

SOLUTIONS

General Motors LS Series Gen III & IV 4.8L, 5.3L & 6.0L Consolidated Multi-Layered Steel Cylinder Head Gaskets

ISSUE:

When the OE composite designed cylinder head gasket changed to an improved Multi-Layered Steel (MLS) design for the 4.8L & 5.3L in 2001 and 6.0L in 2002, the cylinder head gaskets were no longer interchangeable. This prevents engine builders and technicians from installing the best MLS designs in older engines of the GM LS series due to resulting coolant leaks.

RESOLUTION:

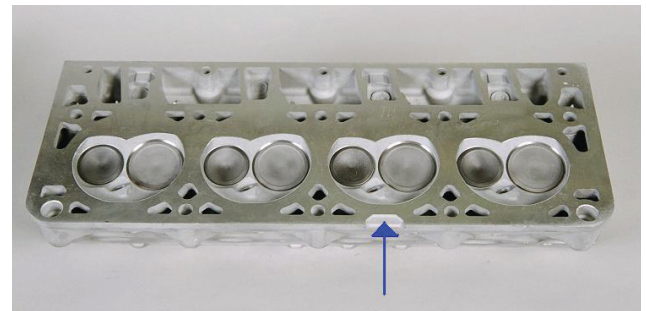
Through vigorous testing and analysis, MAHLE Original has engineered a replacement MLS gasket design that fits GM Gen III 4.8L, 5.3L (1999-2000) and 6.0L (1999-2001) series engines. These gaskets accommodate both the early and late style head designs. Additionally, the MLS design features an embossed stainless steel stopper layer. MAHLE Original utilizes state-of-the-art blue FKM elastomer coating on the "active" layers. This special coating is recognized for the outstanding ability to seal the head and block mating surfaces (up to 60^{FA}) without the need for exotic surfacing equipment and techniques.

APPLICATION:

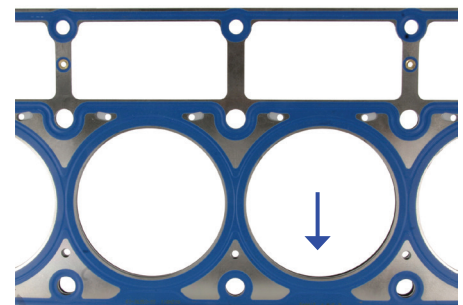
GM LS series Gen III and IV, 4.8L, 5.3L, 5.7L, 6.0L and 7.0L from 1999 thru 2009 are covered with these four part numbers:

- **54441** - GM 4.8L VIN V, 5.3L VIN P, T & Z 1999-2007
- **54442** - GM 4.8L VIN C 2007-2008, 5.3L All VIN except P, T & Z 2005-2009, 5.7L 1997-2005
- **54445** - GM 6.0L VIN H, N & U 1999-2008
- **54446** - GM 7.0L 2006-2008

Consult your **MAHLE Gasket Catalog** or your local distributor for exact application/part number detail.



Recess in Cylinder Head



MAHLE Original MLS design