

Technical Service Bulletin Number
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TSB150171



Technical Service Bulletin

Subject

High Mount Turbochargers with Top Mount Turbocharger Actuator - Lubricating Oil Found at Turbocharger Sector Gear and Turbocharger Actuator Gear When Turbocharger Actuator is Removed

Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

- ISL9 CM2350 L101

Issue

During troubleshooting on engines equipped with high mount turbochargers with top mount turbocharger actuators, lubricating oil has been found around the turbocharger sector gear and the variable geometry turbocharger actuator gear. This is normal and does **not** indicate a malfunction has occurred.

Verification

See Figure 1 and Figure 2 below for examples of acceptable lubricating oil leakage near the turbocharger sector gear and the variable geometry turbocharger actuator gear.

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Figure 1, Acceptable Lubricating Oil Leakage Around the Turbocharger Sector Gear

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Figure 2, Acceptable Lubricating Oil Leakage Around the Variable Geometry Turbocharger Actuator Sector Gear

Resolution

Turbochargers and variable geometry turbocharger actuators should **not** be replaced if lubricating oil is found as shown in Figure 1 and Figure 2 above. For confirmation of actual lubricating oil leak from the turbocharger or turbocharger actuator:

- See the ISL9 CM2350 L101 Service Manual, Bulletin 4310787. [Refer to Procedure 010-033](#) in Section 10.
- See the ISL9 CM2350 L101 Service Manual, Bulletin 4310787. [Refer to Procedure 010-034](#) in Section 10

Published troubleshooting should be continued for the symptom(s) or fault code(s) present.

Document History

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2015-10-26	Module Created

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