

SERVICE INSTRUCTION

New DURA-ACE Front chainwheel

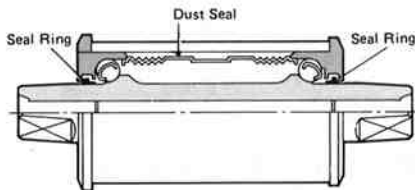


NEW
DURA-ACE

FC-7400 Front Chainwheel
BB-7400 Bottom Bracket Assembly

Features

- Improved crank arm rigidity reduces flex when power is applied while riding.
- Sealed mechanisms in right and left hand fixed cups prevent entry of dust and water to improve durability of the bottom bracket.



Note

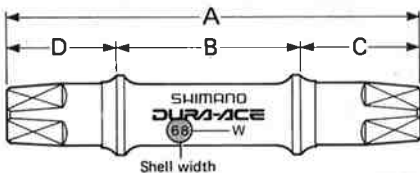
- Parts of the BB-7400 bottom bracket; spindle and cups are not interchangeable with DURA-ACE EX and AX parts. However, the FC-7400 crank arm can be assembled with the complete DURA-ACE bottom bracket; spindles (68-112, 70-113) and cups.

- The chainring interchangeable with all DURA-ACE chainrings.

Specifications

Weight	FC-7400: 637g (Crank length 170mm with 52T x 42T)
	BB-7400: 314g (Spindle length 112mm)
Materials	Light alloy / Steel
Gear pitch radius	130mm
Applicable chain	1/2" x 3/32"
Number of gear teeth	Inner gear: 39T~45T
	Outer gear: 48T~53T
Crank length	165mm/167.5mm/170mm/172.5mm/175mm
	B.C.9/16" x 20T.P.I. (English thread)
Pedal thread	M14 x P1.25 (French thread)
	1.37" x 24T (English thread)
Bottom bracket cup thread	35 x 1.0 (French thread)
	36 x 24T (Italian thread)
Chain line	43.5mm
Bottom bracket spindle length	112mm (Shell width 68mm)
	113mm (Shell width 70mm)
Crank back to outer gear gap	7.8mm

DURA-ACE bottom bracket spindle dimensions



	BB-7400 New DURA-ACE		BB-7200 DURA-ACE		BB-7500 DURA-ACE AX	
Shell width	68	70	68	70	68	70
A	112	113	112	113	107	109
B	50	52	56	58	56	58
C	32.5	31.5	29.5	28.5	25.5	25.5
D	29.5	29.5	26.5	26.5	25.5	25.5

(UNIT: mm)

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