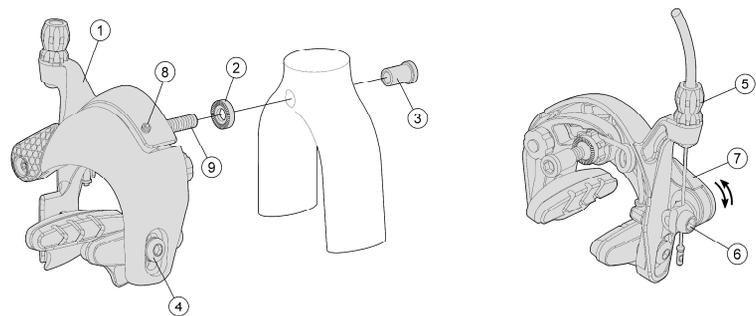


## Brakeset Installation Instructions

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### Components

Follow the assembly order in the illustration:

- |                      |                            |                                      |
|----------------------|----------------------------|--------------------------------------|
| ① Brakeset Main Body | ④ M5 Brake Pad Anchor Bolt | ⑦ Quick Release                      |
| ② Spacing Washer x2  | ⑤ Barrel Adjuster          | ⑧ M4 Fine Adjustment Centering Screw |
| ③ Fixing Nut x1      | ⑥ M5 Cable Anchor Bolt     | ⑨ Main Pivot Bolt                    |

### Brakeset Installation

1. Ensure that the fork and frame brake mounting holes are clean and free of paint, dirt, or metal chips.
2. Install 1 spacing washer ② to the Main Pivot Bolt ⑨ and insert Main Pivot Bolt into fork or frame mounting hole. If the brake shoes contact the frame or fork when brake is inserted, remove brake and add the 2<sup>nd</sup> spacing washer for more clearance. Note: Front and rear brakes have different length of main pivot bolts. Use Brake Caliper with long bolt for front (installed on the fork) and caliper with short bolt for rear (installed on frame).
3. Hold the Brakeset Main Body ① so the left and right pads are equal distance from rim. With Brake Main Body centered, tighten the fixing nut ③ to a torque of 80-100 kgf.cm / 8-10 Nm / 70-90 in.lbs.
4. Loosen the M5 brake pad adjustment bolt ④ and adjust the brake pad to match the profile of the rim braking surface. Ensure that pad contact with rim braking surface is flat or "toed in" slightly to reduce noise and chatter. Make sure pad does not contact tire through entire movement of braking action (open to closed on rim). Tighten the M5 brake pad adjustment screw ④ to 50-70 kgf.cm / 5-7 Nm / 45-62 in.lbs.
5. After cutting brake cable housing to appropriate length (not included) insert brake cable housing in barrel adjuster ⑤. Feed brake cable inner wire (not included) through brake lever and housing, then ensure the cable is seated between the two plates located on the M5 cable anchor bolt ⑥. While maintaining proper cable tension, and with quick release in "closed" position (flipped down), tighten the Cable Anchor Bolt to a torque of 60-80 kgf.cm / 6-8 Nm / 53-70 in.lbs. Cut excess cable inner wire and cap with brake cable end. Note: With proper cable tension and brake pad adjustment, the recommended brake pad clearance is 1-3mm from rim.
6. The M4 Fine Adjustment Centering Screw ⑧ can make small adjustments to center the brake pads equidistance from the rim. Never adjust Fine Adjustment screw all the way tightened or all the way loosened from the main body otherwise spring tension and braking performance may be compromised. If more adjustment ① is required, it is necessary to loosen the Fixing Nut ③ and repeat step 3 and re-center Brakeset Main Body before proceeding.

Adjustment: Turn the barrel adjuster ⑤ counter-clockwise for lower cable tension: moves pads away from rim for looser braking feel. Turn the barrel adjuster ⑤ clockwise for higher cable tension: moves pads closer to rim for tighter braking feel.

Brake Pad Removal: Flip Quick Release ⑦ up in "open" position to release tension on brake cable and increase the clearance of brake pads and the rim. Loosen the M5 brake pad adjustment bolt ④ to remove brake pad from Brakeset Main Body. Installation is reverse procedure of Pad Removal.

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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, 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>

**⚠ WARNING** Always check brake lever and braking action before every ride. Inspect brake cable for wear, corrosion, and fraying of the cable. If braking action does not feel adequate, or cable wear, corrosion, or fraying is apparent; discontinue use of the bicycle until a new cable has been installed and brake has been adjusted properly by an experienced mechanic. Check brake pads for wear before each ride. Replace brake pads before wear reaches wear indicator line.

**⚠ WARNING** Do NOT use shifter cable in place of proper brake cable! Loss of braking may result causing accident and possible injury.

### Specification

Model Name TriMax Aero Caliper Brake

### 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.

