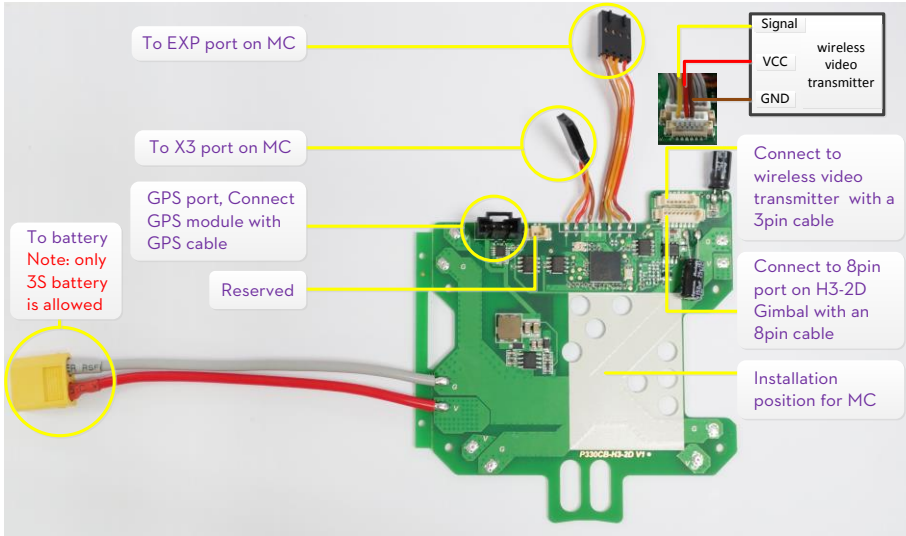


P330CB-H3-2D Instruction V1.00

P330CB-H3-2D Board is designed to replace the center board inside the PHANTOM. P330CB-H3-2D has integrated PMU(Power manage unit) and GCU(Gimbal control unit) , and has added ports for wireless video transmission module and Zenmuse H3-2D to enhance the compatibility with H3-2D.

For NAZA-M Firmware version V3.12 or above , Assistant software version V2.12 or above.

Introduction



In the box

P330CB-H3-2D Board(1), LED Board(1), 8pin cable(1), 3pin cable(1), 3M Fixing pad(1)

Spare screws: Phillips-head screws M2.0*6.5(5) and M1.6*4(3)

Self-prepared tools

Allen screw driver, Phillips-head screw driver, soldering iron, cable ties, scissors

Assembly steps

- 1、Disassemble the 4 propellers of the PHANTOM. (Disassemble 4 prop guards too if they are assembled)
- 2、Remove screws on 4 arms to open the top cover of PHANTOM. Below shows the positions of screws to be removed on one arm.

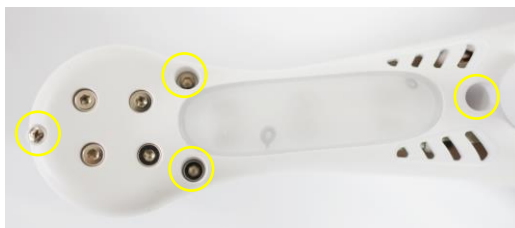


Fig.1 Screws to be removed

3. Disassemble the original center board inside the PHANTOM

- (1) Cut off the cable ties to release the USB cable fixing to the center board. (A1)
- (2) Disconnect the connections with the MC.(B1-B2)
- (3) Desolder the ESC cables(C1-C4) connected to the center board.
- (4) Remove the screws(D1-D4)to disassemble the original center board.

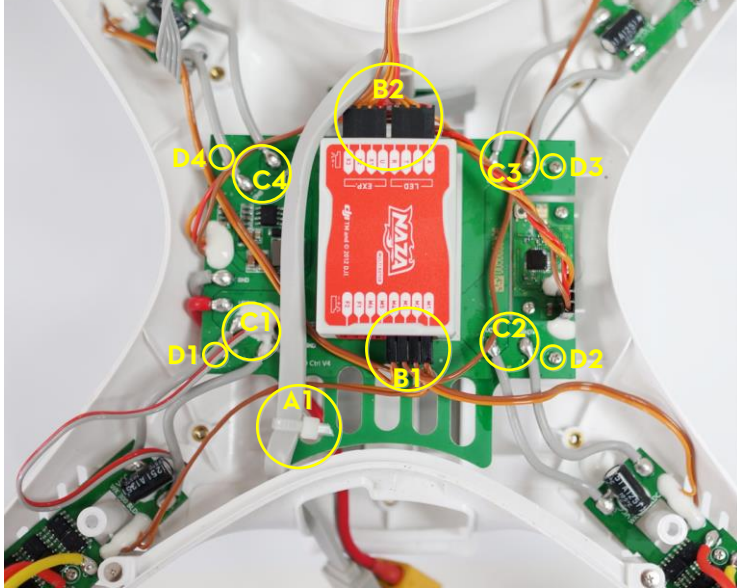


Fig.2 Disassemble items

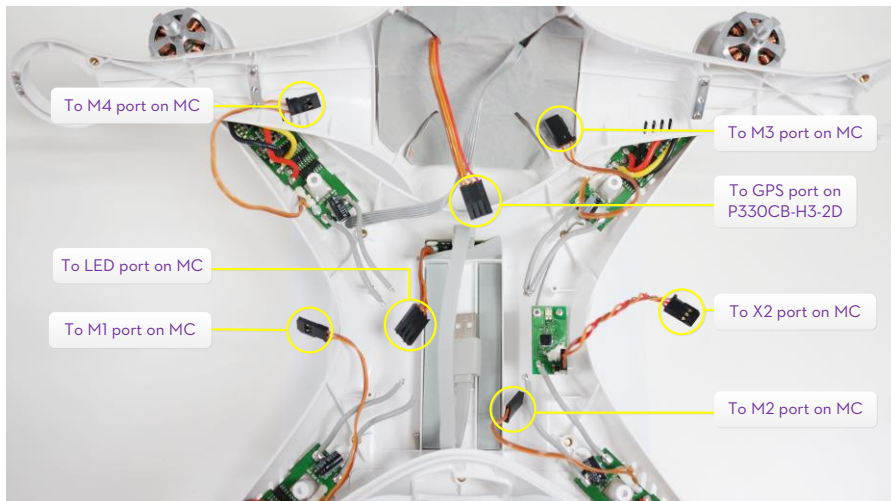


Fig.3 Original center board is disassembled

4. Disassemble the original LED Board, assemble the new LED Board

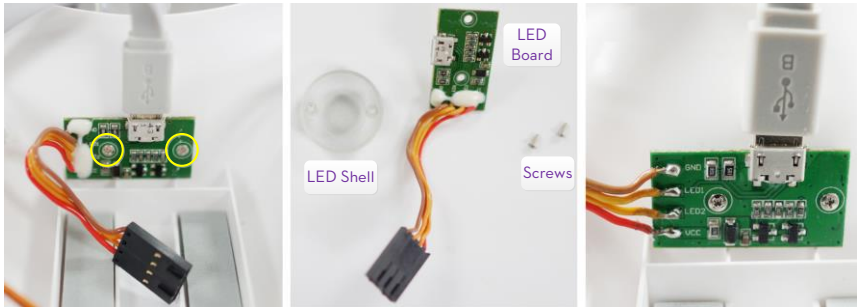


Fig.4 Replace the LED Board

5. Assemble P330CB-H3-2D

- (1) Remove the MC from the original center board and assemble the MC on P330CB-H3-2D Board with 3M fixing pad, make sure the MC is assembled in the direction shown below.
- (2) Assemble the P330CB-H3-2D Board with screws(D1-D4).
- (3) Solder the ESC cables to the P330CB-H3-2D Board as VCC to V and GND to G.
- (4) Connect the cables to the MC then tidy and check the final connections.

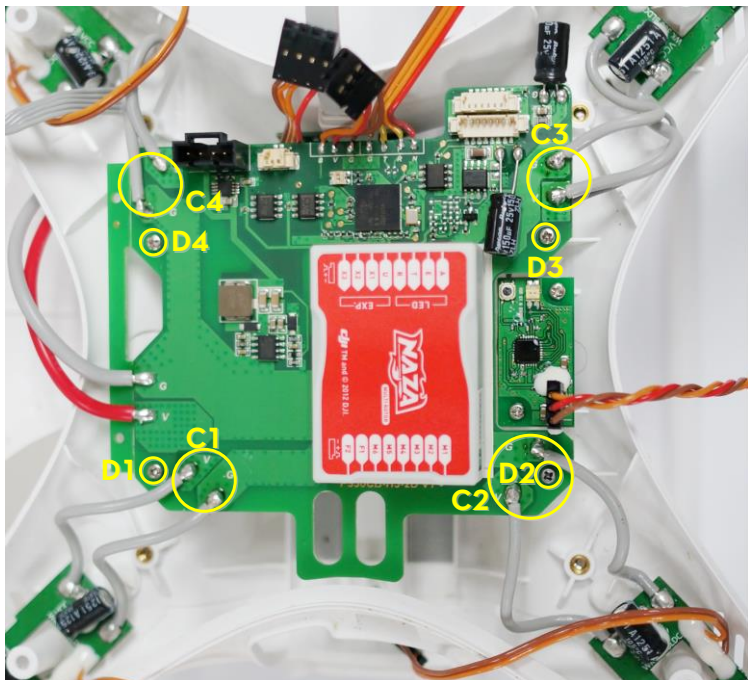


Fig.5 Assemble and solder

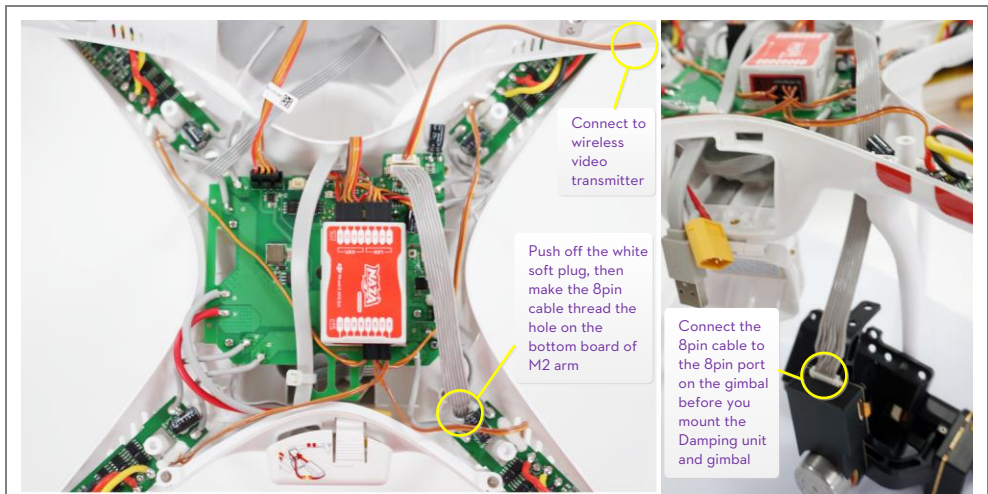


Fig.6 Final connections

6、 Reassemble the covers and propellers, please make sure the cover points to the right nose direction and the rotating marks on propellers are in accordance with the marks on the cover.