



## SERVICE BULLETIN

ENGINE - MAIN GEARBOX ASSEMBLY NEW DEOILER ROLLER BEARING - CATEGORY CODE 7 -  
MOD.ENG-72-0299

1. Planning InformationA. Effectivity

- (1) Aircraft: Airbus A319, A320, A321
- (2) Engine:
  - V2500-A1 Engines prior to Serial No.V0362
  - V2522-A5 Engines prior to Serial No.V10381
  - V2524-A5 Engines prior to Serial No.V10381
  - V2527-A5 Engines prior to Serial No.V10381
  - V2530-A5 Engines prior to Serial No.V10381
  - V2533-A5 Engines prior to Serial No.V10381

B. Reason

## (1) Condition

In extreme stack-up condition, an axial load can be put on the Deoiler Roller Bearing.

## (2) Background

In extreme stackup condition, the axial clearance could be less than the acceptable limits of the bearing.

## (3) Objective

The purpose of this Service Bulletin is to introduce a new Deoiler Roller Bearing with a stronger design.

## (4) Substantiation

By analysis/stack-up.

## (5) Effects 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 Deoiler Roller Bearing, with the changes that follow:

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(1) A new bearing clearance.

D. Approval

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

E. Compliance

Category Code 7

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

F. 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 .. .. .	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 .. .. . Not affected

(2) Moment arm .. .. . Not affected

(3) Datum centreline .. .. . Engine front mount centreline  
(Power Plant (P.P.S.) 100)

J. Electrical Load Data

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

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K. References

EC95VF002A

EC95VF002A-01

L. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalog (IPC) (S-V2500-1IA and S-V2500-2IA), Chapter/Section 72-60-29.
- (2) The V2500 Engine Manual (EM) (E-V2500-1IA), Chapter/Section 72-60-10, Disassembly/Assembly and 72-60-29 Cleaning-04.



2. Accomplishment Instructions

A. Rework instructions

None.

B. Disassembly instructions

None.

C. Assembly instructions (Refer to Figure 1)

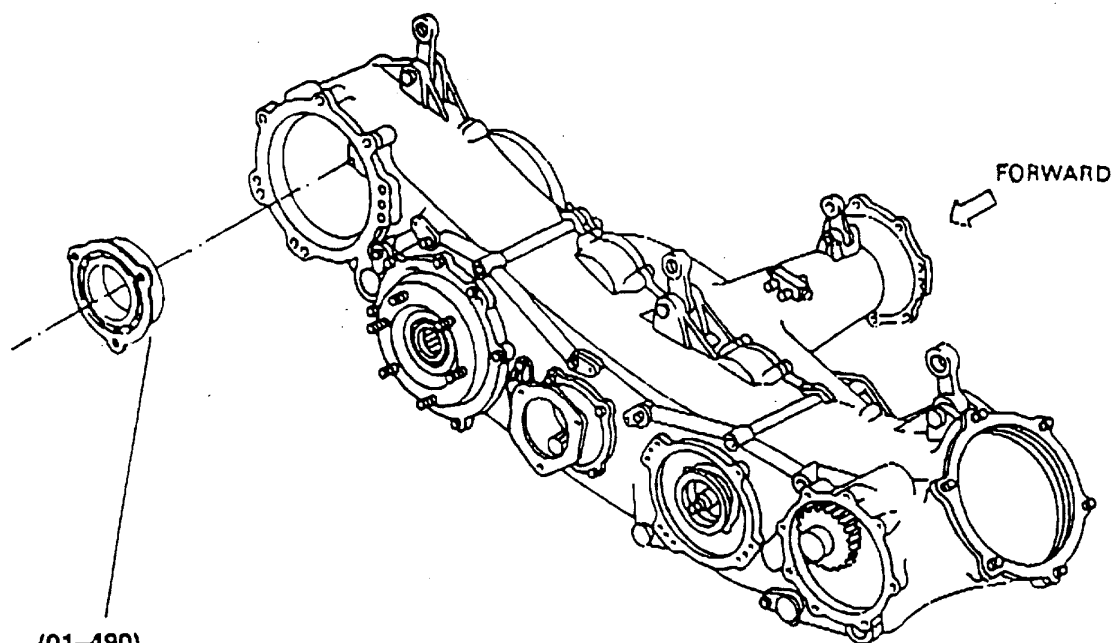
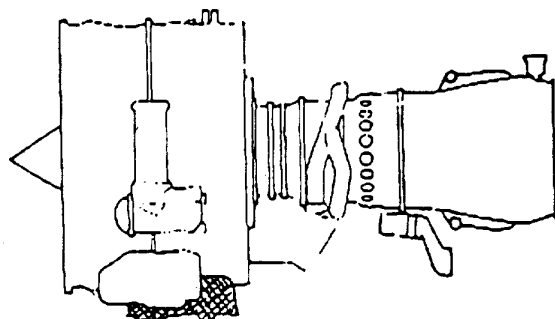
None.

D. Recording instructions

A record accomplishment is necessary.



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(01-490)  
BEARING, ROLLER

OLD P/N 4T0100  
NEW P/N 4T0105 (IC)

OLD P/N 4T0101 (ALT)  
NEW P/N 4T0106

OLD P/N 4T0103 (ALT)  
NEW P/N 4T0108

ded0002357

Deoiler Roller Bearing  
Fig.1

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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
4T0105 (72-60-29)	1		Bearing, roller	4T0100 (01-490)	(A)(B)(1)
4T0106 (72-60-29)	Ref		Bearing, roller	4T0101 (01-490)	(C)(1)
4T0108 (72-60-29)	Ref		Bearing, roller	4T0103 (01-490)	(C)(1)

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) New part is a control drawing. When ordering by this number, either part coded (C) will be supplied
- (C) See (B)
- (1) Old and new parts are fully interchangeable

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