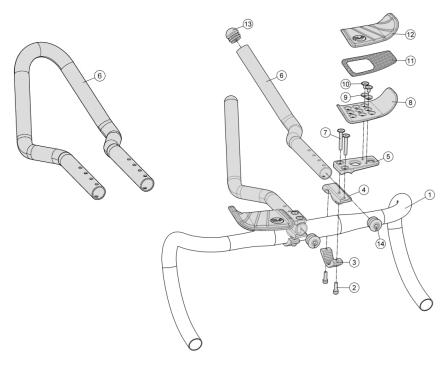
Vision Team Clip-On Handlebar Installation Instructions



Published - Dec, 2016. ZS192.v0 © Full Speed Ahead



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, Vision, Metropolis and RPM 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: http://www.visiontechusa.com/support/warranty-policy/

AWARNING 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.

Specification

Components

Follow the assembly order in the illustration:

- 1 Handlebar
- 2 Clamp Bolts (16 mm)x4
- ③ Lower Clamp x2
- ④ Upper Clamp x2
- (5) Armrest Mount (L & R) x2
- (6) Aero Extension (L & R) x2
- (7) Aero Extension Bolts (35 mm) x2

- ® Armrest Plates (L & R) x2
- (9) Washer x4
- (10) Armrest Plates Fixing Bolts (10mm) x4
- (I) Adhesive Velcro Strips x2
- 12 Armrest Pad x2
- (13) Aero Extension Front Plug x2
- (14) Aero Extension Rear Plug x2



Clip-On Aerobar installation

- 1. Vision clip-on bar clamps are Φ31.8mm diameter. Ensure handlebar is compatible with clip-on aero bars and is Φ31.8mm diameter. FSA reccommends using carbon installation compound between clamp surfaces and handlebar, especially on clip-on compatible carbon handlebars. DO NOT apply grease to any of the clamping surfaces.
- WARNING Installing clip-on aerobars on a non-compatible handlebar can cause damage to the handlebar and may result in accident, injury or death.
- 2. Install Upper and Lower Clamps ③, ④ on the handlebar ①. Move the clamp plates to the desired width. Alternately tighten Clamp Bolts ② to 60 kgf.cm / 6 Nm / 53 in.lbs.
- WARNING To ensure clamping security and safety, install clip-on bars only on the round center section of handlebar. Do not install clip-on bar on any tapered or shaped section of handlebar.
- Installing clip-on bar in any location other than the round center section may cause slippage or damage to handlebar or aerobar resulting in loss of control, accident, injury or death.
- 3. Install Aero Extensions (6) in to Upper Clamp (4) and Armrest Mount (5). Set to desired length, Alternately tighten Aero Extension Bolts (7) to 60 kgf.cm / 6 km / 53 in.lbs.
- 4. Choose the desired armrest position and attach the Armrest Plate (8) to Armrest mount (5). Install Armrest Plate Fixing Bolts (10) and Washers (9) and tighten to 60 kgf.cm / 6 Nm / 53 in.lbs.
- Always install the armrest bolts with washers. Installing armrest bolts without washers can cause armrests to crack and fail unexpectedly while riding resulting in loss of control of bicycle.
- 5. Remove the adhesive velcro strips ① from armrest pads ② and attach to the top surface of left and right armrest plates.
- 6. Press Aero Extension Front and Rear Plugs (3), (4) in to aero extension.

Always use a calibrated torque wrench to tighten armrest fixing bolts.

- Use only supplied Vision bolts for installation. Using bolts other than original supplied bolts may cause damage to extension bar threads resulting in armrest plate position deflection while riding, resulting in loss of control of bicycle and can cause serious accident or injury. Apply threadlocker to the fixing bolts threads.
- **WARNING** Team Clip on aerobars must not be trimmed or cut from the front or rear. Cutting aerobars will void the warranty.
- **WARNING** Team Clip-on aerobars are not compatible with bar-end shifters. Using bar-end shifters with Team Clip-on aerobars will void the warranty.

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If you have questions, please visit our web site technical section: http://www.fullspeedahead.com/contact or contact:



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METROPOLIS

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.