FORD TRANSIT

Rear door rack – Driver side

Tire rack

Tire Rack & Ladder Combo

Multifunction panel

TABLE DES MATIÈRES

WARNINGS

SAFETY WARNINGS

ATLAS Roadcamp disclaims all responsibility for any injury related to the installation, maintenance, or use of an ATLAS Roadcamp product.
The initial installation of an accessory may take several hours.

Always ensure that you:

- Have two people for the installation and/or assembly of an ATLAS Roadcamp accessory.
- For the installation of a rack or a ladder: are secured with an approved safety harness and an approved anchor point higher than the vehicle at all times when installing a side ladder. If this is not possible, at a minimum use scaffolding and/or 8-foot step ladders on each side of the vehicle 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 doubts during the installation of an ATLAS Roadcamp accessory, stop work and contact ATLAS Roadcamp.

TECHNICAL WARNINGS

***** FOR ALL BOLTS ASSEMBLED WITH NUTS, IT IS MANDATORY TO APPLY THE ANTI-SEIZE COMPOUND PROVIDED WITH YOUR HARDWARE TO ENSURE THAT THE BOLT/NUT ASSEMBLY DOES NOT SEIZE.**
If applicable to your accessory: **It is important that the square shoulder of 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 ratchet wrenches, Allen keys, and a torque wrench.
- DO NOT use impact drivers, as the hardware is stainless steel and can easily seize and become unusable.
- Nylon-insert lock nuts (Nylock) are used in the assembly of ATLAS mounts. It is not recommended to tighten and loosen this type of nut repeatedly.
- All assemblies without Nylock require the use of a thread-locking adhesive such as LOCTITE 242, LOCTITE 243, or LOXEAL 54-03. It is important to apply it properly at the locations specified in this guide.

GENERAL WARNINGS

- Installation of an ATLAS Roadcamp roof rack or any other component (fans, air conditioning, Thule cargo box, etc.) on the roof of your vehicle may cause or accentuate hissings, vibrations and/or turbulence. Correct installation of the rack's wind fairing helps to reduce theses noises. However, ATLAS Roadcamp is not responsible for any noises, hissings, turbulences and/or vibration caused by the addition of roof components.
- ATLAS Roadcamp is not responsible for the increased fuel consumption of your vehicle as a result of the installation a roof rack.
- At all time, observe the maximum roof loads as well as the maximum heights prescribed by your vehicle's manufacturer.
- Distribute, as evenly as possible, the different loads on the 4 cross bars.
- ATLAS Roadcamp roof racks are designed to support RV roof items as solar panels, roof boxes and lighting LEDs. ATLAS Roadcamp disclaims all liability for uses or installations not intended for RVs.
- Any non-approved modification or alteration to an ATLAS Roadcamp rack will void the product warranty.
- The addition of items not approved by ATLAS Roadcamp will void the product warranty

Reminder: At any time, if you have any doubts about the installation, stop immediately and contact ATLAS Roadcamp.

MAINTENANCE

- All tightening torques must be verified after the first 100 km and 500 km traveled with your vehicle following the installation of a rack or a ladder.
- At each season change, verify the correct tightening of the hardware, the general positioning of the rack and the condition of the SIKA221 to ensure that the anchors are watertight.

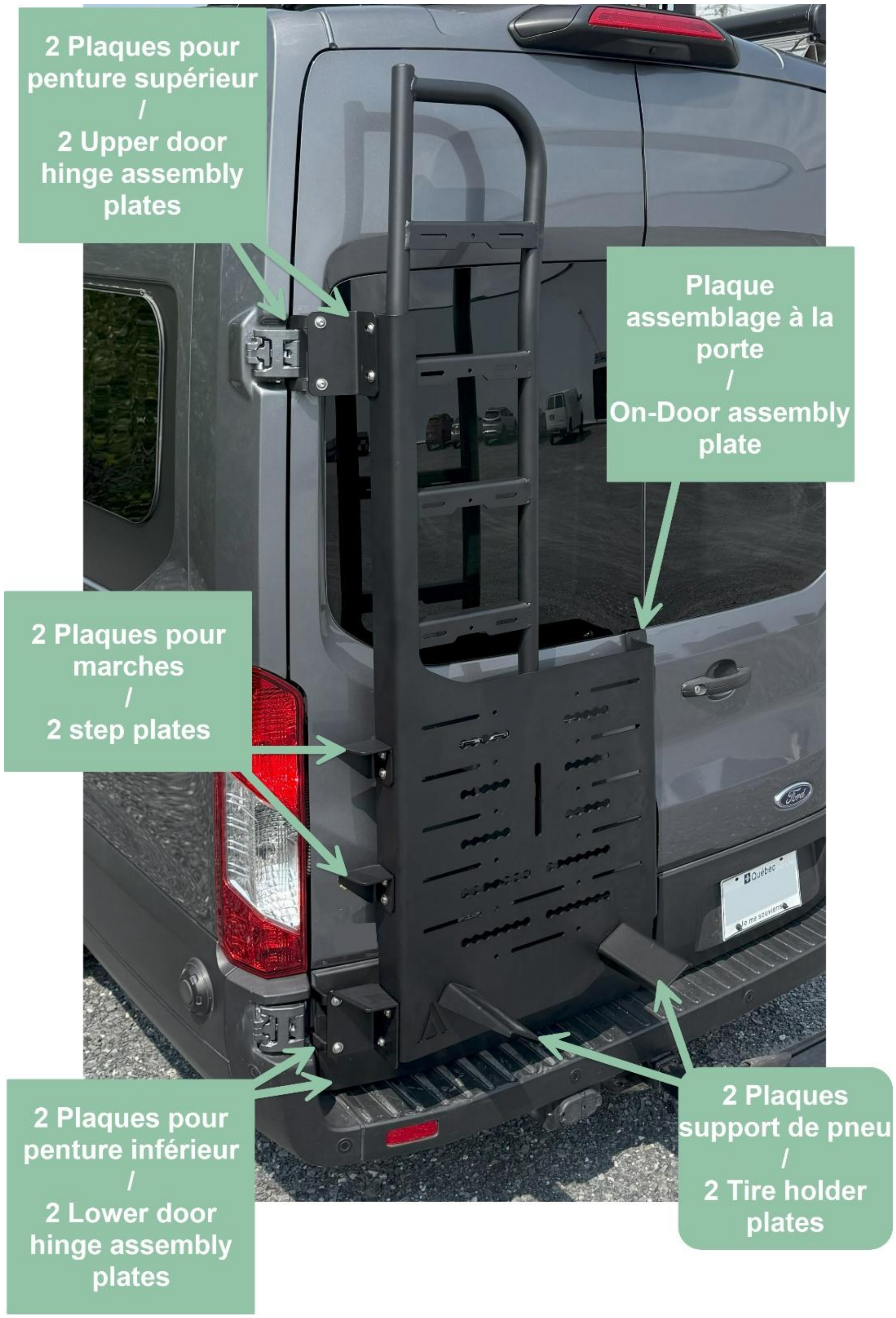
POLICY AND PRIVACY

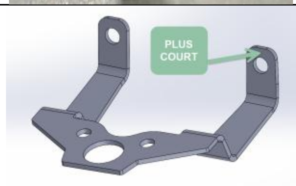
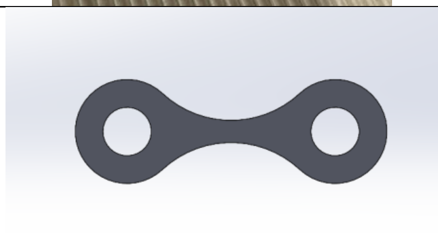
The customer is responsible for reviewing the "Privacy Policy" page on the Atlas Roadcamp website:
https://atlasroadcamp.com/politique-de-confidentialite

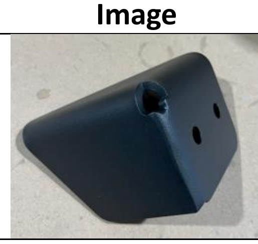
- ATLAS RC's Limitations of Liability: ATLAS RC is not liable for damages resulting from improper use, overloading, incorrect assembly, abuse, accident, negligence, improper installation, theft, or unauthorized modifications.

NEEDED MATERIALS

PROVIDED MATERIALS



Quantity	Description	Image	Utility
1	Bottom support plate		Bottom hinge assembly
1	Bottom hinge plate (Short)		Bottom hinge assembly
1	Top support plate		Upper hinge connection
2	Top hinge plate (Longer)		Upper hinge connection
2	Shim		
1	On-door assembly plate		Assembly with the driver's door
1	Reinforcement plate		For 3/8 x 2 1/4'' bolt routing with On-door assembly plate

2	Phibia Neoprene Round 3/8 Thick		For the 3rd point
4	3M Square Clear 2'' X 2''		
Optional – Only with the tire rack option			
Quantity	**Description**	**Image**	**Utility**
2	Tire supports		
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
Optional – Only with the ladder combo			
Quantity	**Description**	**Image**	**Utility**
2	Pegs		Serve as steps to climb the ladder

A pouch of anti-seize.

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

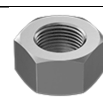
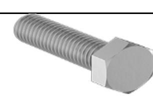
HARDWARE PROVIDED

Qty	Description		Utility
22	Washer SS 3/8		
11	Nylock SS 3/8		
1	Button Head Bolt SS 3/8 X 2-1/4''		Through the Door
10	Button Head Bolt SS 3/8 X 1-1/4''		All bolts are identical
1	Anti-seize		

Optional – Only with spare tire option

Qté Total	PRT number		Description
8	Washer SS 3/8		
4	Nylock SS 3/8		
4	Button Head Bolt SS 3/8 X 1-1/4''		

Optional – Only with the Pegs option

Qty	Description		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		Assemblé sur boulon
2	Split washer SS 5/8		Assemblé sur boulon
1	NUT 5/8 Zinc plated (**PAS** NYLOCK et **PAS** SS)		Assemblé sur boulon
1	Hex head ¼ x 1		Assemblé sur boulon
1	Nylock ¼		Assemblé sur boulon
1	Boulon 5/8 SS 14’’		Assemblé sur boulon

NECESSARY TOOLS AND MATERIALS NOT INCLUDED

EZLINER **Metal Paint**

INSTALLATION STEPS

1. COMPONENT ASSEMBLIES ON THE SUPPORT

*****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 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 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

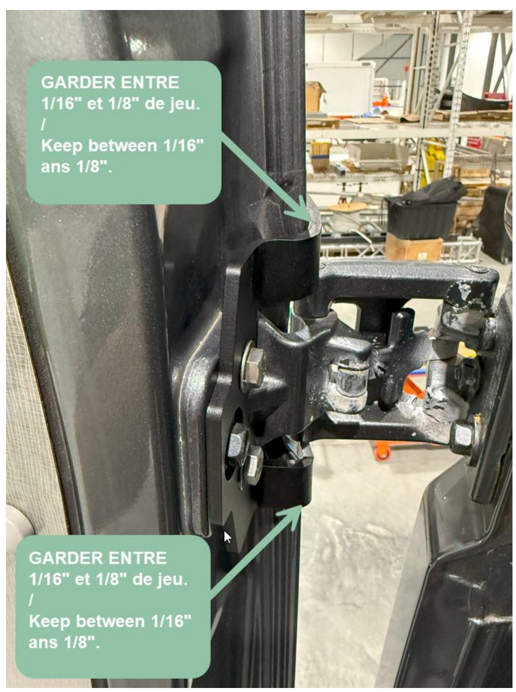
- Simply pull gently on the panel so as not to break the plastic anchors.
- Remove all plastic anchors from the door.
- Reposition them on the door panel so that it can be clipped on again at the end of the installation

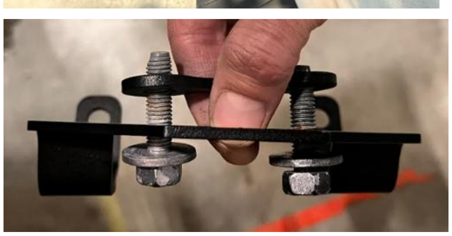

3. PLACEMENT OF SUPPORTS ON HINGES

3.1 BOTTOM SUPPORT

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

- Insert these same bolts through the bottom hinge plate (short).
- 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 the 1/8'' shim if necessary.
- Put anti-seize on the threads.
- Tighten to a torque of 24 Nm





3.2 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**

3.3 Repeat step 3.1 for the top hinge.

4. ASSEMBLE THE INTERMEDIATE PLATES

Top support plate

Bottom support plate

REQUIRED MATERIALS

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

1. Insert the washers onto the bolts and insert the bolts through the Top support plate. Then insert the assembly into the holes of the support which is on the upper hinge.

2. Put anti-seize on the threads of the bolts.

3. Insert the Top hinge plate in front of the Top support plate, insert the washers onto the bolts, and screw in the nuts manually.
4. Tighten the bolts slightly with a ratchet wrench. **It is important that they can still move to be adjusted.**

5. REPEAT FOR THE BOTTOM HINGE

5. ASSEMBLE THE RACK ON THE HINGE PLATES

REQUIRED MATERIALS

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

1. It takes 2 people to perform this task. Take the support and position it so that you can assemble it for 2 plates assembled to the hinges in the previous steps. You can come and help you by leaning the rack on a height-adjustable stand.

2. Insert the washer onto the bolt. Insert the bolt through the top support plate and rack.

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

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

5. Repeat the previous steps to add the 2nd bolts
6. 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 On-door assembly plate**

6. INSTALL THE CENTER MOUNTING PLATE

REQUIRED MATERIALS

1. 2 Round Head Bolts 3/8'' x 1-1/4''
2. 1 round head bolt 3/8'' x 2-1/2''
3. 6 3/8'' washers
4. 3 x 3/8'' nuts
5. Long folded plate with bonded neoprene
6. On-door assembly plate
7. Phibia Neoprene Round 3/8 Thick

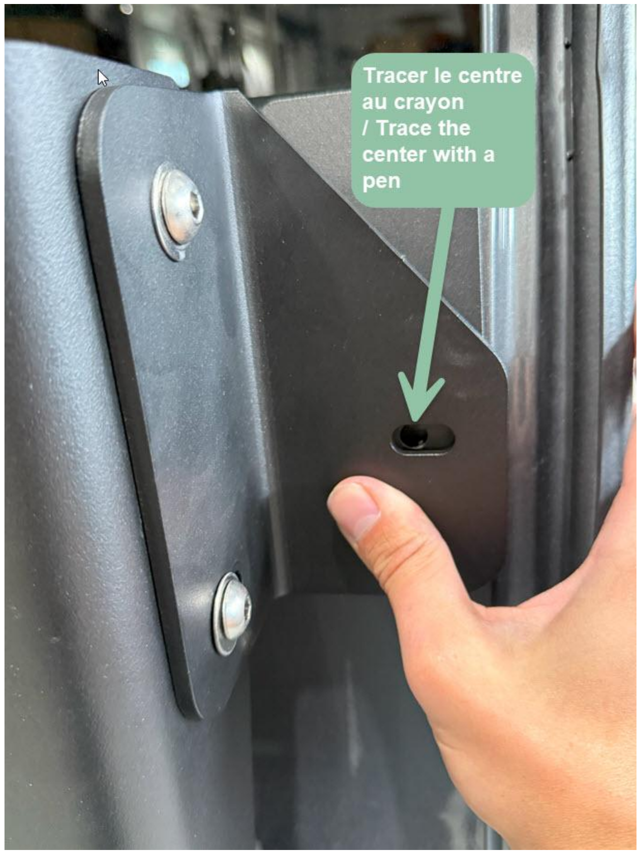
8. Insert the washers onto the bolts and insert the bolts through the On-door assembly plate. Then insert the assembly into the holes in the tire holder.

1. Put anti-seize on the threads of the bolts.

2. Put a washer on the other side of the bolt and tighten the nuts manually. **It is important that they can still move to be adjusted.**

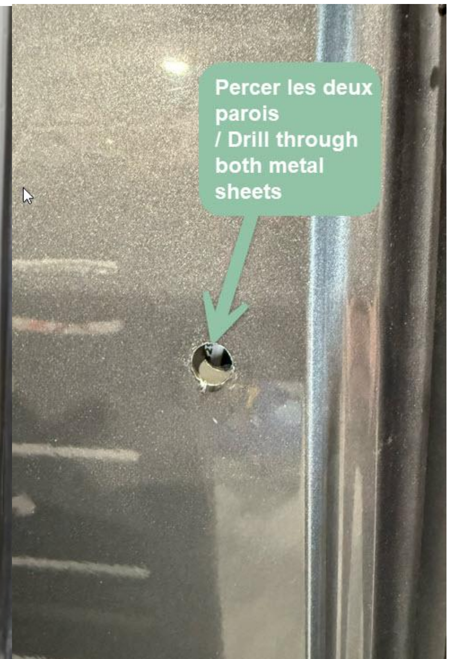
3. Position the reinforcement plate on the vehicle **by aligning the door side line as well as the window line** while pressing the plate on the vehicle. See photo below for reference.

4. Make sure the center support plate matches the one on the door. Mark the position of the hole on the door with a pencil.



5. 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. Drill the 2 walls with a 3/8'' drill bit ** WATCH OUT FOR THE CABLES ON THE OTHER SIDE**



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

8. Place the reinforcement plate and align it with the hole.

9. Position the 3/8'' neoprene in front of the bore and wedge it between the On-door assembly plate and the reinforcement plate

10. Insert the bolt into the neoprene and bores made in the vehicle.

11. Inside the door, put anti-seize on the threads. Insert a neoprene washer, a 3/8 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.

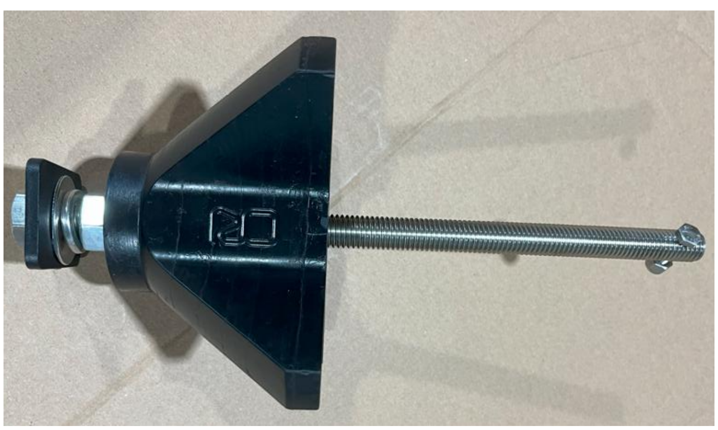
12. Tighten the assembly until the outer neoprene is slightly domed. Approximately 12-16 Nm.

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

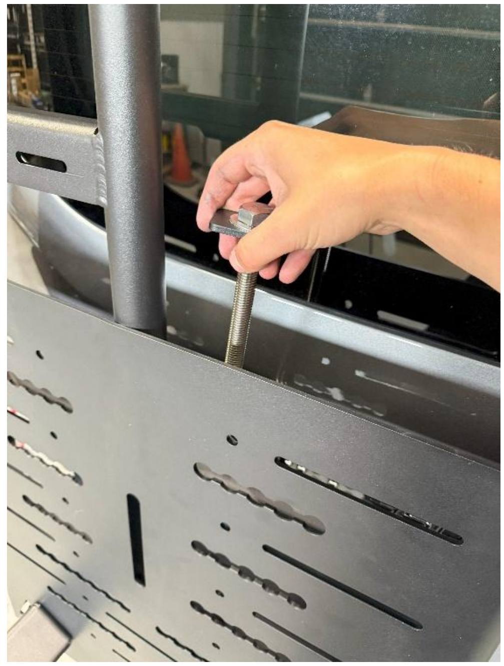
7. TIRE ASSEMBLY (Optional)

REQUIRED MATERIALS

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



1. Insert the bolt with a washer and the Bolt Retainer Plate behind the bracket



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

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

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

5. Insert the urethane hub adapter

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

6. Screw the ATLAS clamping handle firmly

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