

International Aero Engines SERVICE BULLETIN

OIL - REPLACEMENT OF THE SCAVENGE OIL FILTER ASSEMBLY

MODEL APPLICATION

V2500-A1

BULLETIN INDEX LOCATOR

79-00-00

Compliance Category Code

3

Internal Reference No.

EC88VF018

June.9/89

Revision 1 Jul.7/94

V2500-ENG-79-0002

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Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).



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OIL - REPLACEMENT OF THE SCAVENGE OIL FILTER ASSEMBLY

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Serial No.V0014, V0015, V0017, V0019, V0021 and V0023

B. Reason

(1) Condition

The pressure oil filter element could be inadvertently installed in the scavenge oil filter assembly. This can cause unwanted oil contamination.

(2) Background

Until this time, this condition has never been experienced but it could accidentally happen during replacement of the pre-service bulletin filter assembly.

(3) Objective

To prevent the installation of the pressure oil filter element in the scavenge oil filter assembly.

(4) Substantiation

The configuration change given in this Service Bulletin has been tested in Fiat test stand with satisfactory results.

(5) Effect of Bulletin on:

Removal/Installation	Not affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Affected
Repair	Affected
Testing	Not affected

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(6) Supplemental Information

- (a) The Component Maintenance Manual Inspection/Check procedures under chapter 79-22-43 are revised to reflect Post-Service Bulletin Fits and Clearances data.
- (b) Existing Repair Schemes VRS No.'s 5237 thru 5252, also apply to new PN 4A7033-A, scavenge oil filter assembly.

C. Description

The added machined ring diameter is decreased to prevent the installation of the pressure oil filter element.

D. Approval

The Part Number changes and/or part modifications described in Sections 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. Compliance

Category Code 3

F. Manpower

Estimated Manhours to incorporate the full intent of this Bulletin:

<u>Venue</u>	<u>Estimated Manhours</u>
(1) In Service	
TOTAL	50 minutes

G. Material - Prices and Availability

- (1) Modification Kit not required.
- (2) Parts supplied as single line items on a no charge basis and are currently available.

H. Tooling - Price and Availability

Special tooling are not required.

I. Weight and Balance

- (1) Weight change None
- (2) Moment arm No effect
- (3) Datum Engine front centerline

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J. Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

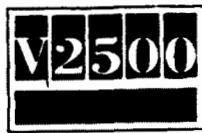
K. Reference

- (1) V2500 Engine Illustrated Parts Catalog.
- (2) V2500 Engine Maintenance Manual, 12-13-79, Servicing.
- (3) V2500 Engine Maintenance Manual, 79-22-44, Removal/Installation.
- (4) V2500 Engine Maintenance Manual, 79-22-43, Removal/Installation.
- (5) V2500 Engine Maintenance Manual, 71-00-00, Servicing.

L. Other Publications Affected

- (1) V2500 Illustrated Parts Catalog, Figure Number 79-22-43.
- (2) V2500 Component Maintenance Manual, Chapter/Section 79-22-43 Repairs -01 will be revised to show that VRS 5237 thru 5252 are also applicable to the new Part Number Scavenge Oil Filter Assembly being introduced by this Bulletin.

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2. Accomplishment Instructions

A. Prerequisite Instructions

WARNING: ALL ELECTRICAL POWER SUPPLY FROM THE ENGINE MUST BE DISCONNECTED.

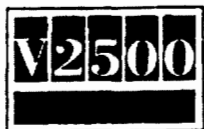
- (1) Disconnect power supply from the engine by opening all applicable circuit breakers.
- (2) Open the fan cowl panels to gain access to the scavenge oil filter assembly.
- (3) Drain the scavenge oil filter assembly, refer to Aircraft Maintenance Manual, 12-13-79.
- (4) Remove the scavenge oil filter element, refer to Aircraft Maintenance Manual, 79-22-44.
- (5) Remove the scavenge oil filter assembly, refer to Aircraft Maintenance Manual, 79-22-43.

B. Assembly Instructions

- (1) Install the new PN 4A7033-A scavenge oil filter assembly, refer to Aircraft Maintenance Manual, 79-22-43.
- (2) Install the scavenge oil filter element, refer to Aircraft Maintenance Manual, 79-22-44.
- (3) Fill the engine oil system, refer to Aircraft Maintenance Manual, 12-13-79.
- (4) Do a leak test on the oil system, refer to Aircraft Maintenance Manual, 71-00-00.
- (5) Reconnect the power supply.
- (6) Close the fan cowl panels.

C. Recording Instructions

- (1) A record of accomplishment is necessary.



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3. Material Information

Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin

None

B. Parts affected by this Bulletin

	New Part No. (ATA No.)	Qty	Est'd Unit Price(\$)	Keyword	Old Part No. (IPC No.)	Instruction Disposition
R	4A7033 (79-22-43)	1	-	Filter, Assy Oil Scavenge	4A7032 (01-001)	(B)
R	4A7043 (79-22-43)	1	1133.00	.Cover, Assy Oil Filter	4A7041 (01-140)	(A) (S1) (1D)
R	4P7216 (79-22-43)	1	809.00	..Cover	4P7131 (01-250)	(A) (1D)
R	4B7215 (79-22-43)	1	4007.00	.Housing, A/O Oil Filter	4B7168 (01-550)	(A) (S1) (1D)

C. Instructions/Disposition Code Statements:

(A) New Parts are currently available for sale.

R (B) New part coded (B) is not spareable. Part number is pro-
R vided for manufacturing traceability

R (S1) New parts coded (S1) must replace old parts as a complete
R set per engine.

(1D) Return old parts to IAE

NOTE: The estimated 1994 Unit Prices shown are provided for plan-
ning purposes only and do not constitute a firm quotation.
Consult the IAE Price Catalog or contact IAE's Spare Parts
Sales Department for information concerning firm prices.