

LED	Indicator	Description	Possible Cause and Issues
Off	Off	No system power	Low battery, disconnected wire or no trailer power.
Constantly on	Off	System OK	Functioning normally. Adequate electrical power to controller. No tire less than 10 psi below target value.
1 blink	On	Tire 10 psi low	<p>Low tire pressure detected (<i>one or more tires are more than 10 psi below target value</i>).</p> <p>Could be caused by a less-serious <i>issue</i> (<i>trailer sitting idle for an extended period of time, significant temperature drop, etc.</i>) or a more-serious issue (<i>leaky tire hose fitting, leaky tire hose check valve, punctured tire, corroded tire bead seat, etc.</i>).</p> <p>When low tire pressure is detected, the TIREMAAX system will attempt to inflate the tires to within 10 psi of target value for a period of 30 minutes.</p> <p>If accomplished within the 30 minute period, the blink code disappears.</p> <p>If unable to accomplish within the 30 minute period, the system assumes a more serious cause/issue has created the low pressure indication and generates blink code 2 or 3 (<i>see below</i>).</p>
2 blinks	On	Check valve leak	<p>Tire hose check valve leaking or not properly seated. Contamination is preventing the check valve from seating and system is unable to reseat check valve.</p> <p>System is powering the delivery solenoid valve to seal the exhaust vent, keeping the rotary union pressurised.</p> <p>Tire will deflate when electrical power is turned off.</p> <p>A less likely possibility is a leaking supply solenoid valve.</p>
3 blinks	On	Line/tire leak	<p>Air line is leaking between controller and tire hoses (<i>program unable to enter tire pressure check and fill mode</i>). Other possibilities are punctured tire, ruptured air line, tire off rim, corroded tire bead seat, ruptured tire hose, loose air fittings, no delivery pressure sensor signal or separated rotary union.</p>
4 blinks	Off	No pressure signal/low trailer air tank	<p>Low or no trailer air tank pressure, supply pressure sensor failed at 0 psi or supply pressure sensor not receiving power.</p> <p>Trailer air tank pressure lower than target tire pressure.</p> <p>Trailer just hooked up, weak compressor or target tire pressure higher than air system capability. Pressure protection valve may not be functioning properly.</p>
5 blinks	On	Solenoid/pressure sensor malfunction	<p>Make sure the air supply is removed from the vent tube before applying electrical power.</p> <p>Supply or delivery pressure sensor or supply or delivery solenoid valve not responding.</p> <p>Loose, damaged or corroded connectors or wires.</p> <p>Welding possibly occurred on trailer without first Disconnecting the system or establishing proper ground.</p>