Longblock guidelines, S. 7L

Models: 5.7Gi, 5.7GLi, 5.7GL, 5.7GS, 572/571/570, AQ311/290/271/260, BB260

Distribution: Parts  Date: 12-2004  Binder: Parts  Replaces: VPA91-903, VPS42-29

**Note!** Please read and understand Parts Bulletin P-21-0-1 before ordering any parts or longblocks. Bulletin P-21-0-1 contains important information that applies to all gas engine longblock service.

3858019 is currently used for service of Gen1 and earlier 5.7L engines. Most earlier 5.7L long block part numbers are replaced by this part number in the Volvo Penta parts system.

Gen1 5.7L engines can be identified by the bolts that secure the intake manifold to the engine. On Gen1 and earlier engines these bolts are installed at an angle. The intake bolts on the later Gen1+ engines are vertical.

Gen1+ engines are covered by other parts bulletins.

3858019 does not include the flywheel, circulation pump or intake manifold. The existing parts from the original engine should be re-used or new parts ordered.
The following parts come with this longblock:

<table>
<thead>
<tr>
<th>Part no.</th>
<th>name</th>
<th>qty</th>
<th>use</th>
</tr>
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<tbody>
<tr>
<td>3853273</td>
<td>locknut</td>
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<td>studs</td>
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<tr>
<td>3853274</td>
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<td>bushing</td>
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<td>fuel pump</td>
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<tr>
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<td>2</td>
<td>eire. pump</td>
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<td>oil adapter</td>
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<td>stud</td>
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<td>ground</td>
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<tr>
<td></td>
<td>spark plug</td>
<td>8</td>
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</tbody>
</table>

Note! Check workshop manual for the original engine for spark plug gap (G). The gap of the plugs in the long block may need to be changed.

**Parts Issues**

1. **Oil filter and capacity**

The long block uses oil filter 3850559. Crankcase capacity with this filter is 5.75 U.S. quarts (5.4 liters).

Note! Always use dipstick to determine proper oil fill. Picture shows correct oil fill.

M = maximum fill
N = minimum fill
2. Dipstick
For 5.7Gi, 5.7GLi, 5.7GL, 5.7GS;
The oil pan drain on the long block is metric. Most of these engines have drains that are standard. The oil tube assembly is anchored to this drain. The standard retainer will not fit.
Order;
1 ea. 3850822 retainer, metric
1 ea. 3851981 seal, oil fitting
1 ea. 3853674 o-ring

For 572, 571, 570, AQ311/290/271/260, BB260;
The dipstick and tube from the original engine will not work on the long block.
Order and install the parts shown. The picture shows how to assemble the oil tube assembly. Attach the tube assembly mounting tab (B) to the front port exhaust manifold bolt or stud.
Note! do not bend the oil tube assembly, it may change the reading of the dipstick.

3. Flywheel - AQ260A & BB260A
The flywheels from these engines will not fit on the long block. Order a new flywheel;

AQ260A  855814
BB260A  855833