



**YAMAHA PW-X3**  
**YAMAHA MORO 07**  
**MANUAL**

KIT MINI - ADVANCED



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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 installation.
- Any firmware update, previous modification with other systems, alteration or damage to the bicycle could result in the failure of the product to function, which can therefore neither be replaced nor refunded.

Eplus guarantees that the product has no 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 FORBIDDEN BY LAW. Therefore it is possible to activate the unlocking in private limited places such as circuits, tracks and private properties. Fitting the device may invalidate the bicycle's factory warranty.*

*The manufacturer declines all responsibility for any damage caused to the bicycles a assisted pedaling on which the Eplus system is mounted. The manufacturer declines all responsibility for damage to people or things caused by or in any way related to the use of Eplus.*

ALL TRADEMARKS MENTIONED IN THIS MANUAL ARE THE PROPERTY OF THEIR RESPECTIVE OWNER. YAMAHA, WINDOWS, DO NOT SUPPORT, DO NOT SPONSOR, ARE IN NO WAY TO BE 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 Yamaha PW-X3 Mini - Advanced kits always takes place in the same way.

## MINI - ADVANCED YAMAHA PW-X3 KIT INSTALLATION



Before starting, disconnect the battery.  
Remove the crankcase and, if necessary, also the pedal with an extractor.

2



Locate the display (6 wires) and speed sensor (3 wires) connectors.

3



With long-nosed pliers, gently disconnect the connectors being careful not to crush or damage them.

4



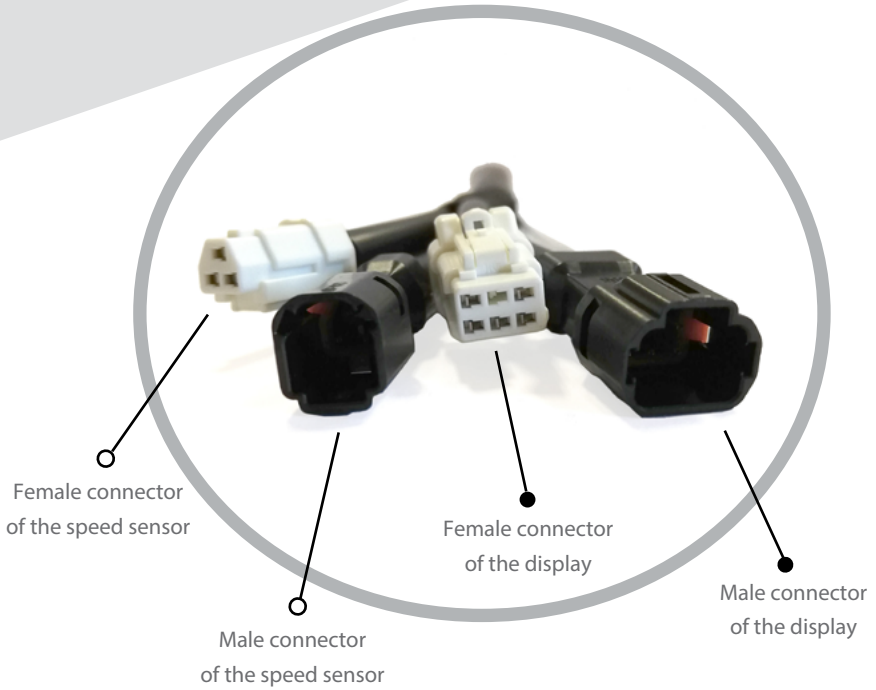
Insert the connectors in the figure in place of the ones just disconnected.  
(see photo 3)

5



Connect the connectors in photo 3 to the male connectors (black) of the kit.  
The connectors are unique, you can't go wrong.

# CONNECTOR DIAGRAM





6



If necessary, order the cables with electrician's clamps paying attention that there are no wires in the holes where the screws pass.  
Fit the crankcase and reconnect the battery.

## MINI YAMAHA PW-X3 KIT

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

**PLEASE NOTE:** The modification is always active and the data shown on the display are not correct.

## ADVANCED YAMAHA PW-X3 KIT

The motor unlock is activated / deactivated by pressing the “*Lights*” button.

**PLEASE NOTE:** The Speed Unlocker feature is obtained with an in-app purchase of €0.99; without the in-app purchase, the unlock function does not work.

The Eplus Tuning app for Yamaha PW-X3 allows you to:

- Vary the motor maps (6 different mappings from Eco to Race)
- Unlock speed
- View data in real time
- Set the wheel size from 2000 mm to 3000 mm
- Activate the Code Immobilizer (anti-theft function) which prevents the engine from being activated
- Set a value up to 75 km/h (theoretical) for the speed
- Set the unlock active when the bike is switched on

Android



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

iOS



<https://cutt.ly/CKN2ugJ>

# YAMAHA MORO 07 INSTALLATION KIT ADVANCED

1



Before you begin, disconnect the battery.  
Remove the motor crankcase and crown, if necessary, also the pedal with an extractor.

2



Disconnect the battery connector.

3



Locate the speed sensor connector, disconnect it and connect the 3-pin male connector from our kit in its place.

4



Connect the speed sensor connector, previously disconnected, to the 3-pin female connector of our kit.

5



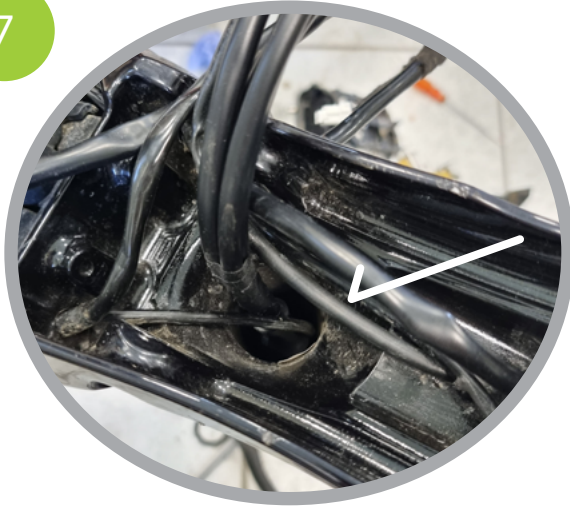
Locate the display connector, disconnect it and connect the 5-pin male connector from our kit in its place.

6



Then connect the display connector, previously disconnected, to the 5-pin female connector in our kit.

7



Find a slot for our kit (see photo).

8



Reconnect the battery connector and then connect the battery.  
Then close the motor crankcase again.

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- Set the unlock active when the bike is switched on

The activation/deactivation function via app **only works if the “GHOST” mode is active.**

Android



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