



POWER PLANT - ENGINE - POWERPLANT - INTRODUCE REVISED CLIPPING REQUIREMENTS AT CLIPPING
POINT CP1092 - CATEGORY CODE & - MOD.ENG-71-0105

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engine prior to Serial Numbers V0252

B. Reason

(1) Condition

Bending of Lugs on Scavenge Oil Tube and rotation of clipping at CP1092 which holds the EEC Fan Harness could occur. This could potentially cause the chafing of harness.

(2) Background

This condition has been observed during assembly of production engines. A review of the existing harness clippings has shown the need for the strengthened lugs on Scavenge Oil Tube and the change of clipping configuration at CP1092.

(3) Objective

The change in configuration recommended in this Service Bulletin is designed to maintain the engine reliability.

(4) Substantiation

Substantiation test is not required.

(5) Effect of Bulletin on workshop procedure:

Removal/Installation	Affected (See supplemental Information)
Disassemble/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Not affected
Repair	Not affected
Testing	Not affected

(6) Supplemental Information

The removal/Installation of the Post-Service Bulletin configuration is affected due to a new clipping configuration at CP1092.

V2500-ENG-71-0105

**C. Description**

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

- (a) A New Scavenge Oil Tube A/O which has the strengthened six lugs has been introduced (See Figure 1).
- (b) With new configuration of the Scavenge Oil Tube A/O, the clipping configuration at CP1092 is changed (See Figure 2).

(2) New Scavenge Oil Tube 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 7

Accomplish when supply of superseded parts has been depleted.

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 supplied as single line items.
- (2) See "Material Information" section for prices and availability of future spares.

H. Tooling – Price and Availability

Special tools are not required to accomplish this Service Bulletin.

I. Weight and Balance

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

V2500–ENG–71–0105



SERVICE BULLETIN

- (3) Datum Engine front mount centerline
(Powerplant Station (P.P.S.) 100)

J. Electrical Load Data

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

K. References

- (1) Internal Reference No.

EC88VJ702A

- (2) Other References

V2500 Engine Illustrated Parts Catalog, Chapter/Section 71-51-41 and 79-22-49.

V2500 Engine Manual, 72-00-32, Installation.

L. Other Publications Affected

- (1) V2500 Power Plant Illustrated Parts Catalog, Chapter/Section 71-51-41 and 79-22-49.
- (2) V2500 Engine Illustrated Parts Catalog, Chapter/Section 71-51-41 and 79-22-49.
- (3) V2500 Engine Manual, 72-00-32, LP Compressor/Intermediate Case Module - Removal-03, Installation-03 and -04.

V2500-ENG-71-0105



2. Accomplishment Instructions

A. Rework Instructions

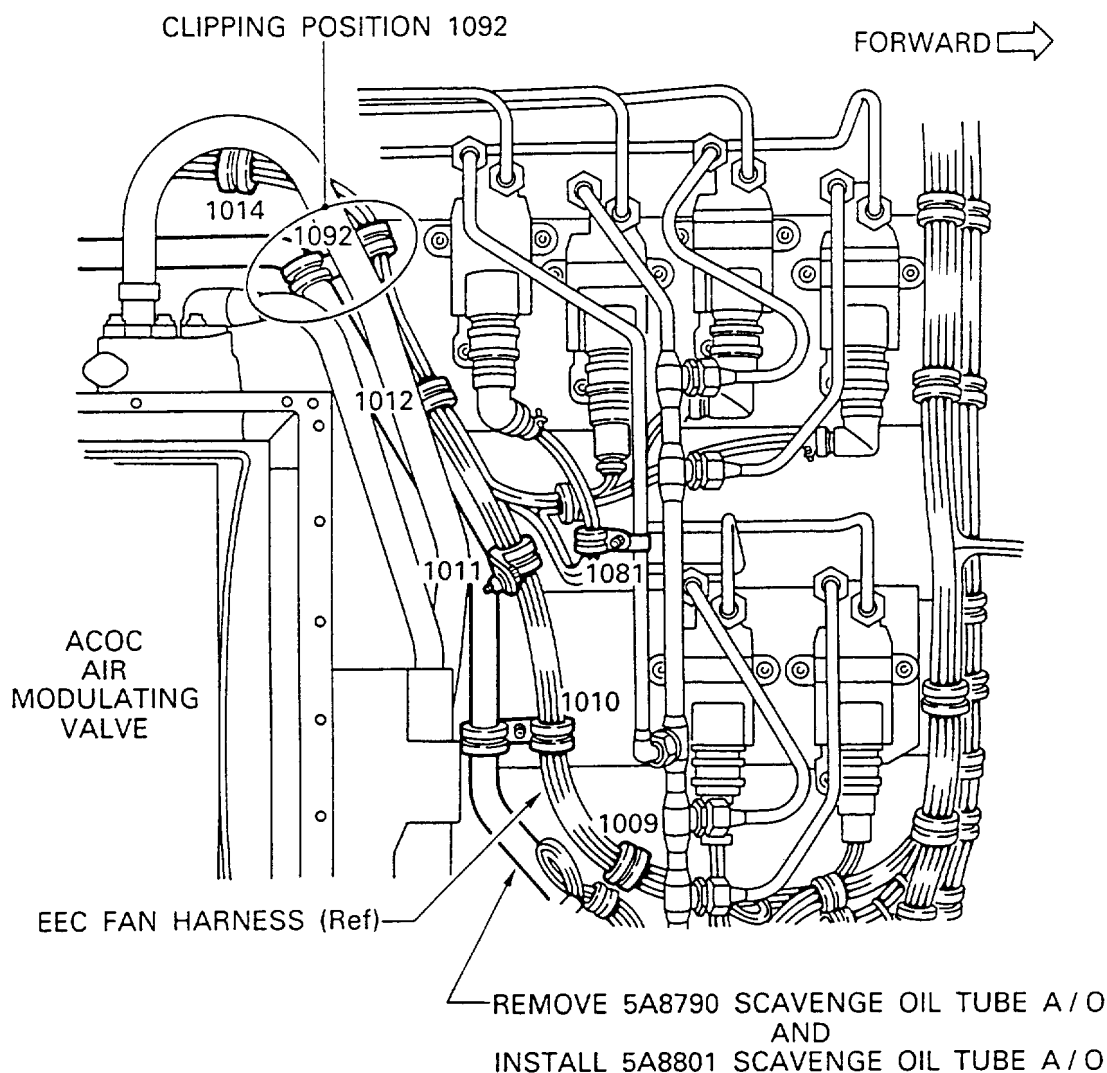
There are no rework instructions necessary to accomplish this Service Bulletin.

B. Assembly Instructions

- (1) Install 5A8801, Scavenge Oil Tube A/O, to the engine by the approved procedures in the Engine Manual, 72-00-32 Installation.
- (2) Install the bolts, the washers, the clips and the nuts at the clipping positions CP0594, CP1009, CP1010, CP1011, CP1012, and CP1014, and torque the nuts by the approved procedures in the Engine Manual, 72-00-32, Installation.
- (3) At CP1092, install 4W0104, Bolt, JM44LC39H109RG, Clamp, and 4W0001, Nut, to the EEC Fan Harness and the Lug on 5A8801, Scavenge Oil Tube (Refer to Figures 1 and 2). Torque the Nut to 36 - 45 lbfin (4 - 5 Nm).

F. Recording Instructions

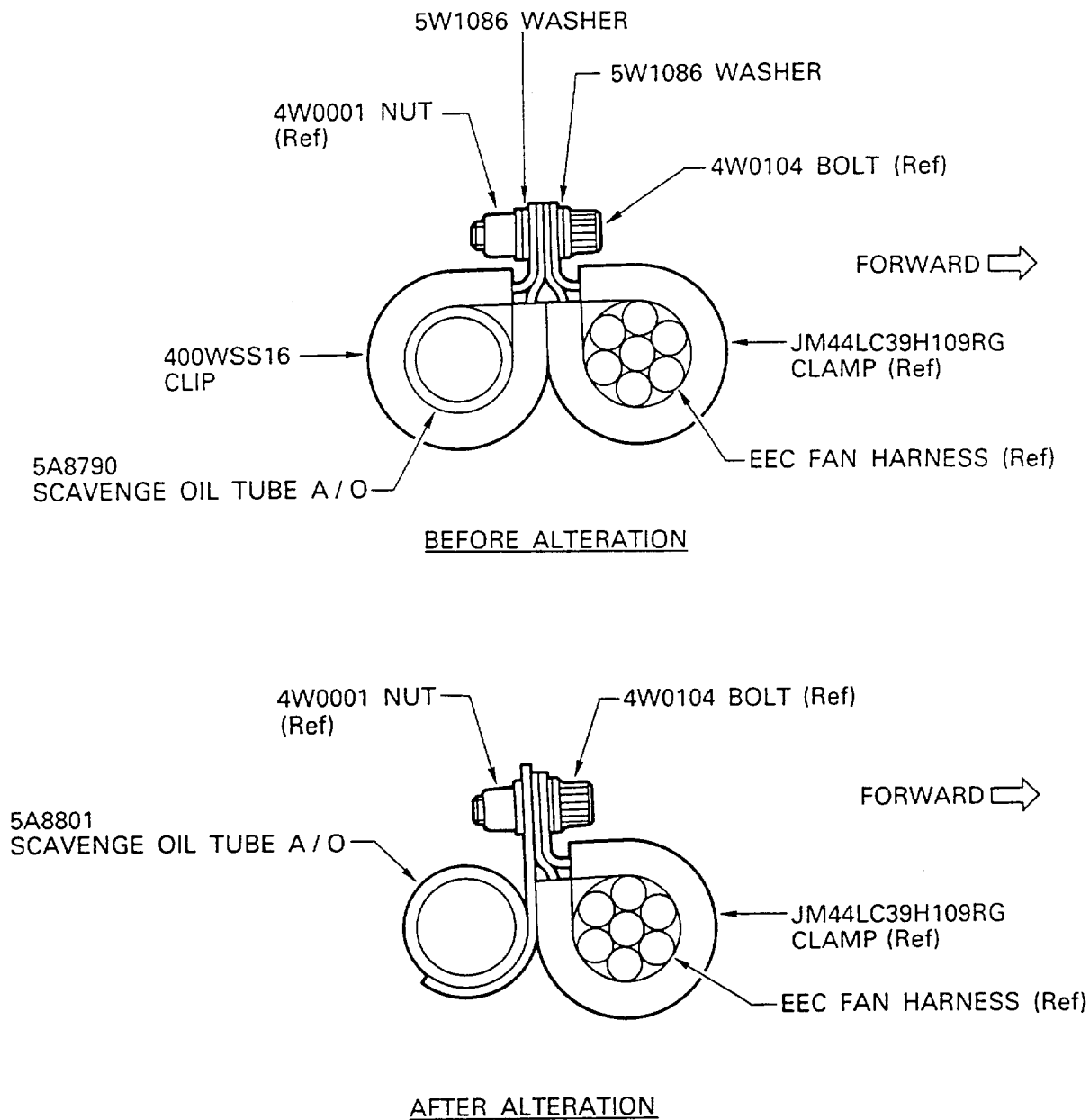
- (1) A record of accomplishment is necessary.



ded0000226

Location of the Scavenge Oil Tube and the Clipping Position 1092
Fig.1

V2500-ENG-71-0105



Clipping Configuration at CP1092 – Before and After Alteration
Fig.2

V2500-ENG-71-0105



SERVICE BULLETIN

3. Material Information

Applicability: For each V2500-A1 Engine to incorporate this Bulletin.

A. Kits Associated with this Bulletin:

None

B. Parts Affected by this Bulletin:

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
- (71-51-41) 5A8801 (79-22-49)	2 1	 970.00	.Washer, CP1092	5W1086 (01-390)	(C)(S1)(S2)
- (79-22-49)	1		.Tube, A/O	5A8790 (10-500)	(A)(B)(S1)
- (79-22-49)	1		.Clip, CP1092	400WSS16 (10-544)	(C)(S1)(S2)

C. Instruction/Disposition Code Statements:

- (A) New part is currently available for sale.
- (B) Old part will not longer be available for sale.
- (C) Old part will continue to be supplied on other application.
- (S1) New parts coded (S1) must replace old parts coded (S1) as a COMPLETE SET per engine.
- (S2) Old part can be used up on other application.

NOTE: The estimated 1992 unit price shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

V2500-ENG-71-0105

