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Fitting Instructions

ZS & LS 2 bar sets for-

Vauxhall Astra 2006 on-

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 a couple of 10mm and 13mm spanners and a means to safely work at a comfortable height above your van without falling off.

Here are your brackets-



The brackets are shown here as if you are looking at the left hand/near side of your vehicle. Please note that they 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'.

The brackets are handed and need to go on specific corners of your roof, but to help you out here we get the nice lads in our factory to mark up which one is which for you- here you've got your Front Left and Rear Left. (If your brackets haven't been marked like this, let us know and we'll take it out of the lads' wages)



When you get up on top of your vehicle you'll find some black plastic flip up covers in the roof, beneath each of which is a threaded hole. **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.

The brackets attach with the M6 bolts and spring washers as supplied so with the 'Aiko' stickers facing outwards so 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's coming next- lay your bars across the tops of your brackets, make sure you are happy that they are evenly positioned left and right, drop your U or A-bolt over the top and do up the M8 Nyloc nuts. Stop tightening these just as the bars are nipped- if you bend up the corners of the bracket at all, you've gone way too far- so aim for no more than 10nm torque.



U-bolt fixing, ZS sets



U-bolt fixing, LS sets

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 nice 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