

Surf Pole Installation Instructions

P/N 210745: Mercedes, Sprinter, 2007+, Surf Pole for Cruiser 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 surf pole is designed to fit in front of the rear wheel of the van.*
- **DISCLAIMER: Surf hooks must be regularly checked for tightness when in use. Refer to Surf Hook Installation Instructions if tightening is necessary.**



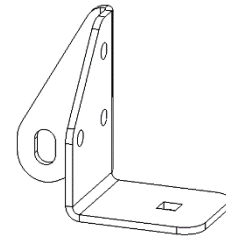
Required Tools:

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

Included Subassemblies:



PN 301008: Lower Attachment Bracket – 1X



PN 350541: Upper Attachment Bracket, Right – 1X

Included Hardware:

P/N	Description	Quantity
70008	¼"-20 nylon-locking nut	7
70009	¼" ID washer	12
70060	¼"-20 x 1" button head screw, stainless steel	5
70346	5/16"-18 Nylon-locking nut, Black Oxide	2
70345	5/16" ID Washer, Black Oxide	2
70201	5/16"-16 x 1" socket cap screw, stainless steel	1
70369	5/16"-18 X ¾", Carriage Bolt, Black Oxide	1
70246	Antiseize Packet, 2g	1

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

NOTE: This surf pole will only work in conjunction with Aluminess' Sprinter Cruiser Roof Rack.

Upper Attachment Assembly:

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

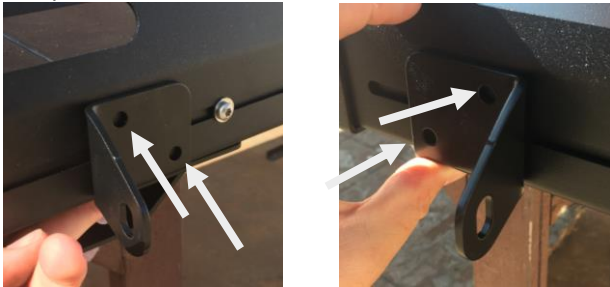


Figure 1: Upper Attachment Brackets

2. Attach the upper bracket using the ¼ hardware through the holes marked above, and the 5/16" carriage bolt through the bottom of the bracket. Leave all of this hardware loose for now.
3. 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:

4. With the surf pole attached at the top, locate the desired position of the lower attachment bracket. Ensure the surf pole is straight compared to the vehicle before finalizing lower bracket placement.
5. Hold the lower attachment bracket up to the vehicle body using C-clamps or spring clips. Be sure to align the bottom two holes with the pinch weld.



Figure 3: Lower Attachment Installation

6. Using a ¼" drill bit, make three holes through the pinch weld using the bracket as a template for alignment.
7. Install the ¼"-20 bolts, washers, and nuts into the drilled holes and tighten.
8. Place surf pole against lower attachment bracket making sure the bottom of the surf pole aligns over the threaded studs.
9. Install ¼" washers and nuts onto the threaded studs.
10. While applying slight downward pressure to the surf pole, tighten the ¼"-20 nuts fixing the surf pole in place.
11. Visually inspect the position of the surf pole—if satisfied, tighten down all bolts to at least 10 ft-lbs. of torque.
12. Check all fasteners for fitment after 50 miles of driving, and every 1000 miles afterwards. Enjoy!



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