



## SERVICE BULLETIN

OIL - ENGINE- FANCASE - REPLACE IDG POWER CABLE SUPPORT BRACKETS - CATEGORY CODE 6 -  
MOD.ENG-79-0038

NOTE: This Service Bulletin is issued for part number progression history only. It is not intended to be incorporated or kit parts ordered from the manufacturer. The intent of this modification is accomplished by the incorporation of Service Bulletin V2500-ENG-79-0045.

# 1. Planning Information

## A. Effectivity

- (1) Aircraft: (a) Airbus A320  
(b) Airbus A321
- (2) Engine: (a) V2522-A5 Engines Prior to V10088  
(b) V2524-A5 Engines Prior to V10088  
(c) V2527-A5 Engines Prior to V10088  
(d) V2530-A5 Engines Prior to V10088

## B. Reason

### (1) Condition

Insufficient clearance may exist between the IDG power cable support bracket and the EEC harness.

### (2) Background

This condition has been observed during assembly of production engines. A review of the existing installation has shown the need to replace the IDG cable support brackets to obtain the necessary clearance.

### (3) Objective

To ensure adequate clearance is maintained between the IDG power cable support bracket and the EEC harness.

### (4) Substantiation

Not applicable.

### (5) Effect of Bulletin on:

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|                          |              |
|--------------------------|--------------|
| (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 |

## (6) Supplemental Information

None.

C. Description

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

A new bracket and bracket support is introduced to replace the existing IDG power cable bracketry at Clipping point CP0888.

D. Approval

The technical content of this Service Bulletin is covered by an Airbus Industrie Modification 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 intent of this Service Bulletin on each engine;

VENUE

ESTIMATED MANHOUR

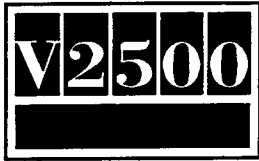
(1) In shop

(a) To embody.....Not applicable (Parts are accessible at overhaul)

G. Material Cost and Availability

Modification Kit not required. Parts supplied as single line items.

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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<br>(Powerplant Station PPS 100.00) |

J. Electrical Load Data

Not affected.

K. References

- (1) Internal Reference No.  
  
93VN105

L. Other Publications Affected

| Publication   | Chapter/Section |
|---|-----------------|
| A320/A321/V2500-A5 Powerplant Illustrated Parts Catalog (PIP-V2500-2IA) | 79-21-42        |
| A320/V2500-A5 Engine Illustrated Parts Catalog (S-V2500-2IA)            | 79-21-42        |
| A320/V2500-A1/A320/A321/V2500-A5 Engine Manual (E-V2500-1IA)            | 72-00-32        |



## 2. Accomplishment Instructions

### A. Rework Instructions

None

### B. Assembly Instructions

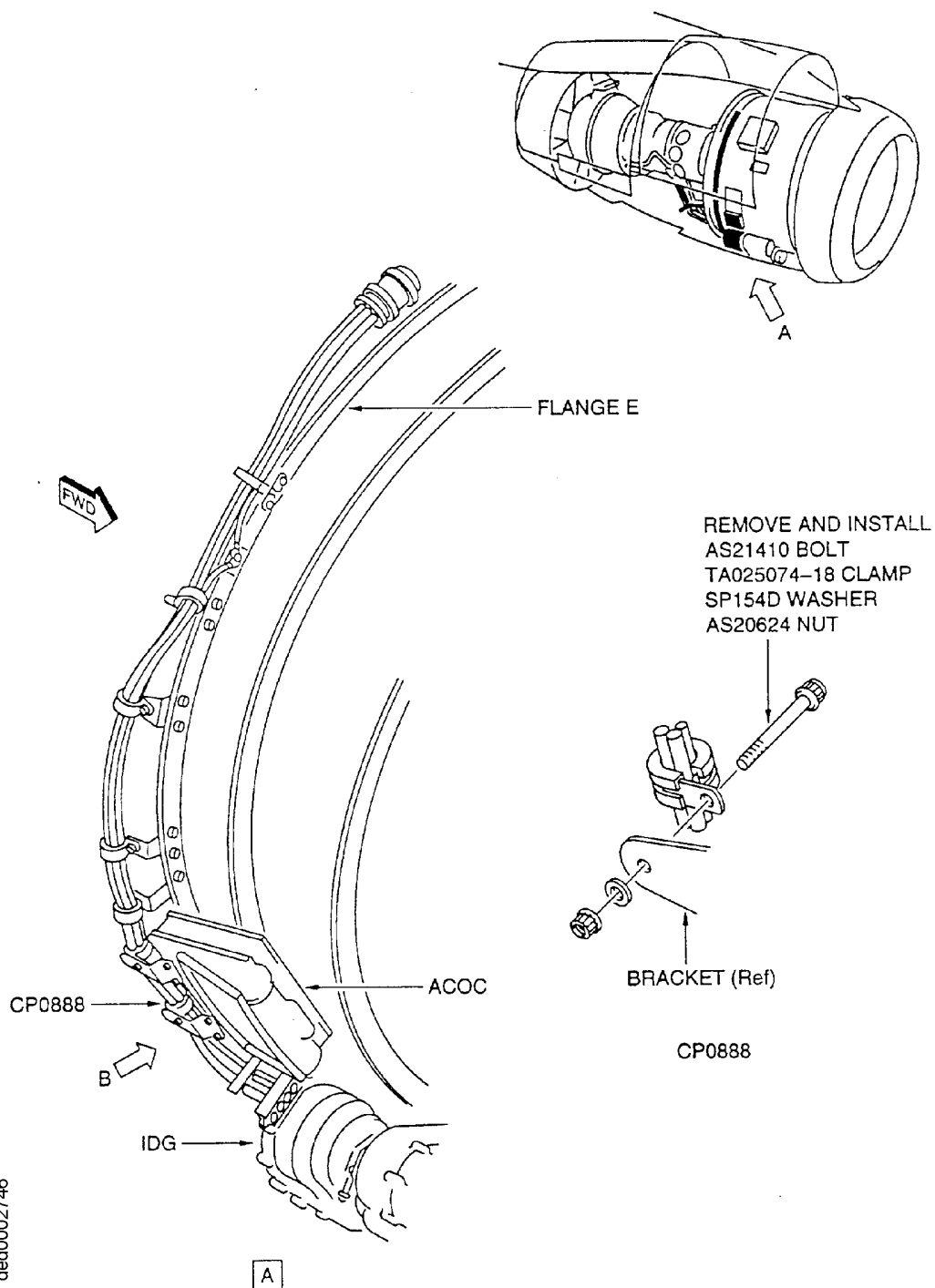
- (1) Install the new 745-5951-501 Bracket as shown with two 4W0169 Bolts and two MS9321-10 Washers. (Refer to Figures 1 and 2). Torque the bolts to 85 to 105 lbf in (10 to 12 Nm).
- (2) Install the new 745-5980-501 Bracket as shown with a 4W0169 Bolt, MS9321-10 Washer, 4W0002 Nut, AS21408 Bolt and an AS20624 Nut. Torque the bolts to 36 to 45 lbf in (4 to 5 Nm).
- (3) Assemble clipping point CP0888 as shown with a AS20624 Nut, AS21410 Bolt, SP154D Washer and TA025074-18 clamp. Torque the nut to 20 to 25 lbf in (2 to 3 Nm).

### C. Recording Instructions

Not applicable.

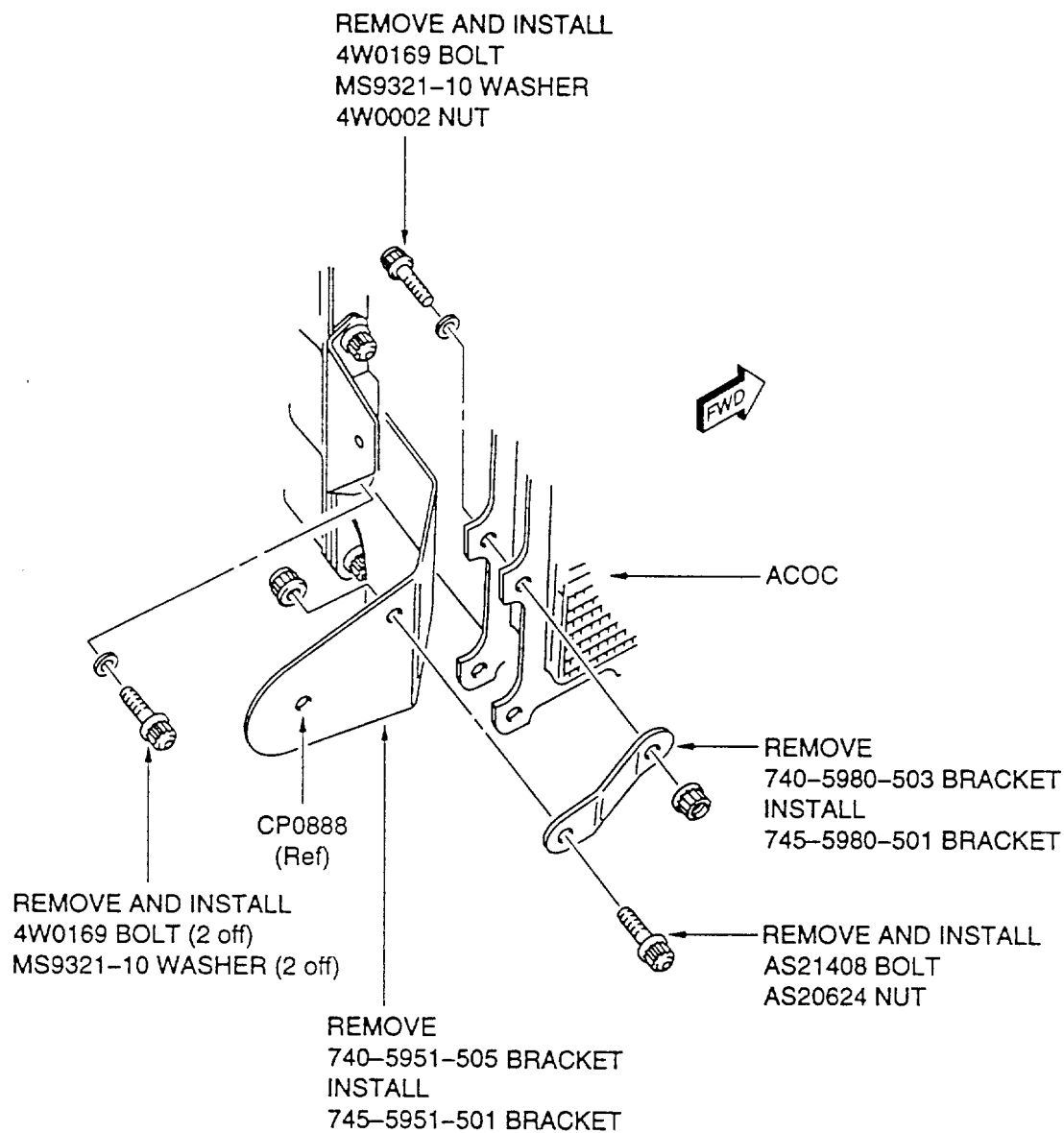


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Installation of new IDG cable support brackets  
Fig.1 (Sheet 1)

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B

Installation of new IDG cable support brackets  
Fig.1 (Sheet 2)

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3. Material Information

Applicability: For each V2500-A5 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin

None.

B. Parts affected by this Bulletin

| NEW<br>PART No<br>(ATA No) | QTY | EST'D<br>UNIT<br>PRICE (\$) | KEYWORD          | OLD<br>PART No<br>(IPC No) | INSTR/<br>DISPOS |
|----------------------------|-----|-----------------------------|------------------|----------------------------|------------------|
| 745-5951-501<br>(79-21-42) | 1   |                             | .Bracket         | 740-5951-505<br>(01-230)   | (A)(S1)          |
| 745-5980-501<br>(79-21-51) | 1   |                             | .Bracket,Support | 740-5980-503<br>(01-070)   | (A)(S1)          |

C. Instructions/Disposition Code Statements

(A) New part currently available.

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

NOTE: The estimated 1997 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.

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