



Technical Information Bulletin

E224



Section

Fuel - 44

Subject

PACCAR MX Engines with Air in Fuel System after Secondary Fuel Filter Replacement

Release Date

11/14/2018

Revision

11/15/2018: Corrected affected fuel filter part number.

Condition

The engine may not start or have a lack of power immediately after replacing the secondary fuel filter. Some fuel filters have been found to be misassembled at the factory, causing a deformation in the sealing surface that allows supply fuel to bypass the seal into the return flow, preventing gallery pressure build-up. This results in the following symptoms after installing the secondary fuel filter:

- Engine is hard to start
 - DTCs P0087 and/or P1087
 - Lack of power
 - Low fuel pressure
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Chassis Affected

All PACCAR MX-11/MX-13 powered chassis using fuel filter part number 1852006PE.

Action

Information Only

If the engine shows symptoms of fuel aeration after replacing the secondary fuel filter, remove the filter and inspect it for deformed seals. See the procedure below.

Warranty

File warranty claims through Cummins.

Take-Off Parts Disposition: Destroy take-off parts after recording date code, UNLESS the date code is 18141 or later. If the date code is 18141 or later, retain the part until 30 days after the claim is paid.

Claim information:

- Date code format is 18XXX-XXXXXX
- Claim information must include "Gasket Sealing Issue" and the date code.

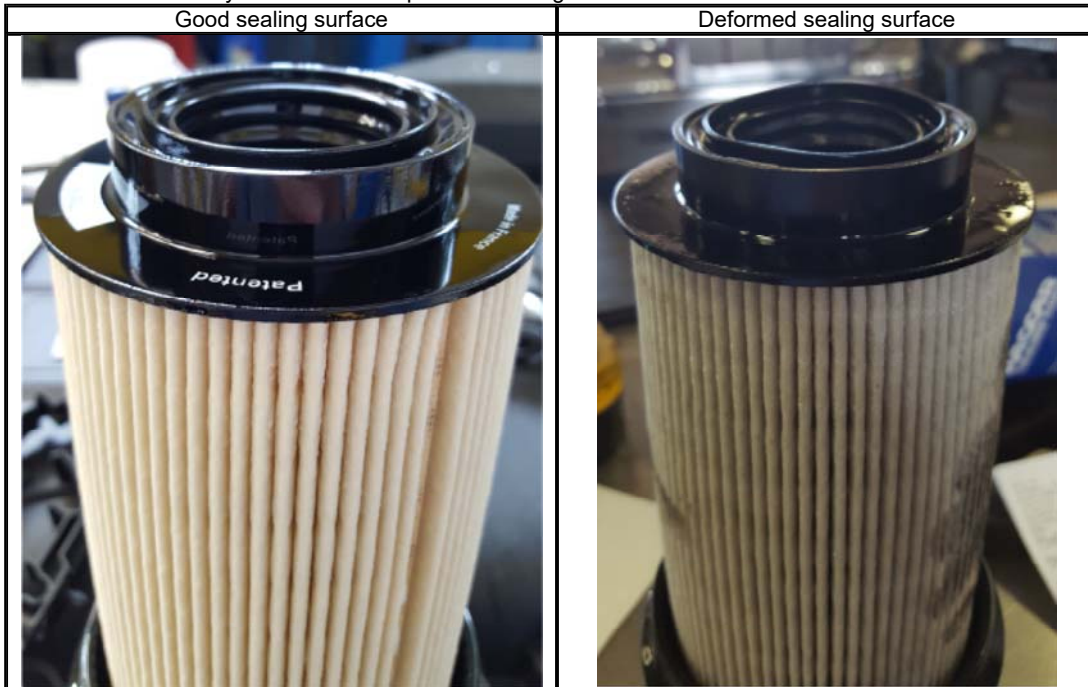
Please direct any warranty questions to: jason.dunning@cummins.com

Background

PPD initiated an inspection of all fuel filters in stock at distribution centers and dealers to find filters with a deformed seal surface. It is possible that some filters were missed during this inspection.

Procedure

1. Remove the secondary fuel filter and inspect the sealing surface.



2. If the sealing surface is found to be deformed, record the date code of the filter and file a warranty parts claim. The date code of the sample element shown below is 18109. If the filter is not deformed, perform normal troubleshooting.

i NOTE

Elements with date code 18141 or later are not suspect.

Figure 1 Date Code Location



Authored by: OF

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