



Bulletin No.: 14574
Date: April 2015

Recall Bulletin

PRODUCT SAFETY RECALL

SUBJECT: Engine Oil Leak on Exhaust Manifold

MODELS: 2004 Buick Regal
2004 Chevrolet Impala
2004 Chevrolet Monte Carlo
Equipped with a 3.8L V6 engine (L36 or L67)

It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied.

All involved vehicles that are in dealer inventory must be held and not delivered to customers, dealer traded, or used for demonstration purposes until the repair contained in this bulletin has been performed on the vehicle.

CONDITION

General Motors has decided that a defect which relates to motor vehicle safety exists in **certain** 2004 model year Buick Regal, Chevrolet Impala, and Chevrolet Monte Carlo vehicles equipped with a 3.8L V6 engine (L36/L67). Certain of these vehicles have a condition in which drops of engine oil may be deposited on the exhaust manifold through hard braking. If this condition occurs, and if a hot surface ignition source is present, an engine compartment fire could occur.

CORRECTION

Dealers are to remove the spark plug wire retainer and install alternate wire retainers. For vehicles with the 3.8L V6 supercharged engine (RPO L67), dealers are to also replace the front (left hand) rocker cover gasket.

VEHICLES INVOLVED

All involved vehicles are identified by Vehicle Identification Number on the Investigate Vehicle History screen in GM Global Warranty Management system. Dealership service personnel 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.

For dealers with involved vehicles, a listing with involved vehicles containing the complete vehicle identification number, customer name, and address information has been prepared and will be provided to US and Canadian dealers through the GM GlobalConnect Recall Reports. Dealers will not have a report available if they have no involved vehicles currently assigned.

The listing may contain customer names and addresses obtained from Motor Vehicle Registration Records. The use of such motor vehicle registration data for any purpose other than follow-up necessary to complete this recall is a violation of law in several states/provinces/countries. Accordingly, you are urged to limit the use of this report to the follow-up necessary to complete this recall.

PART INFORMATION

Parts required to complete this recall 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.

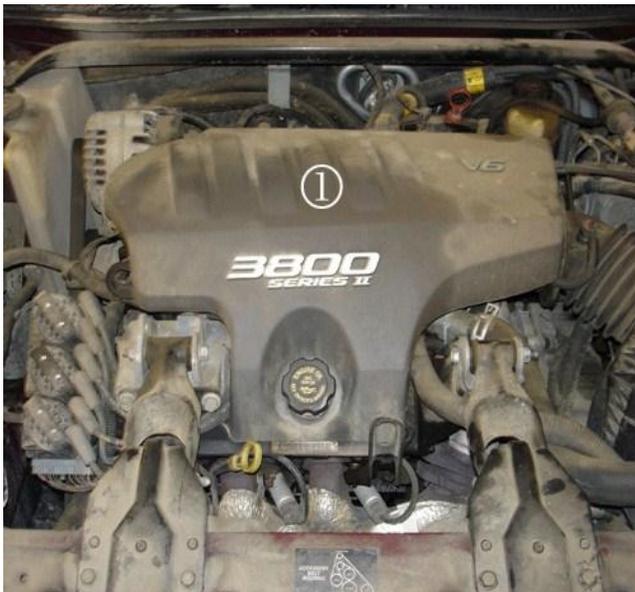
Equipped with 3.8L V6 Naturally Aspirated Engine (RPO L36 – VIN K)

Part Number	Description	Quantity/Vehicle
88891792	Retainer, S Plug Wire (4-wire, 7mm)	1
12132229	Retainer, S Plug Wire (2-Wire, 7mm)	1

Equipped with 3.8L V6 Supercharged Engine (RPO L67 – VIN 1)

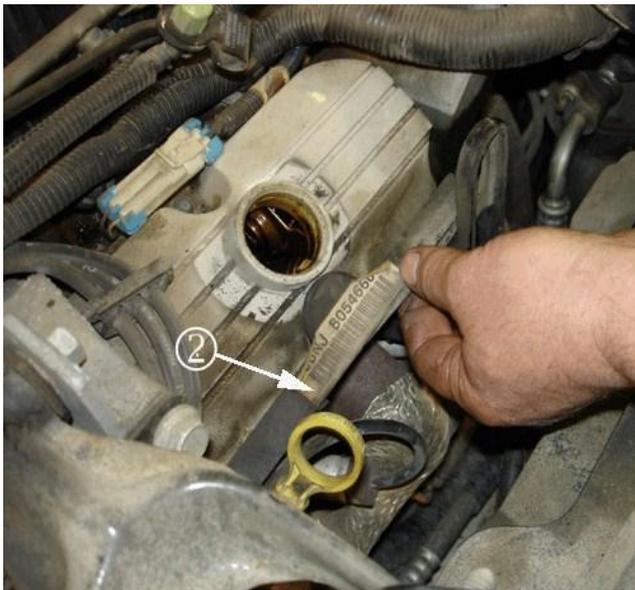
Part Number	Description	Quantity/Vehicle
*24503937	Gasket, VLV RKR ARM CVR	1
25534749	Grommet, VLV RK R ARM C VR Bolt	6
88891792	Retainer, S Plug Wire (4-wire, 7mm)	1
12132229	Retainer, S Plug Wire (2-wire, 7mm)	1
12345382 (US) 10953489 (CN)	Medium Strength Thread Locker (Blue)	As Required

*** This part may be on an order writing control. All orders must be placed CSO, DRO will cancel.**

SERVICE PROCEDUREEquipped with 3.8L V6 Naturally Aspirated Engine (RPO L36 – VIN K)

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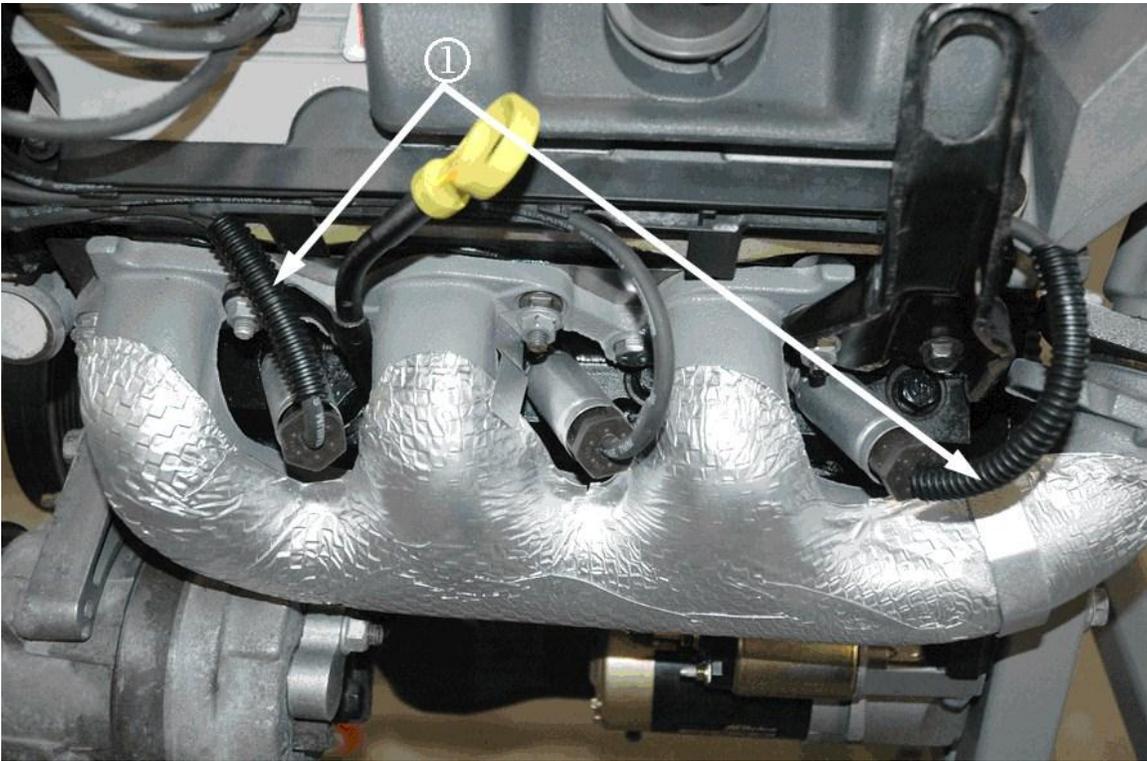
1. Remove the fuel injector sight shield (1). Refer to Fuel Injector Sight Shield Replacement in SI.



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Note: It is not necessary to remove the spark plug wires from the spark plugs.

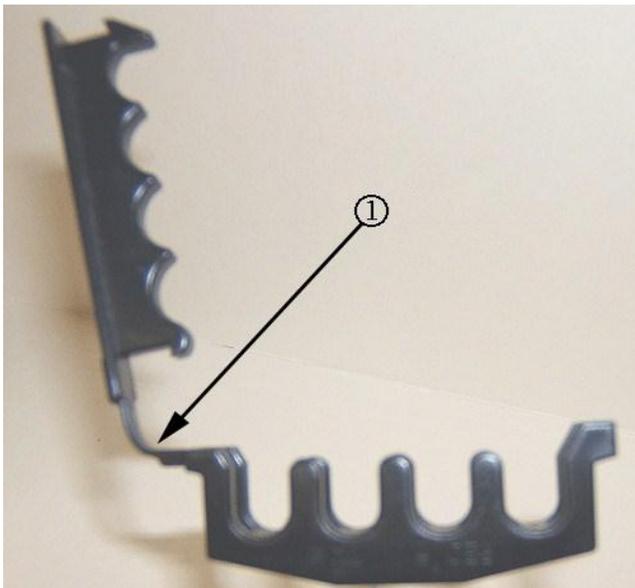
2. Remove the 1-3-5 spark plug plastic retaining channel (cover) clip/bracket (2) from the engine and discard it.



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3. If present, remove any plastic (polypropylene) conduit (1) from spark plug wires at the front of the engine (should only be found on spark plug wires 1 and 5).

7mm Four-Wire Retainer, P/N 88891792



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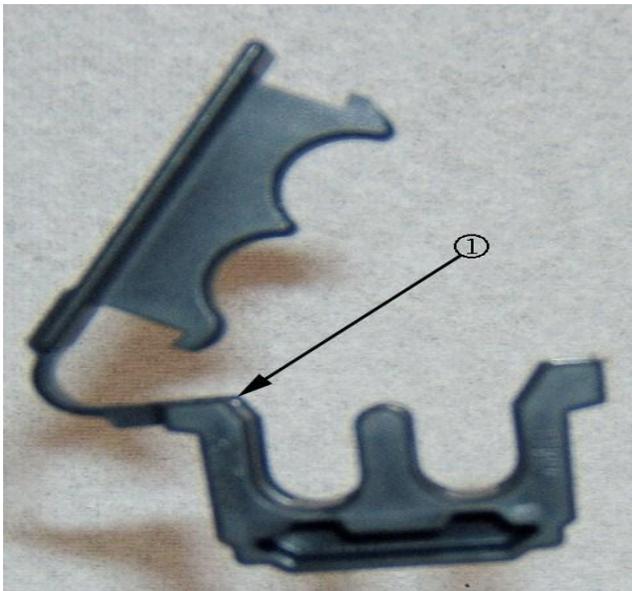
Note: If a 7m m four-wire retainer is not available, use an 8m m four-wire retainer (1), P/N 14066248 (Qty 10/pack), or equivalent 7m m aftermarket spark plug wire retainer.



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4. Install a 7mm four-wire retainer, P/N 88891792 (1) (Qty 5/pack) to spark plug wire number 4, then to spark plug wires 1,3 and 5. Save the other 7mm or 8mm spark plug four-wire retainers for future repairs. Make sure that spark plug wires 2, 4 and 6 are secured to the original retainers and under the left engine mount strut bracket (2).

7mm Two-Wire Retainer, P/N 12132229



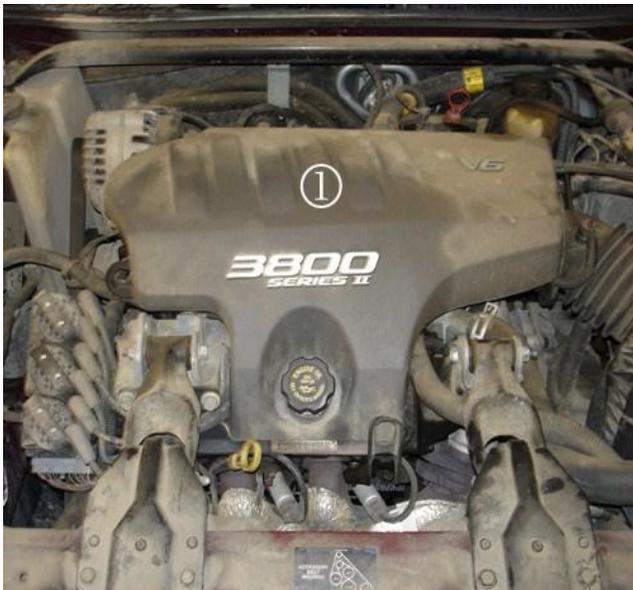
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Note: Ensure that spark plug wires 3 and 5 are routed behind the oil level indicator and lift bracket. Ensure that the two-wire retainer (3), P/N 12132229, is positioned above the 3 spark plug wire boot. Do NOT position the retainer (3) above an exhaust runner.

5. Install a 7mm two-wire retainer, P/N 12132229 (Qty 10/pack) to spark plug wires 3 and 5 only (3). Save the other 7mm spark plug two-wire retainers for future repairs. Make sure the spark plug retainer (3) is approximately 50mm (2 in) from the oil level indicator (2).



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Note: Ensure the installed spark plug wire retainers do not contact the fuel injector sight shield or exhaust manifold. Double check the retainers to ensure they are securely latched. If the retainer appears damaged in any way remove it and replace it with a new retainer.

6. Install the fuel injector sight shield (1). Refer to Fuel Injector Sight Shield Replacement in SI.

Note: Double check to ensure that no retainers, conduit or other flammable materials were dropped onto the exhaust manifold. Remove any foreign material found on or near the exhaust manifold.

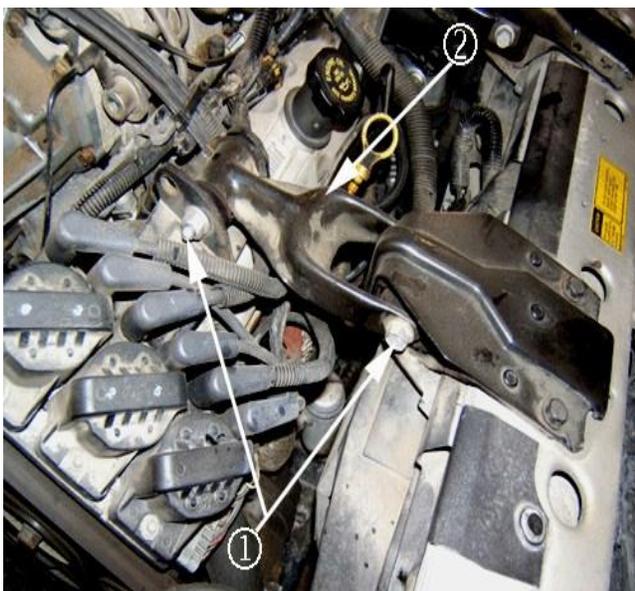
3.8L L67 Left Valve Cover Gasket Replacement Along with Removal and Installation of Retainer for 1-3-5 Spark Plug Wires



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Note: Clean the area around the tube/oil fill cap before removing the tube/oil fill cap in order to prevent contaminants from falling into the valve cover opening.

1. Remove the fuel injector sight shield (1).
 - 1.1. Twist counterclockwise to unlock the tube/oil fill cap from the valve cover.
 - 1.2. Remove the upper intake manifold cover nut holding the fuel injector sight shield to the fuel injector rail brace stud.
 - 1.3. Lift the fuel injector sight shield up at the front and slide the tab out of the engine bracket.
 - 1.4. Re-install the tube/oil fill cap in the valve cover to prevent engine oil contamination.



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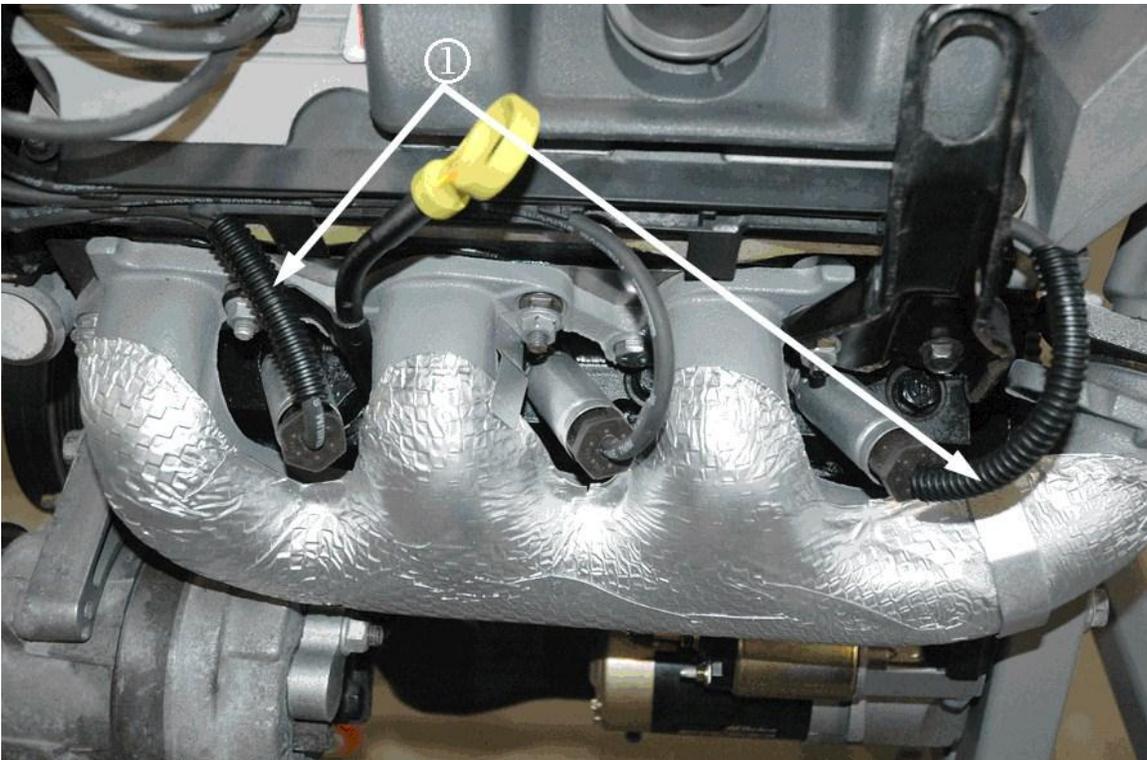
2. Remove the left engine mount strut (2).

- 2.1. Remove the bolt and the nut from the left engine mount strut at the left engine mount strut bracket on the engine (1).
- 2.2. Remove the bolt and the nut from the left engine mount strut at the left engine mount strut bracket on the upper radiator support (1).
- 2.3. Remove the engine mount strut (2).



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3. Remove the 1-3-5 spark plug plastic retaining channel (cover) clip/bracket from the engine and discard (1).



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4. If present, remove any plastic (polypropylene) conduit (1) from the spark plug wires at the front of the engine (should only be found on spark plug wires 1 and 5).

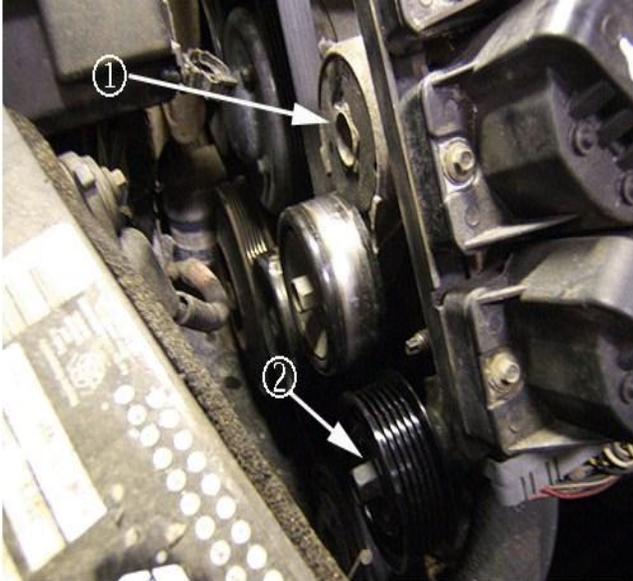
Note: It is not necessary to remove the spark plug wires from the spark plugs.

5. Remove all six spark plug wires from the ignition coils only. Set the spark plug wires aside.



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6. Remove the supercharger drive belt (1).
7. Lift or rotate the supercharger drive belt tensioner using a 15 mm box end wrench on the pulley nut and remove the belt.



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8. Remove the supercharger drive belt tensioner (1) and idler pulley (2).
 - 8.1. Remove the supercharger drive belt tensioner nut and remove belt tensioner (1) from the engine.
 - 8.2. Remove the idler pulley bolt (2).
 - 8.3. Remove the drive belt idler pulley (2) from the engine.



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Note: It is not necessary to remove the ignition coils/module or the 14-way connector (1) from the left engine mount strut bracket.

9. Remove the left engine mount strut bracket as assembly (1).
 - 9.1. Remove the left engine mount strut bracket assembly nuts.
 - 9.2. Remove the stud holding the electronic ignition control module ground and left engine mount strut bracket assembly to the cylinder head.
 - 9.3. Remove the left engine mount strut bracket assembly (1) from the cylinder head and set aside.

Danger: Do not use a brake cleaner, or equivalent to remove the oil residue from the exhaust manifold; doing so may cause an engine fire.

Note: Before the removal of the left or front engine valve cover, use an engine degreaser or equivalent in order to remove the oil residue from the exhaust manifold and the oil and dirt residue from the cylinder head and engine block. It may be necessary to use a brush or scraper.



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10. Remove the left or front engine valve cover (1).

10.1. Remove the valve cover bolts.

Note: If the valve rocker arm cover (1) adheres to the cylinder head, remove the valve cover by bumping the end of the valve cover with palm of hand or with a soft rubber mallet.

10.2. Remove the valve cover from the engine cylinder head.

10.3. Remove the valve cover gasket.

10.4. Clean the sealing surface on the cylinder head and the valve cover with an engine degreaser or equivalent.

10.5. Clean the valve cover bolts of all dirt, grime or thread locking adhesive.



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11. Install a new left or front valve cover gasket (1), P/N 24503937, and make sure that valve cover gasket is seated properly in the valve cover groove.

11.1. Install the valve cover and gasket (1) to the cylinder head.

11.2. Install the six valve cover bolts and six new grommets.

- Replace with new grommets, P/N 25534749 (package – Qty .5).
- Two packages will be needed. Save the other four grommets for future repairs.

11.3. Apply medium strength thread lock compound (blue), GM P/N 12345382 (in Canada use P/N 10953489) or equivalent, to the six valve cover bolt threads.

Tighten

Tighten the valve cover bolts to 10N.m (89 lb in).



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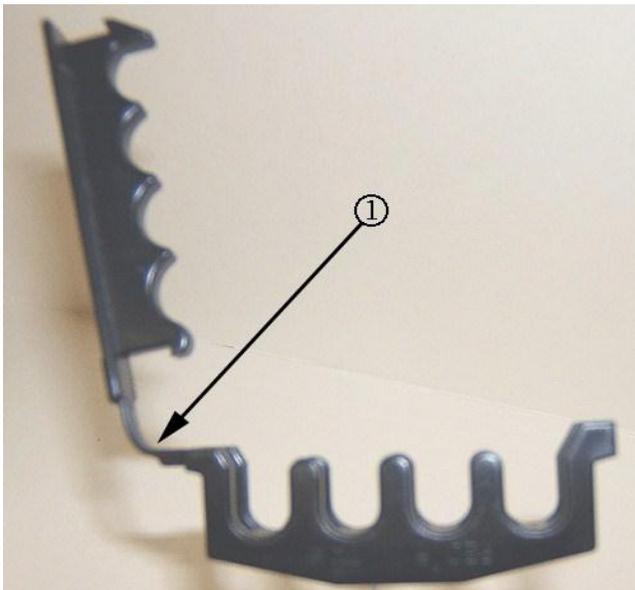
12. Install the left engine mount strut bracket assembly to the cylinder head (1).
 - 12.1. Install the left engine mount strut bracket nuts and stud.
 - 12.2. Install the stud holding the electronic ignition control module ground and left engine mount strut bracket assembly to the cylinder head.

Tighten

Tighten the left engine mount bracket nuts and stud to 50N.m (37 lb ft).

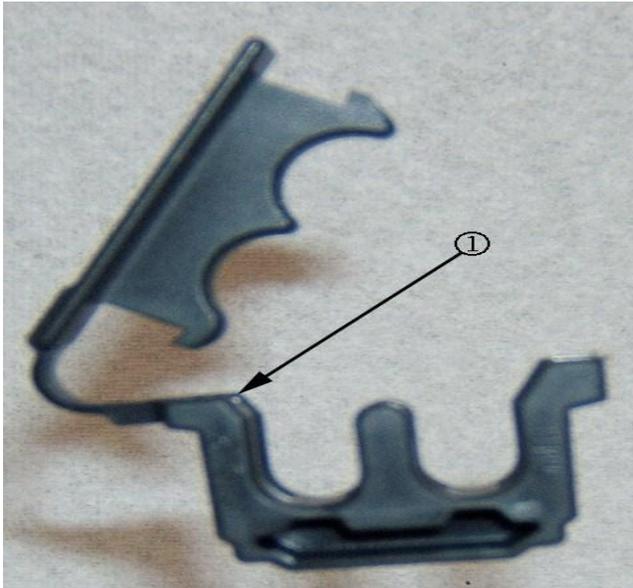
13. Install all six spark plug wires to the ignition coils.

7mm Four-Wire Retainer P/N 88891792



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14. Install a 7 mm four-wire retainer, P/N 88891792 (1) (Qty 5/pack) to spark plug wire number 4, then to spark plug wires 1, 3 and 5. If not available, use 8 mm spark plug four-wire retainer (1), P/N 14066248 (Qty 10/pack), or equivalent 7mm aftermarket spark plug wire retainer. Save the other 7 mm or 8 mm spark plug four-wire retainers for future repairs.

7mm Two-Wire Retainer P/N 12132229

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- 14.1. Install a 7 mm two-wire retainer, P/N 12132229 (Qty 10/pack) to spark plug wires 3 and 5 only (1). Save the other 7mm spark plug two-wire retainers for future repairs.



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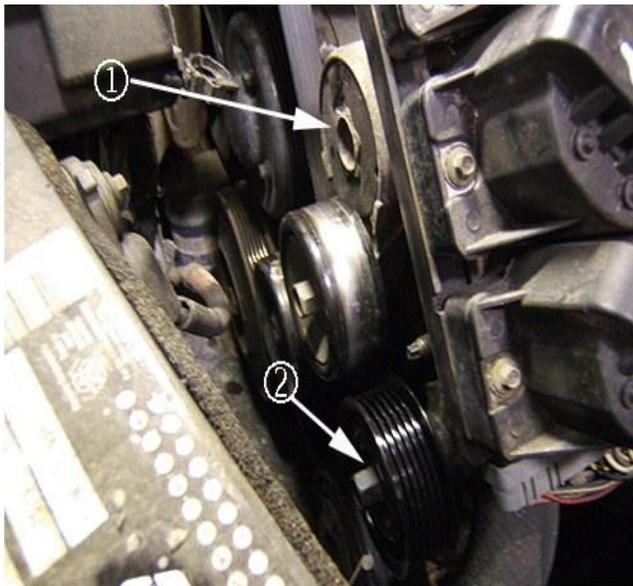
- 14.2. Install the 7 mm four-wire retainer, P/N 88891792 to spark plug wire number 4 (1) then to spark plug wires 1, 3 and 5 (2). Make sure that spark plug wires 2, 4 and 6 are secured to the original retainers and under the left engine mount strut bracket.



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Note: Ensure that spark plug wires 3 and 5 are routed behind the oil level indicator and lift bracket. Ensure that the two-wire retainer (3), P/N 12132229, is positioned above the 3 spark plug wire boot. Do NOT position the retainer (3) above an exhaust runner.

- 14.3. Install the 7 mm two-wire spark plug retainer, P/N 12132229 (Qty 10) to spark plug wires 3 and 5 only (3). Make sure the spark plug retainer (3) is approximately 50 mm (2 in) from the oil level indicator.



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15. First install the supercharger drive belt idler pulley and bolt (2). Then install the supercharger drive belt tensioner and nut (1).

Tighten

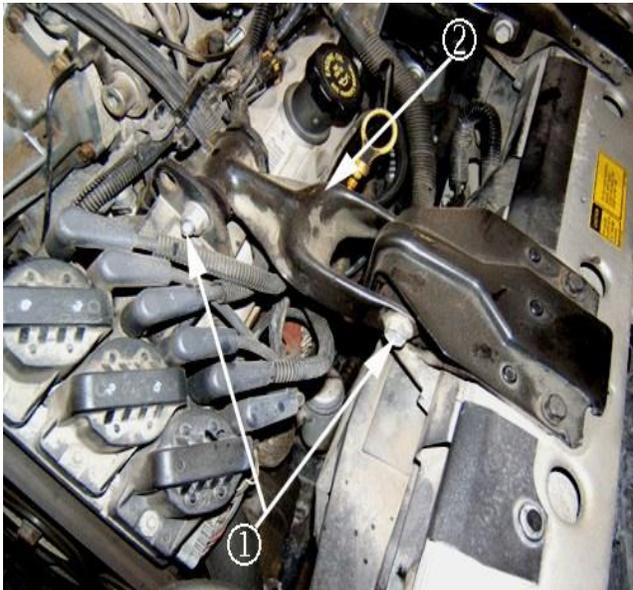
Tighten both the supercharger drive belt idler pulley bolt and supercharger drive belt tensioner nut to 50N.m (37 lb ft).



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15.1 Install the supercharger drive belt (1).

15.2 Lift or rotate the drive belt tensioner using a 15 mm box end wrench on the pulley nut and install the supercharger drive belt.



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16. Install left engine mount strut bracket (2).

16.1. Install the bolt and the nut to the left engine mount strut at the left engine mount strut bracket on the upper radiator support (1).

Tighten:

Tighten the engine mount strut bolt to 48N.m (35 lb ft).

Note: If equipped, the P-clip on the engine wiring harness must be vertical to the left engine mount strut bracket when installed.

16.2. Install the bolt and the nut to the left engine mount strut at the left engine mount strut bracket on the engine (1).

Tighten:

Tighten the engine mount strut bolt to 48N.m (35 lb ft).



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17. Install fuel injector sight shield (1).

17.1 Remove by twisting counterclockwise to unlock the tube/oil fill cap from the left valve cover.

17.2 Insert the tab of the fuel injector sight shield under the engine bracket.

17.3 Place the hole of the fuel injector sight shield onto the oil fill neck of the left valve cover.



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Note: Make sure the new 7 mm two-wire retainer (2) is approximately 50 mm (2 in) from the oil level indicator. Double check to ensure that no retainers, conduit, or other flammable materials were dropped onto the exhaust manifold. Remove any foreign material found on or near the exhaust manifold.

Note: Make sure the newly installed 7 mm four-wire (1) and 7 mm two-wire (2) spark plug retainers are not in contact with the fuel injector sight shield, engine mount strut bracket or the

exhaust manifold. Double check the retainers to ensure that they are securely latched. If the retainer appears damaged in any way, remove it and replace it with a new retainer.

- 17.4 Install the tube/oil fill cap into the left valve cover and twist clockwise in order to lock the detent on the tube into the notch in the valve cover.

Tighten

Tighten the fuel injector sight shield cover nut to 3N.m (27 lb in).

18. Inspect for the proper oil level.
19. Inspect for any oil leaks.

CUSTOMER REIMBURSEMENT - For US

Customer requests for reimbursement of previously paid repairs for the recall condition are to be submitted to the dealer by April 30, 2016 unless otherwise specified by state law. If this is not convenient for the customer, the customer may mail the completed Customer Reimbursement Request Form and all required documents to the GM Customer Assistance Center.

All reasonable and customary costs to correct the condition described in this bulletin should be considered for reimbursement. Any questions or concerns should be reviewed with your GM representative prior to processing the request.

When a customer requests reimbursement, they must provide the following:

- A completed Customer Reimbursement Request Form. This form is mailed to the customer or can be obtained through GM GlobalConnect.
- The name and address of the person who paid for the repair.
- Paid receipt confirming the amount of the repair expense, a description of the repair, and the person or entity performing the repair.

IMPORTANT: GM requires dealers to approve or deny a reimbursement request within 30 days of receipt. If a reimbursement request is approved, the dealer should immediately issue a check to the customer and submit an appropriate warranty transaction for the incurred expense. If a reimbursement request is denied, the dealer **MUST** provide the customer with a clear and concise explanation, in writing, as to why the request was denied. The bottom portion of the Customer Reimbursement Request Form may be used for this purpose. If the denial was due to missing documents, the customer can resubmit the request when the missing documents are obtained, as long as it is still within the allowed reimbursement period.

Warranty transactions for customer reimbursement of previously paid repairs are to be submitted as required by GM Global Warranty Management. Additional information can also be found in Warranty Administration Bulletin 11-00-89-004.

CUSTOMER REIMBURSEMENT - For Canada

Customer requests for reimbursement of previously paid repairs to correct the condition described in this bulletin are to be submitted to the dealer prior to or by April 30, 2016.

When a customer requests reimbursement, they must provide the following:

- Proof of ownership at time of repair.

- Original paid receipt confirming the amount of unreimbursed repair expense(s) (including Service Contract deductibles), a description of the repair, and the person or entity performing the repair.

All reasonable and customary costs to correct the condition described in this bulletin should be considered for reimbursement. Any questions or concerns should be reviewed with your GM representative prior to processing the request.

WARRANTY TRANSACTION INFORMATION

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

Note: *To avoid having to "H" route the customer reimbursement for approval, it must be submitted prior to the repair transaction.*

Labor Code	Description	Labor Time
9101414	Install 1-3-5 Spark Plug Retainers (RPO L36 – VIN K Only)	0.2
9101467	Replace Engine Left (Front) Valve Cover Gasket and 1-3-5 Spark Plug Wire Retainers (RPO L67 – VIN 1 Only)	0.8
9101468	Customer Reimbursement Approved	0.2
9101469	Customer Reimbursement Denied - For US dealers only	0.1

Note: *Customer reimbursement will not close this recall. The service procedure must also be performed on the vehicle.*

CUSTOMER NOTIFICATION

General Motors will notify customers of this recall on their vehicle (see copy of customer letter included with this bulletin).

DEALER RECALL RESPONSIBILITY – For US (US States, Territories, and Possessions)

It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied.

The US National Traffic and Motor Vehicle Safety Act provides that each vehicle that is subject to a recall of this type must be adequately repaired within a reasonable time after the customer has tendered it for repair. A failure to repair within sixty days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within a reasonable time, the customer may be entitled to an identical or reasonably equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation. To avoid having to provide these burdensome remedies, every effort must be made to promptly schedule an appointment with each customer and to repair their vehicle as soon as possible. In the recall notification letters, customers are told how to contact the US National Highway Traffic Safety Administration if the recall is not completed within a reasonable time.

DEALER RECALL RESPONSIBILITY – All

All unsold new vehicles in dealers' possession and subject to this recall must be held and inspected/repaired per the service procedure of this recall bulletin before customers take possession of these vehicles.

Dealers are to service all vehicles subject to this recall at no charge to customers, regardless of mileage, age of vehicle, or ownership, from this time forward.

Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the dealer listing, are to be contacted by the dealer. Arrangements are to be made to make the required correction according to the instructions contained in this bulletin. A copy of the customer letter is provided in this bulletin for your use in contacting customers. Recall follow-up cards should not be used for this purpose, since the customer may not as yet have received the notification letter.

In summary, whenever a vehicle subject to this recall enters your vehicle inventory, or is in your dealership for service in the future, you must take the steps necessary to be sure the recall correction has been made before selling or releasing the vehicle.





IMPORTANT SAFETY RECALL

April 2015

This notice applies to your vehicle, **VIN:** _____

Dear General Motors Customer:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

General Motors has decided that a defect, which relates to motor vehicle safety, exists in certain 2004 model year Buick Regal and Chevrolet Impala and Monte Carlo vehicles equipped with a 3.8 V-6 engine. As a result, GM is conducting a safety recall. We apologize for this inconvenience. However, we are concerned about your safety and continued satisfaction with our products.

IMPORTANT

- Your vehicle is involved in GM recall 14574.
- Schedule an appointment with your GM dealer.
- This service will be performed for you at **no charge**.

Why is your vehicle being recalled?

Your vehicle may have a condition in which drops of engine oil may be deposited on the exhaust manifold through hard braking. If this condition occurs, and if a hot surface ignition source is present, an engine compartment fire could occur.

What will we do?

Your GM dealer will remove the spark plug wire retainer and install alternate wire retainers. If you have a 3.8L V6 supercharged engine, your dealer will also replace the front (left hand) rocker cover gasket. This service will be performed for you at **no charge**. Because of service scheduling requirements, it is likely that your dealer will need your vehicle longer than the actual service correction time of approximately 25 minutes to 50 minutes for supercharged engines.

What should you do?

You should contact your GM dealer to arrange a service appointment as soon as possible.

Did you already pay for this repair?

Even though you may have already had repairs for this condition, you will still need to take your vehicle to your dealer for additional repairs. If you have paid for repairs for the recall condition, please complete the enclosed reimbursement form and present it to your dealer with all required documents. Working with your dealer will expedite your request, however, if this is not convenient, you may mail the completed reimbursement form and all required documents to Reimbursement Department, PO Box 33170, Detroit, MI 48232-5170. The completed form and required documents must be

presented to your dealer or received by the Reimbursement Department by April 30, 2016, unless state law specifies a longer reimbursement period.

Do you have questions?

If you have questions or concerns that your dealer is unable to resolve, please contact the appropriate Customer Assistance Center at the number listed below.

Division	Number	Text Telephones (TTY)
Buick	1-800-521-7300	1-800-832-8425
Chevrolet	1-800-222-1020	1-800-833-2438
Guam	65-6267-1752	
Puerto Rico – English	1-800-496-9992	
Puerto Rico – Español	1-800-496-9993	
Virgin Islands	1-800-496-9994	

If after contacting your dealer and the Customer Assistance Center, you are still not satisfied we have done our best to remedy this condition without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1.888.327.4236 (TTY 1.800.424.9153), or go to <http://www.safercar.gov>. The National Highway Traffic Safety Administration Campaign ID Number for this recall is 15V201.

Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Jeffrey M. Boyer
Vice President
Global Vehicle Safety

Enclosure
GM Recall #14574