



OIL - ENGINE - REPLACE MAIN OIL SCAVENGE PUMP MOUNTING FLANGE PACKINGS - CATEGORY CODE
6 - MOD.ENG-79-0049

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1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Airbus A320
(b) Airbus A321
(c) Mc Donnell Douglas MD90
- (2) Engine: (a) V2500-A1 Engines prior to V0362
(b) V2527-A5 Engines prior to V10123
(c) V2530-A5 Engines prior to V10123
(d) V2525-D5 Engines prior to V20019
(e) V2528-D5 Engines prior to V20019

B. Reason

- (1) Condition
Smoke has been observed in the tailpipe at engine shutdown.
- (2) Background
Inadequate scavenging of No.5 bearing compartment oil.
- (3) Objective
To improve scavenging of the No.5 bearing compartment.
- (4) Substantiation
Positive results observed during engine test
- (5) Effects 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:

None

C. Description

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

(a) The larger packings on the oil scavenge pump installation mounting flange.

D. Approval

The part number changes and part modifications described in Section 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulation and are FAA-APPROVED for the Engine Model listed.

E. Compliance

Category 6

Accomplish when the subassembly is disassembled sufficiently to afford access to the affected part to all spare parts

F. Manpower

Estimated man-hours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In service	Not applicable
(2) At overhaul	Not applicable(parts are accessible at overhaul)

G. Material Price and Availability

- (1) Modification Kit is not provided
- (2) See "Material Information" section for prices and availability of future spares.

H. Tooling - Price and Availability

None

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I. Weight and Balance

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

95VF004

95VF004A

95VF004-01

95VF004-02

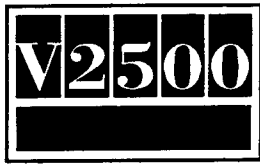
- (2) Other References

V2500-A1/A5 Engine Manual, Chapter/Section 72-60-00 Assembly.

V2500-D5 Engine Manual, Chapter/Section 72-60-00 Assembly.

L. Other Publications Affected

- (1) V2500-A1 Engine Illustrated Parts Catalog, Chapter/Section 79-22-41 will be revised to add the new parts.
- (2) V2500-A5 Engine Illustrated Parts Catalog, Chapter/Section 79-22-41 will be revised to add the new parts.
- (3) V2500-D5 Engine Illustrated Parts Catalog, Chapter/Section 79-22-41 will be revised to add the new parts.
- (4) V2500-A1 Power Plant Illustrated Parts Catalog, Chapter/Section 79-22-41, will be revised to add the new parts.
- (5) V2500-A5 Power Plant Illustrated Parts Catalog, Chapter/Section 79-22-41, will be revised to add the new parts.



2. Accomplishment Instructions

A. Rework Instructions

(1) There are no rework instructions for this service bulletin.

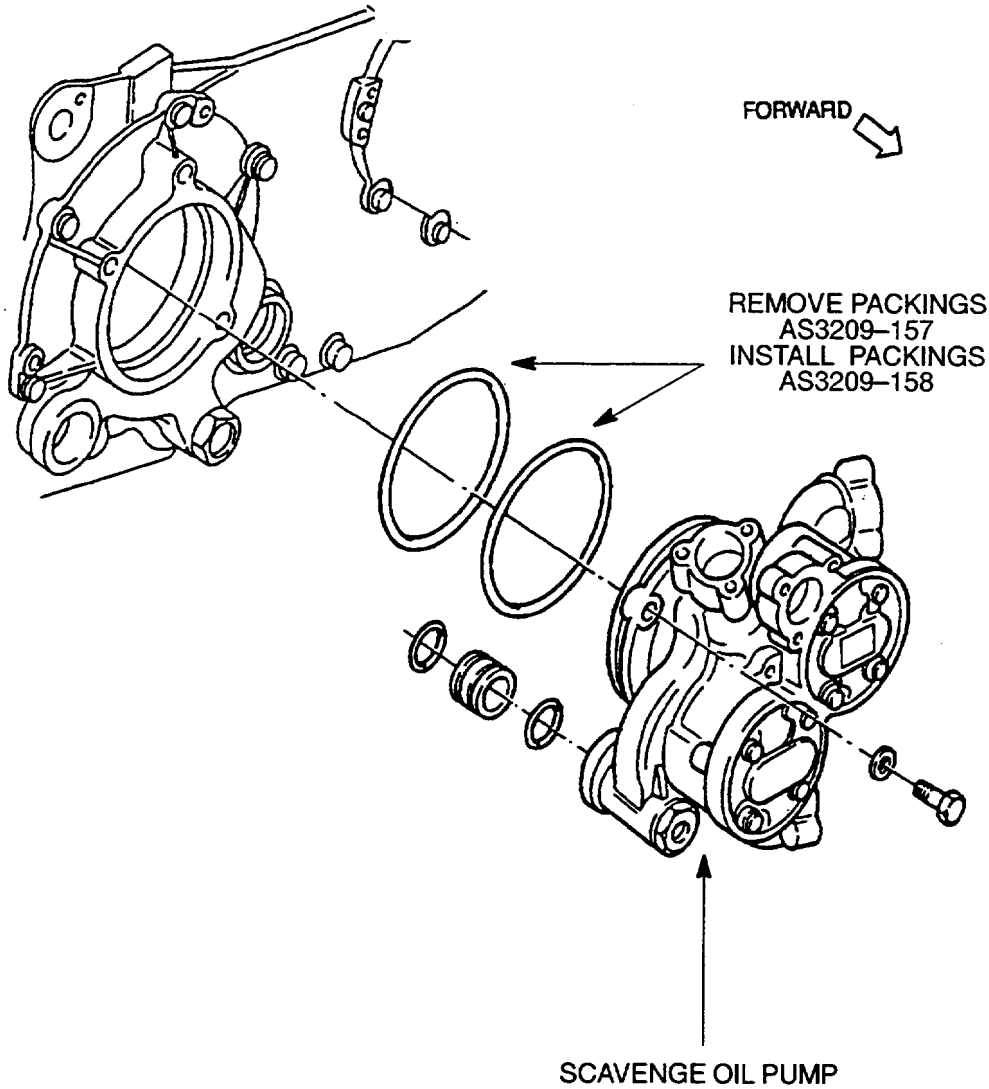
B. Installation Instructions

(1) Install the new packings AS3209-158. See Figure 1. Use the procedure given in Reference (1) or (2), Chapter/Section 72-60-00, Assembly, TASK 72-60-00-432-001.

C. Recording Instruction

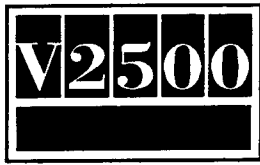
(1) A record of accomplishment is required.

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Main Oil Scavenge Pump Packings
Fig.1



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.)	Instruction Disposition
AS3209-158 (79-22-41)	2	9.28	.Packing	AS3209-157 (01-034)	(A) (B) (S1)

C. Instruction/Disposition Code Statements:

- (A) New part is currently available.
- (B) Old part is no longer available.
- (S1) Old and new parts are directly interchangeable

NOTE: The estimated 1995 Unit Prices 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.

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