

MANDATORY

SERVICE BULLETIN

DATE: December 10, 2004 Service Bulletin No. 564

SUBJECT: Inspection of Suction Screen Length

MODELS AFFECTED: Lycoming AEIO-360-A1B6, -A1E, -H1B model engines listed below in Table.

TIME OF COMPLIANCE: Prior to any inverted flight but no later than next scheduled oil change (50 hours).

Lycoming has received a report of the incorrect oil suction screen being installed in some aerobatic engines. This will result in the plug installed in the oil suction pick up to become loose resulting in a loss of oil pressure during inverted flight.

Remove the oil suction screen and measure for correct length. The correct oil suction screen should be P/N 70484 and the length should be 4.50". If incorrect screen is found, ensure the P/N LW-13752 plug is properly installed in the oil suction passage; install the correct P/N 70484 screen.

Table

Engine Model	Engine S/N	Engine Model	Engine S/N
AEIO-360-A1B6	L-31504-51A	AEIO-360-H1B	L-31516-51A
AEIO-360-A1E	L-31685-51A	AEIO-360-H1B	L-31517-51A
AEIO-360-H1B	L-31425-51A	AEIO-360-H1B	L-31519-51A
AEIO-360-H1B	L-31426-51A	AEIO-360-H1B	L-31520-51A
AEIO-360-H1B	L-31436-51A	AEIO-360-H1B	L-31521-51A
AEIO-360-H1B	L-31459-51A	AEIO-360-H1B	L-31522-51A
AEIO-360-H1B	L-31470-51A	AEIO-360-H1B	L-31558-51A
AEIO-360-H1B	L-31497-51A	AEIO-360-H1B	L-31593-51A
AEIO-360-H1B	L-31502-51A	AEIO-360-H1B	L-31608-51A
AEIO-360-H1B	L-31503-51A	AEIO-360-H1B	L-31614-51A
AEIO-360-H1B	L-31513-51A	AEIO-360-H1B	L-31625-51A