Calibrating the Magnetic Resistance Sensor on the Schwinn™ IC4 / IC8 and Bowflex™ C6 Bikes

NOTICE: This document provides instructions to calibrate the Magnetic Resistance Sensor on the Schwinn™ IC4 / IC8 and Bowflex™ C6 Bikes. This procedure may be useful if:
- the Resistance Knob can be rotated, and the Level value on the Console never changes from 0%.
- the Resistance Knob can be fully rotated counter-clockwise, and the Level value never reaches 0%.
- the Resistance Knob is fully rotated clockwise, and the Level value never reaches 100%.

Note: Be sure to confirm that all cable connections are secure before performing the calibration. Due to product limitations, the Magnetic Resistance Sensor can only be calibrated three times.

If you need assistance, please call Nautilus Customer Service (if purchased in US/Canada) or your local distributor (if purchased outside US/Canada). To find your local distributor, go to: www.nautilusinternational.com

Important Safety Instructions - Before servicing or using this equipment, obey the following warnings:

• Read and understand the Part Replacement Procedure before working on the machine. Failure to obey the instructions and safety warnings could cause injury to the service technician or bystanders.
• Keep bystanders and children away from the product being serviced at all times.
• Disconnect all power to the machine before you service it.
• Make sure that the repair is done in an appropriate work space away from foot traffic and exposure to bystanders.
• Some components of the equipment can be heavy or awkward. Enlist the service of a second person when you do maintenance steps involving these components. Do not try to do heavy or awkward steps on your own.
• Use only replacement parts and hardware that are supplied or approved by Nautilus. Failure to use Nautilus-approved replacement parts can adversely affect the safety and functionality of the equipment creating a risk to users and will void the warranty.
• Be sure that all warning stickers and instructional placards applied to the product stay present and in good condition when doing maintenance or replacing components. If at any time the Warning labels become loose, unreadable or dislodged, replace the labels. If purchased in US/Canada, contact Customer Service for replacement labels. If purchased outside US/Canada, contact your local distributor for them.
• Do not try to change the design or functionality of the machine being serviced as this can adversely affect user safety.
• Do not use the machine until all shrouds, instructions, warning labels and correct functionality have been verified and tested for correct performance.
1. With the Console activated and in Power-Up mode, push the START/ENTER button.

2. Within 5 seconds of completing Step 1, push and hold down the Reset and Increase buttons for 3 seconds. The Console is now in Service Mode.

3. Now push and hold down the Reset and Increase buttons again for 3 seconds. The Console is now in the Calibrate the Magnetic Resistance Sensor option (display with placeholders shown).

4. The Console displays four values with one of them flashing. 
   **Note:** The Magnetic Resistance Sensor can only be calibrated three times. If the Console displays the Calibration Round as “3”, then it cannot be calibrated again.

   The upper value is the current position supplied by the Resistance Knob. This is the value controlled by the user.

   The 1% Configured Value is the previously calibrated position for the 1% Resistance Value. This value is the first to be calibrated and is the one flashing.

   Turn the Resistance Knob counter-clockwise until it is unable to turn, and then turn it clockwise a quarter of a turn.

5. Push the START/ENTER button to set this value as the new 1% Configured Value. The Console will update the displayed value.

6. The Console will now flash the 100% Configured Value. The 100% Configured Value is the previously calibrated position for the 100% Resistance Value.

   With one hand on the front of the Flywheel, slightly turn the Flywheel while turning the Resistance Knob clockwise. Immediately stop turning the Resistance Knob when the Flywheel is unable to turn.

   **Be sure to keep fingers clear of all pinch hazards as you slightly turn the Flywheel.**

7. Turn the Resistance Knob counter-clockwise one full turn.

8. Confirm that the Flywheel can move by turning it. If the Flywheel cannot turn, the Resistance Knob has been turned too far. Go back to Step 6.
9. Push the START/ENTER button to set this value as the new 100% Configured Value. The Console will update the displayed value.

10. Unplug the machine from the power adapter for 5 minutes, and then plug it back into the machine. The Console will activate with the Magnetic Resistance Sensor calibrated to the new positions.