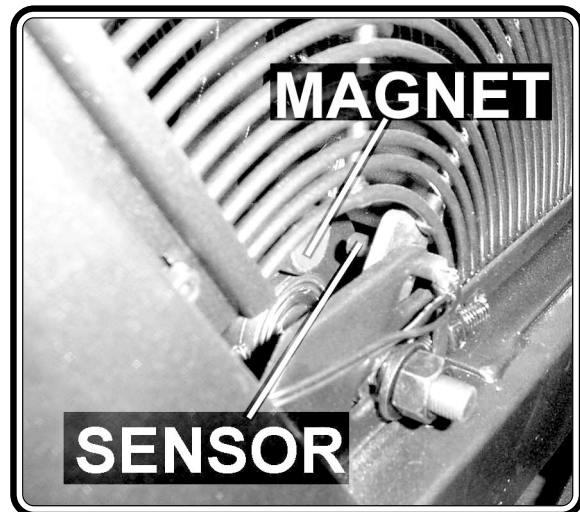
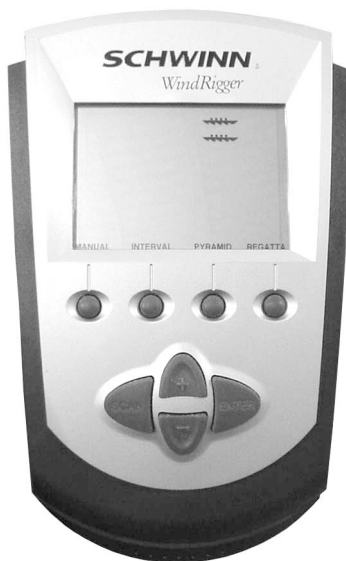

ELECTRONIC TROUBLESHOOTING

1. PROBLEM: Inconsistent or no speed reading

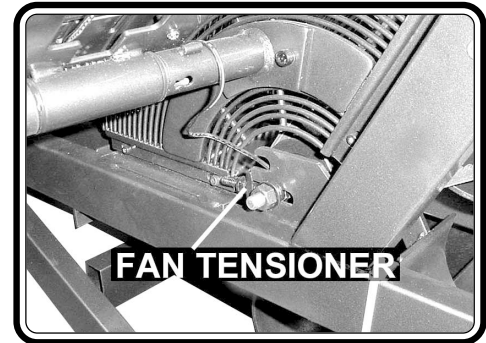
- SOLUTION:**
- a. Remove the left shroud and make sure the gap between the fan sensor and the fan magnet is between 2mm and 4mm.
 - b. Using a multimeter, test the continuity of the sensor wire. If the sensor wire is functioning, replace the computer.



MECHANICAL TROUBLESHOOTING

1. PROBLEM: The drive feels rough or slips when pulling hard on the handle

- SOLUTION:**
- Remove the shrouds and tighten the V-belt using the fan tensioners. Tighten the belt just until the slipping stops (belt tension measured on a belt tension gage should be between 85 and 95 lbs.). Replace the V-belt if it is glazed or cracked.
 - If tightening or replacing the V-belt doesn't correct the problem, the one-way bearing is slipping on the drive axle. Replace the drive axle assembly.



2. PROBLEM: There is excessive frame vibration during deceleration

- SOLUTION:**
- Make sure the four bolts that attach the rail to the frame are tight.
 - Check for bad belt alignment, an overtensioned belt, or bad fan bearings.
 - If the problem persists, the one-way bearing is slipping on the drive axle. Replace the drive axle assembly.

3. PROBLEM: The seat carriage is rough or bumping at a fixed point in the rail

- SOLUTION:**
- Remove the seat assembly and clean the rail track with a long handled screwdriver and a rag.

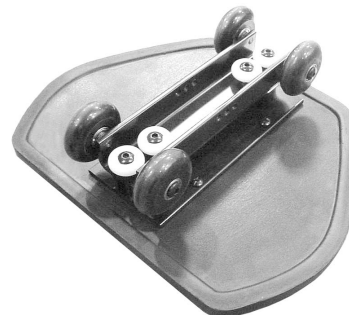




MECHANICAL TROUBLESHOOTING (continued)

4. PROBLEM: The seat carriage is rough or bumping at regular intervals in rail track

- SOLUTION:**
- Check the carriage wheels for flat spots. This is usually a temporary condition that occurs if the unit is unused for extended periods. In most cases the flat spots will round-out under load. Replace a wheel that seems to have a permanent flat spot.
 - Make sure all wheel bearings operate smoothly. If a wheel is rough, replace it.



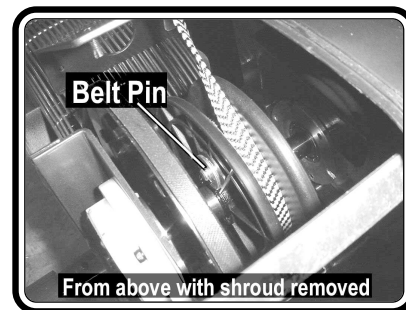
5. PROBLEM: The rowing handle belt doesn't rewind quickly

- SOLUTION:**
- It is likely that a spring has failed. Replace both the right and left springs by following the directions printed on the spring housing. Make sure the rowing handle is resting in the two hooks on the fan cage when winding the new springs, or the springs will not wind correctly. Be sure to hold the spring housing tightly with one hand when removing the three allen bolts.



6. PROBLEM: The rowing belt broke and rewound into the shroud

- SOLUTION:**
- Replace the belt and the recoil springs by following the directions printed on the spring housing. Release the belt by removing the pin from the flat belt pulley. Wrap the new belt in the direction of the arrow on the flat belt pulley.



NOTES

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