

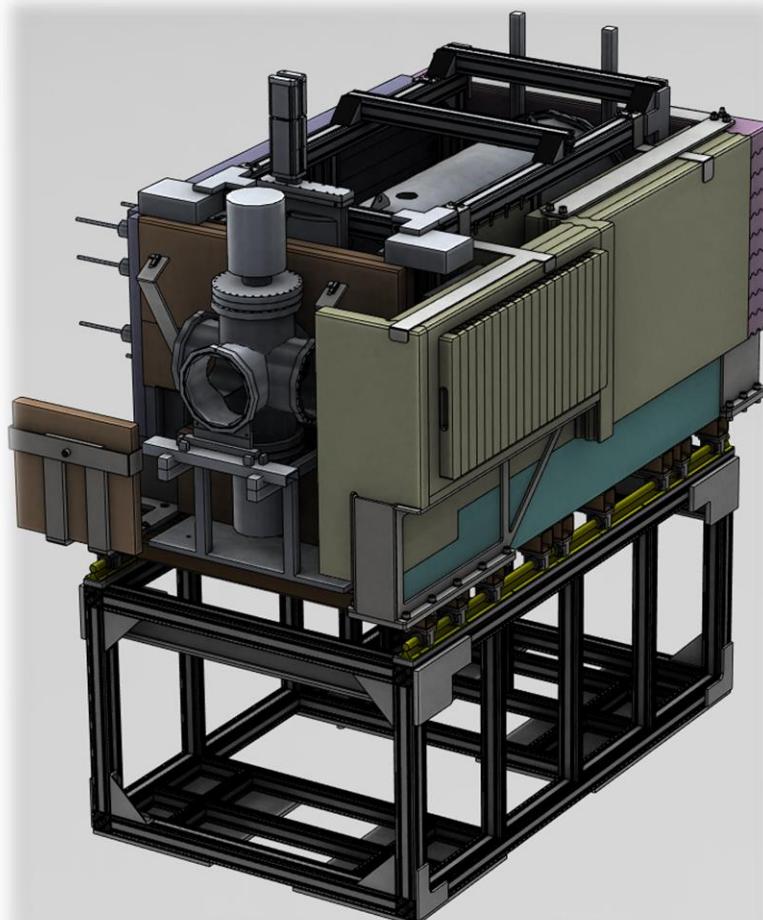
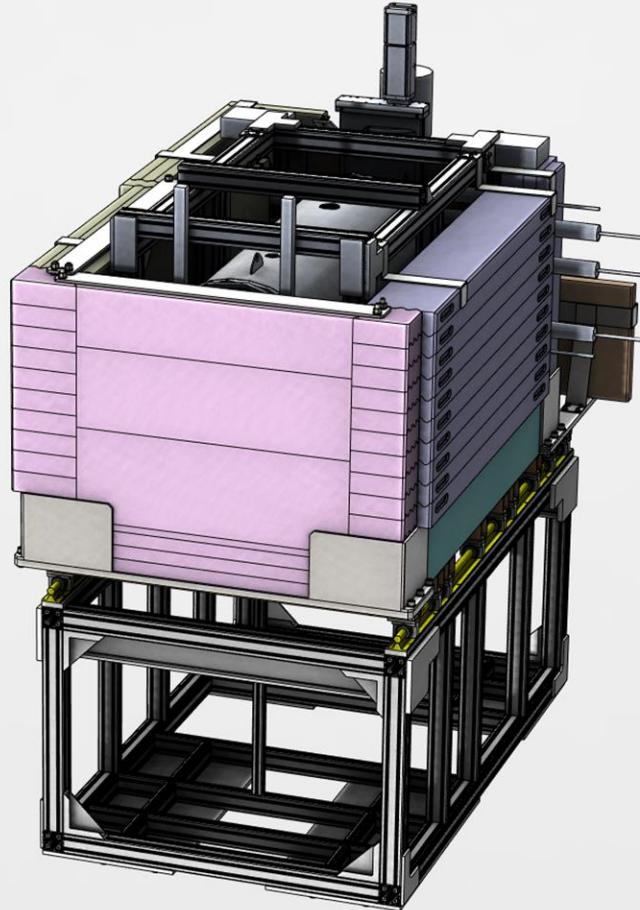


CSC shielding assembly instructions

FRS @ GSI

Introduction

- ▶ Step-by-step guide to putting together the shielding.
- ▶ The different part numbers correspond to the **technical drawings**.
- ▶ Included glovebox installation.



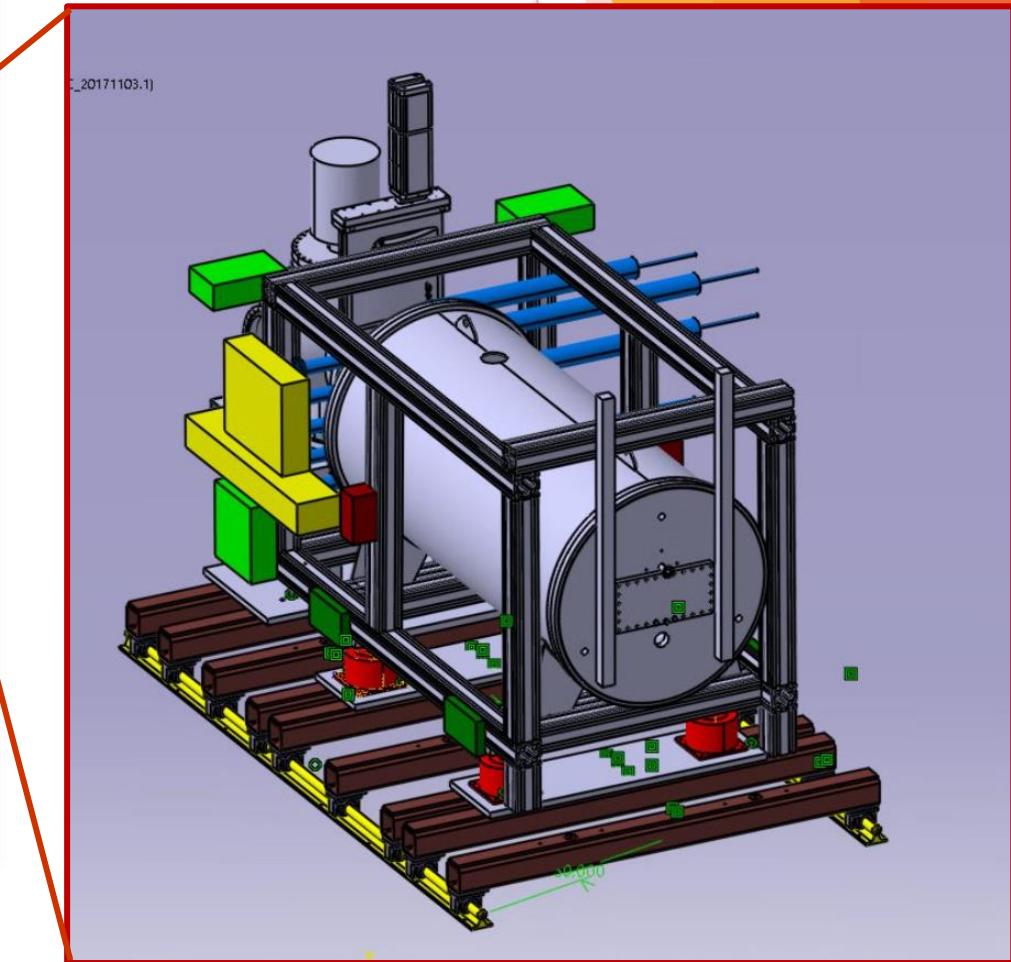
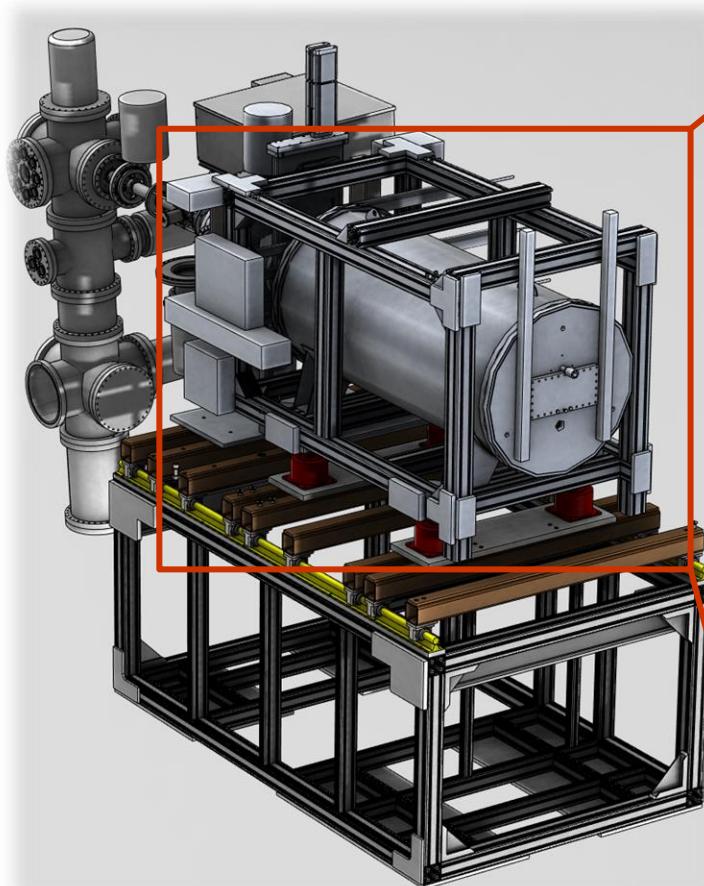
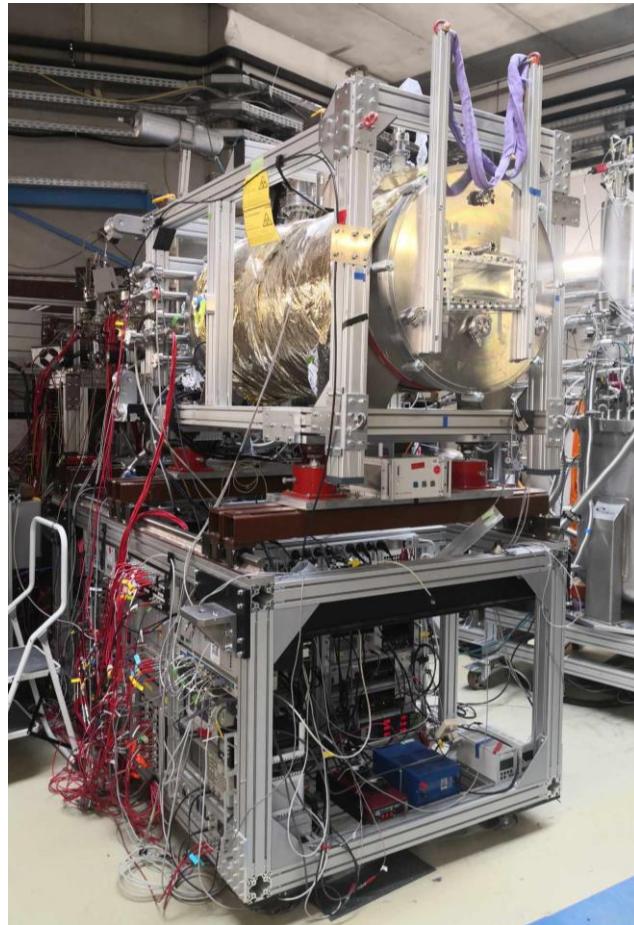
I. Introduction

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2. Assembly
3. Glovebox installation

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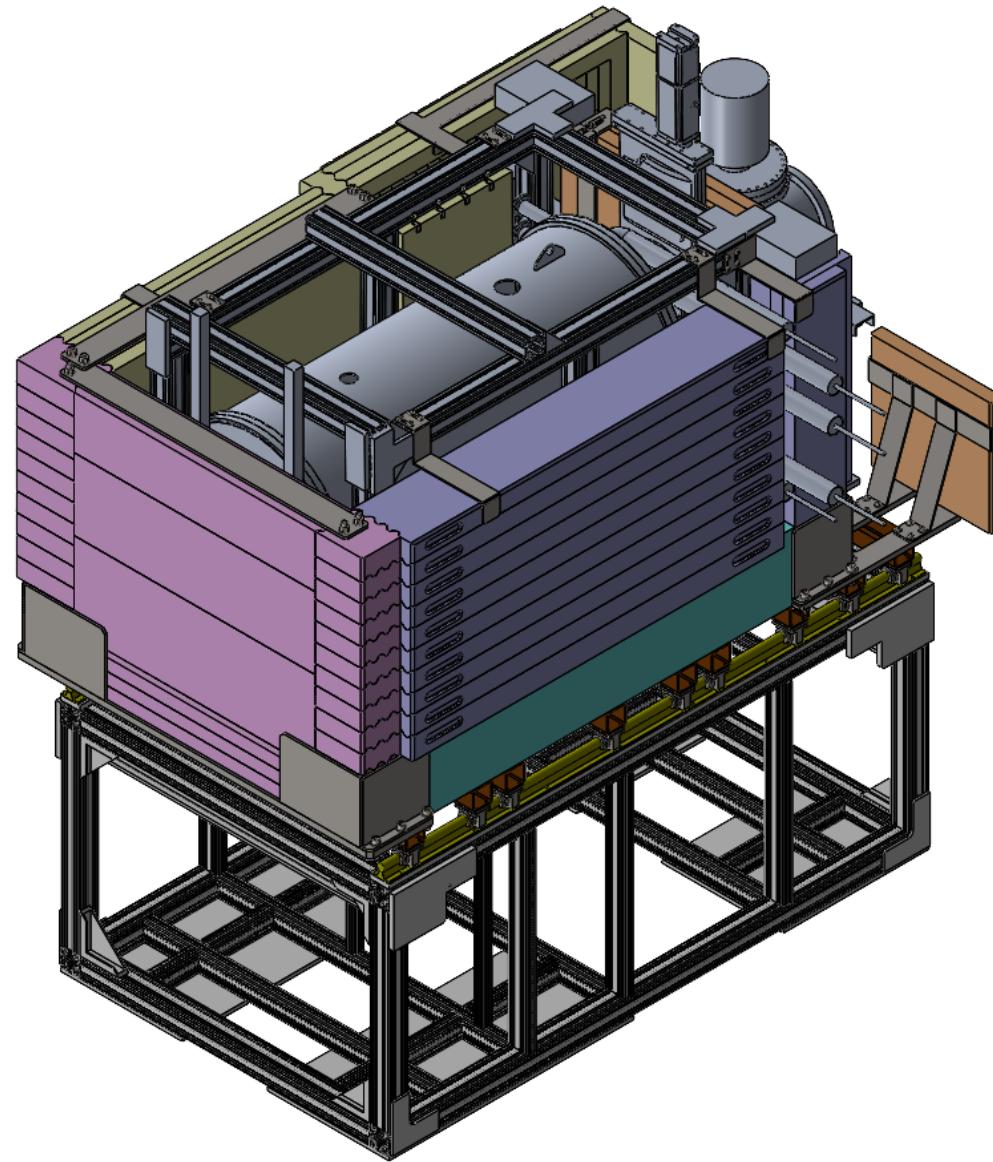
► A look at the current CSC as found at GSI.



I. Introduction

- ▶ For easier reference, the shielding design is split into 5 parts

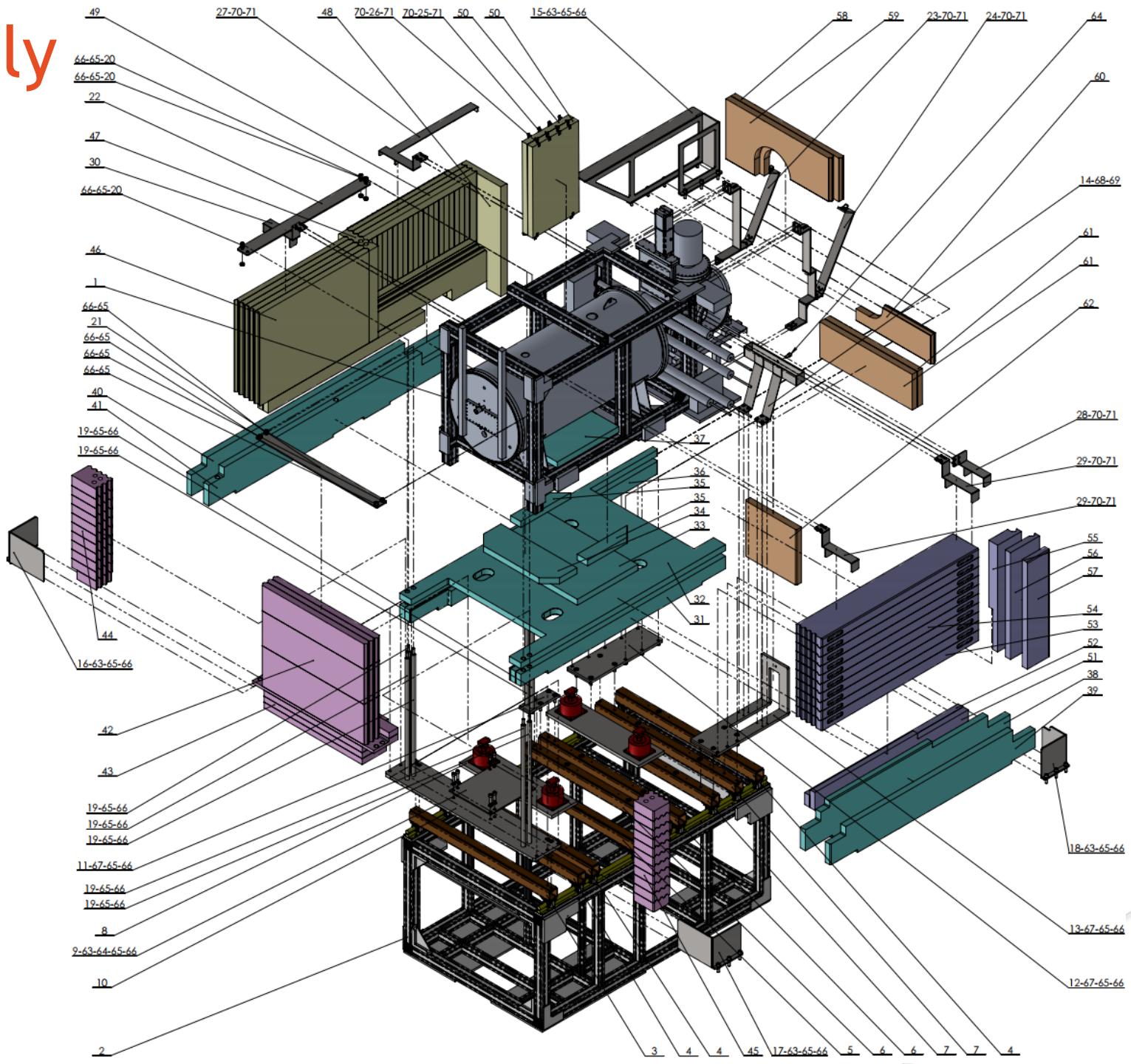
- pink (front)
- yellow (left)
- purple (right)
- orange (rear)
- teal (bottom)



2. Assembly

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Assembly



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2. Assembly

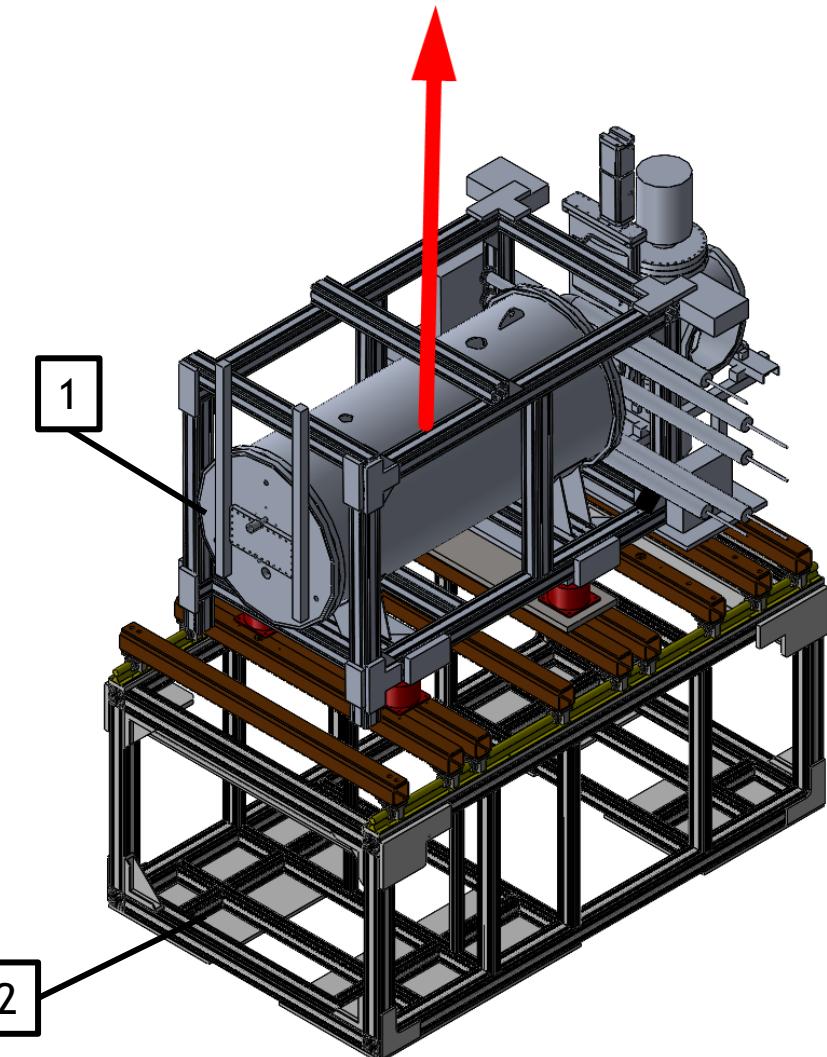
3. Glovebox installation

I. Introduction

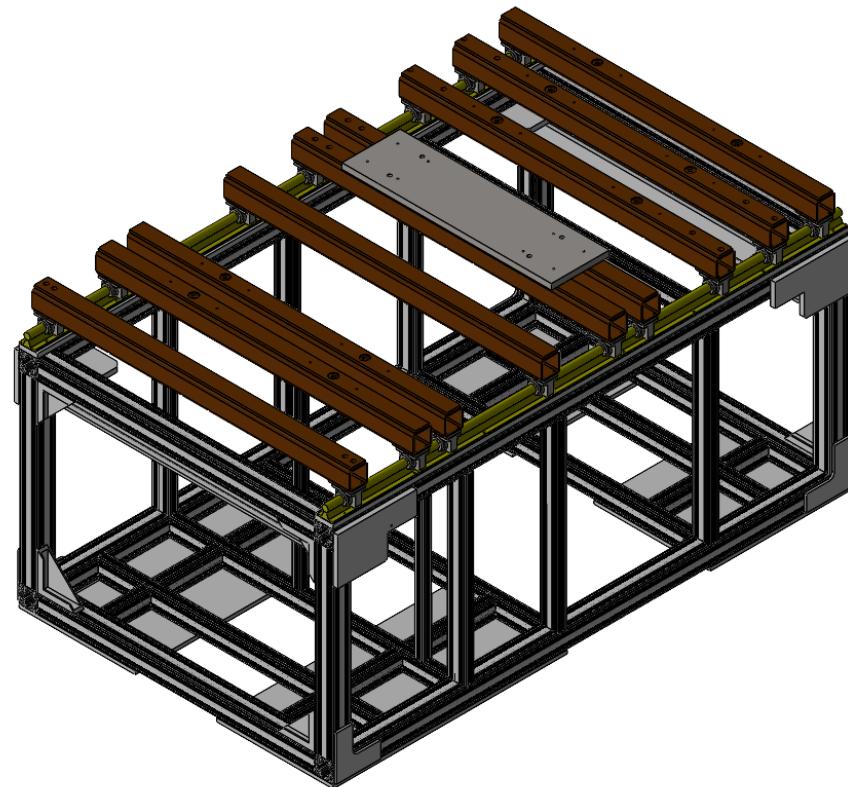
2. Assembly

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Take the CSC from the frame



Make sure Brownbars 1 - 5 (components 3 - 7)
are in the correct order

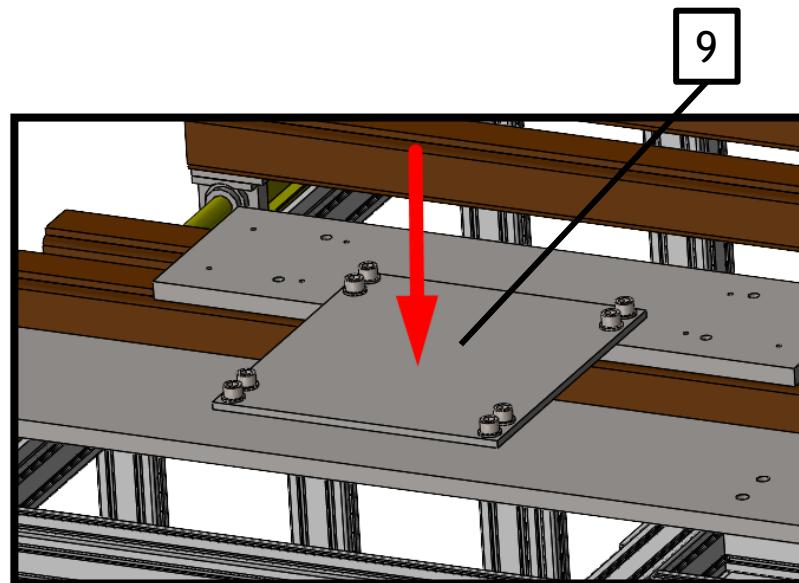
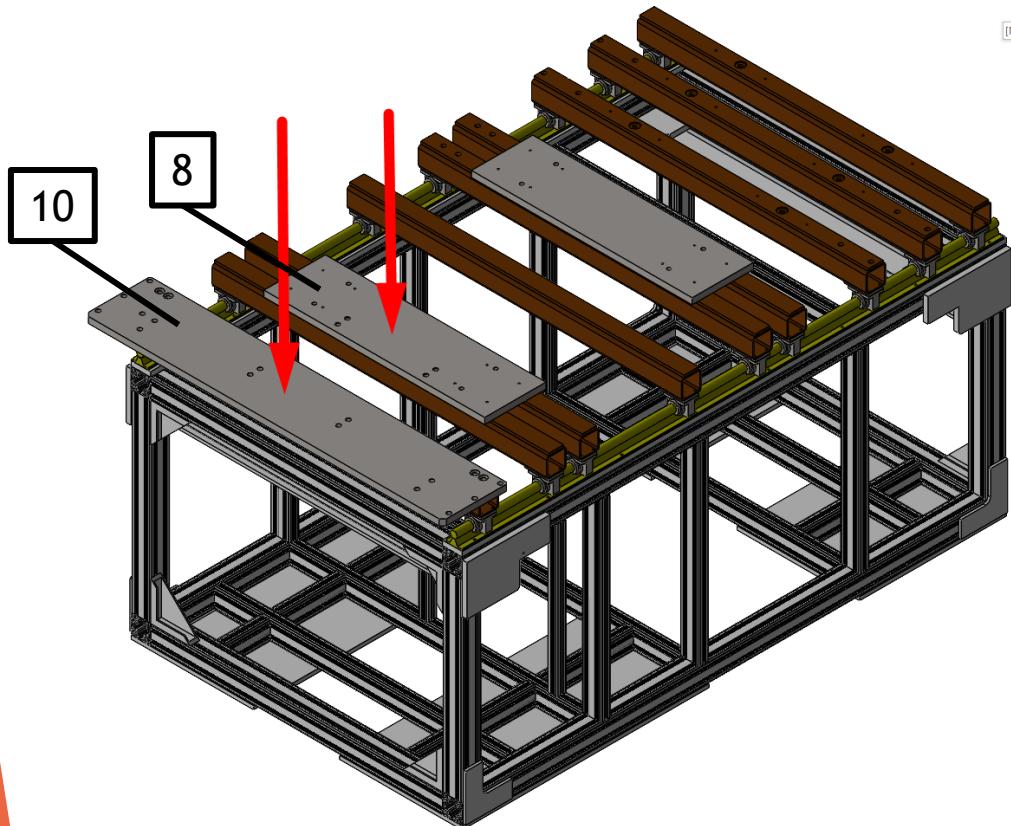


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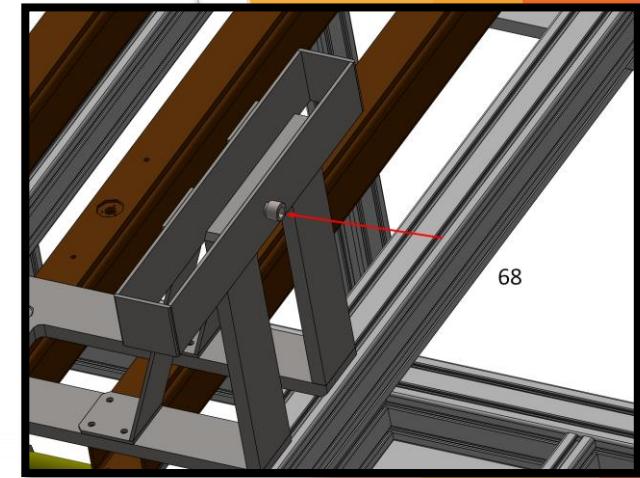
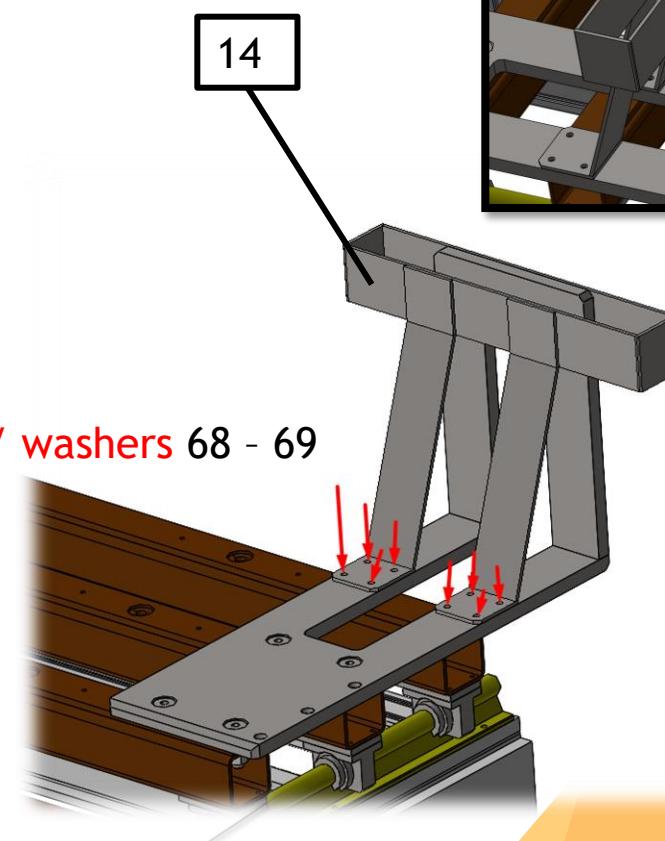
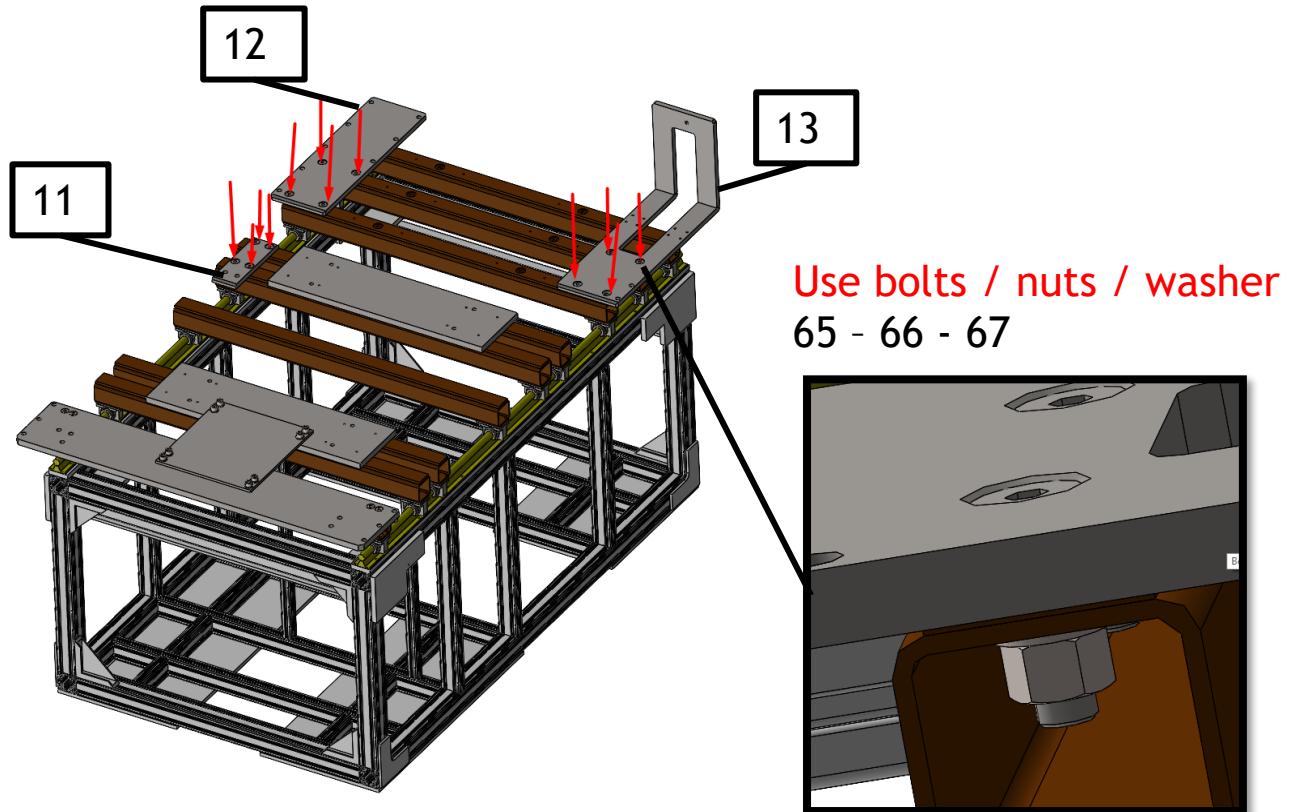
Use bolts and nuts 63 - 66



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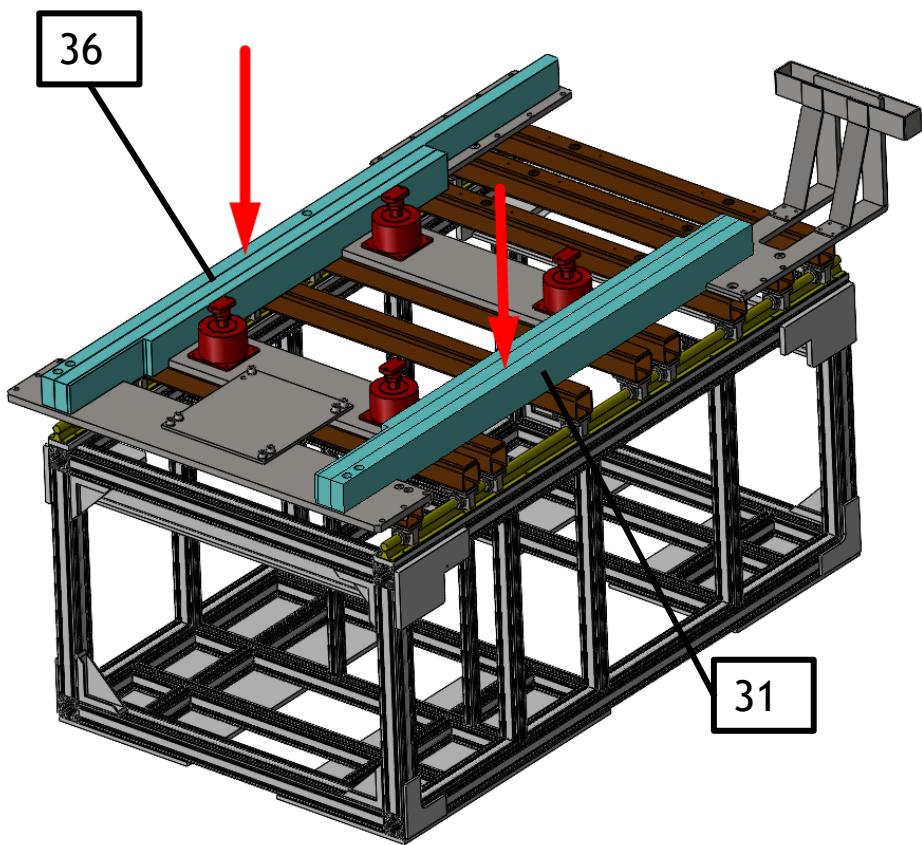
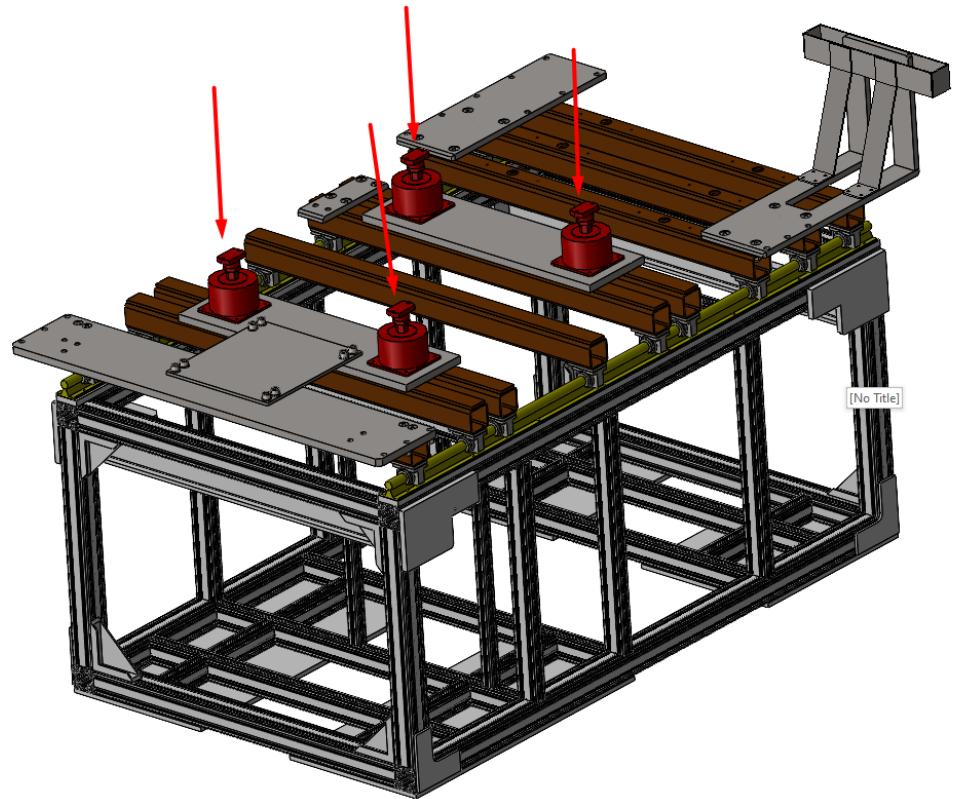


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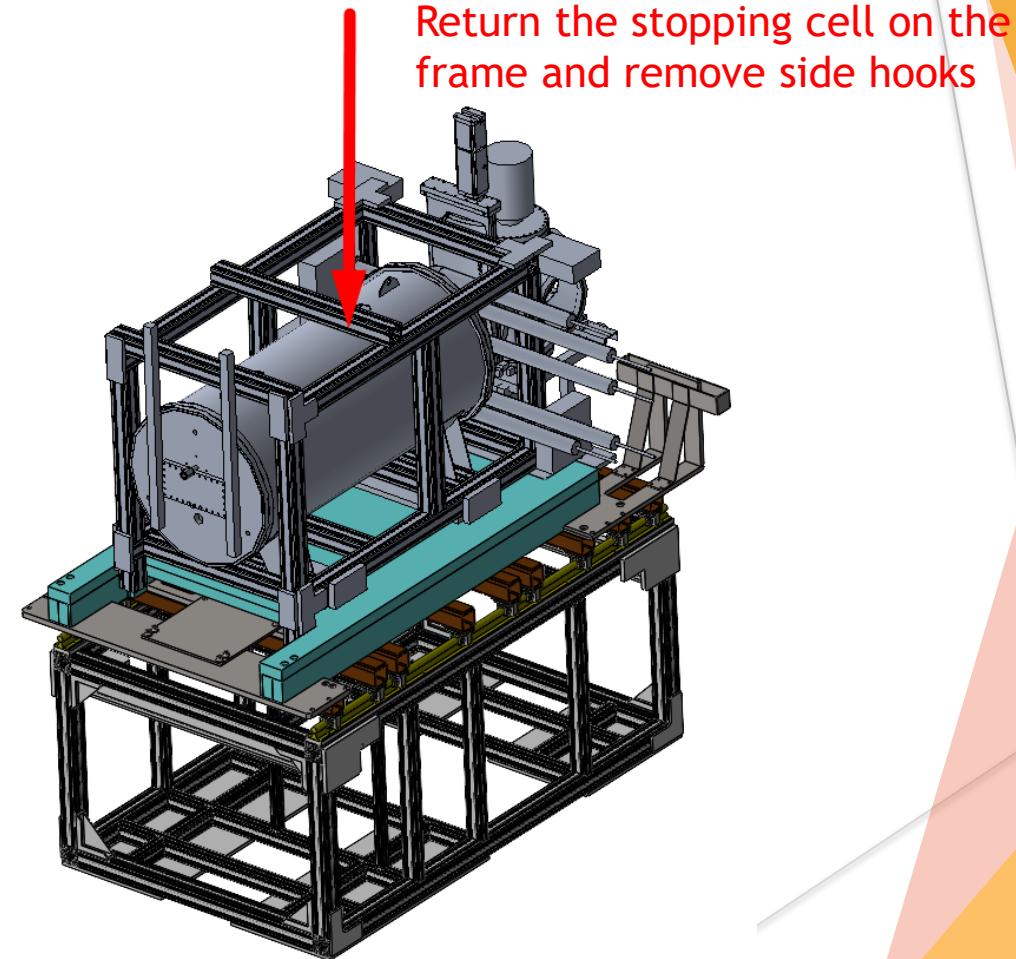
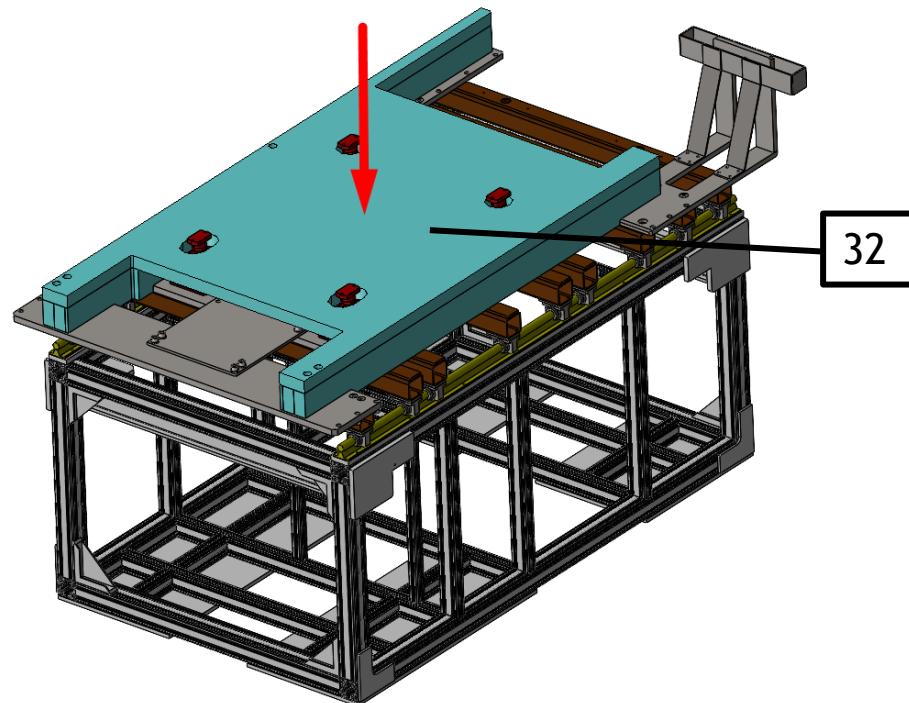
Return red pillars



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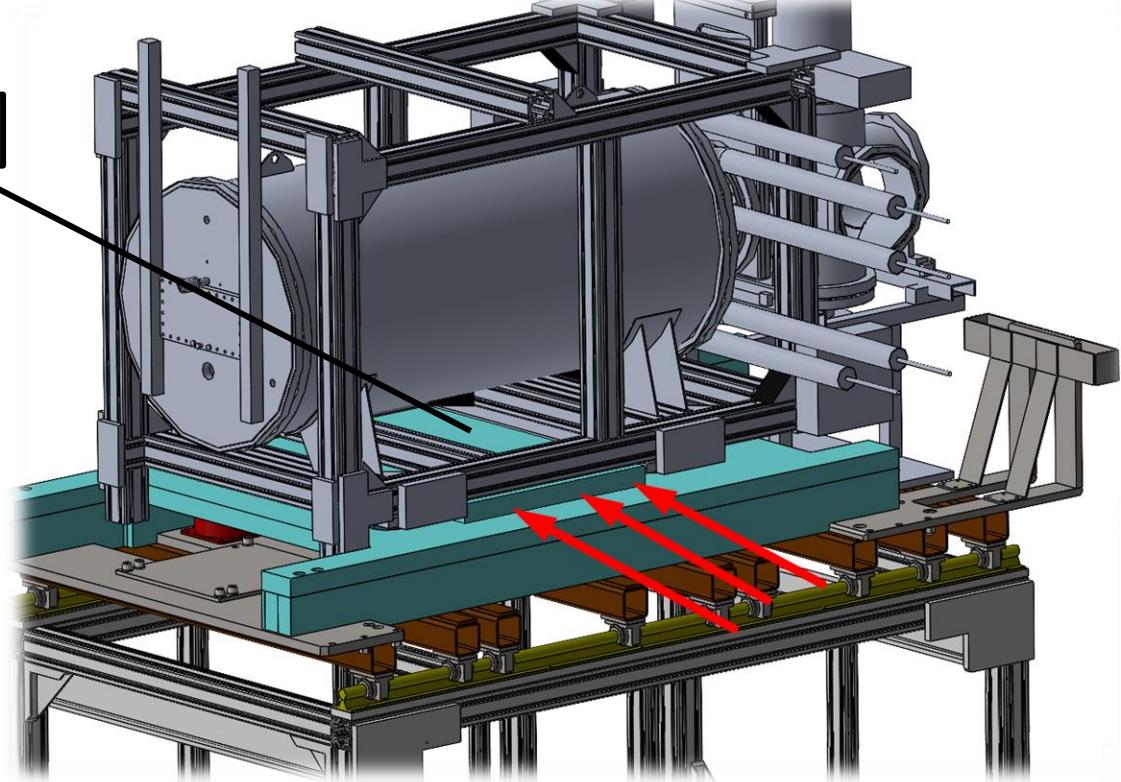
3. Glovebox installation



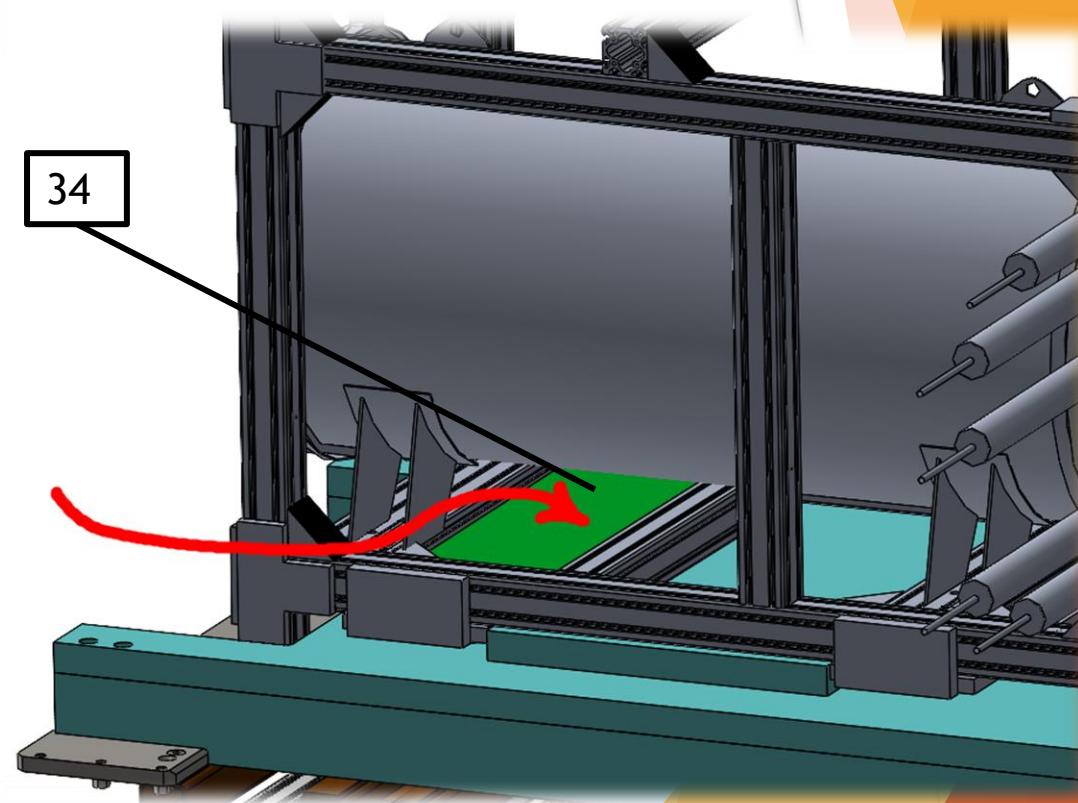
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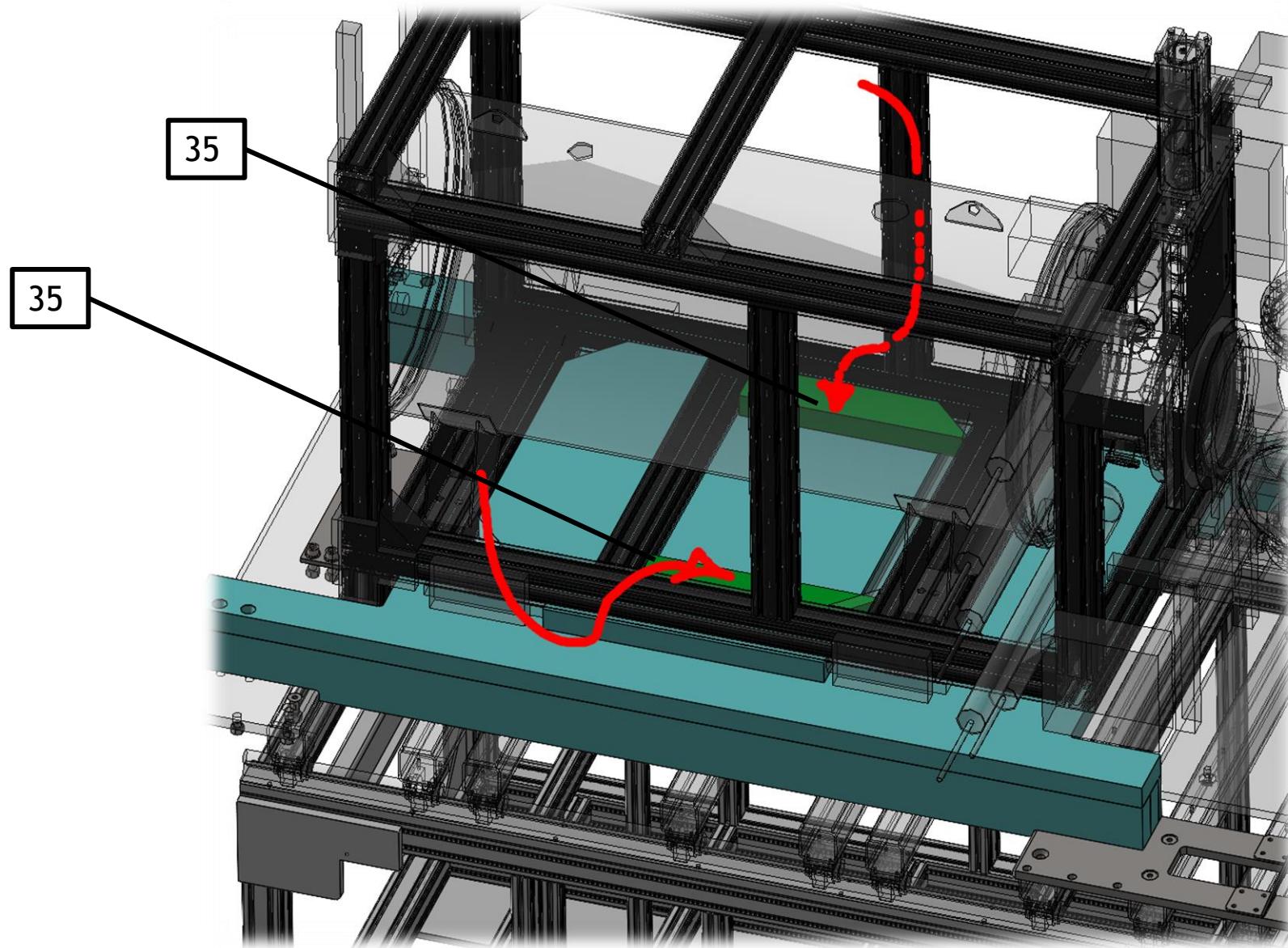
Insert all the
bottom shielding

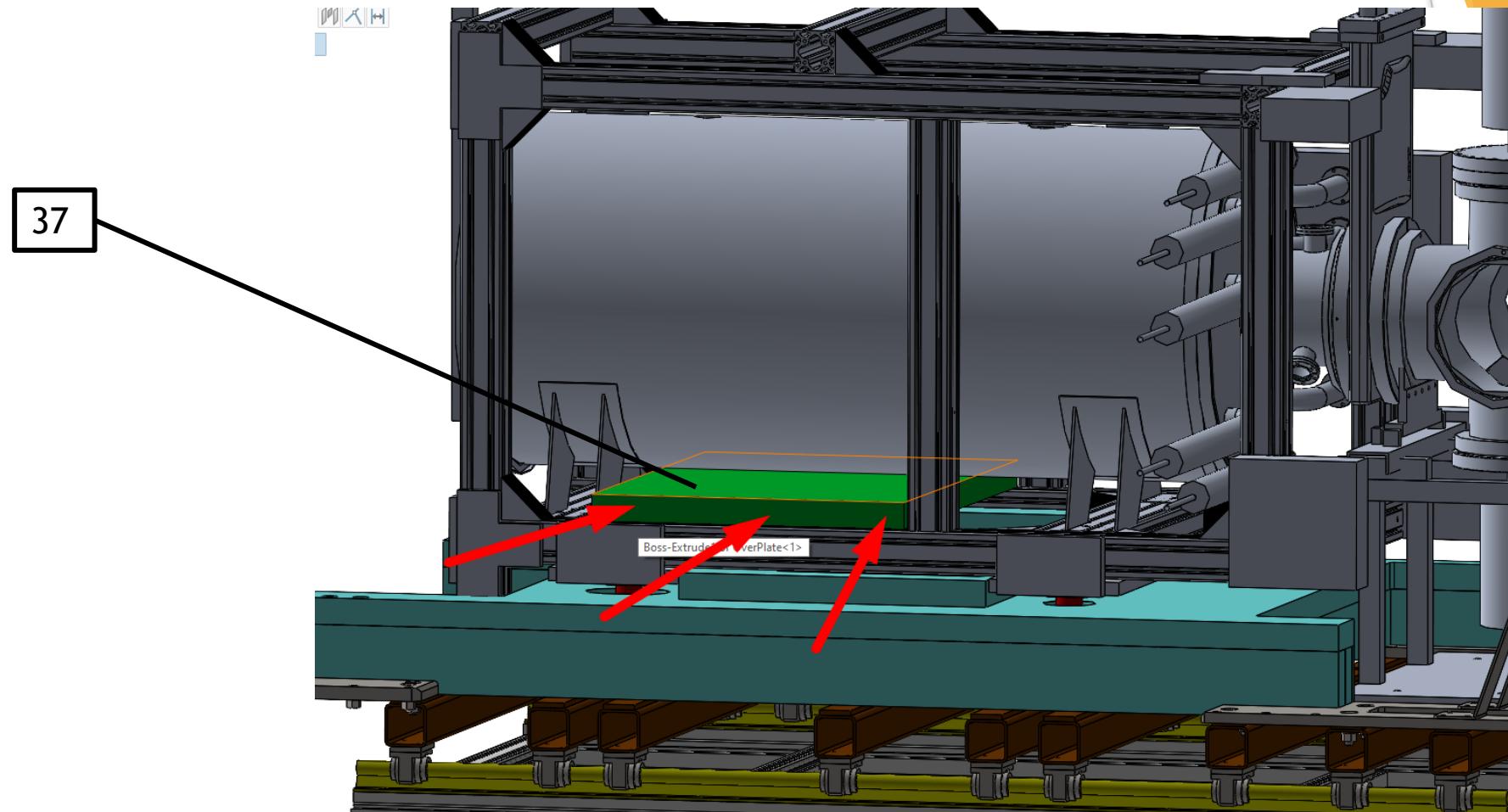


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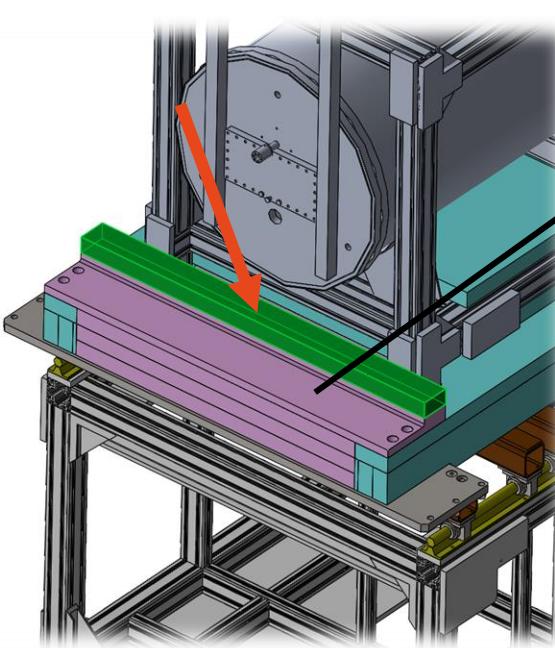
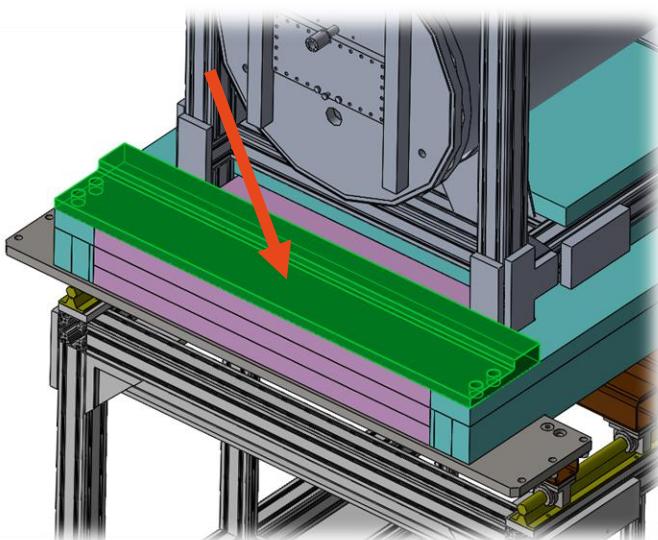
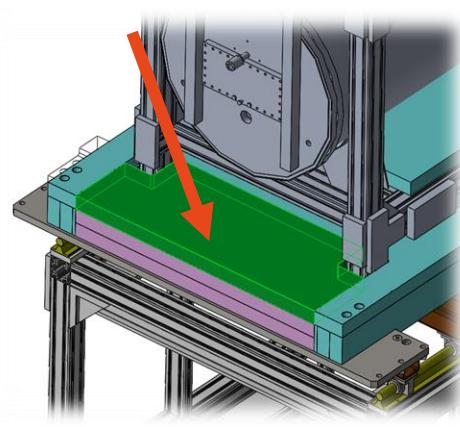
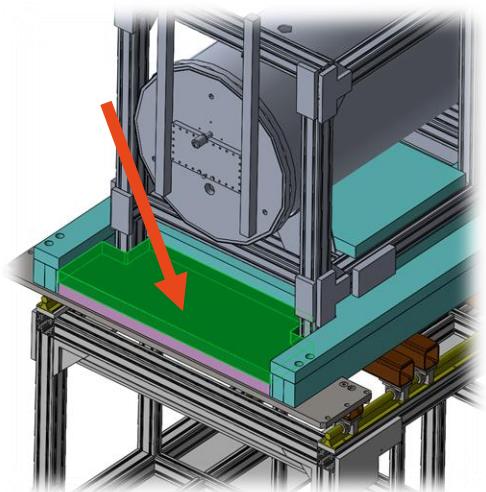
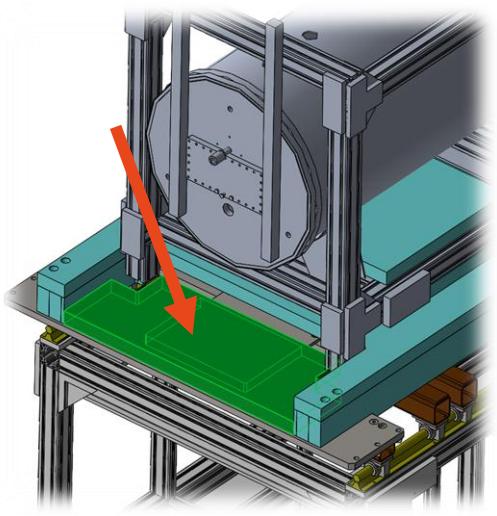




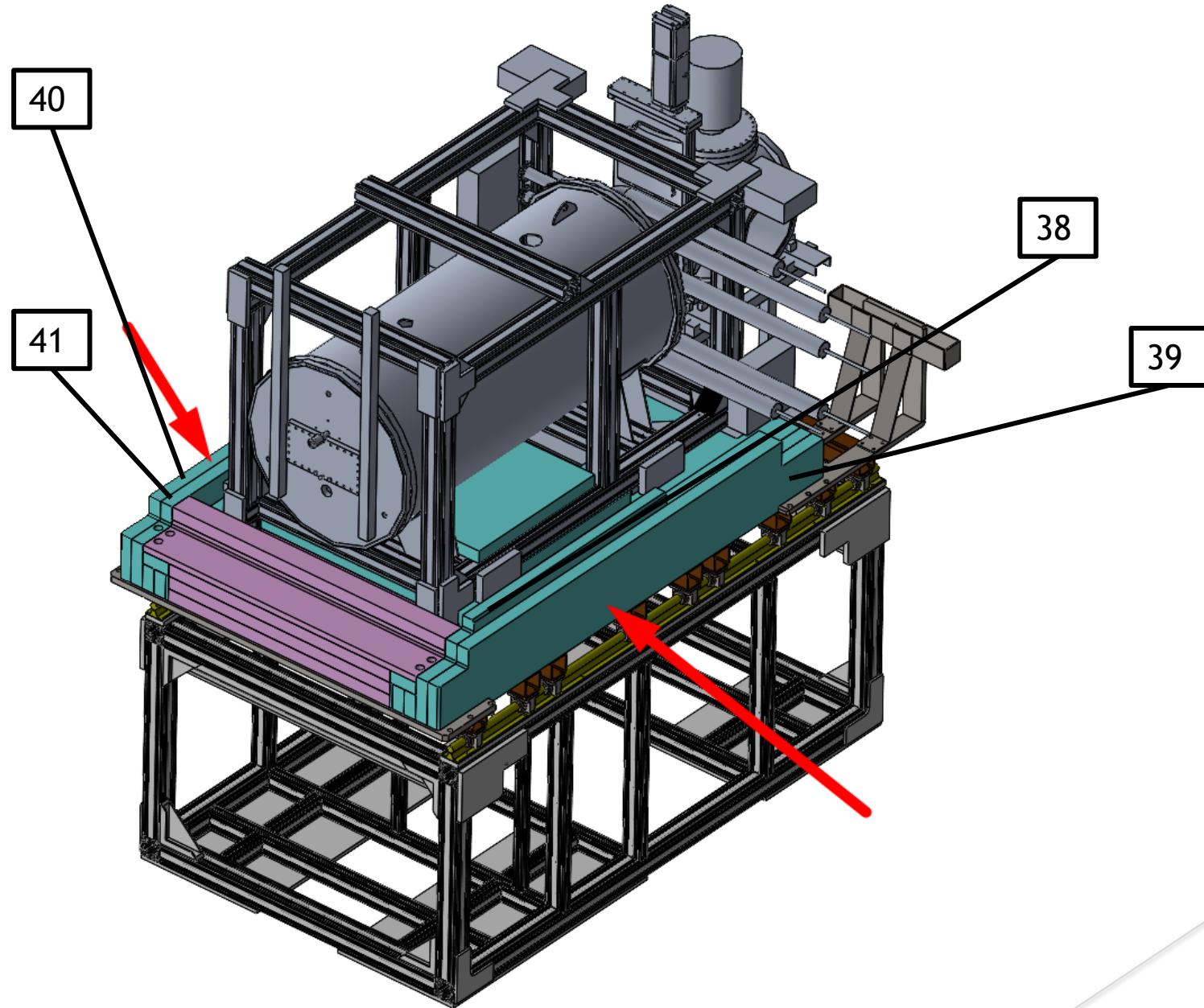
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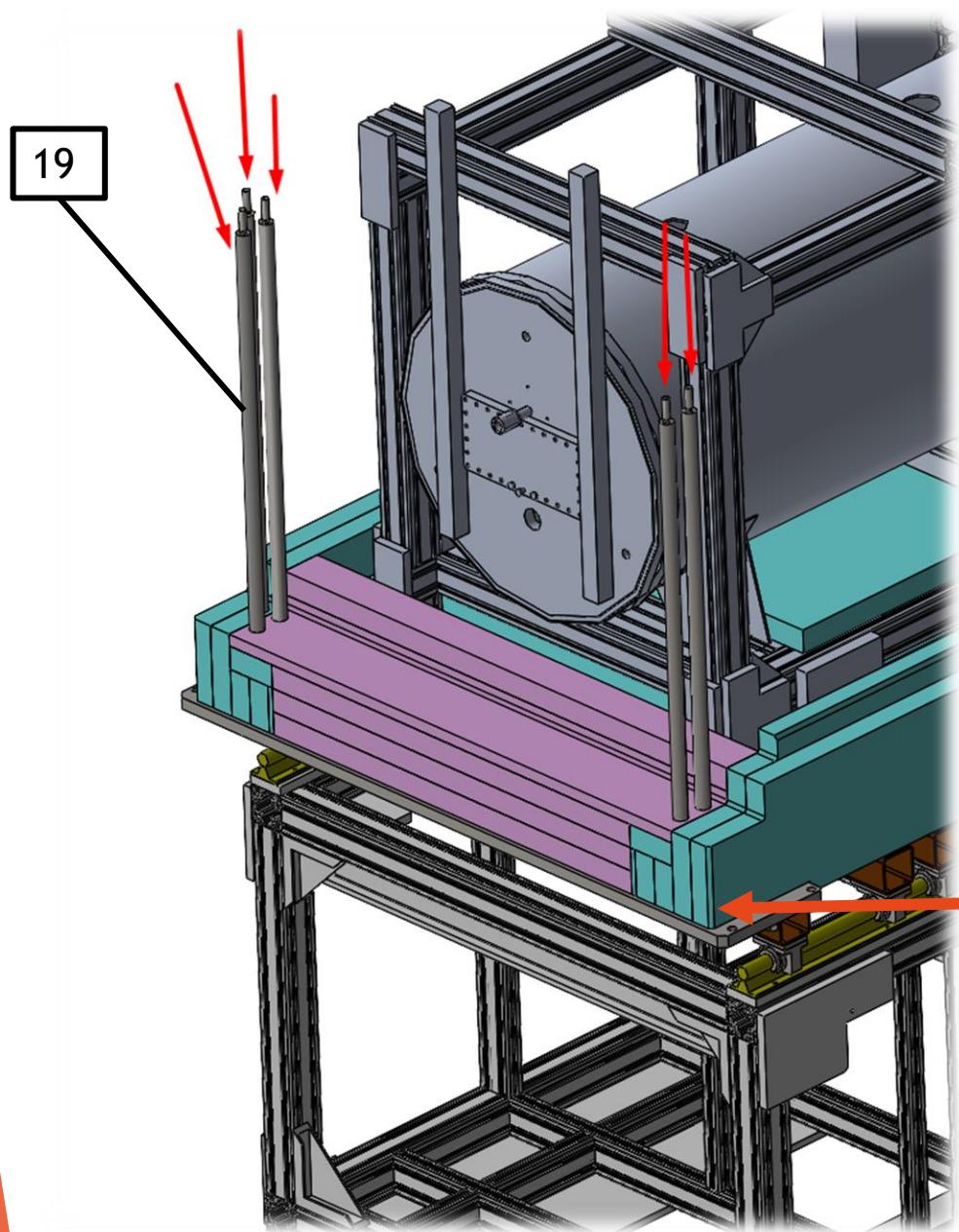
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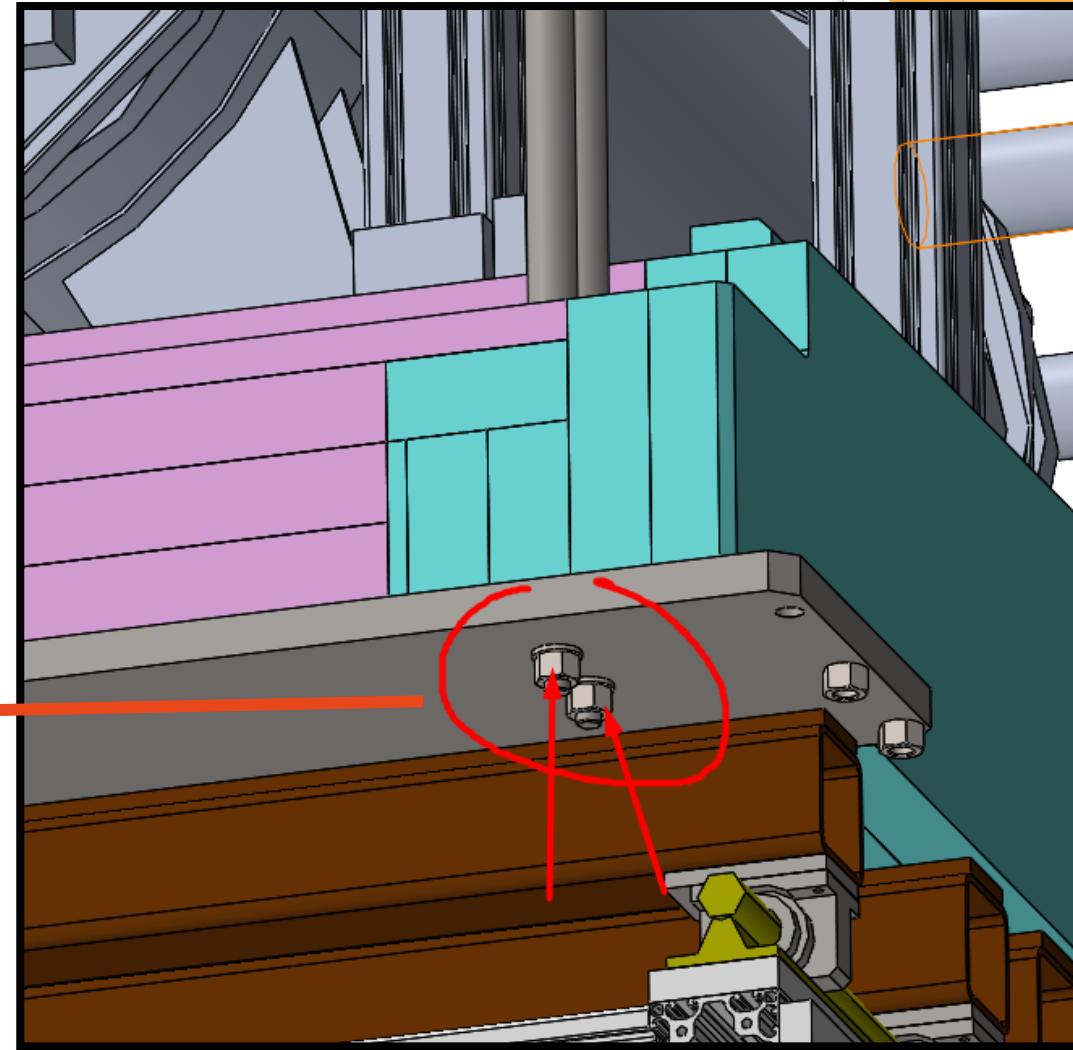
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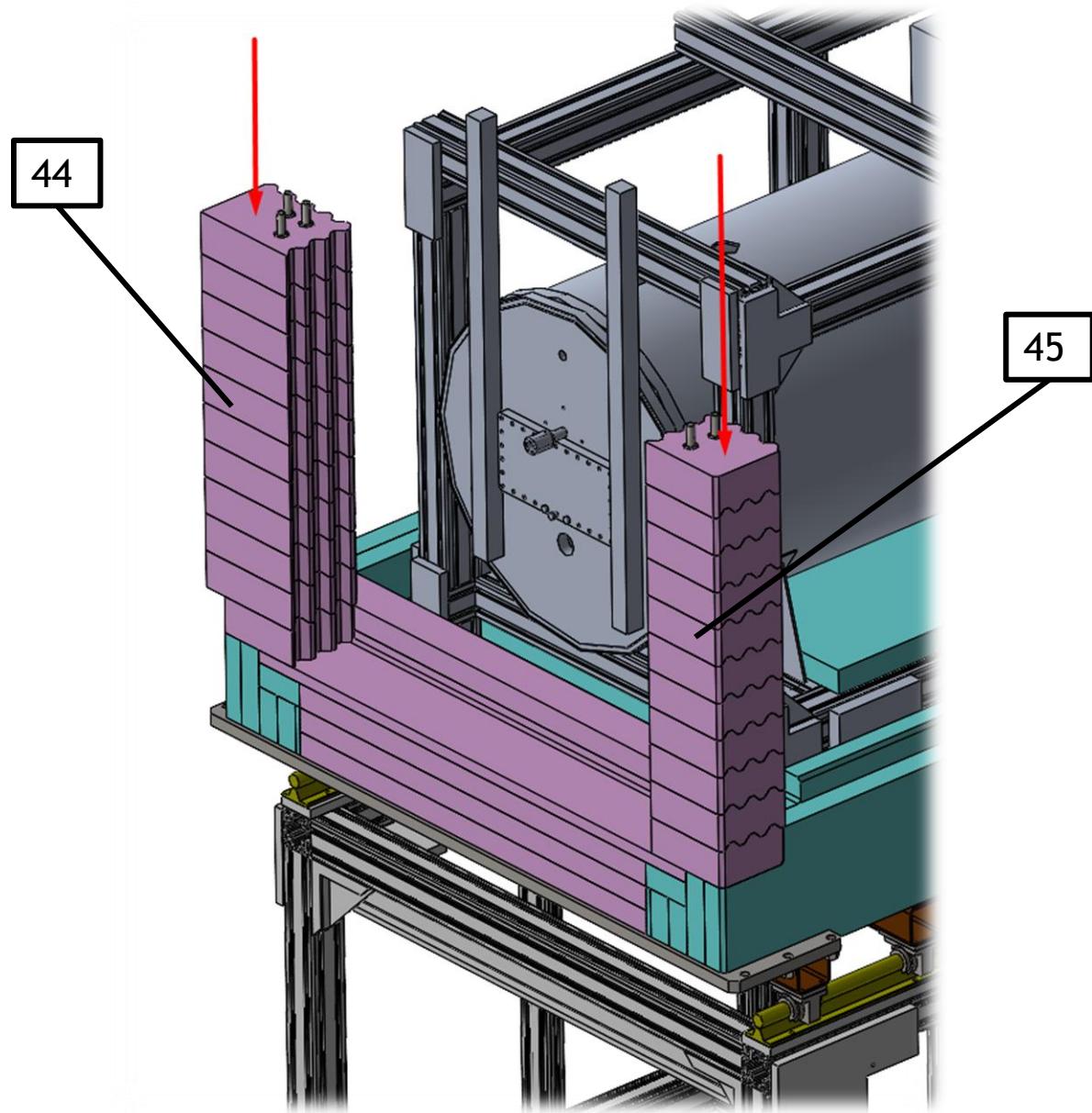
Use nuts / washers 65 - 66



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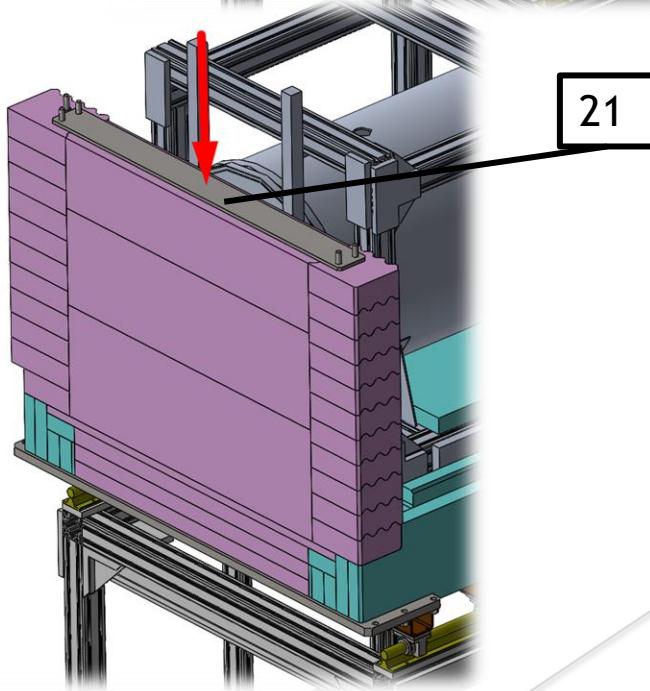
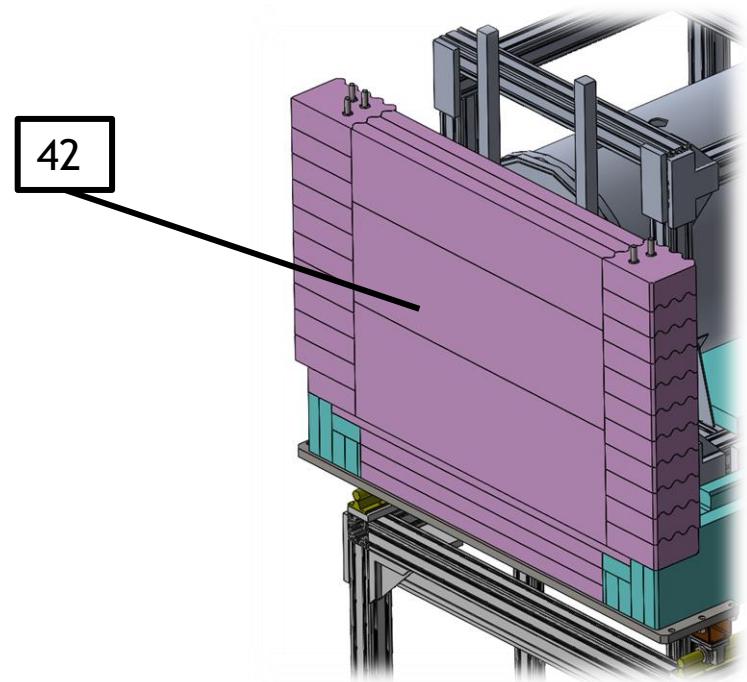
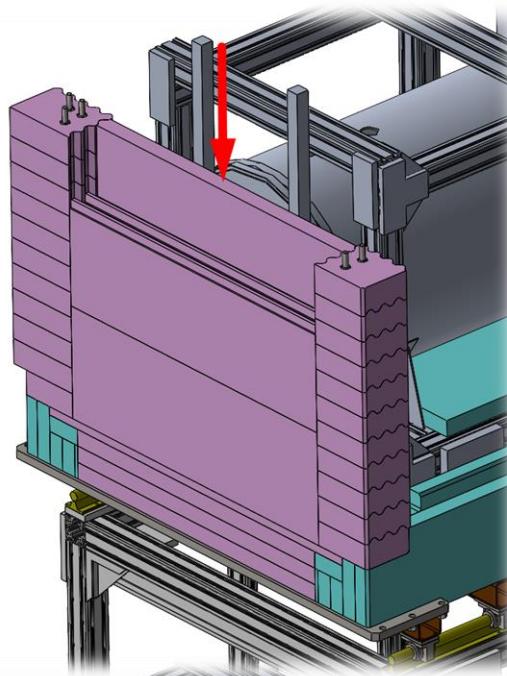
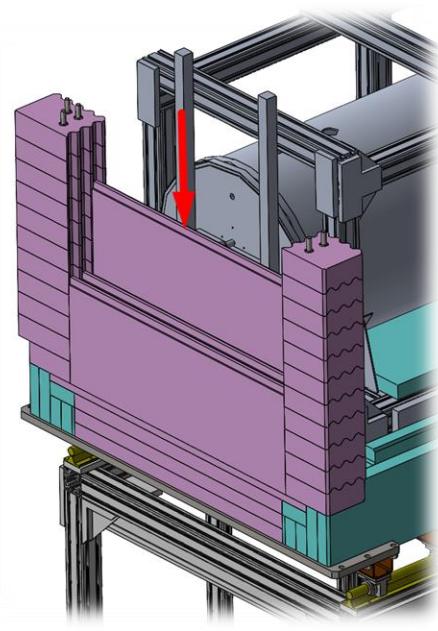
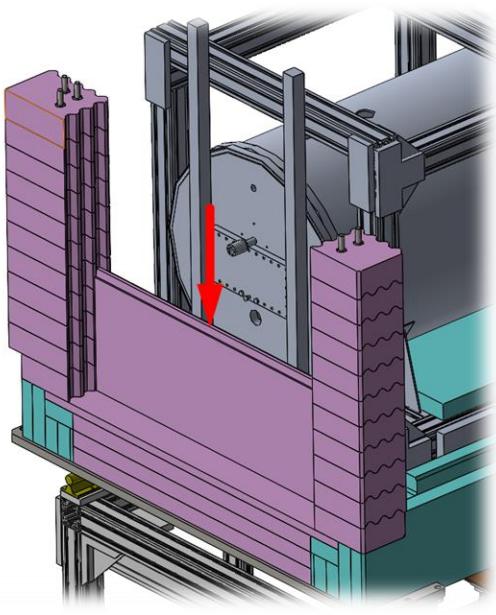
3. Glovebox installation



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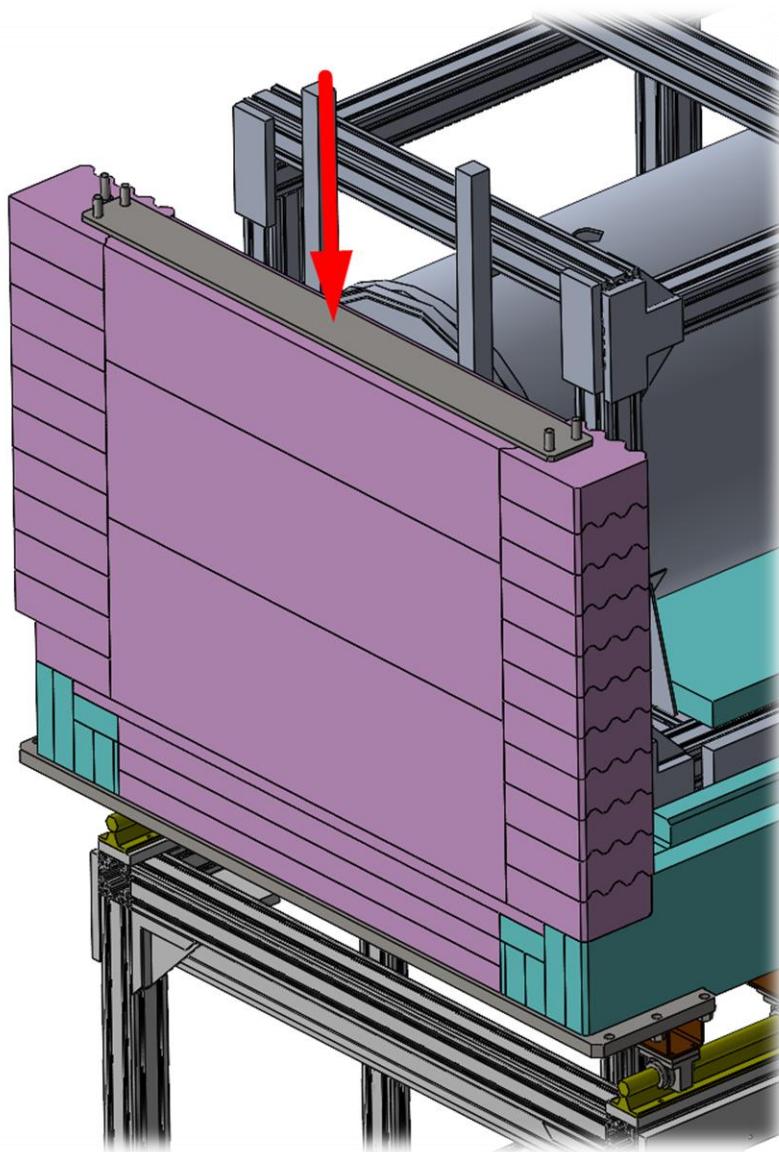


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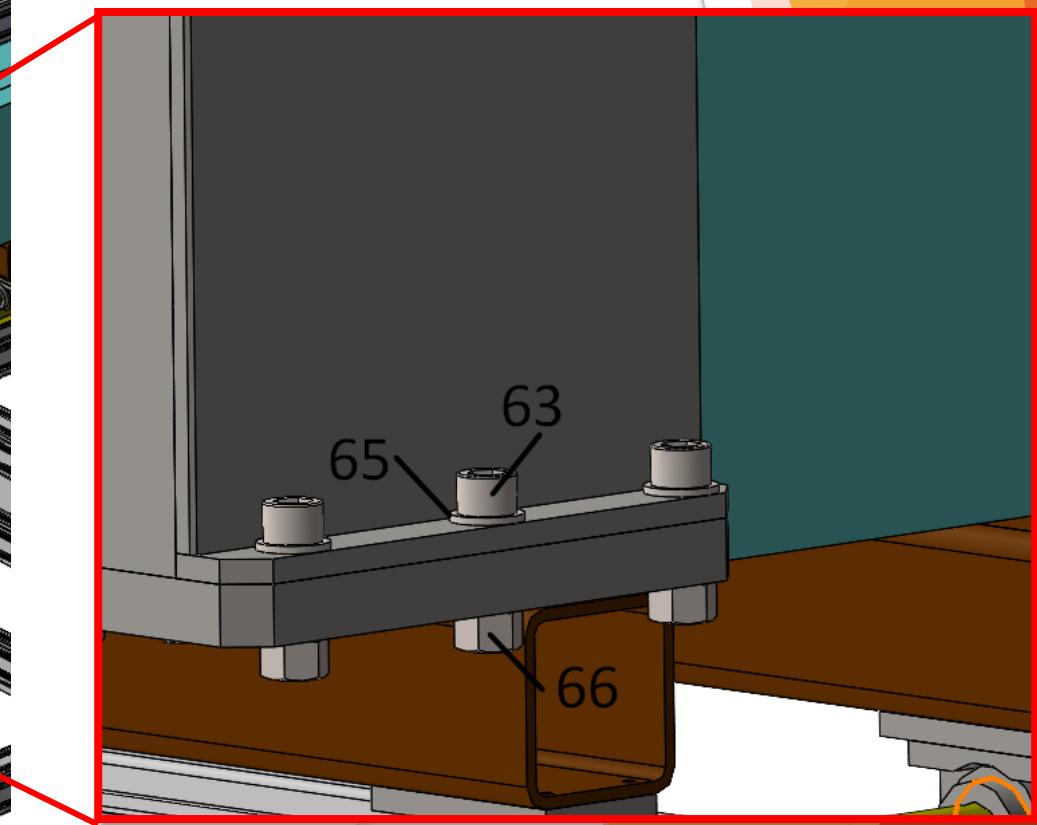
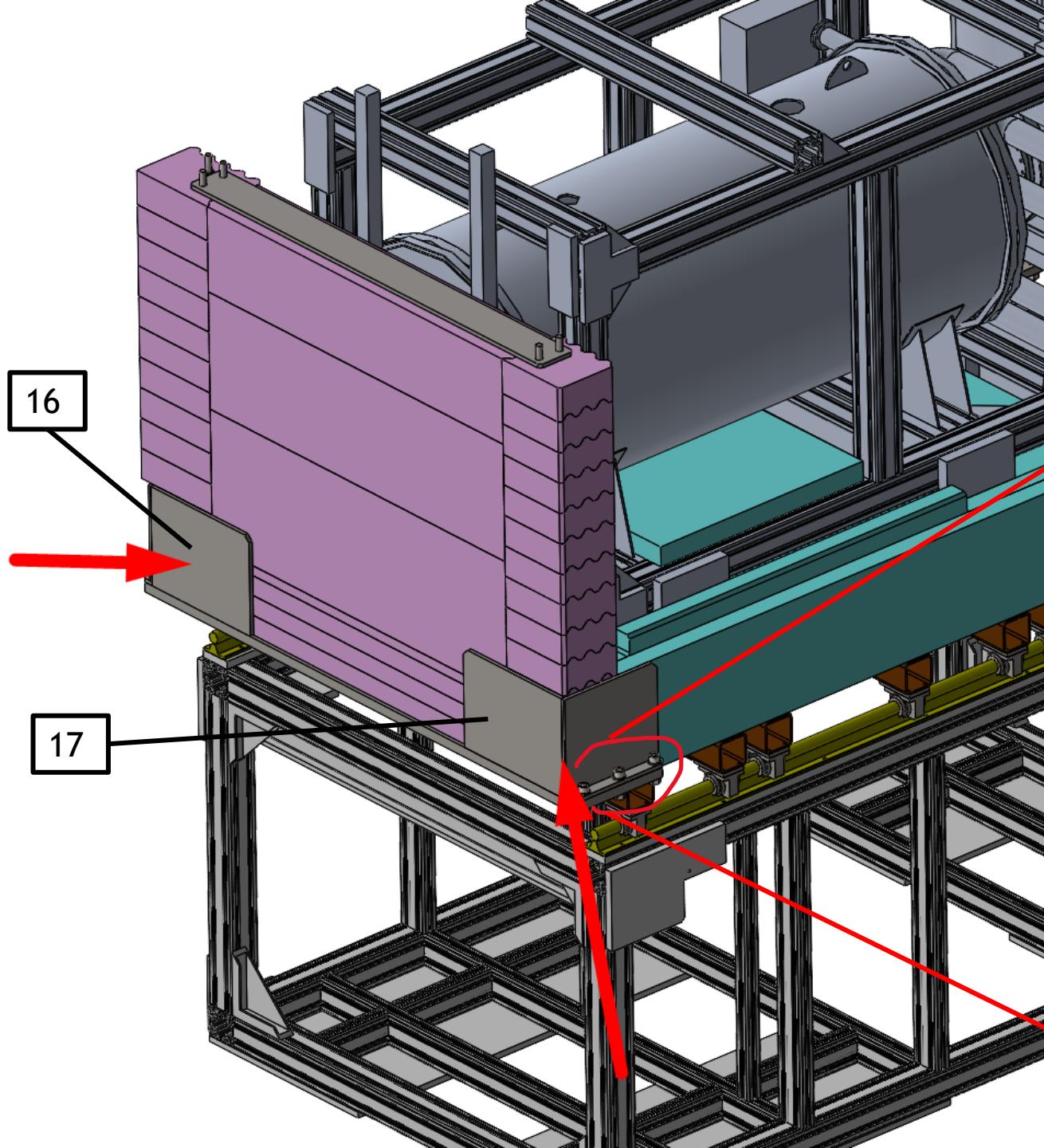
2. Assembly

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Place the dront to bar, but
don't fasten it yet



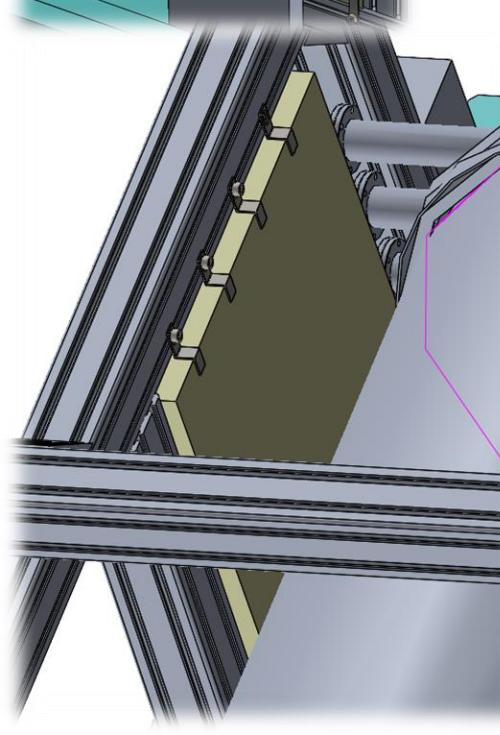
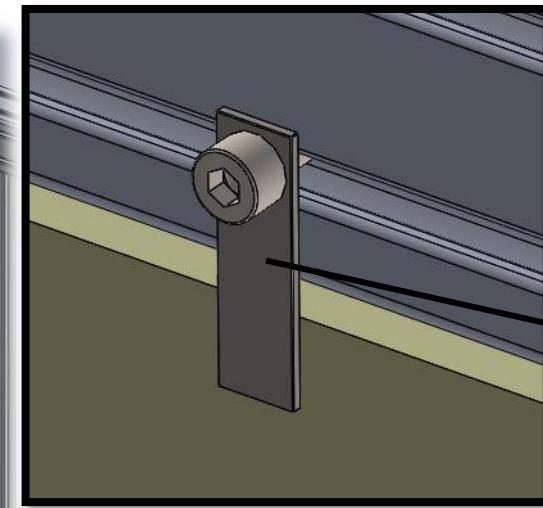
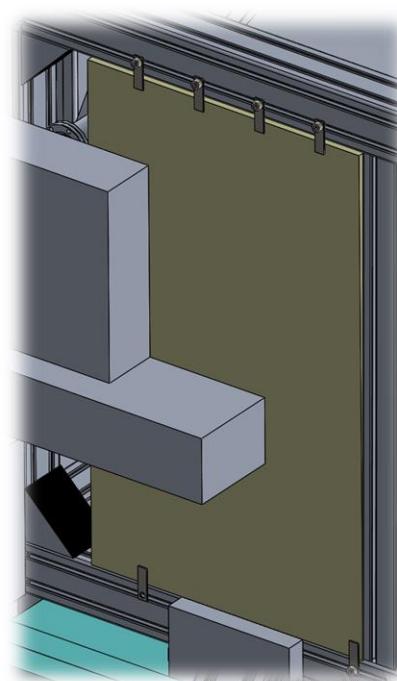
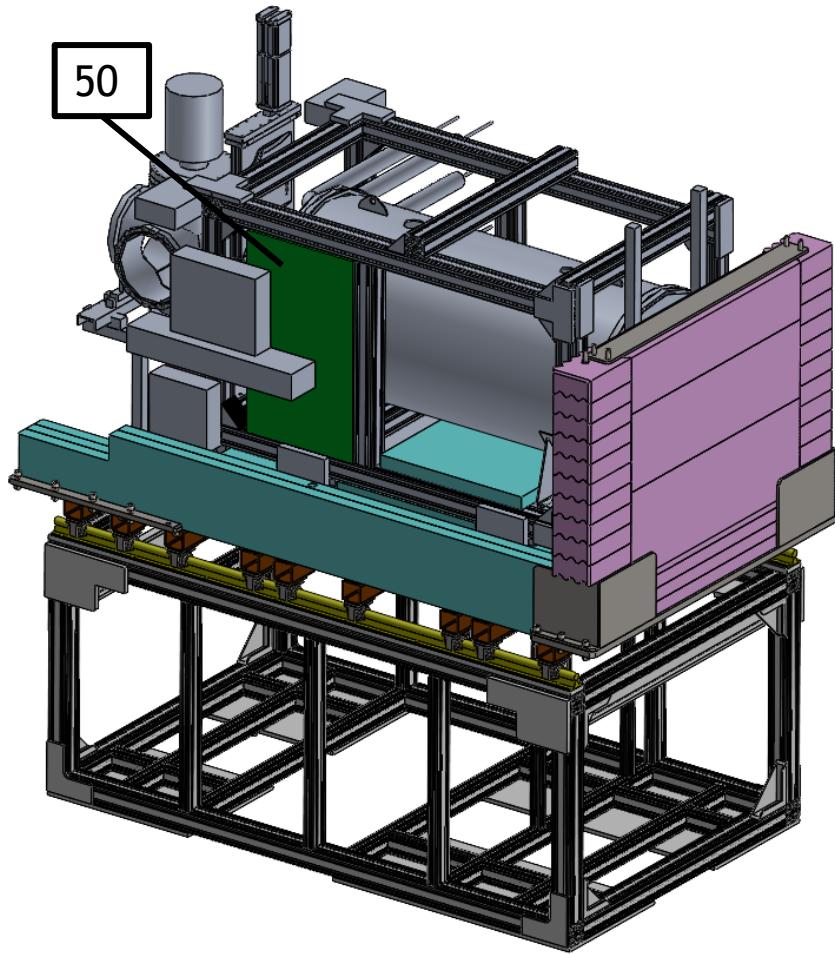
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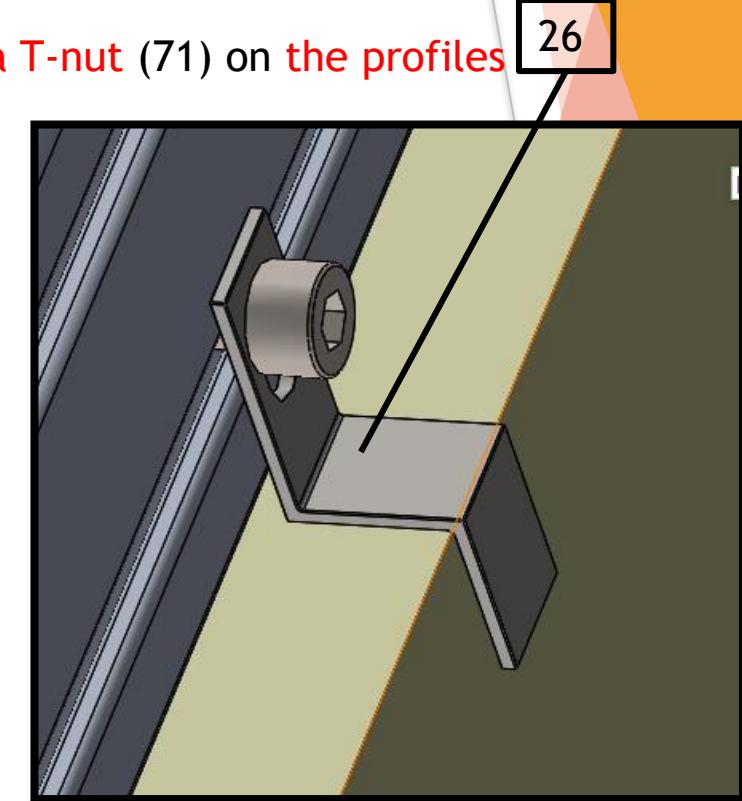
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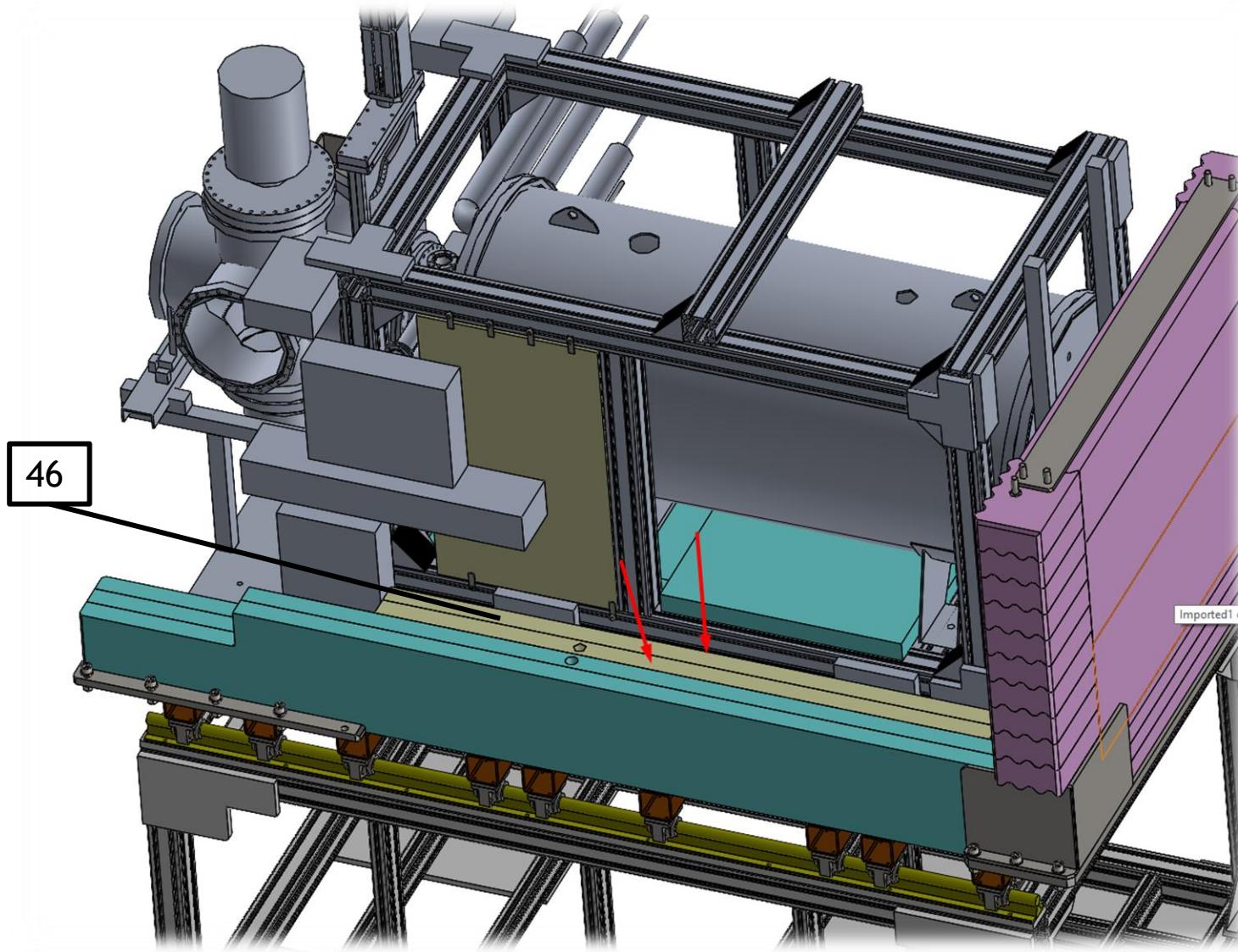
Use a T-nut (71) on the profiles



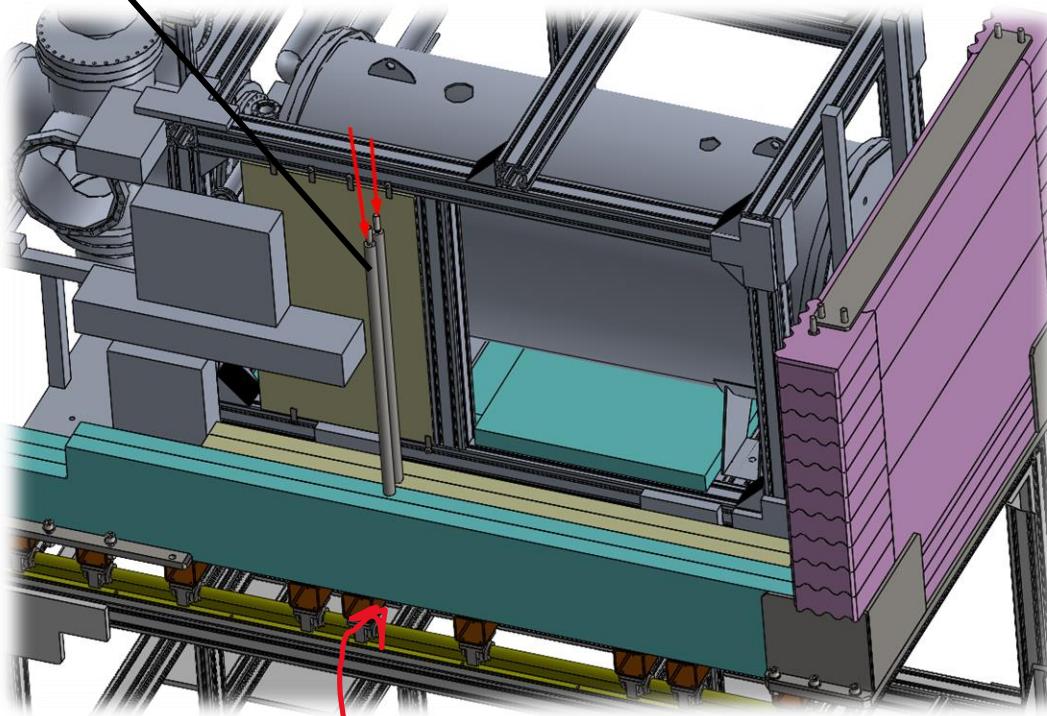
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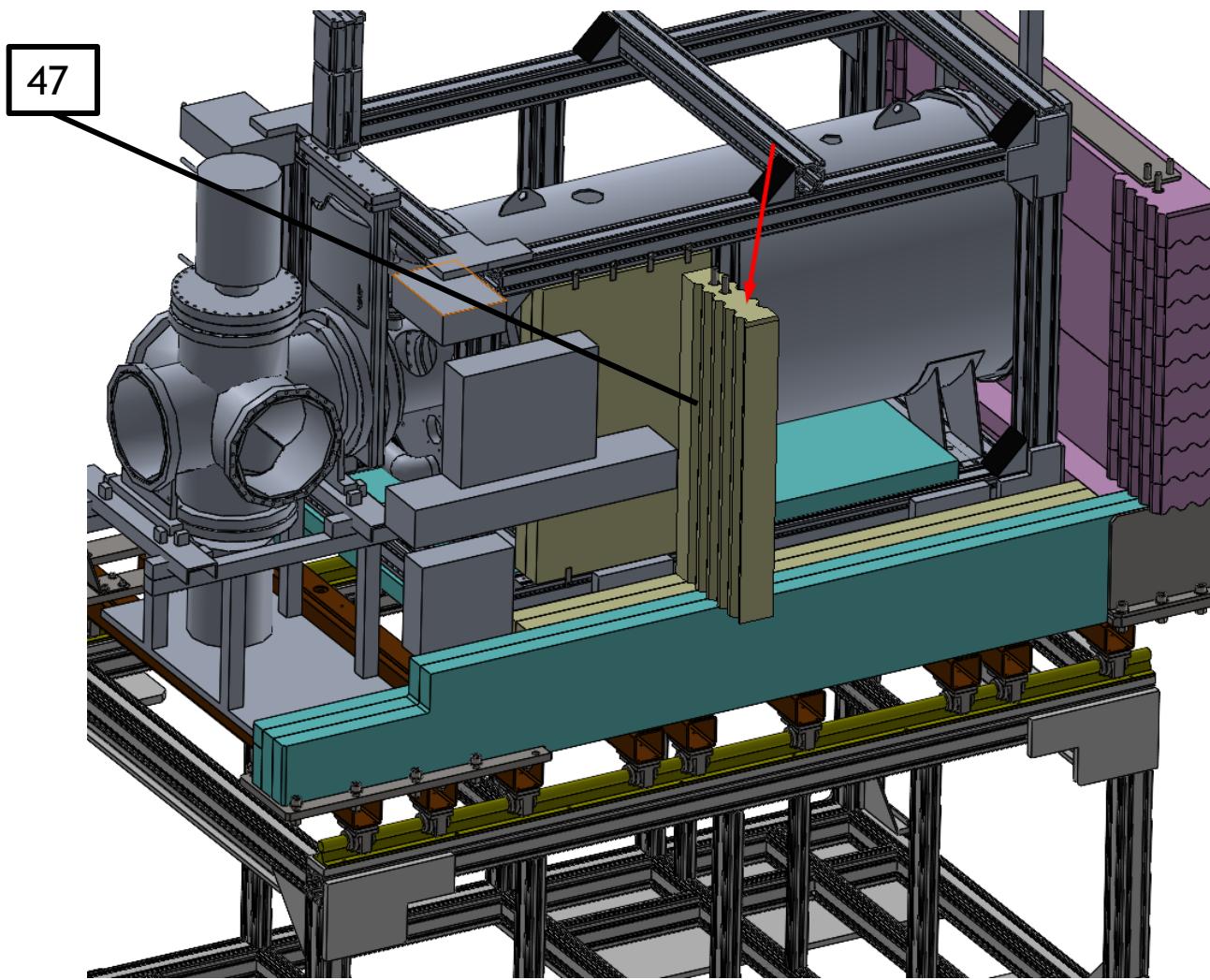
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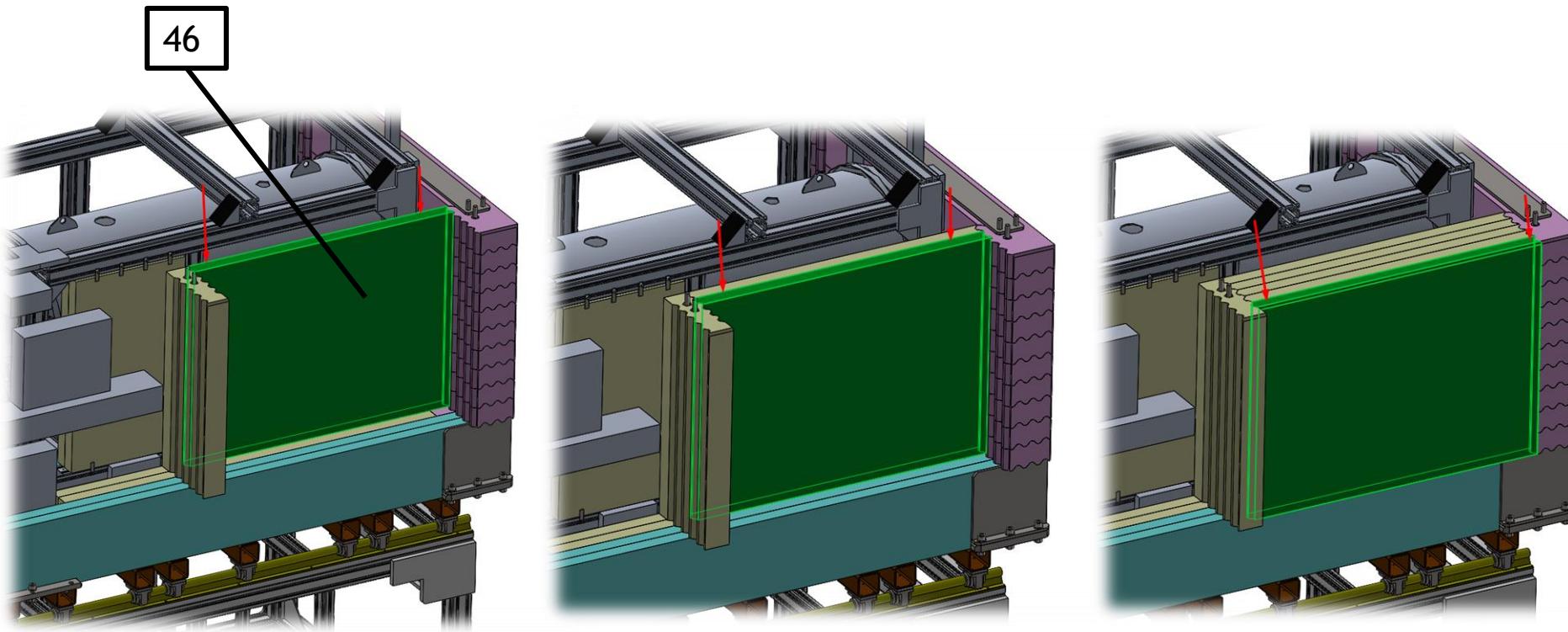
3. Glovebox installation



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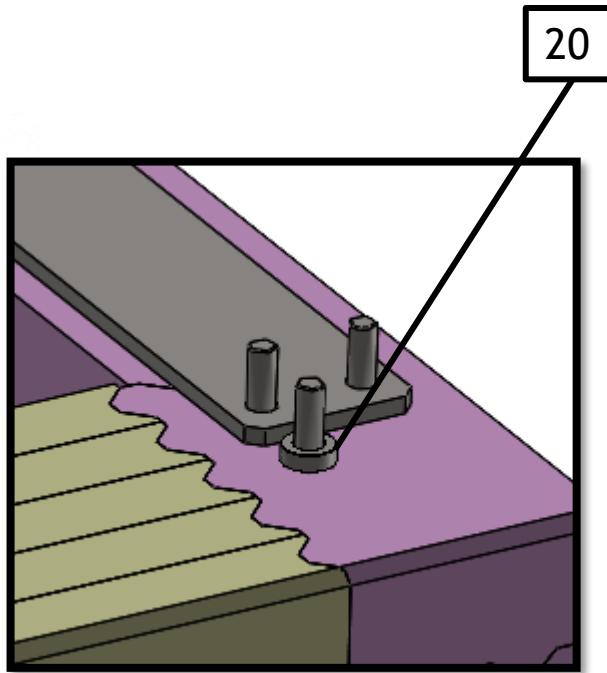
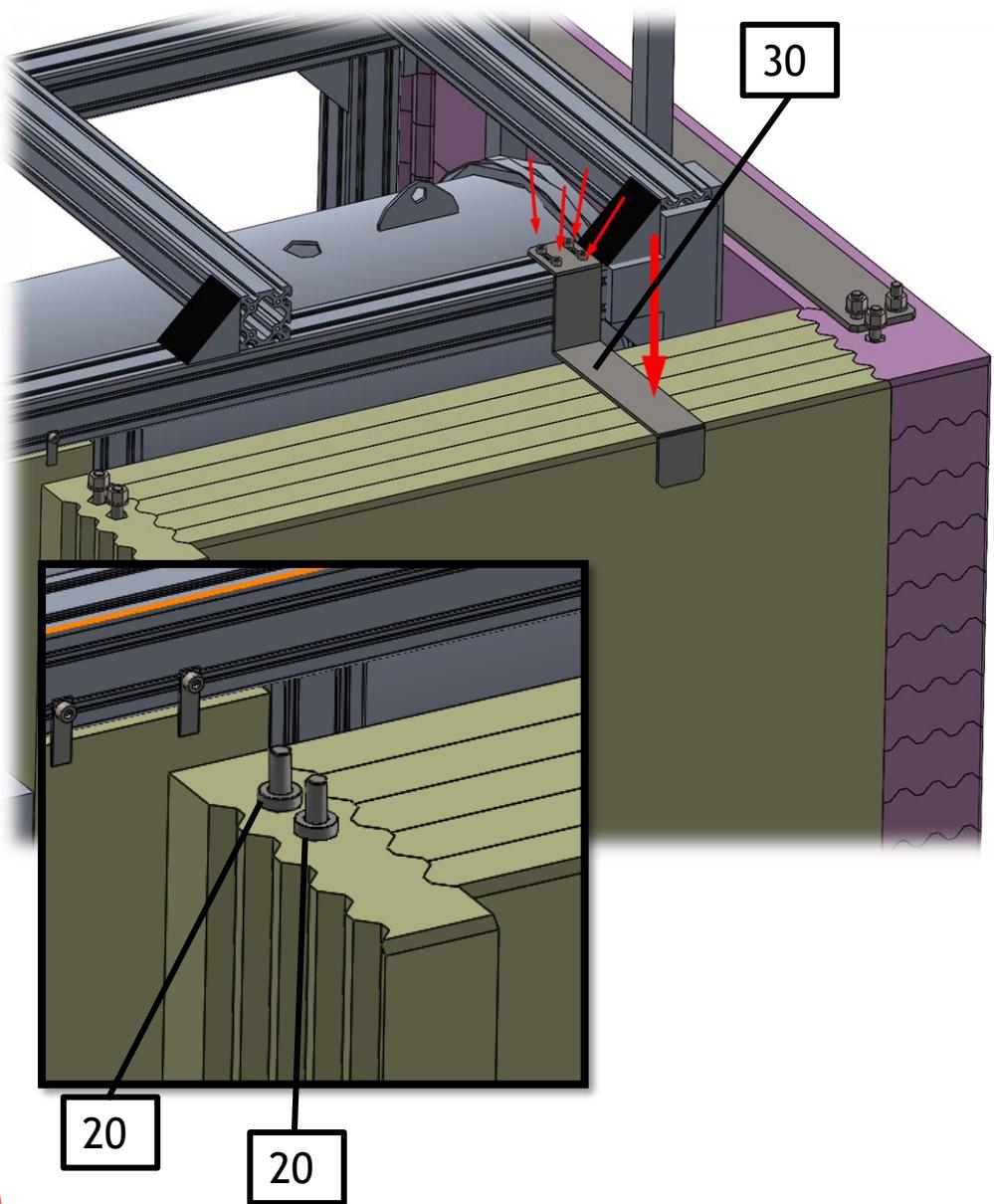
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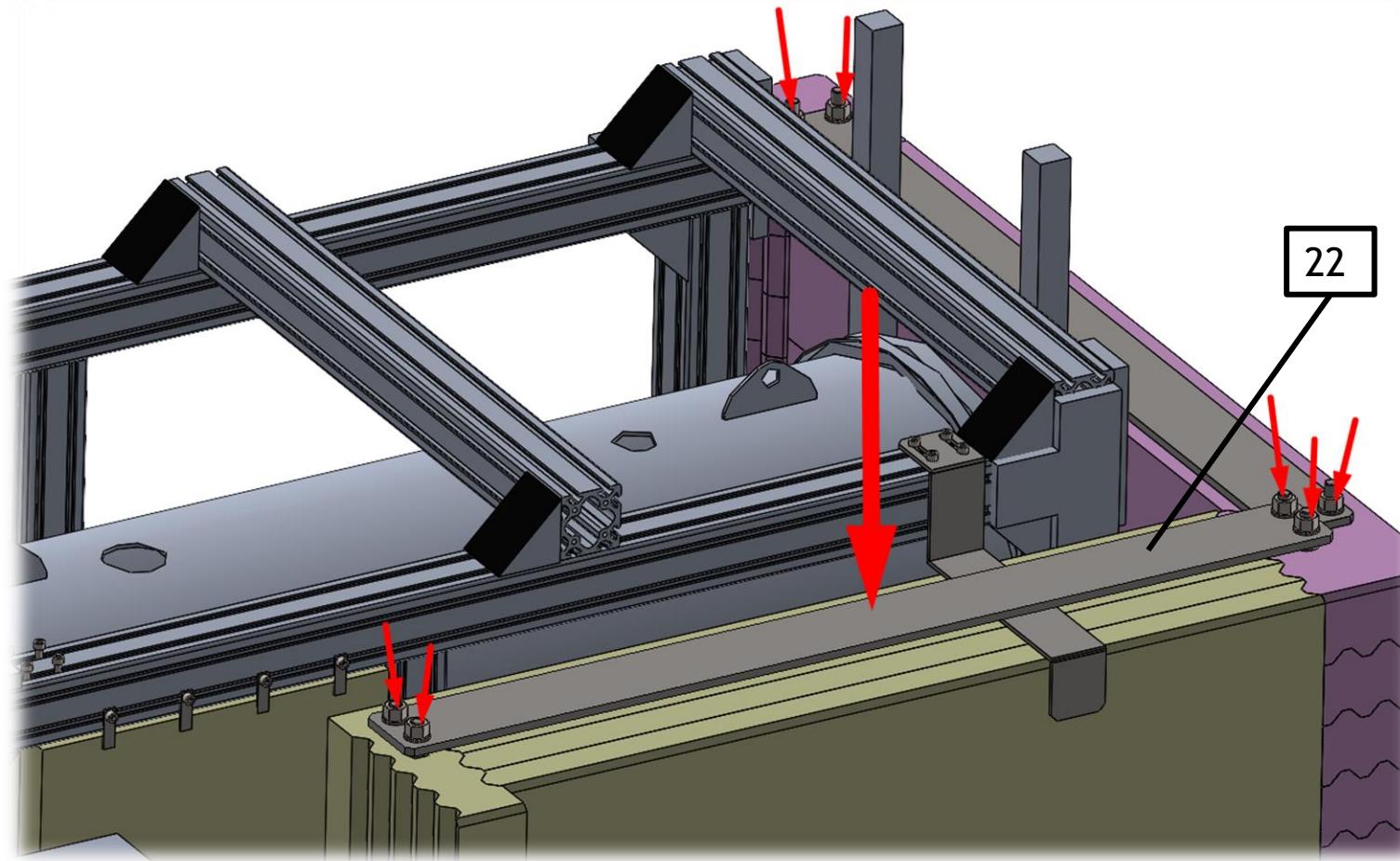
Use screws (70) and T-nuts (71)
on to attach the holster



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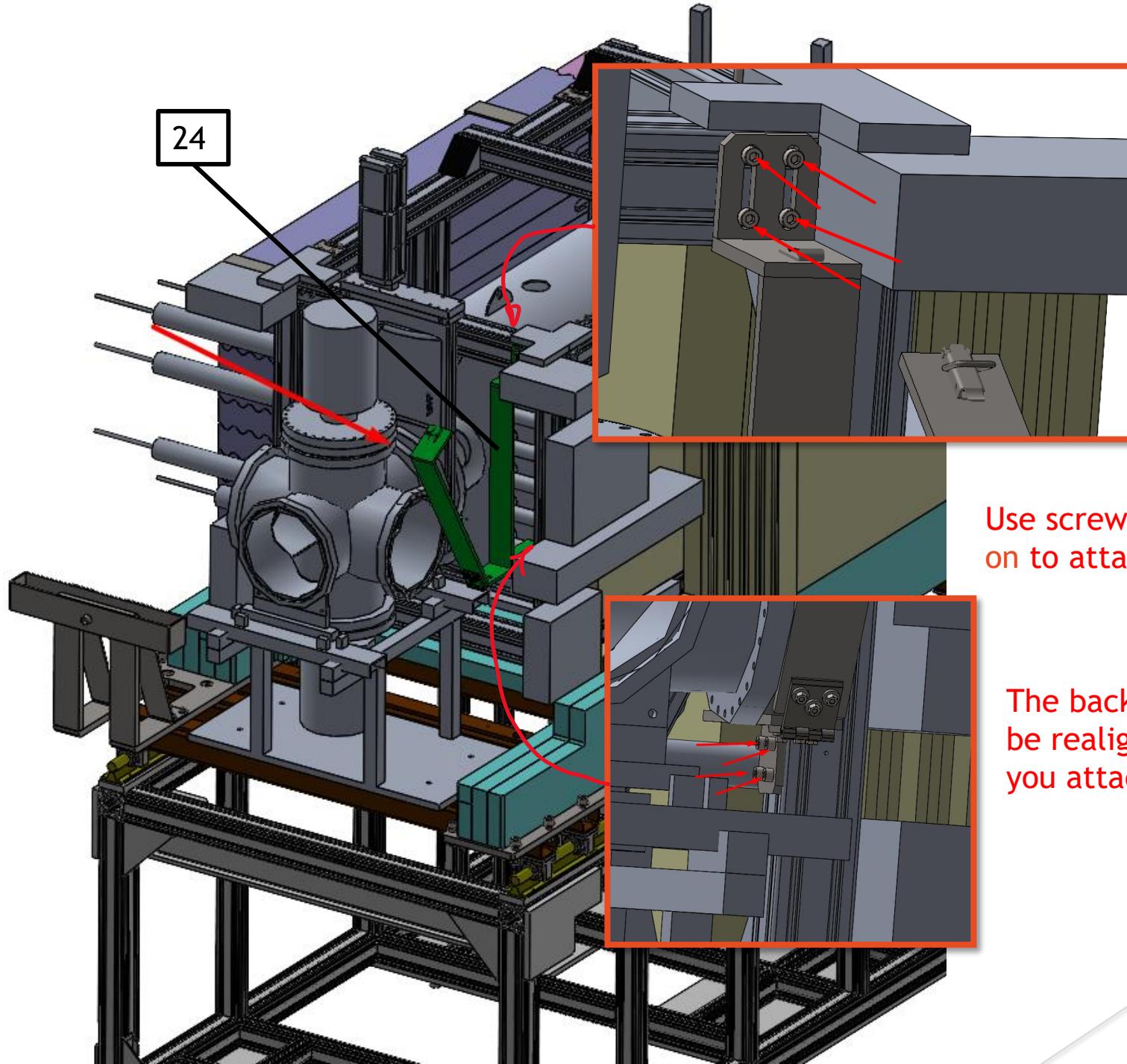


Use a nut (66) and washer (65)
to hold down both top bars

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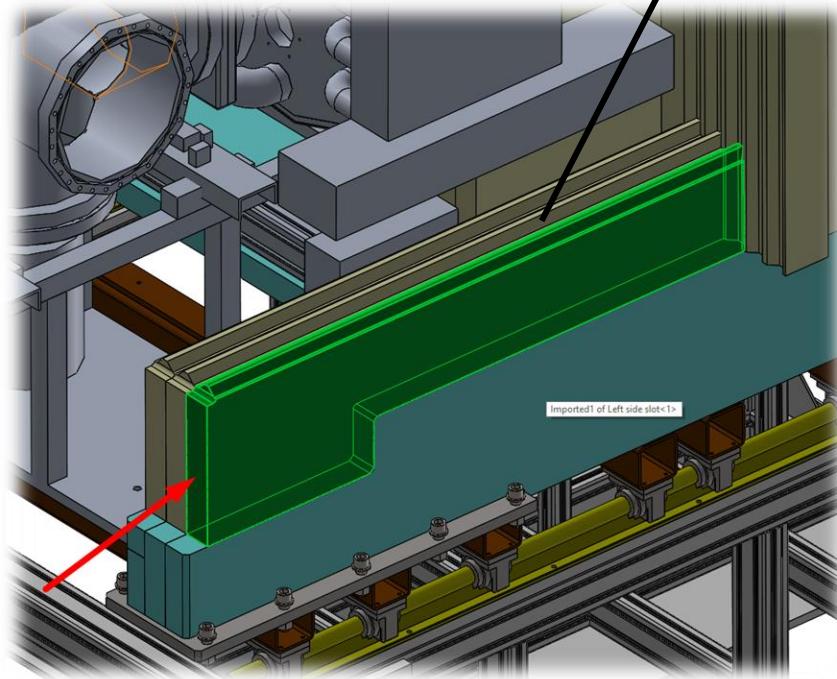
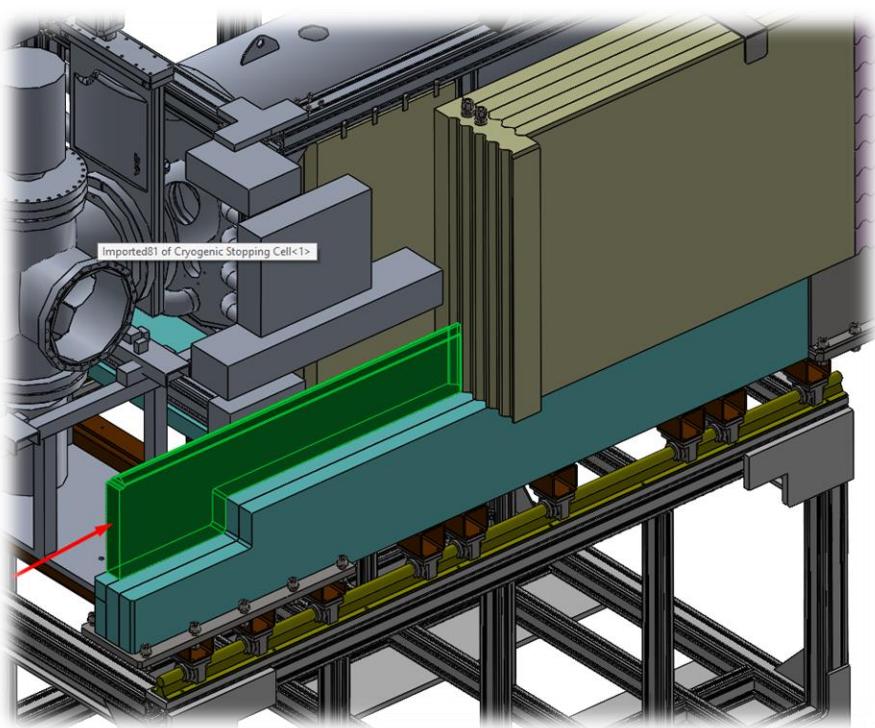
Use screws (70) and T-nuts (71)
on to attach the holster

The back holster might need to
be realigned later, but ideally
you attach them now.

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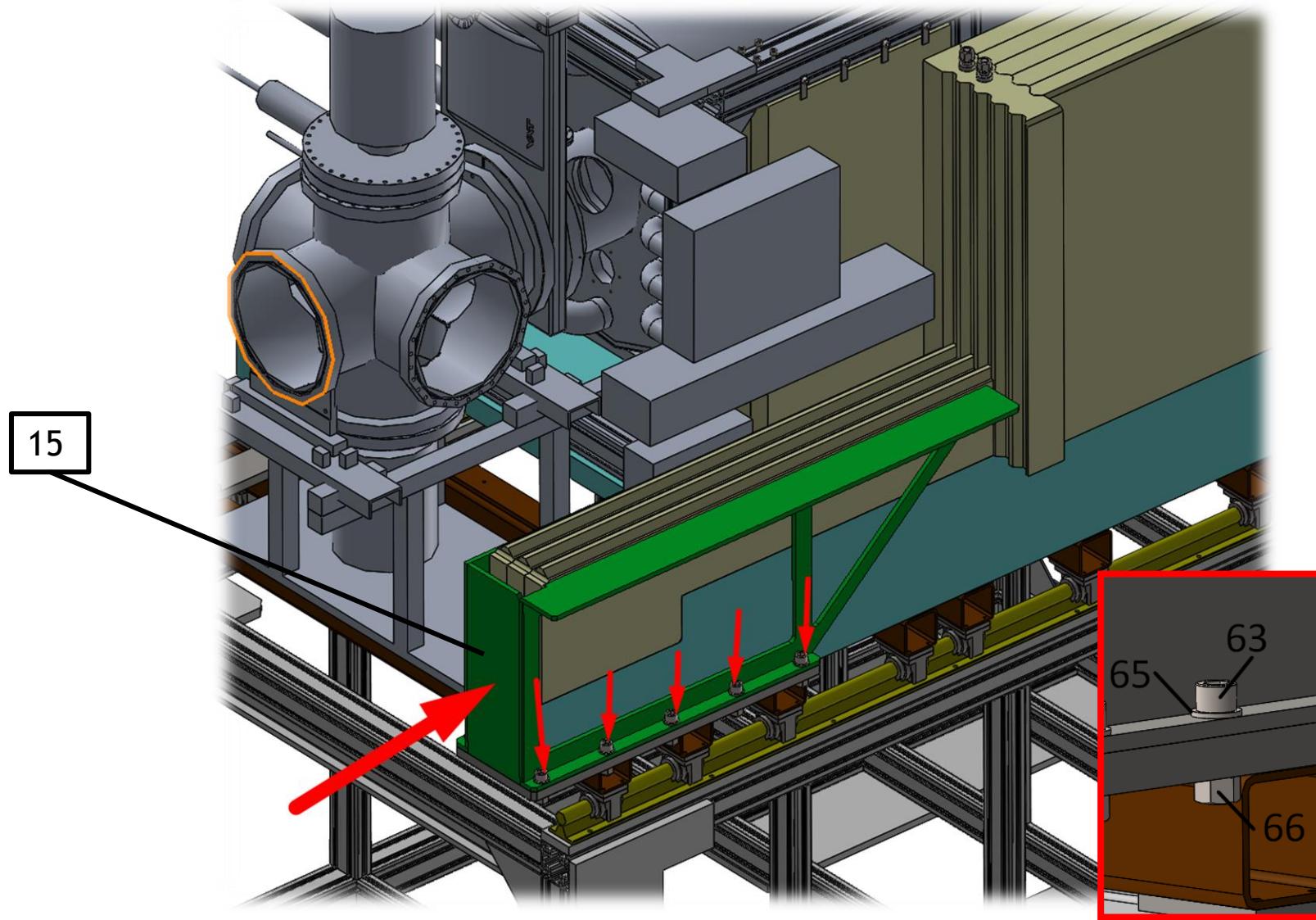
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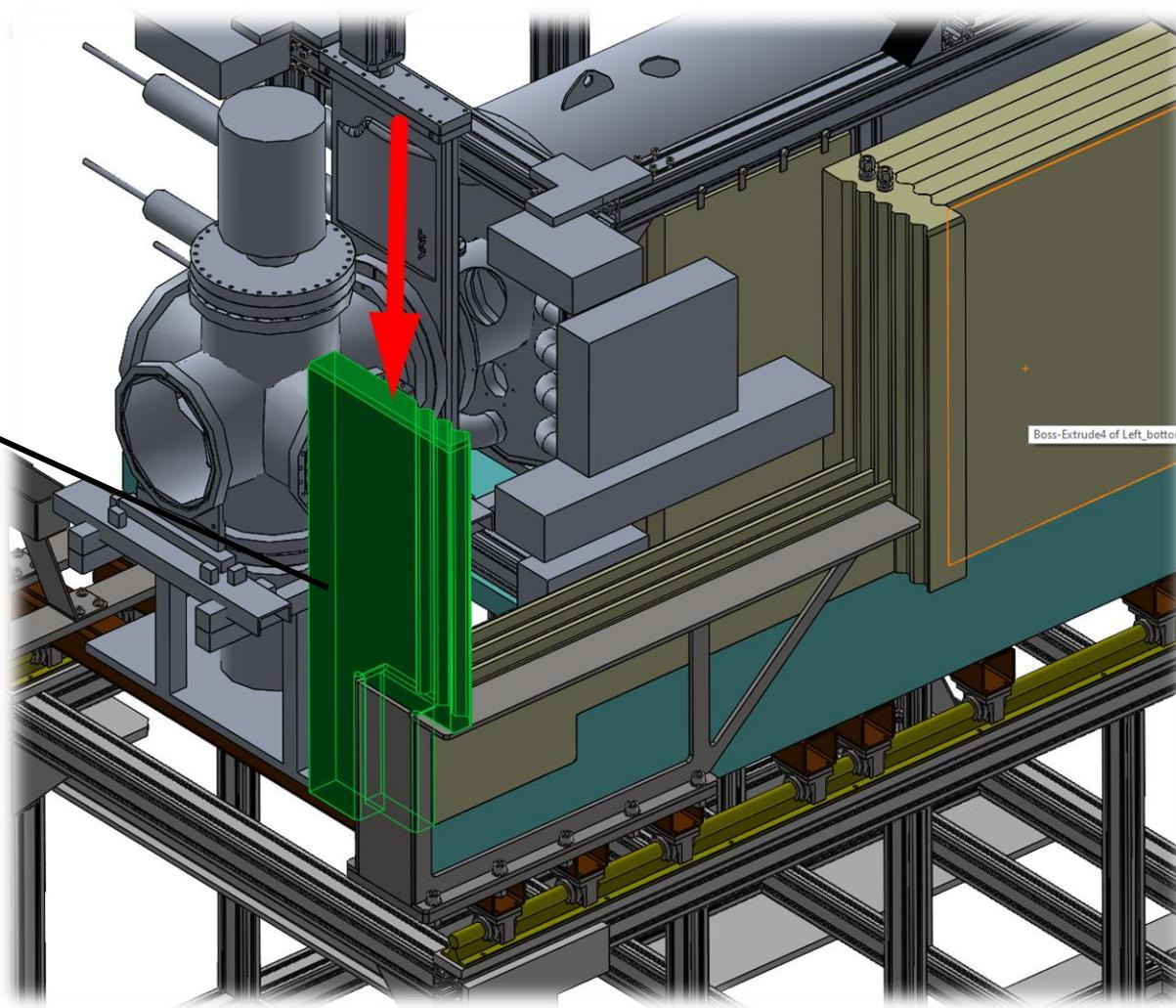


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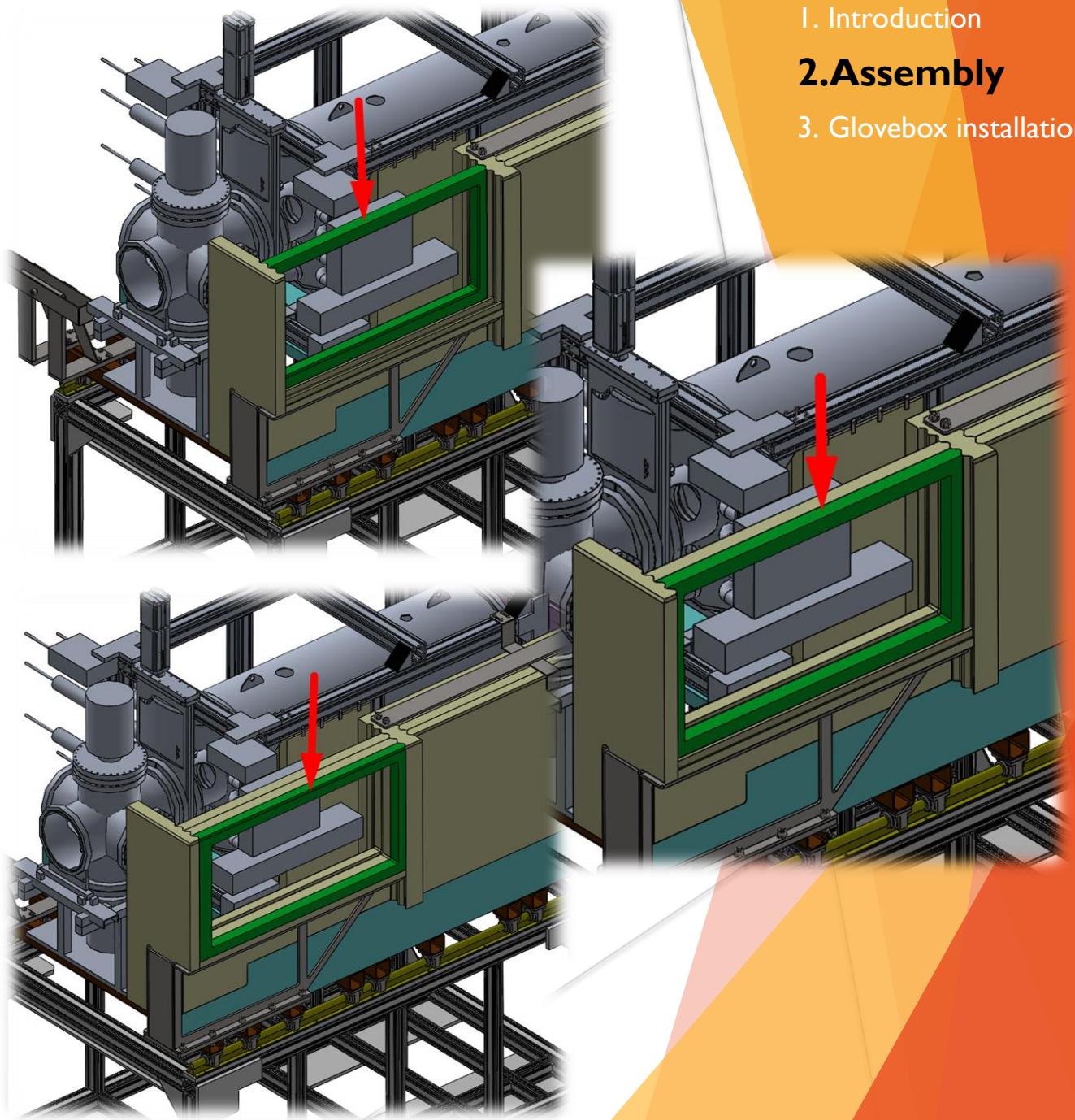
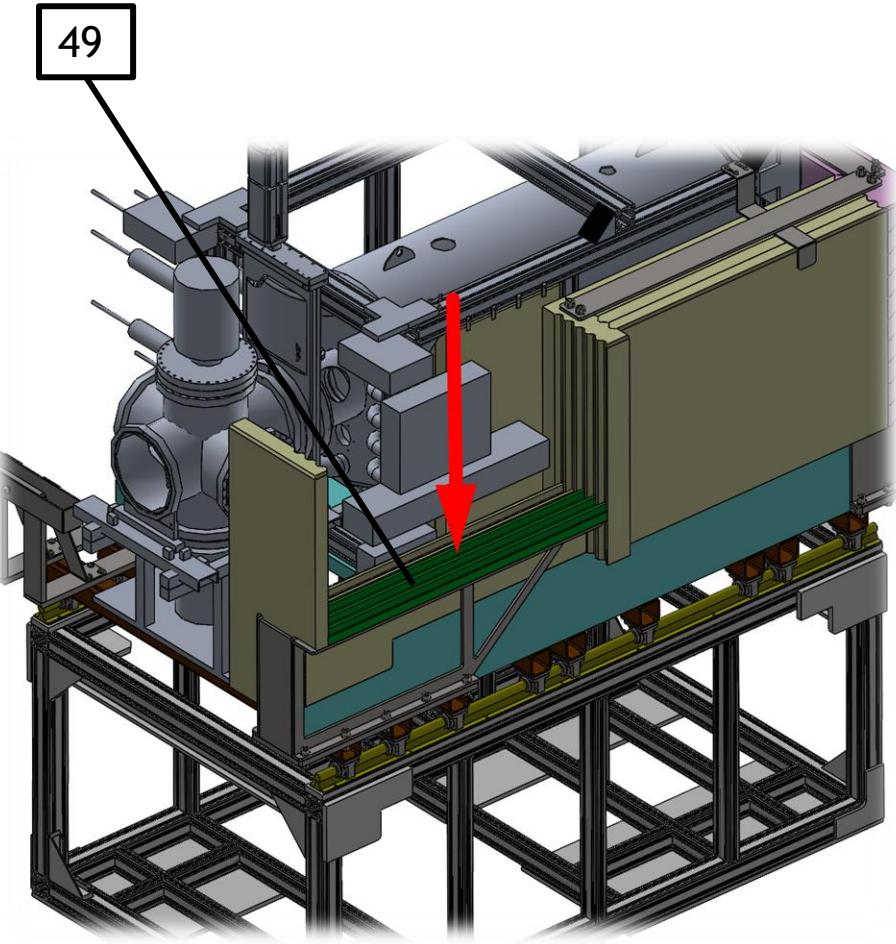
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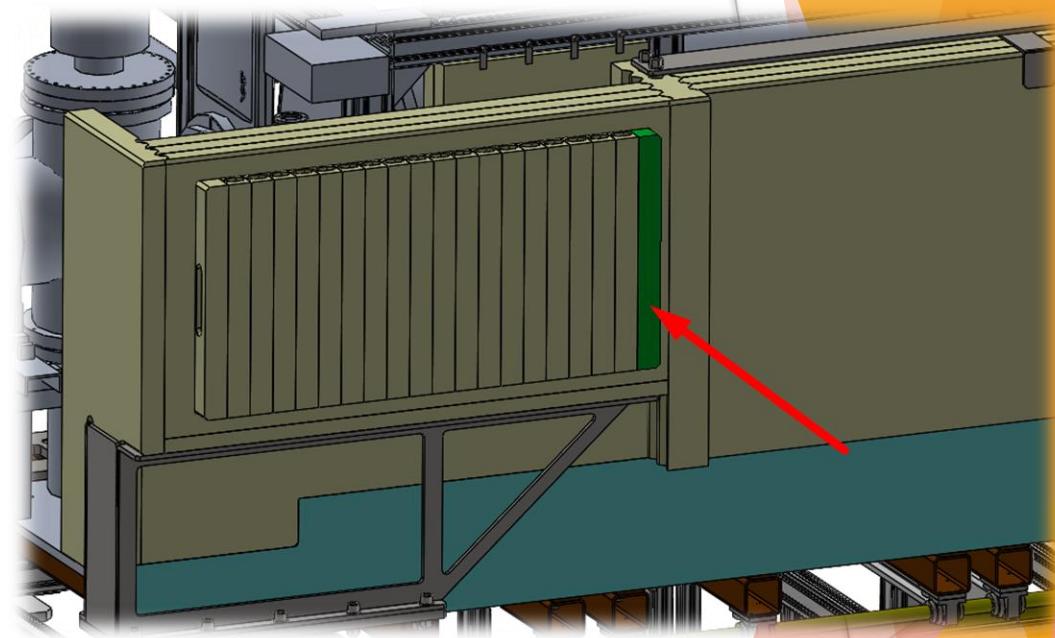
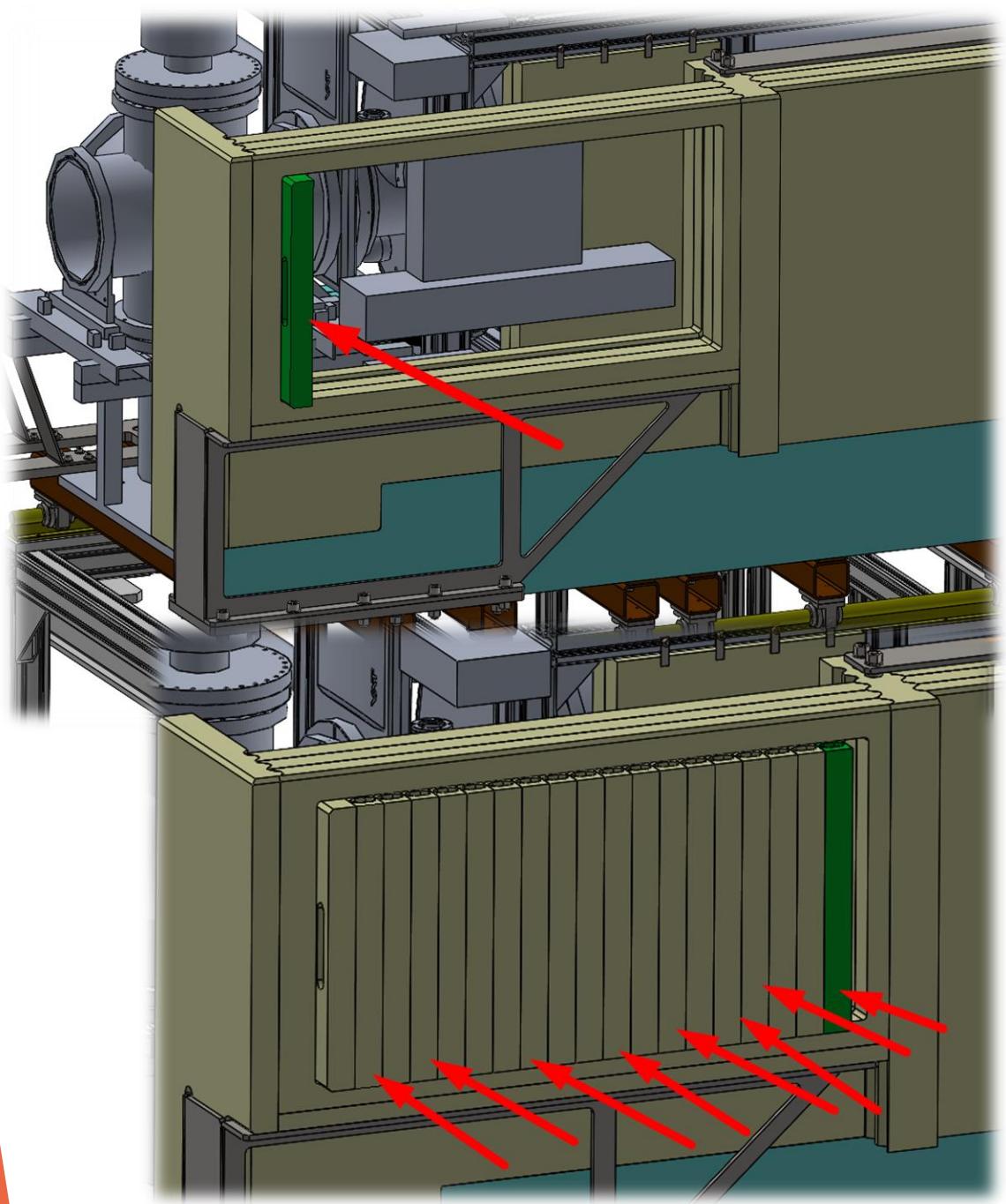
3. Glovebox installation



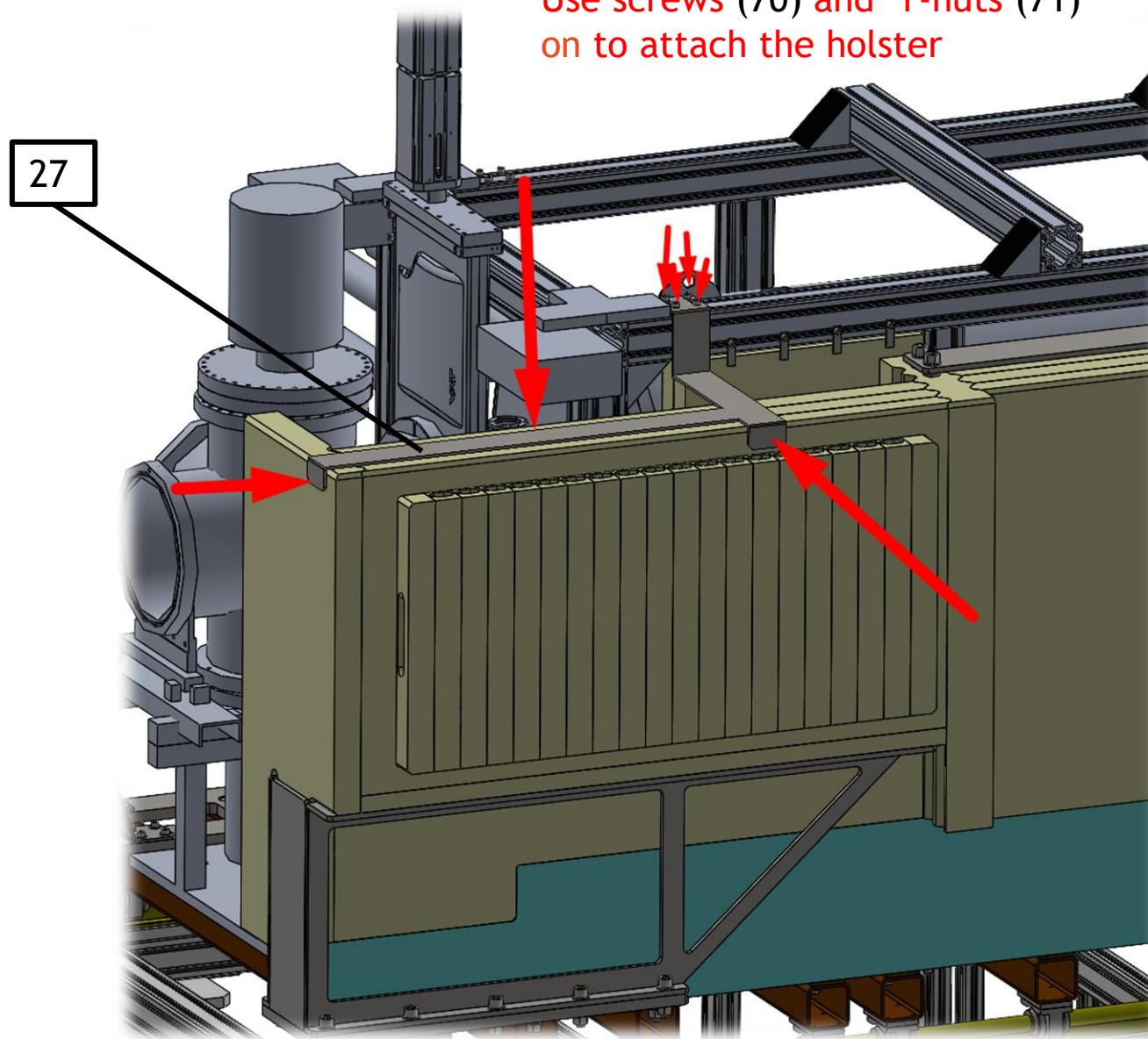
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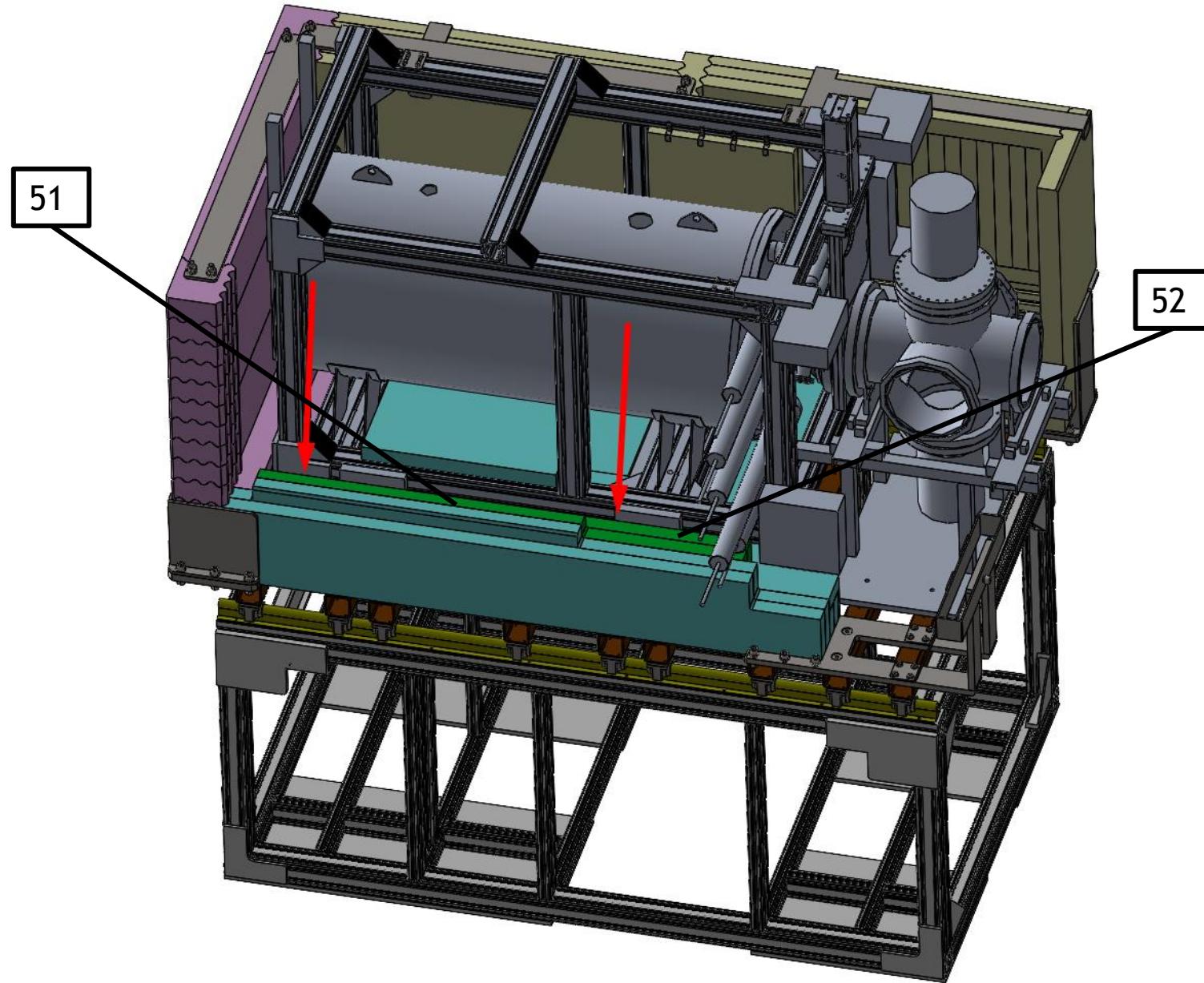
3. Glovebox installation



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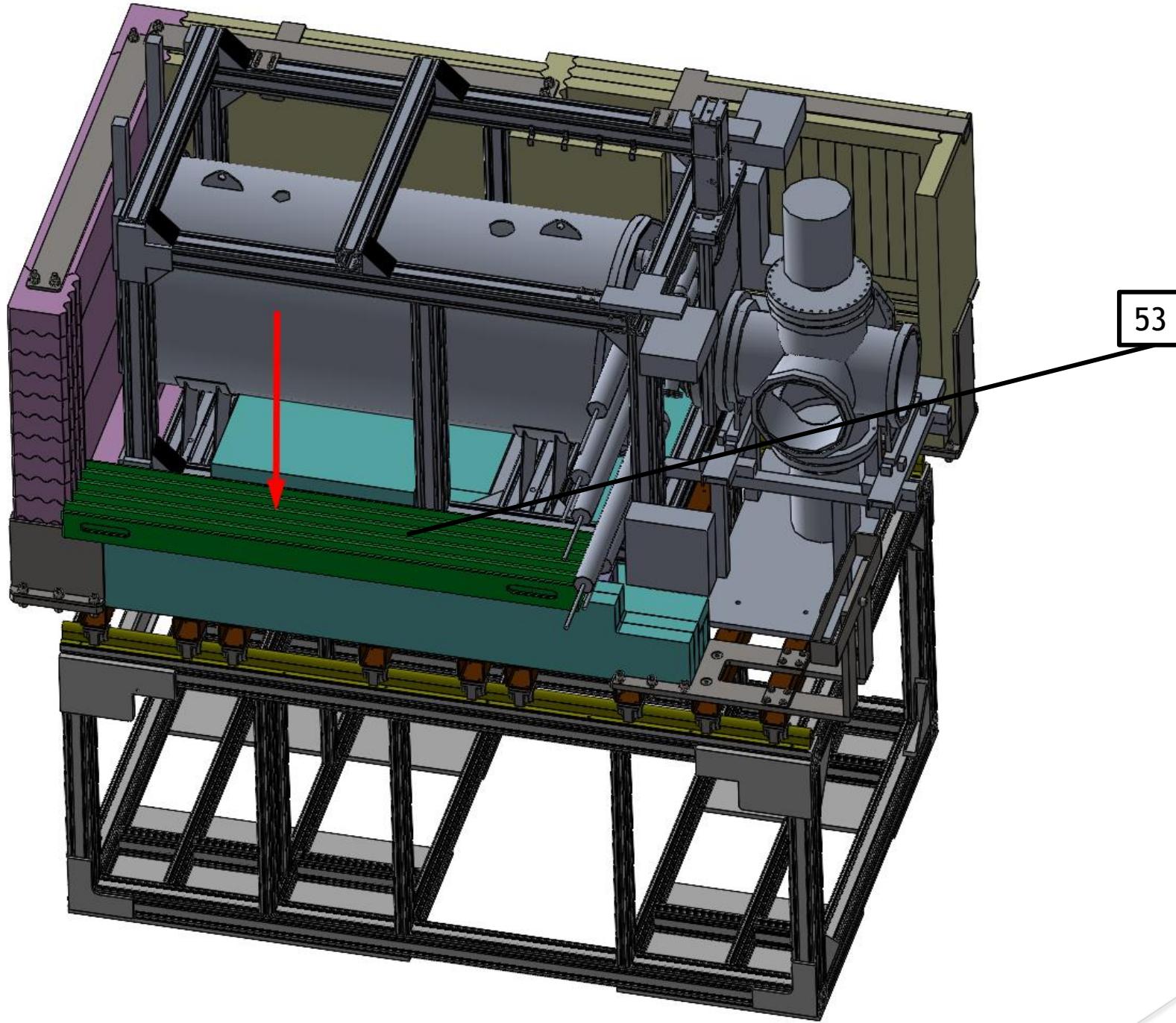
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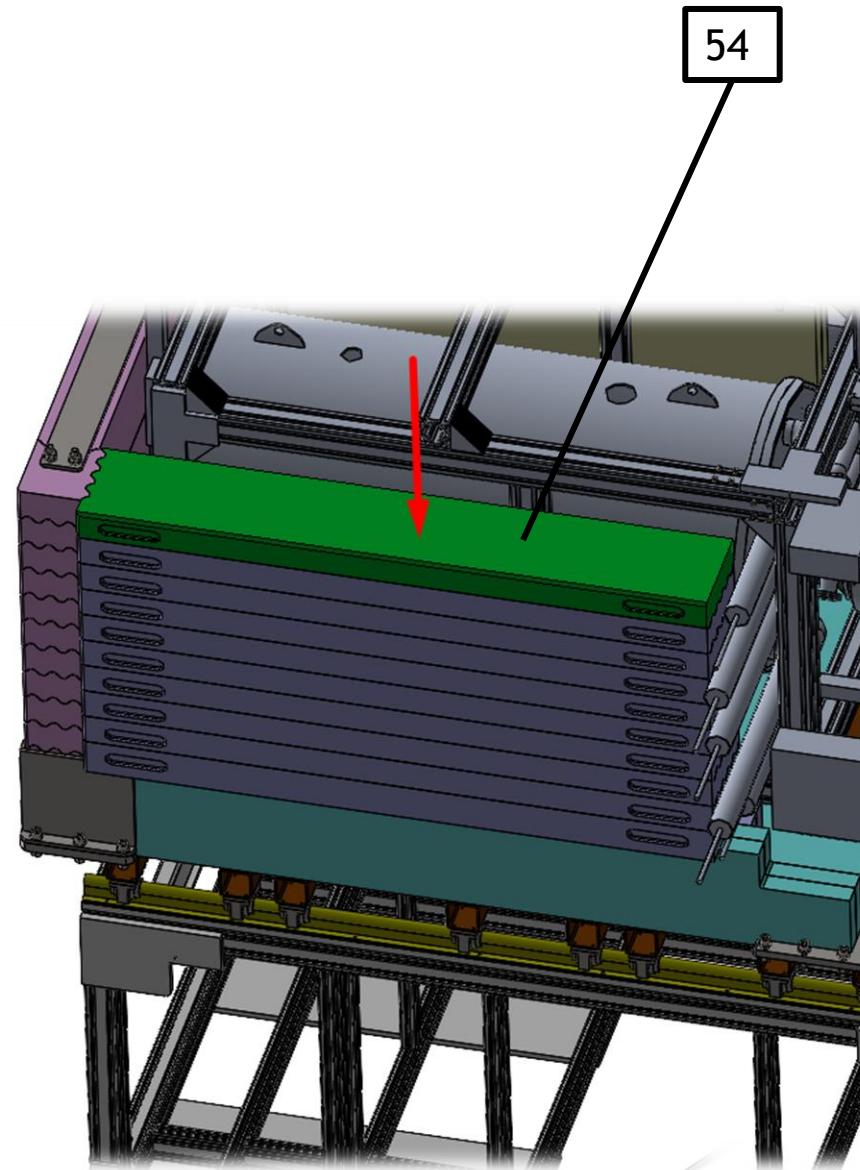
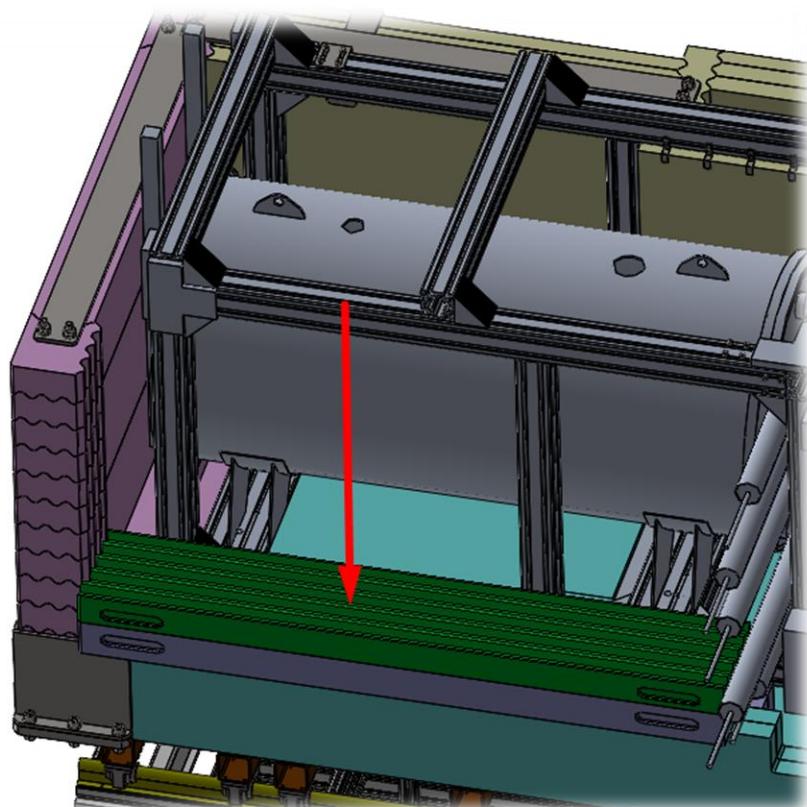
3. Glovebox installation

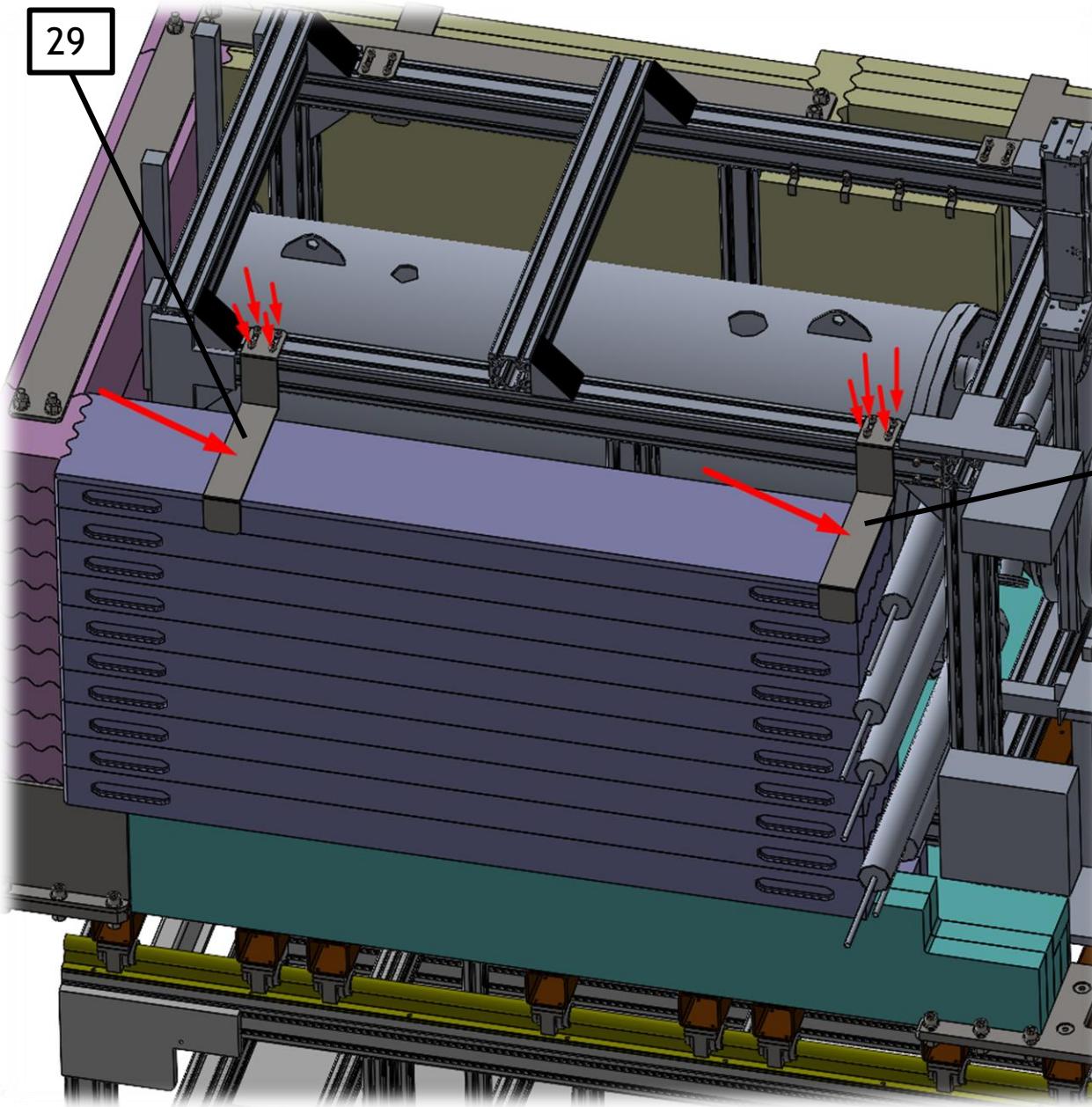


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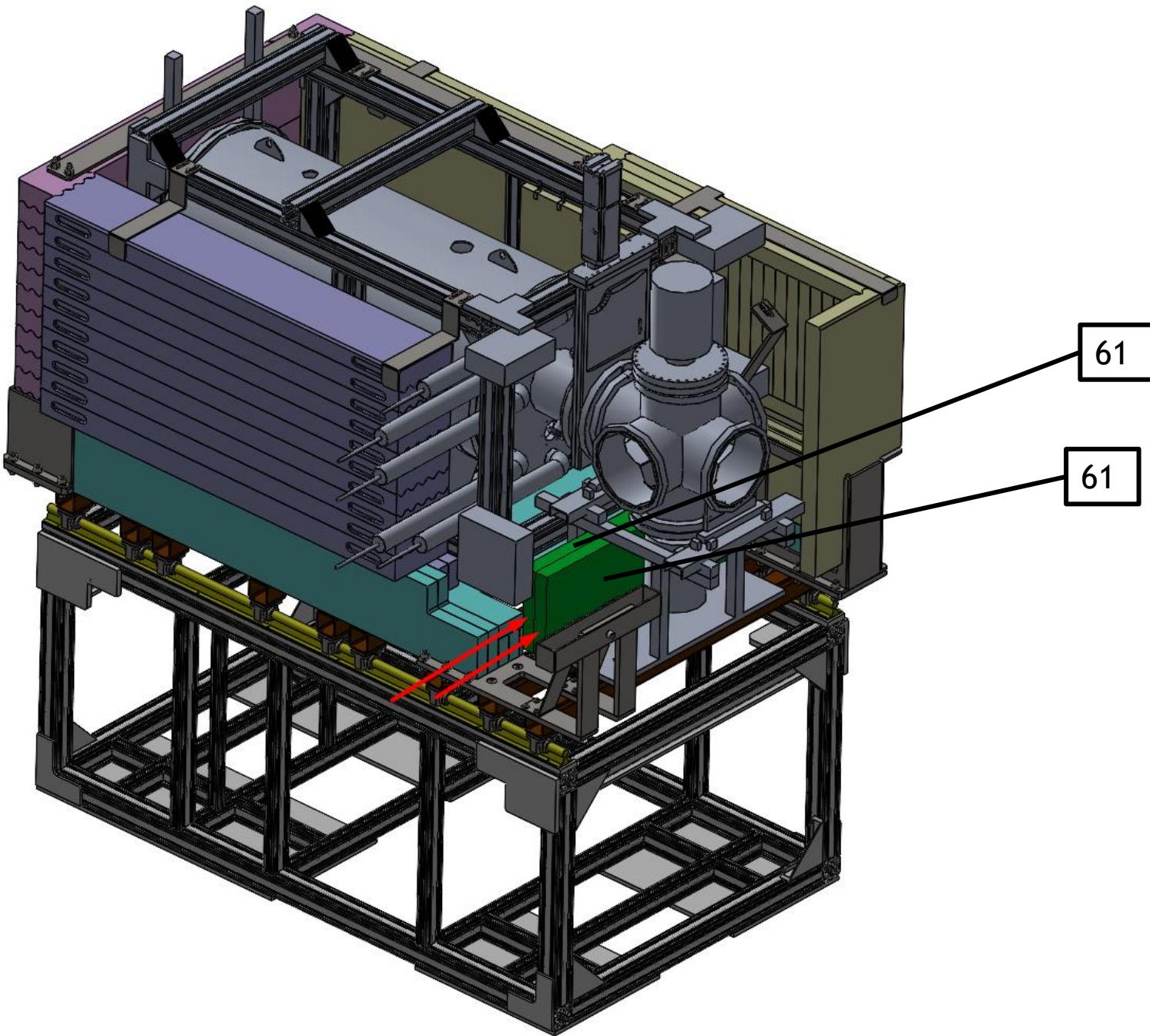
Use screws (70) and
T-nuts (71) on to
attach the holster

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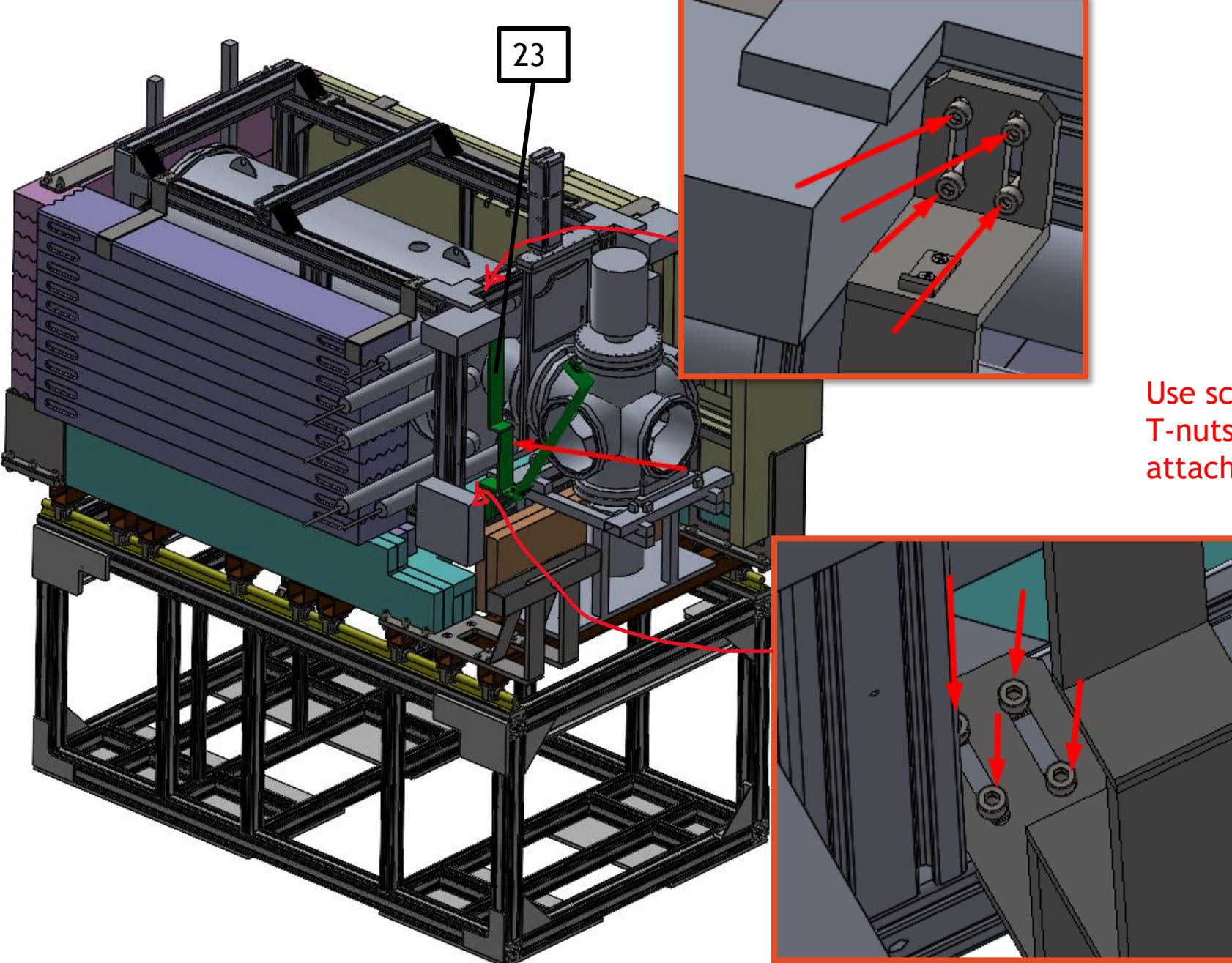
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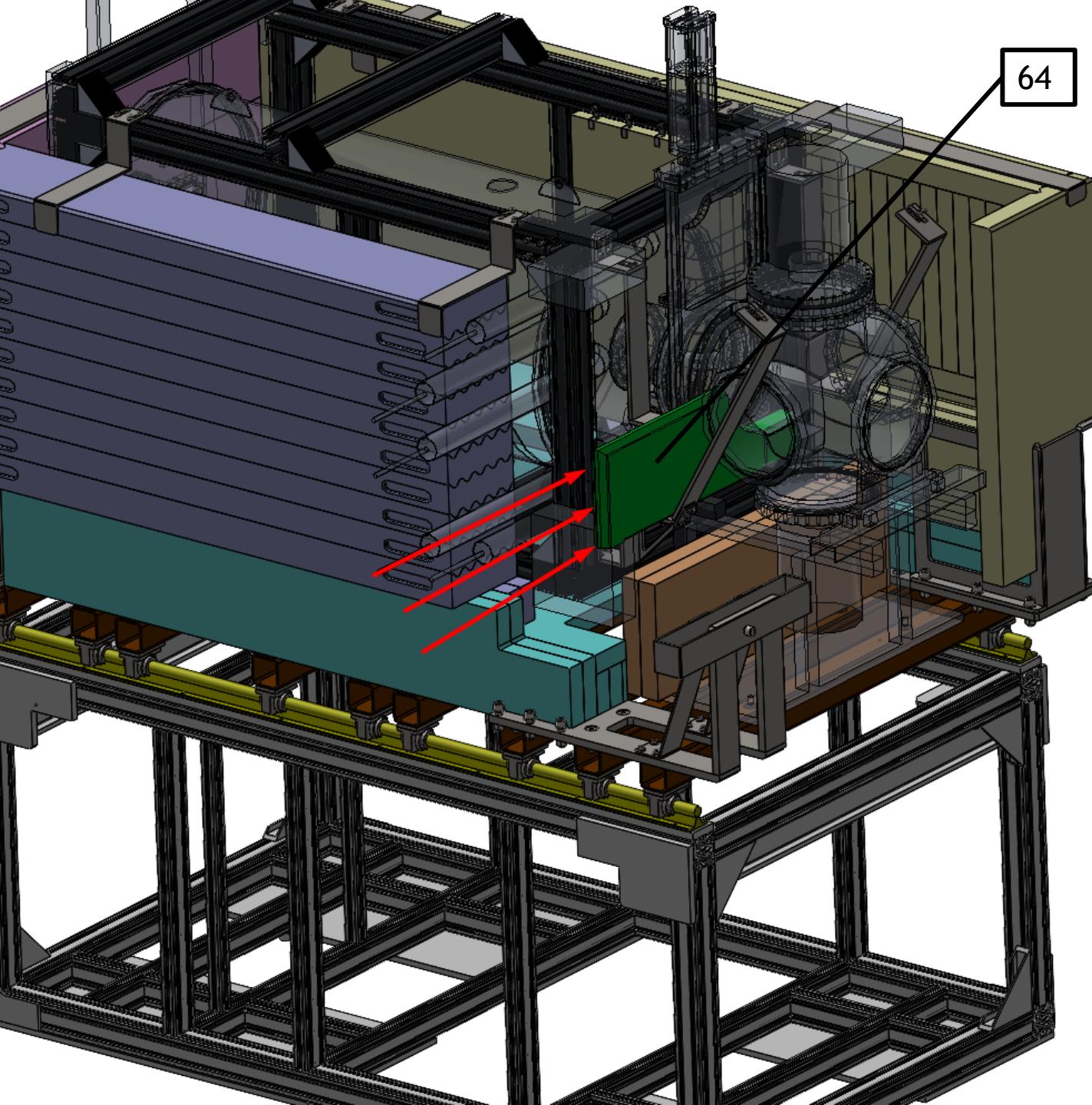
3. Glovebox installation



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Use screws (70) and
T-nuts (71) on to
attach the holster

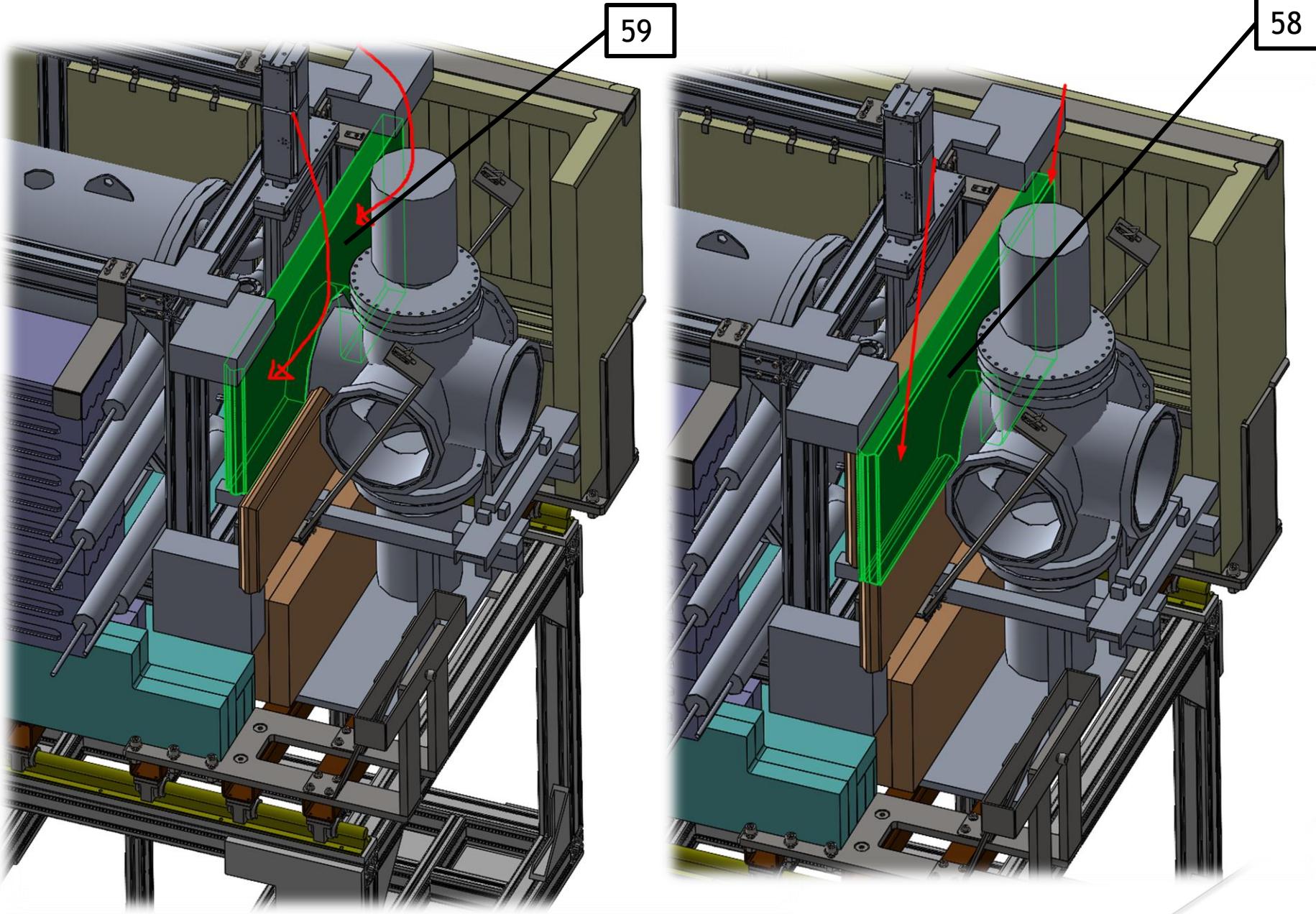


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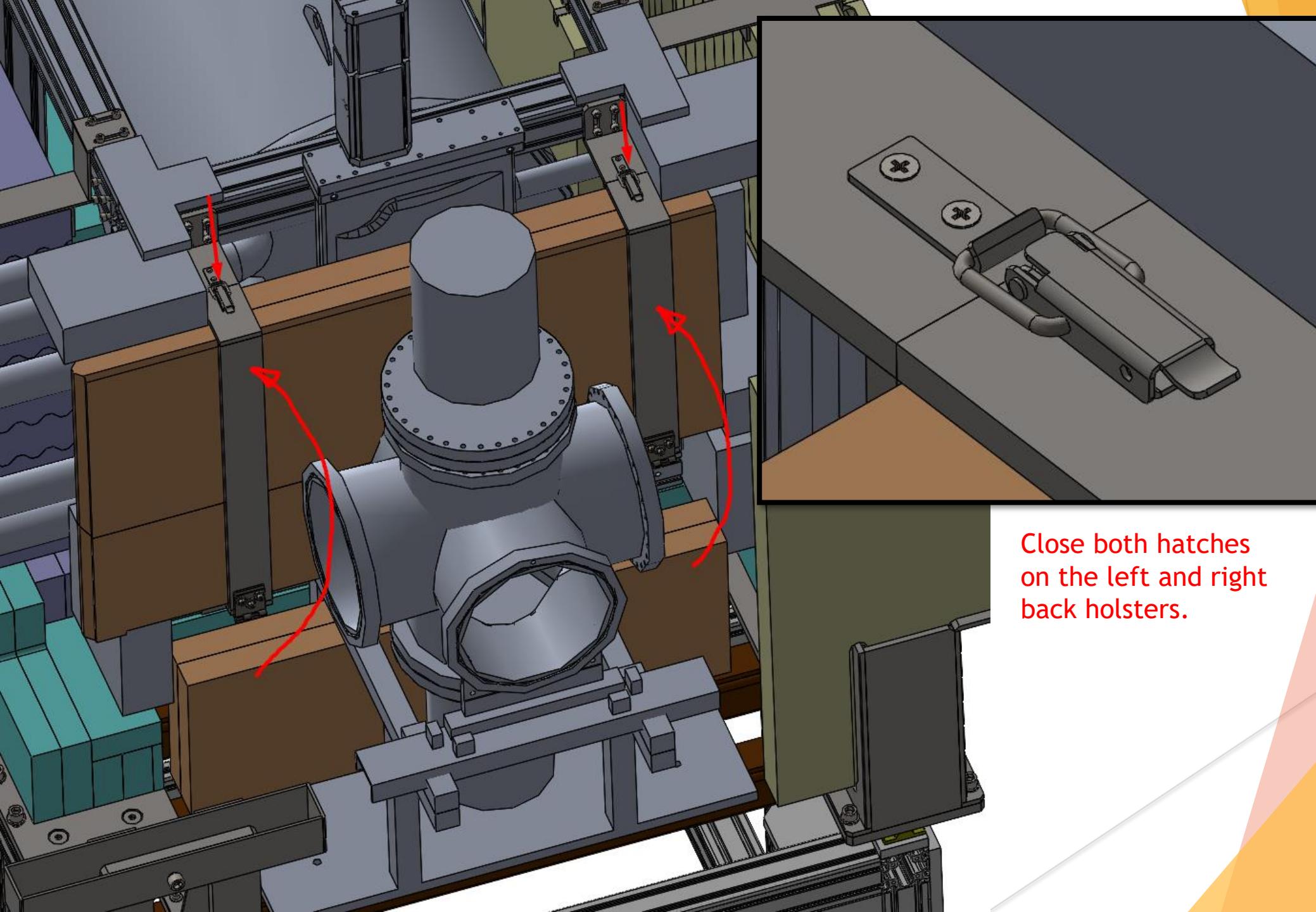
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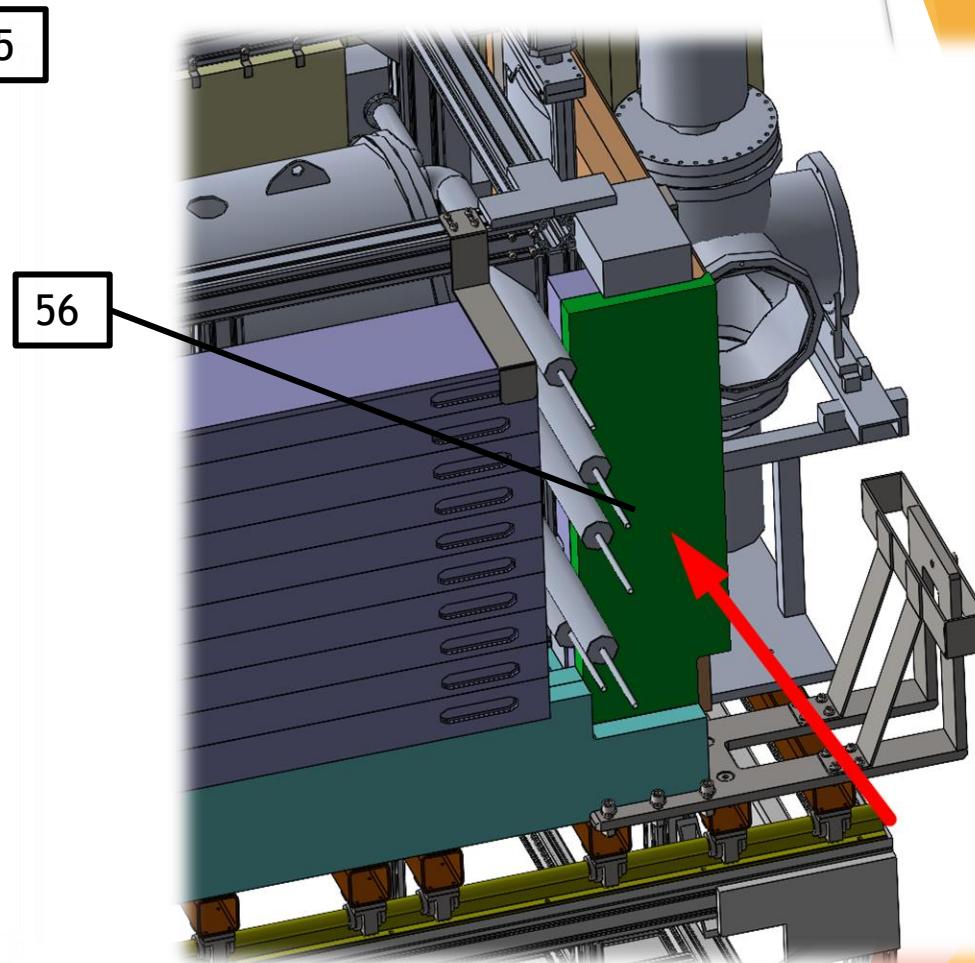
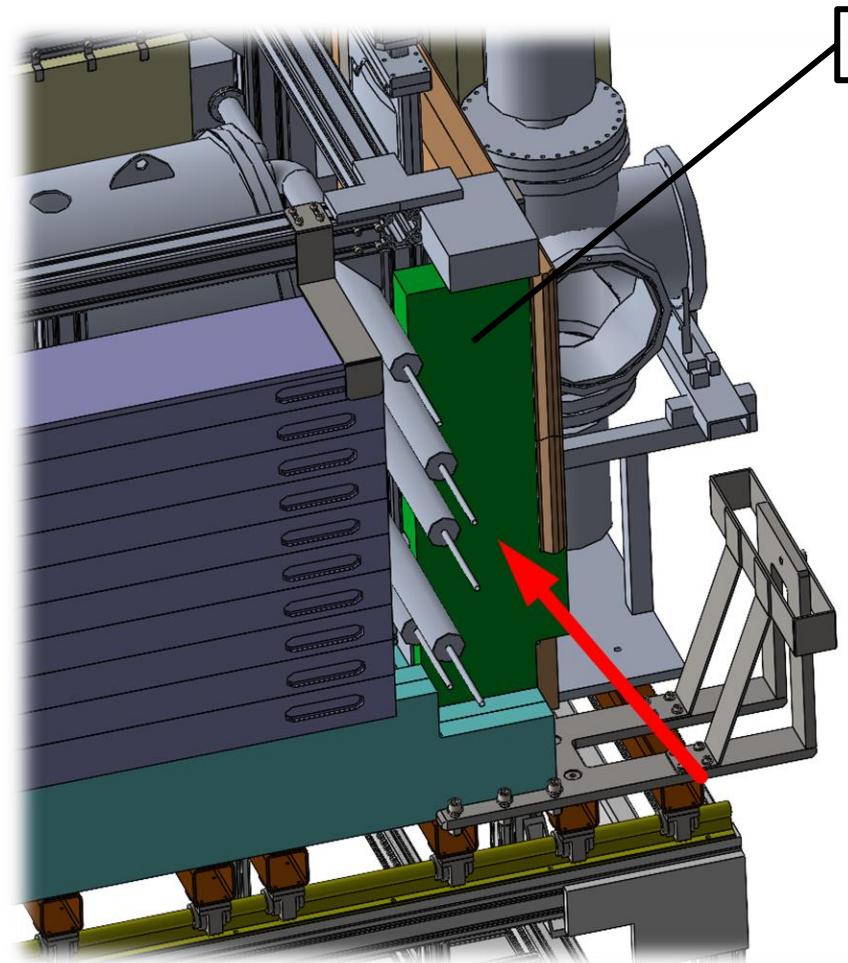


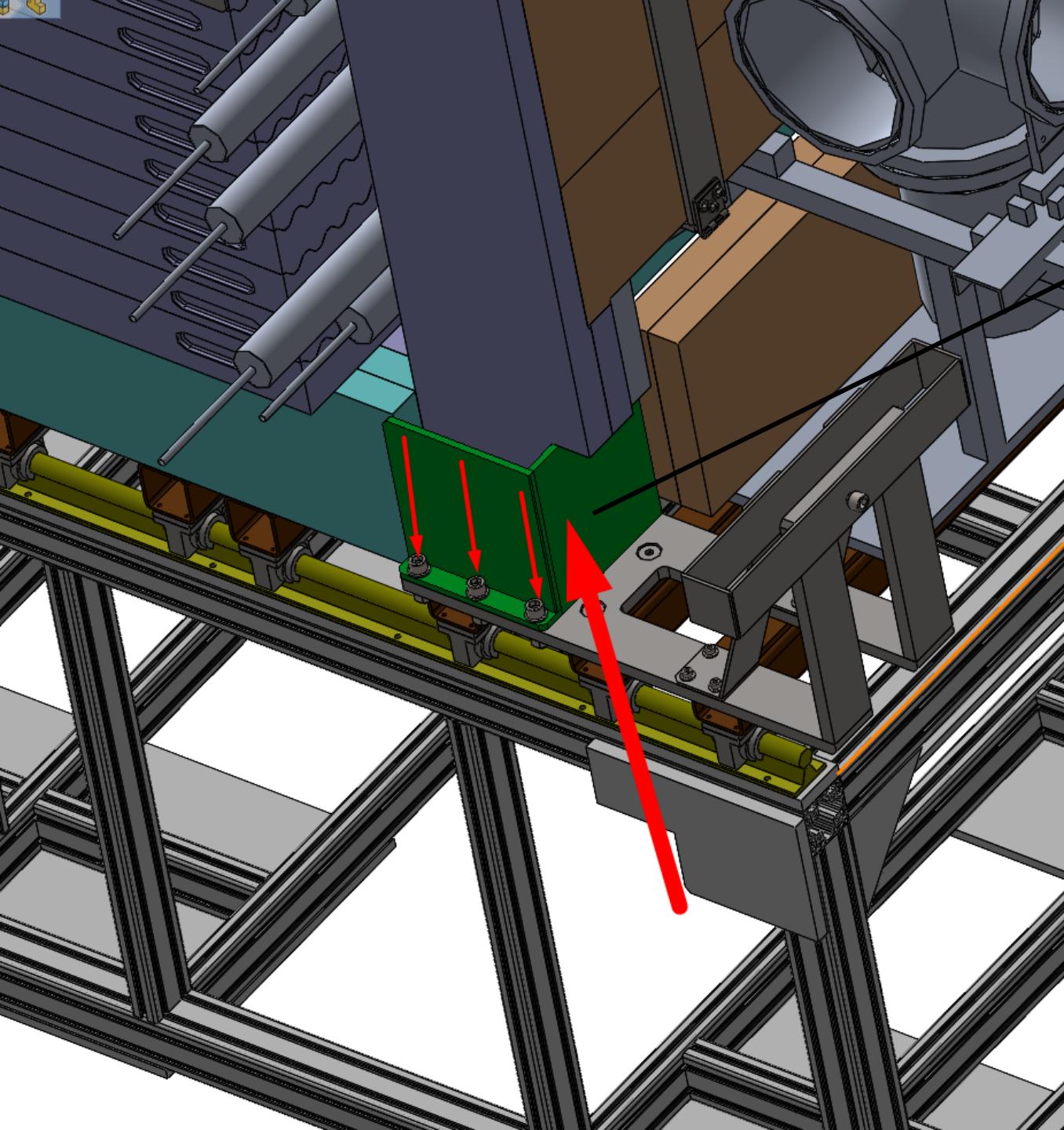
Close both hatches
on the left and right
back holsters.

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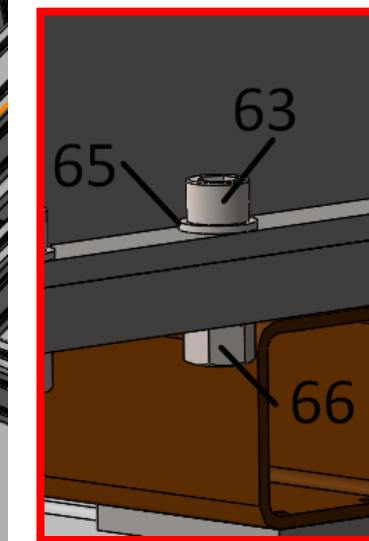
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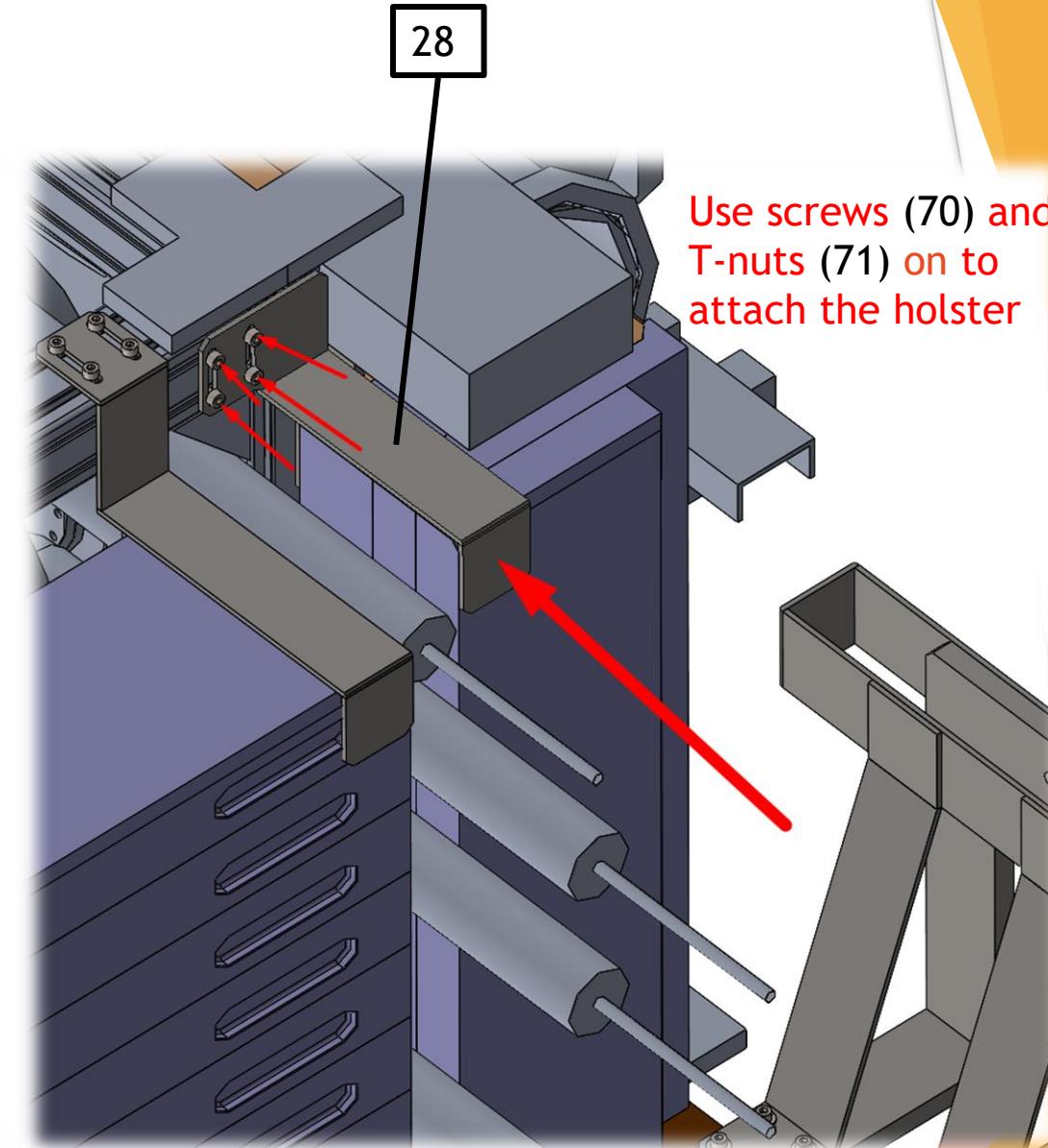
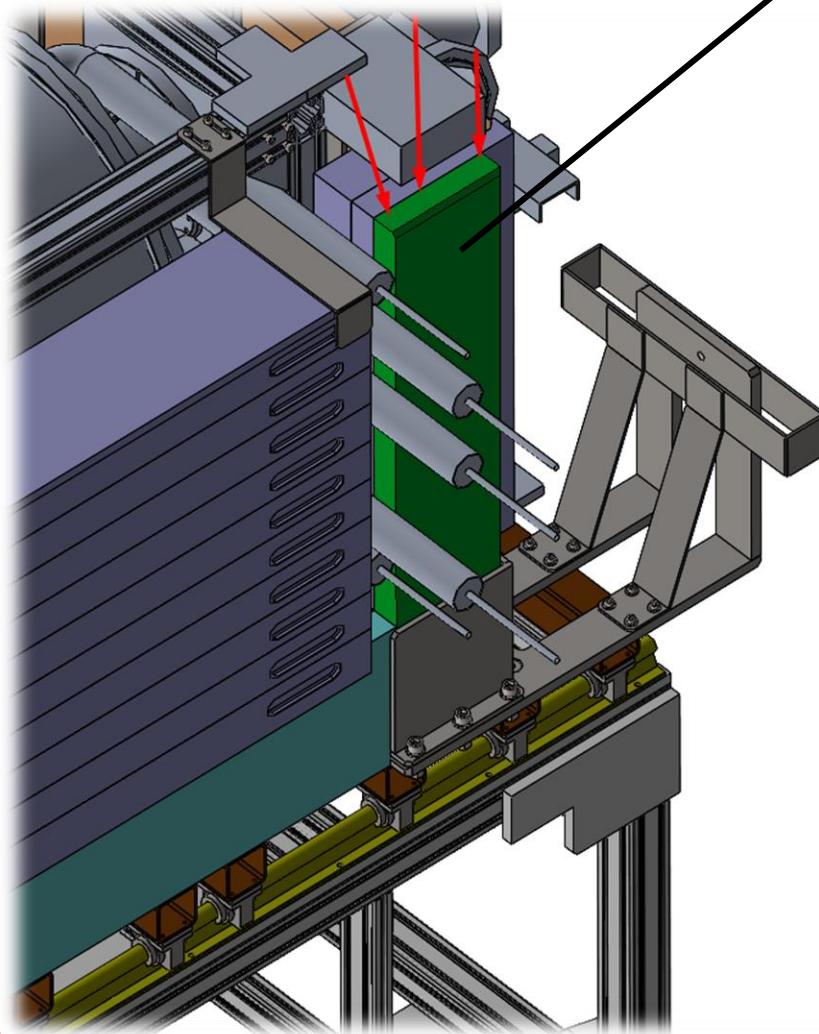
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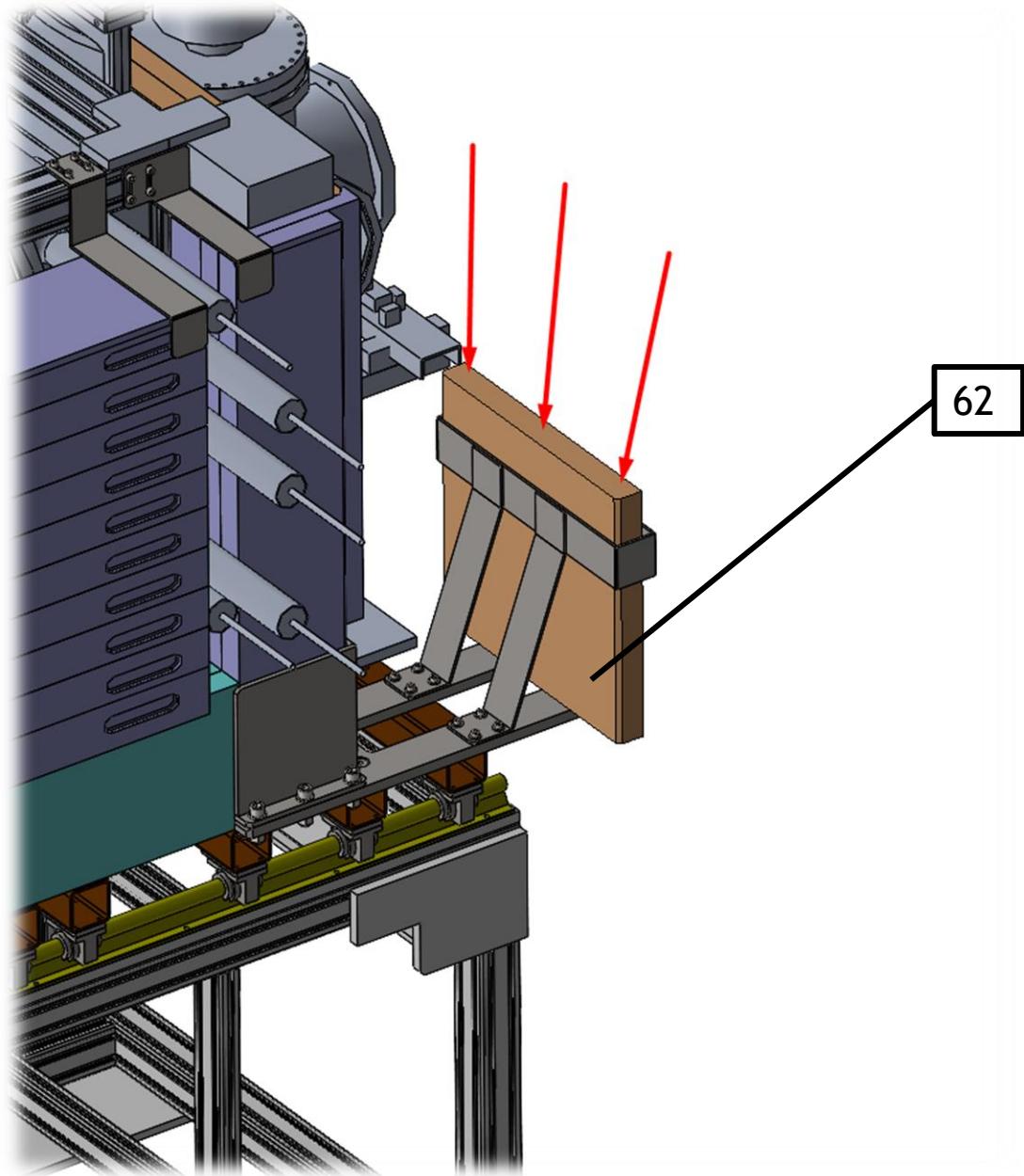
3. Glovebox installation

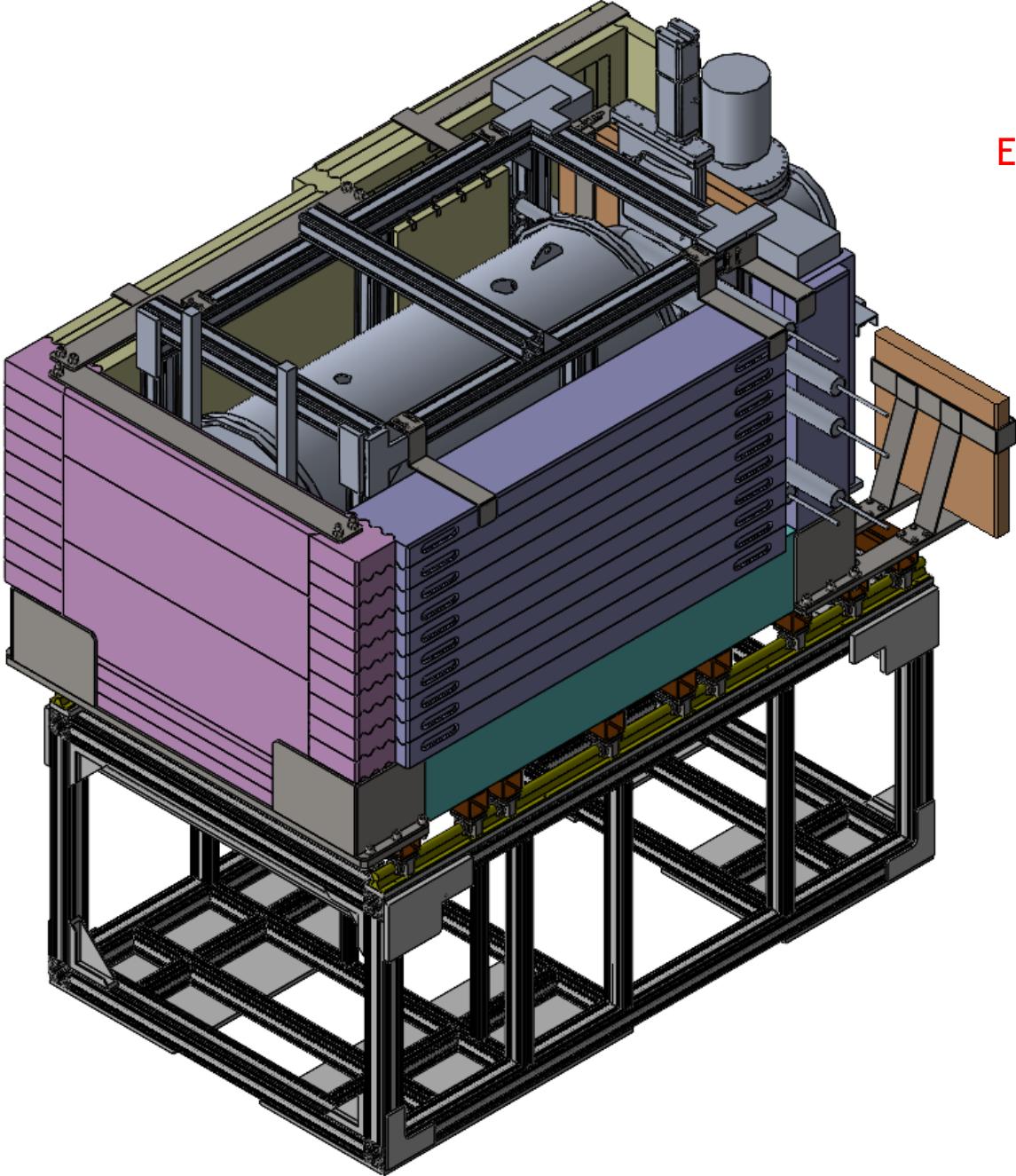


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A detailed 3D cutaway diagram of a large industrial machine. It features a black steel frame with a purple insulation layer on the left side. Inside, there are various components: a grey horizontal plate at the top, a blue stack of rectangular panels in the center, and a green horizontal plate at the bottom. A grey cylindrical pipe is attached to the top right. The entire assembly is set against a white background.

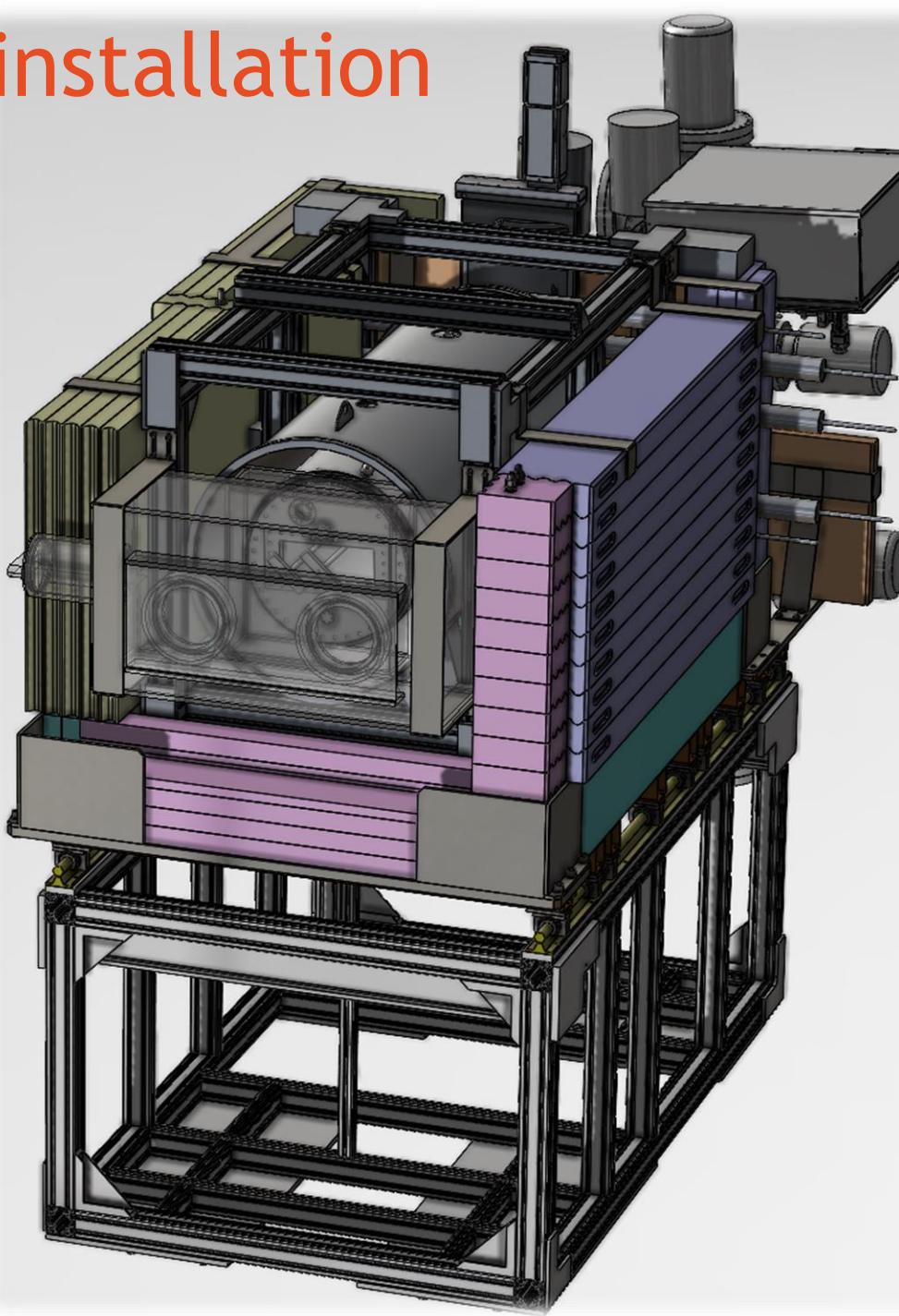
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END OF ASSEMBLY!

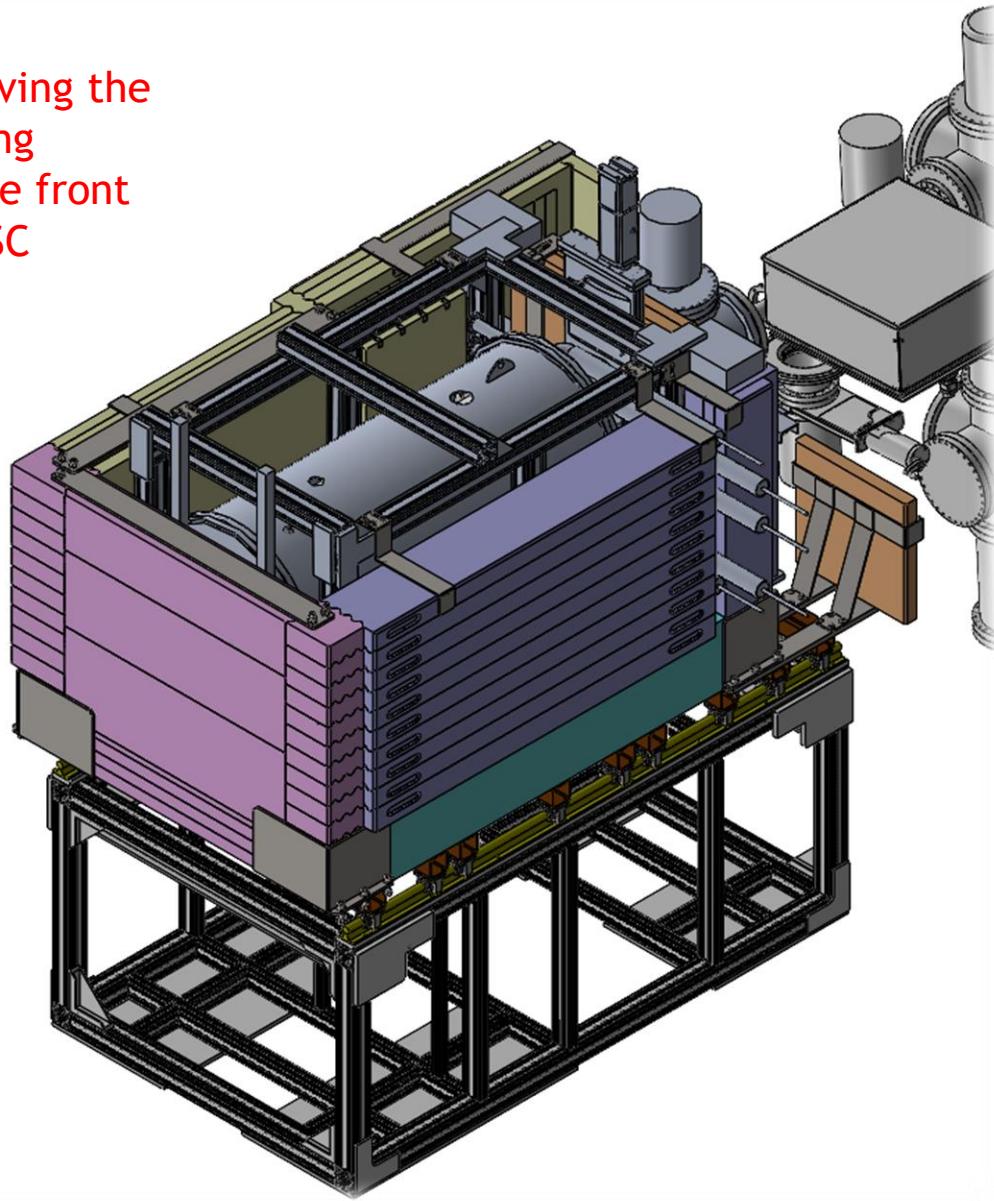
Glovebox installation



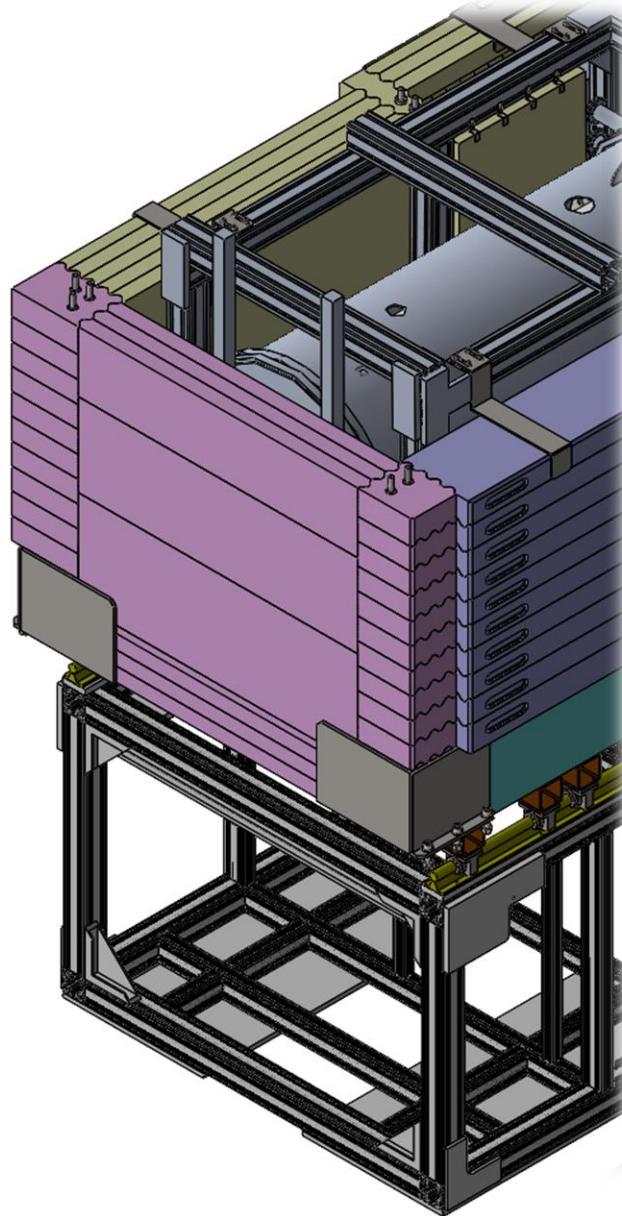
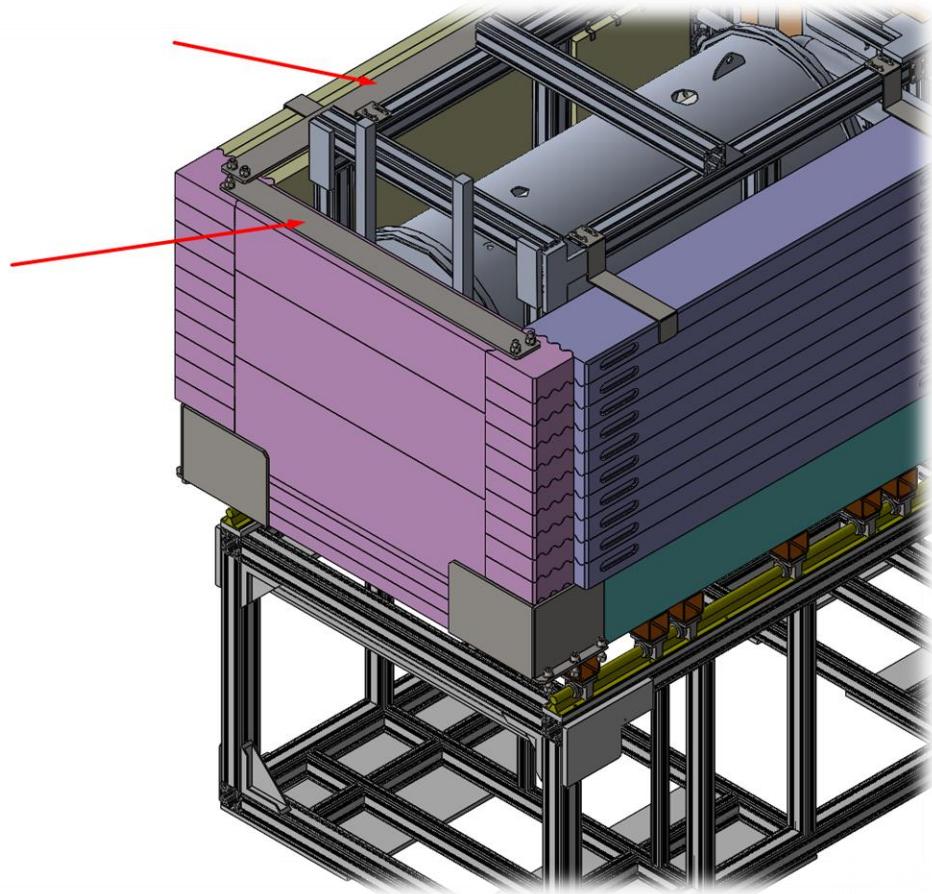
1. Introduction
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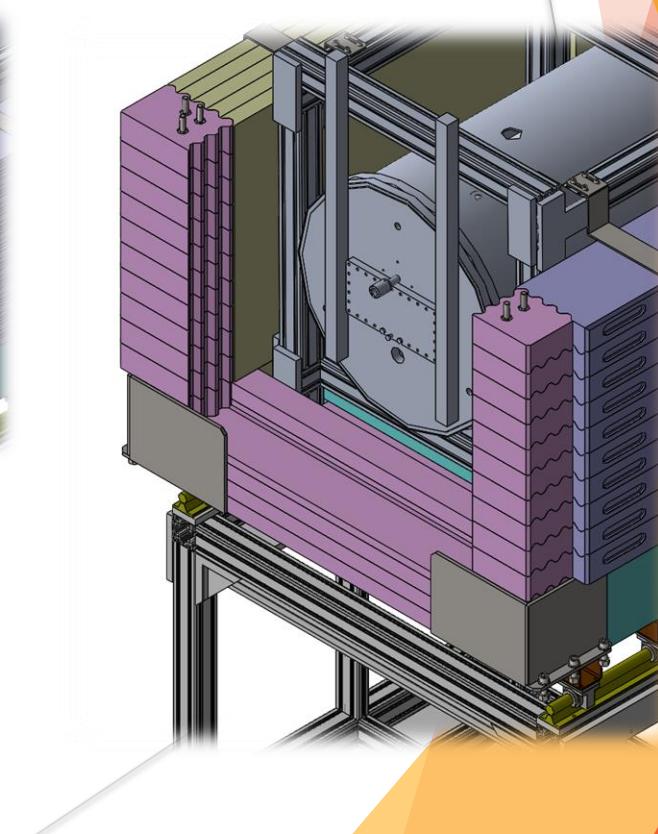
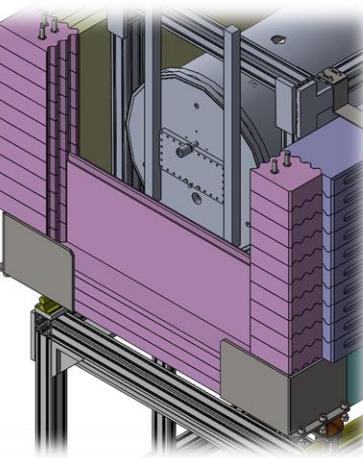
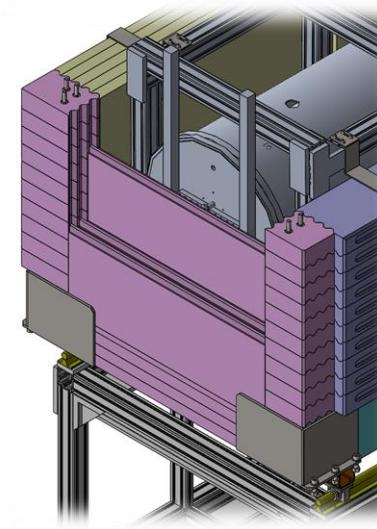
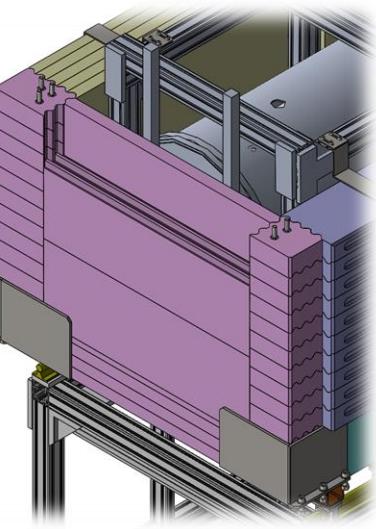
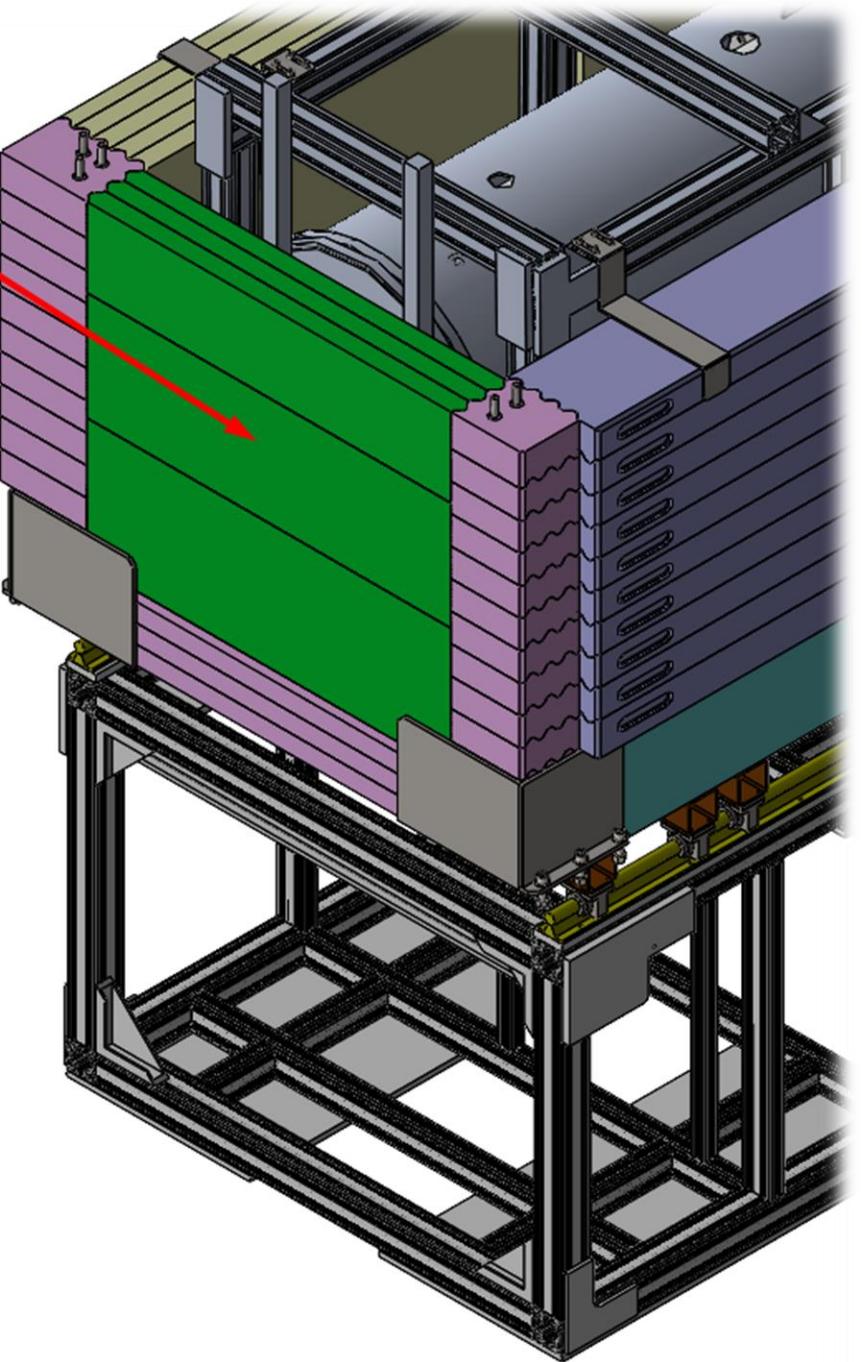
We start by removing the necessary shielding components in the front and left of the CSC

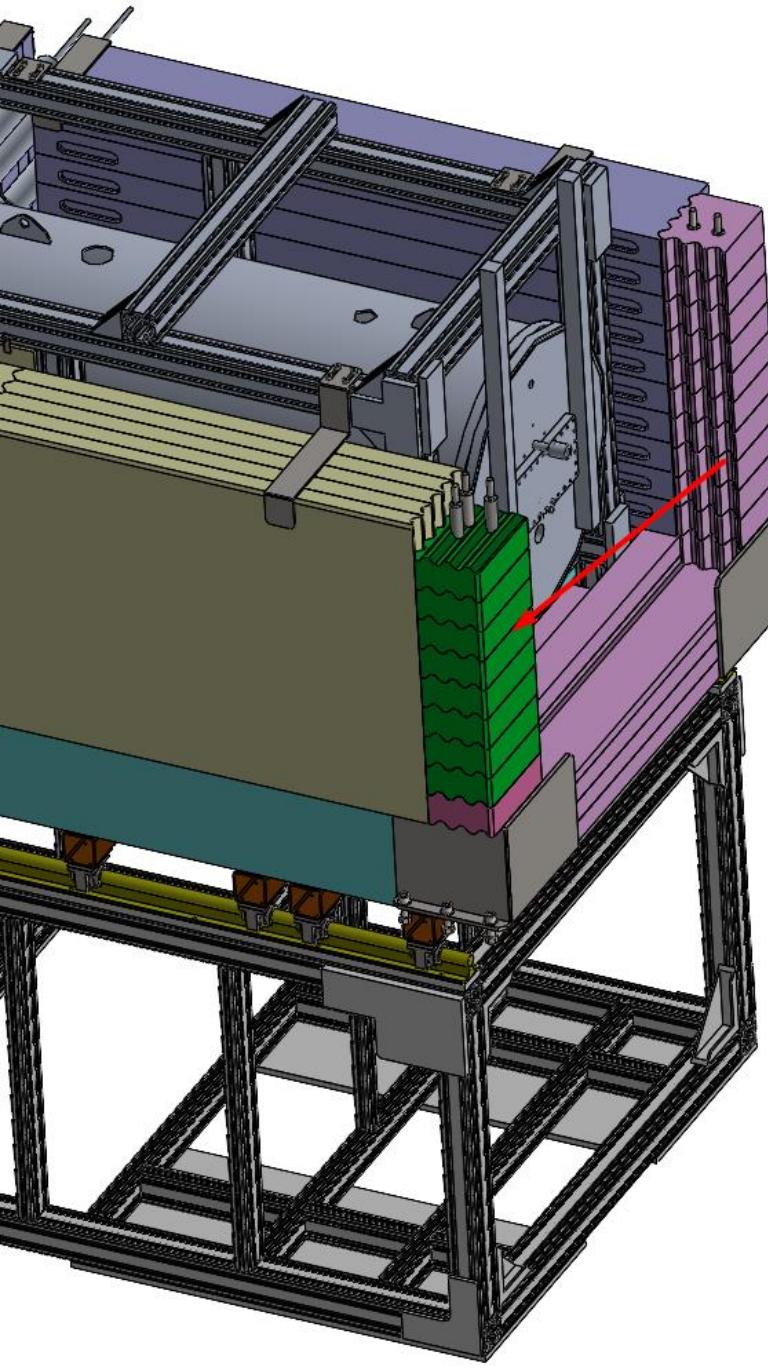
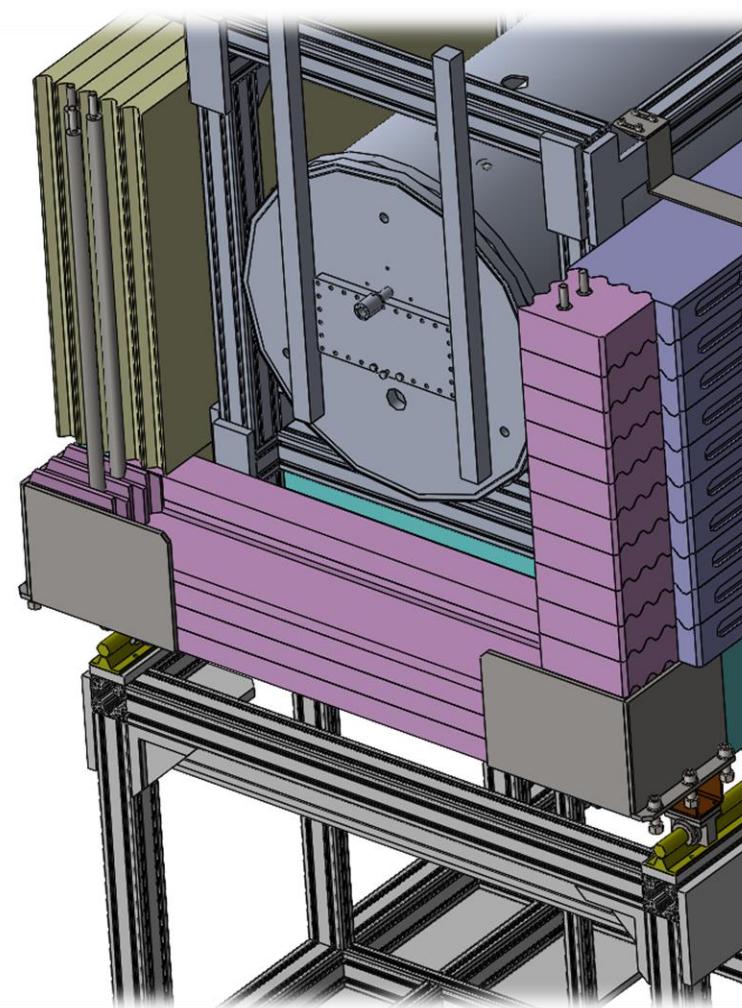


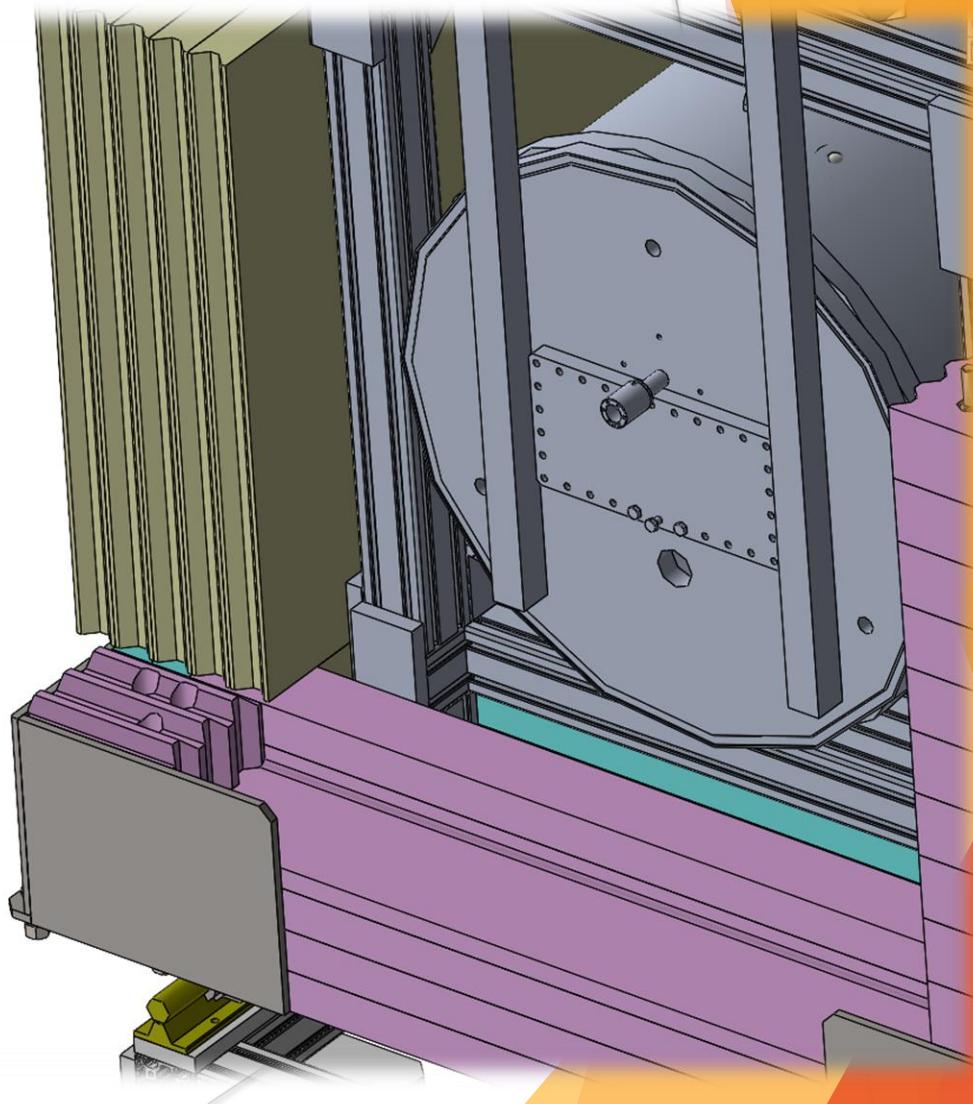
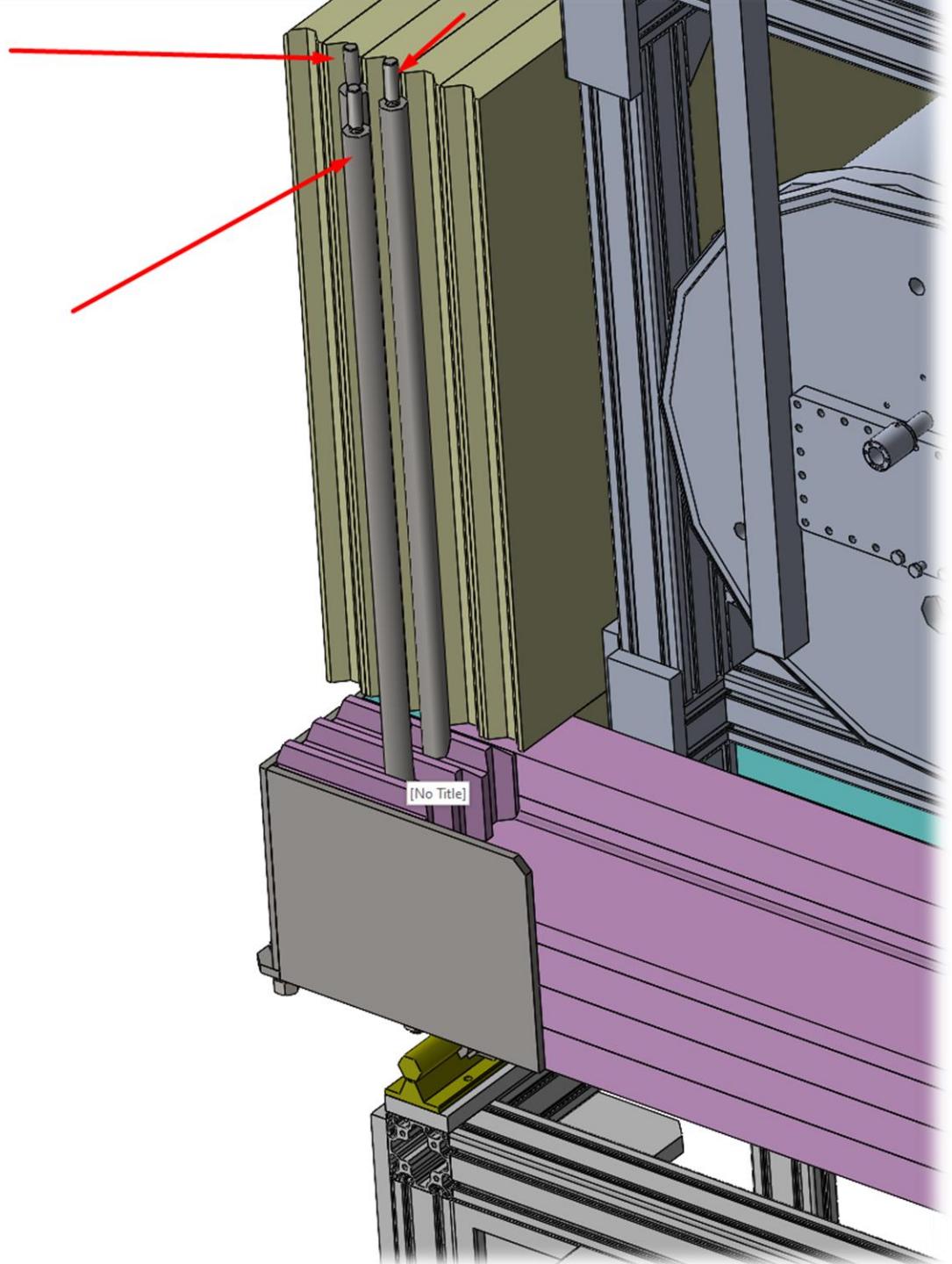
1. Introduction
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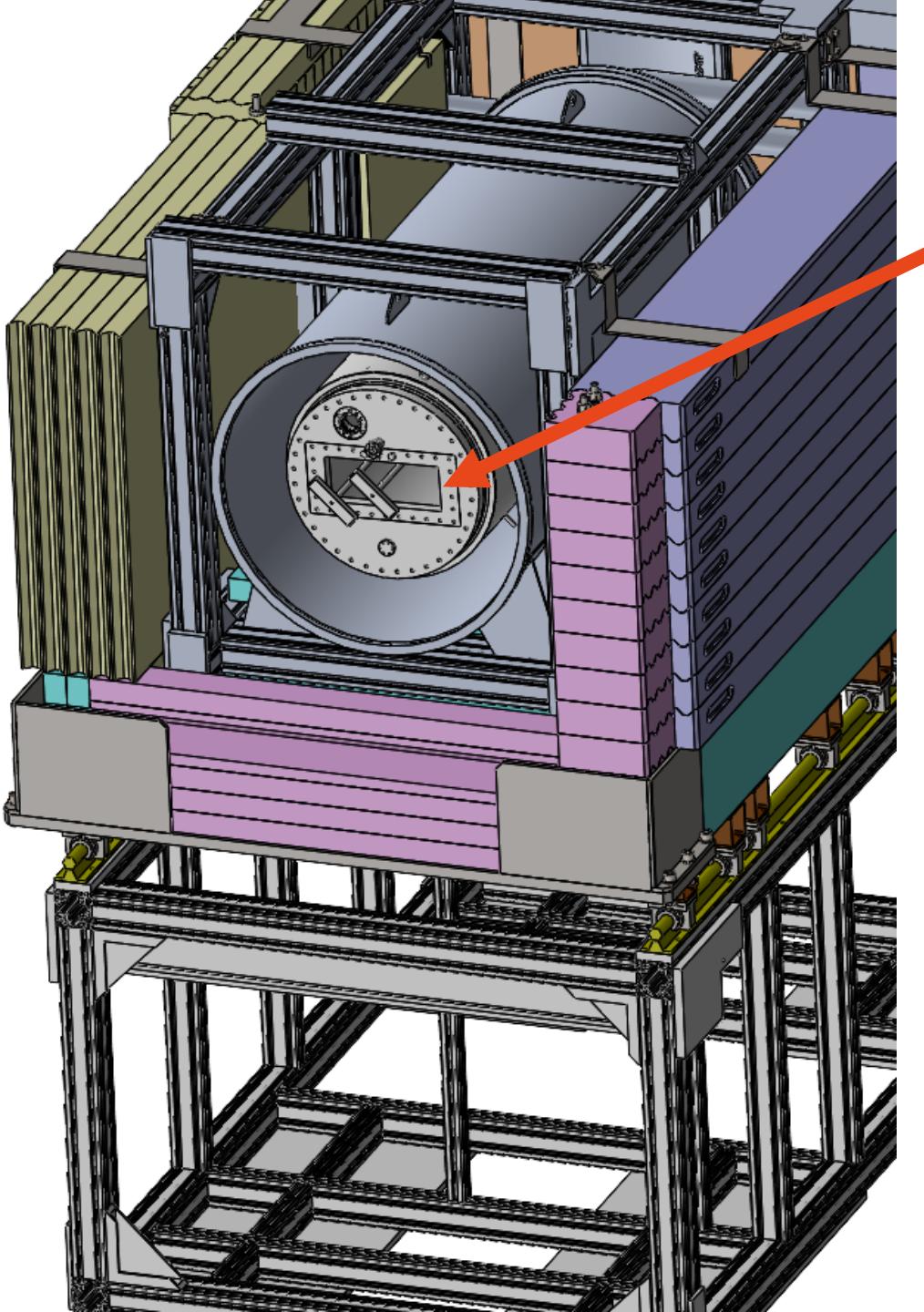
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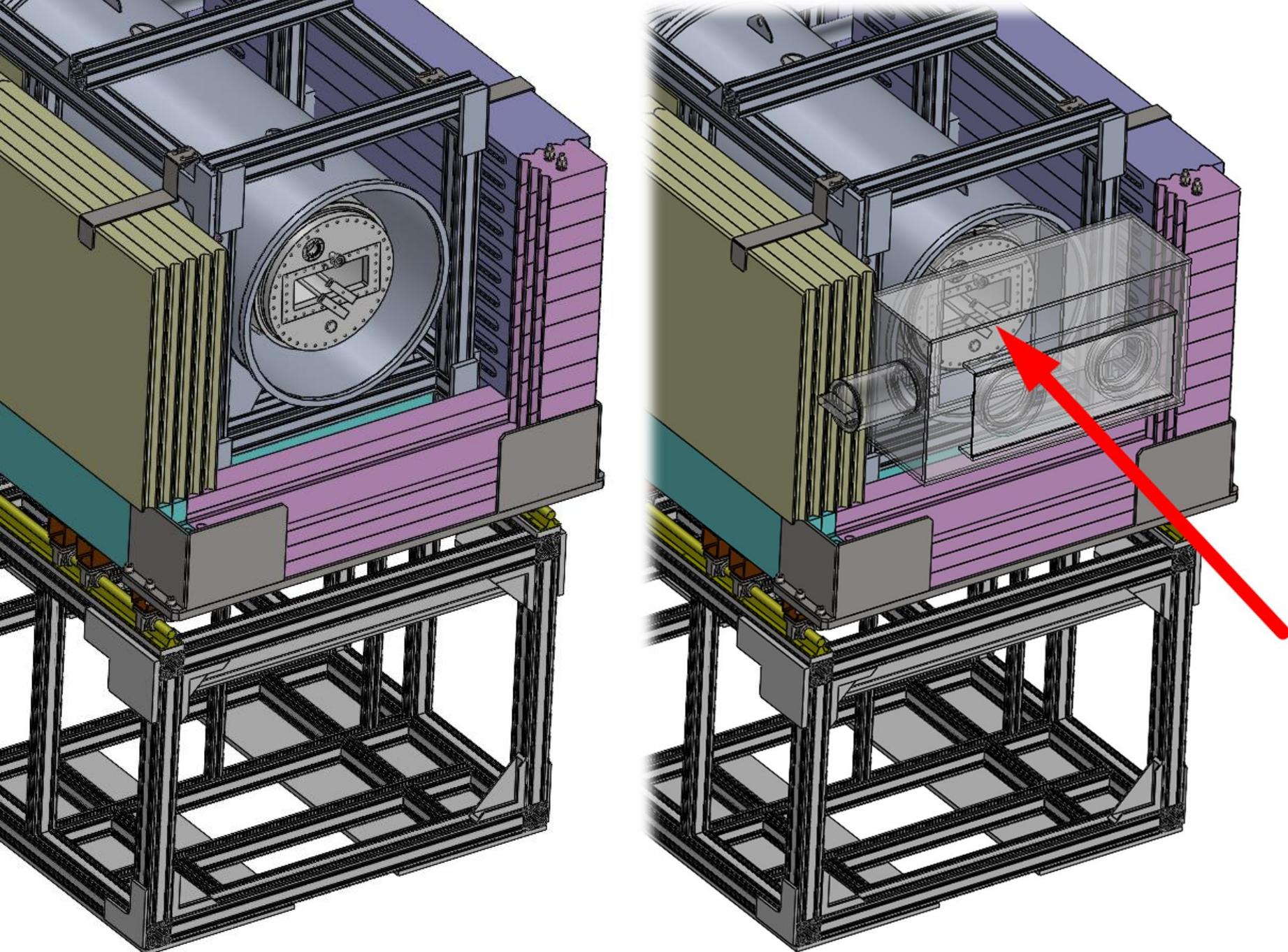


Open the front cover of
the stopping cell

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3. Glovebox installation

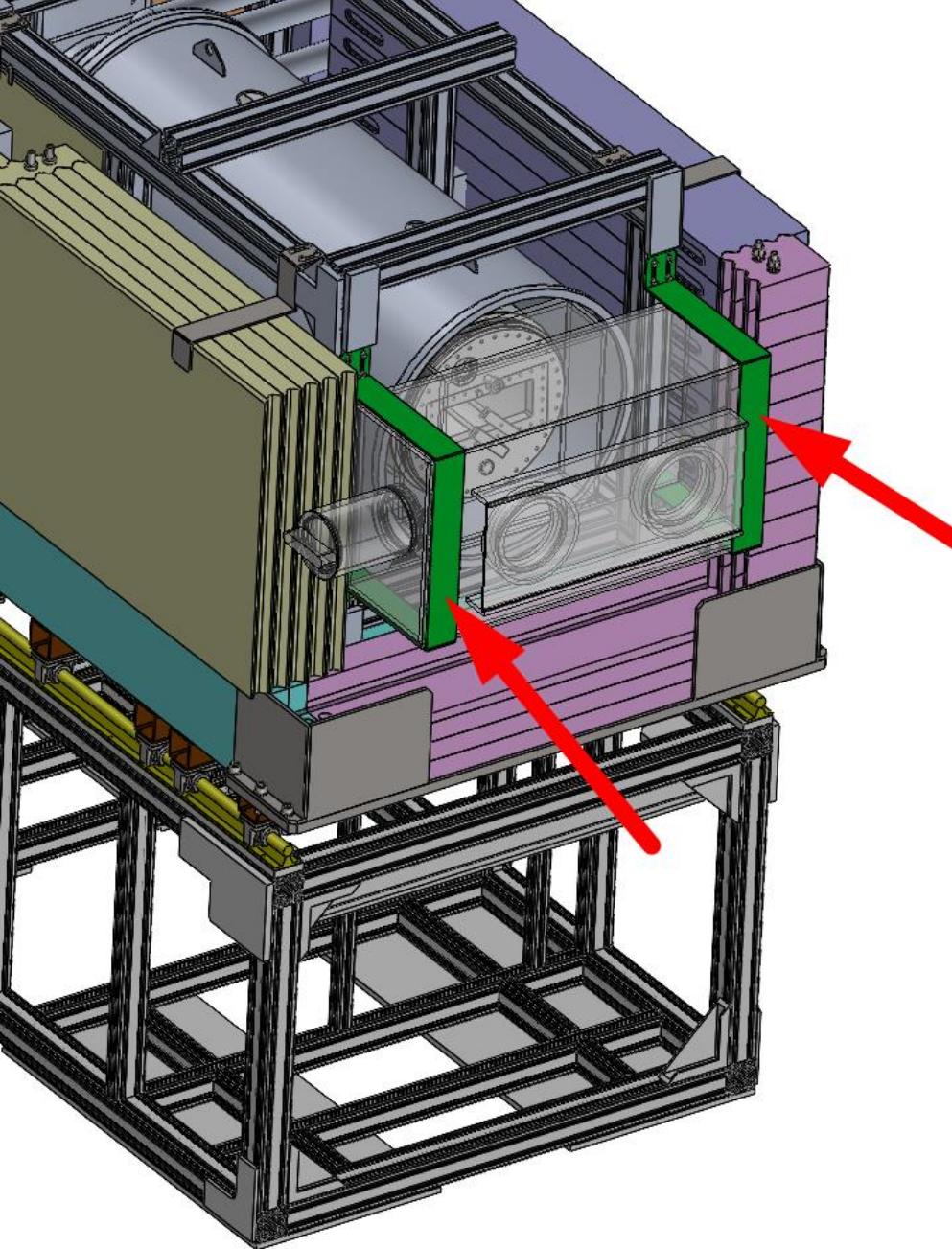


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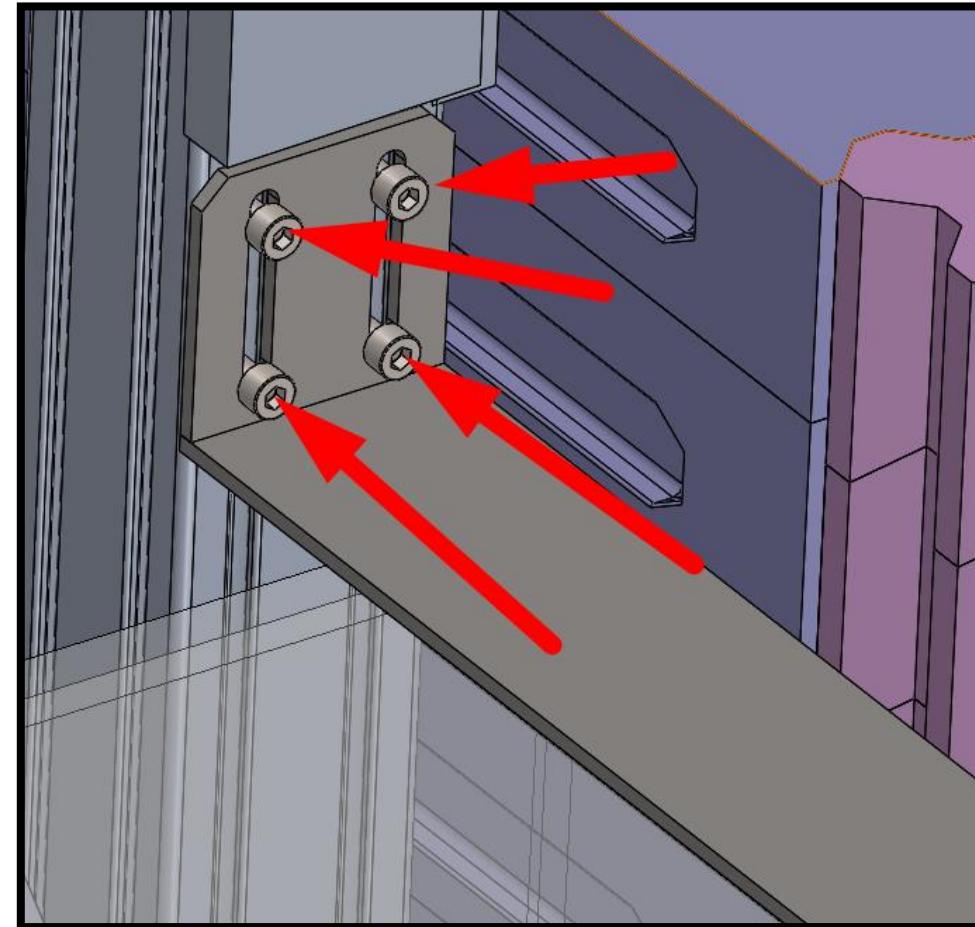
1. Introduction

2. Assembly

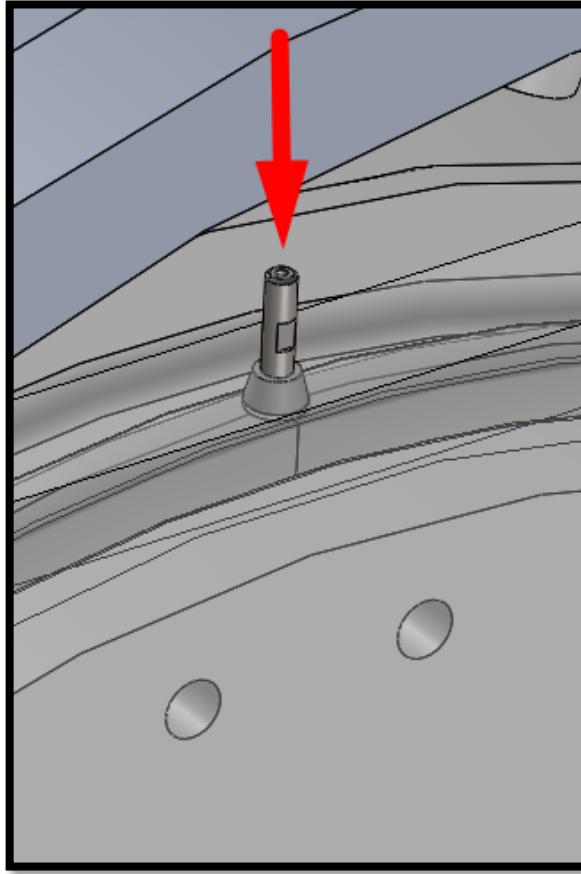
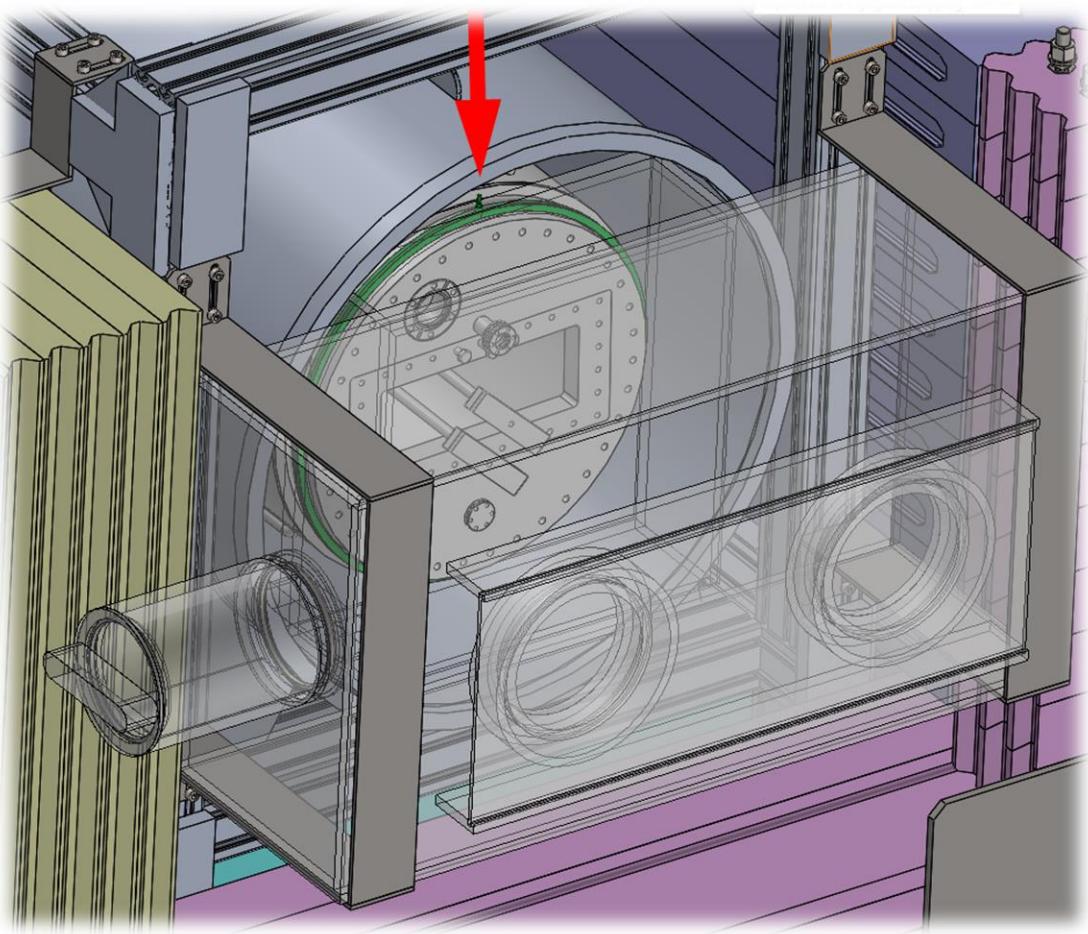
3. Glovebox installation



Fix the glovebox using
holsters, screws and T-nuts

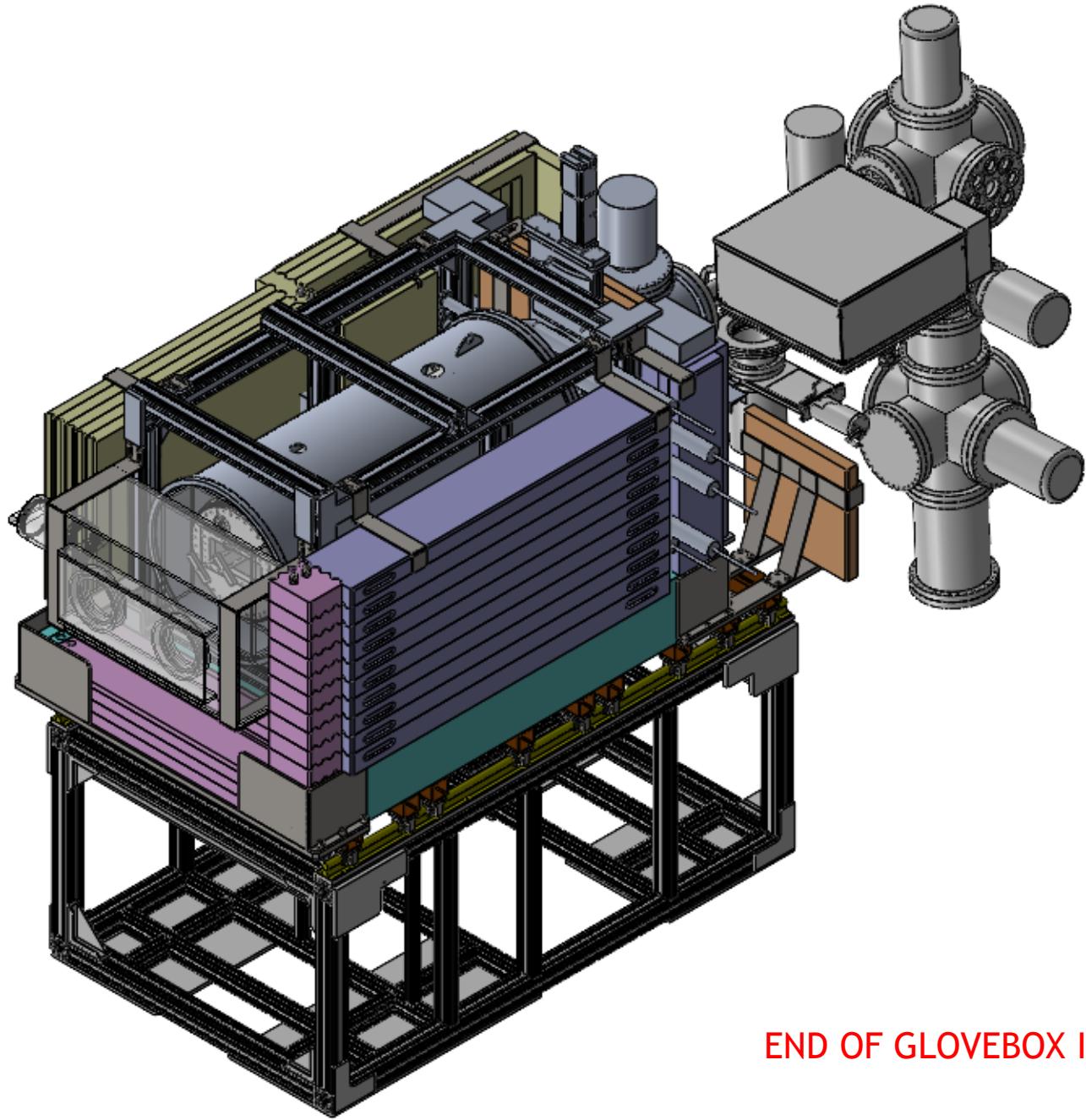


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Inflate the seal between
the Glovebox and the
stopping cell

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END OF GLOVEBOX INSTALLATION