

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.
- Obtain and read the service instructions carefully prior to installing the parts. Loose, worn, or damaged parts may cause injury to the rider. 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

- If the wheel becomes stiff and difficult to turn, you should lubricate it with grease.
- Do not apply any lubricant 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-26F0A

HB-MX70

Front hub

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

Series	DXR
Brake Lever	BL-MX70
Freehub	FH-MX70
Front hub	HB-MX70
Gears	1
Cassette sprocket	CS-MX66

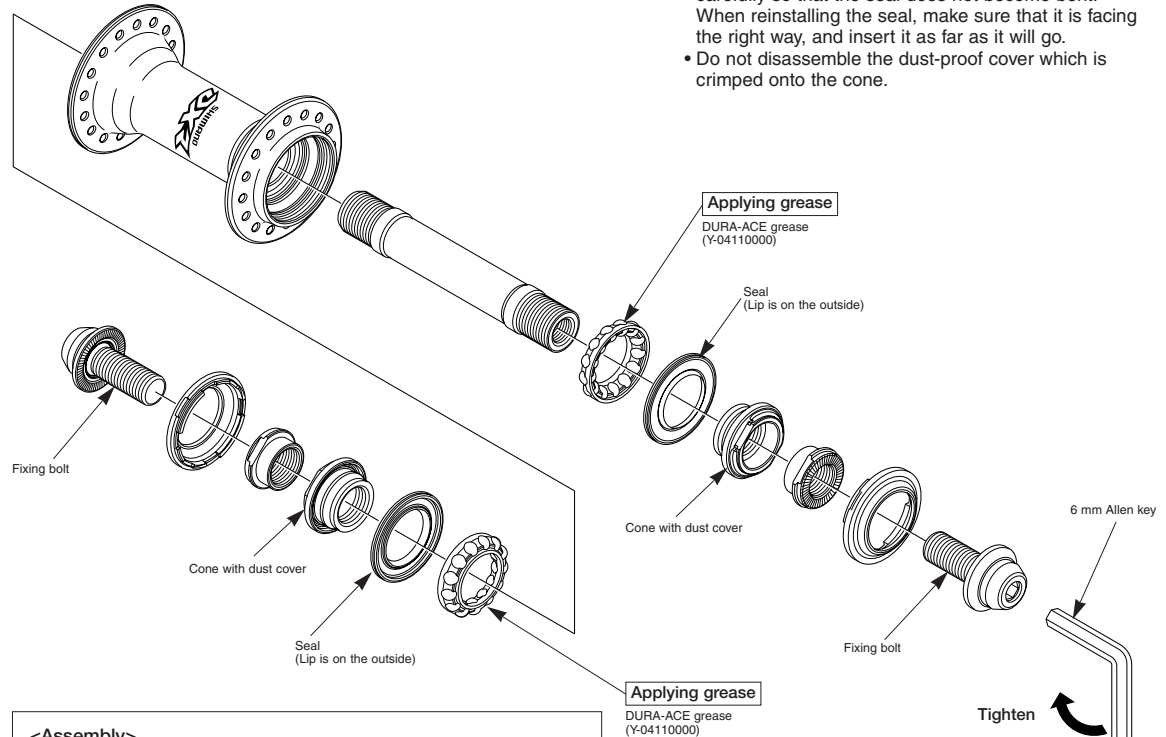
Specifications

Front hub

Model No.	HB-MX70
No. of spoke holes	32 H / 36 H
Applicable front fork end thickness	4 - 7 mm
Applicable front fork end dimensions	10 mm
Overlock nut dimensions	100 mm

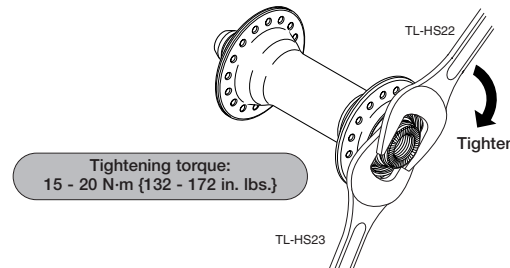
Maintenance

The unit can be disassembled as shown in the illustration. Apply grease to the various parts at periodic intervals.



<Assembly>

Use the TL-HS23 (18 mm) and TL-HS22 (17 mm) special tools to tighten the lock nut in order to double-lock the assembly.



Fixing bolt tightening torque:
23 - 28 N·m {200 - 244 in. lbs.}

Note:

- 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.
- Do not disassemble the dust-proof cover which is crimped onto the cone.

SHIMANO

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