

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

Section I

Malfunction	Probable Cause	Corrective Action
Display reads: MOTOR CONTROLLER COMM BAD: CHECK HARNESS BETWEEN LIFT & CONTROLLER -P9/P3	Loose wire harness.	Reset connections at wax/lift PCB connector P9 and motor controller PCB connector P3.
Display reads: MOTOR CONTROLLER COMM BAD: CHECK POWER TO MOTOR CONTROLLER.	Bad power entry module or motor controller.	Verify line voltage at P1 on the Motor Controller. If voltage exists, replace motor controller. See How To Replace... Motor Controller. If no voltage exists, replace power entry module. See How To Replace...Power Entry Module.
Display reads: WAX/LIFT BOARD COMM BAD: CHECK POWER ON LIFT	Bad Wax/ Lift PCB.	Verify if the LED 7 (Green) and LED 8 (Red) is lit on the Wax/Lift PCB. If no, replace Wax/Lift PCB. See How To Replace...Wax /Lift PCB.
Display reads: BOTH LIFT and CONTROLLER COMM BAD: CHECK HARNESS BETWEEN CONSOLE & LIFT -P1/P1	Loose wire harness.	Reset connection at Wax/Lift PCB connectorP1 and Display Console PCB connector P1.
Display reads: SYSTEM CONFIGURED TWO WIRED	Motor Controller is not jumped correctly.	Reset jumper at JM1 on both pins.
Display reads: INCLINE INOPERATIVE – CONTINUE IF DESIRED	Level or negative switch.	Refer to the Diagnostics section “incline” to verify the operation. If replacement is required. See How To Replace...Level or Negative Switch. Inspect wire harness for damage, replace if needed.
	Lift motor adjustment incorrect.	See “How To...Replace the Lift Motor” and refer to the step in the procedure that describes 13-3/4” tube adjustment.
	Lift Motor.	Cycle motor in incline manual and verify 120VAC at P7 on Wax/Lift PCB. If not, replace lift motor. See How To Replace...Lift Motor.