



GM Bulletin No.: 15684  
Date: August 2015

# Service Bulletin

*SB-10059123-3459*

## SERVICE UPDATE

**SUBJECT:** Service Update for Inventory and Customer Vehicles  
Main Engine Harness Wire Chafe  
Expires with Base Warranty

**MODELS:** 2016 Cadillac ATS-V

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, reposition the main engine-wiring harness on **certain** 2016 model year Cadillac ATS-V vehicles. In some of these vehicles, the orientation of the main-engine wiring harness could cause the wires to contact and chafe against the right-front valve cover bolt and washer. If the engine-wiring harness insulation is compromised, the vehicle's tachometer, powertrain, and automatic-braking systems could be effected. While this condition could—if uncorrected—cause a loss of propulsion or the activation of the automatic braking system, GM has no reports indicating that either event has occurred on a vehicle in the field.

**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 can be found in GlobalConnect, under Departments, Service, Field Action Inventory Reports (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**

<b>Part Number</b>	<b>Description</b>	<b>Quantity/Vehicle</b>
06147	*3-M Scotch Electrical Moisture Sealant Roll or equivalent	1 (Submit as Net Item)

\*Obtain 3M Scotch Electrical Moisture Sealant Roll or equivalent locally.

**SERVICE PROCEDURE**

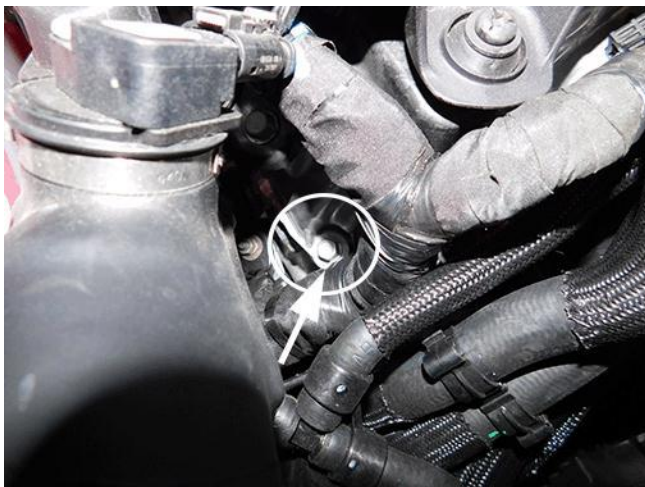
1. Open hood and install fender covers.



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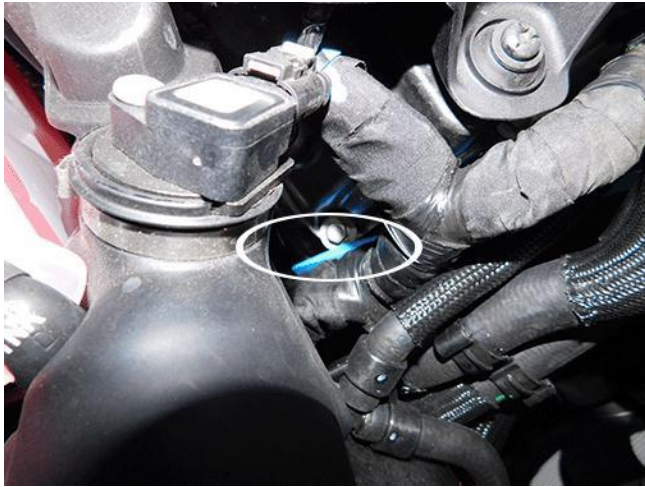
**Note:** Do not remove the intake snorkel from the turbo charger.

2. Inspect the engine harness for any rub through and/or chafing from the cam cover bolt by loosening the right intake snorkel clamp and moving the snorkel out of the way. If any damage to the engine harness is found, refer to SI for wire repair.



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**Note:** There should be no contact between the cam cover bolt and the harness.



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3. Using a nylon trim tool or equivalent, insert the tool between the engine wiring harness and cam cover bolt and make sure there is a 5 mm (3/16 inch) space in between.
  - If there is enough space, inspection is complete and no further action required.
  - If there is not 5 mm (3/16 inch) of space between the harness and the cam cover bolt, continue to step 4.

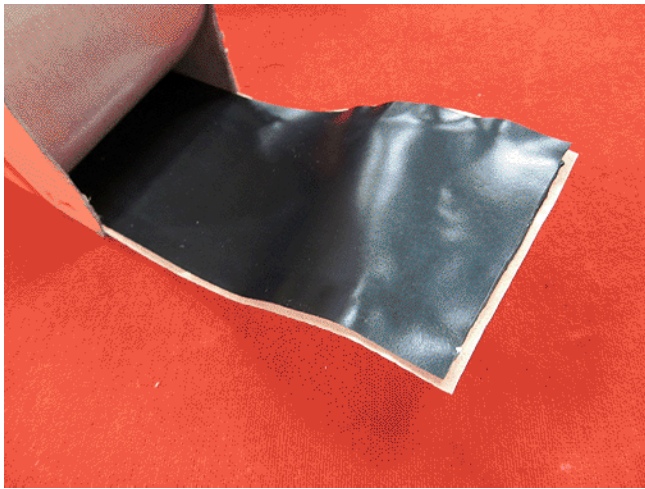


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4. Loosen the engine harness bracket nut. **DO NOT REMOVE.**



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5. Prepare a 100mm (2.0 in.) section of 3-M Scotch Electrical Moisture Sealant Roll #06147, or the equivalent.



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6. Install the material over the engine harness.
7. With the engine harness bracket loose, insert the nylon trim tool or equivalent in between the harness and the cam cover bolt. Push away the harness from the cam cover bolt.
  - If there is not enough space to insert the nylon trim tool, gently pull the harness away from the cam cover bolt to ensure there is a 5 mm (3/16 inch) space in between.
8. With the nylon trim tool in place, tighten the engine harness bracket bolt to 9 Nm (80 in.lb).
9. Install the right intake snorkel and tighten the clamp.
10. Remove fender covers and close hood.

**WARRANTY TRANSACTION INFORMATION**

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

<b>Labor Code</b>	<b>Description</b>	<b>Labor Time</b>	<b>Net Item</b>
9101716	Inspect Engine Wire Harness	0.2	*
9101717	Reposition Engine Wire Harness Repair if Required (Incl. Inspect.) ADD: Wire Repair	0.4 0.0-0.3	* N/A

\* The amount identified in "Net Item" should represent the actual cost of the 3M Scotch Electrical Moisture Sealant or equivalent needed to perform the required repairs, not to exceed \$1.16 USD/CAD

**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.

