POWER PLANT - ENGINE - POWERPLANT - INTRODUCE A SPACER AT CLIPPING POINT CP0809 - CATEGORY CODE 6 - MOD.ENG-71-0066

1. Planning Information

A. Effectivity

(1) Airplane: Airbus A320

(2) Engine: V2500-A1 Engines

(a) Engine Build-up Units.

The intent of this Service Bulletin was incorporated at the manufacturer on Engine Build-up Units (EBU) Serial No. 131 and on.

The following EBU Serial Numbers were not changed at the manufacturer. They can be modified by incorporating this Service Bulletin.

EBU
Serial No
1-130

B. Reason

(1) Condition

Minimum clearance has been observed between the general services harness and flange 'A' on the engine fan case at clipping point CP0809.

(2) Background

The lack of clearance was discovered during assembly in production.

(3) Objective

To provide adequate clearance and so maintain engine reliability.

(4) Substantiation

Mock-up fit check verification showed incorporation of the change introduced by this Service Bulletin to be satisfactory.

(5) Effect of Bulletin on:

(a)	Removal/Installation	Affected (See Supplemental Information)
(b)	Disassembly/Assembly	Not affected
(c)	Cleaning	Not affected
(d)	Inspection/Check	Not affected
(e)	Repair	Not affected
(f)	Testing	Not affected

(6) Supplemental Information

The Removal/Installation will be revised to include the change introduced by this Service Bulletin.

C. Description

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

(a) A spacer is added at clipping point CP0809. The existing bolt is removed and replaced with a longer bolt.

D. Approval

The technical content of this Service Bulletin is covered by an Airbus Industrie Modification No. TBD which is under DGAC (Direction Generale de L'Aviation Civile - France) approval.

E. Compliance

Category 6

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

F. Manpower

Estimated manhours to incorporate the full intent of this Service Bulletin:

VENUE	ESTIMATED MANHOURS
(1) In Service	Not applicable

(2) At Overhaul(Note: The parts affected by this Service Bulletin are accessible at Overhaul)

(a) To embody.....M/Hrs

Total M/Hrs

G. Material Cost and Availability

Modification kit not required.

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

(1) Internal Reference No.

89VN165

L. Other Publications Affected

V2500 Powerplant Illustrated Parts Catalog 71-51-42
V2500 Engine Illustrated Parts Catalog 71-51-42

2. Accomplishment Instructions

A. Rework Instructions

None.

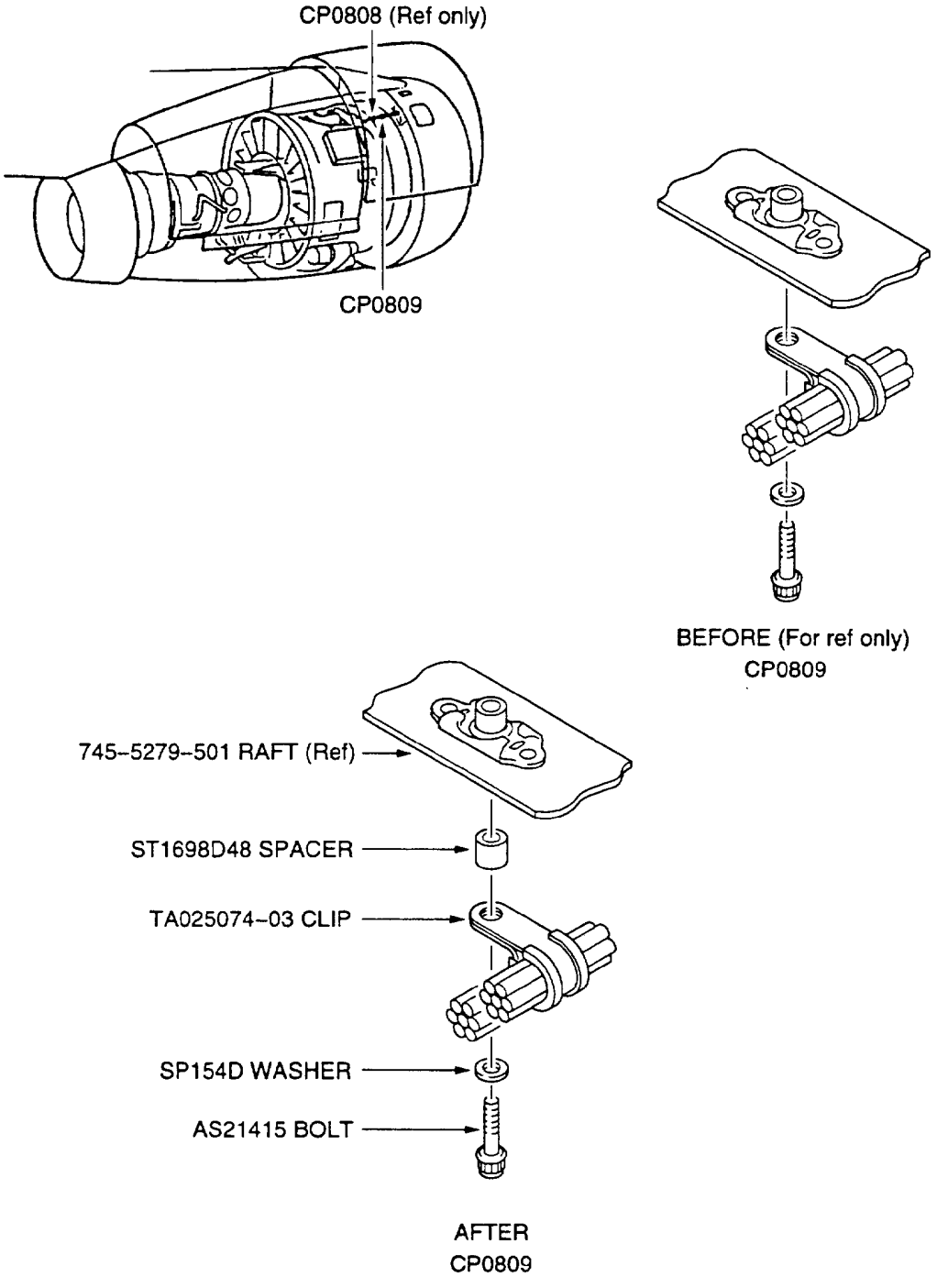
B. Assembly Instructions

(1) Assemble clipping CP0809 to 740-5182-501 raft assembly as shown with an AS21415 bolt, SP154D washer, TA025074-03 clamp and an ST1698D48 spacer (Refer to Figure 1.)

(2) Torque the AS21415 bolt 36 to 45 lbfin (4 to 5 Nm)

C. Recording Instructions

(1) A record of accomplishment is necessary.



MODIFICATION OF CLIPPING POINT CP0809
Fig.1

NEW PART No (ATA No)	QTY	EST'D UNIT PRICE ($)	KEYWORD	OLD PART No (IPC No)	INSTR/ DISPOS
AS21415 (71-51-42)	1		Bolt, bi-hex	AS21408 (01-094)	(A)(B) (S1)
ST1698D48 (71-51-42)	1		Spacer	--- (01-099)	(A)(S1)

Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin

None.

B. Parts affected by this Bulletin:

C. Instructions/Dispositions Code Statements

(A) New part currently available.

(B) Old part can be used up on other applications.

(S1) New parts coded (S1) must replace old parts coded (S1) as a complete set per engine.