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## Fitting Instructions

### ZS & LS 2 bar sets for-

#### Volkswagen Caddy

Thank you for choosing **Aiko Design** roof bars – we aim to produce a no-nonsense product so all you will need to install your bars are some spanners (13mm and 10mm) and a means to safely work at a comfortable height above your van without falling off.

Here are your brackets and attachment straps-



The brackets are shown here as if you are looking at the left hand/near side of your vehicle. Please note that the front brackets are taller, and are shaped to follow the slope of your roof. (This arrangement keeps your bars parallel to the road surface so that when you put large sheets of material up there, your van will neither try to take off nor drive you into the road- both of which are known in engineering terms as 'bad'.)

When you get up on top of your vehicle you'll find some black plastic covers in the roof, beneath each of which is a threaded hole; or, if the van has had a rack fitted previously then sometimes these blanks- designed to keep the weather out- can be missing. In either case, **PLEASE** note-

**Be sure to check that the threads are clean and free running because you really don't want to snap a bolt off in there - ideally, you should be able to run a bolt in and out with your fingers- do not use more than a hint of oil/WD-40 etc or you still run the risk of hydraulic action snapping the bolt- and, any bolt can be snapped if over-tightened!**

Depending on your vehicle the brackets attach with either M6 or M8 x 16 bolts and spring washers as supplied. So with the taller brackets at the front and with the 'Aiko' stickers facing outwards (this will ensure that each bracket is in the right orientation, and passers-by will see where you bought such a fabulous product) crack on and fit your brackets. Once the spring washer is flat and the bracket has stopped moving around, you're tight enough and good to go.

You can probably see what is coming next- lay your bars across the tops of your brackets, making sure you are happy that they are evenly positioned left and right, and put your attachment strap over the top of the bracket with an M6 bolt and a washer on the top, and a washer and a Nyloc nut on the bottom. Tighten these until the strap pulls down and securely nips the bar and no further- you don't want to be bending your bracket.

## LS Sets-

Load Stop sets are fitted as above with the addition of the bolt-on load stops; these can be positioned as required and secured with an M6 coach bolt with a washer each side, and a Nyloc nut. Tighten this just enough so that the sides of the load stop grip the bar sufficiently, and no further. **Please note-** the sides of the load stop will bend inwards a little on tightening- this is normal.



Make sure that everything is secure and don't forget to give your rack periodic spanner-checks over the next week or so just in case it needs any settling down on the roof and that's it; we suggest a cup of tea at this stage.

Should you get stuck though please give us a call and we'll be happy to talk you through it.

**Cheers!**

**Note- Please check your vehicle manufacturer's handbook for the maximum recommended roof load**