



No.: 17 TS-15  
August 3, 2017

TO: Service Locations

FROM: Service Systems Development

SUBJECT: **Misdiagnosed High Pressure Fuel Pump**

## ISSUE

High Pressure Fuel Pumps are being submitted for warranty with a claimed oil leak from the pressure differential port (weep hole) which are inspected and found to be leak free. High pressure fuel pumps with the part numbers A4710900850, A4720901550, A4700902150 have a new and improved camshaft seal. All pump replacements for oil leakage after the change point have led to unnecessary part replacements, excessive customer downtime and non-credited warranty claims.

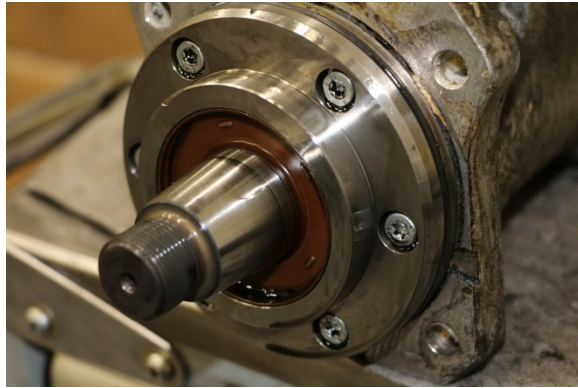
## REQUIRED ACTION

The troubleshooting for engine oil leaks only applies to oil leaks as defined by Detroit and the Department of Transportation which is an external fluid leak condition where fluids are pooling or leaking onto the ground. The troubleshooting and repair strategy for engine oil leaks has been updated and must be utilized immediately (EPA 07/10/GHG14 System Diagnostics – Engine Oil Leaks; GHG17 System Diagnostics – Engine Oil Leaks). **If oil is not pooling or leaking onto the ground inspecting the weep hole is not part of the repair strategy.**

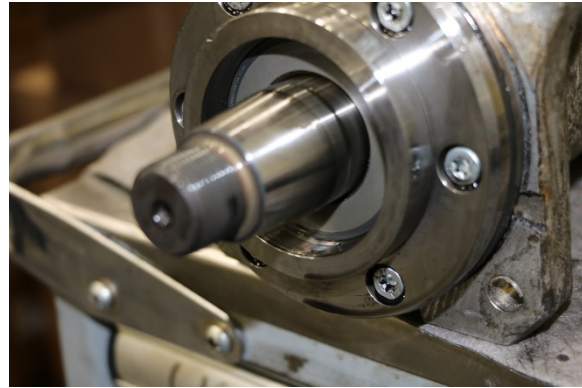
Table 1 gives examples of pumps that were replaced for oil leakage and were non-credited and also shows an example of damage to the camshaft oil seal.

**Table 1**

Example 1: Complaint: pump leaking oil

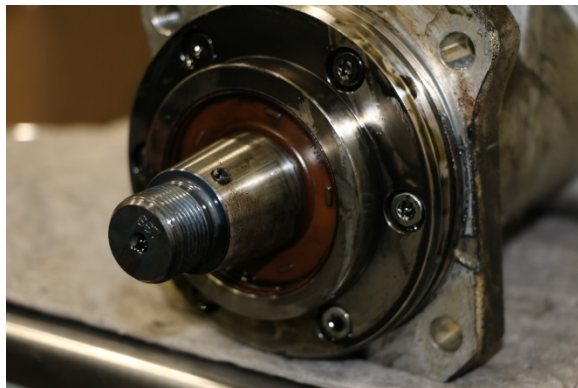


No damage to camshaft seal



No oil behind camshaft seal

Example 2: Complaint: pump leaking oil



No damage to camshaft seal



No oil behind camshaft seal

Example 3: Complaint: pump leaking oil



Failed New Style Camshaft Seal

## CONTACT INFORMATION

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