

SERVICE BULLETIN

INFORMATION — ENGINE — ROTATING RING — INTRODUCTION OF AN ALTERNATIVE
ROTATING RING ON THE D5 ENGINE MODEL

MODEL APPLICATION

V2525-D5, V2528-D5

BULLETIN ISSUE SEQUENCE

V2500 Series 72-0667

ATA NUMBER

72-60-29

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Compliance Category

7

P&W Distribution Code

V2500

March 23/17

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Summary

The purpose of this Service Bulletin is to provide an alternative mating ring (to be referred to as rotating ring) for the external gearbox on the V2500-D5 engine model.

Planning Information

Effectivity Data

Engine Models Applicable

V2525-D5, V2528-D5
Engine Serial Nos. V20001 thru V20285

Concurrent Requirements

There are no concurrent requirements.

Reason

1. Condition: Rotating Ring, PN 7T0455 is currently only applicable to the V2500-A1 and V2500-A5 engine models, not to the V2500-D5 engine models.
2. Background: PN 7T0455 is an alternative to Rotating Ring, PN 7T0475 only for the V2500-A1 and V2500-A5 engine models. Currently, PN 7T0475 is applicable to V2500-D5, V2500-A1, and V2500-A5 engine models. PN 7T0475 and PN 7T0455 are interchangeable by ICD PN 7T0302.
3. Objective: To allow the use of Rotating Ring, PN 7T0455 on the V2500-D5 engine model.
4. Effects of Bulletin on:
 - Removal/Installation: Not Affected.
 - Disassembly/Assembly: Not Affected.
 - Cleaning: Affected.
 - Inspection/Check: Affected.
 - Repair: Affected.
 - Testing: Not Affected.
5. Supplemental Information
 - None.

Description

An alternative part number for rotating ring is introduced in one position of the V2500-D5 gearbox module.

Compliance

Category 7

Accomplish when supply of superseded parts has been depleted.

Approval Data

The part number changes and/or part modifications specified in the Accomplishment Instructions and Material Information sections of this Service Bulletin have been shown

to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model(s) given.

The compliance statement and the procedures described in this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the engine model listed.

Manpower

1. In Service
..... Not Applicable.
2. At Overhaul
..... Not Applicable.

Weight and Balance

1. Weight Change
None.
2. Moment Arm
No Effect.
3. Datum
Engine Front Mount Centerline (Power Plant Station (PPS) 100).

Electrical Load Data

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

Software Accomplishment Summary

Not Applicable.

References

NOTE: In 2014 IAE converted the V2500 Technical Publications to a new system. As a result of the conversion, some manuals were consolidated. All manuals received new P&W part numbers. To facilitate the use of this Service Bulletin, a Technical Publications conversion table is provided in the Appendix.

1. ATA Locator — 72-60-29.
2. Internal Reference No. 15VF001.
3. V2500-D5, Series Illustrated Parts Catalog, Chapter/Section 72-60-29.
4. V2500-D5 Series Engine Manual, EM, Chapter/Section 72-60-29.

Other Publications Affected

NOTE: In 2014 IAE converted the V2500 Technical Publications to a new system. As a result of the conversion, some manuals were consolidated. All manuals received new P&W part numbers. To facilitate the use of this Service Bulletin, a Technical Publications conversion table is provided in the Appendix.

1. V2500-D5, Series Illustrated Parts Catalog, Chapter/Section 72-60-29.
2. V2500-D5 Series Engine Manual, Chapter/Section 72-60-29.

Interchangeability of Parts

Old and new parts are directly interchangeable.

Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (Yes)

Revision to Table of Limits (No)

Inspection Procedures (No)

Material Information

Material — Price and Availability

1. There is no new material cost to do this Service Bulletin.
2. Part availability information is provided in material data Instructions — Disposition.

Industry Support Program

Not Applicable.

The material data that follows is for each engine.

For V2525-D5, V2528-D5 Engines:

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
7T0302	1	*	RING - INTERCH. CONTROL DWG		(3)(A)(S2)
7T0475	REF	*	RING - MATING	7T0475 (72-60-29-01-110)	(A)(N)(S2)
7T0455	REF	*	RING - MATING		(A)(N)(S2)

Instructions/Disposition Code Statements:

Parts Modification Conditions

Estimated part prices are provided when they are available at time of publication. The Estimate of Unit Price is only for planning purposes and does not constitute a firm quotation. An asterisk (*) is shown where part pricing information was unavailable. In either case, contact IAE Spares for firm quotations.

(3) New part is a source control drawing. Each REF parts are alternative to each other. To order by the IC number, any one of the alternatives may be supplied.

Spare Parts Availability

(A) The new part is available.

(N) The old part is available.

(S2) Old and new parts are fully and freely interchangeable.

Tooling — Price and Availability

Special tools are not required to accomplish this Service Bulletin.

Reidentified Parts

Not Applicable.

Other Material Information Data

Not Applicable.

Accomplishment Instructions

1. Recording Instructions
 - A. A record of accomplishment is required.

Appendix

Added Data

Internal Reference Information

Revision No.	Reference Document	Origination
Original	EC 15VF001	RB/JAC

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Technical Publications Cross Reference Table

Publication	Engine Model(s)	IAE IETM Pub Ref	P&W Part Number
ENGINE MANUAL — A1, A5	All	E-V2500-1IA	2A4407
CMM-EHC — A1, A5	All	EHC-V2500-1IA	2A4409
CMM-FN — A1, A5	All	FN-V2500-1IA	2A4410
CMM-MMC — A1, A5	All	MECH-V2500-1IA	2A4411
CMM-THD — A1, A5	All	THD-V2500-1IA	2A4412
TLM — A1, A5	All	T-V2500-1IA	2A4408
ENGINE MANUAL — D5	All	E-V2500-3IA	2A4416
CMM-EHC — D5	All	EHC-V2500-3IA	2A4418
CMM-FN — D5	All	FN-V2500-3IA	2A4419
CMM-MMC — D5	All	MECH-V2500-3IA	2A4420
CMM-THD — D5	All	THD-V2500-3IA	2A4423
TLM — D5	All	T-V2500-3IA	2A4417
SPPM (SPM) — A1, A5, D5	All	SPP-V2500-1IA	2A4414
EIPC — A1	V2500-A1102Q00	S-V2500-1IA	2A4427

Publication	Engine Model(s)	IAE IETM Pub Ref	P&W Part Number
EIPC — A5	V2522/V2524/V2527M-AQ02	S-V2500-6IA	2A4428
	V2522/V2524/V2527M-AQ03	S-V2500-6IB	
	V2522/V2524/V2527M-SQ02	S-V2500-6SA	
	V2522/V2524/V2527M-SQ03	S-V2500-6SB	
	V2522/V2524/V2527M-SQ04	S-V2500-6NA	
	V2522/V2524/V2527M-SQ05	S-V2500-6NB	
	V2527/V2527E-AQ02	S-V2500-7IA	
	V2527/V2527E-AQ03	S-V2500-7IB	
	V2527/V2527E-SQ02	S-V2500-7SA	
	V2527/V2527E-SQ03	S-V2500-7SB	
	V2527/V2527E-SQ04	S-V2500-7NA	
	V2527/V2527E-SQ05	S-V2500-7NB	
	V2530-AQ02	S-V2500-2IA	
	V2530-AQ03	S-V2500-2IB	
	V2530-SQ02	S-V2500-2SA	
	V2530-SQ03	S-V2500-2SB	
	V2530-SQ04	S-V2500-2NA	
	V2530-SQ05	S-V2500-2NB	
	V2533-AQ02	S-V2500-5IA	
	V2533-AQ03	S-V2500-5IB	
	V2533-SQ02	S-V2500-5SA	
	V2533-SQ03	S-V2500-5SB	
	V2533-SQ04	S-V2500-5NA	
	V2533-SQ05	S-V2500-5NB	
EIPC — D5	V2525/V2528-AQ02	S-V2500-3IA	2A4426
	V2525/V2528-AQ03	S-V2500-3IB	
	V2525/V2528-AQ04	S-V2500-3IC	