



Preliminary Information

PIP5241B Appearance Of Cracks In Engine Block Deck Surface

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Encore	2013 - 2019	All	All	1.4L LUV, LUJ	All
Cadillac	ELR	2014 - 2016	All	All	1.4L LUU	All
Chevrolet	Aveo	2004 - 2012	All	All	1.6L L91, LXV	All
Chevrolet	Cruze	2011 - 2017	All	All	1.4L LUV, LUJ 1.8L LUW	All
Chevrolet	Sonic	2012 - 2019	All	All	1.4L LUV 1.8L LUW, LWE	
Chevrolet	Trax (US/Canada)	2013 - 2019	All	All	1.4L LUV, LUJ	All
Chevrolet	Volt	2012 - 2015	All	All	1.4L LUU	All
Pontiac	G3	2009 - 2010	All	All	1.6L LXV	All
Pontiac	Wave (Canada Only)	2005 - 2009	All	All	1.6L LXV	All

Supersession Statement

This PI was superseded to update Model Years. Please discard PIP5241A.

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

Condition / Concern

Improper engine block cleaning during engine block service could lead to lines in the block deck surface that may be mistaken for cracks.

Recommendations / Instructions

During engine block service, a technician using improper block deck cleaning methods may see lines in the block deck surface. (See photos below).





These lines may be mistaken for cracks.

These lines are the result of using abrasive pad / bristle devices to clean the gasket surface of the engine components. See the latest version of bulletin 00-06-01-012 for complete details on the use of these devices.

If improper cleaning methods are used it cannot be determined by GM if the integrity of the sealing surface has been compromised.

It takes about 15 seconds to remove 0.203 mm (0.008 in) of metal with an abrasive pad.

This is not a warrantable condition and should not be claimed as a warranty repair.

If slight traces of these lines are seen after using the proper gasket surface cleaning methods, they will not affect cylinder head gasket sealing.

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.



