

FLA COE
FLB COE
FLD Conventional
Business Class

FLC 112 Conventional
Century Class Conventional
Argosy COE
Cargo

Columbia
Coronado
Business Class M2
> Cascadia

**Freightliner
Service Bulletin**

Description of Revisions: *This bulletin replaces the version dated November 2010. Additional information is added about which number to call for fault code translation.*

General Information

Cascadia vehicles built with SAM Cab software release 6.0 (software version 09.31.005 and all subsequent releases) have a lighting check sequence that causes all exterior lights on the tractor and trailer (if trailer fault detection is activated) to blink momentarily.

This single blinking of the lights occurs approximately 5 seconds after the ignition key is released from the cranking position to the run or off position, and when the park brake is either set or applied with the ignition key in either the run or off position.

This function is new and it is used to allow the SAM controllers to check for exterior light bulb outages. If the vehicle lighting is on via the headlamp switch, the hazard lamp switch, or the brake pedal is depressed, all lamps will blink off one time for a fraction of a second. If the exterior lamps are off they will blink on one time for a fraction of a second.

If a light bulb or LED (light emitting diode) is not functioning as determined by an open circuit condition during the blinking event, a fault code is logged and shown on the driver display. All active faults including any exterior lighting fault will display one after another on the driver display during the ignition sequence with the park brake set as described in **Chapter 4** and **Chapter 21** of the *Cascadia Driver's Manual*.

Chapter 4 in the *Cascadia Driver's Manual* shows the sequence of obtaining the exact lighting fault for each instrument cluster offered in this model. The *Dealer Technical Support Hotline* can provide dealers with fault code translation at 1-503-745-7769. Customers can call the *Customer Assistance Center* for direction to a dealer who can determine fault codes at 1-800-FTL-HELP.

The active fault will clear and not be shown on the driver display when the bulb or LED is replaced and either the starting sequence or park brake cycling sequence described above is performed.

This SAM controller self test is an aid to indicate a bulb outage for the driver in addition to the required pre-trip and post trip physical inspection of all exterior lights for proper function.

NOTICE

All exterior lighting must be inspected and corrected during the required pre-trip and post trip inspections, as outlined in Chapter 21 of the *Cascadia Driver's Manual*. The Cascadia self test described in this bulletin does not replace physical inspection of all exterior lighting prior to operating the vehicle.

Warranty

This is an informational bulletin only. Warranty does not apply.