

MAGIC PIE INSTALLATION MANUAL

INSTALLATION



1. Open up the package and check that you have everything that you ordered. Check that everything is in working condition.



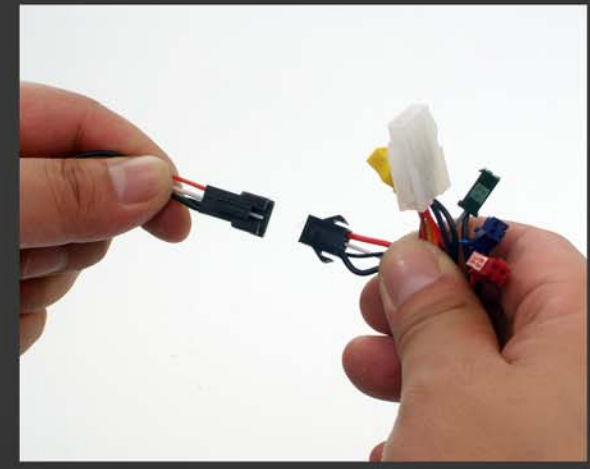
2. Mount the motorized wheel onto your bike frame, check that the sprocket and disc brakes are fitted onto the bike frame perfectly. Use washers to adjust the central position of the wheel.



3. Using torque wrenches, screw the nut onto the bolt tightly, make sure that the axle is immobile and that the derailleur does not make any contact with the motor at all.



4. Fix the battery rack (001 or 002) onto the bike frame. Also check that the battery rack has been fixed onto the frame tightly.



5. Connect the control wires according to the color code to your electric brakes, throttle, lights, cruise control, and the horn.



6. Connect the battery cable and the control cables to the Magic Pie. Make sure the arrows are facing each other.

WARNING!

Arrows must be aligned!!!



7. Mount the Battery onto the rack.



8. Connect the power cable to the battery. Do not turn on the power yet, please check to make sure all connections are secure.



9. Bind your wires neatly and make sure it does not come into contact with any moving parts. (e.g. Power cord does not touch the tyre when bike moves)



10. Turn on the battery. If you've done everything correctly, then your Throttle's Battery meter should light up. Your done now. Go nuts with your bike!

Battery connections

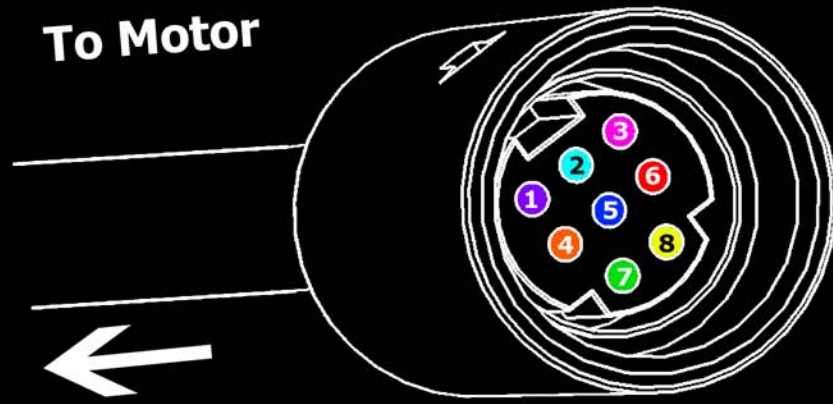


Please check the polarity of the battery and cables properly!
Short circuiting or reverse polarizing may cause permanent damage!

WIRING DIAGRAM

8-Pin Interface wiring diagram

To Motor



- 1) Reverse Function
- 2) Negative (Ground)
- 3) Pedelec (Signal)
- 4) Throttle
- 5) Brake Switch
- 6) Throttle and Pedelec (+5V Supply)
- 7) Cruise Control Button
- 8) Battery Positive supply for LED lights and battery gauge

Pedelec

Throttle

LED lights

Battery Gauge

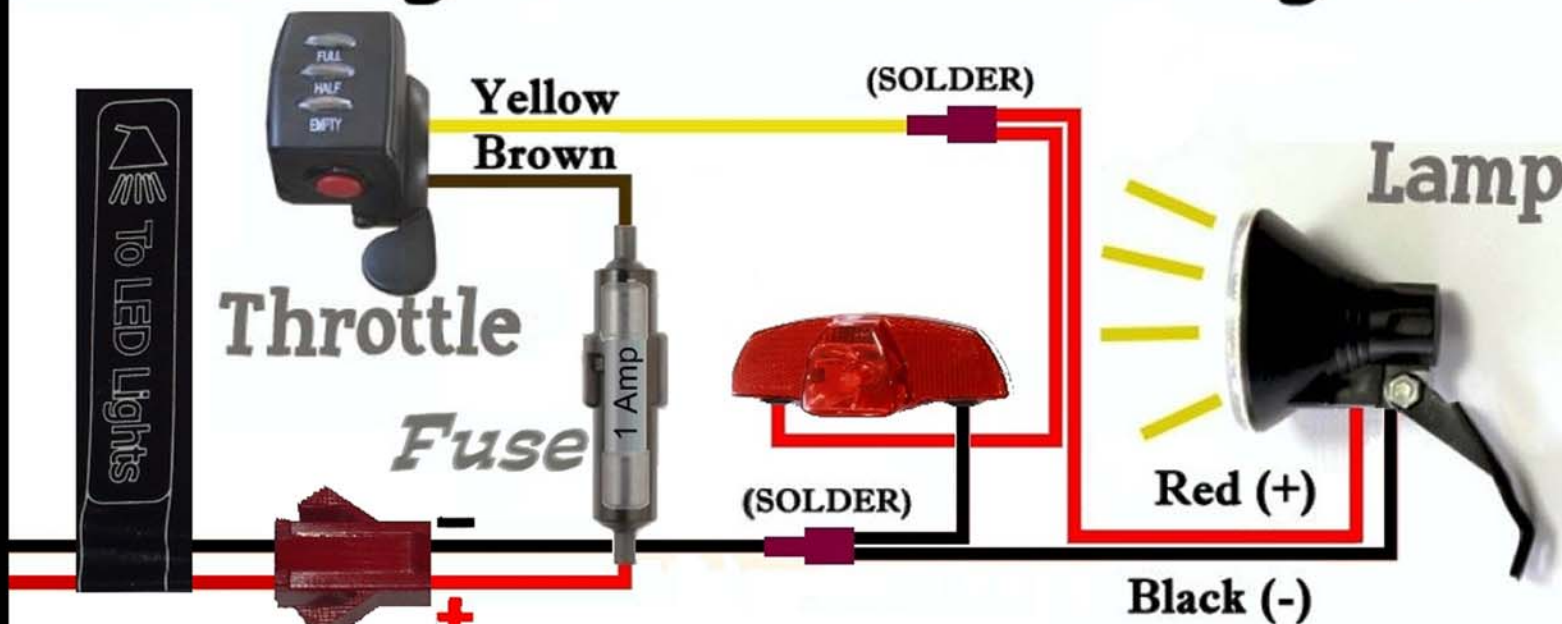
Brake Switch

Cruise Control

Reverse Button

*The reverse function can only be used in Magic Pie 1.1 or higher.

LED Light Connection Diagram



LED Lighting connector on the Magic Pie's main Wiring Harness

Front and rear lights share the same connections.

