

## INSTALLATION INSTRUCTIONS

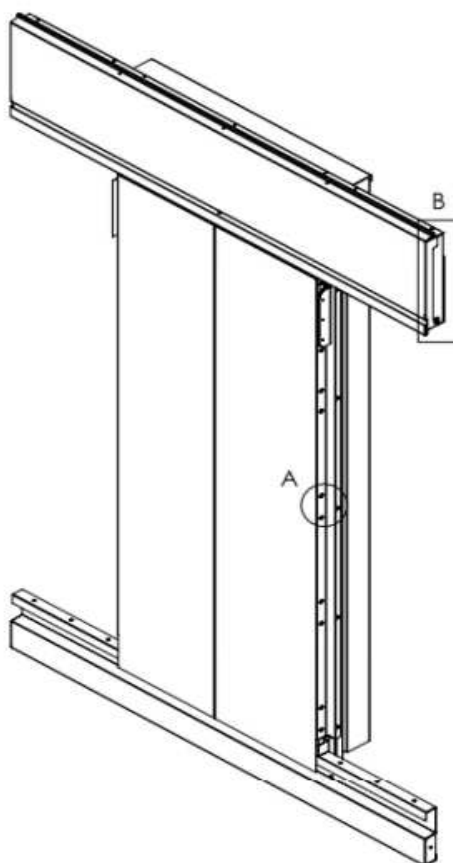
# LLOYD'S BUILDING LONDON TOWER T1-T3-T5

14-218216-LANDING  
Code 14-218216-CAR

Version 0

Date 28/06/2017

## LANDING & CAR DOOR



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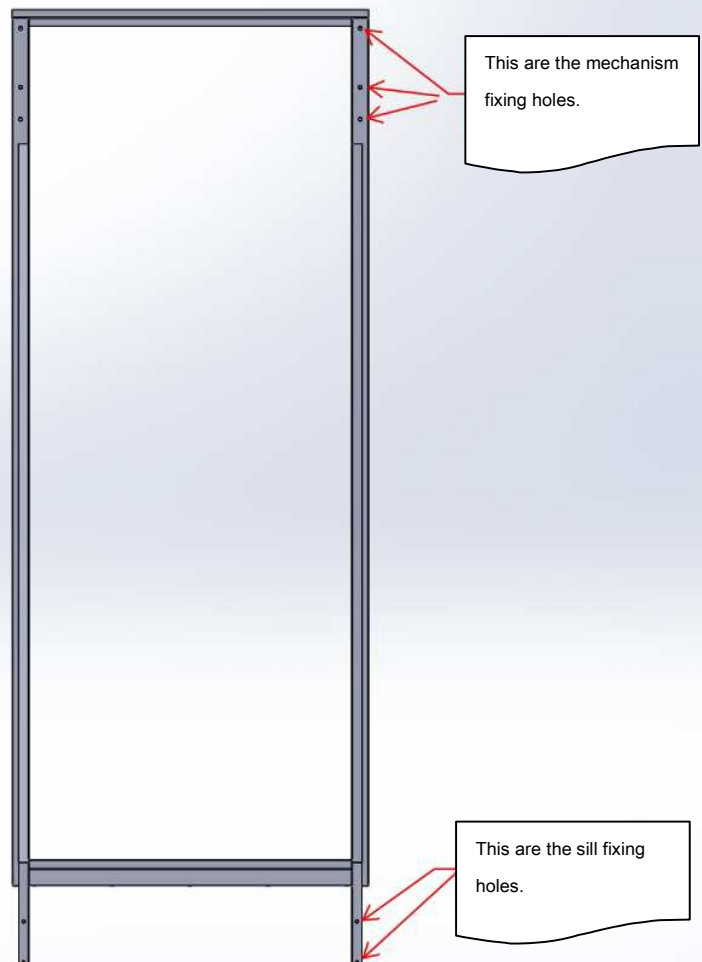


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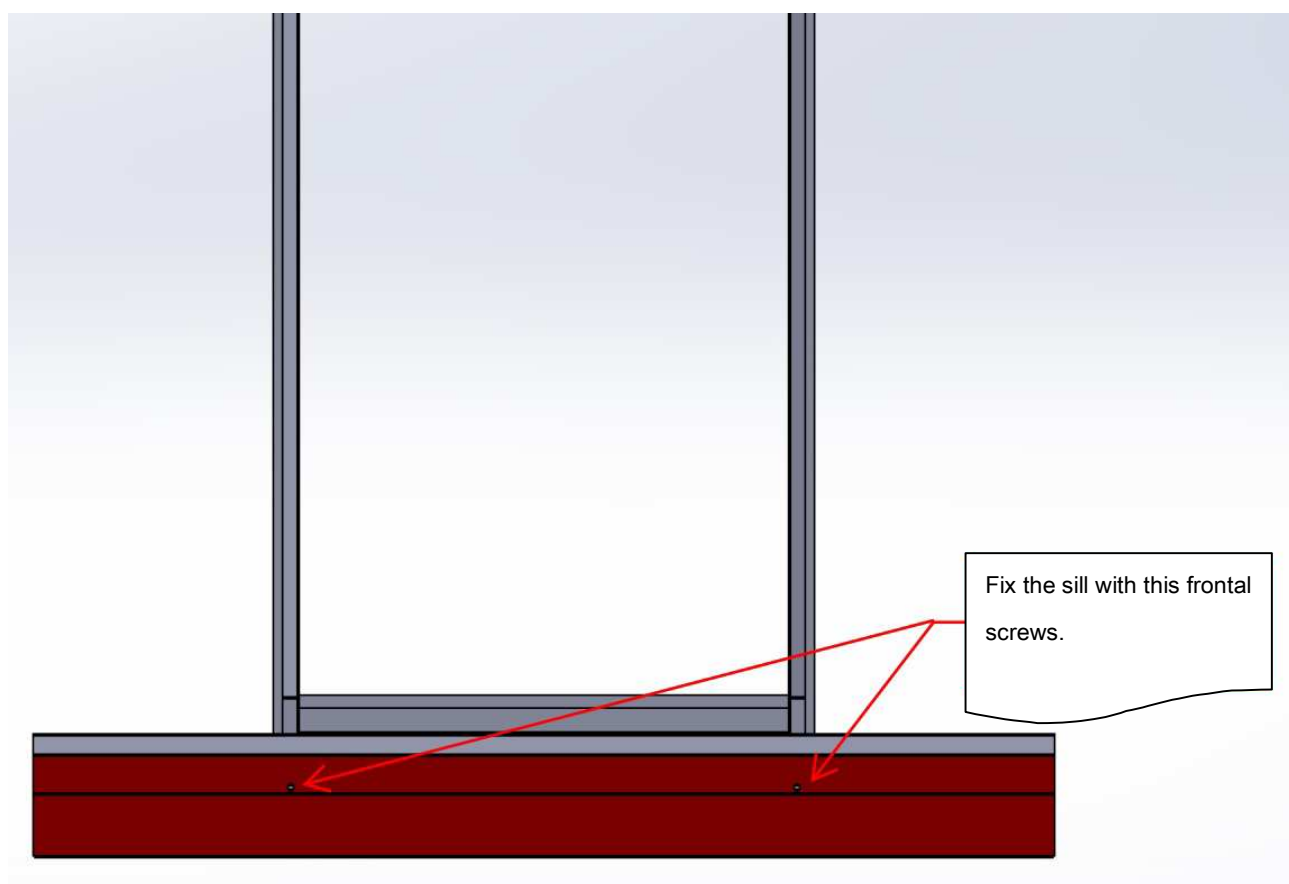
# T1 – T3 – T5

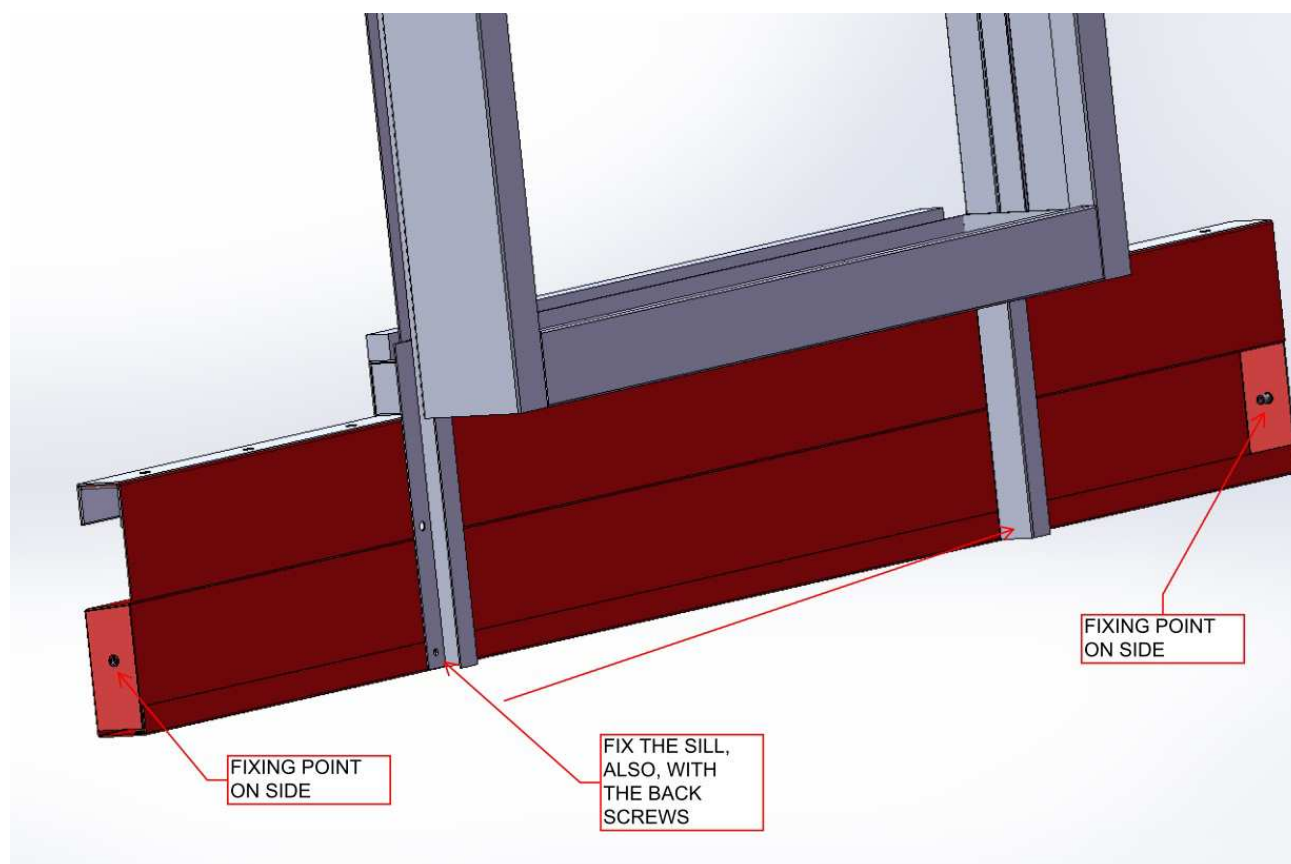
## LANDING DOOR INSTALLATION AND ADJUSTMENT INSTRUCTION

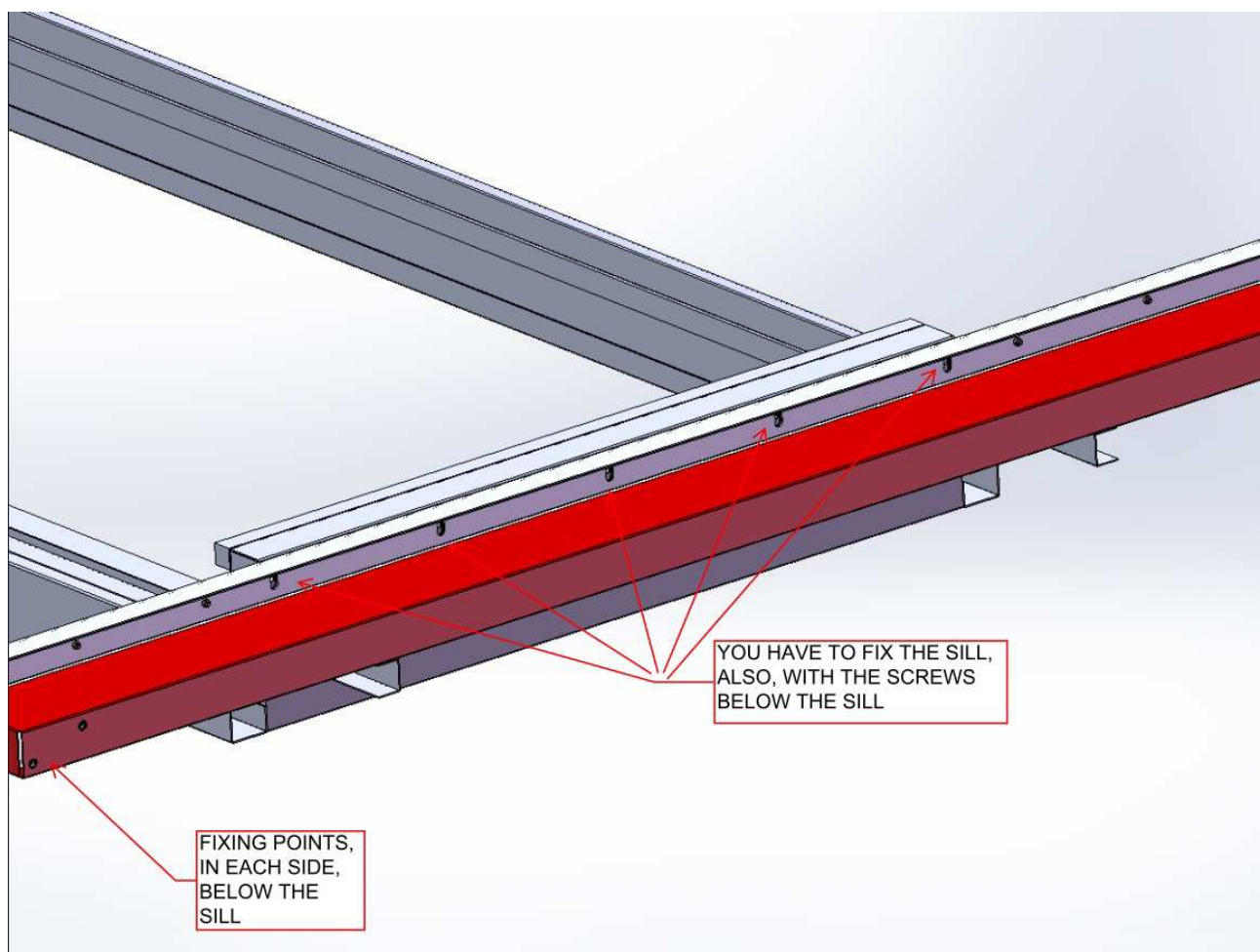
### EXISTING FRAME



# 1. SILL INSTALLATION

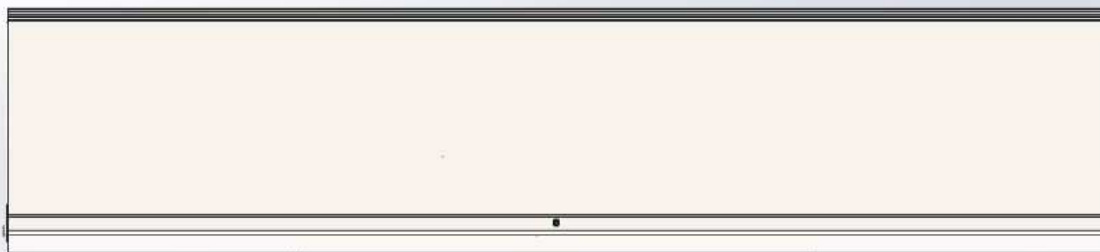




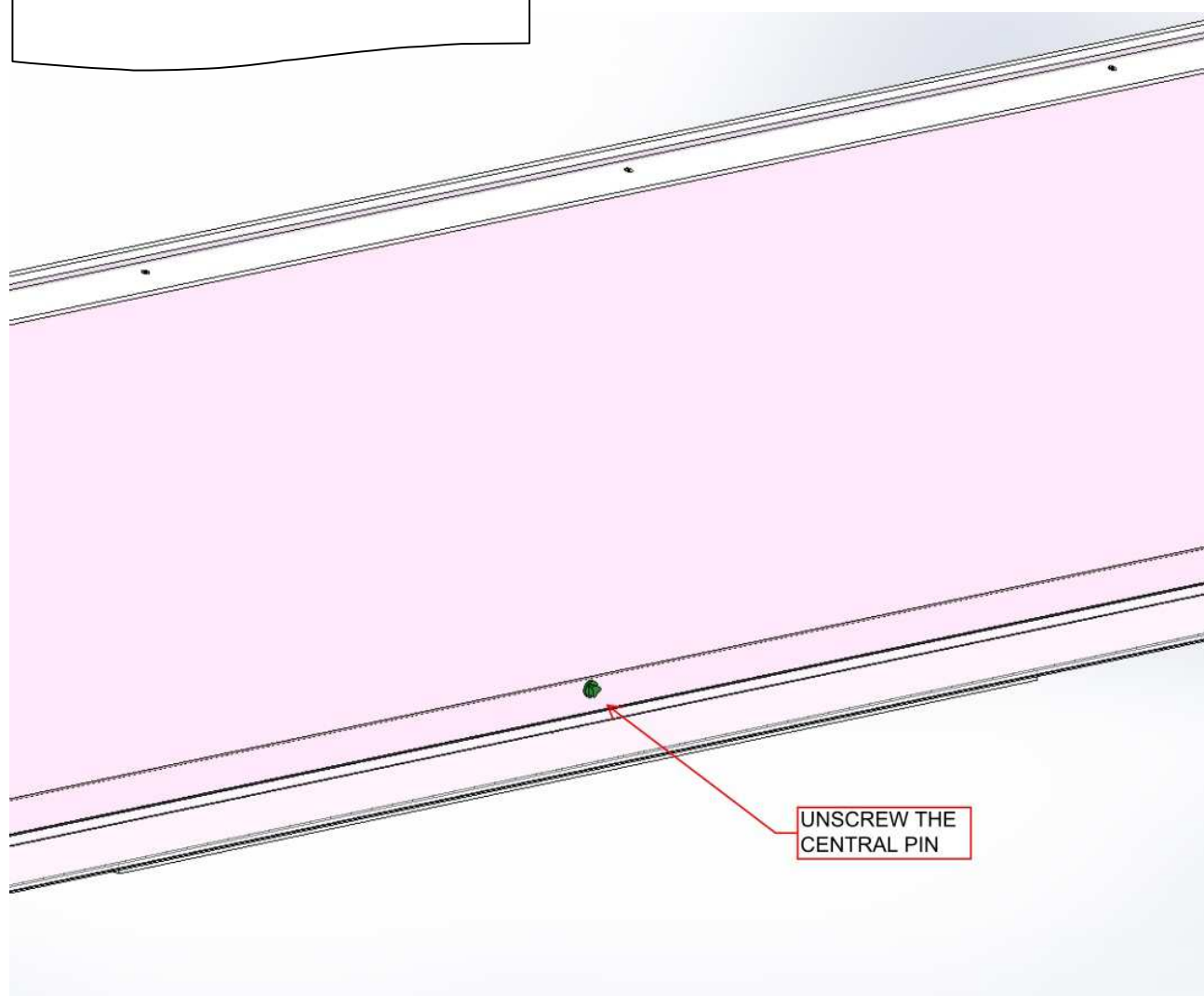


## 2. MECHANISM INSTALLATION

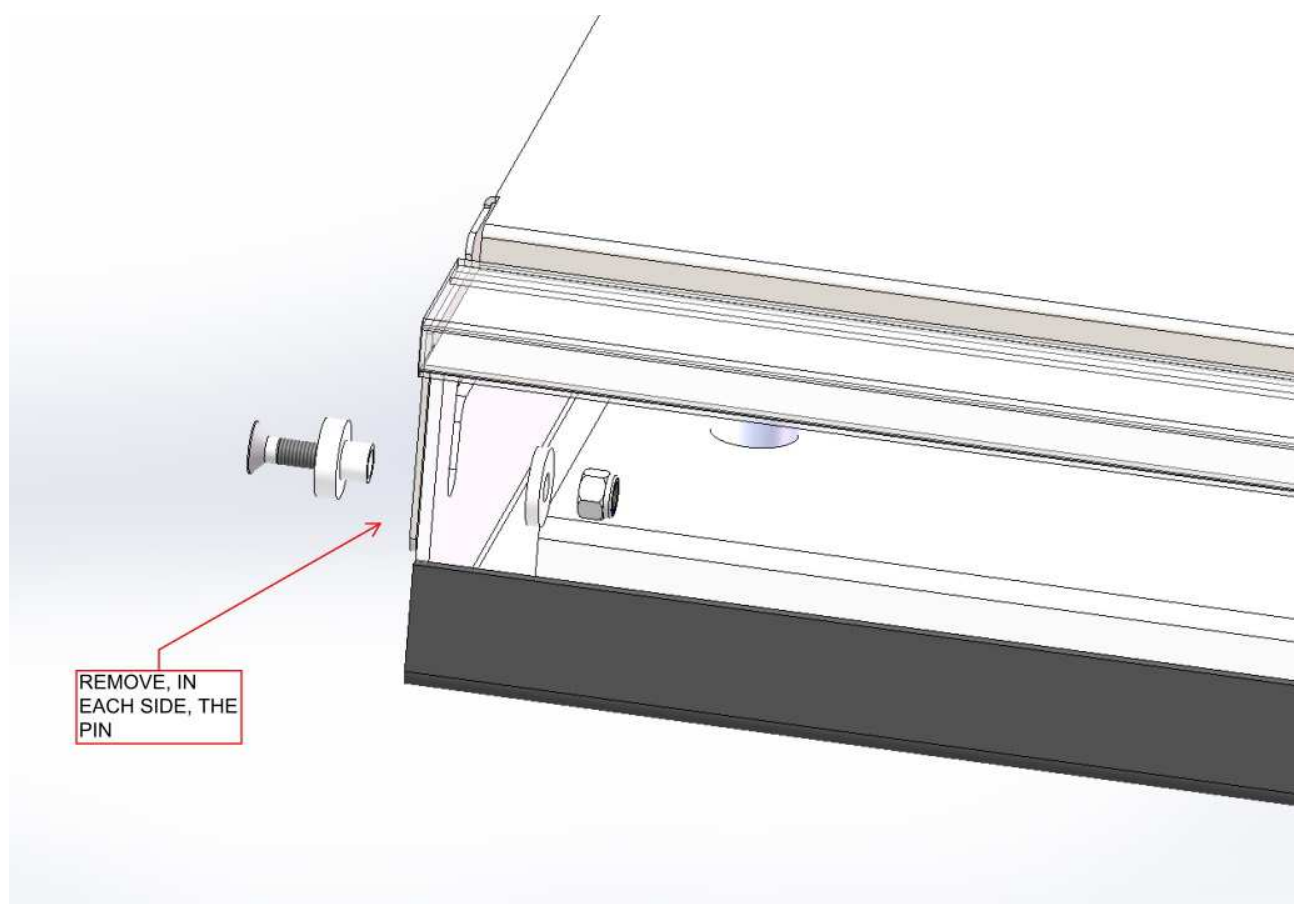
Below the complete mechanism with cover sent from Wittur. The cover need to be removed before installation.



Step1 to uninstall the mechanism cover.

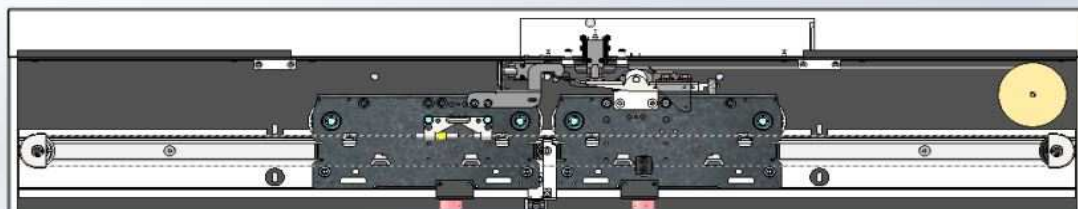


Step2 to uninstall the mechanism cover.

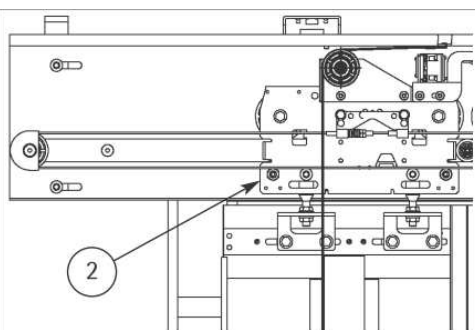




Now you can uninstall the frontal cover.

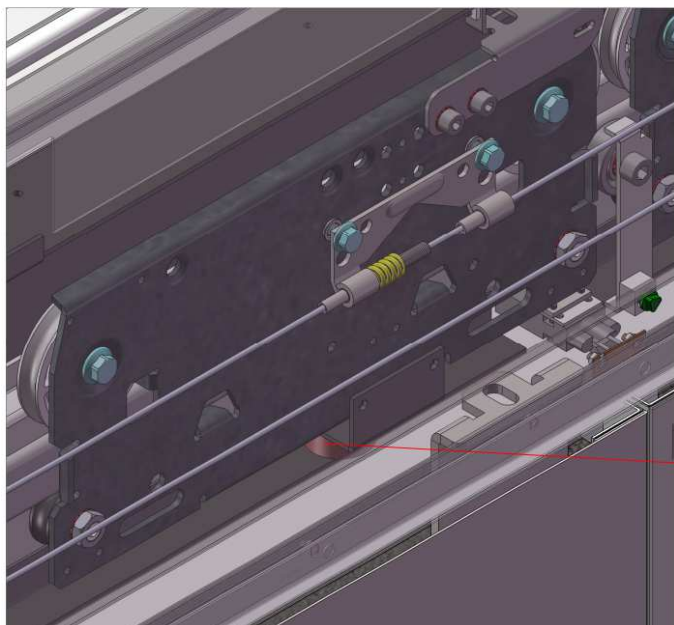


Check that the anti-tip rollers (2) are slightly pressed (finger-tight) against the rail profile.  
If needed, loosen the nut and adjust the eccentric roller using a hexagon key.



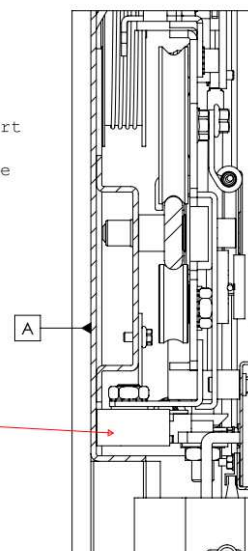
Finger-tight: the roller can just be turned by one finger.





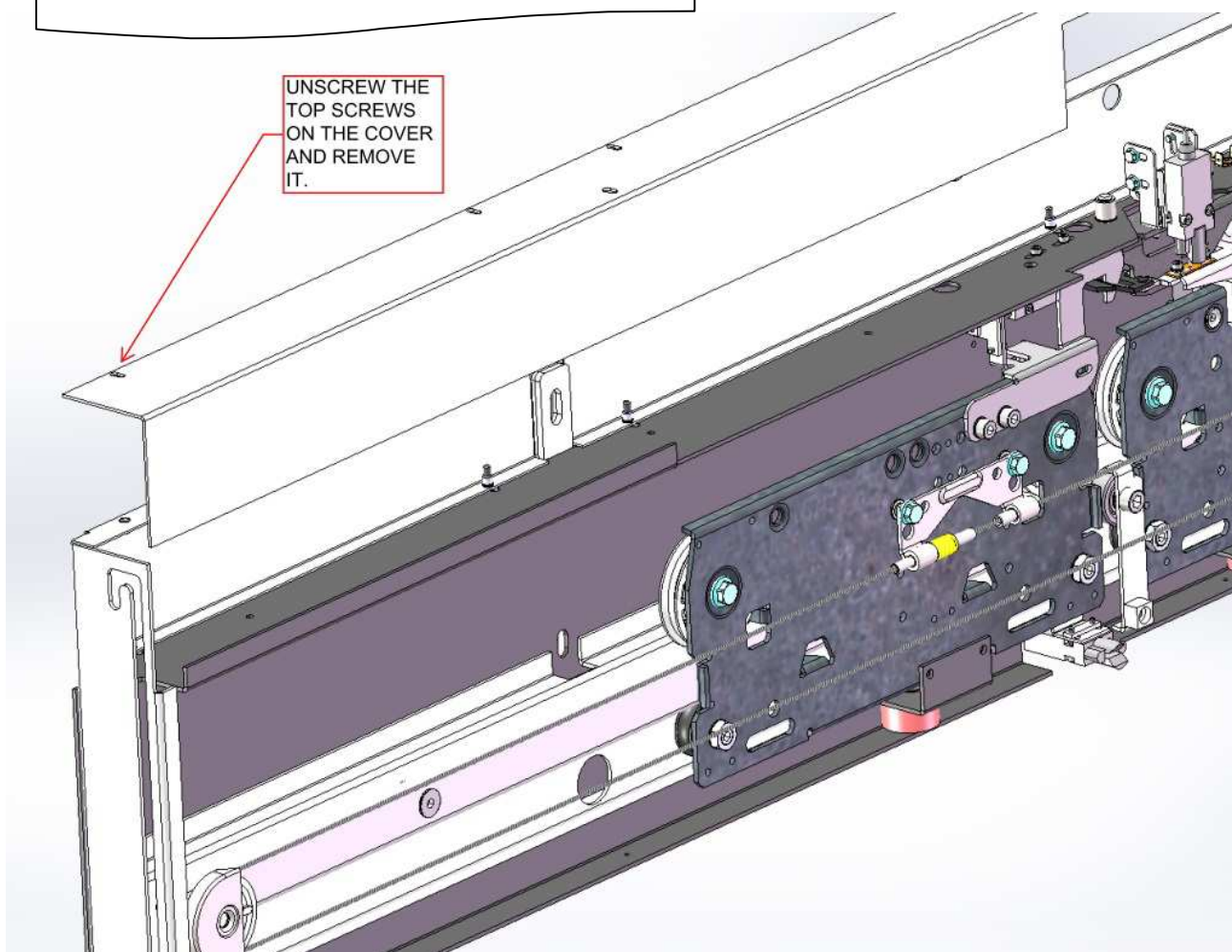
The roller Touch the support plate surface "A".  
The adjustment must be done with the panels assembled because the truck need to be parallel toward the support plate surface "A"

DETAIL B  
SCALE 1 : 2

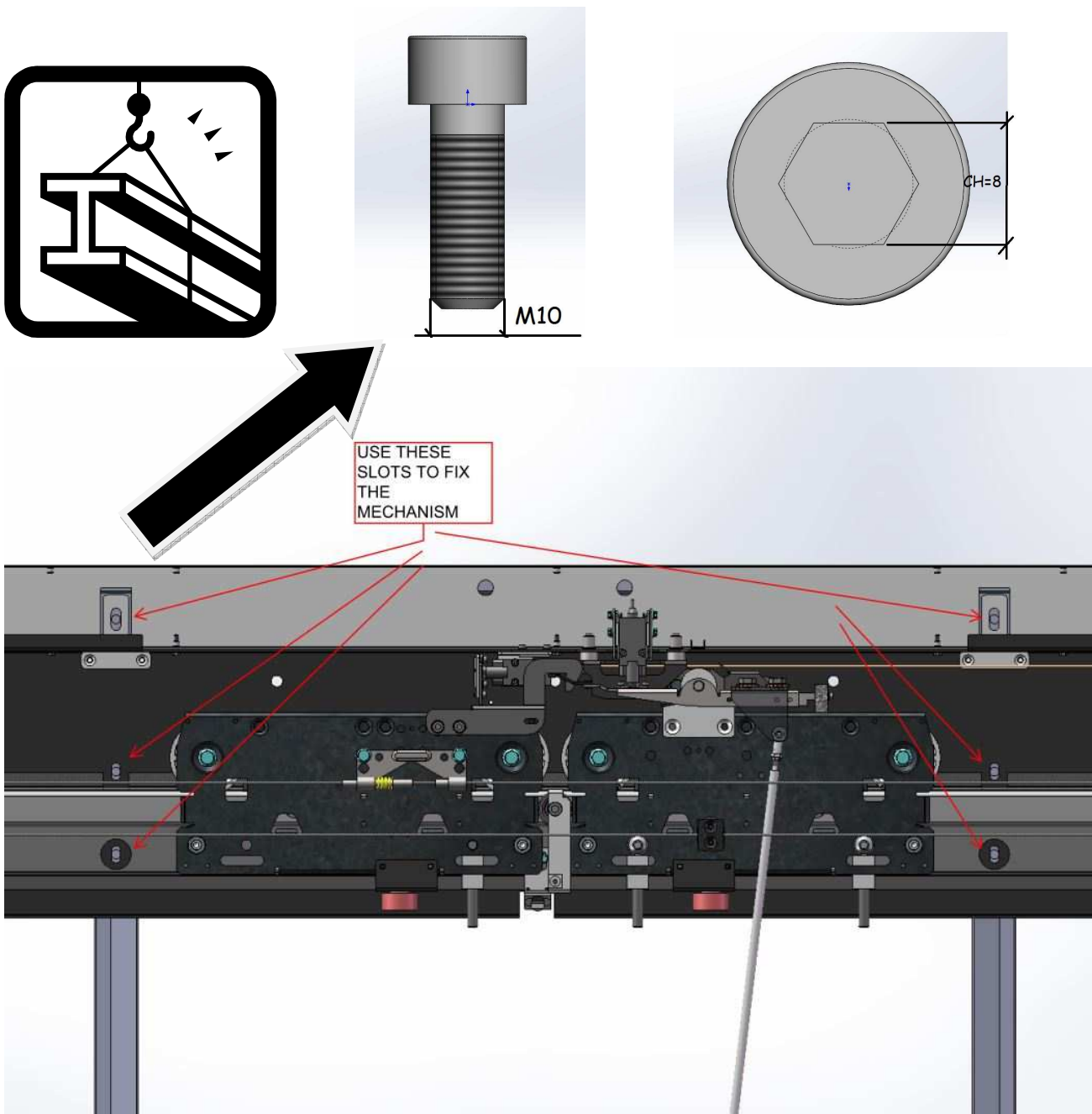


Now you can uninstall the mechanism top cover.

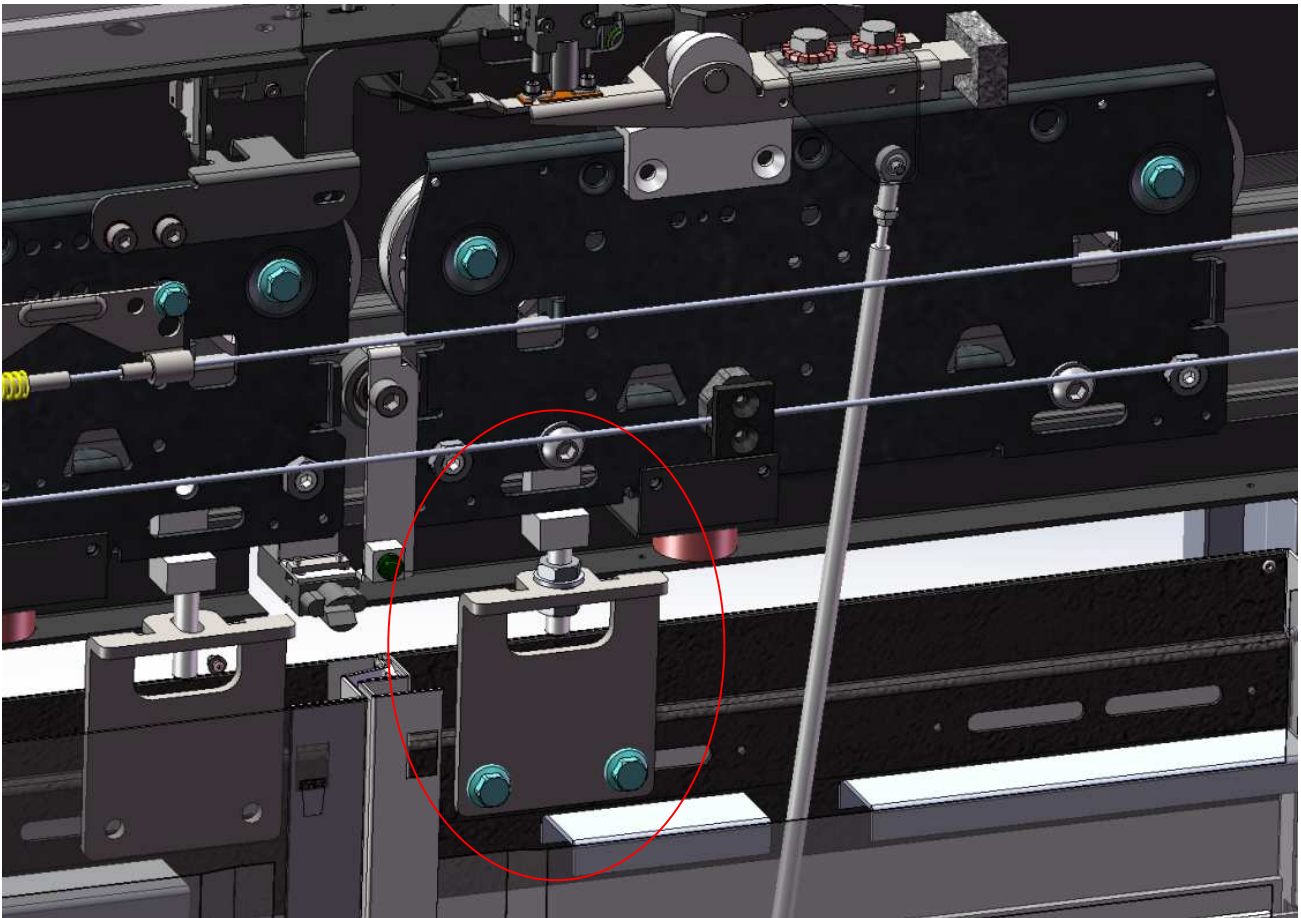
UNSCREW THE  
TOP SCREWS  
ON THE COVER  
AND REMOVE  
IT.



## MECHANISM INSTALLATION ON THE EXISTING FRAME.

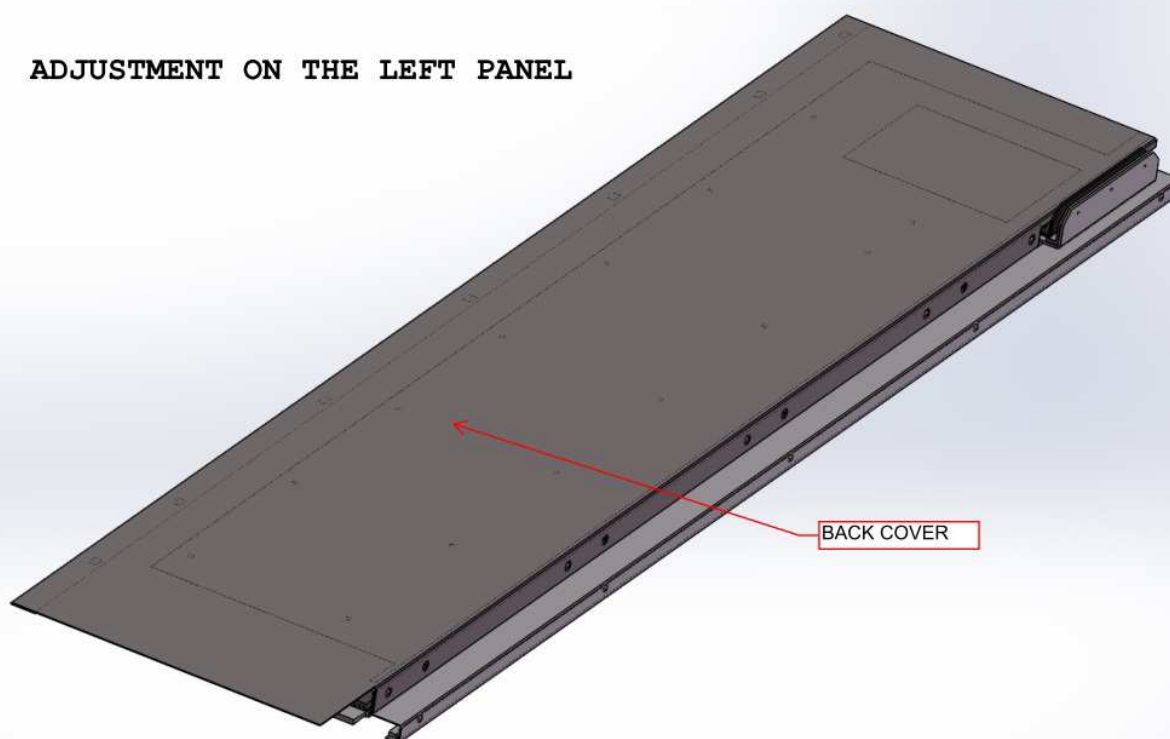


## MECHANISM EXAMPLE OF PANELS HANGING BOLT AND BRACKETS INSTALLATION.

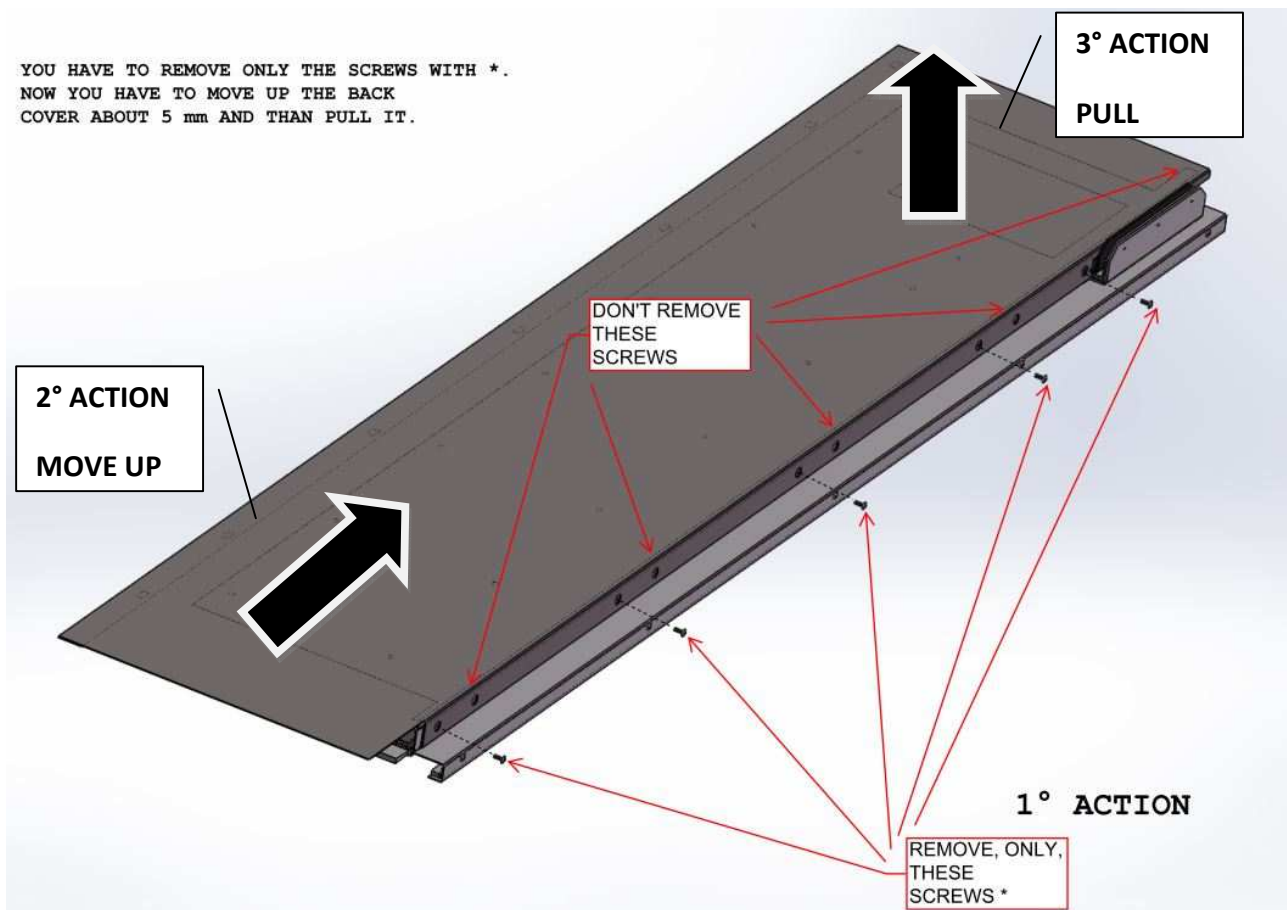


### 3. PANELS PREPARATION

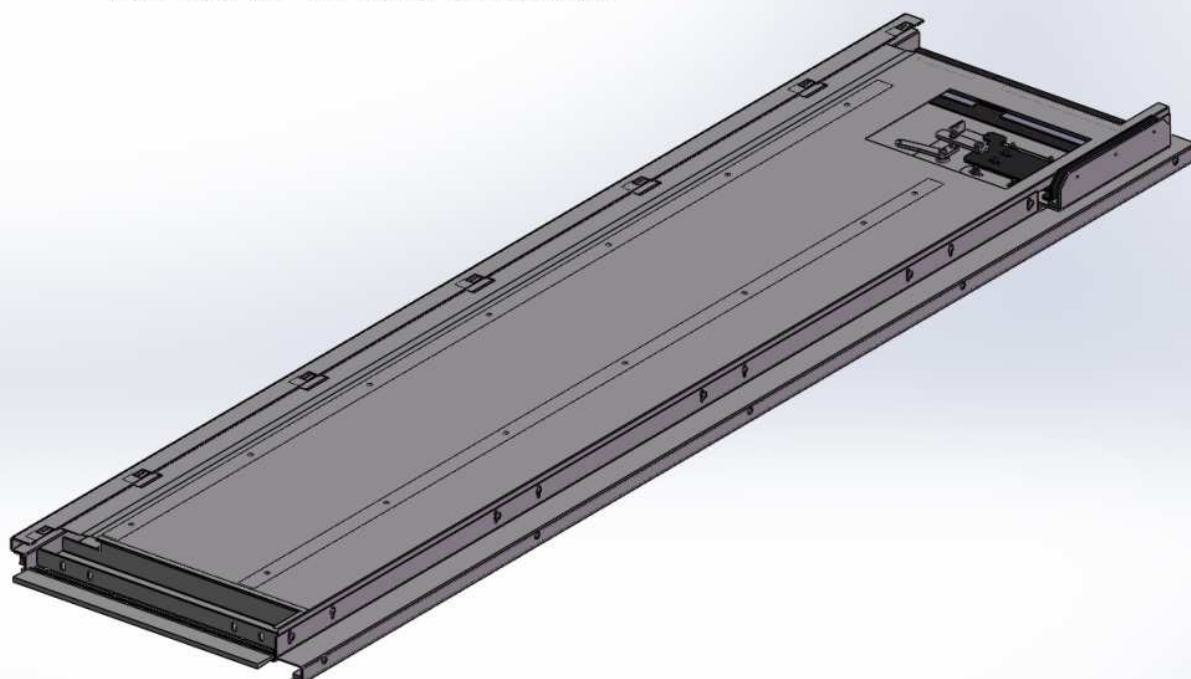
ADJUSTMENT ON THE LEFT PANEL





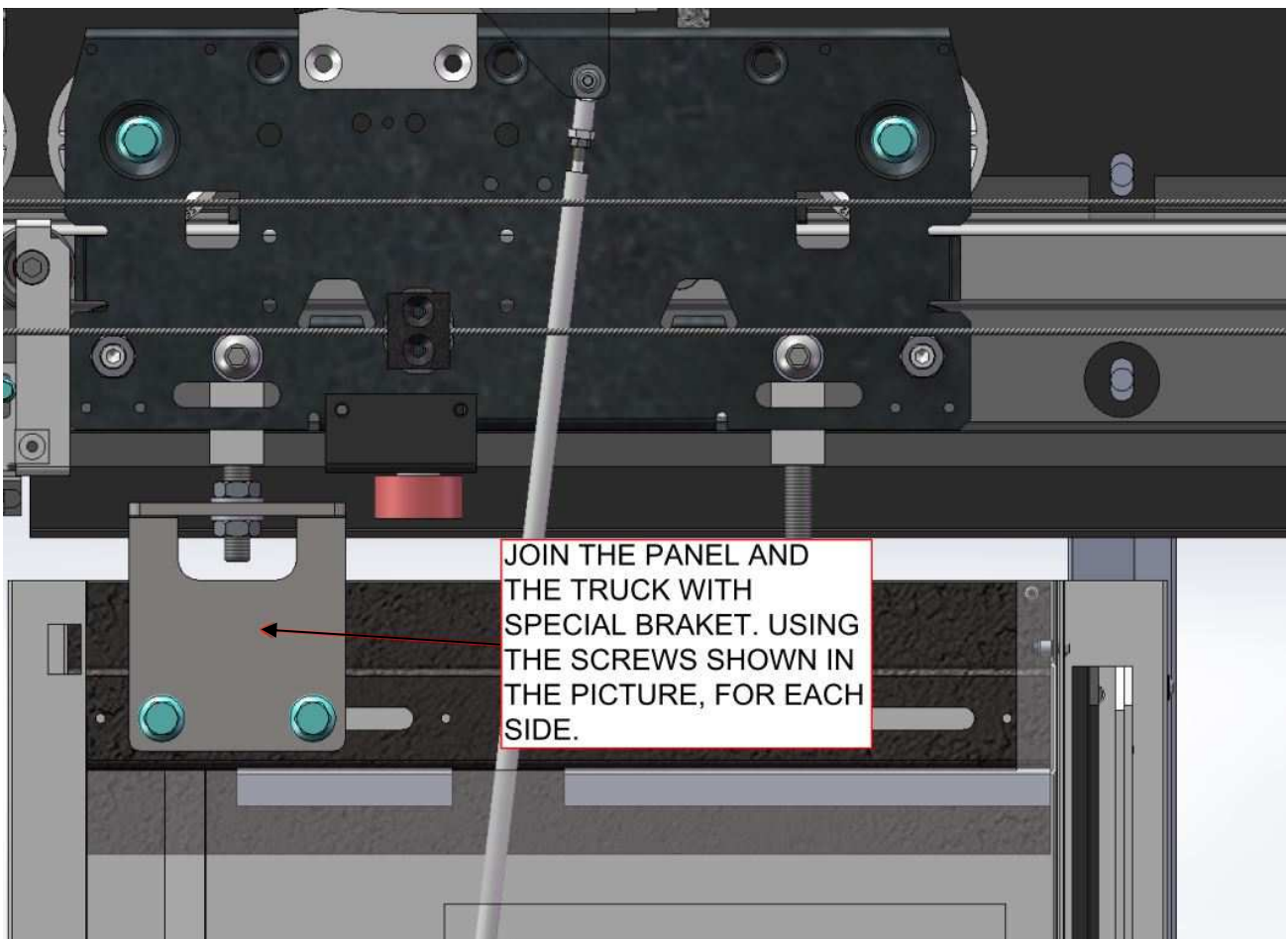


NOW YOU'RE IN THIS SITUATION



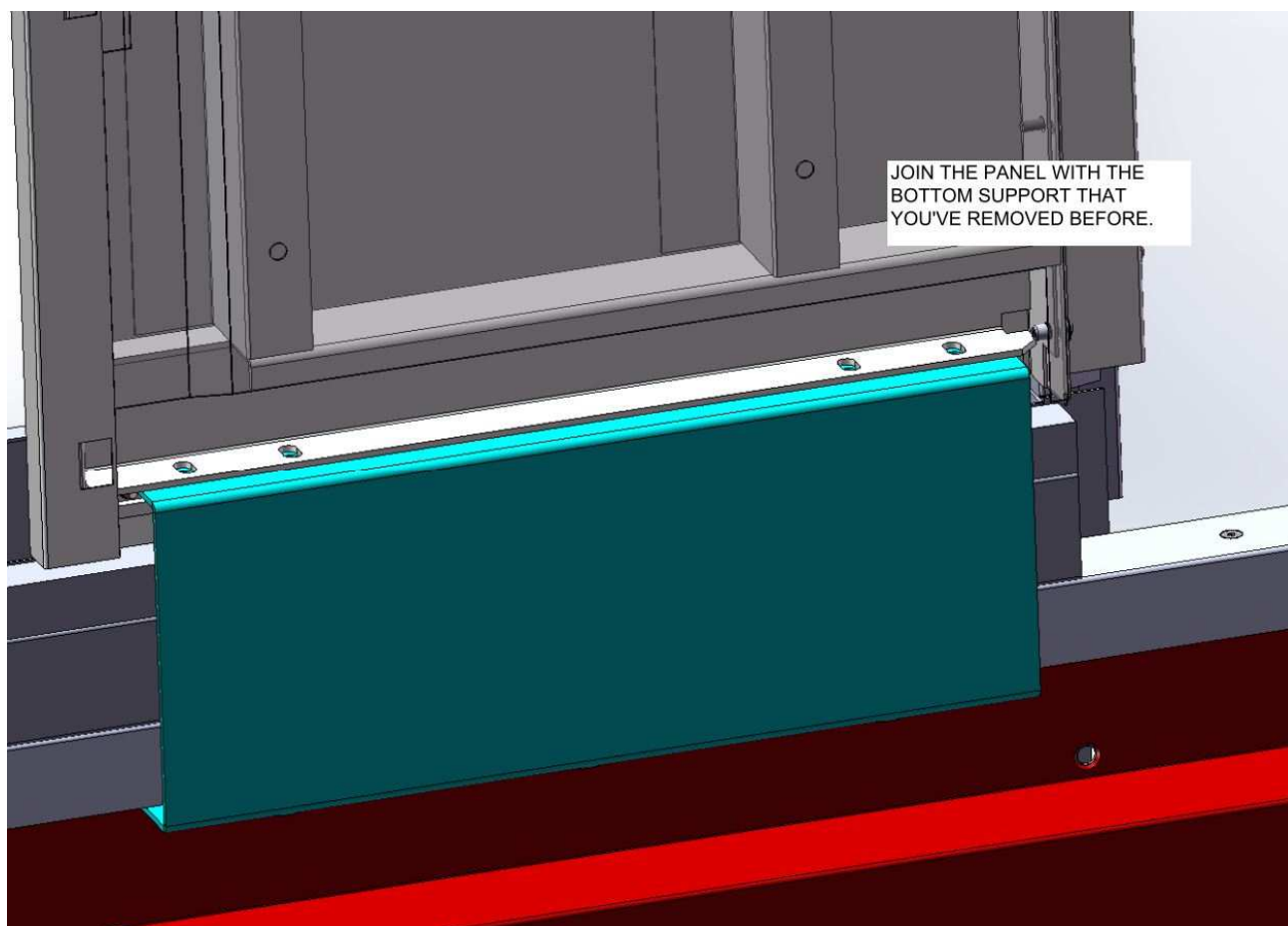


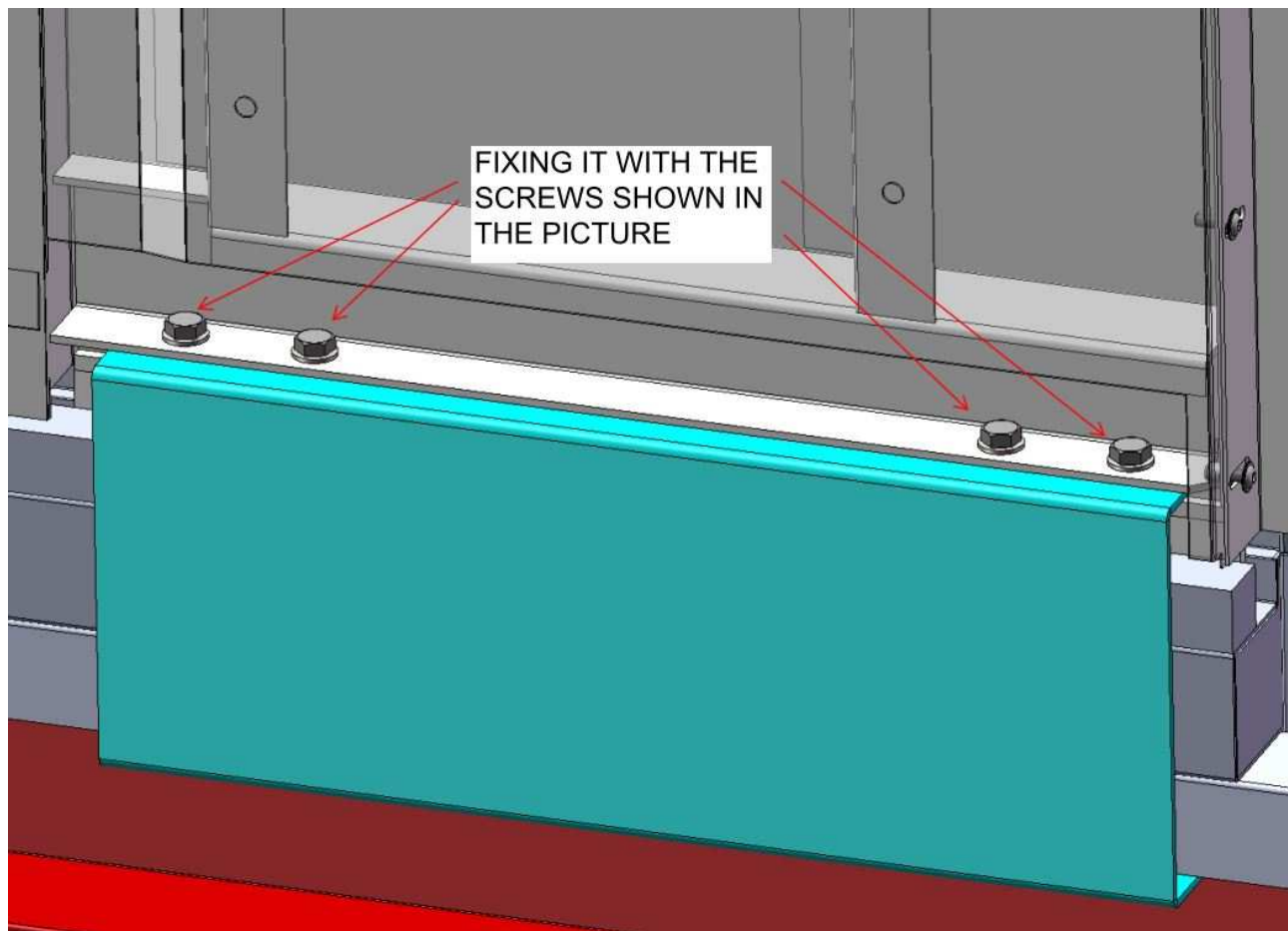
## 4. PANELS ASSEMBLY

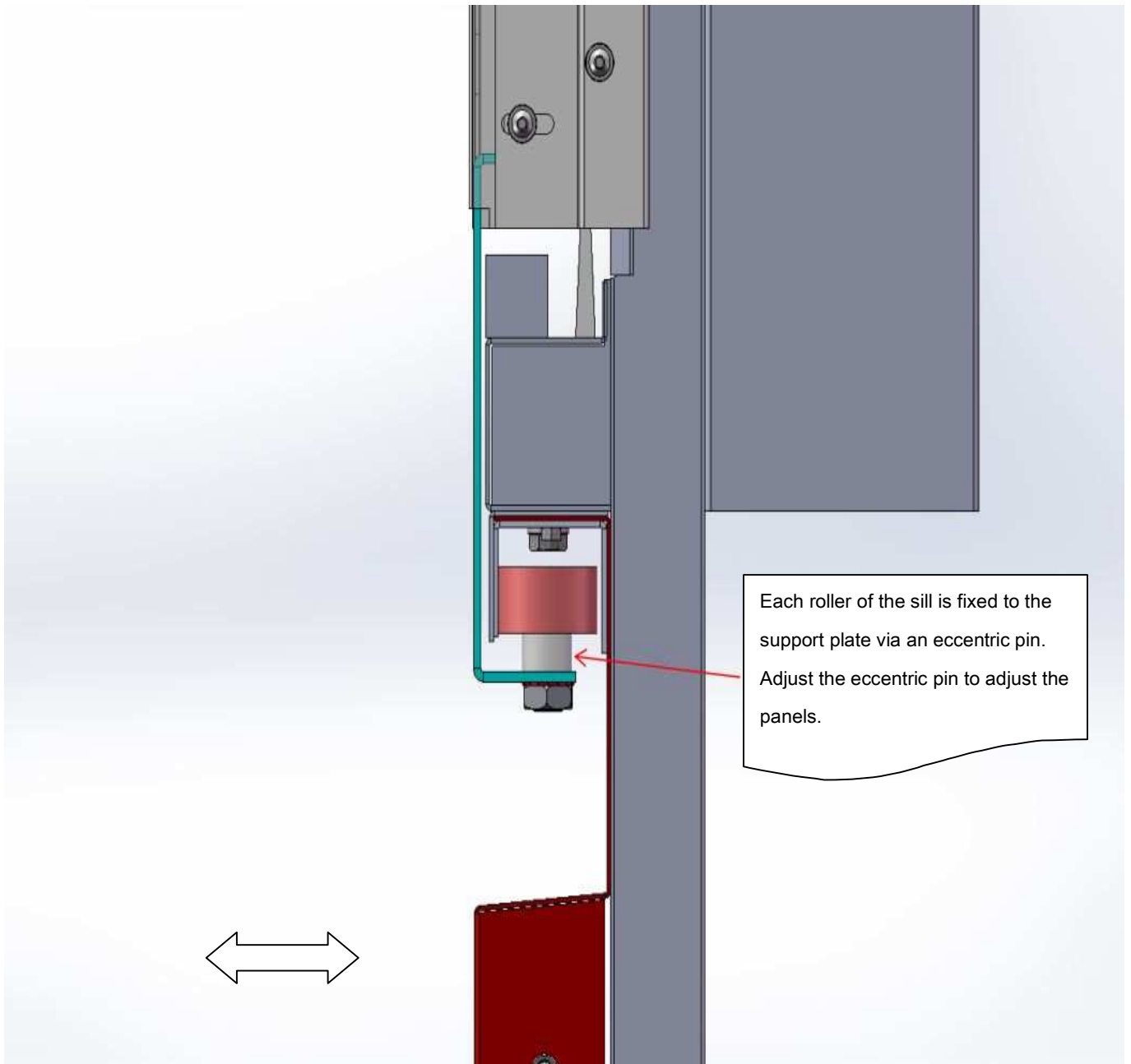


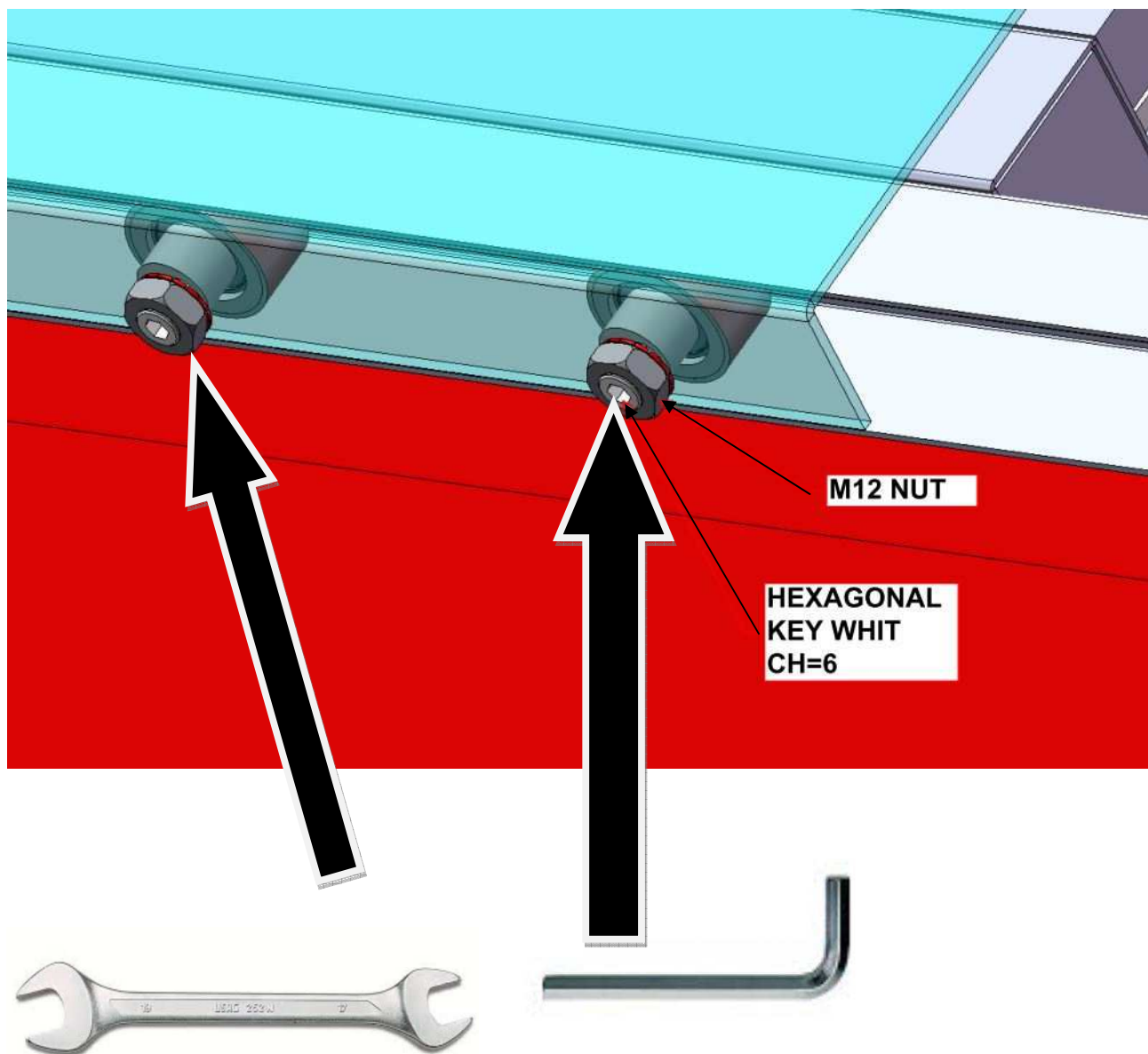


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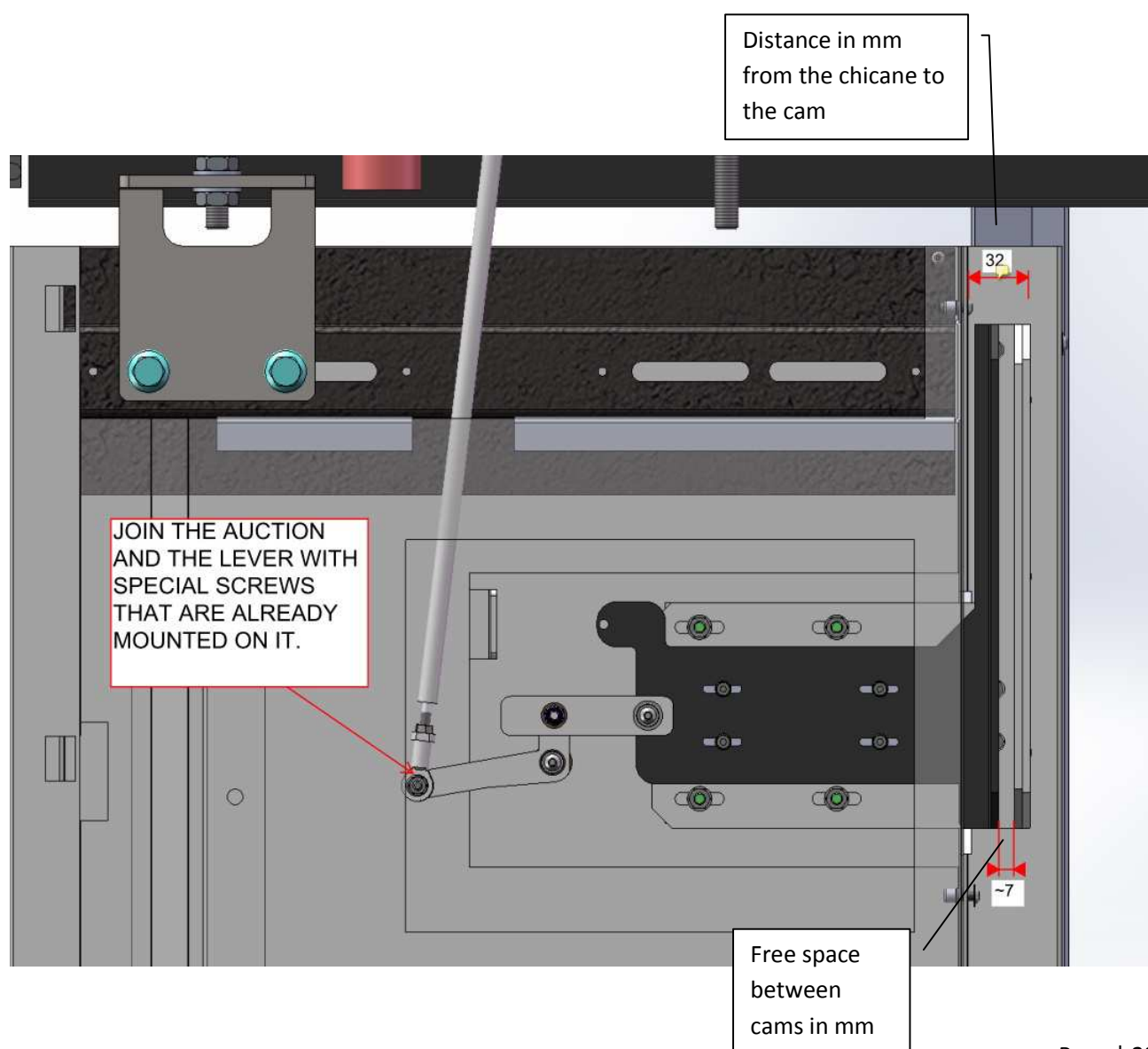




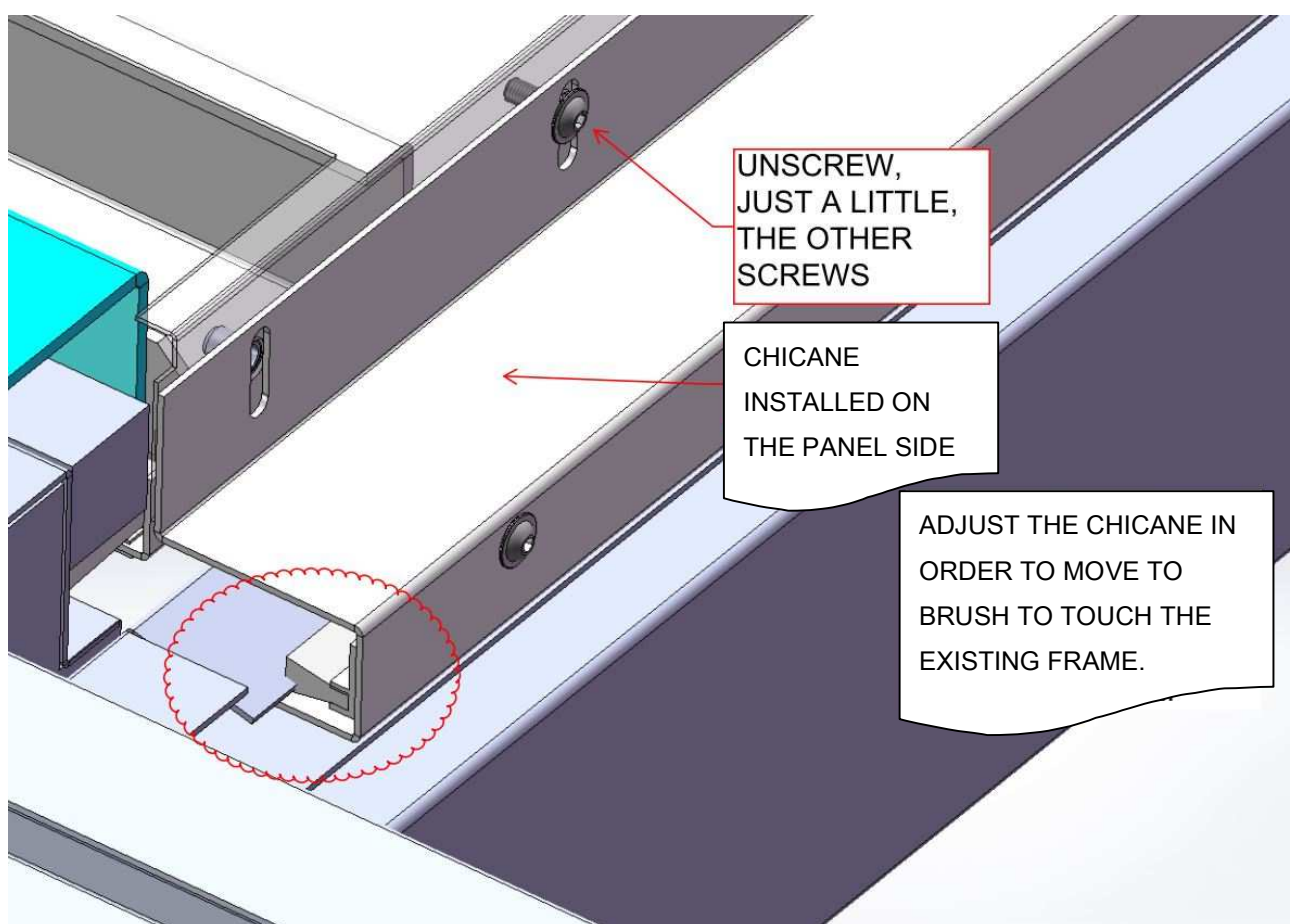




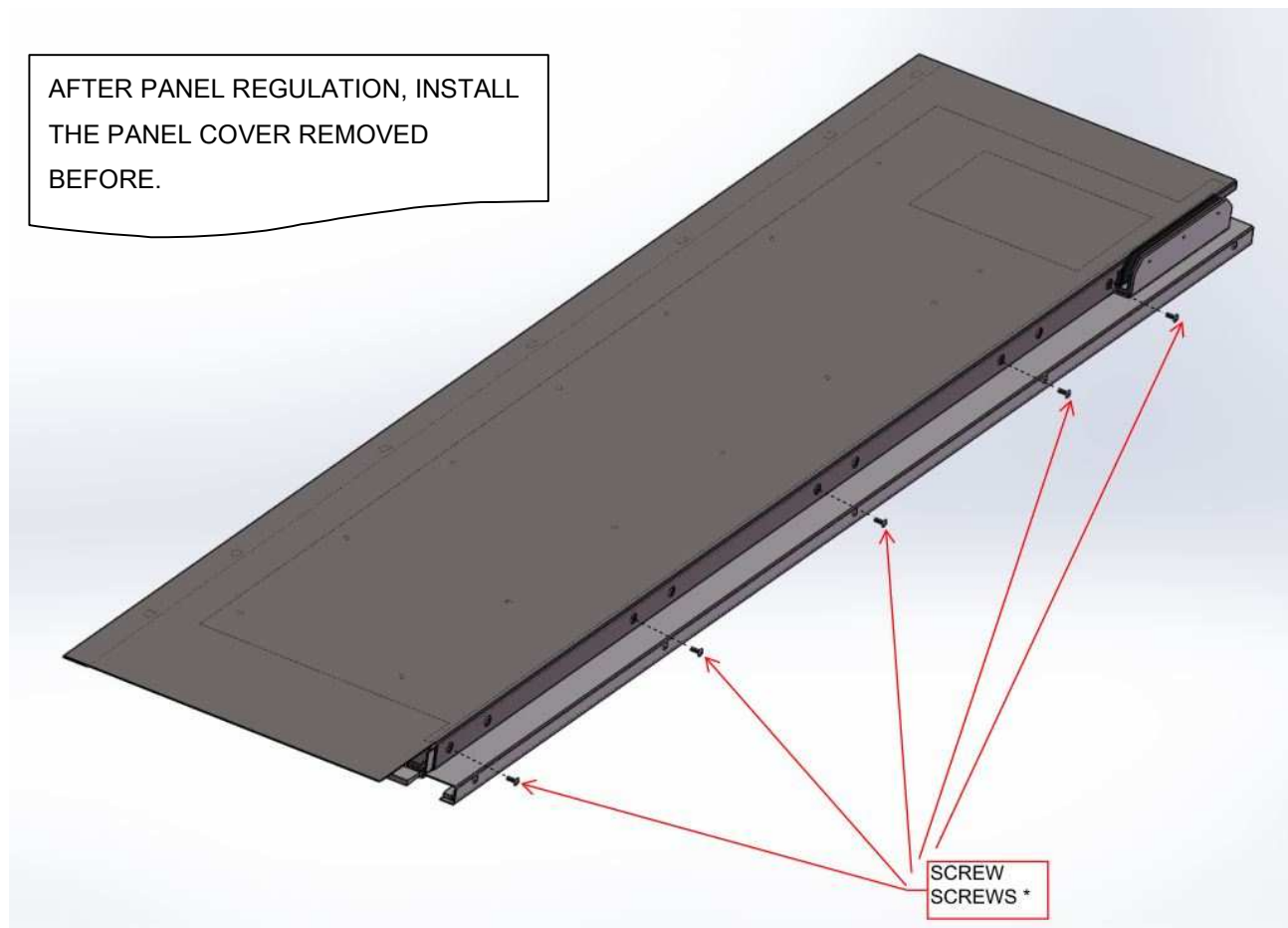
## • ACTIVITY TO DO ON THE LEFT LANDING DOOR PANEL.



## CHICANE ADJUSTMENT



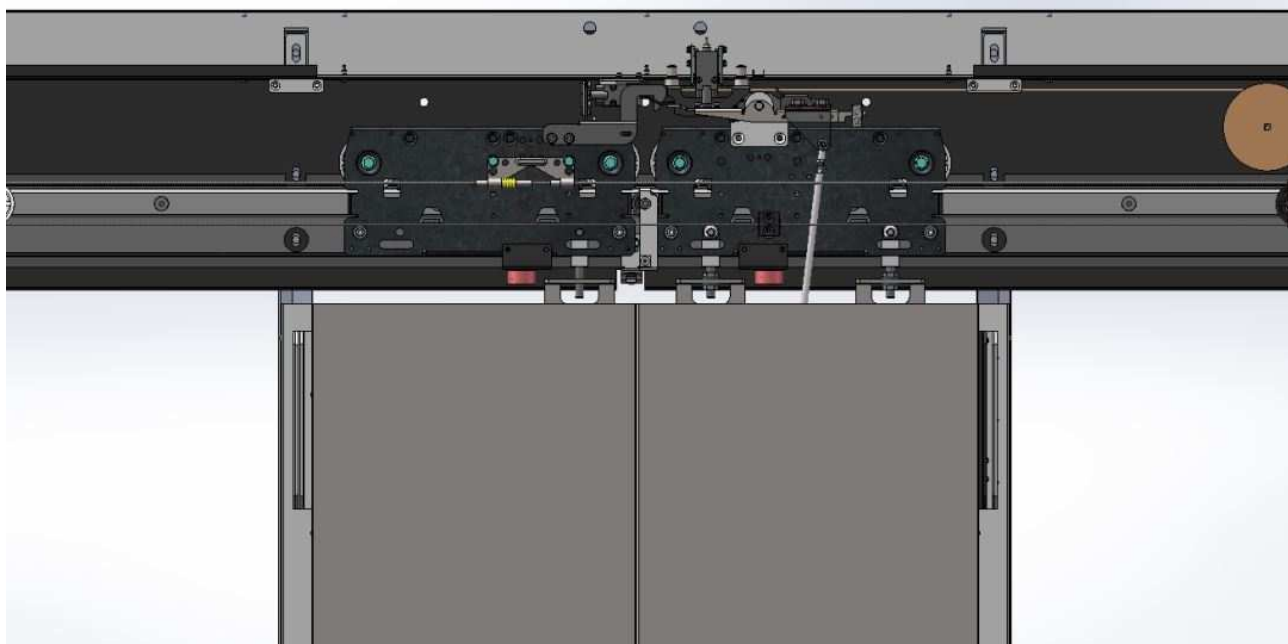
AFTER PANEL REGULATION, INSTALL  
THE PANEL COVER REMOVED  
BEFORE.



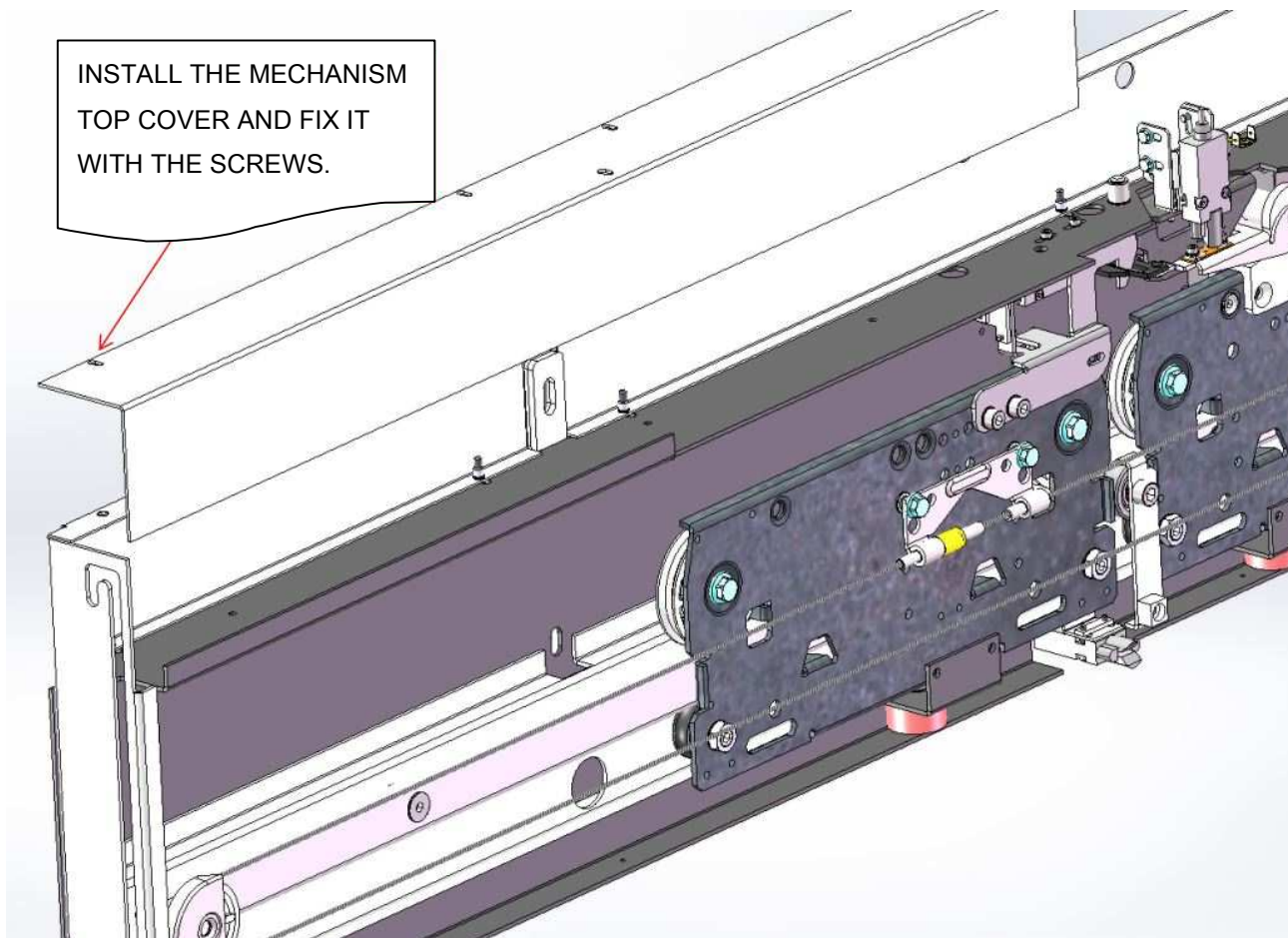


## 5. FINAL ASSEMBLY

FRONT COVER INSTALLATION  
PREVIOUSLY REMOVED.



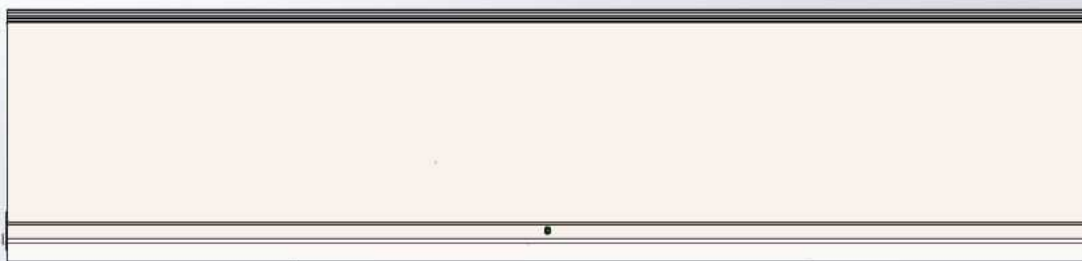
INSTALL THE MECHANISM  
TOP COVER AND FIX IT  
WITH THE SCREWS.

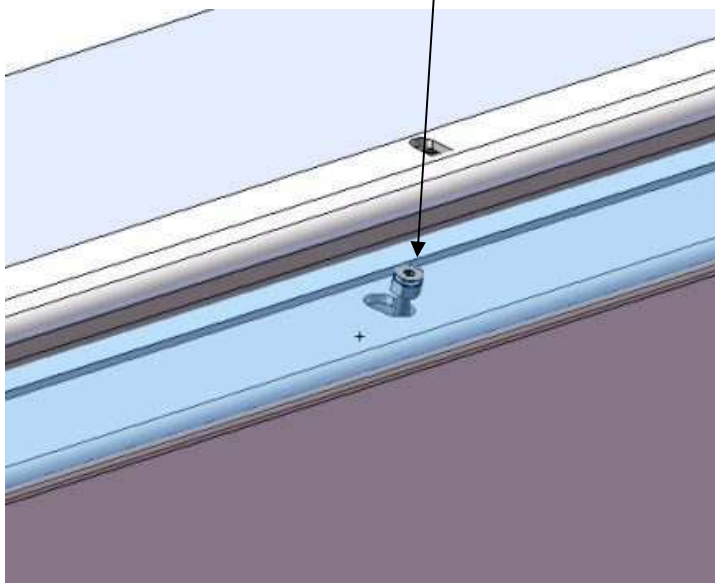
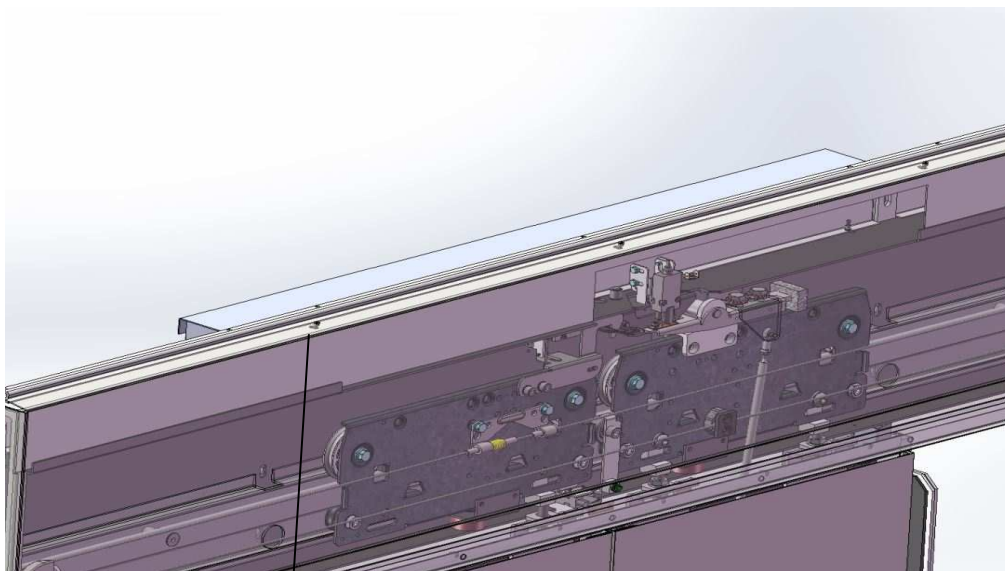




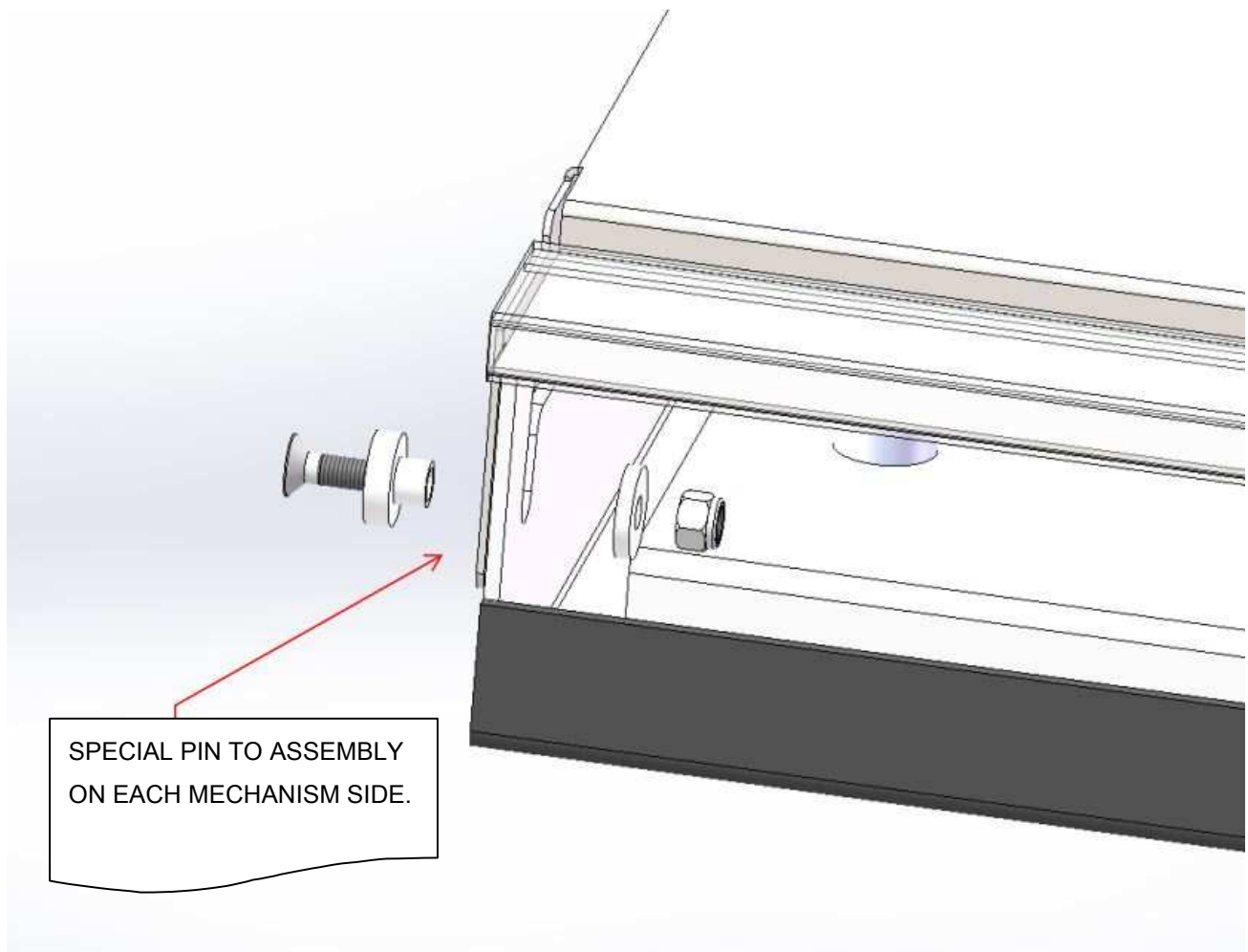
Code: 14-218216-LANDING  
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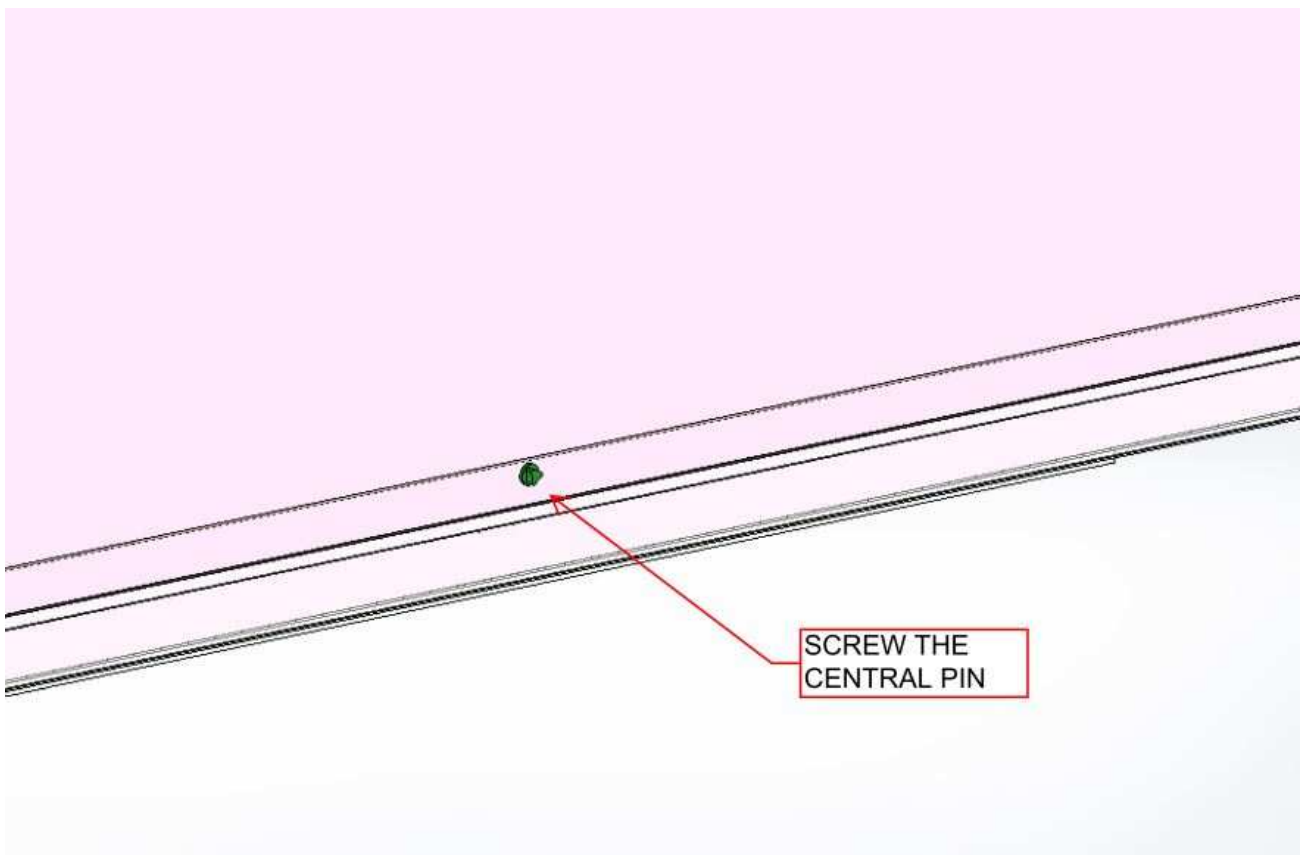
FRONTAL COVER TO FIX ON THE MECHANISM



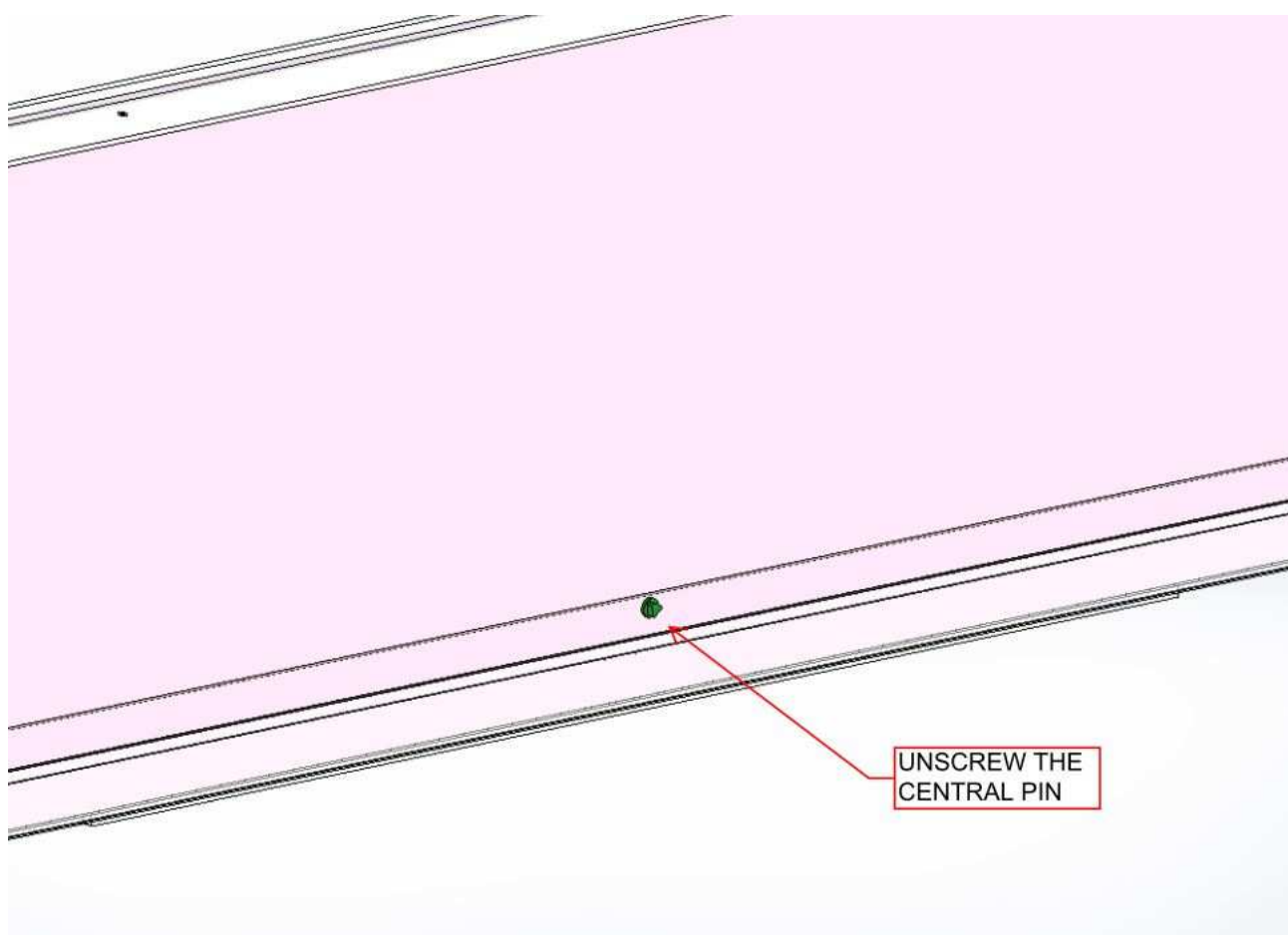


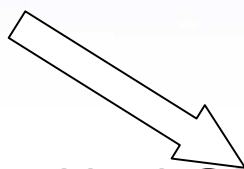
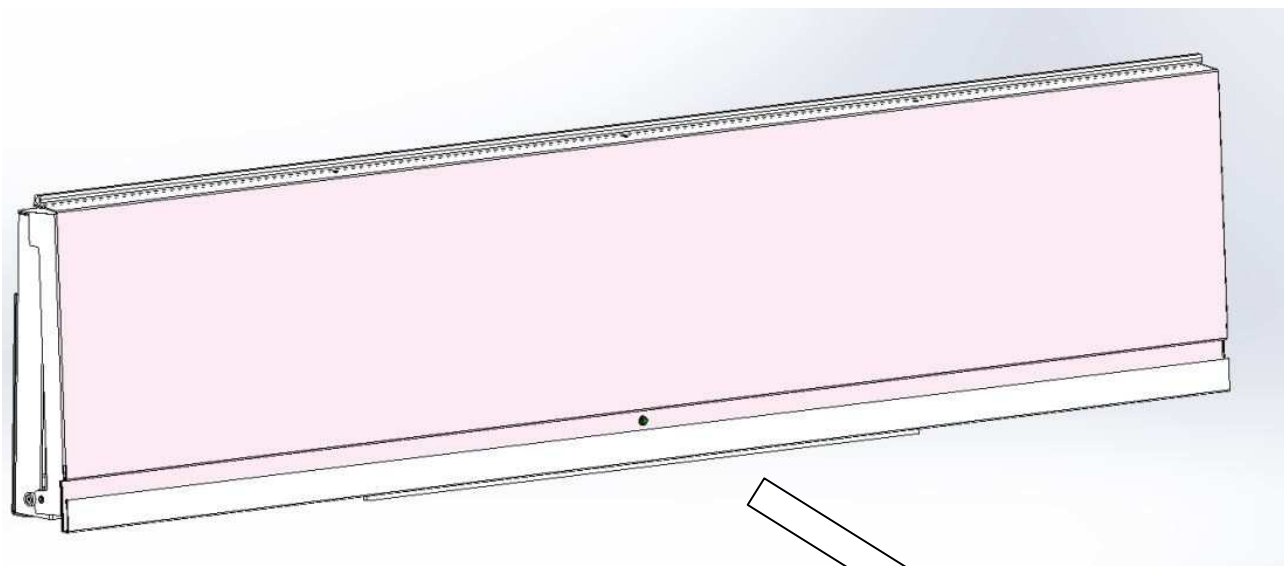
**ON COVER TOP SIDE THERE ARE THREE SCREWS NEED FOR INSTALLATION.  
DON'T REMOVE THEM. - BE CAREFUL- YOU MUST PUT THE SCREWS INTO  
THE SLOTS UNDER THEM.**



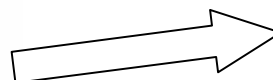
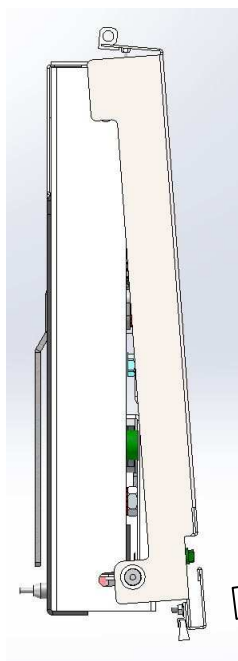


## 6. HOW TO OPEN THE TOP COVER (maintenance case)

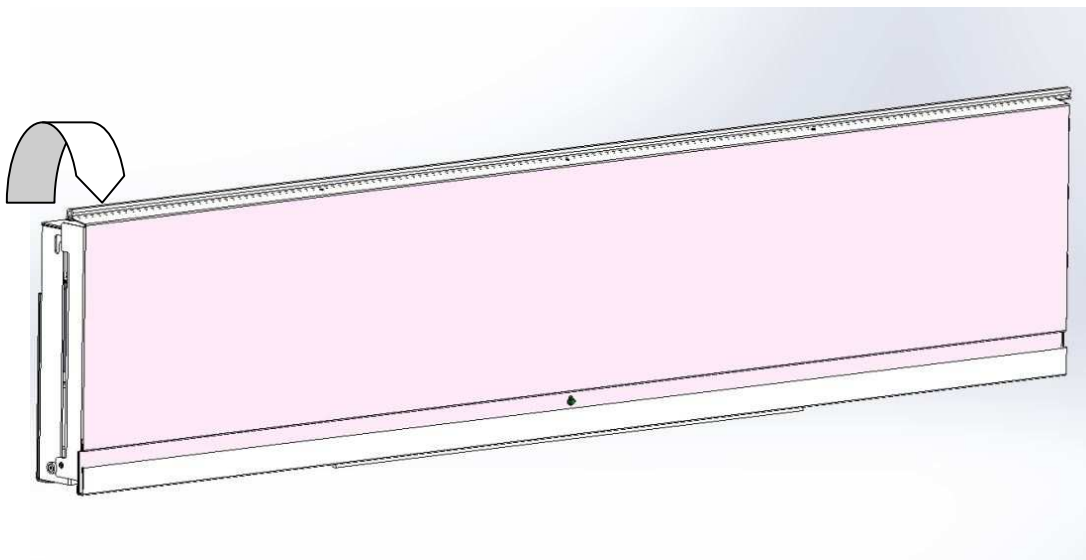




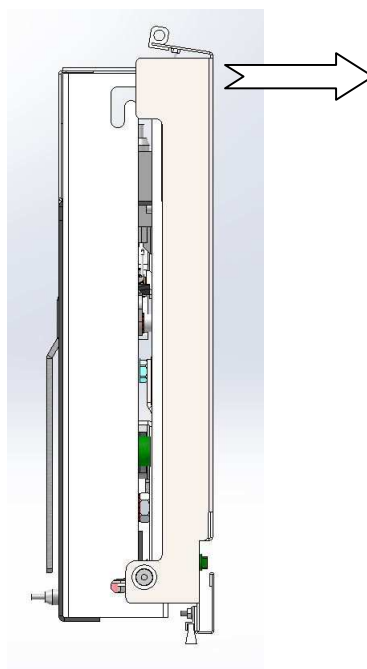
**PULL THE COVER FROM THE LOWER SIDE**

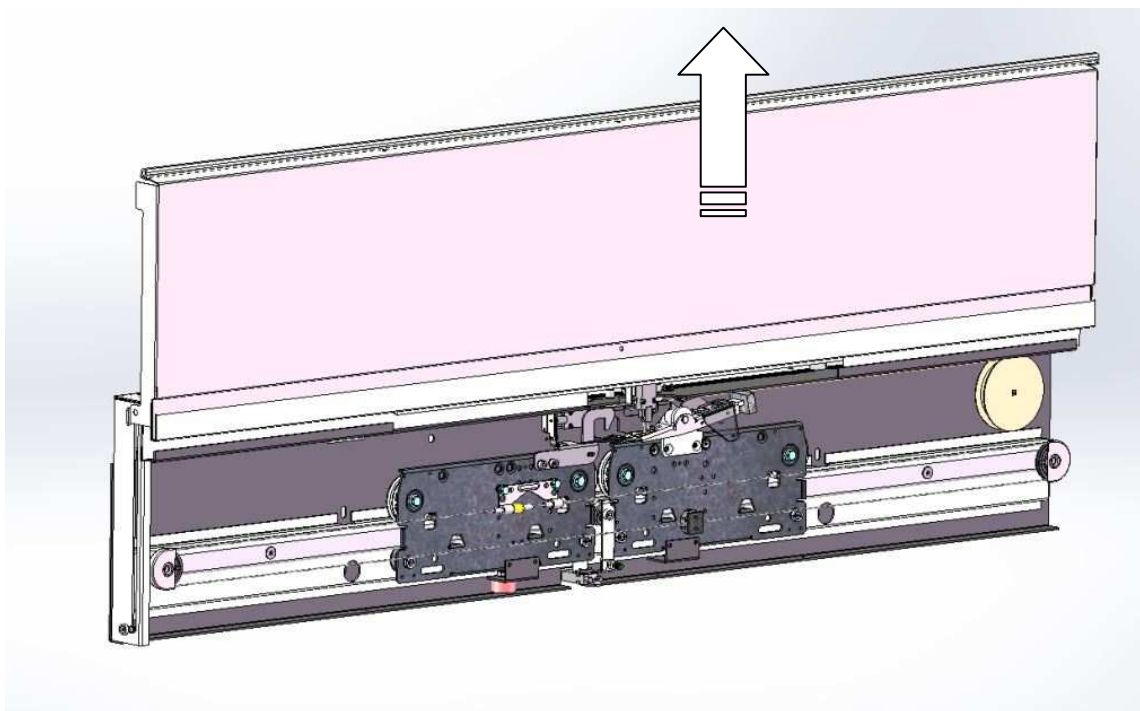




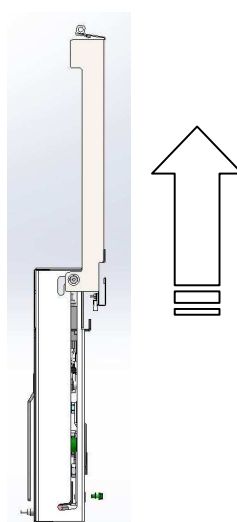


**GRAPING THE COVER PLATE LOWER OFF SET THE COVER  
TOP PART OUT ACTING FROM THE BOTTOM**

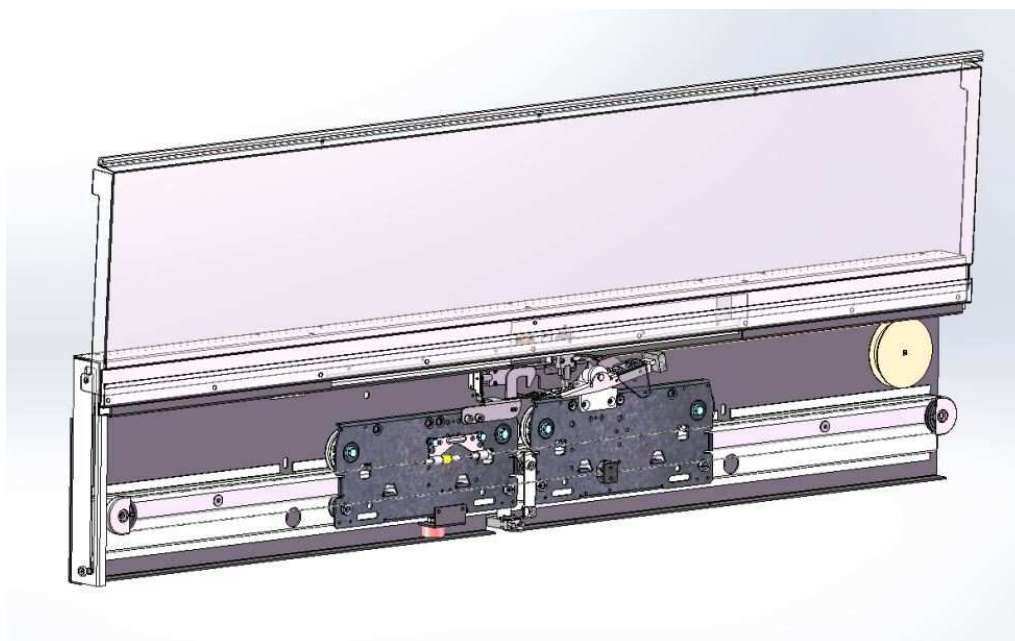




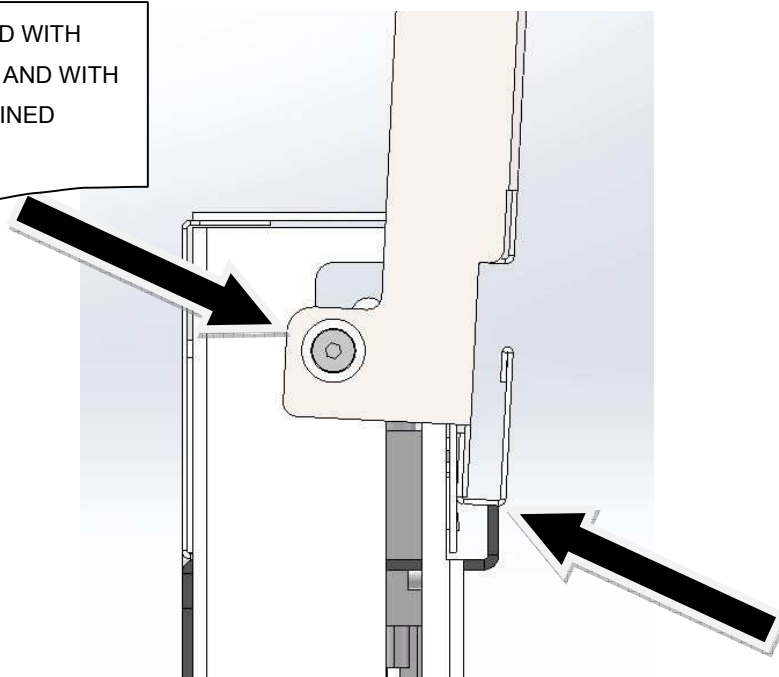
**LIFT THE COVER UP BY PUSHING IT TILL THE TOP  
OF THE MECHANISM**

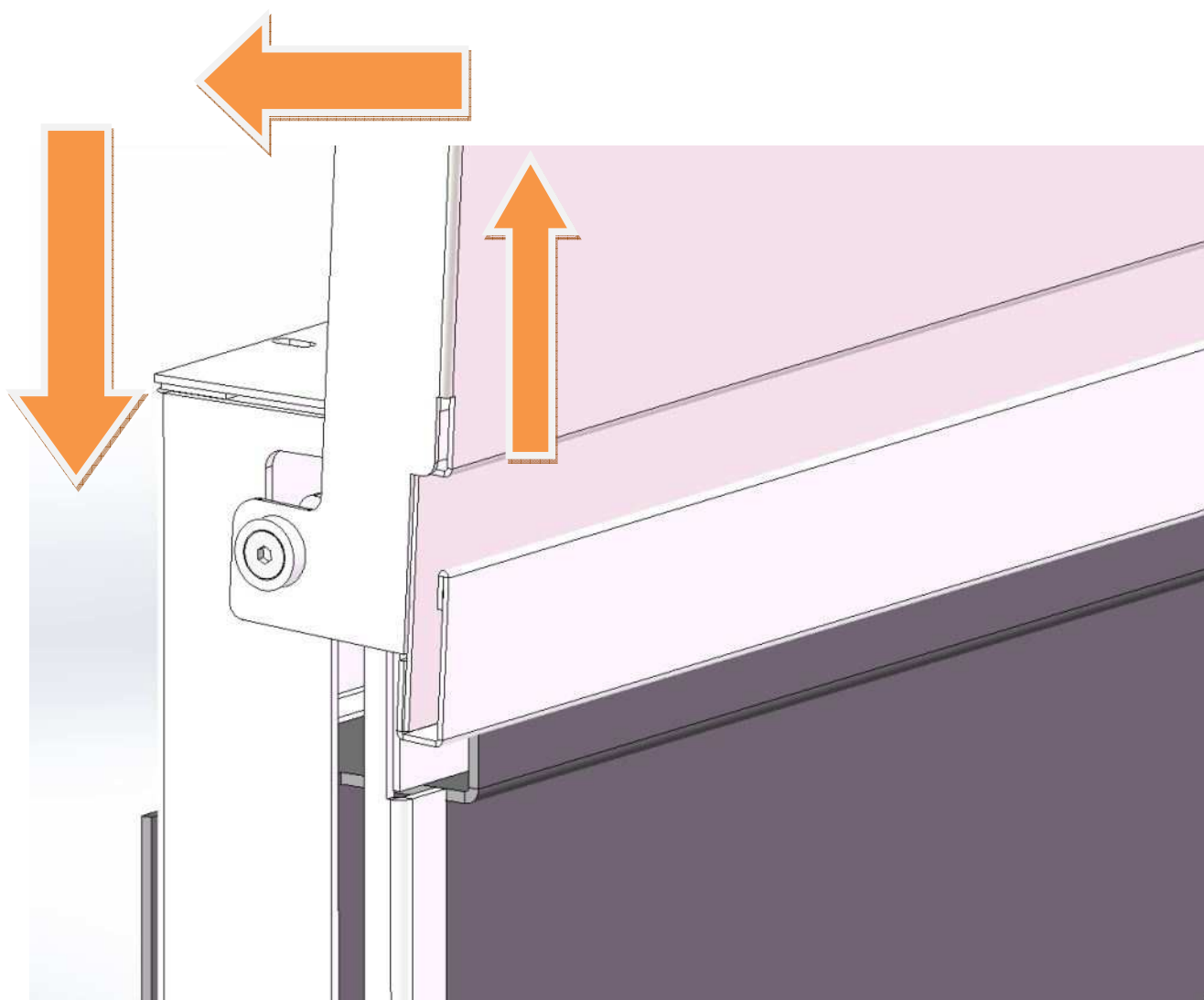


## BLOCK THE COVER IN THE SAFETY POSITION

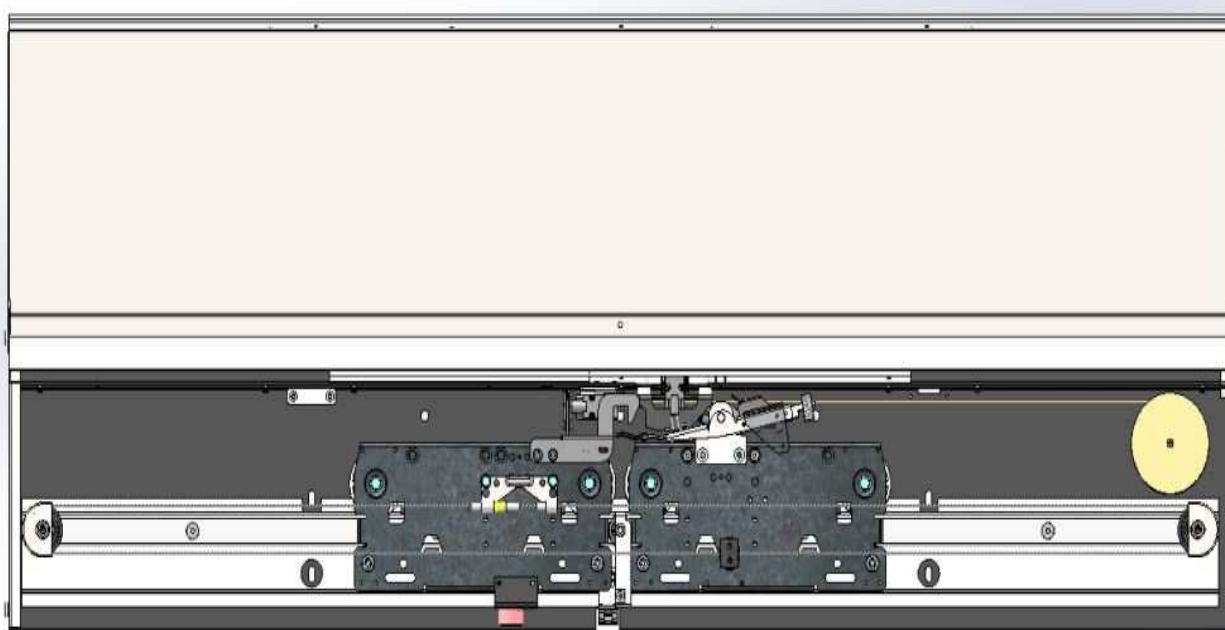


SAFETY POSITION OBTAINED WITH  
THE PIN INTO THE GROOVE AND WITH  
THE COVER TOP PART INCLINED  
FORWARD.





**THIS IS THE SAFETY POSITION OF THE TOP COVER.**



**NOW YOU CAN MAKE THE STANDARD  
ADJUSTMENT.**

# SPIRATOR RECLOSING SYSTEM

## ADJUSTMENT



Each spurator has a marker of the winding direction like shown above.



Old the spurator and turn it in the Wind indication to release the rope.

Always old the spurator to avoid it winding back and the risk of hurt your hands.

The rope winding can go from 1 to 6 maximum rotation but always after each rotation try to reclose the doors to check the rope tension to avoid the risk of overtensioning it and brake it.



As soon as loose enough length of the rope wind it around the spirator into the groove.



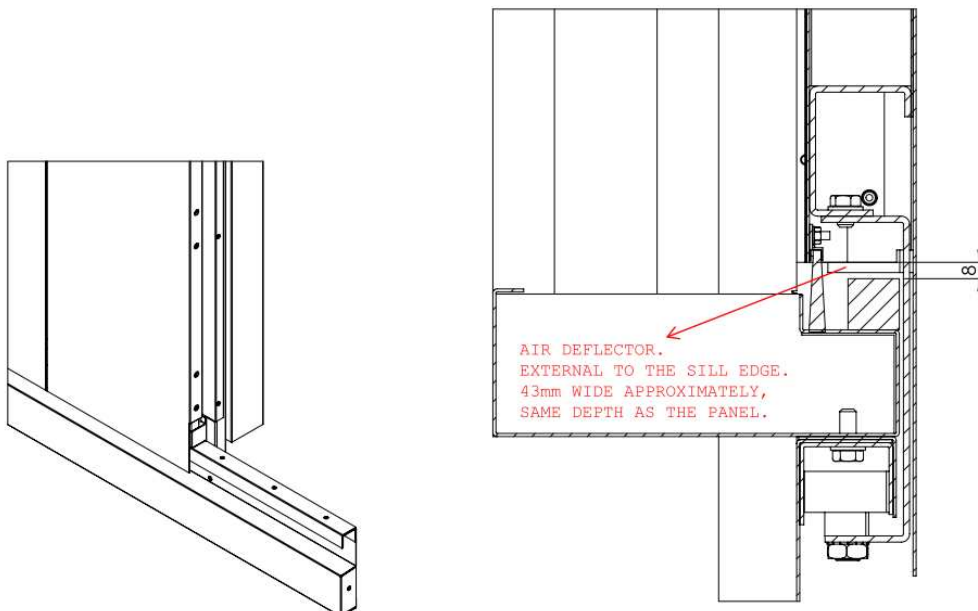
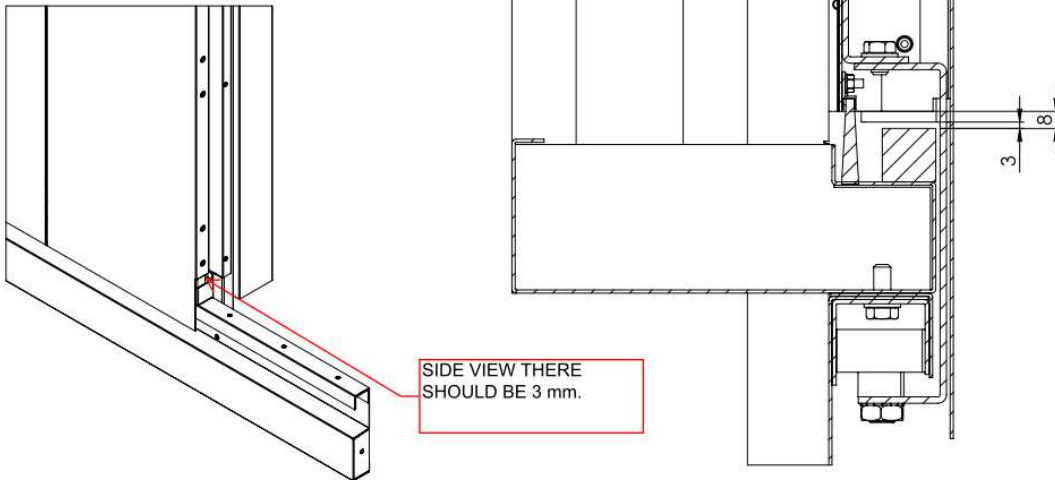


CLEARANCE BETWEEN PANEL AND SILL IS 8MM

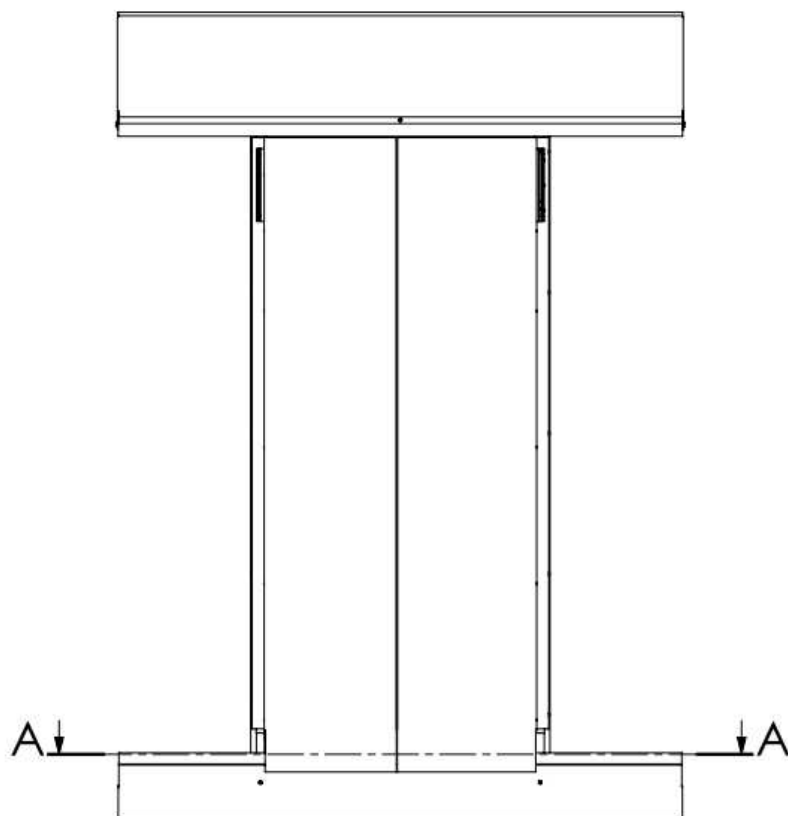
EXTERNAL TO THE PANEL THE SILL AND PANEL DISTANCE IS 3mm -

WHERE THERE IS A 3MM GAP IN REALITY THERE SHOULDN'T BE THE SILL. INTO THE PANEL THERE A EDGE DONE TO REDUCE THE AIR FLOW.

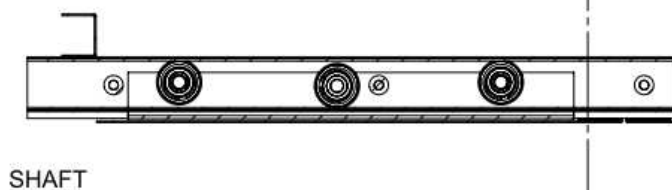
THE PANEL NEED TO BE SET AT 8 mm FROM THE SILL.







LAND

A-A  
SCALE 1 : 5


SHAFT

The external rollers should touch the same side while the central one should touch the opposite side. The panel after the roller adjustment has to be parallel with the door mechanism support plate consequently with the mechanism top truck too. After this adjustment the panel movement should be free without frictions.

Door Central line

3 Rollers per panel  
on central opening doors  
4 Rollers per panel  
on telescopic side opening T2G

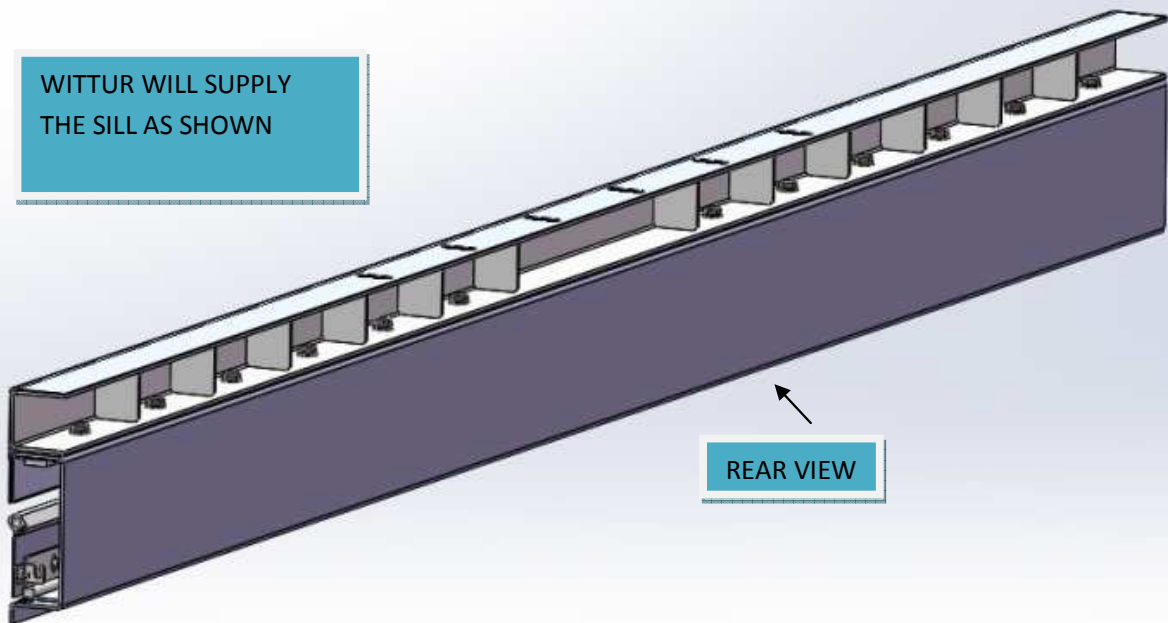


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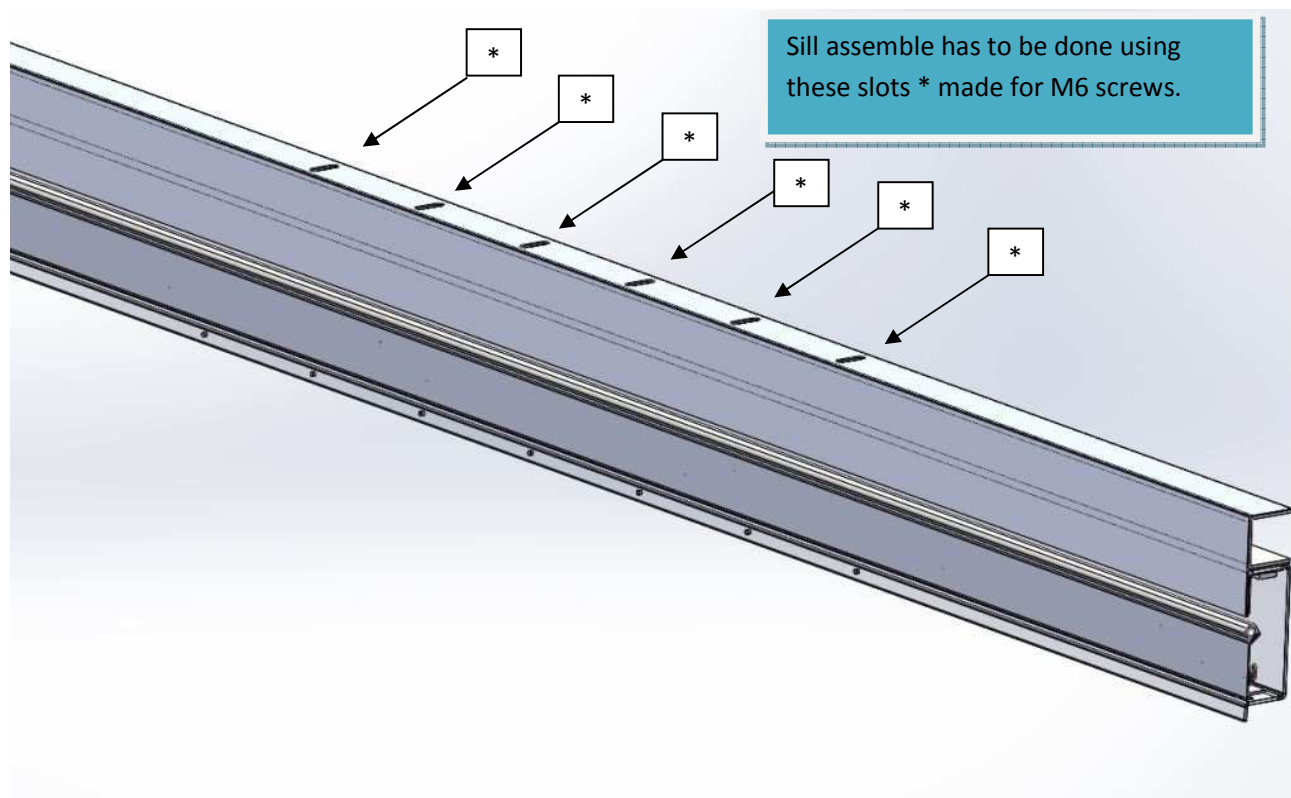
## TOWER T1 T3 T5 CAR DOOR INSTALLTION

### SILL INSTALLATION

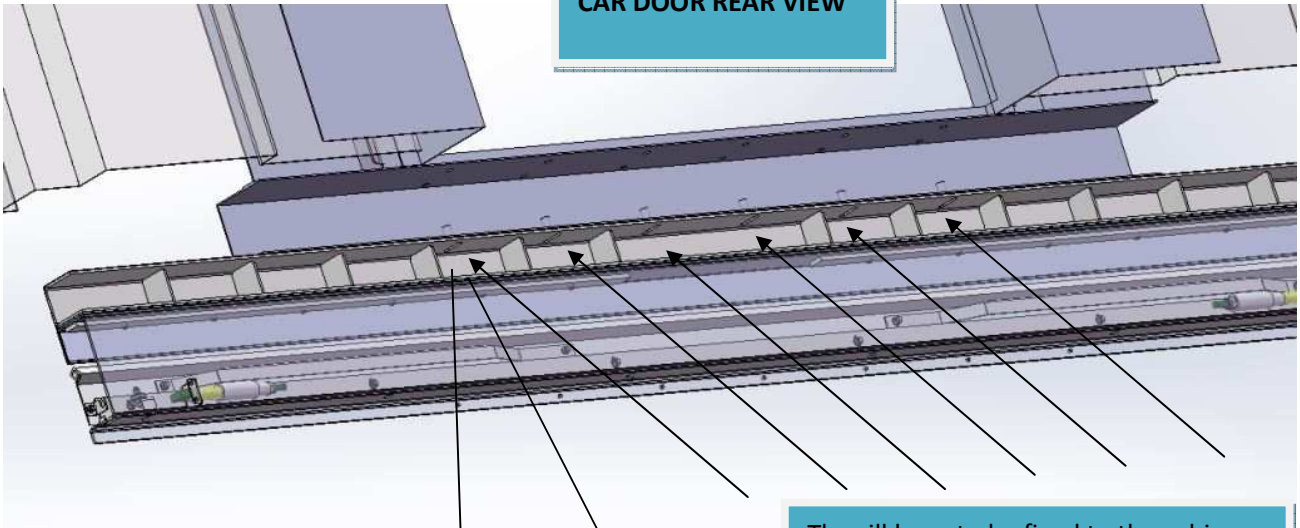
WITTUR WILL SUPPLY  
THE SILL AS SHOWN



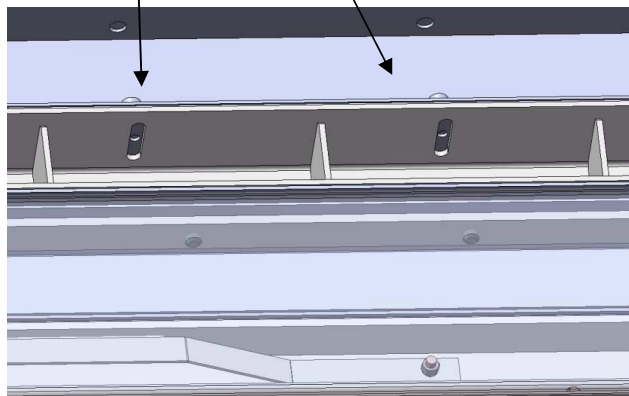
REAR VIEW

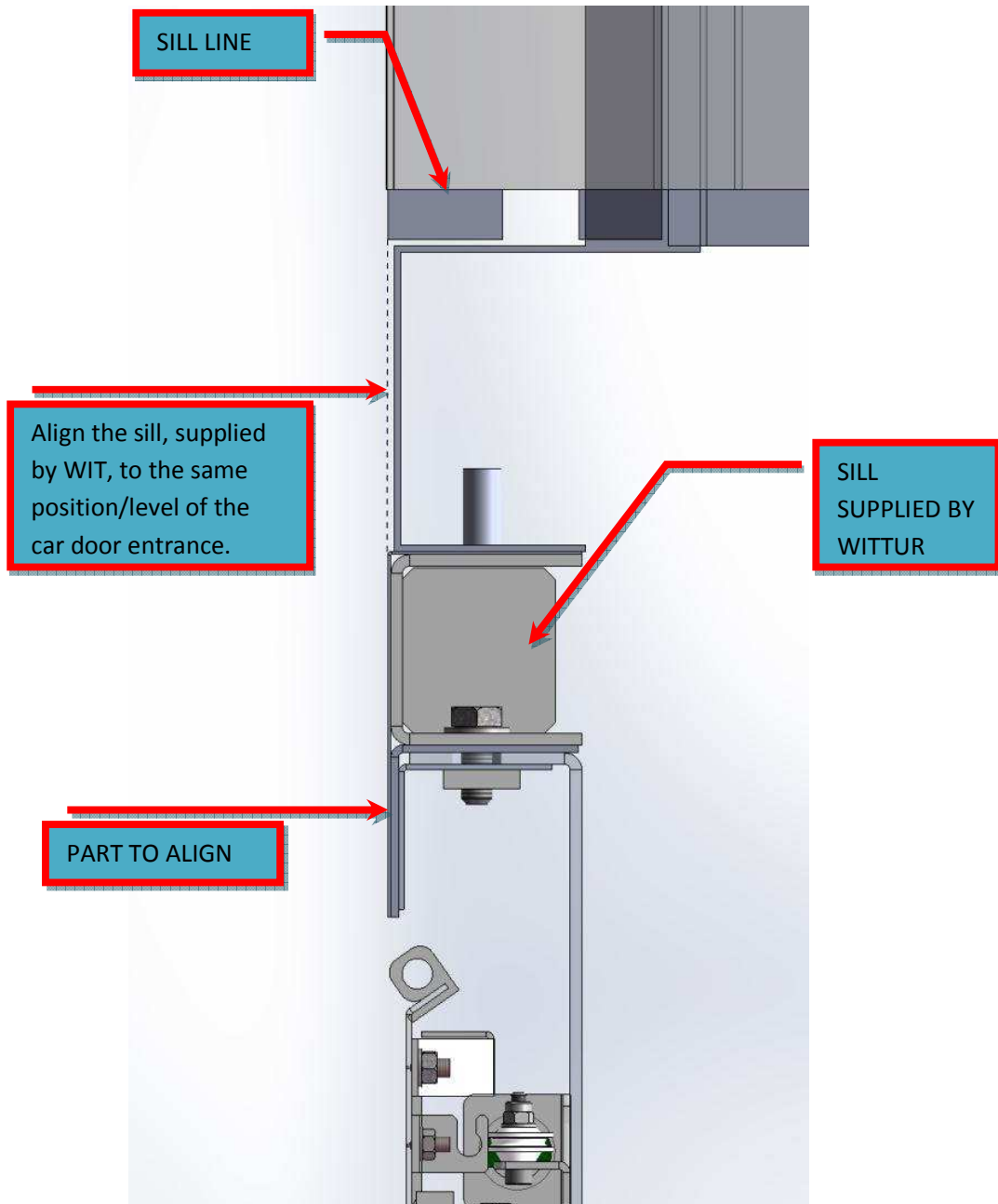


**CAR DOOR REAR VIEW**

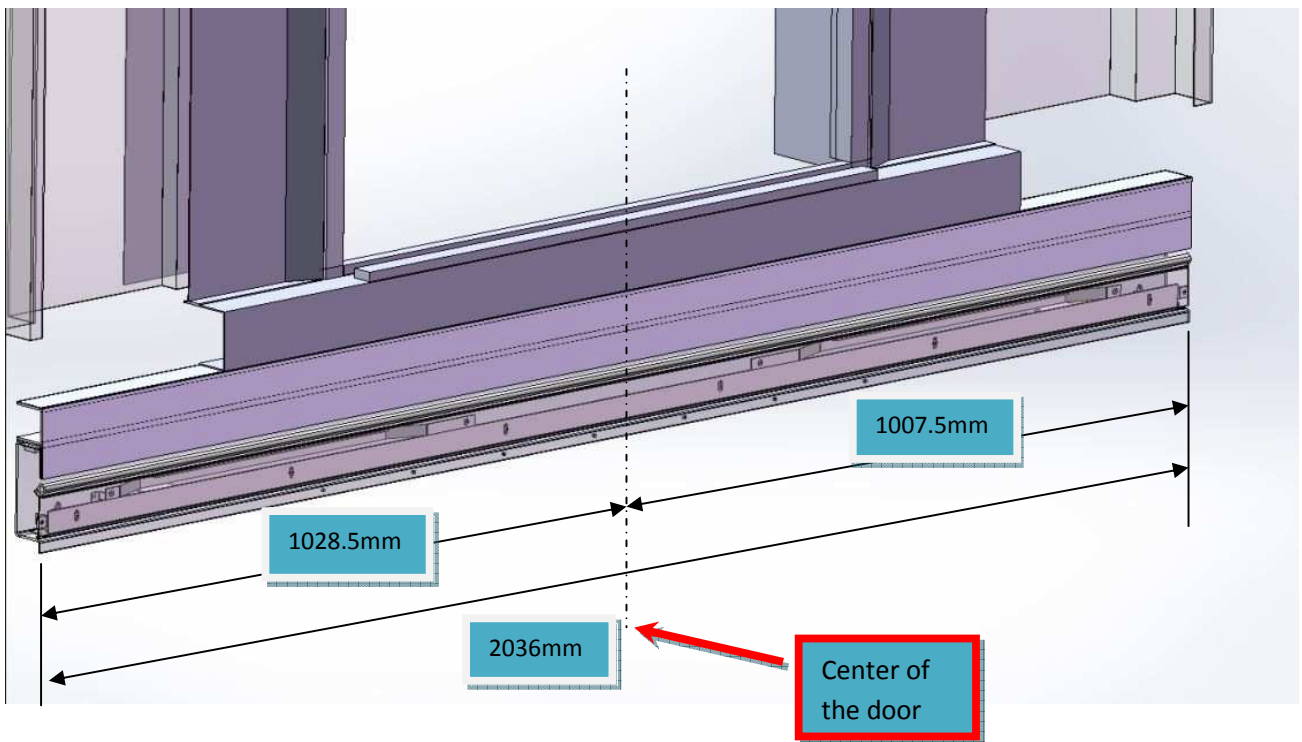


The sill have to be fixed to the cabin using screws through these slots.

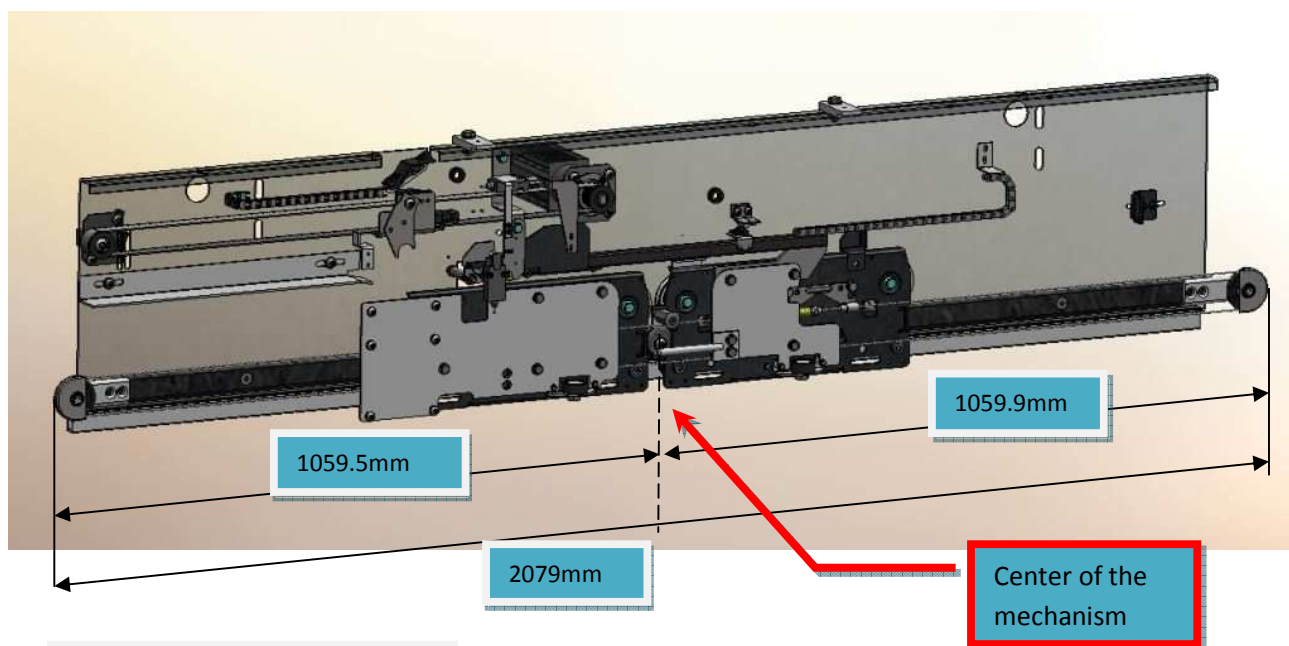




## DOOR ALIGNMENT



# CAR DOOR MECHANISM ASSEMBLY



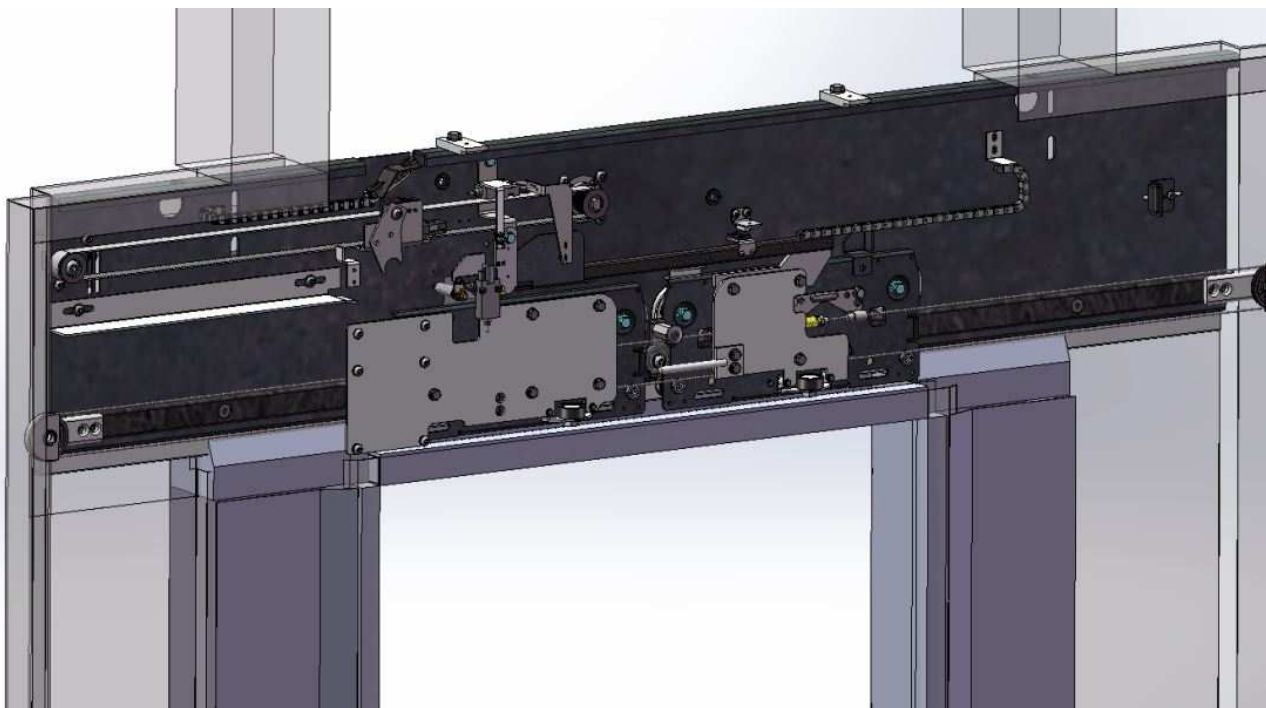
WITTUR WILL SUPPLY THE MECHANISM AS SHOWN



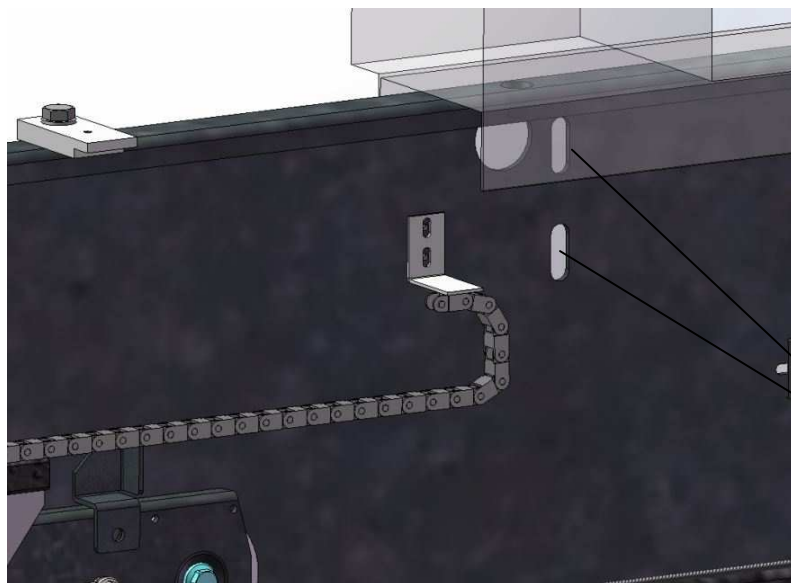
Check that the anti-tip rollers (2) are slightly pressed (finger-tight) against the rail profile.  
If needed, loosen the nut and adjust the eccentric roller using a hexagon key.

**FIX THE MECHANISM ON CAR ROOF  
USING M12 SCREWS.**

**(NOT SUPPLIED BY WIT)**

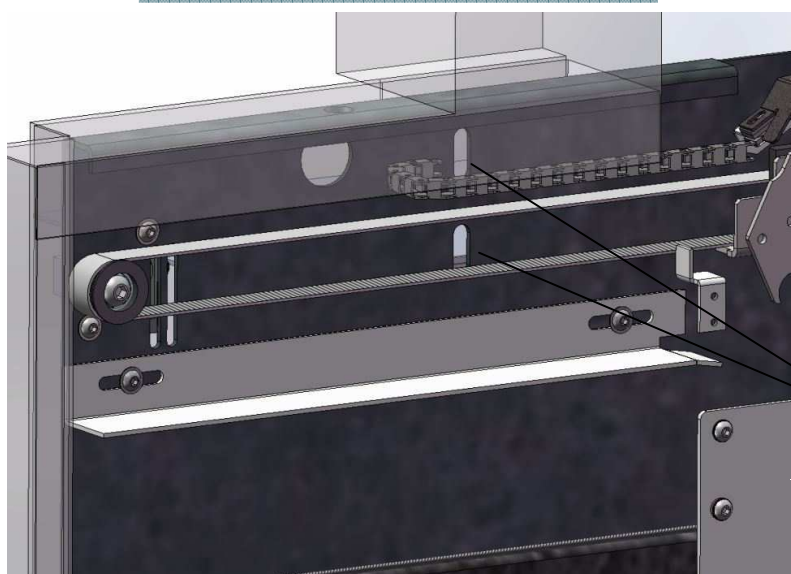






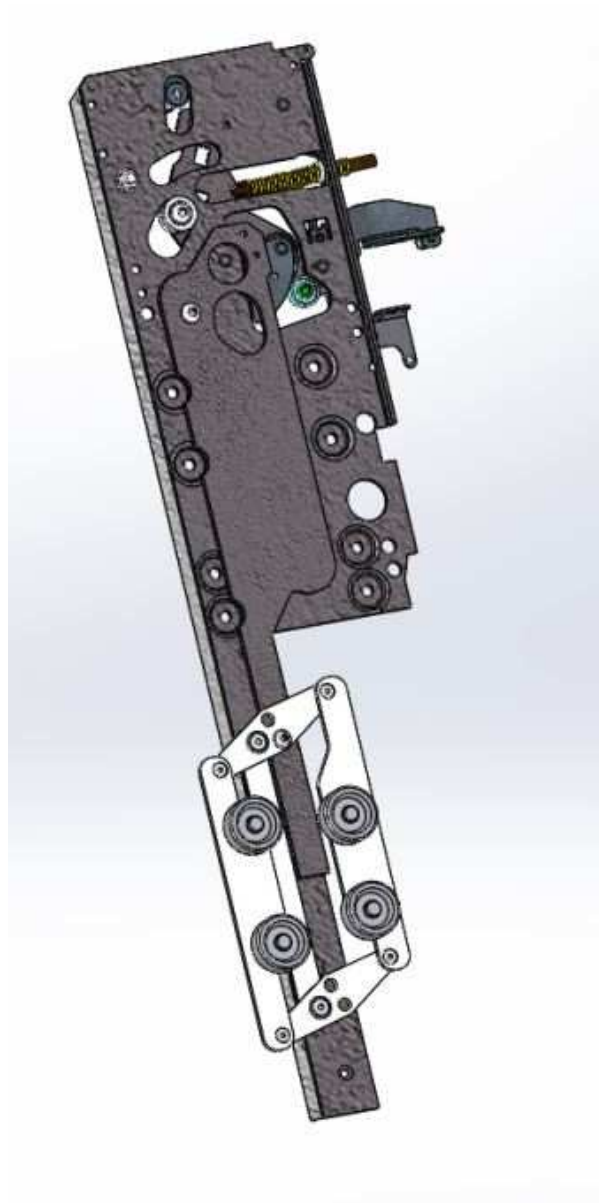
**RIGHT SIDE**

There are two slots on each side of the mechanism for the fixation on the car.

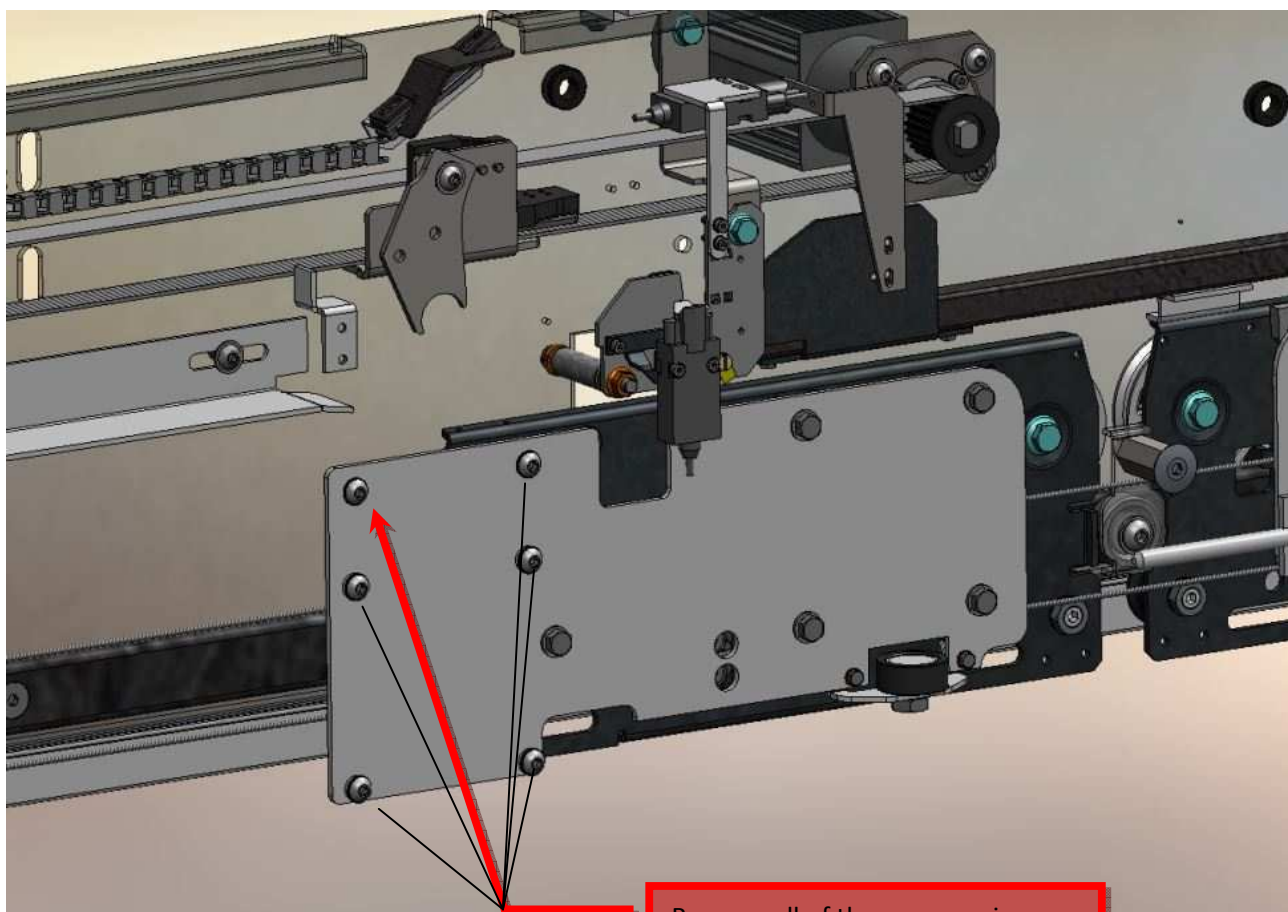


**LEFT SIDE**

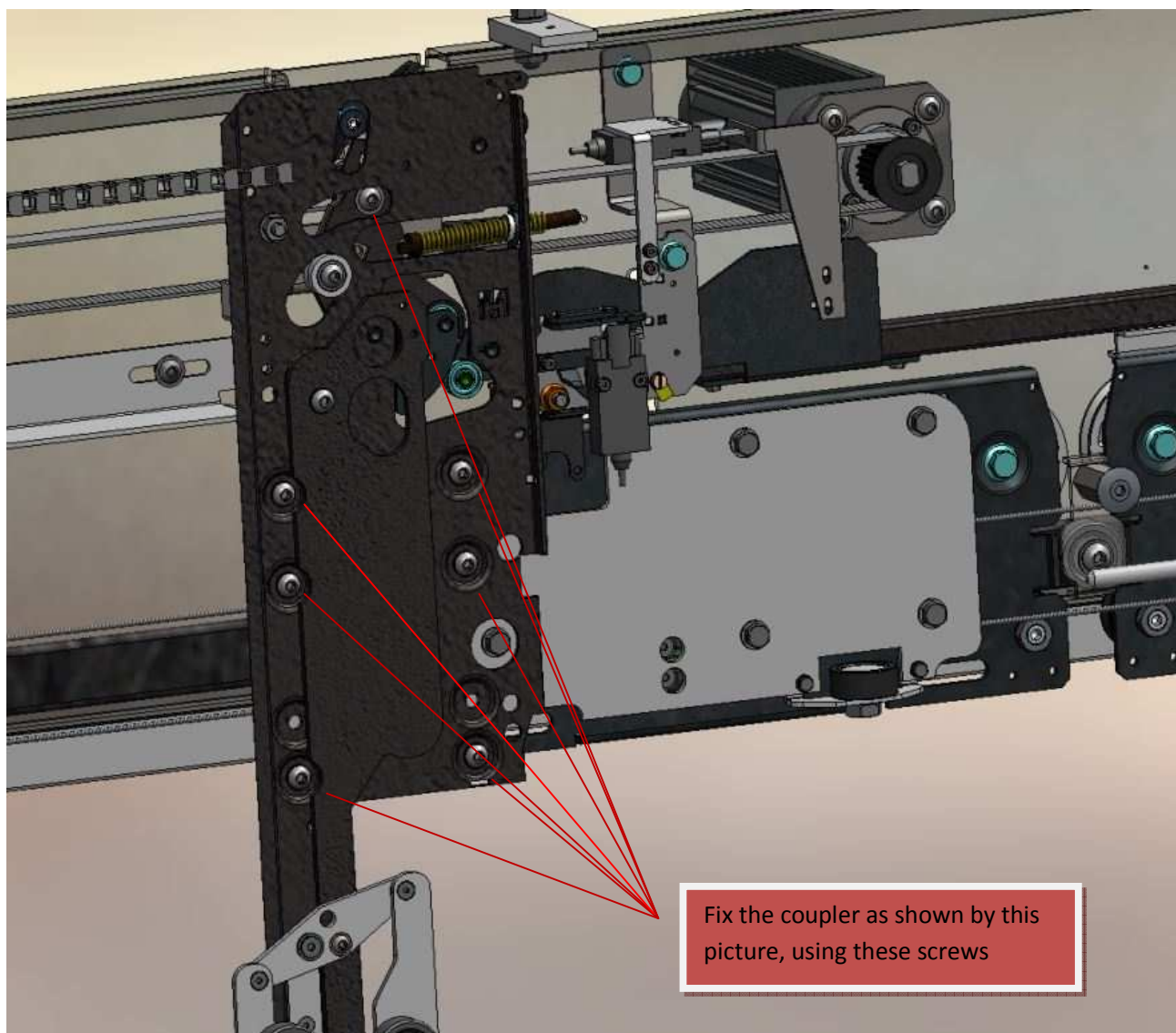
**WITTUR WILL PROVIDE THE COUPLER  
SEPARATELY.**



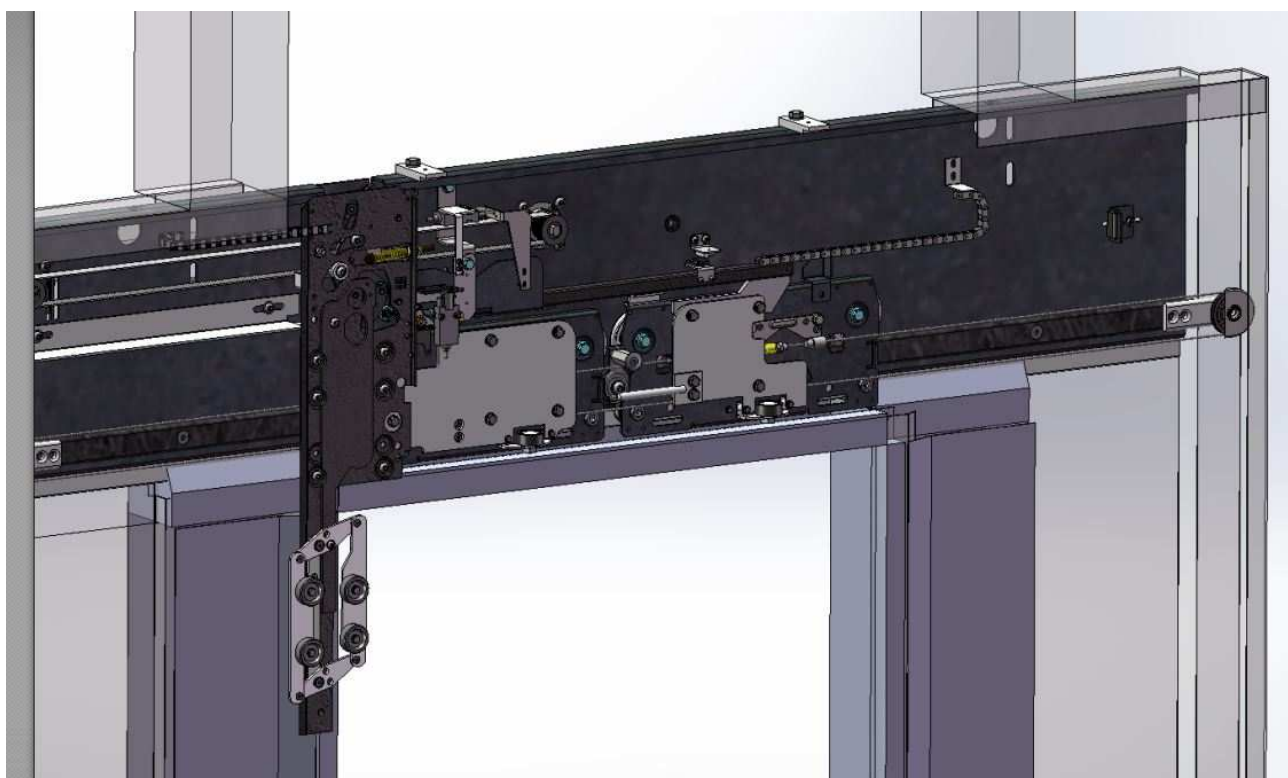
## ACTIVITY FOR COUPLER INSTALLATION.



Remove all of these screws in  
order to install the coupler



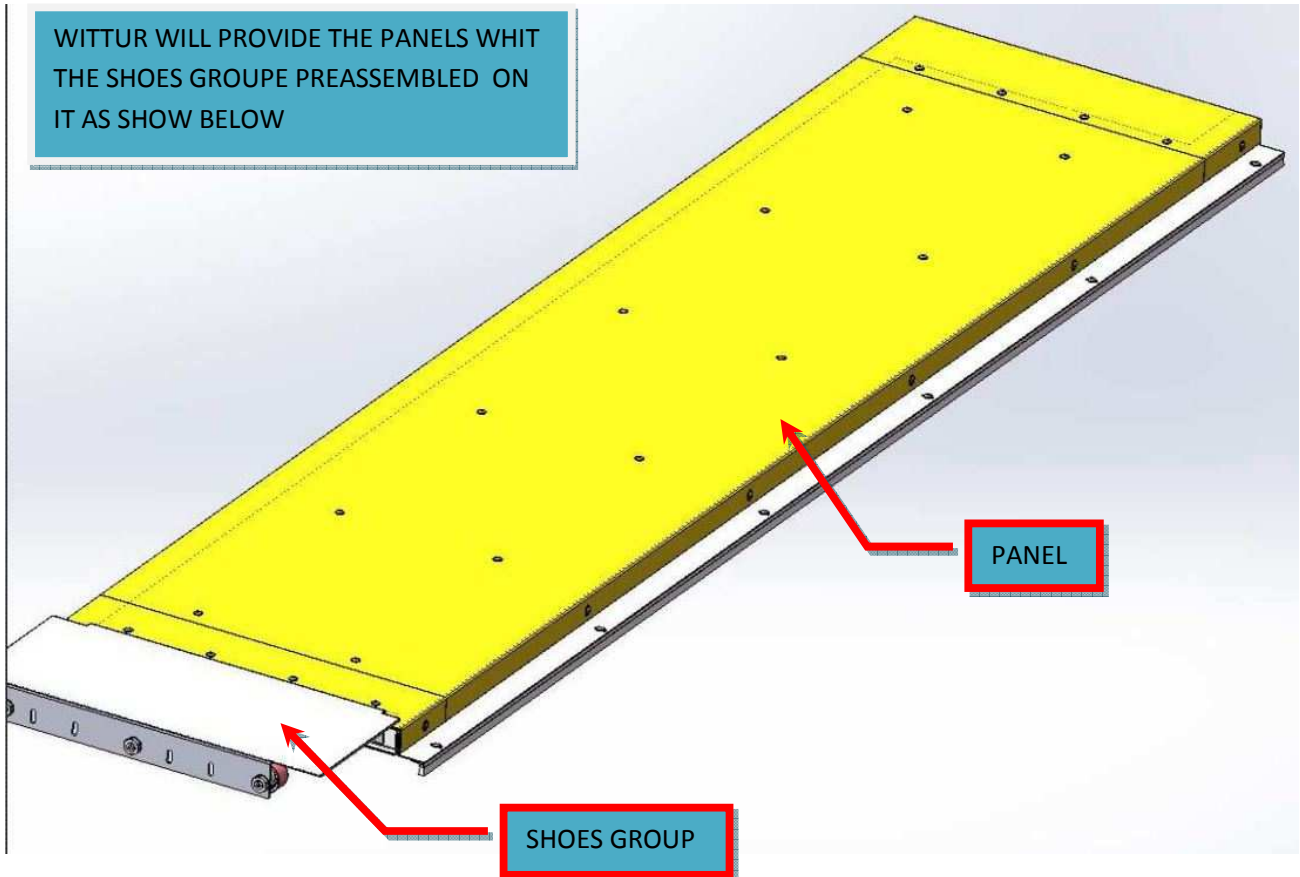
## ASSEMBLY COMPLETED



Check that the anti-tip rollers (2) are slightly pressed (finger-tight) against the rail profile.  
If needed, loosen the nut and adjust the eccentric roller using a hexagon key.

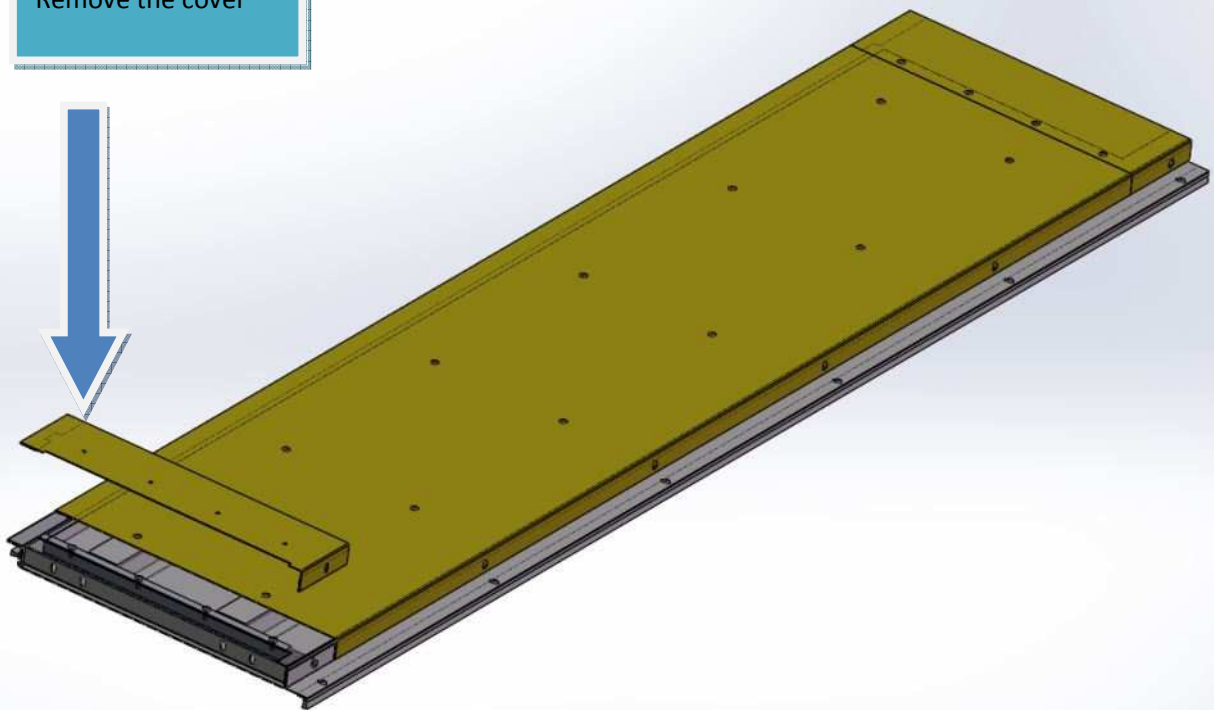
## CAR DOOR PANELS ASSEMBLY

WITTUR WILL PROVIDE THE PANELS WITH  
THE SHOES GROUP PREASSEMBLED ON  
IT AS SHOW BELOW





Remove the cover



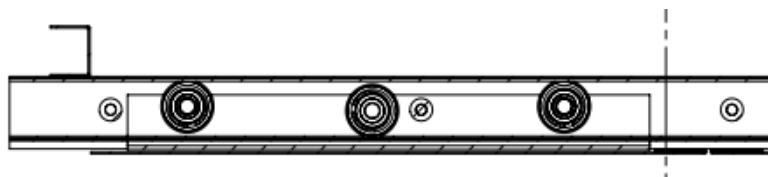
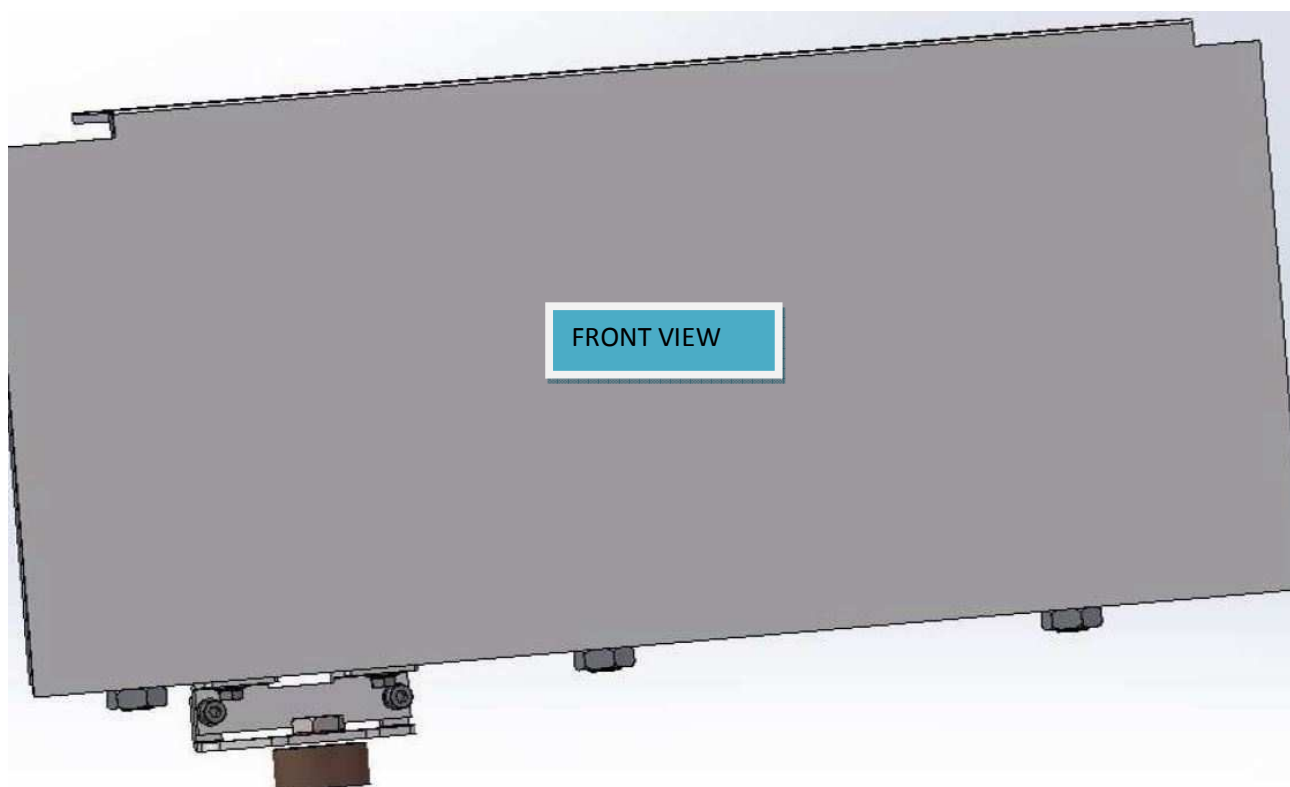


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## ACTIVITY TO DO!



Remove the four  
screws on top



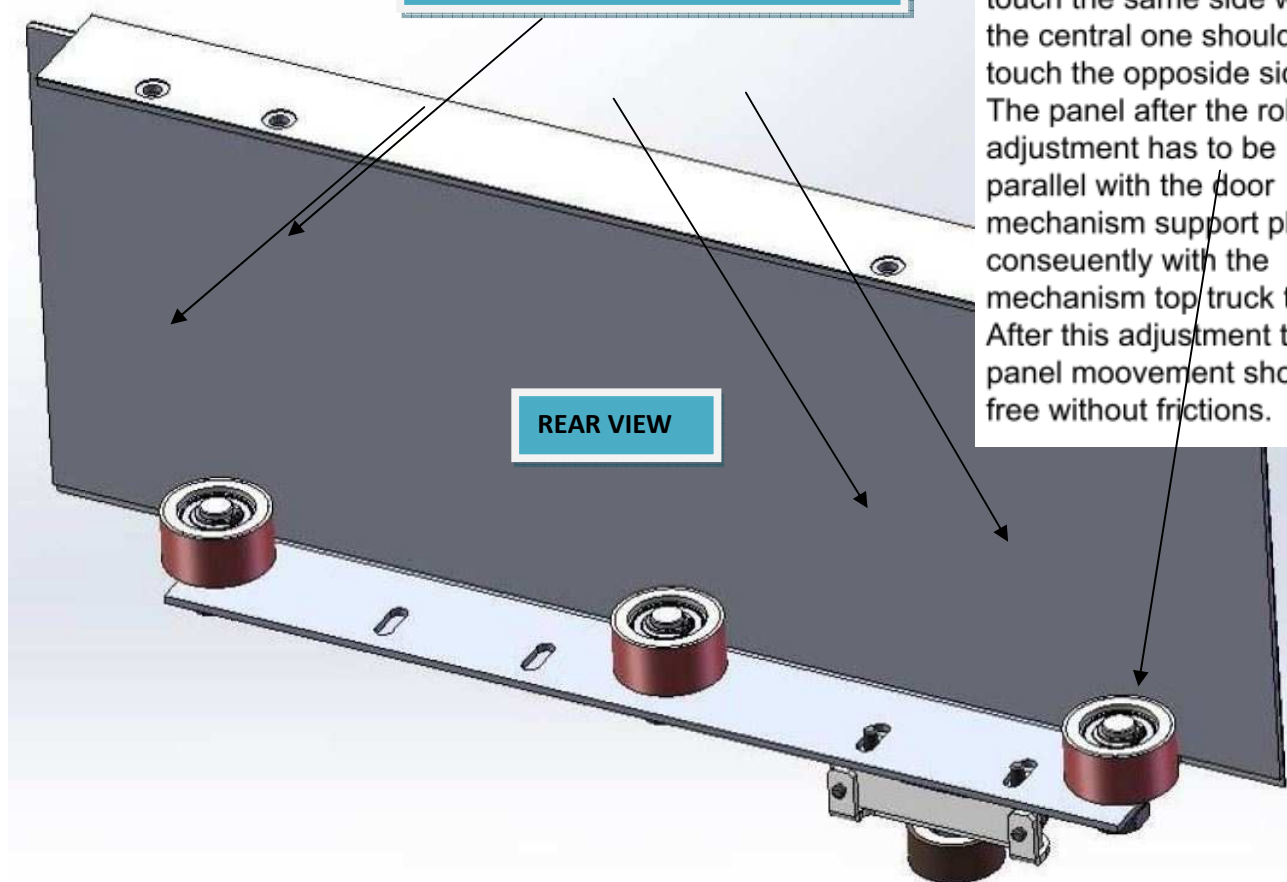
3 Rollers per panel  
on central opening doors  
4 Rollers per panel  
on telescopic side opening T2G



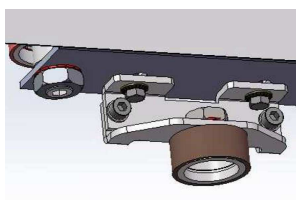
USE THESE HOLES FOR ASSEMBLY OR  
DISASSEMBLY THE PANELS SHOES

The external rollers should touch the same side while the central one should touch the opposite side. The panel after the roller adjustment has to be parallel with the door mechanism support plate consequently with the mechanism top truck too. After this adjustment the panel movement should be free without frictions.

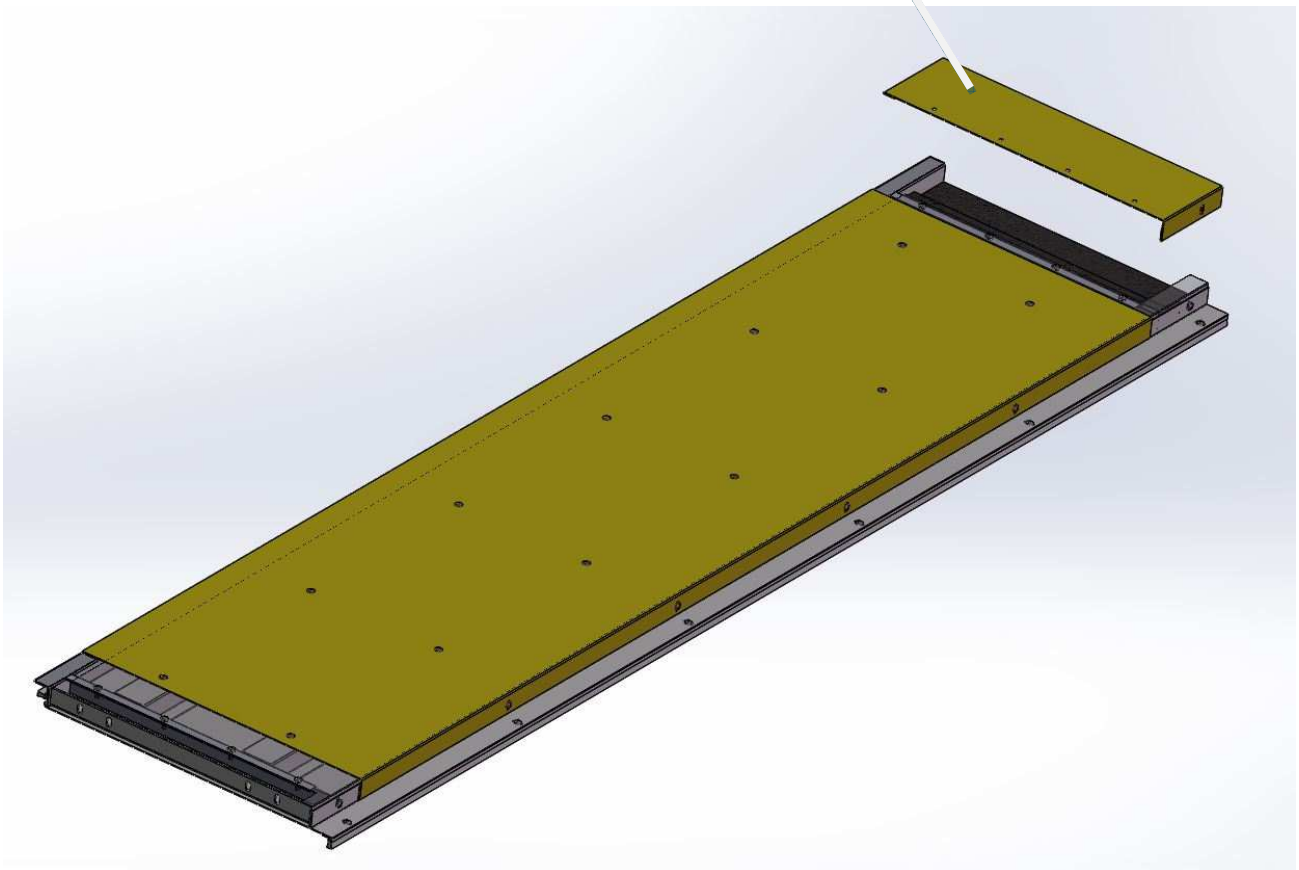
REAR VIEW



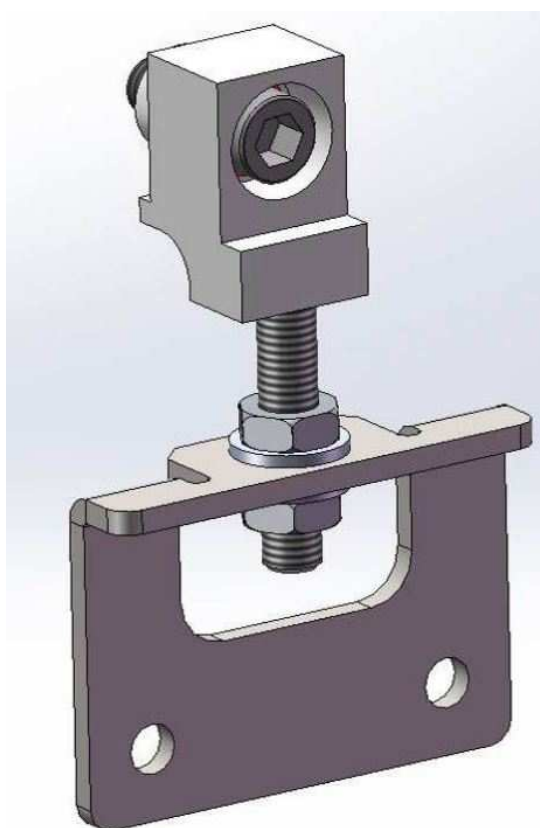
THIS ROLLER IS USED TO MOVE  
THE LOWER FLAP ( SILL GROUPE )



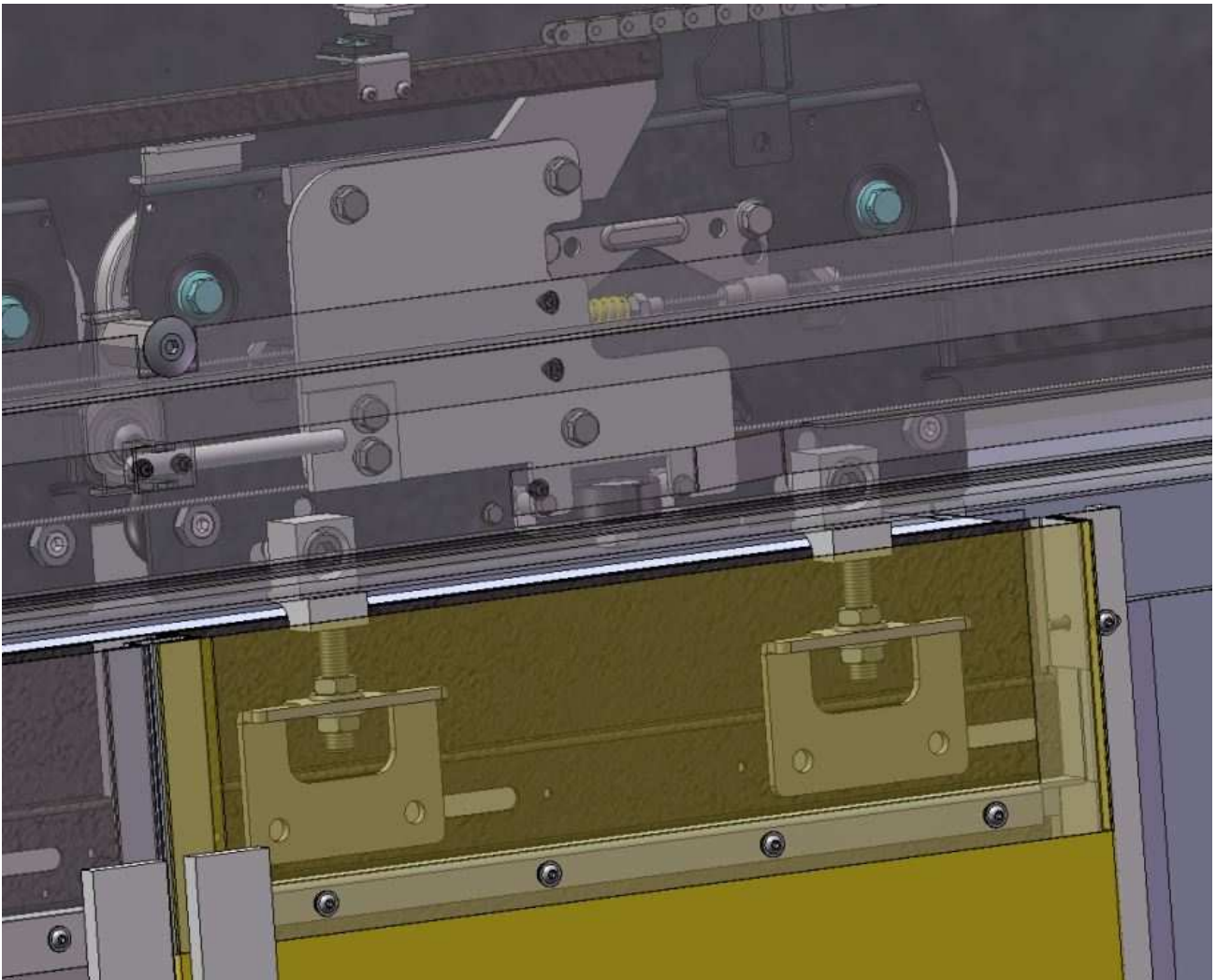
REMOVE THE  
TOP COVER

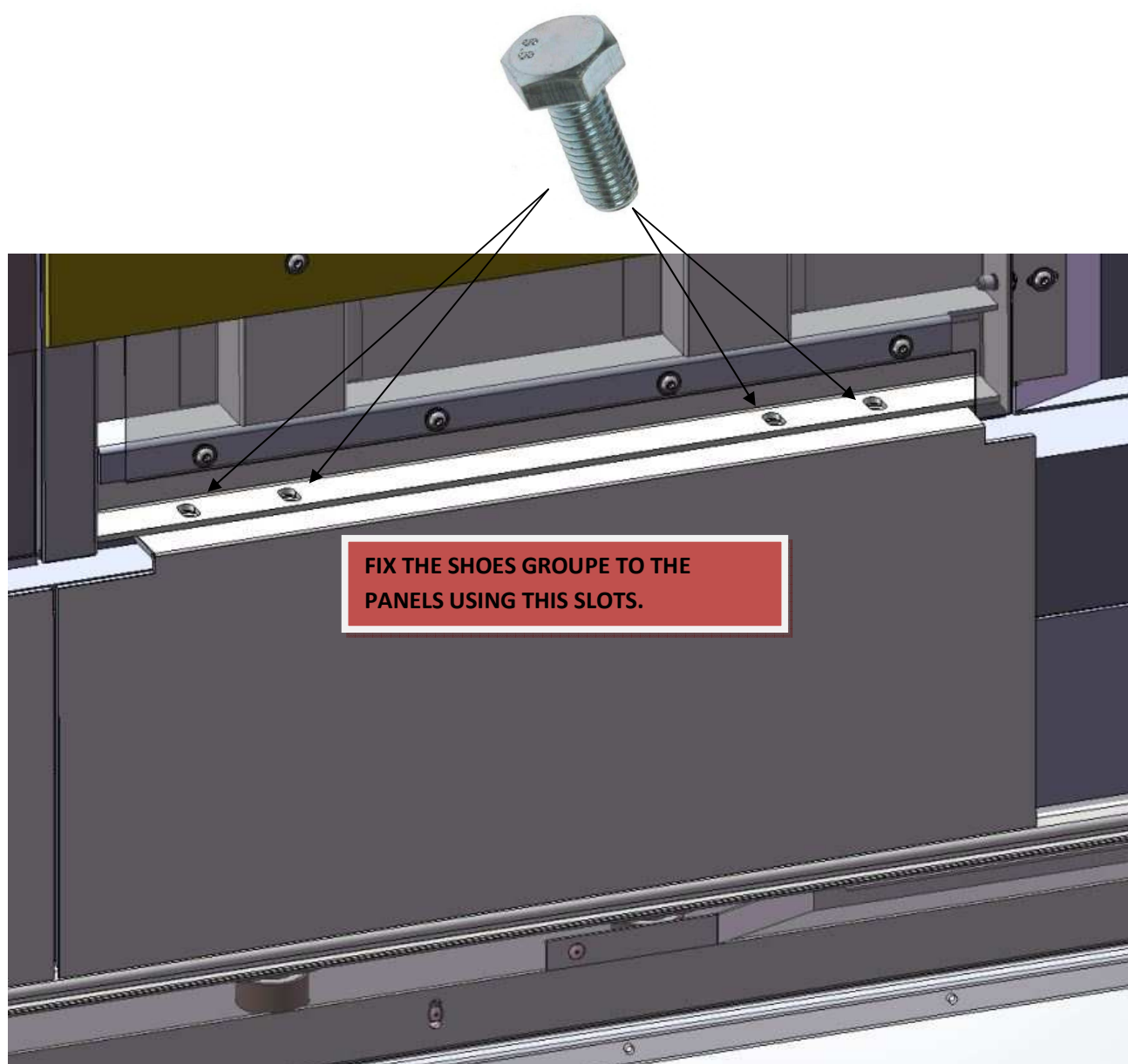


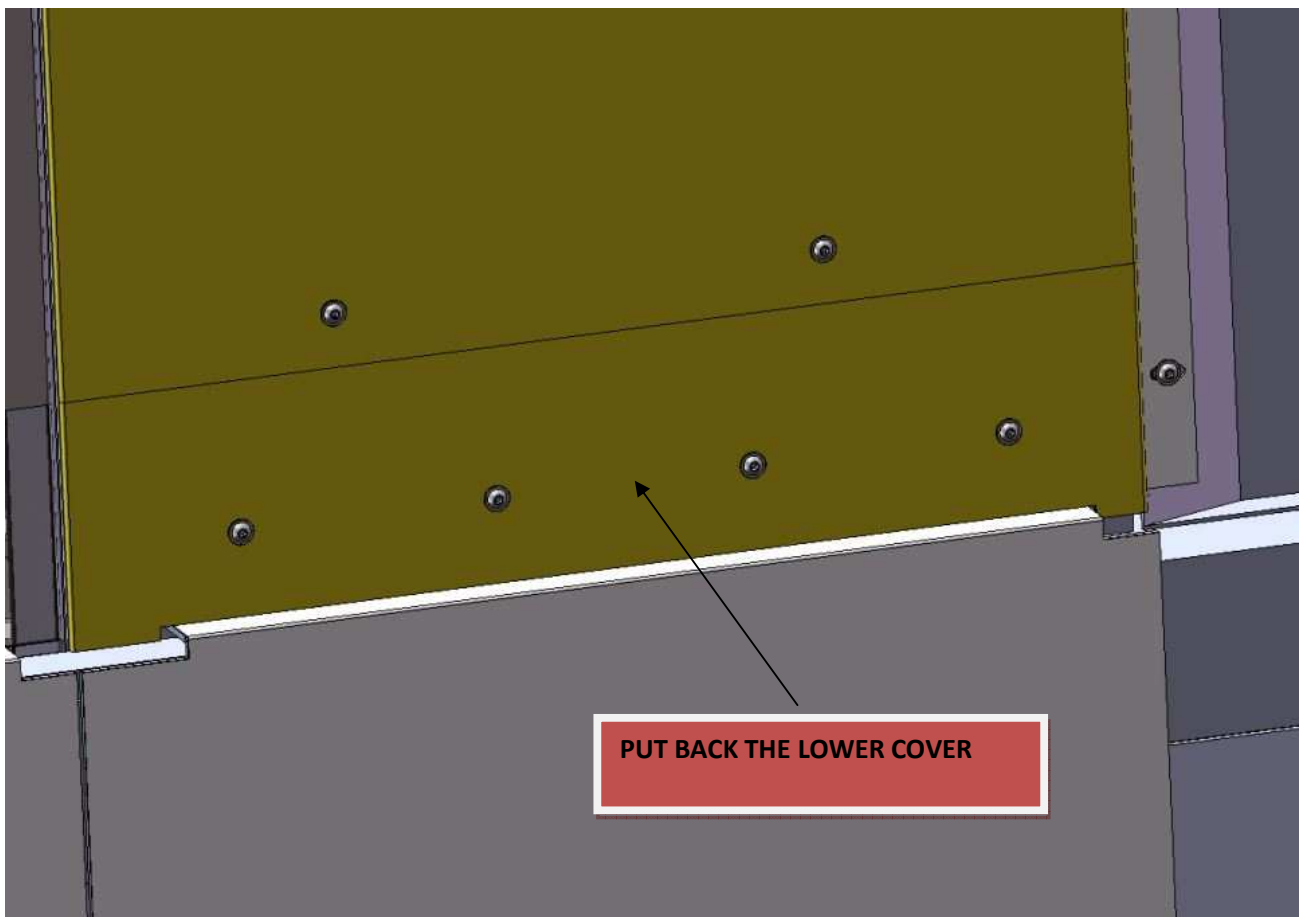
## PANELS ANGHING BOLTS

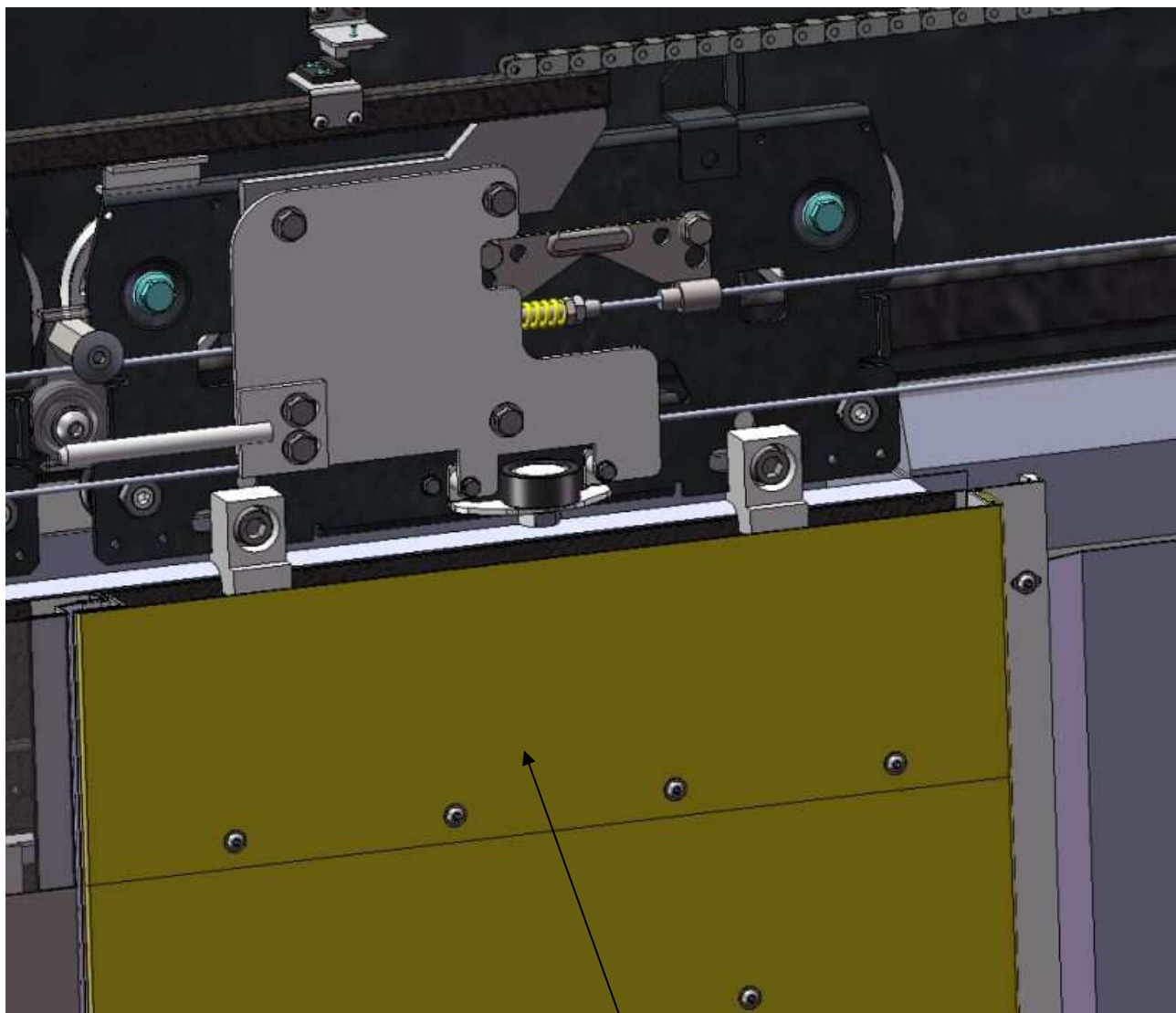


**USE THIS BOLT AND BRACKET ( N°2 EACH  
PANEL ) TO FIX THE PANEL TO THE  
MECHANISM. THESE ARE SUPPLIED IN A  
SEPARATE BOX.**





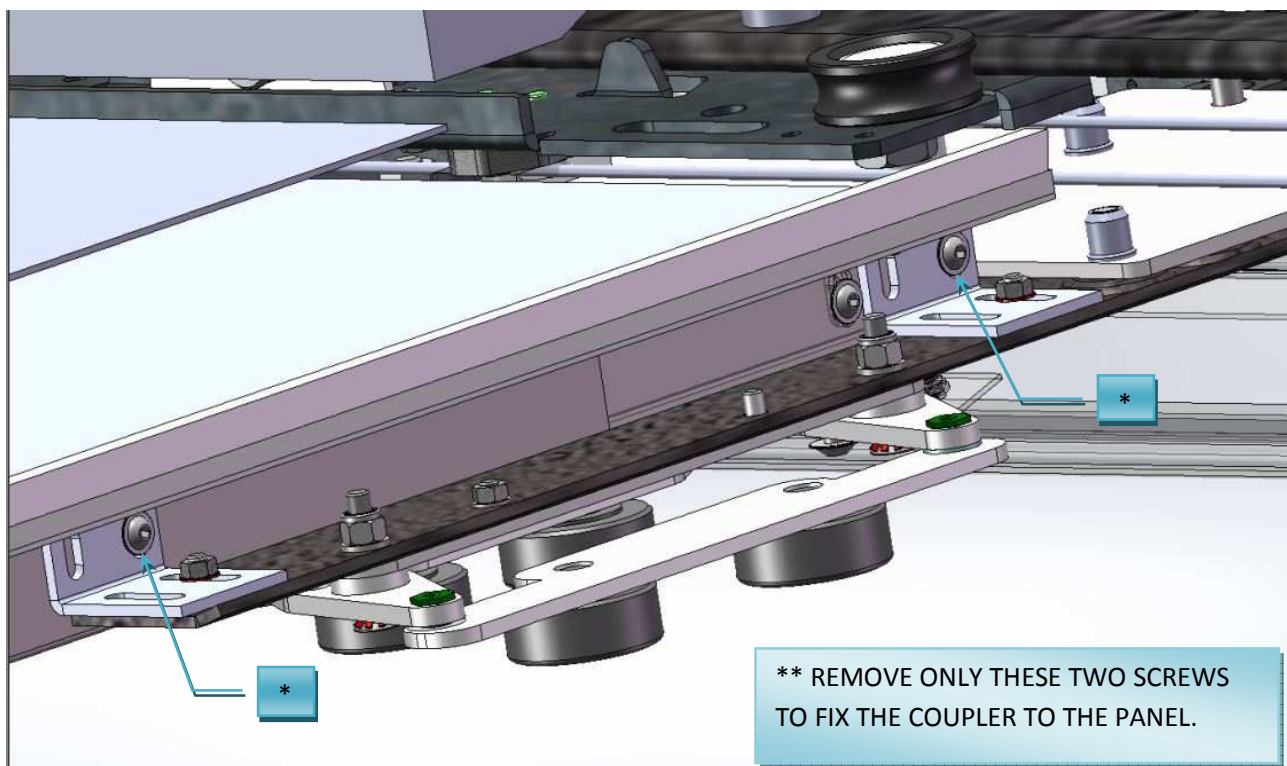




**PUT BACK THE TOP COVER**



## COUPLER INSTALLATION

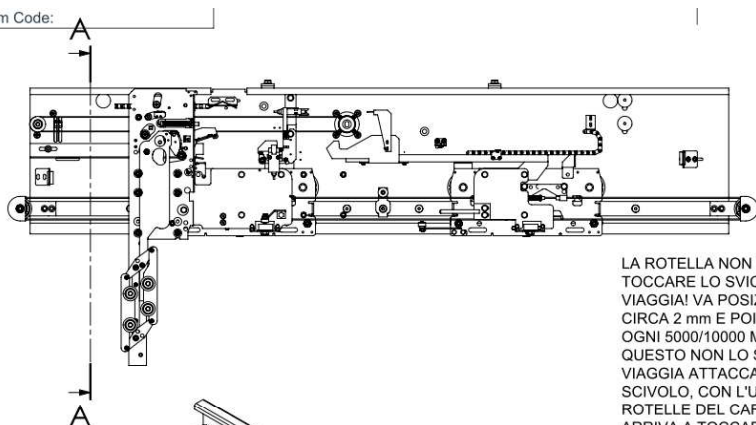




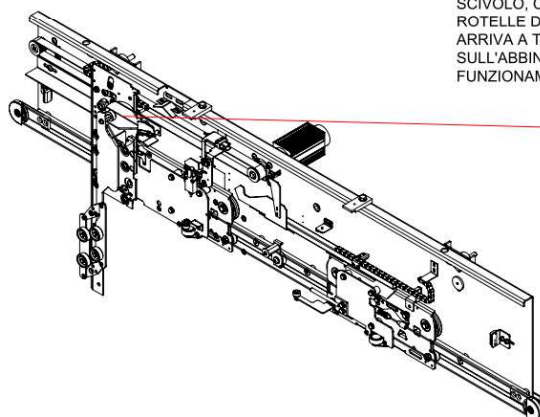
Code: 14-218216-LANDING  
Version: V03  
Date: 28/06/2017

Item Code:

SURFACE TEXTURE: ISO 1302 GEOMETRICAL TOLERANCES: ISO 1101 GENERAL TOLERANCES: ISO 1101  
RUGOSITÀ SUPERFICIALE: TOLLERANZE GEOMETRICHE: TOLLERANZE GENERALI:  
GENERAL PRINCIPLES OF PRESENTATION COMPLYING WITH STANDARDS / PRINCIPI GENERALI DI RAPPRESENTAZIONE SECONDO

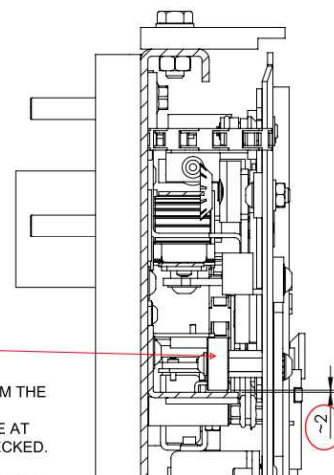


LA ROTELLA NON DEVE TOCCARE LO SVICOLO MENTRE VIAGGIA! VA POSIZIONATA A CIRCA 2 mm E POI VERIFICATA OGNI 5000/10000 MANOVRE?? - QUESTO NON LO SAPPIAMO. SE VIAGGIA ATTACCATA ALLO SCIVOLO, CON L'USURA DELLE ROTELLE DEL CARRELLO ARRIVA A TOCCARE E FORZARE SULL'ABBINAMENTO E SUL SUO FUNZIONAMENTO.



THE ROLLER AS TO BE ADJUSTED AT 2MM FROM THE RAMP SURFACE. EVERY 5000/10000 CICLE AT LEAST NEED TO BE CHECKED.

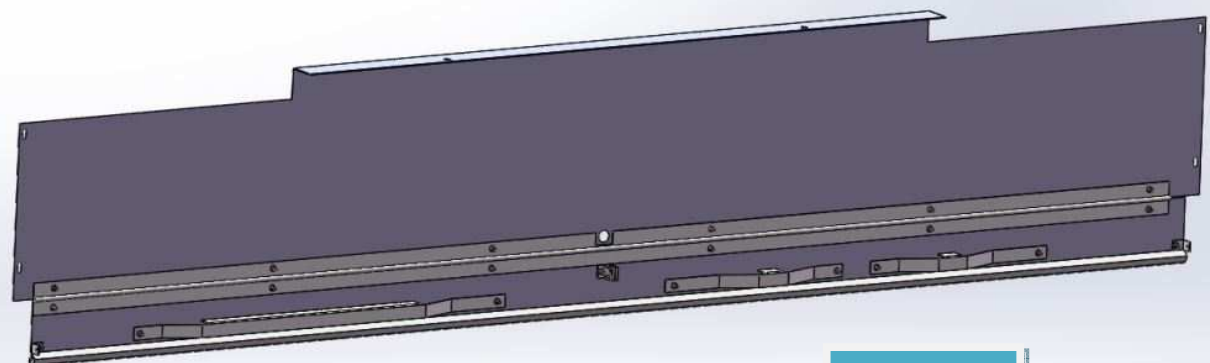
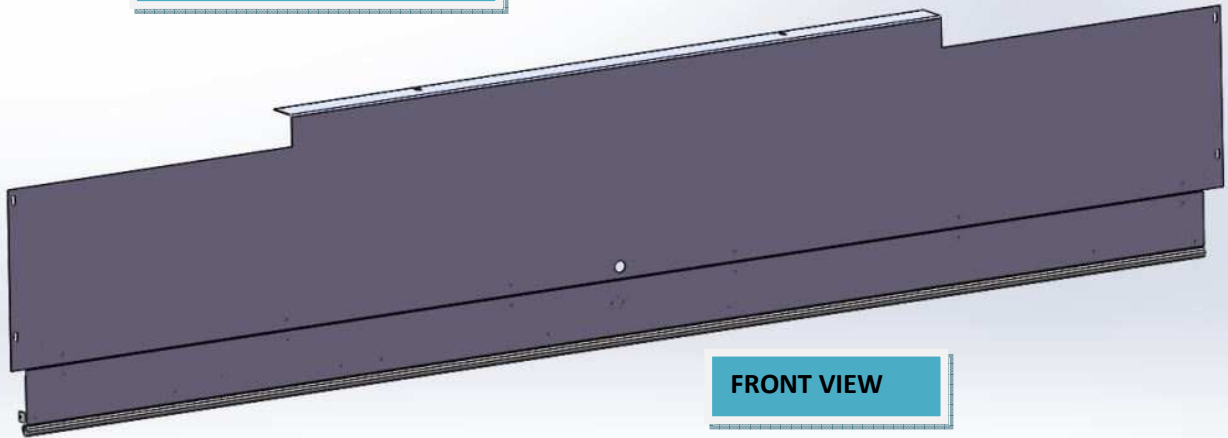
CHECK IS NEEDED BECAUSE THE TRUK TOP ROLLER DIAMETER REDUCTION DURING THE LIFE TIME CAN REDUCE THIS 2MM CLEARANCE/DISTANCE.



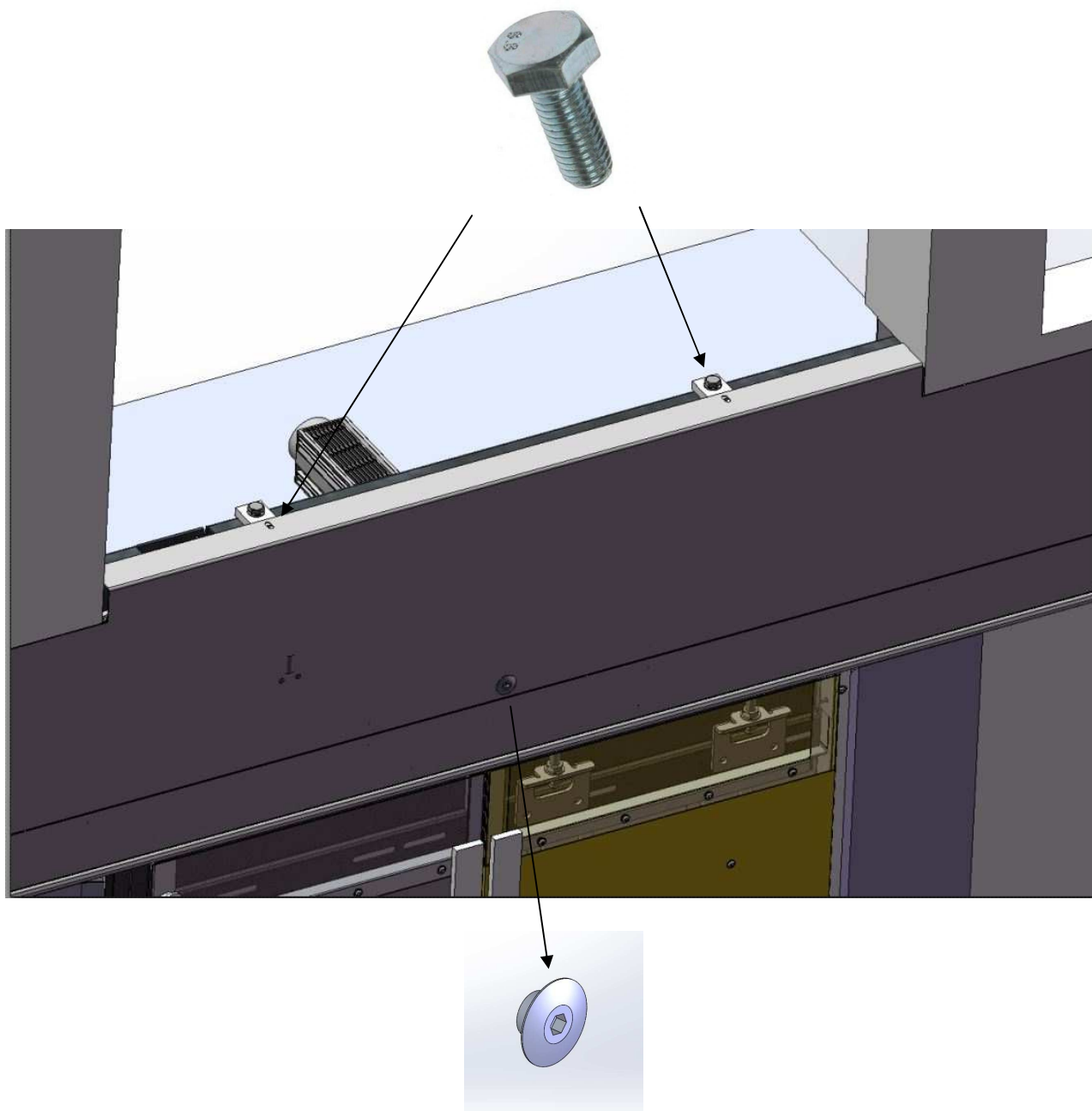
A-A  
SCALE 1 : 2

## TOP COVER INSTALLATION

WITTUR PROVIDE THE  
MECHANISM COVER AS  
SHOWN

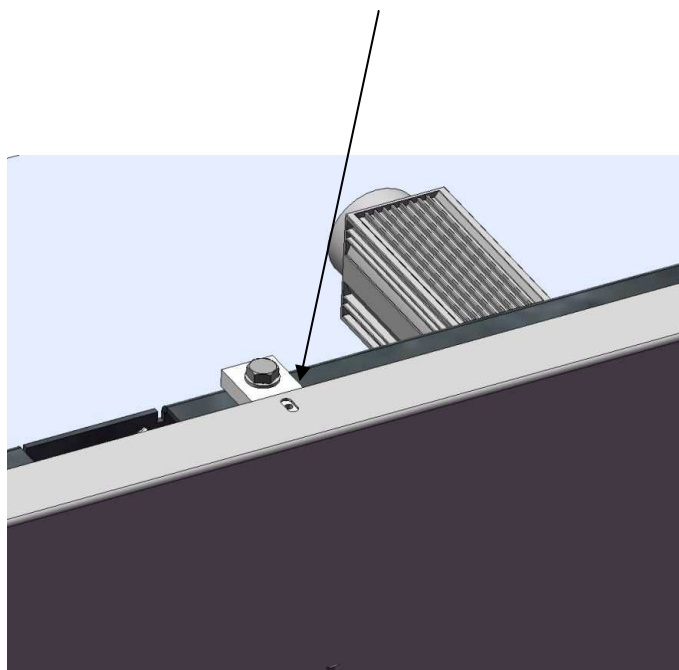


1. REMOVE THE SCREWS ( TOTAL 3 SCREWS ) FROM THE MECHANISM.
2. PUT ON THE COVER
3. FIX IT WHIT THE SAME SCREWS ( REMOVED BEFORE )

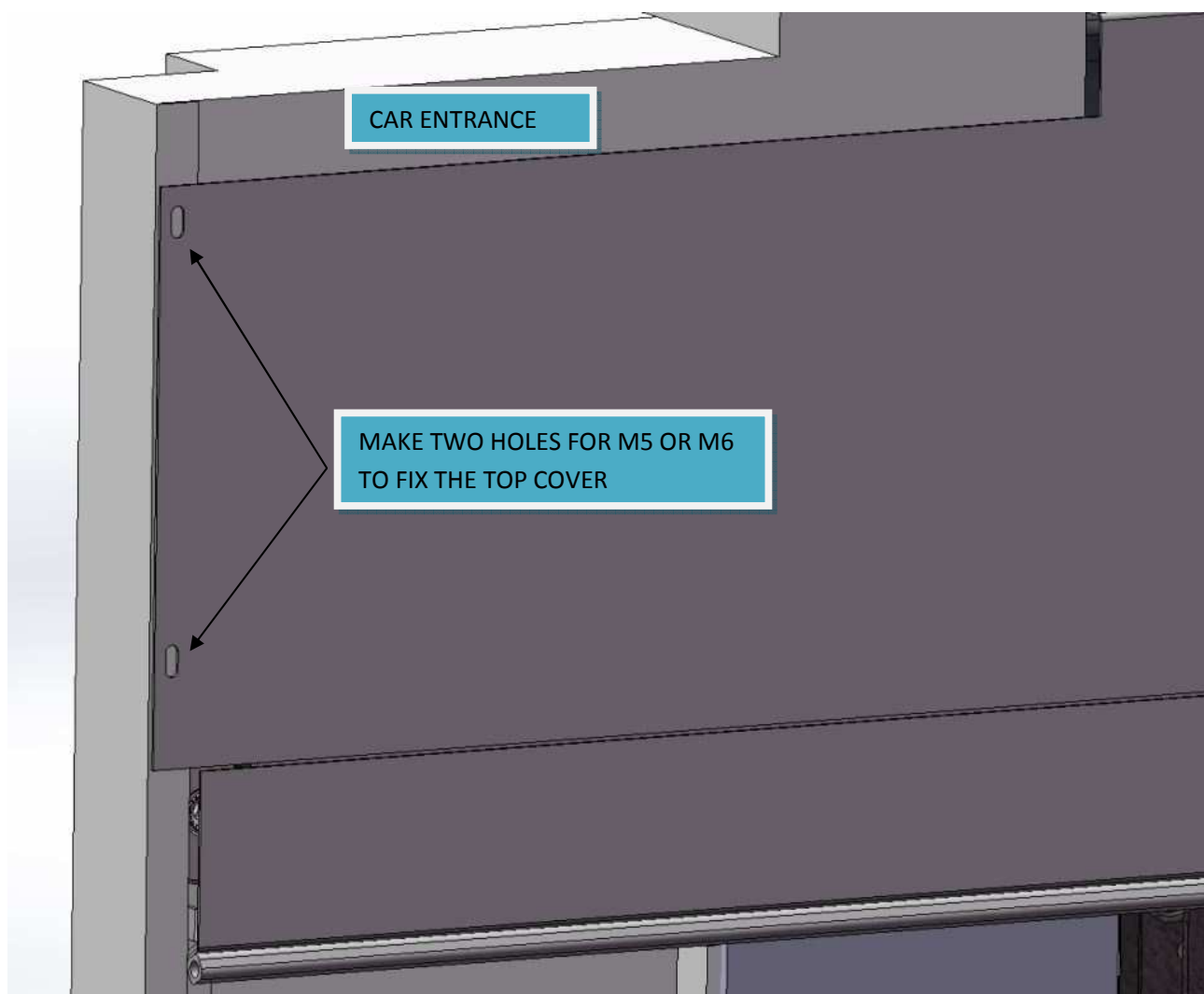


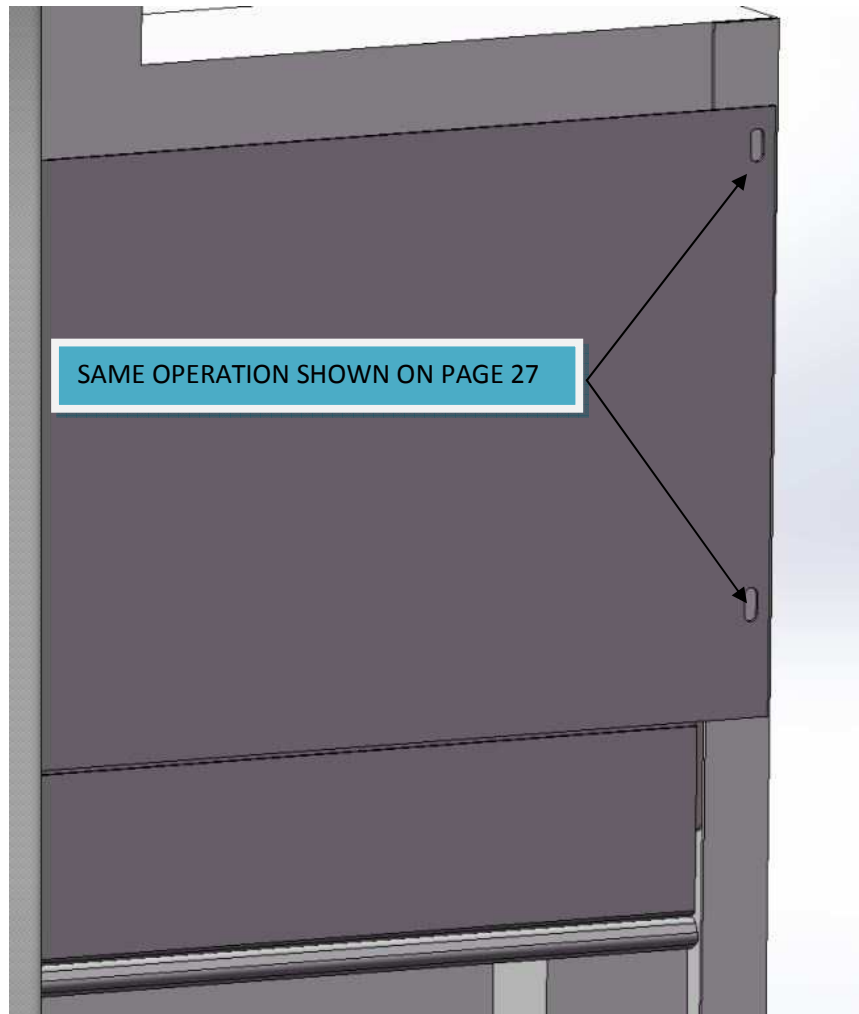


**SCREWS M5 FOR TOP FIXING**

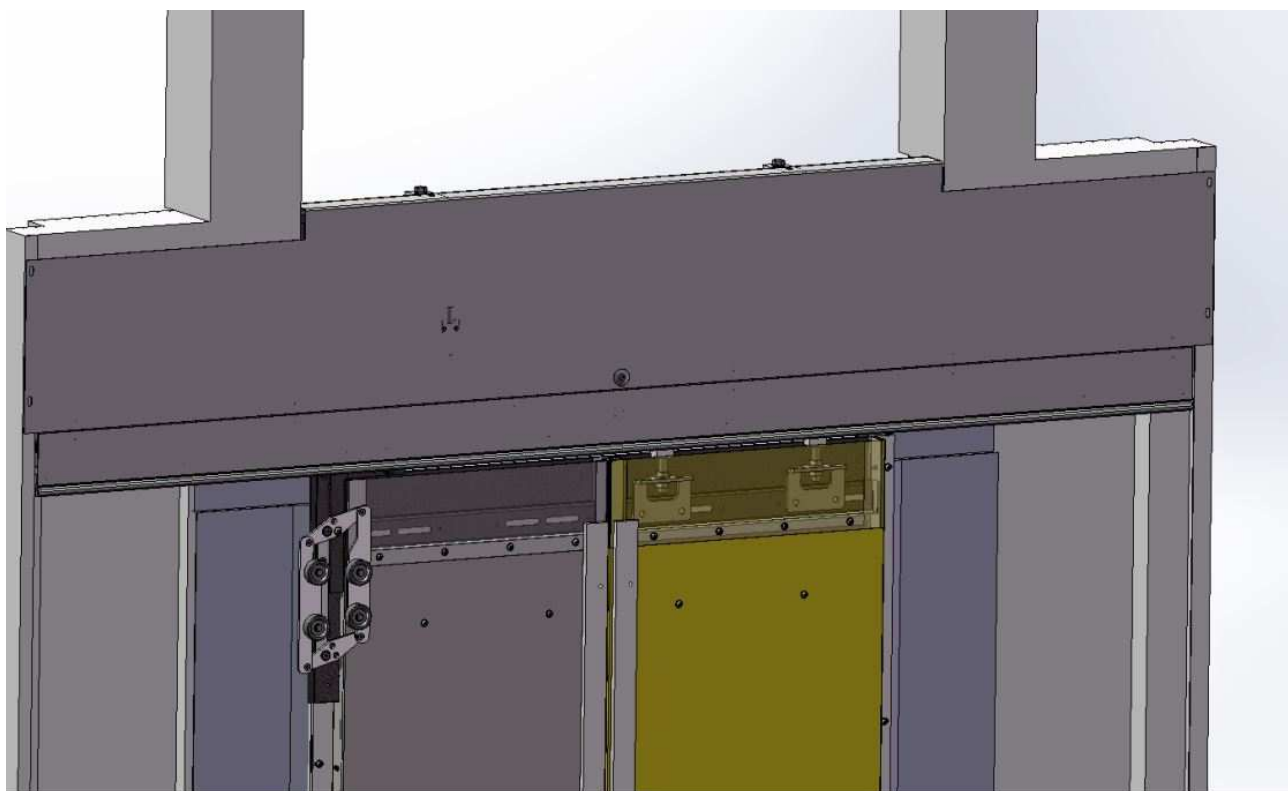


## ACTIVITY TO DO

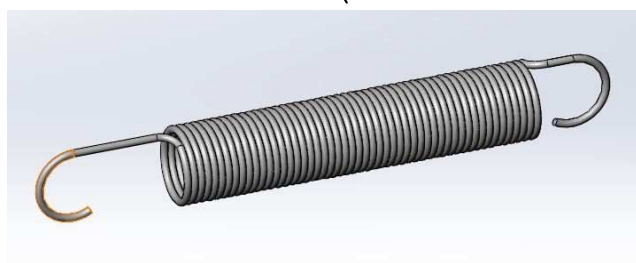
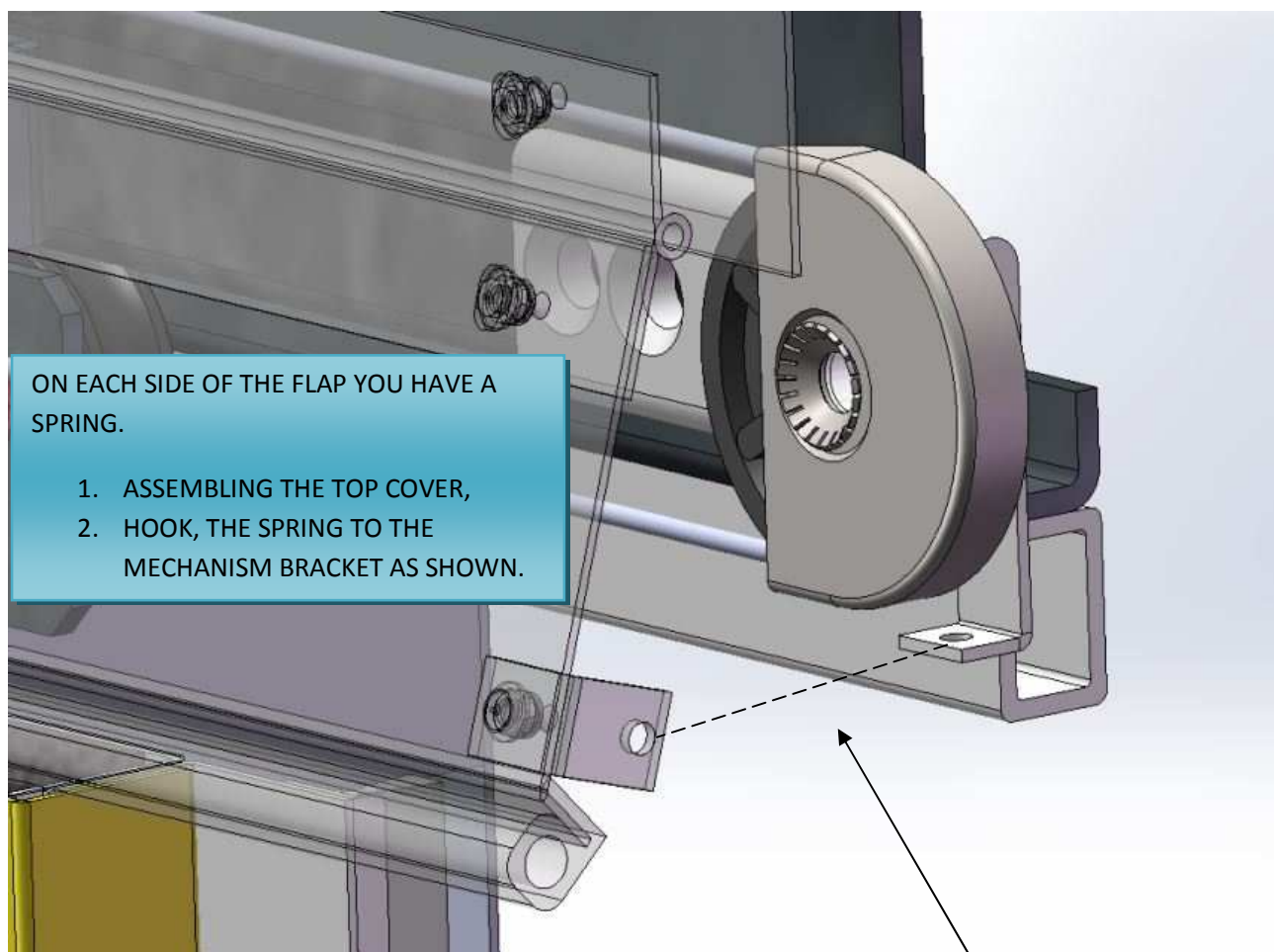




## TOP COVER ASSEMBLED

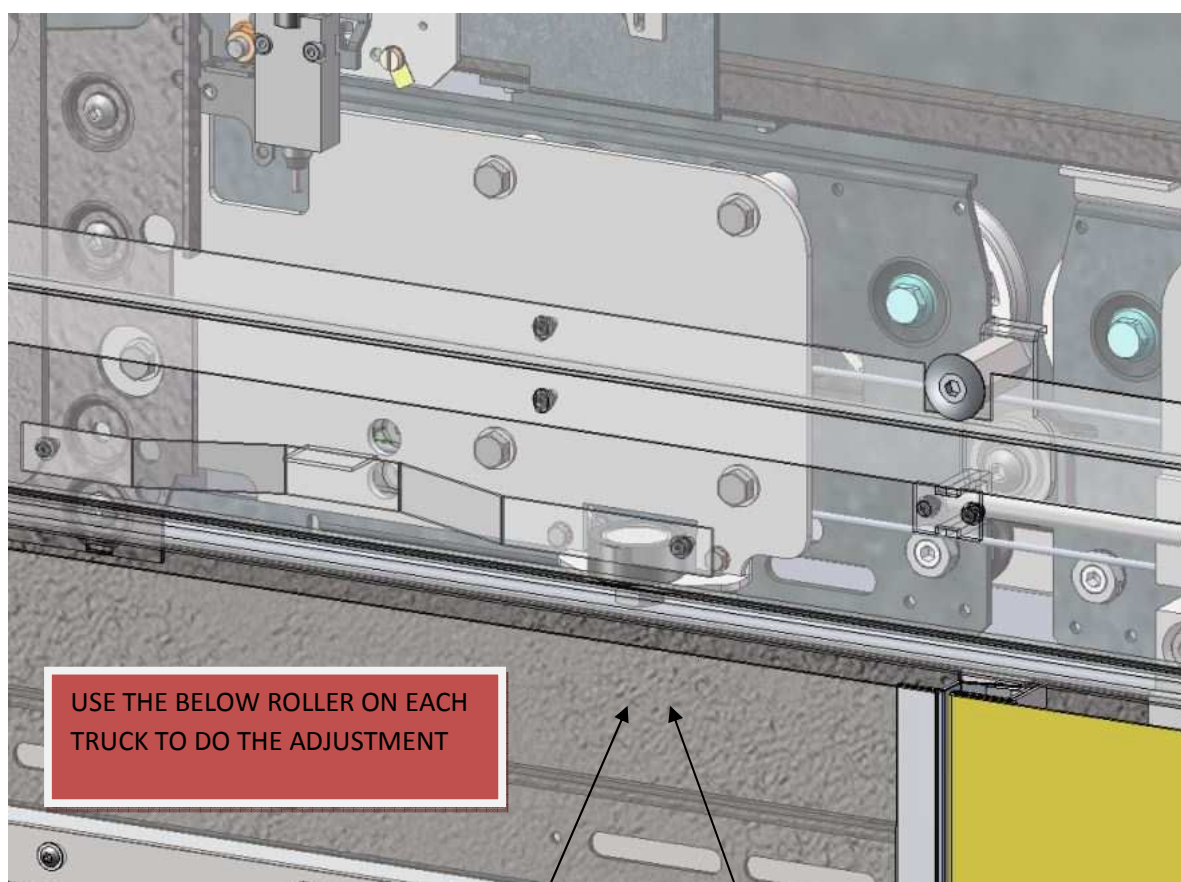


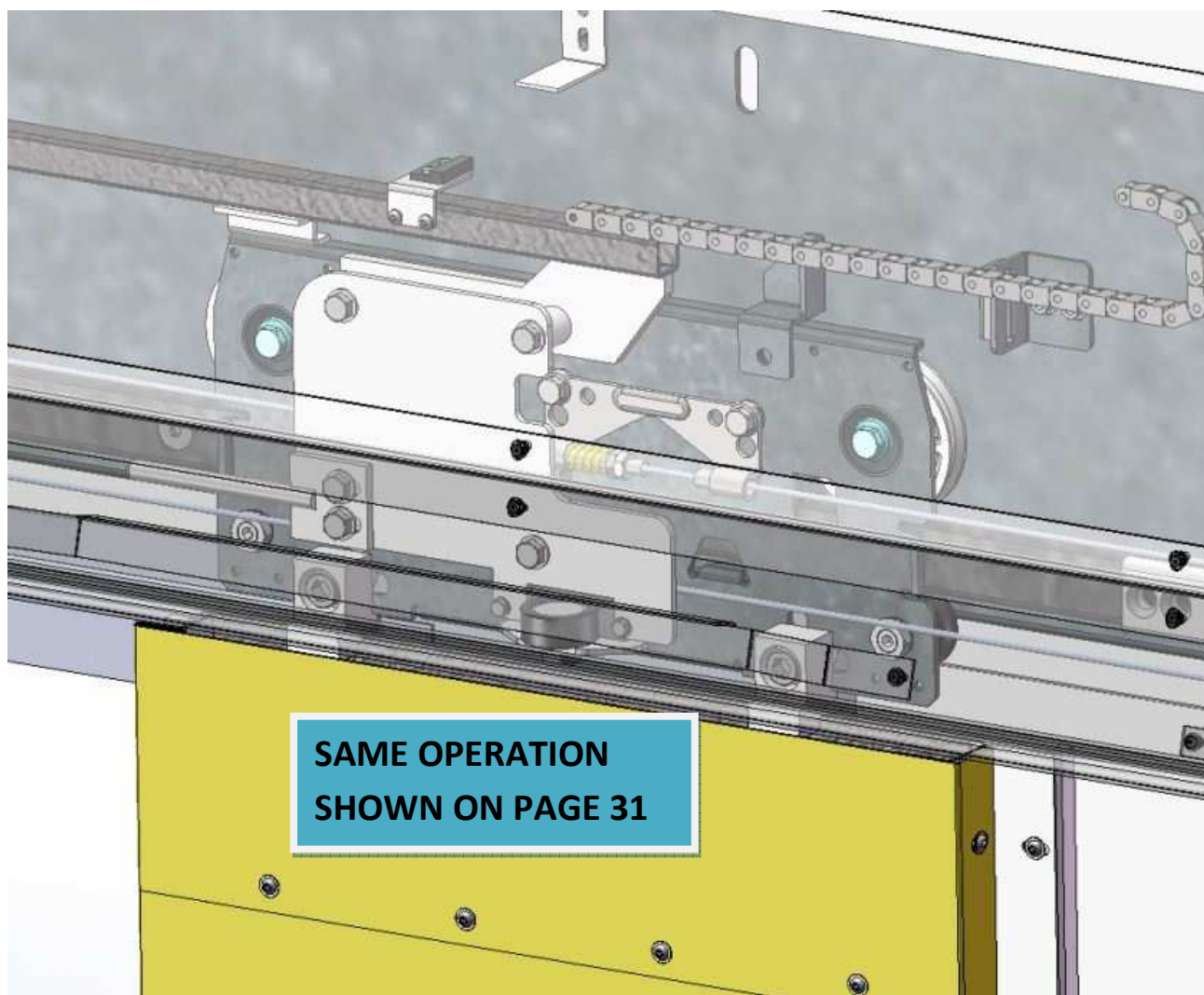
## TOP FLAP INSTALLATION



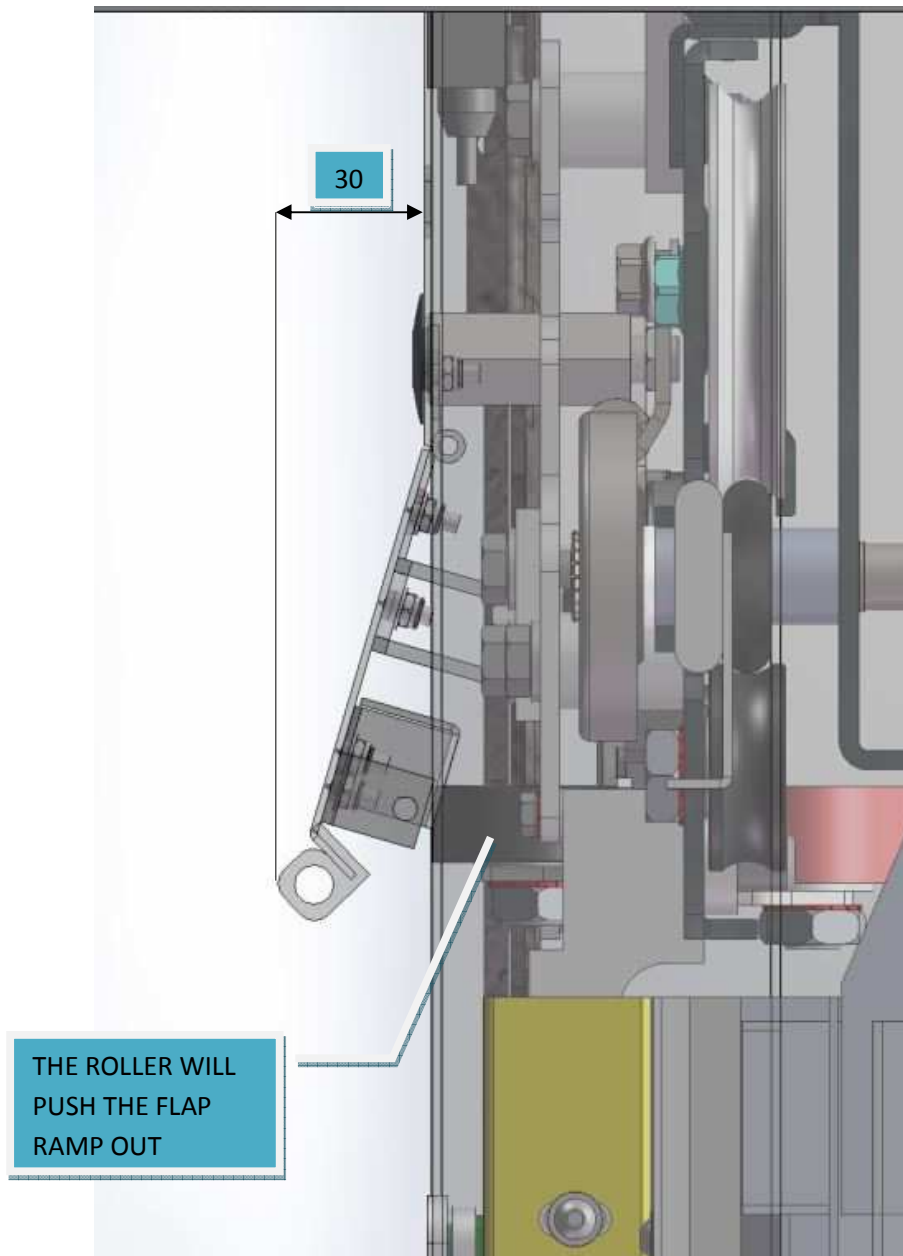


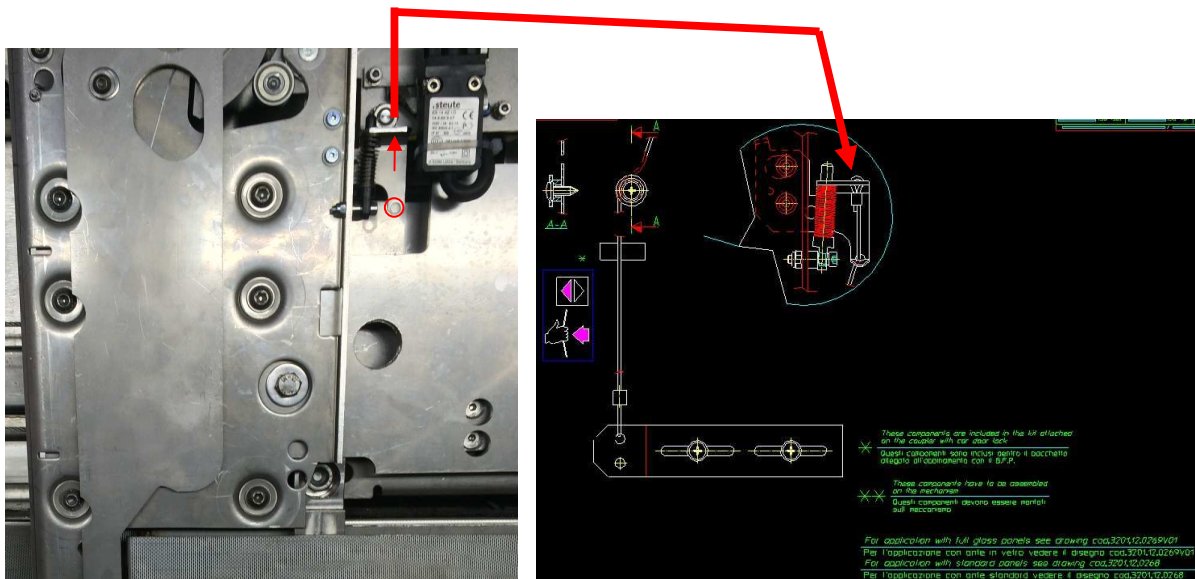
## FLAP OPENING ADJUSTMENT





## FLAP FUNCTIONAL SCHEME





The unlocking device kit is supplied in a kit to be installed on site.

