

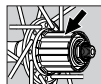
## General Safety Information

### ⚠ 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 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

- Do not use the CS-6700 in any combination other than with the CN-7900/CN-7801/CN-6700/CN-6600/CN-5600. Other chains cannot be used as the sizes do not match.
- An 11T and a 12T lock ring are available for use with the CS-6700. Use whichever lock ring matches the sprocket configuration.
- You should periodically wash the sprockets in a neutral detergent and then lubricate them again. In addition, cleaning the chain with neutral detergent and lubricating it can be a effective way of extending the useful life of the sprockets and the chain.
- If the chain keeps coming off the sprockets during use, replace the sprockets 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.



If using with a special 10-speed freewheel, a spacer is not required.

## Technical Service Instructions

SI-1YX0A-001

# CS-6700

## Cassette sprocket



00

# SHIMANO

SHIMANO AMERICAN CORPORATION

One Holland, Irvine, California 92618, U.S.A. Phone: +1-949-951-5003

SHIMANO EUROPE B.V.

Industrieweg 24, 8071 CT Nunspeet, The Netherlands Phone: +31-341-272222

SHIMANO INC.

3-77 Oimatsu-cho, Sakai-ku, Sakai-shi, Osaka 590-8577, Japan

Please note: specifications are subject to change for improvement without notice. (English)

© Mar. 2009 by Shimano Inc. XBC SZK Printed in Japan.

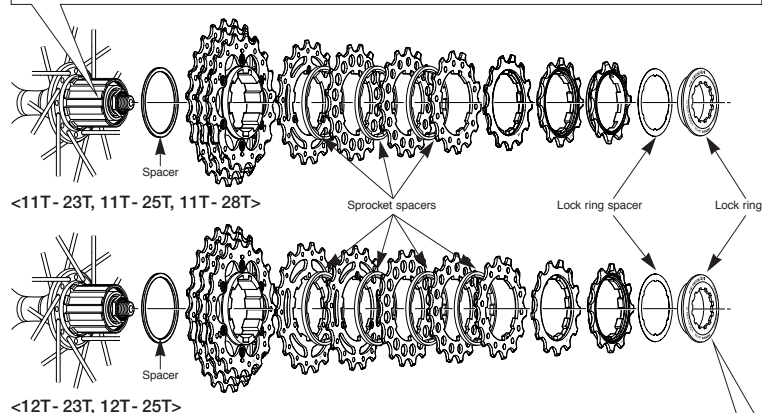
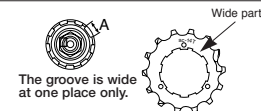
## Cassette sprocket tooth combination

Sprocket tooth configuration	11T - 23T	11T, 12T, 13T, 14T, 15T, 16T, 17T, 19T, 21T, 23T
	12T - 23T	12T, 13T, 14T, 15T, 16T, 17T, 18T, 19T, 21T, 23T
	12T - 25T	12T, 13T, 14T, 15T, 16T, 17T, 19T, 21T, 23T, 25T
	11T - 25T	11T, 12T, 13T, 14T, 15T, 17T, 19T, 21T, 23T, 25T
	11T - 28T	11T, 12T, 13T, 14T, 15T, 17T, 19T, 21T, 24T, 28T

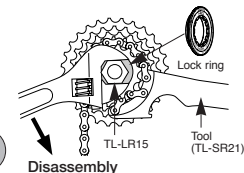
Sprockets marked by are secured.

## Installation of the HG sprockets

For each sprocket, the surface that has the group mark should face outward and be positioned so that the wide parts of the gear projections on each sprocket and the A part (where the groove width is wide) of the freewheel body are aligned.



- For installation of the HG sprockets, use the special tool (TL-LR15) to tighten the lock ring.
- To replace the HG sprockets, use the special tool (TL-LR15) and TL-SR21 to remove the lock ring.



**Tightening torque:**  
30 - 50 N·m [261 - 434 in. lbs.]

Disassembly