

Life Fitness Model 97Ti, 95Ti, 93T, 97Te, and 95Te Treadmills

How To...Adjust the Lift Actuator

Special Service Tools Required: NONE

1. Verify that the home switch is functioning. Enter into Diagnostics (see Section 2). Select *Incline Manual*. A "0" should appear in the lower right corner of the Profile Window when activated. Also the Wax/Lift LED 4 and 5 will be lit when home switch is activated. If not, then proceed to next step.
2. Drive the Lift System down until the actuator's internal limit switch stops the lift function. Disconnect power from the treadmill.
3. Measure and record the space between the top of the lift wheels and bottom of the unit frame.
4. Turn the treadmill over on its side.
5. Remove the 3/8-16 nut and bolt from the Lift Arm Weldment.
6. Turn the actuator tube clockwise (in towards the motor) in half-turn increments to approximately equal the space measured in Step 3. One-half turn of the actuator tube shortens the operating length by 1/16". Make sure the bolt holes align.

Example: If the space between the top of the wheel and the bottom of the frame is 3/16", turn the actuator tube 1-1/2 turns clockwise (in towards the motor). If the space is 5/32", turn the actuator tube 1 turn clockwise.

IMPORTANT: Be careful not to turn the actuator screw while turning the actuator tube.

7. Install the Actuator tube back into the Lift Arm weldment and secure with nut and bolt.
8. Verify orientation of switch so that the terminal connector is facing toward the Frame Tag PCB. If backward, remove and reinstall to proper orientation as shown.
9. Turn the treadmill over and restore power.
10. Test the lift function in a user program. Note: If necessary, balance the unit and adjust striding belt tracking.

