

Continental Motors® PMA Aircraft Engine Products
SERVICE INFORMATION LETTER

CATEGORY 5
SIL009

Contains Useful Information Pertaining to Your Aircraft Engine

- SUBJECT:** Use of Lower Spring Seat (P/N AEL13323) in Parallel Head Cylinder Assemblies
- PURPOSE:** This service instruction provides installation eligibility for the lower spring seat AEL13323 in both the intake and exhaust sides of parallel head cylinder assemblies.
- COMPLIANCE:** Reference material to ensure correct identification and usage for parallel head cylinder assemblies.

MODELS

AFFECTED: Lycoming®¹ engines (listed in Table 1) fitted with Continental Motors (CM) replacement parts manufactured under PMA.

I. GENERAL INFORMATION

Continental Motors has FAA engineering design and Parts Manufacturing Approval (PMA) for the new lower spring seat (AEL13323), which is used on Lycoming® parallel head cylinder assemblies. AEL13323 is a direct replacement to Lycoming® P/N 6544.

II. MODELS AFFECTED

Table 1 provides a list of Type Certificated eligible engines in which the Lycoming® replacement service parts may be used for this alternate configuration.

Table 1. Lycoming® Eligible Engines

Engine Class	Engine Models Affected
O-290	O-290-D, D2, D2B, D2C
O-320	O-320-A2B, A2C, A2D, A3B, A3C, B1A, B1B, B2A, B2B, B2C, B3A, B3B, B3C, C1A, C1B, C2A, C2B, C2C, C3A, C3B, C3C, D1A, D1AD, D1B, D1C, D1D, D1F, D2A, D2B, D2C, D2D, D2F, D2G, D2H, D2J, D3G, E1A, E1B, E1C, E1F, E1J, E2A, E2B, E2C, E2D, E2E, E2F, E2G, E2H, E3D, E3H, H2AD
IO-320	IO-320-B1A, B1B, B1C, C1A, D1A, D1B, D1C, E1A, E1B, E2A, E2B, F1A
AIO-320	AIO-320-B1B, C1B
LIO-320	LIO-320-B1A, C1A
AEIO-320	AEIO-320-D1B, D2B, E1A, E1B, E2A, E2B
O-340	O-340-A, B

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Table 1. Lycoming® Eligible Engines

Engine Class	Engine Models Affected
O-360	O-360-A1A, A1AD, A1C, A1D, A1F, A1F6, A1F6D, A1G, A1G6, A1G6D, A1H, A1H6, A1J, A1LD, A2A, A2D, A2E, A2F, A2G, A2H, A3A, A3AD, A3D, A4A, A4AD, A4D, A4G, A4J, A4JD, A4K, A4M, A4N, A5AD, B1A, B2A, B2B, C1A, C1C, C1E, C1F, C1G, C2A, C2B, C2C, C2D, C2E, D1A, D2A, D2B, E1A6D, F1A6, G1A6, J2A
HO-360	HO-360-A1A, B1A
IO-360-	IO-360-B1A, B1B, B1BD, B1C, B1D, B1E, B1F, B1F6, B2E, B2F, B2F6, B4A, E1A, E4A, F1A, L2A, M1A, M1B
LO-360	LO-360-A1G6D, A1H6, E1A6D
TO-360-	TO-360-A1G6D
VO-360	VO-360-A1A, A1B, B1A
HIO-360-	HIO-360-A1A, B1A, C1A, C1B, D1A, E1AD, E1BD
IVO-360	IVO-360-A1A
LTO-360	LTO-360-A1G6D
AEIO-360	AEIO-360-B1B, B1D, B1F, B1G6, B2F, B4A, H1A
O-435	O-435-A, A2
O-540	O-540-A1A, A1A5, A1B5, A1C5, A1D, A1D5, A2B, A3D5, A4A5, A4B5, A4D5, B1A5, B1B5, B2B5, B2C5D, B4B5, B4B5D, E1A, E4A5, E4B5, E4C5, F1A5, F1B5, G1A5, G1A5D, G2A5, H1B5D, H2B5D, J1A5D, J1C5D, J2A5D, J3A5, J3A5D, J3C5D, L3C5D
IO-540	IO-540-C1B5, C1C5, C2C, C4B5, C4B5D, C4C5, D4A5, D4B5, D4C5, J4A5, N1A5, N1A5D, R1A5, T4A5D, T4C5D, V4A5D, W1A5D, W3A5D
TIO-540	TIO-540-AA1AD, AB1AD, AF1A, C1A, G1A, C1AD, E1A, H1A, K1AD
AEIO-540	AEIO-540-D4A5, D4B5