

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*

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:

P/N	Description	Quantity
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:

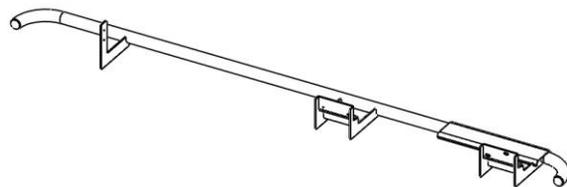
Description

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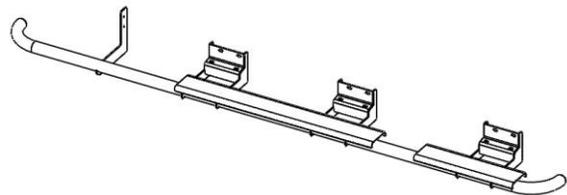
Transit Nerf Bar, Driver's Side
(148 WB shown)

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).



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).

Self-Tapping Screws Installation:

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 1/2" 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!



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