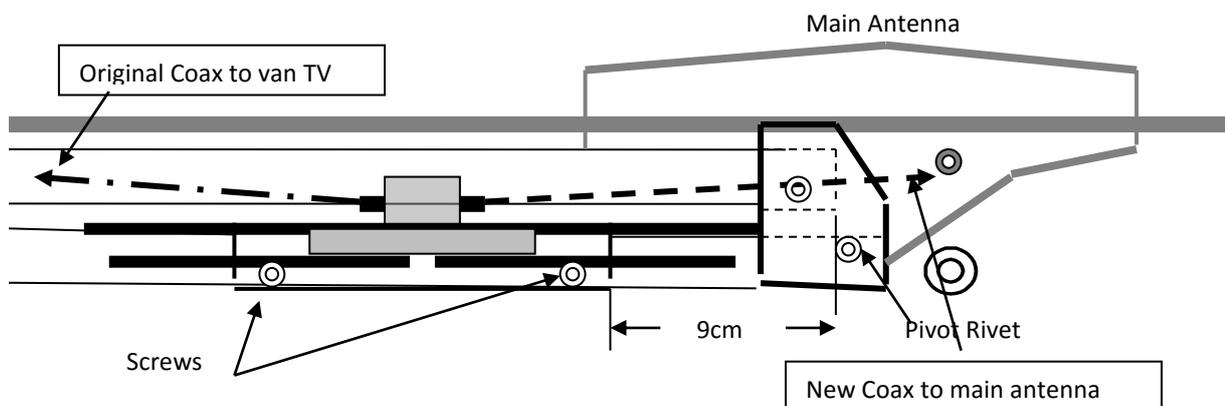
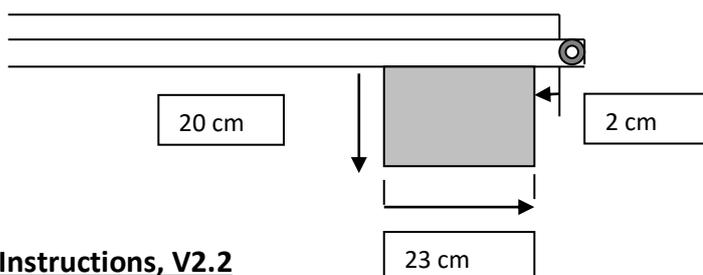


## WinSig – V2.3 Companion Antenna

### Vertical polarity Antenna Attachment for Winegard or AntennaTek (Signal Commander) Caravan Antenna



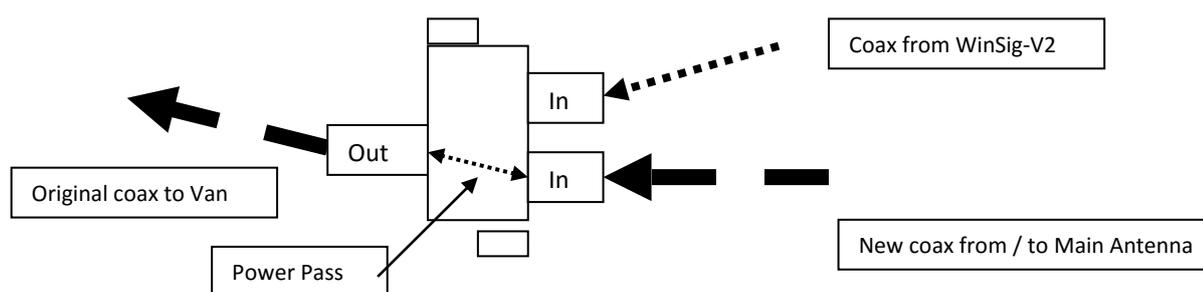
#### Clearance Diagram from air-con or other obstruction (when antenna laying flat)



#### Installation Instructions, V2.2

1. Ensure all power 12V or 240V is off before starting
2. Raise the Caravan antenna (Winegard / Signal Commander) and rotate 90 Degrees (i.e. to place Caravan Antenna at right angles to the length of the van).
3. Lower the Caravan Antenna until it projects out over the side of the Van.
4. Using a ladder, now undo the coaxial cable from the Caravan Antenna and lay back along aluminium support struts. Remove rubber boot by slitting for approx 2cm along narrow end and save.
5. Working with the back of the caravan antenna facing you – **measure down 9 cm** from the lower pivot rivet centre and mark the lower aluminium strut with pencil on the rear face. Remove the screws from WinSig-V2 to allow holes to be used as a template.

6. Place the WinSig-V2 attachment on the lower aluminium strut (with the screw holes down ) so that the flange (where the screws were inserted) is up to the pencil mark and the edge of the flange and the lower edge of the lower aluminium strut are flush with each other. (The main part of WinSig-V2 should lie opposite the main antenna and the bars should be parallel to the main struts.
7. Drill two 3.2mm holes in the lower aluminium strut using the holes in WinSig-V2 as template. Now using the screws supplied attach it to the strut.
8. Using the coax lead (supplied) from the top of Winsig-V2 place the rubber boot on the free end of this cable. Now attach the cable to the main antenna.



9. Using the original coax cable from the van attach it to the lower connection of WinSig-V2. Now tighten all connections (do not over-tighten). Reposition the rubber boot as originally installed and fix in place with insulating tape.
10. From inside the Van, raise the main antenna to full height and orientate towards the signal source. (Note: the Vertical antenna will be pointed in the opposite direction to the main antenna, thus the marker on the internal rotating ring should indicate the side of the WinSig-V2).
11. Make sure the power supply (12volt or 240volt) is ON and the antenna booster is ON.
12. Retune your TV and or Set-top box to the new antenna combination and to receive the vertical transmissions.
13. Provided Vertical stations are available in your area you should now have the extra channels.

Note: Fine-tuning of the direction of the antenna combination will be necessary for best signal strength and in some circumstances re-tuning of the TV and or Set-top Box may be necessary.

**It would be appreciated if you were to send me an e-mail to confirm the success of this attachment, and if you think fit, to place an item on the Jayco Travel Diary site, or any other Caravan Forum website, to tell others of your experience. [andrew@winsig.com.au](mailto:andrew@winsig.com.au)**

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