**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, Vision 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: [https://www.fullspeedahead.com/en/technology](https://www.fullspeedahead.com/en/technology)

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**Crankset Installation**

1. Ensure that Bottom Bracket (BB) shell \(\text{①}\) is clean and free of metal chips, dirt and excess paint.
2. Install the Right Bearing Cup \(\text{②}\) and Left Bearing Cup \(\text{③}\). Tighten the cup to 408-510 kgf.cm / 40-50 Nm / 354-443 in.lbs. Note: Follow the BB installation instruction if other BB will be installed.
3. Lightly grease the spindle bearing contact surface \(\text{⑦}\) and insert from non-drive side.
4. Install the Right Crank Arm \(\text{⑨}\) onto the Spindle. Use 8mm hex wrench to tighten the QR Self Extracting Crank Bolt \(\text{⑩}\) to 388-418 kgf.cm / 38-41 Nm / 336-363 in.lbs. Do not tighten crank bolt over 418 kgf.cm / 41 Nm / 363 in.lbs.
5. Adjust preload nut \(\text{④}\) until crank contact BB assembly. Tighten preload nut set screw \(\text{⑤}\) with 2.5mm allen to a torque 25-36 kgf.cm / 2.5-3.5 Nm / 22-31 in.lbs to secure preload nut.

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**Left Arm Removal in case of need to change spindle**

1. Use a 8mm hex wrench to remove drive arm \(\text{⑩}\) with the self extracting bolt \(\text{⑪}\).
2. Remove drive side (right) crank arm \(\text{⑥}\) self extracting collar \(\text{⑩}\) using a 10mm Hex.
3. Remove the left side crank bolt \(\text{⑧}\) using a 10mm hex wrench.
4. Install the self extracting bolt and self extracting collar \(\text{⑩}\) in to the left crank arm \(\text{⑥}\). Ensure the self extracting collar is completely tightened.
5. Loosen the self extracting bolt to remove left arm.

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**Fig.1 Spindle dimension (w/o Preload Nut \(\text{④}\))**

105.5 +0.3

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**Specification**

<table>
<thead>
<tr>
<th>Model Name / Item Number</th>
<th>K-Force Team Edition Crankset / CKM-OS8500</th>
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</thead>
</table>

**Components**

- Bottom Bracket Shell \(\text{①}\)
- Right Bearing Cup \(\text{②}\)
- Left Bearing Cup \(\text{③}\)
- Preload Nut \(\text{④}\)
- Preload Nut Set Screw \(\text{⑤}\)
- crank spindle \(\text{⑦}\)
- Left Crank Arm \(\text{⑥}\)
- Right Crank Arm \(\text{⑨}\)
- QR Self Ext. Crank Bolt \(\text{⑩}\)
- 0.5 mm Spacer \(\text{⑪}\) (not included in crankset)

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**Contact**

If you have questions, please visit our web site technical section: [https://www.fullspeedahead.com/en/support](https://www.fullspeedahead.com/en/support) 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.