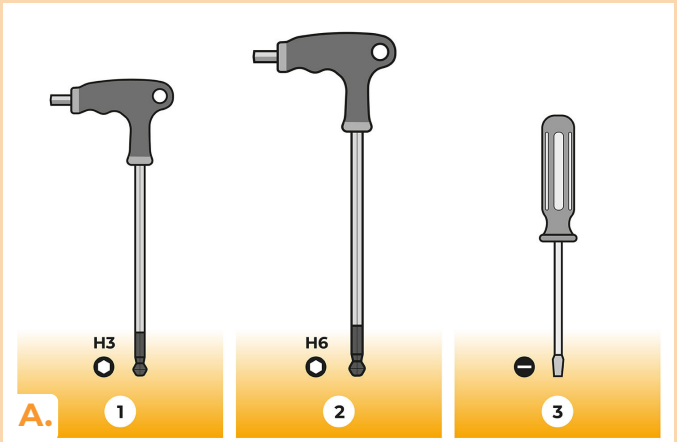
SpeedBox 2.0 for Yamaha PW

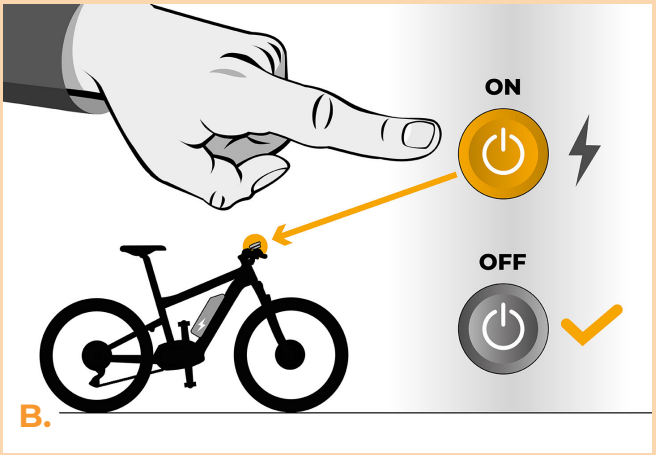
STEP 1: Preparation for installaion

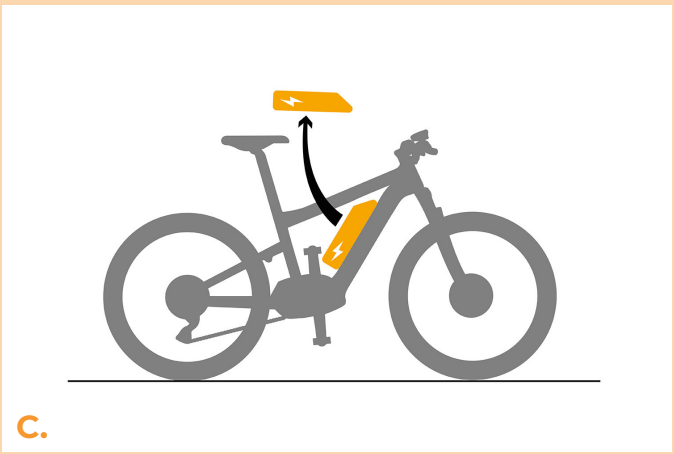
A. Prepare the following tools:
1. Hex Key H3
2. Hex Key H6
3. precision slotted screwdriver

B. Turn off the e-bike.

C. Remove the battery from the e-bike according to the manufacturer‘s manual.

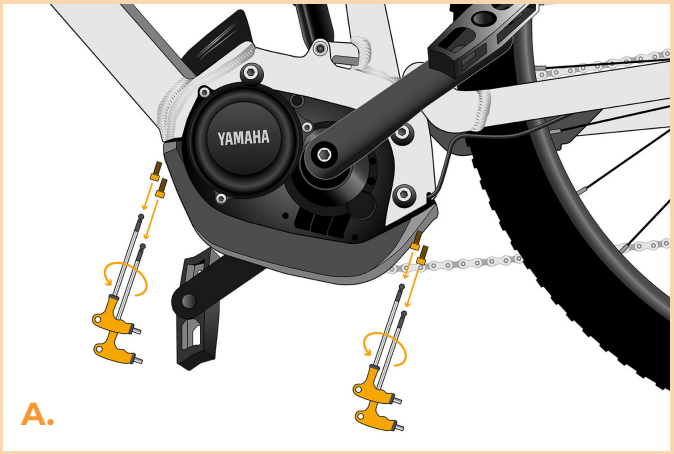


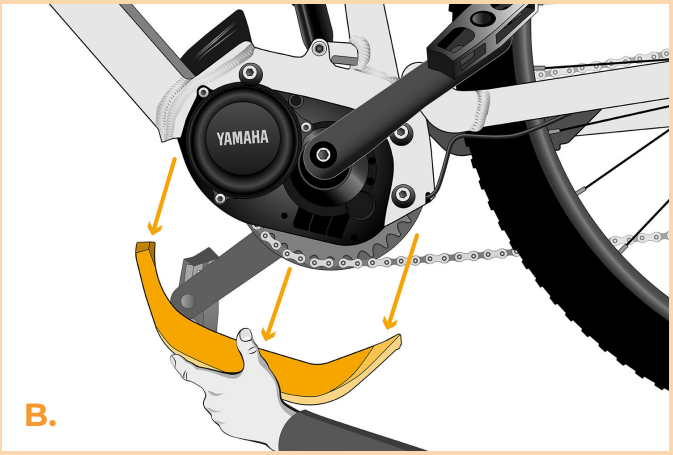




STEP 2: Crank removal

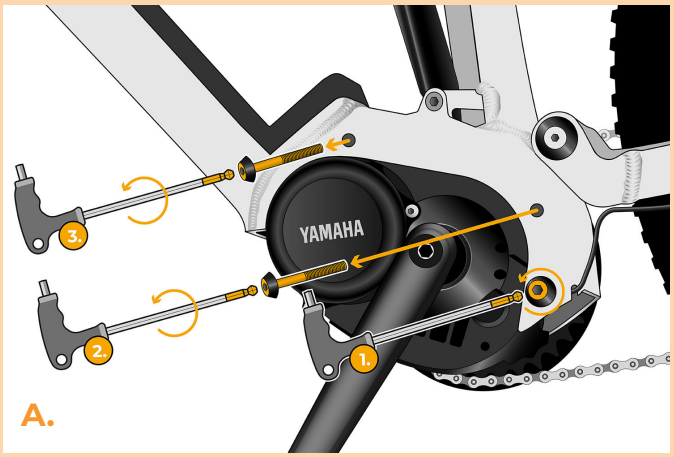
A. Unscrew the four screws holding the motor cover with the Hex Key H3.
B. Remove the motor cover.

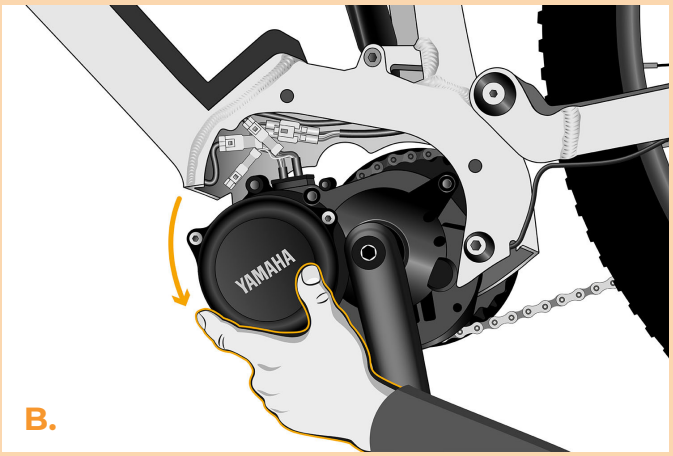




STEP 3: Lowering the Motor

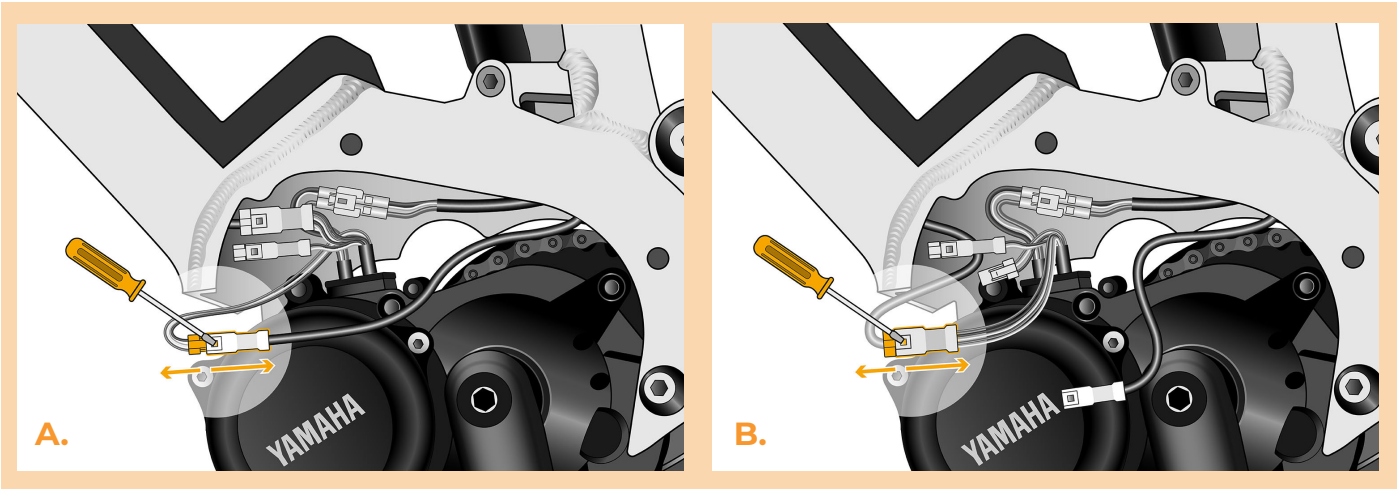
A. Slightly loosen the bottom screw holding the motor. Unscrew the upper two screws with the hex key H6 and pull them out.
B. Carefully tilt the motor out of the e-bike frame to access the motor connectors and wiring.





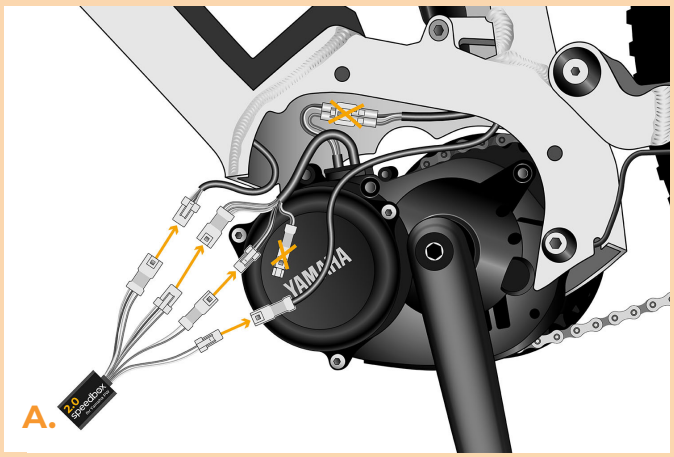
STEP 4: Disconnecting the connectos from the motor

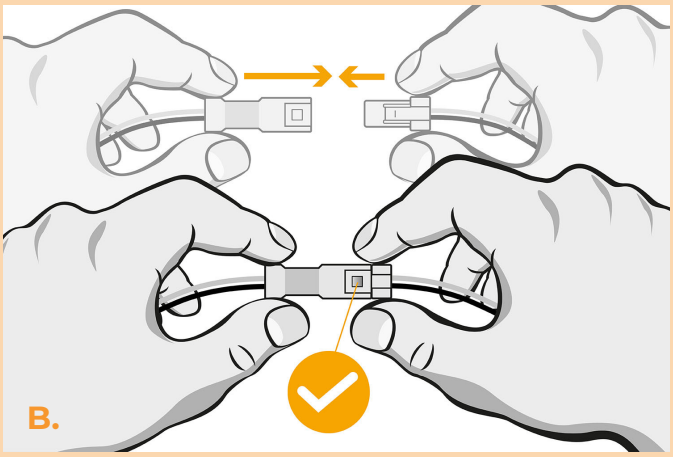
A. Disconnect the speed sensor connector with the slotted screwdriver.
B. Disconnect the display connector in the same manner.

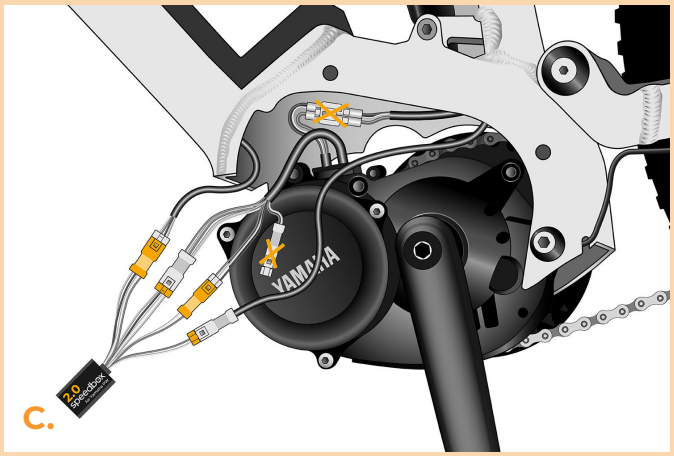


STEP 5: SpeedBox tuning installation

A. Plug SpeedBox into the disconnected connectors (step 4).
B. Make sure that the locks on the connectors are seated properly.
C. Before assembling the motor, check the correct wiring as shown in the figure.

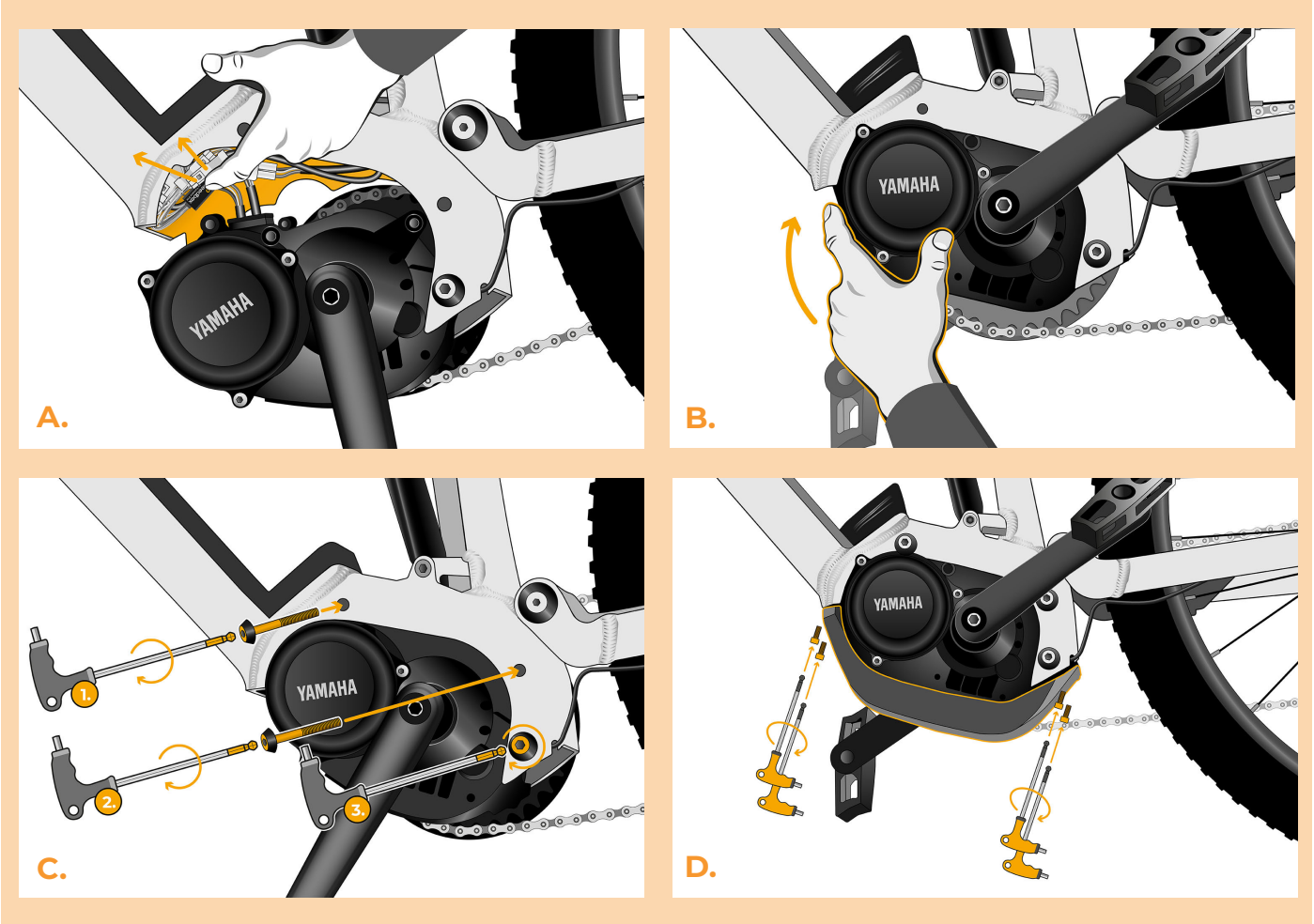






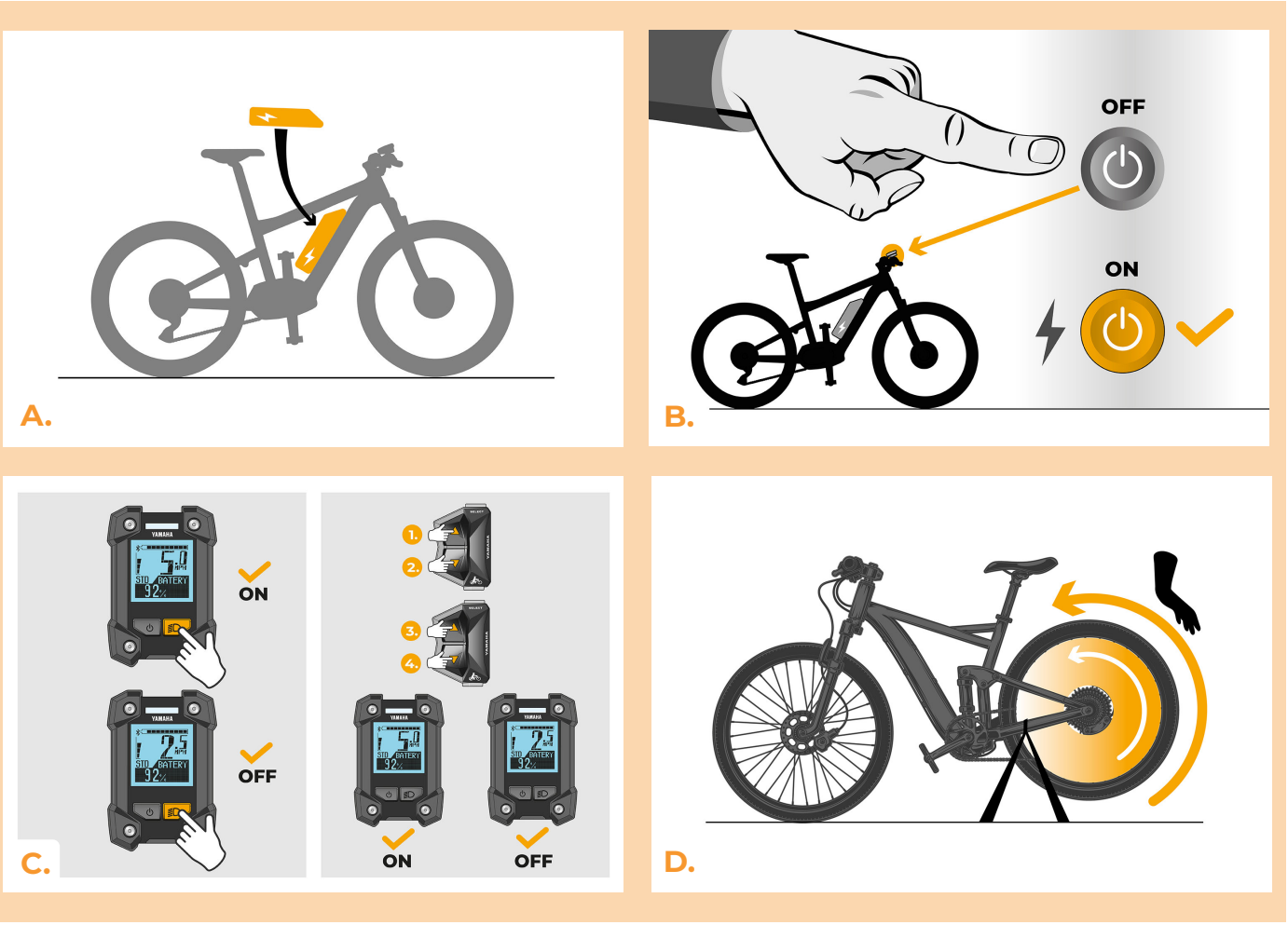
STEP 6: Motor cover assembly

A. Place the connectors and wiring leading from the motor back into the free space in the e-bike frame.
B. Return the motor to its original position and be careful not to accidentally damage the cables.
C. Screw in the screws holding the motor in the frame and tighten well.
D. Place and screw the plastic engine cover back in place.



STEP 7: 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 pressing the LIGHT button shortly or by pressing the ↑ ↓ ↑ ↓ button combination quickly (the value of 5.0 or 2.5 will be shown indicating the maximum speed limit in km/h). Some types of displays may round to whole numbers.
D. Spin the rear wheel and make sure the rear wheel speed is shown on the e-bike display.



speedbox
break the limits

www.speedbox-tuning.en

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