



Technical Service Bulletin

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External Lubricating Oil Leak from Lubricating Oil Pan Flange	

External Lubricating Oil Leak from Lubricating Oil Pan Flange

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

- B6.7 CM2450 B155B

Issue

Symptom:

- Engine with less than 5,000 miles [8,050 km] experiencing external lubricating oil leak from lubricating oil pan flange.

Root Cause:

- One or multiple lubricating oil pan capscrews are under torqued
- Lubricating oil pan capscrews can lose their torque effectiveness through normal operation caused by capscrew relaxation. Lubricating oil pan capscrew relaxation leads to reduced clamping load creating a lubricating oil leak path even with a properly functioning lubricating oil pan gasket.

Verification

- Engine has fewer than 5,000 miles [8,050 km]
- Engine has edge molded rubber or formed in place lubricating oil pan gasket
- Lubricating oil pan is leaking oil around capscrews or gasket, with **no** obvious gasket damage
- Prior to replacing the lubricating oil pan gasket, check the lubricating oil pan capscrew torque. See B6.7 CM2450 B155B Service Manual, Bulletin 5613229. Refer to Procedure 007-024 in Section 7. ([/qs3/pubsys2/xml/en/procedures/647/647-007-024.html](https://pubsys2/xml/en/procedures/647/647-007-024.html))

Resolution

- For edge molded rubber lubricating oil pan gaskets:

- Check lubricating oil pan capscrew torque.
- If out of specification, torque the lubricating oil pan capscrews. See B6.7 CM2450 B155B Service Manual, Bulletin 5613229. Refer to Procedure 007-024 in Section 7. (</qs3/pubsys2/xml/en/procedures/647/647-007-024.html>)
- Operate the engine and check for leaks, if the leak reoccurs, replace the lubricating oil pan gasket. See B6.7 CM2450 B155B Service Manual, Bulletin 5613229. Refer to Procedure 007-024 in Section 7. (</qs3/pubsys2/xml/en/procedures/647/647-007-024.html>)
- For formed in place lubricating oil pan gaskets:
 - Check lubricating oil pan capscrew torque.
 - If out of specification, torque the lubricating oil pan capscrews. See B6.7 CM2450 B155B Service Manual, Bulletin 5613229. Refer to Procedure 007-024 in Section 7. (</qs3/pubsys2/xml/en/procedures/647/647-007-024.html>)
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Document History

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