



# Service Bulletin

File in Section: -

Bulletin No.: PIP5156

Date: October, 2013

## PRELIMINARY INFORMATION

**Subject:** Possible Oil Leak On Gen 5 Engine After The Harmonic Balancer Is Removed Or Replaced

**Models:** 2014 Chevrolet Corvette  
2014 Chevrolet Silverado 1500  
2014 GMC Sierra 1500  
Built with RPOs 4.3L 5.3L 6.2L L83 L86 LT1 LV3

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

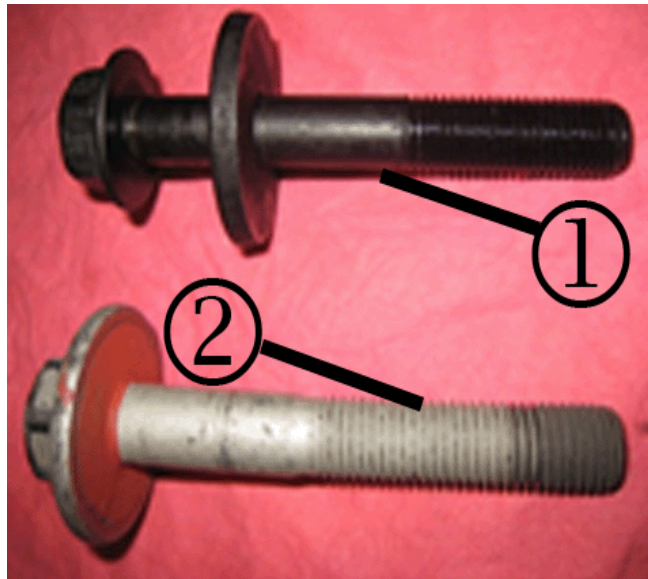
### Condition/Concern

Possible oil leak on gen 5 engine after the Harmonic Balancer is removed or replaced.

### Recommendation/Instructions

- Gen 4 engines use a non-keyed Harmonic balancer. The only part of the crank that is keyed drives the oil pump. The bolt has a friction material on the face. It does not seal the Harmonic Balancer to the crank.
- Gen 5 engines use a keyed Harmonic Balancer that can see oil pressure. It uses a two piece bolt and washer arrangement. It does seal to the face of the crank.

**Note:** If you use a Gen 4 bolt in a Gen5 engine you will have an oil leak.



1- is for a gen 5 engine

2- is for a gen 4 engine

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.

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