



Surf Pole Installation Instructions

P/N 210497 & 210498: 2007+ Mercedes Sprinter Track Mounted Surf Pole

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*
- *Over tightening bolts can cause the hardware to break due to excessive force. When tightening, be sure to apply only the recommended torque.*
- **Threaded inserts (350483) and lower attachment bracket (350554) will not be covered under warranty. Replacements can be ordered for additional cost.**
- *Factory or aftermarket roof tracks must be installed before to surf pole.*
- **DISCLAIMER: Surf hooks must be regularly checked for tightness when in use. Refer to the surf hook installation instructions for tightening instructions.**
- *Unless otherwise specified, refer to the general torque value at the end of the instructions for specified torque values*



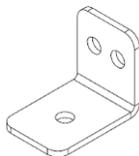
Required Tools:

- Standard and metric wrench set
- Standard and metric socket set
- Standard hex key (Allen wrench) set
- Drill with drill bits

Included Hardware:

P/N	Description	Quantity
70008	¼"-20 Nylon-Locking Stainless Steel Nut	5
70009	¼"ID Stainless Steel Washer	7
70019	5/16"-18 Nylon-Locking Stainless Steel Nut	1
70020	5/16" ID Stainless Steel Washer	1
70060	¼"-20 x 1" Stainless Steel Button Head Screw	2
70201	5/16"-16 x 1" Stainless Steel Socket Cap Screw	1
70246	Antiseize bolt lubricant packet, 2g	1

Additional Parts:

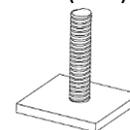
PN	Description	Quantity	Picture
350567	Upper Attachment "L" Brackets	1	
350554	Lower Attachment Bracket	1	



350483

Threaded Insert

1



Surf Pole Installation:

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

Upper Attachment Installation:

1. Slide the threaded insert into the roof track from the rear of the vehicle with studs pointing upwards.
2. Install the "L" bracket onto threaded inserts using the centered hole and thread on ¼" washer and nut. Leave the "L" brackets loose enough to slide back and forth (see Figure 1).



Figure 1: "L" Brackets Installed on Factory/Aftermarket Tracks

3. Position the surf pole where you would like it to sit on the vehicle.
4. Clamp the top of the surf pole to the L-bracket using a C-clamp or spring clips (see Figure 2).



Figure 2: Surf Pole Positioned on "L" Brackets

5. Install the 5/16" bolts, washers, and nuts and tighten by hand—do not torque down bolts yet.

Lower Bracket Installation:

6. 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.
7. 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.



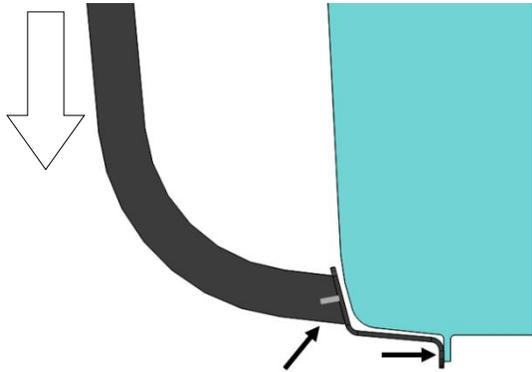
Figure 3: Lower Bracket Installation

8. Using a ¼" drill bit, make two holes through the pinch weld using the bracket as a template for alignment.
9. Install the ¼" cap screws, washers, and nuts into the drilled holes.

NOTE: *BE CAREFUL* to not over tighten.

10. Place surf pole against lower attachment bracket making sure the bottom of the surf pole aligns over the threaded studs.
11. Install ¼" washers and nuts onto the threaded studs.
12. While applying downward pressure to the surf pole, tighten the ¼"-20 nuts fixing the surf pole in place.

NOTE: *BE CAREFUL* to not over tighten.



13. Visually inspect the position of the surf pole—if satisfied, tighten down all the bolts to 6 ft-lbs. of torque.

NOTE: *BE CAREFUL* to not over tighten.

14. Check all fasteners for fitment after 50 miles of driving, and every 1000 miles afterwards. Enjoy!

Figure 4: Lower Bracket Tightening Technique.

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	--



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