

**Life Fitness Model 97Ti, 97Te, 95Ti, 95Te and 93T Arctic Silver Treadmills**  
**TROUBLESHOOTING GUIDE**

<b>SYMPTOM</b>	<b>PROBABLE CAUSE</b>	<b>CORRECTIVE ACTION</b>
<b>No Chest Strap Detected</b>	Faulty receiver.	Verify 5VDC at P6 pin 1. If yes, replace transmitter. If no, replace display console PCB.
	Telemetry turned OFF.	Enter Manager's Configuration in the Diagnostic mode, and then turn telemetry to ON.
	Bad connection at Telemetry cable and receiver.	Check cable jack and receiver connection.
<b>Erratic Heart Rate readings.</b>	Treadmills are located less than 8" (203 mm) apart.	Position treadmills to recommended distances. Refer to the Operations Manual.
<b>Abnormally elevated heart rate readings.</b>	Electromagnetic interference from television sets and /or antennas.	Move the treadmill a few inches away from the probable cause, or move the probable cause a few inches away from the treadmill, until the heart rate readings are accurate.
	Electromagnetic interference from cell phones.	
	Electromagnetic interference from computers.	
	Electromagnetic interference from cars.	
	Electromagnetic interference from high voltage power lines.	
	Electromagnetic interference from motor driven exercise equipment.	
	Electromagnetic interference from another heart rate transmitter within 3 ft (1m).	
<b>Display Reads: MOTOR CONTROLLER COMM BAD: CHECK HARNESS BETWEEN LIFT &amp; CONTROLLER -P9/P3</b>	Loose wire harness.	Reset connections at wax/lift PCB connector P9 and motor controller PCB connector P3.
<b>Display Reads: MOTOR CONTROLLER COMM BAD: CHECK POWER TO MOTOR CONTROLLER.</b>	Bad Motor Controller.	Verify line voltage at P1 on the Motor Controller. If voltage exists, replace motor controller. See "How To..." Replace Motor Controller. Refer to Section 4 Voltage Specifications.
<b>Display Reads: WAX/LIFT BOARD COMM BAD: CHECK POWER ON LIFT</b>	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.