

ATLAS

R O A D C A M P

MERCEDES SPRINTER

Rear Door Racks – Driver Side

Tire rack

Tire Rack & Ladder Combo

Multifunction panel



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WARNINGS

SAFETY WARNINGS

****ATLAS Roadcamp is not responsible for any injury during the installation, maintenance and use of an ATLAS Roadcamp product.****

It may take several hours for an accessory to be installed for the first time.

Make sure you always:

- Be 2 people for the installation and/or assembly of an Atlas Roadcamp accessory
- For rack or ladder installation; Be secured with an approved safety harness and an approved anchorage point higher than the vehicle at all times when installing a side ladder. If this is not possible, at least 8-foot scaffolds and/or stepladders must be used on each side of the vehicle in order to work safely. The risk of falling from the top of a vehicle is significant.
- Wear cut-resistant gloves and safety glasses.

If you have any hesitations when installing an ATLAS Roadcamp accessory, stop work and contact ATLAS Roadcamp.

TECHNICAL WARNINGS

****FOR ALL BOLTS ASSEMBLED WITH A NUT, IT IS MANDATORY TO APPLY ANTI-SEIZE (ANTI-SEIZE) SUPPLIED WITH YOUR HARDWARE TO ENSURE THAT THE BOLT/NUT ASSEMBLY DOES NOT SEIZE. ****

If applicable for your accessory: **It is important that the square of the carriage bolts is fully engaged in the square bores before tightening.**

- Before starting the installation, it is advisable to apply a protection on the roof of your vehicle (plastic or cardboard) to protect it.
- All bolts and nuts must be tightened by hand (using ratchets, Allen wrenches and torque wrench).
- DO NOT use impact drivers, as the hardware is made of stainless steel, so it can easily grip and become unusable.
- Nylock nuts are used in the assembly of ATLAS brackets. It is not recommended to tighten and loosen this type of nut repeatedly.
- All assemblies without nylon nuts require the use of a thread blocking adhesive such as LOCTITE 242 or LOCTITE 243 or LOXEAL 54-03. It is important to apply it properly in the areas prescribed in this guide.

GENERAL WARNINGS

- The installation of an ATLAS Roadcamp accessory and any other components (fans, air conditioning, roof boxes, lighting components, etc.) on the exterior of your vehicle may cause or accentuate whistling, turbulence and/or vibrations. ATLAS Roadcamp is not responsible for any noise, hissing, vibration or turbulence caused by the addition of external components to the vehicle.
- ATLAS Roadcamp is not responsible for any increased fuel consumption of your vehicle as a result of the installation of a roof rack or side ladder.
- Respect the maximum roof loads as well as the maximum heights prescribed by the manufacturer of your vehicle.
- ATLAS Roadcamp is not responsible for other unintended uses or facilities.
- Any modification or alteration to an ATLAS Roadcamp accessory not approved by ATLAS Roadcamp may void the product warranty.
- The addition of components not approved by ATLAS Roadcamp may void the product warranty.

INTERVIEW

- All torques must be checked after the first 100 km and 500 km driven with the vehicle following the installation of a ladder.
- At each change of season, check that the hardware is properly tightened and the overall positioning of the ladder.

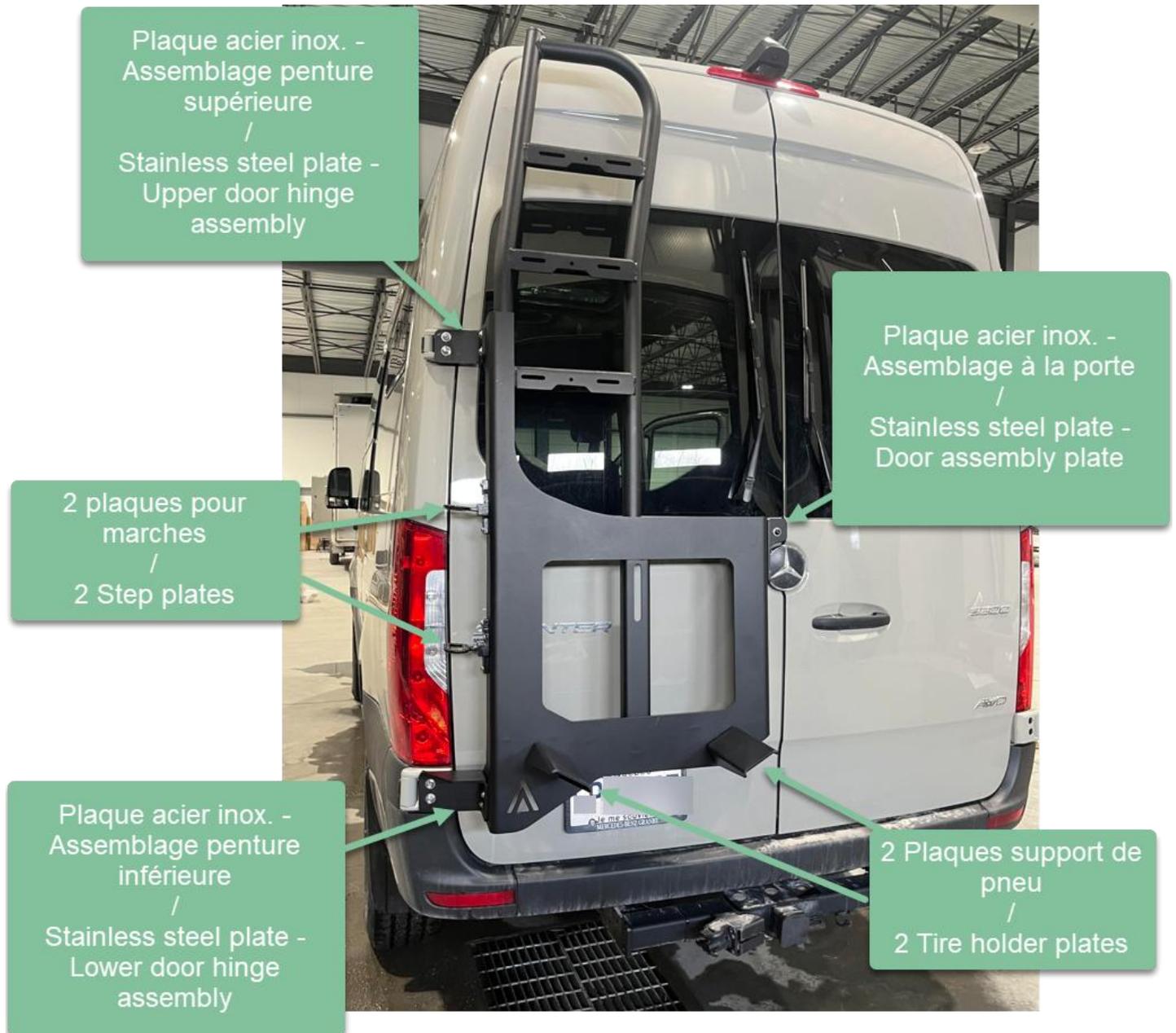
POLICY AND PRIVACY

The customer is responsible for being informed of the "policy and privacy" page of the Atlas Roadcamp website:
<https://atlasroadcamp.com/politique-de-confidentialite>

- ATLAS RC Limitations of Liability: ATLAS RC is not liable for any damages resulting from improper use, excessive loading, improper assembly, abuse, accident, neglect, improper installation, theft, or unauthorized modifications.

MATERIALS NEEDED

EQUIPMENT PROVIDED



Quantity	Description	Image	Utility
1	Bottom support plate		Bottom hinge assembly
1	Bottom hinge plate		Bottom hinge assembly
1	Top support plate		Upper hinge connection
1	Top hinge plate		Upper hinge connection
1	Center Plate		Assembly with the driver's side door

1	Round plate with welded sleeve		For 3/8 x 2 1/2" bolt routing with center plate For use with round neoprene + Sealing ring
1	Phibia Neoprene Round 3/8 Thick		For 3/8 x 2 1/2" bolt routing with center plate For use with round plate + sealing ring
1	Sealing ring	 O-Rings	
Optional – Only with the tire rack option			
Quantity	Description	Image	Utility
2	Tire supports		
2	Pegs		Serve as steps to climb the ladder
1	Bolt 5/8" x 12"		Tire retaining bolt
1	Bolt Retainer Plate 5/8" x 12"		Pre-assembled on the bolt
1	Urethane hub adapter		Pre-assembled on the bolt

1	Clamping handle		Tighten the tire in place
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A pouch of anti-seize.

****IMPORTANT: Put anti-seize on the threads of all bolts before inserting the nuts. ****



1 x Step drill to drill 7/8" into the outer wall of the door



Qty Total	PRT number		Description
22	Washer SS 3/8		
11	Nylock SS 3/8		
1	Button Head Bolt SS 3/8 X 2-1/2"		À travers la porte
10	Button Head Bolt SS 3/8 X 1-1/4"		Toutes les boulons sont identiques
1	Anti-seize		

Optional – Only with spare tire option

Qty Total	Description	Image	Utility
8	Washer SS 3/8		
4	Nylock SS 3/8		
4	Button Head Bolt SS 3/8 X 1-1/4"		
3	Washer SS 5/8		Assembled on the bolt
2	Split washer SS 5/8		Assembled on the bolt
1	NUT 5/8 Zinc plated (NOT NYLOCK and NOT SS)		Assembled on the bolt
1	Hex head 1/4 x 1		Assembled on the bolt
1	Nylock 1/4		Assembled on the bolt
1	Boulon 5/8 SS 14"		Assembled on the bolt

Optional – Only with the Pegs option

Qty Total	Description	Image	Utility
8	Washer SS 3/8		
4	Nylock SS 3/8		
4	Button Head Bolt SS 3/8 X 1-1/4"		

NECESSARY TOOLS AND MATERIALS NOT INCLUDED

EZLINER

Metal Paint



INSTALLATION STEPS

1. COMPONENT ASSEMBLIES ON THE RACK

*****If applicable – option tire holder and footrest, otherwise go to step 2.*****

1.1 Assemble the 2 pegs (TIRE AND LADDER COMBO ONLY)



REQUIRED MATERIALS

- 4 Round Head Bolts 3/8" x 1-1/4"
- 8 x 3/8" washers
- 4 x 3/8" nuts

ASSEMBLY STEPS

- Insert the washers onto the bolts.
- Insert the bolts through the pegs and rack.
- Put anti-seize on the threads.
- Insert a washer and screw in the nut.
- Tighten to a 30 Nm torque.



1.2 Assemble the 2 Tire Mounts (Tire Rack Only)



REQUIRED MATERIALS

- 4 Round Head Bolts 3/8" x 1-1/4"
- 8 x 3/8" washers
- 4 x 3/8" nuts

ASSEMBLY STEPS

- Insert the washers onto the bolts.
- Insert the bolts through the tire supports and rack.
- Put anti-seize on the threads.
- Insert a washer and screw in the nylock.
- Tighten to a 30 Nm torque.

2. REMOVE THE PLASTIC PANEL INSIDE THE VEHICLE DOOR
- Simply pull gently on the panel so as not to break the plastic anchors.
 - Remove all plastic anchors from the door.
 - Reposition the door panel so that it can be clipped on again at the end of the installation

****NOTE: If you have a windshield wiper in the rear window, see APPENDIX of this guide.****



Tirer
délicatement
/
Gently pull



3. ASSEMBLE THE BOTTOM HINGE PLATE



REQUIRED MATERIALS

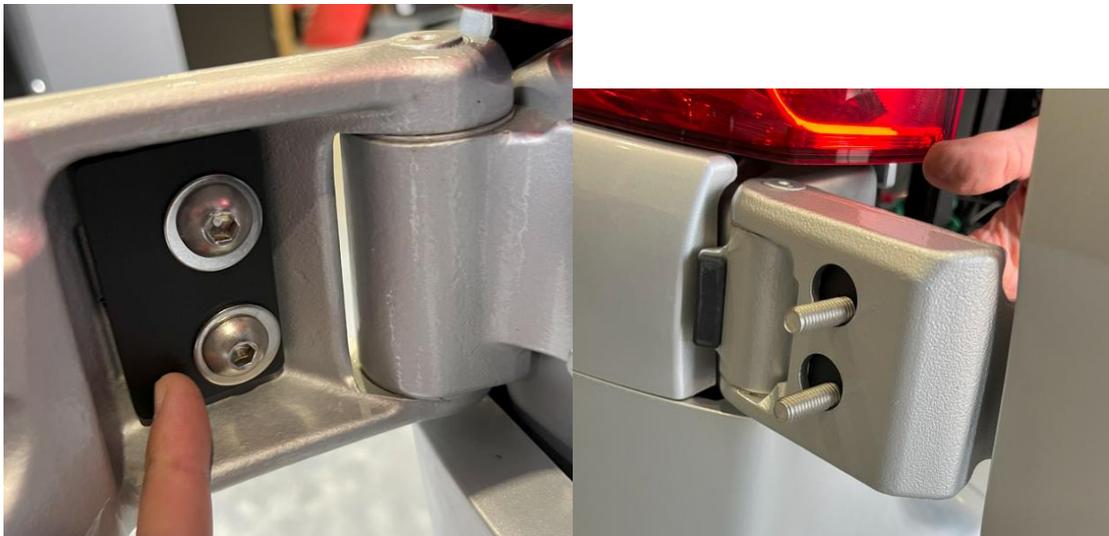
- 2 Round Head Bolts 3/8" x 1-1/4"
- 4 3/8" washers
- 2 x 3/8" nuts



3.1 Insert the washers onto the bolts and insert the bolts through the Bottom hinge plate that goes behind the hinge.



3.2 Then insert the assembly into the holes of the lower hinge.



3.3 Insert the Bbottom support plate, insert the washers and screw in the nuts manually



3.4 Tighten the bolts slightly with a ratchet wrench so that the plates. It is important **that they can still move to be adjusted.**

4 ASSEMBLE THE TOP HINGE PLATE



REQUIRED MATERIALS

- 2 Round Head Bolts 3/8" x 1-1/4"
- 4 3/8" washers
- 2 x 3/8" nuts



4.1 Insert the washers onto the bolts and insert the bolts through the top hinge plate that goes behind the hinge. Then insert the assembly into the holes of the upper hinge.



4.2 Insert the top support plate in front of the hinge, insert the washers and screw in the nuts manually



4.3 Tighten the bolts slightly with a ratchet wrench so that the plates. It is important **that they can still move to be adjusted.**

5 ASSEMBLE THE SUPPORT ON THE SUPPORT PLATES



REQUIRED MATERIALS

- 4 Round Head Bolts 3/8" x 1-1/4"
- 8 3/8" washers
- 4 x 3/8" nuts

5.1 It takes 2 people to perform this task. Take the rack and position it so that you can assemble it to the 2 support plates assembled in the previous steps.



5.2 Insert a washer onto a bolt. Insert the bolt through the top support plate and rack. Insert a washer and screw in a nut manually.



5.3 Repeat the previous step on the bottom hinge plate while making sure that the 2nd person holds the support in position.



5.4 Repeat the previous steps to add the 2nd bolts

5.5 Tighten the 4 bolts connecting the bracket to the 2 hinge plates to a 30 Nm torque with Allen wrench and ratchet wrench.

**** DO NOT tighten the bolts between the hinge plates and the hinges right away to allow for adjustment to install the center plate****



6 INSTALL THE ON-DOOR ASSEMBLY PLATE

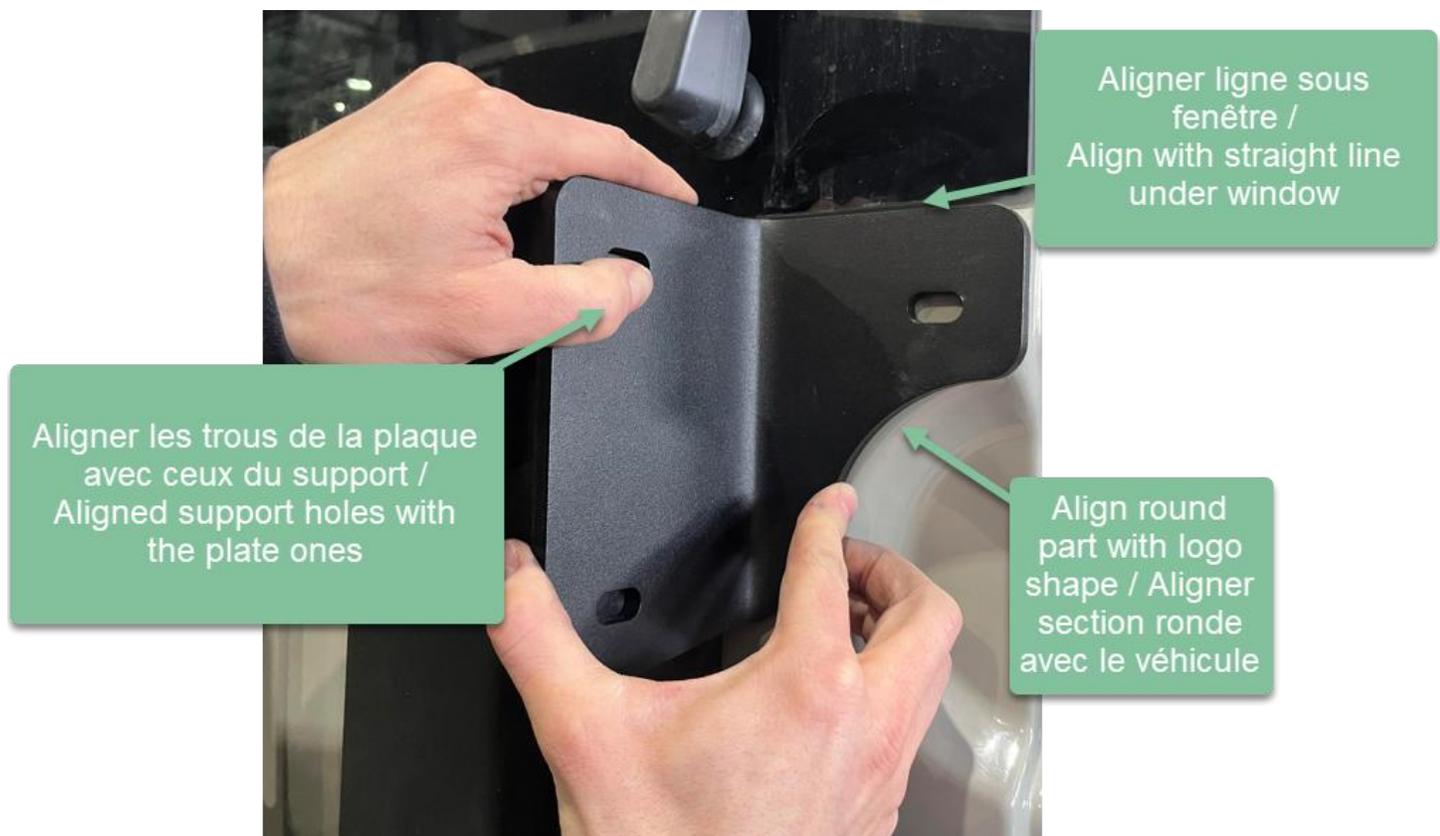


Plaque
assemblage à la
porte
/
On-Door assembly
plate

REQUIRED MATERIALS

- 2 Round Head Bolts 3/8" x 1-1/4"
- 1 round head bolt 3/8" x 2-1/2"
- 6 3/8" washers
- 3 x 3/8" nuts
- Sealing ring
- Round plate with welded sleeve
- A 3/8" round neoprene

6.1 COMPLETE THIS STEP WITH THE 2 DOORS CLOSED TO FACILITATE POSITIONING. Position the plate on the vehicle **in line with the assembly holes on the rack + the round shape of the Mercedes logo + the line under the window** and pressing the plate on the vehicle. See photo below for reference.



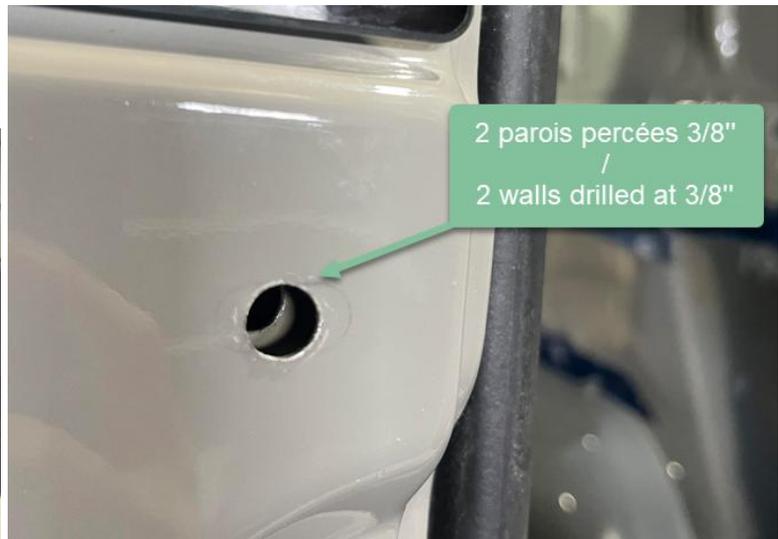
6.2 Mark the position of the slotted hole on the door with a pencil



6.3 Use a 3/16" drill bit to drill the outside wall + the 2nd wall inside the door (so there are 2 sheets to drill 3/16")

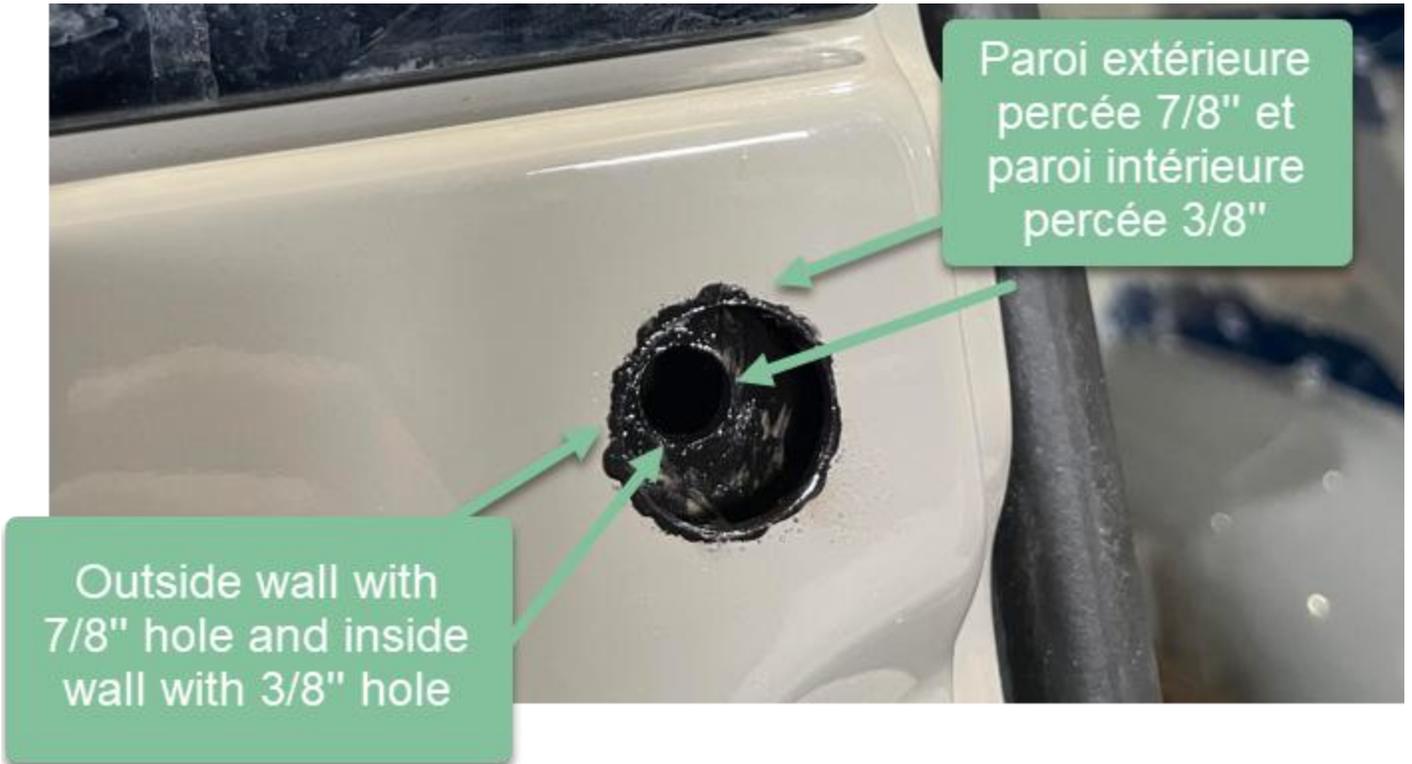


6.4 Pierce the 2 walls with a 3/8" drill bit

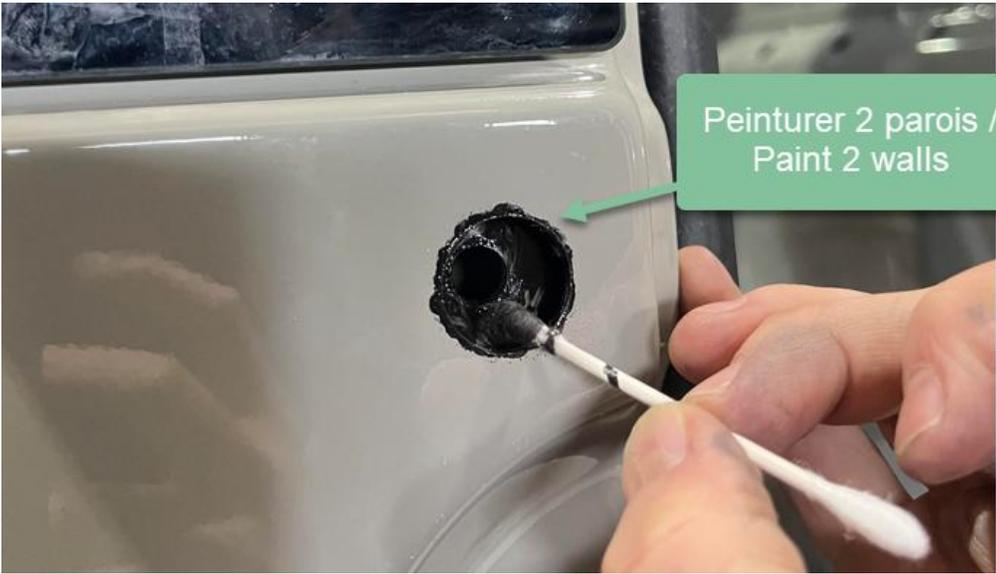


6.5 With the step drill bit supplied with your product. Drill **ONLY THE FIRST OUTER WALL** to a diameter of **7/8"**. The bore of the inner wall should **NOT** be enlarged.





6.6 Paint the 2 pierced sheets with appropriate metal paint and wait for it to dry.



6.7 Insert the sealing ring onto the round plate



6.8 Insert the assembly into the 7/8" hole



6.9 Position the 3/8" neoprene in relation to the bore



6.10 Insert a washer over the 3/8" x 2 1/4" bolt. Insert the bolt into the On-Door assembly plate.



6.11 Insert the bolt into the neoprene and bores made in the vehicle



6.12 Inside the door, insert a washer and screw in a 3/8" nut manually. This step is tricky, you have to be careful not to drop the nut in the door



6.13 Tighten the assembly until the outer neoprene is slightly domed. Approximately 12-16 Nm.





6.14 Insert washers on the 3/8" bolts. Insert the bolts into the center plate and into the bracket.



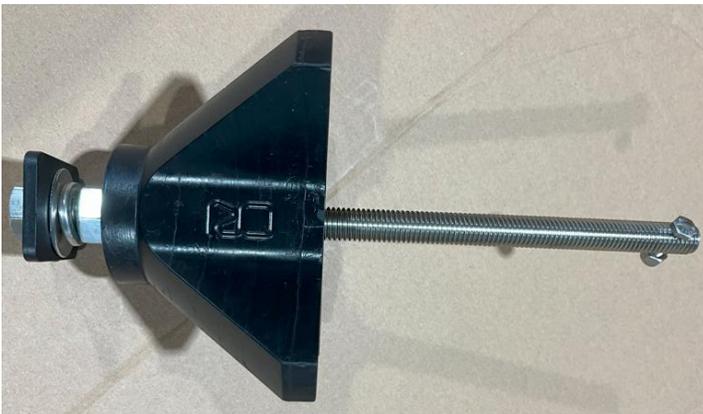
6.15 Tighten the assembly to a torque of 30 Nm.

7 TIRE ASSEMBLY



REQUIRED MATERIALS

- The pre-assembled kit
- The ATLAS engraved clamping handle



7.1 Insert the bolt with a washer and the black plate behind the bracket



7.2 Insert a flat washer, a lock washer and screw in the nut completely.



7.3 Position the bolt according to the radius of your tire and tighten the assembly firmly in place



7.4 Place your tire on the tire supports and insert through the 5/8" bolt



7.5 Insert the urethane hub adapter

****NOTE: If needed, you can easily cut the urethane adapter if it is too deep for your tire****



7.6 Screw the ATLAS clamping handle firmly



7.7 Screw the 1/4" bolt into the hole at the end of the 5/8" bolt and screw the nut onto the bolt to lock everything in place



8 ANNEX

- 8.1 If your vehicle is equipped with a rear windshield wiper, it is best to temporarily move the wiper motor to facilitate installation. It should NOT be removed
- 8.2 Unscrew the bolts, rotate the engine
- 8.3 Reinstall at the end of the installation

