

K-Force Disc Brake Titanium Bolt Installation Instructions

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Fig. 1

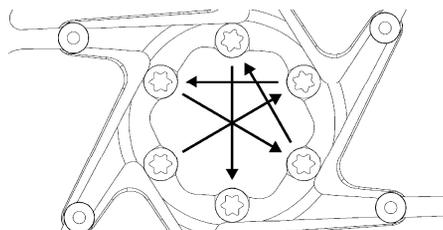


Fig. 2

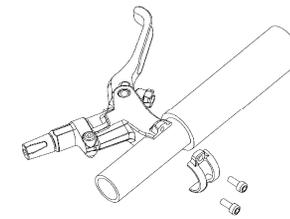


Fig. 3

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), 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. Disc brakes have a specific warranty. This warranty can be viewed at Fullspeedahead.com. For more information on warranty policy and instructions for completing a warranty claim, check out the Full Warranty Policy found at our website.

⚠ WARNING In the event of an accident do not ride the bicycle until the brakes have been inspected by an experienced mechanic as they may be damaged even if no visible damage is apparent. If there is any visible damage, the brakes should not be used any further and replaced.

⚠ WARNING Always check 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.

⚠ WARNING Brakes are a safety item on a bicycle. Improper setup or use can result in a loss of control or an accident leading to severe injury. Be sure to wear safety glasses or goggles to protect your eyes while performing maintenance tasks such as replacing parts.

⚠ WARNING Disc brakes create a large amount of heat during use. Attempting to touch, or do any work on the Disc caliper or rotor without allowing the component to cool may result in serious injury. Always allow the disc brake to cool before attempting.

Specification

Item Number / Model Name **DB027 / Disc Brake Titanium Hardware Kit Assembly**

Components

Follow the assembly order in the illustration:

- | | |
|--|--|
| ① Disc (one piece and two piece, 6-bolt) Rotor | ④ Disc caliper |
| ② Titanium rotor bolts (x6) | ⑤ Disc caliper Titanium mounting bolts |
| ③ Hub flange | |

Tools Needed

- | | | |
|---------------------------------|----------------------------|----------------------|
| 1. TORX wrench Set (T10 - T30) | 3. Safety Glasses / gloves | 5. Isopropyl alcohol |
| 2. Torque wrench (5.7 – 6.3 Nm) | 4. Lint-free rags | |

Brake Disc Rotor Replacement

To watch a video of the complete procedure, visit:

<http://www.fullspeedahead.tv/channel/8633151/how-to-disc-brakes>

⚠ WARNING Use of a disc specific wheel with a 3 cross spoke pattern and a high quality skewer is recommended.

1. Remove the wheel.
2. Remove the steel Torx bolts.
3. Clean disc and hub with isopropyl alcohol. ensure that the hub threads and hub mounting surface are free of dirt and grit.
4. Place the disc on the hub mounting surface with the markings facing outward from the spokes. Ensure the arrow on the disc is pointing in the direction of forward wheel rotation. (Fig. 1)
5. Install and tighten the titanium rotor bolts (6) in a star pattern to 6 Nm. (Fig. 2)

⚠ CAUTION Do not over tighten the titanium rotor bolts, to prevent damage to the threads, disc, or screws.

6. Remove Lever bolts.
7. Replace lever bolts with titanium lever bolts, and tighten to minimum torque recommended by the handlebar manufacturer. (Fig. 3)
8. Remove caliper mounting bolts.
9. Replace caliper mounting bolts with Titanium caliper bolts.
10. Reinstall the wheel.
11. Spin the wheel to ensure that the rotor is not rubbing against the brake pads. If there is rubbing, re-align the caliper. Refer to the Brake Installation and Set up instructions, as needed.



Contact

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

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