



POWER PLANT - FUEL DRAIN TUBES - ENGINE - INTRODUCTION OF SMALLER CLIPS FOR CLIP POINTS  
CP2607 AND CP2608 - CATEGORY CODE 6 - MOD.ENG-71-0202

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) McDonnell Douglas MD-90
- (2) Engines: (a) V2525-D5 Engines prior to Serial No.V20007  
(b) V2528-D5 Engines prior to Serial No.V20007

B. Concurrent Requirements

This Service Bulletin must be done with the IAE modification that follows:

EC93VR963 (Refer to 1.L.)

C. Reason

(1) Condition

The clips at clipping points CP2607 and CP2608 are too large and are of a different size to that at clipping point CP2381.

(2) Background

The problem was found on V2500-D5 production-engine build.

(3) Objective

The purpose of this Service Bulletin is to maintain engine build

(4) Substantiation

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

(5) Effect of Bulletin on workshop procedures:

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

(6) Supplemental Information

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None.

D. Description

(1) The changes are as follows:

(a) The size of the clips at clipping points CP2607 and CP2608 has decreased and they are now the same as that at CP2381.

(2) This Service Bulletin will be done on all engines delivered for revenue service.

E. Approval

The part number changes 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.

F. Compliance

Category Code 6

Do this Service Bulletin when the subassembly (that is: modules, accessories, components, build groups) is disassembled sufficiently to get access to the affected parts.

G. Manpower

Estimate of manhours necessary to do this Service Bulletin in full:

Venue	Estimated Manhours
(1) In service .. .. .	Not applicable
(2) At overhaul .. .. .	No more time is necessary to do this Service Bulletin

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

H. Material – Price and Availability

(1) A modification kit is not necessary.

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

I. Tooling – Price and Availability

Special tools are not necessary.

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## J. Weight and Balance

- |     |               |    |    |    |  |
|-----|---------------|----|----|----|--|
| (1) | Weight change | .. | .. | .. | None   |
| (2) | Moment arm    | .. | .. | .. | No effect  |
| (3) | Datum         | .. | .. | .. | Engine front mount centreline<br>(Power Plant Station - PPS 100) |

## K. Electrical Load Data

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

## L. References

- (1) Internal Reference No.  
EC94VR009
- (2) Other References  
EC93VR063: IAE Service Bulletin ENG-71-0121

## M. Other Publications Affected

- (1) Illustrated Parts Catalog (IPC), Chapter/Section, 71-71-49.
- (2) MD-90 Aircraft Maintenance Manual (AMM), Chapter/Section, 71-71-42, Removal/Installation.



## 2. Accomplishment Instructions

### A. Rework Instructions

None

### B. Assembly Instructions

For the correct procedures for the removal and installation of the clips, refer to the MD-90 AMM, Chapter/Section, 71-71-42, Removal/Installation.

### C. Recording Instructions

(1) A record of accomplishment is necessary.

## 3. Material Information

Applicability: For each V2500 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
AS62406 (71-71-49)	1	22.40	Clip (CP2607)(9,52 mm (0.375in.))	AS62412 (07-152)	(A)(B)(1D) (S1)
AS62406 (71-71-49)	1		Clip (CP2608)(9,52 mm (0.375in.))	AS62412 (07-160)	(A)(B)(1D) (S1)

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. Instructions Disposition Codes

- (A) New part currently available.
- (B) Old part no longer available.
- (1D) Old part may be used up on other applications.
- (S1) Old and new parts are not interchangeable.

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