Disassembly & Inspection procedure for joystick on handrail

A. Tools:

a. Cross Screwdriver b. Multimeter.

B. Disassembly procedure:

a. Release and remove handrail end cover fixed screw and end cover, as fig-1.
b. Release and remove handrail end cover (interior) fixed screw, as fig-2.
c. Release and remove handrail up cover (interior) fixed screw, as fig-3.
d. Open and remove the plastic cover (yellow) for the switch of joystick. As fig-4.
e. Release and remove joystick up cover (yellow) fixed screw and the cover (2pcs), as fig-5,6,7.
f. Take out the plastic up cover of the handrail, as fig-8.
g. Release and remove the fixed screws (4pcs) on the switch of joystick, as fig-9,10.
h. Connecting cables inside can be seen by pulling up a bit, as fig-11.

C. Inspection procedure:

Ⅰ Set Multimeter to Ohm mode, and place probes on a-b as fig -11.
[*Note: a-b: Red-Black wire end].

Ⅱ. When joystick is not pressed, the joystick does not touch the Limit Switch and reading should be greater than 0 Ohm to indicate open circuit as fig -12.

Ⅲ. When joystick is pressed, joystick will touch the Limit Switch and reading should be 0 Ohm which means short circuit as fig-13.

Ⅳ. If the inspection results do not match II. / Ⅲ., replace the Limit Switch.

[*Note: Same inspection is applicable for Limit Switch B].



(fig-1)



(fig-2)



(fig-3)



(fig-4)



(fig-5)



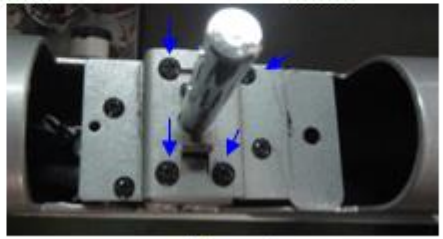
(fig-6)



(fig-7)



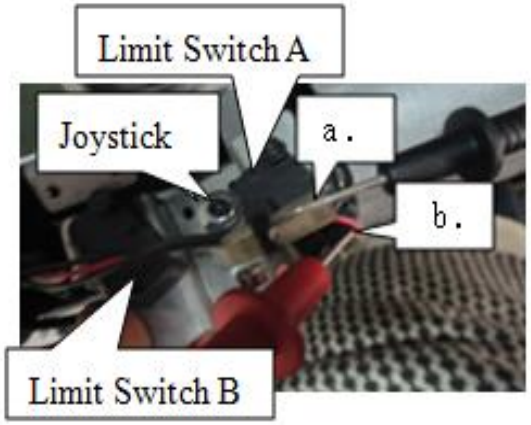
(fig-8)



(fig-9)



(fig-10)



(fig-11)



(fig-12)



(fig-13)