



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

Telephone +1 (800) 258-3279 U.S. and Canada (Toll Free)

Telephone +1 (570) 323-6181 (Direct)

Facsimile +1 (570) 327-7101

www.lycoming.com

SERVICE INSTRUCTION

DATE: January 10, 2017

Service Instruction No. 1532G
Supersedes Service Instruction No. 1532F
Engineering Aspects are
FAA Approved

SUBJECT: Approved Fuel Injectors, Fuel Manifold Assemblies, and Fuel Nozzle Assemblies for Lycoming Engines

MODELS AFFECTED: Engine models in Tables 1, 2, and 3

TIME OF COMPLIANCE: As required for replacement

REASON FOR REVISION: Updated Tables 1, 2, and 3

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 identifies the part numbers and approved alternate part numbers of Fuel Injectors (Table 1), Fuel Manifold Assemblies (Table 2), and Fuel Nozzle Assemblies (Table 3) that have been approved for use on Lycoming engines.

Table 1
Approved Fuel Injectors for Use on Lycoming Engines

Engine Model	Fuel Injector Part Number	Lycoming Setting No.
IO-360-A1A, -A1B, -A2B, -A1B6, -A1D6, -A1B6D, -A3B6, -A3B6D IO-360-A1B6 (SOCATA) AEIO-360-A1A, -A1B, -A1D, -A1E, -A1B6, -A1E6, -A2C IO-390-A1A6, -A1B6, -A3A6, -A3B6 AEIO-390-A1A6, -A1B6, -A3A6, -A3B6 IO-540-C4D5, -C4D5D, -D4A5, -V4A5, -W1A5, -W1A5D AEIO-540-D4A5, -D4B5	61J26426 73937	AV 2524054-11 2524054-11
IO-360-B4A	61J28702	AV 2581600
	61J26428	AV 2576536-2



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Table 1 (Cont.)
Approved Fuel Injectors for Use on Lycoming Engines

Engine Model	Fuel Injector Part Number	Lycoming Setting No.
IO-360-C1C, -C1C6, -C1F	61J26432	AV 2524450-9
	LW-10409	2524450-9
IO-360-C1E6	61J26433	AV 2524590-8
	LW-12586	2524590-8
IO-360-C1D6, -C1G6	61J26434	AV 2524592-8
	LW-12643	2524592-8
IO-360-F1A, -L2A	61J26428	AV 2576536-2
	61J22088	2576536-2
IO-360-M1A LIO-360-M1A IO-360-N1A	61J26823	AV 2581100
IO -360-M1A, -M1B LIO-360-M1A	61J26423	AV 2576568-1
	61J22633	2576568-1
HIO-360-G1A	61J26429	AV 2576586-1
	61J23286	2576586-1
TIO-360-C1A6D	61J26436	AV 5254939-2
	LW-18943	2524939-2
AEIO-360-B1F	61J26566	AV 2576524-2
	61J21971	2576524-2
AEIO-360-B1F, -B2F	61J26425	AV 2524291-11
	76817	2524291-11
AEIO-360-B1G6	61J26425	AV 2524291-11
	LW-14382	2524682-8
AEIO-360-H1A, -H1B	61J26435	AV 2524752-7
	LW-15664	2524752-7
IO-390-A3B6	61J28175	AV 2581000
IO-390-C1A6, -C1B6, -C3A6, -C3B6	61M28534	AV 2581500
IO-540-AB1A5, -AF1A5, -D4B5	61J26427	AV 2576544-3
	61J23428	2576544-3
IO-540-AC1A5	61M26412	AV 2576546-3
	61M23429	2576546-3

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Table 1 (Cont.)
Approved Fuel Injectors for Use on Lycoming Engines

Engine Model	Fuel Injector Part Number	Lycoming Setting No.
IO-540-AE1A5	61M26405 61M23587	AV 2576630-4 2576630-4
IO-540-AG1A5 TIO-540-AE2A	61M26612 61M26354	AV 2549038-4 2549038-4
IO-540-C4B5, -C4D5, -J4A5,	61J26439 75176	AV2524213-11 2524213-11
IO-540-G, -K1A5, -K1G5, -K1H5, -K1K5, -K2A5, -K1A5D, -K1G5D	61M26410 75567	AV 2524273-12 2524273-12
IO-540-K1B5, -K1D5, -K1H5, -K1J5, -K1J5D IO-540- M1B5D IO-580-B1A	61M26414 79034	AV 2524422-9 2524422-9
IO-540-K1B5	61M26417 LW-11924	AV 2524556-9 2524556-9
IO-540-L1C5 IO-540-L1B5D AEIO-540-L1B5, -L1D5 AEIO-580-B1A	61M26404 77442	AV 2524318-10 2524318-10
TIO-540-AH1A	61M26411 61M26025	AV 2576554-3 2576554-3
TIO-540-AJ1A	61M26613 61M23897	AV 2576562-4 2576562-4
TIO-540-AK1A	61J26431 61J23431	AV 2576592-2 2576592-2
TIO-540-AB1AD, -AB1BD	61J26437 LW-19379	AV 2524979-1 2524979-1
TIO-540-J2B, -J2BD, -F2BD LTIO-540-J2B, -J2BD, -F2BD	61M26415 LW-11507	AV 2524500-9 2524500-9
AEIO-540-D4D5	61J26430 61J23246	AV 2576608-1 2576608-1
AEIO-540-L1B5 AEIO-580-B1A	61M22682	2576566-1
IO-580-B1A AEIO-580-B1A	61M26413 61M23883	AV 2576642-1 2576642-2

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Table 2
Approved Fuel Manifold Assemblies for Use on Lycoming Engines

Engine Model	Manifold Assembly Part Number
IO-360-A1A, A1B, A2B, A2C, -M1B, -A1B6, -A1D6, -A1B6D AEIO-360-A1A, -A1D, -A1E, -A1B6, -A1D6, -A1E6, -B1F, -B2F IO-390-A1A6, -A1B6, -A3A6, -A3B6 AEIO-390-A1A6, -A1B6, -A3A6, -A3B6	63B26702 75279
IO-360- A1B6 (SOCATA)	63B26748 63B21965
IO-360-A1B6, -A3B6, -A3B6D AEIO-390-A3A6	63B26724 LW-18476
IO-360-B4A	63B28703 63B26724
	63B26756 63B26724
	63B26720 78805
IO-360-C1C, -C1C6, -C1F	63B26720 78805
IO-360-C1D6, C1G6	63B26751 LW-14113
IO-360-C1G6	63B26761
IO-360-L2A	63B26706* 63B23360* 63B26756** 63B26586** 63B26716** 63B23440** 63B26715 63B22623 63B22997*◆
IO-360-M1A	63B28106 63B22623
IO-360-M1A LIO-360-M1A	63B26757 63B26580
IO-360-M1A IO-360-N1A	63B28207
TIO-360-C1A6D	63B26728 63B21374
AEIO-360-B1B, -B1F	63B26724 63B28097 63B22796
AEIO-360-H1A, -H1B	63B26726 LW-15533

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Table 2 (Cont.)
Approved Fuel Manifold Assemblies for Use on Lycoming Engines

Engine Model	Manifold Assembly Part Number
IO-390-A3B6	63B28207 63B26756
IO-390-C1A6, C3A6, C1B6, C3B6	63B28207 63B28106
IO-540-AB1A5	63B26709 63B23361 63B23104◆ 63B22997◆
	63B26717 63B23497 63B22197
	63B26714 63B22999
IO-540-AC1A5	63B26708 63B23281 63B22494◆ 63B26755 63B26587
IO-540-AE1A5	63B26710 63B23300
IO-540-AF1A5,	63B26717 63B23497
TIO-540-AK1A	63B26714 63B22999
IO-540-C1B5, -C4D5, -C4D5D TIO-540-AB1AD, -AB1BD AEIO-540-D4A5	63B23244 63B26725 63B23244 75283
IO-540-D4B5	63B26717 63B23497
	63B26714 63B22999 63B23497
IO-540-D4A5, -D4B5 AEIO-540-D4D5	63B26750 63B23244 75283
IO-540-K1G5	63B26754
IO-540-K1A5, -K1G5, -K1H5, -K1K5, -K2A5, -K1A5D, -K1G5D	63B26739 63B22493 63B26731 75573

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**Table 2 (Cont.)
Approved Fuel Manifold Assemblies for Use on Lycoming Engines**

Engine Model	Manifold Assembly Part Number
IO-540-K1A5, -K1A5D, -K1G5, -K1J5, -K1J5D, -K1K5, -K2A5	63B26719 LW-13518
IO-540-K1A5, -K1G5	63B26713 63B22906
IO-540-K1B5, -K1D5, -K1E5, -K1H5	63B26725 75283
IO-540-J4A5	63B26725
IO-540-L1C5, -L1B5D AEIO-540-L1B5 AEIO-580-B1A	63B26703 77418
IO-540-C4D5, -K1B5, -V4A5, -W1A5, -W1A5D AEIO-540-D4A5, -D4B5	63B26704 79007
IO-540-V4A5 AEIO-540-D4B5	63B26711 63B22001
TIO-540-AE2A	63B26718 63B19948
TIO-540-AH1A	63B26723 63B22516
TIO-540-AJ1A	63B26707 63B23280 63B22636◆
AEIO-540-D4A5	63B26735 63B19965
AEIO-540-L1B5, -L1D5, -L1B5D	63B26746 63B21007
IO-580-B1A AEIO-580-B1A	63B28158 63B26719 LW-13518
* Inverted ** Inverted and rotated to provide for use with engine-mounted/airframe-supplied fuel flow transducer ◆ Reference the latest revision of Service Instruction No. 1489	

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Table 3
Approved Fuel Nozzle Assemblies for Use on Lycoming Engines

Lycoming Engine Model	Lycoming Part Number
IO-320-B1A, -D1A, -D1B AEIO-320-D1B, -D2B, -E2B LIO-320-B1A IO-360-A1A, -A1B, -A1B6, -A1B6D, -A1D, -A1D6, -A2B, -A3B6, -A3B6D, -B1B, -B1E, -B1F, -B1F6, -B1G6, -B2E, -B4A, -C1B, -C1A, -C1C, -C1C6, -C1D6, -C1E6, -C1G6, -D1A, -F1A, -L2A, -M1A, -M1B, -N1A IO-360-A1B6 (SOCATA) AEIO-360-A1A, -A1B, -A1B6, -A1D, -A1E, -A1E6, -A2C, -B1B, -B1F, -B1H, -B2F, -B4A, -H1A, -H1B HIO-360-A1A, -B1A, -C1B, -C1A, -D1A, -G1A IVO-360-A1A LIO-360-C1E6, -M1A IO-390-A1A6, -A1B6, -A3A6, -A3B6 IO-390-C1A6, C3A6, C1B6, C3B6 AEIO-390-A1A6, -A1B6, -A3A6, -A3B6 IO-540-AB1A5, -AC1A5, -AE1A5, -AF1A5, -C1B5, -C4B5, -C4D5, -C4D5D -D4A5, -D4B5, -G1D5, -J4A5, -K1A5, -K1A5D, -K1B5, -K1C5, -K1D5, -K1E5, -K1F5, -K1G5, -K1G5D, -K1H5, -K1J5, -K1J5D, -K1K5, -K2A5, -L1B5D, -L1C5, -M1A5, -M1C5, -N1A5, -R1A5, -T4A5D, -T4B5, -T4B5D, -V4A5, -W1A5, -W1A5D AEIO-540-D4A5, -D4B5, -L1B5, -L1B5D, -L1D5 IO-580-B1A AEIO-580-B1A IO-720-A1B, -D1B, -D1C, -D1CD	63C26450 LW-18265
IO-540-M1B5D TIO-540-F2BD, -J2B, -J2BD LTIO-540-F2BD, -J2B, -J2BD	63C26451 LW-18853
IO-540-AG1A5 TIO-540-AE2A, -AH1A, -AJ1A	63C26452 LW-18855
IO-360-C1F TIO-360-C1A6D AEIO-540-D4D5 TIO-540-AB1AD, -AB1BD, -AK1A	63C26453 LW-18854

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