

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

Section I

Malfunction	Probable Cause	Corrective Action
Unit resets randomly or pauses.	Stop switch cable not making proper contact.	Re-seat cable from stop switch and verify the operation.
	Pinched main wire harness.	Replace the main wire harness. See How To...Replace Main Wire Harness.
	Open ground path.	Using voltmeter, check all points for continuity: console pan screws, console mounting screws, handlebar screws, and handrail mounting screws to frame with respect to ground. Ground must be a non-painted surface.
	Inspect Smart Stop system.	Disconnect the 4 pin connector and verify if problem exists. If no, replace smart stop PCB. See How To...Replace Smart Stop PCB.
No Power.	On/Off switch.	Turn the switch to the ON position.
	Insufficient power source.	Plug treadmill into a dedicated amp circuit. Refer to the Operations Manual.
		Using a voltmeter, verify power at outlet. If no power exists, reset circuit breaker at panel.
	Damaged line cord.	Replace line cord. See How To...Replace Line Cord.
	Line cord improperly seated in socket.	Inspect power connection at wall outlet and at machine for proper contact.
	Power module.	Verify 120VAC at wax/lift board 3 pin connector. If no, replace power entry module See How To...Replace Power Entry Module.
		If yes, verify 8 VDC at P1 pins 3 and 4, and 12VDC at P1 pin 9. If voltage is present, replace display console PCB. If not, replace wax /lift PCB. See How To...Replace Display Console PCB and/or Wax /Lift PCB.