

## General Safety Information

### WARNING

- Be careful not to let the cuffs of your clothes get caught in the chain while riding, otherwise you may fall off the bicycle.
- Check that the tension of the chain is correct and that the chain is not damaged. If the tension is too weak or the chain is damaged, the chain should be replaced. If this is not done, the chain may break cause serious injury.
- Check that there are no cracks in the crank arms before riding the bicycle. If there are any cracks, the crank arm may break and you may fall off the bicycle.
- Obtain and read the service instructions carefully prior to installing the parts. Loose, worn or damaged parts may cause the bicycle to fall over and serious injury may occur as a result. We strongly recommend only using genuine Shimano replacement parts.
- Read these Technical Service Instructions carefully, and keep them in a safe place for later reference.

### Note

- Before riding the bicycle, check that there is no play or looseness in the connection. Also, be sure to retighten the crank arms and pedals at periodic intervals.
- If you feel any looseness in the bottom bracket axle, the bottom bracket should be replaced.
- In addition, if pedaling performance does not feel normal, check this once more.
- Do not wash the bottom bracket with high-pressure jets of water.
- Apply grease to the bottom bracket before installing it.
- To ensure the best performance, be sure to use only the specified type of chain.
- If the chain keeps coming off the chainrings during use, replace the front chainwheel and the chain.
- You should periodically wash the chainrings in a neutral detergent and then lubricate them again. In addition, cleaning the chain with neutral detergent and lubricating it can be an effective way of extending the useful life of the chainrings and the chain.
- Parts are not guaranteed against natural wear or deterioration resulting from normal use.
- For maximum performance we highly recommend Shimano lubricants and maintenance products.
- For any questions regarding methods of installation, adjustment, maintenance or operation, please contact a professional bicycle dealer.

## Technical Service Instructions

SI-1KR0A-001

# FC-NX75



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## Specifications

### Front chainwheel

Model number	FC-NX75
Front chainwheel tooth combination	33T / 38T
Crank arm length	170 mm
Pedal thread dimensions	B.C. 9/16" x 20T.P.I. (English thread)
Applicable chain	CN-NX10 / CN-HG50

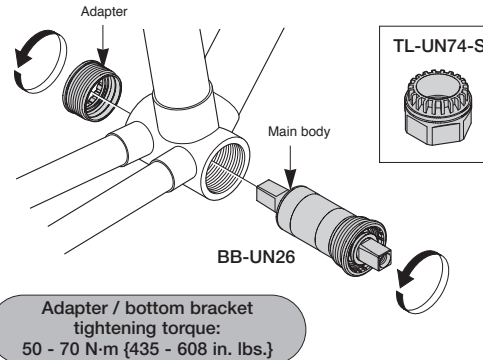
### Bottom Bracket

Model number	BB-UN26-K
Spindle length	117 mm
Chain line	44 mm $\pm$ 1 + t mm *
Shell width (Thread dimensions)	68 mm (1.37 x 24 T.P.I.)

\* t : Chain case thickness

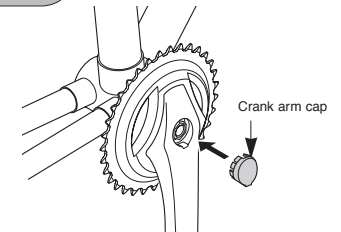
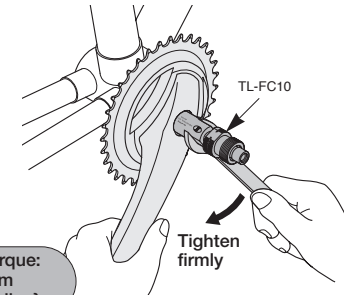
## Installation of the Bottom Bracket

Use the special tool (TL-UN74-S) when installing.  
First install the main unit, and then install the adapter

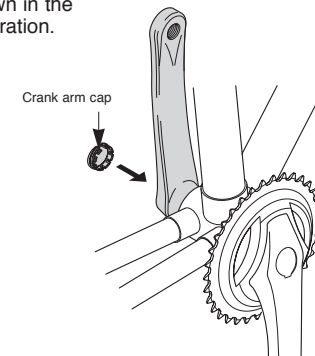


## Installation of the front chainwheel

1. Use the special tool (TL-FC10/TL-FC11) to tighten the crank arm fixing bolt in order to install the right-side crank arm. After this, install the crank arm cap as shown in the illustration.



2. Use the special tool (TL-FC10/TL-FC11) to install the left-side crank arm in the same way as the right-side crank arm. After this, install the crank arm cap as shown in the illustration.



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