

Safety Issue Type: Recalls

September 06 2019 NHTSA Campaign Number: 19V645000

Vacuum Pump May Decrease Power Brake Assist

As the vacuum level drops, the brake assist decreases, increasing braking effort, extending the distance required to stop the vehicle, thereby increasing the risk of a crash.

NHTSA Campaign Number 19V645000

Manufacturer General Motors LLC

Components SERVICE BRAKES, HYDRAULIC

Potential Number of Units Affected 3456111

Summary

General Motors LLC (GM) is recalling certain 2015-2017 Cadillac Escalade, 2014-2018 Chevrolet Silverado, GMC Sierra, 2015-2018 Chevrolet Suburban, Tahoe, GMC Yukon vehicles. The amount of vacuum created by the vacuum pump may decrease over time.

Remedy

GM will notify owners, and dealers will reprogram the Electronic Brake Control Module, free of charge. The manufacturer has not yet provided a notification schedule. Owners may contact Chevrolet customer service at 1-800-630-2438, Cadillac customer service at 1-800-458-8006 or GMC customer service at 1-800-462-8782. GM's number for this recall is N192268490.

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.

Affected Products (45)

Vehicle

MAKE	MODEL	YEAR
CADILLAC	ESCALADE	2015-2017
CHEVROLET	SILVERADO 1500	2014-2018
CHEVROLET	SILVERADO 2500	2014-2018
CHEVROLET	SILVERADO 3500	2014-2018
CHEVROLET	SUBURBAN	2015-2018
CHEVROLET	TAHOE	2015-2018
GMC	SIERRA 1500	2014-2018
GMC	SIERRA 2500	2014-2018
GMC	SIERRA 3500	2014-2018
GMC	YUKON	2015-2018

Associated Documents (5)

Recall Acknowledgement

RCAK-19V645-5441.pdf 244.883KB
<https://static.nhtsa.gov/odi/rcl/2019/RCAK-19V645-5441.pdf>

Defect Notice 573 Report
RCLRPT-19V645-8858.PDF 218.36KB
<https://static.nhtsa.gov/odi/rcl/2019/RCLRPT-19V645-8858.PDF>

Safety Bulletin
RCSB-19V645-6988.pdf 243.842KB
<https://static.nhtsa.gov/odi/rcl/2019/RCSB-19V645-6988.pdf>

Frequently Asked Questions (FAQs) for Safety Recall N192268490
Increased Brake Pedal Effort
RMISC-19V645-1173.pdf 88.693KB
<https://static.nhtsa.gov/odi/rcl/2019/RMISC-19V645-1173.pdf>

Manufacturer Notices(to Dealers,etc) - Date: September 6, 2019
Subject: N192268490 - Safety Recall
Increased Brake Pedal Effort
RCMN-19V645-1822.pdf 11.467KB
<https://static.nhtsa.gov/odi/rcl/2019/RCMN-19V645-1822.pdf>

Investigations (1)

Brake Vacuum Pump Failure
NHTSA ID PE18012
Date Opened November 20 2018

The Office of Defects Investigation (ODI) has received 111 reports of hard brake pedal effort accompanied by extended stopping distance in model years (MY) 2014 to 2016 General Motors (GM) light trucks based on the K2XX platform, 1500 series Pickup Trucks and Sport Utility Vehicles (Silverado, Sierra, Suburban, Yukon, Tahoe, Escalade). These conditions are attributed to deterioration of the engine-driven brake assist vacuum pump. Nine of these incidents included vehicles incurring damage as a result colliding with another vehicle or fixed object at low speeds.

The brake assist vacuum pump is driven by an accessory belt on the engine and serves as the source of power brake vacuum in the subject vehicles. Over time, the pump's capacity to generate vacuum may deteriorate. The subject vehicles receive supplemental hydraulic brake assist from the ABS system, albeit at lower levels than the vacuum-powered primary system. If the brake assist vacuum pump fails to operate as intended, the amount of brake power assist supplied to the driver can be significantly reduced, extending the subject vehicle stopping distance.

A Preliminary Evaluation has been opened to assess the scope, frequency, circumstances, and safety consequences of the alleged defect.

The ODI complaints cited above can be viewed at www.nhtsa.gov under the following ODI identification numbers: 11143759, 11143710, 11143349, 11142826, 11142685, 11142544, 11142374, 11140624, 11140321, 11139980, 11139614, 11139210, 11132847, 11132455, 11131903, 11131066, 11128191, 11124506, 11124227, 11123463, 11121979, 11121611, 11102448, 11101165, 11099906, 11121172, 11119847, 11118984, 11118870, 11111834, 11115151, 11114340, 11113548, 11112722, 11110640, 11110393, 11110264, 11105051, 11104203, 11103906, 11104097, 11101822, 11102108, 11100297, 11099907, 11098785, 11097335, 11094026, 11011875, 11090358, 11089691, 11089278, 11089173, 11088926,

11084934, 11084610, 11082247, 11078820, 11072654, 11065323, 11056319, 11081406,
11072905, 11075730, 11067395, 11056635, 11055292, 11021419, 11065274, 11064605,
11064080, 11063087, 11056908, 11054734, 11054123, 11053444, 11067234, 11048544,
11048333, 11046974, 11045731, 11044677, 11031984, 11030722, 11030016, 11025403,
11022709, 11020372, 11003691, 10995134, 11047239, 11043192, 11034792, 11034518,
11033883, 11032103, 11030685, 11021601, 11006271, 11002554, 11001423, 10991595,
11013706, 10984684, 10967071, 11119907, 11083289, 11062858, 11047981, 11041607,
11021253