

Schwinn 490 Elliptical: Incline Calibration Procedure

ID: 15364.2

Overview: This procedure is used to calibrate the incline motor of your elliptical. This is most commonly used when replacing the incline motor.

Tools used in this guide: None

Estimated time to complete: Less than 5 minutes

Let's get started!

Incline Motor Calibration

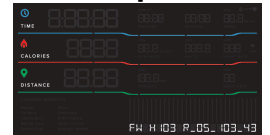
<i>Tools Required:</i>	<i>Estimated Time to Complete:</i>	<i>Service Manual Procedure:</i>
Phillips head screwdriver	Less than 5 minutes	Replace the Incline (Lift) Motor Assembly * We will only use the calibration steps listed at the end of this procedure

1. Plug the power cord back into your machine and the electrical outlet, then flip the power switch to On.
2. While your elliptical is powering up, press and hold the **Programs** button for three seconds to enter Console Setup Mode/System Menu.
3. Press the **Programs** button four times to advance through the System Menu.
4. The console should now display the hardware variant and console firmware version - the values on your console may vary.
5. Press and hold the **Resistance Level Quick 25** button for three seconds to enter the Manufacturing Test Menu.
6. The console will display **START TEST SUITE**.
7. Press the **Resistance Down** button three times to advance to the **CAL_INCLINE** option.
 - If **Start** was pressed instead of **Resistance Down**, turn the power switch off and start over on Step 1.
 - If **Resistance Down** is pressed too many times, we can use the **Resistance Increase** button to go back to the **CAL_INCLINE** option.
8. When the console displays **CAL_INCLINE**, press the **Start** button to begin the calibration.

Step 2 & 3



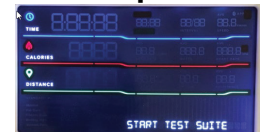
Step 4



Step 5



Step 6



Step 7



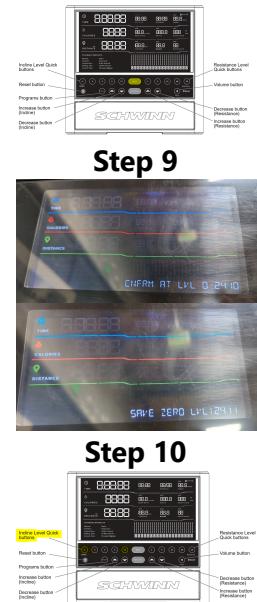
Step 8



- Do not press any buttons during calibration - calibration values will not be saved.
- The console will display changing text and numbers for approximately 30 seconds.
- During this time, the pedals will go through the full range of motion - fully raised, fully lowered, and then back to Level 0.

9. When the console displays "**CNFRM AT LVL 0 24XX**", calibration is ready to be saved:

- Check that the incline is level - if any adjustments are needed, the Incline Up and Down buttons can be used to fine-tune the position
- Press the **Start** button to confirm and save the Incline Calibration Values
- The display will momentarily change to **SAVE ZERO LVL:24XX**, then display **CAL_INCLINE**
- Calibration is complete - don't press any buttons yet!



10. Power cycle your machine and confirm the incline adjusts correctly:

- Power off your machine using the power switch or by unplugging the power cord.
- Flip the power switch back on or plug your machine in.
- Once the power-up/welcome screen appears, use the **Incline Level Quick** buttons for Level 15 and -5 to confirm incline moves properly between the levels.

11. Return to the previous troubleshooting guide once complete.

Need additional assistance?

1 Contact Tech Team / Advanced Troubleshooting

If the issue was not resolved in the steps listed, contact the Tech Team or send an Advanced Troubleshooting case.

Submit a Case with case type Advanced Troubleshooting