Bulletin No.: PIP5742
Published date: 06/23/2020

Preliminary Information

PIP5742 Belt Chirp Noise and-or Harmonic Balancer Rubbing on Timing Cover

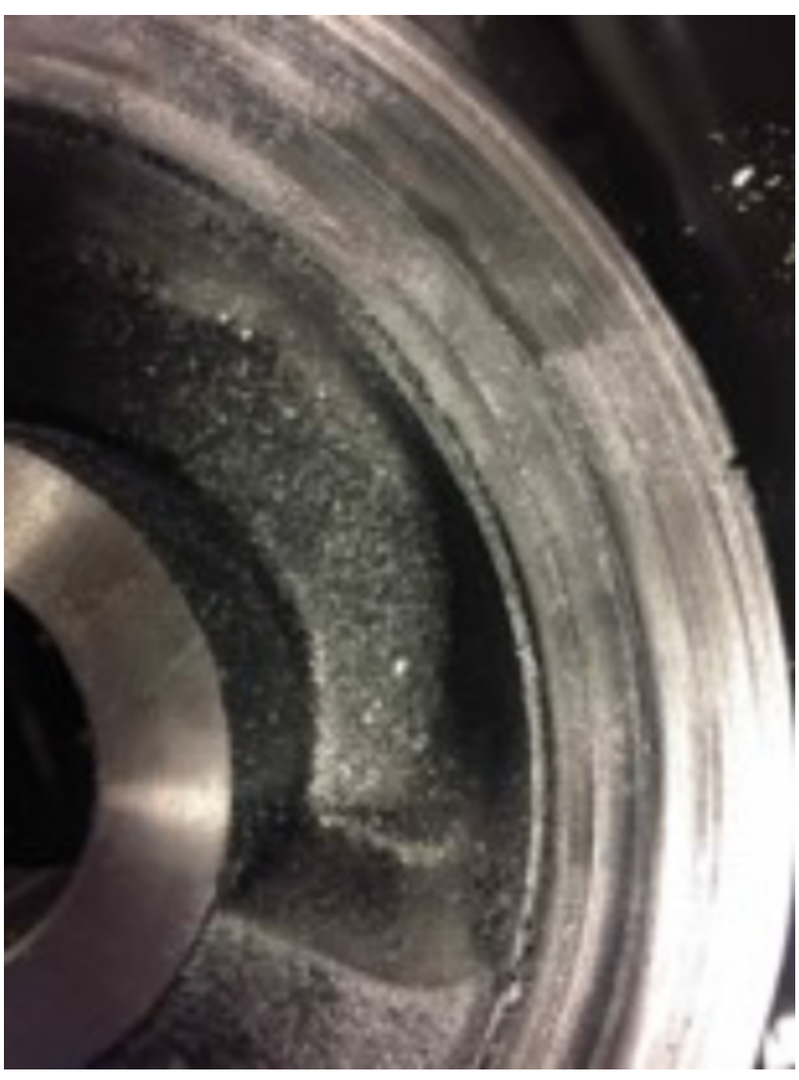
Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado HD	2019 - 2020	All	All	6.6 L5P	All
GMC	Sierra HD	2019 - 2020	All	All	6.6 L5P	All
Chevrolet	Silverado 4500HD, 5500HD, 6500HD	2019 - 2020	All	All	6.6 L5D	All

Involved Region or Country:	North America
Condition:	A customer concern may be of a belt chirp noise and/or metal to metal noise.
Cause:	The outer ring of the harmonic balancer may slide backward and cause a misalignment of the belt. The outer ring may slide back far enough to contact the timing cover and oil pan(s).

Correction:

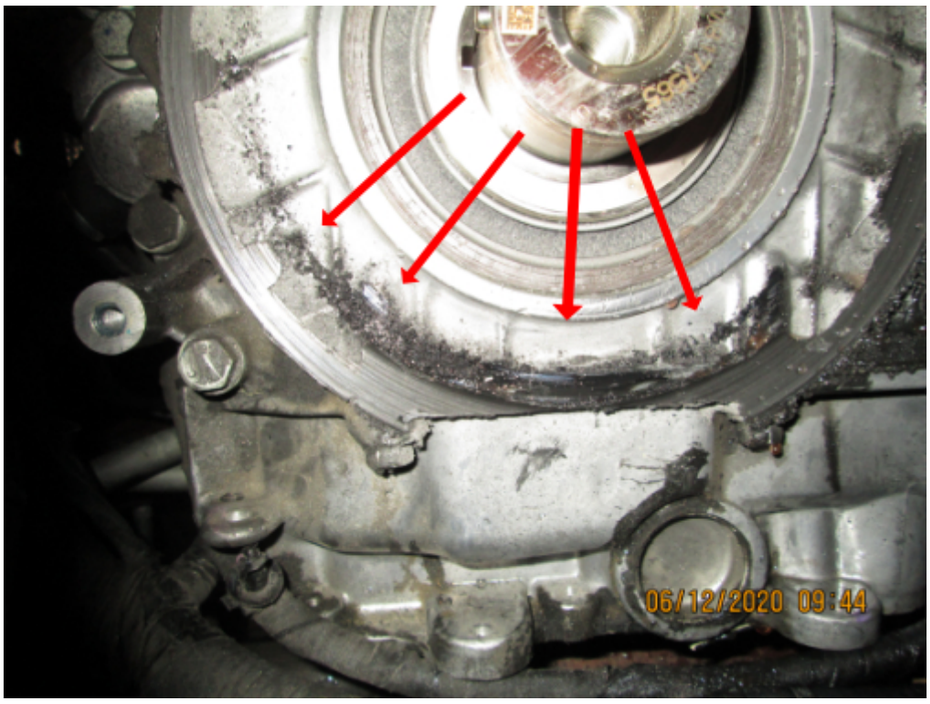
Inspect the harmonic balancer, timing cover and oil pans. Replace as needed. See images below for examples.



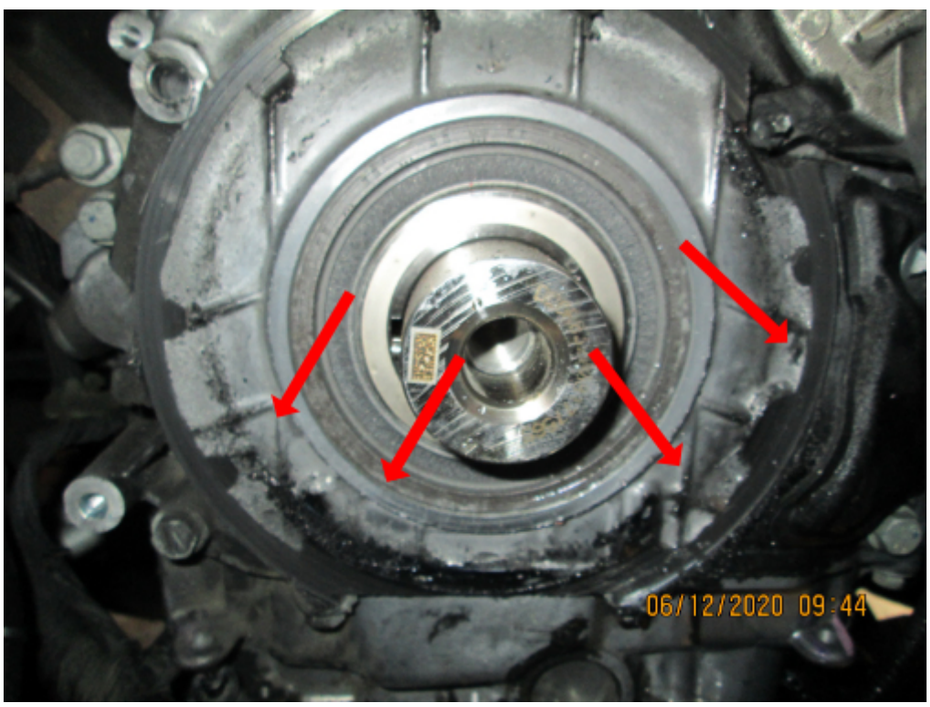
Harmonic balancer damage due to contact.

Separation of the harmonic balancer's inner and outer rings.

The new damper has a hub that is longer than the inertia ring. Movement can be identified by inspecting the hub directly at the elastomer. Look for a witness mark of where the elastomer was originally positioned.



Damage to the timing cover and upper oil pan.



Damage to the timing cover and upper oil pan.

Service Procedure:

Refer to service information for proper procedures.

Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation:	Description:	Labor Time:
4063250	Crankshaft Pulley Replacement	Use Published Labor Times
4063610	Engine Front Cover Replacement	Use Published Labor Times
4065910	Lower Oil Pan Replacement	Use Published Labor Times
4065890	Upper Oil Pan Replacement	Use Published Labor Times

Version History

Version	1
Modified	06/23/2020 - Created on.

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