



SERVICE BULLETIN

NACELLE - POWER PLANT - CLIPPING POINTS, CORE FIRE SERVICES HARNESS - MODIFICATION OF
- CATEGORY CODE 4 - MOD.NAC-71-00111. Planning InformationA. Effectivity

- (1) Airplane: Airbus A320
- (2) Nacelle: V2500-A1 Nacelles

(a) Engine Buildup Units

The intent of this Service Bulletin was incorporated at the manufacturer on Engine Buildup Units (EBU) Serial No. 32 and on.

The following EBU Serial numbers were not changed at the manufacturer. They can be modified by incorporating this Service Bulletin using Kit V2571011-551.

EBU Serial Number -----	Qty of Kits V2571011-551 -----
7 thru 12, 17 20, and 25	9

B. Reason

(1) Condition

The core harness assembly could be damaged by the engine support during transit.

(2) Background

The engine support falls on the harness assembly when the engine is transported.

(3) Objective

To provide adequate clearance between the core harness assembly and the mount support during transit.

(4) Substantiation

V2500-NAC-71-0011



SERVICE BULLETIN

Not applicable.

(5) Impact of Bulletin on:

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

(6) Supplemental Information

None.

C. Description

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

Clipping point 5912 is removed and discarded. Clipping points 5911 and 5908 are adjusted (refer to Figures 2 and 3) and a spacer is installed at clipping point 5910. (Refer to Figure 3.) These changes will increase the clearance between the core fire services harness and the hot air pipe. Also it will give clearance between the harness and the engine support to prevent damage to the harness while in transit.

D. Approval

The part number changes shown in paragraph 3 of this Service Bulletin have been sanctioned under a product development/control system that has been approved by the DGAC (Direction Generale de l'Aviation Civile - France).

E. Compliance

Category Code 4

Accomplish at the first visit of the Nacelle or Nacelle Component to a maintenance base capable of compliance with the accomplishment instructions regardless of the planned maintenance action for the Nacelle or Nacelle component.

F. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

VENUE

ESTIMATED MANHOURS

(1) In Service

V2500-NAC-71-0011



SERVICE BULLETIN

(a) To gain access.....	0.2 M/HRS.
(b) To embody.....	0.5 M/HRS.
(c) To return nacelle to service.....	0.2 M/HRS.

TOTAL	0.9 M/HRS.

G. Material Cost and Availability

The parts to accomplish this Service Bulletin are available from the supplier as Kit V2571011-551 at no cost to the operator.

Operators with units listed in Paragraph 1.A should submit a no charge purchase order for the applicable quantity of Kits. The purchase order must specify this service bulletin number and only the parts listed herein. Delivery schedules will be furnished to operators upon receipt of their written request.

Direct purchase order to:

Rohr Industries, Inc.
660 Bay Blvd.
Chula Vista, CA 92012-0878 USA
Attn: Customer Support Manager, Bldg. 850A
(service Bulletin No. V2500-NAC-71-0011)

H. Tooling Cost and Availability

None required.

I. Weight and Balance

(1) Weight Change.....	None
(2) Moment Arm.....	No effect
(3) Datum.....	Engine Front Mount Centerline
	(Powerplant Station
	PPS 100.00)

J. Electrical Load Data

Not affected

K. References

V2500 Aircraft Maintenance Manual 78-32-00

V2500-NAC-71-0011



International Aero Engines

SERVICE BULLETIN

L. Other Publications Affected

V2500 Engine Illustrated Parts Catalog 71-52-41

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V2500-NAC-71-0011

May .15/91

Page 4



2. Accomplishment Instructions

A. Prerequisite Instructions

- (1) Open the thrust reverser halves as specified in the V2500 Aircraft Maintenance Manual, Task 78-32-00-010-010.
- (2) Find the GP5 ground point on the left side of the engine core at PPS 117.90. (Refer to Figure 1.)

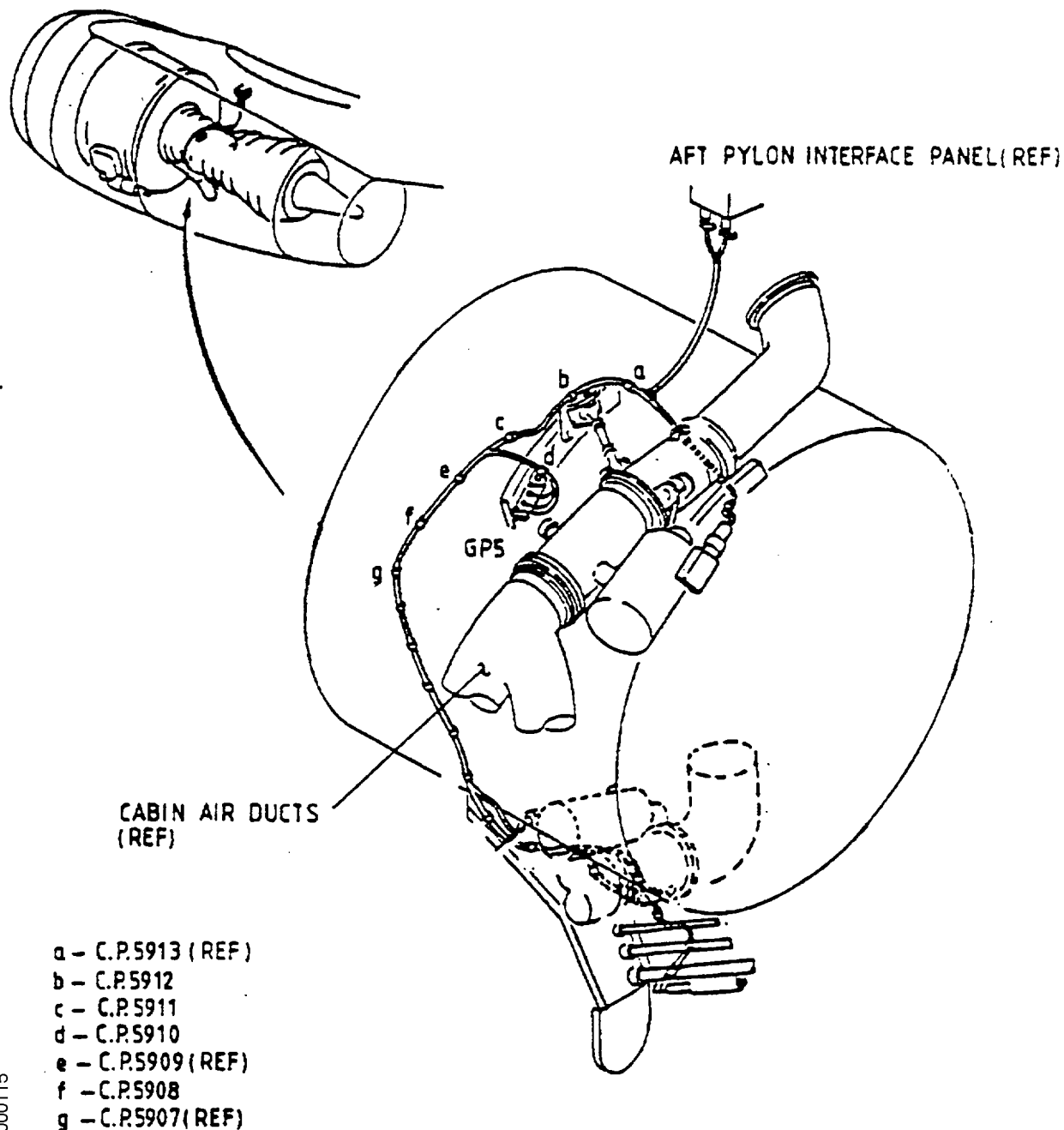
B. Rework or Modification Instructions

- (1) Remove an AS21407 bolt, an AS20624 nut, a SP154-D washer, and a TA027000-PH-07-WC 'P' clip from clipping point CP5912. Discard the bolt, nut, washer, and 'P' clip. (Refer to Figures 1 and 2.)
- (2) Remove an AS21407 bolt, an AS20624 nut, a SP154-D washer, and a TA027000-PH-07-WC 'P' clip from clipping point CP5911. Keep the bolt, nut, washer, and 'P' clip.
- (3) Remove an AS21407 bolt, an AS20624 nut, a SP154-D washer, and a TA027000-PH-07-WC 'P' clip from clipping point CP5908. Keep the bolt, nut, washer, and 'P' clip. (Refer to Figures 1 and 3.)
- (4) Remove an AS21407 bolt, an AS20624 nut, a SP154-D washer, and a TA027000-PH-03-WC 'P' clip from clipping point CP5910. Keep the bolt, nut, washer, and 'P' clip.
- (5) Install the AS21411 bolt, AS20624 nut, a SP154-D washer, TA027000-PH-03-WC 'P' clip and a ST1698-D47 spacer to clipping point CP5910. (Refer to Figure 3.) Torque the bolt to 40 lb-in. (4.52 N.m).

NOTE: Remove the 21T lacing tape from the cable loom, if necessary, to make the task easier.

- (6) Install the AS21407 bolt, AS20624 nut, SP154-D washer, and the TA027000-PH-07-WC 'P' clip (in the new configuration) to clipping point CP5908. Torque the bolt to 40 lb-in. (4.25 N.m). (Refer to Figure 3.)
- (7) Install the AS21407 bolt, AS20624 nut, SP154-D washer, and the TA027000-PH-07-WC 'P' clip (in the new configuration) to clipping point CP5911. (Refer to Figure 2.) Torque the bolt to 40 lb-in. (4.52 N.m).

V2500-NAC-71-0011



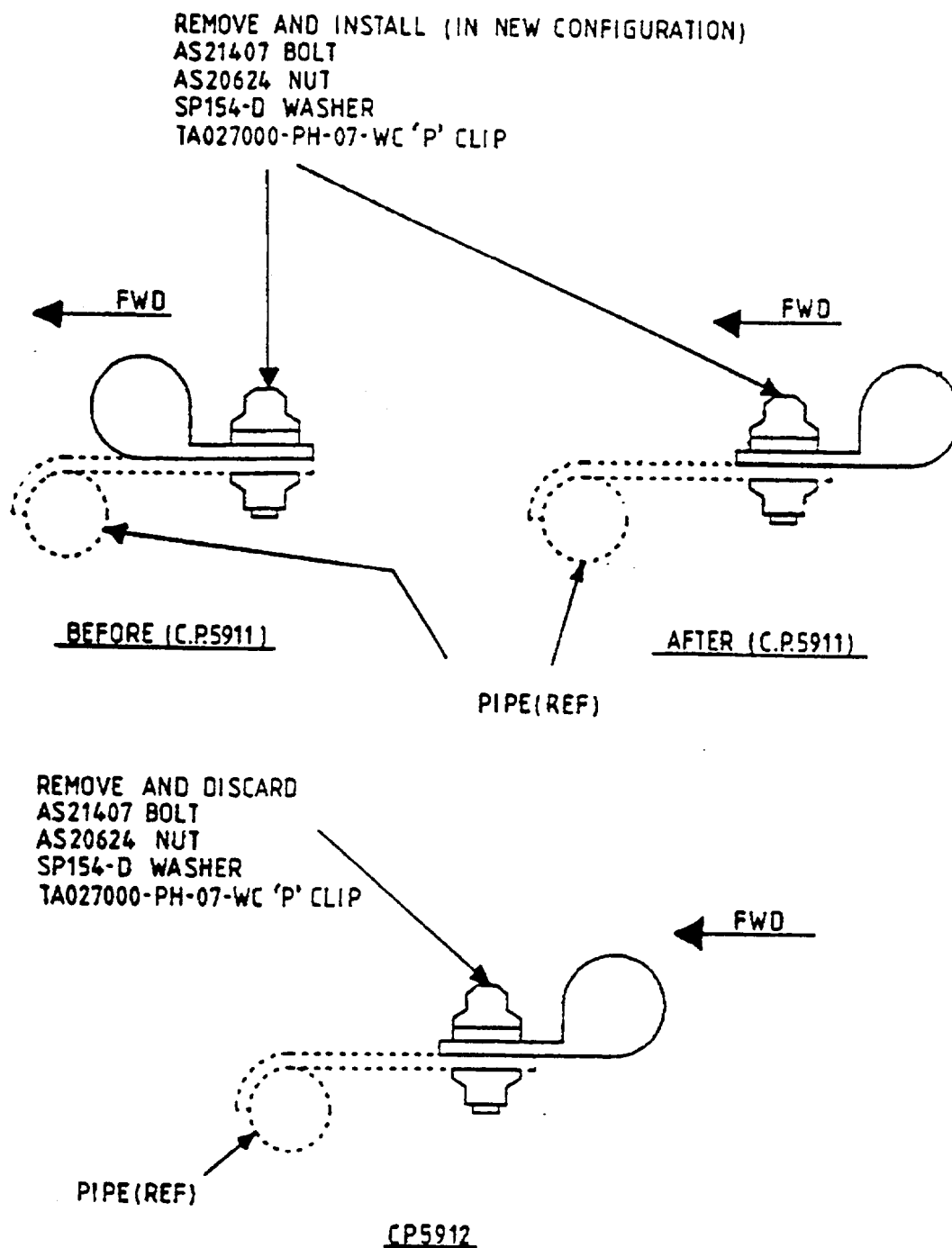
Location of Engine Core Harness Assembly Clipping Points
 Fig.1

V2500-NAC-71-0011



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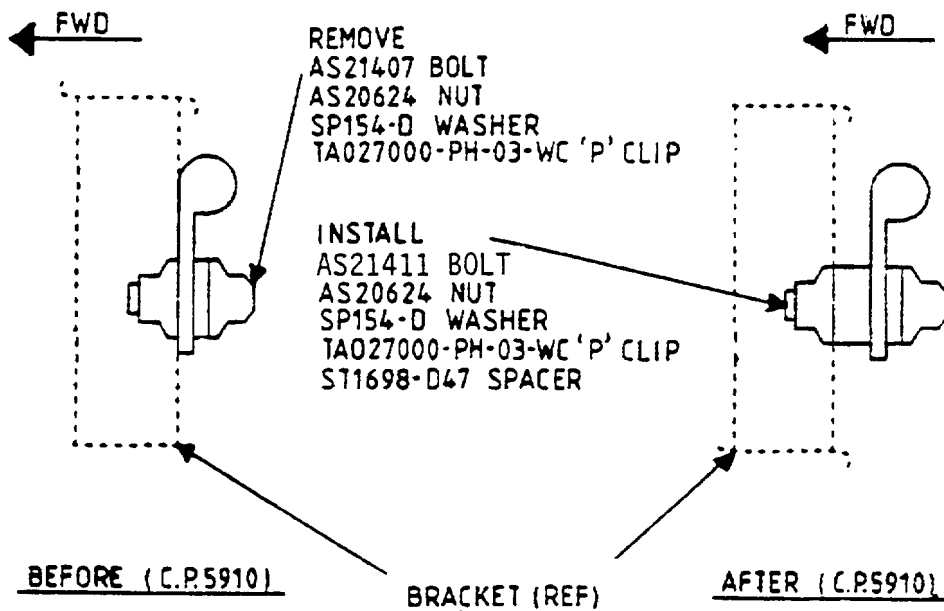
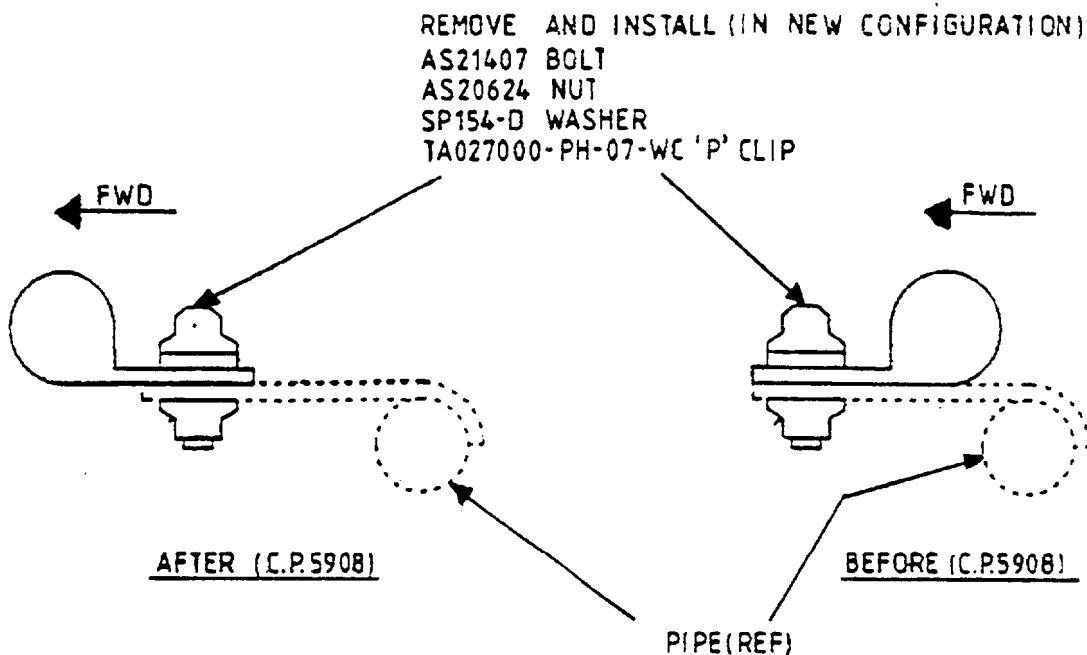


Before and after Views of the Clipping Point Changes to the Engine Core Harness Assembly
Fig.2

V2500-NAC-71-0011



SERVICE BULLETIN



Before and after Views of the Clipping Point Changes to the Engine Core Harness Assembly
Fig.3

V2500-NAC-71-0011



WARNING: DO NOT GET THE VARNISH ON YOUR SKIN AND ONLY USE IT IN AN AREA OPEN TO THE AIR. MAKE SURE THAT THE ENGINE IS COOL BEFORE YOU APPLY THE VARNISH. THE VARNISH HAS LOW FLASH POINT AND IS POISONOUS.

- (8) Safety the cable loom 21T lacing tape (if necessary) and apply MS996 silicone varnish to the tape.

C. Post-requisite Instructions

- (1) Close the thrust reverser halves as specified in the V2500 Aircraft Maintenance Manual, Task 78-32-00-410-010.

D. Recording Instructions

- (1) A record of accomplishment is necessary.



SERVICE BULLETIN

3. Material Information

NEW PN (ATA NO.)	QTY	EST'D UNIT PRICE (\$)	KEYWORD	OLD PN (IPC NO.)	INSTR/ DISPOS
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Applicability: For each V2500 Nacelle to incorporate this Bulletin.

A. Kits Associated with this Service Bulletin:

V2710011-551 1 Kit (A)
consisting of:

ST1698-D47 1 Spacer
AS21411 1 Bolt

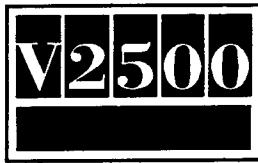
B. Parts Affected by this Service Bulletin:

--	Bolt	AS 21407	(1D)
(71-52-41)		(01-062)	
--	Nut	AS 20624	(1D)
(71-52-41)		(01-069)	
--	Washer	SP 154-D	(1D)
(71-52-41)		(01-064)	
--	'P' Clip	TA027000PH07WC	(1D)
(71-52-41)		(01-067)	
ST-1698-D47	Spacer	ST1698D50	(B)(1D)
(71-52-41)		(01-081)	
AS21411	Bolt	AS21407	(B)(1D)
(71-52-41)		(01-078)	

C. Instruction/Disposition Code Statements:

- (A) Kit is available.
- (B) New part supplied as detail of Kit.
- (1D) Discard old part number. (1 of each)

V2500-NAC-71-0011



SERVICE BULLETIN

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

Part Number -----	Keyword -----	Qty ---	Source -----	Vendor Code -----
21T	Lacing Tape	AN	RH Symonds 640 Great Cambridge Road Enfield Middlesex EN1 3RT Tel No. 01-336-4211	---
MS 996	Silicone Varnish	AN	Davidson and Hardy Ltd. 453 Antrim Road Belfast 15 Northern Ireland Tel No. 0232-781611	---

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V2500-NAC-71-0011

