
#08-09-41-008: Bumper Bar and Inflatable Restraint Front End Sensor Design Change and DTC B0083 or B0084 Set After Inflatable Restraint Front End Sensor (EFS) Has Been Replaced - (Jul 15, 2008)

Subject: Bumper Bar and Inflatable Restraint Front End Sensor Design Change and DTC B0083 or B0084 Set After Inflatable Restraint Front End Sensor (EFS) Has Been Replaced



Models: 2007-2008 Cadillac Escalade, Escalade ESV, Escalade EXT
2007-2008 Chevrolet Avalanche, Suburban, Tahoe
2007-2008 GMC Yukon, Yukon XL, Yukon Denali

This bulletin is being issued to inform dealers about the availability of two different types of Inflatable Restraint Front End Sensors (EFS), Front Bumper Impact Bars, SDM Operating System and SDM Calibrations on vehicles listed above.

A running change was made to the front bumper bar, Inflatable Restraint Front End sensor, SDM operating system and SDM System calibration on 8/5/2007. Vehicles built before 8/5/2007 are the first design and vehicles built after 8/5/2007 are the second design. The front bumper bar for the second design does not have a knee bracket.

If the first and second design Inflatable Restraint Front End Sensors, SDM Operating System or SDM System calibrations are mixed, DTC B0083 or B0084 may set. Normal diagnostics will not identify the parts/software incompatibility.

Important: The two designs are not compatible with each other (parts or calibration). It is important to verify when the vehicle was built and install the correct parts and software in the vehicle. The parts catalog reflects the part changes and SPS Programming reflects the calibration changes.

Please note the following:

FOR SENSOR REPLACEMENT ONLY

- Any time a vehicle (2007 or 2008) comes in for ONLY a problem that requires the replacement of an Inflatable Restraint Front End Sensor (EFS), the sensor should be replaced with the same design.
- Refer to the table below for correct P/N to update the SDM Operating System and SDM System Calibration using SPS.

FOR BUMPER REPLACEMENT

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- When bumper bar replacement is required on any 2007 and 2008 vehicle, refer to the table below for the correct P/N.
- For vehicles built after 8/5/2007, replace the Inflatable Restraint Front End Sensor (EFS) with P/N 25896408 (2nd design).
- Verify the SDM calibration P/N which is dependent upon the RPO option and build date (see table below).

If the vehicle comes in with the air bag deployed, all appropriate service protocols/bulletins need to be followed, including the ones above.

The table below shows what part numbers and calibration are compatible with each other.

Part	2007 1/2 Ton (1500 Series) First Design	2007 3/4 Ton (2500 Series) First Design	2008 1/2 Ton (1500 Series) Built Before 8/5/2007 First Design	2008 3/4 Ton (1500 Series) Built Before 8/5/2007 First Design	2008 ALL Built after 8/5/2007 Second Design
Bar, Front Bumper Impact	Either 15854109 or 25804691 bumper can be used for 1500 series utility trucks	Only 15854109 should be used on First Design 2500 series utility trucks	Either 15854109 or 25804691 bumper can be used for 1500 series utility trucks	Only 15854109 should be used on First Design 1500 series utility trucks	25804691
Sensor, Front End Inflatable Restraint Discriminating	15854647	15854647	15854647	15854647	25896408
SDM, Operating System	15865556	15865556	25792940	25792940	25792940
SDM, System Calibration Without RPO ASF-Roof Rail Airbags	15926442	15926442	15926442	15926442	25896407
SDM, System Calibration With Roof Rail Airbags RPO ASF and without AS3 or AW2 (Third Row Seat)	15926441	15926441	15926441	15926441	25896406
SDM, System Calibration With Roof Rail Airbags-RPO ASF with AS3 or AW2 (Third Row Seat)	15926440	15926440	15926440	15926440	25890405

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.



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