



STANDARD PRACTICES - ENGINE - INFORMATION - OIL - TO ANNOUNCE THE INTRODUCTION OF NEW
FUEL COOLED OIL COOLER WITH ADDITIONAL CRIMP - CATEGORY CODE 8 - MOD.ENG-70-0193

1. Planning Information

A. Effectivity

(1) Aircraft: Airbus A320

(2) Engine : V2500-A1

B. Reason

To improve the durability of engine fuel system against unwanted foreign particles intruded into the fuel.

C. Compliance

Category Code 8

Accomplish based upon experience with prior configuration.

D. Approval

The part number transaction shown under the Material Information portion of this Bulletin has been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. References

(1) Internal Reference No.

EC 91VJ002

ECM 91VJ002-01

(2) Other References

Sumitomo Precision Products Service Bulletin No. 79-2503.

F. Accomplishment Instructions

The Fuel Cooled (PN 5U0002) could be modified to a new cooler (PN 5U0039). For details, refer to the Vendor Service Bulletin No.79-2503.

V2500-ENG-70-0193



G. General Information

- (1) The Material Information portion of this Bulletin provides the latest information concerning the availability of the new fuel cooled oil cooler.
- (2) The new Fuel Cooled Oil Cooler equipped with additional crimps in the matrix is introduced.
- (3) Other publications affected
 - (a) V2500 Engine Illustrated Parts Catalog, 79-21-43, will be revised to incorporate the new parts.
 - (b) V2500 Power Plant Illustrated Parts Catalog, 79-21-43, will be revised to incorporate the new parts.

H. Material Information

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Supply Status
5U0039 (0F25-101) (79-21-43)	1		Cooler, Oil Fuel Cooled	5U0002 (0F25-001) (01-100)	(A) (B) (1)

(A) New part is currently available.

(B) Old part will no longer be available for sale.

(1) Old and new parts are freely and fully interchangeable, both physically and functionally.

NOTE: The estimated 1992 unit price shown is provided for planning purposes only and does not constitute a firm quotation. Consult the JAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.



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SERVICE BULLETIN

A320/V2500

CIRCULATE PROMPTLY

OIL - FUEL COOLED OIL COOLER -
INCORPORATION OF NEW MATRIX

1. Planning Information

A. Effectivity

Fuel Cooled Oil Cooler
SPP Part Number
OF25-001

SPP Serial Numbers
incorporation needed
ALL

B. Reason

This product improvement bulletin reduces the possibility of introducing unwanted foreign particles into heat transfer tubes of matrix by incorporating new matrix with additional crimping on the end of heat transfer tubes for fuel inlet side.

C. Description

The matrix is replaced.

D. Compliance

Category 8

E. Approval

This Service Bulletin 79-2503 was Technically agreed by IAE on January 07,1993.

F. Manpower

No additional man-powers are required to accomplish this bulletin during component maintenance.



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G. Material - Cost Availability

The new parts required to accomplish this modification are listed in Section 3, Material Information, and are available at the price and lead time indicated. Orders for spare parts should be addressed to:

Federal Supply Code: 0ABG4

Sumitomo Precision Products Co., Ltd.
Attention: Manager, International Product Support
1-10, Fuso-cho, Amagasaki, 660 Japan

H. Tooling

None

I. Weight and Balance

None

J. Electrical Load Data

None

K. Reference

IAE SERVICE BULLETIN NO. V2500-ENG-70-0193 and
Component Maintenance Manual 79-21-43

L. Other publication

Component Maintenance Manual 79-21-43



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2. Accomplishment Instructions

A. Modify fuel cooled oil cooler PN OF25-001 to OF25-101 as follows:

- (1) Remove five bolts PN MS21280-20 or MS9557-20, five washers PN AN960C416 or MS9321-10, bolt PN MS21281-19 or MS9558-19, washer PN AN960C516 or MS9321-11 and header assy PN OF25-004.
- (2) Pull matrix PN OF25-002 from housing assy PN OF25-003 and replace with new matrix PN OF29-002.
- (3) Remove and discard four preformed packings PN OF25-015.
- (4) Apply oil (MIL-L-23369) to four preformed packings PN OF25-015 and install them in grooves of matrix PN OF29-002.
- (5) Press matrix using dowel pins to guide matrix into housing assy PN OF25-003.
- (6) Install header assy PN OF25-004.
- (7) Tighten five bolts PN MS21280-20 or MS9557-20 with five washers PN AN960C416 or MS9321-10 to torque value of 85 to 95 pound-inches. Tighten bolt PN MS21281-19 or MS9558-19 with washer PN AN960C516 or MS9321-11 to torque value of 200 to 220 pound-inches.
- (8) Reidentify modified fuel cooled oil cooler PN OF25-001 (IAE PN 5U0002) to PN OF25-101 (IAE PN 5U0039) by X'ing out "-001" (IAE PN "0002") and adding "-101" (IAE PN "0039") adjacent to existing part number on identification plate PN OF25-013 using vibration peen method.

Old Part Number

OF25-001 (Sumitomo PN)
5U0002 (IAE PN)

New Part Number

OF25-101 (Sumitomo PN)
5U0039 (IAE PN)

- (9) Leak check and proof pressure check fuel cooled oil cooler with existing CMM.

B. Reidentification

Incorporation of this bulletin is identified by Sumitomo Precision Products Co., Ltd. (SPP) with part number change. Reidentify modified fuel cooled oil cooler with new part number OF25-101. Serial number is not affected by this bulletin.



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3. Material Information

The basis for the following data is per fuel cooled oil cooler. Any prices shown herein are the net prices F.O.B. Sumitomo Precision Products Co., Ltd. 1-10 Fuso-cho, Amagasaki, 660 Japan in effect as of date of bulletin and are based on the condition that Sumitomo Precision Products' Standard Terms and Conditions of Sales pertaining to commercial contracts in effect when order is accepted will apply. These prices are firm subject to ninety days notice of change, except that corrections, additions, or deletions shall be effective immediately and in the event prices for these parts are included in a related general parts price list, prices shown in such parts price list shall be deemed to have superseded the prices shown herein on the effective data of such price list. Quantities ordered must be in accordance with the specified Minimum Sales Quantity (MSQ) or multiples thereof. Lead times listed herein apply to all orders placed for modification parts, are based on the number of days from acceptance of order, and are subjected to change without notice. Lead times for parts ordered as replenishment for inventory will be established in accordance with Sumitomo Precision Products Co., Ltd. current product support policy. The maintenance/overhaul factors (M/OH) shown are estimated replacement percentages for the individual parts based on 100 maintenance actions (usage between overhauls) and 100 overhauls, respectively. These estimated factors are furnished for your convenience and they shall not constitute either representations or guarantees.

NOTE: The tabulation below includes code numbers in the "Instructive /Disposition" column identified as "I/D Code". These code numbers designate the following dispositions.

1. Added part
2. Scrap Part
3. Rework and Reidentify Part
4. Use for other Applications

A. New Parts Required

New PN	Qty	Unit Price	Lead Time	M/OH	MSQ	Nomenclature	Old PN	I/D Code
OF29-002	1	4,300.00	90	-/5	1	Matrix	OF25-002*	1
OF25-015**	4	23.80	60	110/110	5	Packing	OF25-015	1

* Spares of superseded parts will not be maintained by Sumitomo Precision Products Co., Ltd.

** This item listed for replacement purpose only.



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B. Parts to be discarded (No equivalent new parts)

New PN	Qty	Unit Price	Lead Time	M/OH	MSQ	Nomenclature	Old PN	I/D Code
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** This item listed for replacement purpose only.

