



ELECTRONIC TROUBLESHOOTING

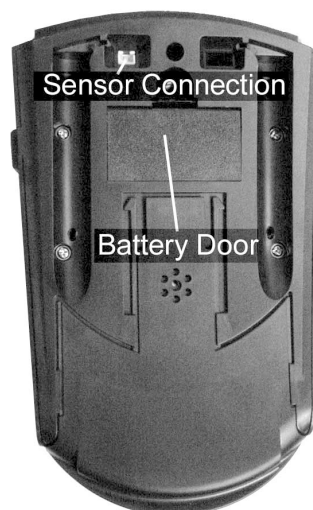
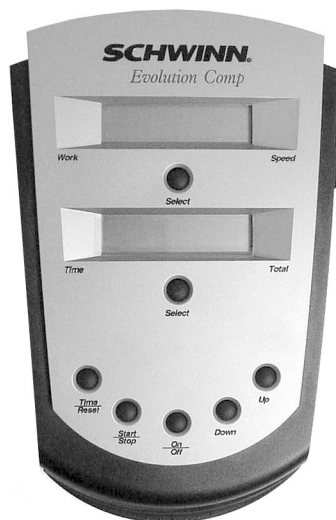
1. PROBLEM: The LCD shows no display

- 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.

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:**
- a. Check all connections.
 - b. 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.
 - 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



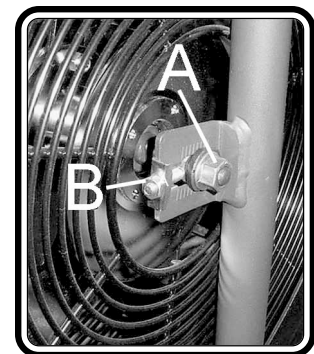
4. PROBLEM: Computer does not read properly

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





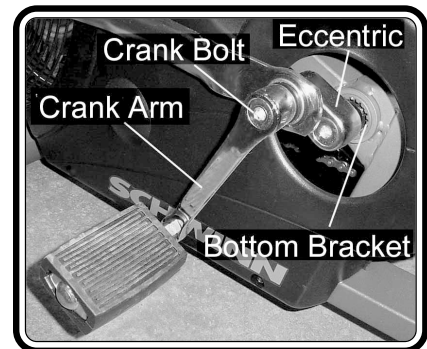
MECHANICAL TROUBLESHOOTING (continued)

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.

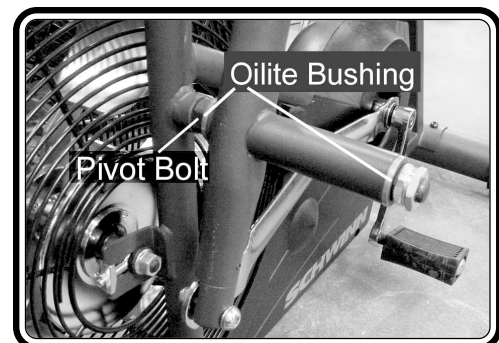
3. PROBLEM: Pedals feel loose

- 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.

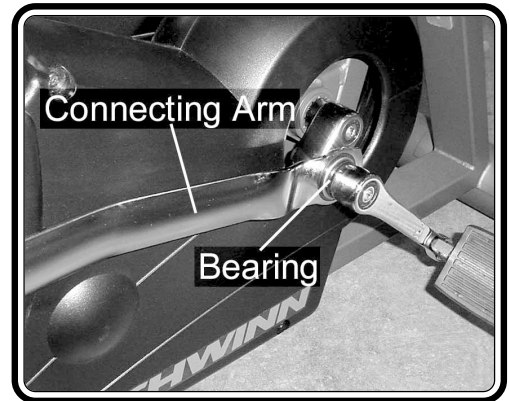




MECHANICAL TROUBLESHOOTING (continued)

5. PROBLEM: Connecting arm feels sloppy or loose

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



6. PROBLEM: Belt squeaking or out of alignment

- SOLUTION:**
- a. Adjust tension and alignment at fan hub.

NOTES

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



MAINTENANCE



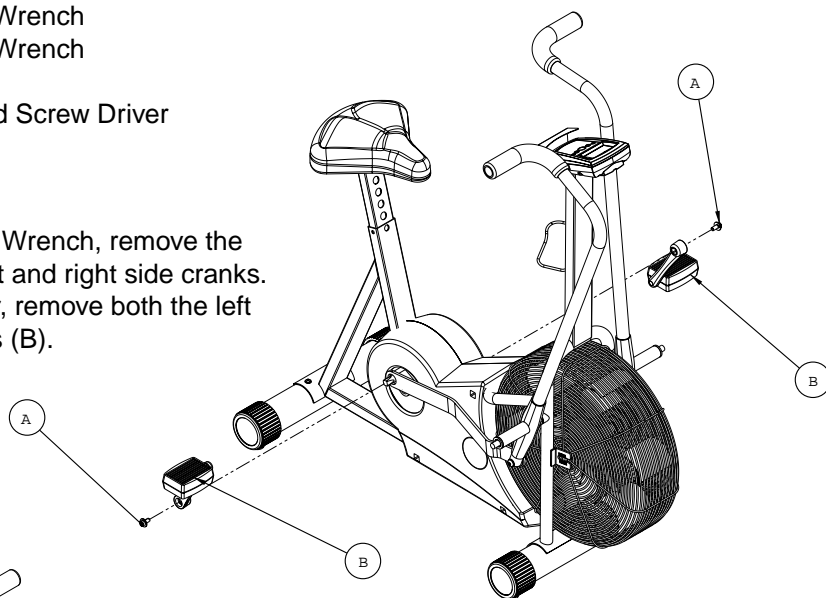
SCHWINN

AirDyne Evolution Comp

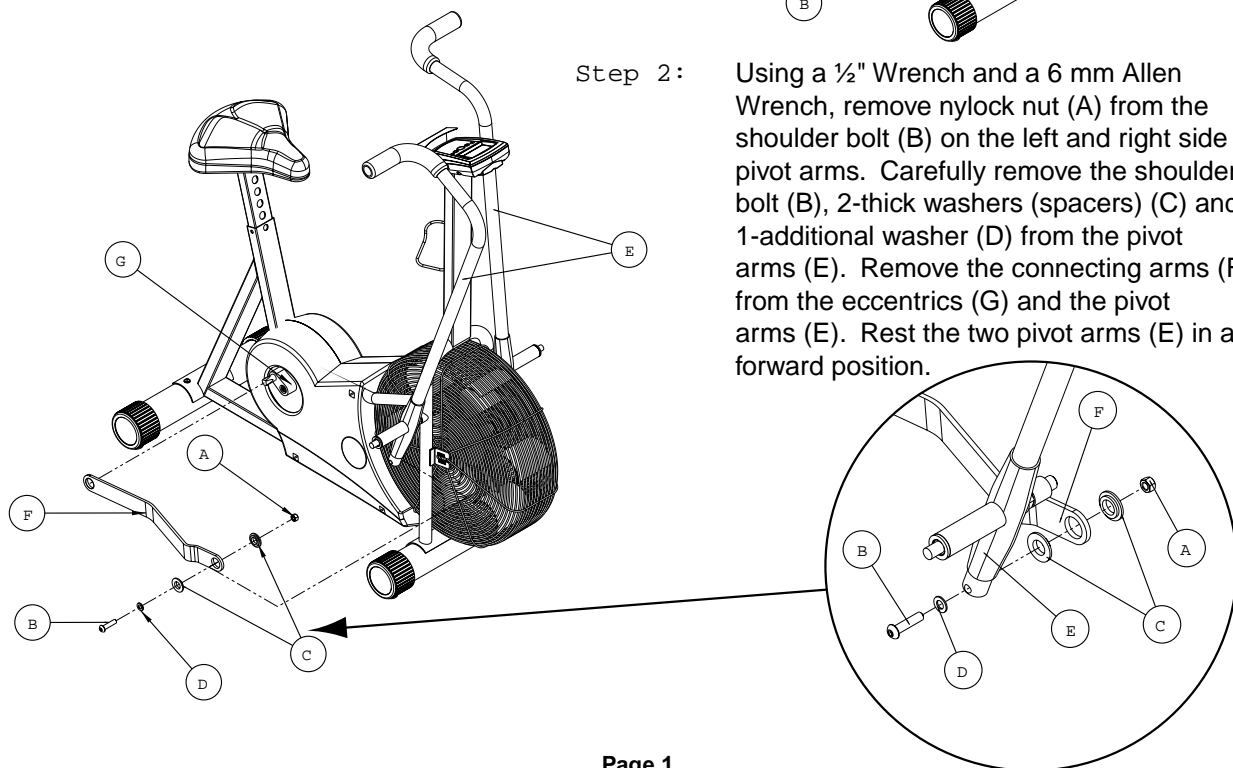
YST Bottom Bracket Replacement Assembly Instructions

Tools Required: 2 - Sealed Cartridge Bottom Bracket Tools
Torque Wrench
8 mm Allen Wrench
6 mm Allen Wrench
1/2" Wrench
Phillips Head Screw Driver
Crank Puller

Step 1: Using an 8mm Allen Wrench, remove the bolts (A) from the left and right side cranks. Using a Crank Puller, remove both the left and right side cranks (B).



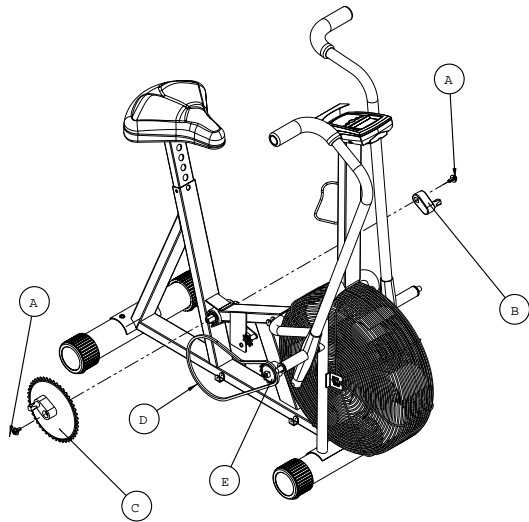
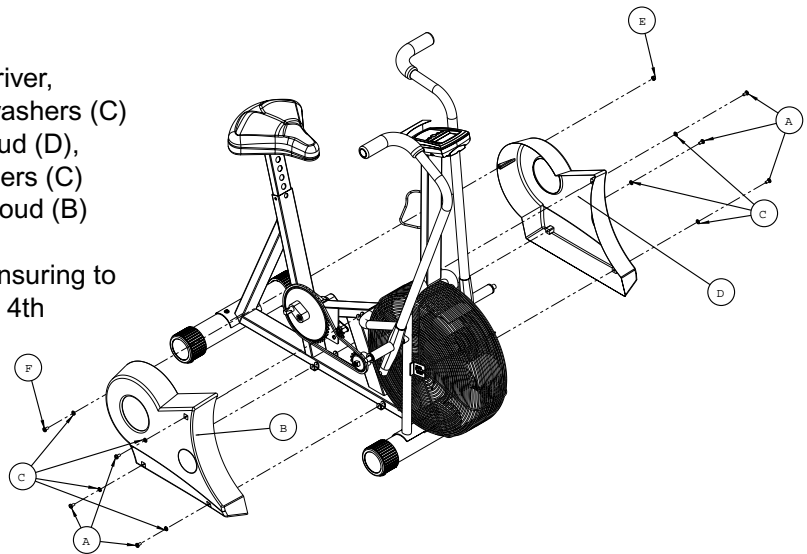
Step 2: Using a 1/2" Wrench and a 6 mm Allen Wrench, remove nylock nut (A) from the shoulder bolt (B) on the left and right side pivot arms. Carefully remove the shoulder bolt (B), 2-thick washers (spacers) (C) and 1-additional washer (D) from the pivot arms (E). Remove the connecting arms (F) from the eccentrics (G) and the pivot arms (E). Rest the two pivot arms (E) in a forward position.



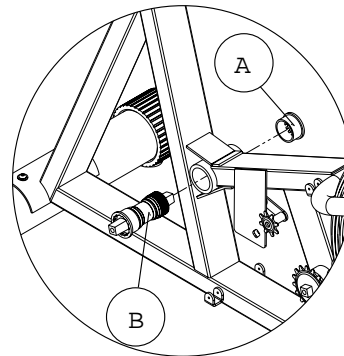


MAINTENANCE (continued)

Step 3: Using a Phillips Head Screw Driver, remove the 3-screws (A) and washers (C) holding the left side of the shroud (D), and the 4-screws (A) and washers (C) holding the right side of the shroud (B) in place. Carefully remove the shrouds (B+D) from the bike, ensuring to retain the nut (E) that holds the 4th screw (F) in place.



Step 4: Using an 8mm Allen Wrench, remove the bolts (A) from the left (B) and right side Eccentrics/Chain Ring (C). Using a Crank Puller, remove the left side Eccentric (B), and loosen the right side Eccentric/Chain Ring (C). Carefully remove the chain (D) from the Eccentric/Chain Ring (C), and let the chain (D) rest on the intermediate drive pulley (E).



Step 5: Using a Cartridge Bottom Bracket Tool, remove the BB from the damaged Airdyne Evolution Comp. Turn the Left side (A) of the damaged Bottom Bracket counter-clockwise to remove it, and then the right side (B) of the bottom bracket clockwise to remove it..

Step 6: Unthread the left (non-drive) side collar from the YST Bottom Bracket. Insert the YST bottom bracket in the right (drive) side of the Airdyne. Hand thread the left (non-drive) side of the YST BB in the left side of the Airdyne. Using 2-Cartridge Bottom Bracket Tools and a torque wrench, thread the YST BB into itself, to a torque of 40 ft-lb.

Step 7: Follow Step 4 through Step 1, in reverse order, to re-assemble AirDyne