



Preliminary Information

PIP5519A Diagnostic Tip: Low Engine Oil Pressure and DTC P06DE After Major Engine Repairs

Proactive

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Encore	2016 - 2019	All	All	1.4 LE2	All
Chevrolet	Cruze	2016 - 2019	All	All	1.4 LE2	All
Chevrolet	Equinox	2018 - 2019	All	All	1.5 LYX	All
Chevrolet	Malibu	2016 - 2019	All	All	1.5 LFV	All
Chevrolet	Spark	2016 - 2019	All	All	1.4 LV7	All
Chevrolet	Trax	2019	All	All	1.4 LE2	All
Chevrolet	Volt	2016 - 2019	All	All	1.5 L3A	All
GMC	Terrain	2018 - 2019	All	All	1.5 LYX	All

Involved Region or Country:	North America
Additional RPO/s:	None
Condition:	Low engine oil pressure and DTC P06DE after major engine repairs
Cause:	Timing chain tensioner gasket may be improperly installed or out of position

Correction:

Verify oil pressure is below specification by completing oil pressure diagnosis and testing using latest service information.

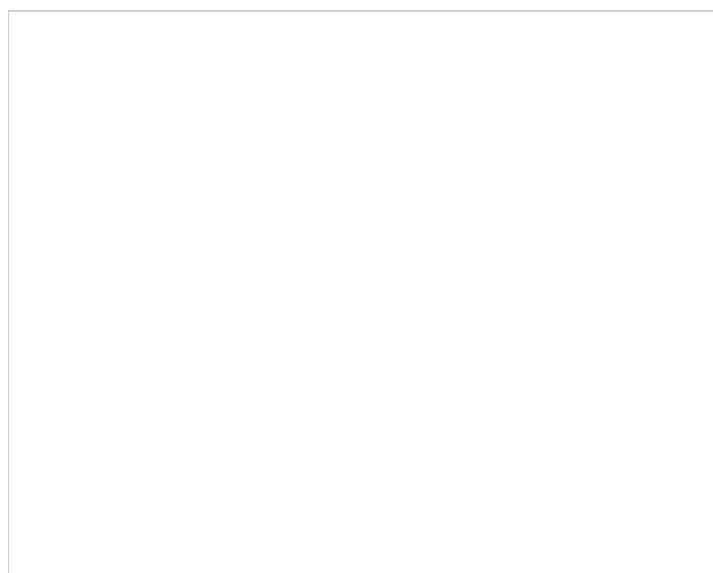
Complete current diagnostics using latest service information for DTC P06DE.

If oil pressure is below specification and major engine repairs were recently performed proceed with the following.

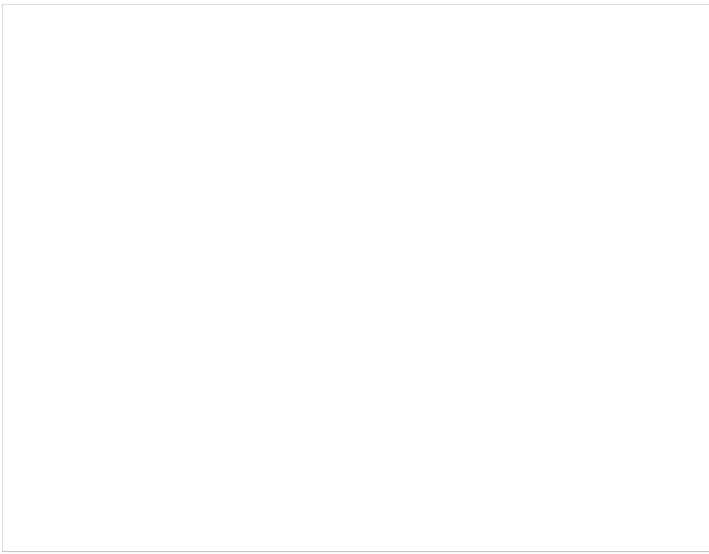
Verify the timing chain tensioner gasket has been installed correctly and is not out of position.

NOTE: See photos below of improperly installed/mis-positioned timing chain tensioner gasket*

Correctly installed timing chain tensioner gasket allowing no leak path for pressurized oil.



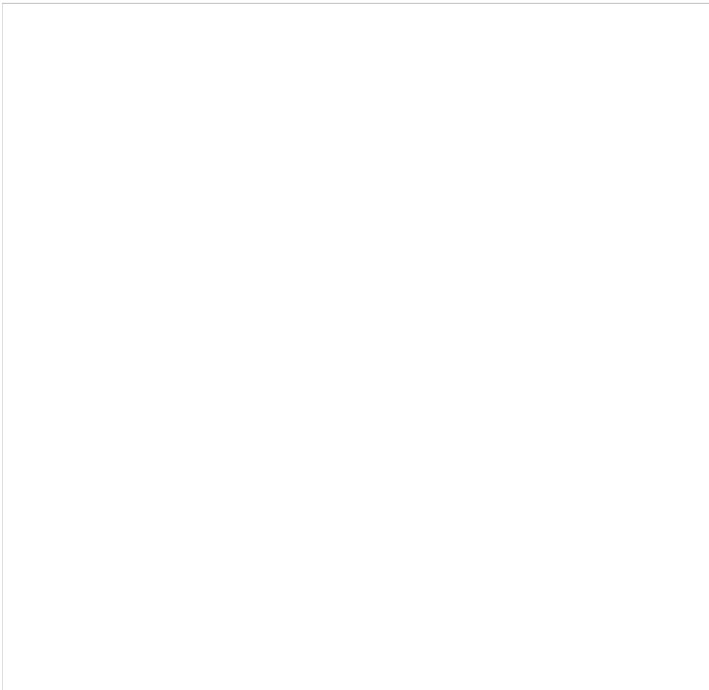
Improperly installed gasket showing leak path for pressurized oil to bleed off behind timing chain cover.



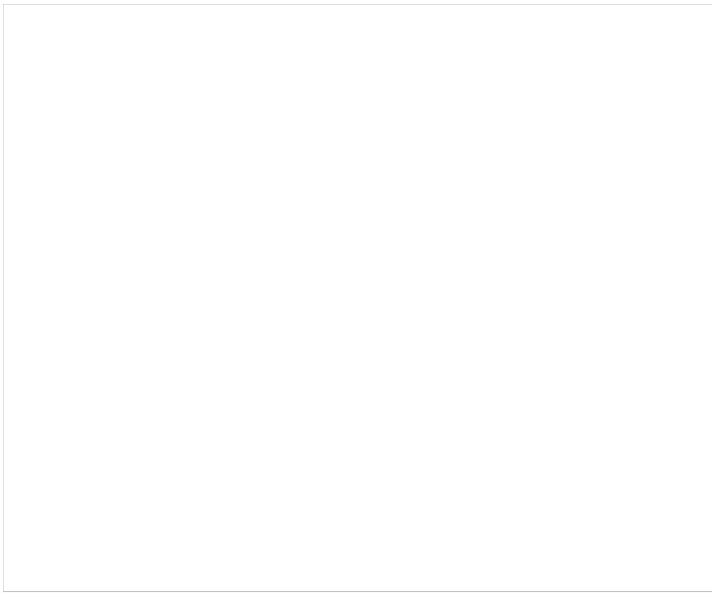
Improperly installed timing chain tensioner gasket allowing pressurized oil from tensioner passage to bleed off behind timing cover.



Same as above photo showing actual position of gasket once tensioner was removed.



Tensioner gasket shown properly lined up in relation to mounting bolt holes.



Version History

Version2	2
	Created on 09/12/2017. Updated on 5/14/2018 to include 2019 Model Year.



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