T47 Bottom Bracket Installation Instructions

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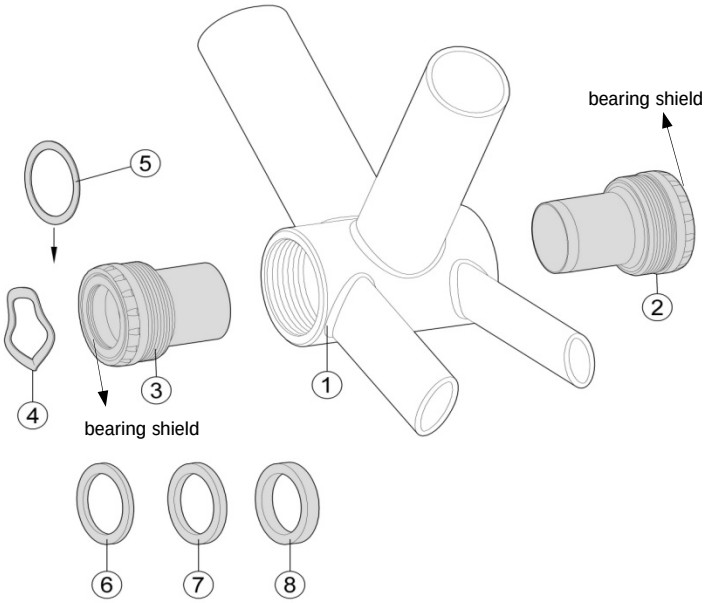

Introduction

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 FSA and Vision 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/support/warranty-policy

Components

Follow the assembly order in the illustration :

① Bottom Bracket Shell
② Bearing Cup Right x1
③ Bearing Cup Left x1
④ Wave Spring Washer x1
⑤ 0.5mm Spacer x1
⑥ 2.5mm Spacer x1
⑦ 3mm Spacer x1
⑧ 5.5mm Spacer x1

BB Installation

1. Ensure that Bottom Bracket (BB) shell ① is clean and free of metal chips, dirt, and excess paint.
2. Install the R. Bearing Cup ② Tighten the cup to 408-510 kgf.cm / 40-50 Nm / 354-443 in.lbs. (Use FSA MegaEVO cup tool, part no. E0373).
3. Install the L. Bearing Cup ③ Tighten the cup to 408-510 kgf.cm / 40-50 Nm / 354-443 in.lbs.

Spacers Installation

1. Check the width of the bottom bracket shell for use spacers (see Table 1)
2. Install wave washer ④ on the left side. The 0.5mm spacer ⑤ may be used only on frames with slightly undersized BB shells.

⚠ CAUTION The wave spring washer ④ does not have to be completely compressed for proper use but does have to be in contact with both the left arm and left bearing shield. Clearance between non-drive arm and bearing shield should be 1.5 ~ 2.0 mm. Always use a calibrated torque wrench to tighten crankbolt. Stripping or breakage due to installation without a torque wrench is NOT covered under manufacturing warranty.

NOTICE Before riding the bicycle, check that there is no play or looseness in the connection. Also, be sure to retighten the crank arms and pedals at periodic intervals.

NOTICE Do not wash the bottom bracket with high-pressure jets of water.

NOTICE Spacers ⑥+⑦+⑧ for Φ29, refer to crankset manufacturer instructions.

Specification : Table 1

Model Name	Item No.	BB Shell	Axle Compatibility	Wave Washer ④	Spacer ⑤	Spacer ⑥+⑦+⑧
BB86/386 EVO T47	BB-EVO6002/T47/86.5	86.5 mm	Ø30	x1	x1	
	BB-EVO6002/T47/85.5	85.5 mm	Ø30	x1	x1	
	BB-EVO7003/T47/ASY/76.75	76.75 mm	Ø30	x1	x1	
	BB-EVO6002/T47/68	68 mm	Ø30	x1	x1	
MTB BB392 T47	BB-EVO7002/T47/68/73	73mm	Ø30	x1	x1	
MegaExo T47	BB-6002/T47/86.5/SMN	86.5 mm	Ø24	x1	x1	
	BB-6002/T47/85.5/SMN	85.5 mm	Ø24	x1	x1	
	BB-7003/T47/ASY/76.75/SMN	76.75 mm	Ø24	x1	x1	
	BB-6002/T47/68/SMN	68 mm	Ø24	x1	x1	
Ø19 T47	BB-6002/T47/86.5/Ø19	86.5 mm	Ø19	x1	x1	
	BB-6002/T47/85.5/Ø19	85.5 mm	Ø19	x1	x1	
	BB-6002/T47/68/Φ19	68 mm	Ø19	x1	x1	
	BB-7003/T47/ASY/76.75/Φ19	76.75 mm	Ø19	x1	x1	
Ø29 T47	BB-6003/T47/85.5/Φ29	85.5 mm	Ø29			x1
	BB-6003/T47/68/Φ29	68 mm	Ø29			x1

Contact

If you have questions, please visit our web site technical section: 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.