



No.: 15 TS-6

February 4, 2015

TO: Service Locations
FROM: Service Systems Development

SUBJECT: Replacement of the High Pressure Fuel Pump Camshaft Oil Seal

Note: This document supersedes 14 TS-26.

ISSUE

High Pressure Fuel Pump (HPFP) camshaft oil seal (1) can fail causing an oil leak at the weep hole location (3) on the HPFP. Replacement of the HPFP is no longer necessary; replace the oil seal instead. High Pressure Fuel Pumps affected are EPA07/10 and GHG14 DD13/15/16 engines, built before engine serial number 201835 with Racor three-filter and KM59 (GEN1) two-filter systems and engines built before ESN 205055 with KM63 (GEN2) two-filter systems.

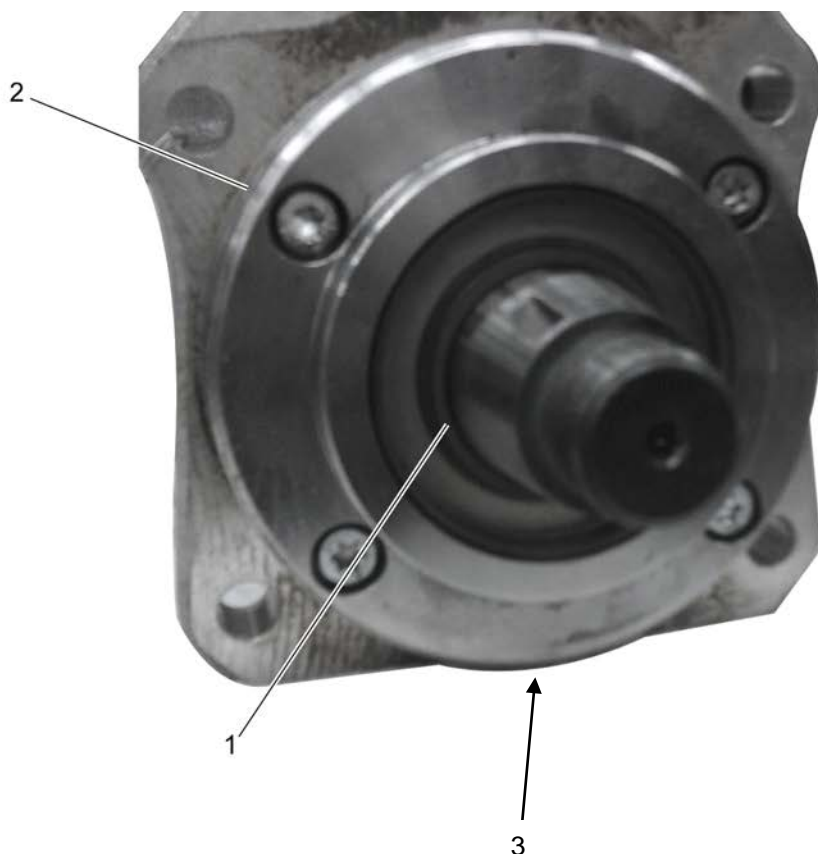
For engines built after these engine serial numbers, the new design seal has already been implemented. If after diagnostics, you determine the HPFP camshaft oil seal is leaking, replace the pump and return the original pump to Detroit.

NOTE

Do not mistake an oil leak at the HPFP for the O-ring (2) at the groove on the HPFP that seals the HP pump into the timing case. The O-ring (2) on the HPFP is serviceable on all pumps. The camshaft seal will leak at the weep hole location (3).

REQUIRED ACTION

18SP706 and service tool W470589055900 will provide the necessary tools, parts, and instructions required to replace the HPFP camshaft seal (1).



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CLAIM PROCESS

Normal in-warranty procedures apply. **Proactive replacement of the High Pressure Fuel Pump Camshaft Oil Seal is not allowed under warranty.**

For claims with primary failed part (PFP) number, A0159979846, when repair visits consist of one repair, utilize the following labor operations:

- #022000A2: # HIGH PRESSURE FUEL PUMP EXTERNALLY LEAKING OIL AT THE WEEP HOLE / CAMSHAFT OIL SEAL – R&R
AND
- 939-6010A: ADMINISTRATIVE TIME

For claims with PFP number, A0159979846, when repair visits consist of multiple repairs and a CLO has been utilized, include the following labor operations:

- 022000: HIGH PRESSURE FUEL PUMP ASSEMBLY - R&R
AND
- 022017: HIGH PRESSURE FUEL PUMP (HPFP) CAMSHAFT OIL SEAL – R&R
AND
- 022000A: HIGH PRESSURE FUEL PUMP DIAGNOSTICS – EASY
AND
- 939-6010A: ADMINISTRATIVE TIME

CONTACT INFORMATION

Please contact the Detroit™ Customer Support Center at 800-445-1980 or email csc@daimler.com if you have any questions.