



652 Oliver Street
 Williamsport, PA. 17701 U.S.A.
 Telephone +1 (877) 839-7878 (U.S. and Canada)
 Telephone +1 (570) 327-7222 (International)
 Fax +1 (570) 327-7101
 Email Technicalsupport@lycoming.com
www.lycoming.com

SERVICE INSTRUCTION

DATE: February 14, 2024 Service Instruction No. 1588
Engineering Aspects are
FAA Approved

SUBJECT: Rocker Box Cover Screws Torque Values and Torque Sequence

MODELS AFFECTED: All Lycoming Engine Models

TIME OF COMPLIANCE: During rocker box cover installation

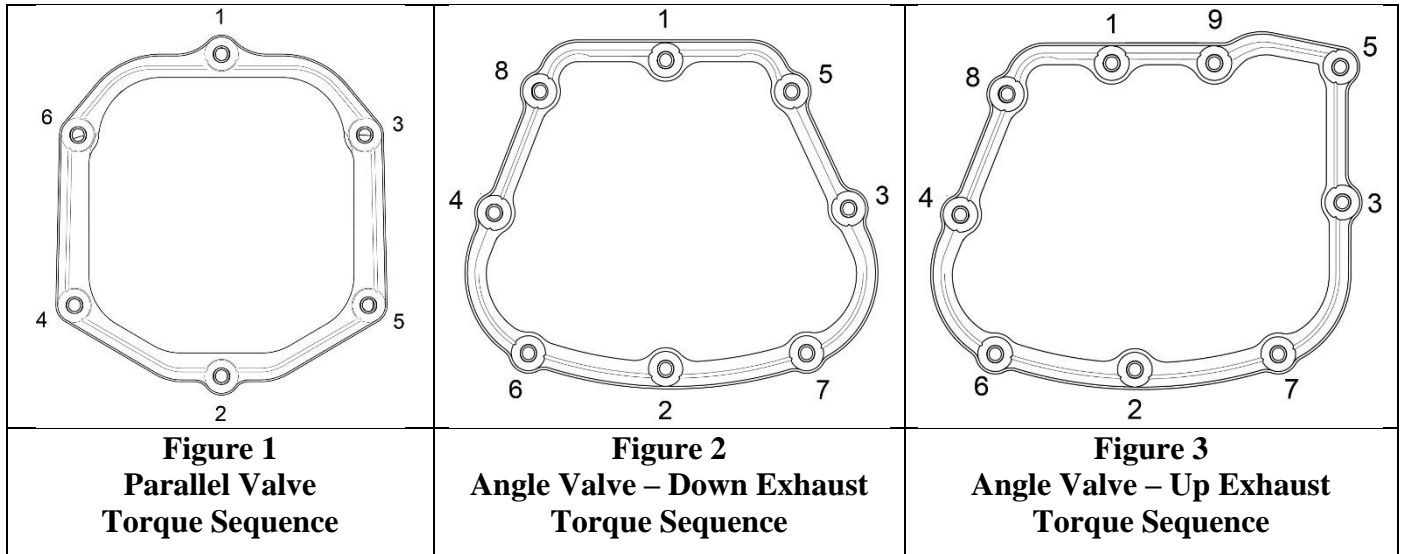
This Service Instruction provides Instruction for Continued Airworthiness (ICA).

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

This Service Instruction includes the sequence and torque values for installing the rocker box covers and gaskets. Refer to the latest revision of Service Letter No. L272 for rocker box cover gasket part numbers.

To prevent leakage, torque the rocker cover screws using the proper torque sequence (Figures 1, 2 and 3).

- For silicone gaskets, torque the screws in two steps, first to 20-25 in.-lb. (2.6-2.8 Nm) and then 30 in.-lb. (3.4 Nm), following the torque sequence for each step.
- For cork gaskets, torque the screws in two steps, first to 20-25 in.-lb. (2.6-2.8 Nm) and then 50 in.-lb. (5.6 Nm), following the torque sequence for each step.



If you have any questions, contact Lycoming Technical Support by phone at 570-327-7222 or 877-839-7878 or email to Technicalsupport@lycoming.com.



ISSUED			REVISED			PAGE NO.	REVISION
MO	DAY	YEAR	MO	DAY	YEAR	1 of 1	--
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