



Service Bulletin

File in Section: 09 - Restraints

Bulletin No.: 11-09-41-002C

Date: March, 2012

TECHNICAL

Subject: Air Bag Warning Lamp Illuminated, Repeat History DTC B0083 0F – B0088 0F on Vehicles Operated in Amarillo Texas Area

Models: 2010-2012 Cadillac Escalade, Escalade ESV, Escalade EXT, Escalade Hybrid
 2010-2012 Chevrolet Avalanche, Silverado, Silverado Hybrid, Suburban, Tahoe, Tahoe Hybrid
 2010-2012 GMC Sierra, Sierra Denali, Sierra Hybrid, Yukon, Yukon XL, Yukon XL Denali, Yukon Hybrid, Yukon Denali Hybrid
 Built Prior to VIN Breakpoints Below

This bulletin is being revised to add VIN breakpoints. Please discard Corporate Bulletin Number 11-09-41-002B (Section 09 – Restraints).

Plant	2012 VIN Breakpoint
Fort Wayne	CZ196461
Flint	CF156375
Arlington	CR210581
Silao	CG213522

Condition

In extremely rare cases, some customers may comment that the air bag warning lamp is illuminated. This condition may be intermittent and when checking the vehicle for DTCs, the SDM may report B0083, B0084, B0085, B0086, B0087 and/or B0088 with symptom code 0F. The code will be stored in history and may be repeated. The code probably will not be current.

Cause

This condition may be caused by possible electro-magnetic interference (EMI) in the Amarillo, Texas area from external sources such as aviation airspace traffic radar, creating erratic sensor information to the SDM.

Correction

An updated software calibration has been released to address this condition.

BEFORE beginning the programming/reprogramming event, please refer to the Programming/Reprogramming Checklist section in this bulletin.

1. Verify the battery voltage is more than 12 volts but less than 16 volts before proceeding with reprogramming. The battery must be fully charged **BEFORE** reprogramming a control module.
2. During reprogramming, the battery voltage must be maintained within the proper range of 12-15.5 volts. **CONNECT** the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool (EL-49642) to the vehicle or the GR8 (EL50313) in the power supply mode.
 - ⇒ If the above recommended tools are not available, **DO NOT** connect a battery charger to the vehicle. **CONNECT** a fully charged 12V jumper or booster pack that is disconnected from the AC voltage supply.

Notice: It is essential that the TIS terminal, MDI, Tech 2® and/or Scan Tool are updated with the latest software available.

3. Verify that the devices being used are updated with the latest available software version **BEFORE** beginning the reprogramming event.
4. **BEFORE** beginning reprogramming you **MUST** refer to **Control Module References** in SI for the appropriate Programming and Setup procedures.

5. If a wireless connection will be used for reprogramming, a secure service department connection **MUST** be used. **DO NOT** use any public WiFi connection from the customer lounge.
6. Reprogram the SDM using the Service Programming System (SPS) with the latest calibrations available on TIS2WEB. Refer to the SPS procedures in SI.

Programming/Reprogramming Checklist

- Turn OFF or disable any electrical system, accessory or component that may put an additional electrical load on the vehicle battery during reprogramming.
- Only program a module when you have been instructed to by Service Information (SI), a Bulletin, TAC or a Techline operator.
- You **MUST** refer to **Control Module References** in SI for the appropriate Programming and Setup procedures.
- Thoroughly review the Service Programming System (SPS) in SI **BEFORE** reprogramming any module.
- Some modules will require specific additional programming setup events to be performed **BEFORE** reprogramming. Refer to **Control Module References** for the appropriate Programming and Setup procedures in SI.
- Capture and record the Engine Oil Life Remaining information. Record the Engine Oil Life Remaining as a percentage (%).
- Follow all on-screen instructions in SPS. Verify that the ignition switch is in the proper position.
- If a wireless connection will be used for reprogramming, a secure service department connection **MUST** be used. **DO NOT** use any public WiFi connection from the customer lounge.

- **DO NOT** run other programs on the computer while reprogramming.
- Use the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool EL-49642) or the GR8 (EL50313) in the power supply mode.
- **DO NOT** disturb the vehicle, programming device(s) or operate any of its features during reprogramming.
- Some modules will require specific additional programming setup events to be performed **AFTER** reprogramming. Refer to **Control Module References** for the appropriate Programming and Setup procedures in SI.
- Use a Scan Tool to reset the Engine Oil Life Remaining information to the previous percentage (%) that was recorded before starting the reprogramming event.
- Verify that all DTCs are cleared after performing the reprogramming event.
- In the event of an interrupted or unsuccessful reprogramming event, document the SPS Error. **DO NOT** cycle the ignition. **DO NOT** replace the SDM. Refer to the latest version of PI0592 – Service Programming System (SPS) Errors in SI.
- If further assistance is required call Techline at 1-800-828-6860 (English) or 1-800-503-3222 (French).

Warranty Information

For vehicle repaired under warranty, use:

Labor Operation	Description	Labor Time
C9501*	Reprogram SDM with SPS	0.4 hr
*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.		

