Bulletin No.: PIP4750G
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Preliminary Information

PIP4750G Belt Squeak Noise and/or Crankshaft Balancer Appears to Wobble

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Camaro SS	2010 - 2015	All	All	6.2 L99 LS3	All
Chevrolet	Caprice PPV	2011 - 2017	All	All	6.2 L77	All
Chevrolet	Corvette	2009 - 2013	All	All	6.2 LS3	All
Chevrolet	SS	2014 - 2017	All	All	6.2 LS3 LS7	All
Pontiac	G8	2008 - 2009	All	All	6.2 L76 LS3	All

Supersession Statement

This PI was superseded to update Model Year. Please discard PIP4750F.

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

Condition / Concern

Some customers may complain of a belt squeak noise and/or a crankshaft balancer appears to be out of balance or wobbling while watching it with the engine running. In most cases, the wobble is an optical illusion because the design of the balancer gives the appearance that it is moving more than it actually is.

Recommendations / Instructions

If this concern is experienced, follow the steps below:
1. Push the crankshaft all the way to the rear of the engine.
2. Using a magnetic base, attach a dial indicator so the measuring tip is contacting the rear of the drive belt groove.
Note: An inaccurate reading may be obtained by measuring the face of the balancer instead of the rear of the drive belt groove.
3. Rotate the crankshaft 360 degrees and note the total amount of crankshaft balancer run out.
• If the balancer run out is 0.40mm (0.0157”) or less, do not replace the balancer because the run out is in specification.
• If the balancer run out is greater than 0.40mm, replace the crankshaft balancer and perform step 3 again to confirm that the run out of the new balancer is in specification.
4. If the customer has complained of a belt squeak, also replace the drive belt.

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.