



POWER PLANT - ELECTRICAL HARNESSSES - INTRODUCTION OF REVISED CLIP SIZES - CATEGORY  
CODE 7 - MOD.ENG-71-0207

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Boeing-Douglas Product Division MD-90
- (2) Engines: (a) V2525-D5 Engines prior to Serial No. V20250.  
(b) V2528-D5 Engines prior to Serial No. V20250.

B. Concurrent Requirements

None.

C. Reason

(1) Condition

The size of the clip at clipping point CP7833, does not give satisfactory clipping when the EEC Loom-H harness is added.

Also, the size of the clip at clipping point CP2441 is too small and does not give satisfactory clipping.

(2) Background

The problems have been found during production engine build.

(3) Substantiation

A satisfactory engineering analysis has been done on the changes contained in this Service Bulletin.

(4) Objective

The purpose of this Service Bulletin is to obey the engine build requirements.

(5) Effect of Bulletin on:

(a) Operation

Not affected.

(b) Maintenance

Not affected.

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(c) Overhaul

Not affected.

(d) Repair Schemes

Not affected.

(e) Interchangeability

Not affected.

(f) Fits and Clearances

Not affected.

D. Description

The changes introduced are as follows:

(a) The size of the clip that supports the EEC Looms-F and H at clip point CP7833 has increased.

(b) The size of the clip that supports the EEC Looms-B, C and D at clip point CP2441 has increased.

E. Compliance

Category Code 7.

This Service Bulletin can be done when there are no initial parts remaining.

F. Approval

The part number and/or part modification are given in Section 2 and 3 of this Service Bulletin. They obey the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model listed.

G. Manpower

Estimate of man-hours necessary to do this Service Bulletin in full:

Venue	Estimated Man-hours
(1) In Service	Not applicable
(2) At Overhaul	

NOTE: It is possible to get access to the parts affected by this Service Bulletin at overhaul.

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- (a) To replace electrical harness clips 15 Minutes

H. Material Price and Availability

- (1) A modification kit is not necessary.
- (2) Refer to the Material Information section for the prices and availability of future spares.

I. Tooling Price and Availability

- (1) Special tools are not necessary.

J. Weight and Balance

- (1) Weight Change

(a) None.

- (2) Moment Arm

(a) Not affected.

- (3) Datum

(a) Engine front mount centreline (Power Plant Station – PPS 100).

K. Electrical Load Data

This aircraft electrical load is not affected by this Service Bulletin.

L. References

- (1) Internal Reference No.

EC97VR025

M. Other Publications Affected

Illustrated Parts Catalogue (IPC), Chapter/Section 71-51-54 and 71-52-54.



2. Accomplishment Instructions

A. Rework Instructions

None.

B. Assembly Instructions

(1) For the correct removal/installation procedures, refer to:

(a) The D5 Engine Manual (EM), Chapter/Section 72-00-32,  
Removal-03/Installation-04 or Chapter/Section 72-00-40,  
Removal-02/Installation-09.

or

(b) The MD-90 Aircraft Maintenance Manual (AMM), Chapter/Section  
71-51-54, Removal/Installation.

C. Recording Instructions

(1) A record of accomplishment is necessary.

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## SERVICE BULLETIN

3. Material Information

Applicability: For each V2500 engine to incorporate this Bulletin.

A. Kits necessary for this Service Bulletin:

None.

B. Parts affected by this Service Bulletin:

NEW PART No (ATA No)	QTY	EST'D UNIT PRICE (\$)	PART TITLE	OLD PART No (IPC No)	INSTR DISP
AS62510 (71-51-54)	1	11.00	Clamp, loop, style, cushion (15,88 (.625))(CP2441)	AS62505 (01-452)	(A)(S1) (1D)
TA025022-08 (71-52-54)	1	12.50	Clamp, loop, style, cushion (12,70mm (.500))(CP7833)	TA025022-05 (01-220)	(A)(S1) (1D)

NOTE: The unit prices, if shown, are an estimate and they are given for the purpose of planning only. For information about actual prices, refer to the IAE Price Catalog or contact IAE's spare parts sales department.

C. Instruction Disposition Codes

- (A) New part is currently available.
- (S1) New part can replace old part but old part cannot replace new part.
- (1D) Old part can be used on other applications.

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