



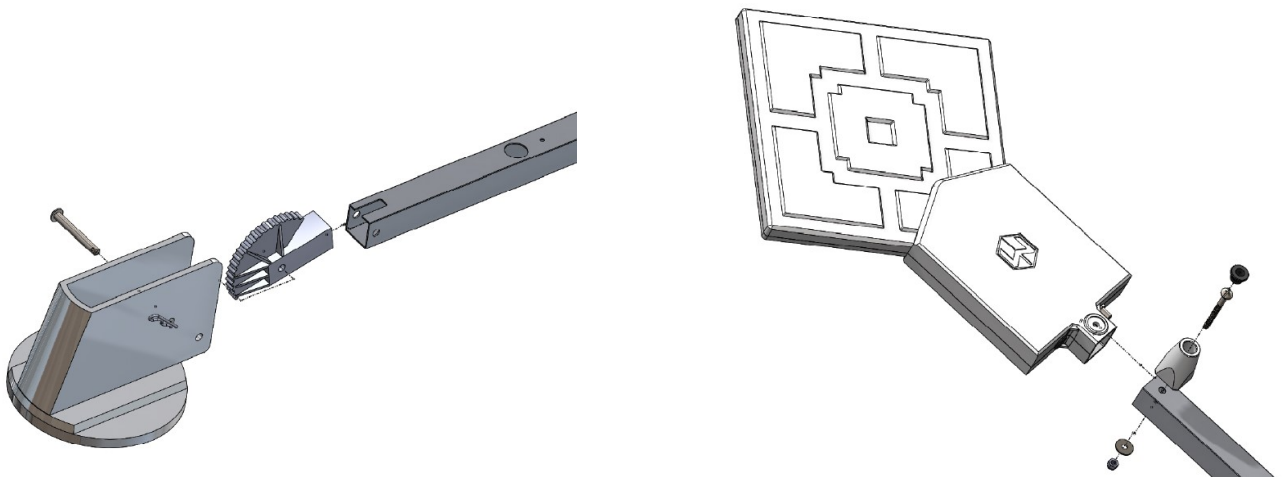
WINSIG
Antenna Systems

Winsig 4.0 Omni Retrofit Installation Instructions

The WINSIG 4.0 Omni Retrofit antenna is a dual plane Omni-directional terrestrial TV antenna. It is designed to be installed onto the existing mounting hardware from a Winegard Sensar (including Sensar HV), or Antennatek Signal commander antenna. Designed and manufactured in Australia, specifically for Australian conditions, this antenna will provide superior signal capability to the unit it replaces in all situations.

REMOVAL OF EXISTING ANTENNA

1. Before beginning installation, ensure all power (12v or 240v) is switched off.
2. To begin the installation, first elevate the existing antenna and turn 90 to the stowed position. Then lower the antenna to a position in which it extends laterally over the edge of the roof of the Caravan or RV. This will allow easy access to the antenna with the use of a ladder.
3. Loosen the upper coaxial cable connection from the existing antenna with an 11mm spanner or similar, and once removed unthread the coaxial cable from inside the antenna boom. **Note: do not disturb the coaxial cable at the roof mounting position. This could lead to a leak in the roof of the van.**
4. Using a pair of needle nosed pliers, remove the clips(2) from the lower pivot pins and slide the pivot pins out of the lower rotating housing. The existing antenna can now be set aside, but retain the plastic raising gear segment, as this will be re-used for the new Winsig antenna.

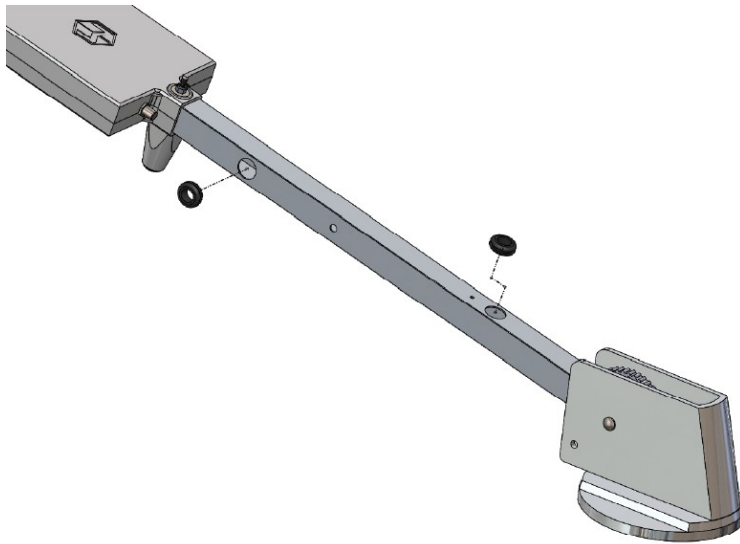


INSTALLATION OF WINSIG 4.0 OMNI ANTENNA

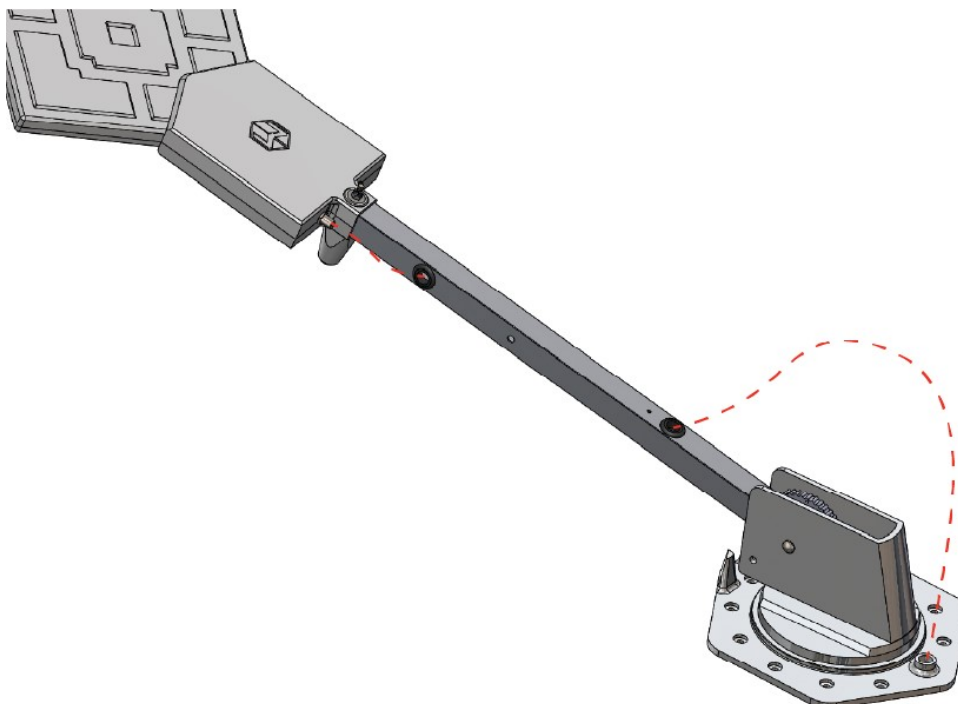
5. Slide the gear segment from the original antenna into the attachment boom, with the segment oriented as shown above, and locate both of these into the rotating gear housing. Align the internal gears, and insert a new clevis pin in the upper hole through all three components. Secure the clevis pin with a retaining clip (provided). **Note: it is not important at what angle the gears are meshed, but horizontal or slightly above, works best.**
7. The Omni antenna assembly can now be slid into place at the other end of the boom, and the bump stop secured using the M5 x 50mm bolt and nylock nut as shown. This secures the antenna assembly, and allows it to move through its full motion.
8. The rubber grommet can then be pushed into the bump stop.



9. The coaxial cable may now be installed. First lower the antenna assembly, and place the lower rubber grommet over the cable extending from the roof of the van. This existing cable from the van can be re-used if it is in good order. The cable is then fed through the centre of the boom from bottom to top as shown in the lower diagram. **Note: A cable length of 800mm is required from the van roof to the RF connector for correct installation. If the cable is longer than 800mm, create a neat loop in the cable and secure with cable ties to prevent entanglement during use.**



10. The second (upper) grommet may now be fed over the cable, and the coaxial connector screwed firmly on to the antenna outlet terminal. **Note: The connector should not be over tightened. A rule of thumb is finger tight plus 90 degree turn using a spanner for firm installation of the connector.**
11. Finally the rubber grommets may be pressed into the large holes in the aluminium boom to protect the coaxial cable from being damaged over time by sharp edges. (as above)





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The installation is now complete. Return to the inside of the van, fully raise the antenna and orient toward the signal source. Make sure the power supply (240v AC or 12v DC) is switched on, and remember to retune your TV, as you should now be receiving more channels in both the vertical and horizontal planes.

Warranty

Your Winsig Camping Antenna features a 12 Month Warranty. Please remember to register your product online at

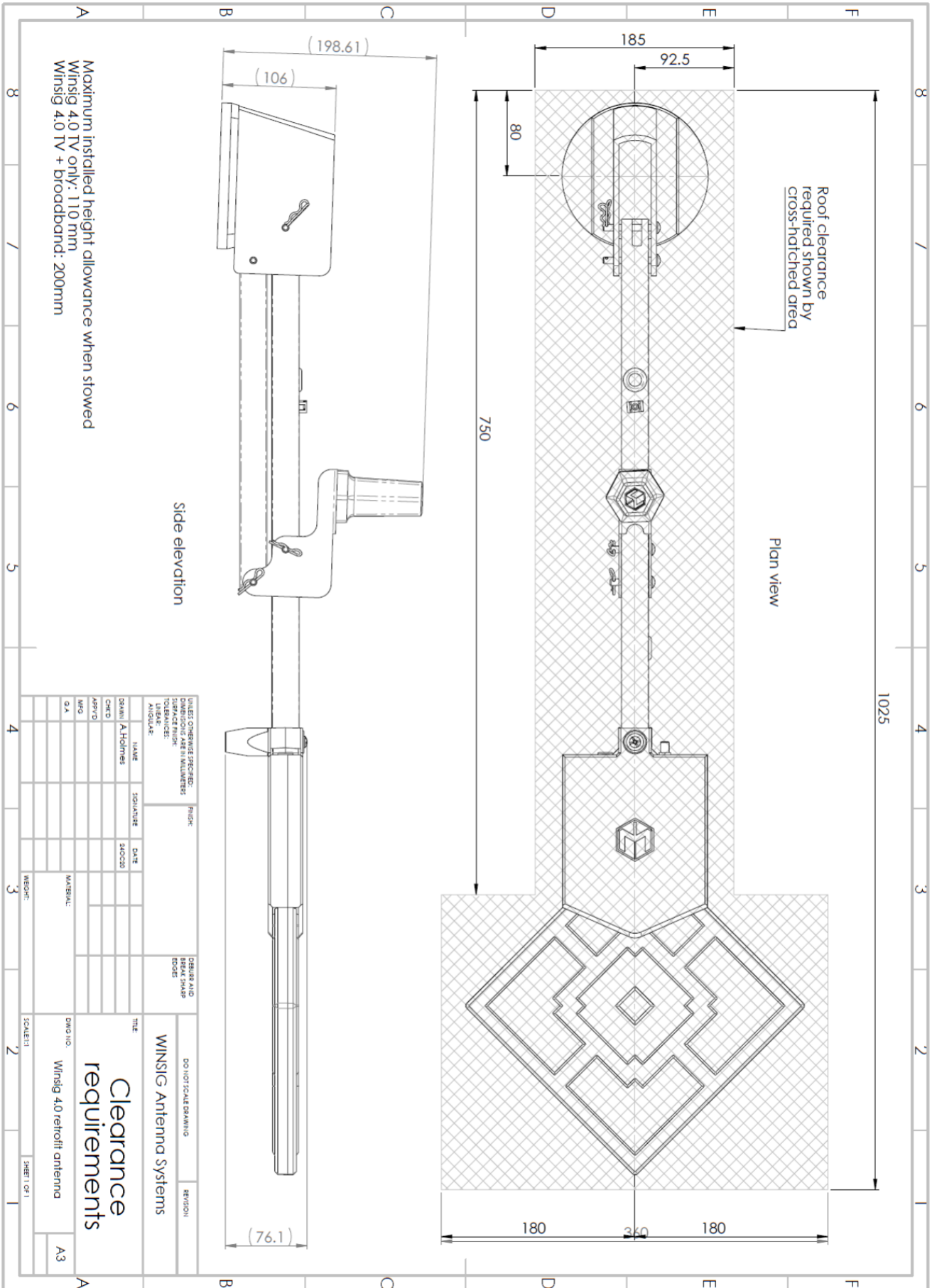
<http://www.winsig.com.au/warranty-registration>.



We love feedback. Please like our page on Facebook and send us an e-mail with your thoughts or a photo of your new installation at **enquiries@winsig.com.au** . We will try to make sure your photo makes it onto our page.



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Winsig 3.2 Ultra Plus Retrofit Quality Assurance check sheet

Functional test

- Antenna

In the box

- Antenna (1)
- Mounting boom (1)
- Clevis pins (1)
- Clevis retaining clips (1)
- Bump stop (1)
- Cable grommets—18mm (2)
- Bump stop grommet (1)
- M5 x 50mm bolt (1)
- M5 washers (1)
- M5 nylock nut (1)
- TV cable—1.5m (1)