Short block – the low-cost option.

- Cost-effective alternative with approx. 60% price advantage compared to the complete engine. High savings potential by reusing detachable components that are still functional.
- Practical option in case of engine damage when the cylinder head and other detachable parts can still be used.

At a glance

<table>
<thead>
<tr>
<th>Package contents</th>
<th>Model series</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Piston&lt;br&gt;• Crankshaft&lt;br&gt;• Connecting rods&lt;br&gt;• Cylinder crankcase&lt;br&gt;• Various small parts</td>
<td>• Engine model series: OM646, OM651&lt;br&gt;2-year warranty – may vary by country.</td>
</tr>
</tbody>
</table>

Warranty

2-year warranty – may vary by country.

Please check the detailed information about product contents and part numbers in VeDoc/Xentry Portal Parts Information/iParts or contact your Mercedes-Benz Partner. The pictures and product contents are shown as examples.

Advantages

Availability – rapidly back on the road

- Reduced downtimes thanks to prompt availability.
- Secure delivery in a special transport box.

Cost advantage – replacement on a tight budget

- Approx. 60% lower costs compared to replacing the entire engine since engine components such as cylinder head, injection and all detachable components that are still functional are reused.
- Attractive offer for price-sensitive customers with their own workshop.

Model series

2-year warranty – may vary by country.

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Cleaning and examination – carefully cleaned and tested

- All functional surfaces are carefully cleaned with environmentally friendly cleaning agents. This also reveals any hidden damage. Components that are especially difficult to clean such as the crankcase are cleaned in a multistage industrial process and checked for cleanliness. Advantage: Consequential damage from “bearing seizures” resulting from dirt is avoided. Performance and fuel consumption reach the level of a new engine.
- Detection of micro-damage on highly stressed components using a special crack test procedure with fluorescent magnetic powder. This ensures longevity of the repaired engine parts.
- Highly sensitive test procedures in order to comply with production tolerances in the area of µ-meters. While remanufacturing cylinder crankcases and crankshafts, the spherical shape of the piston ring on the main bearing and the connecting rod bearing must be between 2 and 4 µm.

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