

**Life Fitness 9100 Series Heart Rate and Telemetry Equipped Treadmills**  
**TROUBLESHOOTING GUIDE**

**Symptom: Noisy Treadmill**

**SECTION I**

<b>Malfunction</b>	<b>Probable Cause</b>	<b>Corrective Action</b>
<b>Knocking sound at rear of machine</b>	Faulty rear roller bearings. Wax build up on rear roller.	<input type="checkbox"/> Replace rear roller assembly. <input type="checkbox"/> Run unit for 10 hours to burn in.
<b>Knocking sound coming from deck</b>	Worn lord mount or loose.	<input type="checkbox"/> Replace or tighten 4 lord mounts.
<b>Rubbing sound from underneath machine</b>	Foreign objects may be stuck underneath the machine. Rear tinsel guard may be bent. Rear roller guard may be bent, broken or not secured.	<input type="checkbox"/> Inspect underneath striding belt and machine. Remove any debris or accumulation on debris brush. <input type="checkbox"/> Bend guard away from belt, or replace if damaged. <input type="checkbox"/> Re-attach or replace guard.
<b>Squeaking noise</b>	Tec packs may be out of alignment. Damaged deck stiffener. Drive motor belt may be worn or damaged.	<input type="checkbox"/> Reposition Tec packs. <input type="checkbox"/> Reposition or replace old style deck stiffener. <input type="checkbox"/> Replace drive motor belt.
<b>Loud "groaning" sound heard from front of machine while elevating</b>	Drive motor belt tensioning pin may be squeaking.	<input type="checkbox"/> Spray pin with lubricant.
<b>Loud "groaning" on footfall</b>	Faulty lift actuator.	<input type="checkbox"/> Replace lift actuator.
<b>Loud rumble between 2.5 and 3.0 mph</b>	High friction between deck and striding belt Faulty motor controller	<input type="checkbox"/> Refer to slowdown section. <input type="checkbox"/> Replace motor controller.  Call Life Fitness Customer Support Services 847-451-0036 or 1-800-351-3737