



POWER PLANT - NACELLE - POWERPLANT - CORE SERVICES HARNESS - REROUTE OF - CATEGORY
CODE 8 - MOD.NAC-71-0138

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Nacelle: V2500-A1 engine buildup units prior to serial number 252.

B. Reason

(1) Condition

The thrust reverser deflector may touch and damage the core services harness.

(2) Background

Operators have reported a fouling condition between the thrust reverser deflector and the core services harness.

(3) Objective

To ensure engine reliability is maintained through adequate clearance between the thrust reverser deflector and the core services harness.

(4) Substantiation

Trial installation on mock-up showed this modification provided the necessary clearance.

(5) Effect of Bulletin on:

- | | |
|--------------------------|----------------|
| (a) Removal/Installation | - Affected |
| (b) Disassembly/Assembly | - Not Affected |
| (c) Cleaning | - Not Affected |
| (d) Inspection/Repair | - Not Affected |
| (e) Repair | - Not Affected |
| (f) Testing | - Not Affected |

(6) Supplemental Information

Removal/Installation procedures for core services harness will be revised to reflect new clipping.

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**C. Description**

(1) The change introduced by this Bulletin is as follows:

- (a) Clipping points CP5916 and CP5917 on the core services harness are deleted. Two new clipping points replace them: CP5919 and CP5920. The new clipping points are attached to a pneumatic tube local to the old clipping points.

D. Approval

The technical content of this Service Bulletin is covered by an Airbus Modification No. 21948/P3460 which is approved under the authority of DGAC Design Organisation Approval No. C01.

E. Compliance

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Accomplish based upon experience with the prior configuration.

G. Manpower

Estimated manhours to incorporate the intent of this Bulletin on each engine buildup unit:

VENUE	ESTIMATED MANHOURS
(1) In Service	Not applicable
(2) in shop	
(a) To rework	0.3 M/Hrs.
Total	0.3 M/Hrs.

G. Material Cost and Availability

Modification kit not required. Parts supplied as single line items (Refer to section 3, Material Information).

H. Tooling Cost and Availability

None Required.

I. Weight and Balance

- (1) Weight Change.....None
- (2) Moment Arm.....No effect

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(3) Datum.....Engine Front Mount Centerline
.....(Power Plant Station (PPS) 100.00)

J. Electrical Load Data

Not affected.

K. References

(1) Internal Reference No.

92VN062

(2) Other References

None.

L. Other Publications Affected

A320/V2500-A1 Engine Illustrated Parts Catalog 71-52-41

A320/V2500-A1 Powerplant Illustrated Parts Catalog 71-52-41

A320/V2500-A1 Powerplant Buildup Manual 71-00-02



2. Accomplishment Instructions

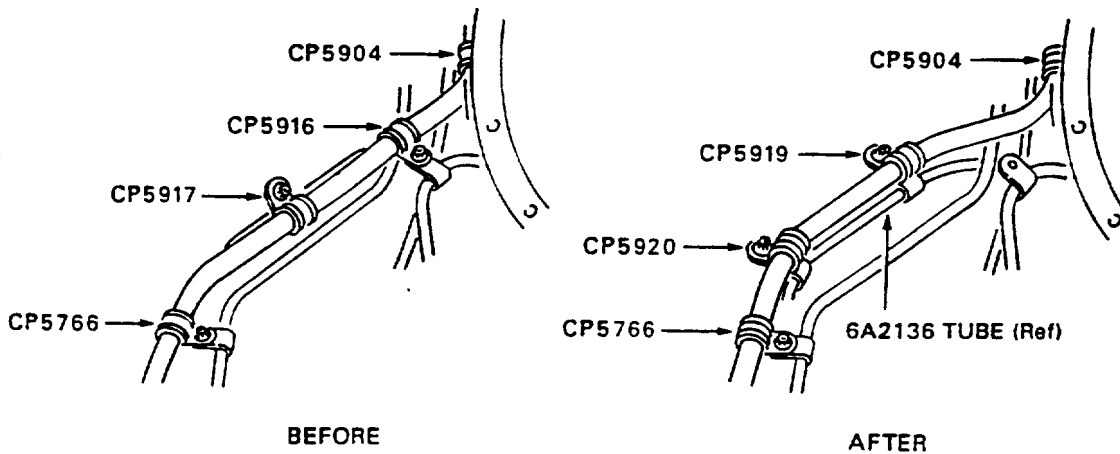
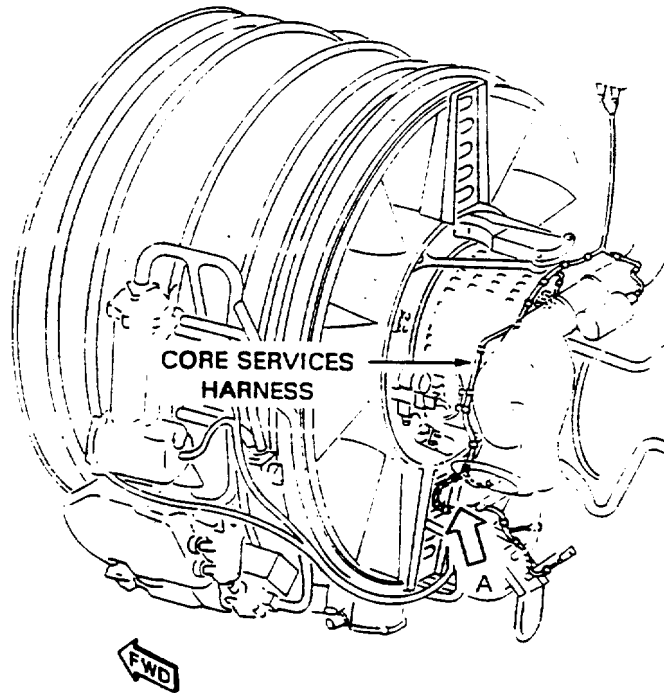
A. Prerequisite Instructions

None.

B. Rework and Modification Instructions

- (1) Find clipping points CP5916 and CP5917 at the bottom of the engine core. See Figure 1.
- (2) Remove the AS21407 bolt, TA025074-03 clamp, AS20624 nut, and SP154D washer from clipping point CP5916. Retain hardware for reinstallation. See Figure 2.
- (3) Remove the AS21407 bolt, TA025074-03 clamp, AS20624 nut, and SP154D washer from clipping point CP5917. Retain hardware for reinstallation.
- (4) Put the 740-5967 core services harness in position for clipping to 6A2136 tube. See Figure 1.
- (5) Attach the 740-5967 core services harness to tube 6A2136 at clipping point CP5919 using a TA025074-03 clamp, 400WSS4 clamp, AS21407 bolt, SP154D washer, and AS20624 nut. Torque the nut to 20-25 lbf-in (2.3-2.8 Nm).
- (6) Attach the 740-5967 core services harness to tube 6A2136 at clipping point CP5920 using a TA025074-03 clamp, 400WSS4 clamp, AS21407 bolt, SP154D washer, and AS20624 nut. Torque the nut to 20-25 lbf-in (2.3-2.8 Nm).

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A

LOCATION OF CLIPPING POINT CHANGES
Fig.1

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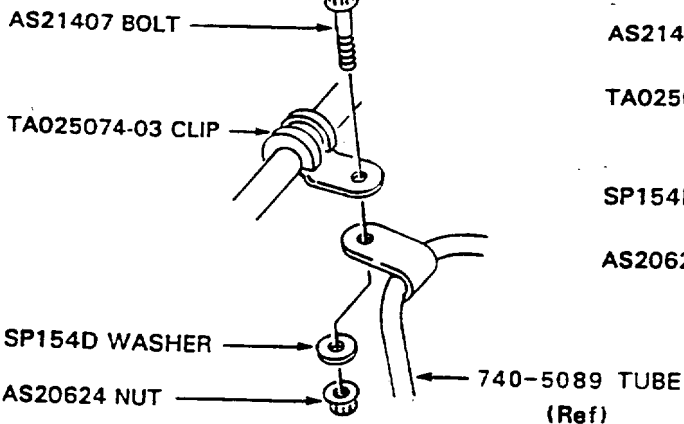
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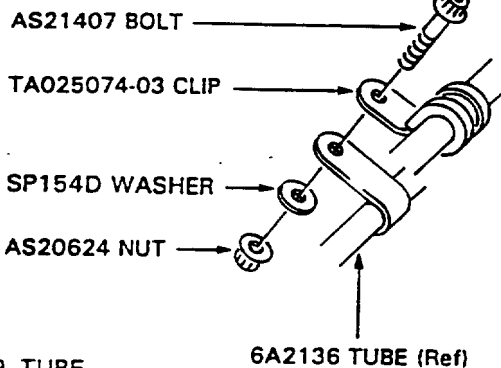
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REMOVE



CP5916

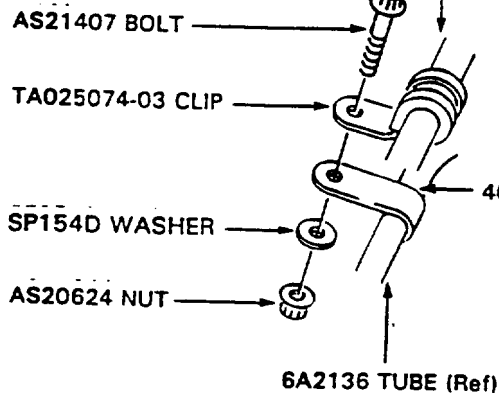
REMOVE



CP5917

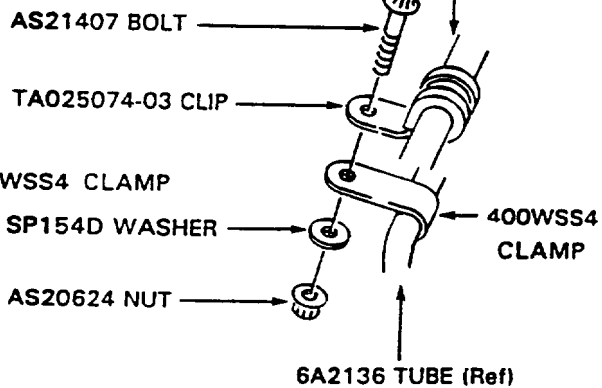
BEFORE

INSTALL



CP5919

INSTALL



CP5920

AFTER

DISASSEMBLY/ASSEMBLY OF CLIPPING POINT CHANGES.
Fig.2

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C. Post-requisite Instructions

None.

C. Recording Instructions

- (1) A record of accomplishment is necessary. Note in engine log that Service Bulletin V2500-NAC-71-0138 has been done.



SERVICE BULLETIN

3. Material Information

Applicability: For each V2500-A1 Engine build-up unit to incorporate this Bulletin.

A. Kits Associated with this Bulletin:

None.

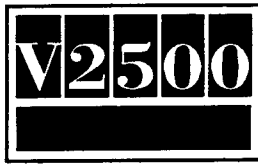
B. Parts Affected by this Bulletin:

NEW PART NO. (ATA NO.)	QTY	EST'D UNIT PRICE	KEYWORD	OLD PART NO. (IPC NO)	INSTR/ DISPOS
400WSS4 (71-52-41)	1	\$2.00	Clamp	- - - (01-229) (01-219)	(A)(B)
AS21407 (71-52-41)	1	\$4.00	Bolt	- - - (01-225) (01-215)	(E)
TA025074-03 (71-52-41)	1	\$25.00	Clamp	- - - (01-227) (01-217)	(E)
SP154D (71-52-41)	1	\$1.00	Washer	- - - (01-230) (01-220)	(E)
AS20624 (71-52-41)	1	\$4.00	Nut	- - - (01-233) (01-223)	(E)
- - - (71-52-41)	1		Bolt	AS21407 (01-184) (01-192)	(C)
- - - (71-52-41)	1		Washer	SP154D (01-186) (01-194)	(C)
- - - (71-52-41)	1		Clamp	TA025074-03 (01-188) (01-197)	(C)
- - - (71-52-41)	1		Nut	AS20624 (01-190) (01-198)	(C)

C. Instruction/Disposition Code Statements:

- (A) New part is currently available.
- (B) New part is supplied as detail of kit.

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(C) Part not deleted. New catalog sequence number (CSN) assigned (See item E).

(E) Part not added. New CSN assigned.

NOTE: The estimated 1995 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the Rohr Price Catalog or contact Rohr's Customer Support Department for information concerning firm prices.

D. These materials are to be procured by the Operator or obtained from his stock:

None.

