



# Pedal and Chainring Installation Instructions

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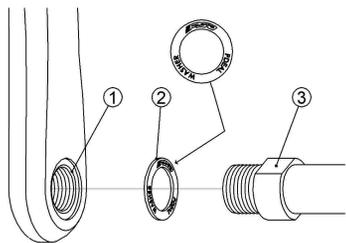


Fig.1

(1) Outer chainering

(2) Inner / Middle chainering

(3)

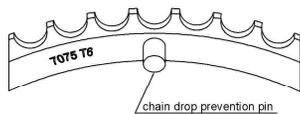


Fig.2

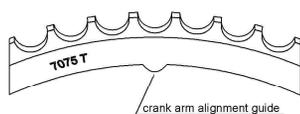


Fig.3

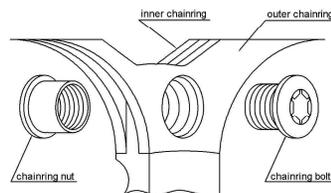


Fig.4

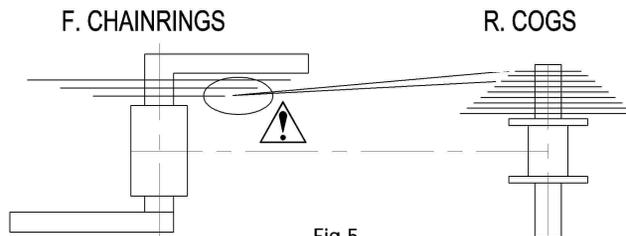


Fig.5

## Pedal Installation (Reference Fig.1)

Apply a thin layer of grease to the threads inside the Pedal Insert ①, place washer ② on top of pedal insert (for carbon crankset), install the pedal ③ and tight to a torque 390-490 kgf.cm / 39-49 Nm / 345-435 in.lbs. Note: It is not recommended to use pedal extensions.

## Chainring Installation

- With the FSA Logos and printed surface facing out, position the larger chainering so that the chain drop prevention pin is located behind the crank arm. For cranks with bashguards instead of outer chainrings, assemble with FSA Logos facing out. (Fig.2)
- With the FSA Logos and printed surface facing out, position the inner chainering so that the alignment guide is located behind the crank arm. Use the same installation procedure for the third chainering on a triple crankset. (Fig.3)
- Apply grease to the chainering bolt threads and surfaces where they contact the crank arm and chainrings. Fasten the chainrings to the crankarm using the T-30 chainering bolts to a torque of 120 kgf.cm / 12 Nm / 106 in.lbs. (Fig.4)

## Inner Chainering – Small-Cog Chain Angle (Cross-chaining)

When the chain is on the inner chainering and the small cogs of the rear cassette, it may contact the larger ring (s) and make noise. It is not recommended to use the chain at this extreme combination of chainering and cog. (Fig.5)

## 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 Pedal and Chainering

## Components

Follow the assembly order in the illustration:

- ① Pedal Insert
- ② Washer (For carbon crankset only)
- ③ Pedal



## Contact

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

Full Speed Ahead, USA  
12212 Cyrus Way Mukilteo, WA 98275-5702  
Tel: 1\_425\_488\_8653 Fax: 1\_425\_489\_1082

Full Speed Ahead, Europe  
Via Del Lavoro, 56 20874 Busnago, Milan, Italy  
Tel: +39\_039\_688\_5265 Fax: +39\_039\_682\_3336

TH INDUSTRIES / FSA Asia  
NO.6, Wu-gong 8th Rd., Wufeng Dist., Taichung City 41353, Taiwan (R.O.C.)  
Tel: +886\_4\_2331\_9134 Fax: +886\_4\_2331\_9314

