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## ELECTRONIC TROUBLESHOOTING

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### 1. PROBLEM: The LCD shows no display

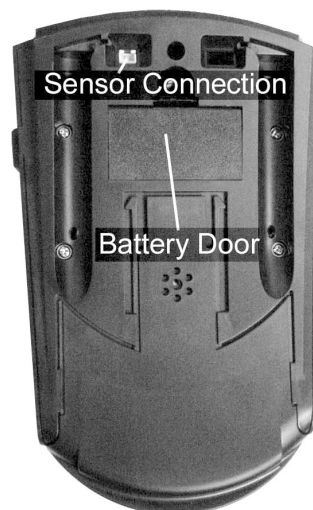
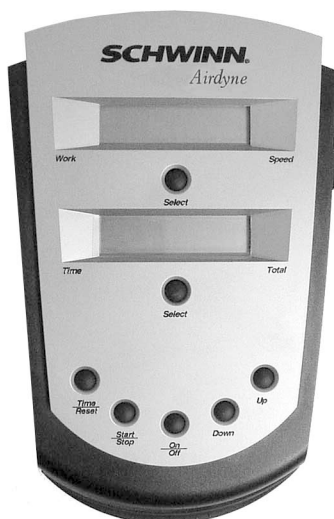
- SOLUTION:**
- Make sure the batteries are seated properly, installed correctly (+/-), and the correct voltage.
  - Check the battery contacts for oxidation or corrosion.
  - Check all connections.
  - Inspect the cable for breaks or bad connections.
  - If all of the above are ok, replace the computer.

**NOTE:** We have seen a number of PC boards damaged by use of mounting screws other than those supplied with the unit. This is not a manufacturer's defect and does not qualify for warranty replacement.

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### 2. PROBLEM: The computer will not start

- SOLUTION:**
- Replace the batteries.
  - Make sure the gap between the sensor and the fan wheel magnet is between 2 and 4mm. If the gap is correct, see step c.
  - If no signal is received by the computer, use a multimeter to check the continuity of the sensor and then the sensor wire. If both the sensor and wire are functioning, replace the computer

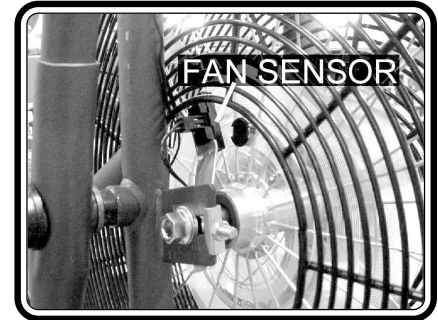




## ELECTRONIC TROUBLESHOOTING (continued)

### 3. PROBLEM: No RPM reading

- SOLUTION:**
- Check all connections.
  - Without removing the wire, remove the sensor from the mounting bracket and pass a hand held magnet over the surface of the sensor. If a signal is received by the computer, remount the sensor and make sure the gap between the flywheel magnet and the sensor is between 2 and 4mm.
  - If no signal is received by the computer, use a multimeter to check the continuity of the sensor and then the sensor wire. If both the sensor and wire are functioning, replace the computer



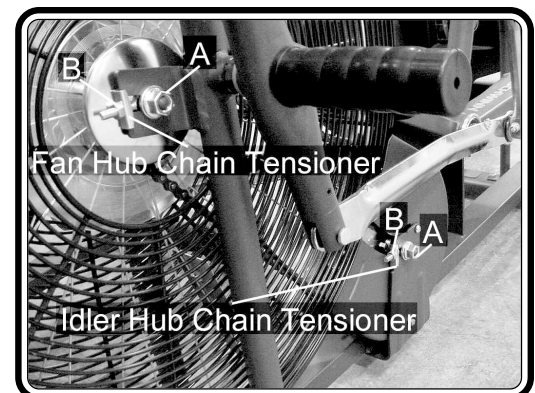
### 4. PROBLEM: Computer does not read properly

- SOLUTION:**
- Check all connections.
  - Make sure local sea level elevation is entered. Press and hold the upper select button for fifteen seconds then use up button to increase the elevation to the proper level. Press select to exit.

## MECHANICAL TROUBLESHOOTING

### 1. PROBLEM: If you have vibration

- SOLUTION:**
- Reduce belt tension by first loosening the axle nuts ( A ) and then loosening the tensioner nuts ( B ).
  - Check the hub for loose races or a rough bearing.





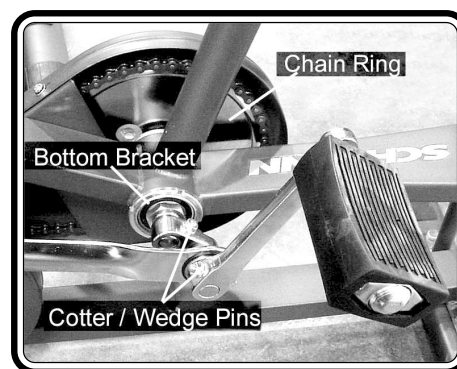
## MECHANICAL TROUBLESHOOTING (continued)

### 2. PROBLEM: If you have squeaking, tapping or rubbing noises

- SOLUTION:**
- See if the fan is rubbing the cage.
  - Check chain tension device.
  - Lube chain.
  - Lube pivot points.
  - Align the belt using the fan tensioner.
  - Check all bearings for binding or play.

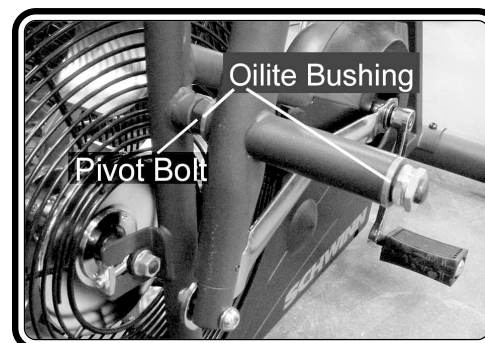
### 3. PROBLEM: Pedals feel loose

- SOLUTION:**
- Make sure the pedals are tightly screwed into the crank arms.
  - Make sure the crank bolts on both crank arms and eccentrics are tight.
  - Make sure the square tapered extensions are tightly bolted to the eccentrics.
  - Make sure the square openings in both the crank arms and eccentrics have not been rounded out. This problem is caused when the bike has been ridden with loose arms.
  - Make sure the the bottom bracket is tight in the frame and bearings operate smoothly.



### 4. PROBLEM: Lever arm feels loose

- SOLUTION:**
- Check Oilite bushing for excessive wear.
  - Tighten the pivot bolt to eliminate play.
  - Check threads on pivot bolt.
  - Look for cracks on frame at pivot area.





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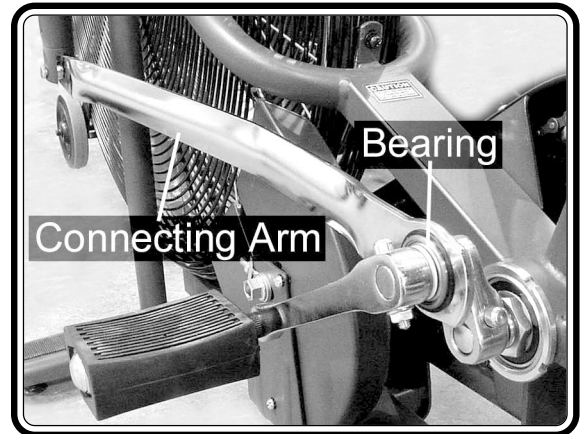
**MECHANICAL TROUBLESHOOTING (continued)**

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**5. PROBLEM:** Connecting arm feels sloppy or loose

- SOLUTION:**
- a. Check the bearing for excessive play.
  - b. Add another spacer to connection at the eccentric.



**NOTES**

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**FOR MORE DETAILED INFORMATION CONTACT  
TECHNICAL SUPPORT AT 1-800-864-1270**