

VOLspeed Ebike Tuning

for Bosch Active- und
Performance-Line V4

Operating Instructions COBI.Bike Smartphone Hub



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1 General information

- ▶ These operating instructions only apply when using the following displays:
 - COBI.Bike
 - Smartphone Hub
- ▶ The following chapters of the original operating instructions are replaced for the specified displays:
 - 4 - Functional description
 - 7 - Speed Mode
 - 8 - Activation code
 - 9 - Individual assistance modes

IMPORTANT Observe operating instructions

These instructions only replace individual chapters of the original operating instructions. Please read all other chapters carefully before you start installing the tuning module.

2 Functional description

The tuning module offers the following functions after installation in E-bike with Bosch drive system (25 km/h) with Smartphone Hub or COBI.Bike control unit:

- ▶ Adjustable speed via control panel on the e-bike up to 45km/h
- ▶ Adjustable dynamic mode with reduced "wall effect"
- ▶ Correct display of speed and distance travelled
- ▶ Correct total odometer reading after re-removal of the tuning module
- ▶ Optimized range calculation with active tuning



Setting options

All settings are made via the control buttons on the e-bike.
No smartphone or notebook is required.

Protected electronics

The electronics are cast into the housing and thus safely protected against moisture.

Safety and protective devices

Safety and protective devices of the E-bike remain untouched by the installation of the tuning module.

3 Speed Mode

When Speed mode is activated, the speed limit for the motor assistance is raised. The limit can be freely set in the range 25 to 45km/h.

When the e-bike is switched off, the speed mode is automatically switched off and must therefore be reactivated when the bike is switched on again.

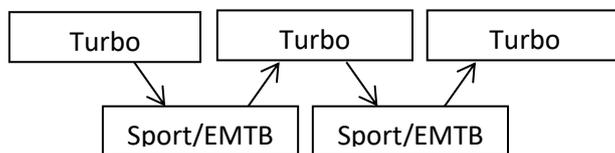


Note on displays

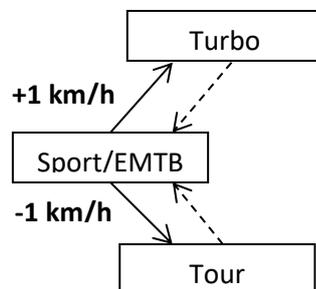
The speed limit is shown directly on the display of the smartphone hub. With COBI.Bike, the display is only shown via the COBI app.

3.1 Switch on

- Activate Turbo mode and then downshift to Sport/EMTB mode twice in quick succession.



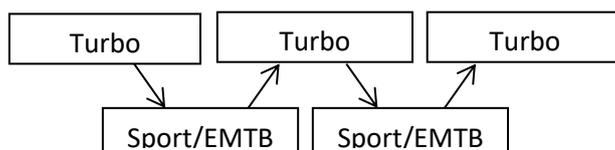
- Speed limit is displayed for 5 seconds. If desired, adjust the limit by switching the assistance level as shown in the figure. Possible values: 25..45km/h. Default value: 32km/h. The set value is saved.



- The display shows the normal speed again. The speed mode is active.

3.2 Switch off

- Activate Turbo mode and then downshift to Sport/EMTB mode twice in quick succession.



- Display shows 25.0km/h for 2 seconds. Speed mode is off.

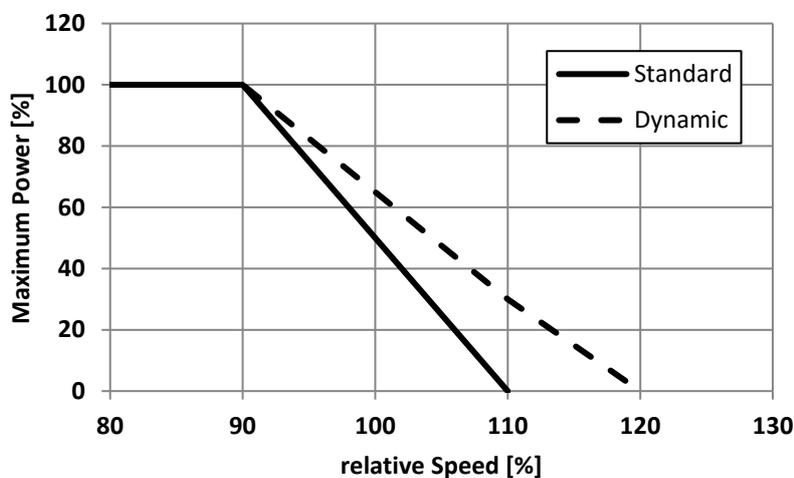
4 Activation code

The use of an individual activation code is generally not possible with COBI.Bike and Smartphone Hub.

5 Individual assistance modes

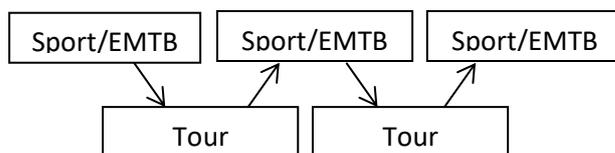
5.1 Dynamic Mode

If the speed limit is exceeded, the motor power is reduced very strongly by default. A higher pedal force then initially no longer results in a higher speed, but in a lower motor support. For a more natural riding experience, the dynamic mode spreads the downshift over a wider speed range, the so-called "wall effect" is significantly reduced and it is possible to ride with much more constant pedal force.



5.2 Activate Dynamic mode

- ▶ Switch on Speed mode
- ▶ Set the Sport/EMTB support level and then shift down to Tour mode twice in quick succession.



- ▶ The following speed is displayed for 2 seconds:
 - 10.0 km/h -> Dynamic mode is switched off
 - 11.1 km/h -> Dynamic mode is switched on
 The set value is saved.

Technical support

If you have any questions or problems, please contact us by e-mail or telephone at:

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In addition to your request, please provide the following information:

- Article number and serial number of the device (S/N, P/N)
- Bicycle manufacturer, type and year of manufacture
- Display type (e.g. Nyon)
- Software version Display
- Motor type (e.g. Active Line)
- Software version motor

To ensure that you always have the device data at hand, you can enter them here before installing the device:

Part Number (P/N): _____

Serial Number (S/N): _____

Disposal



Electronic devices are recyclable materials and do not belong in household waste.

At the end of its service life, dispose of the product in accordance with the applicable legal requirements.