

International
Aero Engines

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

NACELLE – POWERPLANT - REPLACEMENT OF FIRE DETECTOR CLAMPS

MODEL APPLICATION

V2500-A1
V2527-A5
V2530-A5

BULLETIN INDEX LOCATOR

26-00-00

COMPLIANCE CATEGORY CODE

6

INTERNAL REFERENCE No

MM/SM 95VN208/A

January 10, 2000

V2500-NAC-26-0013

Page 1 of 11



SERVICE BULLETIN

1. Planning Information

A. Effectivity

(1) Aircraft:

- (a) Airbus A320
- (b) Airbus A321

(2) Engine:

- (a) All V2500-A1 Engine Build-up Units.
- (b) V2527-A5 Engine Build-up Units prior to 167.
- (c) V2530-A5 Engine Build-up Units prior to 167.

B. Reason

(1) Condition

Excessive wear has been found on the insulation on the clamps that support the Core Fire Detector.

(2) Background

There have been several reports from Operators indicating excessive wear of the Core Fire Detector clamps. In some instances the insulation has worn through.

(3) Objective

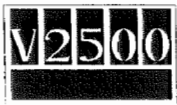
To introduce new clamps with improved durability characteristics to maintain engine reliability.

(4) Substantiation

Not applicable.

(5) Effect of Bulletin on:

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



SERVICE BULLETIN

(6) Supplemental Information

None.

C. Description

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

The clamps that support the Core Fire Detector are replaced with new, more durable clamps.

D. Approval

The technical content of this Service Bulletin has been approved under DGAC (Direction Generale de L'Aviation Civile - France) Design Organisation Approval.

E. Compliance

Category 6

Accomplish when the Nacelle subassembly (i.e., accessories, components) is disassembled sufficiently to afford access to the affected part and to all affected spare parts.

F. Manpower

Estimated man-hours to incorporate the full intent of this Service Bulletin:

VENUE

ESTIMATED MANHOURS

(1) At Overhaul

1.0 M/Hrs

Total 1.0 M/Hrs

NOTE: Manhours are provided for planning purposes only. No labor reimbursement is provided under the terms of this service bulletin offering.

G. Material Cost and Availability

Modification kit not required. Refer to Section 3, Material Information, for information concerning the availability of new parts.

H. Tooling - Cost and Availability

None required.



International
Aero Engines

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

I. Weight and Balance

- (1) Weight change..... None
- (2) Moment arm..... None
- (3) Datum..... Engine Front Mount Centerline
(Powerplant Station PPS 100.00)

J. Electrical Load Data

Not affected.

K. References

Publication

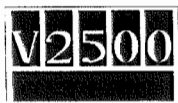
Service Bulletin V2500-NAC-71-0145

L. Other Publications Affected

Publication

Chapter/Section

A320/V2500-A1 Powerplant Illustrated Parts Catalog (All Variants)	26-12-17
A319/A320/A321/V2500-A5 Powerplant Illustrated Parts Catalog (All Variants)	26-12-17
A320/V2500-A1 Engine Illustrated Parts Catalog (All Variants)	26-12-17
A319/A320/A321/V2500-A5 Engine Illustrated Parts Catalog (All Variants)	26-12-17



SERVICE BULLETIN

2. Accomplishment Instructions

A. Pre-requisite Instructions

- (1) None.

B. Rework/Modification Instructions

Part A For all V2530-A5 Engine Build-up Units prior to 167 and V2500-A1 Engine Build-up Units 277 to 361. Also V2500-A1 Engine Build-up Units prior to 277 that have incorporated Service Bulletin V2500-NAC-71-0145.

- (1) At Clipping Points CP5501, CP5502 and CP5503 install the C10GT3-08 Clamp Assembly to the Fire Detector and the 740-5035-501 Bracket with an AS21408 Bolt, an SP155-D Washer and an AS20624 Nut. Refer to Figure 1, sheet 1 and sheet 2.
- (2) At Clipping Point CP5500 install the C10GT3-08 Clamp Assembly to the Fire Detector and the 740-5034-503/505 Bracket with an AS21408 Bolt, an SP155-D Washer and AS20624 Nut.
- (3) At Clipping Point CP5723 install the C10GT3-08 Clamp Assembly to the Fire Detector and the 'J' Blade (attached to the JAEC Pipe) with a 4W0127 Bolt, the LK56556 and LK67295 Spacers, and a 4W0001 Nut. Refer to Figure 1, sheet 1 and sheet 3.
- (4) Torque the Nuts to 36 to 45 lbfin (4 to 5 Nm).

Part B For V2530-A1 Engine Build-up Units prior to 277 that have **not** incorporated Service Bulletin V2500-NAC-71-0145.

- (1) Do steps (1) thru (3) from Part A.
- (2) At Clipping Point CP5722 install the C10GT3-08 Clamp Assembly to the Fire Detector and the 'J' Blade (attached to the JAEC Pipe) with an AS21408 Bolt, an SP155-D Washer and an AS20624 Nut. Refer to Figure 1, sheet 1 and sheet 4.
- (3) Torque the Nut to 36 to 45 lbfin (4 to 5 Nm).

C. Post-requisite Instructions

None.

D. Recording Instructions

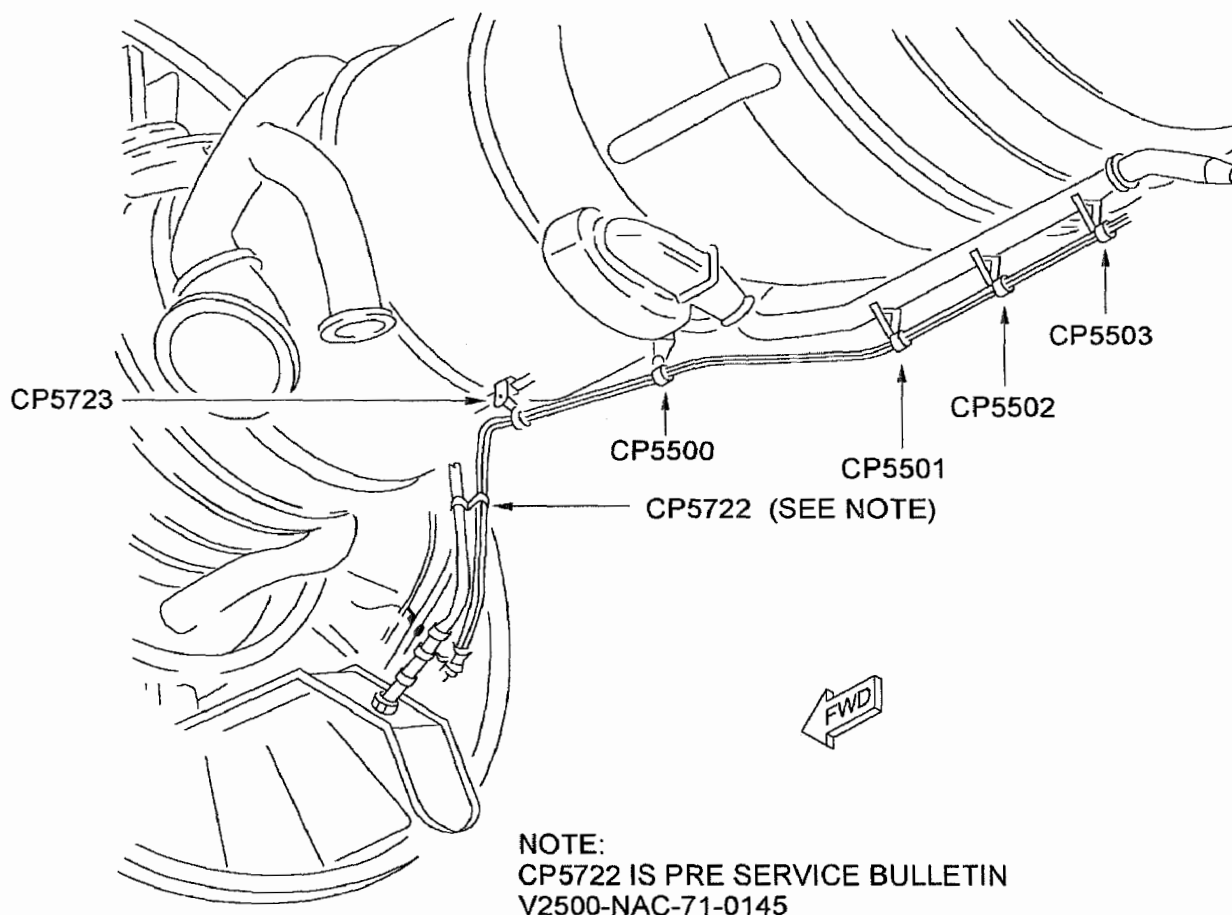
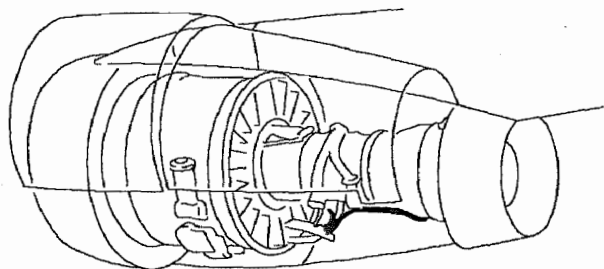
- (1) A record of accomplishment is necessary. Write in the Aircraft Log that Service Bulletin V2500-NAC-26-0013 has been done.



International
Aero Engines

V2500 Propulsion System — Nacelle

SERVICE BULLETIN



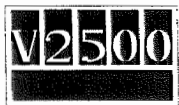
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ROUTING OF THE CORE FIRE DETECTOR
FIGURE 1, SHEET 1 OF 4

January 10, 2000

V2500-NAC-26-0013

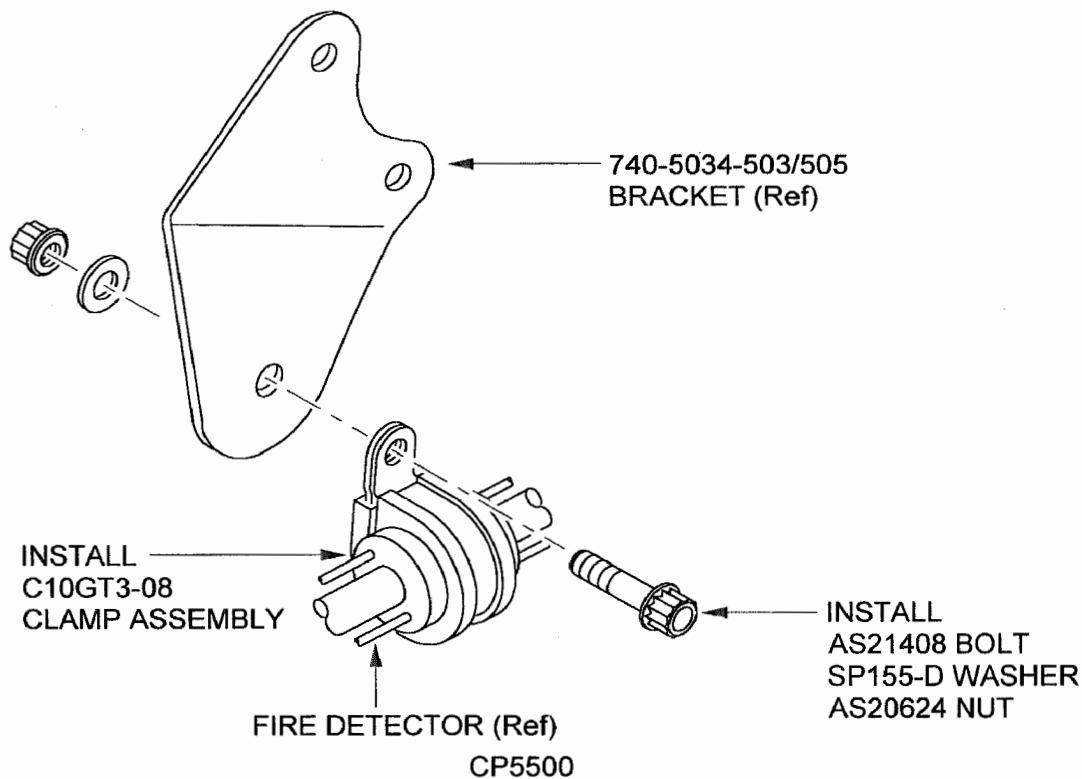
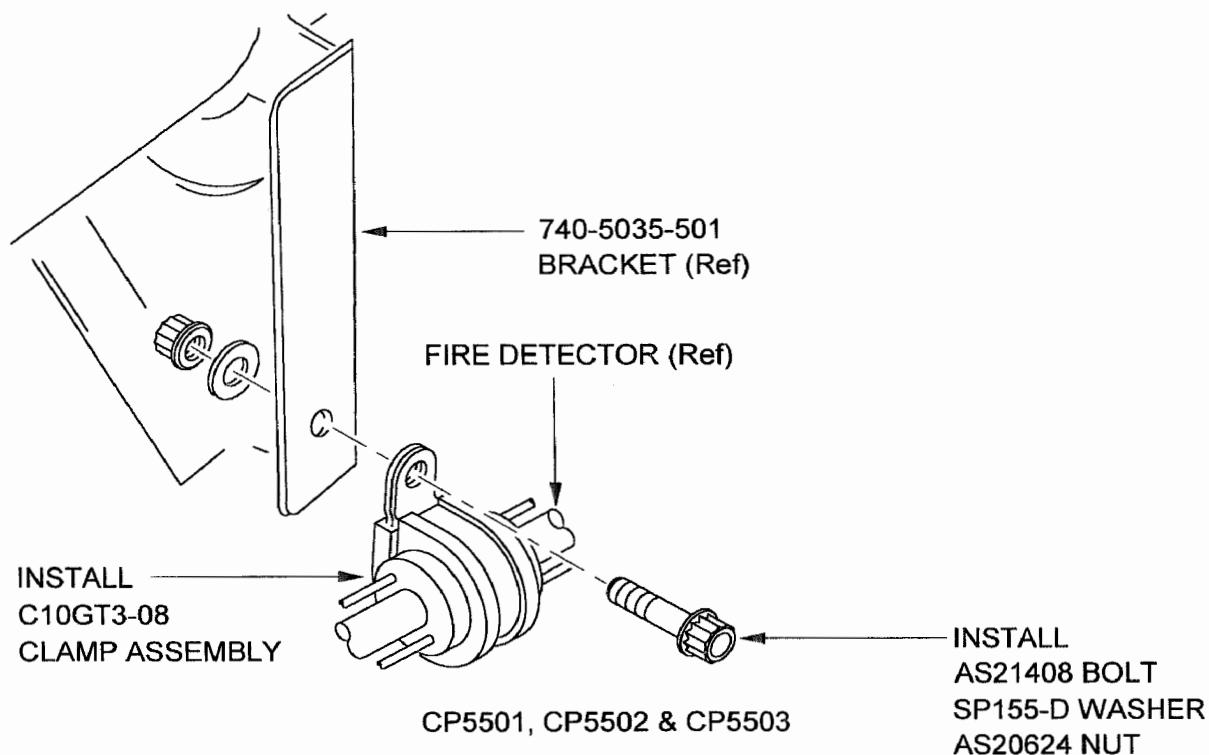
Page 6



International
Aero Engines

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

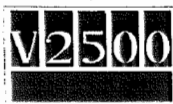


CLIPPING OF THE CORE FIRE DETECTOR
FIGURE 1, SHEET 2 OF 4

January 10, 2000

V2500-NAC-26-0013

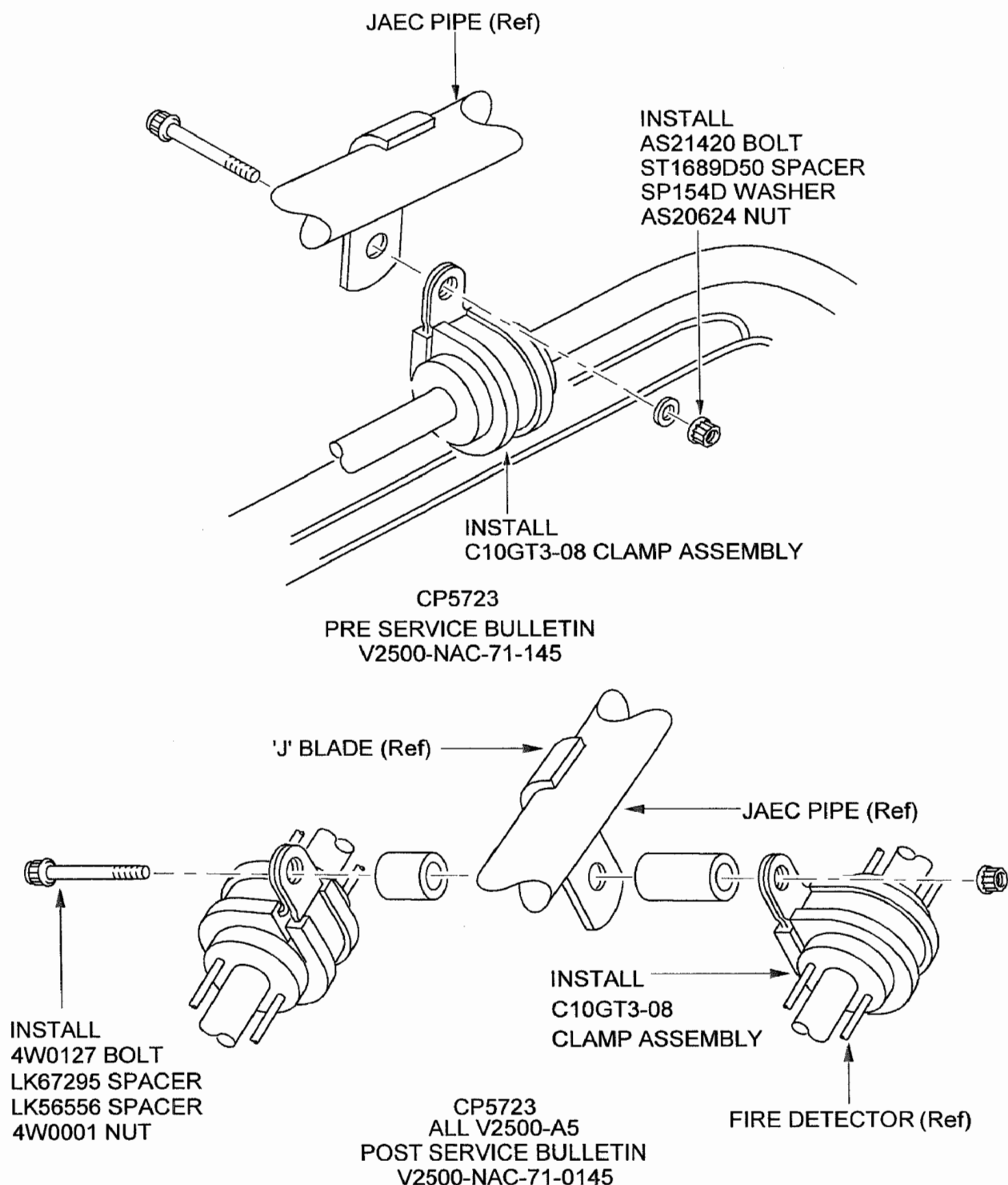
Page 7



International
Aero Engines

V2500 Propulsion System — Nacelle

SERVICE BULLETIN



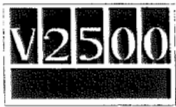
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CLIPPING OF THE CORE FIRE DETECTOR
FIGURE 1, SHEET 3 OF 4

V2500-NAC-26-0013

January 10, 2000

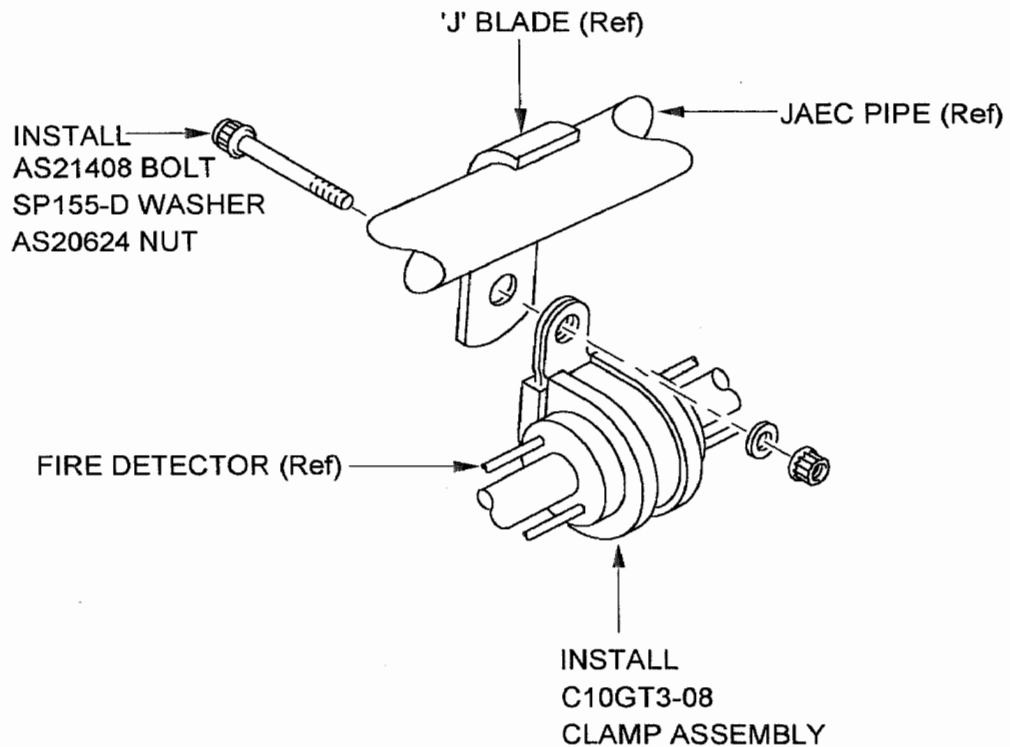
Page 8



International
Aero Engines

V2500 Propulsion System — Nacelle

SERVICE BULLETIN



CP5722

(PRE SERVICE BULLETIN V2500-NAC-71-0145)

CLIPPING OF THE CORE FIRE DETECTOR
FIGURE 1, SHEET 4 OF 4

January 10, 2000

V2500-NAC-26-0013

Page 9

v25nac26-0013-09.iso



**International
Aero Engines**

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

3. Material Information

NEW PART No (ATA No)	QTY	EST'D UNIT PRICE (\$)	KEYWORD	OLD PART No (IPC No)	INSTR/ DISPOS
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Applicability: For each V2500-A1 or V2500-A5 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin

None

B. Parts affected by this Bulletin

C10GT3-08 (26-12-17)	1	.Clamp Assembly CP5503	---	(A)
C10GT1-08 (26-12-17)	1	..Clamp CP5503	(01-126) 471-8	(1D)(S1)
C10GT2-08 (26-12-17)	2	..Clamp Sleeve CP5503	(01-127) BACC10GT2-08	(1D)(2D)
C10GT1-08 (26-12-17)	1	..Clamp CP5503	(01-128) 471-8	(S1)(S2)
C10GT2-08 (26-12-17)	2	..Clamp Sleeve CP5502	(01-133) BACC10GT2-08	(1D)(S1)
C10GT3-08 (26-12-17)	1	..Clamp Sleeve CP5502	(01-134) ---	(1D)(2D)
C10GT1-08 (26-12-17)	1	.Clamp Assembly CP5502	(01-138) 471-8	(S1)(S2)
C10GT2-08 (26-12-17)	2	..Clamp CP5501	(01-141) BACC10GT2-08	(A)
C10GT3-08 (26-12-17)	1	..Clamp Sleeve CP5501	(01-142) ---	(1D)(S1)
C10GT1-08 (26-12-17)	1	..Clamp CP5500	(01-146) 471-8	(1D)(2D)
C10GT2-08 (26-12-17)	2	..Clamp Sleeve CP5500	(01-149) BACC10GT2-08	(S1)(S2)
C10GT3-08 (26-12-17)	1	..Clamp CP5500	(01-150) ---	(A)
C10GT1-08 (26-12-17)	1	..Clamp CP5500	(01-154) ---	(A)
C10GT2-08 (26-12-17)	2	..Clamp CP5500	(01-158) 471-8	(1D)(S1)
C10GT3-08 (26-12-17)	1	..Clamp CP5723	(01-159) BACC10GT2-08	(1D)(2D)
C10GT1-08 (26-12-17)	1	..Clamp CP5723	(01-160) 471-8	(S1)(S2)
C10GT2-08 (26-12-17)	2	..Clamp CP5722	(01-165) BACC10GT2-08	(1D)(S1)
C10GT3-08 (26-12-17)	1	..Clamp CP5722	(01-166) ---	(1D)(2D)
C10GT1-08 (26-12-17)	1	..Clamp CP5722	(01-170) ---	(S1)(S2)
C10GT2-08 (26-12-17)	2	..Clamp CP5722	(01-170) ---	(A)
C10GT3-08 (26-12-17)	1	..Clamp CP5722	(01-170) ---	(A)



**International
Aero Engines**

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

C. Instructions/Dispositions Code Statements

- (A) New part is currently available.
- (1D) Discard old part.
- (2D) Quantity changed from one to two.
- (S1) Indentation level of new part numbers coded (S1) has changed from two dots to one dot.
- (S1) New part numbers coded (S1) are not spareable.
- (S2) Part number amended to reflect correct part number. No physical or functional difference between old and new part numbers.

NOTE: The estimated 1999 Unit Price shown is provided for planning purposes only and does not constitute a firm quotation. Consult the Rohr Price Catalog or contact Rohr's Spares Parts Sales Department for information concerning firm prices.

January 10, 2000

V2500-NAC-26-0013

Page 11