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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.

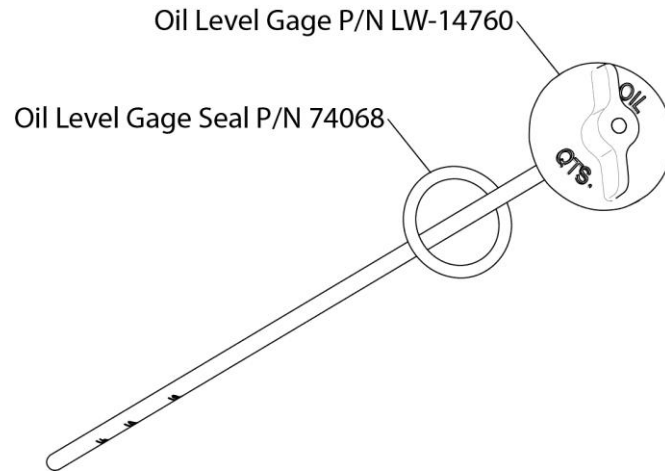


Figure 1
Oil Level Gage and Oil Level Gage Plug Ring

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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