

Plasma Integrated Compact Handlebar and Control Center Installation Instructions

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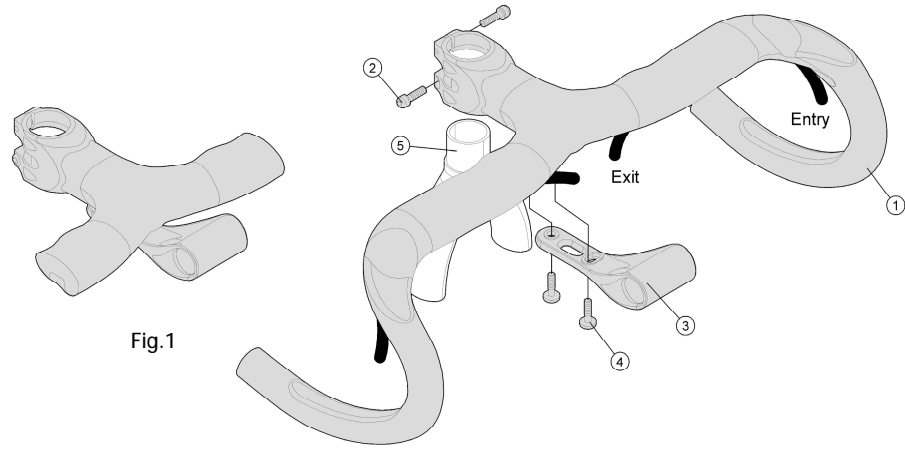


Fig.1

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 | SB-RK-i300S / Plasma Integrated Compact |
| Item Number / Model Name | SB-RK-i300S/Di2 / Plasma Integrated Compact |
| Item Number / Model Name | EE099 / Control Center for Plasma Integrated Compact |

Components

Follow the assembly order in the illustration:

- | | |
|-----------------------|--------------------------|
| ① Handlebar / Stem x1 | ④ Control Center Bolt x2 |
| ② Stem Bolt x2 | ⑤ Steerer tube |
| ③ Control Center x1 | |

Handlebar Installation

The FSA Control Center is designed to allow the installation of headlamps or GPS units weighting up to 4.2 oz (120 grams). Installing accessories that weigh above 4.2 grams may result in damage to control center, handlebar, or attached accessory that is not covered under warranty.

1. Make certain no sharp burrs are present on the 1-1/8" (Ø28.6) steerer tube ⑤. Carefully file or sand any sharp edges or burrs if necessary.
2. Loosen the two Stem Bolts. Slide the Bar / Stem ① onto the steerertube until contact with the headset or spacers is made.

⚠ WARNING Do not apply grease onto a carbon steerer tube. Only Carbon Assembly Paste is acceptable.

3. Install the headset top cap and compression bolt (Not shown, included with headset). Adjust the headset preload per the headset manufacture's instructions.
4. Apply a light layer of grease onto the Stem Bolt ② threads. Align the stem with the front wheel. Gradually tighten the Stem Bolts; alternating between the two Stem Bolts until 60 kgf.cm / 6 Nm / 53 in.lbs max is achieved.
5. Install the Control Center ③ onto the bottom of the stem. Adjust the position as desired then alternately tighten the Control Center Bolts ④ to 20 kgf.cm / 2 Nm / 18 in.lbs max.

Cable Installation

The brake and shifter housing can be routed internally as shown in the illustration. (Entry and Exit points). Use only 4mm housing for internal routing. Cut housing slightly longer than usual length to allow free movement side to side when steering. Cutting housing too short can damage the handlebar and cause carbon housing entry points to crack.

⚠ WARNING Never attempt to modify the cable guide holes. Do not drill, saw or file the holes larger or to a different shape. The position and size has been carefully engineered to maintain the strength of the handlebar. Any modification of the cable guide holes will void the warranty and may lead to premature failure of the handlebar, leading to possible loss of control of the bicycle resulting in injury or death.



Contact

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

