



# **Fuel System Illustrated Parts Catalog**

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## **Air Bleed Nozzles**

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May 4, 2021

Part No. AFS-IPC-08

# Fuel System Illustrated Parts Catalog

AVStar Part Number: AFS-IPC-08

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**RECORD OF REVISIONS**

Revision	Revision Date	Revised By	Revision Description
Original	05/04/2021	BLS	Original Release of Catalog - Part No. AFS-IPC-08

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## **INTRODUCTION**

The AVStar Air Bleed Nozzles applicable to this catalog consist of four part numbers. Refer to the latest Revision of Lycoming Service Instruction S.I. 1532 for a cross reference of applicable engines as well as any applicable data provided by the Airframer. As a reference, Table 1 below identifies the applicable Lycoming nozzle part numbers.

<b>Table 1</b>	
<b>Lycoming Reference Part Number</b>	
<b>Lycoming Part No.</b>	<b>AVStar Part No.</b>
63C26450	AV 2524864-2
63C26451	AV 2524923-1
63C26452	AV 2524926-1
63C26453	AV 2524917-1

### **Scope of this Catalog**

This Illustrated Parts Catalog provides applicable part numbers (in compliance with FAR 33.4) for the purposes of identifying components which may require replacement or maintenance throughout the service life of the AVStar nozzle. The information provided in this catalog serves as a supplement to other applicable Maintenance Documents. The data provided in this catalog shall only be used and referenced for parts identification only and only for those nozzles explicitly listed and manufactured by AVStar Fuel Systems.

### **List of Publications**

Refer to AVStar's website for a complete list of publications available.

### **Warranty & Liability Information**

The warranty coverage on AVStar products is described in detail in the following documents. Refer to the AVStar website for the latest revision:

Certified New Fuel Systems                      AFS900-F28, latest revision

Overhauled Fuel Systems                          AFS900-F31, latest revision

Using unauthorized parts in any AVStar product voids all warranties. AVStar will not accept liability for units that contain unauthorized parts irrespective of the theory upon which any claim might be based including, but not limited to, breach of contract, warranty, negligence, or strict liability in tort. The customer specifically agrees that the party or parties responsible for installation and/or use of unauthorized parts shall bear sole and exclusive liability for all property damage or injury, including death, resulting from any malfunction of the unit in which unauthorized parts are installed.

### **Simplified Technical English**

The text in the catalog is written in the form of Simplified Technical English in compliance with FAA requirements and to make translation into other languages easier.

### **Format**

Chapters in this catalog are identified in General Aviation Manufacturers Association (GAMA) Specification format.

**Figures**

Figures in this manual are for illustration purposes only. Figures always start as Figure 1 in each chapter.

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**Feedback**

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**Customer Service**

Additionally, AVStar has Customer Service to supply information and assistance to owners, operators, and maintenance personnel servicing AVStar Fuel Systems.

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## 73-10 – ENGINE FUEL SYSTEM: INJECTOR NOZZLE

### 1. Figure 1 – Nozzle Assembly, Deck Vent Type

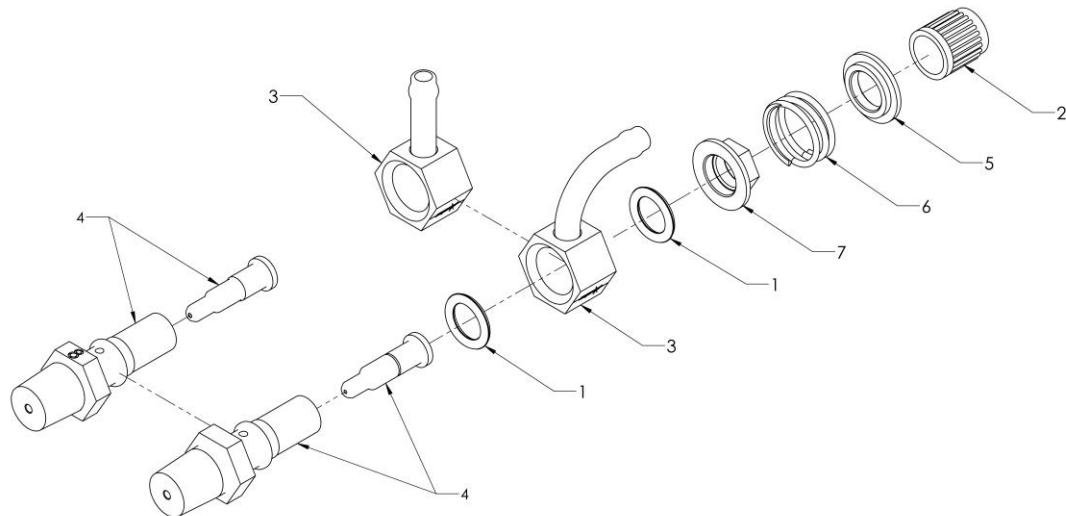


Fig 1 - Item	Part Number	Description	ALL AIR BLEED NOZZLES	AV 2524917-1	AV 2524923-1	AV 2524926-1
1	<b>AV 951391</b>	PACKING - PREFORMED .....	2			
2	AV 2522020	CAP - SHIPPING .....	1			
3	AV 2525892	TUBE ASSEMBLY - SHROUD NOZZLE .....			1	
	AV 2525894	TUBE ASSEMBLY - SHROUD NOZZLE .....		1		1
4	AV 2541946	NOZZLE ASSY - AIR BLEED .....		NP	NP	
	AV 2541949	NOZZLE ASSY - AIR BLEED .....				NP
5	AV 2521863	HOLDER - SPRING .....	1			
6	AV 2521864	SPRING - HELICAL COMPRESSION .....	1			
7	AV 2541847	NUT - HEX - SPECIAL .....	1			

## 2. Figure 2 – Nozzle Assembly, Ambient Pressure Type

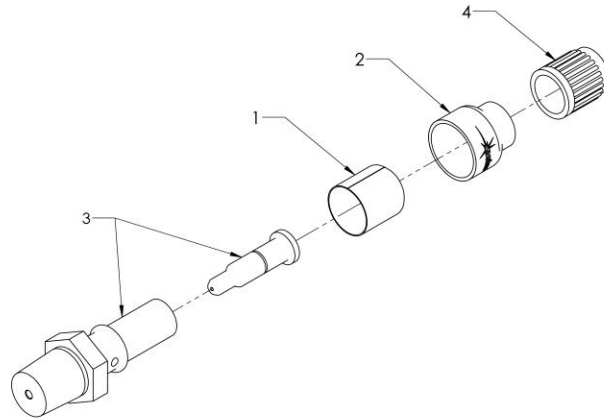


Fig 2 - Item	Part Number	Description	AV 2524864-2
1	AV 367687	SCREEN - NOZZLE .....	1
2	AV 2520418	SHIELD - NOZZLE .....	1
3	AV 2521586	NOZZLE ASSY - AIR BLEED .....	NP
4	AV 2522020	CAP - SHIPPING .....	1

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