SKANDIA
ELEVATOR

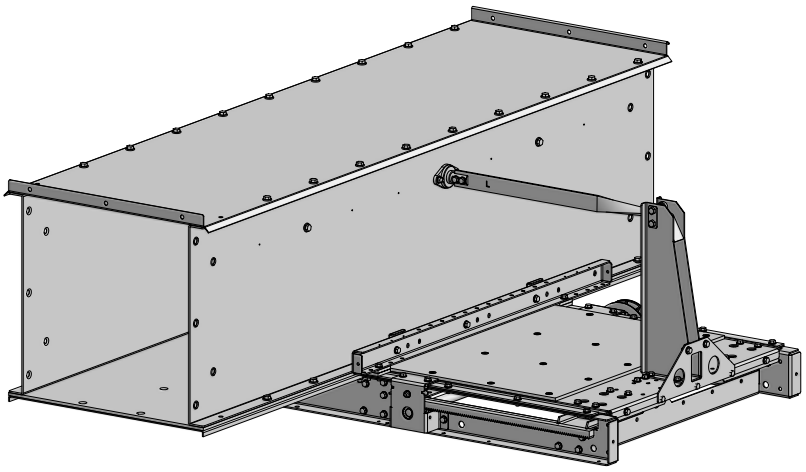
ASSEMBLY INSTRUCTIONS

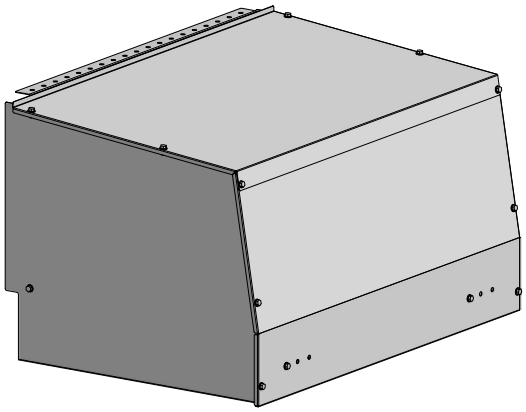
H-LINE 40-50/51

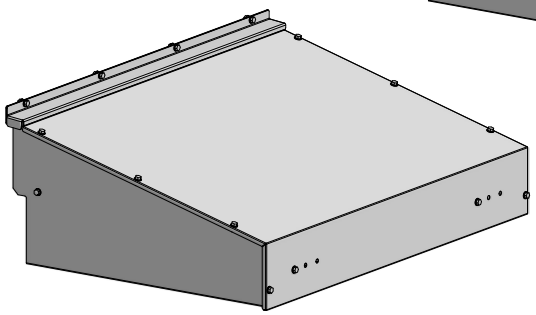
TRANSVERSE OUTLET SLIDE - NEW GENERATION

⚠ **IMPORTANT!**

The new generation of outlet slide is equipped with our inductive three-wire limit switch. See the connecting instructions for electronics.







ZTMA464063GB 2022-04-01

Contents

Safety information

Read the elevator/conveyor assembly instructions for guidance on how to carry out goods control and how safety information/safety decals are to be interpreted.

Read the elevator/conveyor maintenance instructions for directions on maintenance and troubleshooting.

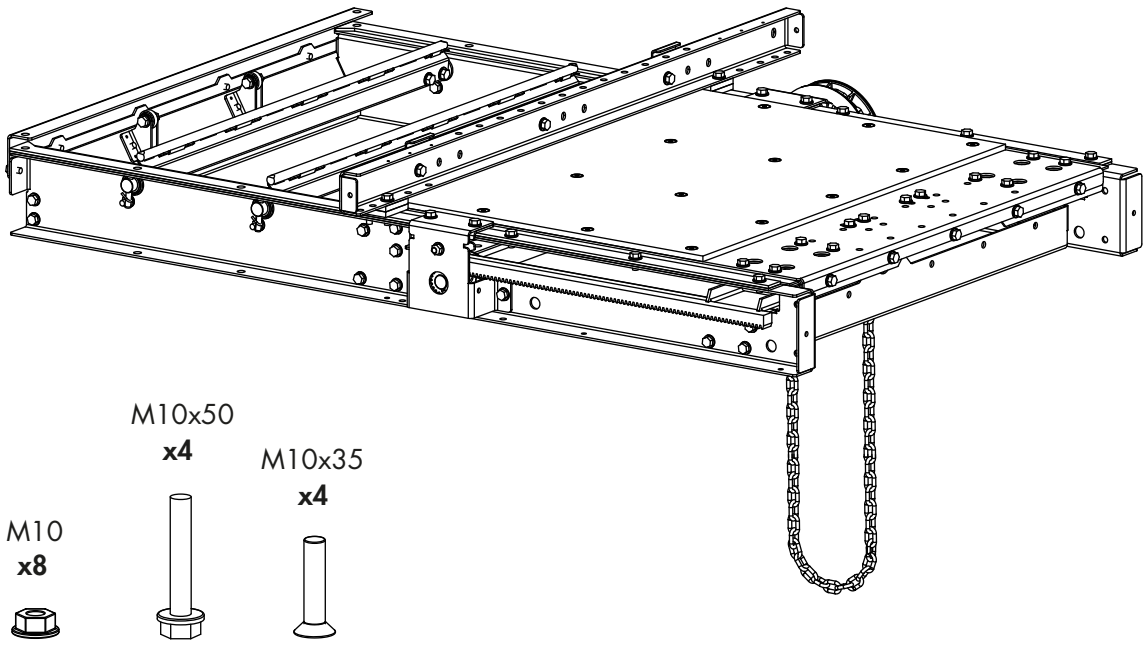
The owner of the transport equipment is responsible for these assembly instructions always being available to the fitters, electricians, maintenance technicians and engineering technicians concerned.

⚠ **IMPORTANT!**

- Use protective gloves, helmet, steel-toed boots, ear defenders, protective goggles and high-vis vest when carrying out assembly, electrical connection, maintenance and operation of conveyor equipment.
- Stop the machinery and turn off electric power before attempting any type of assembly, electrical connection or maintenance work.
- All electrical equipment is to be connected by a qualified electrician. See separate connecting directions for electronics.
- Do not start the machinery without the lid, hatches, covers, guards and connections fitted in such a way they can only be opened with tools.

Outlet slide

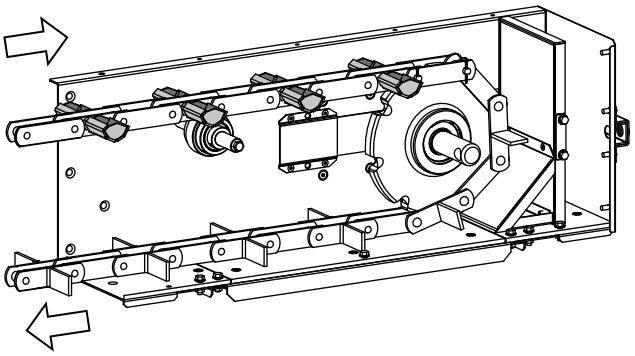
NB! The outlet slide is easier to fit before the conveyor is assembled.



Outlet slide in tail end/drive

⚠ **IMPORTANT!**

- If the outlet slides are fitted to the tail end/ drive, a 1 m length of chain with return buckets must be used for every 10 metres of conveyor chain.
- When conveying in normal direction, assemble chain lengths with return buckets as shown. NB! The bucket is more open in the direction the chain runs.
- If conveying is to be done in both directions, double the amount of chains with return buckets and direct every other one in the regular direction and the others in the opposite direction.



Tail end

1.
Remove components.

2A.

⚠ **IMPORTANT!**

Deburr sharp edges on bottom plates and side plates where the outlet slide shall be fitted.

Assemble the outlet slide using the enclosed bolts.
NB! First read points 2B and 2C.

2B.
Fit the outlet slide and adjust using the bolts (C) so that the outlet slide is sealed against the conveyor.

2C.
NB! Use joint sealant for additional sealing integrity.

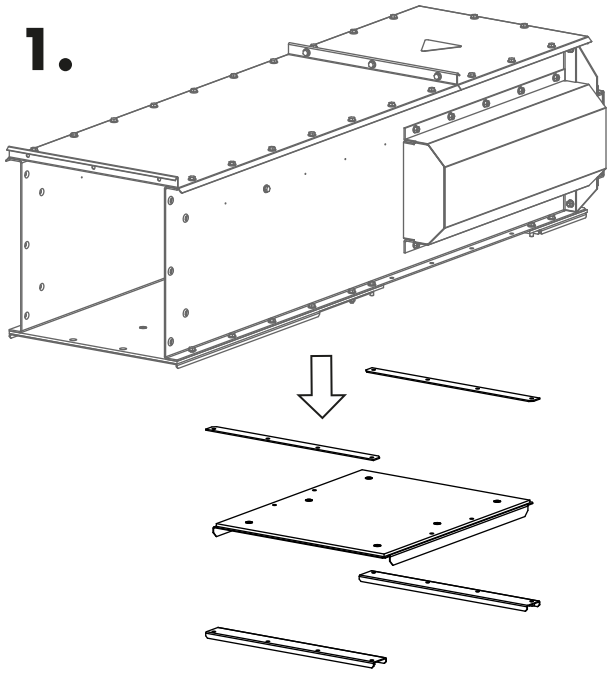
3.
Make sure the outlet slide is easy to regulate. Adjust if necessary by undoing bolts (D) and adjusting with bolts (E).

4.

⚠ **WARNING!**

If the outlet slide is powered by electric motor or pneumatics or is to be mounted outdoors, it must be equipped with a protective cover. See instructions at the end of these instructions.

1.



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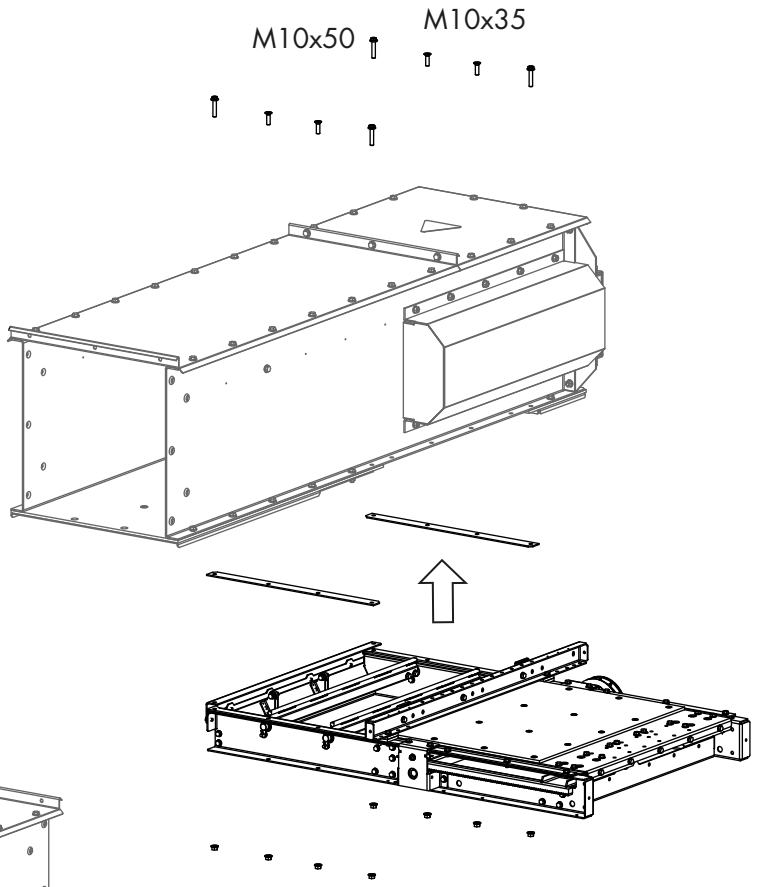

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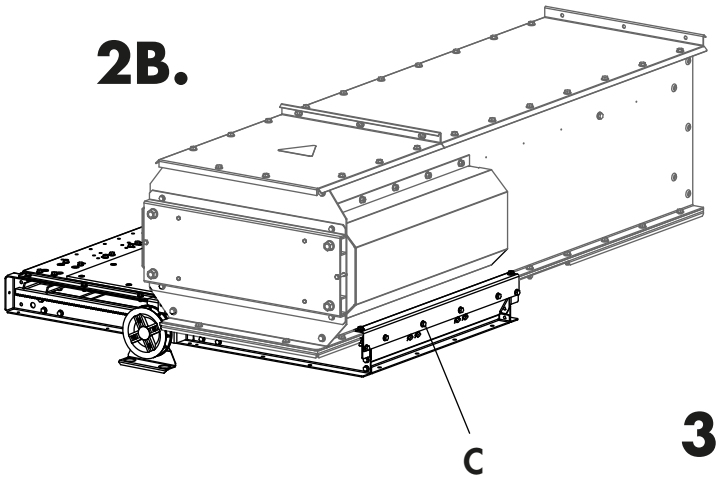

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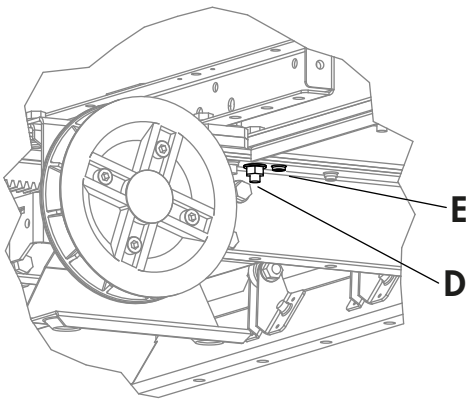


Drive

NB! When assembling the drive, it is often necessary to fit the outlet slide directed to the opposite side of the motor/gearbox.

1.
Remove components.

2A.
⚠ **IMPORTANT!**
Deburr sharp edges on bottom plates and side plates where the outlet slide shall be fitted.

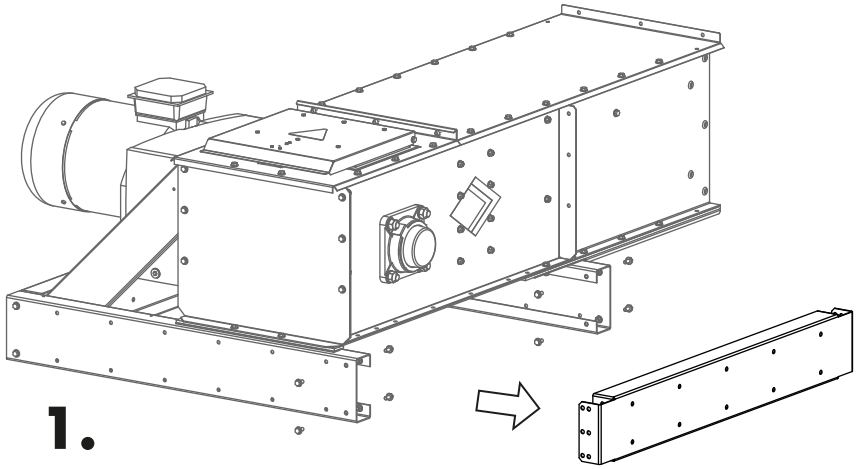
Assemble the outlet slide using the enclosed bolts.Fit the transverse beam (B) underneath in the new way. NB! First read points 2B and 2C..

2B.
Fit the outlet slide and adjust using the bolts (C) so that the outlet slide is sealed against the conveyor.

2C.
NB! Use joint sealant for additional sealing integrity.

3.
Make sure the outlet slide is easy to regulate. Adjust if necessary by undoing bolts (D) and adjusting with bolts (E).

4.
⚠ **WARNING!**
If the outlet slide is powered by electric motor or pneumatics or is to be mounted outdoors, it must be equipped with a protective cover. See instructions at the end of these instructions.



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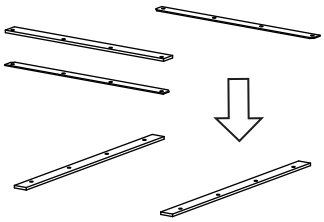

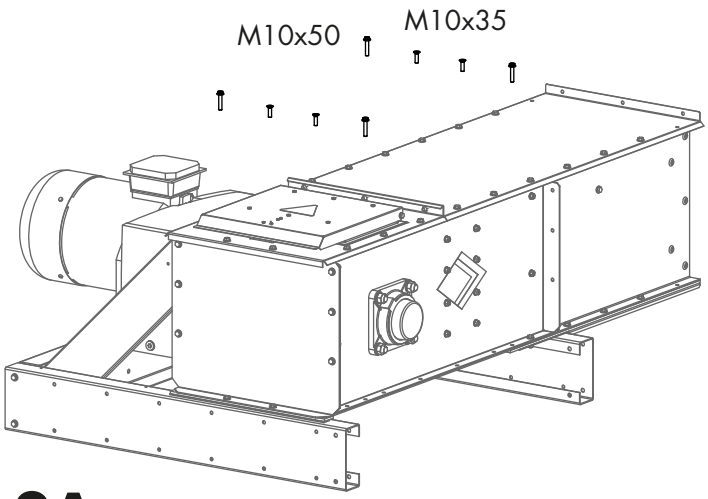

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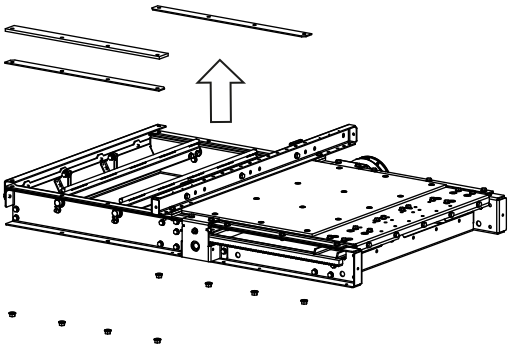
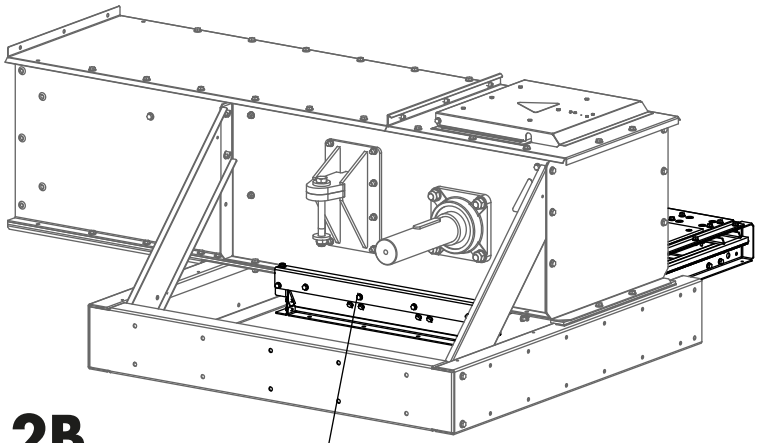
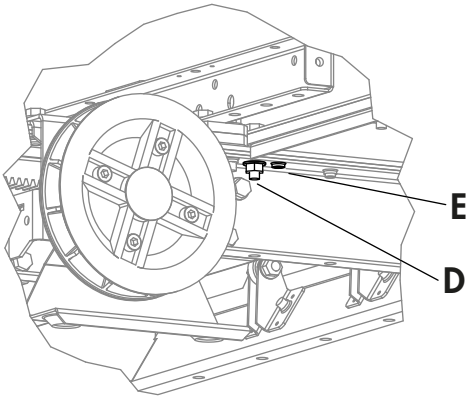




2B.

3.

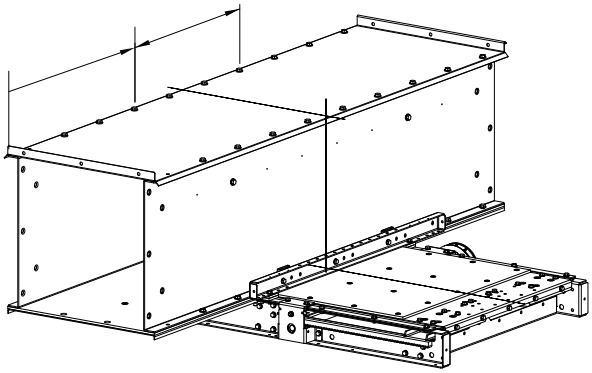


Outlet slide in intermediate section

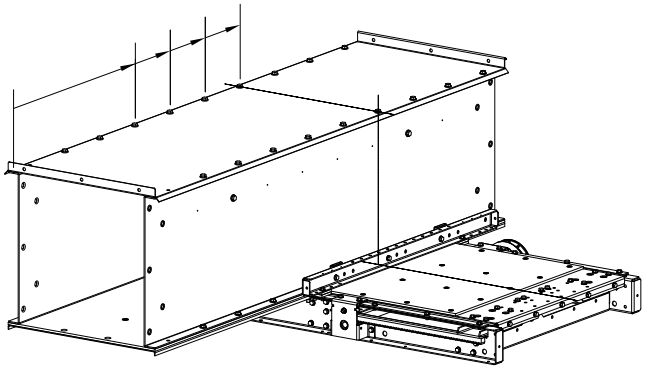
The centre of the outlet slide can be placed between 500 and 1500 mm in on a 2000 mm long intermediate section.

NB! If the outlet slide is placed 700, 900, 1100 eller 1300 in on the intermediate section, it can be attached to existing holes. Locating it anywhere else will mean drilling new holes.

700-1300 mm



700, 900,1100,1300 mm



1.
Dismantle the intermediate section.

2.
Mark the centre line for the outlet slide. Mark out lines (X) for cutting the bottom plate and centre lines (Y) for bolt hole location (A). See dimension in the table/illustration.

3.
Cut the bottom plate.

4.
Cut away some of the edges of the bottom plate on both sides towards the opening. See dimension Z in the table/illustration.

5.
Drill holes (A) in the bottom plates, see dimensions in the table/illustration. Use existing holes on the outlet slide as a template.

⚠ **IMPORTANT!**
Countersink the holes.

6.
Assemble the intermediate section's side plates with the bottom plates, but not at the bolt holes closest to the outlet opening.

7.
⚠ **IMPORTANT!**
Deburr sharp edges on bottom plates and side plates where the outlet slide shall be fitted.

8.
If the centre of the outlet slide is positioned so that the existing hole pattern in the conveyor cannot be used for assembly:
Drill holes (B) through the bottom plates and the lower edge of the side plates, see dimension in the table/illustration. Use existing holes on the outlet slide as a template.

9A.
Assemble the outlet slide using the enclosed bolts.
NB! First read points 2B and 2C.

⚠ **IMPORTANT!**
Ensure the countersunk bolts (A) do not protrude above the bottom plate.

9B.
Fit the outlet slide and adjust using the bolts (C) so that the outlet slide is sealed against the conveyor.

9C.
NB! Use joint sealant for additional sealing integrity.

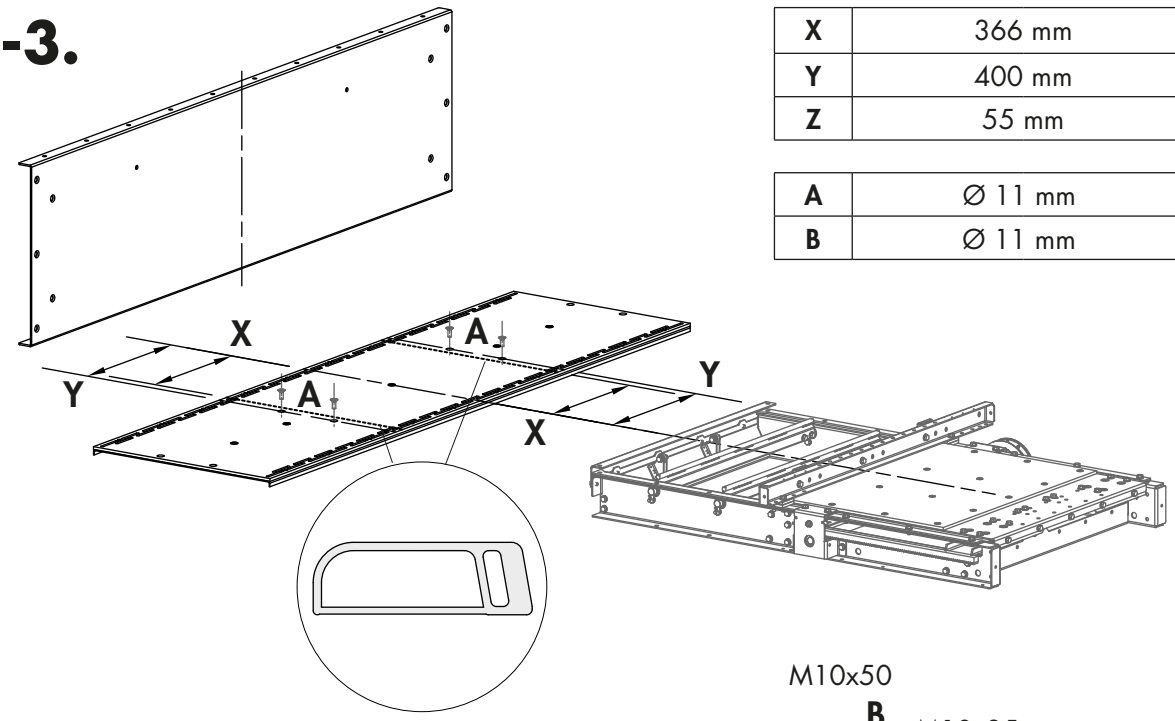
10.
Make sure the outlet slide is easy to regulate. Adjust if necessary by undoing bolts (D) and adjusting with bolts (E).

11.
⚠ **WARNING!**
If the outlet slide is powered by electric motor or pneumatics or is to be mounted outdoors, it must be equipped with a protective cover. See instructions at the end of these instructions.

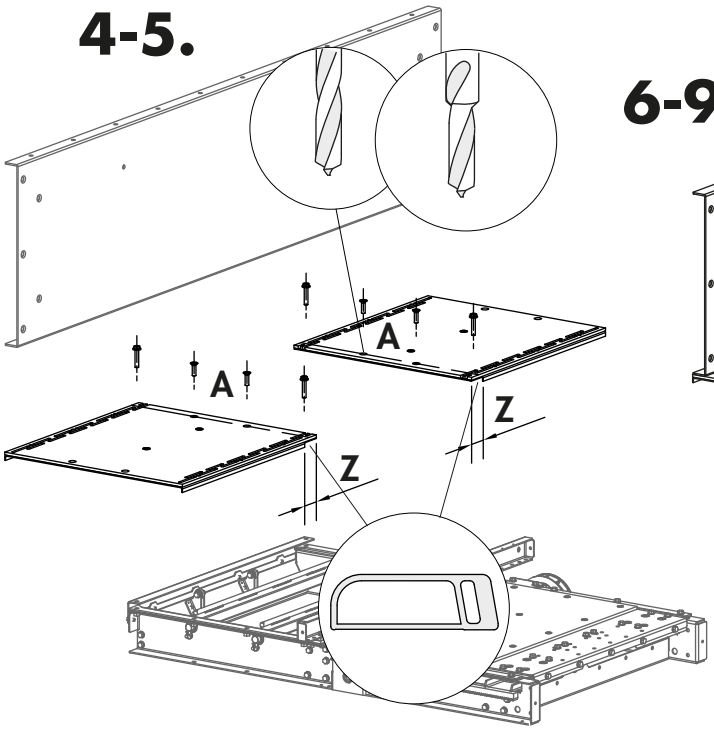
1-3.

X	366 mm
Y	400 mm
Z	55 mm

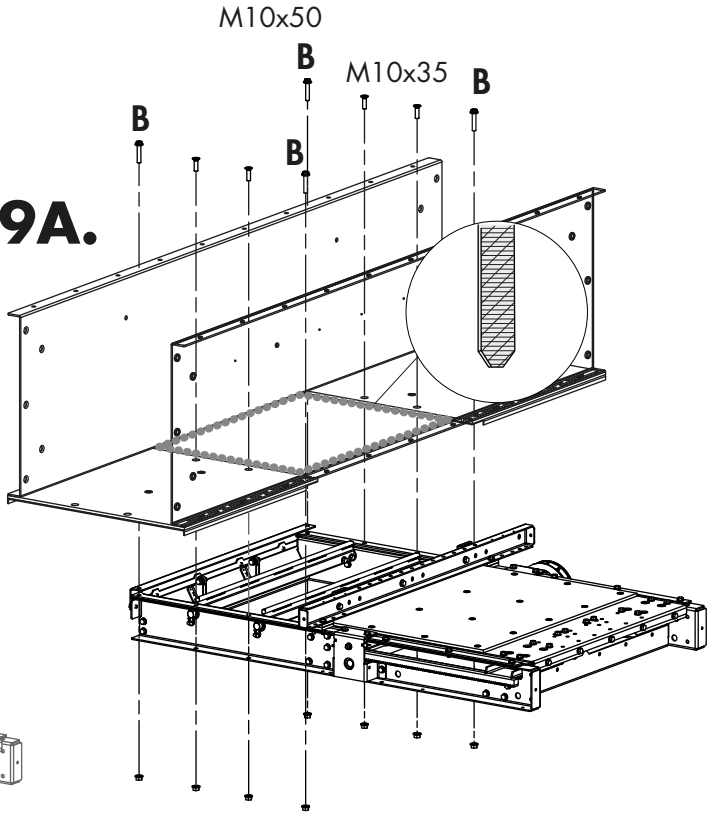
A	Ø 11 mm
B	Ø 11 mm



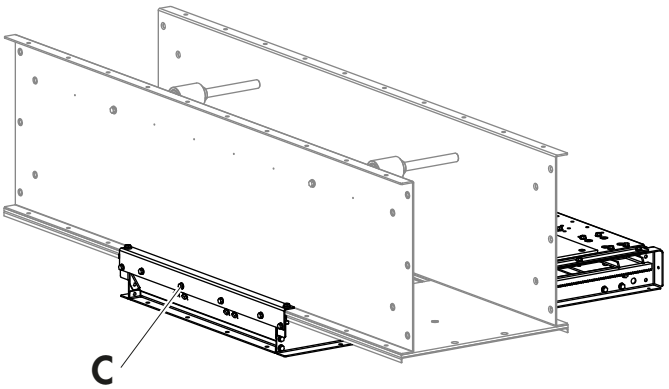
4-5.



6-9A.



9B.



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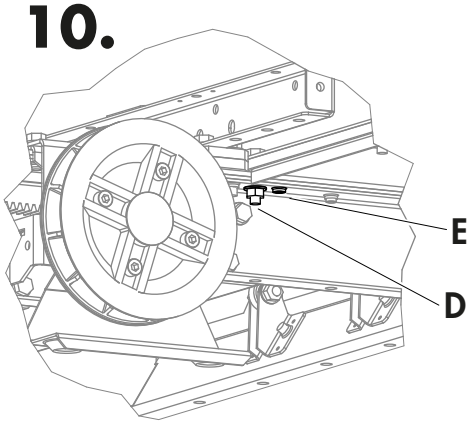


Brush for outlet slide

NB! The brush is fitted only on the outlet slide in the intermediate section.

⚠ **IMPORTANT!**
If several outlet slides are to be open at the same time, a brush cannot be used.

Fit the brush X mm (see dimension X in the table/illustration) from the centre of the outlet slide in the direction of travel. Fit the brush over the centre of the outlet slide when the direction of travel is in both directions.

1.
Mark out the horizontal centre line of the chain return rollers. Mark out the vertical centre line for the position of the brush shaft.

⚠ **IMPORTANT!**
Remove a chain return roller if it is in the way of the brush. It must be possible to fully raise the brush when the outlet slide is closed.

2.
Drill a hole for the brush shaft where the market-out centre lines intersect, see dimension in the table/illustration.

3.
Drill a hole for the brush shaft's bearings, see dimension in the table/illustration. Use the bearings as a template.

4.
Fit components.

⚠ **IMPORTANT!**
Fit the brush in the centre of the brush shaft. The flat side of the brush is to be turned in the direction of travel.

5.
Insert the rotated flat bar between the adjustable bearings (A) in the bracket. Final adjustment of bearing position is made later.

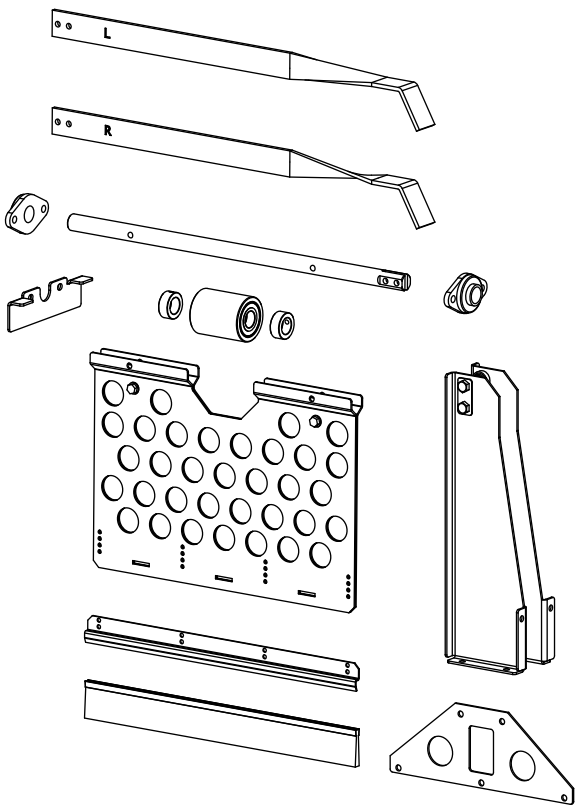
NB! Use a left-handed brush shaft (marked L) if it is fitted on the left-hand side and a right-handed brush shaft (marked R) if it is fitted on the right-hand side.

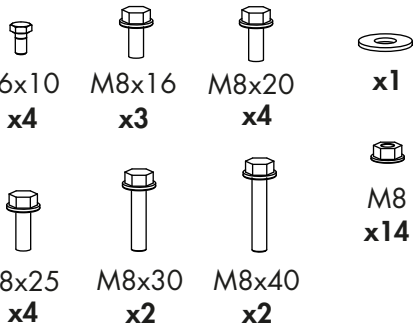
6.
Fit components and fully tighten the bolts (B). Bolt (C) is only partially tightened.

7.
Close the outlet slide and then finish adjusting the position of the ball bearings (A). Open the outlet slide and then tighten the screws (C) completely.

8.

⚠ **IMPORTANT!**
Check the operation of the brush while the outlet slide is opening and closing.





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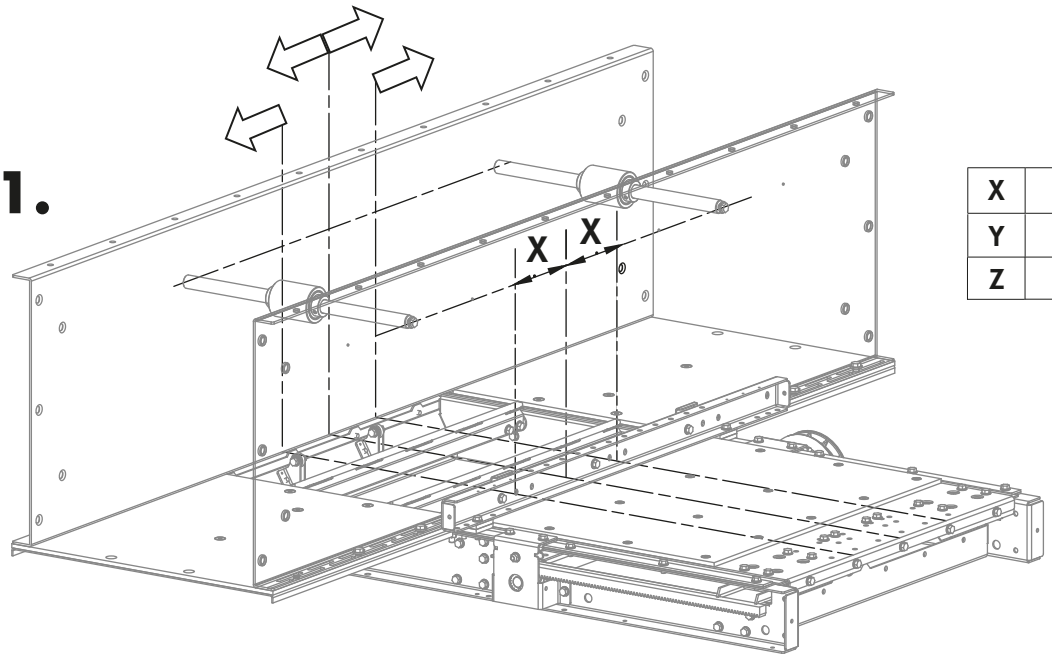
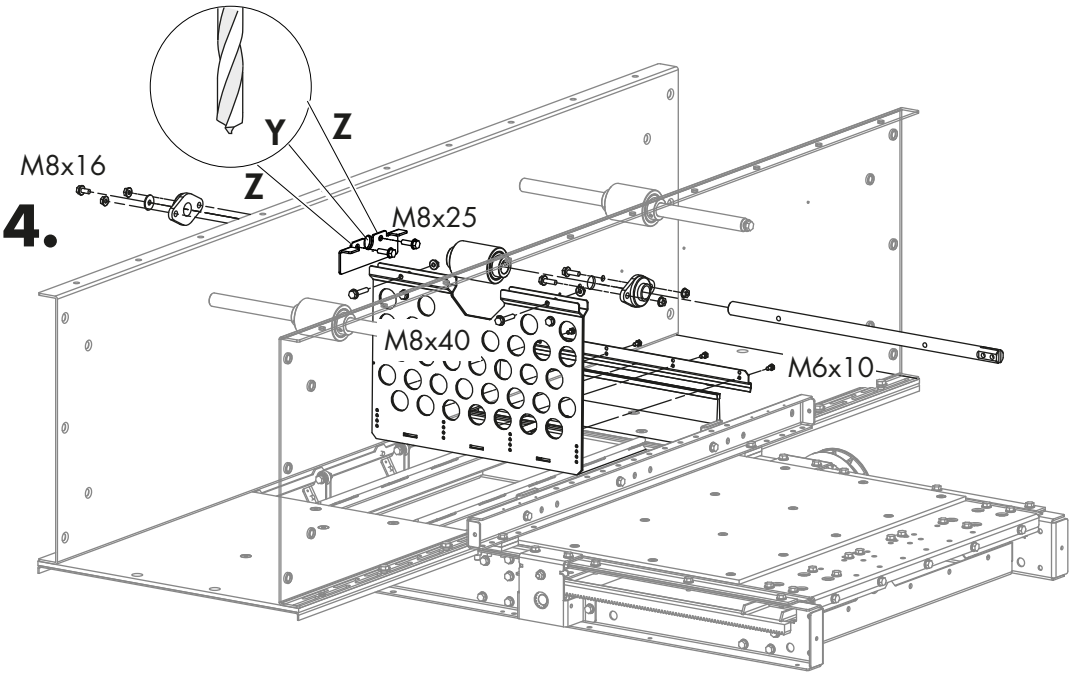


X	150 mm
Y	Ø 27 mm
Z	Ø 8,5 mm

2-4.



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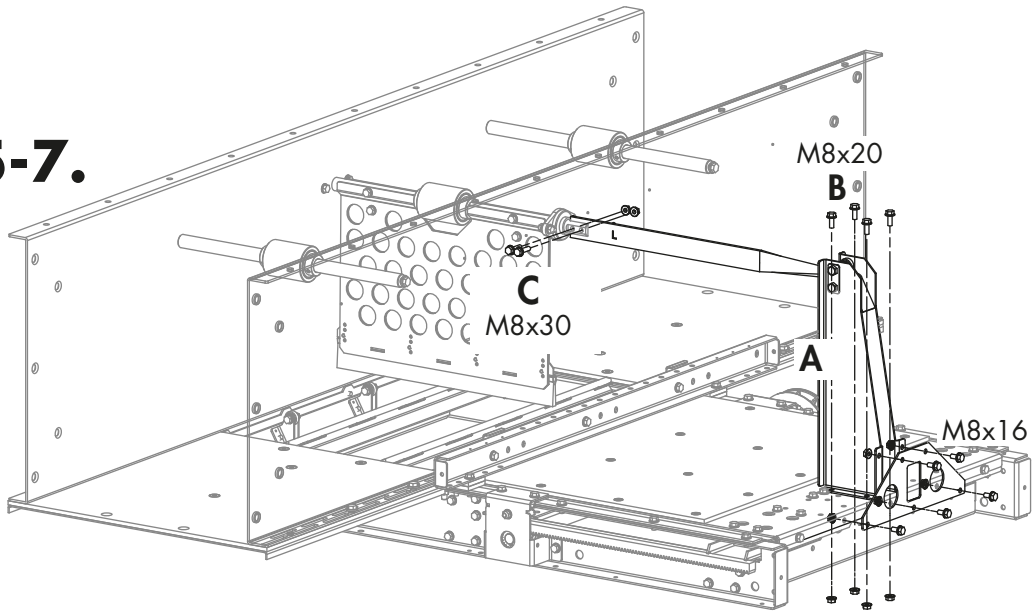
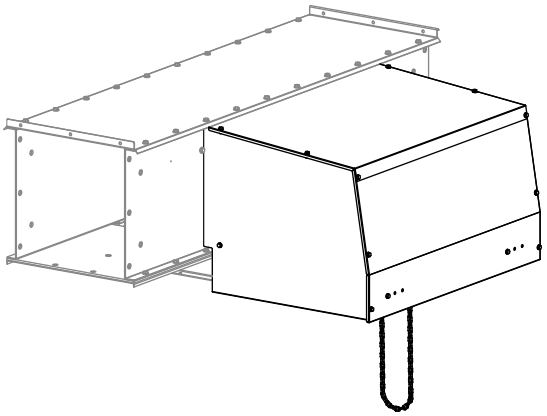
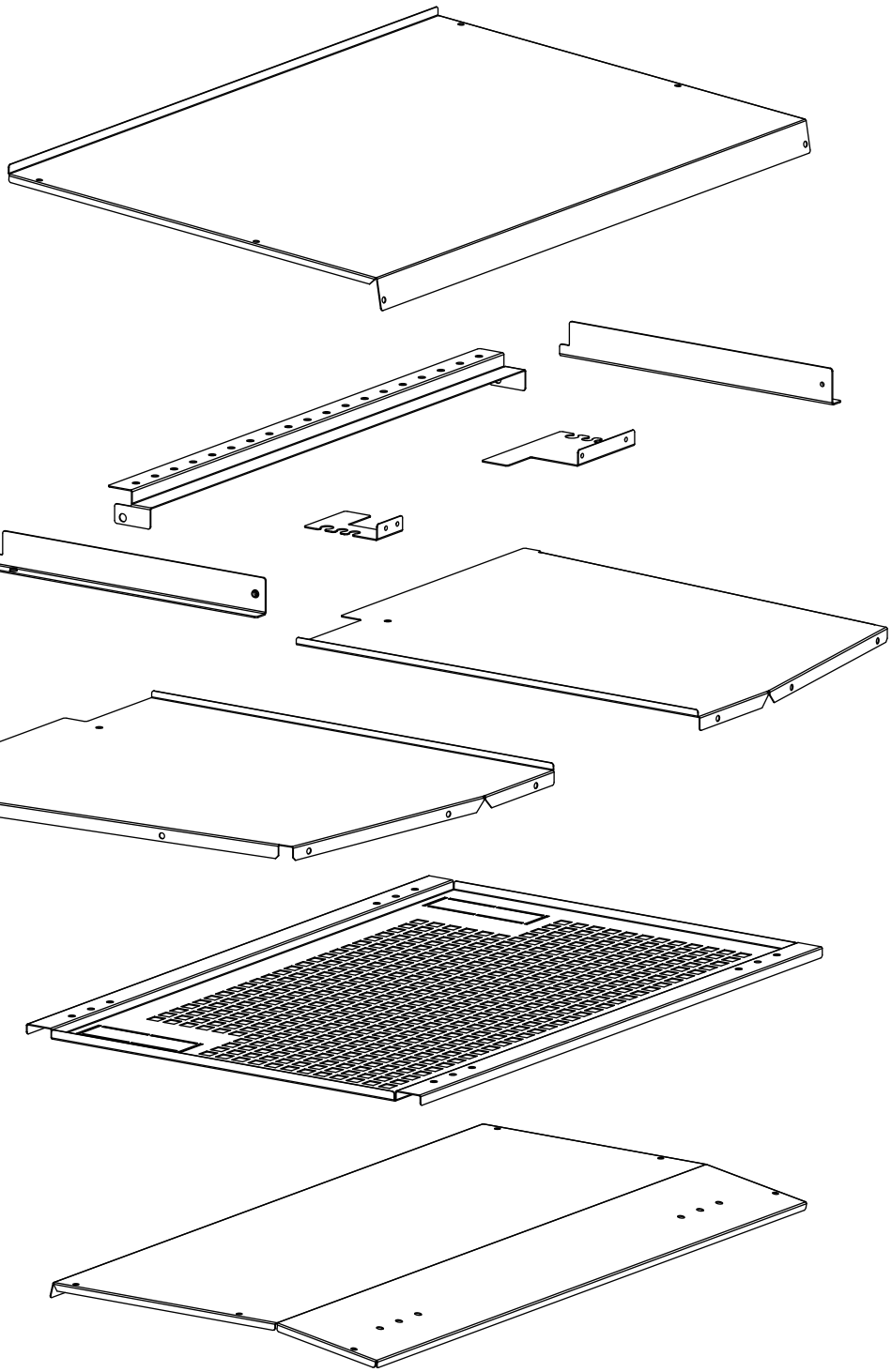




M8x16
x26

M8
x10



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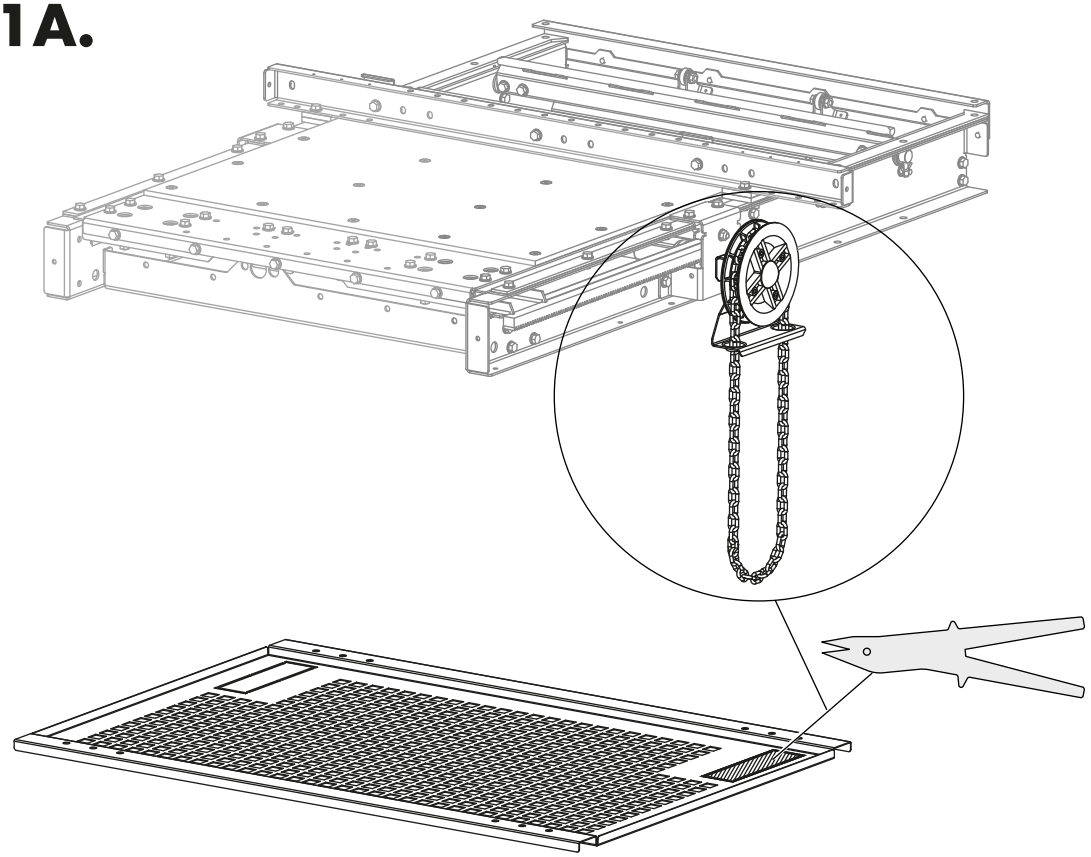

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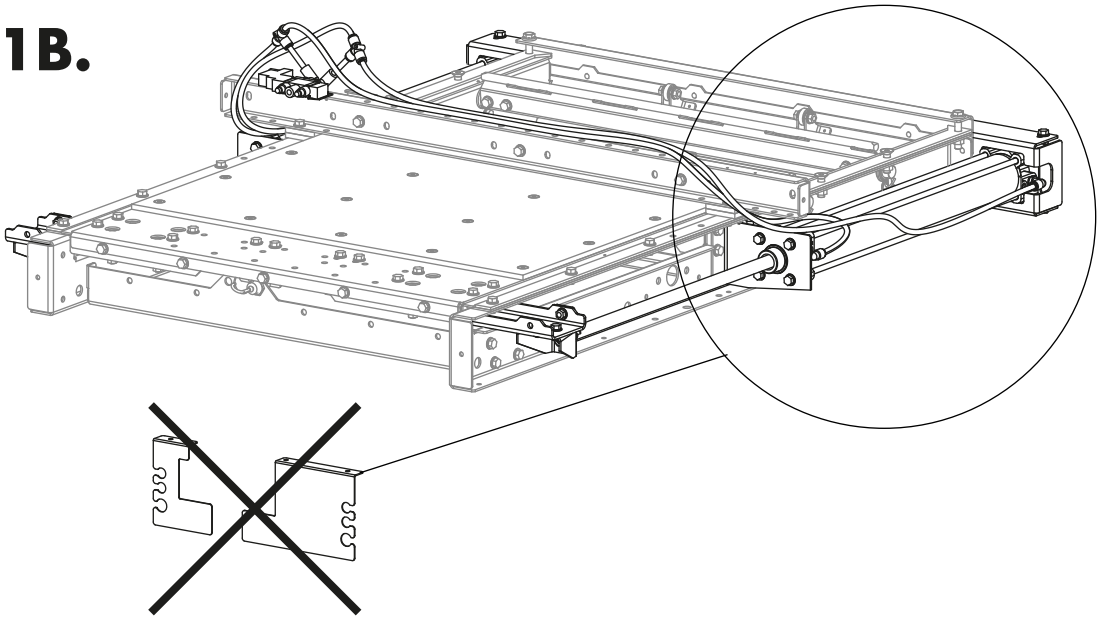

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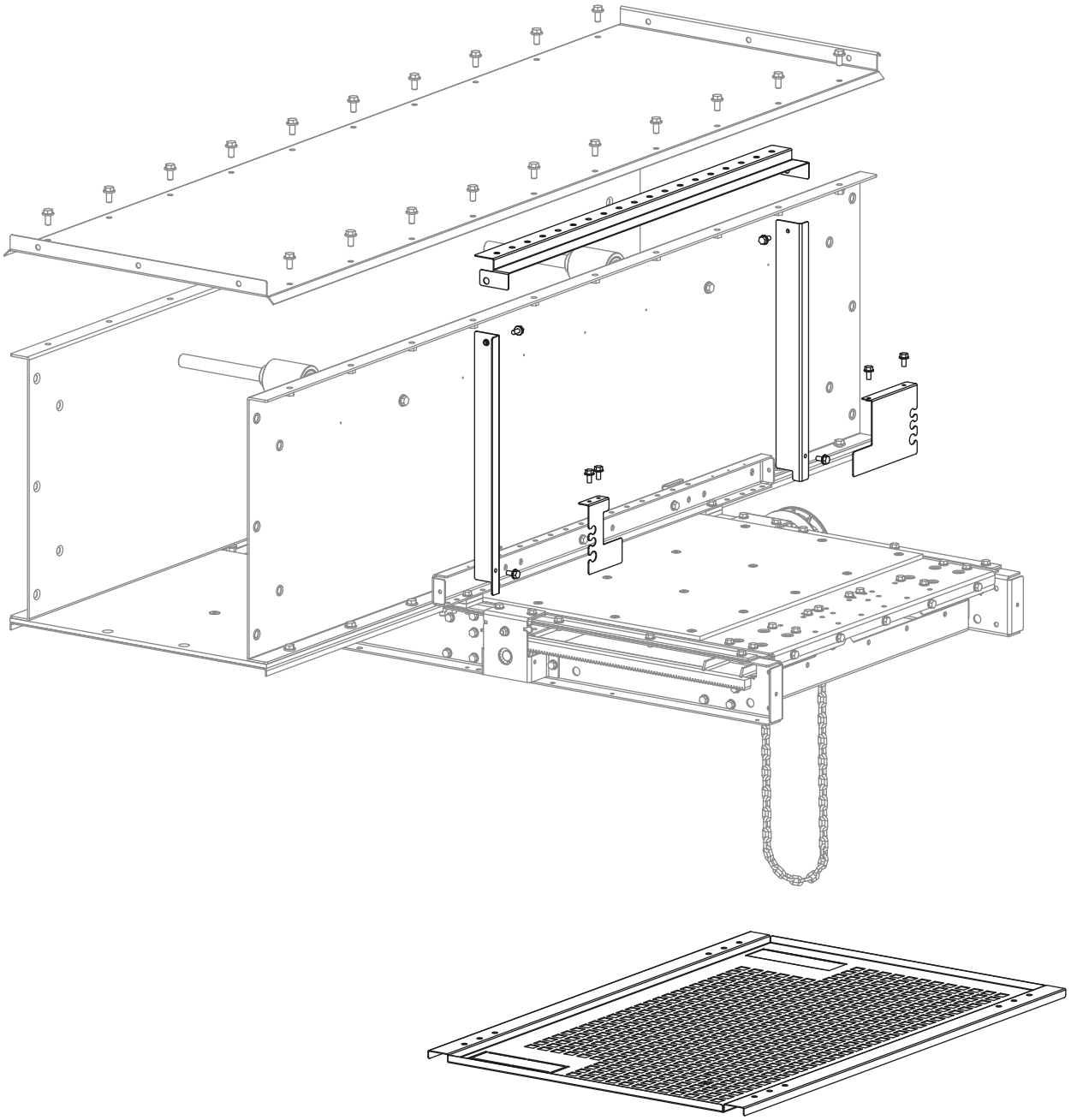

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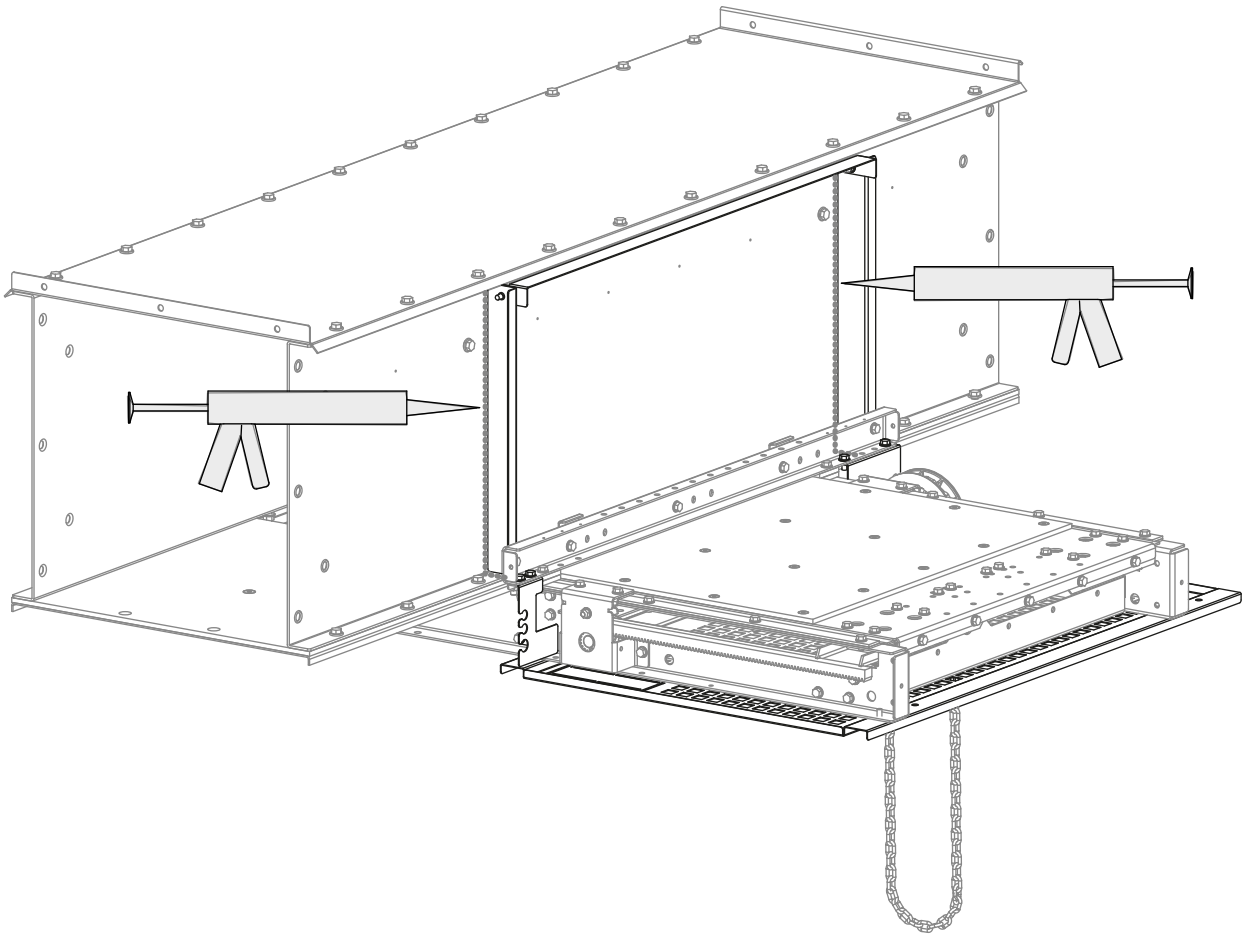

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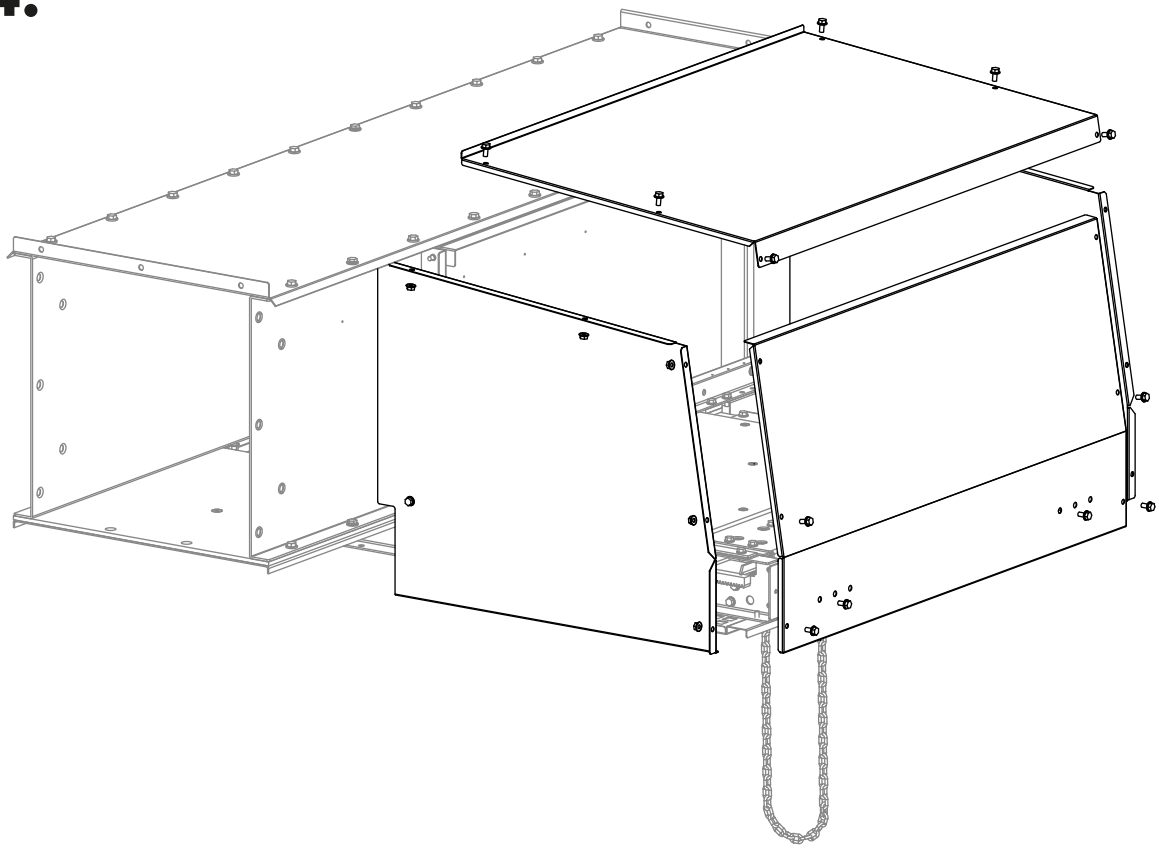
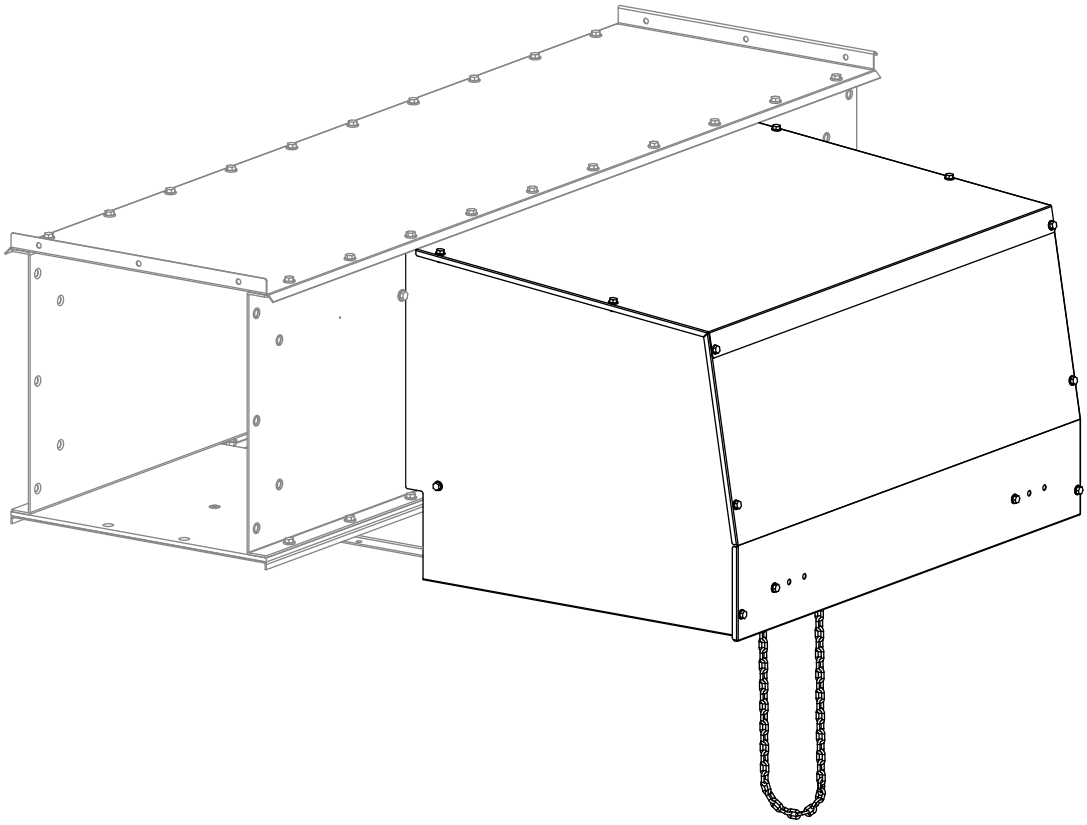
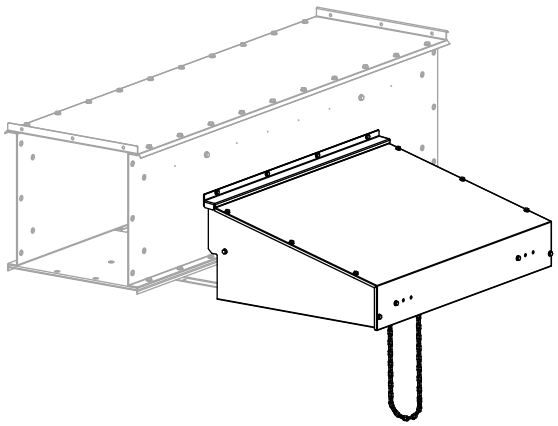
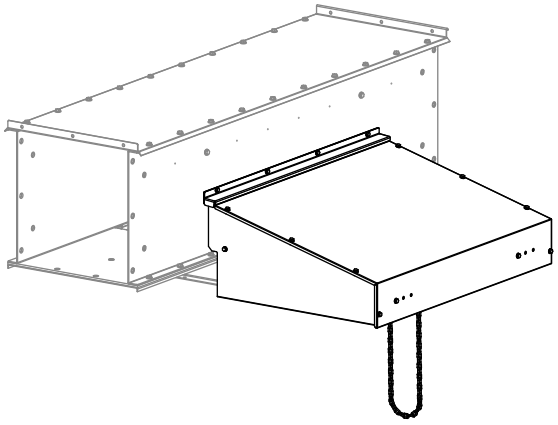
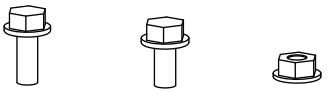






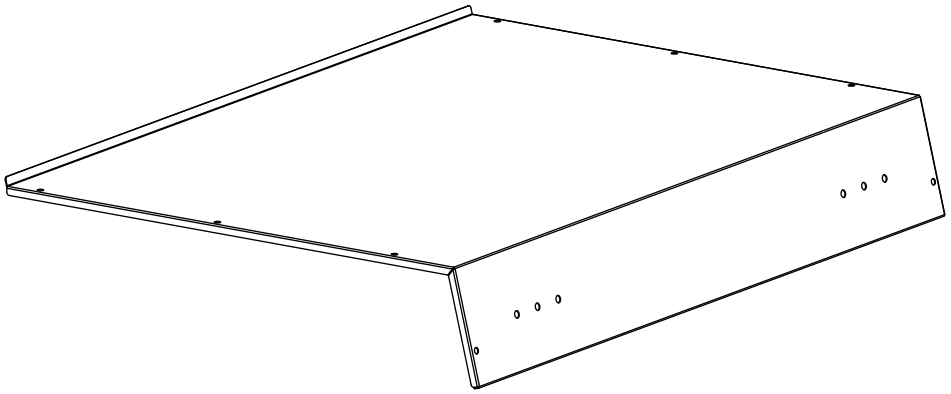


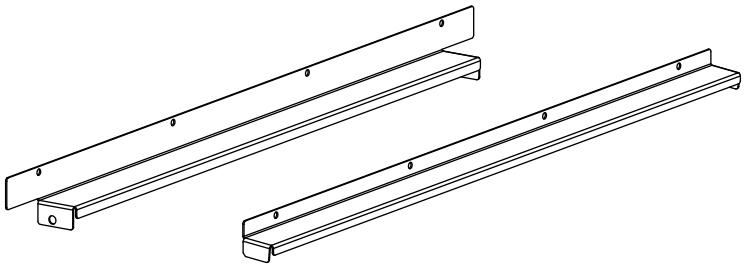


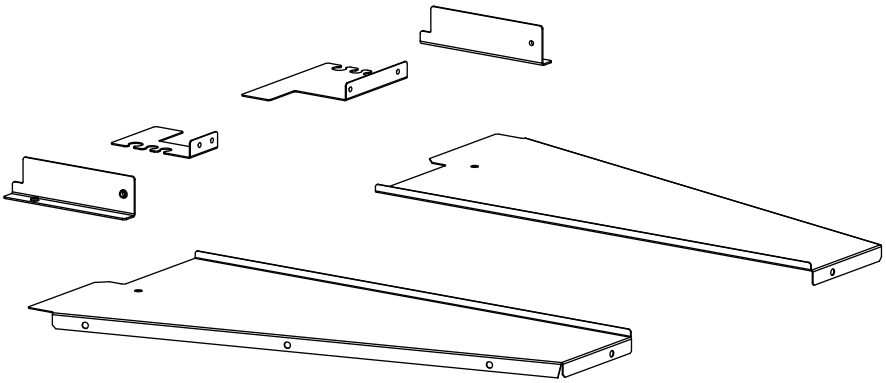
M8x20
x4

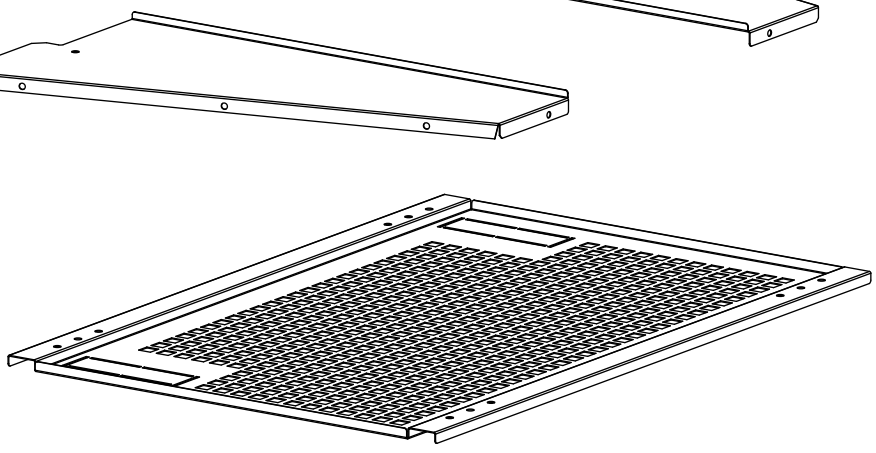
M8x16
x24

M8
x12









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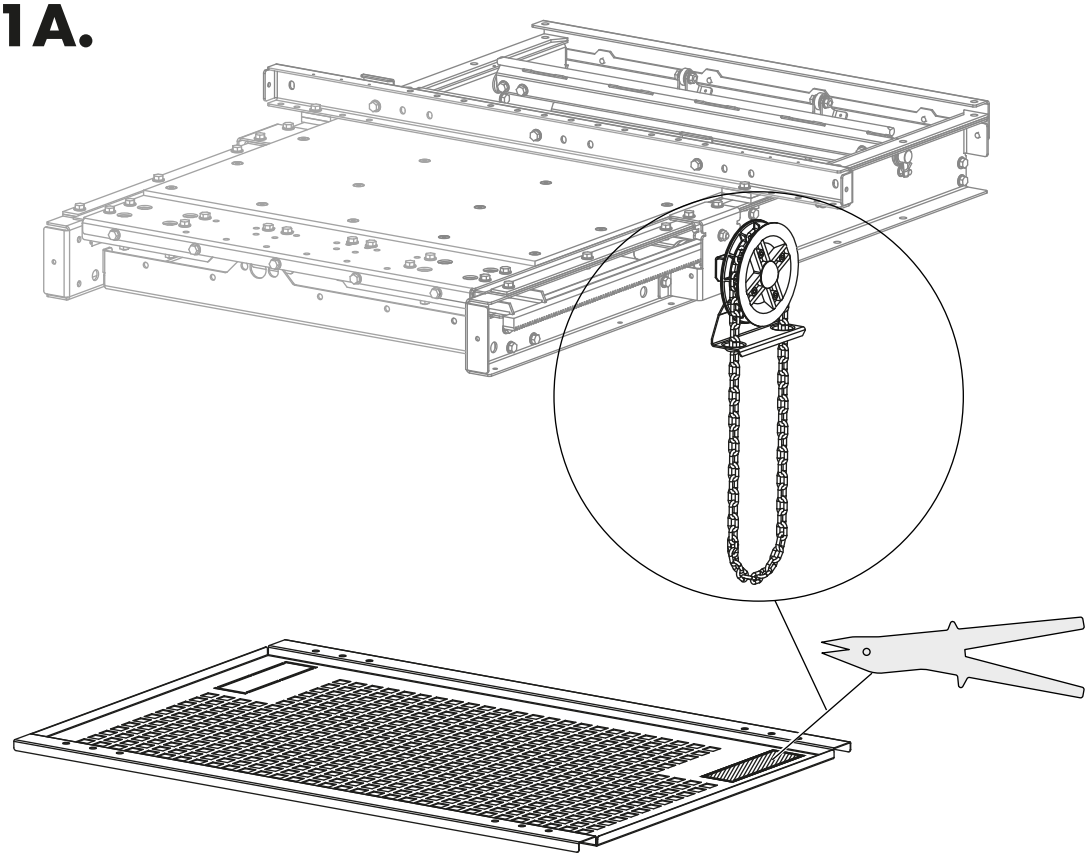

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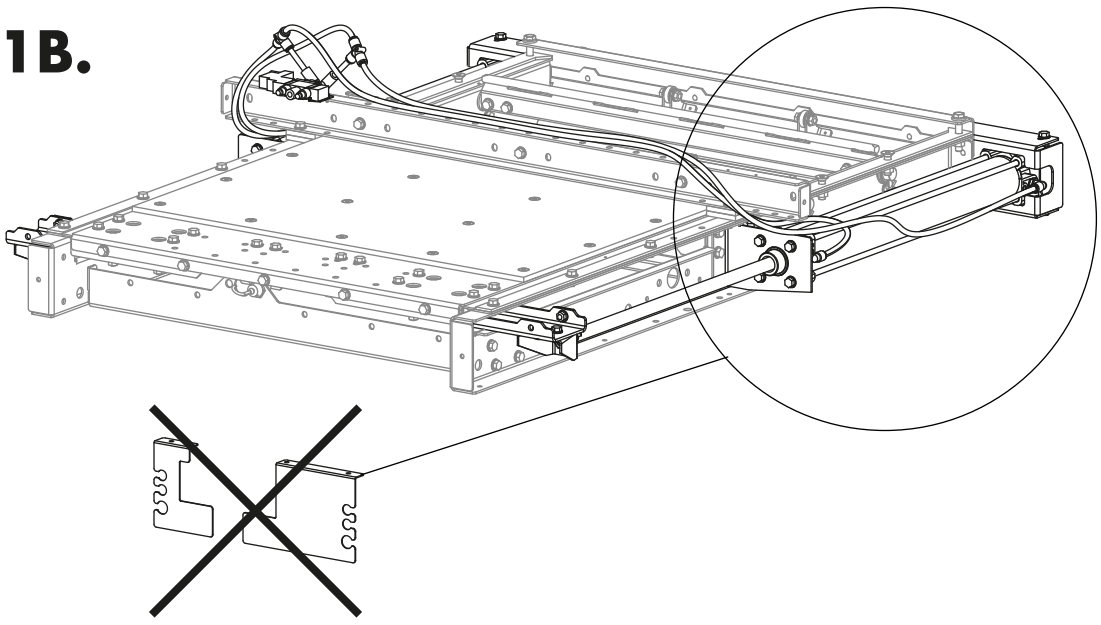

2.

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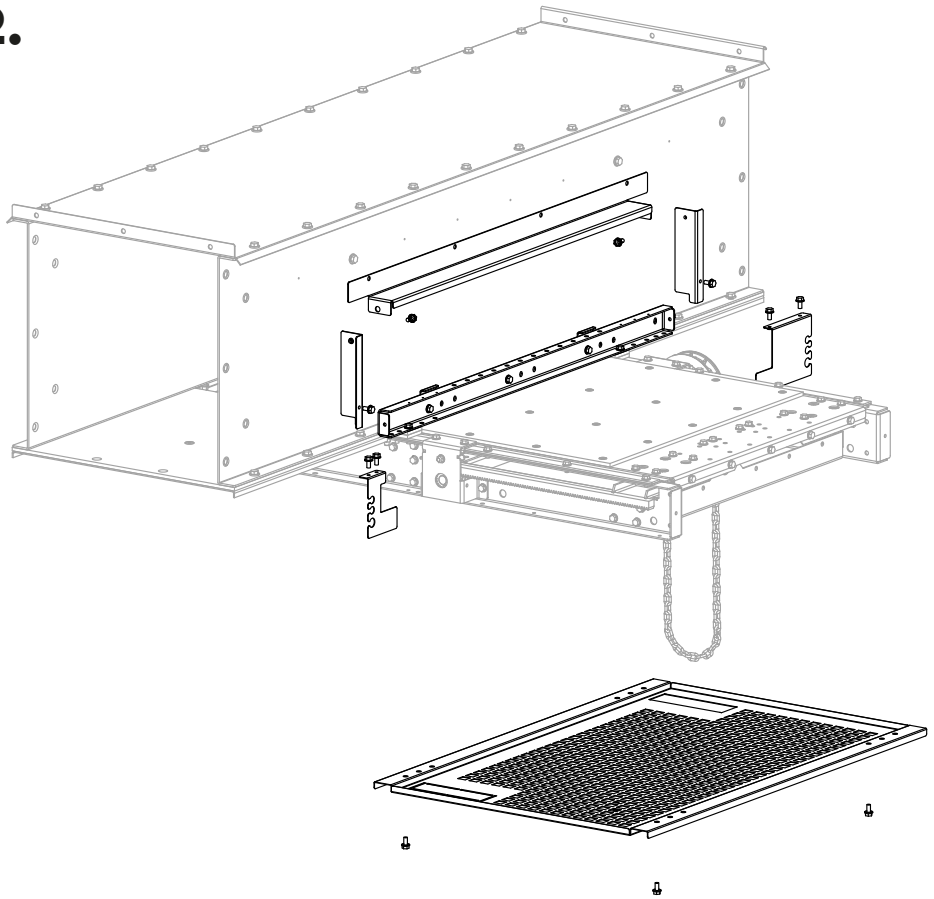

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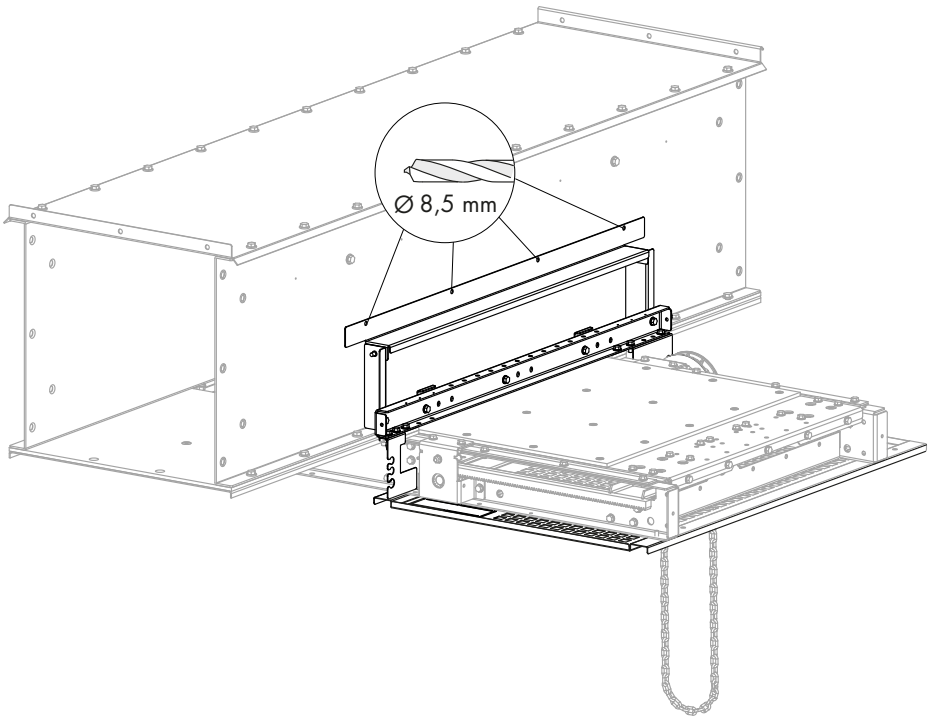

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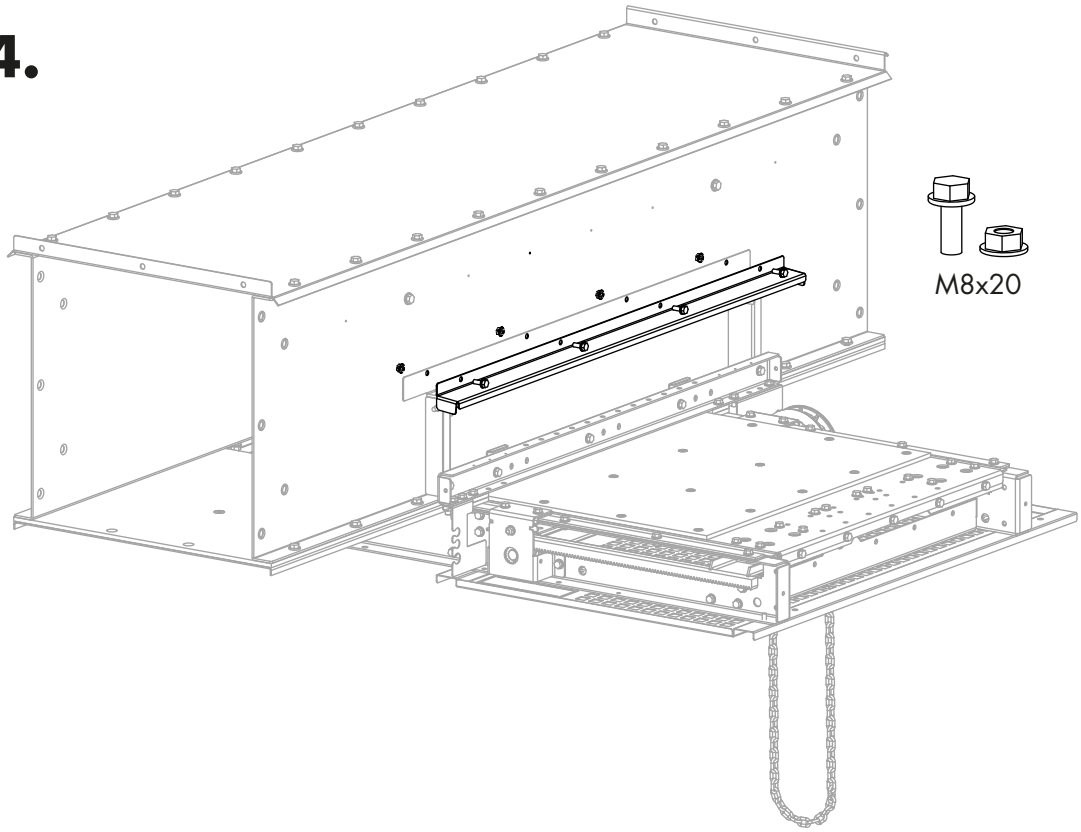

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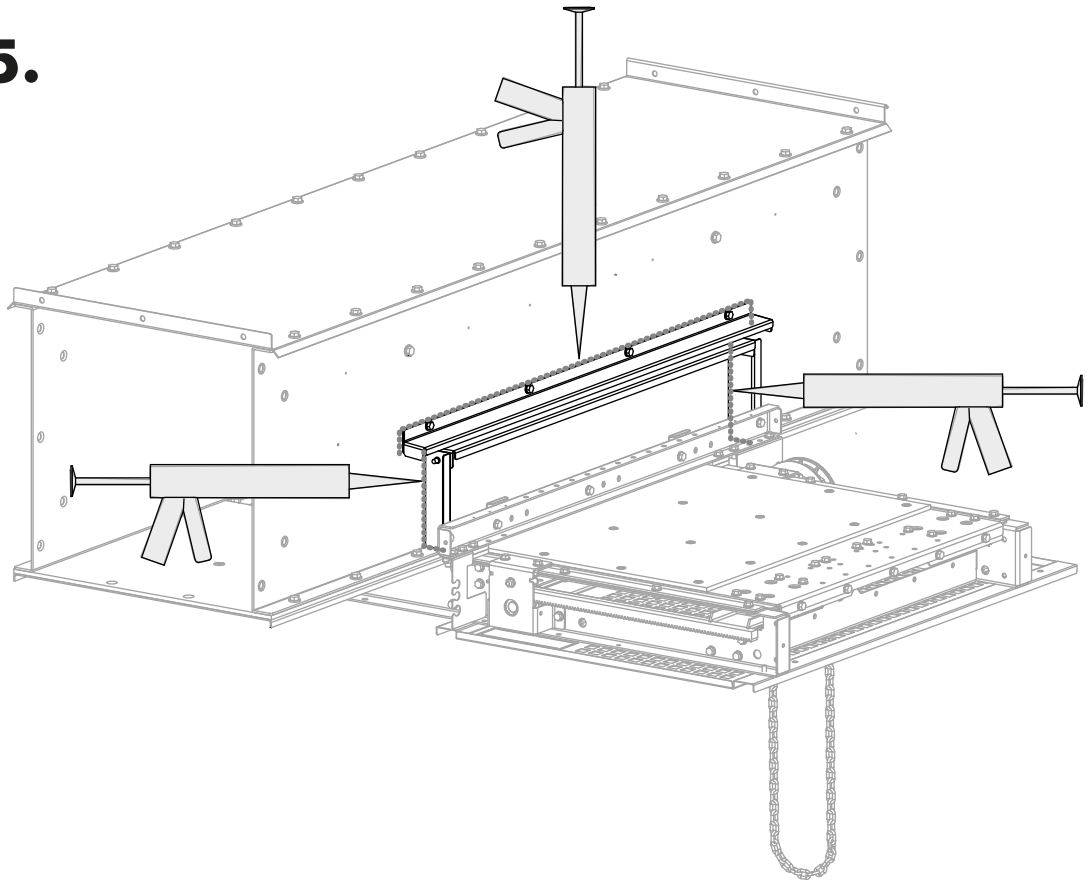

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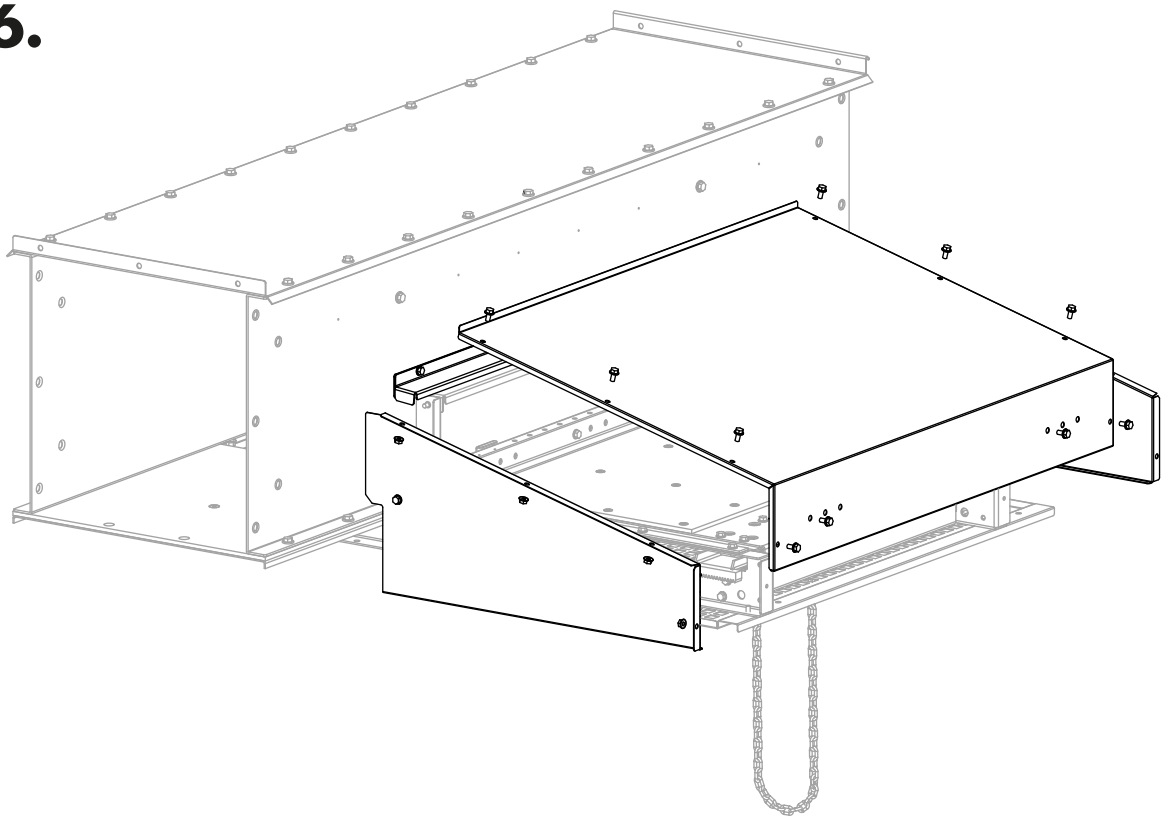

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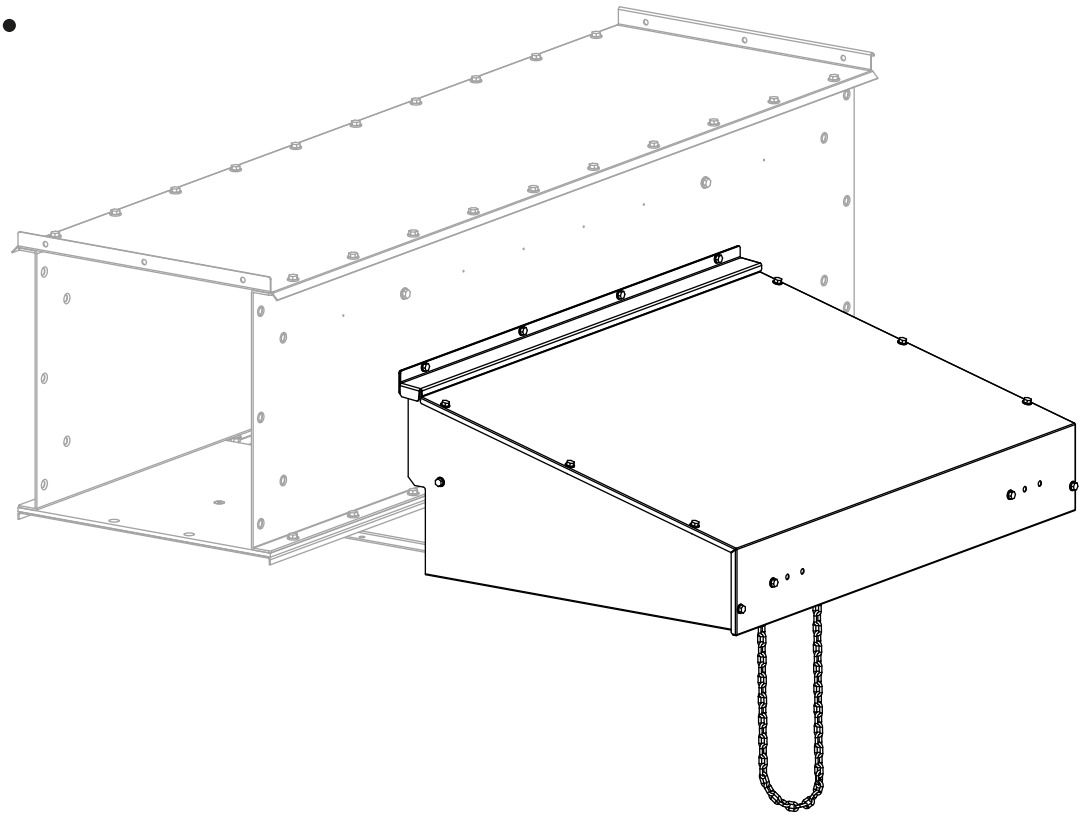

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