



BOSCH SMART SYSTEM MANUAL

KIT MINI - KIT ADVANCED



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EN

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PRODUCT WARRANTY

- 24 months warranty.
- It fears humidity and heat sources.
- We are liable for manufacturing defects and not for incorrect installations.
- Any firmware update, previous modification with other systems, alteration or damage to the bicycle could result in the failure of the product which can therefore neither be replaced nor refunded.

Eplus guarantees that the product does not have any original conformity defects, pursuant to Legislative Decree 206/05. The function is guaranteed up to the latest version of the original engine; before updating the ebike check compatibility.

ATTENTION

Unlocking the speed limiter in public places such as streets, squares, cycle paths is PROHIBITED BY LAW. Therefore it is possible to activate the release in private limited places such as circuits, tracks and private properties. Mounting the device may void the bicycle's factory warranty. The manufacturer declines all responsibility for any damage caused to pedal assisted bicycles on which the Eplus system is mounted.

The manufacturer declines all responsibility for damage to persons or things caused or in any way related to the use of Eplus.

ALL TRADEMARKS MENTIONED IN THIS MANUAL ARE THE PROPERTY OF THEIR RESPECTIVE OWNERS. BOSCH, WINDOWS, DO NOT SUPPORT, DO NOT SPONSOR, ARE NOT IN ANY WAY TO BE CONSIDERED RELATED TO OUR COMPANY

PRELIMINARY CHECK

The following tools may be required for the installation of the Eplus kit. We recommend a preliminary check of your ebike:

- Torx wrench
- Allen key
- Crank arm extractor
- Cross screwdriver
- Long nose pliers
- Phon



Torx wrench



Allen key



Crank arm extractor



Cross screwdriver



Long nose pliers



Phon

INSTALLATION PROCEDURE

The installation procedure of the Bosch Smart System Mini - Smart System Advanced kits always takes place in the same way.

NOTE: Depending on the kit installed (Mini - Advanced) some settings may vary.

BOSCH SMART SYSTEM KIT INSTALLATION **MINI - ADVANCED**



Remove the battery from your ebike. Remove the crankcase and, if necessary, the pedal.

2

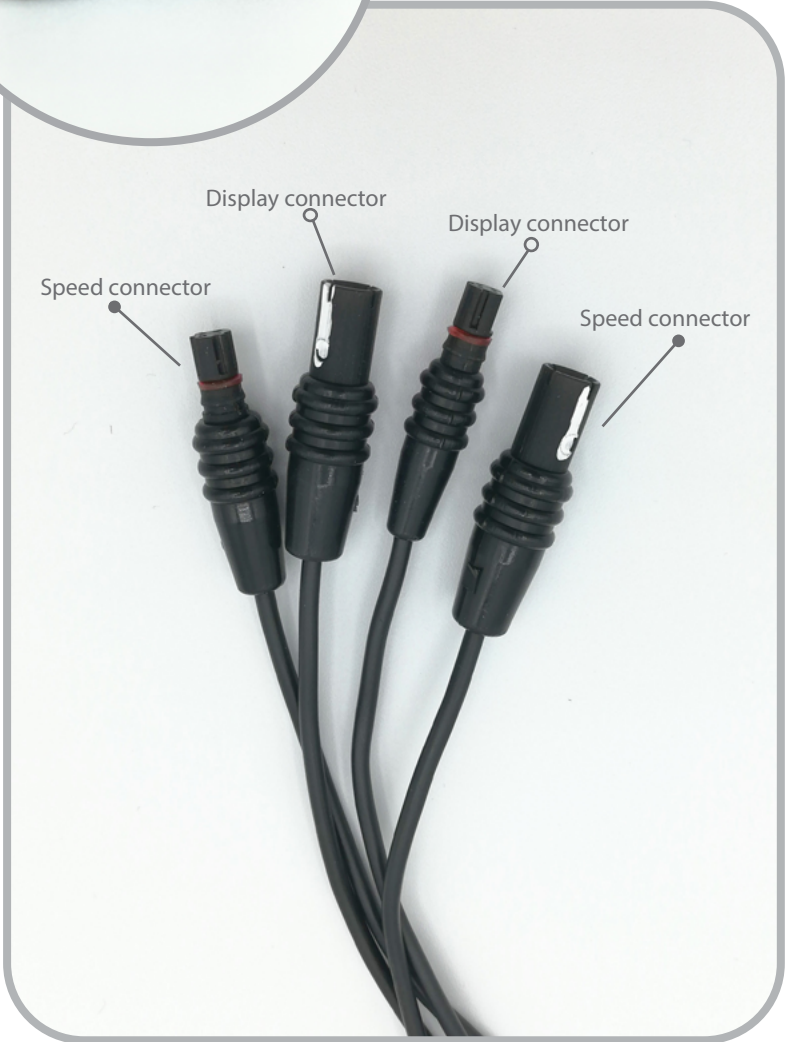


Once the protective cover has been removed, locate the connectors for the display (black connector) and the speed sensor (gray connector). With long nose pliers remove with the two connectors carefully, taking care not to crush or damage connectors or wires.

See photos 2-3

3





4



Insert the male connectors (cables coming out of the chip) in the respective two female connectors (cables disconnected from the motor) matching the two white marks.

**ATTENTION: WRONG CONNECTION LEADS TO SHORT CIRCUIT,
DAMAGE NOT COVERED BY WARRANTY!**

5



6



Connect the female connector of the speed sensor to the motor terminal block respecting the white marks and push the connectors firmly all the way.
Place the kit inside the motor compartment.

7



Close the motor casing and reconnect the battery.

8



Turn on the bike and activate the kit via the Eplus Tuning app.
(Eplus Tuning app only available for Bosch Smart System Advanced)

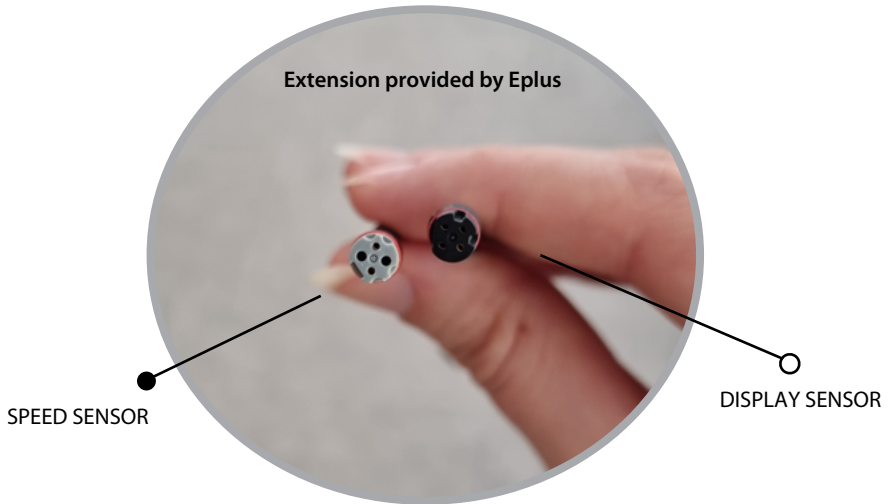
ATTENTION

Please note that setting a speed limit higher than 35km/h may cause an error in the system, especially if you maintain speeds above that limit for a long time period of time. We therefore recommend a balanced use of assistance and non-assist levels exceed this speed limit, to avoid malfunctions.

SMART SYSTEM KIT EXTENSION

The extension is used to facilitate assembly of the Eplus kit and is essential for Scott Patron ebikes.

The steps to do are similar to those already addressed:



Disconnect the 2 original harnesses connected to our kit, connect at this point our two female harnesses to the extension provided by Eplus (**highlighted in white**) and subsequently to the motor terminal board.



BOSCH SMART SYSTEM KIT **MINI**

In the MINI version, only the most important function will be offered: speed unlocker and pedal assistance up to 50 km/h.

NOTE: The kit is basic because the modification is always active and the data shown on the display are not correct.

BOSCH SMART SYSTEM KIT **ADVANCED**

The speed unlocker can only be activated / deactivated via the Eplus Tuning app.

NOTE: when the bike is switched off, the kit is also deactivated, unless you have set the unlock always active from the app.

The speed and km traveled will be displayed incorrectly on the display, while will be corrected by the app; The km of battery life are a statistic.

EPLUS TUNING APPLICATION

The Eplus Tuning app for Bosch Smart System Advanced allows you to:

- **Set the motor mappings:** in addition to the 7 mappings already present (Original, Eco, Urban, Touring, Enduro, Trail and Race) it will be possible to create up to a maximum of 5 “ad hoc” mappings for customizing the driving style.
 - **Unlock speed:** activate / deactivate the speed limiter at 25 km/h. It involves the in-app purchase of €0.99 for assuming responsibility and can subsequently be activated / deactivated from the Eplus Tuning app (function only available with speed unlock activated).
 - **Set the wheel circumference:** function that allows you to set values from 2000 mm a 3000mm.
 - **Code Immobilizer:** By pressing the “LOCK” button, the motor will no longer provide any assistance.
 - **Set a value of up to 75 km/h for the speed (theoretical):** this unlock can be used after installing the kit and purchasing the “Race” function in the app for €0.99.
 - **Set the unlock** to be active when the bike is switched on.
 - **Full tuning:** these sliders allow you to change the correction factor speed-dependent motor assistance.
 - **Mapping customization:** MYMAP buttons allow customization complete with the mapping, automatically memorizing the last cursor configuration.
- The original mapping shows the motor default values.

Android



<https://cutt.ly/4RKOpBd>

iOS



<https://cutt.ly/rCJU8kO>



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