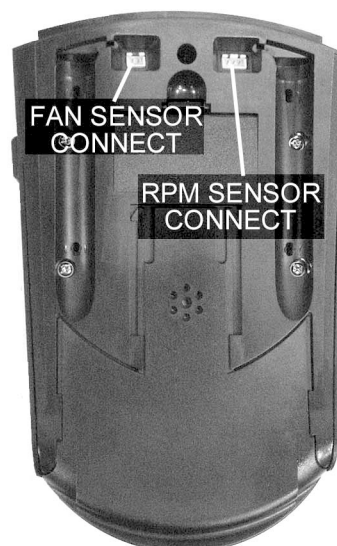

ELECTRONIC TROUBLESHOOTING

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.



ELECTRONIC TROUBLESHOOTING (continued)

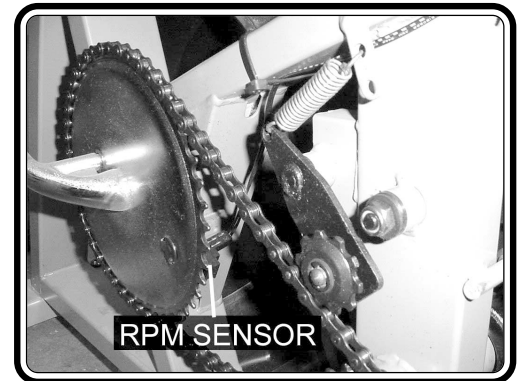
2. PROBLEM: The computer will not start

- SOLUTION:**
- Replace the batteries.
 - Make sure the gap between the sensor and the fan wheel magnet is between 2 and 4mm.
 - If 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



3. PROBLEM: No RPM reading

- SOLUTION:**
- Make sure the gap between the sensor and the chain ring magnet is between 2 and 4mm.
 - Inspect the sensor wire for any breaks.
 - Check all connections.



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 ten seconds then use up button to increase the elevation to the proper level. Press select to exit.

MIECHANICAL TROUBLESHOOTING

1. PROBLEM: Shifter is hard to turn

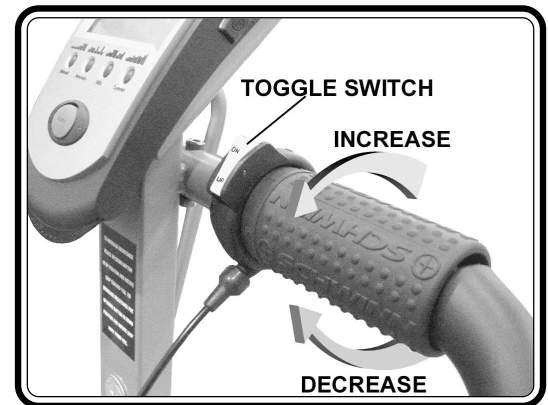
SOLUTION: a. Make sure the shifter is working properly.

Proper shifting -

As you increase resistance from 1st to 5th gear by pressing UP on the toggle switch and rotating the shifter, you should feel a click or “index” for each gear. As you decrease resistance by pressing DN on the toggle switch, the shifter should return smoothly back to 1st with no indexing.

NOTE: *You must be pedaling while shifting.*

- b. Check cable housing for any tight bends or damage.
- c. Lubricate or replace inner cable.



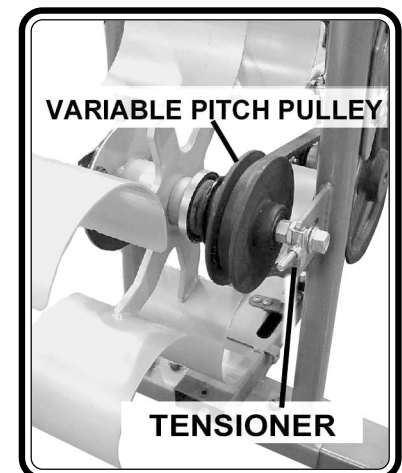
2. PROBLEM: Shifter slips into first gear

SOLUTION: a. Make sure the toggle switch pin is centered in the shifter housing.

2. PROBLEM: Will not shift into 5th gear

SOLUTION: a. Belt is too tight, which causes the variable pitch pulley to reach its limit before the shifter is in 5th. Reduce the belt tension by adjusting the fan tensioners.

- b. Cable may need to be tightened or loosened until 5th gear is reachable.





MIECHANICAL TROUBLESHOOTING (continued)

3. PROBLEM: Belt slips while in 5th gear

SOLUTION: Variable pitch pulley is not hitting its maximum position.

- a. Increase the belt tension by adjusting the fan tensioners.
- b. Tighten the cable until belt stops slipping.

4. PROBLEM: If you have vibration

SOLUTION: a. Reduce belt tension by adjusting the fan tensioners.

- b. Check all bearings for binding or play.

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

SOLUTION: a. See if fan is rubbing cage.

- b. Lube chain.
- c. Lube pivot points.
- d. Align the belt using the fan tensioner.
- e. Check all bearings for binding or play.

NOTES

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