



VORZUG INSTALLATION AND USAGE INSTRUCTIONS WITH ASCALONS

Many thanks for your purchase of AeroCoach Vorzug aerobars: please read the following instructions carefully as issues caused by failure to adhere to the instructions will not be covered by warranty.

- AeroCoach Vorzug aerobars are made of carbon fibre for the base bar and arm rests, CNC aluminium for the stackers, V stacker adapter and 3D sintered nylon for the top caps, angled and matched spacers. Ascalons are made of carbon fibre or titanium and 3D sintered nylon.
- If you are not familiar with the installation of aerobars, please consult your local bike shop for advice.
- The diameter of the steerer tube clamp section is industry standard 1 1/8" - 1" steerer tube reducers should not be used.
- No part of the Vorzug aerobars should be modified in any way, for example drilling or cutting.

Installation:

- Ensure your steerer tube is clean and free from burrs or damage, as this will affect the security of the clamp section.
- Place the 3D printed matched spacer (arrows pointing forwards, in the direction of travel).
- Slide the Vorzug bars onto your steerer tube.
- If you wish to have a flush upper surface with your aerobars, then you can cut your steerer tube to leave 3mm below the upper surface of the Vorzug bars, along with the airfoil 3D printed top cap. Do not cut your steerer tube too short as this will affect the security of the clamp section.
- If you wish to leave steerer tube protruding out of the top of the Vorzug bars, use the angled steerer tube spacer first, on top of the Vorzug bars, followed by standard steerer tube spacers (not included) and a standard top cap (not included).
- Having established your preferred steerer setup, remove the Vorzug bars from the bike.
- Using the CNC stackers and M6 button head bolts, **each with a provided M6 washer under the bolt head**, select your stack setup using the table below

Stacker height	Front bolt length	Rear bolt length
0mm	25mm	30mm
5mm	30mm	35mm
10mm	35mm	40mm
15mm	40mm	45mm
20mm	45mm	50mm
25mm	50mm	55mm
30mm	55mm	60mm
35mm	60mm	65mm
40mm	65mm	70mm
45mm	70mm	75mm
50mm	75mm	80mm

- Fix the V stacker to the base bar using the correct bolts in the table above to 6Nm.
- Attach the Ascalons to the V stacker using the M6 16mm bolts for titanium Ascalons, or M6 12mm bolts for carbon Ascalons. Recommended torque is 5-6Nm
- Place the included wedges on top of the Ascalons (to bring the arm rests back to 15deg), then attach the Align Wing carbon arm rests to the Ascalons on top of the wedges. Use the provided M5 button head bolts (please ensure at least 5mm of thread is engaged with the threaded holes of the Ascalons), and ensure directly underneath the bolt heads are the M5 metal washers (provided in the arm rest pack) followed by the angled washers. Recommended torque is 4-5Nm
- Mount the Vorzug bars onto the steerer using your preferred steerer tube arrangement.
- Tighten the top cap to preload the headset according to your frame's specification.
- Tighten the stem pinch bolts to 8-10Nm, using carbon paste on the steerer. The bolts should initially be tightened to 6Nm (using a 4mm and 5mm allen key), and then in half-turn increments alternately until 8-10Nm is reached and the bar is securely clamped.

Please check your equipment before each ride - if you see any damage to the handlebars or stem then you should not use the bicycle until it has been inspected

AeroCoach LTD does not accept any liability for issues arising due to non-compliance of these instructions. If you are unsure about the setup of your Vorzug bars, please contact customerservice@aero-coach.co.uk