



INSTALLATION GUIDE

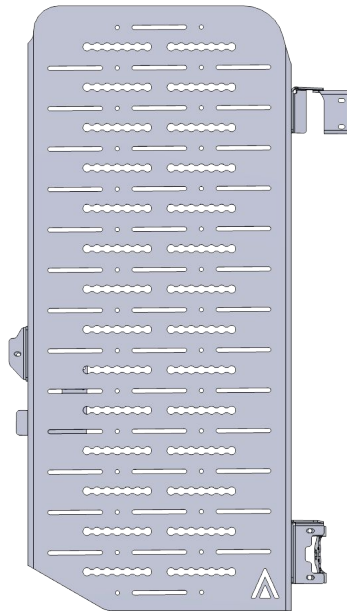
**RAM PROMASTER
PASSENGER SIDE**

MULTI-PURPOSE CARRIER

ATLAS
ROADCAMP

REAR DOOR CARRIER MODELS

PASSENGER SIDE



MULTI-PURPOSE CARRIER

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SAFETY WARNINGS

****ATLAS RC disclaims all liability for any injury occurring during the installation, maintenance, or use of any ATLAS RC accessory.****

- The initial installation of an accessory may take several hours.
- Two people are required for the installation and/or assembly of an Atlas Roadcamp accessory.
- For the installation of a roof/door carrier or a ladder: Always secure yourself using an approved safety harness and a certified anchor point located higher than the vehicle when installing a side ladder. If this is not possible, a minimum of 8-foot scaffolding and/or stepladders must be used on each side of the vehicle to ensure safe working conditions. There is a significant risk of falling from the top of a vehicle.
- Wear cut-resistant gloves and safety glasses.

If you have any doubts during assembly, stop working immediately and contact your retailer.

TECHNICAL WARNINGS

****FOR ALL BOLTS ASSEMBLED WITH NYLON NUTS, IT IS MANDATORY TO APPLY THE ANTI-SEIZE PROVIDED WITH YOUR HARDWARE TO ENSURE THE BOLT/NUT ASSEMBLY DOES NOT GALL OR SEIZE. ****

****IF APPLICABLE TO YOUR ACCESSORY: IT IS IMPORTANT THAT THE SQUARE SHANK OF THE CARRIAGE BOLTS IS FULLY ENGAGED IN THE SQUARE HOLES BEFORE TIGHTENING. ****

- Before starting the installation, it is recommended to apply protection to your vehicle's roof (plastic or cardboard) to protect it.
- All bolts and nuts must be tightened by hand (using ratchets, Allen keys, and a torque wrench).
- DO NOT use impact drivers/wrenches, as the hardware is made of stainless steel and can easily seize, making it unusable.
- Nylon-insert lock nuts (Nyloc) are used in the assembly of ATLAS carriers. It is not recommended to tighten and loosen this type of nut repeatedly.
- All assemblies without nylon nuts require the use of a threadlocking adhesive such as LOCTITE 242, LOCTITE 243, or LOXEAL 54-03. It is important to apply it properly in the areas specified in this guide.

GENERAL WARNINGS

- Installing an ATLAS Roadcamp accessory and any other components (fans, air conditioners, roof boxes, lifting components, etc.) on the exterior of your vehicle may cause or increase wind noise, turbulence and/or any vibrations. ATLAS Roadcamp is not liable for any noise, whistling, vibrations or turbulence caused by adding exterior components to the vehicle.
- ATLAS Roadcamp is not liable for any increase in your vehicle's fuel consumption following the installation of a roof rack or a side ladder.
- Always comply with the maximum roof weight capacities and maximum vehicle heights specified by your vehicle manufacturer.
- ATLAS Roadcamp disclaims all liability for any unintended or alternative uses or installations.
- Any modification or alteration to an ATLAS Roadcamp accessory not approved by ATLAS Roadcamp may void the product warranty.
- Adding components not approved by ATLAS Roadcamp may void the product warranty.

PRIVACY POLICY & TERMS

The customer is responsible for reading the "Privacy Policy" page on the ATLAS Roadcamp : <https://atlasroadcamp.com/politique-de-confidentialite>

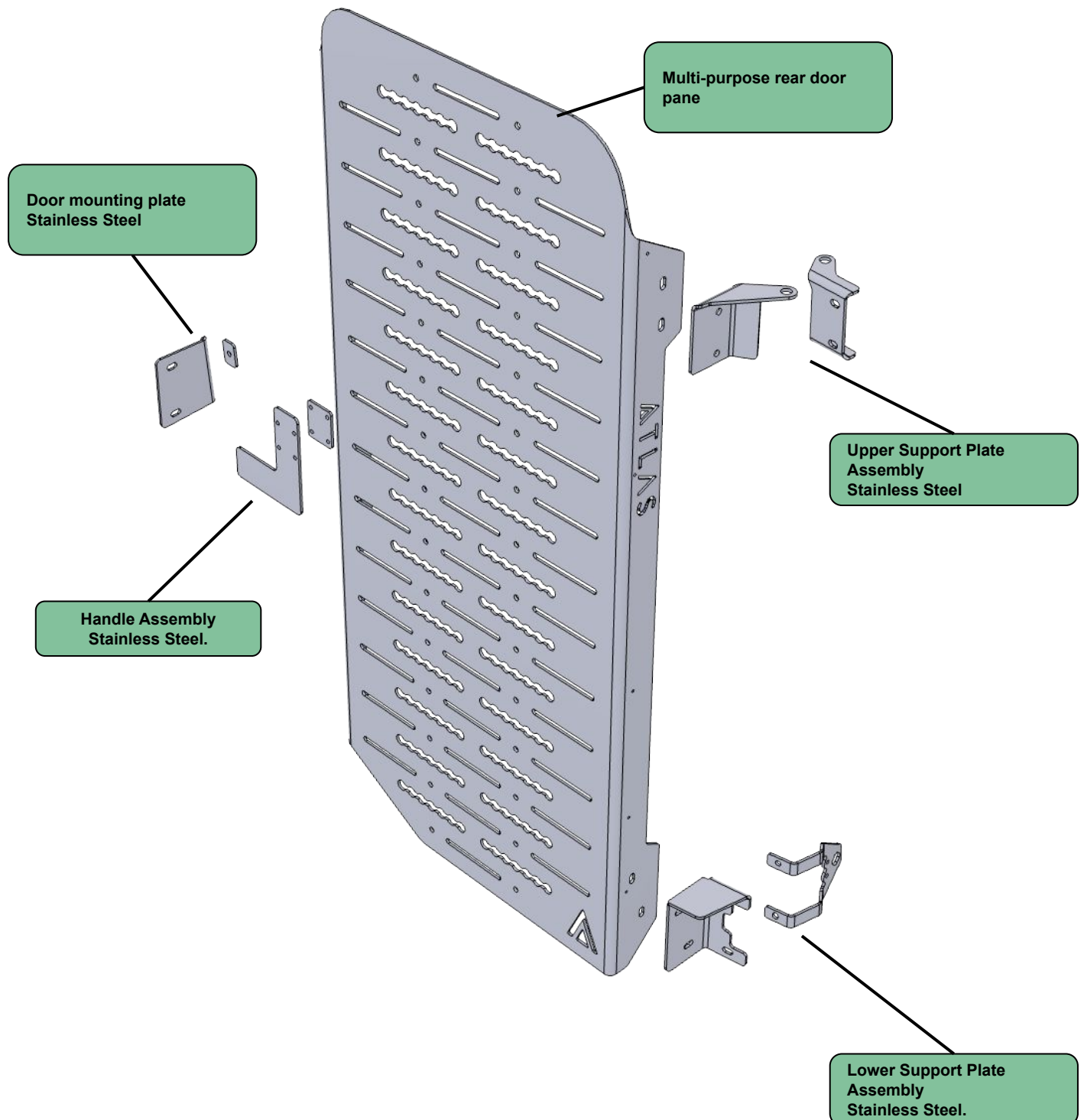
ATLAS RC Limitation of Liability: ATLAS RC is not liable for damages resulting from improper use, overloading, incorrect assembly, abuse, accidents, negligence, improper installation, theft, or unauthorized modifications.

MAINTENANCE

1. All fastener torque values must be checked after the first 100 km and 500 km driven with the vehicle following installation.

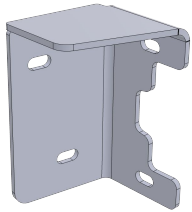
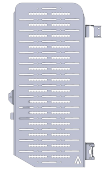
It is mandatory to comply with the prescribed torque specifications based on the bolt diameters indicated in step
2. At the beginning of each season, check that all hardware is properly tightened and verify the overall positioning of the carrier.

VUE COMPOSANTES SUPPORT MULTI-USAGE



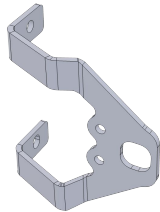
COMPONENTS INCLUDED FOR ALL MODELS

IN THE HARDWARE BOX



1x

Lower Support Plate



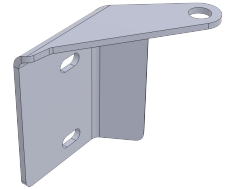
1x

Lower Hinge Plate



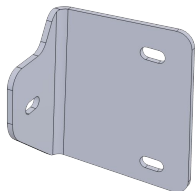
1x

Upper Support Plate



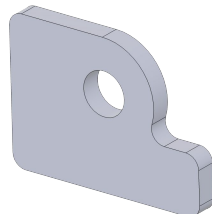
1x

Upper Hinge Plate



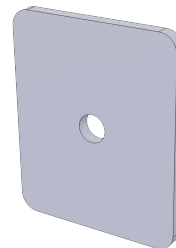
1x

Door mounting plate



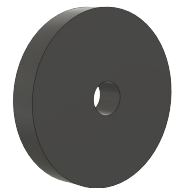
2x

Shims



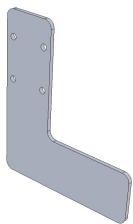
1x

Reinforcement Plate



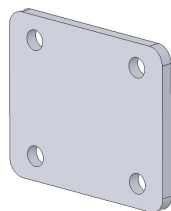
2x

Phibia round neoprene spacer, 3/8" thick



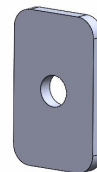
1x

Handle



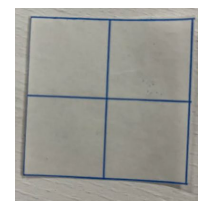
1x

Counter-Handle



1x

Contre-plaque intérieur



1x

2"x 2" 3M Clear Square



1x
Anti-seize

****IMPORTANT:** Apply anti-seize to the threads of all bolts before installing the nuts.**

INCLUDED HARDWARE

IN THE HARDWARE BOX



HARDWARE



1x
3/8" x 2-1/2" SS Button
Head Bolts



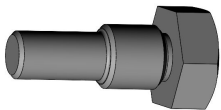
8x
3/8" x 1-1/4" SS Button
Head Bolts



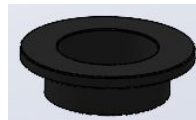
12x
3/8" SS Nylon Lock Nuts



23x
3/8" SS Washers



1x
3/8" Special SS Hex Bolt



2x
Shoulder Washer



2x
(SEPARATE BAG)
3/8" x 1-1/2" SS Button
Head Bolts



2x
1/4" x 3/4" SS Button Head
Bolts



2x
1/4" SS Nylon Lock Nuts



2x
1/4" SS Washer



4x
1/4" x 1-3/4" Hex Bolts



4x
1/4" SS Nylon Lock Nuts



8x
1/4" SS Washers

REQUIRED TOOLS AND MATERIALS (NOT INCLUDED)



Torque wrench



EZLINER



Metal Paint

1 RETIRER LE PANNEAU DE PLASTIQUE À L'INTÉRIEUR DE LA PORTE DU VÉHICULE

- Simplement tirer délicatement sur le panneau afin de ne pas briser les ancrages en plastique.
- Retirer tous les ancrages de plastique de la porte.
- Les repositionner le panneau de porte afin de pouvoir le clipper à nouveau à la fin de l'installation

****NOTE : Si vous avez un essuie-glace dans la vitre arrière, voir ANNEXE de ce guide.****



2

ASSEMBLING THE CARRIER PLATES (TOP AND BOTTOM)

- Place the washers onto the bolts.
- Insert the bolts through the carrier plates (top and bottom).
- Apply anti-seize to the threads.
- Place a washer and thread the nut on by hand.
- Tighten lightly; ensure there is still some movement between the plates for adjustment purposes.

HARDWARE



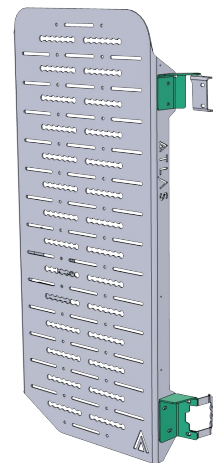
4x 3/8" x 1-1/4" SS
Button Head Bolts



8x 3/8" SS Washers



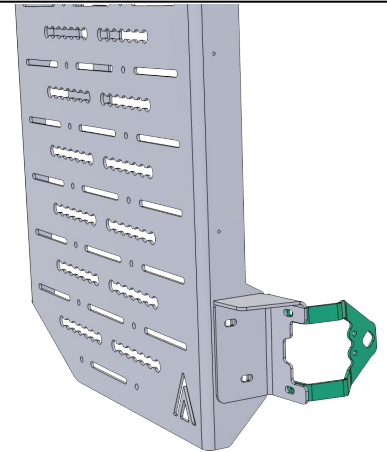
4x 3/8" SS Nylon Lock Nuts



3

INSTALLING THE HINGES PLATES

3.1 Remove the bolts (top and bottom) from the lower door hinge.

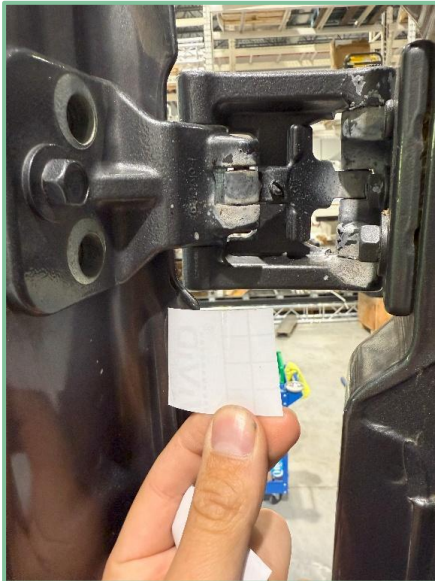
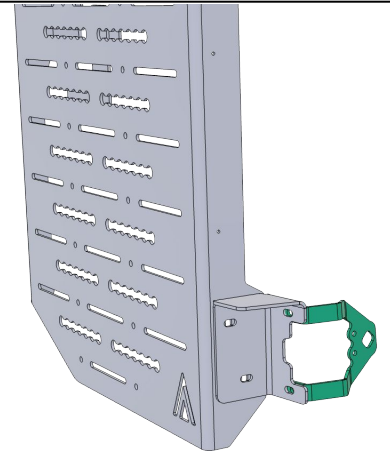


3

INSTALLING THE HINGES PLATES

3.2 Protect the paint by applying the vinyl to the designated areas.

Clean the surface on each side of the hinges, let it dry, and apply the 3M clear square.

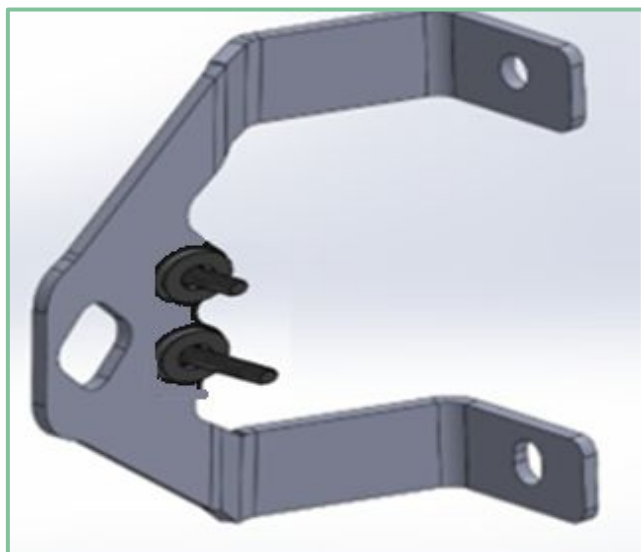
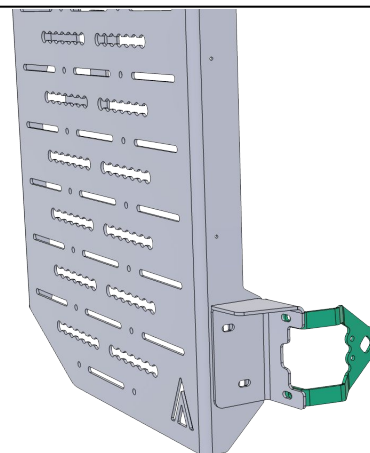


3

INSTALLING THE HINGES PLATES

3.3 Installing the Lower Hinge with the Hinge Plate

- Insert the bolts through the plate.
- Install the lower hinge plate.
- Ensure you have between 1/16" and 1/8" of clearance between the carrier arms and the door.
- Use 5/16" washers as spacers if needed.
- Apply anti-seize to the threads.
- Tighten to a torque of 24 Nm.



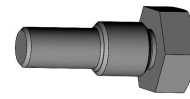
3

INSTALLING THE HINGES PLATES

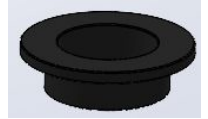
****We suggest protecting the front face of the upper hinge with a 3M clear sticker to prevent any damage to the hinge.****



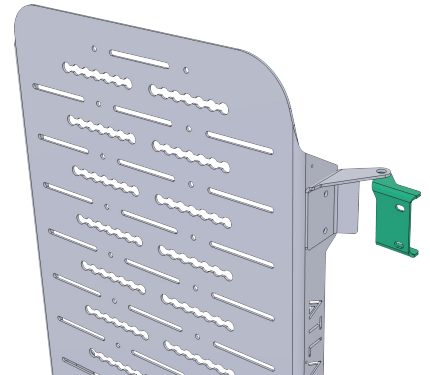
HARDWARE



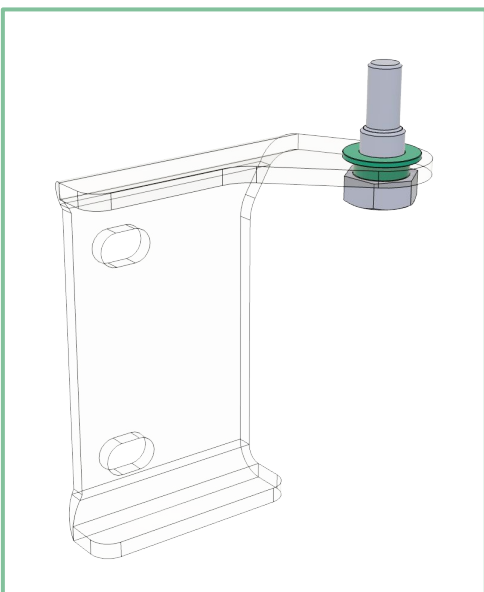
1x 3/8" Special SS Hex Bolt



1x Shoulder Washer



3.4 Insert the shoulder bolt from underneath, and place the shoulder washer from the top into the designated opening of the upper hinge plate.



3

INSTALLING THE HINGES PLATES

3.5 Position the upper hinge plate on the upper hinge using a 3/8" x 1-1/2" bolt, a washer, then the spacer, another washer, and finally a nut. Hand-tighten the nut only.

HARDWARE



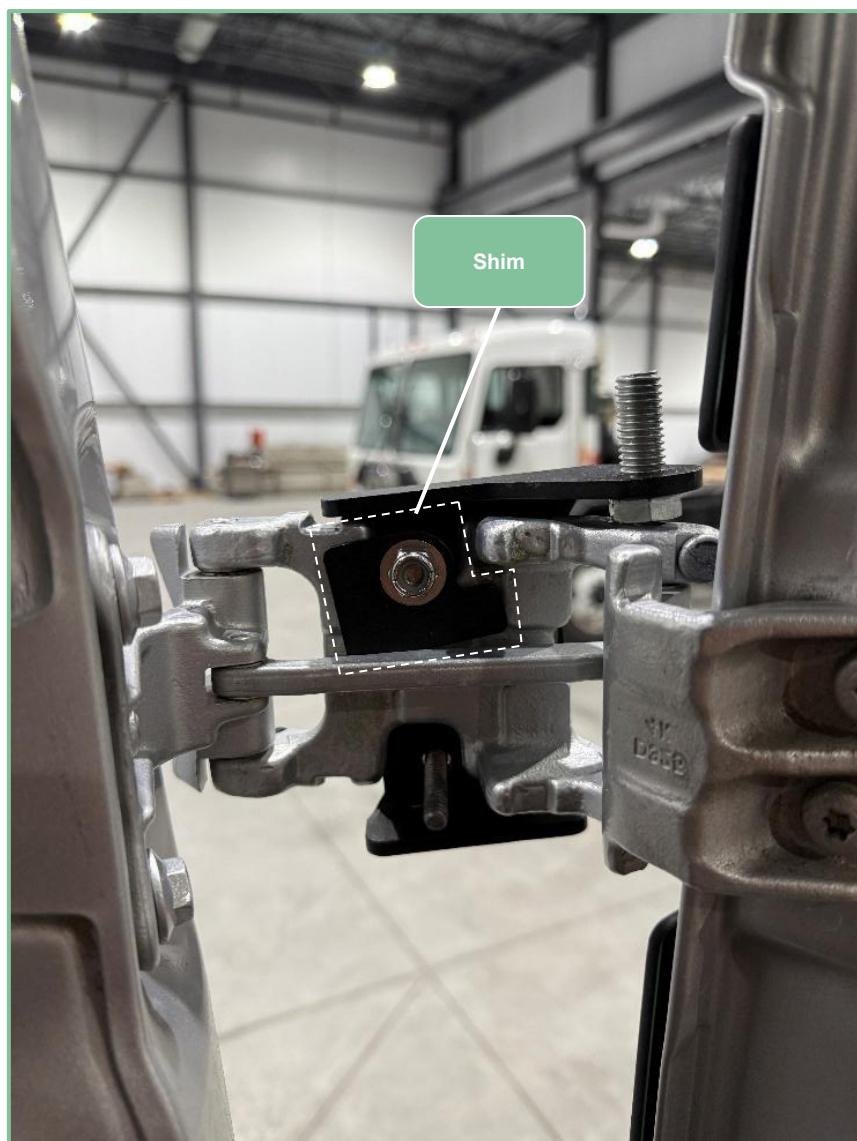
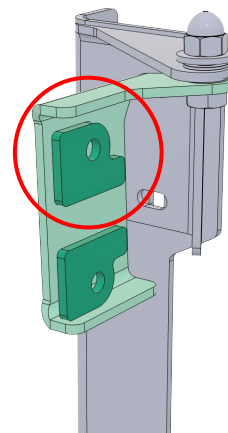
2x 3/8" x 1-1/2" SS
Button Head Bolts



4x 3/8" SS Washers



2x 3/8" SS Nylon Lock Nuts

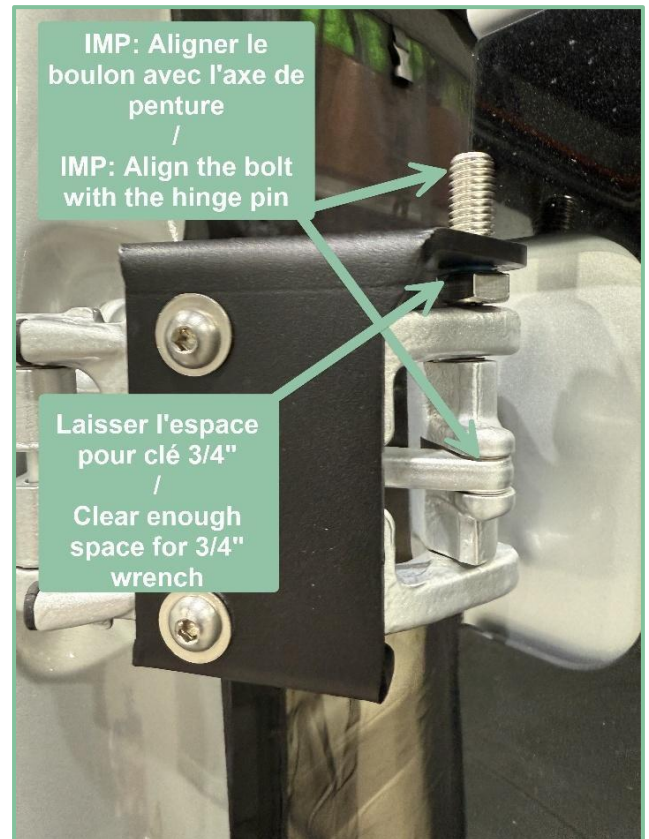
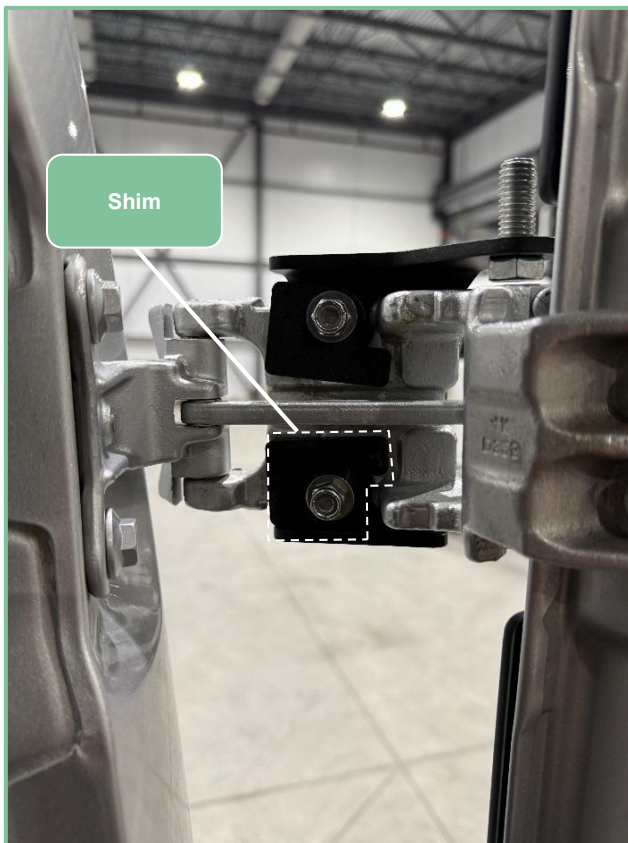
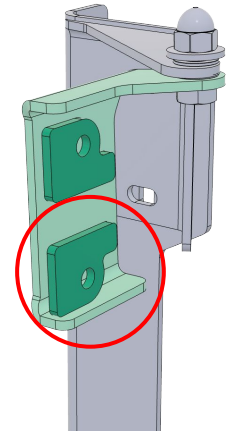


3

ASSEMBLER LES PLAQUES DE CHARNIÈRES

3.6 Repeat the process for the bottom bolt and tighten both bolts firmly, making sure to align the shoulder bolt as closely as possible with the hinge pivot pin.

****Ensure you leave enough clearance for your 3/4" wrench and keep the plate perfectly horizontal. ****



4 HANDLE ASSEMBLY

4.1 Insert the 2 bolts with washers into the holes to the right of the handle, then through the backplate. Add the washers and nuts (do not forget the anti-seize) and tighten lightly.

4.2 Insert the 2 bolts with washers into the holes to the left of the handle, then through the backplate. Add the washers and nuts (do not forget the anti-seize) and tighten lightly.

4.3 Position the handle so that it is perfectly centered, then tighten the 4 nuts in an alternating pattern until the handle is completely secure and no longer moves.

HARDWARE



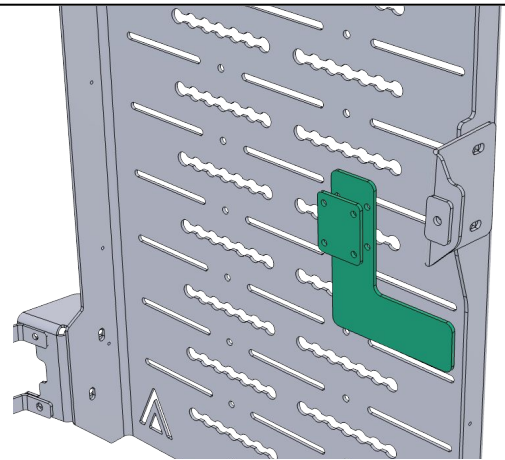
2x 1/4" x 1-3/4" Hex Bolts



4x 1/4" SS Washers



2x Écrous de nylon SS 1/4"



4

ASSEMBLING THE CARRIER ONTO THE HINGES PLATES

4.1 Bring the main panel of the door carrier close



4.2 Take the rear door carrier assembly and slide it over the top bolt.



HARDWARE



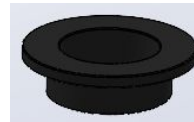
2x 3/8" x 1-1/4" SS
Button Head Bolts



5x 3/8" SS Washers



3x 3/8" SS Nylon Lock Nuts



1x Shoulder Washer



4

ASSEMBLING THE CARRIER ONTO THE HINGES PLATES

4.3 Place a washer onto a bolt. Insert the bolt through the lower carrier plate and the lower hinge support into the first hole.



4.4 Place a washer and thread a nut on by hand.



HARDWARE



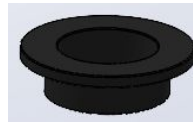
2x 3/8" x 1-1/4" SS
Button Head Bolts



5x 3/8" SS Washers



3x3/8" SS Nylon Lock Nuts



1x Shoulder Washer



4

ASSEMBLING THE CARRIER ONTO THE HINGES PLATES

4.5 Place the shoulder washer, the washer, and the nut onto the top shoulder bolt. Tighten to 10 Nm.



HARDWARE



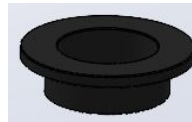
2x 3/8" x 1-1/4" SS
Button Head Bolts



5x 3/8" SS Washers



3x 3/8" SS Nylon Lock Nuts



1x Shoulder Washer



4

ASSEMBLING THE CARRIER ONTO THE HINGES PLATES

4.6 Repeat the previous steps to add the second bolts and ensure that the load is evenly distributed between both plates. If not, use the adjustments in the door carrier plate.

4.7 Tighten the 4 bolts connecting the carrier to the 2 hinge plates to a torque of 30 Nm using an Allen wrench and a ratchet.

HARDWARE



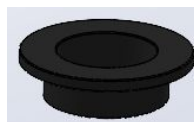
2x 3/8" x 1-1/4" SS Button Head Bolts



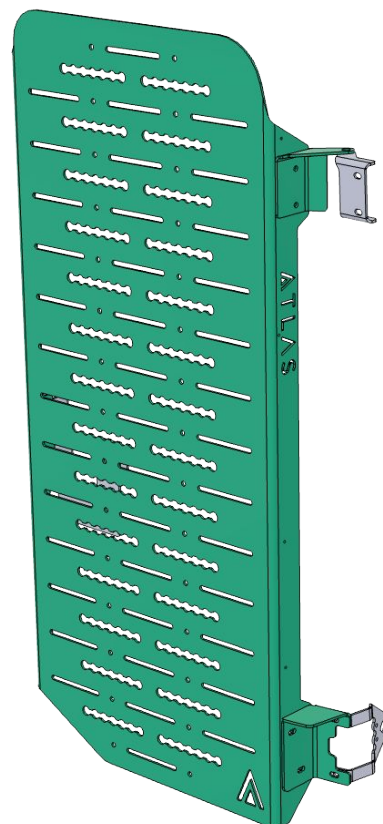
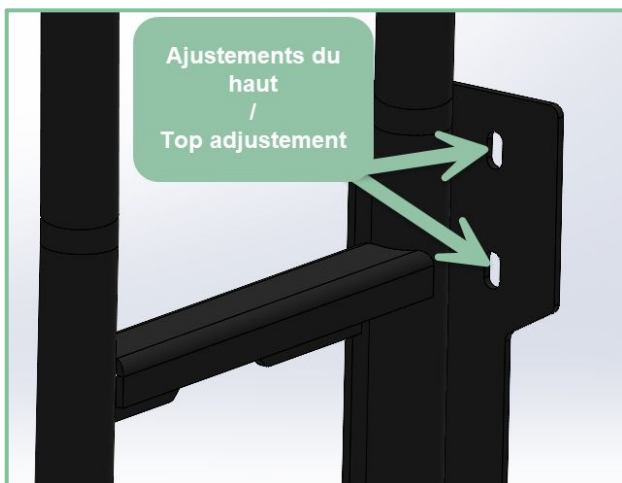
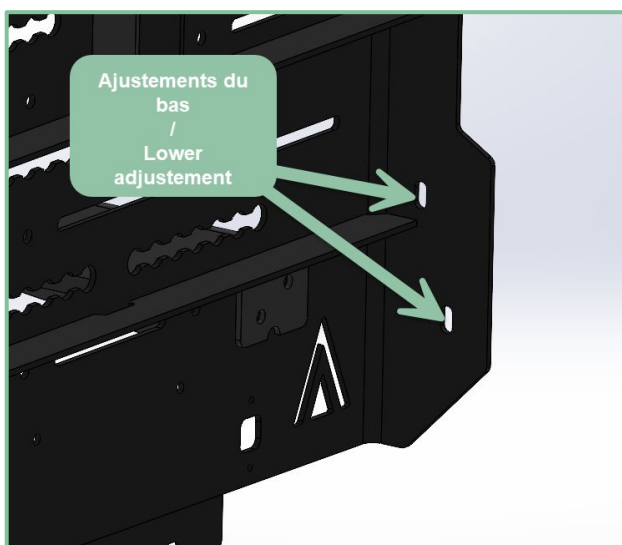
5x 3/8" SS Washers



3x 3/8" SS Nylon Lock Nuts



1x Shoulder Washer



5 INSTALLING THE CENTER ASSEMBLY PLATE

5.1 Gather the required hardware, parts, and tools.



HARDWARE



2x 3/8" x 1-1/4" SS Button Head Bolts



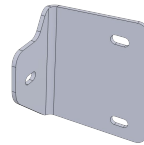
6x 3/8" SS Washers



3x 3/8" SS Nylon Lock Nuts



1x 3/8" x 2-1/2" SS Button Head Bolts



1 x Door Assembly Plate



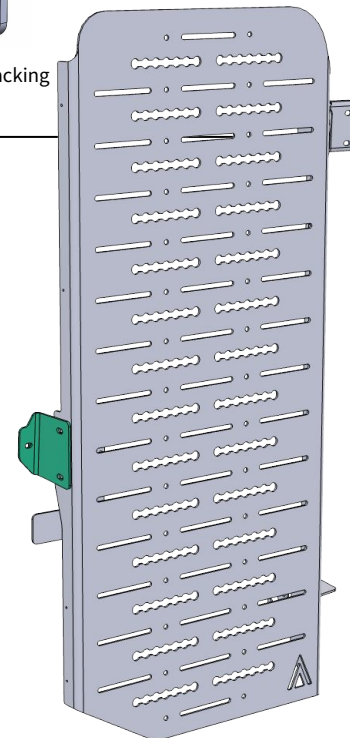
1 x Door Reinforcement Plat



1 x 3/8" Neoprene Washer



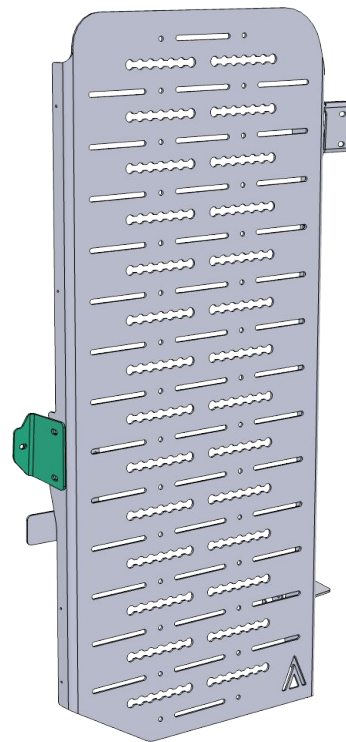
1 x Inner backing plate



5 INSTALLING THE CENTER ASSEMBLY PLATE

5.2 Insérer les rondelles sur les boulons et insérer les boulons au travers la plaque d'assemblage à la porte. Ensuite insérer l'assemblage dans les trous du rack.

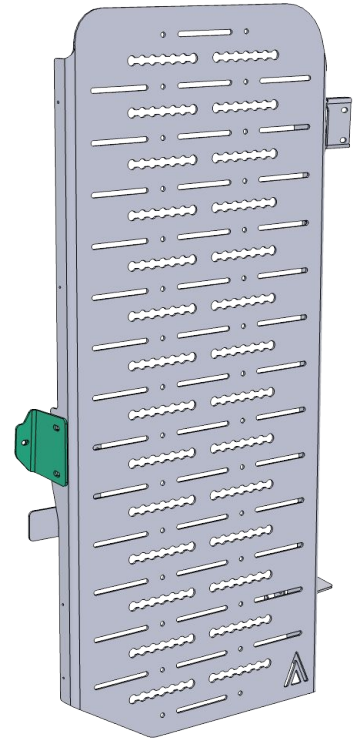
- Mettre de l'anti-seize sur les filets des boulons.
- Mettre une rondelle de l'autre côté du boulon et serrer les écrous fermement à la main



5

INSTALLING THE CENTER ASSEMBLY PLATE

5.3 Mark the hole position on the door using a pencil.



5.4 Drill through the outer panel and the second inner panel of the door using a 3/16" drill bit (there are 2 sheet metal layers to drill through with the 3/16" bit).

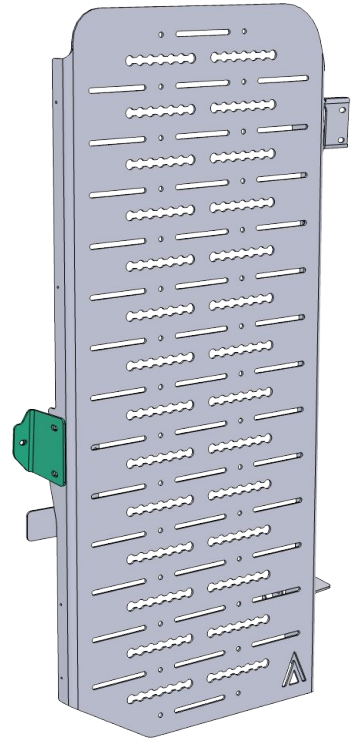
****ENSURE YOU MOVE THE PLATE OUT OF THE WAY BY UNSCREWING THE BOTTOM BOLT BEFORE DRILLING TO AVOID DAMAGING THE PLATE AND THE DOOR****



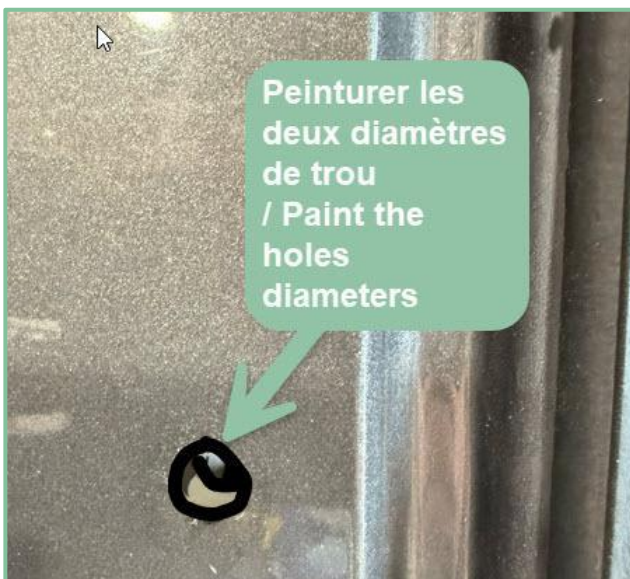
5

INSTALLING THE CENTER ASSEMBLY PLATE

5.5 Drill through the panel using a 3/8" drill bit. **** WATCH OUT FOR THE CABLES ON THE OTHER SIDE. ****



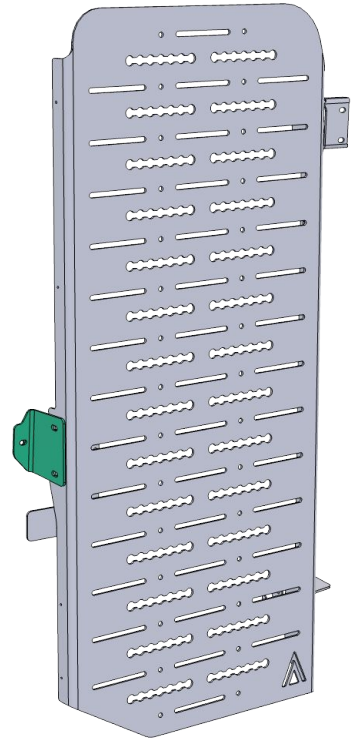
5.6 Coat the 2 drilled sheet metal layers using an appropriate metal paint and allow it to dry.



5 INSTALLING THE CENTER ASSEMBLY PLATE

5.7 Reinstall the previously removed bolt and position the 3/8" neoprene washer directly aligned with the bore, wedging it between the door assembly plate and the vehicle body.

5.8 Slide a washer onto the 3/8" x 2-1/2" bolt, then insert it into the assembly and through the door.



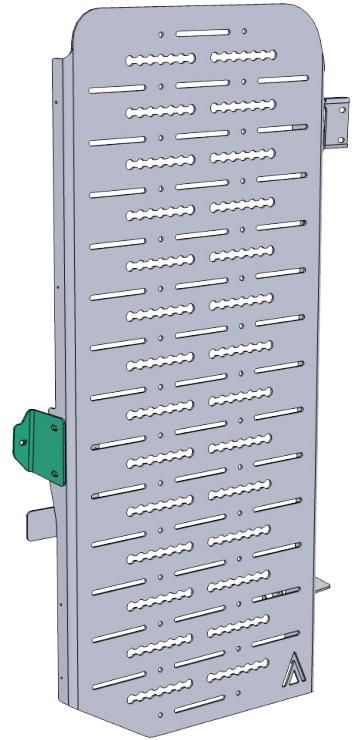
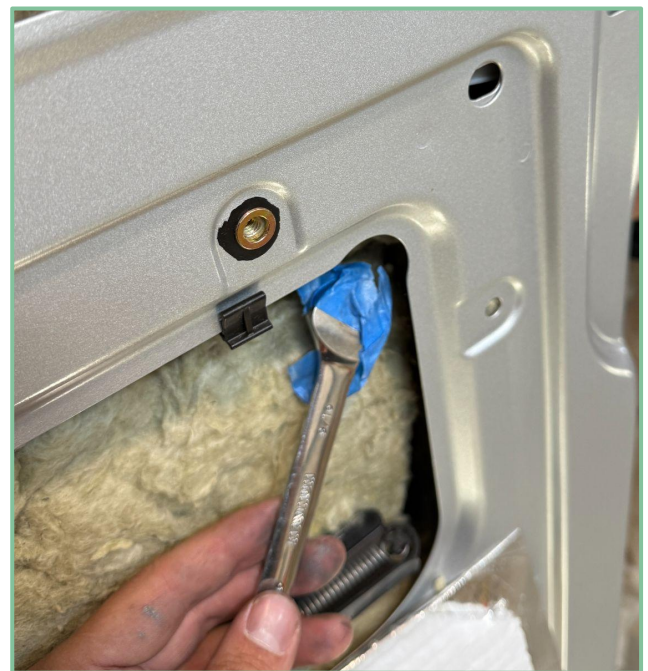
5 INSTALLING THE CENTER ASSEMBLY PLATE

5.9 Securing the carrier in place

- On the other side, slide the neoprene washer and the reinforcement plate onto the bolt in that specific order, as shown in the image.
- Apply anti-seize to the bolt threads.
- Place a washer and thread a nut onto the bolt.

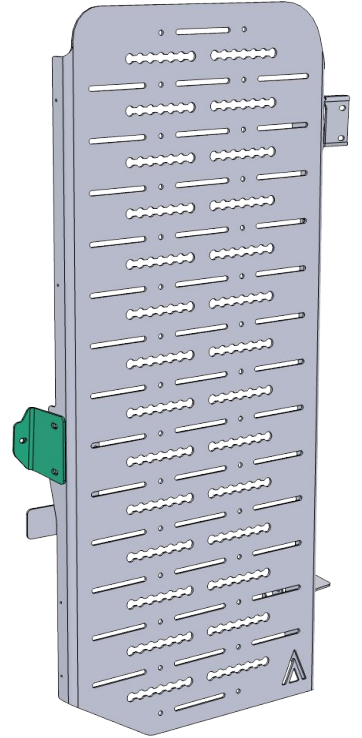


Pro Tip: Use a wrench with the nut taped to it to reach the bolt. Clearance is very limited.



5 INSTALLING THE CENTER ASSEMBLY PLATE

5.10 Tighten the assembly until the outer neoprene washer is slightly bulging. Approximately 12–16 Nm.



10 FINALIZE THE INSTALLATION

10 Tighten all remaining loose bolts of the assembly to a torque of 30 Nm

10.1 Reinstall the interior door panel previously removed



QUESTION?

If you require assistance or have any questions during your installation, please contact us. We will be more than happy to assist you.

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