

SERVICE BULLETIN

Contains important information pertaining to your aircraft engines.
Compliance Will Enhance Safety

SUBJECT: Recommended Replacement of AEL12892 Thrust Buttons

PURPOSE: To notify customers of a potential incorrect material

COMPLIANCE: At next oil change for parts installed on an engine. For spares, prior to installation

MODELS

AFFECTED: IO-370-C1F, IO-370-CL, IO-370-CM, IO-370-D3A, IO-370-DA3A type certified engines and spare parts purchased for those engine models.

I. GENERAL INFORMATION

NOTE: These instructions apply only to Lycoming® engines assembled using the PMA part number listed in the subject line. These instructions DO NOT apply to engines assembled with OEM parts.

Continental has been made aware of a potential incorrect material in the AEL12892 thrust button that could accelerate wear. Parts shipped from Continental from 12/25/2023 to 03/11/2026 could be affected. Verify the 8130-3 tag for ship dates.

The table below lists the affected cylinder part numbers and the applicable engine models.

Table 1. Models Affected

Affected Cylinder Assembly	Installation Applicability
658804	IO-370-C1F1B, IO-370-D3A1B, IO-370-DA3A1B, IO-370-DA3A2B
658836	IO-370-CLC1U8, IO-370-CMC1U8

II. REPLACEMENT

1. Disconnect power to engine.
2. Make sure engine is cool.
3. Remove the rocker cover (Figure 1) (1) and gasket (2) from the cylinder assembly. Discard the gasket (2).

If signs of overheating or accelerated wear of the thrust button (3) are found, ensure that no debris is present in the cylinder drain back line, oil sump, or in the rocker box area and contact Continental. If none are found, proceed to step 4.

4. Remove the thrust buttons (3). Removal of the shaft (4) and rockers (5) is not required.
5. Replace both thrust buttons (3) regardless of condition.

6. Install the rocker cover (1) with a new gasket (2) on the cylinder assembly.
7. Install and torque hardware (6) to the value specified in the engine's primary Instructions for Continued Airworthiness (ICA).
8. Enable power to the engine.
9. Complete the "Operational Ground Check" per the engine's primary ICA.
10. Make an appropriate engine logbook entry to document compliance with SB26-03.

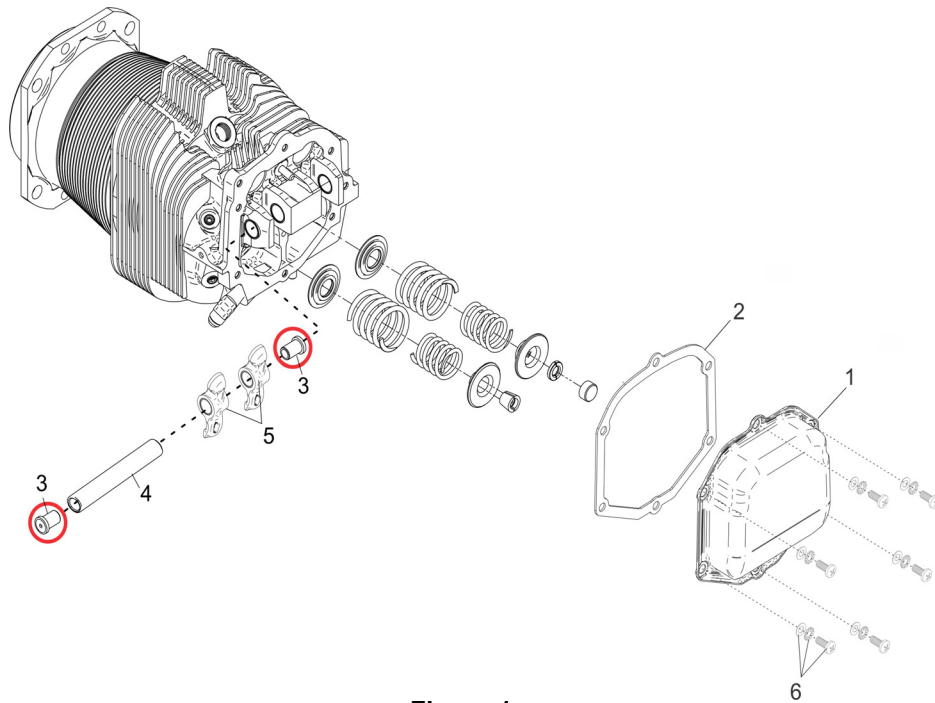


Figure 1.

Continental has verified the material on some cylinders at our distributor's facility. The paint mark shown in Figure 2 identifies compliance. If this mark is on the cylinder, no further action is required.

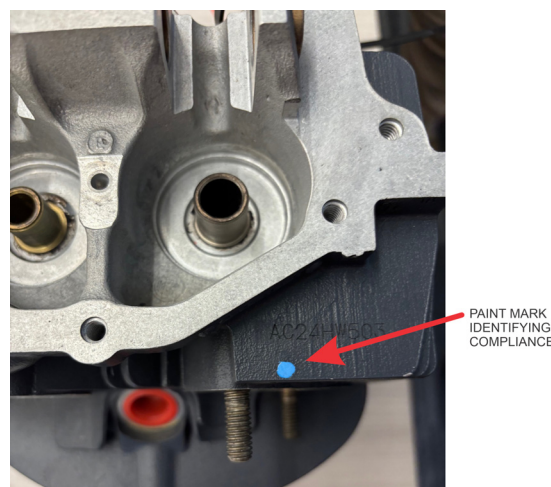


Figure 2.

III. CONTACT US

Contact Continental Technical Services at the phone number or email address listed below if you have any questions concerning the technical content of this Service Document

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