NOTE:

Vintage Mamba, Gladiator Pro don't need any changes inside base. Skip to 7-8.

Black Mamba don't need to install adapter PCB. Skip to 5-4.

North America

https://vkbcontrollers.com/

Europe

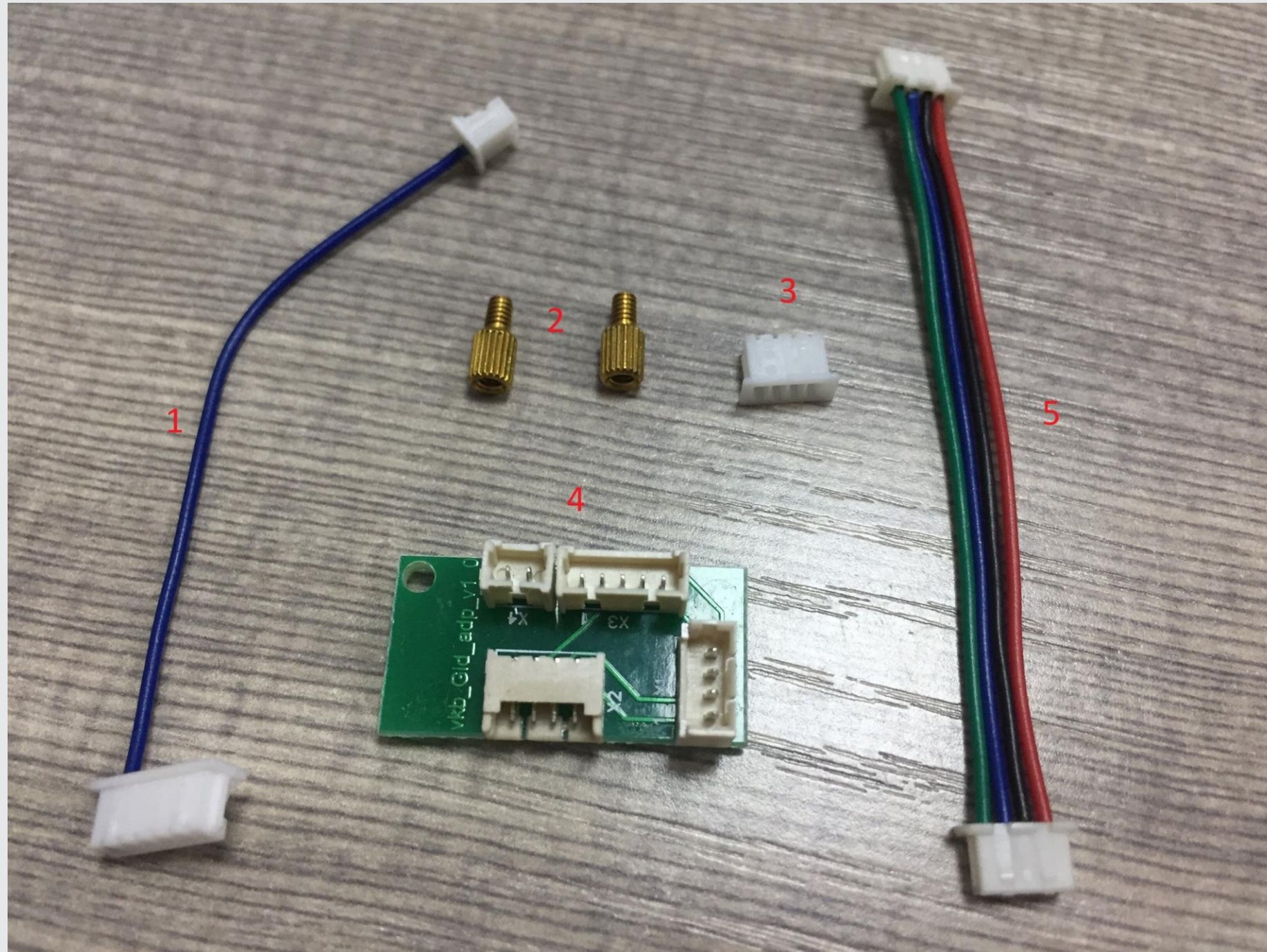https://flightsimcontrols.com/

Russia

http://vkb-sim.pro/

Mamba w/ MCG Pro

QUICK GUIDE

2

Kit includes:

1. 6-pin to 2-pin connector.

2. 2 copper screws.

3. 4-pin plug for Black Mamba only.

4. Adapter PCB.
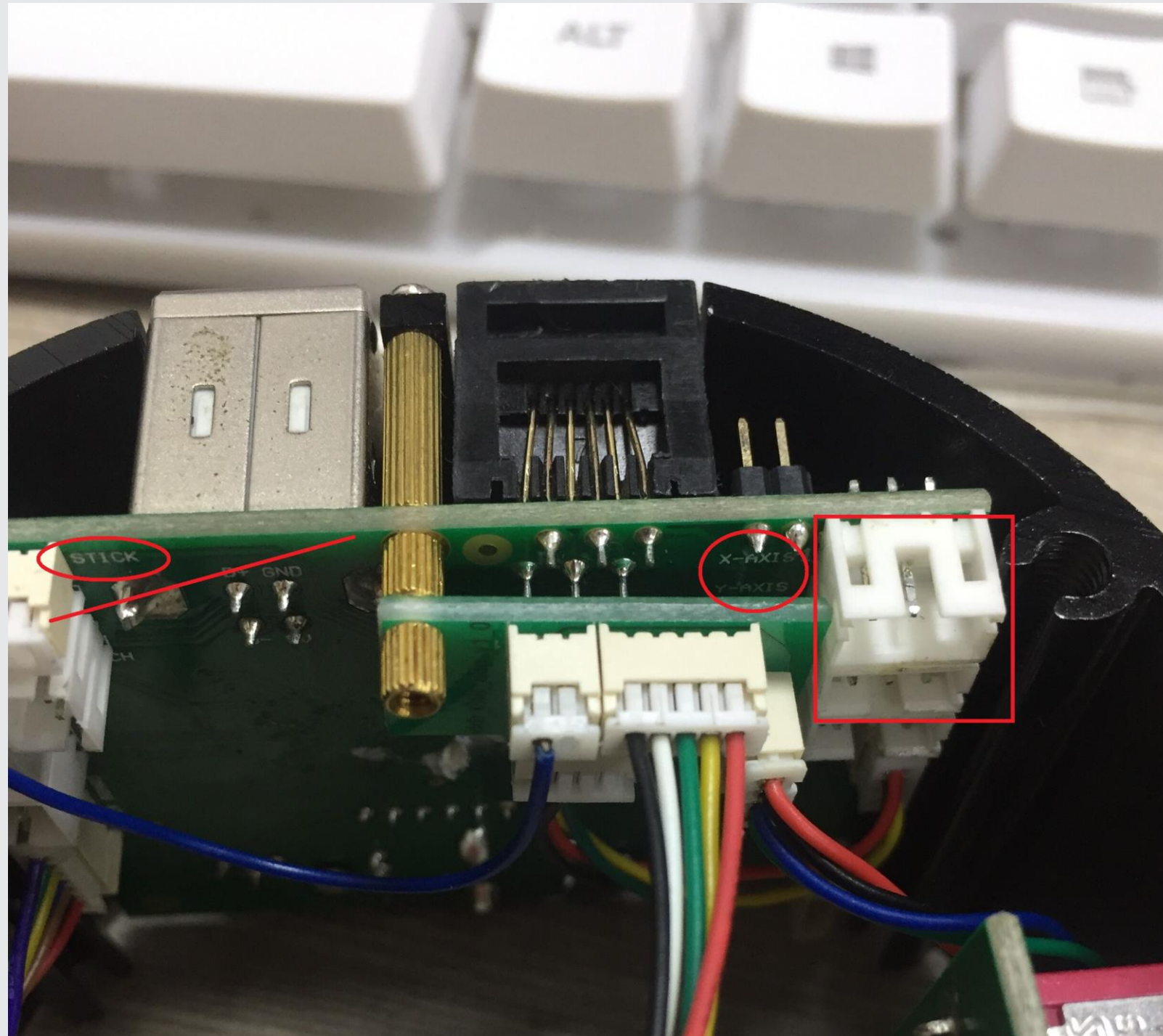
5. 4-pin connector.

6. MCG Pro with 5-pin connector.

3

Disassembling:

1. Remove the screws and take out the base plate.

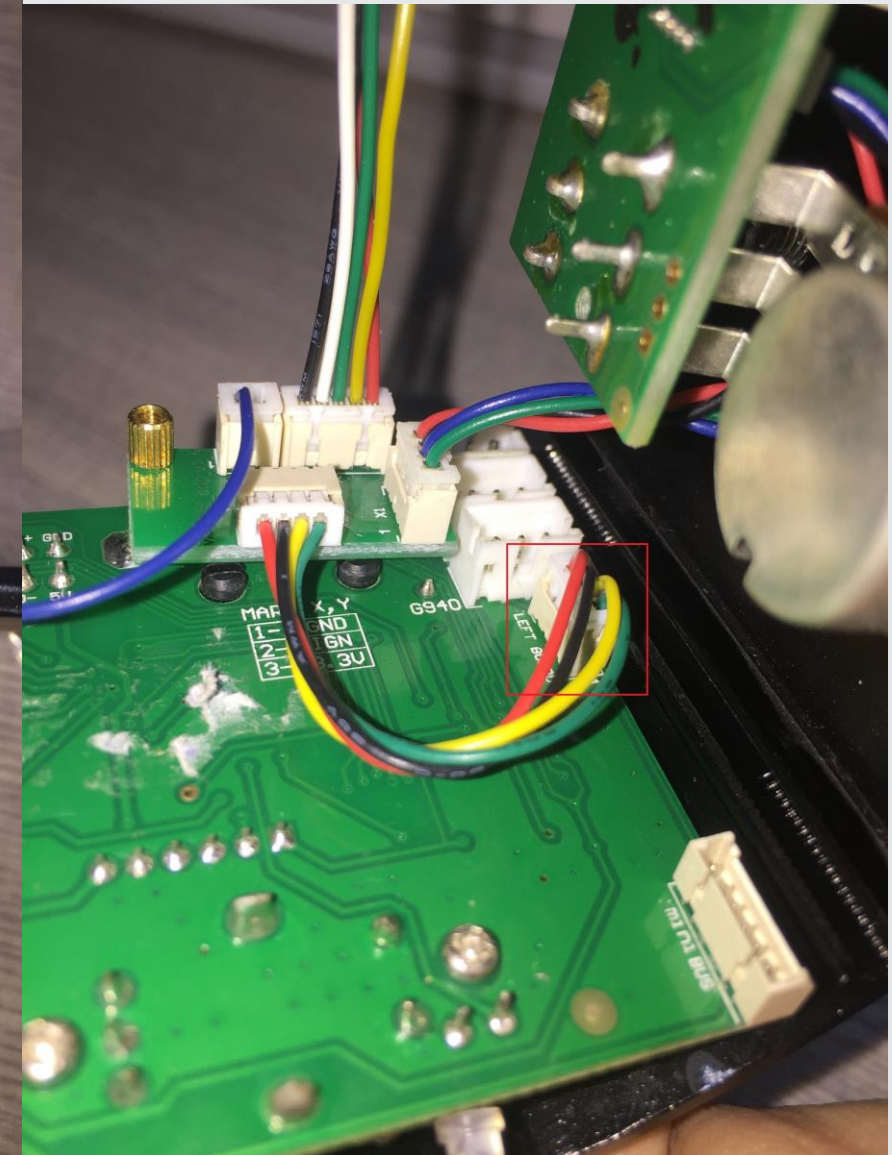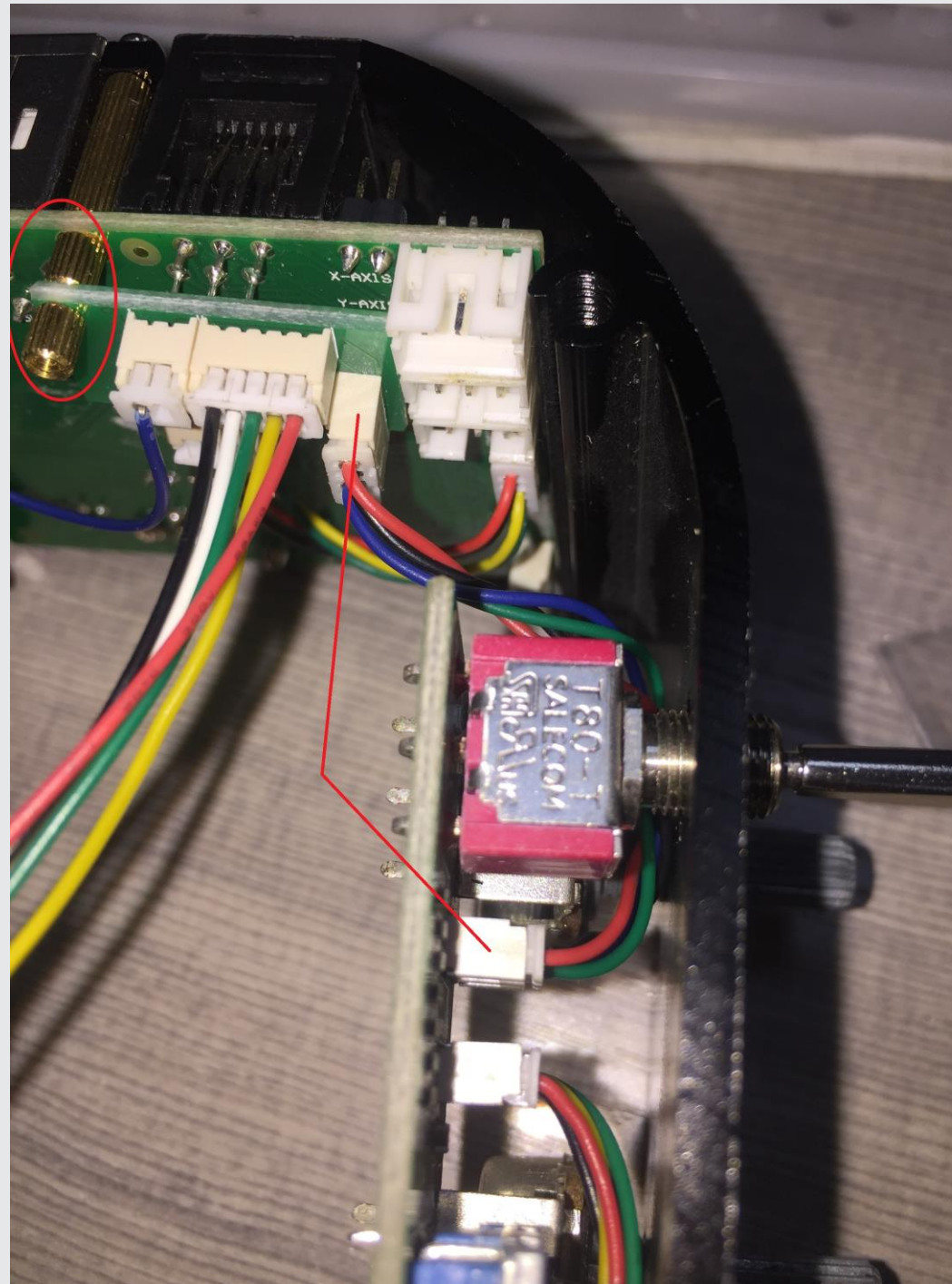2. Disconnect X-AXIS, Y-AXIS, WARTHOG connectors and remove the gimble.

4

Installation:

1. Install the adapter PCB and fix it with copper screws.

2. Connect the 4-pin connector which is disconnected from LEFT BOARD socket to adapter PCB. Connect as the picture shows on the left.

3. Take the 4-pin connector, connect LEFT BOARD socket and adapter PCB. Connect as the picture shows on the right.
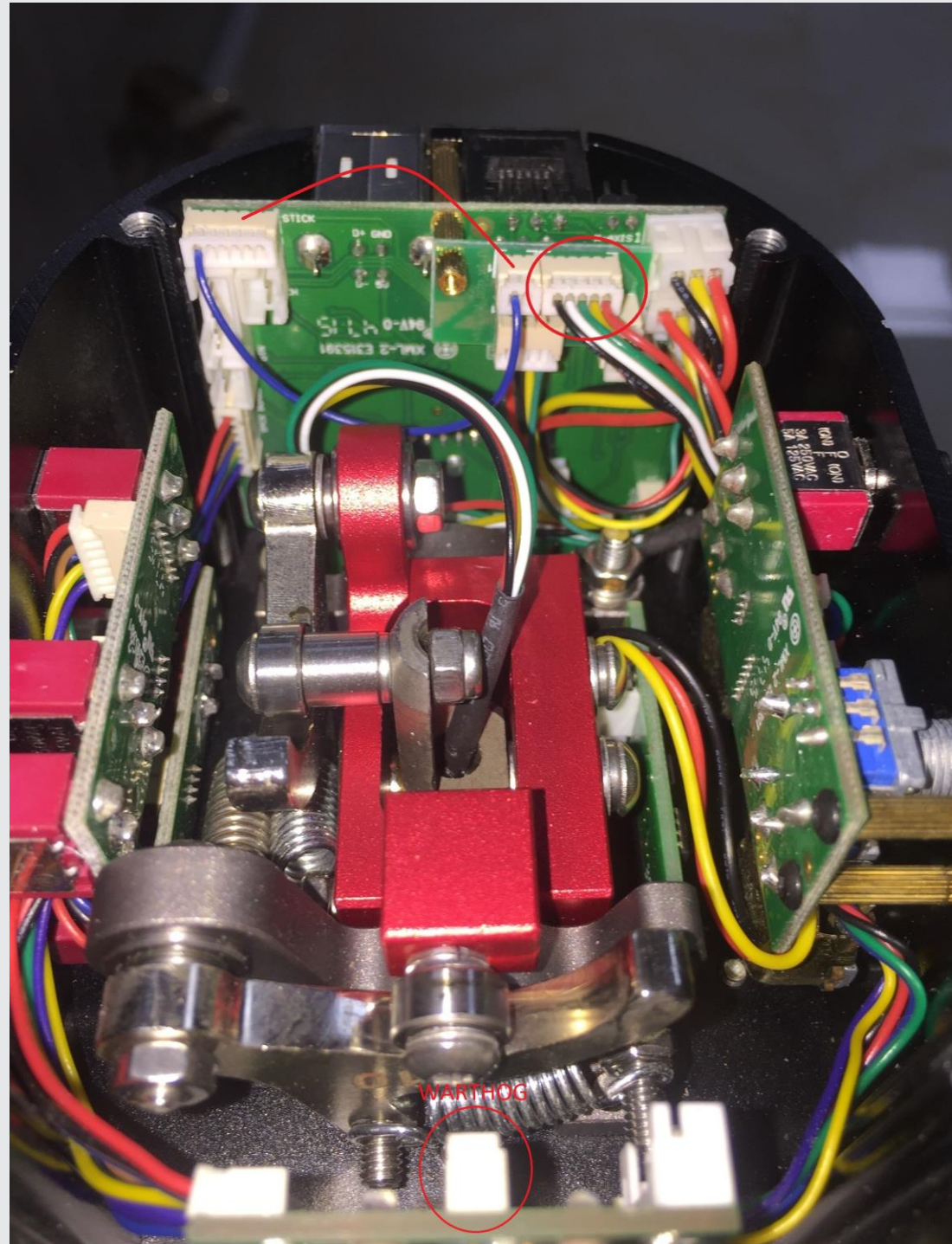
NOTE: Please double check 4-pin connectors, must connect as pictures shows.

5

4. Take the 6-pin to 2-pin connector, connect STICK socket and adapter PCB.

   For Black Mamba, replace the 6-pin plug with 4-pin plug.

5. Install the gimble and connect its 5-pin connector to adapter PCB. And connect X-AXIS, Y-AXIS connectors.
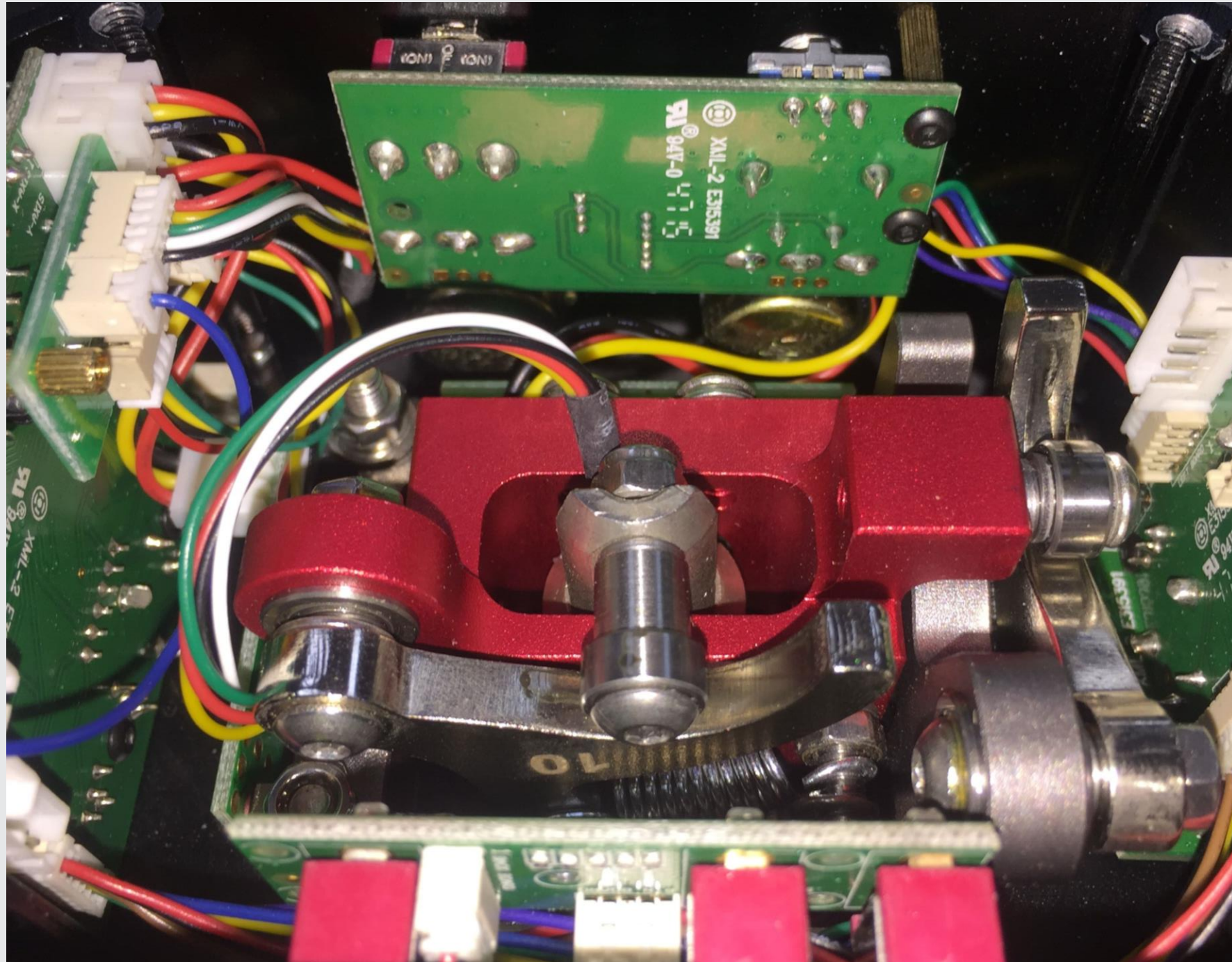
6

Assembling:

6. Arrange cables and make sure it won't go into any gaps.

7. Check every cables and plugs, make sure it's in correct position and connect well.

8. Connect the connector of grip, then install the grip and tighten it.

9. Download VKBDevCfg (v0.90.3.5) and firmware for Mamba w/ MCG Pro.

   For Gladiator Pro, download Gl_MCG_MCG-Pro_v1_94_B.

NOTE: Please check the latest firmware on our websites.

10. Load the firmware and calibrate your stick.

11. Check your stick. If everything is OK, install the base plate.

12. You are cleared for takeoff，have a nice flight.