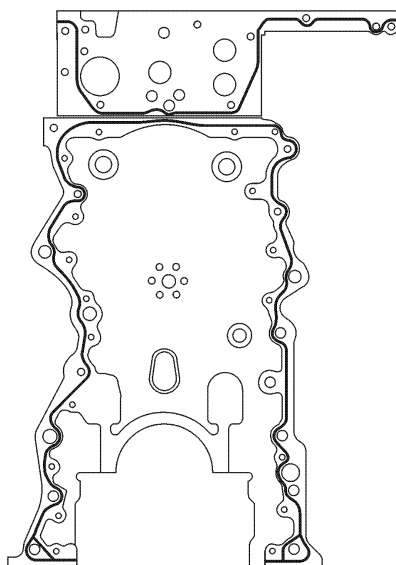


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Sealant, Timing Gear Plate,
Replacement
D16F

Sealant, Timing Gear Plate, Replacement



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This information covers procedures for replacing the sealant for the timing gear plate on the Volvo D16F engine.

Contents

- "Sealant, Timing Gear Plate, Replacement" page 2

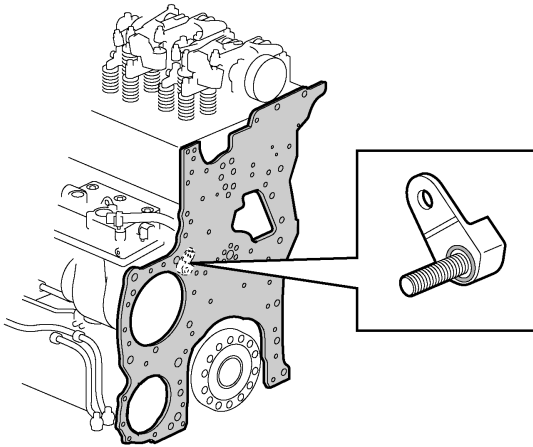
Note: Information is subject to change without notice. Illustrations are used for reference only and may differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

2152-03-03-04 Sealant, Timing Gear Plate, Replacement

Timing gears removed

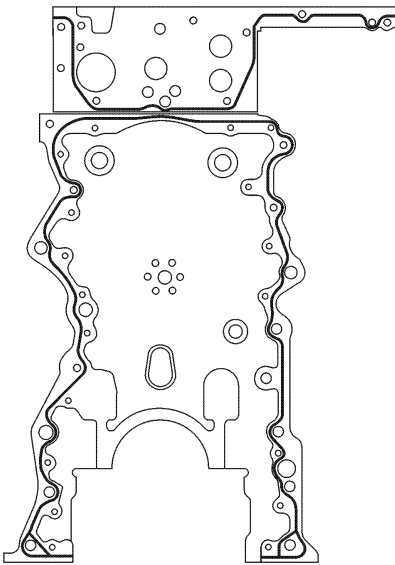
You must read and understand the precautions and guidelines in Service Information, group 20, "General Safety Practices, Engine" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

- 1**
Remove the compressor stud from the timing gear plate.



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- 2**
Remove the timing gear plate fasteners and remove the plate from the rear of the cylinder head and block.
- 3**
Clean the timing gear plate on both sides.
- 4**
Clean the contact surfaces on the engine block and cylinder head. Remove sealing compound from the groove on the engine block side of the plate.

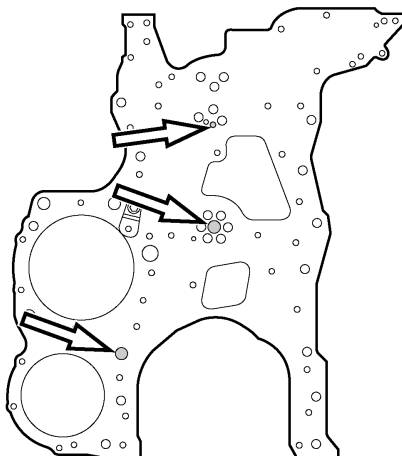


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5

Apply a two mm (0.079 inch) thick bead of Volvo sealant onto the rear face of the cylinder head and block according to the illustration.

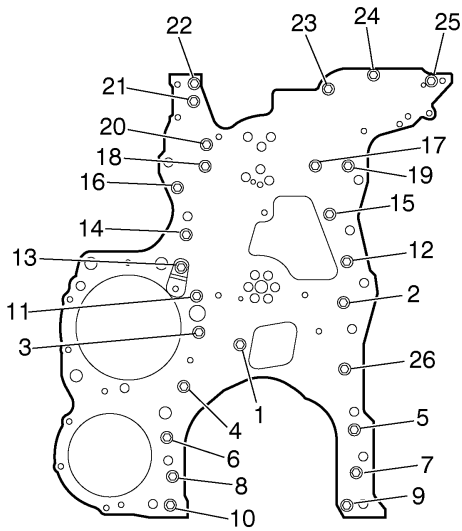
Note: The timing gear plate must be installed within 20 minutes of the sealant being applied.



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6

Assemble the timing gear plate over the guide pins located in the cylinder block.



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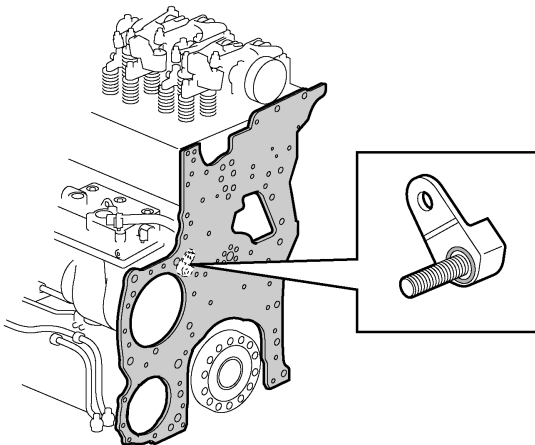
7
Install new fasteners into the gear plate. Using the proper tightening sequence, torque-tighten the fasteners to 28 ± 4 Nm (21 ± 3 ft-lb).

Note: Use only **new** fasteners pre-treated with locking compound.

28 ± 4 Nm
(21 ± 3 ft-lb)

8
Clean away excessive sealing compound before it dries.

9
Install the compressor stud with a new sealing ring and new fastener.



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