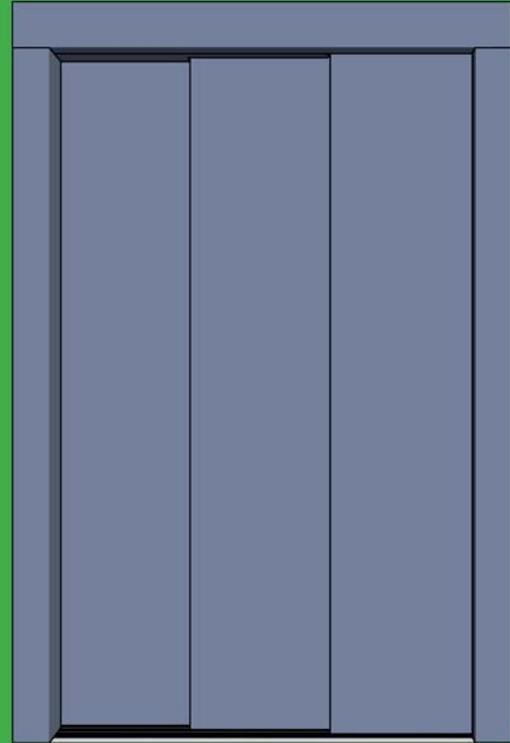




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JOB 318



INSTALLATION & MAINTENANCE GUIDE

Horizontally Opening Product Line

SIDE OPENING

Landing Door and Car Door

REFER TO GUIDE 315
HSD DOOR OPERATOR

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INSTALLATION &
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SIDE OPENING

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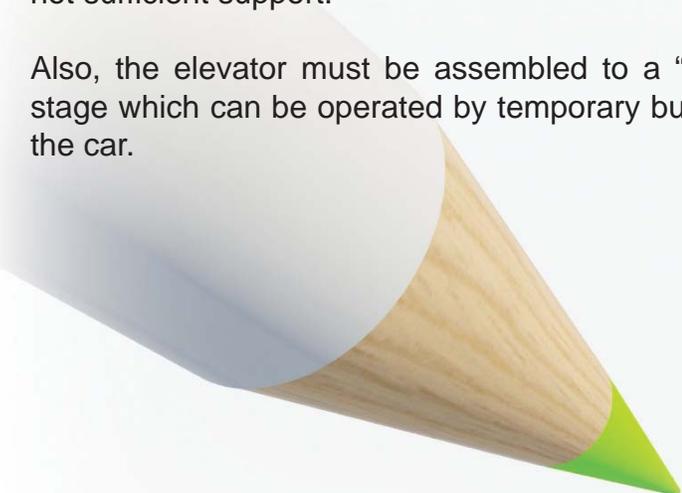
Look for the Blue Box



Job Site Inspection

Before beginning the installation, ensure that the structural opening is the correct size and that there is adequate support for the entrance sill and header. The entrance must attach to masonry or heavy steel struts. Drywall and light steel studs are not sufficient support.

Also, the elevator must be assembled to a “working platform” stage which can be operated by temporary buttons mounted on the car.



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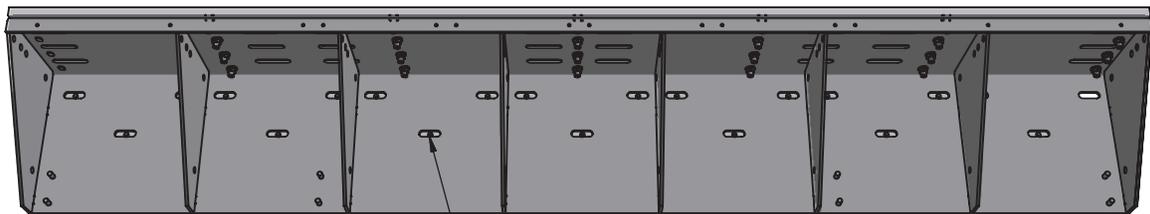
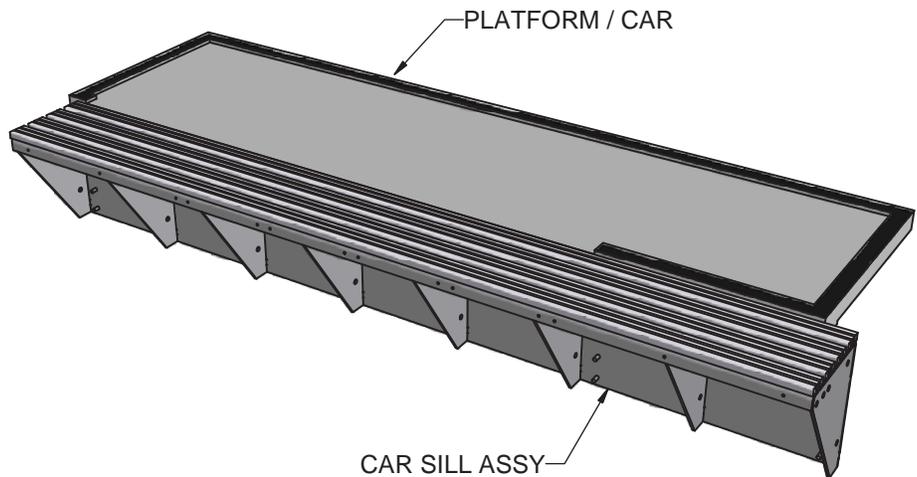
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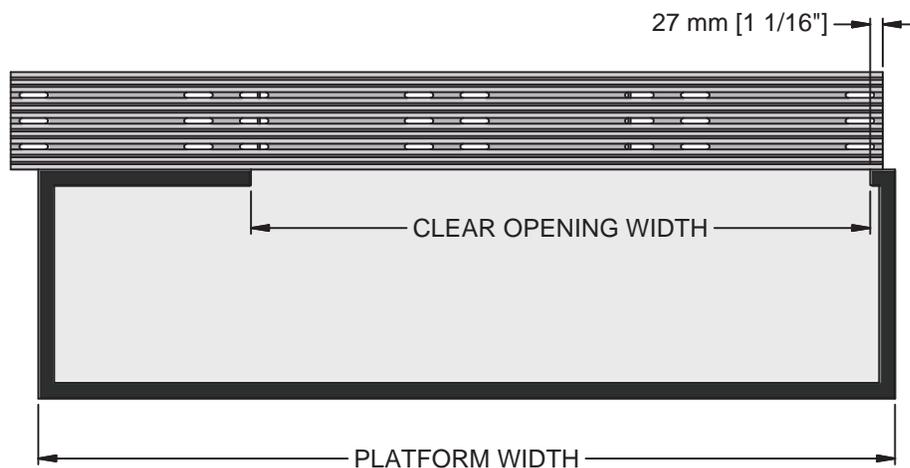
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SIDE OPENING

INSTALL CAR DOOR SILL FIRST



DRILL HOLES FOR MOUNTING IN CENTER OF SLOTS USE EXTRA LARGE OUTSIDE DIAMETER WASHERS WHEN ASSEMBLING



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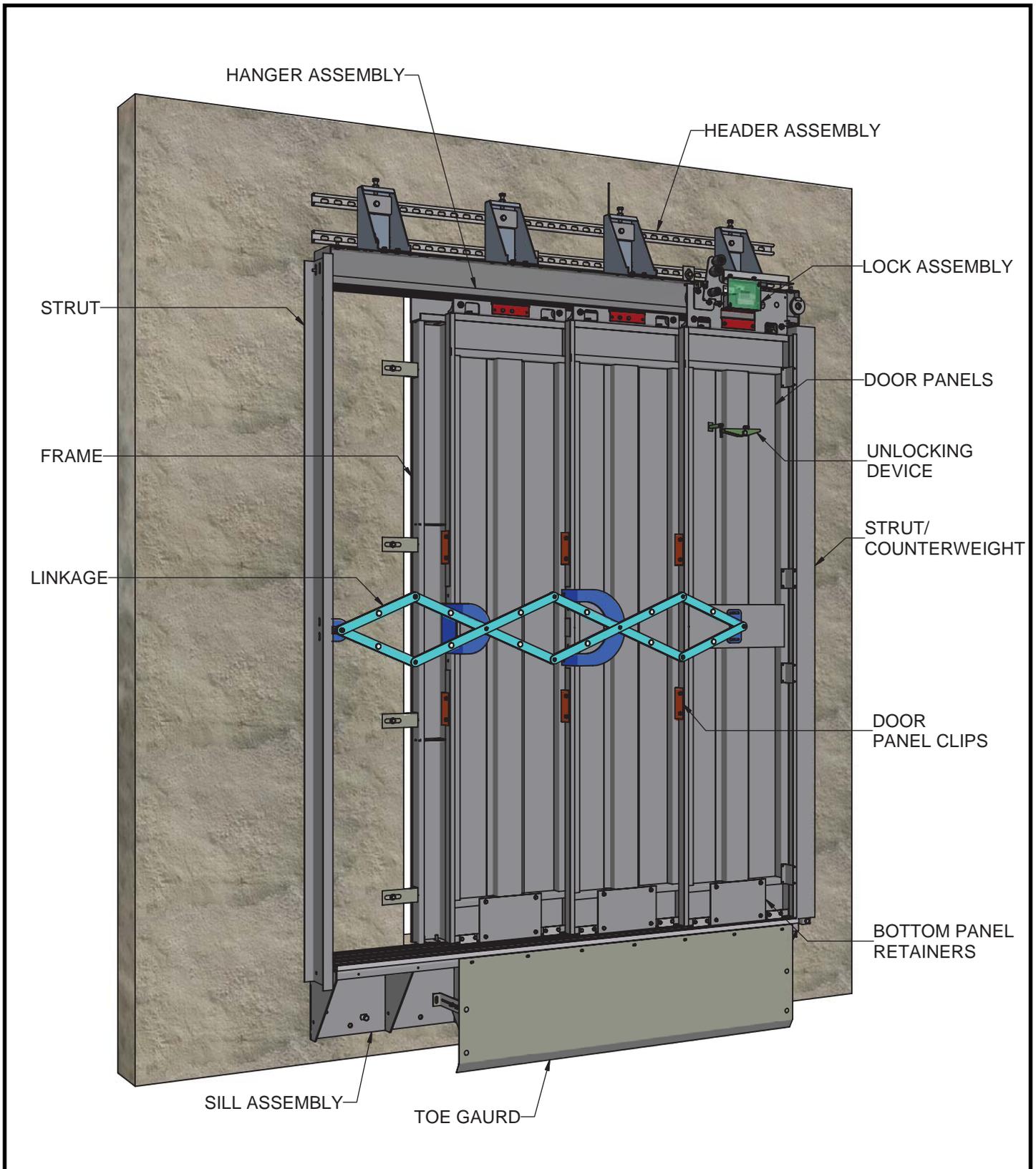
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Landing Door Assembly

HSD Landing Door



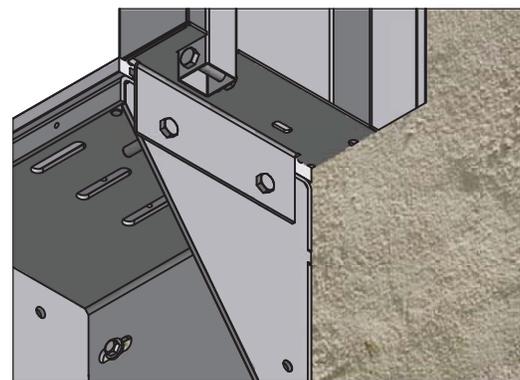
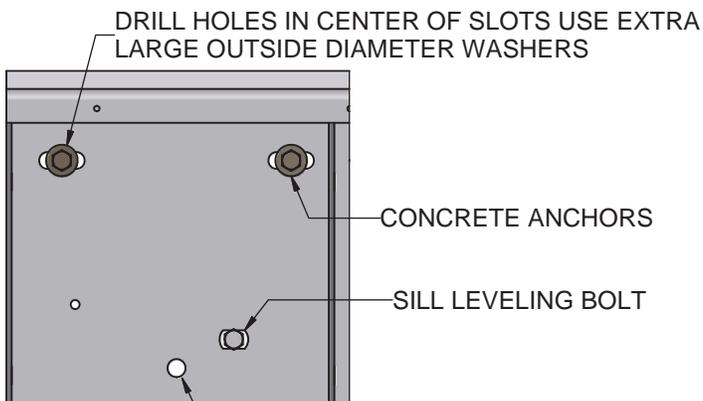
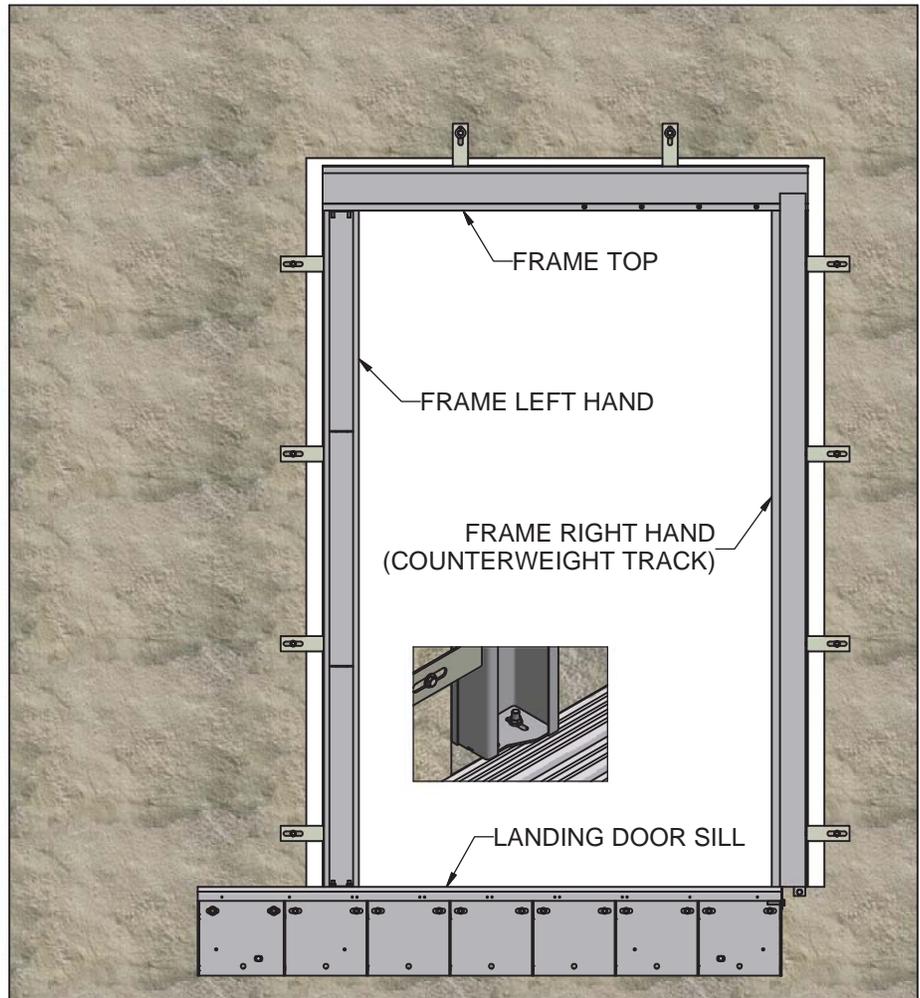
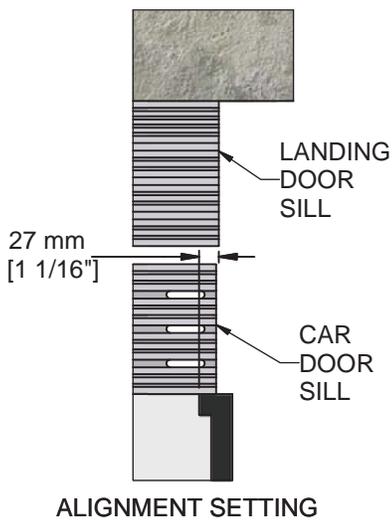
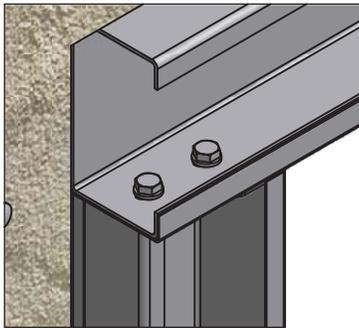
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PIN SILL TO WALL USING CONCRETE ANCHORS AFTER FINAL ALIGNMENT CHECK BETWEEN CAR SILL AND LANDING DOOR SILL IS COMPLETE

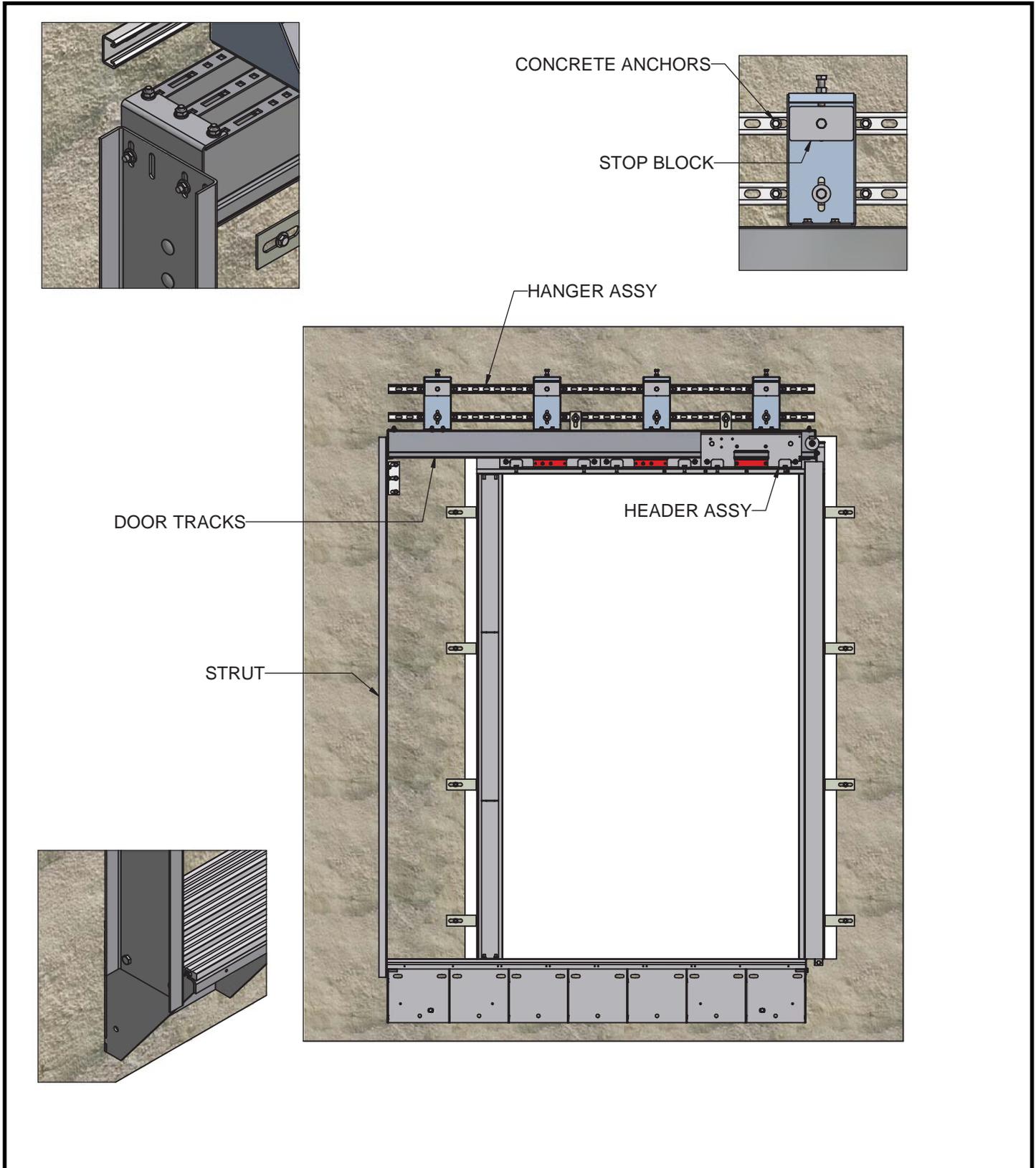


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Landing Door Sill & Header

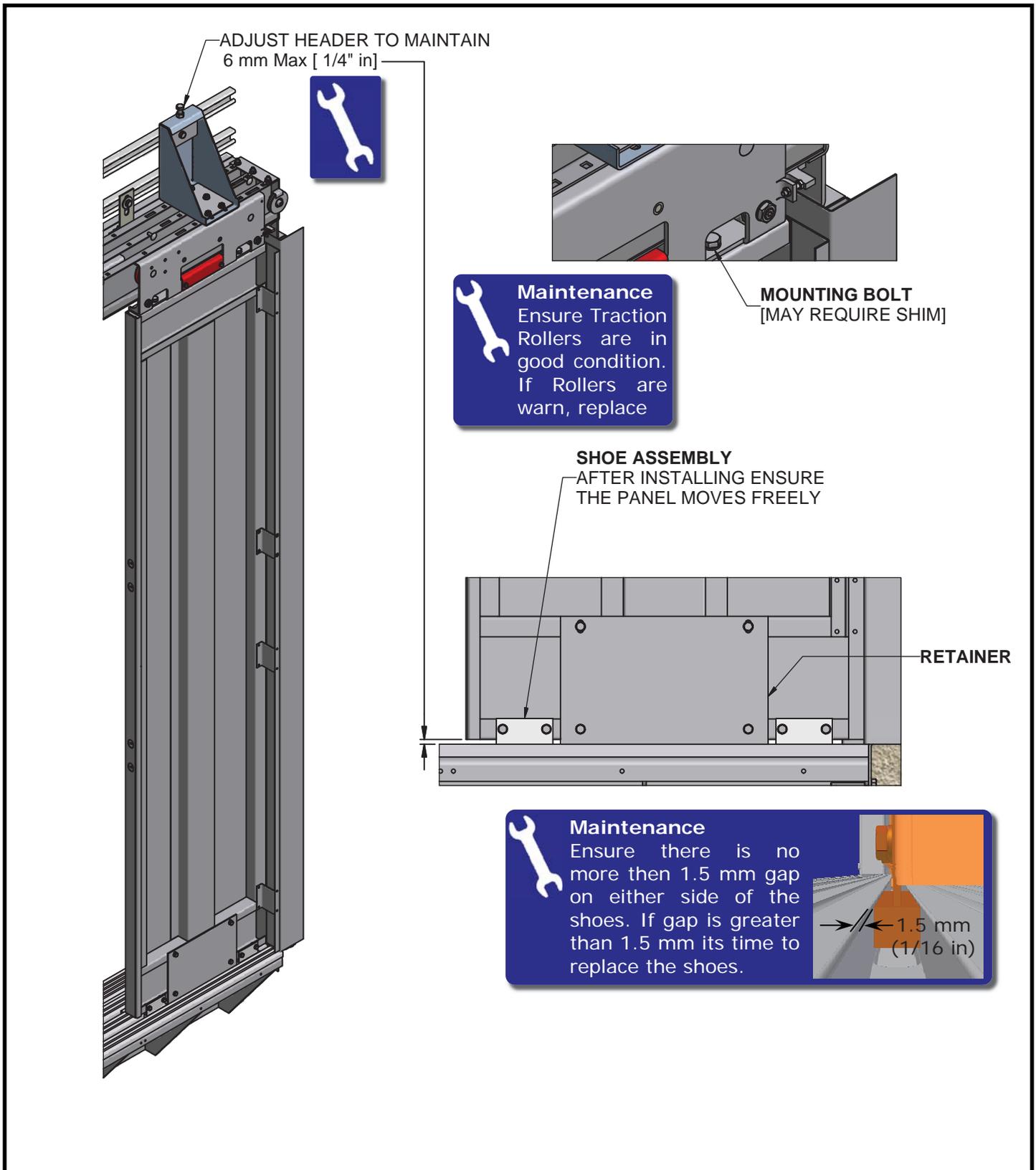
HSD Landing Door



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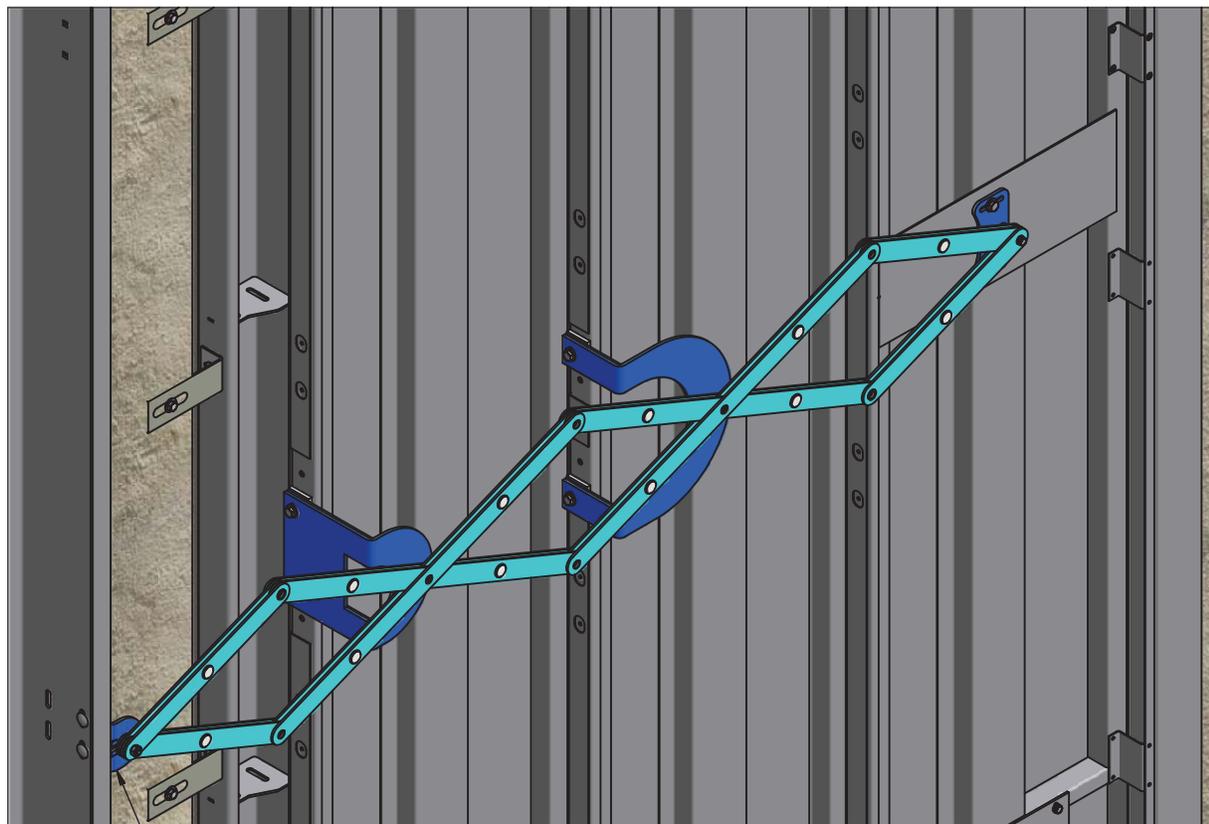
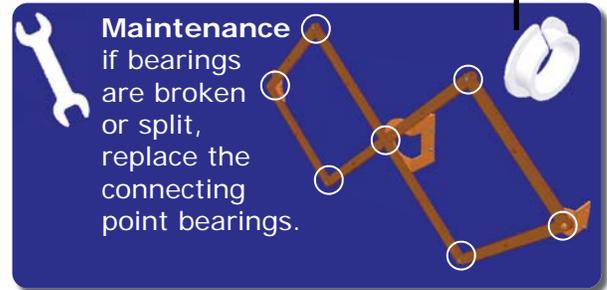
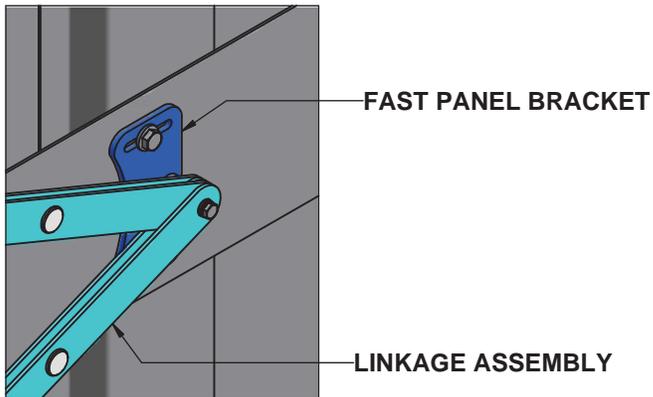
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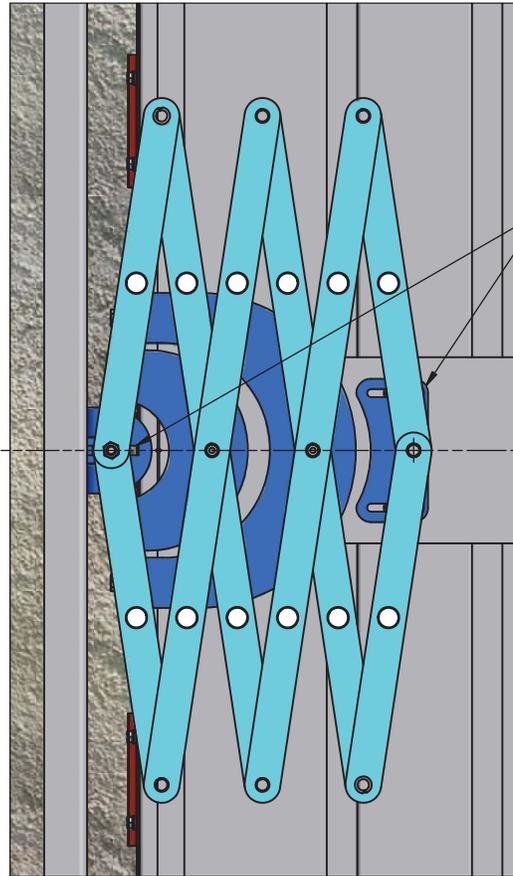
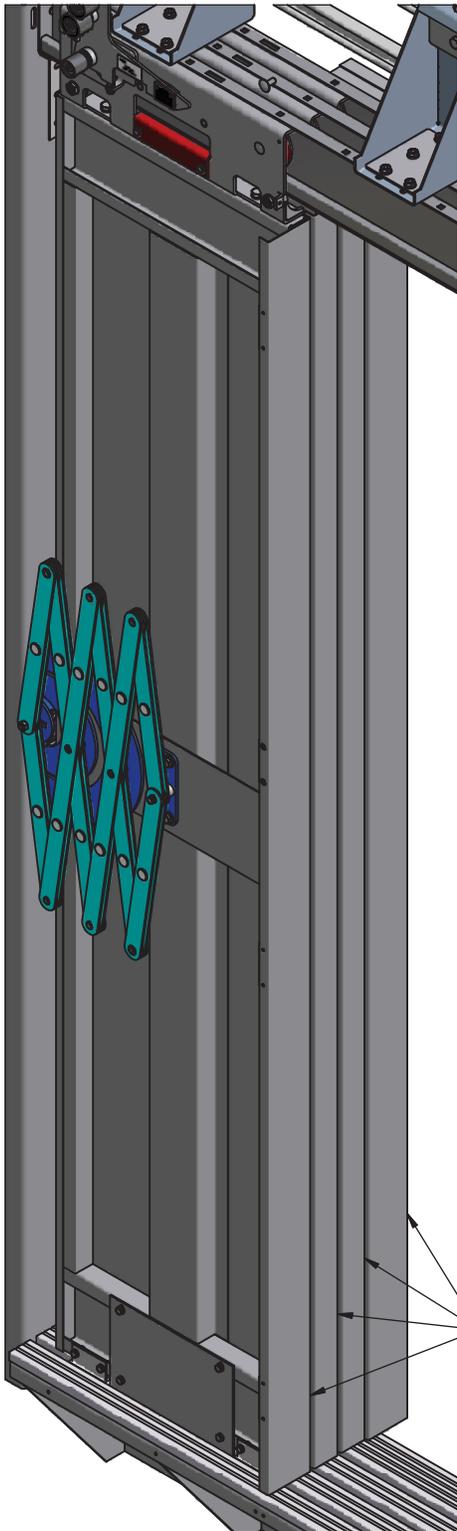
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USE SLOTS FOR ADJUSTMENT

ENSURE BRACKETS ARE IN LINE WHILE DOORS ARE IN THE OPEN AND CLOSED POSITION

ENSURE DOOR PANELS ARE FLUSH WITH THE FRAME WHILE IN THE OPEN POSITION.



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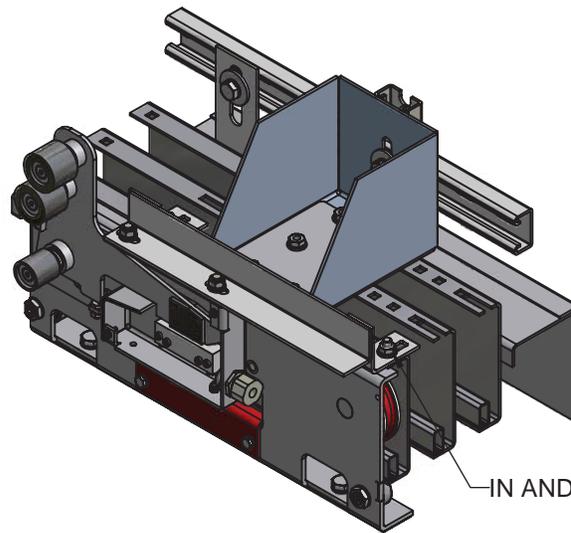
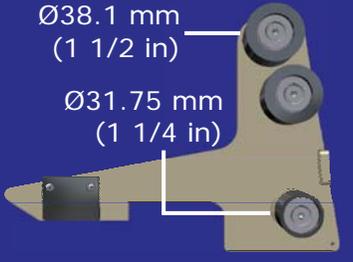
Interlock Mounting

HSD Landing Door

 **Maintenance**
Ensure roller diameters are ± 2 mm.
Ensure rollers are not split or broken.

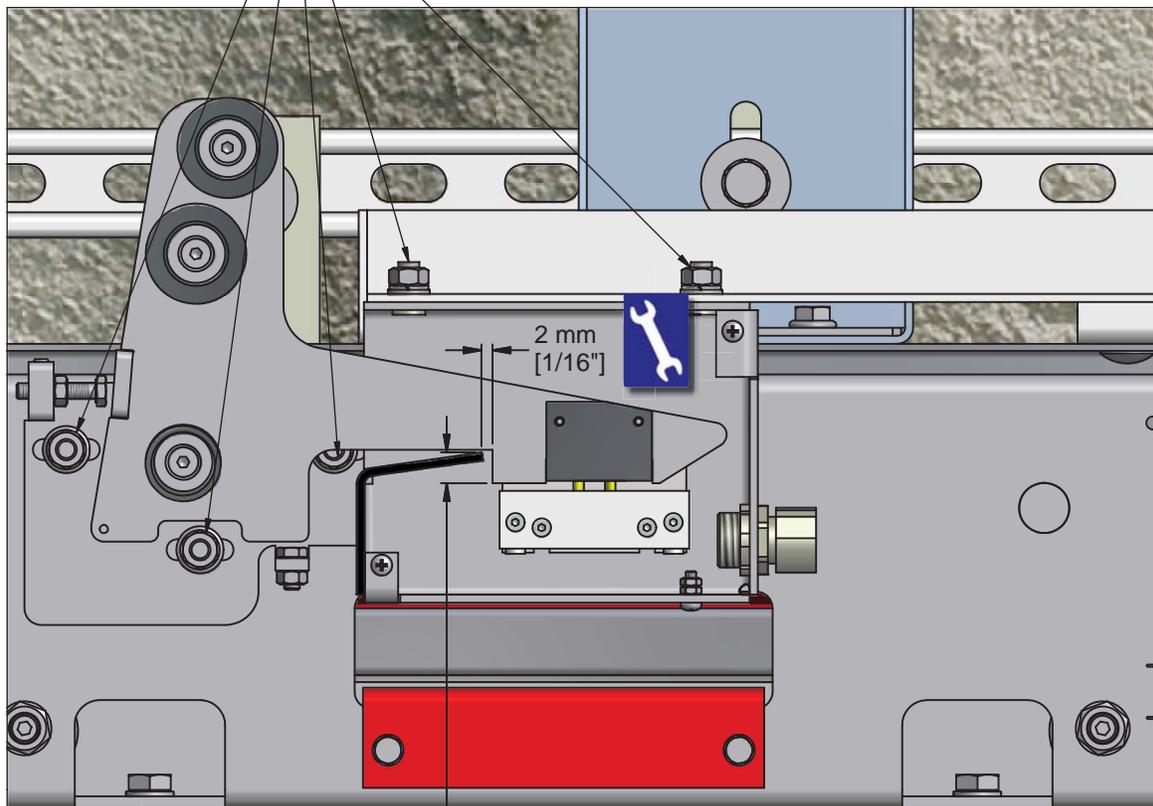
$\text{\O}38.1$ mm
(1 1/2 in)

$\text{\O}31.75$ mm
(1 1/4 in)



IN AND OUT ADJUSTMENT

SIDE TO SIDE ADJUSTMENT



2 mm
[1/16"]

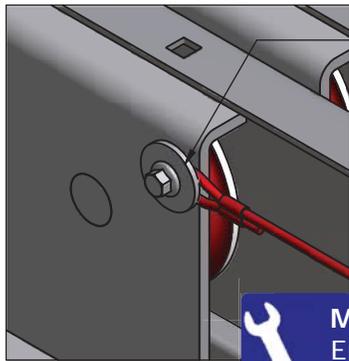


7 mm [1/4"]
ENGAGE DISTANCE



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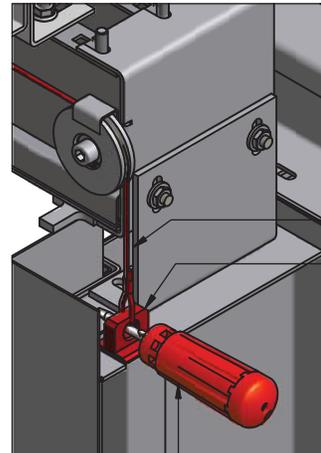
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ATTACH CABLE TO DOOR FAST DOOR PANEL

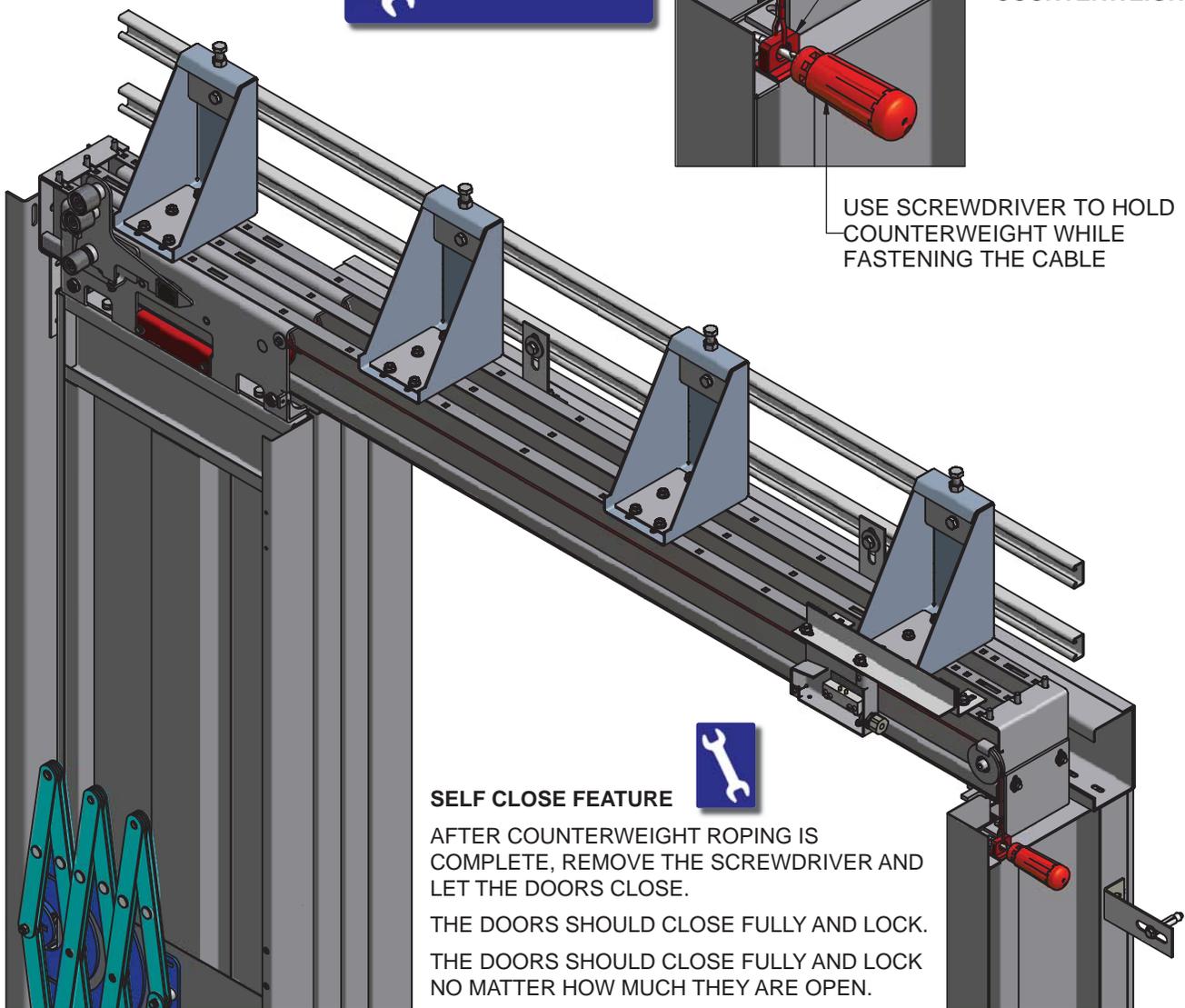


Maintenance
Ensure cable is
taught (no sag)



CABLE
COUNTERWEIGHT

USE SCREWDRIVER TO HOLD
COUNTERWEIGHT WHILE
FASTENING THE CABLE



SELF CLOSE FEATURE

AFTER COUNTERWEIGHT ROPING IS COMPLETE, REMOVE THE SCREWDRIVER AND LET THE DOORS CLOSE.

THE DOORS SHOULD CLOSE FULLY AND LOCK.

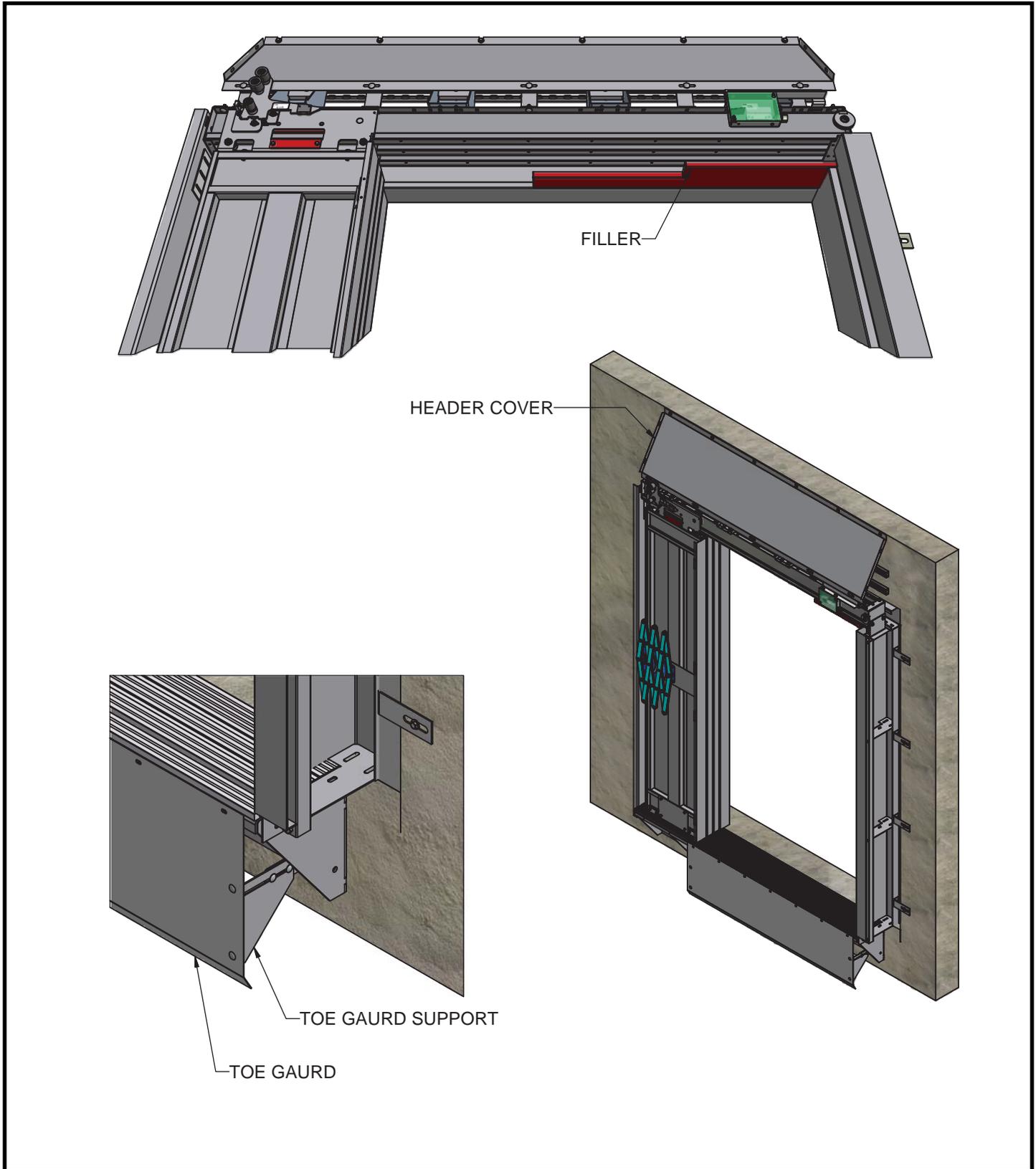
THE DOORS SHOULD CLOSE FULLY AND LOCK NO MATTER HOW MUCH THEY ARE OPEN.

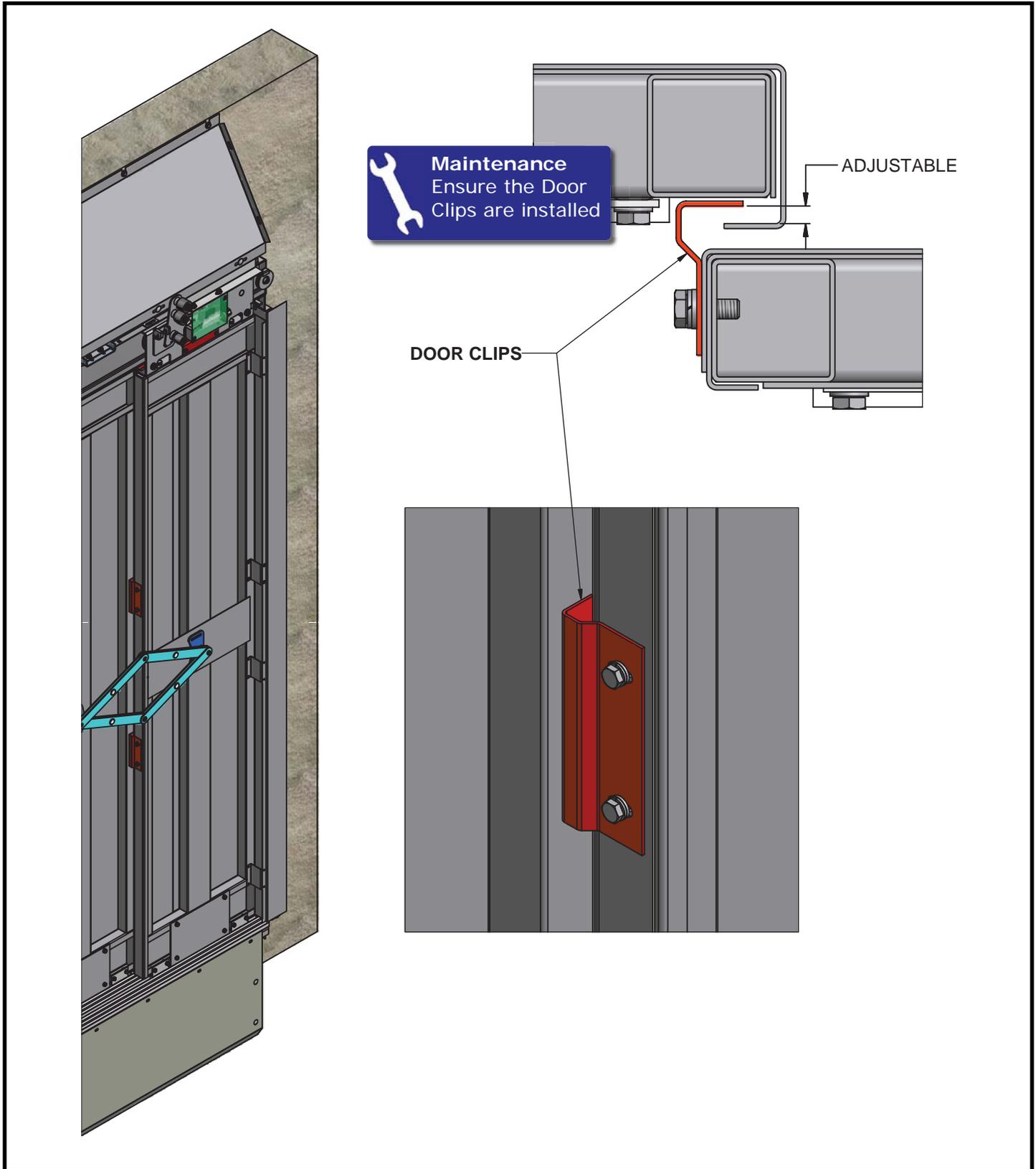


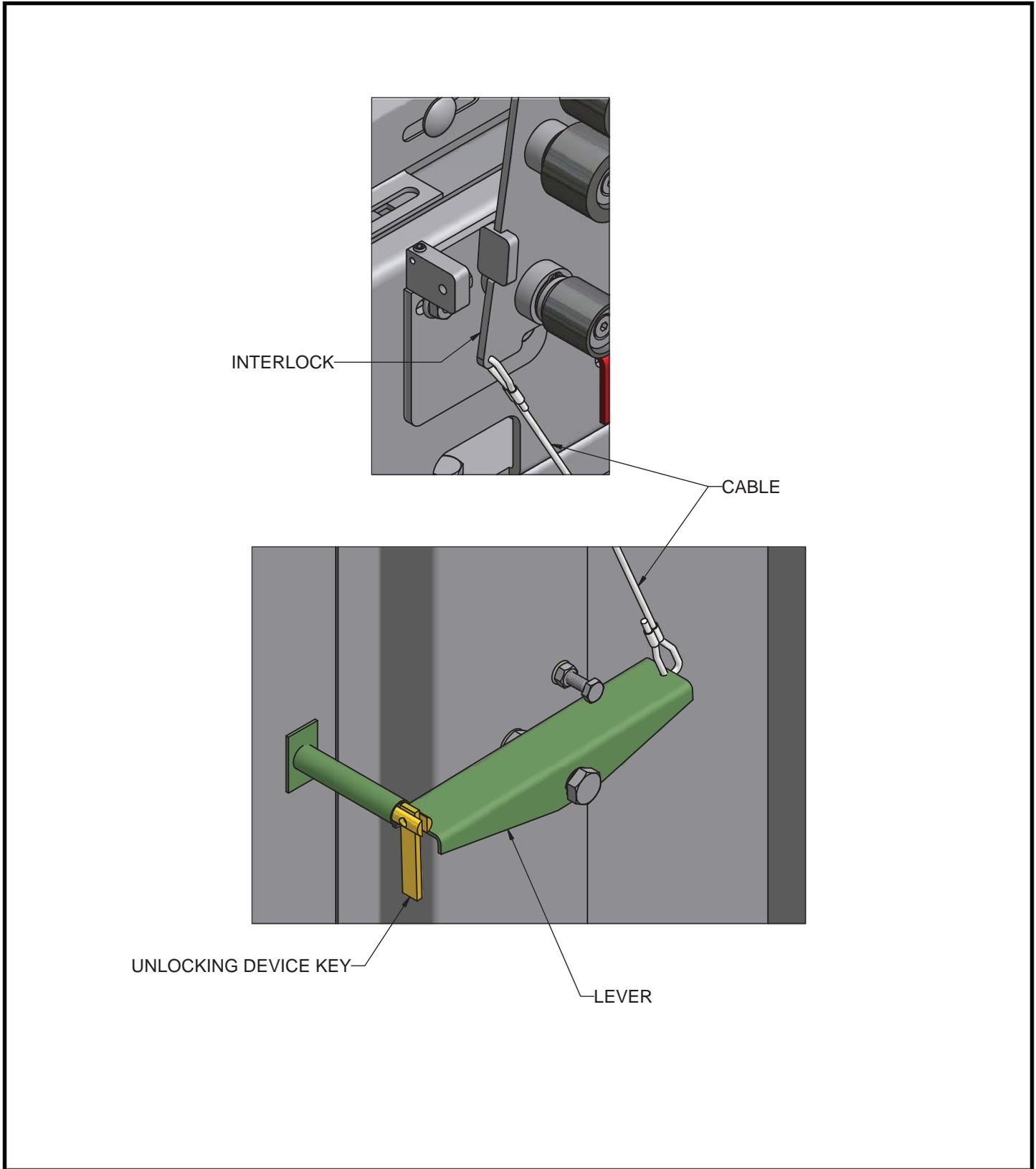
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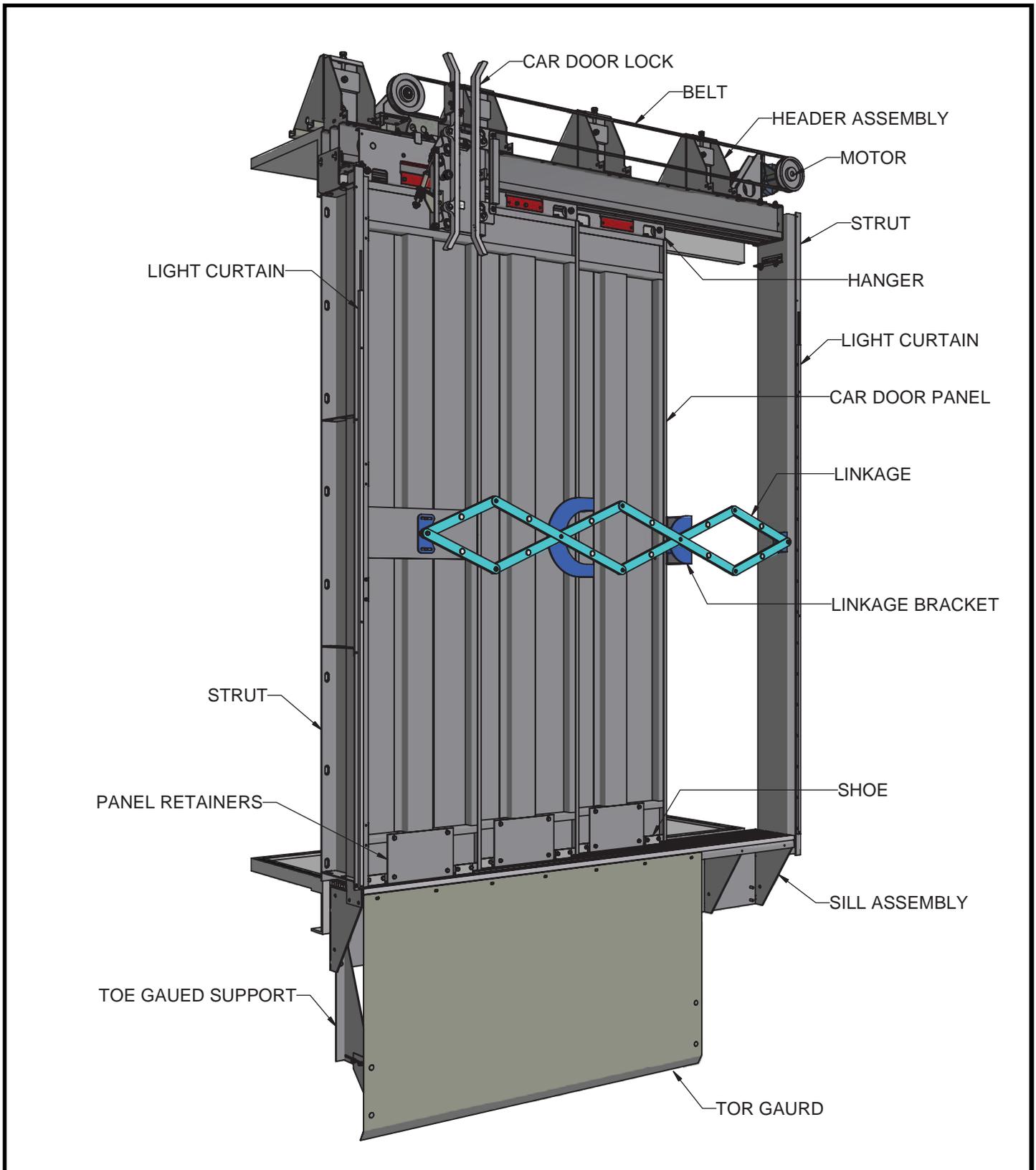
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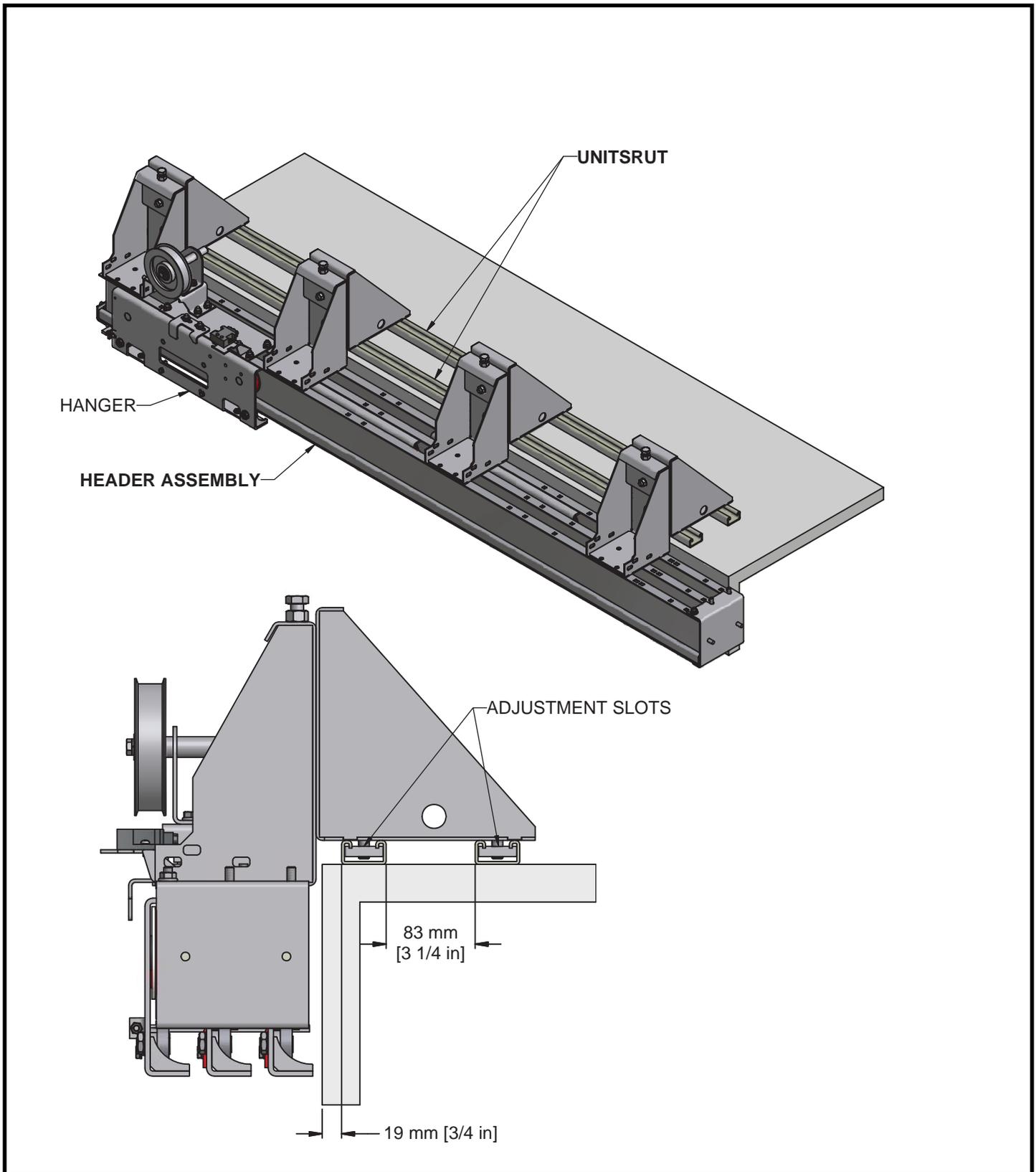






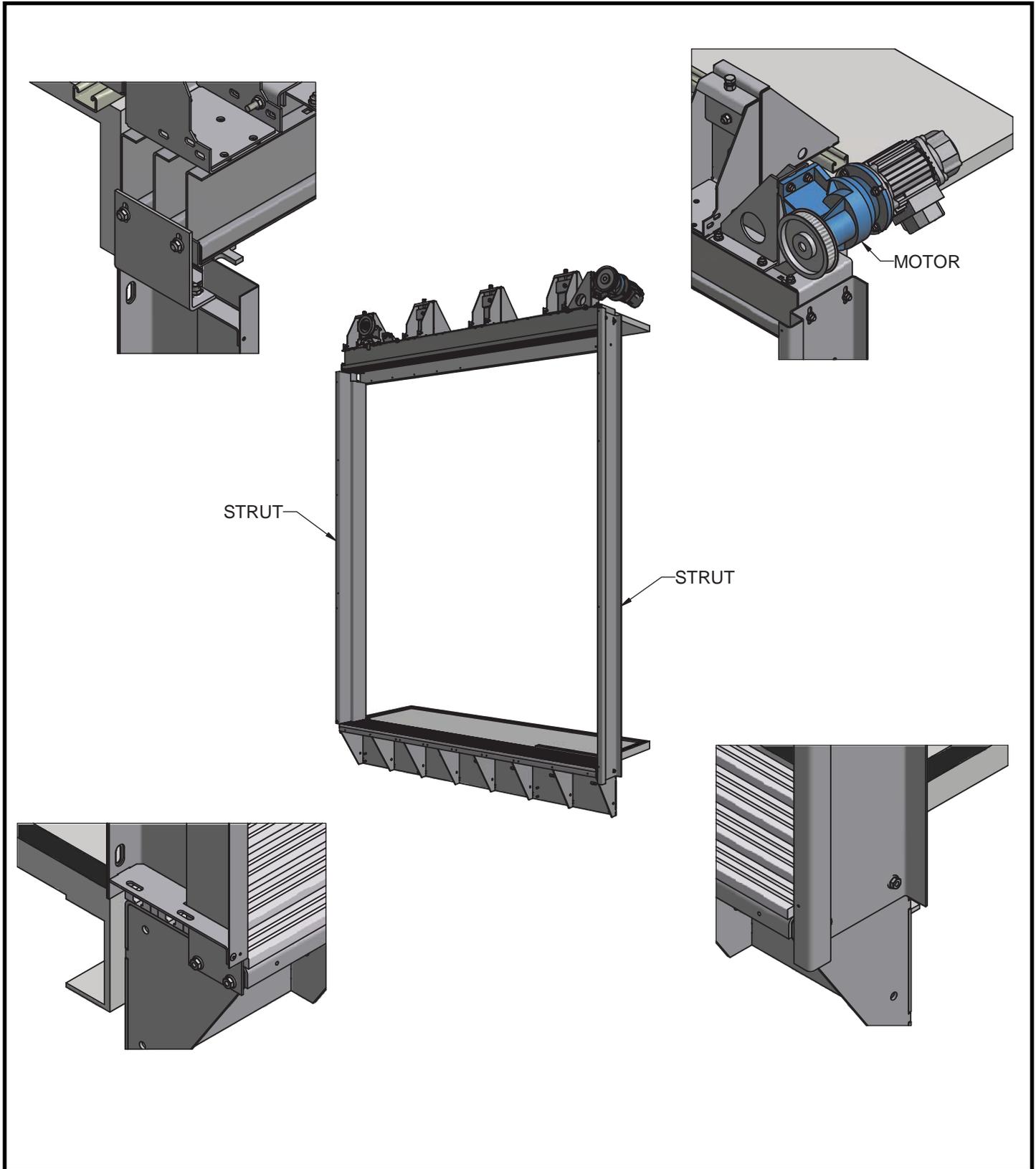
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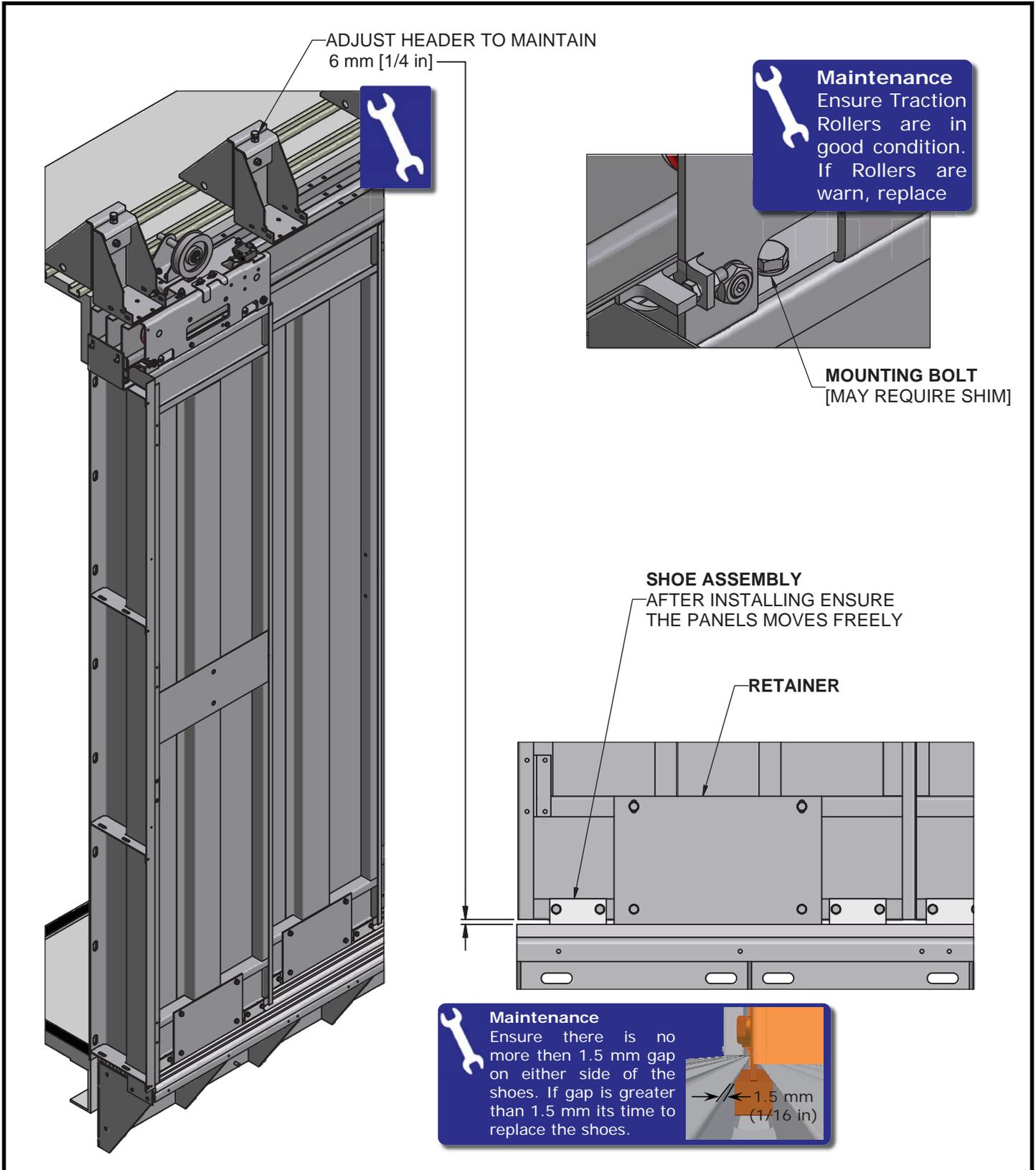
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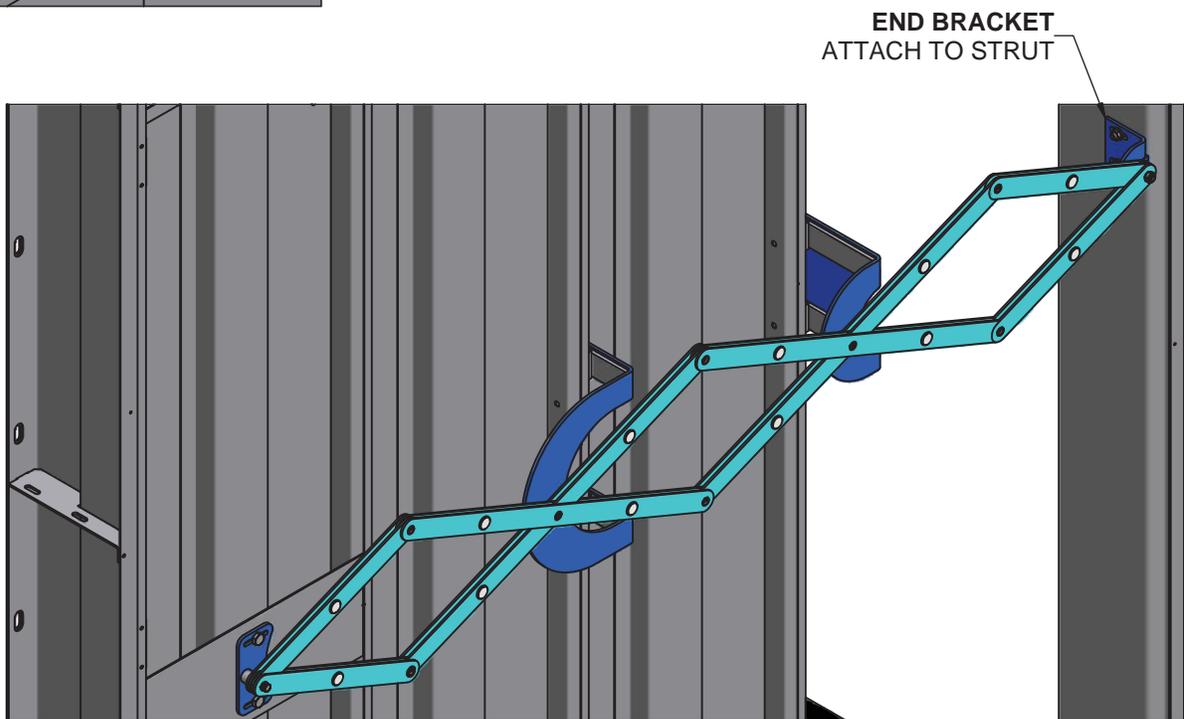
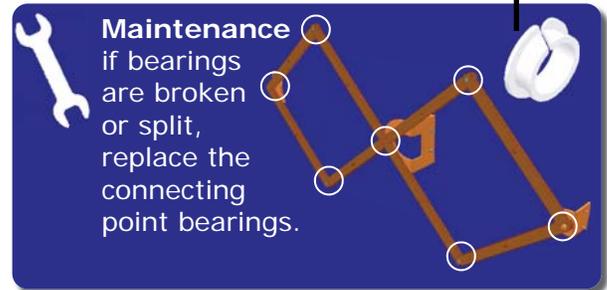
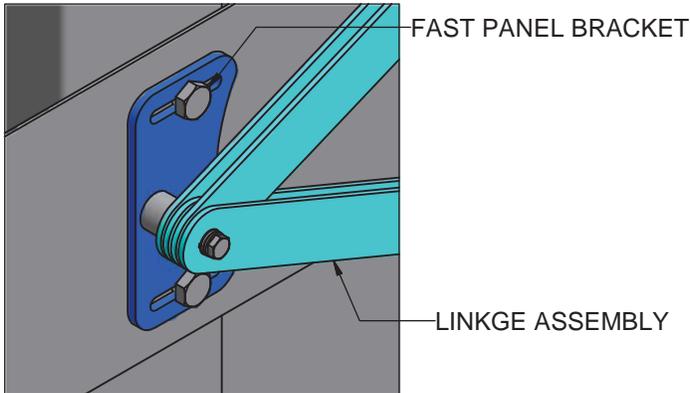
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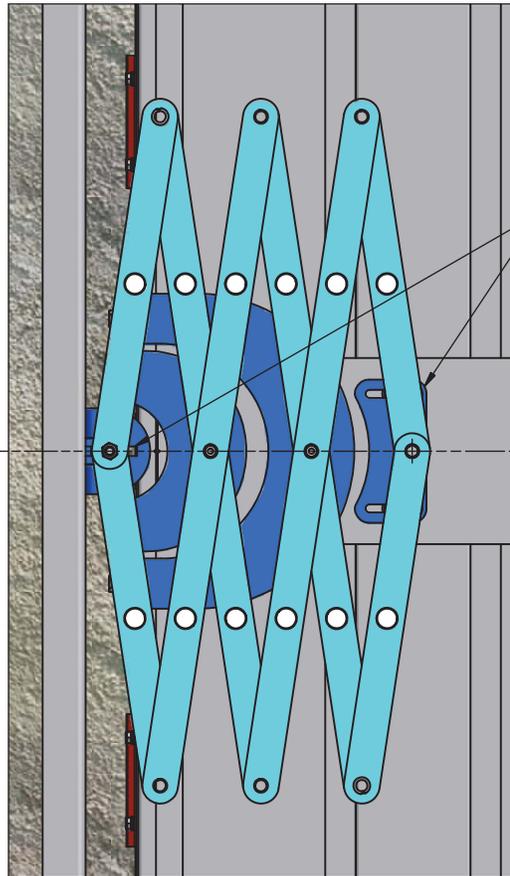
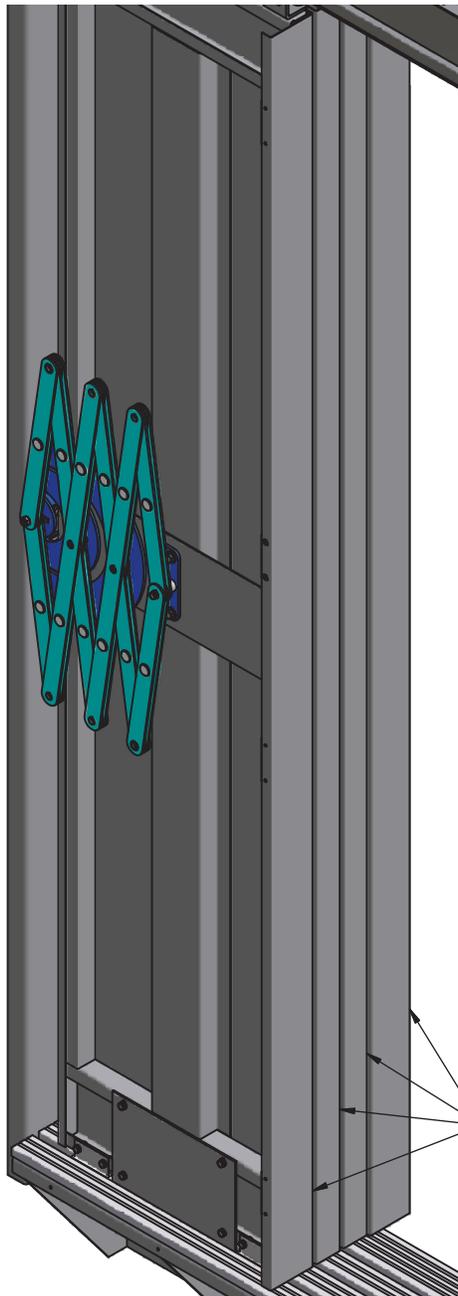
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USE SLOTS FOR ADJUSTMENT

ENSURE BRACKETS ARE IN LINE WHILE DOORS ARE IN THE OPEN AND CLOSED POSITION

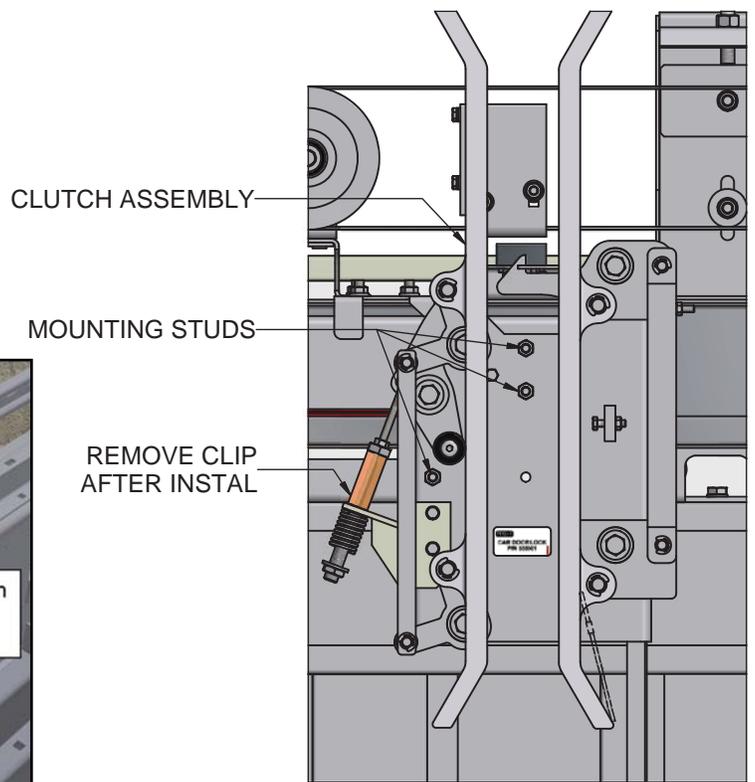
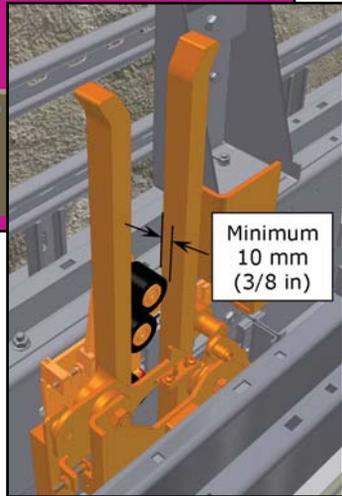
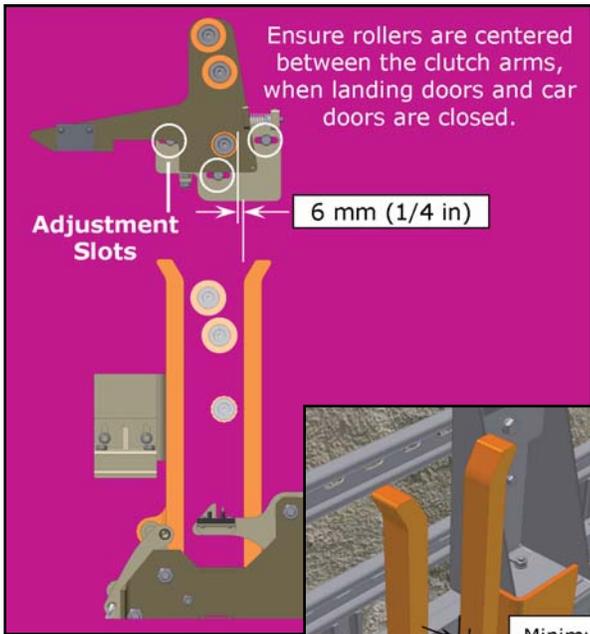
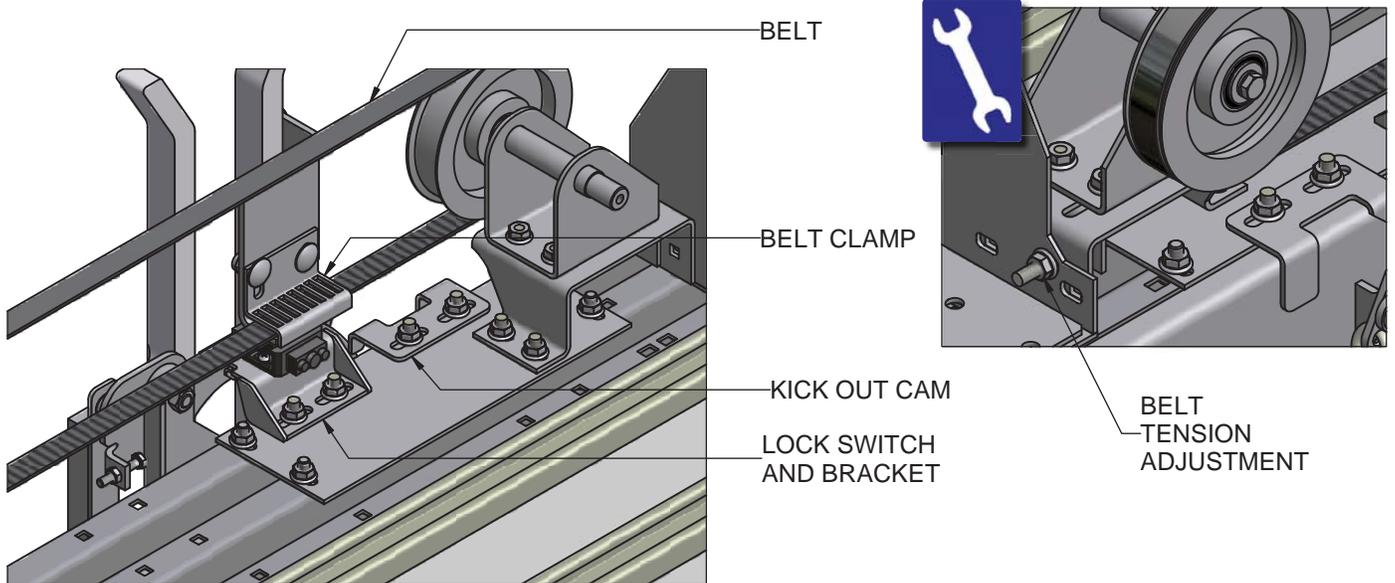
ENSURE DOOR PANELS ARE FLUSH WITH THE FRAME WHILE IN THE OPEN POSITION.

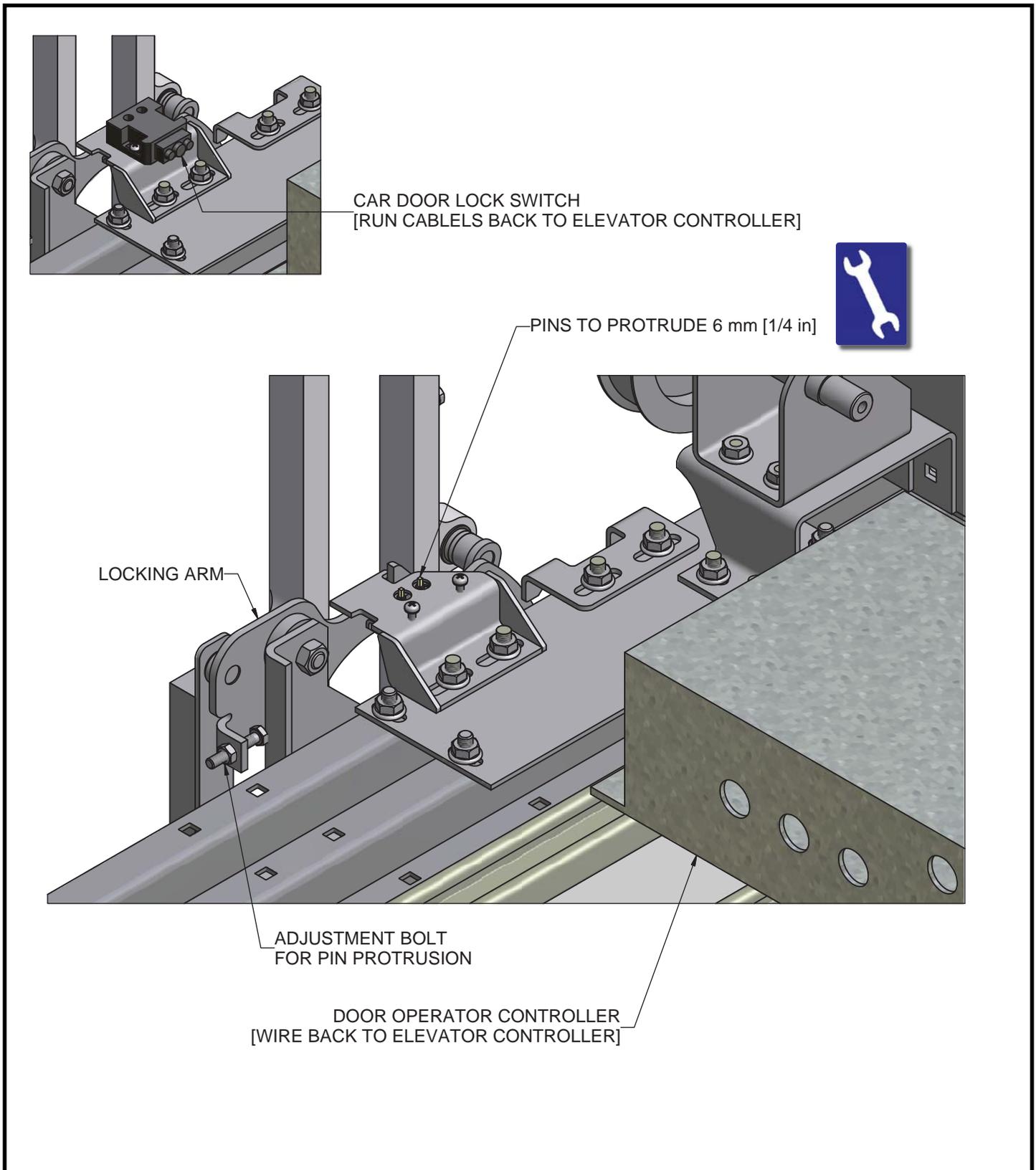


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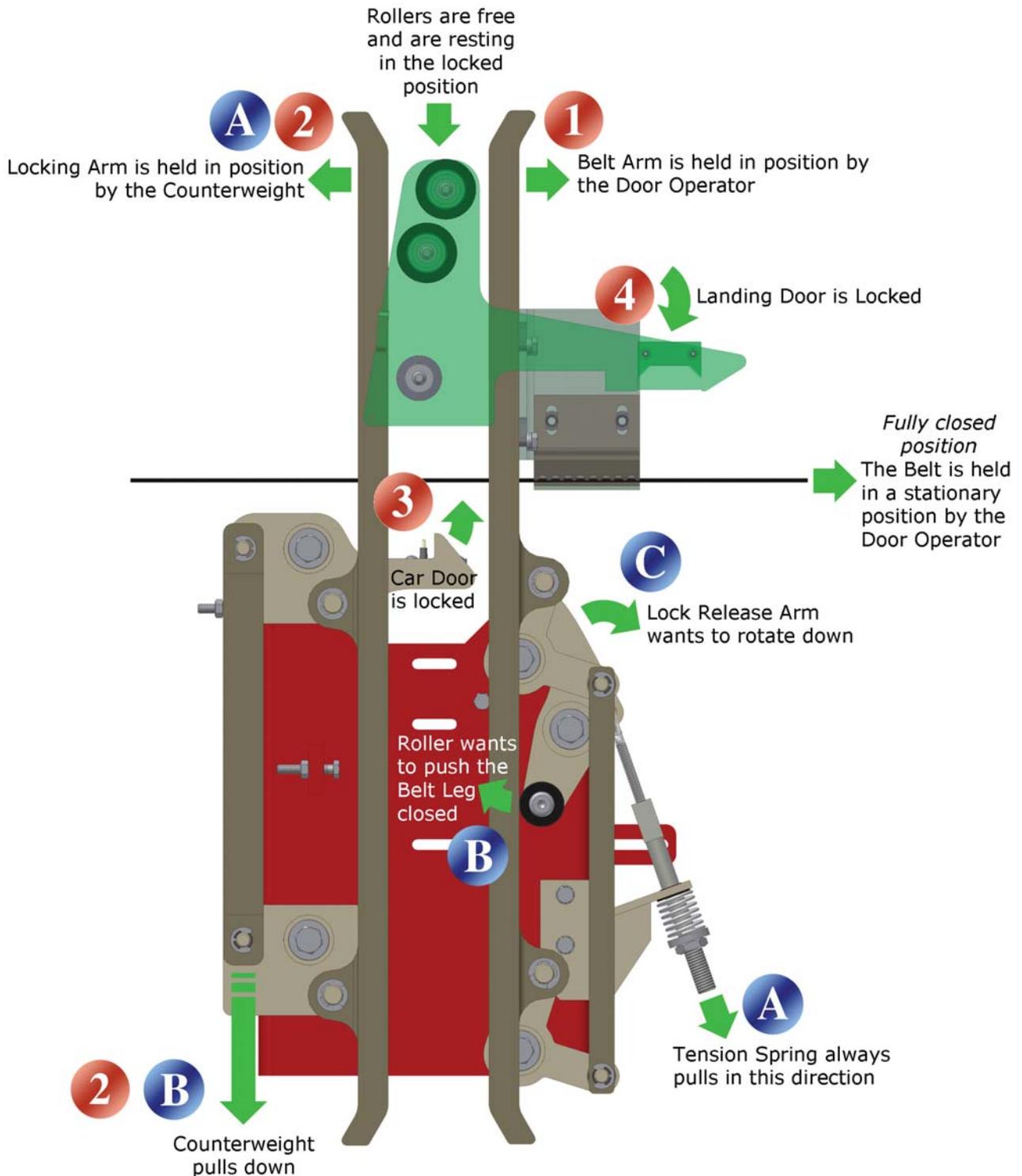




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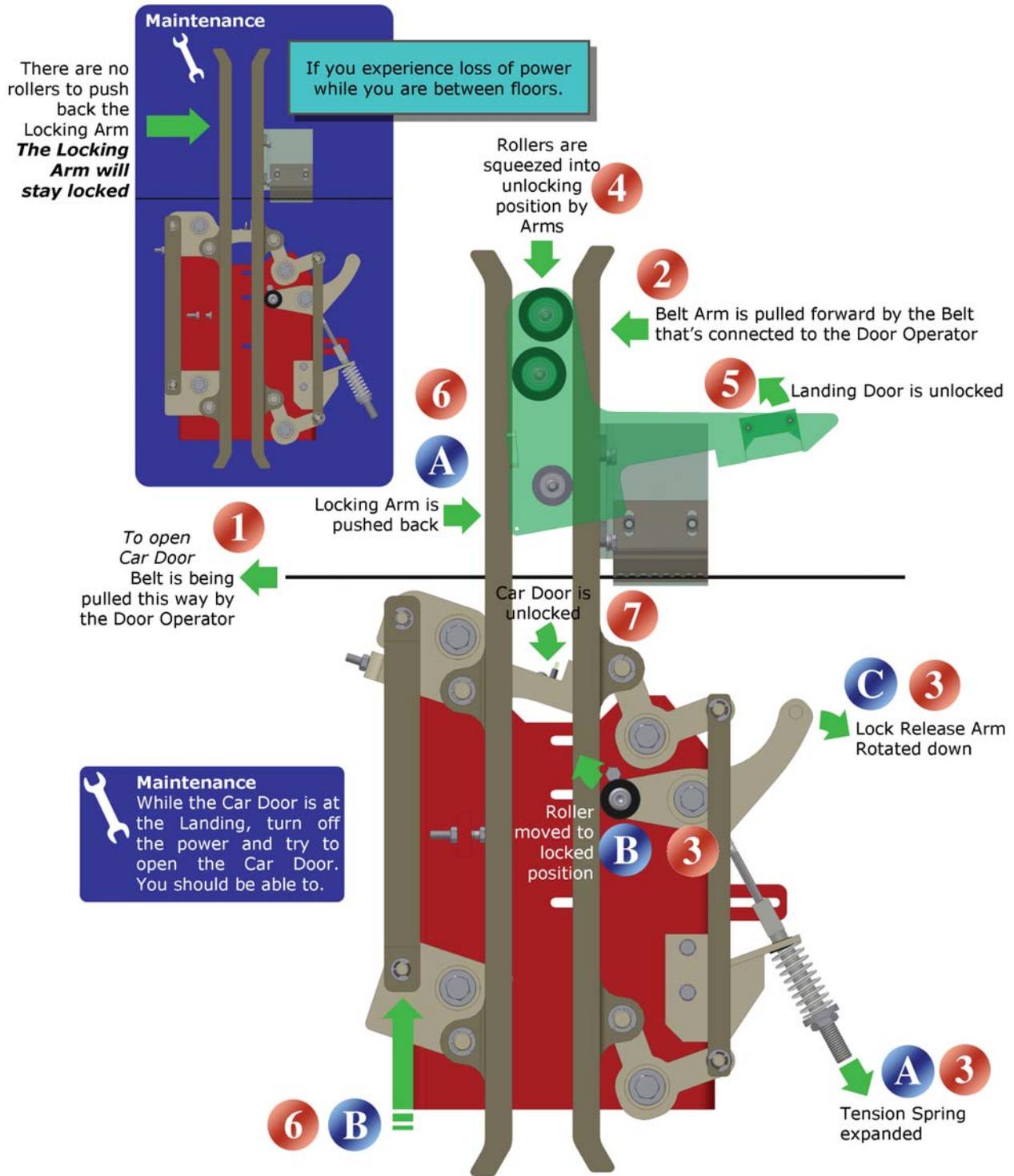
Landing Door and Car Door in the LOCKED Position



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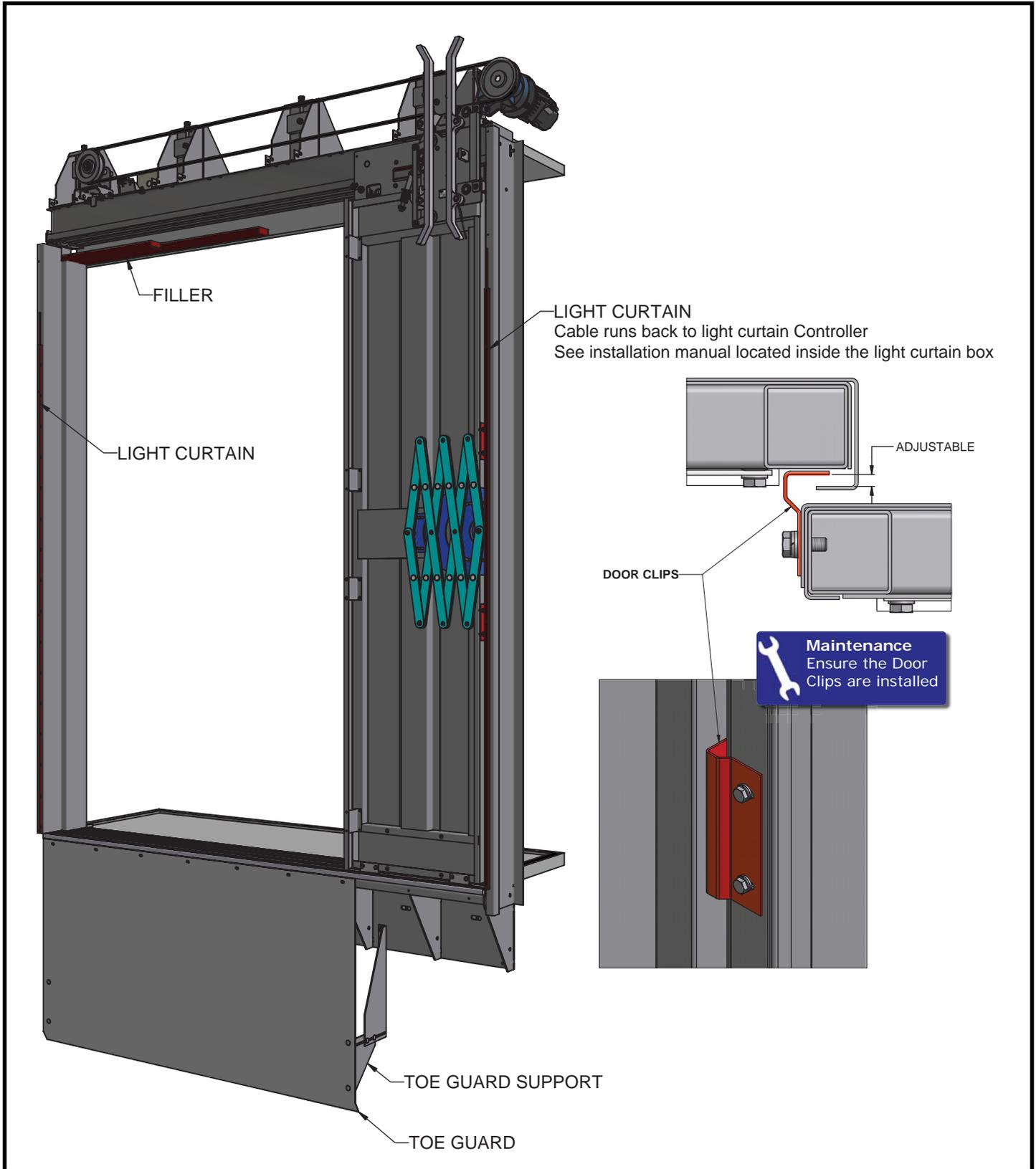
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Landing Door and Car Door in the UNLOCKED Position



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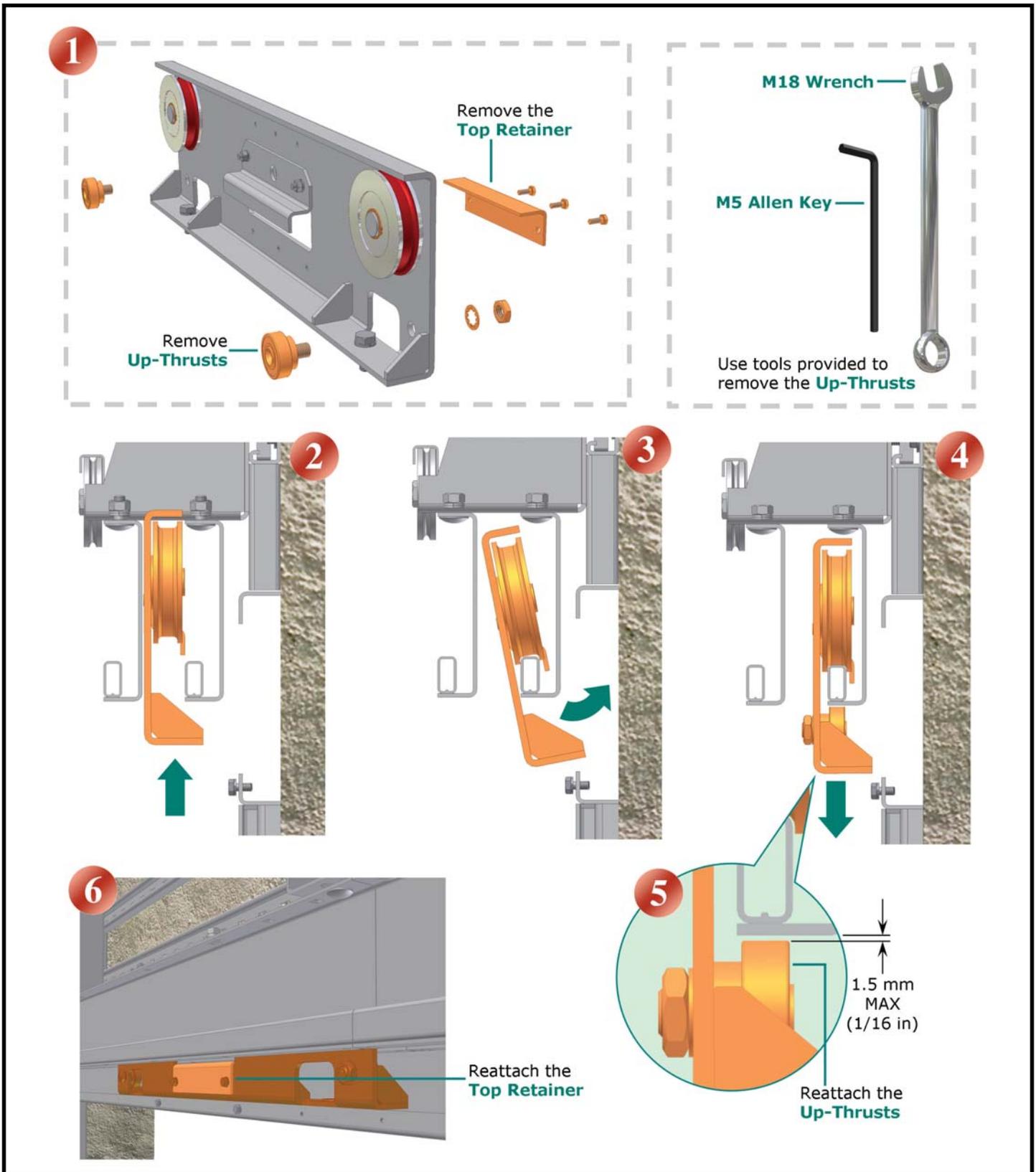


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Roller Hanger Maintenance

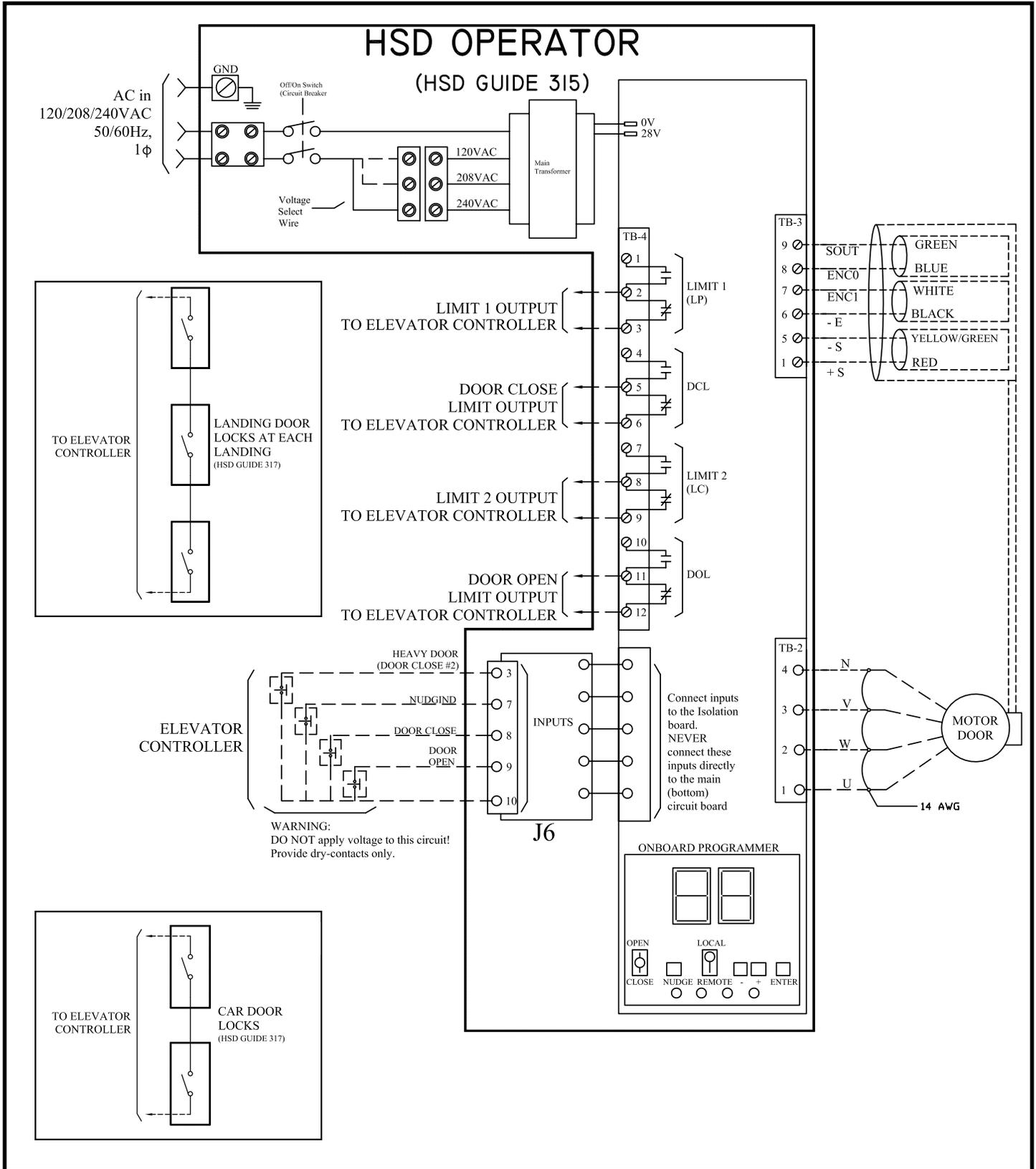
HSD Car Door



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Wiring



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