# Part 573 Safety Recall Report

| Manufacturer Name :       | General Motors LLC |
|---------------------------|--------------------|
| Submission Date :         | NOV 28, 2016       |
| <b>NHTSA Recall No. :</b> | 16V-868            |
| Manufacturer Recall No. : | 16145              |
|                           |                    |

### Manufacturer Information :

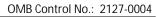
Manufacturer Name : General Motors LLC Address : 30001 VAN DYKE MAIL CODE 480-210-2V WARREN MI 48090 Company phone : 5961733

## Vehicle Information :

| Vehicle 1:                | 2010-2014 Chevrolet Tahoe   | PPV                   |                  |
|---------------------------|-----------------------------|-----------------------|------------------|
| Vehicle Type :            |                             |                       |                  |
| Body Style :              |                             |                       |                  |
| Power Train :             | NR                          |                       |                  |
| Descriptive Information : | Certain 2010-2014 Chevrole  | et Tahoe PPV vehicles |                  |
| Production Dates :        | AUG 24, 2009 - DEC 01, 2013 | 3                     |                  |
| 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<br>exists in certain 2010 – 2014 Chevrolet Tahoe vehicles with special equipment<br>options for police or government service. Under heavy police use conditions,<br>the passenger-side under-hood cooling fan assembly in these vehicles may be<br>susceptible to repeated fluid intrusion, which could lead to corrosion of wiring<br>inside the fan motor over time. Such corrosion can, under certain conditions,<br>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<br>assembly in these vehicles may be susceptible to repeated fluid intrusion,<br>which could lead to corrosion of wiring inside the fan motor over time. Such<br>corrosion can under certain conditions cause an electrical short circuit.   |
|                                  |   |





**Population :** 

# 16V-868

🔂 🔨 🛝

Number of potentially involved : 49,927 Estimated percentage with defect : 100 %

# **Part 573 Safety Recall Report**

16V-868

Page 2

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<br>re-orient the fan motor to reduce the risk of corrosion. Pursuant to<br>577.11, GM will provide reimbursement to owners for repairs according to<br>the plan submitted on May 20, 2015.  |
|--|---|
| <b>5</b>   | Replacement shroud is redesigned to provide fluid drainage for the right<br>side cooling fan orientation.<br>Recalled Component Name: 6K1 0700A Fan Asm-Eng Clr<br>Recalled Component Description: Engine Cooling Fan<br>Recalled Component Part Number: 20923003, 20923004<br>Recalled Component Country of Origin: U.S. |
| dentify How/When Recall Condition<br>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

The information contained in this report was submitted pursuant to 49 CFR §573