



Aiko Design Ltd. Tel: 0191 296 4295 www.aiko-design.co.uk

Fitting Instructions- 3 bar sets with roller for Vauxhall Combo

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 two spanners (13mm and 10mm), a means to safely work at a comfortable height above your van without falling off, and a mate to help you.

For pre-2001 models the four brackets are all the same- for later models, please note that the front brackets 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 rubber bungs pushed into the roof, beneath each of which is a hole going straight through to your interior. (Nice one, Vauxhall) If the van has had a rack fitted previously then sometimes those bungs- designed to keep the weather out- can be missing.

Special Note for Combo Crew van owners- as you’ll no doubt already be aware, your vehicle is extra posh and has a headlining fitted you’ll need to gain access behind this to provide enough room to use a small spanner. You’ll also need to remove and chuck the brackets that Vauxhall had already fitted to your roof.

We recommend using some mastic around the holes to help seal things- **do NOT use silicone**, as the acetic acid will attack the nice gold zinc passivate finish and could cause rust.

So with the ‘**Aiko**’ stickers facing outwards (this will ensure that everything is correctly oriented, and passers-by will see where you bought such a fabulous product) crack on and fit your brackets. They attach with the M6 bolts supplied (the bracket holes are 8mm to give you a bit of set-up room) and some washers. This is the correct arrangement for everything-



- Bolt and small plain washer on top of the bracket-
- Bracket on top of the roof- (Duh!)
- Large penny washer inside up against the roof-
- Spring washer-
- nut.

Talking of nuts, you’ll have noticed that this is where you need the mate we mentioned, because you can’t be in two places at once. (If it’s raining, make sure the mate is used on the outside)

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

You can probably see what’s coming next- lay your cross bars across the tops of your brackets, drop a strap over the top and add the M6 fasteners- don’t tighten them fully yet though as first we need to add the longitudinal bars. (Plain for RS customers, and with the raised sides on the FS set- FS shown)

Again, these are very straightforward- they bolt into the ends of the cross bars with an M8 x 16 bolt with a spring washer.

Put one longitudinal in place with the barest nip on the bolts- this will begin to align the cross bars...





...and fit the roller at the back as you install the other side. The bearings are made from self-lubricating Nylotron (graphite impregnated nylon) and need no additional lubrication.



With Vauxhall deciding that you only needed roof mountings at the front and middle of your van, the aft-most crossbar uses a pair of adjustable rubber feet instead and has an extra M6 Nyloc nut and bolt at the end to prevent it from turning. Drop this into place but again, don't tighten everything fully yet.



By now you should have the whole rack loosely assembled and it's time to have a walk around admiring your handiwork and giving it a nudge here and there until everything lines up nice and squarely and looks the part. Once you're happy with the position and fit it's finally time to tighten everything up.

Don't forget the adjustable feet- wind them down until they are in firm contact with your roof, and then do up the lock nuts.

Make sure 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 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.