



ENGINE - DEDICATED ALTERNATOR ROTOR - INTRODUCTION OF NEW SOURCE OF SUPPLY - CATEGORY  
CODE 7 - MOD.ENG-72-0228

1. Planning Information

A. Effectivity

(1) Aircraft: McDonnell Douglas MD-90

(2) Engine: (a) V2525-D5 Engines  
(b) V2528-D5 Engines

B. Concurrent Requirements:

None

C. Reason

1) Condition

The current supplier of the Engine Dedicated Alternator Rotor will no longer supply the unit.

2) Background

Not applicable

3) Objective

Incorporation of this Service Bulletin is designed to introduce a new source of supply for the Engine Dedicated Alternator Rotor.

4) Substantiation

B.F. Goodrich (B.F.G.) has been chosen as the new unit supplier. The B.F.G. rotor introduced by this Service Bulletin is completely interchangeable with the current rotor. The new unit has completed rig and bench tests successfully.

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

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None

D. Description

- (1) This Bulletin covers the introduction of a new Engine Dedicated Alternator Rotor supplied by B.F. Goodrich.
- (2) Units introduced by this Bulletin will be identified by the type number 430083.

E. Approval

The part number changes and/or part modifications described in Section 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.

F. Compliance

Category Code 7.

Accomplish when supply of superseded has been depleted.

G. Manpower

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

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

H. Material - Price and Availability

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

I. Tooling - Price and Availability

Special tools are not required.

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## J. Weight and Balance

- |                   |  |
|-------------------|--|
| (1) Weight Change | None   |
| (2) Moment Arm    | No effect  |
| (3) Datum         | Engine front mount centerline<br>(Power Plant Station (PPS) 100) |

## K. Electrical Load Data

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

## L. Reference

- (1) Internal Reference No.

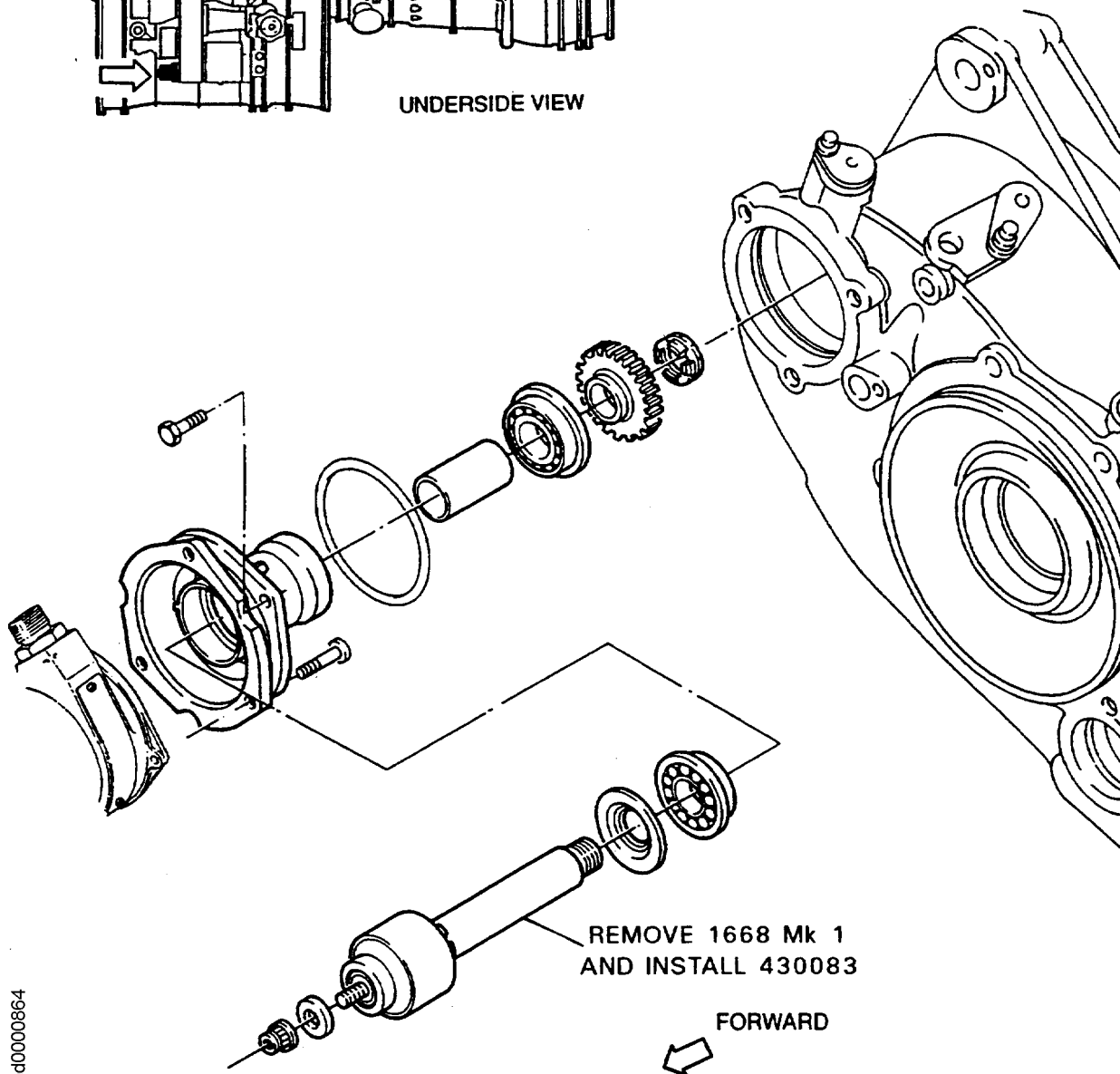
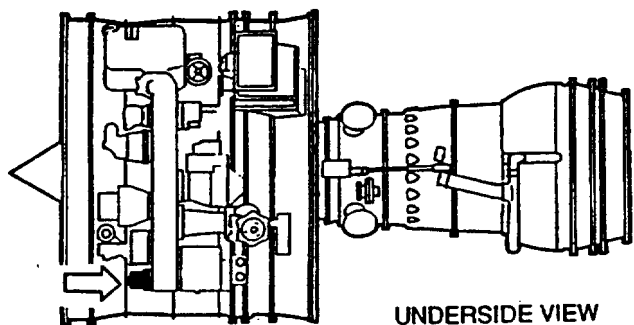
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- (2) Other References

MD90 Engine Manual

## M. Other Publications Affected.

- 1) V2500 Illustrated Parts Catalog (S-V2500-3IA), Chapter/Section 72-60-33.



LOCATION OF DEDICATED ALTERNATOR ROTOR  
Fig.1

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2. Accomplishment Instructions

A. Rework Instructions

None

B. Assembly Instructions

- (1) Install the new 430083 Dedicated Alternator Rotor as instructed in Reference (1), TASK 72-60-10-440-001, SUBTASK 72-60-10-440- 084.

C. Recording Instructions

A record of accomplishment is necessary.



## SERVICE BULLETIN

3. Material Information

Applicability: For each V2525-D5 or V2528-D5 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.)	Supply Status
430083 (72-60-33)	1		Rotor, Dedicated Alternator	1668MK1 (01-220)	(A)(B) (S1)

C. Instruction/Disposition Code Statements

(A) New Part is currently available

(B) Old part will no longer be available

(S1) Old and new parts are freely and fully interchangeable, both physically and functionally.

NOTE: Consult the vendor for price information.

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