



Service Bulletin



SERVICE UPDATE

SUBJECT: Service Update for Inventory and Customer Vehicles
Sensing and Diagnostic Module (SDM) Inertial Measurement Unit (IMU) Re-Learn
Expires with Base Warranty

MODELS: 2014 Chevrolet SS
2014 Chevrolet Caprice Police Patrol Vehicle (PPV)

This service update includes vehicles in dealer inventory and customer vehicles that return to the dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited Warranty period.

PURPOSE

This bulletin provides a service procedure to reprogram the Sensing and Diagnostic Module (SDM) on certain 2014 model year Chevrolet SS and Chevrolet PPV vehicles. After service replacement of SDMs which contain the Inertial Measurement Unit (IMU), the IMU sensor should be re-zeroed. The SDM set up procedure which is run after replacement did not have the process to re-zero the IMU sensor for these vehicles. This omission does not impact airbag performance; however, some Electronic Brake Control Modules (EBCM) will not activate the Hill Hold Assist (HAS) feature until this process is performed.

This service procedure should be completed as soon as possible on involved vehicles currently in dealer inventory and customer vehicles that return to the dealer for any type of service during the New Vehicle Limited Warranty coverage period.

VEHICLES INVOLVED

All involved vehicles are identified by VIN in the Global Warranty Management System – Investigate Vehicle History Application. Dealership technicians should always check this site to confirm vehicle involvement prior to beginning any required inspections and/or repairs. It is important to routinely use this tool to verify eligibility because not all similar vehicles may be involved regardless of description or option content.

PART INFORMATION

No parts are required.

SERVICE PROCEDURE

1. Re-zero the internal measurement unit (IMU) sensor by performing a yaw sensor learn. Refer to *Vehicle Yaw Sensor Learn* in SI.

WARRANTY TRANSACTION INFORMATION

Submit a transaction using the table below. All transactions should be submitted as a ZFAT transaction type, unless noted otherwise.

Labor Code	Description	Labor Time
9100997	Yaw Sensor Learn	0.3

DEALER PROGRAM RESPONSIBILITY

Whenever a vehicle subject to this service update enters your vehicle inventory, or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.



GM CUSTOMER CARE AND AFTERSALES
DCS3390
URGENT - DISTRIBUTE IMMEDIATELY

Date: October 8, 2014

Subject: 14516 – Service Update Bulletin
Sensing and Diagnostic Module (SDM) Inertial Measurement
(IMU) Re-Learn

Models: 2014 Chevrolet SS
2014 Chevrolet Caprice Police Patrol Vehicle (PPV)

To: All Chevrolet Dealers

Attention: General Manager, Service Advisor, Service Manager, Parts and
Service Director, Parts Manager, New Vehicle Sales Manager,
and Warranty Administrator

General Motors is releasing Service Update Bulletin 14516 today. The total number of U.S. vehicles involved is approximately 4. Please see the attached bulletin for details.

Global Warranty Management (GWM)

The “Investigate Vehicle History” (IVH) screen will be updated October 9, 2014. A list of involved vehicles is attached to this message.

END OF MESSAGE
GM CUSTOMER CARE AND AFTERSALES