



Technical Bulletin



Manufacturer: GM (TSB 08-06-01-012)

Service Plus Group: 02 -03 -0808

Subject: Engine Coolant Leak, Loss of Coolant (Replace Affected Cylinder Head Gasket)

Model: 2006-2007 Buick Terraza
2006-2007 Chevrolet Monte Carlo
2006-2008 Chevrolet Impala, Uplander
2008 Chevrolet Impala
2006-2008 Pontiac G6, Montana SV6
2006-2008 Saturn Relay
2007-2008 Saturn Aura
with 3.5L or 3.9L Engine (VINs N, K, R, W, 1, 3, - RPOs LZ4, LZE, LZ8, LGD, LZ9, LZG)

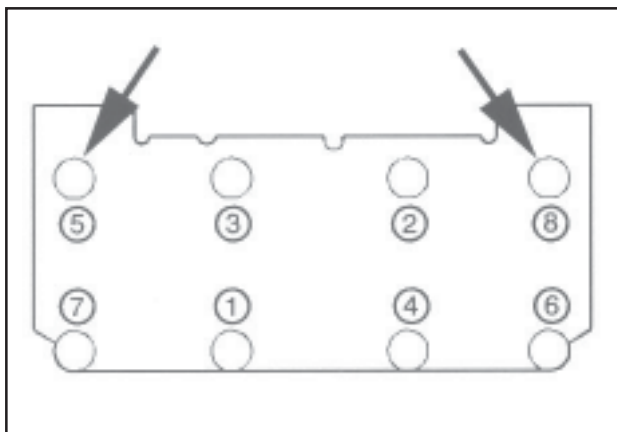
Condition

Some customers may comment on a coolant leak. The comments may range from spots on the driveway to having to add more coolant.

Upon inspection, the technician may find that there is an external coolant leak coming from the top end of either cylinder head.

Correction

Follow the appropriate diagnostic information. If a leak is found to be coming from a cylinder head gasket, the gasket must be replaced. When replacing the gasket be advised that larger flange hex head bolts are now to be used at locations 5 and 8. The larger flange hex bolts are the same as the ones used at the other six locations. When installing the two large flange hex head bolts at locations 5 and 8 a new style lower intake manifold gasket that has provisions to allow for the larger flange bolts must be used. These new lower intake manifold gaskets are contained in the gasket kits below.



Part Number	Description	Qty
19179755	Gasket Kit, Cylinder Head	1
11569648	Bolt, Cylinder Head	2

CAUTION

Failure to use the new lower intake manifold gaskets when installing the larger flange hex head bolts at locations 5 and 8 may result in the lower intake manifold not fitting properly, which may result in a leak condition.

Important: Lower intake manifold gaskets contained in older gasket kits will not have the provisions needed when installing the larger flange bolts.