



UI BULLETIN # 81

SUBJECT: Service Body Rear Lighting Options (including LED).

MODELS AFFECTED: All New C/K Chevrolet Silverado and GMC Sierra, 3500 Series Heavy Duty Chassis Cab, Pickups with Box Delete Option (RPO ZW9) and, Models Approved for Pickup Box Removal

MODEL YEAR(S): 2007 and 2008

DATE: 4/17/2007

REVISION DATE: 4/17/2007

ADVISORY

This bulletin provides a brief description of Rear Lighting Options offered on Heavy Duty Silverado's and Sierra's Service Bodies. A copy of a Service Bulletin is attached (Document ID# 1956334) if modifications require BCM recalibration at a GM dealer.

SUMMARY

- Chassis Cab & ZW9 box delete option models will work with LED or any other turn signals without modification.
- Tail lamp alteration of a regular truck (i.e. deleting Pickup box w/o ZW9) needs to have the BCM calibration changed if LED's or single bulb lamps are used. This must be done at a dealer.

Significant points are as follows:

- The Turn Signals are controlled by the BCM not a separate flasher module.
- Rear Lamp Bulb Outage detection is displayed as a "fast" turn signal flash rate in the cluster.
- All trucks are built with one of two BCM calibrations:
 - All "regular" C/K trucks - 2 Bulb Outage Detection
 - All Chassis Cabs & ZW9 box delete option – No Bulb Outage Detection. This may be used for LED turn signals with a standard flash rate.
 - Note: No calibration presently exists for Single Bulb Lamp Outage Detection.
- The BCM is current limited to 6A. The BCM output (& lamps) will turn off if this is exceeded.
- The "All New" C/K trucks have combined "red" stop/turn signal lamps.
- Adding additional turn only (Amber) signals are described in the Body Builders Manual.

The attached service Bulletin describes how the dealer can change the BCM calibration.

Notes: This bulletin addresses the "All New" not the "Classic" C/K truck. FMVSS 108 / CMVSS 108 compliance is the responsibility of the upfitter.

Document ID# 1956334



Information on BCM Calibrations Available to Restore Bulb Outage Detection on Vehicles Produced by a Second Stage Manufacturer (Upfitter) #07-08-42-006 - (04/05/2007)

The information contained in this bulletin only applies to vehicles that are to be completed by a second stage manufacturer (upfitter) and may need to have the Body Control Module (BCM) rear turn signal bulb outage detection capability restored. The ability of the BCM to detect a rear turn signal bulb outage is intentionally deleted on chassis cab models and pickups with box delete option (RPO ZW9). All production vehicles will be manufactured with one of the following BCM rear turn signal bulb outage detection software options:

1. A standard production vehicle will have BCM software that checks for two bulbs functioning in each rear turn signal bulb circuit. If one or more bulbs are inoperative the BCM will “fast flash” the Instrument Panel Cluster (IPC) turn signal indicator as required by Federal Motor Vehicle Safety Standard (FMVSS) 108 and Canada Motor Vehicle Safety Standard (CMVSS) 108.
2. A vehicle built with a pickup box delete or chassis cab option will be produced with a BCM program that has no turn signal bulb outage detection capability. The IPC turn signal indicator will flash at the same rate no matter how many turn signal bulbs are inoperative.

The responsibility for compliance with FMVSS 108 and CMVSS 108 in regards to turn signal bulb outage detection lies with the second stage manufacturer (upfitter) on remanufactured vehicles. In some cases the upfitter may wish to restore the turn signal bulb outage detection capability, as described in option 1 above, to assure compliance with FMVSS 108 and CMVSS 108. This will require contacting the Techline Customer Support Center (TCSC) (1-800-828-6860 English or 1-800-503-3222 French) to open a case and obtain a Vehicle Configuration Index (VCI) number. The BCM can then be reprogrammed with the software that enables rear turn signal bulb outage detection capability.

GM bulletins are intended for use by professional technicians, NOT a “do-it-yourselfer”. They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



WE SUPPORT
VOLUNTARY
TECHNICIAN
CERTIFICATION

© Copyright General Motors Corporation. All Rights Reserved.

Document ID# 1956334