

INSTRUCTION MANUAL

Jump Misfire Prevention Switch PCB

Model XTP-M3L1 · Type A (XTP-M3L1-A) and Type B (XTP-M3L1-B)

Sanwa JLF

Sanwa JLX

Sanwa JLX2

This PCB is designed to reduce accidental jump inputs while keeping the familiar clicky feel of a standard microswitch. It uses an adjustable-activation switch specifically for the jump input.

Compatible with Sanwa joysticks of the **JLF**, **JLX** and **JLX2** series.

There are two possible mounting positions for the adjustable switch. Please check which type your fight stick uses before purchasing (section 1). After installation, adjust the switch as described in section 3.



XTP-M3L1-A

Switches included

● Adjustable-position switch (yellow)

The same model found in the silent joystick (JLX2-TPML-8YT-SK) and the PCB equipped with micro-leaf switches (TPML-MA).

● Three standard switches (red)

Standard models for the other directions.

Note on the PS pipe

If you replace the PS pipe (JLF-P-) with the blue or red versions, please be aware that their design makes accidental inputs more likely.

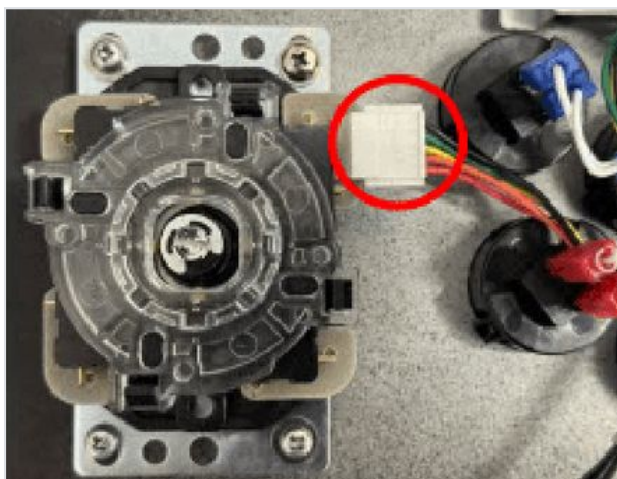
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1 How to identify your PCB type

Open your fight stick and look at the joystick from the back, with the buttons on the right side. The position of the joystick harness tells you which type you need.

TYPE A Joystick harness on the right · XTP-M3L1-A

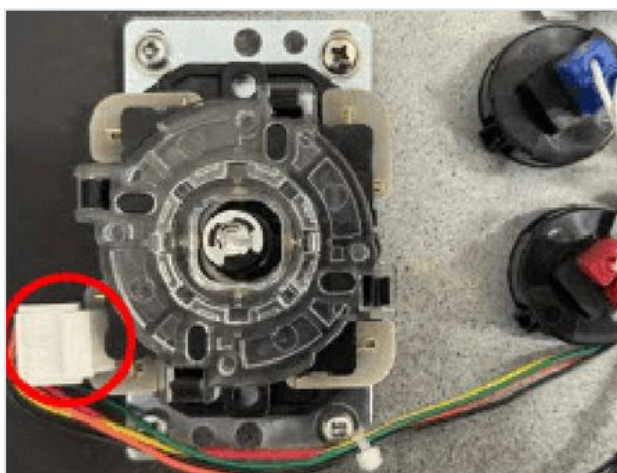


Joystick seen from the back

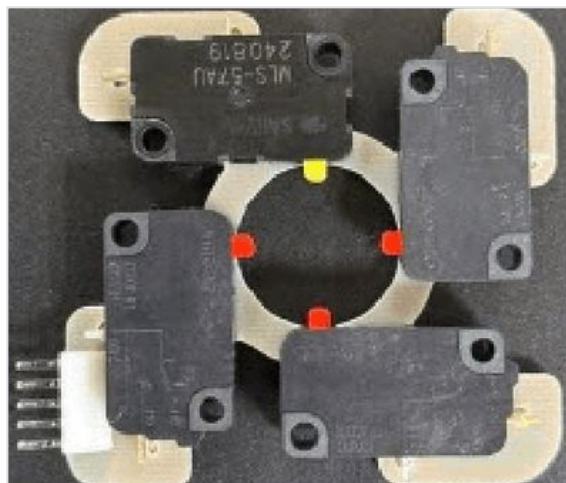


PCB XTP-M3L1-A

TYPE B Joystick harness on the left · XTP-M3L1-B



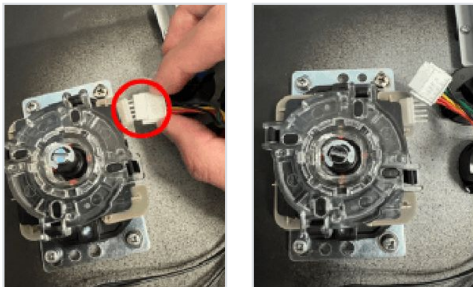
Joystick seen from the back



PCB XTP-M3L1-B

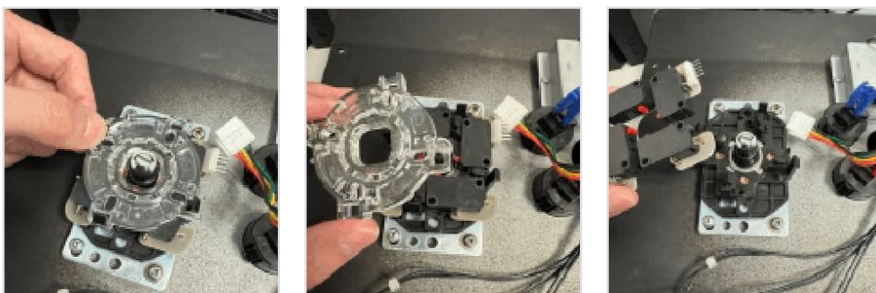
2 Switch PCB replacement procedure

- 1 Disconnect the harness attached to the lever.

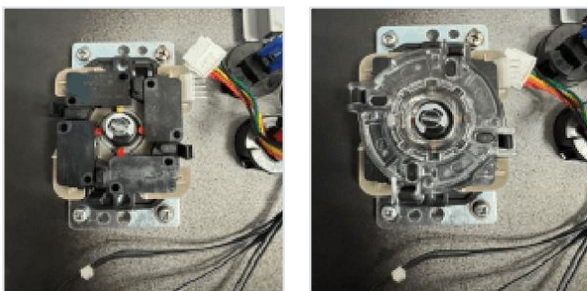


- 2 Remove the clear guide plate, then lift off the old PCB.

The PCB comes off simply by lifting it upward.



- 3 Attach the new PCB in the same orientation as the old one, and reinstall the guide plate.



- 4 Finally, reconnect the harness to complete the process.

Caution: be careful not to plug in the harness upside down.



3 Switch adjustment for jump inputs

If you want to reduce jump misfires, turn the yellow dial on the switch (photo 1) anticlockwise until it matches the position shown in photo 2.



Starting position of the dial



Recommended position

Tool

No adjustment tool is included. A flathead screwdriver works best.

Remember

Make this adjustment after installing the PCB. If you fit the blue or red PS pipe (JLF-P-), accidental inputs become more likely.