

Solving GM Trucks Intake Manifold Gasket Issues

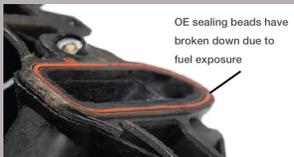
INSIDE THE PROBLEM



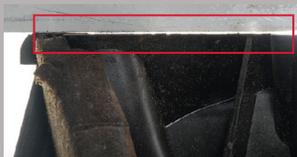
Leaking OE intake gaskets on the OE intake manifold

GM trucks and vans from model years 1999-2015 with 4.8L, 5.3L or 6.2L engines can be subject to problems with the intake manifold gasket. These engines utilize a plastic carrier-style intake manifold gasket as original equipment. Over time, heat and corrosive ethanol-blended fuel mixtures can cause the carrier and sealing beads to degrade and crack.

CAUSES



OE sealing beads have broken down due to fuel exposure



The problem can also result in visible light peeking through the straight-edge and port sealing surfaces. This indicates manifold warpage.

The OE gasket can leak due to over compression while the plastic intake manifold gasket may warp from heat cycling. Also, the OE-style gasket uses plastic clips to position the gasket. These clips break, especially if the gasket needs to be removed once clipped to the manifold.

THE SOLUTION

FEL-PRO[®] PERMADRYPLUS[®] INTAKE MANIFOLD GASKET [MS 98016 T](#)

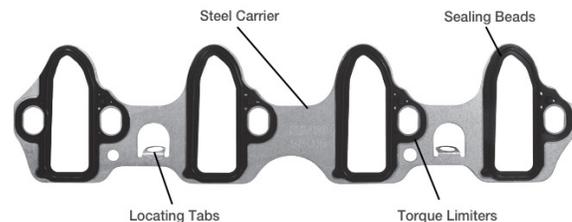


Fel-Pro PermaDryPlus gaskets are engineered and manufactured specifically for the repair environment to help seal imperfect sealing surfaces. PermaDryPlus gaskets feature exclusive application-specific technologies for a superior seal. You can count on PermaDryPlus intake manifold gasket set MS 98016 T to get the job done right.

Fel-Pro PermaDryPlus intake manifold gaskets utilize an aluminized steel carrier that won't crack or break down. The metal carrier is unaffected by corrosive fuel mixtures and won't become brittle from heat cycles like the OE plastic. Integrated torque limiters prevent over compression of the sealing beads and cracking of the carrier.

The molded rubber sealing beads are made of Fel-Pro's proprietary molded rubber compound. This proprietary rubber resists all automotive fluids, preventing sealing bead breakdown. The superior material properties of these sealing beads eliminate leak paths and help maintain a proper seal, even if the manifold is slightly warped.

FELPRO
PERMADRYPLUS



The metal carrier design of MS 98016 T also incorporates locating tabs that hold the gasket in place on the cylinder head by slipping over the head bolts. This is a more durable solution than the OE plastic clips.

Visit FelPro.com to learn more about how our gaskets are designed for the repair environment to help seal imperfect sealing surfaces. Find Fel-Pro products with our easy [part finder](#) and products near you with our [part store and repair shop locator](#).

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