

Subject: Improved alternators 14V-33A and 14V-55A

Affected engine models:

All engine models:

SPORTAVIA LIMBACH SL 1700 E, EI
LIMBACH SL 1700 EB, EBI
LIMBACH SL 1700 EC, ECI
LIMBACH L 2000 E01
LIMBACH L 2000 EB1, EB1.A, EB1.B, EB1.C
LIMBACH L 2000 EC1

Background information:

- A) Radio noise suppression on light aircraft and powered gliders may be considerably improved, when using the new generation of alternators (Bosch).
- B) Increase of electrical power available.
- C) Restraintment of product range, improved availability of spare parts.

Priority: without

Compliance: All new engines starting from the following serial nos. are equipped with

Bosch	14V-33A	P/No. 201.113.005
or	14V-55A	P/No. 201.113.001 alternators.
SL 1700	E, EI	from serial-no.:1430
SL 1700	EB, EBI	from serial-no.:1061
SL 1700	EC, ECI	from serial-no.:1081
L 2000	E01	from serial-no.:1118
L 2000	EB1.(A,B,C)	from serial-no.:1402
L 2000	EC1	from serial-no.:1004

Together with the new alternators, the V-Belt Part-No.: 201.113.086 is needed. Conversion of older engines is possible on request.

Caution:

- A) The Bosch 14V-55A alternator (P/No.: 201.113.001) has an increased weight of 1.3 kg vs. the Bosch 14V-33A alternator and is only installed on special request, for applications with increased power demand.
- B) When converting older engines, modifications to the alternator support brackets and the electrical circuit are necessary, according to the wiring diagram no.: 000.009.001. Occasionally the engine mount might need modification also. Please contact your aircraft manufacturer before starting.

Remarks:

The change may only be carried out by trained personnel with the appropriate licences. Inspection by a licensed inspector is necessary and must be certified in the log-book. For the completeness of our records we need a message, when the modification is carried out.

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:

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