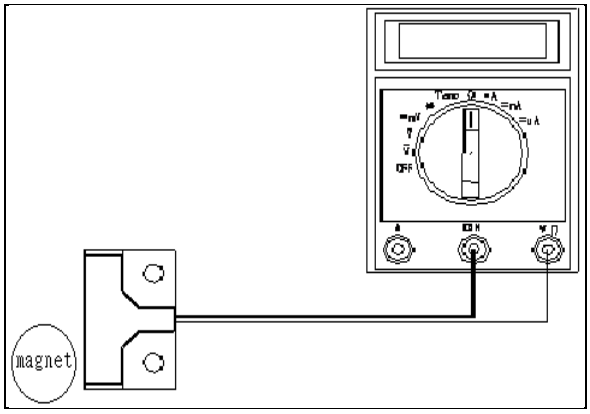
Err 1 (*E1) definition：

(1.) MCB or AC (main) motor operate normally.

(2.) The treadmill does not read the speed feedback.

一.Reed switch inspection (Speed sensor):

Display Diagram.



Testing Procedure: magnet

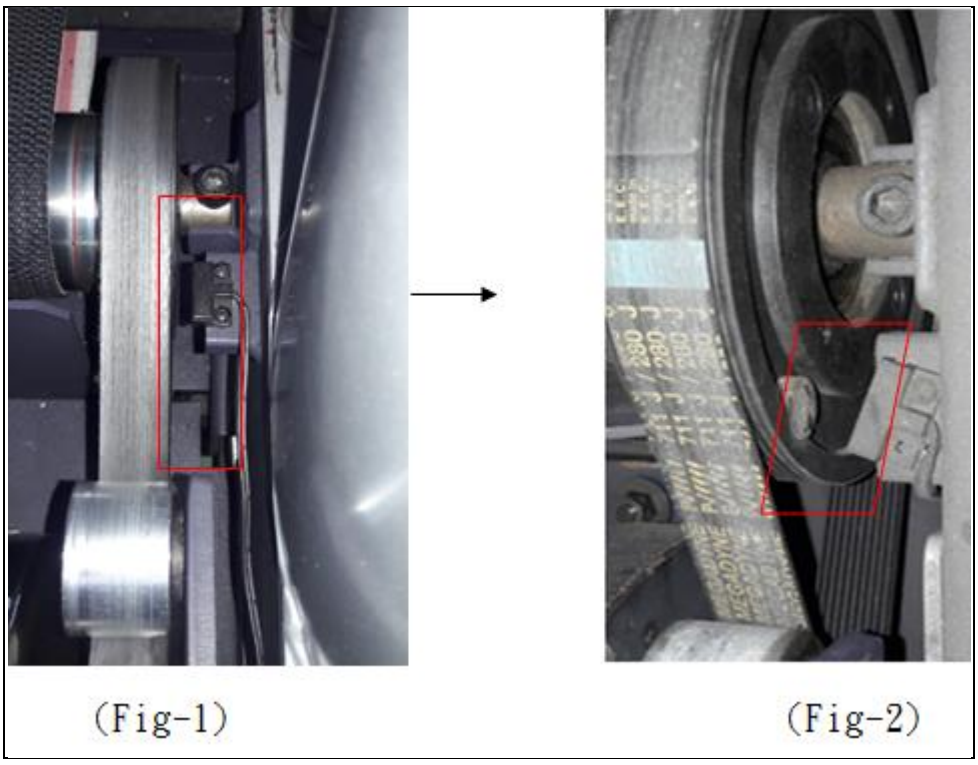
1. Set multimeter to Ohm mode, place probes on terminal of the magnetic spring switch, place on the magnets, The reading should be less than 1 Ohm. Then remove the magnets, it should be no reading on the multimeter.

2. If testing result is not match above description, replace a new speed sensor.

二. How to inspect the function of speed sensor?

2.1 Loose the speed sensor screw, and adjust the distance between the sensor and magnet (The distance should be 5~8mm).

The magnet should close to side of the speed sensor, not mid point (as fig-2). Make sure all setup, and tighten up screws.



(Fig-1) (Fig-2)

2.2 Test the Reed Switch(*Speed Sensor)by replacing it.