



FORD TRANSIT SIDE LADDER INSTALLATION INSTRUCTIONS

PN: 210275 & 210275.1 & 210275.2

Please read before beginning

- *Stainless steel hardware may bind together when tightening—It is recommended that you apply an anti-seize assembly lubricant to the threads of each bolt before assembly*
- *This installation requires two people*
- *Unless otherwise specified, refer to the general torque value at the end of the instructions for specified torque values*
- *If you have a cruiser rack refer to the second section “Cruiser Rack Installation Instructions”*



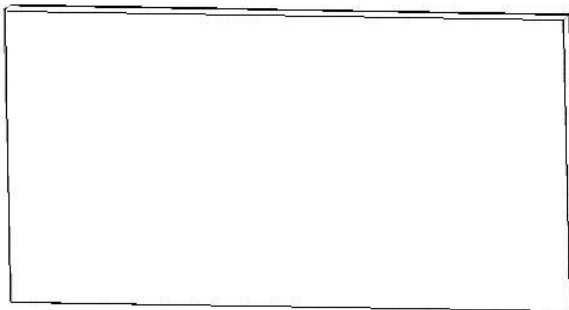
Required tools

- Standard wrench set
- Drill 1/4" bit
- Vise Grips or clamp

Included hardware

Quantity

- | | |
|---|----|
| • 70008 - 1/4-20 Nylock Nuts SS | 5 |
| • 70009 - 1/4 x 5/8 Washer SS (.03" Thick) | 10 |
| • 70014 - 1/4-20 x 1" Button Head Allen Bolt SS | 5 |
| • Flat Mounting Plate | 1 |
| • Antiseize Packet, 2g | 1 |



Flat Mounting Plate x1 (3" x 9")



1.) Standard Installation Instructions

1. An Aluminess Roof Rack is required to mount a side ladder to your vehicle. If you have a cruiser rack, please skip to section 2.
2. Once your roof rack is installed, locate where you want your ladder to be mounted. It can be installed anywhere between the rear wheel and the driver door. If you are going to be installing nerf bars along with your ladder then the ladder will have to be located directly in front of the rear tire.

Note: Be sure to mount your ladder to the loop with flooring. If your flooring is on the lower loop, mount the ladder to the lower loop.

3. Loosely fasten the pipe clamps to your roof rack in the spot you would like your ladder.
4. You will now need to remove the plastic trim that is located at the bottom of your van. They are held in with clips so start at one end and gently start popping them off the vehicle.
5. With the plastic trim removed from the vehicle you will have access to the vehicle pinch weld.
6. Mount the supplied flat mounting plate to the vehicle pinch weld with (3) of the button head stainless bolts. It is helpful to use some vise grips or a clamp to hold the mounting plate in the correct location while drilling.
7. Rotate the ladder to make sure it lines up with the flat mounting plate.
8. If everything looks like it lines up then you can reinstall the plastic trim.
9. You can now use the remaining (2) button head bolts to mount the ladder to the mounting plate.
10. Tighten all of the hardware on the roof rack and at the mounting plate.
11. Congratulations! Your new Aluminess side ladder is now installed. Verify all hardware remains tight after the first 100 miles and check periodically thereafter. Enjoy!





2.) Cruiser Roof Rack Ladder Installation Instructions

1. Once your roof rack is installed, locate where you want your ladder to be mounted. It can be installed anywhere between the rear wheel and the driver door. If you are going to be installing nerf bars along with your ladder then the ladder will have to be located directly in front of the rear tire.
2. Loosely fasten the pipe clamps between the rack side rails. You only need to get the top bolt of the clamp through the top slot in the rail as shown below.



3. You will now need to remove the plastic trim that is located at the bottom of your van. They are held in with clips so start at one end and gently start popping them off the vehicle.
4. With the plastic trim removed from the vehicle you will have access to the vehicle pinch weld.
5. Mount the supplied flat mounting plate to the vehicle pinch weld with (3) of the button head stainless bolts. It is helpful to use some vise grips or a clamp to hold the mounting plate in the correct location while drilling.
6. Rotate the ladder to make sure it lines up with the flat mounting plate.
7. If everything looks like it lines up then you can reinstall the plastic trim.
8. You can now use the remaining (2) button head bolts to mount the ladder to the mounting plate.
9. Tighten all of the hardware on the roof rack and at the mounting plate.



Aluminess Products Inc
Info@Aluminess.com
619-449-9930

10. Congratulations! Your new Aluminess side ladder is now installed. Verify all hardware remains tight after the first 100 miles and check periodically thereafter. Enjoy!

General Torque Values			
Size	Stainless Steel	Zinc	Grade 8
#6-32	10 lb-ft	--	--
#8-32	18.4 lb-ft	--	--
#10-32	26.6 lb-ft	--	--
1/4"-20	5.3 lb-ft	7.8 lb-ft	9 lb-ft
5/16"-18	10.9 lb-ft	16 lb-ft	18 lb-ft
3/8"-16	19.4 lb-ft	28.3 lb-ft	33 lb-ft
7/16"-14	31 lb-ft	45 lb-ft	52 lb-ft
1/2"-13	47 lb-ft	69 lb-ft	80 lb-ft
M6	4.7 lb-ft	5.8 lb-ft	--
M8	11.3 lb-ft	14.1 lb-ft	--
M10	22.3 lb-ft	27.9 lb-ft	--
M12	38.9 lb-ft	48.7 lb-ft	--



Aluminess Products, Inc. (Aluminess) Warranty

1. Lifetime Warranty. Aluminess provides a lifetime warranty of its products to the original retail purchaser provided such products are installed correctly according to the official Aluminess installation instructions. Any modification to the original product design, function or use of any Aluminess products will void the Aluminess warranty. Aluminess will have sole discretion to determine warranty eligibility for any and all Aluminess products sold to any purchaser.
2. Limited Remedies. Subject to any limitations and exclusions described herein, and subject to Aluminess' determination of warranty eligibility, Aluminess will remedy defects in product materials and/or workmanship of any product by repairing or replacing such defective product, which shall be within Aluminess' sole discretion, without charge for parts or labor. Aluminess may elect in its sole discretion not to replace a defective product and issue the purchaser a refund equal to the purchase price of any defective product or purchaser may elect to receive a credit (equal to such refund) toward the purchase of new Aluminess products. Repair or replacement of a defective product or providing a refund or credit to purchaser will be purchaser's exclusive remedy under this warranty. Damage to a purchaser's vehicle, cargo and/or any other person or property is expressly excluded from the Aluminess warranty.
3. Modification. Aluminess products are designed to be mounted to factory equipped vehicles. Aftermarket additions to such vehicle may or may not require modification of an Aluminess product. The Aluminess warranty does not extend to any Aluminess products that are modified to fit around other otherwise accommodate or be compatible with any aftermarket vehicle accessories or alterations. Aluminess does not guarantee fitment with any other aftermarket accessories or modified vehicle, and it is up to purchaser to determine fitment prior to purchasing any Aluminess product.
4. Damage. Damage to Aluminess products due to normal wear and tear, including, but not limited to, cosmetic issues and superficial scratches, or structural damage to an Aluminess product in connection with any vehicle collisions or other structural degradation in connection with the use of such vehicle (on road or off road) will not be covered by the Aluminess warranty. Additionally, any product user's misuse, neglect, overloading, improper maintenance or improper installation or repair of any Aluminess products are not covered under the Aluminess warranty.
5. Use of the Products. Aluminess products are designed for off road vehicle use. Installing Aluminess products on a vehicle may exceed the factory designed capabilities of such vehicle and could potentially lead to vehicle damage. Aluminess will not be responsible for any damage caused to a purchaser or user's vehicle or any vehicle accessories caused by the use of any Aluminess products. It is to the sole responsibility of purchaser to inspect and ensure that the intended vehicle and Aluminess products are suitable and compatible for travel on road and off road. No seller nor any manufacturer of Aluminess products will be liable for any loss, damage or injury directly or indirectly arising from the use of any Aluminess products. Before using any Aluminess products, the purchaser or user will determine the suitability of the product(s) for their intended use(s) and the purchaser or user shall assume all responsibility and risk in connection therewith.
6. DISCLAIMER. THE ALUMINESS WARRANTY IS EXPRESSLY MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, AND EXCEPT FOR THE ALUMINESS WARRANTY SET FORTH HEREIN, ALUMINESS MAKES NO WARRANTY WHATSOEVER WITH RESPECT TO ANY ALUMINESS PRODUCT, INCLUDING ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHETHER EXPRESS OR IMPLIED BY LAW, COURSE OF DEALING, COURSE OF PERFORMANCE, USAGE OF TRADE, OR OTHERWISE.
EXCEPT FOR PURCHASER'S LIMITED REMEDIES SET FORTH HEREIN, IN NO EVENT WILL ALUMINESS BE LIABLE FOR ANY LOST PROFITS, LOST SALES, OR FOR ANY CONSEQUENTIAL, DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY OR PUNITIVE DAMAGES OR FOR ANY OTHER DAMAGES OF ANY KIND OR NATURE.
7. Compliance. Aluminess cannot guarantee that its products comply with all Federal, State, and/or local laws. Purchaser is advised to review local vehicle codes for compatibility prior to purchase to ensure that the installation and use of any Aluminess products does not violate any applicable laws.
8. Warranty Claim Submission. Purchaser will responsible for returning any defective product to Aluminess for warranty consideration and purchaser may be responsible for all costs associated with shipping the product to and from Aluminess. Prior to returning any product for warranty, purchaser must contact Aluminess Products Inc. for proper authorization.