**PearTune MSO 4.0**

The best version of the popular PearTune module so far, now with many interesting additional functions. The PearTune MSO is a proven tuning tool to completely remove the 25 km/h speed limit of e-bike motors - consequently "MSO" stands for "Max Speed Off". All this with correct km/h indication in the display. But the new PearTune 4.0 can do much more: For the first time, there is the option to set the maximum speed individually using the + and - buttons on the display. A real unique selling point of this tuning tool is the "chip lock" function. With this feature, the module can be made virtually invisible, so that no one can recognize that a tuning tool has been installed (i.e., e-bike & display work normally, the tuning can no longer be simply switched on for a certain time).

The PearTune MSO 4.0 is a module that has to be connected to the engine (between engine and display and between engine and magnetic speed sensor). For a particularly easy installation, the module is equipped with original connectors ("Plug & Play").

This tuning tool is not only compatible with the new Bosch 2020/2021 Gen4 drives (with anti-tuning software) and with all most older Bosch e-bike motors, but also with YAMAHA, BROSE, SPECIALIZED 2.1/2.2, SPECIALIZED 1.1 SL, FLYON, SACHS and OLI motor systems!!!

**PearTune MSO 4.0 – Features at a glance**

- **Complete removal of the speed limit.**

- **Maximum speed individually adjustable:** For the first time, the level of maximum engine support can be set individually with the + and - buttons, in 1 km/h steps.

- **Correct speed indication in the display**, even with active tuning.

- **Chip lock** ("Lock the Chip" function): A feature that makes the tuning module virtually invisible. If the chip lock is activated by using the + and - buttons at the control element, the tuning chip is locked on the software side so that no one can recognize that a tuning tool has been installed on the e-bike. This means that the e-bike and display will function normally, and the tuning can no longer be switched on. The chip lock can only be deactivated later, and again with a specific + and - key combination.

- **Activation code individually adjustable:** The tuning can be switched on and off via the control buttons of the e-bike (WALK button, + & - buttons, light button). With PearTune 4.0, you now even have the option of setting an individual activation code. When switching on and off, the display briefly shows whether the tuning was actually activated or deactivated for confirmation.

- **No generation of error codes.**

- **Tuning status when switching on:** With the new PearTune 4.0, you can set whether the tuning should automatically be ON or OFF when the e-bike is switched on.

- **Chip reset:** If you want to replace the speed sensor or use the tuning chip on another e-bike, you can reset the chip. During the reset, you can restore the factory settings or alternatively keep the chip settings.

- **Addition of the correct kilometres driven:** When tuning is activated, the actual distance driven is no longer displayed while driving. Now you can set how the missing kilometers should be recalculated or supplemented - for example, only when stopping or as a supplement while driving and stopping, etc.

- **No separate battery required** (power supply via the display plug).

- **Plug & Play:** The module was equipped with original connectors for easy installation.

- **Small & light:** The module is very small and can therefore be easily installed. The weight is just 12g.