

Treadmill Troubleshooting

>> Failed Auto Calibration

Symptom	Possible Cause	Test Procedure	Repair
Failed Auto Calibration – Belt runs for a few seconds and then stops and E1 message on console.	Failed RPM sensor.	-Put machine into Eng1 and check for slight fluctuation of speed in speed window of display. (Speed should not fluctuate more than a few hundredths.)	Replace RPM sensor.
	RPM sensor misaligned.	-Adjust sensor bracket to correct position.	
	Magnet missing in front roller pulley.		Replace magnet.
	Failed console cable.	-Check voltage and continuity of console cable.	Replace console cable.
Failed Auto Calibration – Belt never runs and E1 message on console.			See troubleshooting for no motor movement.
Failed Auto Calibration – Board never sets speeds. Belt will continue to run and not stop.	RPM sensor not aligned properly or has failed.	- Verify positioning of sensor wire. (Wire coming from RPM sensor points toward the front of the unit, sensor is as close as possible to the magnet in the pulley without touching, and the sensor bracket 90-degree angle, not bent in any way.) - Put machine into Eng1 and check for slight fluctuation of speed in speed window of display. (Speed should not fluctuate more than a few hundredths.)	Replace RPM sensor.
	Failed motor control board (MCB).		Replace MCB.