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# SERVICE LETTER

Service Letter No. L279A  
 (Supersedes Service Letter No. L279)

December 28, 2023

TO: All Owners and Operators of Lycoming Piston Aircraft Engines

SUBJECT: Lycoming Model Designation for Fuel Injectors

REASON FOR REVISION: Revised prefixes, letter codes, and descriptions

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

Lycoming Engines’ naming convention for fuel injector model designations is identified in the following table. The naming convention is intended to describe the general feature set specification of the fuel injector and does not constitute the complete specification of the product.

For example: Fuel injector Lycoming Part Number 61M26404 has the new LFR Model Designation “LFR-NNSH10”, meaning the fuel injector is a non-boost venturi, non-enrichment mixture, small regulator, hose interface, with a size 10 bore.

Beginning in October 2019, fuel injectors shipped from Lycoming with engines or spare parts orders will have these new model numbers displayed on the fuel injector data plate along with the existing Lycoming part number. The Lycoming part numbers remain unchanged, and customers should continue to refer to the latest revision of Service Instruction 1532 for injector and engine applicability.

Prefix	LFR	Lycoming <u>F</u> uel <u>S</u> ervo with In-Line <u>R</u> egulator
Venturi	N	<u>N</u> on-Boost Venturi
	B	<u>B</u> oost Venturi
Mixture	N	<u>N</u> on-Enrichment
	M	<u>M</u> echanical Enrichment w/Two Hole Jet
	F	<u>F</u> uel Head Enrichment
	A	<u>A</u> utomatic Mixture
Regulator	S	<u>S</u> mall Regulator
	L	<u>L</u> arge Regulator
	I	<u>I</u> ntegrated Regulator
	R	<u>R</u> eversed Diaphragm (orientation of fuel diaphragm and air diaphragm are reversed)
Mechanical Configuration	S	<u>S</u> tandard Configuration (Flanged)
	H	<u>H</u> ose Interface
	M	<u>M</u> irror Image Body
Bore Size	5, 7, 10 - size designation	



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