



Base Mount Gasket

Leaks between the engine block and exhaust chamber are an inherent problem on EMD engines. The primary issues that create this problem are engine vibration and thermo-cycling. Over time, fasteners loosen and the gasket leaks, due to loss of proper load.

Innovative Solutions-

As innovators in seal technology, MPRCSeals.com has solved this common problem. An upgraded filler of the gasket composed of a high temperature blend of materials has been added, performing up to 1800°F, while providing greater torque loading. The base metal has been dramatically improved to a 316SS for higher temperature resistance and performance. Together, these upgrades prevent unwanted gasket distortion and uneven wear from vibration and rocking, assuring maximum sealing performance. Additionally, MPRCSeals.com has proudly reintroduced an innovative fastener that had been previously developed for this application over ten years ago, trademarking the new name **Tork-n-Lok™**.

Proven Results-

Our fastener was put to the test on a heavy-use switcher engine. The test was conducted over a 2- 1/2 year span where cars were constantly being moved. It was critical to us that we test in severe service, and at the conclusion of our 2-1/2 year study, our **Tork-n-Lok™** fastener ran without loosening, and we were awarded a perfect score.

MASTER PACKING & RUBBER COMPANY

An ISO 9001:2015 Certified Company



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INSTALLATION INSTRUCTIONS

EXHAUST MANIFOLD TO ENGINE BLOCK
Tork-n-Lok™ BOLT

Replacement for EMD® Exhaust Stack Bolt 40055467
MPRC # 0-9318052-TL-32
BOLT: .625-18 UNF X 3.25 LG. - Grade 8



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STEP 1 Place *Tork-n-Lok™* bolt in hole and turn in by hand.

Finish tightening in proper pattern. Achieve 100% torque by using steps of 50% of torque on first pass, 80% torque on second pass and 100% on final pass.
MAXIMUM TORQUE SHOULD NOT EXCEED 135 LBS/FT.

STEP 2 Engage LOCK PIN by tightening CENTER LOCKING BOLT. **DO NOT EXCEED 9 LBS/IN TORQUE.**

WARNING

DO NOT ATTEMPT TO REMOVE OR FURTHER TIGHTEN THE *Tork-n-Lok™* FASTENER WITHOUT **LOOSENING THE CENTER LOCKING BOLT** FOUR (4) COMPLETE TURNS AND TAPPING DOWN FLAT TO DISENGAGE THE LOCKING COLLAR.

MPRC IS NOT RESPONSIBLE FOR DAMAGE THAT MAY OCCUR IF THE ABOVE INSTRUCTIONS ARE NOT FOLLOWED.

EMD® is a registered trademark of Electro-Motive Diesel, Inc.
Tork-n-Lok is a trademark of Master Packing & Rubber Company and is Patent Pending

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