

VOLVO PENTA

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Service Bulletin

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Engine Oil Fill All Gas Engines

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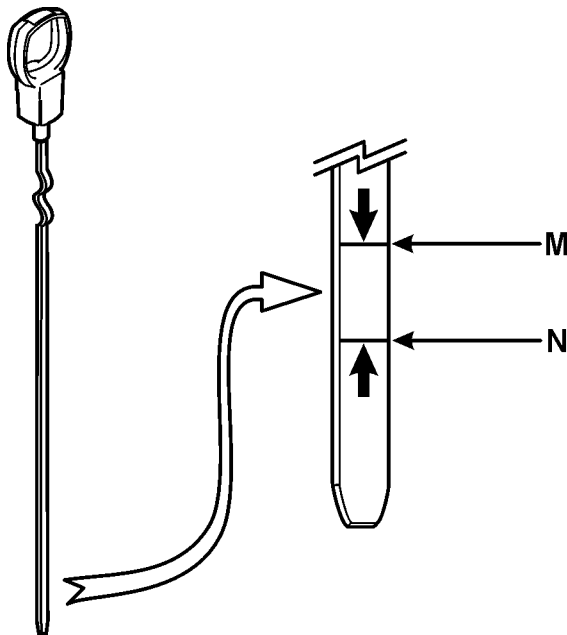
Correct Engine Oil Fill

Gas engines require a precise oil fill level to operate correctly. Overfilling results in high operating temperatures, foaming (air in oil), loss of power and overall reduced engine life.

Information has been provided in Operators Manuals, Workshop Manuals and other publications that provide crankcase capacities for these engines. This information is provided as a guideline for ordering parts and planning service work.

To insure the engine oil is filled to the correct level, the level must always be checked on the dipstick. This includes re-filling the crankcase as part of changing the engine oil.

Engine Oil Fill Procedure



50145

M: Maximum fill level

N: Minimum fill level

Follow this procedure when re-filling the engine oil:

1. Install new engine oil filter. Make sure the correct oil filter is used.
2. Find oil capacity in manual.
3. Add oil to engine:
 - For 3.0L or 4.3L engines, add 1/2 quart **less** than amount listed for the engine.
 - For V8 engines, add 1 quart **less** than amount listed for the engine.
4. Run engine at idle for 3 minutes, shut off and let oil drain back to pan. Wait 3 minutes.
5. Check oil on dipstick. Add or remove oil until level is in SAFE range on dipstick. This is shown in the diagram as between points **M** and **N**.

NOTE! Engine must be level for accurate reading on dipstick.

