

# SERVICE BULLETIN REVISION NOTICE

NON-MODIFICATION SERVICE BULLETIN — ENGINE — HIGH PRESSURE (HP) COMPRESSOR  
— STAGE 3 TO 8 COMPRESSOR DRUM — ULTRASONIC INSPECTION PROCEDURE

Turbojet Engine Service Bulletin No. V2500-ENG-72-0603 Revision No. 4 dated February 13, 2020

## Revision History

Original Issue November 24, 2009

Revision 1 dated December 18, 2009

Revision 2 dated March 17, 2010

Revision 3 dated June 19, 2012

Revision 4 dated February 13, 2020

## Reason for the Revision

The information contained in this Non-Modification Service Bulletin is replaced by the instructions specified in the latest revision of Reference 1, Non-Modification Service Bulletin No. V2500-ENG-72-A0615. It is not necessary to do this Non-Modification Service Bulletin.

## Effect of Revision on Prior Compliance

None.

## This is a Complete Revision (Not Applicable to the SGML version)

The format of this Non-Modification Service Bulletin has not been changed from Revision 3. See Reason for the Revision above.

## MODEL APPLICATION

V2500-A1

## BULLETIN ISSUE SEQUENCE

V2500 Series 72-0603

## Page

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## Revision No.

4

## Date

February 13/20

**A copy of this Revision Notice and any future revision notices must be filed as a permanent record with your copy of the subject bulletin.**

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MODEL APPLICATION

V2500-A1

BULLETIN ISSUE SEQUENCE

V2500 Series 72-0603

ATA NUMBER

72-00-00

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Compliance Category

NA

IAE Distribution Code

V2500

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## Summary

The information contained in this Non-Modification Service Bulletin is replaced by the instructions specified in the latest revision of Reference 1, Non-Modification Service Bulletin No. V2500-ENG-72-A0615. It is no longer necessary to do this Non-Modification Service Bulletin.

## Planning Information

### Effectivity Data

NOTE: All data contained in this Non-Modification Service Bulletin has been updated and incorporated into Non-Modification Service Bulletin V2500-ENG-72-0615 Revision 3 dated Sep 20/11.

### Engine Models Applicable

Airbus A320

V2500-A1 Engines specified below:

Group A Engines.

Engines with Serial numbers V0008, V0023, V0024, V0026, V0027, V0028, V0030, V0036, V0038, V0043, V0044, V0045, V0050, V0052, V0056, V0057, V0059, V0062, V0063, V0064, V0068, V0070, V0071, V0072, V0073, V0074, V0077, V0079, V0080, V0082, V0087, V0092, V0094, V0095, V0097, V0098, V0100, V0102, V0105, V0107, V0108, V0109, V0114, V0116, V0117, V0118, V0125, V0133, V0134, V0140, V0145, V0149, V0150, V0151, V0158, V0160, V0180, V0197, V0198, V0200, V0220, V0221, V0222, V0224, V0228, V0233, V0234, V0236, V0238, V0239, V0243, V0244, V0246, V0252, V0257, V0270, V0271, V0272, V0273, V0278, V0279, V0280, V0281, V0282, V0289, V0290, V0296, V0297, V0298, V0299, V0303, V0304, V0306, V0307, V0308, V0309, V0312, V0329, V0330, V0338, V0341, V0342, V0345, V0346, V0348, V0350, V0352, V0353, V0354, V0355, V0356, V0357, V0358, V0359, and V0360.

NOTE: Group A engines are those which are currently, or were formerly, stationed and operated in India.

NOTE: Any engine listed above with incorporation of Service Bulletin V2500-ENG-72-0596 together with a new HP compressor stage 3-8 drum assembly is not affected.

NOTE: Any engine listed above with incorporation of Service Bulletin V2500-ENG-72-0596 and Non-Modification Service Bulletin V2500-ENG-72-0601 is not affected.

### Concurrent Requirements

There are no concurrent requirements.

### Reason

1. Condition: Crack indications had been discovered on the High Pressure (HP) compressor stage 3 – 8 drum assembly at overhaul. The indications were highlighted during Engine Manual (EM) crack inspection procedure of the stage 7 – 8 disc internal cavity.
2. Background: None.
3. Objective: None.
4. Substantiation: None.

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5. Effects of Bulletin on:  
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.

#### Description

None – Action withdrawn.

#### Compliance

None – Action withdrawn.

#### Approval Data

The information contained in this Non-Modification Service Bulletin is replaced by the instructions specified in the latest revision of Reference 1, Non-Modification Service Bulletin No. V2500-ENG-72-A0615. It is not necessary to do this Non-Modification Service Bulletin.

#### Manpower

None – Action superseded.

#### Weight and Balance

Not changed.

#### Electrical Load Data

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

#### Software Accomplishment Summary

Not Applicable.

#### References

1. IAE Non-Modification Service Bulletin No. V2500-ENG-72-A0615 [Engine — High Pressure (HP) Stage 3 To 8 Compressor Drum — Ultrasonic Inspection Procedure And Stage 3 To 8 Compressor Drum Replacement. Issue Sequence 72-A0615, V2500 Series.
2. Internal Reference No. EC09VR079C.

#### Other Publications Affected

None.

#### Interchangeability of Parts

Not Applicable.

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Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (Yes)

Revision to Table of Limits (No)

Inspection Procedures (No)

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## Material Information

### Material — Price and Availability

1. The information contained in this Non-Modification Service Bulletin is replaced by the instructions specified in the latest revision of Reference 1, Non-Modification Service Bulletin No. V2500-ENG-72-A0615. It is not necessary to do this Non-Modification Service Bulletin.

### Industry Support Program

Not Applicable.

### Tooling — Price and Availability

Special tools are not required to accomplish this Service Bulletin.

### Reidentified Parts

Not Applicable.

### Other Material Information Data

Not Applicable.

## Modification and Spares Information

### 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.

### Spare Parts Availability

Not Applicable.

### Vendor Services or Special Components/Materials

Not Applicable.

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#### Accomplishment Instructions

The information contained in this Non-Modification Service Bulletin is replaced by the instructions specified in the latest revision of Reference 1, Non-Modification Service Bulletin No. V2500-ENG-72-A0615. It is not necessary to do this Non-Modification Service Bulletin.

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## Appendix

### Added Data

#### Internal Reference Information

Revision No.	Reference Document	Origination
Original	EC09VR079C	RR
1	EC09VR079C	RR
2	EC09VR079C	RR
3	EC09VR079C	RR
4	EA19VG375	JM/RCM

Number values shown in parentheses adjacent to U.S. values are International System of Units (SI) equivalents.

To calculate part life, include the hours and/or cycles since the part was made. Use the total hours or cycles to calculate life limits that are the result of part modification, a part used in an engine with different thrust, or for some other reason.

**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, the following Technical Publications cross reference table is provided.

#### 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
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

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