

Engine type: M 32
Subject: Vibration damper 8 M 32

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Crankshaft Sleeve Spring Vibration Damper, Engine 8 M 32, Built 1995-2000

Based on our product monitoring in the field we have come to the conclusion that after a long operating time (>50,000 hours) 8 M 32 engines with sleeve spring vibration damper may be affected by increased wear in the area of the connection between balance weight and crankshaft web 16 / cylinder 8. As a result the threaded connection may fail. In the worst case, the balance weight may be ejected out of the engine.

We, therefore, recommend to have the balance weight of web 16 / cylinder 8 dismantled as soon as possible by a MaK Service Dealer. The Dealer will then evaluate the respective contact surfaces of crankshaft and balance weight and, if necessary, refinish them. After the inspection and possibly refinishing of the contact surfaces there will be no more increased risk.

In addition, we recommend to replace the sleeve spring damper after a running time of 60,000 hours by the current leaf spring damper version. We urgently advise against repairing or replacing individual components of the sleeve spring damper.

In case of continuing to operate the engine with a sleeve spring damper the inspection of the contact surfaces of crankshaft and balance weight at web 16 / cylinder 8 must be repeated every 15,000 operating hours.

All engines supplied since 2001 are equipped with a leaf spring vibration damper and, therefore, not affected.