

# Monitor and Sensor Trouble Shooting Guide

*This document applies to E316 and VX-2 Rowers*



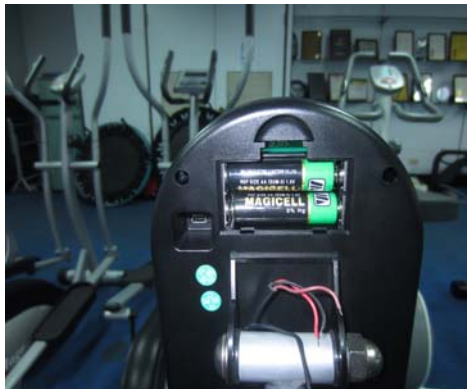
## Basic Checks

1. Monitor Displays Nothing
  - Check batteries and replace if necessary
2. Abnormal Readings
  - Monitor Display is normal but readings do NOT update when exercising
  - Monitor readings fluctuate, i.e. are not consistent, during exercise
  - Monitor displays 59:59 for 500mTime (Rowers Only)

*These symptoms indicate an issue with either the speed sensor assembly or the wiring between sensor and monitor. To resolve the issue follow the step-by-step instructions below until normal function resumes.*

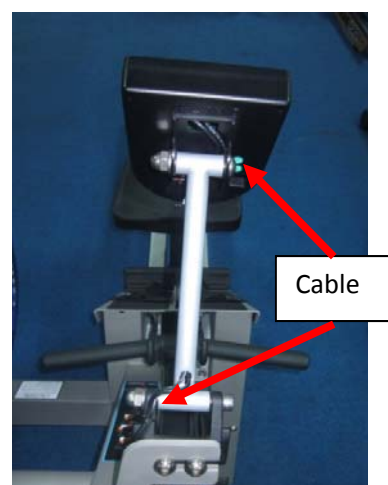
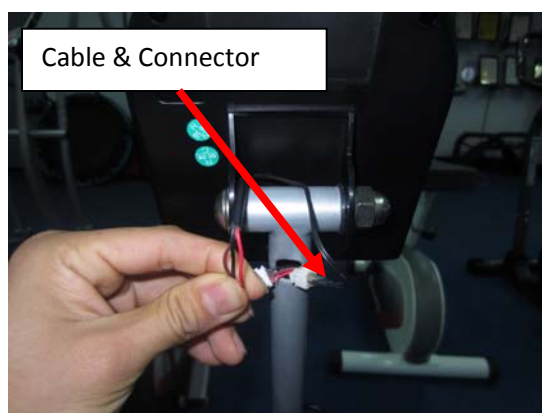
## Troubleshooting

STEP 1: Remove and replace batteries



STEP 2: Check Sensor Connector at rear of Monitor

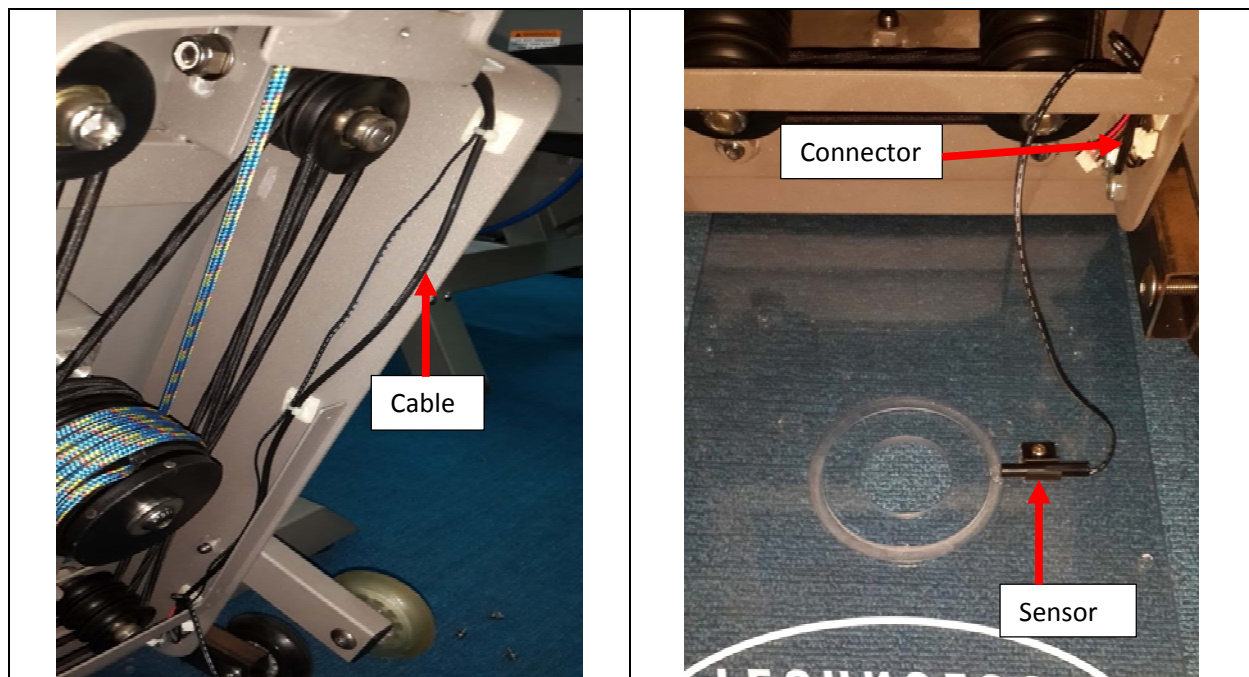
- Disconnect and re-connect the sensor cable.
- Check for obvious sensor cable damage.
- Re-test monitor input before proceeding



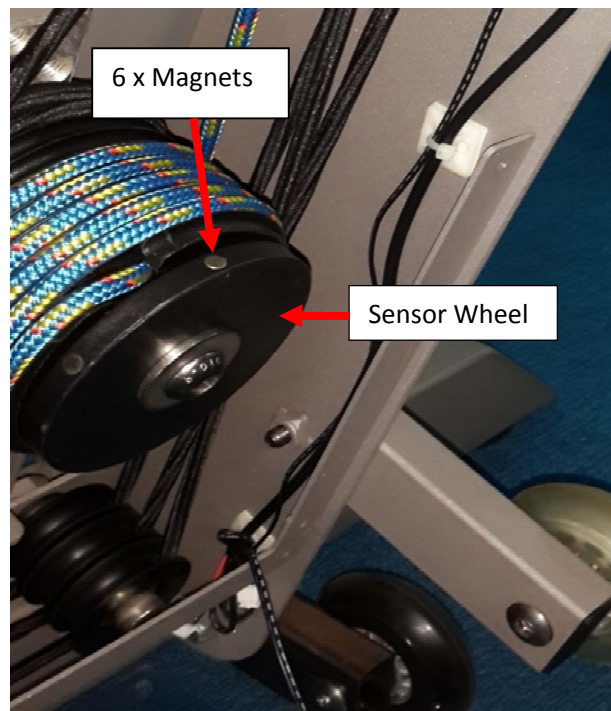
STEP 3: Remove the Rear cover



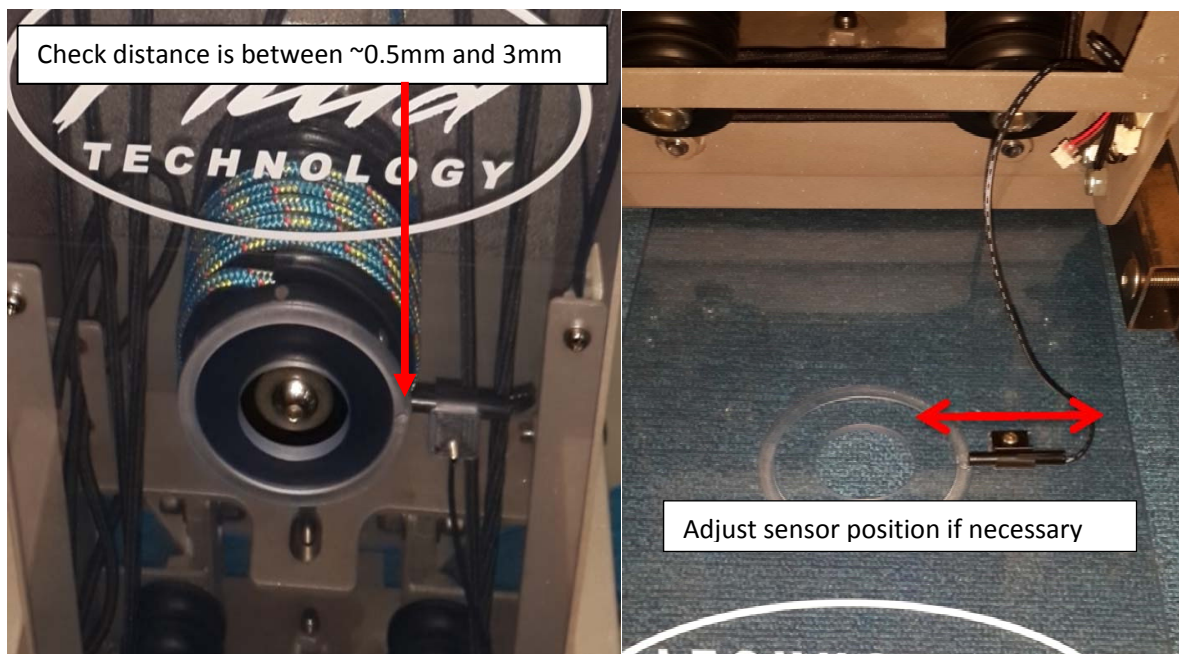
STEP 4: Check cabling, connectors and Sensor for correct fit or damage.



STEP 5: Check the 6 Magnets on the Sensor Wheel

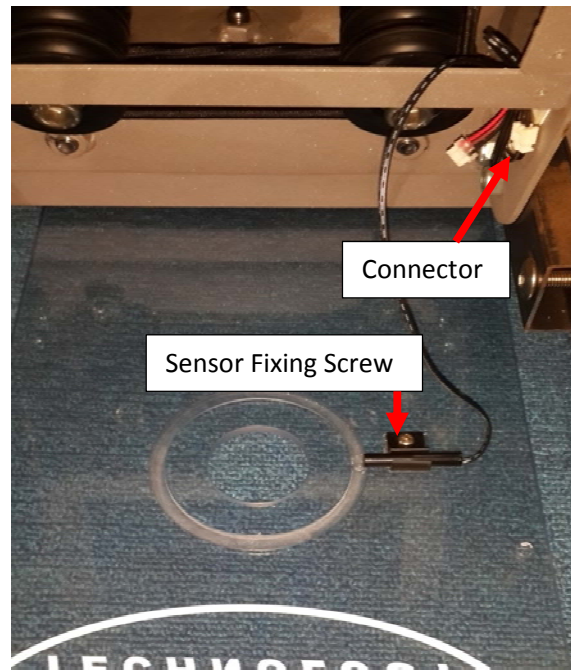


STEP 6: Temporarily replace rear cover and check sensor/sensor wheel gap is between  $\sim 0.5$  and 3mm. Closer is better. Adjust if necessary.



#### STEP 7: Sensor Replacement

1. Disconnect and remove old sensor
2. Install and connect new sensor
3. Adjust sensor/sensor wheel gap accordingly
4. Reinstall rear cover



#### STEP 8: Replacing the Monitor (last resort)

1. Disconnect the connectors at the rear of the monitor
2. Remove the securing nut and bolt from the monitor support stalk
3. Replace with new monitor
4. Re-install securing nut and bolt
5. Re-connect both connectors

