



# Nerf Bars Installation Instructions

P/N 210276; 210276.1: 2015+ Ford Transit Nerf Bars

**Before you begin:**

- *Stainless steel hardware may bind together when tightening — apply an anti-seize assembly lubricant to the threads of each bolt before assembly*
- *This installation requires two or more people*
- *Unless otherwise specified, refer to the general torque value at the end of the instructions for specified torque values*



**Required Tools:**

- Standard and metric wrench set
- Standard and metric socket set
- Drill or impact driver
- Wire brush
- M8-1.25 tap (optional)
- M8-1.25 die (optional)

**Included Hardware:**

<b>P/N</b>	<b>Description</b>	<b>Quantity</b>
70231	Self-tapping screw, #14 x 1-1/2", SS	29
70124	M8-1.25 x 40mm hex head bolt, ZINC	8
70101	M8-1.25 hex nut	8
70435	5/16" ID split washer, SS	16
70020	5/16" ID flat washer, SS	16
70246	Anti-Seize packet	1

**Additional Parts:**

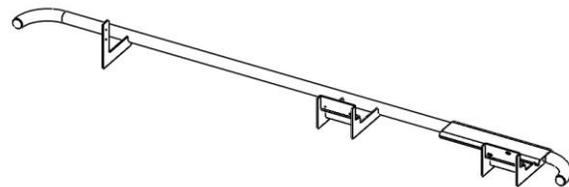
**Description**

**Quantity**

**Picture**

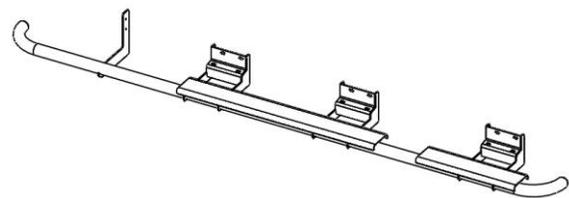
Transit Nerf Bar, Driver's Side  
(148 WB shown)

1 ea



Transit Nerf Bar, Passenger's Side  
(148 WB shown)

1 ea





**Nerf Bar Installation:**

1. Remove any factory running boards as applicable.
2. There are two installation methods described below:
  - a. Using factory studs/threads (*preferred*)
  - b. Self-tapping screws only

**Factory Studs/Threads Installation:**

3. Clean off all factory studs and threads with wire brush. If necessary, use M8 tap/die to chase out threads. If holes are not pre-threaded, either create the M8 threads by tapping the hole (*preferred*) or switch to the self-tapping screw method. A hybrid of both fastening techniques may be used. Reference Figure 1-2.



Figure 1: Example of Factory Studs



Figure 2: Example of Factory Threads

4. Starting with the passenger's side nerf bar, install the nerf bar up against the body of the vehicle over the factory installed studs.
5. Slide the nerf bars toward the front of the vehicle so the rear blade contacts the van.
6. Loosely install 5/16" split washers, 5/16" flat washers, and M8 nuts over the studs to hold the nerf bar up to the body (reference Figure 3). Start with the front-most attachment point and work towards the rear of the vehicle.



Figure 3: Hardware Installed Through Nerf Bar Brackets

7. Loosely install the M8-1.25 x 40 mm bolts, 5/16" split washer, and 5/16" flat washers into the threaded inserts through the nerf bar brackets (Figure 3).
8. Fully tighten the front-most attachment point - both the nuts on the factory studs and the bolts into the threaded inserts.
9. With one person sighting down the side of the vehicle, have another person position the rear blade into the desired location (Figure 4).
10. With the nerf bars in the desired location, use two (2) self-tapping screws to attach the rear blade to the vehicle (Reference Figure 4 & 5).



### Self-Tapping Screws Installation:



Figure 4: Alignment of Nerf Bar to Body Side



Figure 5: Rear Blade Secured into Position

11. Tighten remaining hardware on middle mounting brackets.
12. Repeat the same installation steps for the driver's side with the exception of the middle bracket – no factory studs are available. Use the self-tapping screws to secure the driver's side middle bracket – there are pre-cut holes for this bracket (reference Figure 6).

13. Use the provided self-tapping screws to secure each bracket by drilling **through** each bracket into the sheet metal of the van. Drill two in the vertical direction (bottom towards top) and three (3) in the horizontal direction (inside towards outside van) for a total of five (5) screws per bracket. Leave at least ½" of material from screw drill position to the closest feature (slots, edges, etc...). Spread the bolt positions across the bracket to help better secure the nerf bars. Reference Figure 6 for the suggested screw pattern.

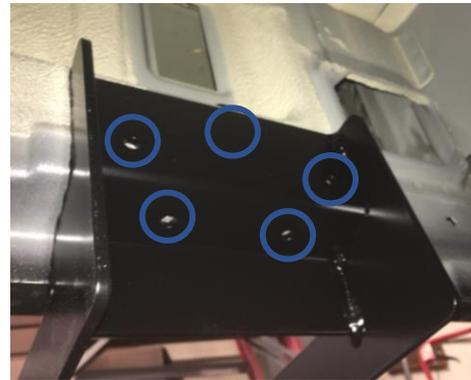


Figure 6: Driver's Side Middle Bracket

NOTE: There are pre-cut holes to attach the middle bracket on the driver's side. Four (4) screws may be used on this bracket only.

14. Your new Aluminess Nerf Bars are now installed, enjoy!



<b>General Torque Values</b>			
<b>Size</b>	<b>Stainless Steel</b>	<b>Zinc</b>	<b>Grade 8</b>
#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.