



SERVICE BULLETIN

OIL - ENGINE - MAIN GEARBOX ASSEMBLY - PROVIDE NEW ATTACHING BOLTS FOR THE SCAVENGE OIL PUMP - CATEGORY CODE 6 - MOD.ENG-79-0046

1. Planning InformationA. Effectivity

- (1) Aircraft Boeing-Douglas - MD90
- (2) Engine V2525-D5 Engines prior to Serial No.V20009
V2528-D5 Engines prior to Serial No.V20009

B. Reason

(1) Condition

During installation of the scavenge oil pump, it can be difficult to tighten the attaching bolts. This is because there is insufficient space for the tools.

(2) Background

After several tests, it was found that the best solution is to use double-hexagonal bolts.

(3) Objective

The purpose of this Service Bulletin is to provide new attaching bolts for the scavenge oil pump.

(4) Substantiation

Not required.

(5) Effect of Bulletin on Workshop Procedures:

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

C. Description

This Service Bulletin introduces a new scavenge oil pump similar to the existing one except for:

- (1) New attaching bolts.

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**D. Approval**

The part number change and part modifications are given in Section 3. of this Service Bulletin. They obey the applicable Federal Aviation Regulation and are FAA-APPROVED for the engine model listed.

E. Compliance

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Accomplish when the subassembly (That is modules, accessories, components, build groups) is disassembled sufficiently to get access to the affected parts.

F. Manpower

Estimate of man-hours necessary to complete this bulletin in full.

Venue	Estimated man-hours:
(1) In service	Not applicable
(2) At overhaul	Not applicable (Parts are accessible at overhaul)

G. Material – Price and Availability

- (1) A modification kit is not necessary.
- (2) See 'Material Information' section for prices and availability of spares.

H. Tooling – Price and Availability

Special tools are not necessary.

I. Weight and Balance

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

J. Electrical Load Data

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

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K. References

- (1) Internal Reference No.

EC93VF038

- (2) Other References

The V2500 Engine Manual (E-V2500-3IA) Chapter/Section 72-00-60,
Removal-11 and Installation-11.

L. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalog (IPC) (S-V2500-3IA),
Chapter/Section 79-22-41 will be changed to add new part number.



2. Accomplishment Instructions

A. Rework Instructions

None.

B. Removal Instructions

None.

C. Installation Instructions

None.

D. Recording Instructions

(1) A record of accomplishment is necessary.

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 (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
4W0232 (79-22-41)	4		Bolt, machine, double hex	4W1313 (01-030)	(A)(B)

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) Parts are available for sale
- (B) Divert for immediate or other requirements

