

General Safety Information

⚠ WARNING

- Check that the wheels are fastened securely before riding the bicycle. If the wheels are loose in any way, they may come off the bicycle and serious injury may result.
- The HB-T708 / SM-AX60 can be used in combination with a special front fork. If it is used in combination with any other front fork, it may cause the wheel to become detached from the bicycle while you are riding and result in serious bodily injury.
- **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.
- Be sure to carefully read the Service Instructions for the disc brakes and the SM-AX60 also.

Note

- If the wheel becomes stiff and difficult to turn, you should lubricate it with grease.
- Do not apply any oil to the inside of the hub, otherwise the grease will come out.
- Parts are not guaranteed against natural wear or deterioration resulting from normal use.
- For maximum performance we highly recommend Shimano lubricants and maintenance products.

Technical Service Instructions

SI-2TX0A-001

HB-T708

Front hub

In order to realize the best performance, we recommend that the following combination be used.

Caliper	BR-T665
Brake Lever	BL-T665
Rotor	SM-RT64
E-Thru 8 mm	SM-AX60

Specifications

Front hub

Model No.	HB-T708
No. of spoke holes	32 / 36

SHIMANO

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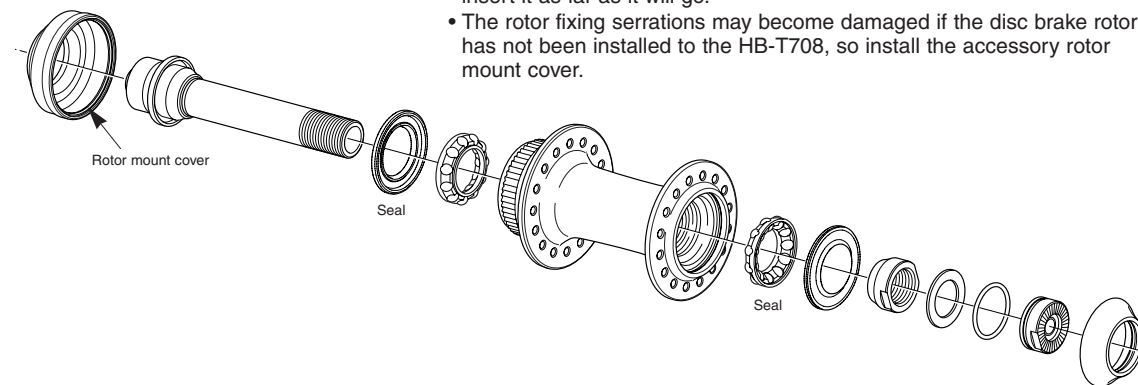
* Service Instructions in further languages are available at : <http://techdocs.shimano.com>

Please note: specifications are subject to change for improvement without notice. (English) © May 2009 by Shimano Inc. XBC IZM Printed in Malaysia.

Maintenance

The unit can be disassembled as shown in the illustration.

Apply grease to the various parts at periodic intervals.

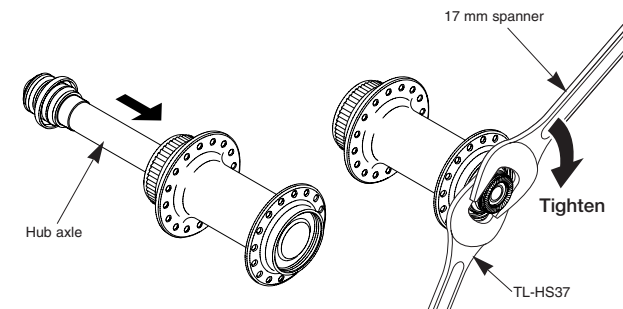


Note:

- The HB-T708 cannot be disassembled from the left side of the hub unit (the rotor fixing serration side).
- When removing and installing the seal, do it very carefully so that the seal does not become bent. When reinstalling the seal, make sure that it is facing the right way, and insert it as far as it will go.
- The rotor fixing serrations may become damaged if the disc brake rotor has not been installed to the HB-T708, so install the accessory rotor mount cover.

<Assembly>

Use the special tool (TL-HS37 / 17mm) for installing the hub axle to tighten the lock nut so as to double-lock the mechanism as shown in the illustration.



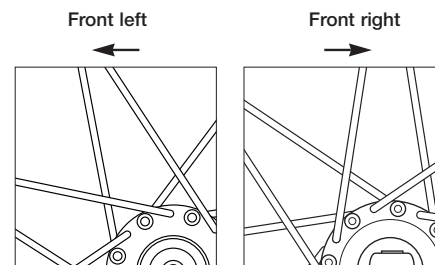
Tightening torque:
15 - 17 N·m {132 - 146 in. lbs.}

Wheel spoke lacing

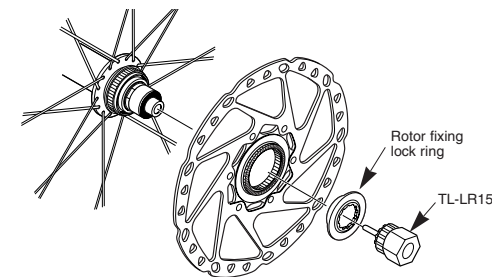
Check that the spokes have been laced as shown in the illustration.

A radial assembly cannot be used.

Rotating direction of wheel



Installation of the rotor



Tightening torque:
40 - 50 N·m {350 - 435 in. lbs.}