

# Ladder Installation Instructions

P/N 210516: 2007+ Mercedes Sprinter Ladder Mount for Modular Roof Rack

## Before you begin:

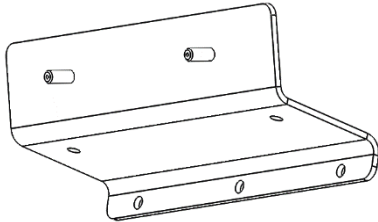
- *Stainless steel hardware may bind together when tightening — apply an anti-seize assembly lubricant to the threads of each bolt before assembly*
- *The ladder is designed to fit in front of the rear wheel of the van.*



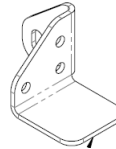
## Required Tools:

- Standard and metric wrench set
- Standard and metric socket set
- Flat head screwdriver
- Painter’s Masking Tape

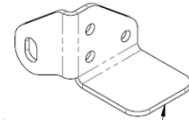
## Included Subassemblies:



1X - Lower Attachment Bracket



1X - 350541 Left Upper Bracket



1X – 350541.1 Right Upper Bracket

## Included Hardware:

<b>P/N</b>	<b>Description</b>	<b>Quantity</b>
70008	¼"-20 nylon-locking nut	5
70009	¼" ID washer	8
70060	¼"-20 x 1" button head screw, stainless steel	3
70019	5/16"-18 Nylon-locking nut	2
70020	5/16" ID Washer	2
70201	5/16"-16 x 1" socket cap screw, stainless steel	2
70726	¼" x ¾" long self-drilling screw	6
70246	Antiseize Packet, 2g	1

*NOTE: If you have purchased an accompanying pair of nerf bars, it is easier to install the ladder **first**.*

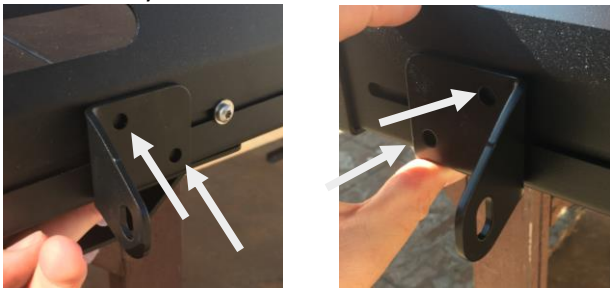
*NOTE: This ladder will only work in conjunction with Aluminess' Sprinter Modular Roof Rack.*

Upper Attachment Assembly:

1. Locate the desired location on the van for the ladder. Find the location of each upper attachment bracket along the side rail of the modular roof rack based on the width of the ladder.

**PRO TIP:** Face the bracket towards the inside of your ladder for a more polished finished product.

2. Using the upper attachment brackets as a template, mark the side railing of your modular roof rack in the desired location. Reference Figure 1 for reference. Measure the bracket-to-bracket distance to ensure the ladder will fit correctly.



**Figure 1: Upper Attachment Brackets**

3. Attach the upper bracket using the self-drilling screws (70726) in the marked locations, through the bracket into the roof rack.
4. Attach the top of the ladder using the 5/16" hardware through the bracket as shown in Figure 2.



**Figure 2: Ladder Attachment to Upper Brackets**

Bottom Bracket Assembly:

5. With the ladder attached at the top, locate the desired position of the lower attachment bracket. Ensure the ladder is straight compared

to the vehicle before finalizing lower bracket placement.

6. Hold the lower attachment bracket up to the vehicle body using C-clamps or spring clips. Be sure to align the bottom three holes with the pinch weld.



**Figure 3: Lower Attachment Installation**

7. Using a 1/4" drill bit, make three holes through the pinch weld using the bracket as a template for alignment.
8. Install the 1/4" cap screws, washers, and nuts into the drilled holes and tighten.
9. Place ladder against lower attachment bracket making sure the bottom of the ladder aligns over the threaded studs.
10. Install 1/4" washers and nuts onto the threaded studs.
11. While applying downward pressure to the ladder, tighten the 1/4"-20 nuts fixing the ladder in place.



**Figure 4: Lower Attachment Assembly**

12. Visually inspect the position of the ladder—if satisfied, tighten down all bolts to at least 10 ft-lbs. of torque.
13. Check all fasteners for fitment after 50 miles of driving, and every 1000 miles afterwards. Enjoy!



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