

 Preview Solution CBR-2409-5

## 13L Engine - Rear Main Oil Seal Leak - Model Year 2025

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### Valid For

**Volvo** VNL, VNR, VNX, VAH, VHD, VN (4)

**Mack** AN, GR, PI, TE

Engine build date of 1 April 2024 and newer

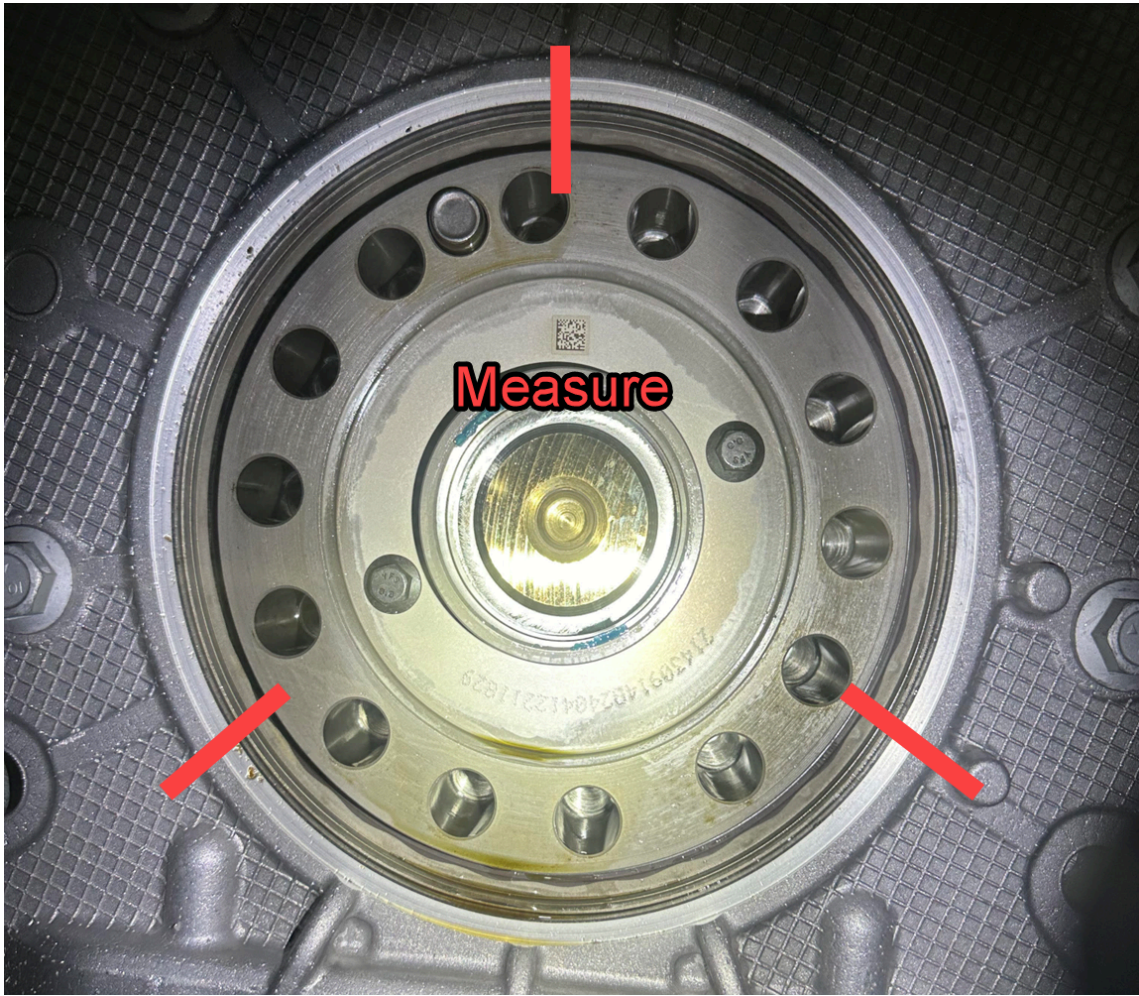
### Solution

**If an applicable vehicle is found to have an oil leak at the rear of the engine:**

1. As you are removing the flywheel, check the flywheel bolts for oil.
  - **If oil is coming from the flywheel bolts** refer to CBR-997
  - **If there is no oil on the flywheel bolts** continue to the next step.
2. **Remove and replace the rear main seal.**
  - Before installing seal check the replacement seal for any flashing or damage. (See image below)



3. Refer to Impact for the correct use and combination of installation tool parts.
  - Insure to lube the outside diameter of the seal.
4. Upon reinstallation measure the depth of the rear main seal in three places as shown below: Measurement should be taken from the face of the seal to the outer surface of the crank gear.
  - Specification for seal depth:  $8.5 \pm 0.4$  mm
  - All three measurements should be within 0.4 mm of each other





5. If the depth is found to be out of spec, repeat the installation procedure.

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