

Part 573 Safety Recall Report

16V-868

Manufacturer Name : General Motors LLC

Submission Date : NOV 28, 2016

NHTSA Recall No. : 16V-868

Manufacturer Recall No. : 16145



Manufacturer Information :

Manufacturer Name : General Motors LLC

Address : 30001 VAN DYKE
MAIL CODE 480-210-2V WARREN MI
48090

Company phone : 5961733

Population :

Number of potentially involved : 49,927

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2010-2014 Chevrolet Tahoe PPV

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2010-2014 Chevrolet Tahoe PPV vehicles

Production Dates : AUG 24, 2009 - DEC 01, 2013

VIN Range 1 : Begin : NR End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2010 – 2014 Chevrolet Tahoe vehicles with special equipment options for police or government service. Under heavy police use conditions, the passenger-side under-hood cooling fan assembly in these vehicles may be susceptible to repeated fluid intrusion, which could lead to corrosion of wiring inside the fan motor over time. Such corrosion can, under certain conditions, cause an electrical short circuit.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A short circuit caused by corrosion can create elevated temperatures within the fan motor, which can increase the risk of an engine-compartment fire while the vehicle is running.

Description of the Cause : Under heavy police use conditions, the passenger-side under-hood cooling fan assembly in these vehicles may be susceptible to repeated fluid intrusion, which could lead to corrosion of wiring inside the fan motor over time. Such corrosion can under certain conditions cause an electrical short circuit.

Identification of Any Warning NR
that can Occur :

Supplier Identification :

Component Manufacturer

Name : Robert Bosch LLC
Address : 15000 North Haggerty Road
Plymouth 48170
Country : NR

Chronology :

see attached

Description of Remedy :

Description of Remedy Program : Dealers will replace the affected fan motor and shroud, extend wiring and re-orient the fan motor to reduce the risk of corrosion. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 20, 2015.

How Remedy Component Differs from Recalled Component : Replacement shroud is redesigned to provide fluid drainage for the right side cooling fan orientation.

Recalled Component Name: 6K1 0700A Fan Asm-Eng Clr
Recalled Component Description: Engine Cooling Fan
Recalled Component Part Number: 20923003, 20923004
Recalled Component Country of Origin: U.S.

Identify How/When Recall Condition was Corrected in Production : This cooling fan design was not used in this vehicle after the 2014 model year.

Recall Schedule :

Description of Recall Schedule : GM will provide notification dates once they are available.
Planned Dealer Notification Date : NR - NR
Planned Owner Notification Date : NR - NR

* NR - Not Reported