



U.S. Department of Transportation  
**National Highway Traffic Safety  
Administration**

1200 New Jersey Avenue SE  
Washington, DC 20590

September 9, 2016

Mr. Brian Latouf  
Director, Field Product Investigations and Evaluations  
General Motors LLC  
30001 Van Dyke - Mail Code 480-210-2V  
Warren, MI 48090-9055

NEF-150SM  
16V-651

**Subject:** Frontal Air Bags May Not Deploy

Dear Mr. Latouf:

This letter serves to acknowledge General Motors LLC's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

BUICK/ENCORE/2014-2017  
BUICK/LACROSSE/2014-2016  
CADILLAC/ESCALADE/2015-2017  
CADILLAC/ESCALADE ESV/2015-2017  
CHEVROLET/CAPRICE POLICE PURSUIT/2014-2017  
CHEVROLET/CORVETTE/2014-2017  
CHEVROLET/SILVERADO 1500/2014-2017  
CHEVROLET/SILVERADO 2500/2015-2017  
CHEVROLET/SILVERADO 3500/2015-2017  
CHEVROLET/SPARK EV/2014-2016  
CHEVROLET/SS/2014-2016  
CHEVROLET/SUBURBAN/2015-2017  
CHEVROLET/TAHOE/2015-2017  
CHEVROLET/TRAX/2014-2017  
GMC/SIERRA 1500/2014-2017  
GMC/SIERRA 2500/2015-2017  
GMC/SIERRA 3500/2015-2017  
GMC/YUKON/2015-2017  
GMC/YUKON XL/2015-2017

**Mfr's Report Date:** September 8, 2016

**NHTSA Campaign Number:** 16V-651

**Components:**

AIR BAGS:FRONTAL  
AIR BAGS:FRONTAL:SENSOR/CONTROL MODULE  
SEAT BELTS:PRETENSIONER

**Potential Number of Units Affected:** 3,640,162

**Problem Description:**

General Motors LLC (GM) is recalling certain model year 2015-2017 Chevrolet Silverado 2500 HD, 3500 HD, Tahoe, Suburban, GMC Sierra 2500 HD and 3500 HD, GMC Yukon, GMC Yukon XL, Cadillac Escalade and Cadillac Escalade ESV vehicles and 2014-2017 Chevrolet Corvette, Silverado 1500, Trax, Caprice Police Pursuit Vehicle, GMC Sierra 1500, Buick Encore, and 2014-2016 Buick Lacrosse, Chevrolet Spark EV and SS vehicles. In the affected vehicles, certain driving conditions may cause the air bag sensing and diagnostic module (SDM) software to activate a diagnostic test. During this test, deployment of the frontal air bags and the seat belt pretensioners would not occur in the event of a crash.

**Consequence:**

A failure of the front air bags or seat belt pretensioners to deploy in the event of a crash necessitating deployment increases the risk of injury to the driver and front passenger.

**Remedy:**

GM will notify owners, and dealers will reflash the SDM software. Vehicles that have had a previous air bag deployment will have the SDM replaced. These repairs will be performed free of charge. The manufacturer has not yet provided a notification schedule. Owners may contact Buick customer service at 1-800-521-7300, Cadillac customer service at 1-800-458-8006, Chevrolet customer service at 1-800-222-1020, or GMC customer service at 1-800-462-8782. GM's number for this recall is 16007.

**Notes:**

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [www.safercar.gov](http://www.safercar.gov).

Please be reminded of the following requirements:

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

You are required to provide an estimated date including month, day, and year, when you will send notifications to owners, dealers, and distributors as soon as it becomes available. Please be reminded that it is required that owners be notified of a safety defect in their vehicles within 60 days of a manufacturer's notification to NHTSA of a safety defect in those vehicles.

Please be reminded that under 49 U.S.C. § 30112(a)(3), it is illegal for a manufacturer, to sell, offer for sale, import, or introduce or deliver into interstate commerce, a motor vehicle or item of motor vehicle equipment that contains a safety defect once the manufacturer has notified NHTSA about that safety defect. This prohibition does not apply once the motor vehicle or motor vehicle equipment has been remedied according to the manufacturer's instructions.

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter.

Your contact for this recall will be Sarah Mcshane who may be reached by phone at 202-366-7401, or by email at [sarah.mcshane@dot.gov](mailto:sarah.mcshane@dot.gov) or through the office email at [rmd.odi@dot.gov](mailto:rmd.odi@dot.gov). We look forward to working with you.

Sincerely,



Jennifer Timian  
Chief, Recall Management Division  
Office of Defects Investigations  
Enforcement