

关于 DP PAD3 换板维修方法

How to Replace the KeyMaster G3 Board for Repair



拆机：

第一步：

1. 把胶套取出；
2. 用电批把固定的内六角螺丝松开取出螺丝。

Disassembly

Step 1:

- a. Remove the rubber case.
- b. Use a screwdriver to loosen and remove the hex socket screws.



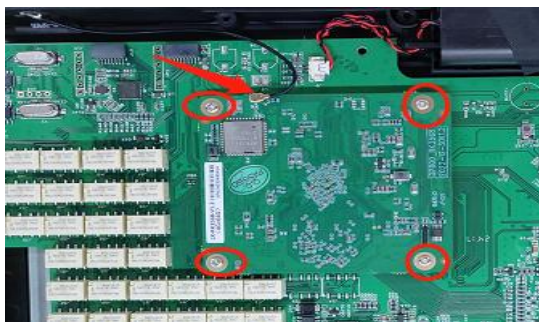
第二步：打开后壳，用手压住电池连接线反扣，拔出电池连接线。

Step 2: Open the back cover and press down on the battery connector clip with your hand, then pull out the battery connector.



第三步：拔出箭头标处天线，用电批把安卓板固定螺丝松开，取出安卓板。

Step 3: Remove the antenna marked by the arrow. Use a screwdriver to loosen the screws securing the Android board and remove the Android board.



第四步：把屏排线处醋酸布撕开，取出液晶屏和 TP 屏线，拔掉喇叭线，用电批把固定主板螺丝，固定线圈螺丝松开取出主板、线圈。

Step 4: Peel off the acetate tape at the screen flex cable connection. Remove the LCD screen and TP (touch panel) cable, and unplug the speaker cable. Use a screwdriver to loosen the screws securing the mainboard and the coil, then remove the mainboard and the coil.

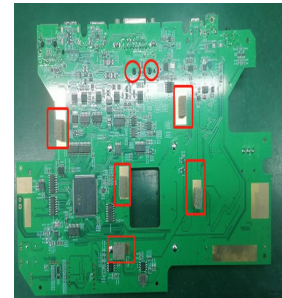
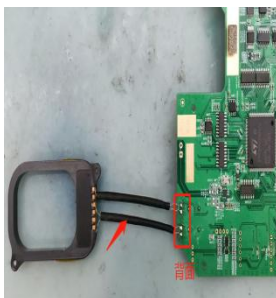


第五步:

1. 用烙铁温度设置在 $350 \pm 10^\circ$ 把线圈拆焊掉取出线圈;
2. 拔掉摄像头排线用电批把摄像头固定螺丝松开, 取出摄像头;
3. 把导电棉底部粘胶处撕开取出 (如更换的新主板有贴导电棉则不需要撕, 导电棉撕开容易损坏, 请注意!) 拆机完成。

Step 5:

- a. Set the soldering iron temperature to $350 \pm 10^\circ\text{C}$ and desolder the coil to remove it.
- b. Unplug the camera flex cable and use a screwdriver to loosen the screws securing the camera, then remove the camera.
- c. Peel off the adhesive at the bottom of the conductive foam and remove it. (If the new mainboard comes with conductive foam already attached, this step is not necessary. Be careful when peeling off the conductive foam as it can easily be damaged.) Disassembly is complete.



装机:

第一步:

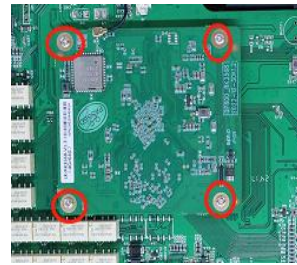
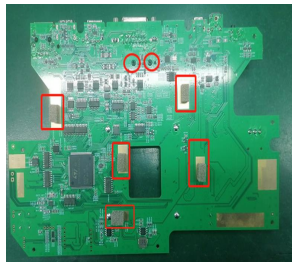
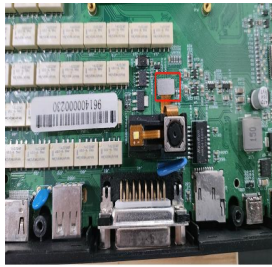
1. 拿新主板, 把摄像头装上, 锁好螺丝固定, 把摄像头排线插好;
2. 贴上导电棉;
3. 把安卓板插好锁上螺丝固定。

Installation

Step 1:

- a. Take the new mainboard, install the camera, secure it with screws, and connect the camera flex cable.
- b. Attach the conductive foam.

- c. Insert the Android board and secure it with screws.



第二步:

1. 用烙铁温度设置在 $350 \pm 10^\circ$ 把线圈焊上;
2. 把屏排线理出在装主板位置外, 将主板对好外壳接头处, 要在没完全装下的时候把线圈装上 (避免应力拉扯, 拉断线) 最后对准接口装上主板。

Step 2:

- a. Set the soldering iron temperature to $350 \pm 10^\circ\text{C}$ and solder the coil.
- b. Keep the screen flex cable clear of the area where the main board will be installed. Align the mainboard with the housing connectors, and ensure the coil is installed before fully securing the mainboard to avoid pulling the wires and causing damage. Then, install the mainboard.



第三步:

1. 用电批把主板螺丝锁上固定;
2. 把线圈支架锁上螺丝固定;
3. 插上液晶屏排线、TP 排线 (白色线条处朝上), 插好后在排座与排线处分别贴上醋酸胶布;
4. 插上喇叭线, 扣好天线。

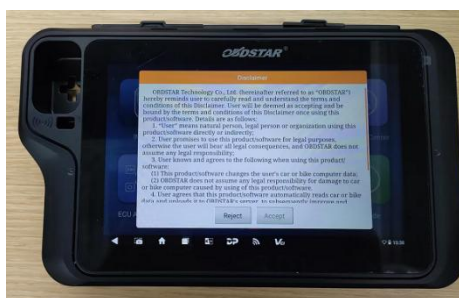
Step 3:

- a. Use a screwdriver to secure the mainboard with screws.
- b. Secure the coil bracket with screws.
- c. Connect the LCD screen flex cable and the TP flex cable (with the white line facing up). After connecting, apply acetate tape to both the connector and the flex cable.
- d. Connect the speaker cable and secure the antenna.



第四步：插上电池连接线，装上底壳，按开机键开机，开机正常更换主板 OK。

Step 4: Insert the battery connector, reassemble the back cover, and press the power button to turn on the device. If it starts up normally, the replacement is successful.



第五步：用电批把底壳锁上螺丝，装好胶套，更换完成。

Step 5: Use a screwdriver to fasten the screws to the back cover, and put the rubber case back on. The replacement is complete.



注意：

1. 如果您更换安卓主板后，无法开机或有其他异常，请联系售后人员。，需要提供您的设备序列号信息
2. 如果您更换显示屏后，显示异常，请联系售后人员，需要提供您的设备序列号信息
3. 当您需要更换 VCI 主板时，请联系经销商同步您的账户信息，需要提供新旧 VCI 主板序列号

Note:

1. If you cannot boot or have other abnormalities after replacing the Android motherboard, please contact after-sales. You need to provide your device serial number;
2. If the display is abnormal after replacing the display screen, please contact after-sales and provide your device serial number;
3. When you need to replace the VCI motherboard, please contact the dealer to synchronize your account information and provide the serial numbers of the new and old VCI motherboards

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