

General Safety Information

⚠ WARNING

- If the inner cover is not installed correctly, the axle may rust and become damaged, and the bicycle may fall over and serious injury may occur as a result.
- **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.
- **Obtain and read the service instructions carefully prior to installing the parts.** If adjustments are not carried out correctly, the chain may come off and this may cause you to fall off the bicycle which could result in serious injury.
- Read these Technical Service Instructions carefully, and keep them in a safe place for later reference.

Note

- If the bottom bracket shell is not parallel, gear shifting performance will drop.
- 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 bearings, 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.
- When installing the left and right adapters, be sure to install the inner cover too, otherwise the waterproofing performance will drop.
- Apply grease to the left and right adapters before installing them.
- 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.

SHIMANO

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Please note: specifications are subject to change for improvement without notice. (English)
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SM-BB7900 SM-FC7801 / SM-FC7800



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Specifications

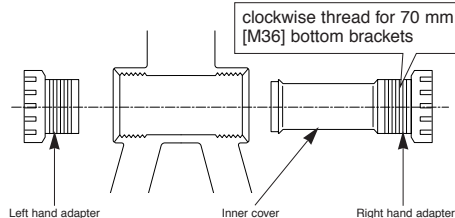
Bottom Bracket

| | | |
|-----------------------------|---------------------------------------|-----------------|
| Model number | SM-BB7900, SM-FC7801 / FC7800 | |
| Applicable front chainwheel | FC-7900 / 7950 / 7803 / 7800 / 7800-C | |
| Bottom bracket shell width | 68 mm | 70 mm |
| Thread dimensions | 1.37 X 24 T.P.I. | M36 X 24 T.P.I. |

Installation of the adapter

Use the TL-FC32/36 special tool to install the right adapter (counterclockwise thread), the inner cover and the left adapter (clockwise thread).

Tightening torque: 35 - 50 N·m {305 - 435 in. lbs.}



- Be sure to read the service instructions for the front chainwheel in conjunction with these service instructions.