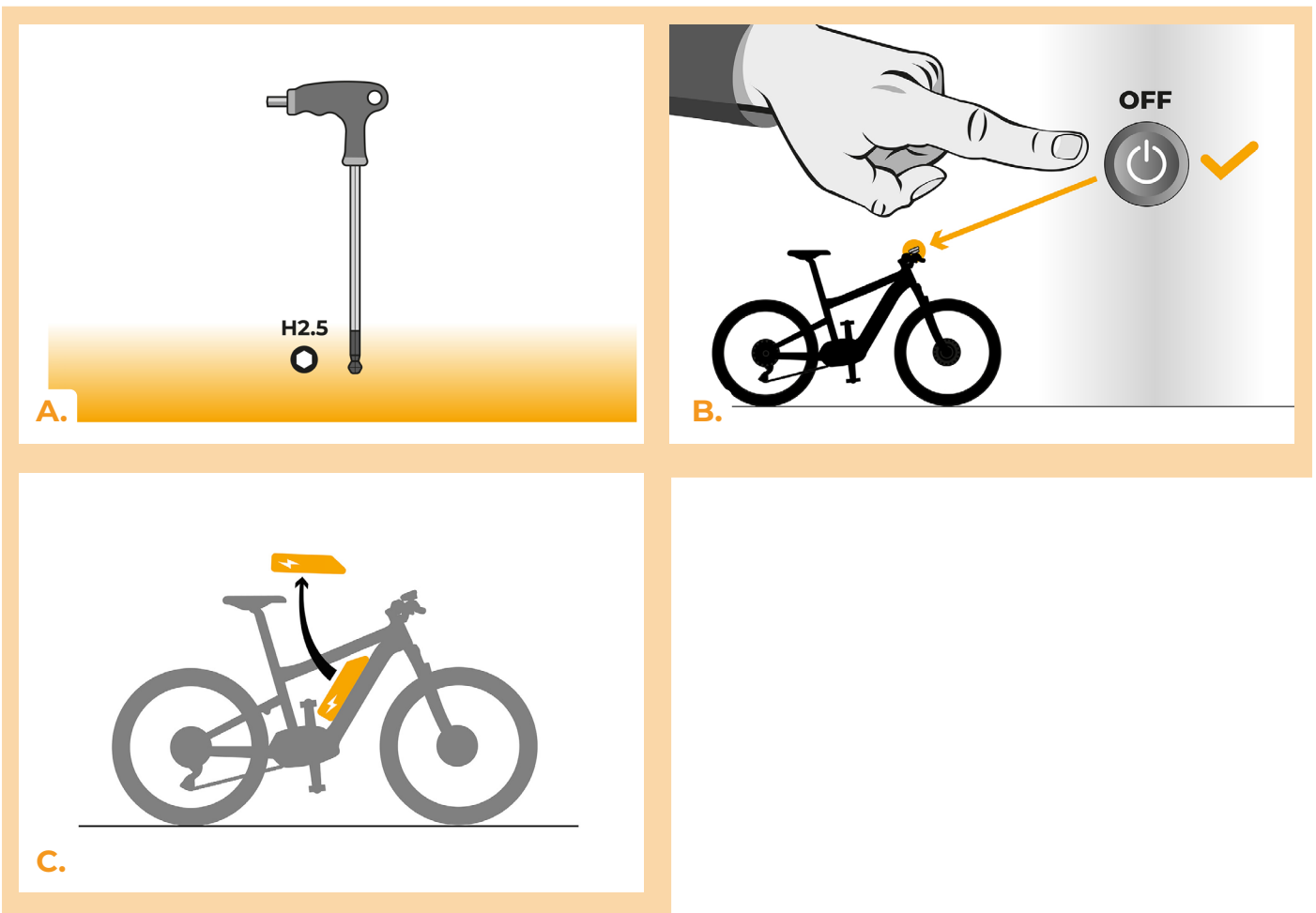


SpeedBox 3.6 B.Tuning for Yamaha

STEP 1: Preparation for installation

For a brand new e-bike ride at least 10 km before installing and activating the tuning.

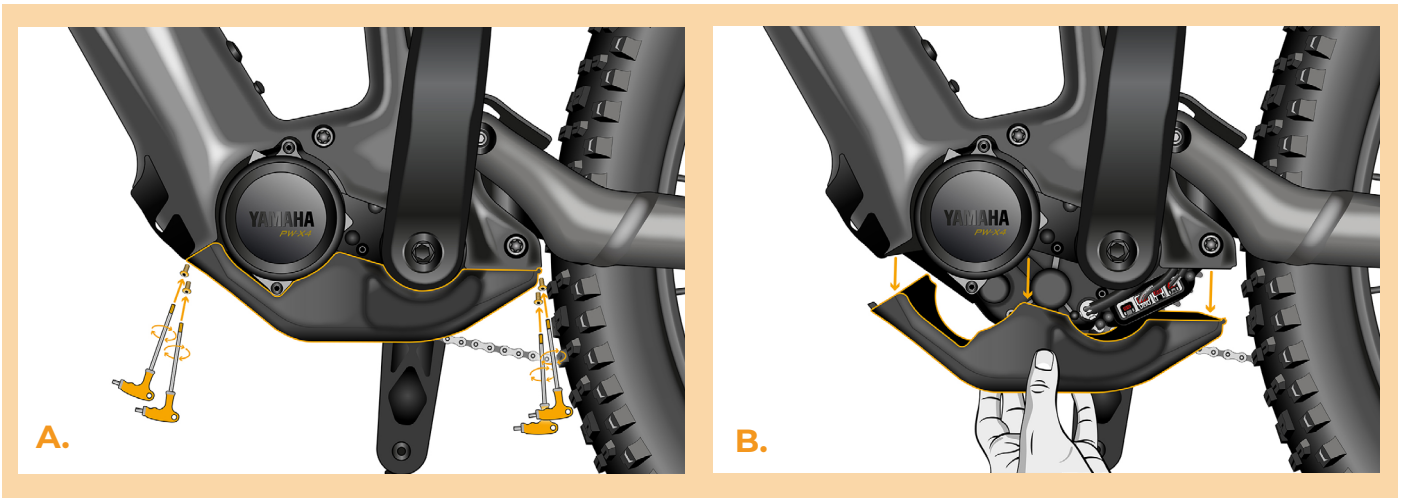
- A.** Prepare the following tools:
 - 1. Hex Key H2.5
- B.** Turn off the e-bike.
- C.** Remove the battery from the e-bike according to the manufacturer's manual.



STEP 2: Removal of the e-bike motor cover

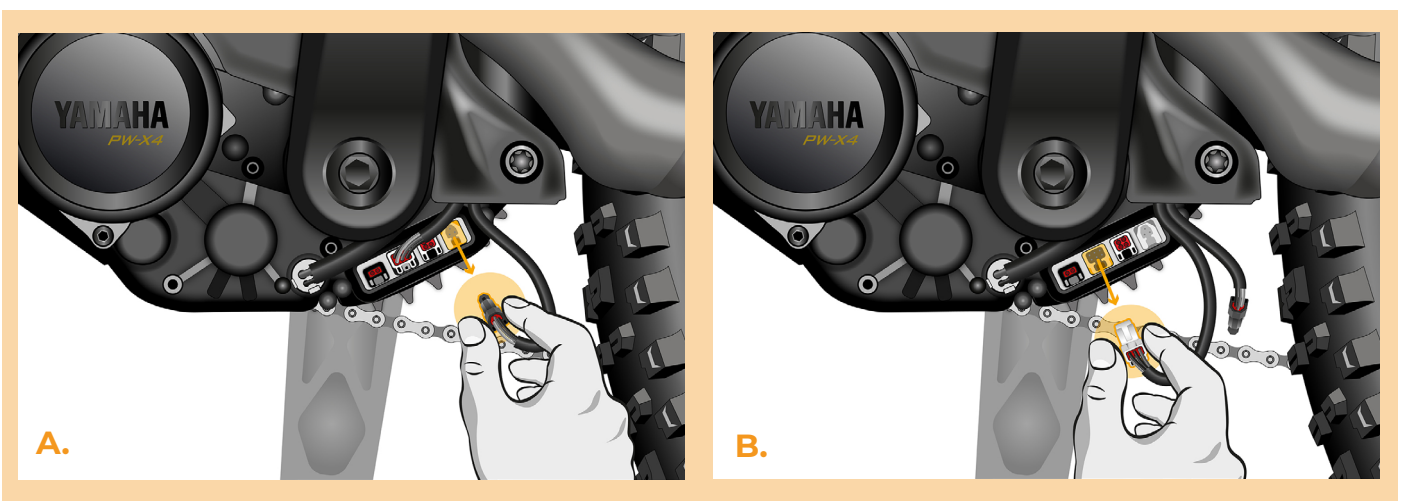
Motor cover disassembly may vary depending on the e-bike's design.

- A.** Unscrew the screws securing the lower motor cover using an H2.5 hex key.
- B.** Remove the motor cover.



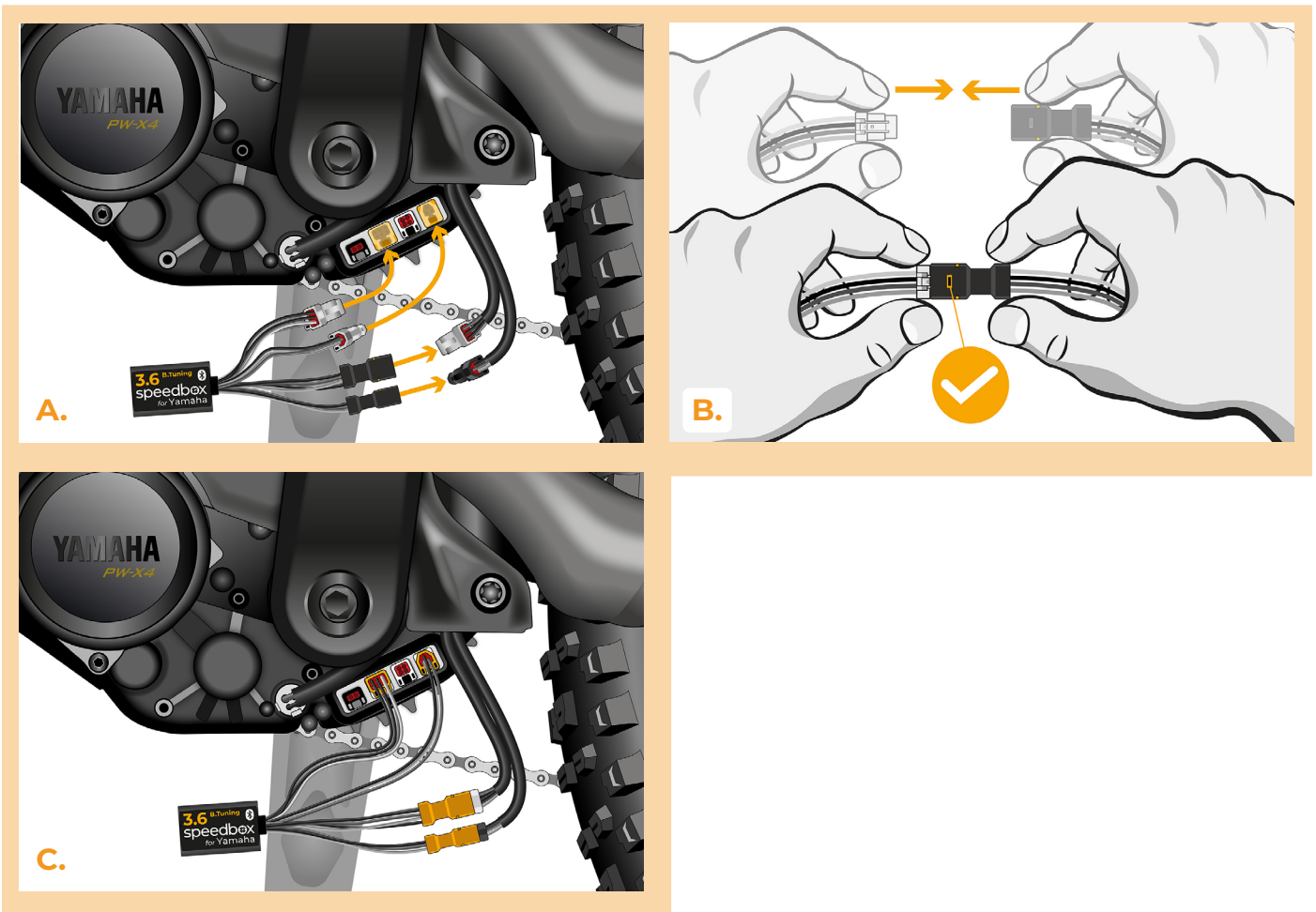
STEP 3: Disconnecting the connectors from the motor

- A.** Disconnect the speed sensor connector.
- B.** Disconnect the motor-to-display cable connector in the same way.



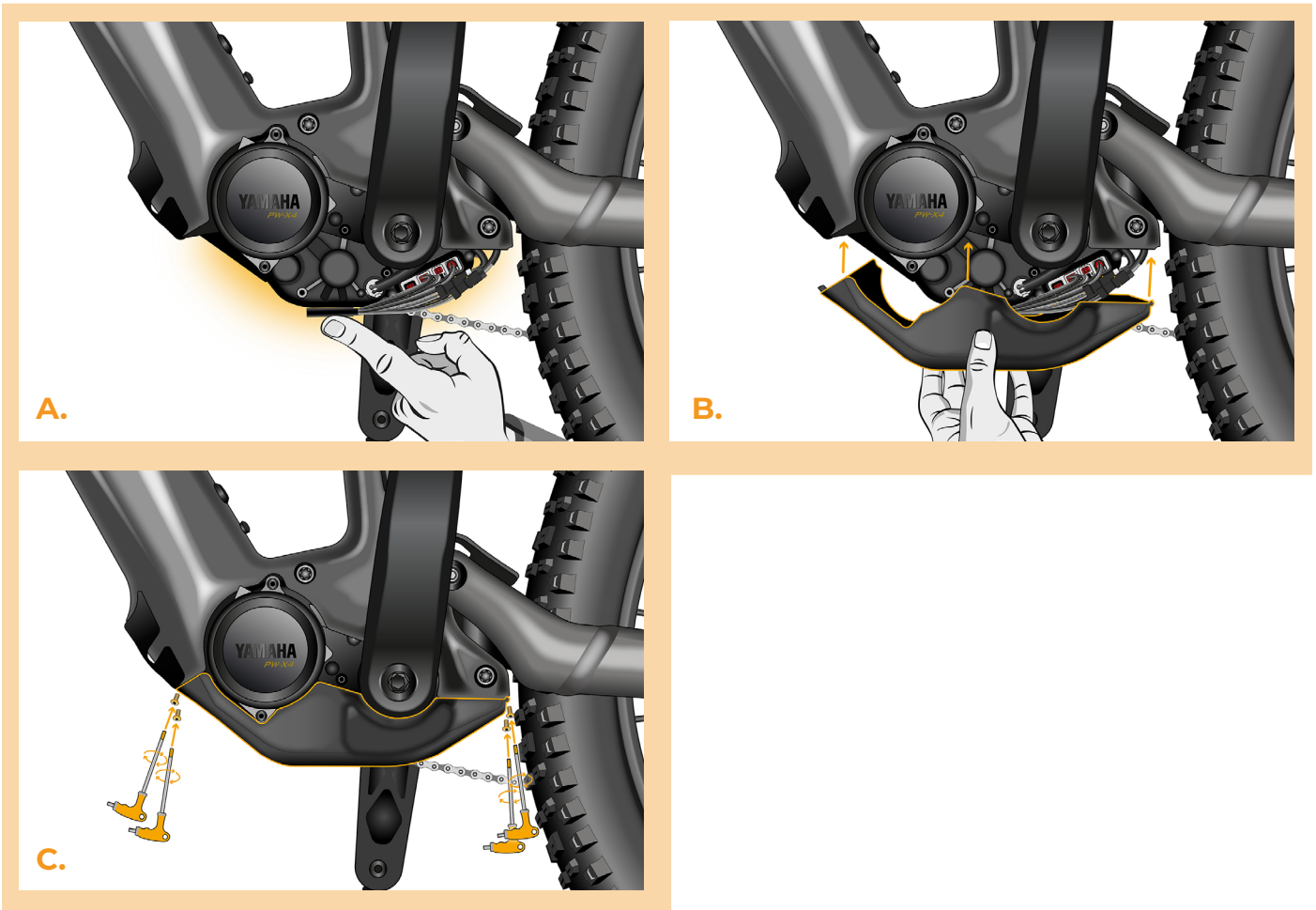
STEP 4: SpeedBox tuning installation

- A.** Plug SpeedBox into the disconnected connectors (step 3).
- B.** Make sure that the locks on the connectors are seated properly.
- C.** Before assembling the motor, check the correct wiring as shown in the figure.



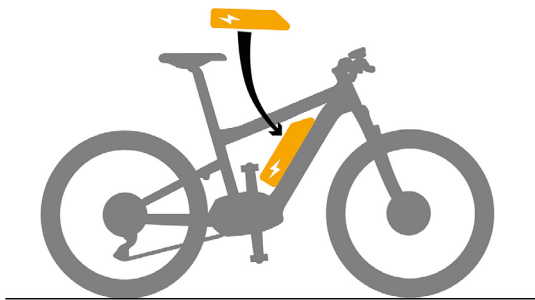
STEP 5: Motor cover assembly

- A.** Find a suitable space under the cover to place the SpeedBox device and cables according to your bike type. Make sure that the cables and connectors are not pinched.
- B.** Put the lower motor cover back.
- C.** Secure the cover with the screws using an H2.5 hex key.



STEP 6: Tuning function check

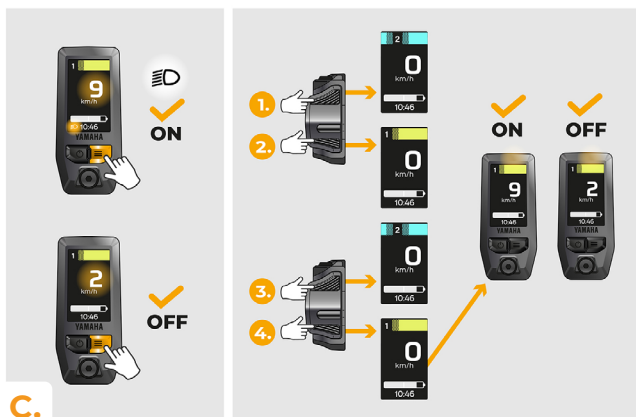
- A.** Place the battery back into the e-bike.
- B.** Turn the e-bike on.
- C.** Short press the LIGHT button or switch twice between two assist modes (↑ ↓ ↑ ↓) to activate / deactivate tuning. A value of 2 on the display means tuning is off, and a value of 9 means tuning is on. **NOTE:** In AUTO mode, tuning cannot be activated or deactivated by switching between two assist modes (↑ ↓ ↑ ↓). In this mode, tuning can only be activated or deactivated using the LIGHT button.
- D.** Spin the rear wheel and make sure that the e-bike display shows the wheel speed.



A.



B.



C.



D.

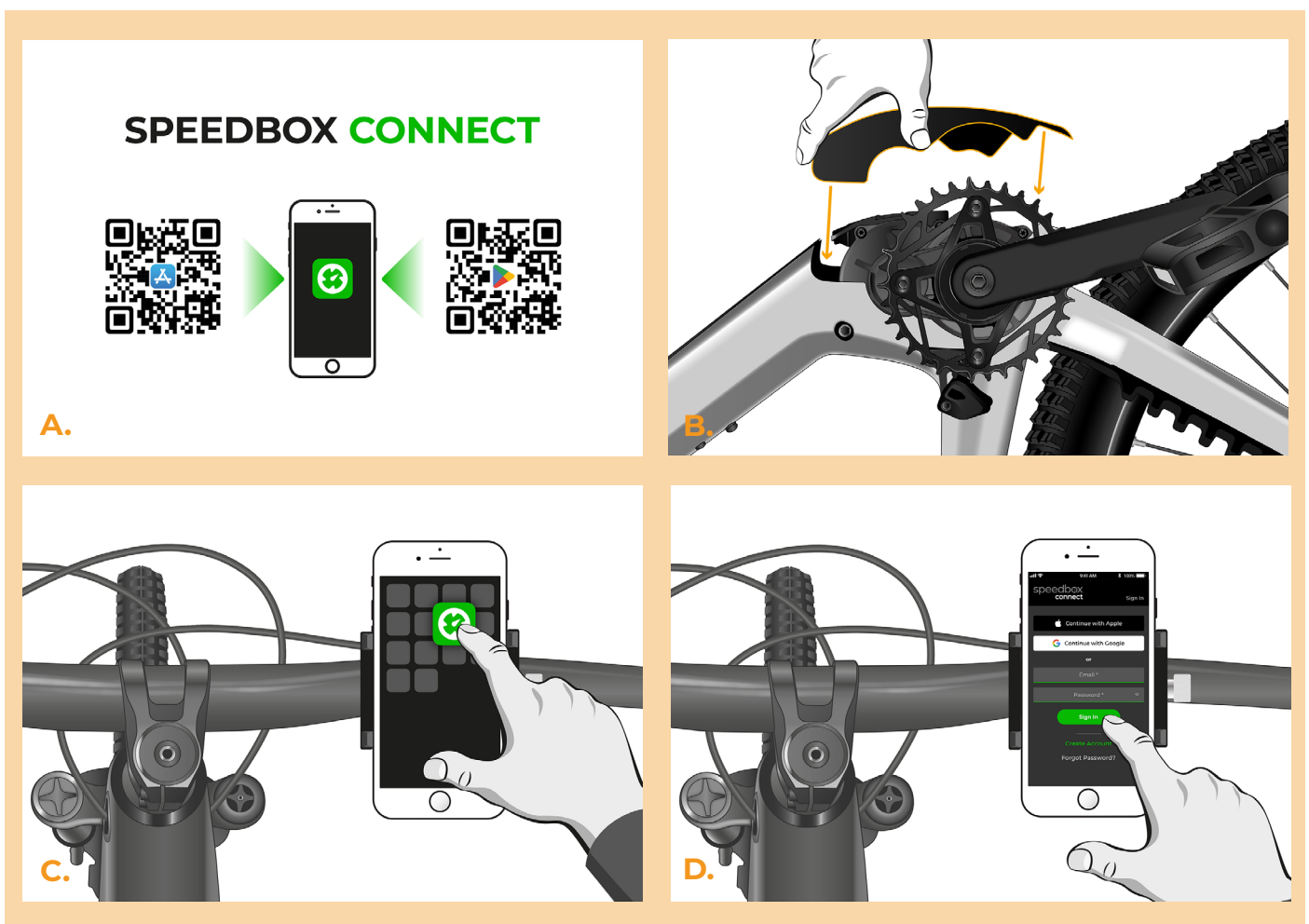
STEP 7: Setting the speed limit

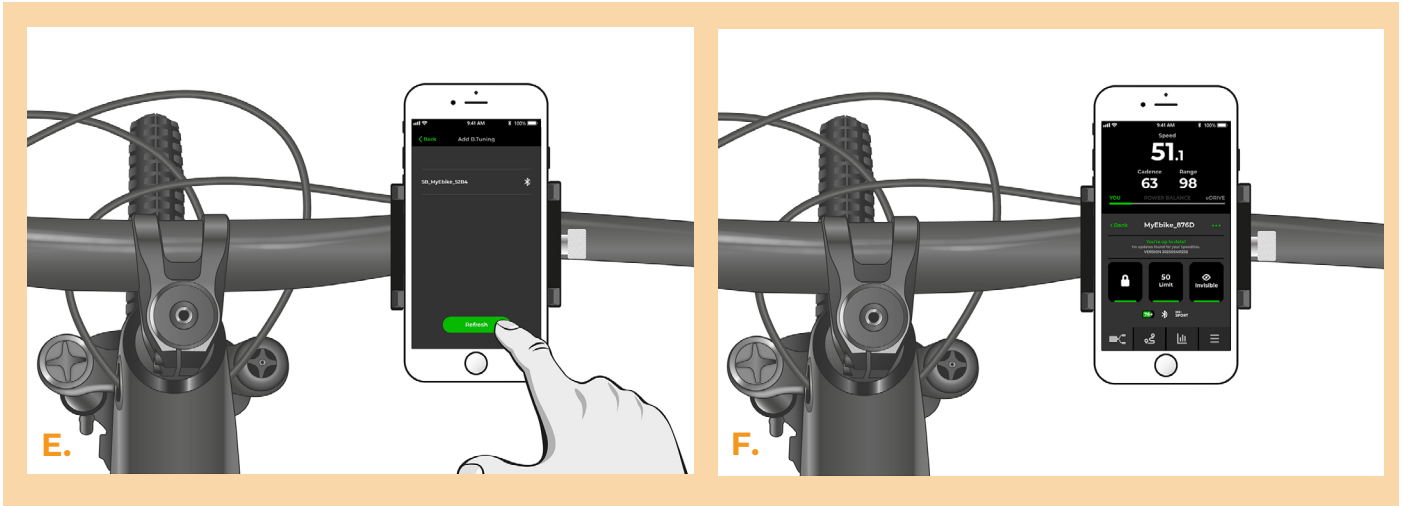
- A.** Set the maximum assist speed using the handlebar controller or display by changing the assist modes: ↓ ↓ ↓ ↑ ↑ ↑. The current speed limit will then be displayed on the screen.
- B.** Increase the maximum assist speed by rotating the rear wheel 360° or pressing the LIGHT button. A value of 2 km/h on the display corresponds to a limit of 20 and 25 km/h, a value of 3 km/h corresponds to a limit of 30 and 35 km/h, etc. The last displayed limit is automatically saved after five seconds of inactivity.



STEP 8: Pairing the SpeedBox product with the SpeedBox Connect mobile app

- A.** Install the SpeedBox Connect app from the App Store or Google Play.
- B.** Turn on Bluetooth on your phone.
- C.** Open the SpeedBox Connect app. Allow location services if prompted.
- D.** Create an account or log in.
- E.** Select the device MyEbike_xxxx. If you cannot find your SpeedBox in the list, click the "Refresh" button and make sure that:
 1. Your e-bike is switched on.
 2. You are not further than 5 m from your e-bike.
 3. Bluetooth is enabled on your mobile phone
 4. Location services are enabled for the SpeedBox Connect app on your mobile phone.
- F.** You can now fully use the SpeedBox Connect app – control tuning, monitor ride data, set the speed limit, etc.





www.speedbox-tuning.com

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