



Road Handlebar Installation Instructions

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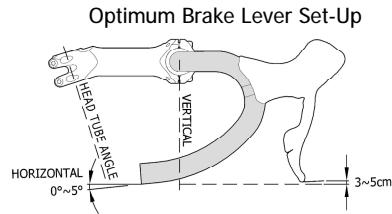
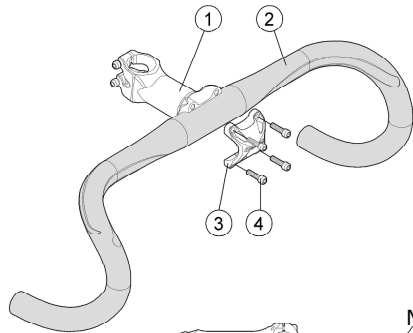


Fig.1

Introduction

Congratulations on your Full Speed Ahead 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, Gravity, 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.fullspeedahead.com/techdoc>

Specification

Item Number / Model Name All Road Handlebars

Components

Follow the assembly order in the illustration:

- ① Stem Body
- ② Handlebar body
- ③ Stem Face Plate
- ④ Fixing Bolts

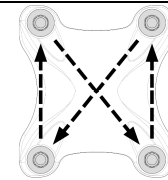


Fig.2 Alternate tightening of the bolts using an " X "

Handlebar Installation

1. Inspect the handlebar clamp area and remove any burrs and sharp edges. Check to be sure that you are using a stem with the proper clamp size diameter for the bar you are using.
2. Remove the stem face plate. Insert the handlebar ② between the stem ① and the face plate ③. It is recommended to use FSA Dynamic Installation compound between the handlebar and stem and faceplate surfaces to reduce possibility of handlebar slippage. Thread the faceplate bolts ④ finger tight. Adjust the handlebar ends approximately horizontal (0°-5°).
3. FSA road handlebars are designed to be positioned with the bar ends nearly horizontal (0°-5°). This is the best position for riding in the drops and shortest reach to the brake lever. Shown in illustration " Optimum Brake Lever Set-Up ". Do not position handlebars or brake levers as shown in illustration " Not Recommended ".

⚠ CAUTION Make sure handlebar is centered in the stem clamp using indicator lines on handlebar. The stem clamp area is reinforced to withstand clamping pressure. Failure to position handlebar in reinforced area may cause failure to the handlebar during installation and is not covered under warranty.

4. Apply grease to fixing bolts (ti-prep for titanium bolts). Tighten the face plate bolts ④ to the minimum torque necessary to secure the handlebar. Tighten by alternating ¼ turn at a time between fixing bolts in order to tighten stem cap evenly. Note: On stems using 4 fixing bolts, use an " X " pattern (see illustration on right of page Fig.2) so all 4 bolts reach torque simultaneously.

⚠ WARNING Under no circumstances should fixing bolt torque exceed 60 kgf.cm / 6 Nm / 53 in.lbs. Exceeding torque limit may damage bar causing failure, accident, injury or death. If bolts are tightened to torque limit and handlebar slips, do NOT ride, contact FSA for recommendations and troubleshooting.

5. It is recommended to use FSA Dynamic Installation compound between handlebar and brake lever clamp to reduce slippage and over-tightening.

6. Position brake levers so the ends of the levers are 3-5 cm above the bottom plane of the handlebar ends. Shown in illustration " Optimum Brake Lever Set-Up ".

⚠ WARNING The brake lever band clamp bolt torque should NOT exceed 60 kgf.cm / 6 Nm / 53 in.lbs. Carbon handlebars have an area for brake lever clamping indicated by raised / rough clear coat. Do not position brake lever out of this area. Damage to handlebar or failure resulting in accident, injury, or death can occur.



Contact

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

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