

Roof Rack Installation Instructions

P/N 210512: Winnebago Revel 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*
- *This installation requires two or more people*

Required Tools:

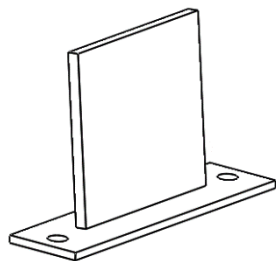
- Standard wrench set, socket set
- Drill, Standard Drill Bit Set
- Phillips Head Screw Driver
- Chisel or Heavy Duty Scraper
- Sharp Knife or Razor Blade
- Mallet
- Wire Cutters, Zip Ties



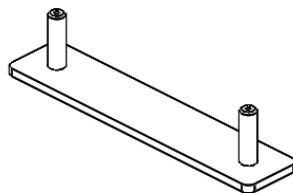
Included Hardware:

P/N	Description	Quantity
70008	¼-20 Nylock Nut, SS	30
70009	¼" Flat Washer, SS	44
70039	¼" Fender Washer, SS	8
70060	¼-20 x 1" Button Head Bolt, SS	22
70726	#14 x ¾" Self-Tapping Bolt, SS	10
70246	Anti-Seize Packet, 2g	1

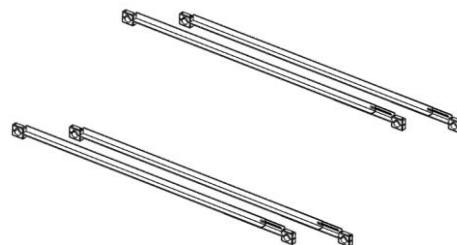
Included Bracketry:



x5
Revel Roof Rack
Awning Channel Bracket



x4
Sprinter Roof Rack
Roof Track Bracket



x2 pairs
Solar Panel Mounts
(preassembled)

Installation Instructions

1. Unplug the solar leads from your roof mounted electrical box, cut the zip ties and remove the solar panels from your stock roof rack.
2. Wrap the solar leads in electrical tape to prevent accidental discharging or conduction while you're handling the panels. Carefully set the solar panels aside.



Figure 1. Solar Panels removed from stock rack.

3. Unplug any other lights or electrical accessories on your rack from the wire harness



Figure 2. Electrical accessories disconnected.

4. Loosen the crossbars on your stock reveal rack by turning the knobs until the crossbar can slide back and forth.



Figure 3. Loosening crossbars.

5. Remove the end caps from both side rails so that you can slide your stock crossbars off the back of the rack.



Figure 4. Removing end caps (red) from side rails.

6. Remove the bolts from the drivers side track to unmount one side of the roof rack.
7. Remove the remaining crossbars from the rack by tilting the side rails and sliding your crossbars over any vents or protrusions from the roof.
8. Remove the front panel from the stock rack by unbolting the mounting brackets. Carefully set your light bar on top of the roof until you can mount it again to your Aluminess rack.



Figure 5. Remove front panel and set light bar aside.

9. Remove the driver side rail from the roof track.



Figure 6. Remove drivers side rail once all bolts are removed.

10. Unmount the awning side of your roof rack by drilling out the awning bracket rivets. You may need to cut the sealant around the brackets as well, as they may glue the brackets to the awning track.



Figure 7. Drill out rivets and cut sealant around awning brackets to unmount one side of your roof rack.

11. Once all brackets are drilled out and sealant is cut, you can begin to remove the passenger side rail by sliding it out of the awning track.
12. You may need to hit the back end of the passenger side rail with a mallet in order to move it through the sealant on the track.



Figure 8. Remove passenger side rail.

13. Clean off the top of your roof with an air hose or a broom to clear any aluminum chips from your stock rack removal.
14. Install the Aluminess Awning Channel Bracket by sliding it into the awning track. The bottom flange with mounting holes should catch inside the awning track profile, as shown in **Figure 9**. Evenly space all the brackets provided.



Figure 9. Awning channel bracket in awning track.

15. Slide in the roof track mounting brackets through the back of the track on the driver side of the van.
16. Lay the roof rack on your vehicle and verify placement of each Awning Channel Bracket now with the rack laid on top.
17. When you have bracket placement verified, remove the rack and install the Awning Channel Brackets with the provided self-drilling bolts.
18. With each bracket now bolted down, lay the Aluminess roof rack back onto the roof and settle on top of bracketry.



Figure 10. Installed awning channel bracket with roof rack placed on roof.

19. To fasten your roof rack to the awning channel brackets, drill mounting holes on the flat mounting surface of the rack, through the bracket and bolt together with the provided $\frac{1}{4}$ " hardware.



Figure 11. Drill holes above the mounting brackets and bolt together one at a time to install the roof rack on the awning side of your vehicle.

20. Complete this process for each of the mounting brackets installed in your awning track.
21. Install the driver side of the rack by fastening the provided $\frac{1}{4}$ " nuts and washers to the roof track brackets on each driver side foot.
22. Verify all hardware is tightened down to the vehicle.
23. Install your solar panel brackets in the desired location, bolt down to the side rails of the rack and reinstall your solar panels. Reroute your solar wiring back to the roof mounted electrical box and plug everything back in.
24. Mount your solar panels to the angle mounts provided using $\frac{1}{4}$ " hardware, 3 bolts per side.
25. Clear your roof of aluminum chips, residual sealant and any other waste using an air hose or a broom.
26. Enjoy your new set up!



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