



# BOTTOMBEAR

## BBB BOTTOM BRACKET / BB0-15

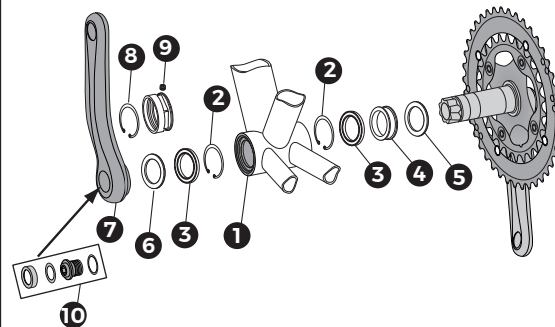
BBB CYCLING.COM  
ROOSEVELTSTRAAT 46, 2321 BM  
LEIDEN, THE NETHERLANDS

EN MANUAL / DE HANDBUCH / FR MANUEL / NL HANDLEIDING / ES MANUAL / PT MANUAL /  
IT MANUALE / HU HASZNÁLATI UTASÍTÁS / PL PODRĘCZNIK / CZ UŽIVATELSKÁ PŘÍRUČKA  
/ JP 使用説明書 / RU РУКОВОДСТВО ПОЛЬЗОВАТЕЛЯ / SK MANUÁL / NO HANDBOK

### COMPONENTS:

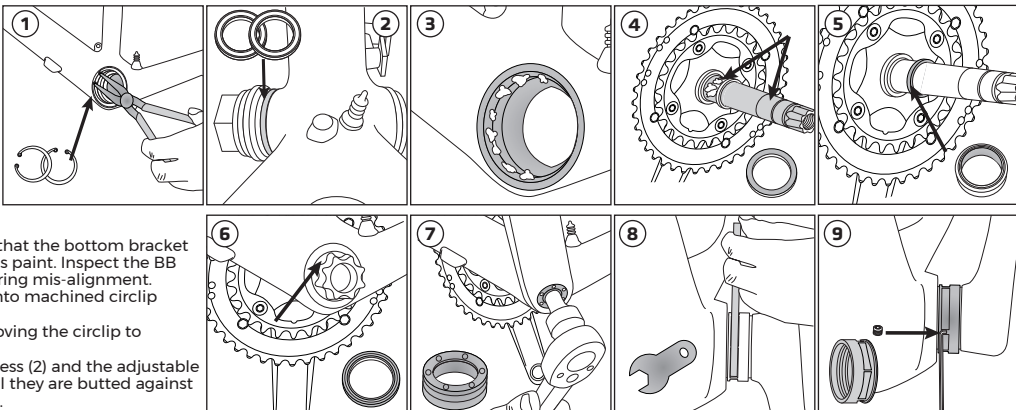
- 1 Bottom bracket shell
- 2 Circlip (x2)
- 3 BB30 bearings (x2)
- 4 Drive side bearing seal (x1)
- 5 2.5mm spacer (68mm only) (x1)
- 6 Non-drive side bearing seal (68mm only) (x1)
- 7 Left crank (x1)
- 8 Preload nut (x1)
- 9 Preload nut set screw
- 10 Self-extracting crank bolt assembly
  - 1.75mm washer (x1)
  - BB30 crank bolt (x1)
  - 3mm washer (x1)
  - M27 retaining nut (x1)

For BB Shell width 68mm all parts should be installed, for BB Shell width 73mm 5 6 should be removed.



**Tools necessary for BB30 crankset assembly:**

- (1) BB30 MTB preload adjuster wrench
- (2) BB30 bearing installation press
- (3) M1.5 Allen wrench
- (4) Open wrench
- (5) Circlip pliers
- (6) Torque wrench



### CRANKSET INSTALLATION

Before installing bearings, use a reaming tool to ensure that the bottom bracket (BB) shell is clean and free of metal chips, dirt and excess paint. Inspect the BB shell for ID ovalization or anything that could cause bearing mis-alignment.

1. Use circlip pliers (5), collapse the circlip (2) and insert into machined circlip groove in each side of the BB shell.  
CAUTION: Wear eye protection while installing or removing the circlip to prevent injury.
2. Install bearings using the BB30 bearing installation press (2) and the adjustable wrench (4). Press the bearings (3) into the BB shell until they are butted against the circlip. Note: Right and Left bearings are the same.
3. Apply a layer of grease on the outer edge of the bearing (3) to reduce friction between the bearing and the bearing shield, as well as improve protection from water and other contaminants.
4. Apply grease to the machined surfaces of the spindle that will contact the bearings after crank installation (as shown in the illustration). Insert the 2.5mm spacer (5) onto the right crank spindle (2.5mm spacer is for 68mm BB shell only).
5. Position the drive side bearing seal (4) over the right bearings with the machined grooves facing inward, toward the bearings.
6. Completely insert the right crank arm and spindle through the right and left BB30 bearings. Position the non-drive side bearing seal (6) over the left bearings with the machined grooves facing inward, toward the bearings (the non-drive side bearing seal is for 68mm BB shell only).
7. The self-extracting crank bolt assembly (10) and preload nut (8) are pre-installed from factory. Install the left crank (7) by precisely engaging the spindle hole of the crank to the spindle. Thread the self-extracting crank bolt into the spindle using a torque wrench (6). Ask your frame manufacturer for the appropriate torque. Always use a calibrated torque wrench to tighten the crank bolt. Stripping or breakage due to installing without a torque wrench is NOT covered under manufacturing warranty.
8. Adjust the preload nut (8) with the preload adjuster (1). Wrench turn counterclockwise to remove any play between the crankset and BB assembly. Ask your frame manufacturer for the appropriate torque.
9. Tighten the preload nut set screw (9) with the 1.5mm Allen wrench (3) to secure preload nut. Ask your frame manufacturer for the appropriate torque.

FIND YOUR TRANSLATION  
ON BBBCYCLING.COM



### WARNING

Sold only by professional bicycle dealers.  
For proper installation, ask your BBB dealer.  
Not following the instructions in this manual may cause damage to the product not covered under warranty, damage to the bicycle, or cause an accident resulting in injury or death.