

**SERVICE BULLETIN**

ENGINE - FUEL AND CONTROL - DO A CLEARANCE CHECK BETWEEN THE BRACKET AND THE FUEL
NOZZLE SUPPLY MANIFOLD - CATEGORY CODE 3 - MOD.ENG-73-0042

1. Planning Information**A. Effectivity**

- (1) Aircraft: Airbus A320 and A321
- (2) Engine: V2500-A1 Engine Serial Numbers between V0230 and V0300,
except V0283 through V0289, V0291, V0293 and V0300.

NOTE: Engine Serial Numbers V0248 and V0250 were inspected and had a clearance measurement of 0.035 in. (0,89 mm). The 2A1389-01 Fuel Manifold Assembly must be replaced on these Engines within 400 hours of receipt of this Service Bulletin.

Engine Serial Numbers V0290, V0292 and V0294 were inspected and had a clearance measurement of less than 0.035 in. (0,889 mm). The 2A1389-01 Fuel Manifold Assembly and the 2A1488 Bracket on these Engines will be replaced before delivery to the customer.

FOR RECORD PURPOSES ONLY:

Engine serial Numbers V0285, V0287 and V0300 were inspected and had a clearance measurement of less than 0.035 in. (0,889 mm). The Fuel Manifold Assemblies on these Engines were changed.

V2500-A5 Engine Serial Numbers V10001 through V10004.

B. Reason

The clearance between the 2A1488 Bracket and the 2A1389-01 Fuel Nozzle Supply Manifold on certain engines can be insufficient.

C. Compliance

Category Code 3.

Comply with this Service Bulletin at the next scheduled 'A' check or in 400 hours of receipt of this Service Bulletin, whichever occurs first.

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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. References

- (1) Internal Reference No.

92VC047

- (2) Other References

A320/V2500 Aircraft Maintenance Manual.

F. Action

- (1) On the aircraft panel 115VU, put a warning notice to tell the persons not to start the engine.

- (2) On the aircraft panel 50VU, make sure that the ON legend on the EDG FADEC GND PWR push button switch is OFF and install a warning notice.

- (3) Open the Fan Cowls by the approved procedures in Reference (1), Control No./TASK No. 71-13-00-010-010.

- (4) Open the Thrust Reverser Halves by the approved procedures in Reference (1), Control No. /TASK 78-32-00-010-010.

- (5) Measure and make a record of the minimum clearance between the 2A1488 Bracket and the 2A1389-01 Fuel Nozzle Supply Manifold. Refer to Figure 1.

- (a) Make a record of the engine serial number and the minimum distance (clearance) measurement.

- (b) Provide this information to International Aero Engines (IAE) through either the local IAE representative or directly to the following address:

International Aero Engines AG
Corporate Center 2
628 Hebron Ave.
Glastonbury, CT 06033
Attention: Steve Moore

- (c) If the clearance is 0.098 in. (2,489 mm) or more no further action is necessary.

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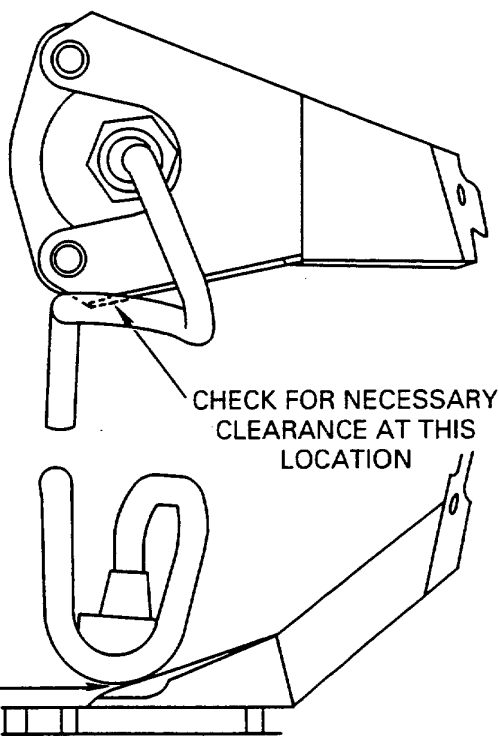
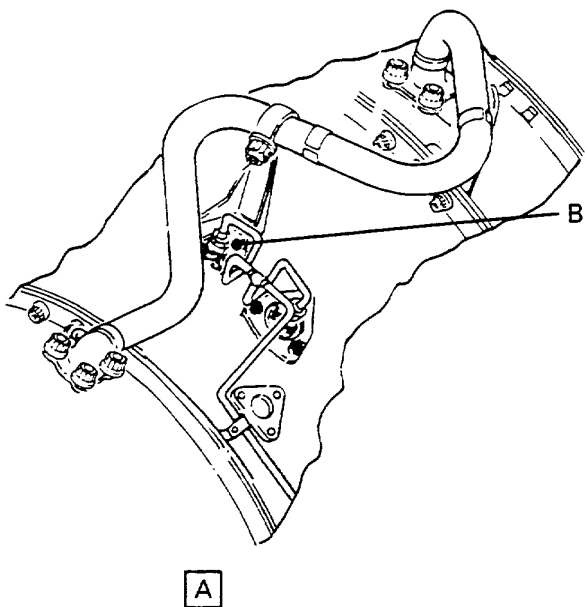
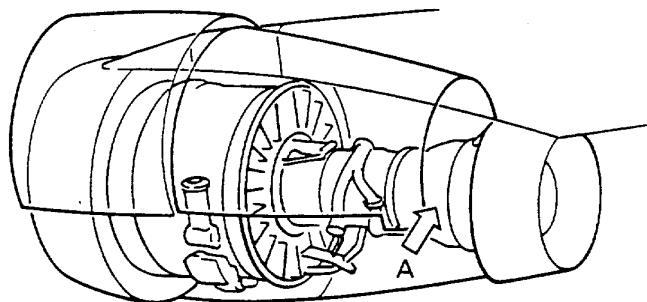
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- (d) If the clearance is between 0.000 and 0.035 in. (0,000 and 0,89 mm) proceed as follows:
- 1 Replace the 2A1389-01 Fuel Nozzle Supply Manifold immediately. Do the approved procedure in reference (1), Control No./TASK No. 73-11-41-400-010.
- (e) If the clearance is between 0.035 and 0.098 in. (0,89 and 2,49 mm) proceed as follows:
- 1 Replace the 2A1989-01 Fuel Nozzle Supply Manifold at the next scheduled 'A' Check, subsequent to the inspection or within 400 hours. Do the approved procedure in reference (1), Control No./TASK No. 73-11-41-400-010.
- (f) After the new Fuel Nozzle Supply Manifold is installed, do an inspection to make sure that there is a minimum of 0.098 in (2,489 mm) clearance between the manifold and the 2A1488 Bracket.
- (g) Send all removed Fuel Nozzle Supply Manifolds (those which have insufficient clearance) to IAE as discrepant new parts, by the standard procedures.
- (h) Close the Thrust Reverser Halves by the approved procedures in Reference (1), Control No./TASK No. 78-32-00-410-010.
- (i) Close the Fan Cowls by the approved procedures in Reference (1), Control No./TASK No. 71-13-00-410-010.
- (j) Remove the warning notices.

G. Recording Instructions

A record of accomplishment is necessary.

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CHECK FOR NECESSARY
CLEARANCE AT THIS
LOCATION

CHECK FOR NECESSARY
CLEARANCE AT THIS
LOCATION

VIEW AT LOCATION **B**

B8726

Inspection location fuel nozzle supply manifold (No. 18 position) to bracket clearance
Fig.1

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International Aero Engines

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