

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

Section I

Malfunction	Probable Cause	Corrective Action
Squeaking noise.	Drive motor belt tensioning pin may be squeaking.	Spray pin with lubricant.
	Drive motor belt may be worn or damaged.	Replace drive motor belt. See How To... Replace Drive Motor Belt.
Loud groaning sound heard from front of machine while elevating.	Lift mechanism pivot points are dry.	Lubricate pivot points.
	Faulty lift motor.	Replace the lift motor. See How To... Replace Lift Motor.
Loud groaning on footfall.	High friction between deck and striding belt.	Refer to Slowdown Section.
Display does not illuminate when machine is powered on.	Insufficient power source.	Plug treadmill into a dedicated amp circuit. Refer To The Operations Manual.
	Loose 10 pin connection at display console or wax/lift control board.	Check all electrical connections for proper attachment.
	Damaged main harness wire connection.	Replace wire harness. See How To... Replace Main Wire Harness.
	Faulty display console or Wax/Lift Board.	Verify if 8VDC is present at P1 pin, 3-4 and 12VDC at P1 pin 9. If yes, replace Display Console. See How To... Replace Display Console PCB. If no, replace Wax/Lift Board. See How To... Replace Wax/Lift PCB.