



Service Bulletin



SERVICE UPDATE

SUBJECT: Service Update for Inventory and Customer Vehicles
Incorrect Battery Current Sensor on Negative Battery Cable Assembly
Expires with Base Warranty

MODELS: 2013 Cadillac Escalade, Escalade ESV
2013 Chevrolet Tahoe, Suburban
2013-2014 Chevrolet Captiva, Captiva Sport
2014 Chevrolet Silverado
2013 GMC Yukon, Yukon XL
2014 GMC Sierra

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 inspect and, if necessary, replace the battery current sensor on **certain** 2013 model year Cadillac Escalade, Escalade ESV; Chevrolet Tahoe, Suburban; GMC Yukon, Yukon XL; 2013-2014 model year Chevrolet Captiva, Captiva Sport; and 2014 model year Chevrolet Silverado and Sierra vehicles. An incorrect battery current sensor may have been installed on the negative battery cable assembly. This could cause an incorrect reading of the battery state of charge, resulting in under charging of the battery.

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.

Additionally, a list of involved vehicles currently in dealer inventory is available on the “Service Update Bulletin Information” link under the “Service” tab in GM GlobalConnect (US) or attached to the GlobalConnect message (Canada) used to release this bulletin. Customer vehicles that return for service, for any reason, and are still covered under the vehicle's base warranty should also be checked for vehicle eligibility.

PART INFORMATION

Parts required to complete this service update are to be obtained from General Motors Customer Care and Aftersales (GMCC&A). Please refer to your “involved vehicles listing” before ordering parts. Normal orders should be placed on a DRO = Daily Replenishment Order. In an emergency situation, parts should be ordered on a CSO = Customer Special Order.

Important: It is estimated that only 10% of involved vehicles will require part replacement. Please do not order parts as shelf stock.

Part Number	Description	Quantity/Vehicle
22846471	CABLE, BAT NEG (5.3L/6.2L)	1
23164976	CABLE, BAT NEG (4.3L)	1
22757924	CABLE, BAT POS & NEG (2.4L)	1
22908602	CABLE, BAT POS & NEG (3.0L)	1

SERVICE PROCEDURE

An incorrect battery current sensor may have been installed on the negative battery cable assembly. Perform the inspection procedure below to determine if an incorrect battery current sensor was installed.

1. Open the hood of the vehicle.
2. Locate the negative battery cable. The battery current sensor is attached to the negative battery cable.



Note: The battery current sensor part number is located on the backside of the sensor. Use a mirror and light to read the part number. If you cannot read the part number with a mirror and light, disconnect the sensor to read the part number. Refer to photograph. Portion 'A' of the photograph shows the correct part number for the battery current sensor. Portion 'B' of the photograph shows an incorrect part number for the battery current sensor.

3. Determine the part number on the battery current sensor.
 - If the battery current sensor part number is 13505369, the correct battery current sensor is installed on the negative battery cable. No further action is required.
 - If the battery current sensor part number is BT4T-14B357-AA, the incorrect battery current sensor is installed on the negative battery cable. Proceed to step 4.
4. Remove the negative battery cable from the vehicle. Refer to *Battery Negative Cable Replacement* or *Battery Positive and Negative Cable Replacement* in SI.
5. Install a new negative battery cable. Refer to *Battery Negative Cable Replacement* or *Battery Positive and Negative Cable Replacement* 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
9100072	Inspect Negative Battery Cable Current Sensor – No Further Action Req'd	0.2
9100073	Inspect & Replace Negative Battery Cable - All vehicles Except Captiva - Captiva - Captiva Sport - 3.0L Engine - 2.4L Engine	0.8 0.4 0.6 1.4

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.

