

Part Eight: Controller Connection

Please find suitable position to put controller on your ebike

C. LCD Display

D. Throttle Electric Lock

F. PAS Sensor

A. Battery Wires

D. Throttle

G. Headlight

E. Brake



B. Motor Wires

A. Power Supply Cable (XT60 Plug):

Controller Side Power Supply Cable Side

XT60 Male XT60 Female

Positive (Red) Positive (Red)

Negative (Black) Negative (Black)



B. Motor Cable Connection (3-Phase+ 5-hall sensor):

(1) 3-Phase: MT60 Plug

Controller Side Motor Side

O Ring O Ring

Blue Blue

Green Green

Yellow Yellow

(2) 5-hall Sensor: White DJ7061-2.8-21 Female and Male Plugs.

Controller Side Motor Side

DJ7061-2.8-21 Female DJ7061-2.8-21 Male

Red Red

White White

Black Black

Yellow Yellow

Green Green

Blue Blue

If your motor has internal speed detector hall sensor.

Please plus this, otherwise just keep it empty.

Black Yellow

Yellow Black

Green Green

Blue Blue

Blue Blue

Blue Blue

Blue Blue

Blue Blue

Blue Blue

Blue Blue

Blue Blue

Blue Blue

Blue Blue

Blue Blue



Or

If you want motor rotate as reverse direction with original speed then just exchange two wires of phase and hall sensor wires:

Phase Wire: exchange Yellow and Blue

Hall Sensor Wire: exchange Yellow and Green

C. LCD Control Panel Connection: White SM-5A Male and Female plugs

Controller Side LCD Side

SM-5A Male SM-5A Female

Pink Red

Blue Blue

Black Black

Green Green

Yellow Yellow



If you don't want to use LCD, please just plug the jumper connector as follow photo (connect pink and blue, yellow and black)



D. Throttle Connection:

(1). Electric Lock: White 2.8B-2 Female and Male Plugs

Controller Side Throttle side

2.8B-2 Female 2.8B-2 Male

Red Green

Pink Yellow

(2). Throttle Speed Control: Black SM-3Y Female and Male plugs

Controller Side Throttle Side

SM-3Y Female SM-3Y Male

Red Red

Black Black

Blue (Signal) White (Signal)

Blue (Signal) White (Signal)

5V del in 5V sensor with value 2.5V

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5V del in 5V sensor with value 2.5V

3 phase Red Red Signal
on 10V del in 5V sensor with value 2.5V

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