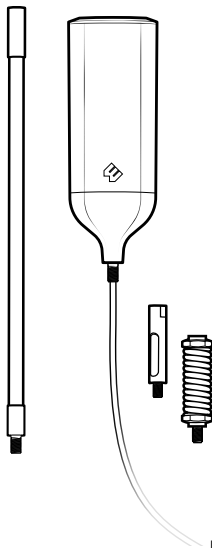




Installation Guide



Drive RV Antenna

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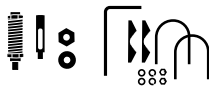
Package Contents



Drive RV Antenna
w/25 ft. Cable
(311230)



13 in. Mast
Extension



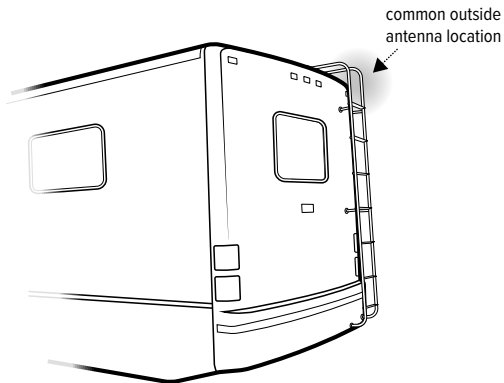
Spring, Side Exit
Adapter & Antenna
Mount



Thread Lock

Select Mounting Location

Mount Outside Antenna to a ladder or pole, so that the entire Outside Antenna is above the roof line of the RV and clear of other metal obstructions. We recommend doing a 'soft install', verifying the system works as desired, before permanently installing the kit.

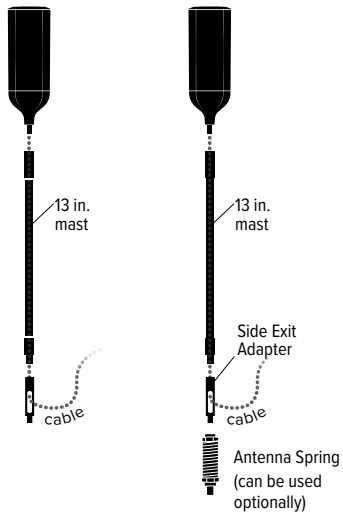
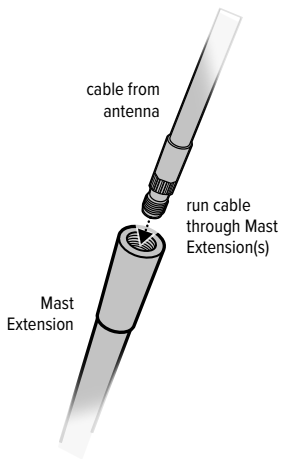


NOTE: Keep in mind to stay below the maximum height limit allowed by law, which varies from state to state (generally 14 ft. in western states and 13 ft.6 in. in eastern states).



Assemble the Antenna

Once you have determined the best location for the antenna, insert cable through mast(s) then through Side Exit Adapter.

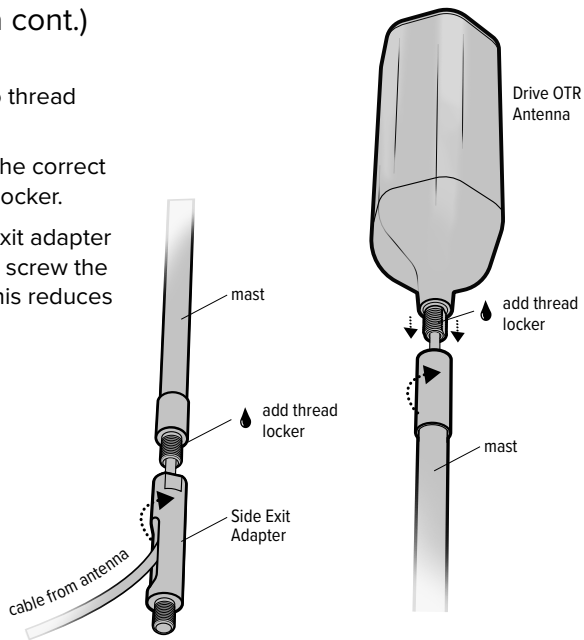


(Assemble the Antenna cont.)

Use thread locker (provided) to thread points and screw into place.

NOTE: Be sure the antenna is the correct height before applying thread locker.

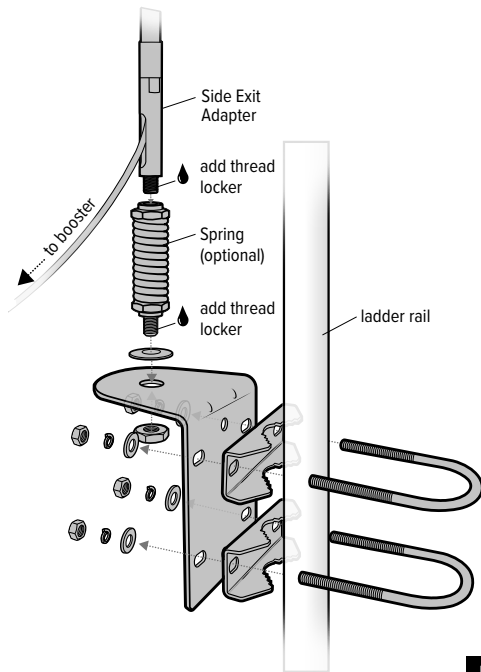
NOTE: When adding the side exit adapter hold the antenna vertically and screw the adapter from the bottom up. This reduces cable twisting.



Mounting the Antenna

Mount to ladder rail on RV as shown and route cable into RV then connect cable to the booster. The system performs best with maximum vertical and horizontal separation.

NOTE: If installing with Spring, the Side Exit Adapter must be used.



Safety Guidelines & Specifications

RF Safety Warning: Any antenna used with this device must be located at least 8 inches from all persons. AWS Warning: The Outside Antenna must be installed no higher than 32 feet 9 inches (10 meters) above ground.

Electrical Specifications						
Frequency Band (MHz)	698-806	806-960	1710-1880	1850-1990	1910-2170	2300-2700
Peak Gain (dBi)	2.4	2.6	3.8	3.8	3.7	4.3
Gain (dBi), Typical @ 2° Elevation	1.4	2.4	3.1	2.7	2.4	2.6
Cable loss LMR-195 30 in.	0.3	0.3	0.5	0.5	0.5	0.6
VSWR	<2:1		<2:1			
Efficiency (%)	> 70		> 65			
Polarization	Vertical					
Half-Power Azimuth Beamwidth (°)	360	360	360	360	360	360
Half-Power Elevation Beamwidth (°)	70	78	60	70	80	33
Impedance (Ω)	50					
Maximum Power (W)	10					

Mechanical Specifications	
Model	311230
Connector	SMA (F)
Dimensions (in / mm)	7.422 x 2.688 / 188 x 68
Weight (lb / kg)	.40 / 0.181
Rated Wind Velocity (mph / kph)	311 / 500
Radiator Material	Aluminum
Radome Material	Alumin Plastic Type: ASA (Acrylonitrile Styrene) Acrylate)

✔ 2 YEAR WARRANTY

Antennas may also be returned directly to the manufacturer at the consumer's expense, with a dated proof of purchase and a Returned Material Authorization (RMA) number supplied by Wilson Electronics. Wilson Electronics shall, at its option, either repair or replace the product. Wilson Electronics will pay for delivery of the repaired or replaced product back to the original consumer if located within the continental U.S.

Replacement products may include refurbished Wilson Electronics products that have been recertified to conform with product specifications.

This warranty does not apply to any antennas determined by Wilson Electronics to have been subjected to misuse, abuse, neglect, or mishandling that alters or damages physical or electronic properties.




RMA numbers may be obtained by contacting Technical Support at 866-294-1660.

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GDE000300_Rev01_08.10.20

PowerfulSignal