



AIR - PROVIDE REVISED MATERIAL TUBE CLIP AT CLIPPING POINT LOCATION CP5776 - CATEGORY
CODE 4 - MOD.ENG-75-0004

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engines. Serial No.'s V0014 through V0085.

B. Reason

(1) Condition

The existing rubber cushion clip attached to the Bearing Compartment Cooling and Sealing Tube at CP5776, could be affected by the high temperatures in the Core Engine Zone.

This could result in ineffective clipping for the Tube.

(2) Background

A review of the clip at CP5776 has shown that the glass-wool cushion clip will increase durability over the existing clip.

(3) Objective

To incorporate the change introduced by this Service Bulletin to increase the durability of the clip.

(4) Substantiation

Substantiation test is not required.

(5) Effect of Bulletin on workshop procedure:

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

(6) Supplemental Information

None

V2500-ENG-75-0004

**C. Description**

(1) The changes introduced by this Service Bulletin are as follows:

(a) The clip at CP5776 has been changed from the Adel clip to the TA-clip to increase the durability. (see Figure 1.)

(2) New clip will be available for future replacement purposes.

D. Approval

The Part Number changes and/or part modifications described in Sections 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. Compliance

Category Code 4.

Accomplish at the first visit of an engine or module to a maintenance base capable of compliance with the accomplishment instructions regardless of the planned maintenance action or the reason for engine removal.

F. Manpower

Estimated Manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In service	Not applicable
(2) At overhaul	Not applicable

G. Material – Price and Availability

(1) Modification Kit is not required. Parts are supplied as single line items.

(2) See "Material Information" section for prices and availability of future spares.

H. Tooling – Price and Availability

Speical tools are not required to accomplish this Service Bulletin.

I. Weight and Balance

(1) Weight change	None
(2) Moment arm	No effect

V2500–ENG–75–0004



(3) Datum

Engine front mount centerline
(Power Plant Station (PPS) 100)

J. Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

K. References

(1) Internal Reference No.

EC88VJ710

(2) Other References

Aircraft Maintenance Manual, 71-13-00, Maintenance Practices, 78-32-00,
Maintenance Practices, 70-23-11, Torque Tightening Technique.

L. Other Publications Affected

(1) V2500 power Plant Illustrated Parts Catalog, 75-22-49.

(2) V2500 Engine Illustrated Parts Catalog, 75-22-49.



2. Accomplishment Instructions

A. Pre-requisite Instructions

- (1) Open the Right Fan Cowl. (Refer to the Aircraft Maintenance Manual, 71-13-00, Maintenance Practices, TASK 71-13-00-010-010).
- (2) Open the Right Thrust Reverser Half. (Refer to the Aircraft Maintenance Manual, 78-32-00, Maintenance Practices, TASK 78-32-00-010-010).

B. Rework Instructions

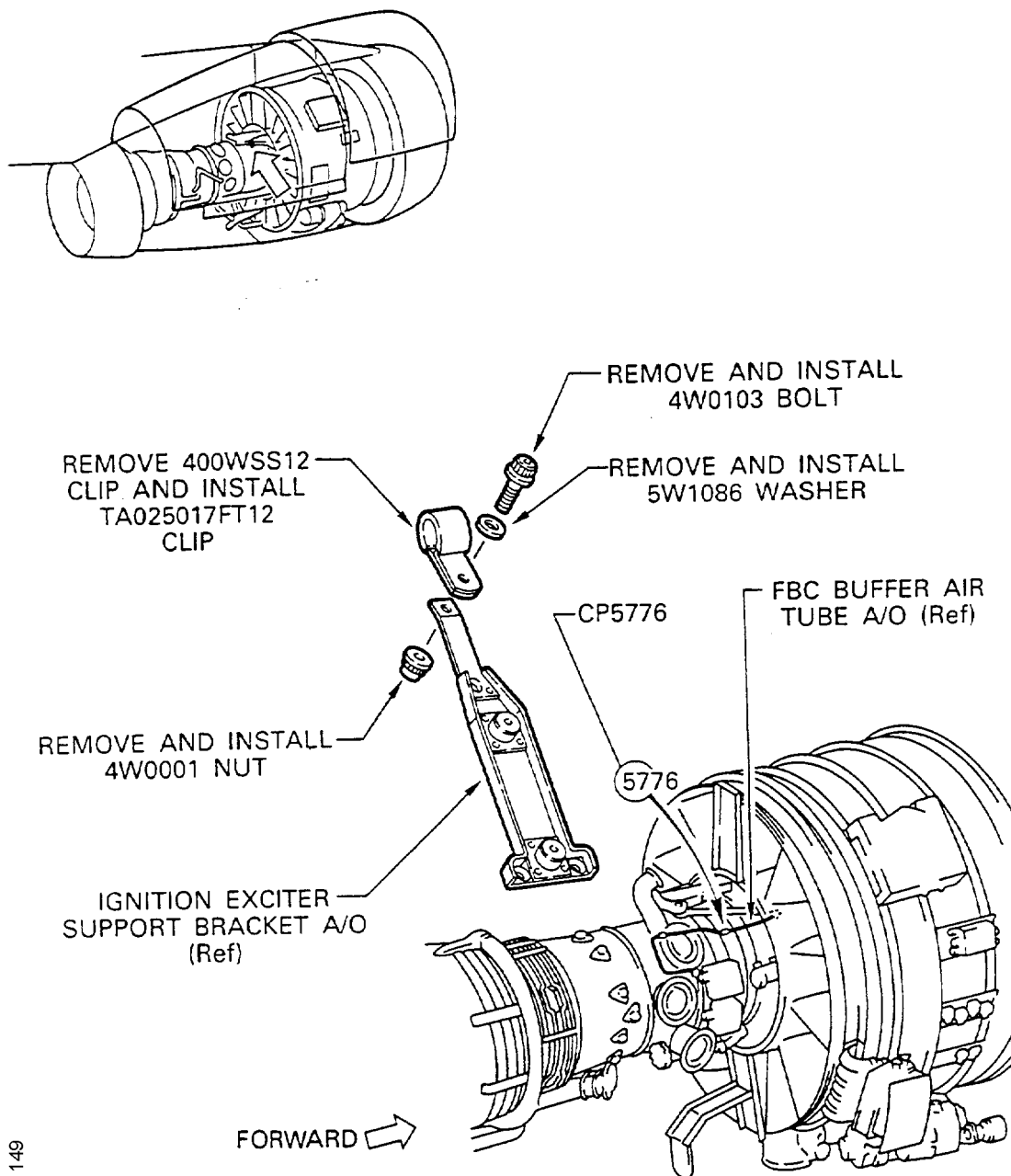
- (1) Find clipping point CP5776 which safeties the FBC Buffer Air Tube A/O. (Refer to Figure 1.)
- (2) At CP5776, remove PN 4W0001, Nut, PN 4W0103, Bolt, PN 5W1086, Washer and PN 400WSS12, Clip from the FBC Buffer Air Tube A/O and the Ignition Exciter Support Bracket A/O. (Refer to Figure 1.)
- (3) At CP5776, Install new PN TA025017FT12, Clip, PN 5W1086, Washer, PN 4W0103, Bolt and PN 4W0001, Nut to the FBC Buffer Air Tube A/O and the Ignition Exciter Support Bracket A/O. (Refer to Figure 1.)
- (4) At CP5776, Torque the Nut to 36 – 40 lbfin (4,07 – 4,52 Nm). (Refer to The Aircraft Maintenance Manual, 70-23-11, Torque Tightening Technique.)

C. Post-requisite Instructions

- (1) Close the Right Thrust Reverser Half. (Refer to the Aircraft Maintenance Manual, 78-32-00, Maintenance Practices, TASK 78-32-00-410-010.)
- (2) Close the Right Fan Cowl. (Refer to the Aircraft Maintenance Manual, 71-13-00, Maintenance Practices, TASK 71-13-00-410-010.)

D. Recording Instructions

- (1) A record of accomplishment is necessary.



ded0001149

Replacement of the clip at clipping point CP5776
Fig.1

V2500-ENG-75-0004



SERVICE BULLETIN

3. Material Information

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
------------------------------	-----	-----------------------------	---------	------------------------------	-----------------------------

Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with this Bulletin:

None

B. Parts affected by this Bulletin:

TA025017	1	10.50	Clip, Loop Type	400WSS12	(A)(B)(S1)
FT12			(CP5776)	(11-144)	
(75-22-49)					

C. Instruction/Disposition Code Statements:

- (A) New part is currently available for sale.
- (B) Old part continue to be available for sale on other applications.
- (S1) Old and new part is not freely and fully interchangeable, either physically or functionally.

NOTE: The Estimated 1989 Unit Prices shown are provided for planning purposes only and do not constitute a firm quotation.
Contact IAE's Spare Parts Sales Department for information concerning firm prices.

Printed in Great Britain

V2500-ENG-75-0004