



Service Bulletin

File in Section: 06 - Engine

Bulletin No.: 07-06-02-006E

Date: March, 2012

TECHNICAL

Subject: Coolant Leaking from Engine (Replace Coolant Crossover Pipe Gaskets)

Models: 2006-2007 Buick Terraza
 2009-2010 Buick Lucerne
 2006-2007 Chevrolet Monte Carlo, Uplander
 2006-2010 Chevrolet Impala, Malibu
 2006-2007 Pontiac Montana SV6
 2006-2009 Pontiac G6
 2006-2007 Saturn Relay
 2007-2009 Saturn AURA
 2008-2009 Saturn VUE
 Equipped with 3.5L or 3.9L Engine (VINs N, K, 1, R, W – RPOs LZ4, LZE, LZ9, LZ8, LGD)

This bulletin is being revised to change VIN Information. Please discard Corporate Bulletin Number 07-06-02-006D (Section 06 – Engine/Propulsion System).

Condition

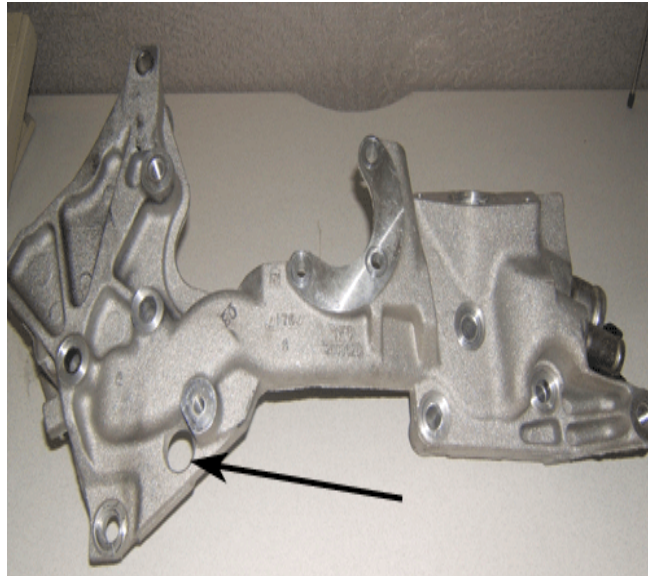
Some customers may comment on coolant leaking from the engine.

Cause

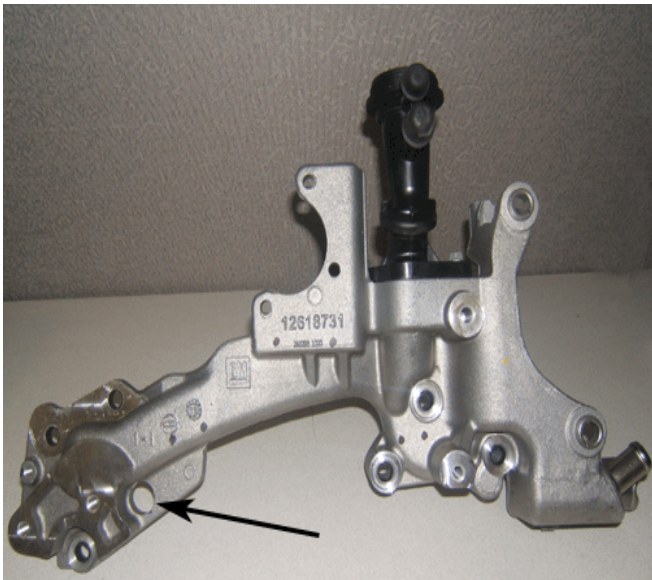
The gasket located between the coolant crossover pipe and the front of the right (rear side) cylinder head may be leaking.

Correction

Replace the coolant crossover pipe gaskets with updated service replacement gaskets. There are three coolant crossover designs. The second design crossover started during the 2008 model year. The second design crossover has an access hole for a cylinder head plug on the rear bank (bank 1). This crossover uses the three mounting hole gasket. The two examples below use the three hole gasket.

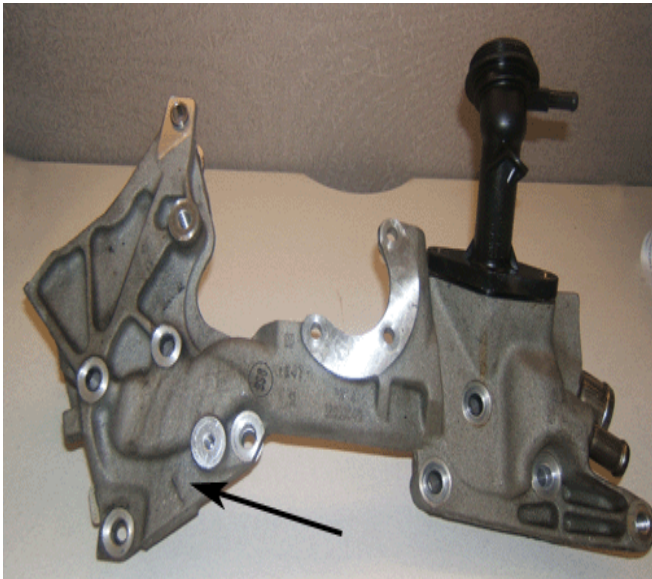


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The first design crossover does not have a hole in the bank area of the crossover. This crossover uses the four mounting hole gasket.



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Important: Before installing the new gaskets, make sure that the mating surfaces on the crossover manifold and cylinder head are completely clean and that NO OIL or OIL RESIDUE exists.

Parts Information

Part Number	Description	Qty
12623852	GASKET-ENG COOL C/OVR PIPE (1st and 2nd Design – Bank 2)	1
12623853	GASKET-ENG COOL C/OVR PIPE (2nd Design, 3 Mounting Holes)	1
12577704	GASKET-ENG COOL C/OVR PIPE- (1st Design, 4 Mounting Holes)	1

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
J3529	Engine Coolant Crossover Pipe Replacement	Use Published Labor Operation Time

