

ATLAS

R O A D C A M P

RAM PROMASTER

Rear Door Racks – Passenger Side

Multifunction panel



TABLE OF CONTENTS

WARNINGS.....	1
SAFETY WARNINGS.....	1
TECHNICAL WARNINGS	1
GENERAL WARNINGS	2
INTERVIEW	2
POLICY AND PRIVACY	2
MATERIALS NEEDED	3
EQUIPMENT PROVIDED	3
HARDWARE PROVIDED	6
NECESSARY TOOLS AND MATERIALS NOT INCLUDED.....	6
INSTALLATION STEPS	7
1. COMPONENT ASSEMBLIES ON THE SUPPORT	7
2. REMOVE THE PLASTIC PANEL INSIDE THE VEHICLE DOOR.....	8
3. PLACEMENT OF SUPPORTS ON HINGES.....	9
4. ASSEMBLE THE SUPPORT ON THE HINGE PLATES.....	13
5. INSTALL THE LIGHT.....	Erreur! Signet non défini.
6. INSTALL THE CENTER MOUNTING PLATE	18
7. TIRE ASSEMBLY.....	Erreur! Signet non défini.

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.

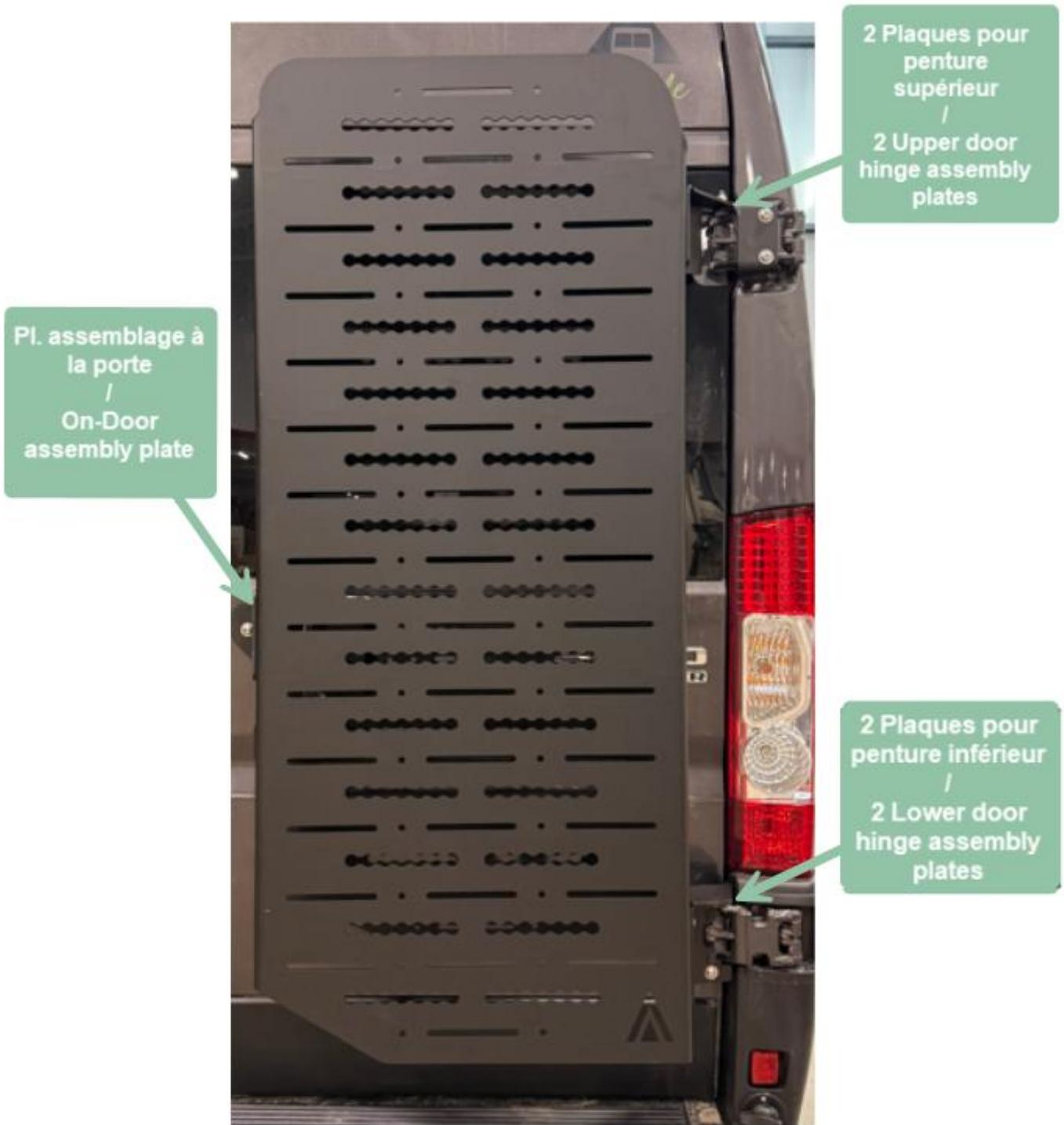
POLICY AND PRIVACY

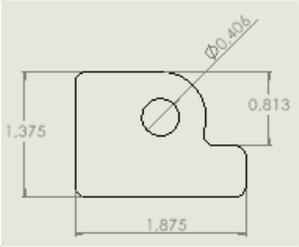
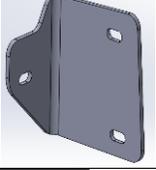
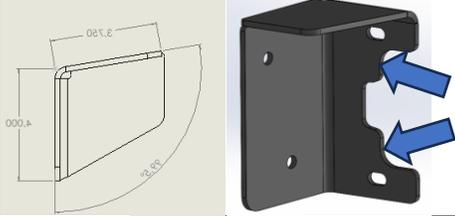
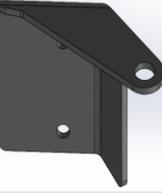
The customer is responsible for being informed of the "policy and privacy" page of the Atlas Roadcamp website:
<https://atlasroadcamp.com/politique-de-confidentialite>

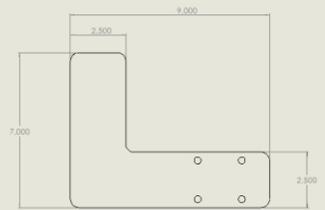
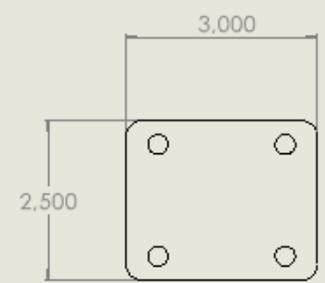
- ATLAS RC Limitations of Liability: ATLAS RC is not liable for any damages resulting from improper use, excessive loading, improper assembly, abuse, accident, neglect, improper installation, theft, or unauthorized modifications.

MATERIALS NEEDED

EQUIPMENT PROVIDED



Quantity	Description	Image
2	Phibia Neoprene Round 3/8 Thick	
1	Top hinge plate	
1	Bottom hinge plate	
2	Shim	
1	On-door assembly plate	
1	Bottom support plate	
1	Top support plate	
1	Reinforcement plate	

1	Handle	
1	Counter Handle	
3	Clear 3M Squares	

A pouch of anti-seize

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



HARDWARE PROVIDED

Quantity	Description	Image	Usefulness
22	Washer SS 3/8		
12	Nylock SS 3/8		
8	Button Head Bolt SS 3/8 X 1-1/4"		
3	Button Head Bolt SS 3/8 X 1-1/2" A SEPARATE BAG		
			Through the Door
1	Hex Bolt 3/8" Special		
2	Shoulder Washer		
4	Hex Head Bolt SS 1/4 X 1.75"		
			Door handle
8	Washer SS 1/4		Door handle
4	Nylock SS 1/4		Door handle
1	Anti-Seize		

NECESSARY TOOLS AND MATERIALS NOT INCLUDED

EZLINER

Metal Paint



INSTALLATION STEPS

1. COMPONENT ASSEMBLIES ON THE RACK
 - 1.1. Assemble the support plate (Top and bottom)



REQUIRED MATERIALS

- 6 Round Head Bolts 3/8" x 1-1/4"
- 12 3/8" pucks
- 6 x 3/8" nuts

- Insert the washers onto the bolts.
- Insert the bolts through the support plate (Top and bottom)
- Put anti-seize on the threads.
- Insert a washer and screw in the nut.
- Tighten slightly, make sure there is some movement between the plates for fit.

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



3. PLACEMENT OF SUPPORTS ON HINGES

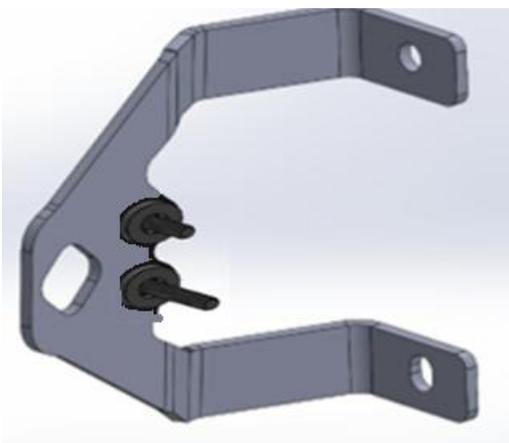
3.1 BOTTOM SUPPORT

REQUIRED MATERIALS

- Remove the bolts (top and bottom) from the bottom hinge on the door



- Insert the bolts through the bottom hinge plate.
- Install the bottom hinge plate.
 - Make sure you have between 1/16" and 1/8" of clearance between the arms of the stand and the door.
 - Use 5/16" washers to space as needed.
- Put anti-seize on the threads.
- Tighten to a torque of 24 Nm.



- Protect the paint with vinyl by sticking it to the indicated areas.
- Clean the surface on each side of the hinges, let dry and apply the clear 3M square



3.2 TOP SUPPORT

**We suggest protecting the front panel from the top hinge to prevent damage to the hinge.



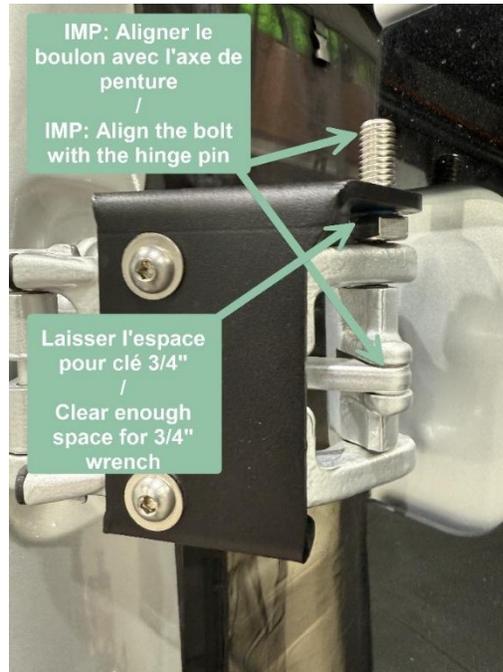
- Place the bolt with shoulder and the bearing on the upper hinge plate.



- Position the upper hinge plate on the upper hinge using a 3/8" X 1.5" bolt, 2 washers, a nut and the upper hinge anchor. Tighten the nut by hand only.



- Repeat for the bottom anchor and tighten both bolts tightly while making sure to place the shoulder bolt as close to the hinge rod as possible. Make sure to leave a space for your 3/4" wrench and place the plate horizontally.

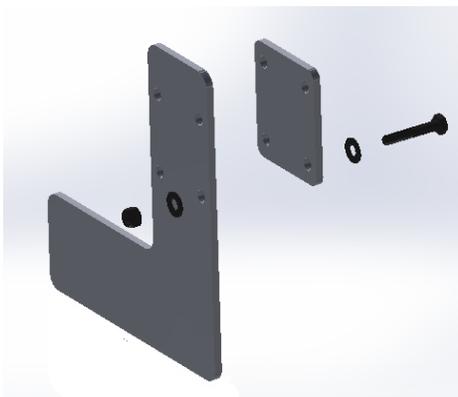


4. ASSEMBLE THE HANDLE

REQUIRED MATERIALS

- 4 Hex Bolt 1/4" x 1-3/4"
- 8 1/4" washers
- 4 1/4" nuts

1. Insert the 2 bolts with washers into the holes to the right of the handle and then into the counter-handle and put the washers and nuts (Don't forget the anti-seize), tighten slightly.
2.), tighten slightly.
3. Insert the 2 bolts with washers into the holes to the left of the handle and then into the counter-handle and put the washers and nuts (Don't forget the anti-seize), tighten slightly.
4. Place the handle so that it is centered and tighten the 4 nuts alternately until the handle no longer moves.



5. ASSEMBLE THE SUPPORT ON THE HINGE PLATES



REQUIRED MATERIALS

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

5.1. Take the complete rear door rack and pass it through the top bolt.



5.2. Insert a washer onto the bolt. Insert the bolt through the bottom support plate and the bottom hinge plate.



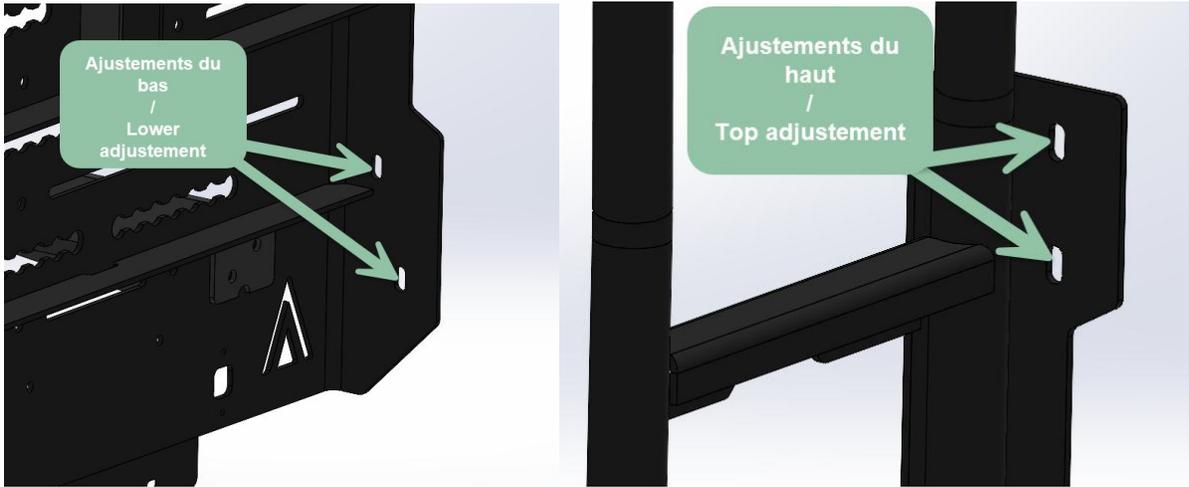
5.3. Insert a washer and screw in a nut manually.



5.4. Place the washer and nut on the top shoulder bolt. Tighten to 10 Nm.



5.5. Repeat the previous steps to add the 2nd bolts and make sure the load is evenly distributed between the two brackets. Otherwise, use the adjustments in the door bracket plate.



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

6. INSTALL THE CENTER MOUNTING 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" pucks
- 3 x 3/8" nuts
- Door Plate Reinforcement Plate
- On-Door assembly Plate
- 2 x 3/8" round neoprene

ASSEMBLY STEPS

- Insert the washers onto the bolts and insert the bolts through On-Door assembly Plate. Then insert the assembly into rack.
- Put anti-seize on the threads of the bolts.
- Put a washer on the other side of the bolt and tighten the nuts tightly.



6.1. Mark the position of the hole on the door with a pencil



6.2. Drill the outer wall with a 3/16" drill bit



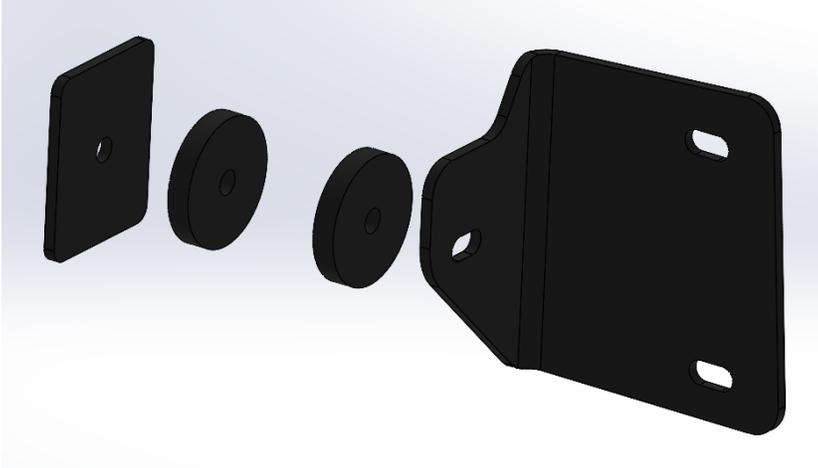
6.3. Drill the wall with a 3/8" drill bit



6.4. Paint the pierced sheet metal with appropriate metal paint and wait for it to dry.



- 6.5. Position the 3/8" neoprene in front of the bore and wedge it between the On-Door assembly plate and the van.
6.6. On the other side, insert the neoprene and the reinforcement plate on the bolt in this order.



- 6.7. Insert a washer over the 3/8" x 1 1/2" bolt.



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



6.9. Tighten all bolts of the assembly to a torque of 30 Nm.