

HG-IG-Check

Wear Indicator for HG-IG sprockets

Check it out!

A check up with the **ROHLOFF HG-IG-Check** informs you quickly and efficiently about the condition of your Shimano Hyperglide/Intergrlide sprockets.

This check up should be done before longer trips and especially before road and MTB races, avoiding a surprising chain slip.

The check is also important before replacing the chain, because a new chain will slip on worn sprockets. In this case the sprockets should be replaced as well.

Instructions for use

The enclosed handle (6) should be fixed at the drilled hole at the end of the grip (3) in the direction of the side with the logo (*pic. I*).

Place the **ROHLOFF HG-IG-Check** on each sprocket of the HG/IG Shimano cassette block that you want to check.

Sprockets with tooth numbers between 12 and 21 should be measured as follows: place the last link of the measurement chain (2) on the sprocket with the test roller (5) inclining slightly outwards and press it against the measurement chain (*pic. I*). With the other hand press the handle powerfully (approx. 10 kg /22 lb) in drive direction and swing the test roller (5) in the tooth pocket while the measurement chain (1) is under load (*pic. II*).

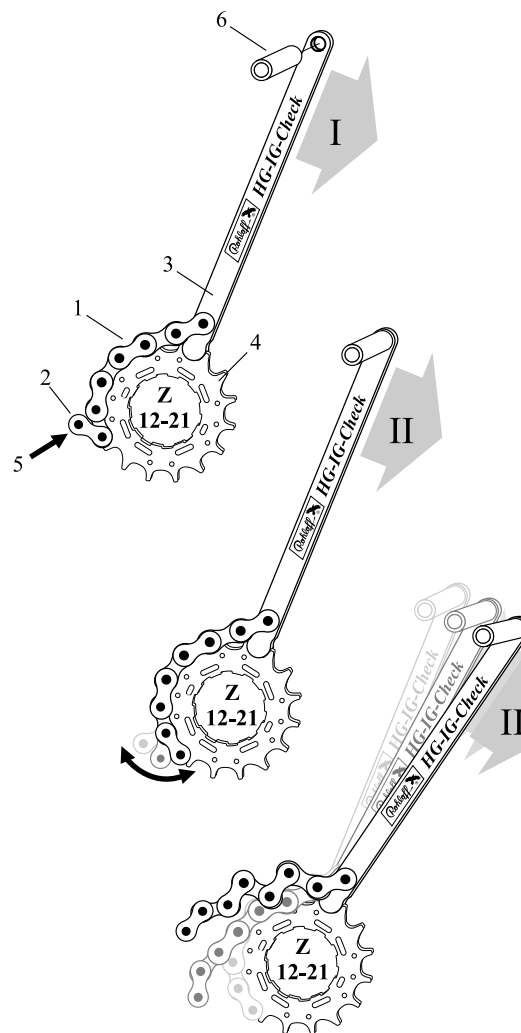
If the test roller (5) moves freely in the tooth pocket, your HG/IG sprocket is still working well. Even with a new chain it will run perfectly.

If the test roller (5) is clutching on the tip of a tooth or if you need to use some force to move it into the tooth pocket, the sprocket should be replaced. If the measurement chain (1) slides from the sprocket profile while the handle (6) is under pressure (*pic. III*), the amount of wear is excessive.

Sprockets with more than 21 teeth are rarely worn out, so they should not cause any problems while in use. Therefore, a check up is normally not necessary. Nevertheless, you can check whether the measurement chain (1) slips of the tooth profile while putting pressure on the grip (6) (*pic. III*).

If it stays in the profile, the sprocket is still okay. If it slips, problems can be expected under heavy load.

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