



# Recall Bulletin

File In Section: Product Recalls  
Bulletin No.: 07035A  
Date: May 2010



## PRODUCT SAFETY RECALL

**SUBJECT:** Engine Compartment Fire

**MODELS:** 1997-03 Buick Regal GS  
1997-03 Pontiac Grand Prix GTP  
Equipped with 3.8L V6 Supercharged (RPO L67 – VIN 1) Engine

The Service Procedure in this bulletin has been revised. Technicians should review the revised service procedure immediately.

Please discard all copies of bulletin 07035, issued April 2008.

### CONDITION

General Motors has decided that a defect, which relates to motor vehicle safety, exists in **certain** 1997-03 model year Buick Regal GS and Pontiac Grand Prix GTP model vehicles, equipped with a 3.8L V6 Supercharged (RPO L67 – VIN 1) engine. Some 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 were present, an engine compartment fire could occur.

### CORRECTION

Dealers are to replace the left rocker cover gasket/grommets and the 1-3-5 spark plug wire retainers.

### VEHICLES INVOLVED

Involved are **certain** 1997-03 model year Buick Regal GS and Pontiac Grand Prix GTP model vehicles, equipped with a 3.8L V6 Supercharged (RPO L67 – VIN 1) engine and built within these VIN breakpoints:

Year	Division	Model	From	Through
1997	Buick	Regal GS	V1400018	V1482825
1997	Pontiac	Grand Prix GTP	VF200004	VF359114
1998	Buick	Regal GS	W1400002	W1614362
1998	Pontiac	Grand Prix GTP	WF200002	WF342338
1999	Buick	Regal GS	X1400001	X1637857
1999	Pontiac	Grand Prix GTP	XF200003	XF355305
2000	Buick	Regal GS	Y1100003	Y1360417

Year	Division	Model	From	Through
2000	Pontiac	Grand Prix GTP	YF100031	YF353289
2001	Buick	Regal GS	11100001	11338079
2001	Pontiac	Grand Prix GTP	1F100002	1F275155
2002	Buick	Regal GS	21100008	21301407
2002	Pontiac	Grand Prix GTP	2F100018	2F293183
2003	Buick	Regal GS	31100002	31299453
2003	Pontiac	Grand Prix GTP	3F100003	3F174860

**Important:** Dealers are to confirm vehicle eligibility prior to beginning repairs by using GMVIS (dealers using WINS) or the Investigate Vehicle History link (dealers using GWM). Not all vehicles within the above breakpoints may be involved.

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 through the applicable system listed below. Dealers will not have a report available if they have no involved vehicles currently assigned.

- US and Canadian dealers - GM GlobalConnect Recall Reports
- Export dealers - sent directly to dealers

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.

#### PARTS INFORMATION

Parts required to complete this recall are to be obtained from General Motors Customer Care and Aftersales. 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.

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

## SERVICE PROCEDURE

**IMPORTANT:** The service procedure contained in this recall is different from the service procedure found in the appropriate service manual. As a result, the labor time allowance has been revised to correspond with this new service procedure. In the near future the service manual and labor time guide will be updated with this new information.

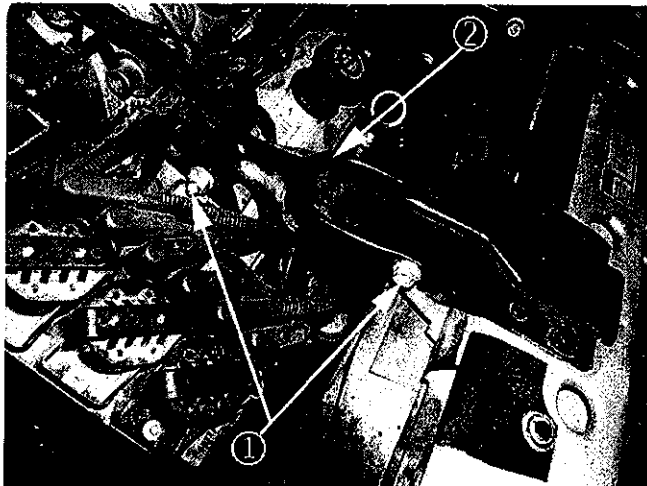
### **1997 – 2003 3.8L L67 Left Valve Cover Gasket Replacement Along with Removal and Installation of Retainer for 1-3-5 Spark Plug Wires.**



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**Important:** 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 counter-clockwise 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.

2.1. Remove the bolt and the nut from the left engine mount strut at the left engine mount strut bracket on the engine (1).

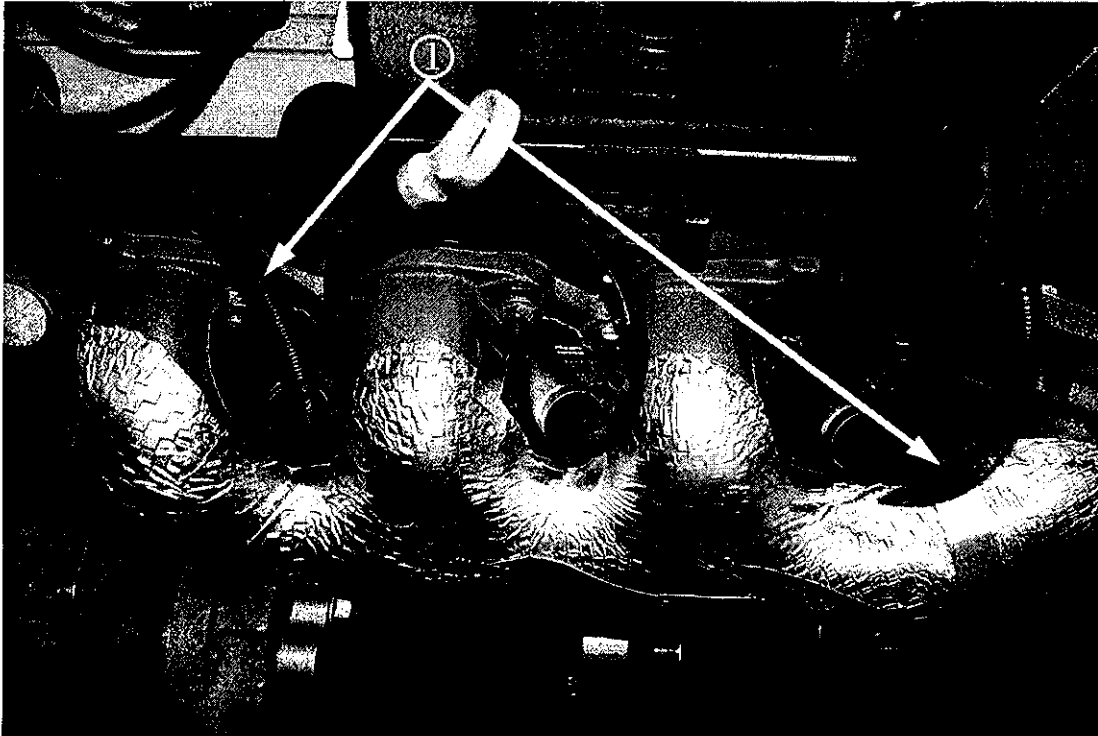
2.2. Remove the bolt and the nut from the left engine mount strut at the left engine mount strut bracket on the upper radiator support (1).

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).

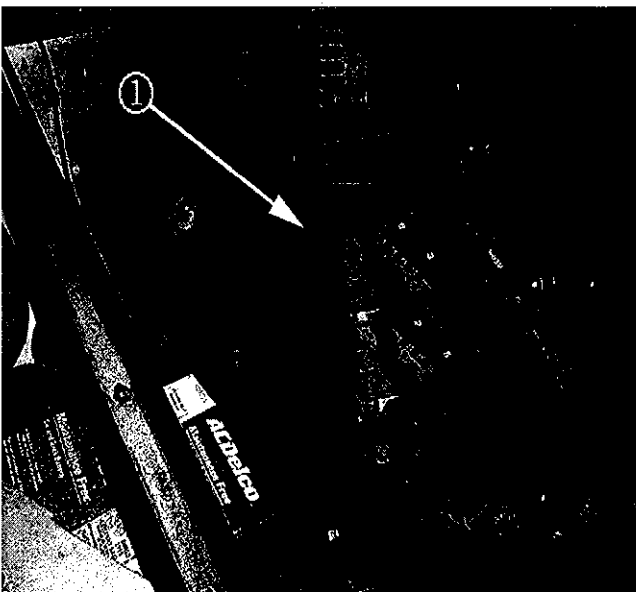


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4. If present, remove any plastic (polypropylene) conduit (1) from the spark plug wires at the front of the engine (should only be found on spark plug wires 1 and 5).

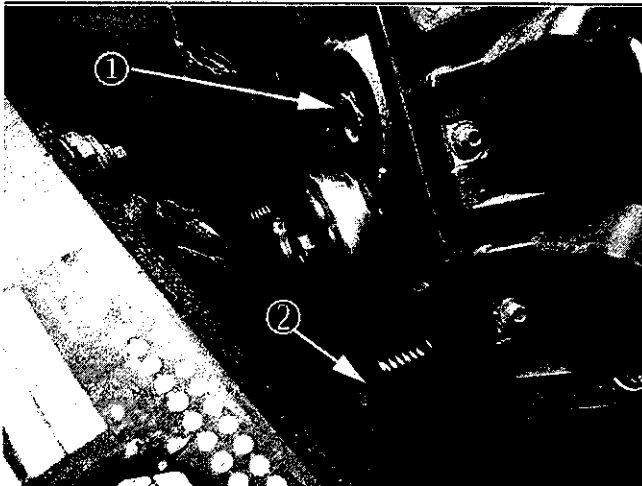
**Important:** It is not necessary to remove the spark plug wires from the spark plugs.

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



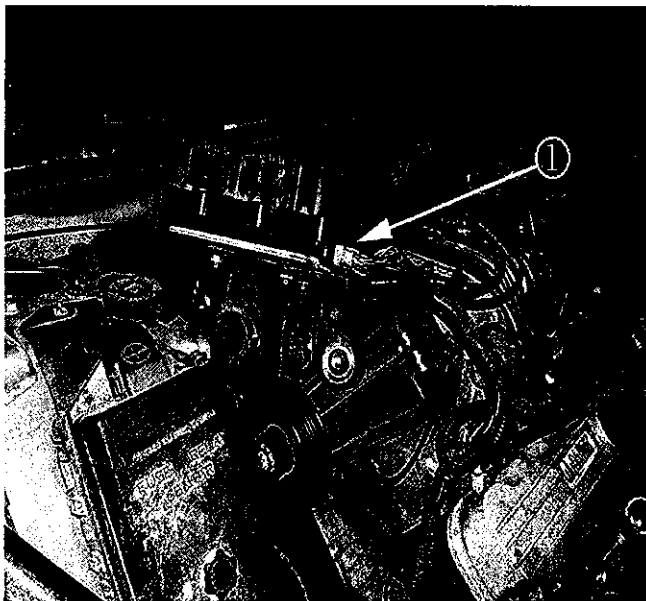
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6. Remove the supercharger drive belt (1). Lift or rotate the supercharger drive belt tensioner using a 15-mm box end wrench on the pulley nut and remove the belt.



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7. Remove the supercharger drive belt tensioner (1) and idler pulley (2).
  - 7.1. Remove the supercharger drive belt tensioner nut and remove the belt tensioner from the engine (1).
  - 7.2. Remove the idler pulley bolt (2).
  - 7.3. Remove the drive belt idler pulley (2) from the engine.



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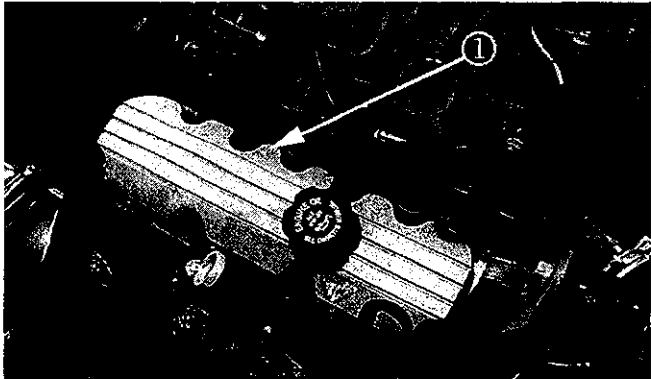
**Important:** It is not necessary to remove the ignition coils/module or the 14-way connector (1) from the left engine mount strut bracket.

8. Remove the left engine mount strut bracket assembly (1).
  - 8.1. Remove the left engine mount strut bracket nuts.
  - 8.2. Remove the stud holding the electronic ignition control module ground and left engine mount strut bracket to the cylinder head.

- 8.3. Remove the left engine mount strut bracket with ignition coils/module (1) along with 14-way connector (2) 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.*

**Notice:** 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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9. Remove the left engine valve cover (1).

- 9.1. Remove the left valve cover bolts.

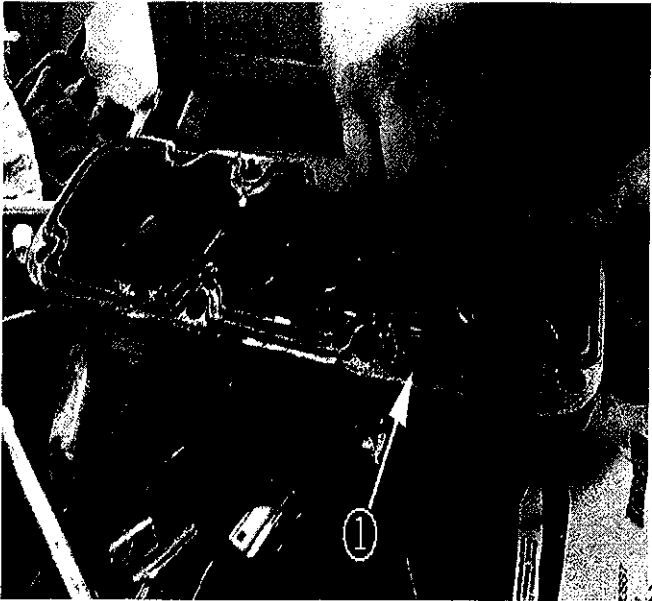
**Important:** If the valve rocker arm cover (1) adheres to the cylinder head, remove the valve cover by bumping the end of the valve cover with palm of hand or with a soft rubber mallet.

- 9.2. Remove the left valve cover from the engine cylinder head.

- 9.3. Remove the left valve cover gasket and discard.

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

- 9.5. Clean the valve cover bolts of all thread locking adhesive.



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

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

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

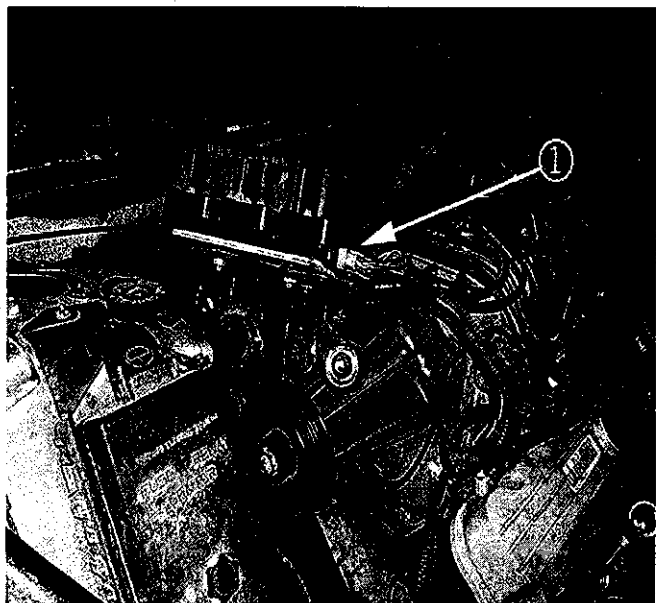
- Replace with new grommets P/N 25534749 (Qty 5/pack).
- Two packages will be needed. Save the other four grommets for future repair.

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

**Tighten:**

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





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11. Install the left engine mount strut bracket assembly to the cylinder head (1).

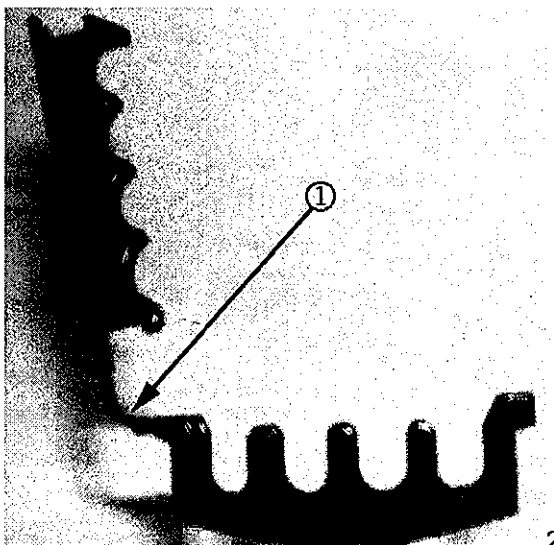
11.1. Install the left engine mount strut bracket nuts and stud.

11.2. Install the stud holding the electronic ignition control module ground and the left engine mount strut bracket assembly to the cylinder head.

**Tighten:**

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

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



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7mm Four-Wire Retainer P/N 88891792

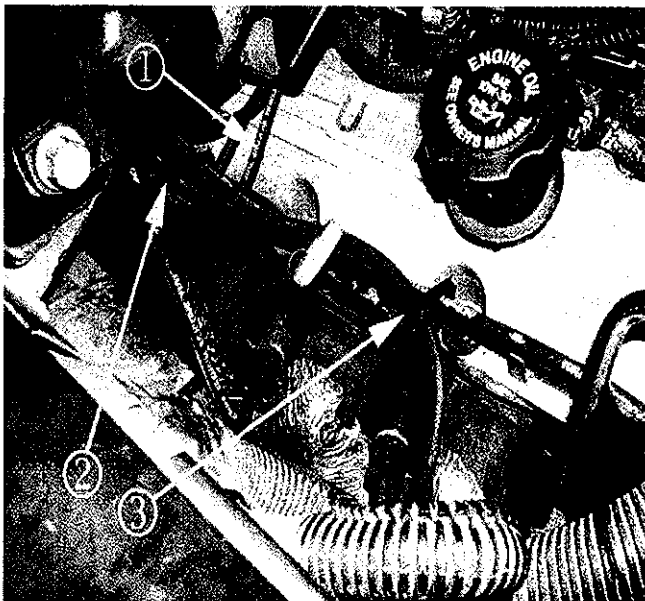
**Important:** If a 7mm four-wire retainer is not available, use a 8 mm four-wire retainer (1), P/N 14066248 (qty 10/pack), or equivalent 7mm aftermarket spark plug wire retainer.

13. 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. 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 7mm or 8mm spark plug four-wire retainers for future repairs.

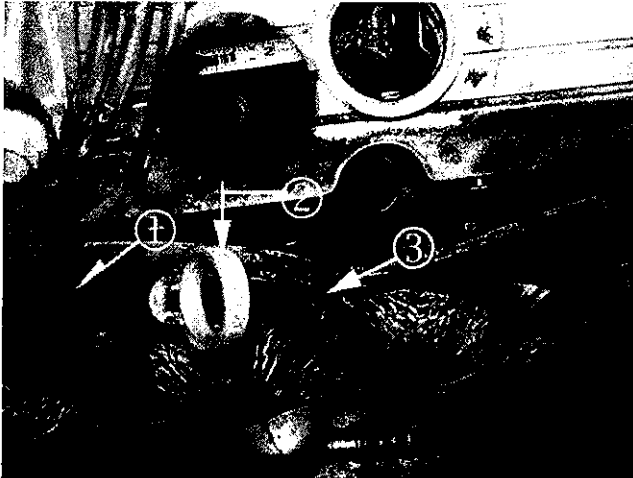


7mm Two-Wire Retainer P/N 12132229

- 13.1. 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.



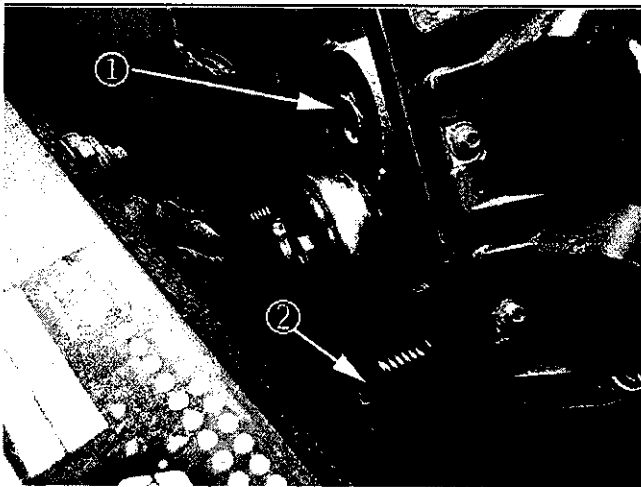
- 13.2. Install the 7 mm P/N 88891792 four-wire retainer to spark plug wire number 4 (1), then to spark plug wires 1, 3 and 5 (2). Make sure that spark plug wires 2, 4 and 6 are secured to the original retainers and under the left engine mount strut bracket.



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**Important:** 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.

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

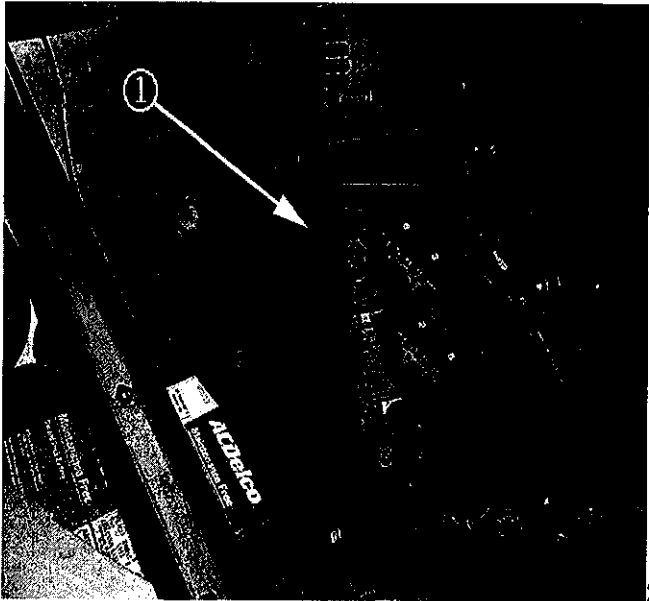


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14. First, install the supercharger drive belt idler pulley and bolt (2). Then install the supercharger drive belt tensioner and nut (1).

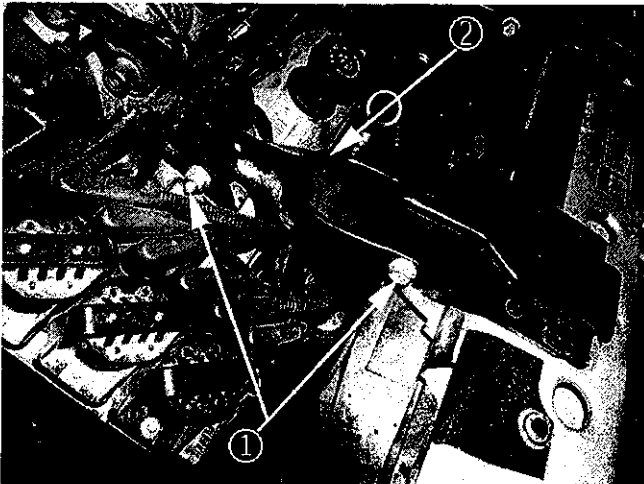
**Tighten:**

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



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15. Install the supercharger drive belt (1). 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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- 16.1 Install the left engine mount strut bracket (2).

16.1.1 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 48 N.m (35 lb. ft.).

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

16.2.1 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 48 N.m (35 lb. ft.).

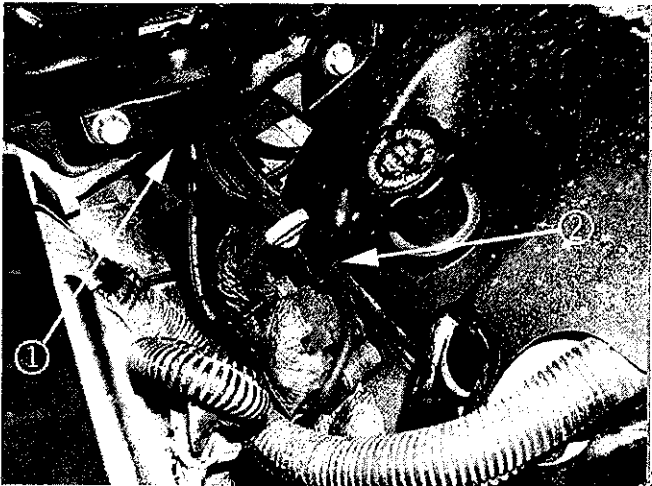


17. Install the fuel injector sight shield (1).

17.1. Remove by twisting counter-clockwise 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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**Important:** Make sure the new 7mm two-wire retainer (2) is approximately 50mm (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.

**Important:** Make sure the newly installed 7mm four-wire (1) and 7mm 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 3 N.m (27 lb.in.).

18. Inspect for proper oil level.

19. Inspect for any oil leaks.

**CUSTOMER REIMBURSEMENT** – For GM US

All customer requests for reimbursement of previously paid repairs for the recall condition will be handled by the Customer Assistance Center, not by dealers.

A General Motors Customer Reimbursement Procedure and Claim Form is included with the customer letter.

**IMPORTANT:** (For GM US Only) Refer to the GM Service Policies and Procedures Manual, section 6.1.12, for specific procedures regarding customer reimbursement and the form.

**CUSTOMER REIMBURSEMENT** – For Canada and Export

Customer requests for reimbursement of previously paid repairs for the recall condition are to be submitted to the dealer by April 30, 2009.

All reasonable customer paid receipts should be considered for reimbursement. The amount to be reimbursed will be limited to the amount the repair would have cost if completed by an authorized General Motors dealer.

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

- Proof of ownership at time of repair.
- Original paid receipt confirming the amount of repair expense(s) that were not reimbursed, a description of the repair, and the person or entity performing the repair.

Claims for customer reimbursement on previously paid repairs are to be submitted as required by WINS.

**IMPORTANT:** Refer to the GM Service Policies and Procedures Manual, section 6.1.12, for specific procedures regarding customer reimbursement verification.

**COURTESY TRANSPORTATION** – For US and Canada

The General Motors Courtesy Transportation program is intended to minimize customer inconvenience when a vehicle requires a repair that is covered by the New Vehicle Limited Warranties. The availability of courtesy transportation to customers whose vehicles are within the warranty coverage period and involved in a product program is very important in maintaining customer satisfaction. Dealers are to ensure that these customers understand that shuttle service or some other form of courtesy transportation is available and will be provided at no charge. GM dealers should refer to the General Motors Service Policies and Procedures Manual for Courtesy Transportation guidelines.

**CLAIM INFORMATION**

1. Submit a claim using the table below.
2. Courtesy Transportation - For dealers using WINS, submit using normal labor code; for dealers using GWM – submit as Net Item under the repair labor code.

<b>Labor Code</b>	<b>Description</b>	<b>Labor Time</b>	<b>Net Item</b>
V1806	Replace Engine Left (Front) Valve Cover Gasket and 1-3-5 Spark Plug Wire Retainers	0.8	N/A
V1807	Customer Reimbursement (not for use by US GM dealers)	0.2	*

\* The amount identified in "Net Item" should represent the dollar amount reimbursed to the customer.

**CUSTOMER NOTIFICATION** – For US and Canada

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

### CUSTOMER NOTIFICATION – For Export

Letters will be sent to known owners of record located within areas covered by the US National Traffic and Motor Vehicle Safety Act. For owners outside these areas, dealers should notify customers using the attached sample letter.

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

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.

