

SB-10044668-7969**CATERPILLAR****Service Information System**

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Technical Information Bulletin

Turbocharger Failures on Certain C15 Truck Engines{ 1052, 1053}

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Turbocharger Failures on Certain C15 Truck Engines{1052, 1053}

SMCS - 1052; 1053

Truck Engine:

C15 (S/N: BXS1-UP; MXS1-UP; NXS1-UP)

Introduction

The problem that is identified below does not have a known permanent solution. Until a permanent solution is known, use the solution that is identified below.

Problem

Turbocharger failures have been caused by excessive end-play which causes the turbocharger to no longer work properly. These failures are not always related to an issue with the turbocharger.

Solution

When investigating turbocharger failures on the engines listed above, be sure to download and review the Engine Control Module (ECM) data. Also, review any recorded events that may exist. Low oil pressure events or variable valve actuator system-related events can potentially cause inadequate lube oil flow to the turbocharger. Follow the diagnostic procedures outlined with these diagnostic codes to help alleviate any potential future turbocharger failures.

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