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MANDATORY

SERVICE BULLETIN

DATE: December 20, 2017 Service Bulletin No. 633
Engineering Aspects are
FAA Approved

SUBJECT: Oil Level Gage (Dipstick) Replacement

MODELS AFFECTED: Lycoming Engines TIO-540-AH1A installed in Gipps Aero/Mahindra Turbocharged GA8 Airvans

TIME OF COMPLIANCE: At owner’s discretion, during next scheduled maintenance event.

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.

This Service Bulletin requires replacement of oil level gage (dipstick) part number (P/N) LW-16783-25P with a new oil level gage P/N 56C23673P only on Lycoming engine model TIO-540-AH1A installed in Gipps Aero/Mahindra Turbocharged GA8 Airvans. The replacement is necessary to ensure correct oil level readings. Continued use of the oil level gage P/N LW-16783-25P can result in the oil sump being overfilled.

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

Required Action

1. Before the next oil change, identify all installed oil level gages (dipsticks) LW-16783-25P and oil seal rings P/N 74065 only from those Lycoming TIO-540-AH1A engine models installed in Gipps Aero/Mahindra Turbocharged GA8 Airvans.
2. Order replacement oil level gages P/N 56C23673P and new oil seal rings P/N 74065 from an authorized Lycoming Engines’ distributor.
3. When the replacement oil level gages P/N 56C23673P and new oil seal rings P/N 74065 arrive from the distributor:
 - A. Remove the installed oil level gages (dipsticks) LW-16783-25P and oil seal rings P/N 74065 only from those Lycoming TIO-540-AH1A engine models installed in Gipps Aero/Mahindra Turbocharged GA8 Airvans.
 - B. Install the new oil seal ring P/N 74065 on the new replacement oil level gage P/N 56C23673P; make sure the oil seal ring is correctly seated in the groove under the cap. Refer to Figure 1.
 - C. Install the new replacement oil level gage P/N 56C23673P in the same engines.
 - D. Remove the oil level gage and check the oil level. If necessary, drain oil from the oil sump to obtain the correct oil level as indicated by the replacement oil level gage.
4. Record replacement of the old oil level gage P/N LW-16783-25P and oil seal ring P/N 74065, with the new oil level gage P/N 56C23673P and oil seal ring P/N 74065 in the engine log book.



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Warranty Instructions and Replacement Parts for Engines Affected by Service Bulletin No. 633

- A. Contact an Authorized Lycoming Distributor to order a replacement oil level gage P/N 56C23673P and oil seal ring P/N 74065.
- B. Upon receipt, complete the installation procedure.
- C. Return the removed oil level gage P/N LW-16783-25P to Lycoming Engines through the same Authorized Lycoming Distributor that ordered the replacement oil level gage and file a warranty claim for:
 - 1. Reimbursement of the replacement parts.
 - 2. Associated Freight.

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.

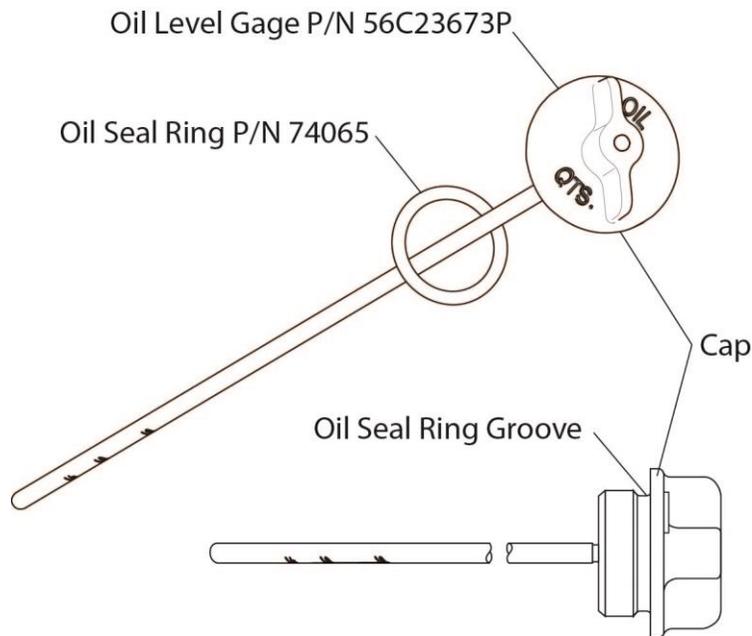


Figure 1
Replacement Oil Level Gage P/N 56C23673P

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