

NVIS Kit for 2019 antenna

P/N 2019-01-06 or P/N BCA201900

The Barrett Near Vertical Incidence Skywave (NVIS) Whip is designed to enhance the short range communications efficiency of the Barrett 2019 Automatic Tuning mobile Antenna.

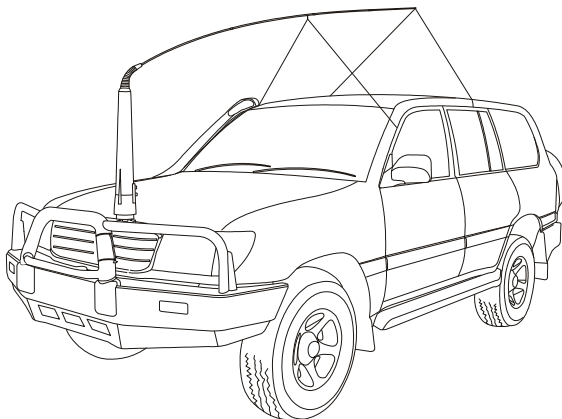
The NVIS kit comprises of two extra mid section fibre glass whips that are used to extend the standard two piece whip. The increased whip length combined with its horizontal orientation provides a significantly higher take off angle and radiation efficiency. Communications paths over the range 20 - 500 kms, particularly in hilly and mountainous terrain, are greatly improved through the use of this kit.

Installing the NVIS kit

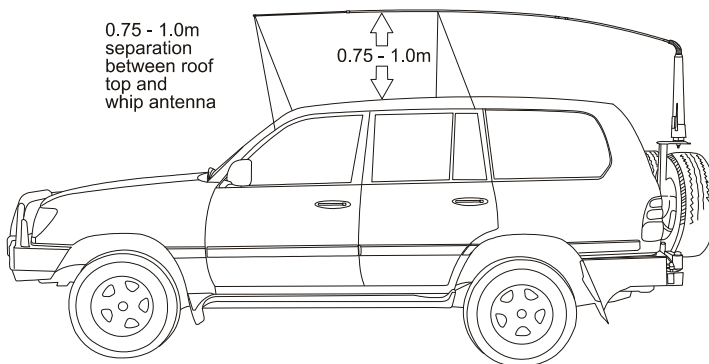
The NVIS kit can be quickly and easily installed as follows:

- 1) Remove the existing 2019 antenna whip. Screw on the two extra mid section whips, provided in the NVIS kit, to the bottom of the existing whip and refit the new lengthened whip to the antenna and spring.
- 2) Using the tie cords provided, pull the antenna over the top of the vehicle roof and secure the cord tails to either side of the roof. The cord tails should be of equal length to ensure that the point at which the antenna is secured follows the centre line of the vehicle roof.

Important:- For steel roofed vehicles there should be approximately 1.0 mt distance between the top of the vehicle roof and whip antenna.

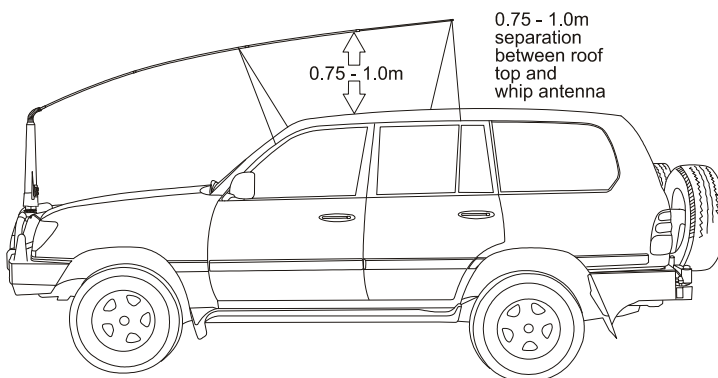


Rear mounting configuration



Warning: Never drive the vehicle with the NVIS whip vertical or unsecured

Front mounting configuration



Warning: Never drive the vehicle with the NVIS whip vertical or unsecured