



Service Bulletin

PRELIMINARY INFORMATION

Subject: Diagnostic Tips for Oil Leak from Timing Belt Area

Models: 2014-2015 Chevrolet Cruze, Sonic, Trax
Equipped with 1.8L Engine (RPOs LUW, LWE, 2HO)

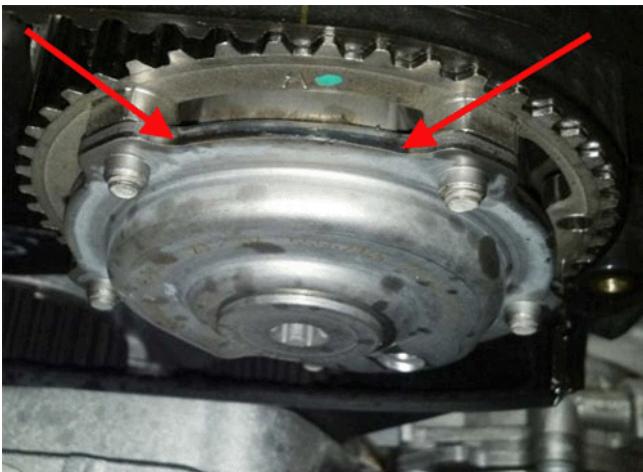
Attention: This PI also applies to any of the above models that may be South America Export vehicles.

Condition/Concern

Some customers may comment on an oil leak. Technicians may find that the oil leak may be isolated to the timing belt area.

Recommendation/Instructions

Remove the timing belt upper front cover and inspect for signs of engine oil in the camshaft sprocket and timing belt area. This is a dry area and should not show signs of oil residue. Refer to Timing Belt Upper Front Cover Removal in SI.



Clean any residual oil from the camshaft sprockets. Using white paper, run the engine off idle at 2000 RPM to check for oil being ejected from either the intake or exhaust camshaft sprocket.



It may require you hold the paper near each sprocket to identify which sprocket is leaking. The oil shown on the paper in the picture is after approximately 30 seconds of operation at 2000 RPM. The arrows indicate the area of the potential leak.

If oil is ejected from the camshaft sprocket, replace the leaking sprocket and the timing belt.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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