ZCG

Model

ZN3-SB-L

Large stainless steel barrel spring base and cable assembly

- Suits ZN3-77-12 or ZN3-77-11 heavy duty UHF CB radio mobile antennas.
- Mounts into any bracket with minimum 12.5 mm diameter hole.
- 4.5 metres of RG58 low loss stranded cable with FME Female connector fitted.
- FME Male to UHF Male adaptor supplied to make connection to your UHF CB radio very simple.
- 100 watts maximum input power.

INSTALLATION GUIDE

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DESCRIPTION

This large stainless steel barrel spring base and cable assembly is designed to mount the **ZN3-77-12** or **ZN3-77-11** heavy duty UHF CB radio mobile antennas to a vehicle mount bracket.

SPECIFICATIONS

- 160 mm tall x 55 mm diameter.
- Top mount UHF female connector.
- 12 mm stud, nut and spring washer.
- 4.5 metres of RG58 low loss cable with an FME female connector fitted.

INSTALLATION KIT

The installation kit provided with the spring base includes :

1) 3 mm Allen Hex Key to remove the antenna top when not required, or when you wish to interchange the top with a shorter top (available separately).
2) PVC cap to cover the exposed UHF female connector on the spring base whenever the antenna top has been removed.
3) 6 x 100 mm cable ties.
4) 2 x 200 mm cable ties.
5) FME Male to UHF Male adaptor for simple connection to a UHF CB Radio.

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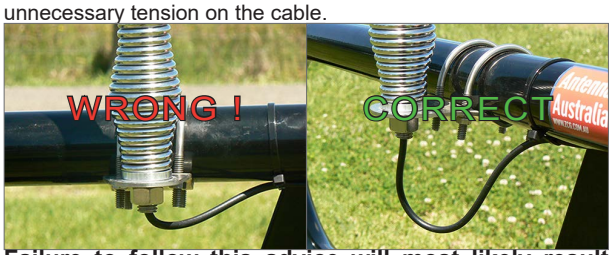
INSTALLATION GUIDE

The heavy duty stainless steel spring base can be fitted into any bracket with a minimium 12.5mm diameter hole.

4.5 metres of RG58 low loss stranded cable bottom exits through the spring base. An FME female connector is fitted to the cable and an FME Male to UHF Male adaptor is supplied to make connection to your UHF CB radio very simple.

1) Remove the split nut from the barrel spring and from the cable.
2) Pass the FME connector and cable through the hole of your mounting bracket or mount hole.
3) Place the split nut back on the cable. Screw the nut back onto the spring and tighten from underneath to secure the antenna firmly to the bull bar bracket.
4) **IMPORTANT : You must <u>leave some slack</u> in the cable at the point where the cable bottom exits through the spring**.

Leaving a stress relief loop in the cable will permit the antenna to flex in the usual manner during travel, without placing unnecessary tension on the cable.



Failure to follow this advice will most likely result in the feeder cable being ripped out of the antenna ! The issue is not covered under warranty.

5) Route the antenna feeder cable carefully to your CB radio. Avoid high heat and electrical areas in the engine bay. Ensure that the cable is not stretched excessively and there are no sharp kinks. Do not pull the cable ties so tight as to crush the cable. A damaged feeder cable is a cause of high VSWR and reduced performance.
6) Neatly coil any excess cable and secure out of sight.
7) Screw the FME female connector fitted to the cable into the FME Male to UHF Male adaptor provided.

8) Connect the adaptor to the antenna input of your UHF CB radio.

The antenna installation is now complete.