

SERVICE INFORMATION No. SI 40-148

NOTE: SI's are used only:
1) To distribute information from DAI to our customers.
2) To distribute applicable information/documents from our suppliers to our customers with additional information.
Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

I. TECHNICAL DETAILS

1.1 Airplanes affected:

All DA 40 airplanes

1.2 Subject:

Lycoming Service Bulletin No. 617 Diaphragm-Type Fuel Pump Replacement

ATA-Code: 73-00

1.3 Reason:

Lycoming has issued Service Bulletin No. 617 describing the identification and if necessary the replacement of a certain Diaphragm-Type Fuel Pump part number which were reworked in accordance with Lycoming Service Bulletin No. 615.

1.4 Information:

For detailed technical information refer to Lycoming Service Bulletin No. 617 which is applicable without any further additions or restrictions.

II. OTHERS

The Lycoming Service Bulletin No. 617 is attached to this Service Information.

In case of doubt contact Lycoming.



652 Oliver Street
Williamsport, PA 17701 U.S.A.

Tel. +1-800-258-3279 (U.S. and Canada)
Tel. +1-570-323-6181 (International)
Fax. +1-570-327-7101
www.lycoming.com

MANDATORY

SERVICE BULLETIN

DATE: February 5, 2015 Service Bulletin No. 617
Engineering Aspects are FAA-Approved

SUBJECT: Fuel pumps part number 62B26931 shipped from the factory from December 16, 2014 through January 14, 2015 not marked with “SB615” stamp

MODELS AFFECTED: IO-320, -360, -390, -540; -580, AEIO-320, -360, -390, -540; HIO-360, LIO-320-B1A, LIO-360, O-540-L3C5D, and TO-360-C1A6D

TIME OF COMPLIANCE: Within 10 hours

NOTICE: Incomplete review of all the information in this document can cause errors. Read the entire Service Bulletin to make sure you have a complete understanding of the requirements.

NOTICE: Completion of the “Required Action” in both Service Bulletin Nos. 615 and 617 is mandatory. All owners of affected fuel pumps must complete the “Required Action” in this Service Bulletin, even if they already complied with Service Bulletin No. 615.

Some diaphragm-type fuel pumps part number 62B26931 that were reworked per Service Bulletin No. 615 were sent back to the field without the “SB615” stamp under the date code (Figure 1). This Service Bulletin is notification of a mandatory check of fuel pumps part number 62B26931 with date codes in Table 1 that could be in your spares inventory and/or installed on affected Lycoming engines (included and identified as “MODELS AFFECTED” above) and/or in Table 2, that had fuel pumps changed between December 16, 2014 and January 14, 2015. In compliance with this Service Bulletin, identify and replace any reworked fuel pump part number 62B26931 within affected date codes identified in Table 1 that are not marked with the “SB615” stamp.

Table 1 identifies the RC date code of affected fuel pumps applicable to this Service Bulletin. The RC date code is in the manufacturer’s code (Figure 2) on the fuel pump. Affected fuel pumps will have the manufacturer’s code on the left side of the web. Fuel pumps with the date codes in Table 1 were shipped as spares between December 16, 2014 and January 14, 2015. Table 2 identifies engine serial numbers shipped from the factory with known affected fuel pumps.

Table 1

Affected Fuel Pump Date Codes

Date Code
RC3414
RC3714
RC3814
RC3914

Table 2

Affected Engine and Fuel Pump Serial Numbers

Engine Serial No.	Engine Model No.	Fuel Pump Serial No.
L-30711-51E	IO-360-M1A	RC3914024540
L-36505-51E	IO-360-M1A	RC3814016289
L-36506-51E	IO-360-M1A	RC3914024531
L-36507-51E	AEIO-360-B1G6	RC3914024539
RL-27782-48E	IO-540-C4B5	RC3814014253
RL-27851-48E	IO-540-AC1A5	RC3814014242
RL-30076-51E	IO-360-L2A	RC3814016299
RL-30567-51E	IO-360-C1C6	RC3814014246

Required Action

NOTICE: If you need to remove the fuel pump from the engine to complete this check, refer to the applicable Lycoming manual for fuel pump removal and installation instructions.

1. Look for the “SB615” stamp (Figure 1) on fuel pumps part number 62B26931 with date codes in Table 1 in your spares inventory and/or installed on affected Lycoming engines (included and identified as "MODELS AFFECTED" above) and/or in Table 2, that had fuel pumps changed between December 16, 2014 and January 14, 2015.



ISSUED			REVISED			PAGE NO.	REVISION
MO	DAY	YEAR	MO	DAY	YEAR	1 of 2	--
02	05	15	--	--	--		

NOTICE: Fuel pumps shipped outside of the affected date codes will not have an “SB615” stamp.

2. If the fuel pump has the “SB615” code stamp, complete the applicable warranty procedure identified herein for the labor allowance in compliance with this Service Bulletin.
3. On any affected fuel pump without the “SB615” code stamp:
 - A. Remove the affected fuel pump from the engine or from your spares inventory.

NOTICE: The fuel pump is not field-repairable.

- B. Contact an authorized Lycoming distributor for instructions on where to send the affected fuel pump and how to get a new fuel pump per warranty instructions below. Any replacement fuel pump from within the affected date codes will be stamped with “SB615” (Figure 1).
4. Record the engine and fuel pump serial numbers that were examined, the outcome of your inspection, the serial number of any fuel pump returned, and compliance with this Service Bulletin in your engine logbook.



Figure 1
Date Stamp Code with “SB615” on Fuel Pump Web

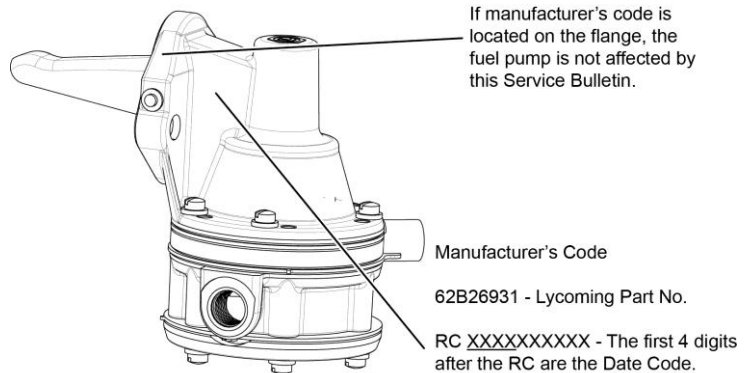


Figure 2
Manufacturer’s Code Location on Fuel Pump P/N 62B26931

Warranty Instructions

For full replacement of fuel pump part number 62B26931:

1. Contact an Authorized Lycoming Distributor to order a replacement fuel pump.
2. Upon receipt of a replacement fuel pump, either complete the installation procedure or return, if a spare, to your spare parts inventory.
3. Return the affected fuel pump part number 62B26931 to Lycoming Engines through the same Authorized Lycoming Distributor that ordered the replacement fuel pump part number 62B26931 and file a warranty claim for the following (reference Service Bulletin 617 on the warranty claim):
 - A. Reimbursement of the replacement parts.
 - B. Associated Freight.
 - C. Removal and Reinstallation Labor Allowance of not more than 1.5 hours.

NOTICE: Warranty consideration is available for 12 months from the date of issue of this Service Bulletin.

If you have any questions, contact Lycoming Field Service by phone at 570-327-7222 or 877-839-7878.

For inspection of fuel pump part number 62B26931:

1. Contact an Authorized Lycoming Distributor to file a warranty claim for the following (reference Service Bulletin 617 on the warranty claim):
 - A. Removal and Reinstallation Labor Allowance of not more than 1.5 hours.

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 617
02	05	15	--	--	--	2 of 2	--	