



## SERVICE BULLETIN

ENGINE - FUEL AND CONTROL - INTRODUCTION OF A NEW FUEL DIVERTER AND RETURN VALVE WITH NEW TYPE OF MICROSWITCH FOR CONTROLLED SERVICE USE - NOT APPLICABLE - MOD.ENG-73-0072

### 1. Planning Information

#### A. Effectivity

- (1) Aircraft: (a) Airbus A320
- (2) Engine: (a) V2527-A5 Engine, Serial Nos. to be determined by IAE.

#### B. Reason

To improve the reliability of the microswitch assembly.

#### C. Compliance

Category Code not applicable

This Service Bulletin is released for the purpose of Controlled Service Use (CSU).

#### D. Approval

The 'Compliance' statement and the procedures described in Paragraph F 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. Reference

- (1) Internal Reference No.

95VJ014A

- (2) Other References

IAE Engineering Change No. 95VJ014A

V2500 Engine Illustrated Part Catalogs, 73-13-42

A320 Maintenance Manual, 73-13-42, Removal/Installation

#### F. Action

WARNING: DO NOT LET ENGINE FUEL STAY ON YOUR SKIN FOR A LONG TIME. FLUSH THE FUEL FROM YOUR SKIN WITH WATER. THE FUEL IS POISONOUS AND CAN GO THROUGH YOUR SKIN AND INTO YOUR BODY.

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**WARNING:** BE CAREFUL WHEN YOU WORK ON THE ENGINE COMPONENTS IMMEDIATELY AFTER THE ENGINE IS SHUTDOWN. THE ENGINE COMPONENTS CAN STAY HOT FOR UP TO ONE HOUR.

**CAUTION:** DO NOT LET ENGINE FUEL FALL ON THE ENGINE. UNWANTED FUEL MUST BE REMOVED IMMEDIATELY WITH A CLENA LINT FREE CLOTH. THE FUEL CAN CAUSE DAMAGE TO THE SURFACE PROTECTION AND TO SOME PARTS.

- (1) Remove the Fuel Cooled Oil Cooler (FCOC) from the engine, and also remove the existing 5L0061 or 56L0065, Fuel Diverter and Return Valve (FDRV) from the FCOC as specified in the Maintenance Manual 73-13-42, Removal/Installation.
- (2) Install the new 5L0074 or 5L0076, FDRV onto the FCOC, and then install the FCOC onto the engine as specified in the Maintenance Manual, 73-13-42, Removal/Installation.
- (3) When the new FDRV gains the following flight hours, remove the new FDRV from the engine and return it to check to the vendor as instructed in 'Material information'.

Flight Hours	Quantity of FDRV to be checked
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150 Flight hours	: 2 units (to be returned to vendor)
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- (4) Provide IAE with a Data Record Sheet (Refer to Figure 1) for each of the affected engines on a monthly basis during Controlled Service Use.
- (5) During Controlled Service Use, if any warning of FDRV would be observed, immediately return the FDRV to the vendor together with the IAE Event Report, Fault Code(s) and Post Flight Report.

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2. Material Information

## A. Parts affected by this bulletin:

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
-----					
(1) For Engines where SB V2500-73-0062 has not been incorporated;					
5L0074 (17300G08) (73-13-42)	1		.Valve, Fuel Diverter & Return	5L0061 (1730G06) (01-100)	(A) (S1) (S2)
(2) For Engines where SB V2500-ENG-73-0062 has been incorporated;					
5L0076 (17300G09) (73-13-42)	1		.Valve, Fuel Diverter & Return	5L0065 (17300G07) (01-100)	(A) (S1) (S2)

## B. Supply Status Code Statements:

(A) New parts are available.

(S1) Old and New parts are freely and fully interchangeable, both physically and functionally.

(S2) Return the New parts based on '1.F.Action,(3)' to the vendor shown below.

To: Mr. A. Kodama  
Ishikawaujima-Harima Heavy Industries Co., Ltd.  
Civil Aero-Engine Product Support  
229, Tonogaya, Mizuho-machi, Nistitama-gun  
Tokyo, 190-12, Japan  
Tel: 81-425-68-7107  
Fax: 81-425-68-7104

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DATA RECORD SHEET  
FOR SB V2500-ENG-ENG-73-0072  
CONTROLLED SAERVICE USE

Printed in Great Britain

Operator : \_\_\_\_\_

Eng. S/N : \_\_\_\_\_ A/C No. : \_\_\_\_\_

Eng. TT : \_\_\_\_\_ hours

Eng. TC : \_\_\_\_\_ cycles

Removed Fuel Diverter and Return Valve S/N : \_\_\_\_\_

Installed Fuel Diverter and Return Valve S/N : \_\_\_\_\_

Remarks : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date : \_\_\_\_\_

Inspection : \_\_\_\_\_

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Data Record Sheet  
Fig.1

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