

# BB386 EVO Crankset to PF30 or BB30 Adapter Installation Instructions

Published – Jun, 2021. ZS136.v3 © Full Speed Ahead

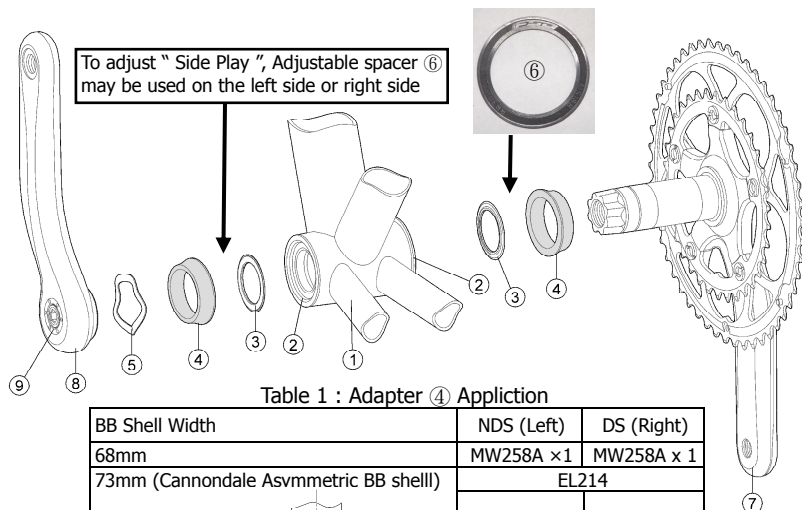


Table 1 : Adapter ④ Application

BB Shell Width	NDS (Left)	DS (Right)
68mm	MW258A x1	MW258A x 1
73mm (Cannondale Asymmetric BB shell)	EL214	
	MW420 x1 (Green)	MW258A x1 (Green)

## Adapter Installation

1. Verify the BB shell is correct width 68mm or 73mm and BB30 bearings or PF30 bottom bracket are installed correctly. Install correct adapters. (Table 1)
2. Apply a layer of grease on inside edges of both dust shields ③ and right and left bottom bracket bearing to reduce friction, as well as improve protection from water and other contaminants. Place dust cover ③ over the drive side bearing with MS223 label facing away from bottom bracket ②.
3. Refer to Table 1 for correct adapter specification. Place Adapter ④ on spindle with large OD side facing bearing as shown in illustration. Fully slide the spindle of the Right 386EVO crankset ⑦ into the bottom bracket ②.  
Note: If BB shell ① is incorrect diameter or bearings ② are not aligned properly, the spindle will not go through the bottom bracket easily or the bearing will not rotate smoothly after installation. If bearings feel tight or do not roll smoothly after spindle is installed, it may be necessary to remove and reinstall the bottom bracket to align the bearings. Follow BB installation instructions for removal and installation.
4. Place dust cover ③ over the non-drive side bearing with MS223 label facing away from bottom bracket ②. Place remaining Adapter ④ on spindle with large OD side facing bearing. Install wave spring washer ⑤ over spindle on left side of BB Shell.
5. The Self-extracting crank bolt assembly ⑨ is pre-installed from factory in the left arm. Thread self-extracting crank bolt into spindle using a torque wrench and 10 mm Allen key. Tighten crank bolt to a torque of 388-418 kgf.cm / 38-41 Nm / 336-363 in.lbs. Always use a calibrated torque wrench to tighten crankbolt. Stripping or breakage due to installing without a torque wrench is NOT covered under manufacturing warranty.  
Note: Adjustable spacer ⑥ is for adjusting side-side spindle movement in the bottom bracket. If at proper torque there is still side play and the wave spring washer is not compressed, the spacer may be used. The wave spring washer does not have to be completely compressed for proper use but does have to be in contact on both sides by the left arm and left Adapter. The Spacers are not required when the PF30 or BB30 BB shell specifications of the frame are correct.

## 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>

## Specification

Model Name / Item Number **BB386/30 adapter / MW258A**

Model Name / Item Number **BB386/30A adapter / EL214**

FSA BB386/30 Adapter is used to fit FSA 386EVO crankset models using 30 mm diameter spindle to PF30 or BB30 bottom brackets shell. For 68 mm width to use **MW258A**. To use **EL214** on 73 mm shell width (Cannondale Asymmetric BB shell). \* Note for EL214, the right (MW258A) and left (MW420) adapter are different.

## Components

Follow the assembly order in the illustration:

- |  |   |
|--|---|
| ① 68 mm PF30 or BB30 Bottom Bracket Shell  | ⑦ Right 386EVO Crank Arm x1   |
| ② PF30 or BB30 Bottom bracket (should already be installed)  | ⑧ Left 386EVO Crank Arm x1  |
| ③ MS223 Dust Cover x2 (included in crankset)   | ⑨ Self-extracting Crank Bolt Assembly (Pre-installed on Left Crank) |
| ④ MW258 OR EL214 Adapter x2—ref. table 1 for specification   |   |
| ⑤ Wave Spring Washer x1  |   |
| ⑥ MS188 Adjustable spacer x1<br>(may not be necessary for proper installation. See Note: at bottom of instructions for details). |   |

## Contact

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

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