

Subject: Intake Manifold

Affected engine models: All engine models:

L 1700 EB
L 2000 EB
L 2400 EB

Background information: In some cases engine overheating has been reported, caused by a combination of multiple unfavourable operating conditions. At certain rpm's pulsation of the fresh air charge in the intake manifolds may lead to an uneven mixture distribution. As a result thereof certain cylinders may run with leaner mixture, thus leading to higher combustion temperatures. The additional generation of heat in conjunction with defects in the cooling system has lead to overheating engines in some cases.

Priority: without

Compliance: As a remedy, modified intake manifolds are used on the engines listed above. Those manifolds are fitted with an internal deflector which leads to a more homogeneous mixture distribution. The engine power is not changed, the carburettor adjustment is not affected.

Engine Type	Part-No. Intake Manifold old		Part-No. Intake Manifold new	
	left	right	left	right
L 1700 EB	207.103.030.000	207.103.040.000	207.103.031.000	207.103.041.000
L 2000 EB	207.103.030.000	207.103.040.000	207.103.031.000	207.103.041.000
L 2000 EB1.AA	204.103.035.000 204.103.038.000	204.103.045.000 204.103.048.000	204.103.036.000	204.103.046.000
L 2000 EB1.AB	207.103.030.000	207.103.040.000	207.103.031.000	207.103.041.000
L 2000 EB1.AC	207.103.030.000	207.103.040.000	207.103.031.000	207.103.041.000
L 2400 EB1.AA	244.103.030.000 244.103.039.000 244.103.038.000	244.103.040.000 244.103.049.000 244.103.048.000	244.103.032.000	244.103.042.000 244.103.041.000
L 2400 EB1.AB	241.103.035.000	241.103.045.000	241.103.036.000	241.103.046.000
L 2400 EB1.AC	241.103.035.000	241.103.045.000	241.103.036.000	241.103.046.000
L 2400 EB1.AD	241.103.035.000	241.103.045.000	241.103.036.000	241.103.046.000

Remarks: Changing of the intake manifolds must be carried out in accordance with the relevant service literature.

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

Approval: This Technical Bulletin is approved in accordance with the procedures of the LBA approved development organisation LBA.NSD.006.

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