



Technical Bulletin:  
Date: March 4, 2016  
TSB: 16.3.4JL

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**Subject: MileGuard Spin-on Oil Filter P/N MO9688 used on Hyundai/Kia Vehicle Applications**

This bulletin is being issued to address market concerns regarding or pertaining to oil filter over-pressurization on certain late model Hyundai/Kia vehicles.

Over-pressurization is caused when the oil system pressure reaches levels much higher than normal operating conditions. It can result in bulging of the filter body and in the most serious case, loss of engine oil. Over-pressurization is not caused by a defect in the oil filter.

Typical engine operating oil pressures range from 40 – 60 psi. In cold start-up conditions when the oil is thicker, pressures may increase to 125 psi for a short period. If an over-pressurization event occurs, the engine should be serviced to determine the root cause of this problem.

The MileGuard Spin-on oil filter P/N MO9688 specified for late model Hyundai/Kia's will withstand burst pressures up to 350 psi, a safety factor well beyond normal operating conditions. This filter is designed to meet all Hyundai Original Equipment oil filter requirements for fit and function for the applications specified when properly installed to  $\frac{3}{4}$  - 1 turn.

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**Engine and equipment manufacturer's warranties remain in effect when using MileGuard filters.**

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For more information or purchase, please call Technical Services at 1-800-882-0890. FRAM Filtration is an ISO/TS16949 registered company. The information contained herein is intended to be used as an indication of performance and is not meant to be used as an exact specification. The information is based upon test data and is subject to test and material variability. Changes may occur based upon technology, process and material innovation as Champion Laboratories strives to attain the highest levels of performance and customer satisfaction. These changes may occur without notification.