

## SERVICE INFORMATION No. SI 40-147

**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. 615 Diaphragm-Type Fuel Pump Replacement

ATA-Code: 73-00

#### 1.3 Reason:

Lycoming has issued Service Bulletin No. 615 describing the identification and if necessary the replacement of a certain Diaphragm-Type Fuel Pump part number with specific date codes.

#### 1.4 Information:

For detailed technical information refer to Lycoming Service Bulletin No. 615 which is applicable without any further additions or restrictions.

### II. OTHERS

The Lycoming Service Bulletin No. 615 is attached to this Service Information.

In case of doubt contact Lycoming.

DATE: December 5, 2014

Service Bulletin No. 615  
Engineering Aspects are  
FAA Approved

SUBJECT: Diaphragm-Type Fuel Pump Replacement

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.

**NOTE**

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.

This Service Bulletin is notification of mandatory corrective action to replace diaphragm-type fuel pumps, Lycoming part number 62B26931 that have a date code beginning with "RC", were sold as spares, and shipped from the factory between September 1, 2014 and October 31, 2014. All fuel pumps part number 62B26931 with the date codes identified in Table 1 must be replaced.

**Required Action:**

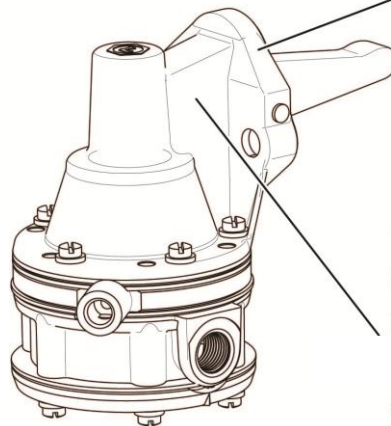
1. Identify and remove any fuel pump part number 62B26931, with a date code identified in Table 1 (Figure 1), from all Lycoming engine models identified above and from your inventory of spare parts.

Figure 1 identifies the location of the manufacturer's code on the fuel pump. The manufacturer's code can be on either the left or right side of the flange or web.

**Table 1**  
**Affected Date Codes**

RC3414	RC3814
RC3714	RC3914

If manufacturer's Code is located on the flange, the fuel pump is not affected by SB 615.



Manufacturer's Code  
62B26931 - Lycoming Part No.  
RC XXXXXXXXXX - The first 4 digits after

Affected Date codes are:  
RC 3414      RC 3814

**Figure 1**

Manufacturer's Code Location on Fuel Pump P/N 62B26931

2. Return all affected fuel pumps to Lycoming Engines, and procure a new fuel pump using the proper warranty procedure listed below.
3. Replacement fuel pumps will be the same part number (62B26931). Affected date codes will show compliance with this Service Bulletin with a “SB 615” stamped under the date code (Figure 2). Unaffected date codes will not have a “SB 615” stamp.
4. Install the new fuel pump with a new gasket in accordance with the Lycoming Direct Drive Overhaul Manual.
5. Record the serial number of all of the fuel pumps returned and all of the replacement fuel pumps received and which engine they are installed on in compliance with this Service Bulletin in your engine logbook.



Figure 2  
Date Stamp Code with “SB615”

**Warranty Instructions and Replacement Parts for Engines/Parts Affected by Service Bulletin No. 615**

1. Contact an Authorized Lycoming Distributor to order a replacement fuel pump.
2. Upon receipt, complete the installation procedure.
3. Return the removed 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:
  - A. Reimbursement of the replacement parts.
  - B. Associated Freight.
  - C. Removal and Reinstallation Labor Allowance of not more than 1.5 hours.

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

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

ISSUED			REVISED			PAGE NO.	REVISION	S.B. 615
MO	DAY	YEAR	MO	DAY	YEAR			
12	05	14	--	--	--	2 of 2	--	