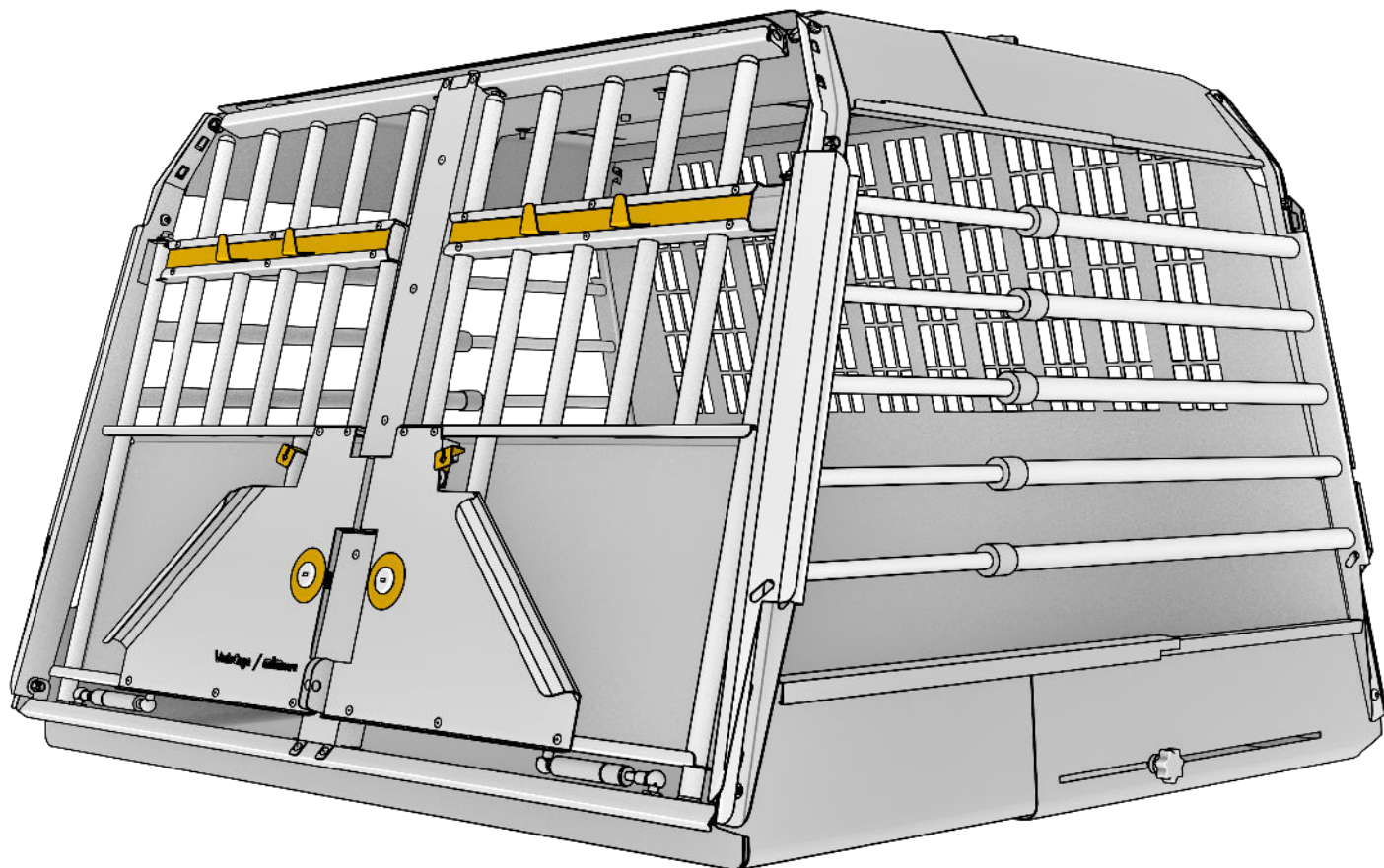




## VarioCage Double G4

ASSEMBLY INSTRUCTIONS



Scan to see the  
video of these  
instructions

# GENERAL

VarioCage is made for transport of dogs in vehicle. The VarioCage is made of splinter proof and energy absorbing materials. The telescopic construction maximizes the space for your dog. The Built-in deformation zone reduces the risk of back, neck and head injuries to the rear seat passengers in case of accident. VarioCage has

undergone rigorous crash tests. It's design-protected and made of galvanized steel painted with a very weather-resistant powder coating paint suitable for its use. Shockproof in all directions. The product comes with straps for easy installation. Lockable door with gas spring helps holding the door open when needed.



## IMPORTANT

### BEFORE YOU BEGIN

Ensure that you work on a flat surface. If the VarioCage is assembled indoors, protect the floor with a blanket or carpet to avoid damage during assembly. Read the instruction carefully before you begin, it gives you a better understanding when you work step by step during the assembly.

You can assemble the VarioCage by yourself, but it helps a lot to be two during some of the assembly steps.

### RECOMMENDED AREA OF USE

VarioCage should be installed behind the rear seat of the car.

### CRASH TEST

This model is crash tested at Rise Research Institutes of Sweden AB. VarioCage is crash tested according to the SPCT (SafePetCrateTest) method making it the market's safest dog cage for SUV, estate and hatchback cars with the cage installed against the rear set.

SPCT is based on three distinct load cases that together cover the relevant crash scenarios for a dog crate. The standard includes a frontal impact test, a rear-impact scenario simulating a collision from behind, and a corner drop test intended to replicate the effects of a vehicle rollover.

The crash pulse used is according to ECE Regulation No. 17. Test protocol is available from the manufacturer on request.

### DAILY INSPECTION

- Make sure the VarioCage is intact
- That there's no sharp edges
- That the door lock works
- Check that it is attached to the vehicle's cargo loops

### CLEANING

Use a soft cloth with water and mild soap.

### The story of MIMsafe

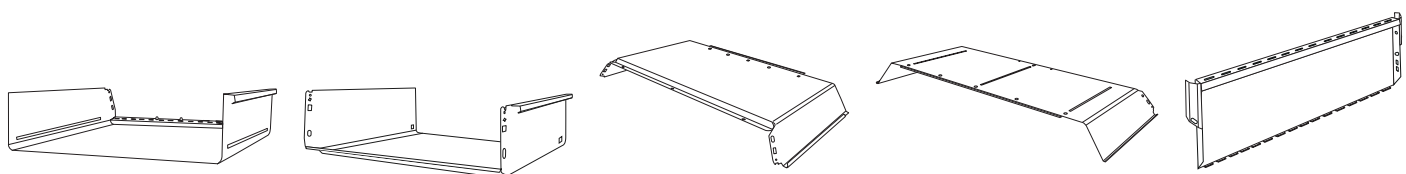
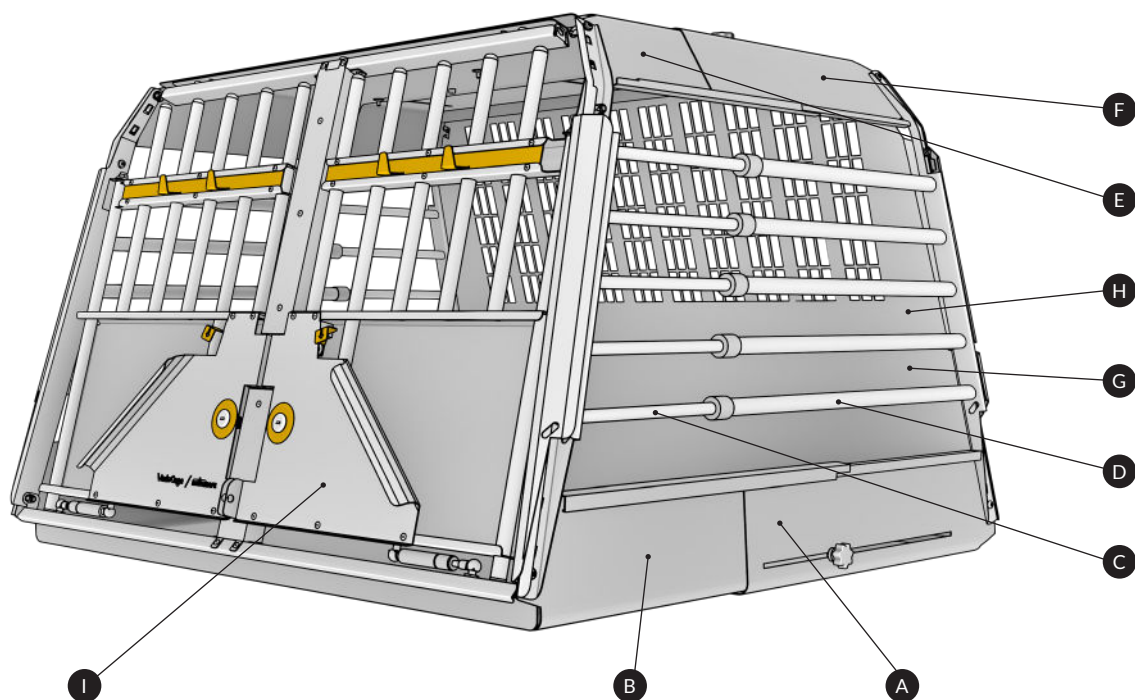
For more than 40 years, MIMsafe has worked with functional design and manufacturing of safety products for the modern automotive industry. With documentation from hundreds of crash tests and in close collaboration with the major car manufacturers, safe products have been developed and transformed into knowledge. Under the well-known brand name MIMsafe, we have become the leading manufacturer of crash tested and crush proofed non-whiplash dog cages all over the world.

### MANUFACTURER

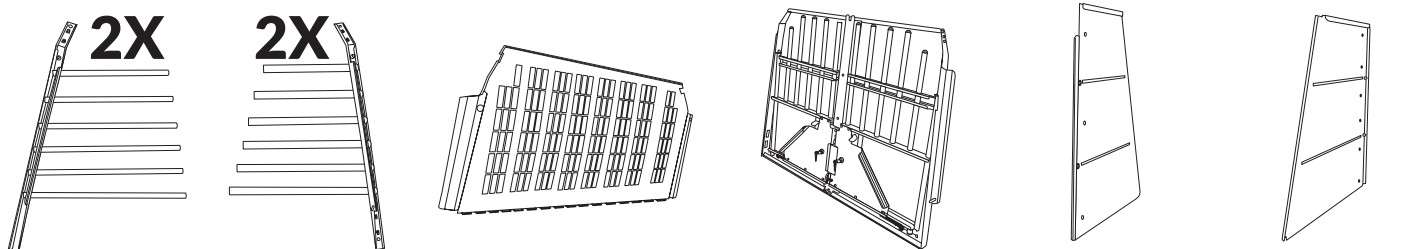
**MIM Construction AB**  
Kardanvägen 80  
461 38 Trollhättan  
Sweden

+46 10 55 00 450  
[info@mimsafe.com](mailto:info@mimsafe.com)  
[www.mimsafe.com](http://www.mimsafe.com)





**A** Lower Floor      **B** Upper Floor      **E** Lower Roof      **F** Upper Roof      **G** Lower Panel

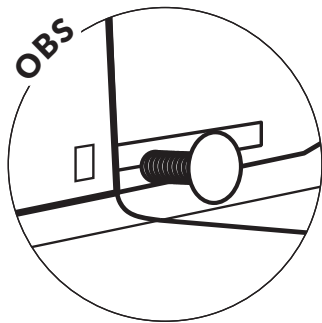


**C** Sidebar      **D** Sidebar      **H** Escape Hatch      **I** Door Section      **J** Divider (Escape Hatch)      **K** Divider (Door)

ASSEMBLY KIT IS DIMENSIONED FOR THE LARGEST CAGE, FOR SMALLER CAGES YOU HAVE MORE PARTS THAN YOU NEED

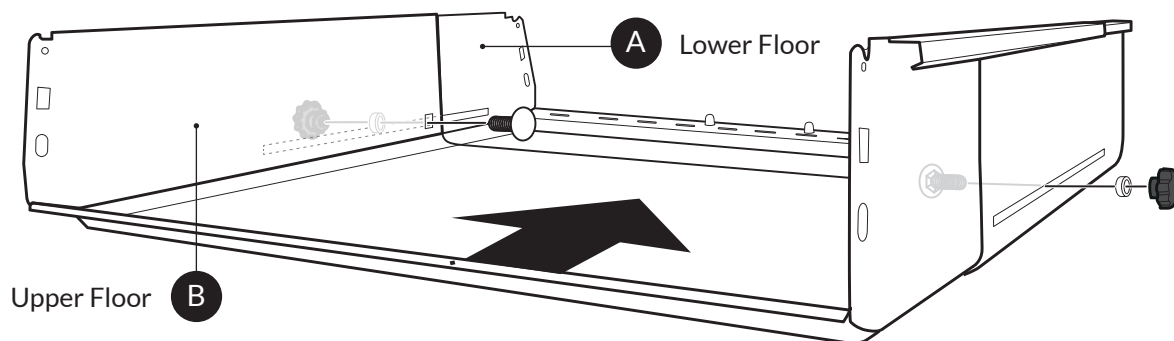
|                   |                            |                |               |        |                 |                                                                                                                                                                 |
|-------------------|----------------------------|----------------|---------------|--------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18X<br><br>rubber | 24X<br><br>14mm            | 2X<br><br>12mm | 3X<br><br>red | 1X<br> | 4X<br><br>Ø25mm | rubber end caps<br>plastic end caps                                                                                                                             |
| 6X<br><br>rubber  | 6X<br><br>Ø13mm<br>plastic | 6X<br><br>16mm | 4X<br>        |        | 5X<br><br>Ø19mm | 50477 8X Double X-Small<br>50483 10X Double Small<br>50461 10X Double Medium<br>50464 12X Double Large<br>50465 12X Double X-Large<br>50482 14X Double XX-Large |

STEP  
**1**



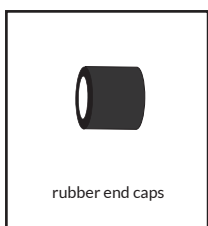
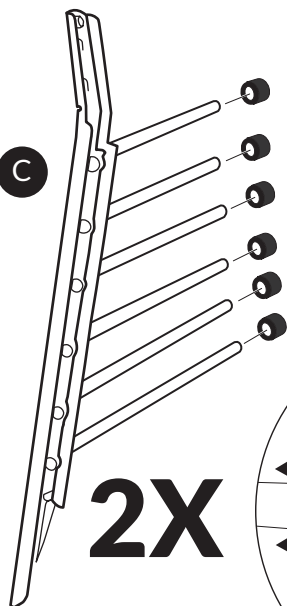
DO NOT TIGHTEN THE KNOBS UNTIL LATER

|    |    |    |
|----|----|----|
| 2X | 2X | 2X |
|    |    |    |



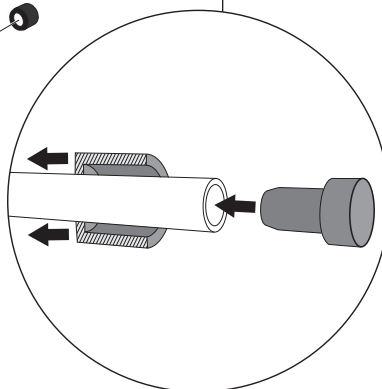
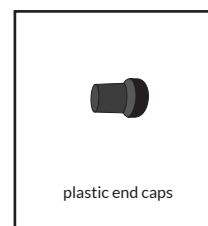
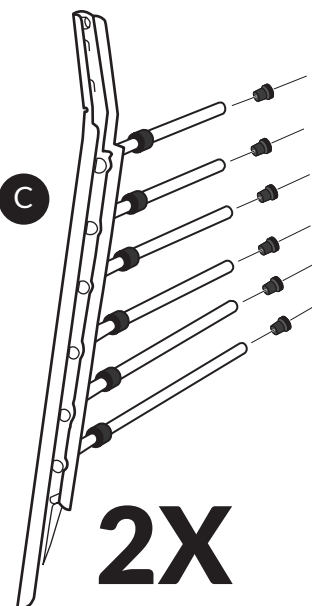
STEP  
**2a**

Sidebar **C**



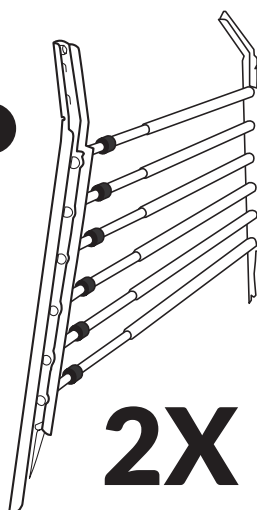
STEP  
**2b**

Sidebar **C**



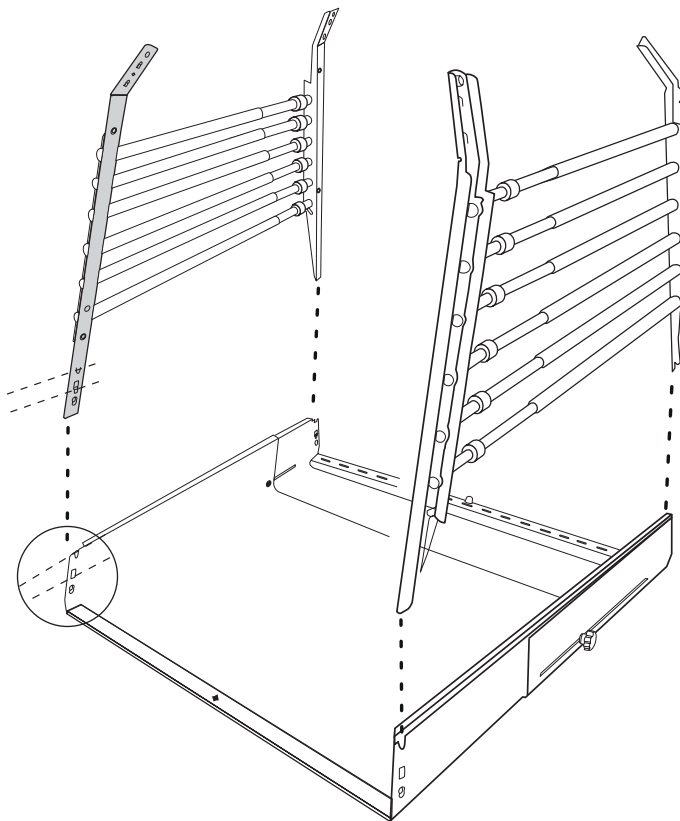
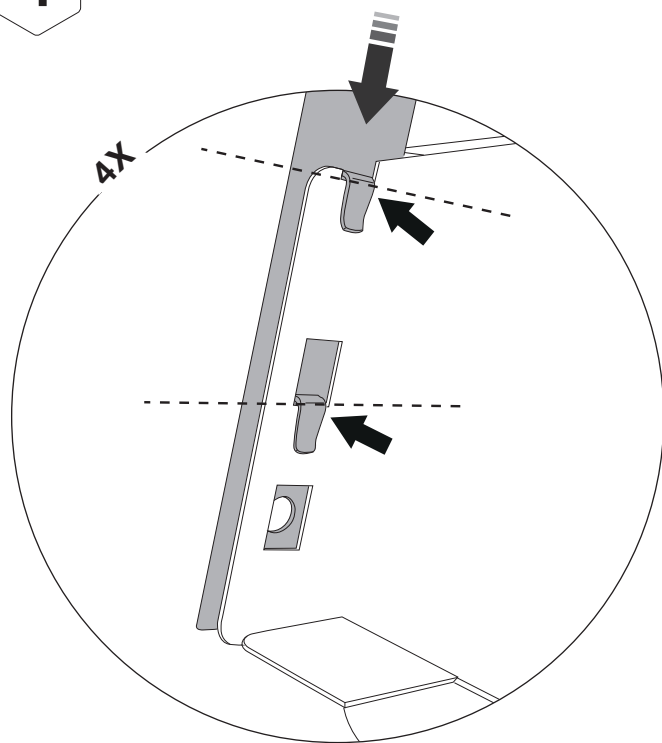
STEP  
**3**

Sidebar **C**



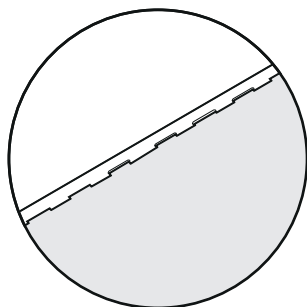
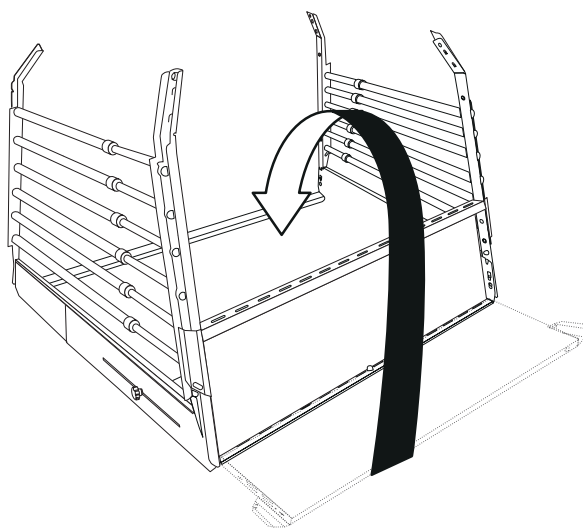
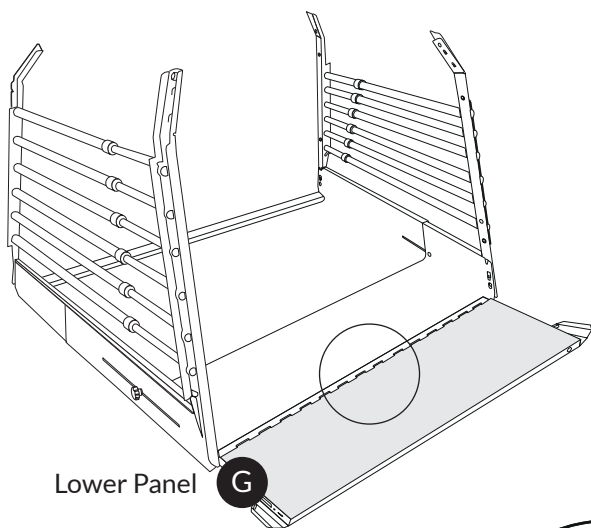
**D** Sidebar

STEP  
4

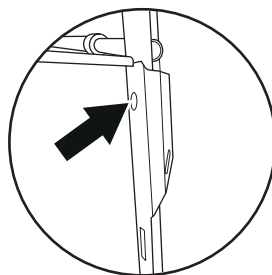
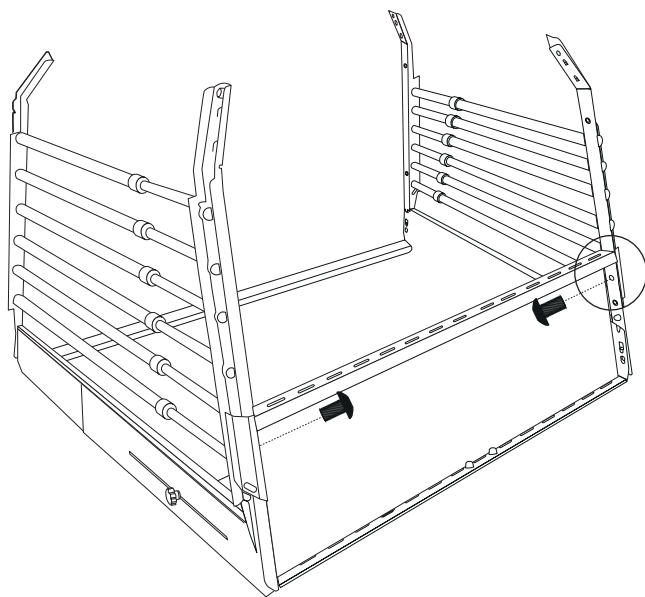


STEP  
5

180°



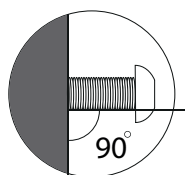
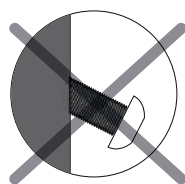
STEP  
**6**



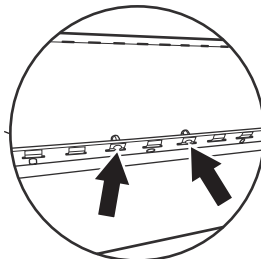
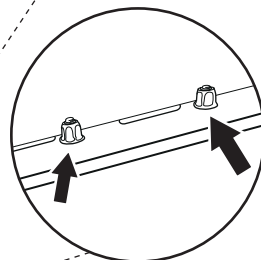
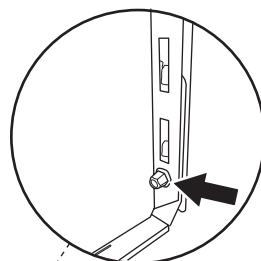
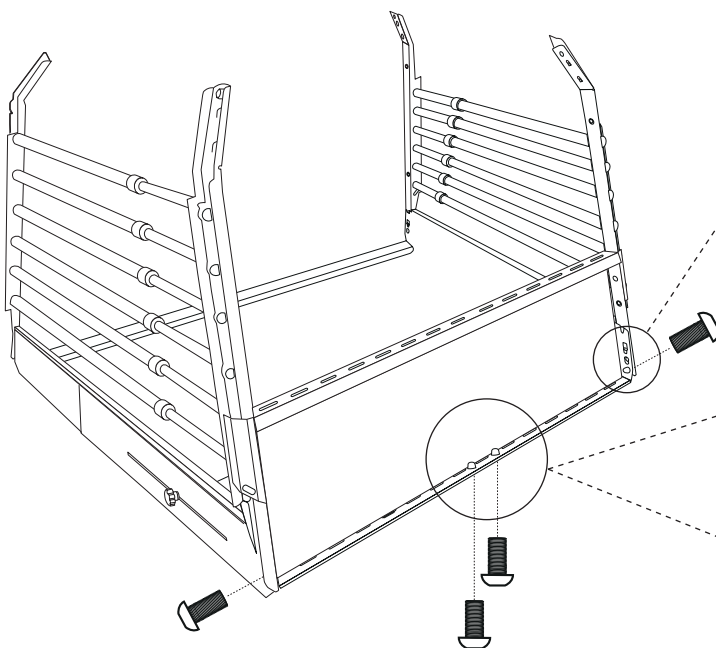
2X



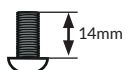
GENTLY INSERT ALL THE SCREWS BEFORE TIGHTENING



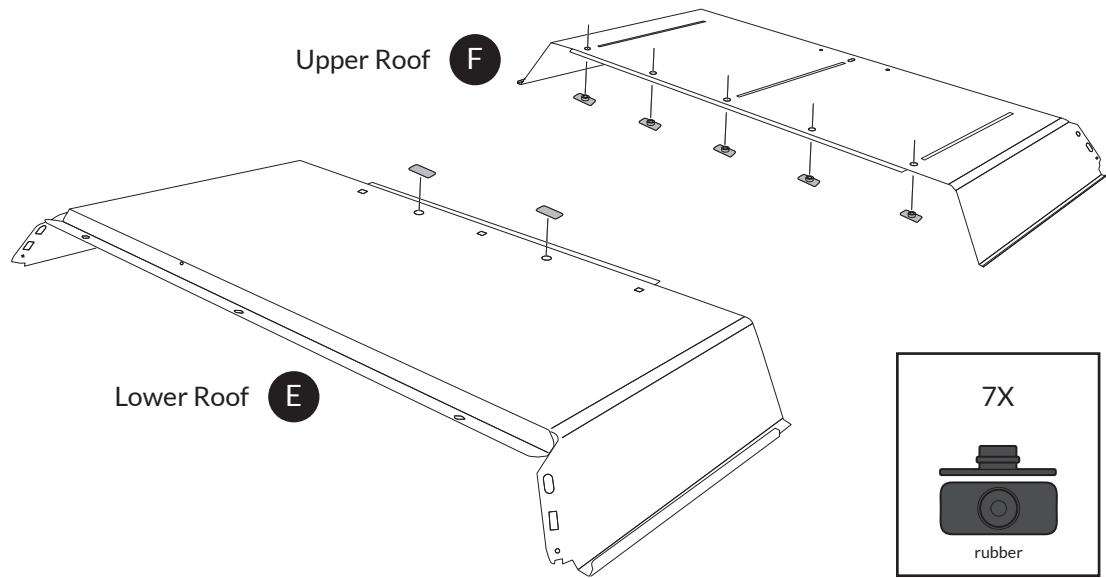
STEP  
**7**



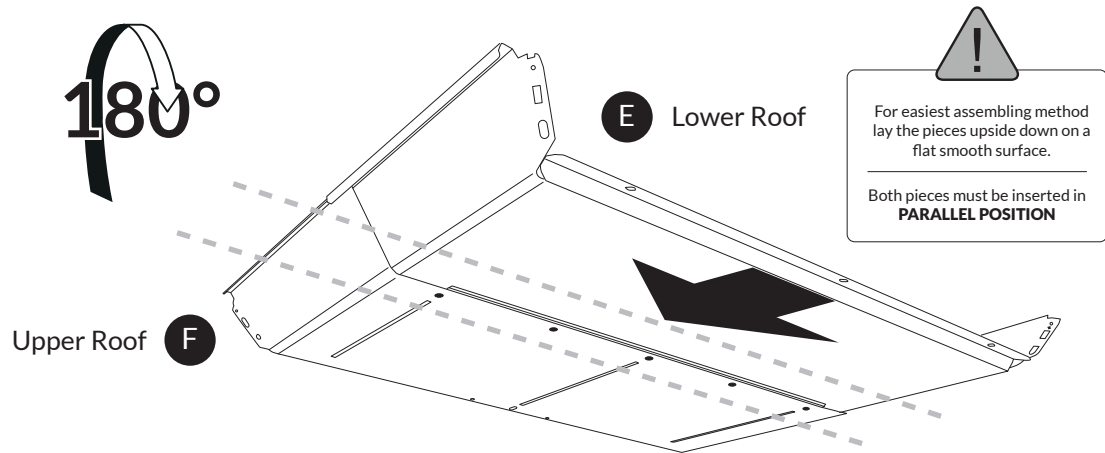
4X



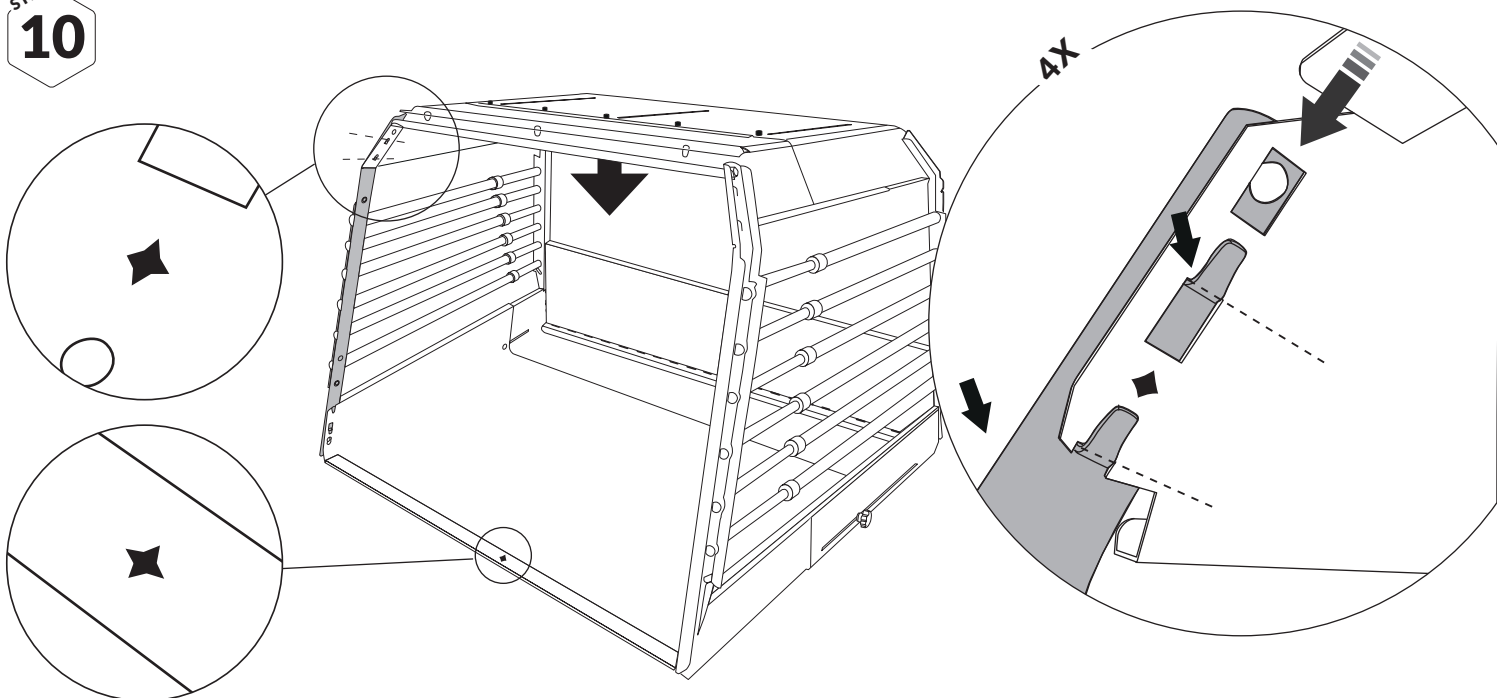
STEP  
8



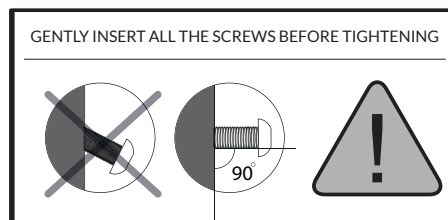
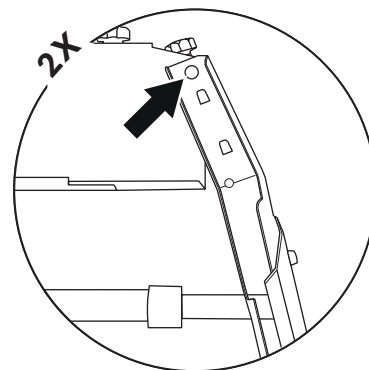
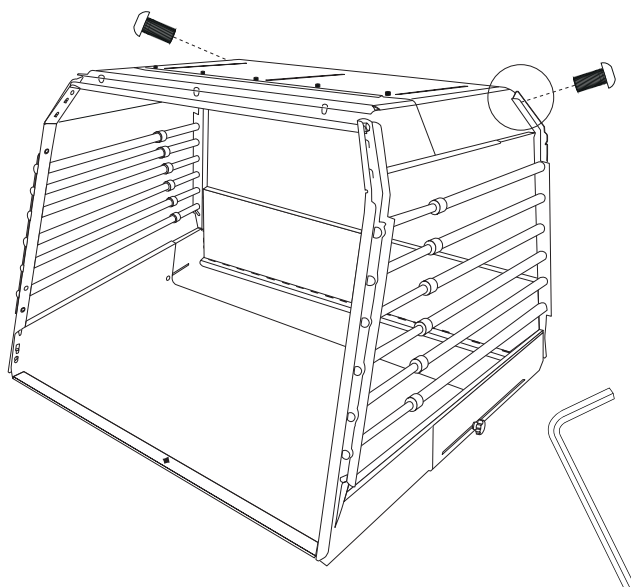
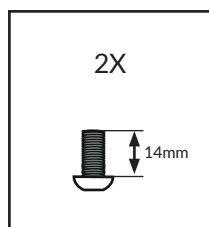
STEP  
9



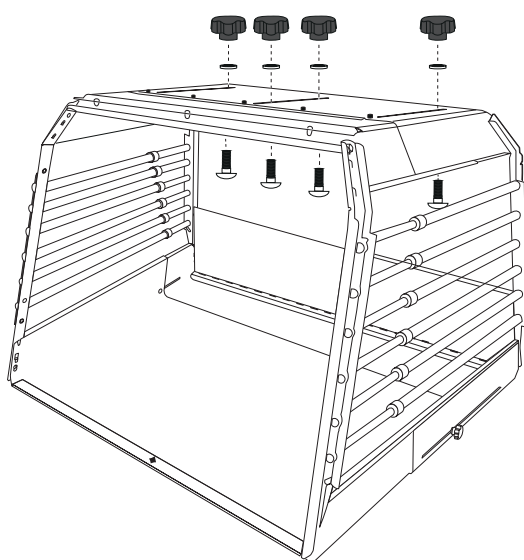
STEP  
10



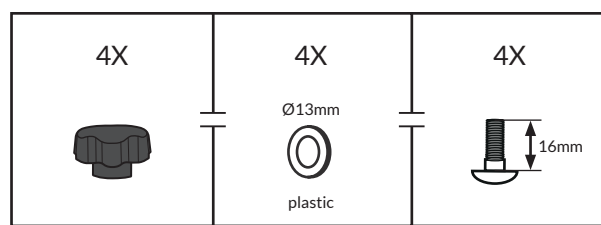
STEP  
**11**



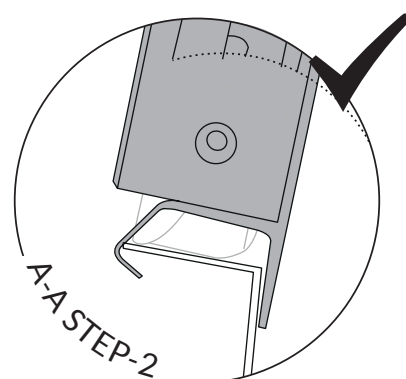
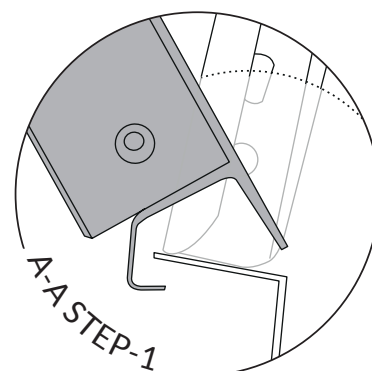
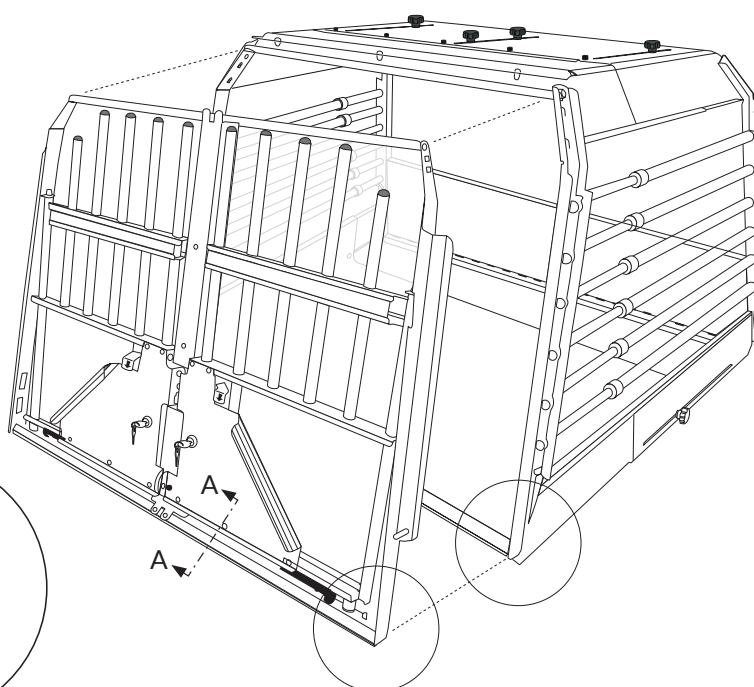
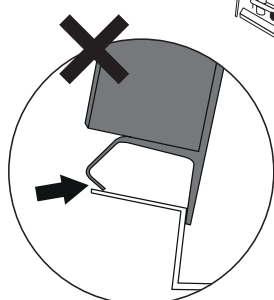
STEP  
**12**



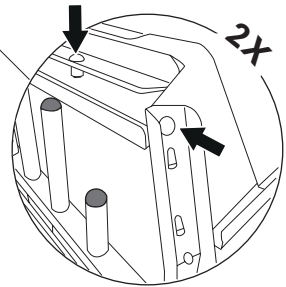
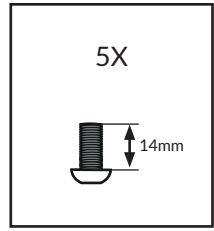
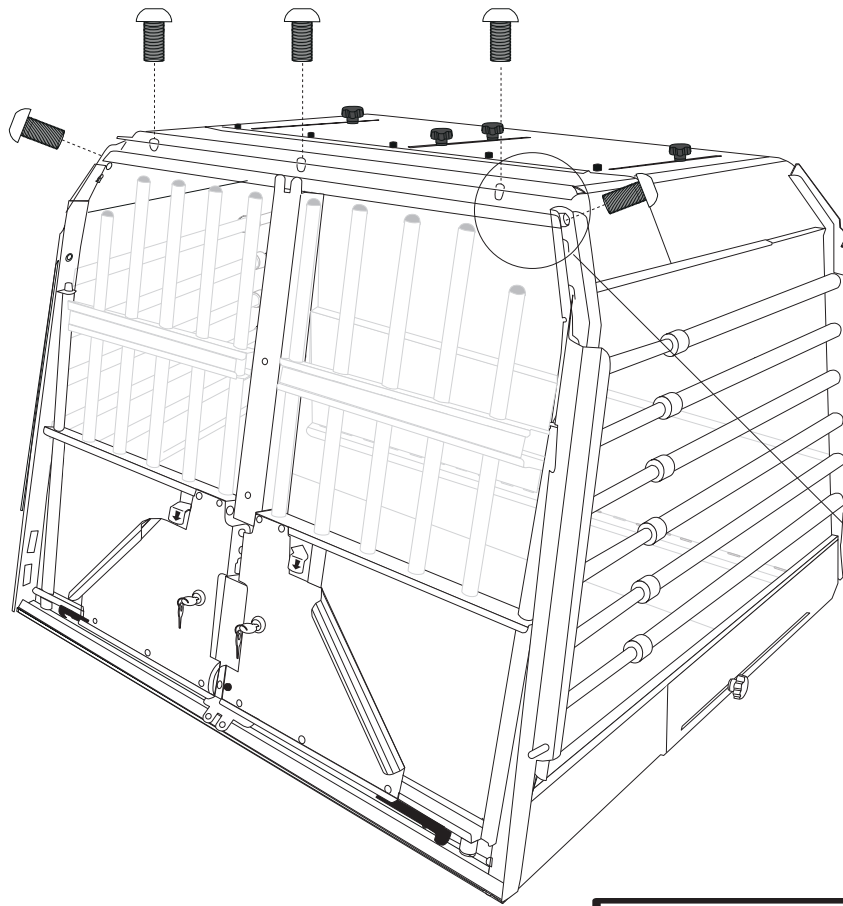
DO NOT TIGHTEN THE KNOBS UNTIL LATER



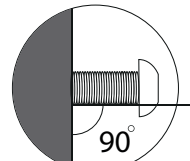
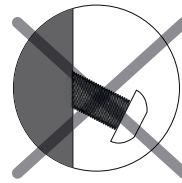
STEP  
**13**



STEP  
**14**



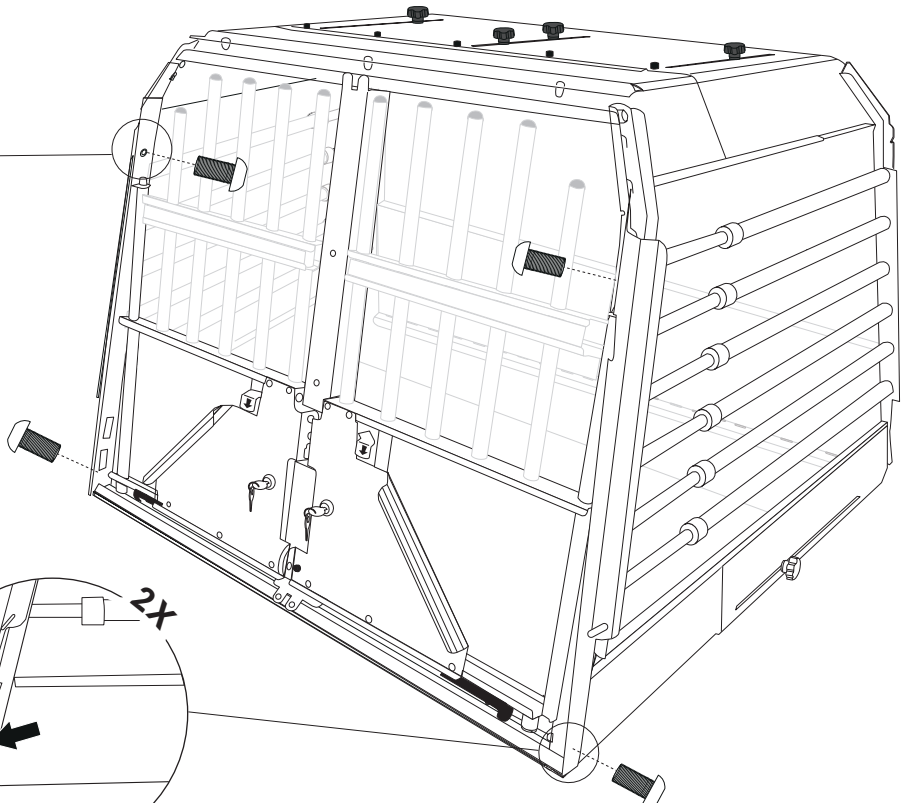
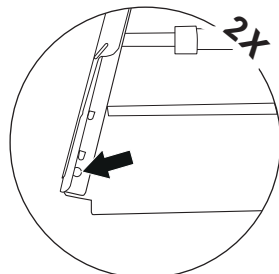
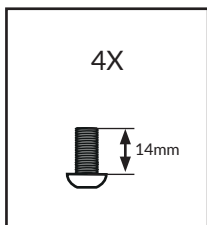
GENTLY INSERT ALL THE SCREWS BEFORE TIGHTENING



STEP  
**15**

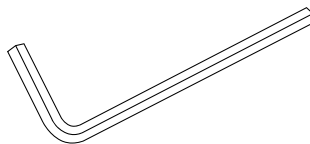


Open the doors  
before installing  
these screws

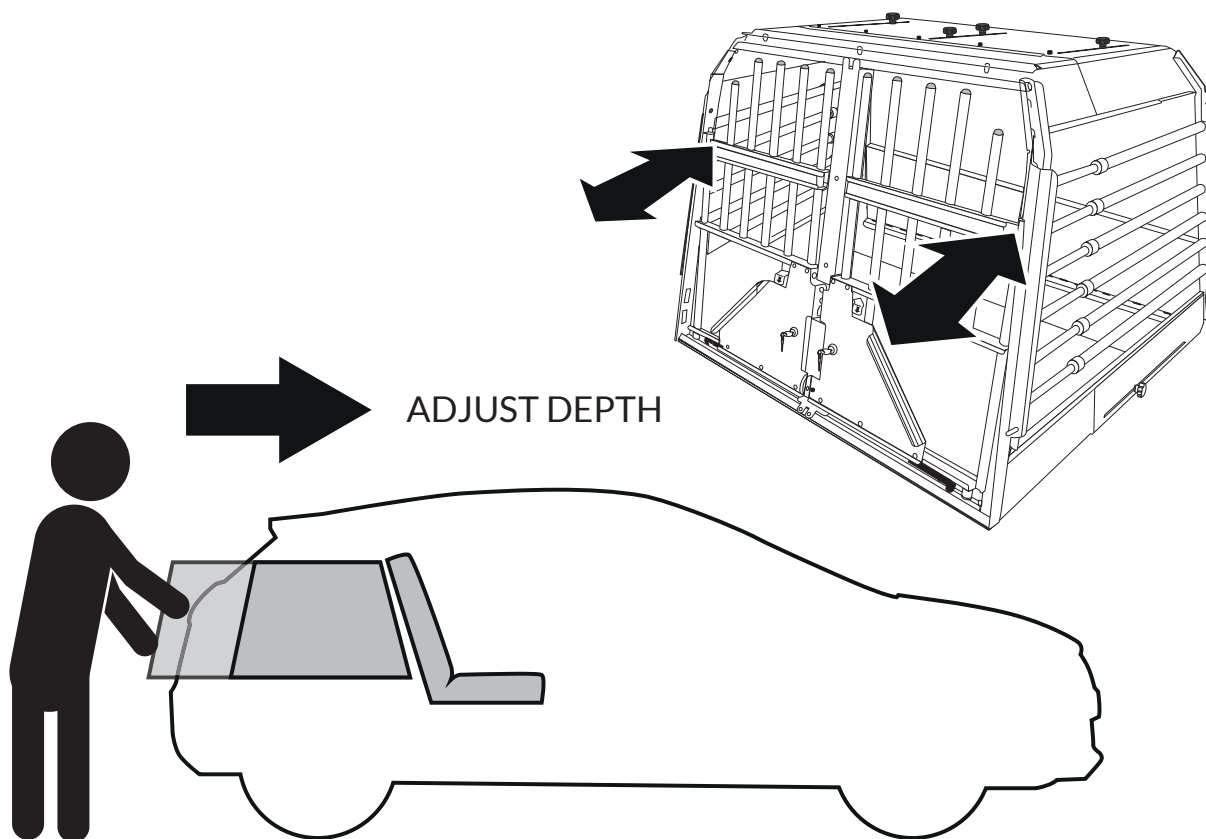


STEP  
**16**

TIGHTEN ALL SCREWS

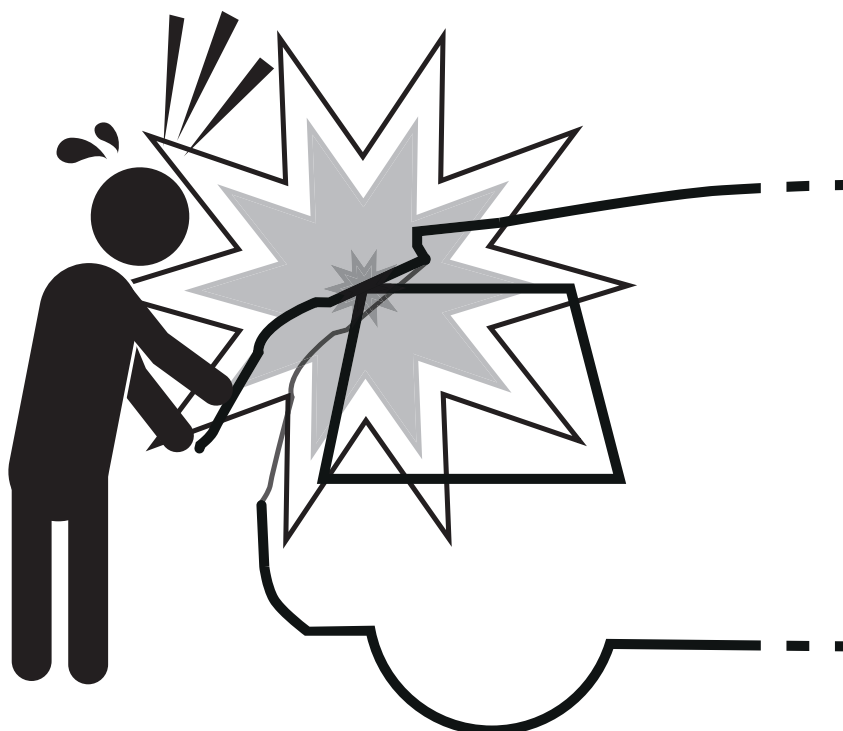


STEP  
**17**

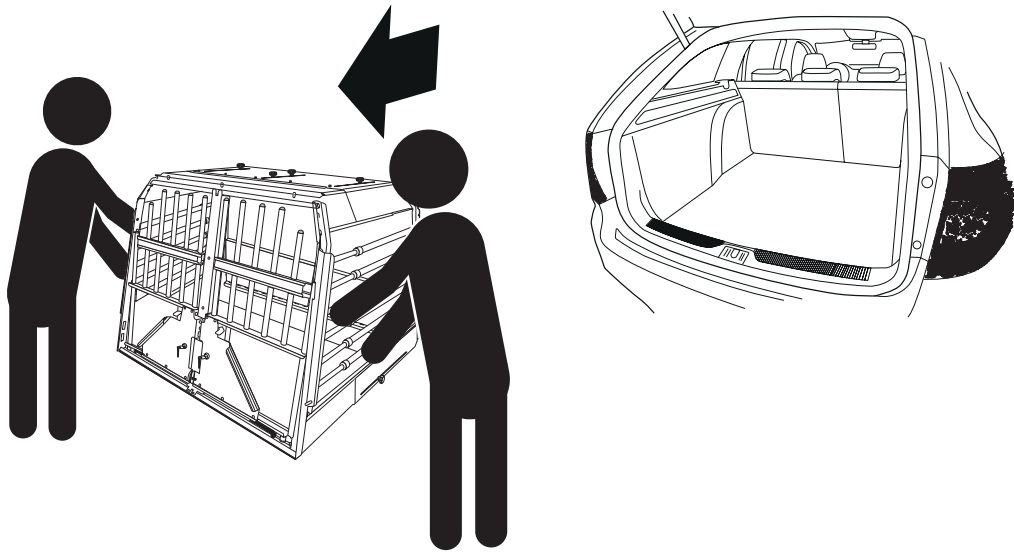


STEP  
**18**

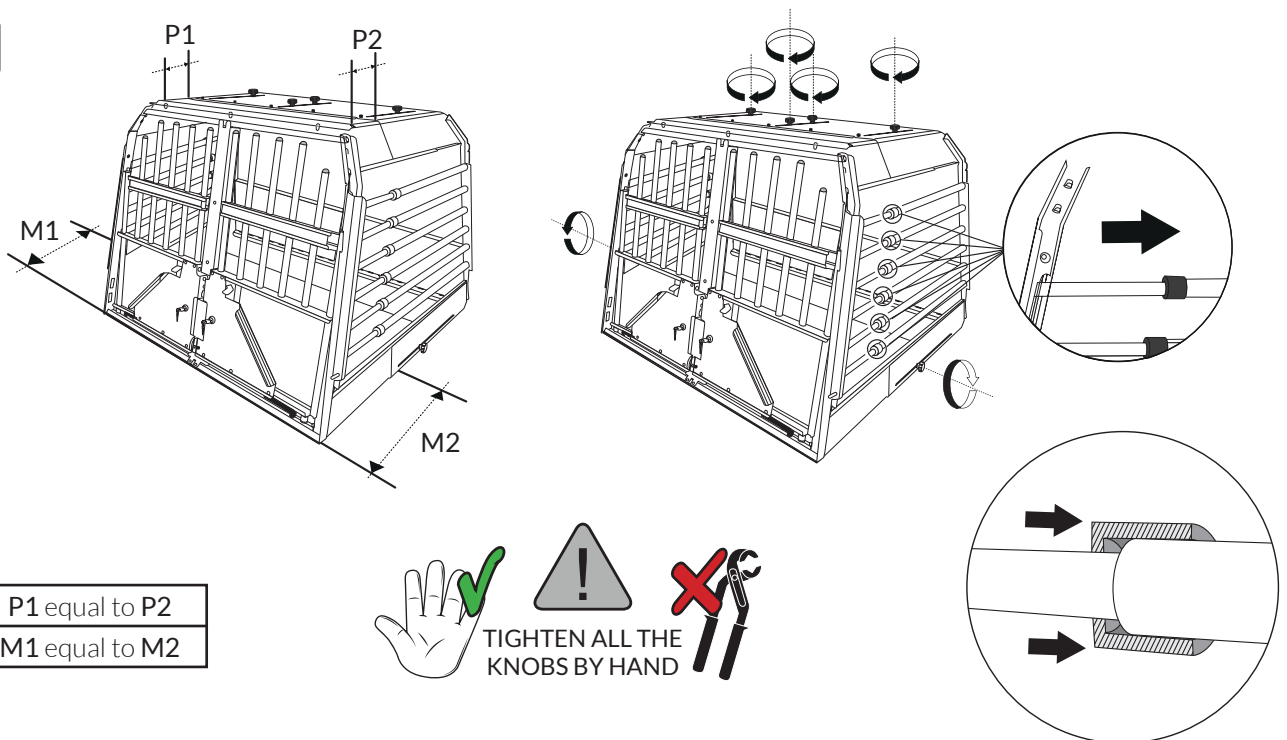
**WARNING!**



STEP  
19



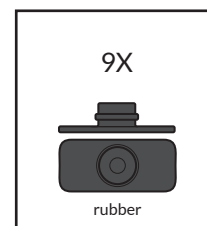
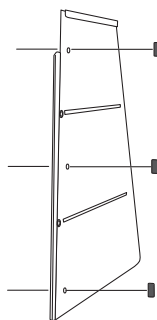
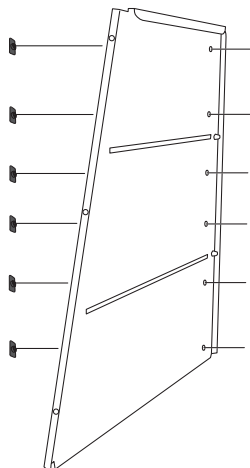
STEP  
20



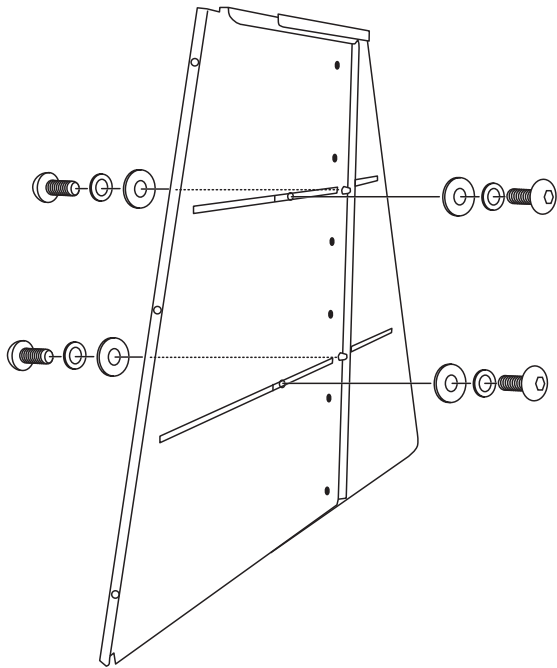
STEP  
21

**K** Divider Door

**J** Divider Escape Hatch



STEP  
**22**



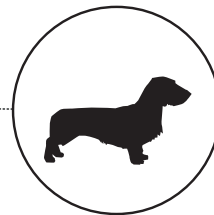
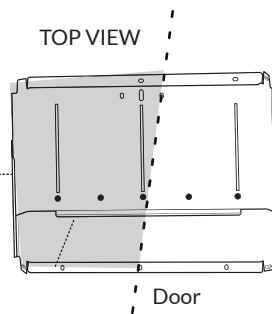
Do not tighten screws in panel yet.  
This will be done in the nex step.

|                                                                                              |                                                                                                    |                                                                                                    |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 4X<br> 14mm | 4X<br>Ø19mm<br> | 4X<br>Ø25mm<br> |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|

STEP  
**23**

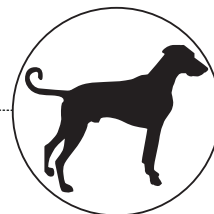
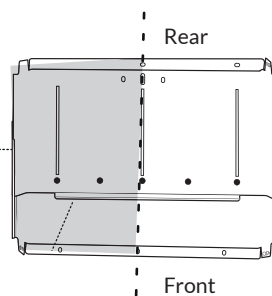
Divider is fixed in the doors center post.  
On the other side at the emergency hatch there is 3 positions to choose from, Left, Center and Right.

**Option A**  
Angled divider



If you got different size of dogs  
they might need different size of  
room in the cage.  
Use the Left or Right position  
for the Divider.

**Option B**  
Straight divider

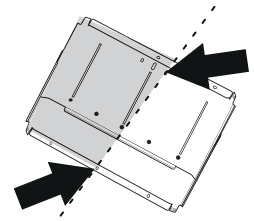
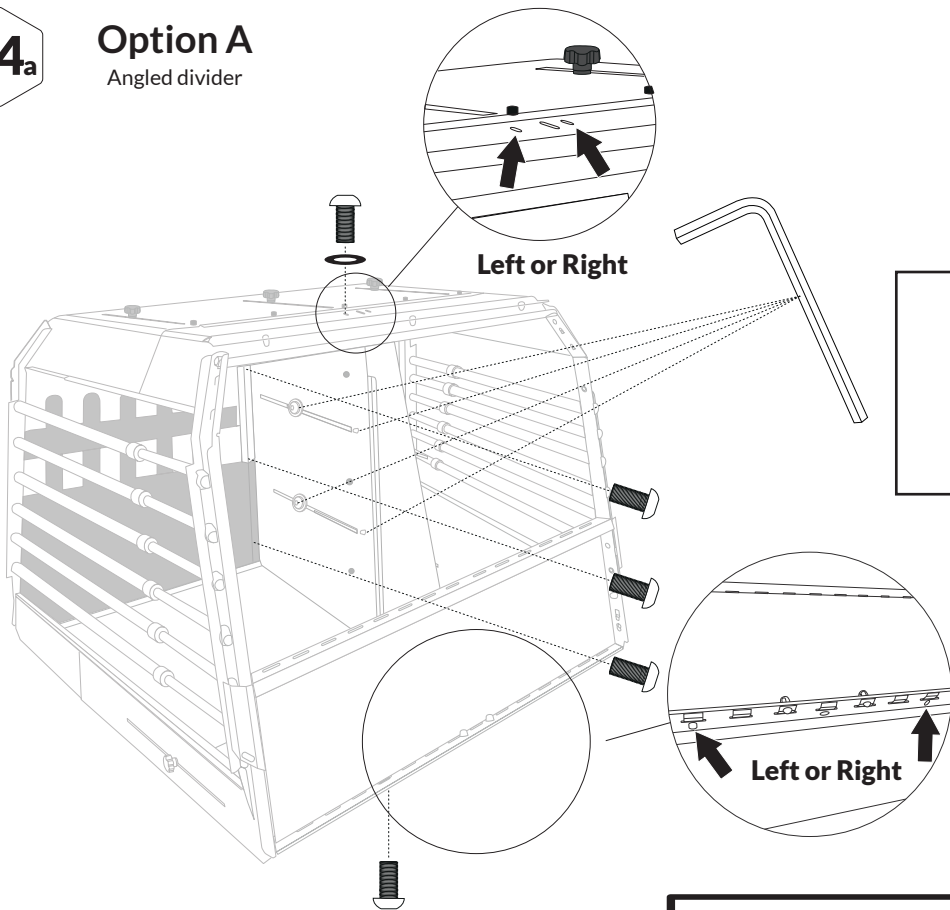


If you got same size of dogs they  
could have equal size of room in  
the cage.  
Use the Center position  
for the Divider.

STEP  
**24<sub>a</sub>**

## Option A

Angled divider



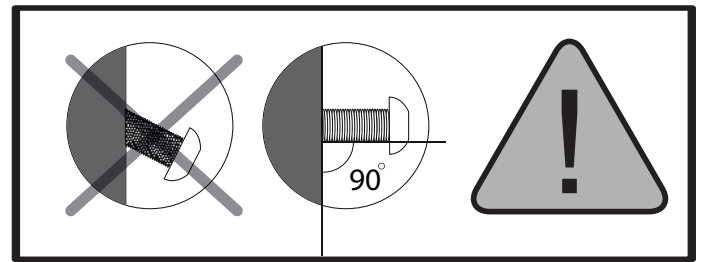
|                                                                                                    |                                                                                                |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 1X<br>Ø19mm<br> | 5X<br> 14mm |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|



When using an angled divider use the left hole for both the top and the bottom screw.

Or the if you want it to the other side use the right hole at both places.

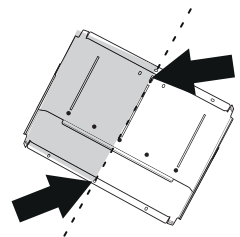
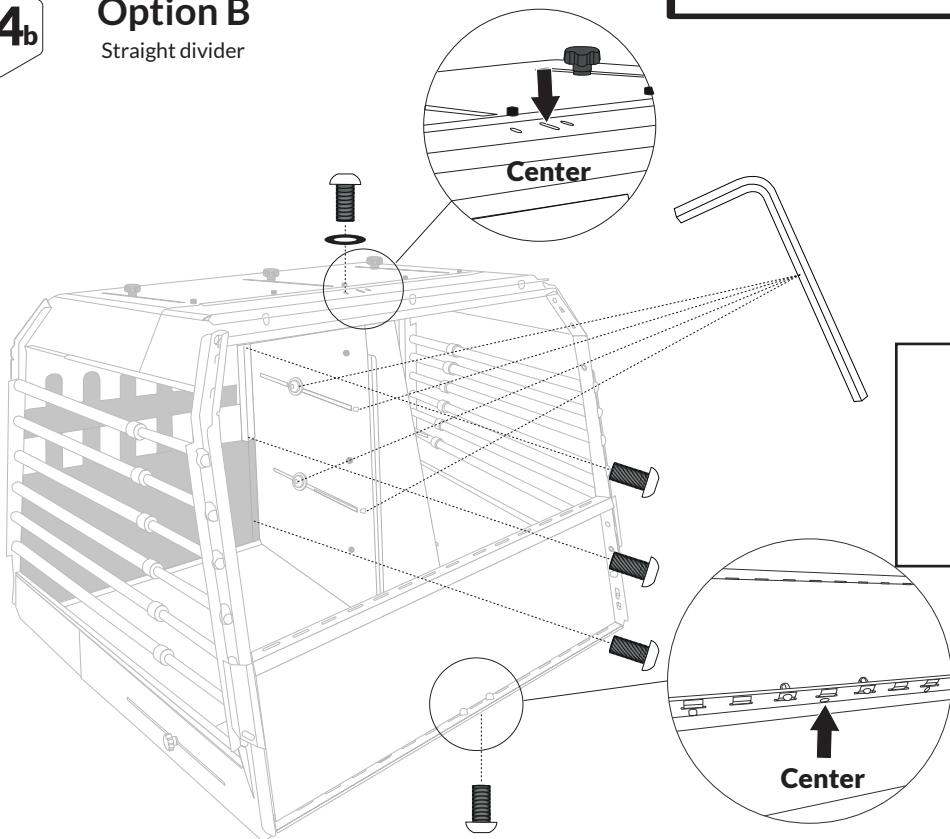
Tighten screws in panel.



STEP  
**24<sub>b</sub>**

## Option B

Straight divider



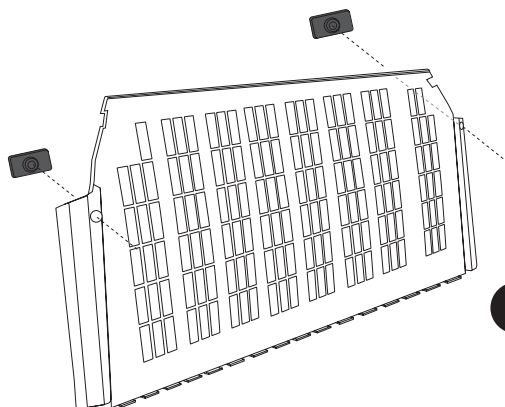
|                                                                                                      |                                                                                                  |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1X<br>Ø19mm<br> | 5X<br> 14mm |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|



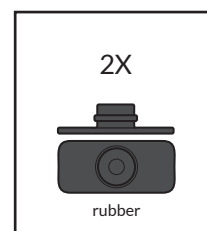
Use the center hole both at the top and bottom.

Tighten screws in panel.

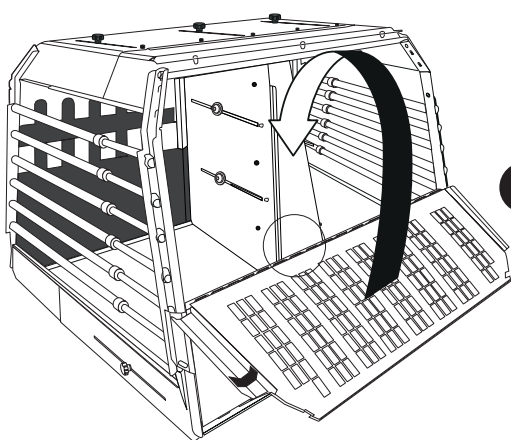
STEP  
**25**



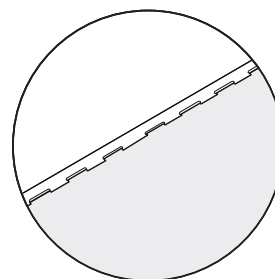
**H** Escape Hatch



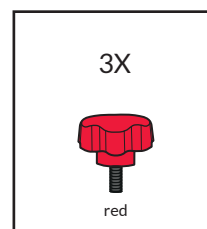
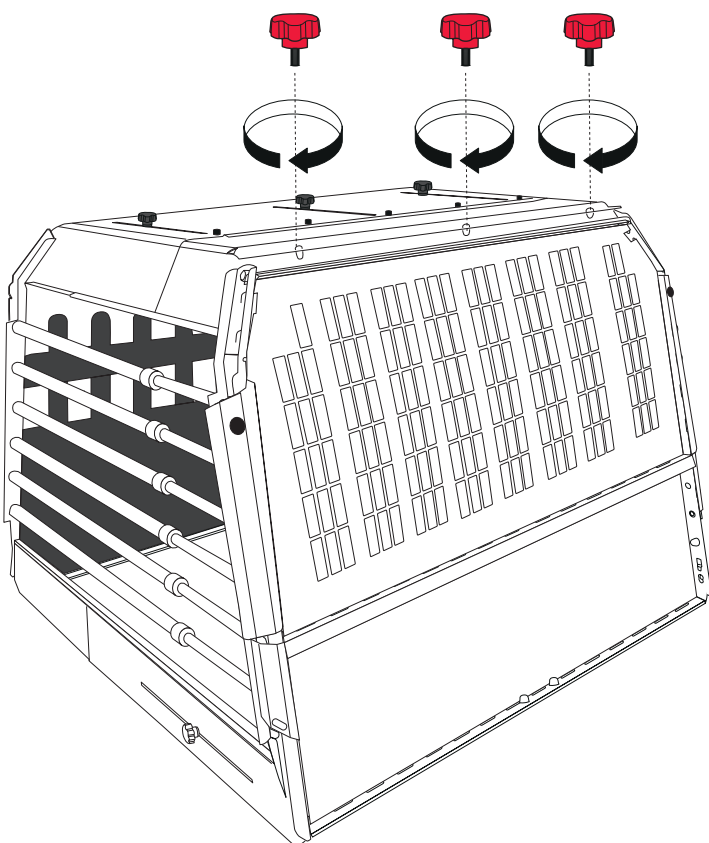
STEP  
**26**



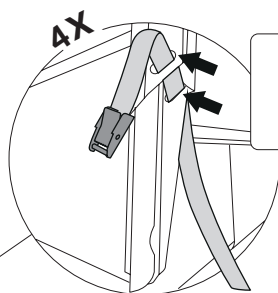
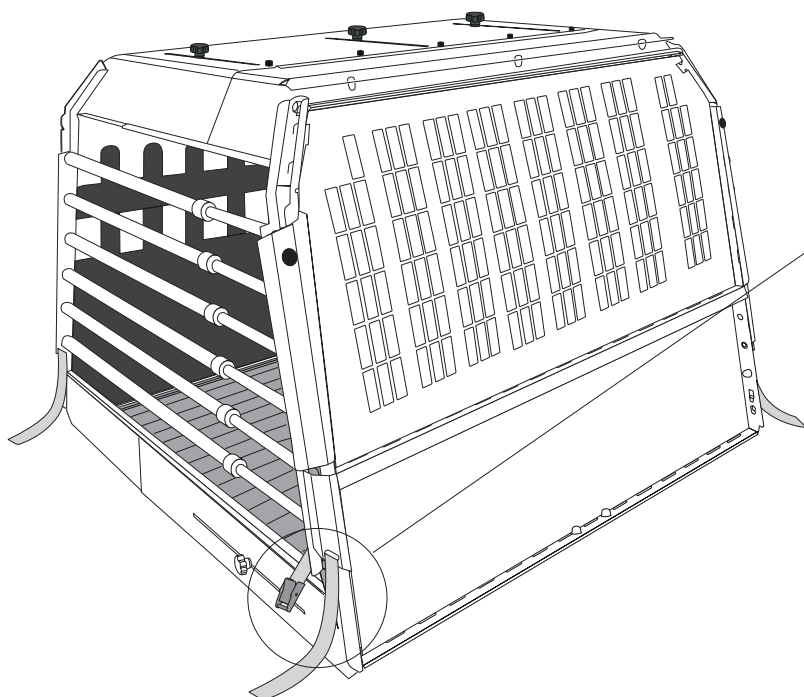
**H** Escape Hatch



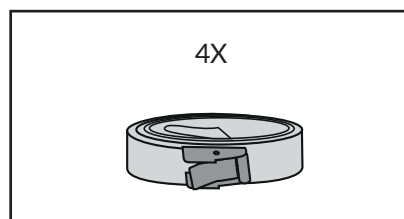
STEP  
**27**



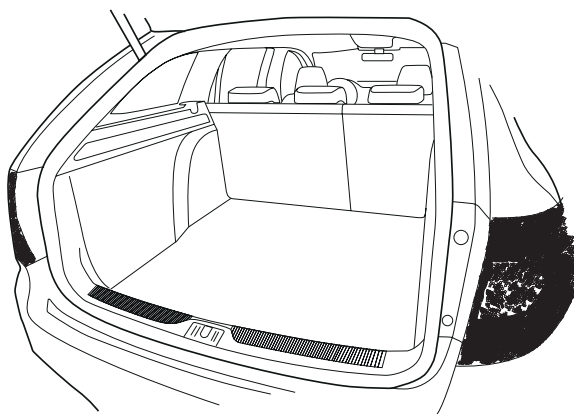
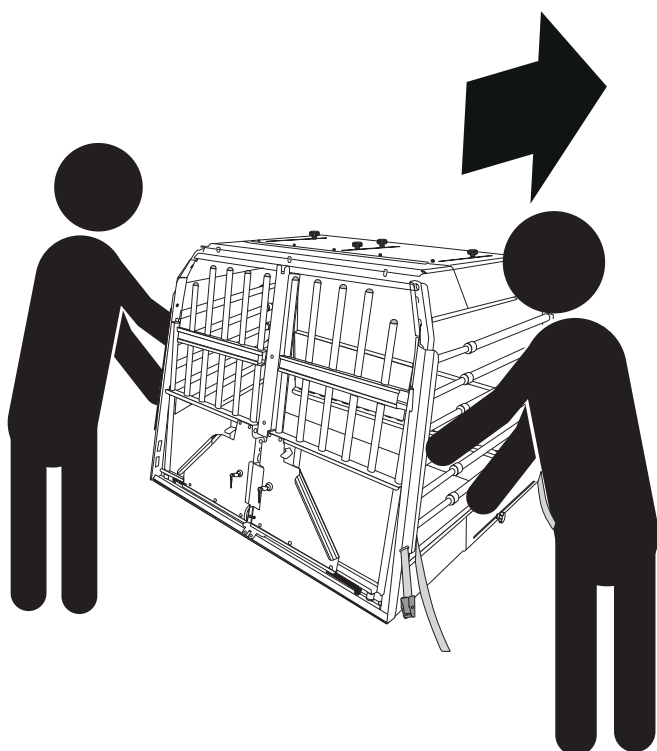
STEP  
28



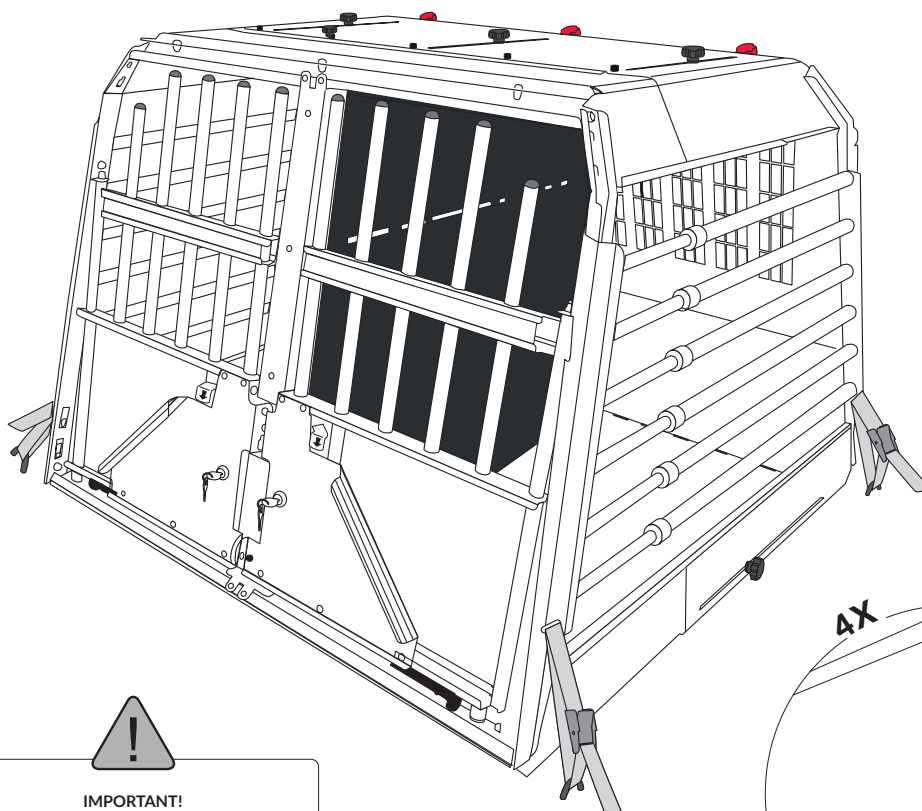
**IMPORTANT!**  
The band must go through  
both plates.



STEP  
29

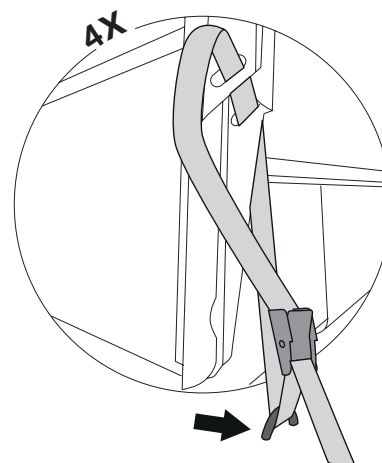


STEP  
**30**

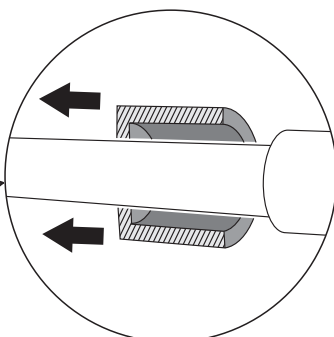
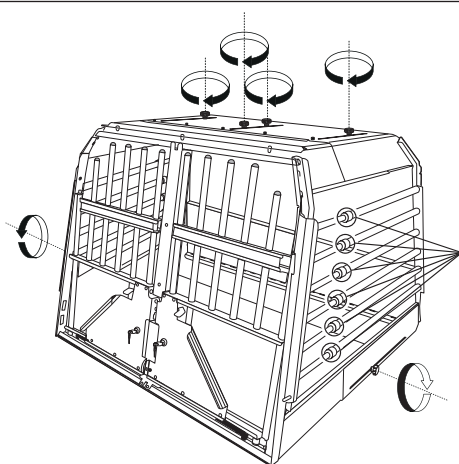


**IMPORTANT!**

Use at least two(2) straps to secure the cage in the trunk to avoid movement during transport.



## TO ADJUST THE DEPTH WHEN MOVING INTO ANOTHER CAR



LOOSEN ALL THE BLACK KNOBS,  
DRAW BACK THE BLACK RUBBER END CAPS  
AND REPEAT FROM STEP 17

STEP  
**17**