutes

4. Close @ 01:

4. Press  to switch to hours which will flash to confirm they are selected

4. Close @ :15

5. Press  or  to set the hours

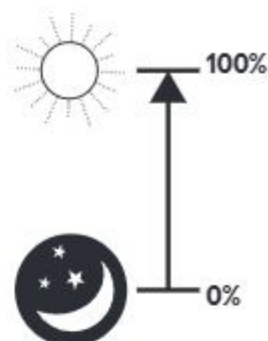
4. Close @ :15

6. Press & Hold  to confirm.


--Saved--




If the light level where the control panel is located changes frequently (busy neighbourhood) light mode may not function as expected - please switch to Time Mode



### Setting the Mode

1. Press  for a short time to scroll through the options until you reach the mode

1. Mode: Manual

2. Press & Hold  to enable changing the value  
The current mode will flash

1. Mode: Manual

3. Use   to scroll through the modes

1. Mode: Manual

4. Press & Hold  to confirm the value change


1. Mode: Light

--Saved--

### Setting the Light Opening Level



The door opening light level should be set to a higher percentage than the door closing light level. The two values should at least be 10% apart from each other. We recommend starting with 13 and 3, then adjust to suit as the location of the coop can effect the light levels. Adjustments may be needed with the change of seasons.

1. Press  for a short time to scroll through the options until you reach the display on the right

3. Open @ 27

2. Press & Hold  until the numbers begin to flash

3. Open @ 27


3. Press  or  to set the level

3. Open @ 13

4. Press & Hold  to confirm

--Saved--

## Setting the Light Closing Level

1. Press  for a short time to scroll through the options until you reach the display on the right

4. Close @ 6

2. Press & Hold  until the numbers begin to flash

4. Close @ 6

3. Press  or  to set the level

4. Close @ 3


4. Press & Hold  to confirm.

--Saved--

## Setting the Open Delay



By default, the Auto Door has a factory delay set at 20 minutes after the light reaches the required level. You cannot go below 20 minutes and can only manually set additional delay minutes. This is in order to prevent any accidental opening or closing of the door when the light level changes for short periods of time, e.g. if a car drove past with headlights on.

1. Press  for a short time to scroll through the options until you reach the display on the right

5. Open Delay 0m

2. Press & Hold  until the numbers begin to flash

5. Open Delay 0m

3. Press  or  to set the minutes

5. Open Delay 7m


4. Press & Hold  to confirm.

--Saved--

## Setting the Close Delay



Same principle as at opening delay - See above.

1. Press  for a short time to scroll through the options until you reach the display on the right

6. Close Delay 0m

2. Press & Hold  until the numbers begin to flash

6. Close Delay 0m

3. Press  or  to set the minutes

6. Close Delay 10m

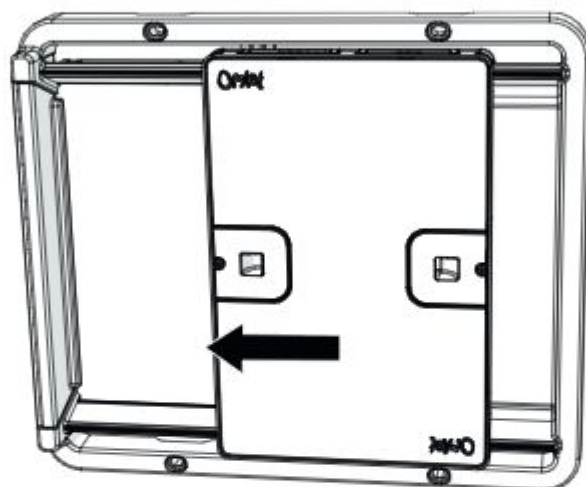
4. Press & Hold  to confirm.

--Saved--

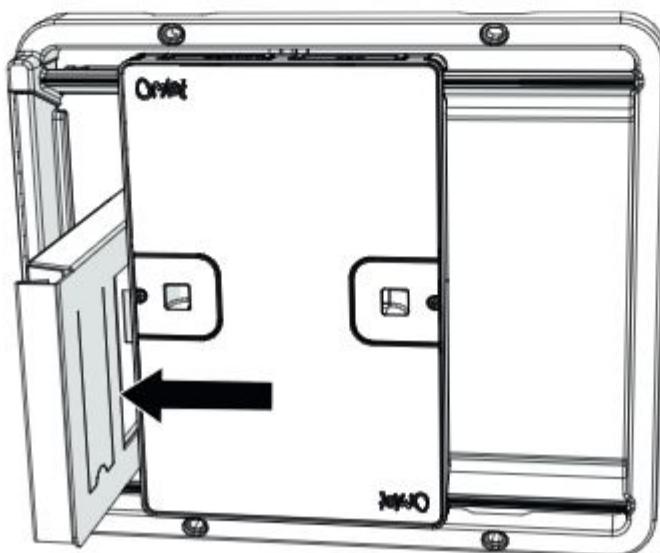


DE Den Sicherheitssensor testen · FR Test du détecteur d'obstacles · NL Het testen van de knel-detector  
 IT Testare il sistema a fotocellula · SE Testa krossdetektorn · DK Afprøvning af sikkerhedssensoren

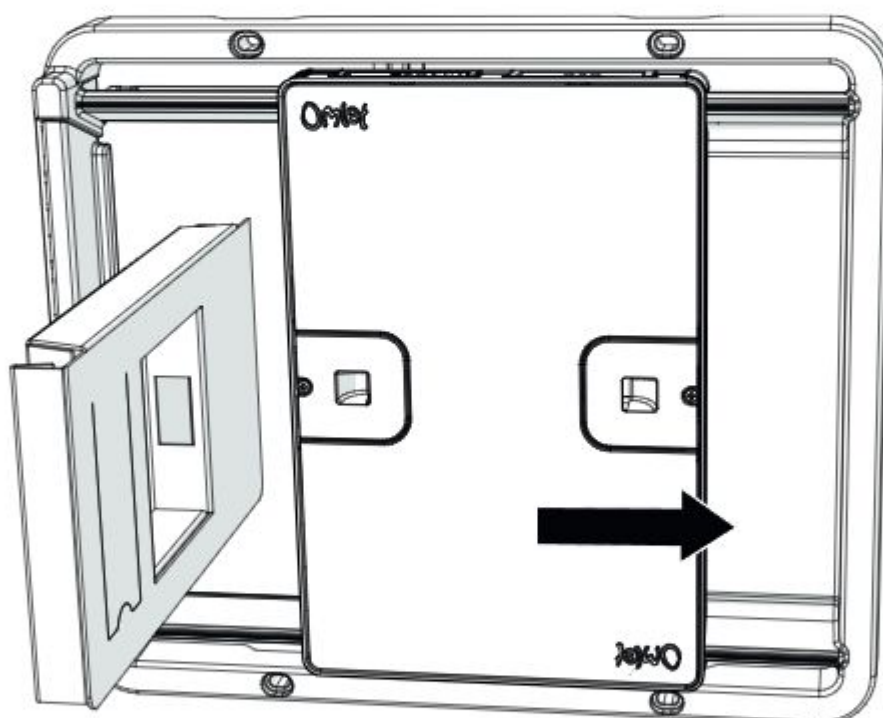
Wait for the door to close automatically or close it by Pressing & Holding **OK** button.



Put an object in the door. The object exerts pressure on the Crush Detector.



The Crush Detector will stop the door and make it open. The door will automatically try to close **4 more times**. If it is still blocked, it will eventually stop in the fully open position.



For more support go to: [www.omlet.co.uk/support/](http://www.omlet.co.uk/support/)





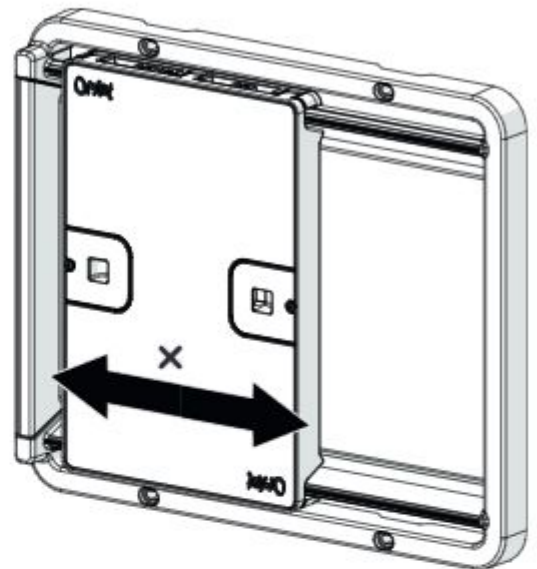
Please avoid cleaning your Autodoor with industrial chemicals or a jet wash. We recommend cleaning only with soap and water or a pet safe disinfectant and treating red mite with powder only. For more detailed instructions, please visit [www.omlet.co.uk/support/](http://www.omlet.co.uk/support/)





In the event that

- 1) the motor fails,
  - 2) the batteries go flat,
  - 3) or there is any other blockage
- you can move the door freely by releasing the rack.



For more detailed instructions, please visit [www.omlet.co.uk/support/](http://www.omlet.co.uk/support/)









# CONNECT, WHEREVER YOU ARE

## Omlet

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820.2298 Instruction Manual Smart AutoDoor\_ 26/06/2025



FR

Cet appareil,  
ses accessoires  
et cordons  
se recyclent

À DÉPOSER

EN MAGASIN



À DÉPOSER

EN DÉCHÈTERIE



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