



Oil Restrictor Caution on 2008-2011 GM 1.6, 1.8L Engines

The AERA Technical Committee offers the following information on an oil restrictor caution for 2008-2011 GM 1.6 & 1.8L LXV & 2H0 engines. These engines are used in Chevrolet Aveo, Pontiac Wave & G3 and Saturn Astra vehicles.

When the cylinder head has been removed, it is important to visually inspect the restrictor shown in Figure 1 below. The restrictor orifice is located on the exhaust side of the block, between cylinders' number 2 and 3. There have been reports of melted or distorted restrictors on engines that have been severely overheated. If this condition is observed by finding a distorted or melted piece of plastic, further engine diagnosis may be required. Apparently, the high temperature plastic oil feed restrictor orifice in the block deck has exceeded its designed temperatures.

If it becomes necessary to replace the restrictor orifice, not related to excessive engine temperature damage, please use the latest part number listed in the GM parts catalog.

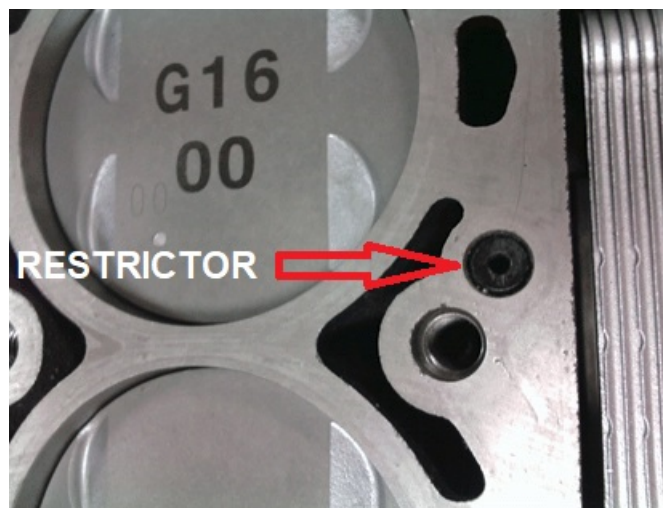


Figure 1. Oil Restrictor in Block Deck

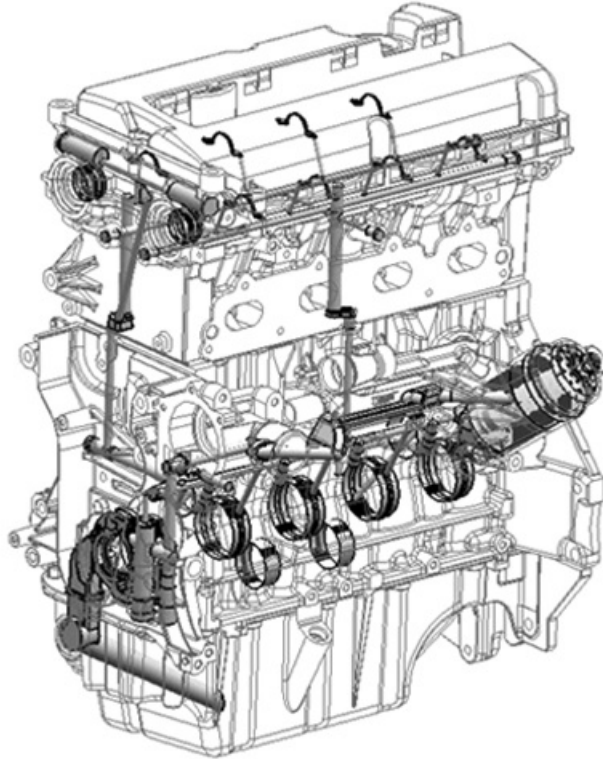


Figure 2. Engine Oiling System