

Prime Guard Filters

Sales and Marketing Bulletin

Bulletin Number: PG16-12-21 (Revised)

March 15, 2017

CUSTOMER: Prime Guard Filter Customers

SUBJECT: **POF4461** Prime Guard Spin-on Oil Filter
2012 & Newer Hyundai / Kia Models
L4 1.6L, 1.8L, 2.0L 2.4L Engines

FROM: Prime Guard Technical Service Department

Important service update:

The following service update has been published to inform Prime Guard customers of a possible baseplate gasket sealing issue.

Background:

The POF4461 Prime Guard Oil Filter was specifically designed to handle the extraordinarily high engine oil pressure produced when the oil pressure regulating valve in the engine malfunctions.

Issue:

Oil filter base plate sealing gasket “blow out”, causing engine oil loss and subsequent engine damage. This is caused by improper inspection, and lubrication of the sealing gasket.

CAUTION:

When installing this oil filter, it is critical to insure that the base plate sealing gasket is properly seated in the base plate groove. It is also important to lubricate the sealing gasket with clean motor oil. The filter must be turned $\frac{3}{4}$ to 1 full turn after the sealing gasket has contacted the filter mounting plate on the engine. It may be necessary to use an oil filter cap wrench when installing this filter. The gasket is designed to work at near “metal to metal” tolerances.

Oil Filter Tightening Test Results:

1. Loosely hand tightened – 2.0MPa (290psi)
2. $\frac{3}{4}$ turn tightened (2N-m) – 2.4MPa (348psi)
3. $\frac{4}{5}$ turn tightened (5N-m) – 2.7MPa (377psi)
4. 1 full turn tightened (18N-m) – 2.7MPa (392psi)

After installation, start the engine and allow it to run for at least 60 seconds. Visually inspect the filter to insure that there are no leaks.

Prime Guard takes these issues seriously and will continually work closely with quality filter manufacturers to provide the highest quality filtration products along with the best coverage in the aftermarket.

Please call your salesperson with any questions or concerns you may have.

Prime Guard Technical Service Department