

## SERVICE INFORMATION No. SI 40-157

**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

#### 1.2 Subject:

Lycoming Service Bulletin No. 612 Oil Level Gage Replacement

ATA-Code: 79-00

#### 1.3 Reason:

Lycoming has issued Service Bulletin No. 612 mandating the replacement of a certain oil level gage (dipstick) part number installed on IO-360-M engines.

#### 1.4 Information:

For detailed technical information refer to Lycoming Service Bulletin No. 612 which is applicable without any further additions or restrictions.

### II. OTHERS

Lycoming Service Bulletin No. 612 is attached to this Service Information.

In case of doubt contact Lycoming.

# MANDATORY SERVICE BULLETIN

DATE: April 5, 2016

Service Bulletin No. 612  
Engineering Aspects are  
FAA Approved

SUBJECT: Oil Level Gage Replacement

MODELS AFFECTED: IO-360-M Series Engines

TIME OF COMPLIANCE: At the next oil change

## 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 to replace the oil level gage (dipstick) P/N LW-16783-18 with a new oil level gage P/N LW-14760 on affected Lycoming engine models. This replacement is mandatory and must be done at the next oil change.



FOR FUTURE REFERENCE, DO NOT INSTALL OIL LEVEL GAGE P/N LW-16783-18 ON THE AFFECTED ENGINE MODELS. OIL LEVEL GAGE P/N LW-14760 IS THE APPROPRIATE GAGE FOR THE AFFECTED MODELS.

This replacement is necessary because recent validation tests show that oil level gage P/N LW-16783-18 incorrectly gives higher oil level indication when the oil level is actually less than 5 quarts (5 liters).

## NOTE

Warranty consideration is available for 1 year from the date of issue of this Service Bulletin.

### Required Action

1. Identify oil level gage P/N LW-16783-18 on existing Lycoming IO-360-M and YIO-360-M engine models.
2. If affected by this Service Bulletin, contact an authorized Lycoming Distributor to order replacement oil level gage P/N LW-14760 and oil level gage seal P/N 74068.
3. Return the oil level gage P/N LW-16783-18 to Lycoming through the same authorized Lycoming distributor that ordered the replacement oil level gage P/N LW-14760 and oil level gage seal P/N 74068.



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4. File a warranty claim through the same authorized Lycoming distributor for:
  - a. Reimbursement of the replacement oil level gage P/N LW-14760 and oil level gage seal P/N 74068.
  - b. Associated Freight.
5. Contact Lycoming Field Service at +1-570-327-7222 or 877-839-7878 if there are any questions.
6. Install oil level gage seal P/N 74068 on the new replacement oil level gage P/N LW-14760. Refer to Figure 1.

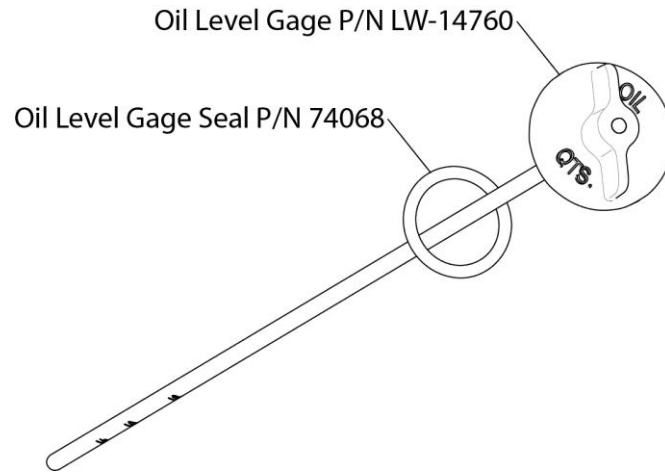


Figure 1  
Oil Level Gage and Oil Level Gage Plug Ring

7. Install the new replacement oil level gage P/N LW-14760 with the oil level gage seal P/N 74068 on your engine.
8. Record replacement of oil level gage P/N LW-16783-18 with replacement oil level gage P/N LW-14760 in the engine logbook of affected engines.

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