SERVICE INSTRUCTION

Shimano 105 Front Chainwheel





- FC-1050/FC-1051
 Front chainwheel
- BB-1050
 Bottom bracket assembly

Before use, read these instructions carefully, and follow them for correct use

■ Specifications

 Weight: FC-1050/FC-1051... 690g (R-L crank length 170mm, 52T ×42T)

BB-1050...324g (spindle length 113mm)

Material: Light alloy, steel
Bolt circle diameter: 130mm
Applicable chain: 1/2" × 3/32"

Gear teeth:

Biopace gear (CR-BP20) ... 52T, 53T on large gear; 42T on small gear

Crank length: 162.5, 165, 167.5, 170, 172.5, 175mm

◆ Pedal thread: B.C. 9/16"×20 T.P.I. (English)

Bottom bracket cup thread: 1.37"×24T (English)
 35×1.0 (French)
 36×24T (Italian)

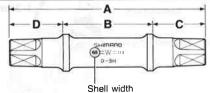
Chain line: 43.5mm

Bottom bracket spindle length:

D-3H ... 113mm (shell width 68mm) D-5H ... 115mm (shell width 70mm)

Crank back to outer gear gap: 9mm

Bottom bracket spindle width



/	Shell width	A	В	С	D
D-3H	68	113	52	30.5	30.5
D-5H	70	115	54	30.5	30.5

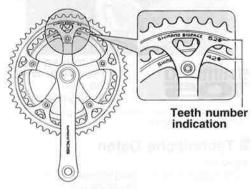
(Unit: mm)

Biopace Chainring Assembly

Note: If the chainrings are attached in the wrong positions, greatly reduced efficiency will result, with poor gear-changing performance.

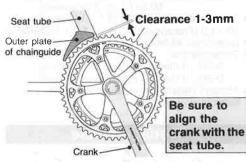
Be sure that they are installed correctly.

Install the chainring with the teeth number indication to the outside and to the top as shown below.



Note: When using the biopace chainring, be sure to check the capacity of the front derailleur and the setting position.

- Use the front derailleur with a capacity (teeth number difference between the large gear and small gear) plus 4 teeth or more.
- Adjust the installation position of the front derailleur so that the clearance between the outer plate of the chainguide and the large gear is 1 to 3mm while the crank is in a direct line with the seat tube.



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Please note: Specifications are subject to change for improvement without notice.