

Subject: New hardening process for crankshafts.

Affected engine models:

All engine models

**L 2000,
L 2400**

Background Information:

The previously used hardening process - salt bath nitration - has poisonous byproducts, which cannot be disposed of in the future. Therefore a change to short time gas nitriding is necessary. Both processes are equivalent in terms of the nitride layer.

Priority:

None, new engines, which are manufactured after 01. JAN 1991, will be fitted with the new style crankshafts. Overhauled resp. repaired engines may be optionally fitted with the new version, depending on availability.

Compliance:

None

Remarks:

The crankshafts have new part numbers:

L 2000	P/No.: 201.031.010.000
L 2400	P/No.: 241.031.010.000

This document has been translated to the best of our knowledge. In case of doubt however, only the German original shall be considered authoritative.

LBA approved:

J. /

30. Aug. 1990

Bearb.: Limbach jr.



Replaces Edition from:

Page : 1

Gepr.: *B. Limbach jr.*

Edition: 31.08.90

of 1 Pages