

**Date:** June 20, 2018

**Bulletin No:** 06-20-2018

**Model:** Saf-T-Liner C2

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**Subject:** Testing an Ecco LED Strobe Light

Beginning in 2016, Thomas Built Saf-T-Liner C2 buses have come equipped with an Ecco LED roof-mounted strobe light with a built-in power pack. The Ecco LED strobe light is much easier to troubleshoot than previous strobe lights. It has both a power and ground wire, making it very easy to test.

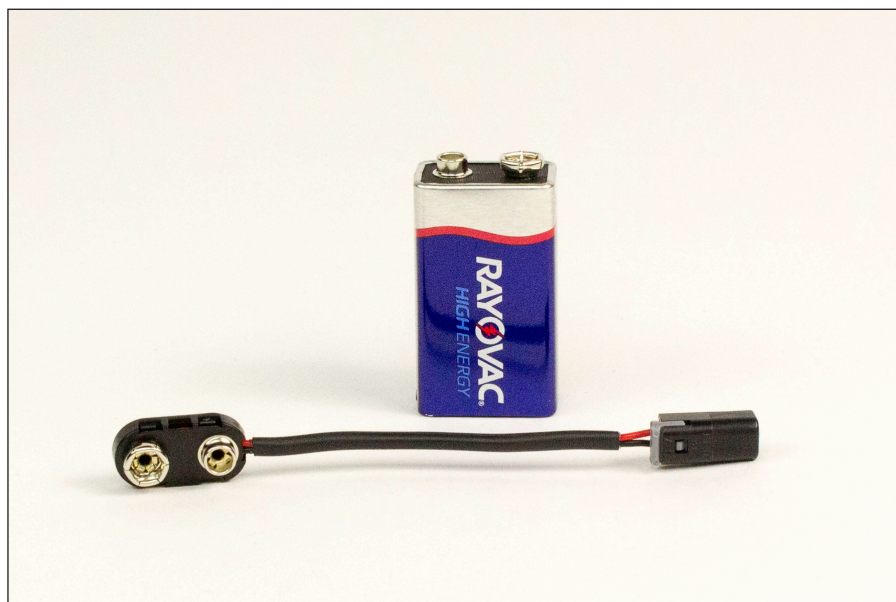
In this service bulletin, we'll show you a simple way to test the Ecco LED strobe light using a standard 9-volt battery.



**SAFETY WARNING - Prior to starting, apply the parking brake, turn the engine off and chock the tires. Always use proper fall protection per OSHA guidelines when working off the ground.**

You can test a suspected bad strobe light using a standard 9-volt battery and a Carolina Thomas LED strobe light connector (P/N: Ecco-Test) - pictured below.

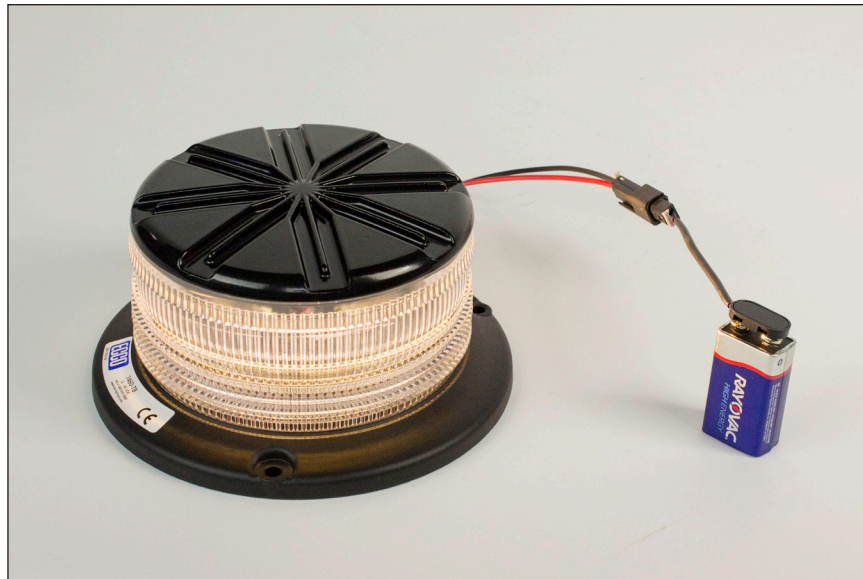
This simple test will save you time and money. When we receive a warranty claim that includes the switch and the light, rarely have both components failed at the same time. In such cases, the claim gets rejected by the strobe light manufacturer.



First, use a multi-meter to test the fuse. After verifying the fuse is good, carefully remove the strobe light from the roof of the bus. **Remember to always use proper fall protection per OSHA guidelines when working off the ground.**

Next, connect the battery end of the test connector to the battery, then connect the opposite end of the connector to the strobe light connector.

If the light flashes, you know the light is good. You should now test upstream. That leaves the switch, an electrical connection, or the electrical harness itself as the suspect component.



You can make your own test connector or order one from Carolina Thomas Parts. To order a Carolina Thomas LED strobe light test connector (P/N: Ecco-Test), call our Parts Professionals at (800) 440-3492.



**Got questions** or want more information about testing an Ecco LED strobe light? Give us a call.

Office: (800) 440-3492 Ext. 383  
Mobile: 336-215-0970  
Email: [vrivera@carolinathomas.com](mailto:vrivera@carolinathomas.com)

**Vinny Rivera**  
Service & Training Manager