



Preliminary Information

PIP5517B Diagnostic Tip - Oil Leak From Front Crankshaft Seal

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Encore	2016 - 2018	All	All	1.4L LE2	All
Chevrolet	Cruze	2016 - 2018	All	All	1.4L LE2	All
Chevrolet	Equinox	2018	All	All	1.5L LYX	All
Chevrolet	Malibu	2016 - 2018	All	All	1.5L LfV	All
GMC	Terrain	2018	All	All	1.5L LYX	All

Involved Region or Country	China, Europe, Holden, International Operations (GMIO), Korea, North America and South America
Additional Options (RPO)	NONE
Condition	Engine oil leak from front crankshaft oil seal
Cause	Potential compression issue causing abnormal crankcase pressures leading to engine oil leaks.

Correction:

If replacing the front crankshaft oil seal for an oil leak, perform the following diagnostic checks to avoid a repeat service visit.

Check for current or history misfires in GDS2.

Refer to bulletin [19-NA-122](#) "Rough Running Engine, Malfunction Indicator Lamp (MIL) Illuminated - DTC P0300 Set" for compression and cylinder leakage checks to be sure that no piston damage has occurred as this can cause elevated crankcase pressures leading to engine oil leaks.

Perform compression and cylinder leakage checks to be sure that no piston damage has occurred as this can cause elevated crankcase pressures leading to engine oil leaks.

Version History

Version	3
Modified	09/11/2017 Created on 10/20/2017 Updated to update regions 09/26/2019 Updated to remove reference to PIP5421 added 19-NA-122



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