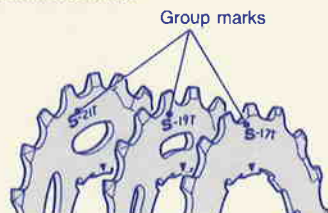


## FH-7403 Freehub

For proper and safe performance, read and follow these instructions carefully.

### ■ Notes

- Always be sure to use the HG (Hyper Glide) sprocket set bearing the same group marking. Never use in combination with a sprocket bearing a different group marking.



- The FH-7403 freehub for the HG sprockets can also be used with the former CS-7400-8 UG sprockets, but never use the HG sprockets and UG sprockets in combination. If the CS-7400-8 UG sprockets are used, use CS-6400 (7S) or CS-1000 (7S) for the top gear.
- Use a frame with overlock nut dimension 130mm.
- Use the RD-7402 rear derailleur.
- Use a hyper glide compatible narrow type UG chain.

### ■ HG sprocket teeth configurations

S group ... 12-13-14-15-16-17-19-21T  
T group ... 13-14-15-16-17-19-21-23T  
U group ... 12-13-14-15-17-19-21-23T

**Note:** The top gear and second gear in each group are the built in spacer type of gear.

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

**SHIMANO AMERICAN CORPORATION**

One Shimano Drive, P.O. Box 19615, Irvine, California U.S.A. 92718 Tel. (714) 951-5003

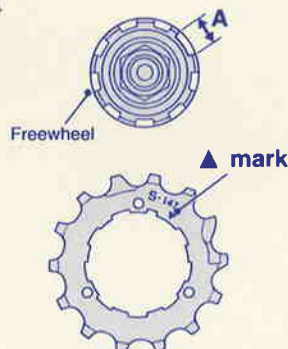
**SHIMANO (EUROPA) GmbH.**

Kleinbühlens 1-3 40110 Hilden, West Germany Tel. 02103-5005-0

## Installation of the HG sprocket

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

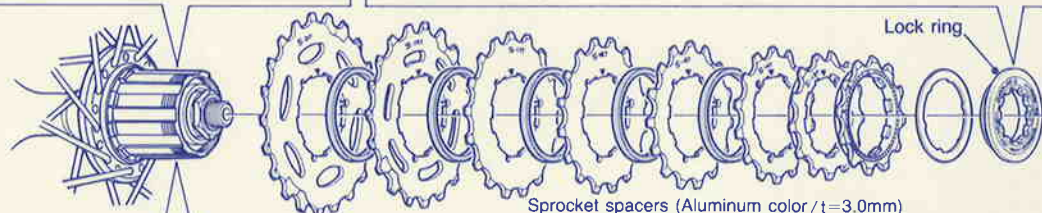
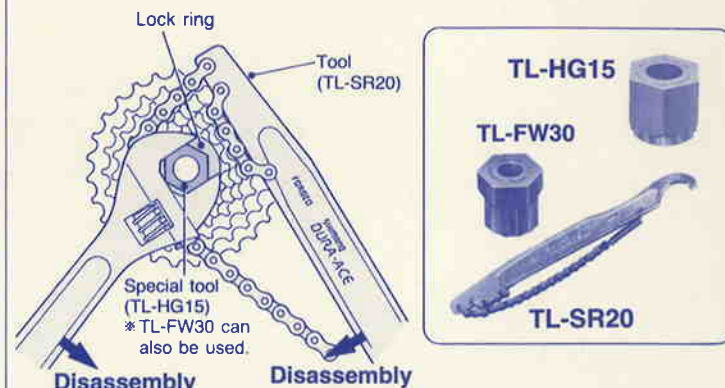
The groove width is wide at one place only.



- For installation of the HG sprocket, use the special tool (TL-HG15) to tighten the lock ring.

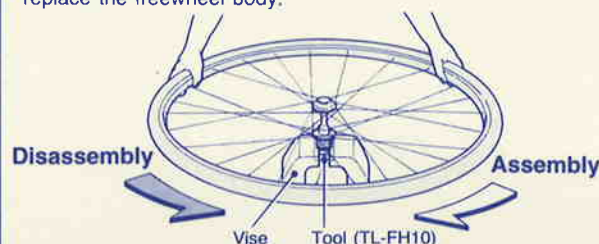
**Tightening torque: 300~500kgfcm (260~430in.lbs.)**

- To replace the HG sprocket, use the special tool (TL-HG15) and TL-SR20 to remove the lock ring.



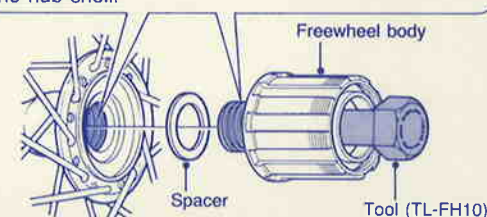
### Replacement of the freewheel body

After removing the hub axle, set the freewheel body to the TL-FH10 tool (which has been secured in a vise), and then replace the freewheel body.



### Threaded parts: no oil or grease

Be sure that no grease or oil contacts the threaded part of the freewheel body or the threaded hole of the hub shell.



**SHIMANO (SINGAPORE) PTE. LTD.**

No.20, Benor Sector, Jurong Town, Singapore 2262 Tel. 2654777

**SHIMANO INDUSTRIAL CO.,LTD.**

3-77 Oimatsucho, Sakai, Osaka, Japan Tel. (0722) 23-3243

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