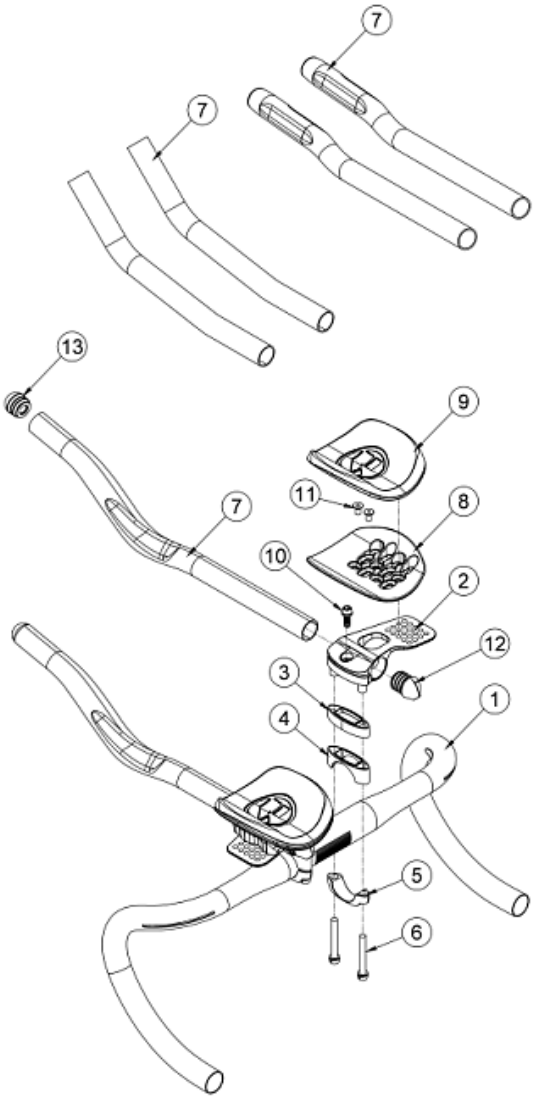
Vision Clip-On Handlebar Installation Instructions

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Introduction

Congratulations on your Vision product. Please read these instructions and follow them for correct use. Failure to follow the warnings and instructions could result in damage to product not covered under warranty, damage to bicycle; or cause an accident resulting in injury or death. Since specific tools and experience are necessary for proper installation, it is recommended that the product be installed by a qualified bicycle technician. FSA & Vision assumes no responsibility for damages or injury related to improperly installed components.

Warranty

Full Speed Ahead (FSA) warrants all FSA and Vision products to be free from defects in materials or workmanship for a period of two years after original purchase unless otherwise stated in the full warranty policy. The warranty is non-transferable and valid to the original purchaser of the product only. Any attempt to modify the product in any way such as drilling, grinding, and painting will void the warranty. For more information on warranty policy and instructions for completing a warranty claim, check out the Full Warranty Policy found at our website:
https://www.visiontechusa.com/en/technology

⚠ WARNING Always use a calibrated torque wrench to tighten all screws and bolts when assembling and adjusting the vision handlebar to the bicycle. Failure to use a calibrated torque wrench can cause damage to the handlebar making it unsafe to ride, and is not covered under warranty. Check bolt and screw torque before each ride to ensure they have not loosened during use.

⚠ WARNING Periodically inspect your Aerboars for any cracks, chips, scratches, and any other visible damage. In the event of an accident do not ride the bicycle until the handlebars have been inspected by an experienced mechanic as the Aerobars may be damaged or weakened even if no visible damage is apparent. If there is any visible damage, the Aerobars should not be used any further and replaced.

⚠ WARNING When changing the armrest Stack spacers ③, use the correct length bolt ⑥ as per the chart show in Table 1. Use only Vision supplied bolts. Failure to use the correct length bolt can result in thread strippage of the base bar, failure of base bar, and armrest pad and can cause serious accident or injury.

Specification

These instructions are for the installation and adjustment of the following Vision Brand components only:
Model Name **TriMax Clip-On**

Optional Replacement Parts

Optional Replacement Parts for Vision Clip-On Aerobars not included in the package. Replacment parts can be purchase from FSA distributors or dealers.
Model Name **TriMax Armrest stack Spacer Kit**

Components

Follow the assembly order in the illustration:

① Handlebar x1
② Aero Extension / Armrest Mount (L & R) x2
③ Stack Spacer (10 mm) x2
④ Arc Spacer x2
⑤ Lower Clamp plate x2
⑥ Aero Extension / Armrest Mount Bolts (35 mm x4 & 45mm x4)
⑦ Aero Extension (L & R) x2
⑧ Armrest Plates (L & R) x2
⑨ Armrest Pad x2
⑩ Aero Extension / Mount Fixing Bolts (16mm) x2
⑪ Armrest Plate Bolts x4
⑫ Aero Extension Rear plug x2
⑬ Aero Extension Front plug x2

Clip On Aerobar installation

1. Ensure handlebar is compatible with clip-on aero bars. Confirm that the diameter of the handlebar ① matches the Vision clip-on bar Arc Spacer ④ and Lower Clamp Plate ⑤ (31.8mm).
2. See Table 1 for Stack Spacer and bolt configuration. Install Armrest Mount ② and desired Stack Spacer(s) ③, Arc Spacer ④ and Lower Handlebar Clamp ⑤ onto the handlebar. Choose correct Armrest Mount Bolt ⑥ for stack spacer configuration. Apply light grease to the Armrest Mount Bolts ⑥ and thread in through assembly into clamp plate.

⚠ WARNING Do not apply grease onto the handlebar clamping surfaces or the clip-on bar clip surfaces. FSA / Vision recommends using carbon installation compound between clamp surfaces and handlebar, especially on clip-on compatible carbon handlebars.

3. Alternately tighten Armrest Mount Bolts ⑥. Tighten evenly between each bolt. Do not tighten above 82 kgf.cm / 8 Nm / 71 in.lbs.

Note: If Installing on carbon handlebars, it is recommended to use with FSA / Vision carbon handlebars. Other manufacturers carbon handlebars may be damaged if clip-on bar is tightened to 82 kgf.cm / 8 Nm / 71 in.lbs. Consult handlebar manufacturers for Installation recommendations. Failure to follow proper torque may cause damage to other carbon handlebars and is not covered under warranty.

4. Slide Aero Extensions ⑦ into Aero Extension Mount ②. Set to desired length and rotation angle. Tighten Aero Extension / Mount Fixing Bolts ⑩ to 31 kgf.cm / 3 Nm / 27 in.lbs.

⚠ WARNING Ensure the minimum insertion length indication on the Aero Extensions bar ⑦ (MIN^INSERT) is beyond the Armrest mount ends. Riding the clip-on bar without the " Minimum Insertion " line inside Armrest mount can cause damage and unexpected clip-on bar failure causing accident and injury.

5. Choose the desired armrest position and attach the armrest plate ⑧ to Aero Extension / Armrest Mount ②. Install Armrest Plate Bolts ⑪ and tighten to 20 kgf.cm / 2 Nm / 18 in.lbs. Always use a calibrated torque wrench to tighten armrest fixing bolts.
6. Remove the adhesive velcro strips from armrest pads ⑨ and attach to the top surface of left and right armrest plates ⑧.

⚠ WARNING Never attempt to modify the cable guide holes. Do not drill, saw, or file the holes larger or to a different shape. Modifications will void warranty and may result in failure of the handlebar while riding causing accident, injury, or death.

Table 1: Armrest Stack Spacer & Bolt Compatibility

TriMax Clip On Armrest stack Spacer Kit	Stack Spacer ③ & Bridge	Stack Heights		Bolt ⑥
Standard Accessory	B Spacer (10 mm) x2	W/O	0mm	35 mm
		B spacer	10 mm	45 mm
Optional Accessories Kit (V0200)	Bridge x1 A Spacer (5 mm) x2 B Spacer (10 mm) x2 C Spacer (20 mm) x2	A Spacer + Bridge	10 mm	45 mm
		A+B Spacer + Bridge	20 mm	55 mm
		A+C Spacer + Bridge	30 mm	65 mm

Contact

If you have questions, please visit our web site technical section: https://www.visiontechusa.com/en/support or contact:

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Notes: Specifications of product may be changed or improved for performance. Please refer to website periodically for technical updates and revised instructions. Printed in Taiwan.