

Life Fitness Models 9100, 9500HR, 9700HR, and 9700HR w/Decline Treadmills
TROUBLESHOOTING GUIDE

Malfunction	Probable Cause	Corrective Action
Display reads: NOTIFY MAINTENANCE INCLINE TIMEOUT ERROR	Lift Motor.	Cycle motor in incline manual and verify 120VAC at P7 on Wax/Lift PCB. Replace lift motor.
	Level switch, negative switch or wire harness is defective.	In incline manual in diagnostics, verify the operation of the switches. Replace switches if defective. See How To...Replace Switches.
		Verify the wire for continuity, replace wire harness if defective.
Display reads: NOTIFY MAINTENANCE HOME SWITCH ERROR	Lift switches wire harnesses are backward. This applies only to TR97.	Switch the wire harnesses on the negative and level switches.
Display reads: NOTIFY MAINTENANCE NEGATIVE SWITCH ERROR	Lift switches wire harnesses are backward. This applies only to TR97.	Switch the wire harnesses on the negative and level switches.
Display reads: NOTIFY MAINTENANCE FRAME TAG UNPLUGGED	Broken, damaged or unplugged harness.	Re-seat the frame tag wire harness.
Display reads: UNABLE TO OBTAIN TARGET SPEED	Incorrect power requirements.	Refer to the Operations Manual
	Striding belt/deck malfunction. Is the deck laminate is worn through or the underside of striding belt is glazed over (hard, glossy).	Replace belt and deck. See How To... Replace Striding Belt.
	Motor Controller.	Replace motor controller. See How To... Replace Motor Controller.
Display reads: NOTIFY MAINTENANCE SPEED SENSOR ERROR	Speed sensor or disconnected wire harness.	This error will appear after a workout, but the unit will continue to function. Enter diagnostics, Speed Manual, and look for a RPM reading. If no reading exists, check continuity on the wire harness. No continuity, replace wire harness. If continuity exists, replace speed sensor. See How To ...Replace Speed Sensor.