



INSTALLATION GUIDE

RAM PROMASTER DRIVER'S SIDE

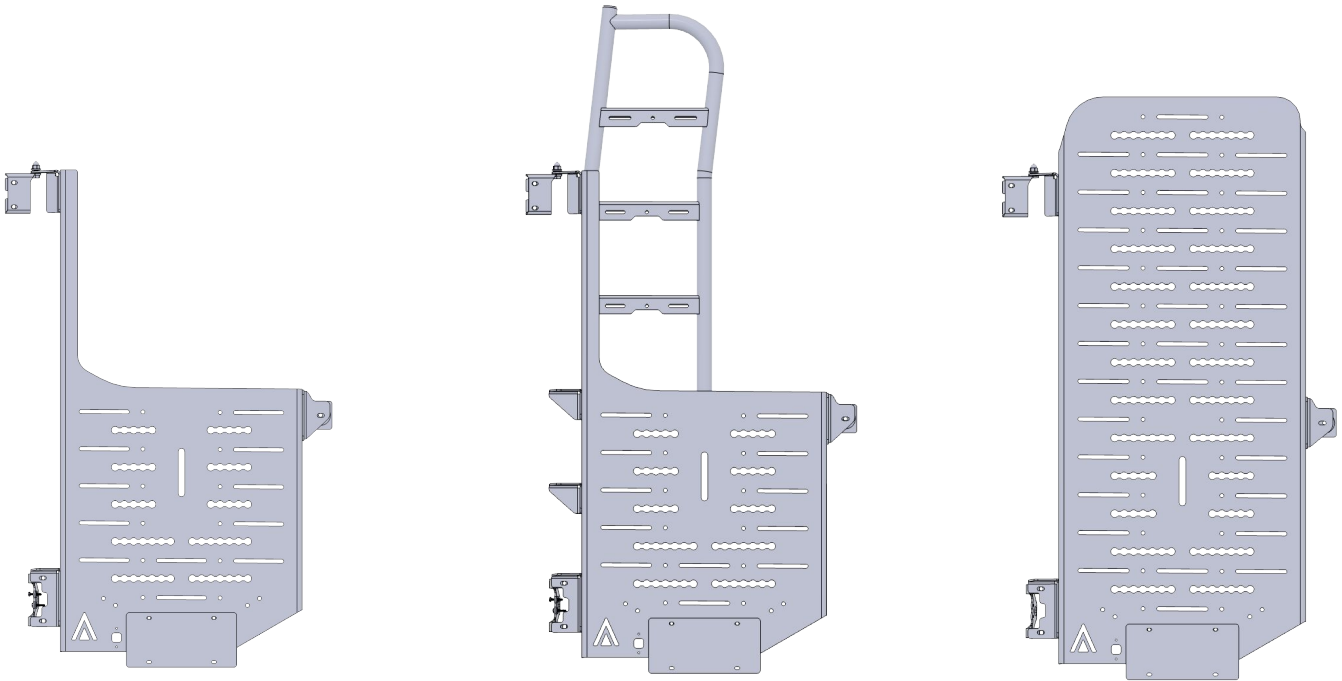
REAR DOOR CARRIER (SPARE TIRE OPTION))
REAR DOOR CARRIER - LADDER COMBO
MULTI-PURPOSE CARRIER

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REAR DOOR CARRIER MODELS

DRIVER'S SIDE

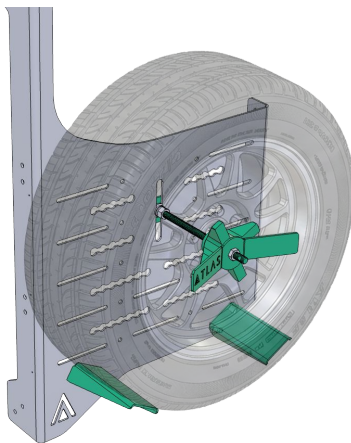


REAR DOOR
CARRIER

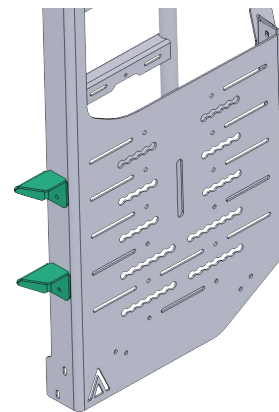
REAR DOOR CARRIER -
LADDER COMBO

MULTI-PURPOSE
CARRIER

ADDITIONAL COMPONENTS



TIRE CARRIER
(Optional)



STEPS - LADDER COMBO
(Included with COMBO model)

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>

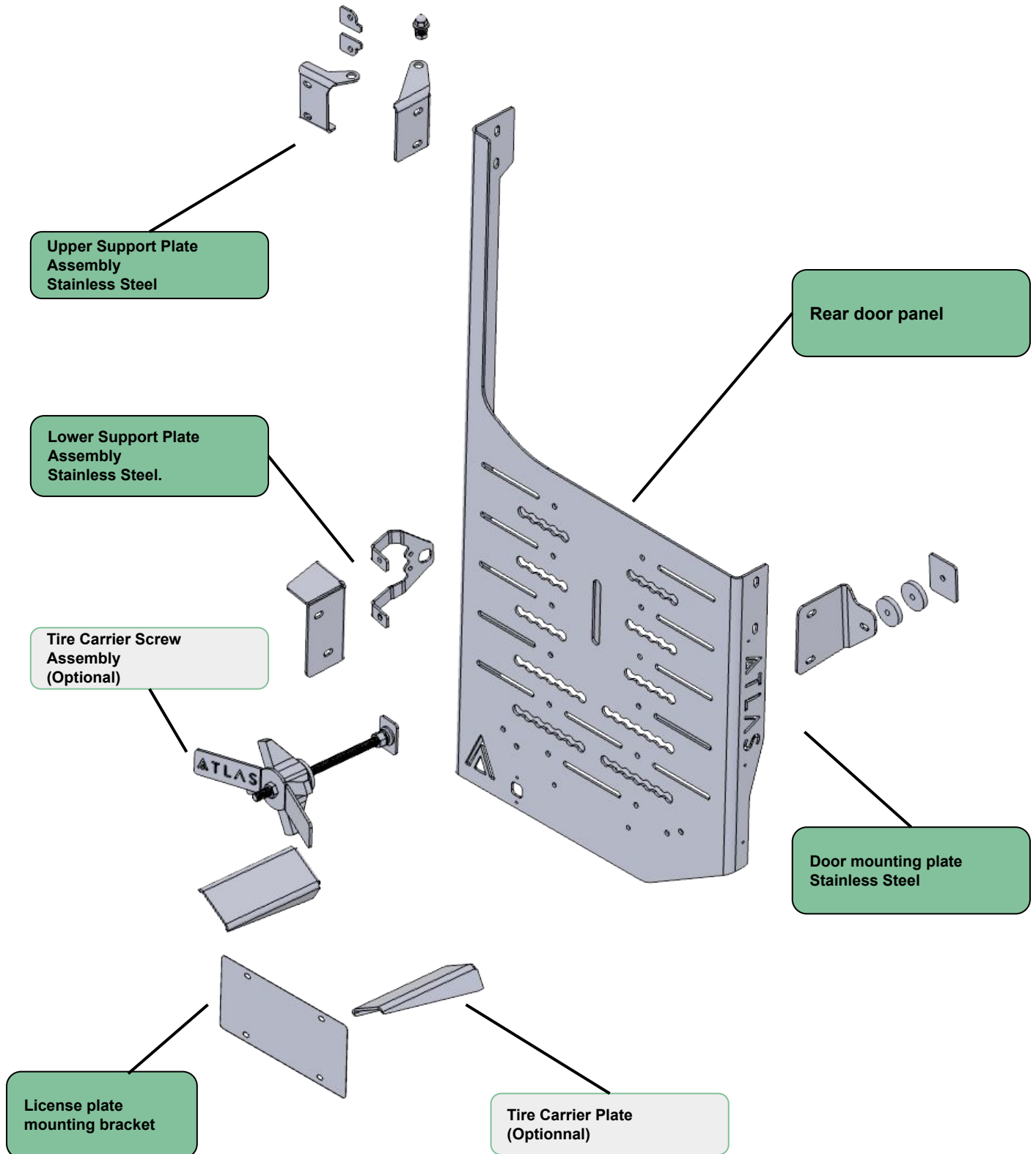
ATLAS RC Limitation of Liability: ATLAS RC is not liable for damages resulting from improper use, overloading, incorrect assembly, abuse, accidents, negligence, improper installation, theft, or unauthorized modifications.

MAINTENANCE

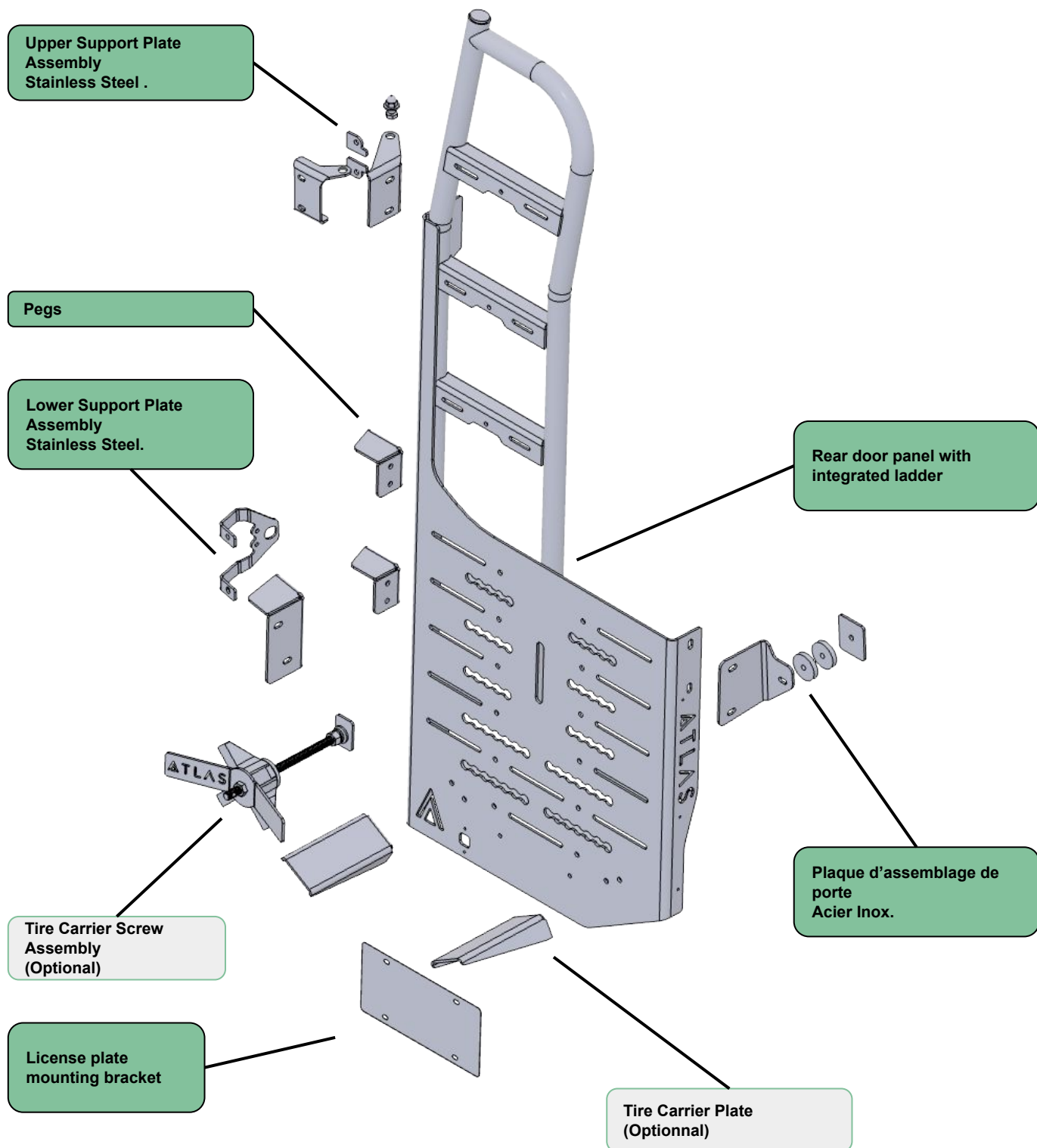
1. All fastener torque values must be checked after the first 100 km and 500 km driven with the vehicle following installation.

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.

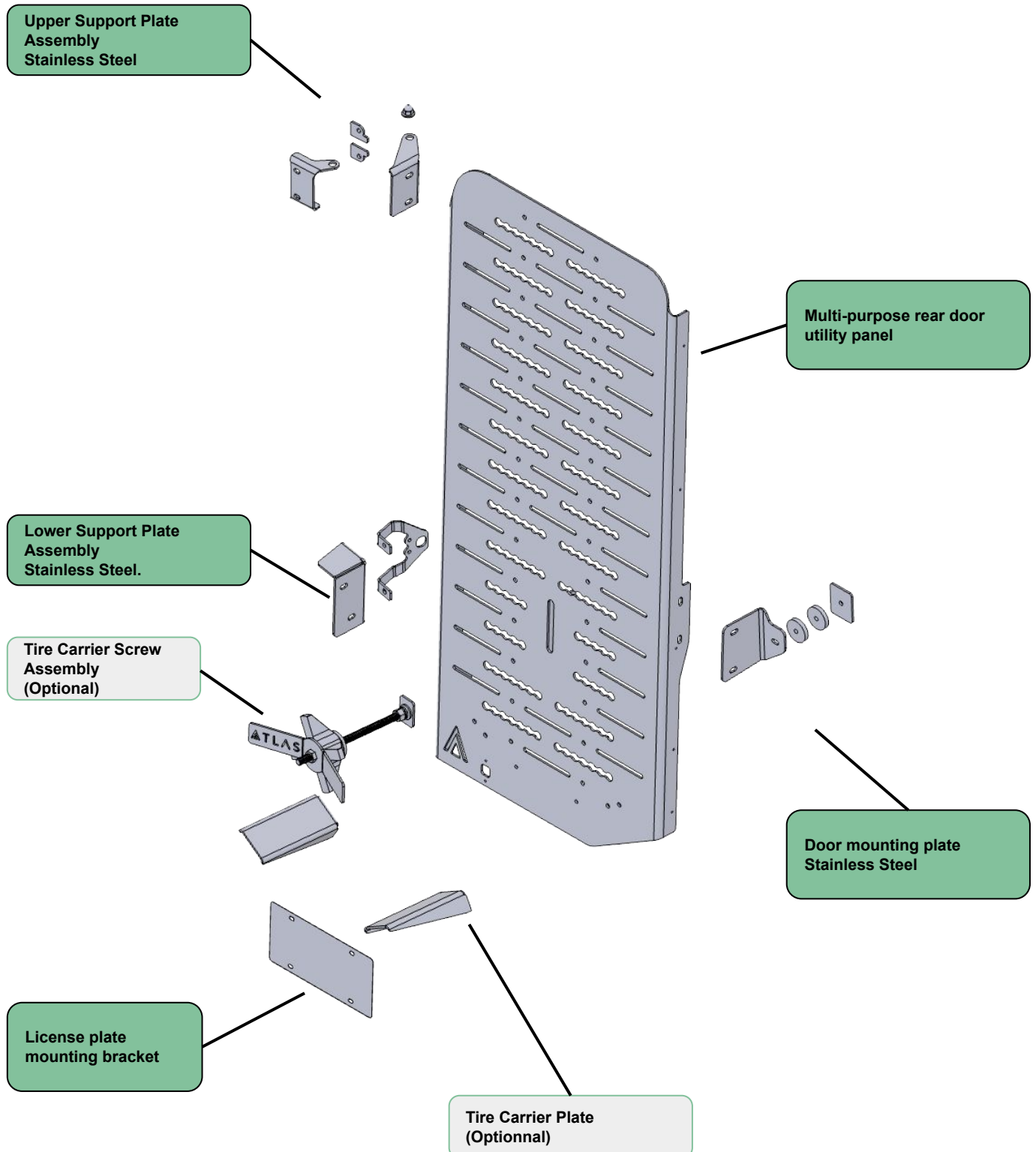
REAR DOOR CARRIER COMPONENTS VIEW



REAR DOOR CARRIER COMPONENTS VIEW - LADDER COMBO

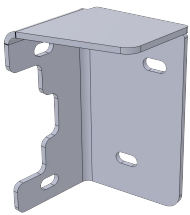
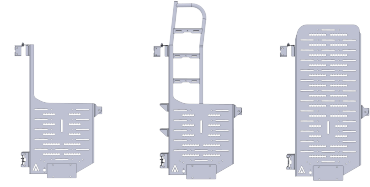


MULTI-PURPOSE CARRIER COMPONENTS VIEW



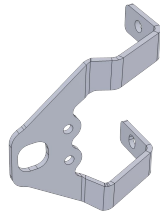
COMPONENTS INCLUDED FOR ALL MODELS

IN THE HARDWARE BOX



1x

Lower Support Plate



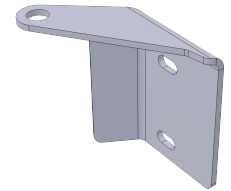
1x

Lower Hinge Plate



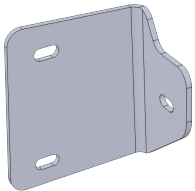
1x

Upper Support Plate



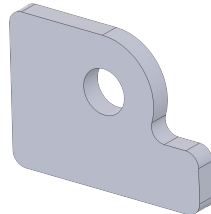
1x

Upper Hinge Plate



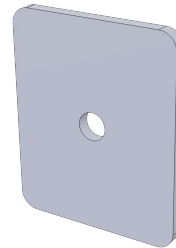
1x

Door mounting plate



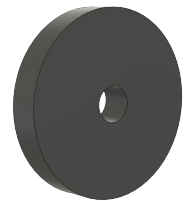
2x

Shims



1x

Reinforcement Plate



2x

Phibia round neoprene spacer, 3/8" thick



1x

Light with 24" cable



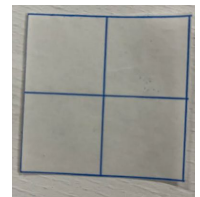
1x

Resistor



1x

Heat-shrink tubing



1x

2"x2" 3M Clear Square



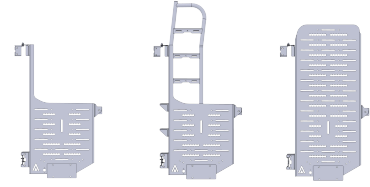
1x

Anti-seize

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

COMPONENTS INCLUDED FOR ALL MODELS

IN THE HARDWARE BOX



HARDWARE



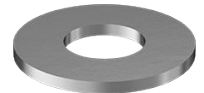
1x
3/8" x 2-1/2" SS Button
Head Bolts



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



12x
3/8" SS Nylon Lock Nuts



23x
3/8" SS Washers



2x
#10 x 3/4" SS Socket Head
Cap Screws



2x
#10 SS Nylon Lock Nuts



2x
#10 SS Washer



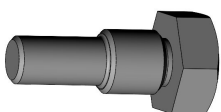
2x
1/4" x 3/4" SS Button Head
Bolts



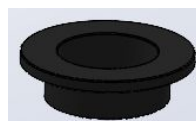
2x
1/4" SS Nylon Lock Nuts



2x
1/4" SS Washer



1x
3/8" Special SS Hex Bolt



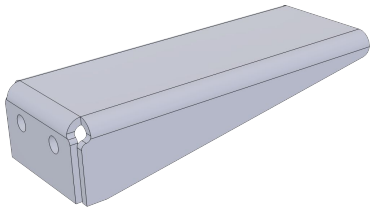
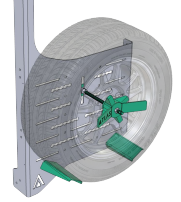
2x
Shoulder Washer



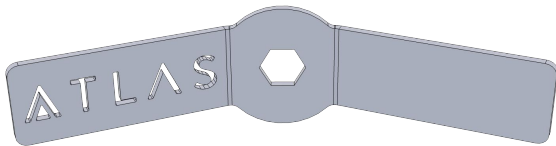
2x
(SEPARATE BAG)
3/8" x 1-1/2" SS Button
Head Bolts

COMPONENTS INCLUDED FOR TIRE CARRIER

IN THE HARDWARE BOX

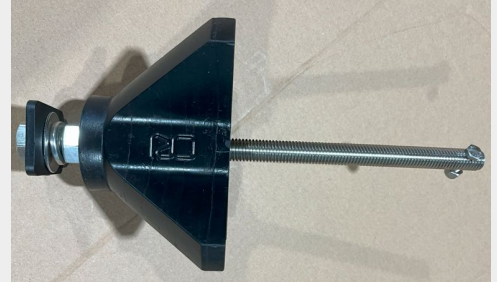


2x
Tire supports



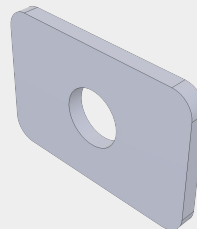
1x
Tightening handle

**Pre-assembled
retaining bolt**

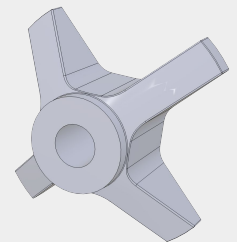


1x 5/8" x 14" SS Bolt
1x Retainering plate
1x Hub adapt
3x 5/8" SS Washer
2x 5/8" SS lock washer
1x 5/8" Zinc Nut

1x 1/4" Nylon nut
1x 1" Hex Bolt



Plaque de retenue
(Pré-assemblé sur le boulon)



Adaptateur de moyeu
en uréthane
(Pré-assemblé sur le
boulon)

HARDWARE



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



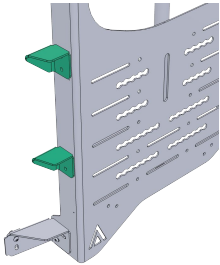
4x
3/8" SS Nylon Lock
Nuts



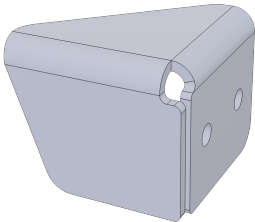
8x
3/8" SS Washers

PARTS INCLUDED FOR
IN THE HARDWARE BOX

LADDER STEPS



Pieces



2x
Pegs

HARDWARE



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



4x
3/8" SS Nylon Lock
Nuts



8x
3/8" SS Washers

REQUIRED TOOLS AND MATERIALS (NOT INCLUDED)



Torque wrench



EZLINER



Metal Paint

1 LADDER STEPS

****If not applicable, skip to step 2 ****

INSTALLING THE 2 STEP PEGS ON THE LADDER COMBO CARRIER

- Insert the washers onto the bolts.
- Insert the bolts through the step pegs and the rack.
- Apply anti-seize to the threads.
- Insert a washer and thread the nut.
- Torque to 30 Nm.

HARDWARE



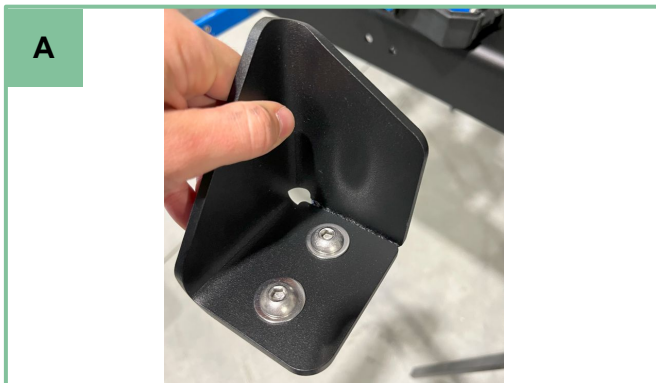
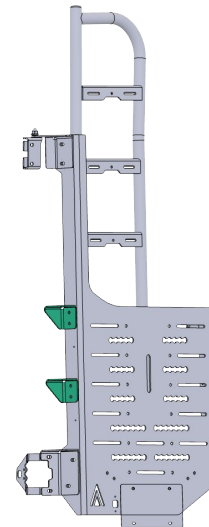
4x 3/8" x 1-1/4" SS
Button Head Bolts



8x 3/8" SS Washers



4x 3/8" SS Nylon Lock Nuts



2 TIRE CARRIER (OPTIONAL) **If not applicable, skip to step 3**

ASSEMBLING THE LOWER TIRE SUPPORTS ON THE CARRIER (ALL MODELS)

2.1 Assemble the 2 step pegs.

- Insert the washers onto the bolts.
- Insert the bolts through the step pegs and the rack.
- Apply anti-seize to the threads.
- Insert a washer and thread the nut.
- Torque to 30 Nm.

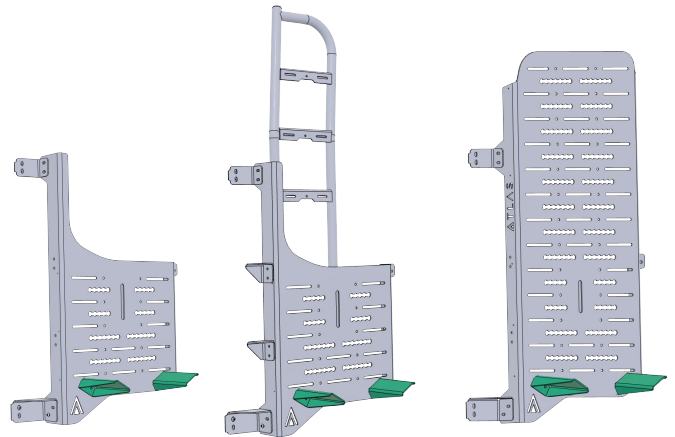
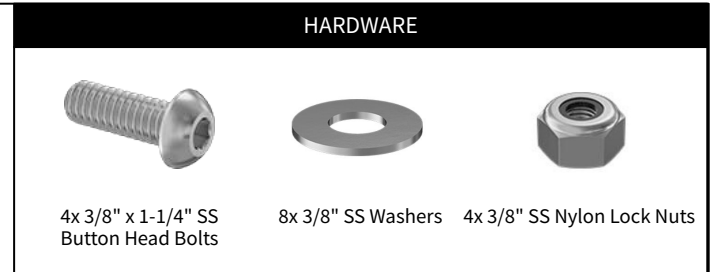


Illustration for reference only; actual parts may vary.



3

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



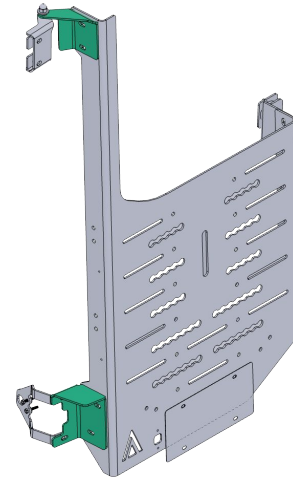
4x 3/8" x 1-1/4" SS
Button Head Bolts



8x 3/8" SS Washers



4x 3/8" SS Nylon Lock Nuts



4

ASSEMBLING THE LIGHT ONTO THE PANEL

- Insert the bolts through the light.
- Apply anti-seize to the threads.
- Place a washer and thread the nut on by hand.
- Tighten to 3 Nm.

HARDWARE



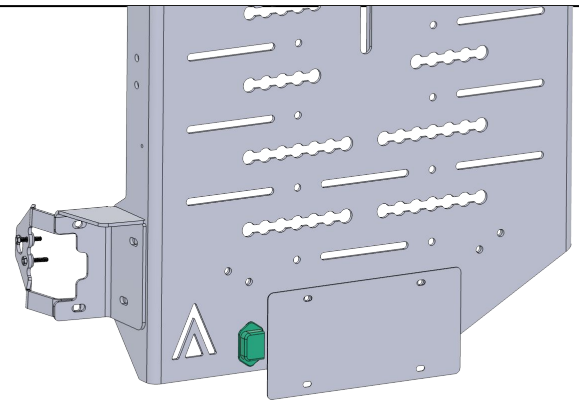
2x #10 x 3/4" SS Socket Head Cap Screws



2x #10 SS Washer



2x #10 SS Nylon Lock Nuts



5 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.
- Le repositionner le panneau de porte afin de pouvoir le clipper à nouveau à la fin de l'installation

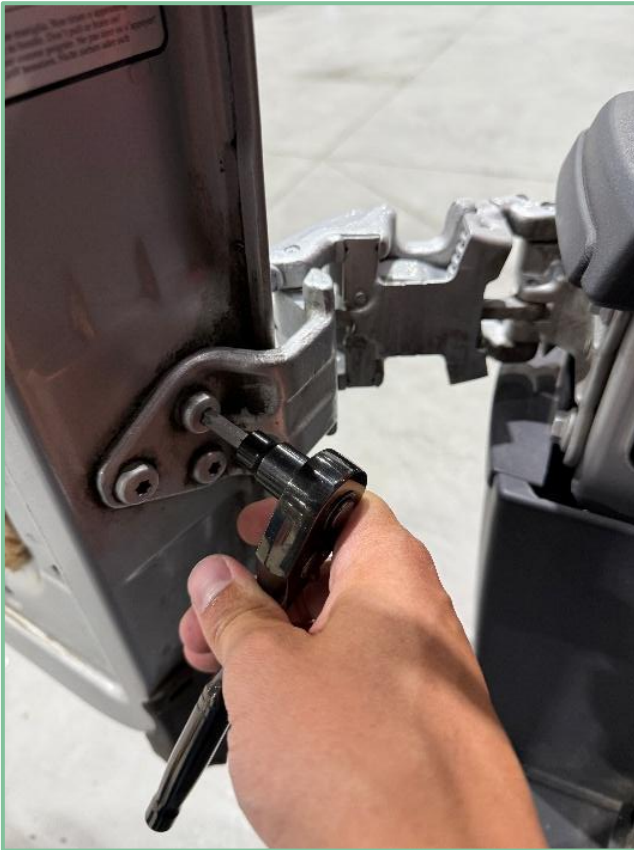
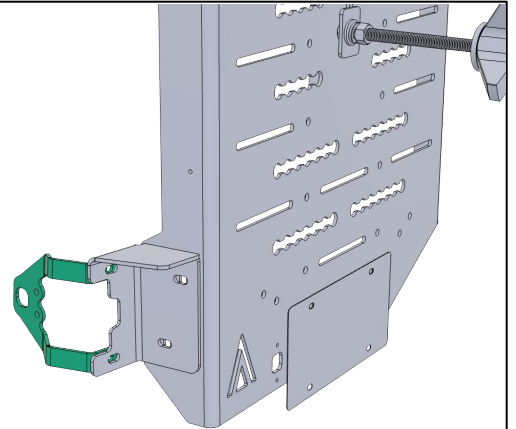
****NOTE :** Si vous avez un essuie-glace dans la vitre arrière, voir ANNEXE de ce guide.**



6

INSTALLING THE HINGES PLATES

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

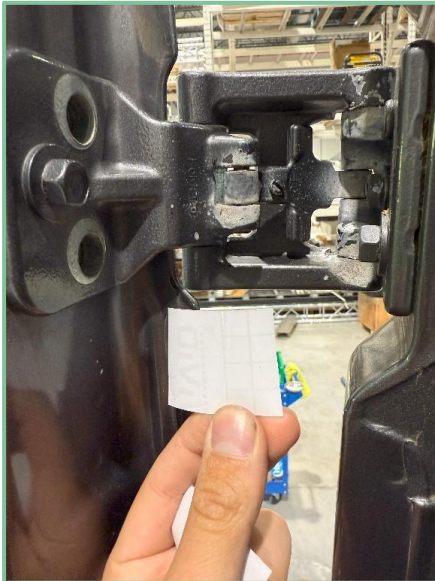
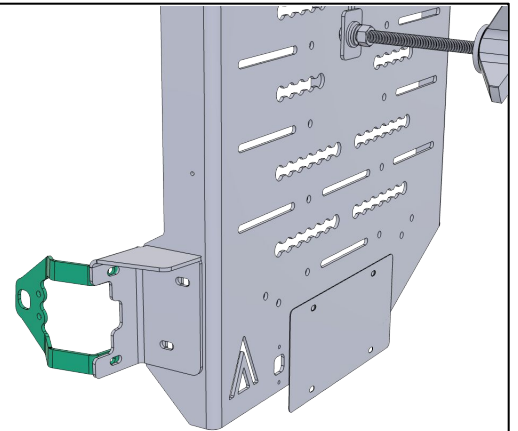


6

INSTALLING THE HINGE PLATES

6.2 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.

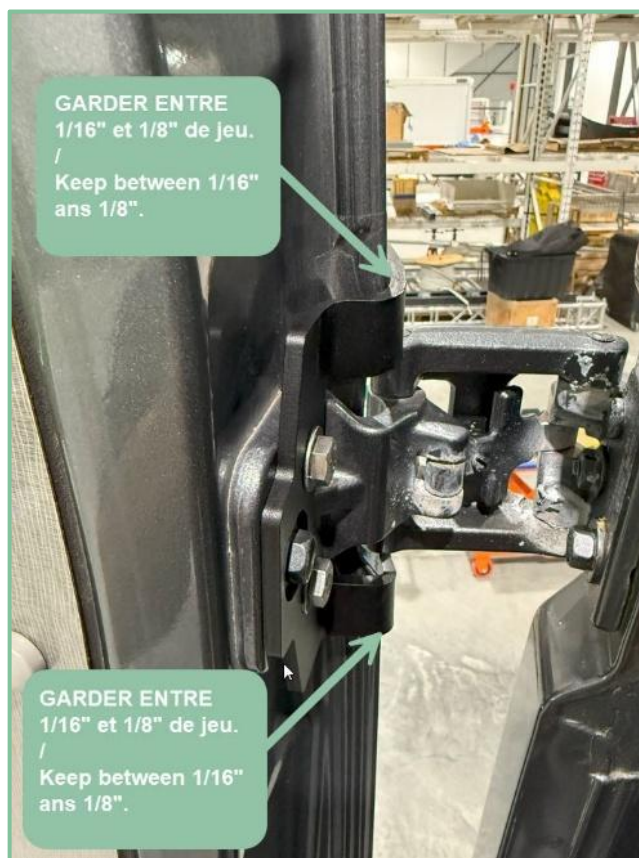
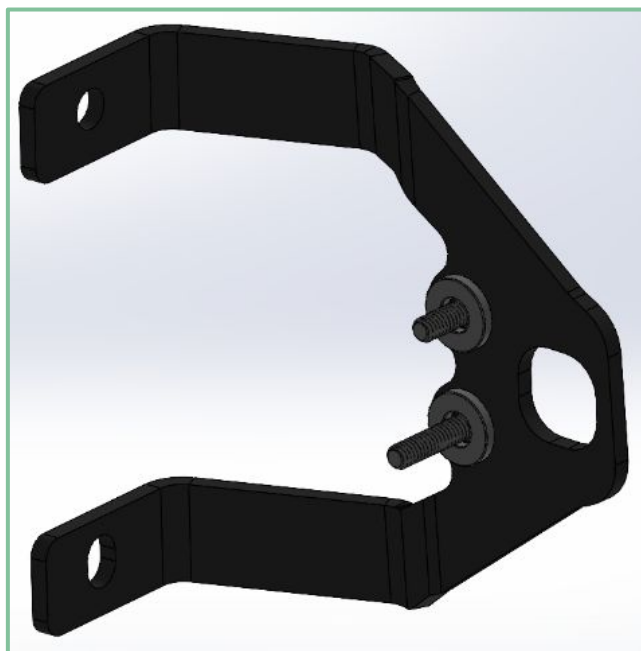
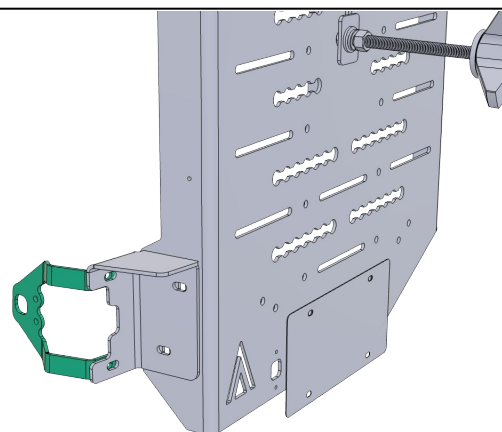


6

INSTALLING THE HINGES PLATES

6.3 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.



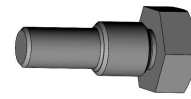
6

INSTALLING THE HINGES PLATES

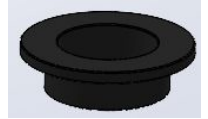
****We suggest protecting the front face of the upper hinge with a 3M clear sticker to prevent any damage to the hinge. ****



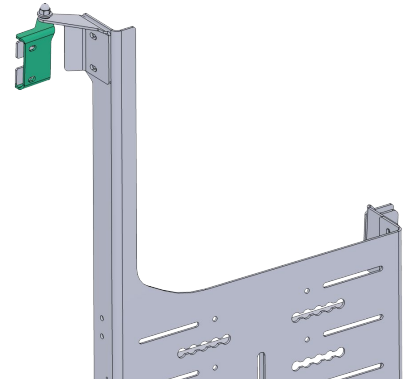
HARDWARE



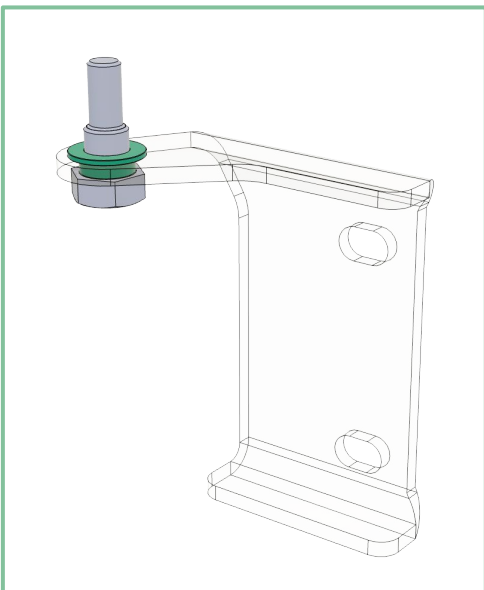
1x3/8" Special SS Hex Bolt



1x Shoulder Washer



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



6

INSTALLING THE HINGES PLATES

6.5 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



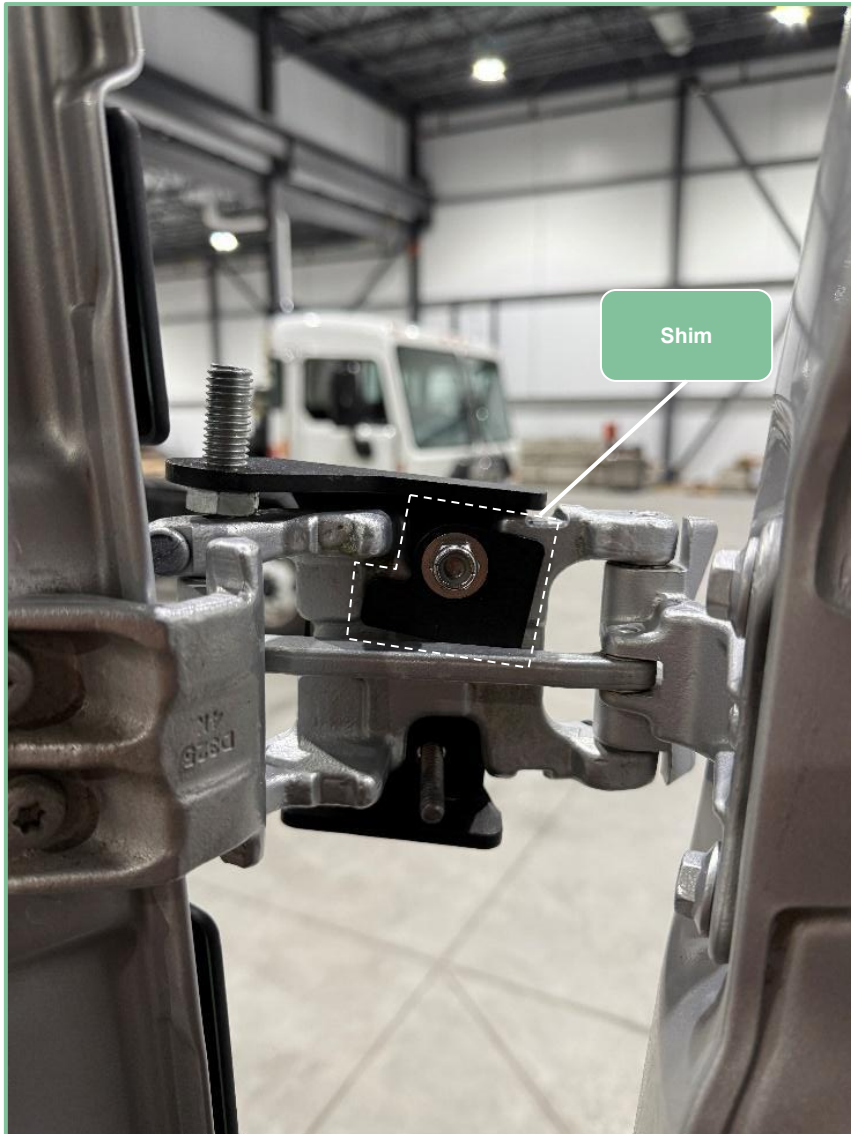
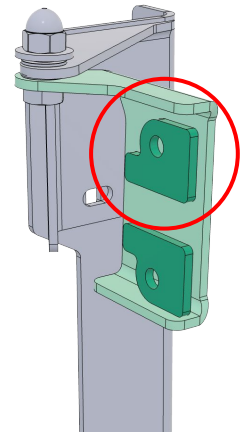
2x 3/8" x 1-1/2" SS
Button Head Bolts



4x 3/8" SS Washers



2x 3/8" SS Nylon Lock Nuts



6

INSTALLING THE HINGES PLATES

6.6 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. ****

HARDWARE



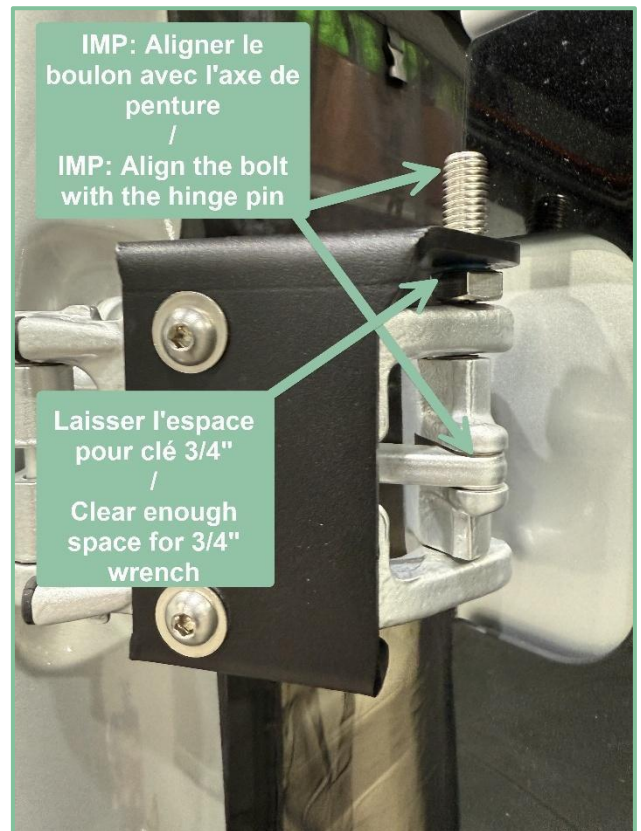
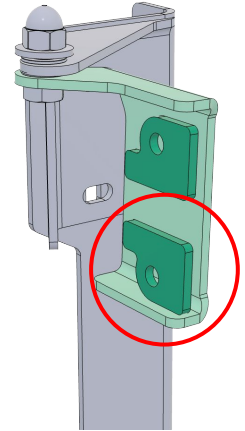
2x 3/8" x 1-1/2" SS
Button Head Bolts



4x 3/8" SS Washers



2x 3/8" SS Nylon Lock Nuts



7

ASSEMBLING THE CARRIER ONTO THE HINGES PLATES

7.1 Bring the main panel of the door carrier close.



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



HARDWARE



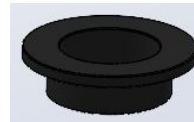
2x 3/8" x 1-1/4" SS
Button Head Bolts



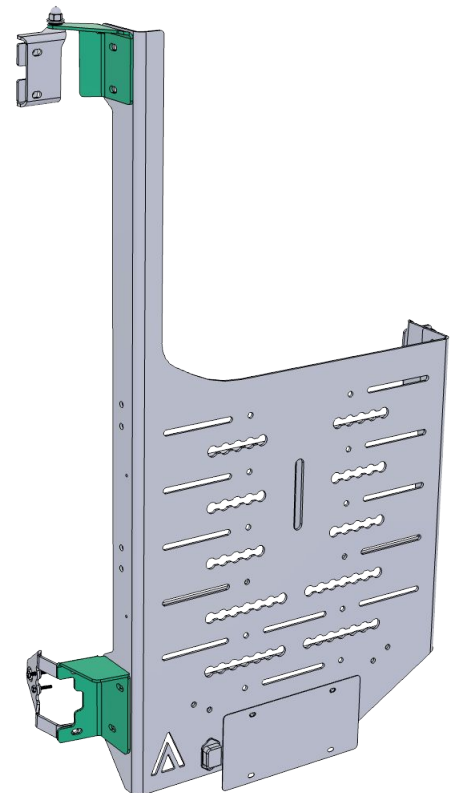
5x 3/8" SS Washers



3x 3/8" SS Nylon Lock Nuts



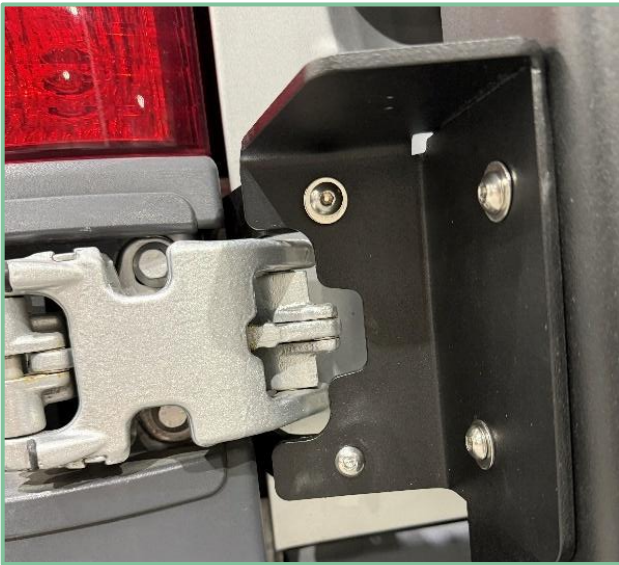
1x Shoulder Washer



7

ASSEMBLING THE CARRIER ONTO THE HINGES PLATES

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



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



HARDWARE



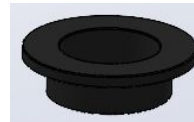
2x 3/8" x 1-1/4" SS
Button Head Bolts



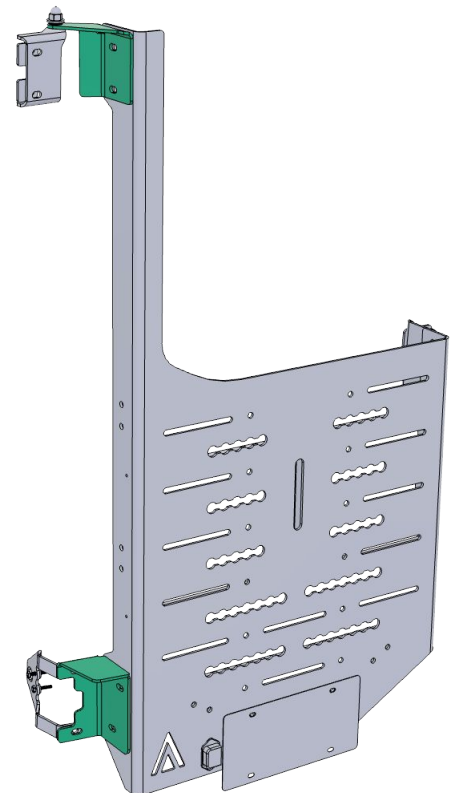
5x 3/8" SS Washers



3x 3/8" SS Nylon Lock Nuts



1x Shoulder Washer



7

ASSEMBLING THE CARRIER ONTO THE HINGES PLATES

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



HARDWARE



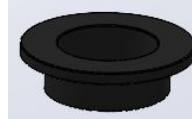
2x 3/8" x 1-1/4" SS
Button Head Bolts



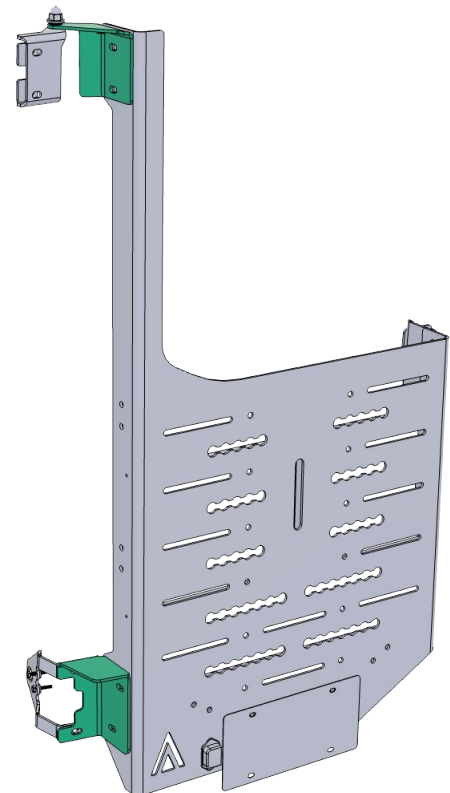
5x 3/8" SS Washers



3x 3/8" SS Nylon Lock Nuts



1x Shoulder Washer



7

ASSEMBLING THE CARRIER ONTO THE HINGES PLATES

7.6 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.

7.7 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



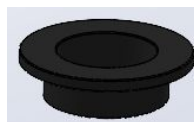
2x 3/8" x 1-1/4" SS Button Head Bolts



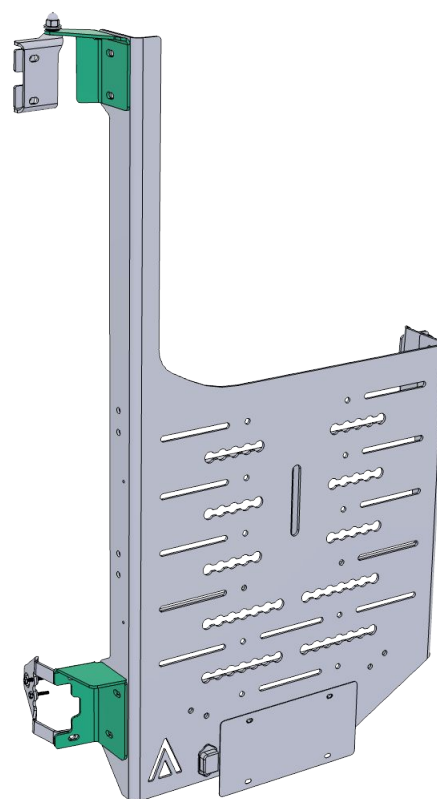
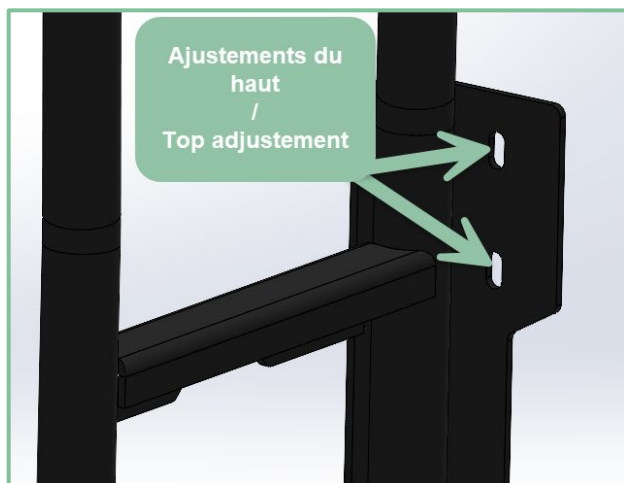
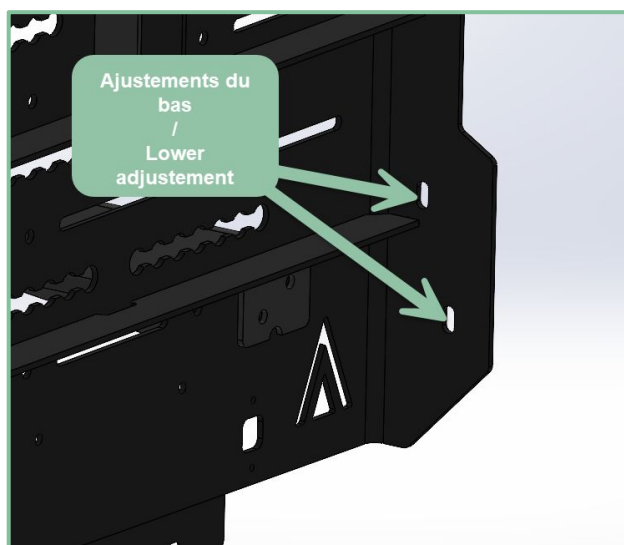
5x 3/8" SS Washers



3x 3/8" SS Nylon Lock Nuts

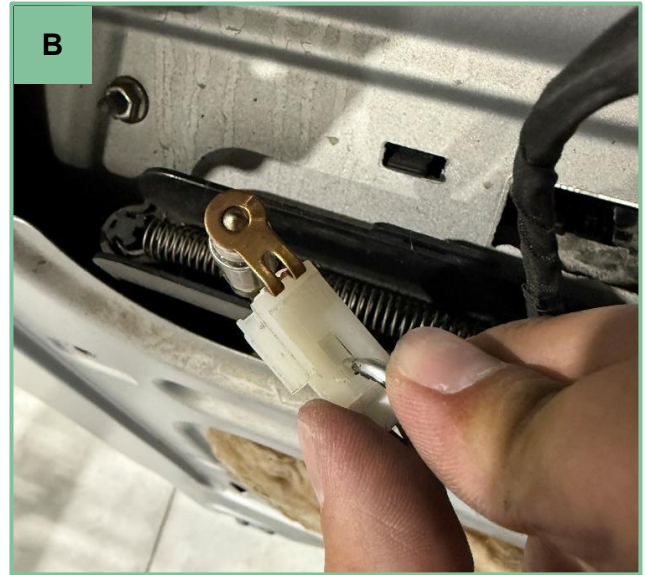


1x Shoulder Washer

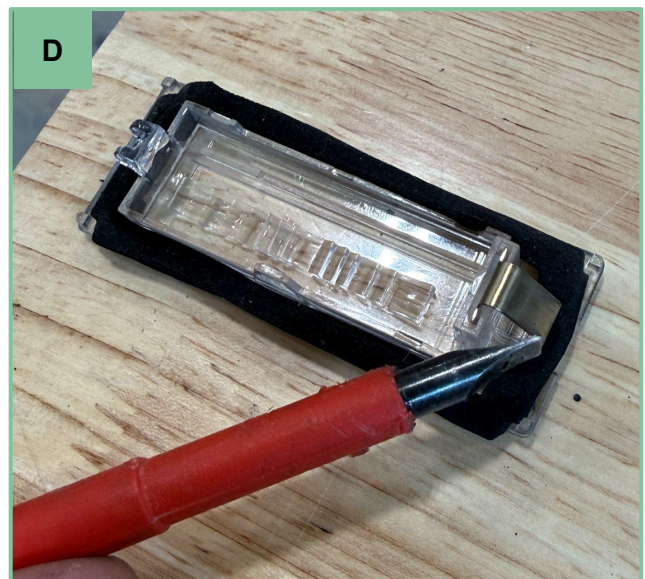
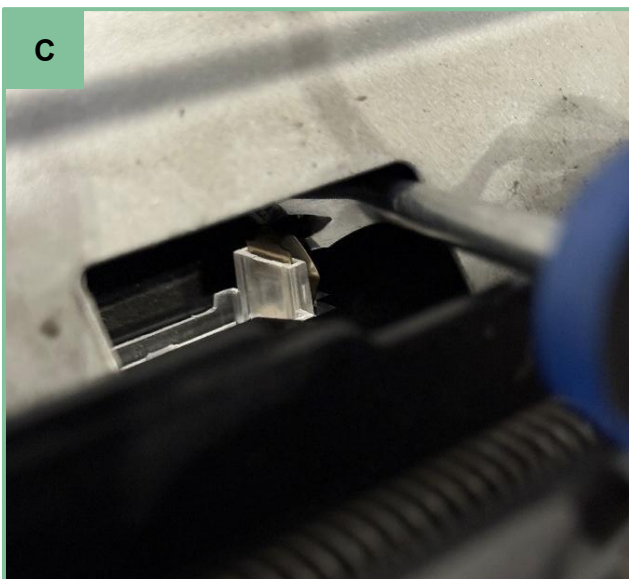


8 CONNECTING THE CARRIER LIGHT TO THE VEHICLE

8.1 Remove the left license plate light assembly from inside the door. (The connector is on the right when the door is open) **(A)**



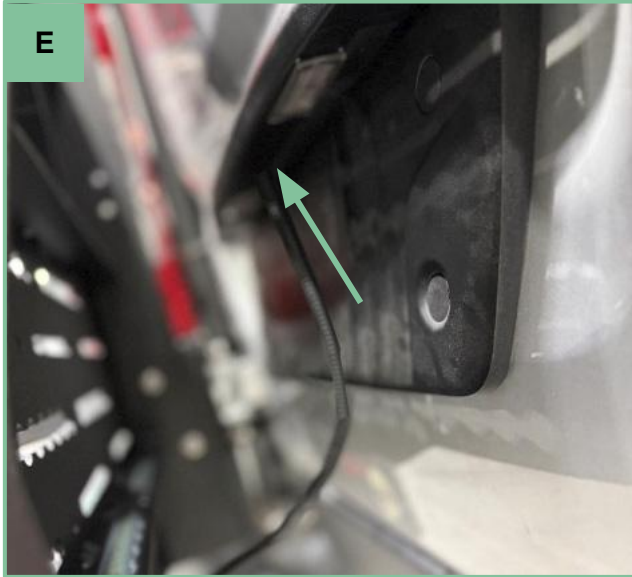
8.2 Remove the light guard from inside the door using a flathead screwdriver. There is a small metal plate that needs to be pushed **(D)**



8 CONNECTING THE CARRIER LIGHT TO THE VEHICLE

8.3 Route the carrier light cable through the hole of the removed vehicle light and guard (E)

8.4 Cut the Promaster light cable to remove the connector (F)

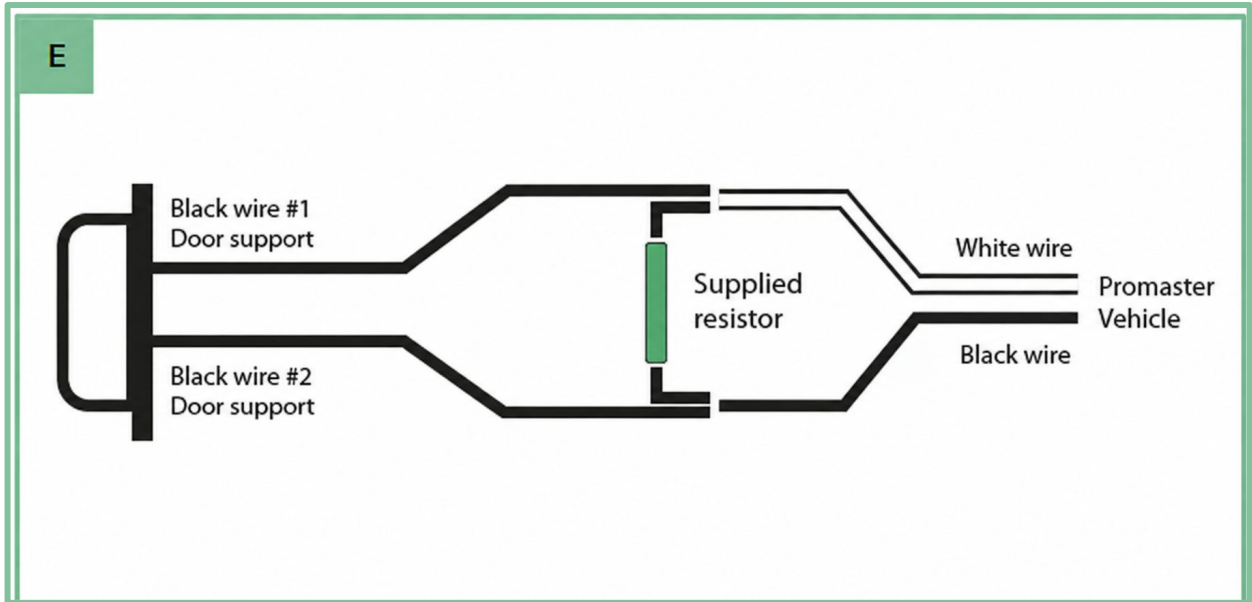


8.6 Strip the Black and White Promaster wires.

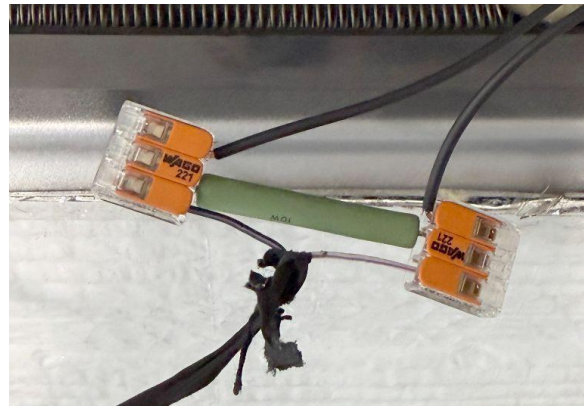


8 CONNECTING THE CARRIER LIGHT TO THE VEHICLE

8.5 Connect the carrier light to the Promaster wire by splicing the resistor in parallel. Slide the heat-shrink tubing onto the carrier light wire first. Connect the wires and secure them together. Then, slide the tubing over the entire assembly and apply heat to shrink it and finalize the connection.



Pro Tip: You can also use a 3-port WAGO-style connector to make the wiring process easier.



8 CONNECTING THE CARRIER LIGHT TO THE VEHICLE

8.7 To reinstall the protector, use pliers to create an opening in the lower edge.



9

INSTALLING THE CENTER ASSEMBLY PLATE

9.1 Gather the required hardware, parts, and tools.



HARDWARE



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



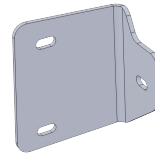
6x 3/8" SS Washers



3x 3/8" SS Nylon Lock Nuts



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



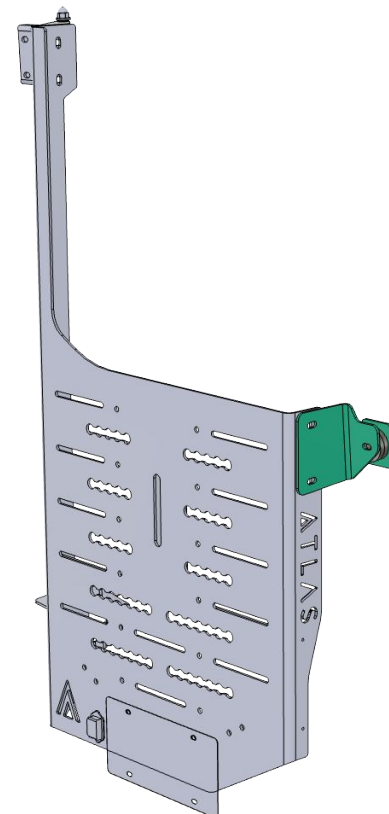
1 x Door Assembly Plate



1 x Door Reinforcement Plate



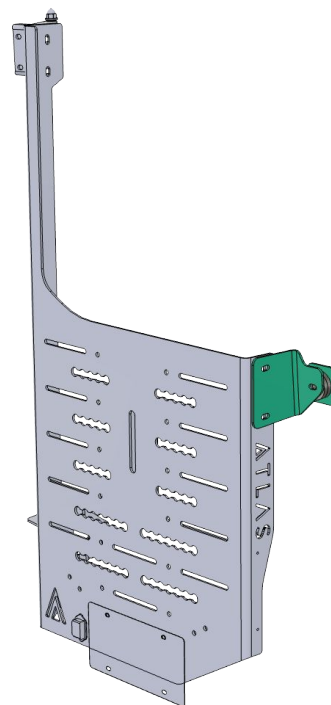
1 x 3/8" Neoprene Washer



9 INSTALLING THE CENTER ASSEMBLY PLATE

9.2 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.

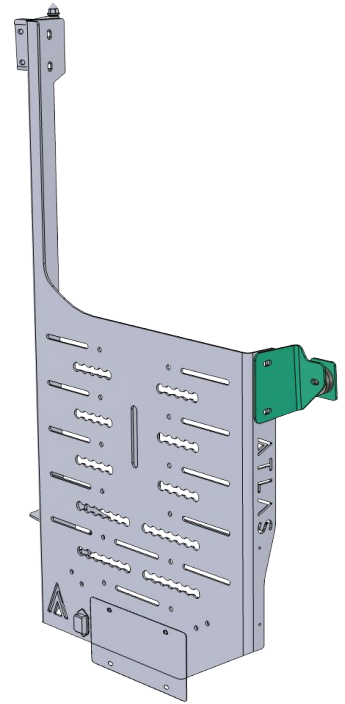
- Mettre de l'anti-seize sur les filets des boulons.
- Mettre une rondelle de l'autre côté du boulon et serrer les écrous fermement à la main



9

INSTALLING THE CENTER ASSEMBLY PLATE

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



9.4 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).

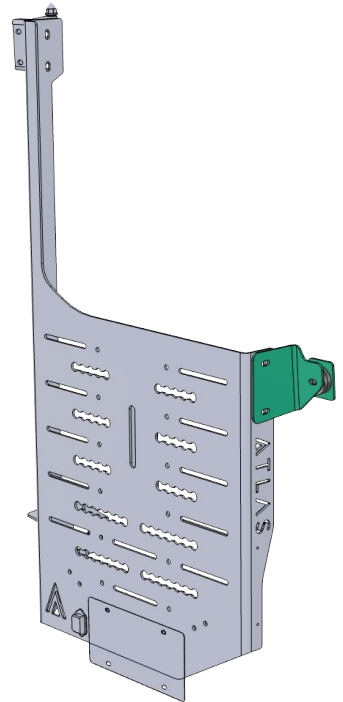
****ENSURE YOU MOVE THE PLATE OUT OF THE WAY BY UNSCREWING THE BOTTOM BOLT BEFORE DRILLING TO AVOID DAMAGING THE PLATE AND THE DOOR****



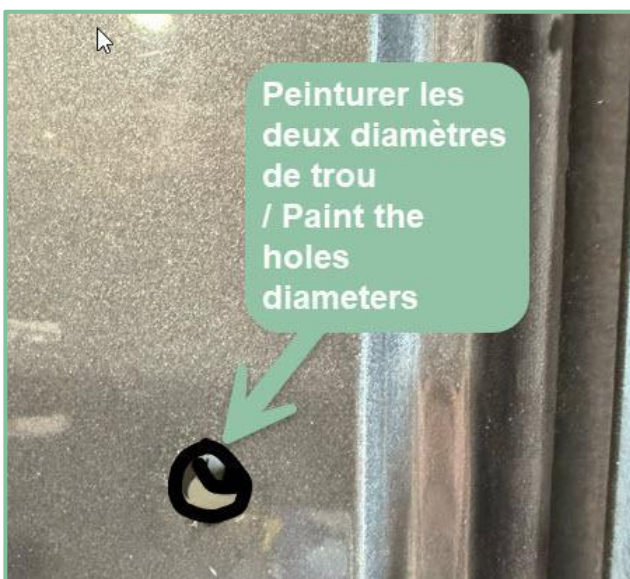
9

INSTALLING THE CENTER ASSEMBLY PLATE

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



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

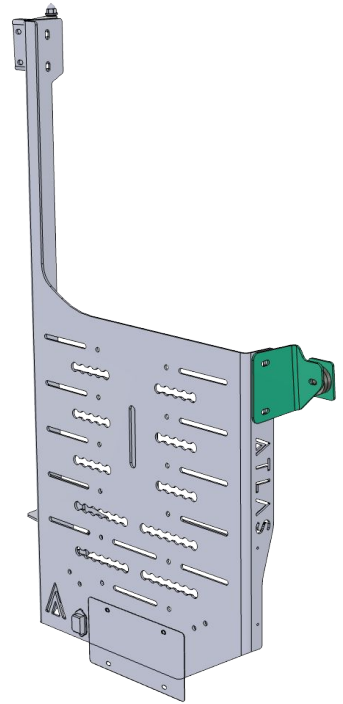


9

INSTALLING THE CENTER ASSEMBLY PLATE

9.7 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.

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



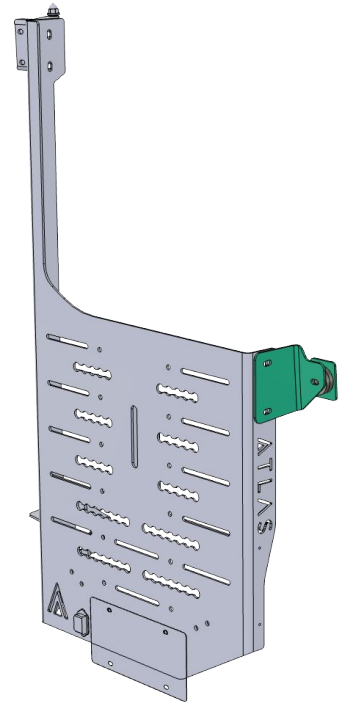
9 INSTALLING THE CENTER ASSEMBLY PLATE

9.9 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.



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



10 INSTALLING THE LICENSE PLATE

Securing the License Plate

- Place the washers onto the bolts.
- Insert the bolts through the support plates (top and bottom).
- Apply anti-seize to the threads.
- Place a washer and thread the nut on.
- Tighten to a torque of 15 Nm.

HARDWARE



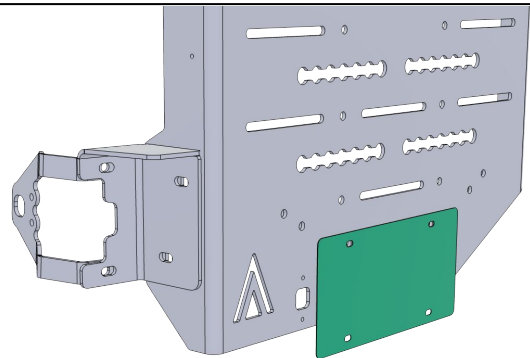
4x 1/4" x 3/4" SS Button Head Bolts



8x 1/4" SS Washers



4x 1/4" SS Nylon Lock Nuts.



11 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.



9

MOUNTING THE TIRE ONTO THE CARRIER (OPTIONAL)

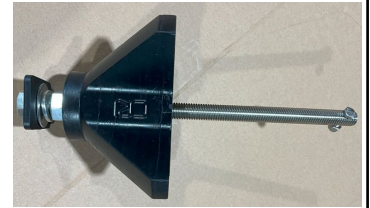
9.1 Gather the required materials, the tire mounted on its rim



COMPONENTS



ATLAS tightening handle



pre-assembled tire assembly.

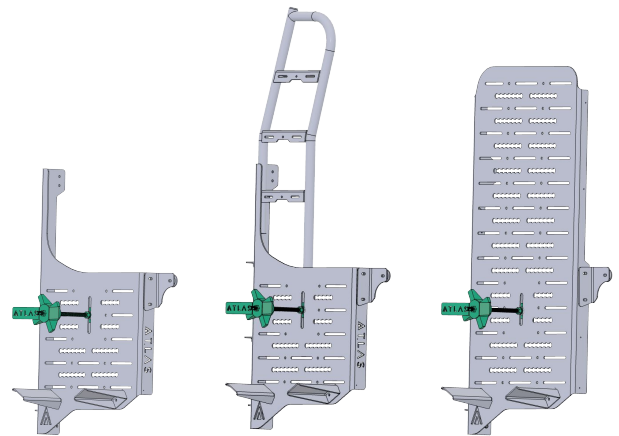


Illustration for reference only; actual parts may vary.

9

MOUNTING THE TIRE ONTO THE CARRIER (OPTIONAL)

9.2 Insert the bolt with a washer and the black plate behind the carrier.



9

MOUNTING THE TIRE ONTO THE CARRIER (OPTIONAL)

9.3 Insert a flat washer and a lock washer, then fully thread the nut. .



9.4 Position the bolt according to your tire's radius and tighten the assembly firmly in place.



9

MOUNTING THE TIRE ONTO THE CARRIER (OPTIONAL)

9.5 Place your tire onto the tire supports and slide it over the 5/8" bolt. Insert the urethane hub adapter.



9.6 Insert the urethane hub adapter.

**** NOTE :** If necessary, you can easily trim the urethane adapter if it is too deep for your tire setup. ******



9

MOUNTING THE TIRE ONTO THE CARRIER (OPTIONAL)

9.7 Firmly tighten the ATLAS tightening handle.



9.8 Thread the 1/4" bolt into the hole at the end of the 5/8" bolt, then thread and tighten the nut onto the bolt to lock everything in place



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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ATLAS
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