

Antenna Installation Guide

RV / Trucker
Spring Mount
Cellular Antenna

PART# 301133



Features:

- Dual band (800 / 1900 MHz)
- Analog and digital
- Improves voice and data signal quality
- Designed for RVs
- Built-in spring reduces impact damage
- Built-in ground plane allows for mounting on any surface

30-Day Money-Back Guarantee

All Wilson Electronics products are protected by Wilson's 30-day money-back guarantee. If for any reason the performance of any product is not acceptable, simply return the product directly to the reseller with a dated proof of purchase.

1-Year Warranty

Wilson Electronics Trucker Spring Mount Dual-Band Cellular Antenna is warranted for one (1) year against defects in workmanship and / or materials. Warranty cases may be resolved by returning the product directly to the reseller with a dated proof of purchase.

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 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.

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 phoning Technical Support at 866-294-1660 or e-mail tech@wilsonelectronics.com or visit www.wilsonelectronics.com.

How It Works

Wilson's RV / Trucker Spring-Mount Cellular Antenna will collect the cell tower signal and send it through the cable to an amplifier or directly to the cell phone or laptop data card. When the cell phone or data card transmits, the signal is transferred to an amplifier or directly to the antenna and broadcast back to the cell tower.

Antenna Adapter Required – Sold Separately

A phone/data card-specific, six-inch Antenna Adapter is required when connecting the antenna directly to a cell phone. To identify the correct adapter, see Wilson's Adapter Guide at www.wilsonelectronics.com or call Technical Support at 866-294-1660.

Adapter type may vary depending on your cell phone or laptop data card.



Disclaimer: The information provided by Wilson Electronics, Inc. is believed to be complete and accurate. However, no responsibility is assumed by Wilson Electronics, Inc. for any business or personal losses arising from its use, or for any infringements of patents or other rights of third parties that may result from its use.

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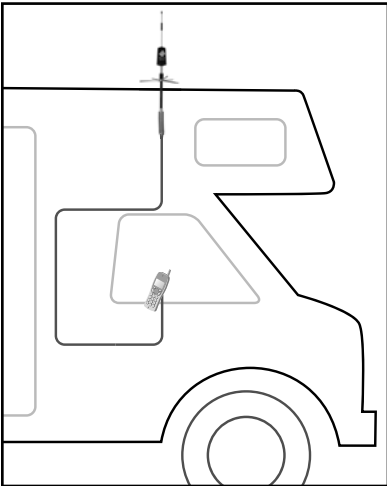
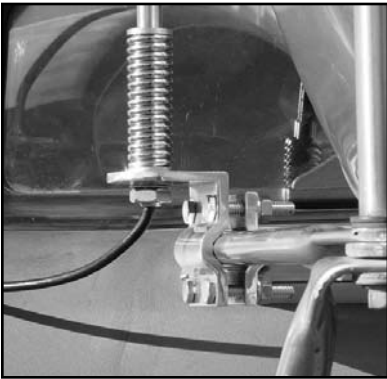


Package Contents

- 1- RV / Trucker Antenna
- 6 - radials (3 short, 3 long)
- 1 - thread-locker liquid
- 1 - plastic cable wrench
- 1 - 7/16" flat washer
- 1 - 7/16" internal star washer
- 1 - 7/16"-20 jam nut

Installing the Antenna

1. Select a suitable location to install the antenna on your RV, as high on the vehicle as possible and at least 12 inches away from any other antenna. For best results, use Wilson's 3-Way Mount (Part #901104), sold separately. This bracket will enable you to mount the antenna on a mirror or attach it to the side of your RV.
2. To use the 3-Way Mount, be sure to remove the large nut and bolt assembly from the mount. (This is intended for use with Wilson's Trucker Antenna). If you are installing on a mirror, clamp the mount to the mirror support and tighten the four nuts and bolts. If you are mounting directly to the side of your RV, remove the nuts, bolts and the smaller half of the mount and use the four holes in the larger half to attach it flush to the side of the RV, using screws or bolts, nuts and washers appropriate for your particular installation. In both cases, be sure the flat mounting base of the mount is positioned up.
3. Screw the six antenna radials into the holes under the plastic coil housing on the antenna. The included thread-locker liquid must be used to ensure the radials do not vibrate loose. Tighten the radials snugly with a wrench.
4. Loosen the jam nut at the base of your antenna. Remove it, along with the star washer and the flat washer.
5. Thread the coax cable down through the hole in the flat mounting base until the antenna is positioned vertically on the base. Then thread the flat washer, star washer and jam nut (in that order) back onto the coax cable and up to the threaded base of the antenna. Tighten the jam nut to the underside of the mounting base with a wrench. **CAUTION:** Do not over-tighten.



6. Route the cable from the antenna to the location where you will be using your phone or data card. Extension cables up to 10 feet in length are available through your dealer.
- 7a. To connect directly to a cell phone or data card:
- Connect the antenna cable to the connector on the adapter (sold separately).
 - Connect the adapter to your cell phone or data card.
- 7b. To connect to a Wilson direct connection amplifier (sold separately):
- Using the included cable wrench, connect the antenna cable to the side of the amplifier labeled "Outside Antenna."
 - Connect the adapter extension cable to the side of the amplifier labeled "Cellular Phone."
 - Connect the adapter extension cable to the adapter.
 - Connect the adapter to your cell phone or data card.
- 7c. To connect to a Wilson mobile wireless amplifier (sold separately):
- Using the included cable wrench, connect the antenna cable to the side of the amplifier labeled "Outside Antenna."
 - Connect the inside antenna (sold separately) to the side of the amplifier labeled "Inside Antenna."
 - Place the inside antenna in an appropriate location as specified in the amplifier installation instructions.



Warning: If using an amplifier, ensure that all antenna and adapter cables are connected before powering up the amplifier.

Antenna Specifications

Part Number	301133
Frequency Range	806-894 MHz / 1850-1990 MHz
Impedance	50 ohms
Antenna Gain	5.12 dBi 806-894 MHz / 6.12 dBi 1850-1990 MHz
Radiation	Omni
Polarization	Vertical
Wavelength	0.9 Wavelength 806-894 MHz / 1.95 Wavelength 1850-1990 MHz
Ground Plane	Built-in Ground Plane
Connector	FME Female
Material	Whip - Stainless Steel
Coax Cable	RG58 - 13.5 feet / 4.11 meters
Height	21.5 inches including spring mount / 54.61 cm
Mount	Standard CB 3/8 inch x 24 thread



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For additional Technical Support visit

www.wilsonelectronics.com

Phone: 866-294-1660

Fax: 435-656-2432