

FC-5500
FC-5503
BB-5500

Front
Chainwheel

Bottom Bracket

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

Product specifications

Front Chainwheel

Model number	FC-5500	FC-5503
SG chainwheel teeth*	A-53 / 42T, B-53 / 39T, B-52 / 39T, B50 / 39T	52 / 42 / 30T
Bolt circle diameter	130 mm	130 / 74 mm
Crank length	165, 167.5, 170, 172.5, 175 mm	165, 170, 175 mm
Pedal threads	B.C. 9/16" x 20T.P.I. (English thread)	
Applicable chain	CN-HG72 / CN-HG92 / CN-7700	
Applicable bottom bracket	BB-5500	

Bottom Bracket

Model number	BB-5500	
Type	double	Triple
Spindle length	109.5 mm	118.5 mm
Chain line	43.5 mm	45 mm
Thread dimensions	68 mm (1.37 X 24 T.P.I.) 70 mm (M36 X 24 T.P.I.)	68 mm (1.37 X 24 T.P.I.) 70 mm (M36 X 24 T.P.I.)

Note

- Be sure to use only the FC-5500 / 5503 chainrings. If any other type of chainrings are used, the distance between the chainrings will be incorrect and the chain might slip off and get caught in between them.
- If the smaller chainring has 39 teeth, use B-53, B-52 or B-50 as the larger chainring. If the smaller chainring has 42 teeth, use A-53 as the larger chainring.
- Be sure to use only the applicable chain and bottom bracket mentioned above.
- For any questions regarding methods of handling or maintenance, please contact the place of purchase.

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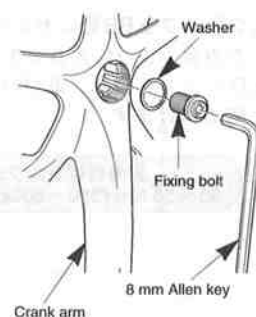


Please note: specifications are subject to change for improvement without notice. (English)
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Installation of the front chainwheel

1. Place the crank arm onto the bottom bracket spindle so that it meshes with the serrations on the spindle.
2. Install the washer and fixing bolt and tighten the fixing bolt.

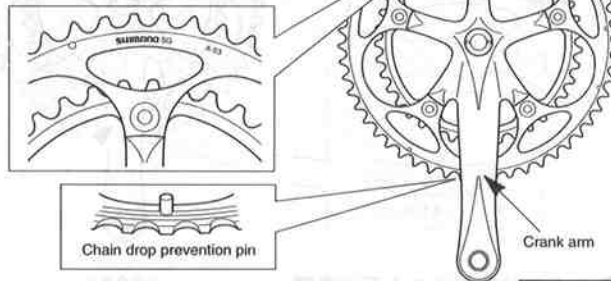
Tightening torque:
35 - 50 Nm (305 - 435 in. lbs.)



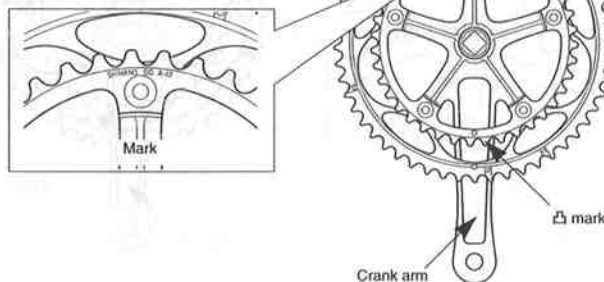
Installation of the chainrings

Smooth shifting will not be possible if the chainrings are incorrectly installed, so be sure to install the chainrings in the correct positions.

With the marked surface of the larger chainring facing out, set the larger chainring so that the chain drop prevention pin is lined up with the crank arm position.

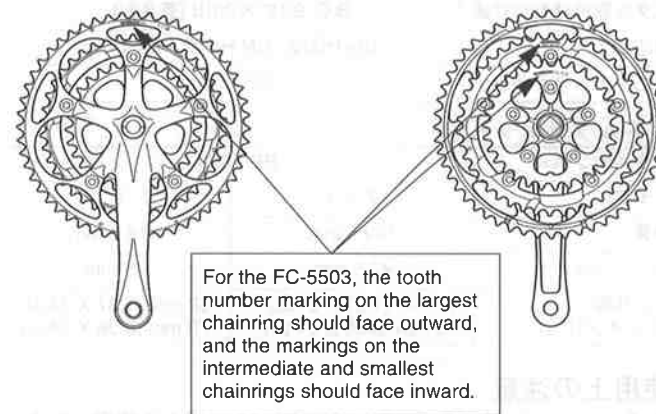
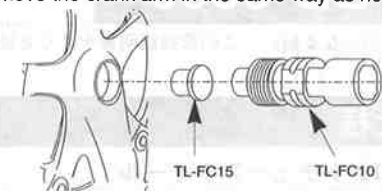


With the marked surface of the smaller chainring facing away from the crank arm, set the chainring so that the □ mark is lined up with the crank arm position.



Replacing the FC-5500/FC-5503 front chainwheel

- Use the special plug tool (TL-FC15) to remove the FC-5500/FC-5503 crank arm.
1. Turn the crank arm fixing bolt counterclockwise to remove the screw.
 2. Insert the TL-FC15 into the hole of the bottom bracket axle.
 3. Then, screw the cotterless crank arm extractor (TL-FC10) into the crank arm, and then remove the crank arm in the same way as normal.

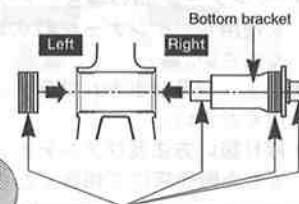


For the FC-5503, the tooth number marking on the largest chainring should face outward, and the markings on the intermediate and smallest chainrings should face inward.

Installation of the Bottom Bracket

1. Use the special tool (TL-UN74-S) to install the bottom bracket. First install the main body, then the adapter.

Adapter/bottom bracket tightening torque:
50 - 70 Nm (435 - 608 in. lbs.)



Apply grease to the bottom bracket before installing it.