



652 Oliver Street
 Williamsport, PA 17701 U.S.A.

Tel. 570-323-6181
 Fax. 570-327-7101
 www.lycoming.com

MANDATORY SERVICE BULLETIN

DATE: March 8, 2012 Service Bulletin No. 602
Engineering Aspects are
FAA Approved

SUBJECT: Incorrect Part Numbers on Service Instruction No. 1098G

MODELS AFFECTED: IO-540-AB1A5 or its applicable crankshaft that had propeller flange bushings replaced in the field in accordance with Service Instruction No. 1098G

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 applies only to Lycoming engine model IO-540-AB1A5 and applicable crankshafts that had the propeller flange bushings replaced in the field in accordance with Service Instruction No. 1098G. This Service Bulletin **does not** apply to any new, rebuilt, or overhauled Lycoming engine model IO-540-AB1A5 or its applicable crankshaft that is built and shipped from the factory and has not had any field maintenance completed on the propeller flange bushings.

This Service Bulletin is notification that the propeller flange bushing part numbers for engine model IO-540-AB1A5 were misidentified in revision G of Service Instruction No. 1098. Service Instruction 1098 identifies part numbers for propeller flange bushings and the locations (A, B, C, D, E, and F) of where respective bushings are to be installed on the propeller flanges.

Figure 1 of this Service Bulletin shows the location of the propeller flange bushings as per Service Instruction 1098G (which is incorrect).

Figure 2 and the information below identify the correct propeller bushing part numbers and locations for the installation of propeller flange bushings on the IO-540-AB1A5 engine model.



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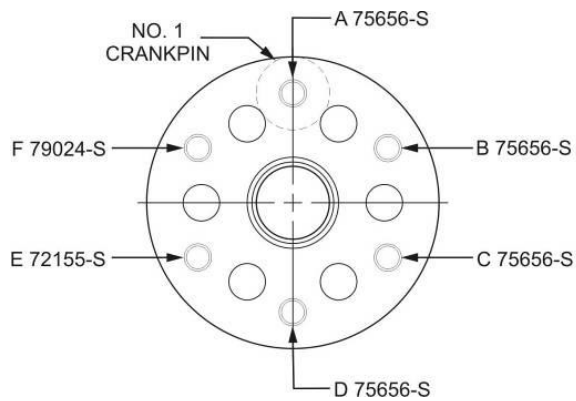


Figure 1
Incorrect Part Number and
Location of Propeller Flange Bushings

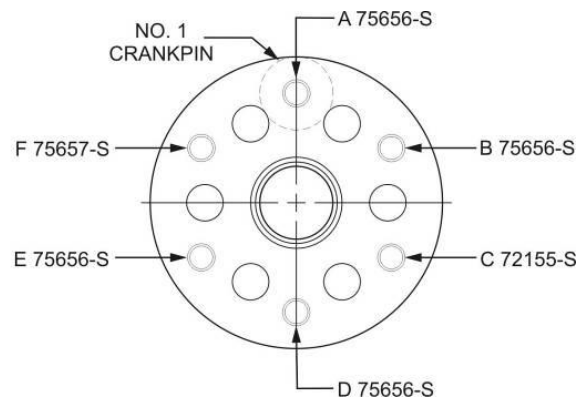


Figure 2
Correct Part Number and
Location of Propeller Flange Bushings

Required Action

If you have a Lycoming engine model IO-540-AB1A5 or its applicable crankshaft that has had propeller flange bushings replaced in the field in accordance with Service Instruction No. 1098G:

1. Examine the bushings from the backside of the crankshaft flange to make sure that the bushings are not displaced (pushed back).
2. If any of the bushings are displaced, remove the propeller flange bushings.
3. Install the correct propeller flange bushings with the correct part number (Figure 2) in the corresponding locations.

- A. 75656-S
- B. 75656-S
- C. 72155-S
- D. 75656-S
- E. 75656-S
- F. 75657-S

4. Record compliance with this Service Bulletin on applicable engines and crankshafts in corresponding engine logbooks.

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