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Fitting Instructions

ZS, CS & LS

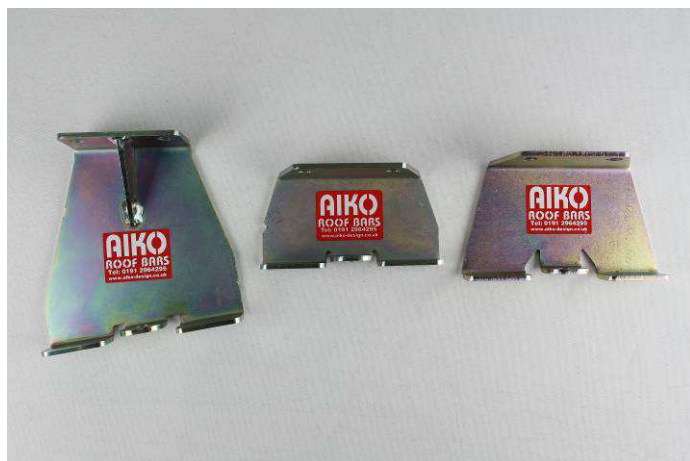
2 and 3 bar sets for-

Citroen Berlingo (2008 on-)

(Parts and instructions are common to all vehicles)

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 is a 13mm spanner and a means to safely work at a comfortable height above your van without falling off.

Here are your brackets- (Front, middle and rear for 3 bar sets- middle bracket is omitted for 2 bar sets)



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'.)

The pair of rear brackets are not handed, but the front and middle ones are- please note that these have little notches in the edges and ensure that these are facing forwards.

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. (If the van has had a rack fitted previously then sometimes these blanks- designed to keep the weather out- can be missing.) . If this is the case, **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 M8 bolts and spring washers as supplied so 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) and with your notches facing forwards, 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.

Don't over-tighten- once the spring washer is flat and the brackets are nice and secure, you're good to go.



U-bolt fixing, ZS sets



A-bolt fixing, CS 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 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.

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