



**No.: 14 TS-26**  
September 18, 2014

TO: Service Locations

FROM: Service Systems Development

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

### **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 ESN 205055 with KM63 (GEN2) two-filter system .

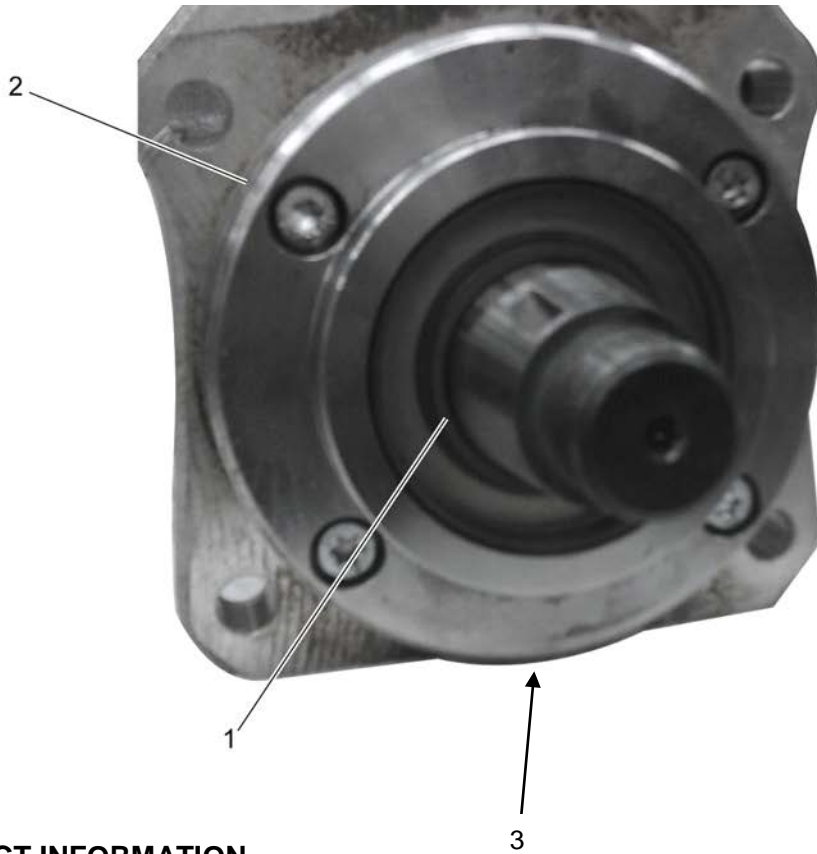
For engines built after these engine serial numbers, the new design seal has already been implemented. If after diagnostics, you determine the HPFP camshaft oil seal is leaking, replace the pump and return the original pump to Detroit.

### **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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**CONTACT INFORMATION**

Please contact the Detroit Customer Support Center at 800-445-1980 or email [csc@daimler.com](mailto:csc@daimler.com) if you have any questions.