

SOLUTIONS

General Motors 4.5L Head Gasket

ISSUE:

Coolant leaks may develop around the cylinder head bolts on General Motors (GM) 4.5L (273 CID) engines. These leaks occur when there is an insufficient gasket load on the pushrod side.

RESOLUTION:

MAHLE Original offers a graphite replacement cylinder head gasket specifically designed for the GM 4.5L (273 CID) engine. This gasket is a PTFE coated head gasket composed of solid graphite material clinched to a perforated steel core. In addition, the gasket features a silicone beaded coating on the pushrod side of the gasket. This extra coating increases the load on the gasket where it is needed.

The gasket also comes with laced stainless steel flanges, grommets around the bolt holes to distribute the bolt load evenly and to provide a seal around the head bolts. The graphite gasket also maintains a load even during thermal expansion and enhances heat distribution, eliminating hot spots and gasket burnout. Moreover, the PTFE coating resists gasket fretting during thermal expansion and contraction of the aluminum head.

APPLICATION:

MAHLE Original part number **5781G** is available for 1988 to 1992 GM 4.5L (273 CID) engines.

