

## #PIP3343F: Possible Engine Oil Leak Due To PCV Freeze-Up - (Jan 9, 2018)

**Subject: Possible Engine Oil Leak Due To PCV Freeze-Up**



| Brand:    | Model:       | Model Year: |    | VIN: |     | Engine: | Transmission: |
|-----------|--------------|-------------|----|------|-----|---------|---------------|
|           |              | from        | to | from | to  |         |               |
| Buick     | Rainier      | 2004-2007   |    | All  | All | V8      | All           |
| Cadillac  | Escalade     | 2002-2014   |    | All  | All | V8      | All           |
| Chevrolet | Avalanche    | 2002-2013   |    | All  | All | V8      | All           |
| Chevrolet | Colorado     | 2009-2012   |    | All  | All | V8      | All           |
| Chevrolet | Express      | 2002-2018   |    | All  | All | V8      | All           |
| Chevrolet | Silverado    | 2002-2013   |    | All  | All | V8      | All           |
| Chevrolet | Silverado HD | 2002-2018   |    | All  | All | V8      | All           |
| Chevrolet | Suburban     | 2002-2014   |    | All  | All | V8      | All           |
| Chevrolet | Tahoe        | 2002-2014   |    | All  | All | V8      | All           |
| Chevrolet | Trailblazer  | 2003-2009   |    | All  | All | V8      | All           |
| GMC       | Canyon       | 2009-2012   |    | All  | All | V8      | All           |
| GMC       | Envoy        | 2003-2009   |    | All  | All | V8      | All           |
| GMC       | Savana       | 2002-2018   |    | All  | All | V8      | All           |
| GMC       | Sierra       | 2002-2013   |    | All  | All | V8      | All           |
| GMC       | Sierra HD    | 2002-2018   |    | All  | All | V8      | All           |
| GMC       | Yukon Models | 2002-2014   |    | All  | All | V8      | All           |

© 2019 General Motors. All rights reserved.

| Brand: | Model:    | Model Year: |    | VIN: |     | Engine: | Transmission: |
|--------|-----------|-------------|----|------|-----|---------|---------------|
|        |           | from        | to | from | to  |         |               |
| Hummer | H Models  | 2003-2010   |    | All  | All | V8      | All           |
| LCF    | MD Models | 2016-2018   |    | All  | All | V8      | All           |
| Saab   | 9-7X      | 2005-2009   |    | All  | All | V8      | All           |

### Supersession Statement

This PI was superseded to update model years. Please discard PIP3343E.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

### Condition/Concern

Some customers may complain of an oil leak shortly after a cold start when extremely low ambient temperatures are present (approximately below 10°F), or excessive short trip drive cycles.

If an oil leak from the rear main seal is noted, this is the result of a frozen PCV system and excessive crankcase pressure.

### Recommendation/Instructions

If this concern is encountered, clean the area of the oil leak, clean and dry the PCV hoses, and replace the oil fill cap with part number 12589430 (vented oil fill cap) to prevent a recurrence.

### Warranty Information

For vehicles repaired under warranty use:

| Labor Operation | Description                | Labor Time                         |
|-----------------|----------------------------|------------------------------------|
| 4065230         | Oil Filler Cap Replacement | Use Published Labor Operation Time |

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



WE SUPPORT  
VOLUNTARY  
TECHNICIAN  
CERTIFICATION