

Maintenance

1. Lubrication



When assembling, we lube the **speed-drive** with a basic quantity of MoS2-grease, which is good for at least 2'000 - 3'000 miles.

Indeed, if you are interested in the highest possible efficiency, you can lube the **speed-drive** yourself from time to time.

Lubes:

- best for long time effect: MoS2-grease (available as accessory: single syringes of 5ml or sets of 5 or 10 units)

- simple and very effectiv: some drops of bicycle oil

- Superior Friction Reduction spray, based on teflon, for very low temperatures (-> accessories). Best to use it together with the MoS2-grease.



Please take into account:

The **speed-drive** - sealing has very low pressure to avoid friction losses. Therefore, it is not designed to keep an oil bath within the gear housing.

Excessiv lubrication may result in a loss of oil. This is no functional problem, but please take care, if you transport your bike within your car.

2. Adjusting the gearing play



After several thousand miles, please check for bearing play. The chainring must not have any play along the spindle axis. If there is any play, slightly tighten the self-locking nut on the left end of the axle. Never tighten the nut too firmly. Some play between the cranks and chainring in the direction of crank rotation is normal and necessary for proper engagement of the gears after switching.

Please do not touch this nut, if you don't have mechanical skills and know about the importance of proper adjustment! Tightening the nut too much can result in a damage of bearings and other parts.

3. Disassembly



If ever required, each **speed-drive** can easily be disassembled without any special tools.

Although there are only few parts inside the gear housing, you shouldn't make anything on it, if you are not familiar with bicycle technique and have no technical skills.

Please consider, that the 5-years warranty expires due to improper operations on the **speed-drive**.

Please download our manual with detailed disassembly and assembly instructions before opening the **speed-drive** housing (-> speed-drive manual english, pdf-file)