

# SOLUTIONS

## Ford 4.6L and 5.4L Head Gasket

### ISSUE:

Aftermarket technology being what it is, not all head gaskets are created equal. This certainly applies to the Ford 4.6L and 5.4L "Modular" engine. Many of these engines are in "severe duty" applications, trucks, vans, police cars, taxicabs and Mustang GTs and require the best sealing technology available.

### RESOLUTION:

MAHLE Original has added combustion load limiter technology to the aftermarket. This is the same technology used to seal the world's most powerful production car, the 16 cylinder Bugatti Veyron with 1000 horsepower. Multiple, individual concentric waves stamped from spring steel provide a flexible combustion seal required when engines reach extremes of temperature and combustion conditions. The "flexible seal" can compensate for the range of motion caused by both cylinder head "lift-off" and thermal expansion and contraction that occur as the engine runs and maintain a constant seal.



### APPLICATION:

MAHLE Original part number **54232** and **54233**, right and left hand, respectively, head gaskets are available fitting 1991-2008 (2V and 4V) Ford 4.6L engines and 1997-2008 Ford 5.4L engines. MAHLE Original has also introduced the same technology in a .010" thicker version designed for engine rebuilders who have milled blocks and/or heads and need to restore correct cylinder volume. The .010" thicker part numbers are **54457** and **54458**, right and left, respectively.

*Note: MAHLE Original reminds you that the torque-to-yield head bolts must be replaced when installing this gasket.*