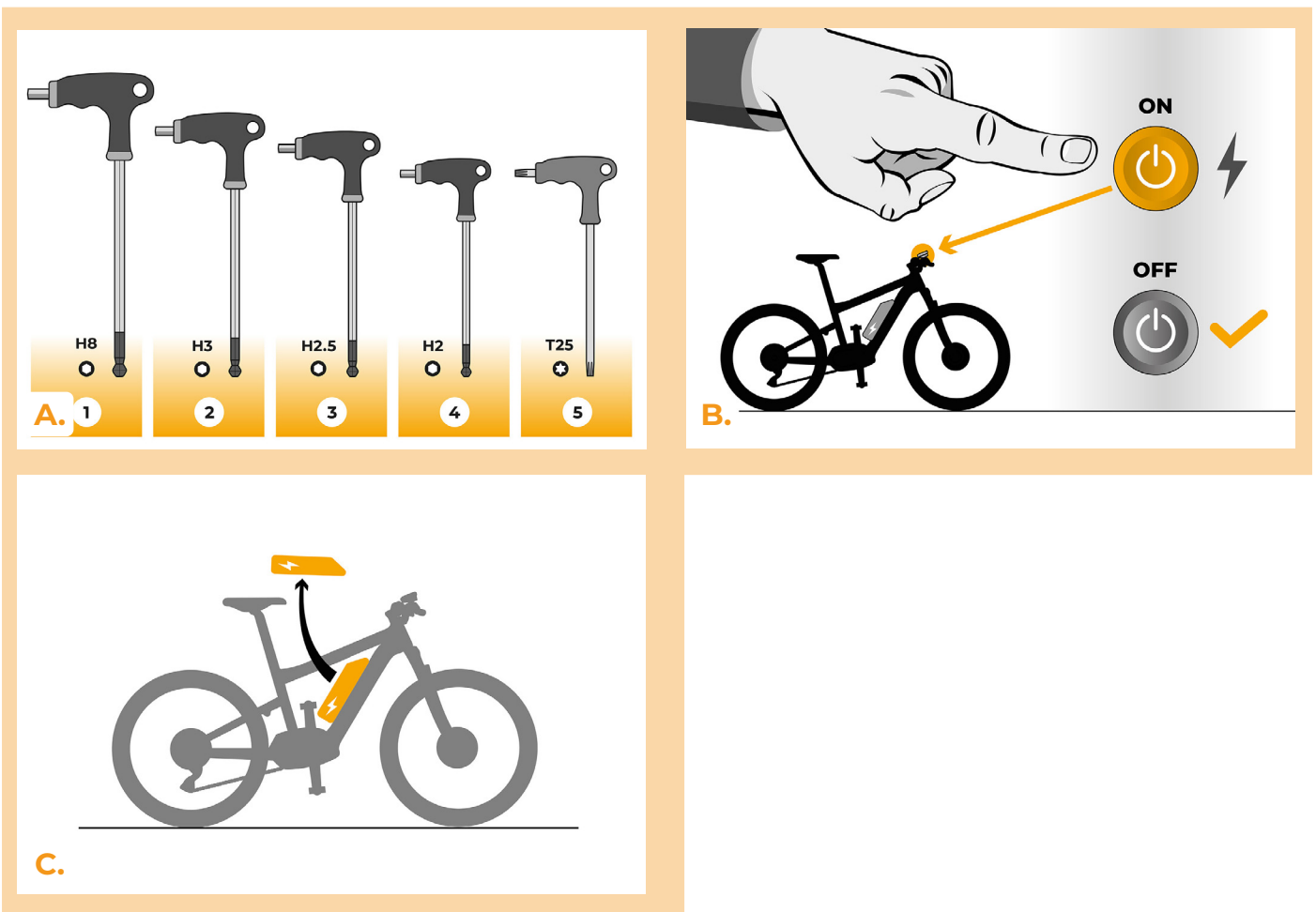


## SpeedBox 3.3 for Ginat

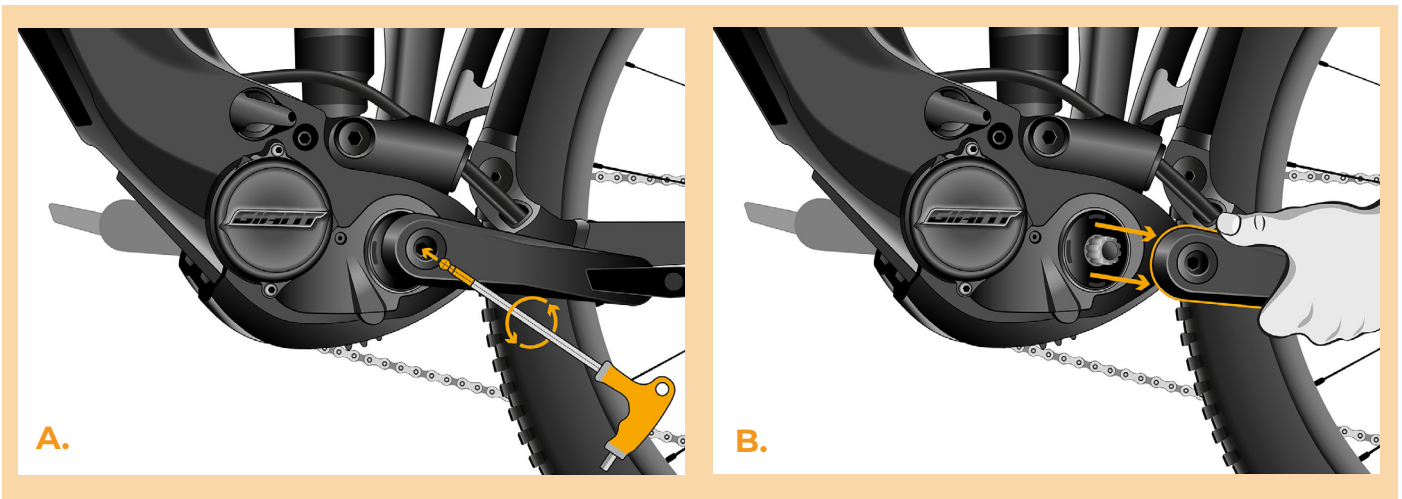
### STEP 1: Preparation for installation

- A.** Prepare the following tools:
1. Hex Key H8
  2. Hex Key H3
  3. Hex Key H2.5
  4. IHex Key H2
  5. T25 Torx screwdriver
- B.** Turn off the e-bike.
- C.** Remove the battery from the e-bike according to the manufacturer's manual.



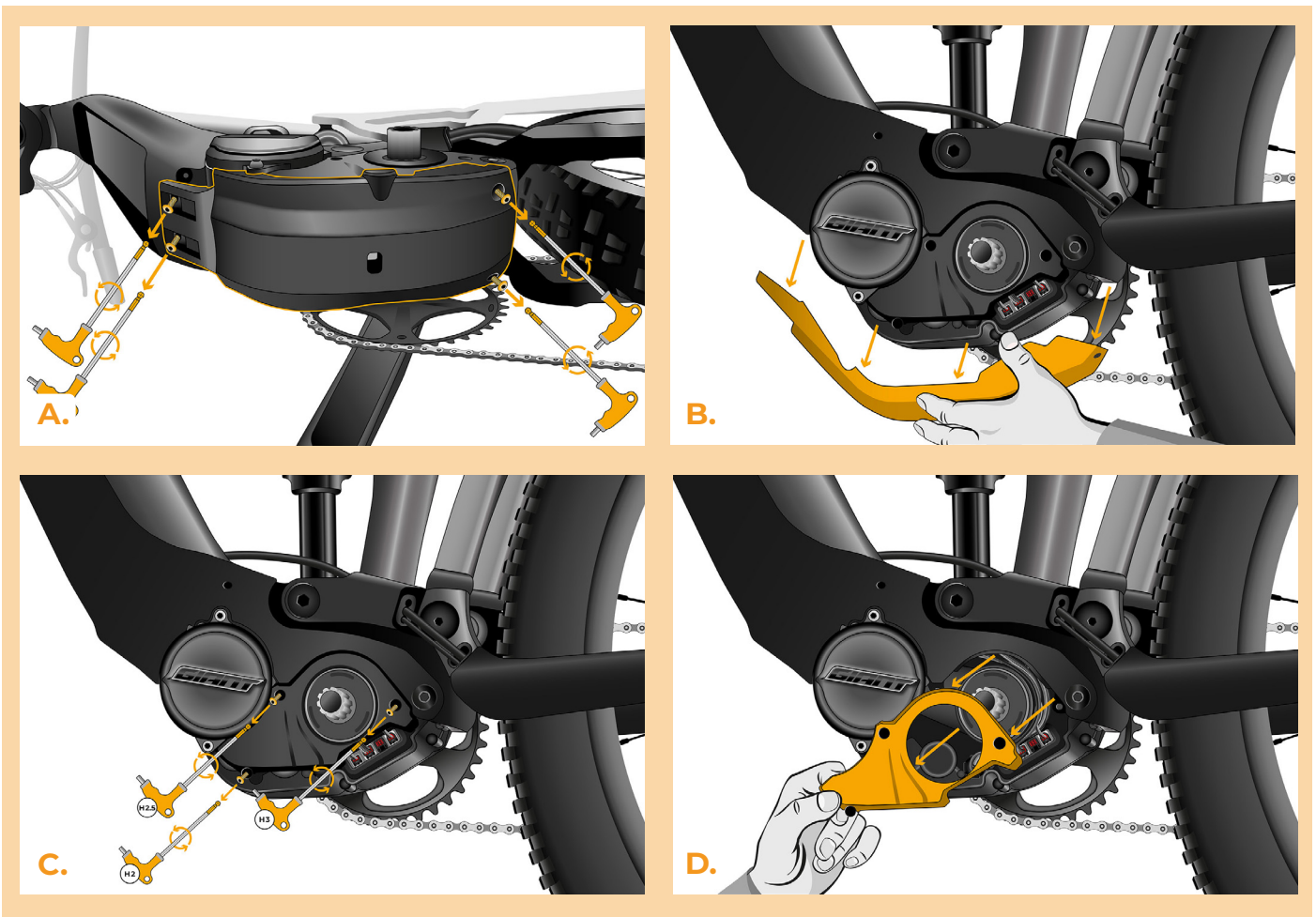
## STEP 2: Crank removal

- A.** Remove the crank bolt of the left crank arm using the hex key H8. If the crank is not self-extracting, it is necessary to use a crank puller - please see the User manual on our website.
- B.** Remove the crank arm from the central axis of the motor.



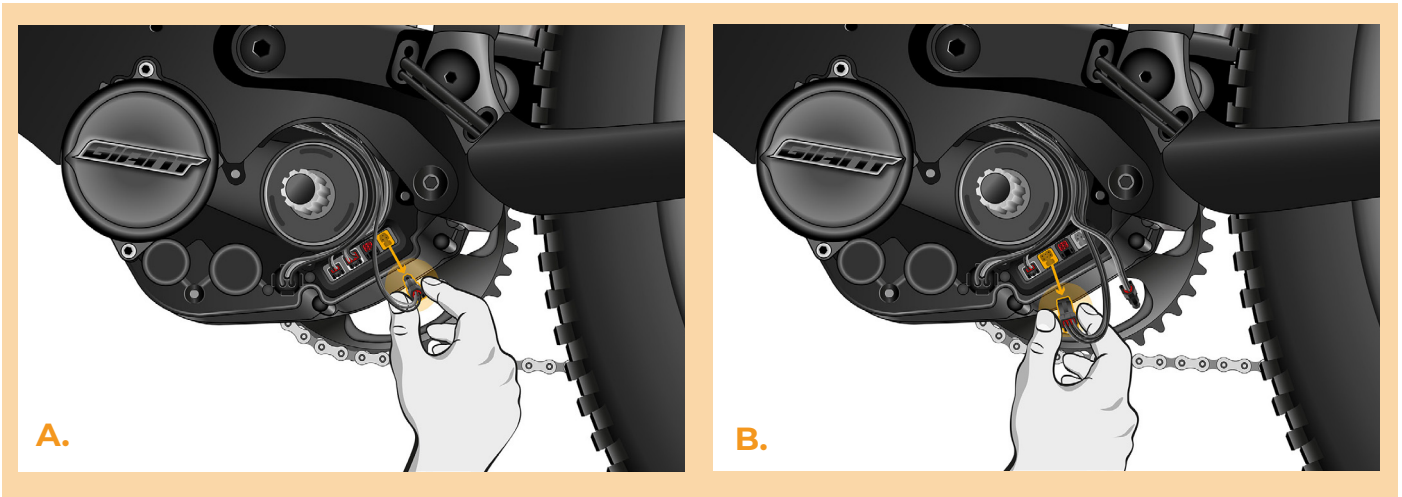
## STEP 3: Motor cover removal

- A.** Unscrew the four screws holding the lower motor cover with the hex key H2.5.
- B.** Remove the motor cover.
- C.** Unscrew the three screws holding the side motor cover with the hex key H3, H2.5, H2.
- D.** Remove the side motor cover.



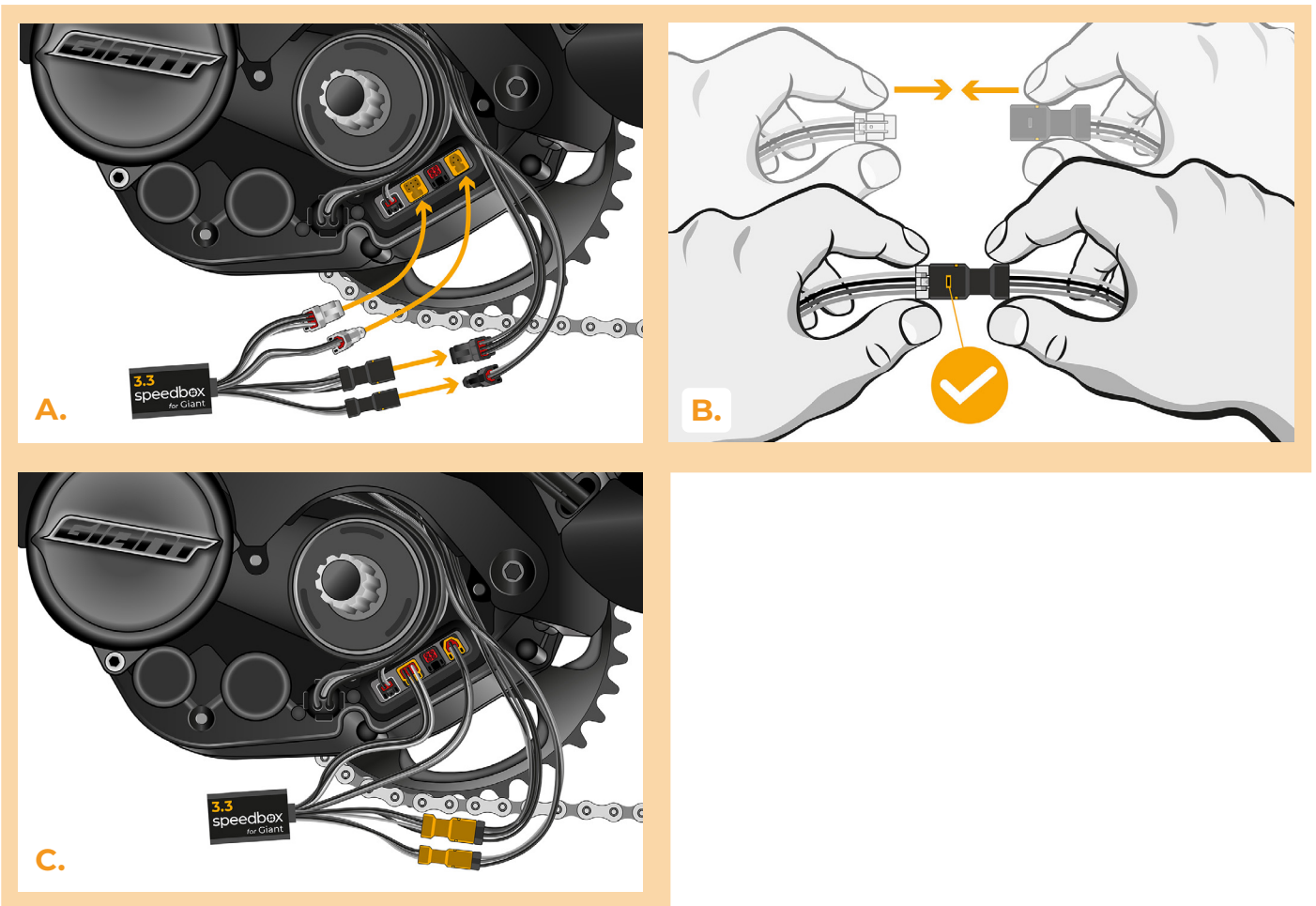
## STEP 4: Disconnecting the connectors from the motor

- A. Disconnect the speed sensor connector.
- B. Disconnect the display connector in the same manner.



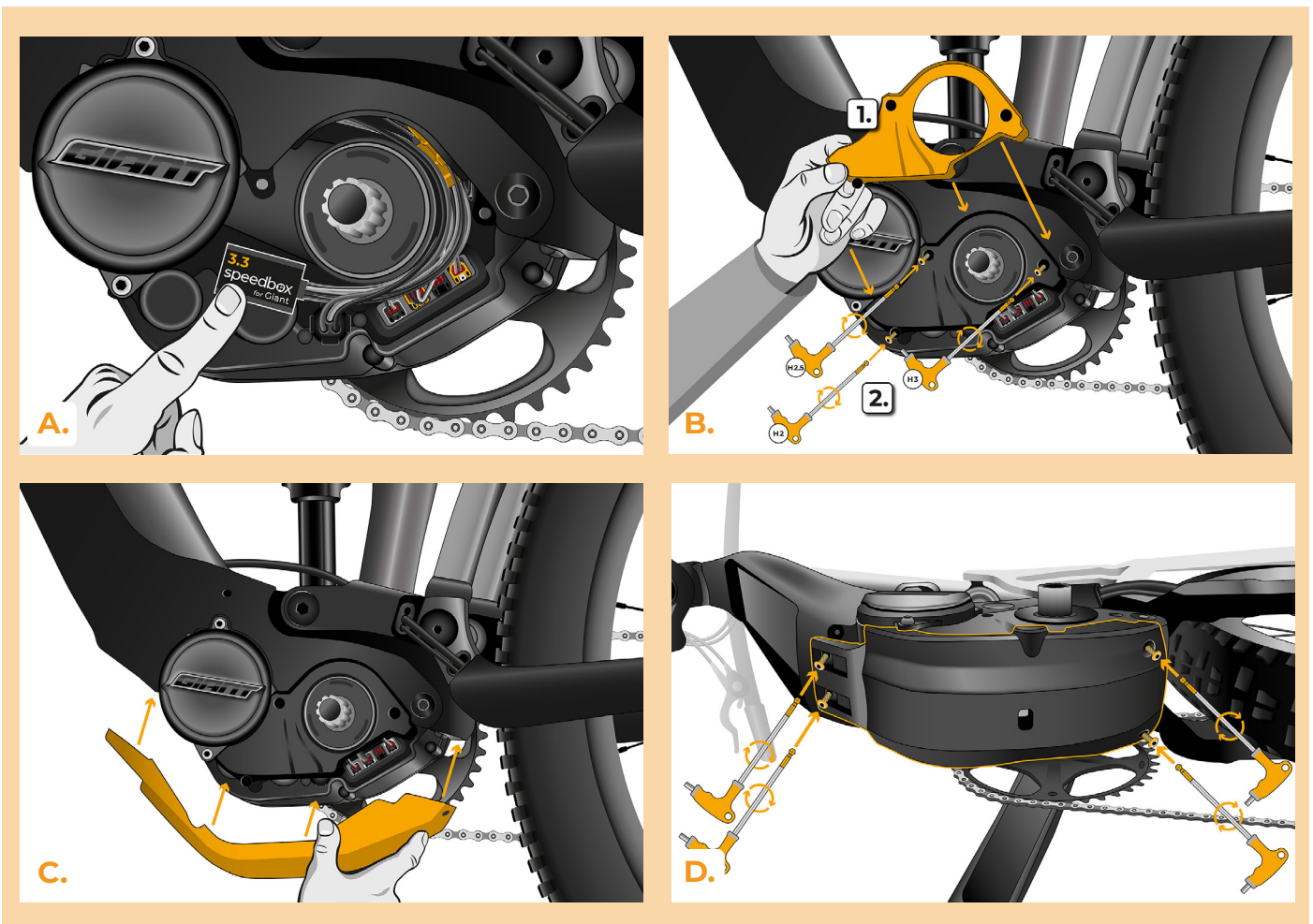
## STEP 5: SpeedBox tuning installation

- A.** Plug SpeedBox into the disconnected connectors (step 4).
- B.** Make sure that the locks on the connectors are seated properly.
- C.** Před zakrytím motoru zkontrolujte správné zapojení podle obrázku.



## STEP 6: Motor cover assembly

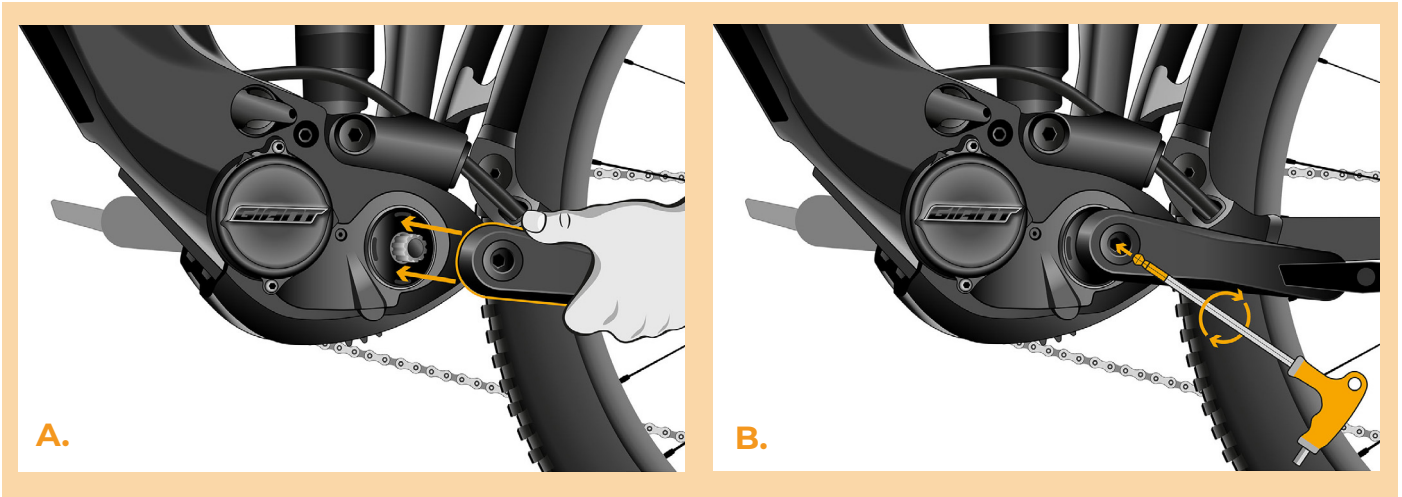
- A.** Fit the SpeedBox and all connectors and wires leading from the motor into the free space under the side motor cover.
- B.** Put the side motor cover back (1.) and tighten the three screws with the hex key H3, H2.5, H2 (2.).
- C.** Put the lower motor cover back.
- D.** Attach the motor cover with 4 screws (H2.5).





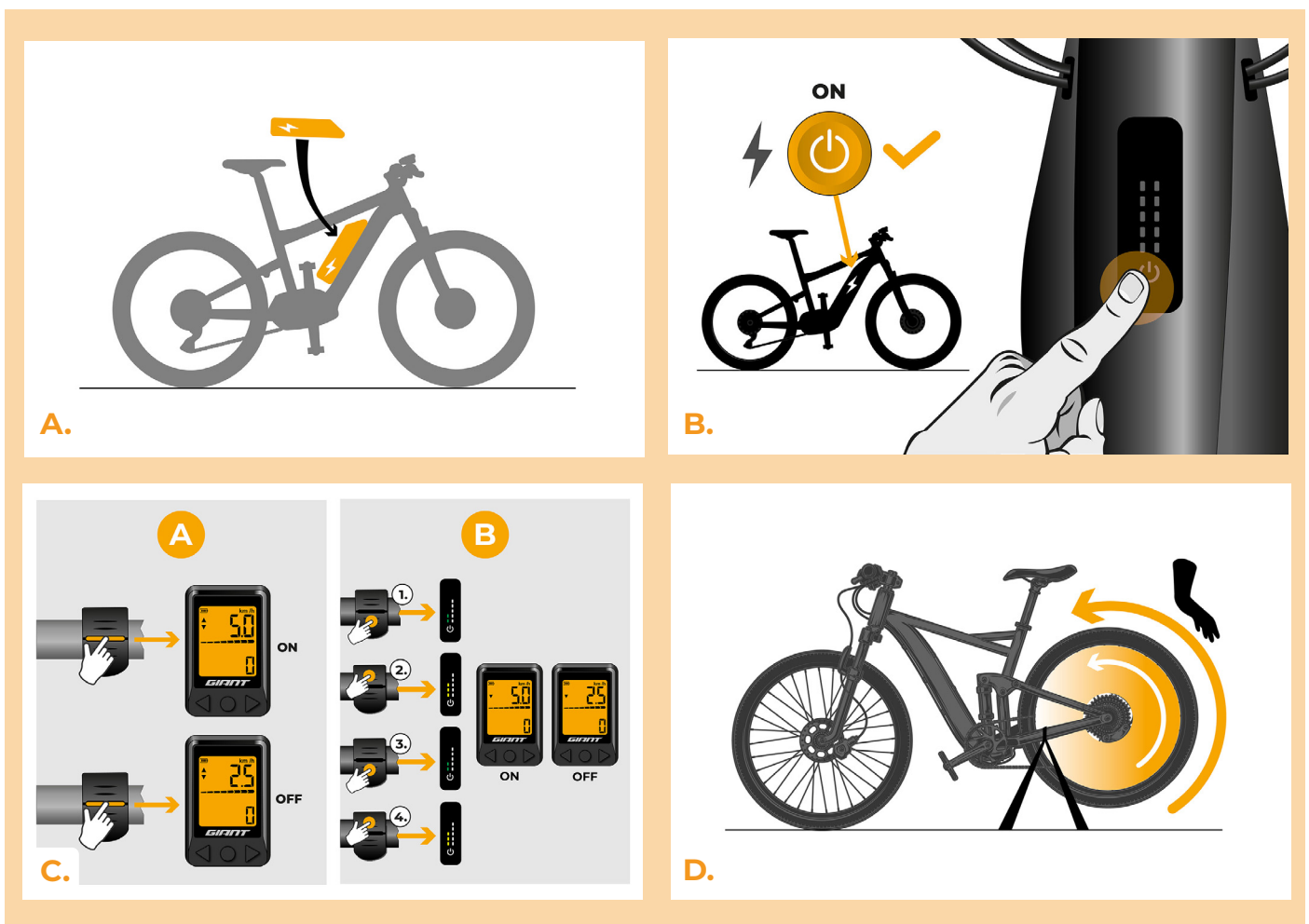
## STEP 7: Motor cover assembly

- A. Put the crank arm back to the central axis of the e-bike motor.
- B. Screw the crank bolt into the crank arm and tighten it with the hex key H8.



## STEP 8: Tuning function check

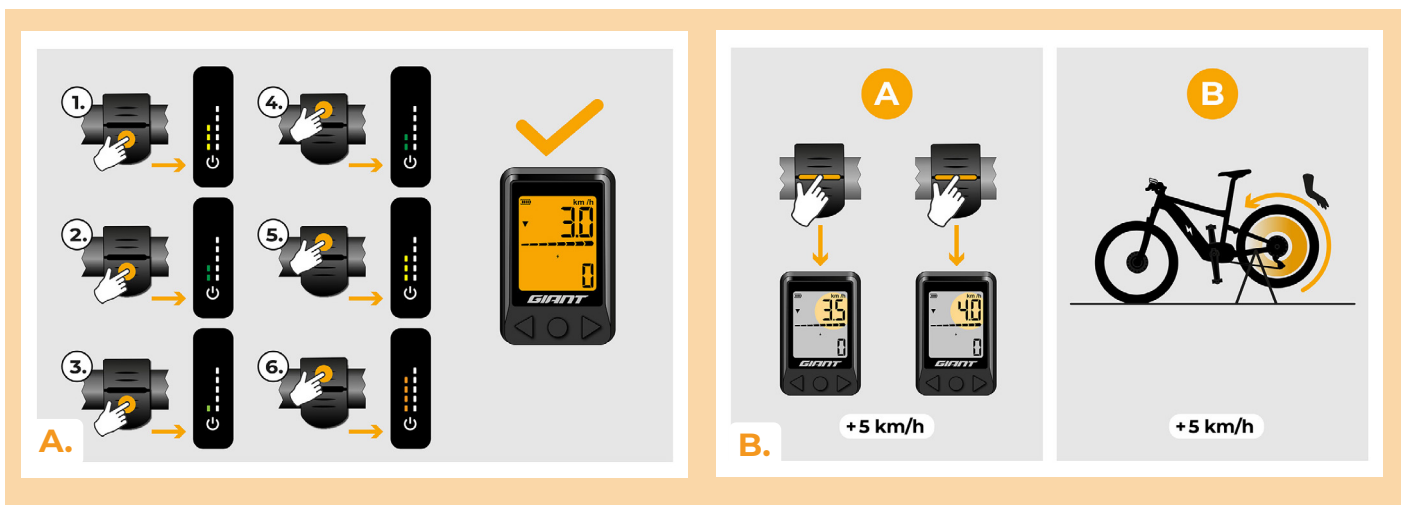
- A.** Place the battery back into the e-bike.
- B.** Turn the e-bike on.
- C.** You will activate/deactivate tuning by brief activation of the WALK function or by switching between two assistance modes twice (+ - + -). The value of 5.0 or 2.5 indicating the maximum speed of 50 or 25 km/h will be displayed.
- D.** Spin the rear wheel and make sure the rear wheel speed is shown on the e-bike display.





## STEP 9: Setting the speed limit

- A.** To set the maximum speed limit, switch the modes: - - - + + +. The current speed limit will be displayed.
- B.** Set the maximum speed limit by pressing the WALK button briefly or by turning the rear wheel 360°. With each brief activation of the WALK function or turning of the wheel, the limit increases by 5 km/h. The last displayed limit is saved after five seconds of inactivity.



[www.speedbox-tuning.com](http://www.speedbox-tuning.com)

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