



**ADMINISTRATIVE MESSAGE**

RECEIVED  
2003 JUL 15 P 3:48  
OFFICE OF DEFECTS  
INVESTIGATION

Message Author: Ginger Berna  
Template Type: Standard  
Author's Division/Department: Warranty Information  
Status: Forwarded  
Message Date: 06/30/2003  
Message Number: WJR20838017

**Message Criteria/Information**

<b>Dealer Recipient Criteria:</b>	
Exclude SAC(s):	
Originating Dept:	
Subject:	Upcoming Product Safety Recall Fuel Tank Pressure Sensor
Actionable Item:	Information Only
<b>Actionable Item Details:</b>	
Contact Person: (for Wholesale)	Name: Loren Rusk      Phone: Email: Loren.Rusk@GM Fax:
Contact Person: (for Wholesale)	Name:      Phone: Email:      Fax:
Contact Person: (for Dealership)	Name:      Phone: Email:      Fax:
Functional Role(s): (Recommended Distribution):	Dealer, General Manager, Parts Manager, Sales Manager, Service Manager, Used Car Manager

**Message Categorization Information**

Message Type:	Recalls
Revision Reference:	

**Message Retention**

Release Date:	06/30/2003
Archive Date:	07/30/2003

Dealer Salutation: TO: ALL CADILLAC, OLDSMOBILE AND PONTIAC DEALERS  
ATTN: DEALER OPERATOR, GENERAL MANAGER, SALES MANAGER,  
USED CAR MANAGER, SERVICE MANAGER AND PARTS MANAGER

**GM SERVICE AND PARTS OPERATIONS**  
**DCS1081**  
**URGENT - DISTRIBUTE IMMEDIATELY**

DATE: June 30, 2003  
SUBJECT: Upcoming Product Safety Recall  
Fuel Tank Pressure Sensor  
MODELS: 2002-2003 Cadillac DeVille and Seville, Oldsmobile  
Aurora and Pontiac Bonneville

**TO:** All Cadillac, Oldsmobile and Pontiac Dealers

**ATTENTION:** Dealer Operator, General Manager, Sales Manager,  
Used Car Manager, Service Manager and  
Parts Manager

Based on information from the National Highway Traffic Safety Administration (NHTSA) web site, the media may report that General Motors will be announcing a safety recall involving certain 2002-2003 Cadillac DeVille and Seville, Oldsmobile Aurora and Pontiac Bonneville model vehicles equipped with high output engines.

These vehicles have a fuel tank pressure sensor that may malfunction. A malfunctioning fuel tank pressure sensor can create a vacuum in the tank assembly that can compress the fuel tank. The collapsed fuel tank can damage other fuel system components.

To correct this condition, dealers will replace the fuel tank pressure sensor with a redesigned sensor on all involved vehicles. If necessary, other damaged fuel system components will be replaced. Of course, these repairs will be performed at no cost to the customers.

There are approximately 106,000 vehicles involved. GM is working with its suppliers as quickly as it can to obtain the parts needed to correct this condition. Based on the anticipated schedule, we do not plan on announcing this recall until the fourth quarter of 2003. GMVIS information will not be available until the recall is formally announced.

Listed below are some questions and answers to assist in responding to possible customer inquiries.

- Q1:** What is the condition that prompted a safety recall?  
**A1:** Some 2002-03 Cadillac DeVille and Seville, Pontiac Bonneville, and Oldsmobile Aurora vehicles equipped with high output engines have a fuel tank pressure sensor that may malfunction. Higher output engines have higher fuel flow and/or fuel pressure rates. These models include Bonneville SSEi supercharged V8, DeVille/Seville DOHC V8 (4.6L), and Aurora DOHC V8 (4.0L) engines.
- Q2:** What might occur as a result of this condition?  
**A2:** A malfunctioning fuel tank pressure sensor can result in excessive vacuum in the fuel system that can damage system components and create the potential for a leak during refueling.
- Q3:** Is there reason for being concerned about this condition?  
**A3:** If an ignition source is present and a fuel leak occurs, a fire could

result.

- Q4:** How would a vehicle owner realize the condition exists?  
**A4:** Other symptoms could include illumination of the Service Engine Soon light, poor driveability, increased noise from the tank area and inaccurate fuel gauge readings.
- Q5:** Are all of the vehicles involved in this recall passenger cars?  
**A5:** Most are passenger cars. Cadillac DeVille funeral coaches and limousines also are involved in this recall.
- Q6:** Where is the fuel tank pressure sensor?  
**A6:** The fuel tank pressure sensor is mounted on the top of the fuel sender, which is on top of the fuel tank.
- Q7:** How many incidents of the condition have been reported to GM?  
**A7:** There are 14 reports of fuel leakage related to this condition in these vehicles.
- Q8:** Have there been any reports of fires, crashes, or injuries related to this condition?  
**A8:** There have been no reports of fire, claims of property damage, crashes, or injuries related to fuel leakage.
- Q9:** How was this condition discovered?  
**A9:** GM's investigation was initiated when it received a report of a damaged fuel tank. After an analysis, GM voluntarily initiated this field action.
- Q10:** What was the cause of the condition?  
**A10:** A series of low-level electrical pulses causes electrostatic discharge (ESD) and/or electrical feedback transfer through the ground wire of the fuel tank pressure sensor. This electrical overstress causes the fuel tank pressure sensor to malfunction.
- Q11:** Can any of these electrical events trigger a fire?  
**A11:** No.
- Q12:** What will GM do to correct this condition on the subject vehicles?  
**A12:** Cadillac, Pontiac, and Oldsmobile dealers will replace the fuel tank pressure sensor with a redesigned sensor on all involved vehicles. If necessary, other damaged fuel system components will be replaced. These repairs will be performed at no cost to the customers.
- Q13:** Can owners bring in their vehicles for repair right away?

- A13:** No. The recall begins during the fourth quarter of 2003.
- Q14:** Why are you waiting until the fourth quarter to conduct this recall?
- A14:** At this time, there is not a sufficient enough quantity of parts. GM is working with the supplier to expedite available parts. GM expects to begin notifying owners as soon as enough parts are available.
- Q15:** Is it safe to drive these vehicles?
- A15:** Yes. These vehicles meet all federal safety standards. If owners experience any of the symptoms or if the vehicle is not functioning properly, they should contact their dealers. Owners can continue to drive their vehicles if they are not experiencing any of the symptoms summarized in Q/A 4. Owners should bring their vehicles to the dealers as soon as they receive their notification letters.

**END OF MESSAGE  
GM SERVICE AND PARTS OPERATIONS**

**VSSM Library Fields**

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