

SERVICE BULLETIN REVISION NOTICE

ENGINE — (LP) — INTRODUCTION OF REDUCED WEIGHT HONEYCOMBS

Turbojet Engine Service Bulletin No. V2500-ENG-72-0588 Revision No. 2 dated February 9, 2018.

Revision History

Original Issue April 23, 2010

Revision 1 dated September 23, 2013

Revision 2 dated February 9, 2018

Reason for the Revision

New saleable detail parts for rework and repair are introduced.

The Instruction/Disposition codes in the Material Information section were revised for clarity and to adhere with current standards.

Effect of Revision on Prior Compliance

None.

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

The contents are in accordance with the list of effective pages. All pages have the current revision number. Technical changes are marked with black bars.

MODEL APPLICATION

V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5, V2525-D5, V2528-D5

BULLETIN ISSUE SEQUENCE

V2500 Series 72-0588

Page

1 thru 29

Revision No.

2

Date

February 9/18

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.

V2500-ENG-72-0588

Page 1 of 1

SERVICE BULLETIN

ENGINE — (LP) — INTRODUCTION OF REDUCED WEIGHT HONEYCOMBS

MODEL APPLICATION

V2500-A1, V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5,
V2533-A5, V2525-D5, V2528-D5

BULLETIN ISSUE SEQUENCE

V2500 Series 72-0588

ATA NUMBER

72-50-00

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Export Classification: Not subject to the EAR per 15 C.F.R. Chapter 1, Part 734.3(b)(3).

Compliance Category

7

P&W Distribution Code

V2500

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 1 of 29

Summary

This change introduces new honeycomb seals with reduced weight.

Planning Information

Effectivity Data

Engine Models Applicable

V2500-A1

Engine Serial Nos. V0001 thru V0361

V2522-A5, V2524-A5, V2527M-A5, V2527-A5, V2527E-A5, V2530-A5, V2533-A5

Engine Serial Nos. V10001 thru V13201

V2522-A5, V2524-A5, V2527M-A5, V2527-A5, V2527E-A5, V2530-A5, V2533-A5

Engine Serial Nos. V15001 thru V15510

V2525-D5, V2528-D5

Engine Serial Nos. V20001 thru V20285

Concurrent Requirements

There are no concurrent requirements.

Reason

1. Condition: New honeycombs are introduced to reduce Low Pressure Turbine module (LPT) weight.
2. Background: The new honeycomb design features larger cell size for air seals with certain diameter, speed, and running gap ratios, in order to reduce weight.
3. Objective: The change in honeycomb configuration recommended in this Service Bulletin are intended to reduce LPT module weight.
4. Substantiation: The new honeycomb design was successfully tested during endurance test run. Theoretical analysis showed no degradation compared with the existing production standard.
5. Effects of Bulletin on:
 - Removal/Installation: Not Affected.
 - Disassembly/Assembly: Not Affected.
 - Cleaning: Not Affected.
 - Inspection/Check: Not Affected.
 - Repair: Affected. (Refer to Other Publications Affected).
 - Testing: Not Affected.
6. Supplemental Information
 - None.

Description

1. The changes introduced in the reduced weight honeycomb seals are:

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 2

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- A. The cell size of the shroud seal segment stages 3, 4, 5 and 7 and honeycomb seal segment stage 6, cell size was changed from 1/16 in (1.59 mm) to 1/8 in (3.18 mm).
- B. The honeycomb seal segment stages 3, 4, 5, 6 and 7 cells have a thinner material.
- C. The cell height of the shroud seal segment stages 4 and 7 and honeycomb seal segment stage 6 and 7 have been reduced by 0.008 in (0.2 mm).

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.

Manpower

- 1. In Service
..... Not Applicable.
- 2. At Overhaul
.....Applicable (hours not affected).

Weight and Balance

- 1. Weight Change
-2.9 lbf (-1.3 kg).
- 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 — 72-50-22, 72-50-23, 72-50-24.

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 3

2. V2500 Standard Practices and Processes, SPM, P&W Ref. PN 2A4414, Chapter/Section 70-09-00.
3. V2500-A1 Series Illustrated Parts Catalog, P&W Ref. PN 2A4427, Chapter/Section 72-50-22, 72-50-23, 72-50-24.
4. V2500-A5 Series Illustrated Parts Catalog, P&W Ref. PN 2A4428, Chapter/Section 72-50-22, 72-50-23, 72-50-24.
5. V2500-D5, Series Illustrated Parts Catalog, P&W Ref. PN 2A4426, Chapter/Section 72-50-22, 72-50-23, 72-50-24.
6. V2500 A1/A5 Series Engine Manual, EM, P&W Ref. PN 2A4407, Chapter/Section 72-50-22, 72-50-23, 72-50-24.
7. V2500-D5 Series Engine Manual, EM, P&W Ref. PN 2A4416, Chapter/Section 72-50-22, 72-50-23, 72-50-24.

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-A1 Series Illustrated Parts Catalog, P&W Ref. PN 2A4427, Chapter/Section 72-50-22, 72-50-23, 72-50-24.
2. V2500-A5 Series Illustrated Parts Catalog, P&W Ref. PN 2A4428, Chapter/Section 72-50-22, 72-50-23, 72-50-24.
3. V2500-D5, Series Illustrated Parts Catalog, P&W Ref. PN 2A4426, Chapter/Section 72-50-22, 72-50-23, 72-50-24.
4. V2500 A1/A5 Series Engine Manual, P&W Ref. PN 2A4407, Chapter/Section 72-50-22, 72-50-23, 72-50-24, Cleaning, Inspection, Repair to add the new Part Numbers. Following new TASKs will be incorporated in the A1/A5 Engine Manual:

72-50-24-300-061 (VRS4564), Repair 061,
72-50-23-300-063 (VRS4565), Repair 063,
72-50-23-300-064 (VRS4566), Repair 064,
72-50-23-300-065 (VRS4567), Repair 065,
72-50-23-300-066 (VRS4568), Repair 066,
72-50-23-300-067 (VRS4569), Repair 067,
72-50-23-300-068 (VRS4570), Repair 068,
72-50-23-300-069 (VRS4571), Repair 069,
72-50-23-300-070 (VRS4572), Repair 070,
72-50-23-300-071 (VRS4573), Repair 071,
72-50-22-300-126 (VRS4577), Repair 126,
72-50-22-300-127 (VRS4578), Repair 127,
72-50-22-300-128 (VRS4579), Repair 128,

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 4

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- 72-50-22-300-129 (VRS4580), Repair 129,
72-50-22-300-130 (VRS4581), Repair 130,
72-50-22-300-131 (VRS4582), Repair 131,
72-50-22-300-132 (VRS4583), Repair 132,
72-50-22-300-133 (VRS4584), Repair 133,
72-50-22-300-134 (VRS4574), Repair 134,
72-50-22-300-135 (VRS4575), Repair 135,
72-50-22-300-136 (VRS4576), Repair 136.
5. V2500-D5 Series Engine Manual, P&W Ref. PN 2A4416, Chapter/Section 72-50-23, 72-50-24, 72-50-22, Cleaning, Inspection, Repair to add the new Part Numbers. Following new TASKs will be incorporated in the D5 Engine Manual:
- 72-50-24-300-061 (VRS4564), Repair 061,
72-50-23-300-066 (VRS4568), Repair 066,
72-50-23-300-068 (VRS4570), Repair 068,
72-50-23-300-070 (VRS4572), Repair 070,
72-50-23-300-071 (VRS4573), Repair 071,
72-50-22-300-126 (VRS4577), Repair 126,
72-50-22-300-128 (VRS4579), Repair 128,
72-50-22-300-129 (VRS4580), Repair 129,
72-50-22-300-130 (VRS4581), Repair 130,
72-50-22-300-131 (VRS4582), Repair 131,
72-50-22-300-132 (VRS4583), Repair 132,
72-50-22-300-133 (VRS4584), Repair 133,
72-50-22-300-135 (VRS4575), Repair 135,
72-50-22-300-136 (VRS4576), Repair 136.

Interchangeability of Parts

Not Affected.

Information in the Appendix

Alternate Accomplishment Instructions (No)

Progression Charts (No)

Added Data (Yes)

Revision to Table of Limits (No)

Inspection Procedures (No)

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 5

Material Information

Material — Price and Availability

1. Part prices were not available at the time of Service Bulletin publication. Contact IAE Spares Management & Logistics for firm quotations.
2. There is no kit provided to do this Service Bulletin.
3. Part availability information is provided in material data Instructions — Disposition.

Industry Support Program Enter Program Number.

Not Applicable.

The material data that follows is for each engine.

For V2500-A1 Engines:

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
3A3097	30		.VANE, A/O TURBINE STG 4	3A0637CL45 (72-50-22-01-550)	(1)(B)(L)
			OR		
3A3101	30		.VANE, A/O TURBINE STG 4	3A2274 (72-50-22-01-550)	(1)(B)(L)
			OR		
3A3105	30	6,862.00	.VANE, A/O TURBINE STG 4	3A2898 (72-50-22-01-550)	(1)(A)(B)(L)
			OR		
3A3112	30		.VANE, A/O TURBINE STG 4	3A2284 (72-50-22-01-550)	(1)(B)(L)
			OR		
3A3113	30		.VANE, A/O TURBINE STG 4	3A2244 (72-50-22-01-550)	(1)(B)(N)
			OR		
3A3114	30		.VANE, A/O TURBINE STG 4	3A2131 (72-50-22-01-550)	(1)(B)(N)
			OR		
3A3119	30		.VANE, A/O TURBINE STG 4	3A2417 (72-50-22-01-550)	(1)(B)(N)
3A3115 (72-50-22-01-571)	1	67.90	..SEAL, SEGMENT HONEYCOMB		(2)(A)(E)
			OR		

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 6

IAE PROPRIETARY INFORMATION

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New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
3A3116 (72-50-22-01-571)	1	67.90	..SEAL, SEGMENT HONEYCOMB		(2)(A)(E)
3A3120	31	4,037.00	.VANE, A/O TURBINE STG 5	3A2305 (72-50-22-01-350)	(1)(A)(B)(L)
			OR		
3A3122	31		.VANE, A/O TURBINE STG 5	3A0025CL45 (72-50-22-01-350)	(1)(B)(C)
			OR		
3A3123	31		.VANE, A/O TURBINE STG 5	3A1825 (72-50-22-01-350)	(1)(B)(N)
3A3124 (72-50-22-01-371)	1	36.00	..SEAL, SEGMENT HONEYCOMB		(2)(A)(E)
			OR		
3A3125 (72-50-22-01-371)	1	36.00	..SEAL, SEGMENT HONEYCOMB		(2)(A)(E)
3A3127	33	4,428.00	.VANE, A/O TURBINE STG 6	3A2486 (72-50-22-01-175)	(1)(A)(B)(L)
3A3129 (72-50-22-01-196)	1	68.20	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3132 (72-50-22-01-198)	1	31.50	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
			OR		
3A3140 (72-50-22-01-198)	1	31.50	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3130	32	4,798.00	.VANE, A/O TURBINE STG 7	3A2497 (72-50-22-01-010)	(1)(A)(B)(L)
3A3133 (72-50-22-01-033)	1	38.10	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
			OR		
3A3141 (72-50-22-01-033)	1	38.10	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)

April 23/10

V2500-ENG-72-0588

REVISION NO. 2 - February 9/18

Page 7

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
3A3134 (72-50-22-01-035)	1	71.70	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A2956	16	2,988.00	.SEAL, A/O SHROUD SEGMENT, STG 7	3A0666 (72-50-23-01-010)	(1)(A)(B)(L)
3A3107 (72-50-23-01-026)	1	94.90	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3093	33	939.00	..SEAL, ASSY SHROUD SEGMENT STG 5	3A0727 (72-50-23-01-150)	(1)(A)(B)(L)
3A3094 (72-50-23-01-171)	1	21.60	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3095 (72-50-23-01-181)	1	21.60	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3090	31	980.00	.SEAL, A/O SEGMENT SHROUD STG 4	3A0723 (72-50-23-01-250)	(1)(A)(B)(L)
3A3091 (72-50-23-01-271)	1	21.80	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3092 (72-50-23-01-281)	1	22.80	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3087	15	2170.00	.SEAL, ASSY SHROUD SEGMENT, STG 3	3A2050 (72-50-23-01-350)	(1)(A)(B)(L)
			OR		
3A3102	15		.SEAL, ASSY SHROUD SEGMENT, STG 3	3A0719 (72-50-23-01-350)	(1)(B)(N)
3A3088 (72-50-23-01-371)	1	34.00	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)

April 23/10

V2500-ENG-72-0588

REVISION NO. 2 - February 9/18

Page 8

IAE PROPRIETARY INFORMATION

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New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
			OR		
3A3103 (72-50-23-01-371)	1	32.90	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3089 (72-50-23-01-381)	1	29.80	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3108	1	29,060.00	.RING, A/O AIR SEAL STG 3	3A1566 (72-50-24-01-250)	(1)(A)(B)(L)
			OR		
3A3109	1		.RING, A/O AIR SEAL STG 3	3A0961 (72-50-24-01-250)	(1)(B)(N)
3A3110 (72-50-24-01-296)	1	512.00	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3111 (72-50-24-01-306)	1	313.00	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)

The material data that follows is for each engine.

For V2522-A5, V2524-A5, V2527-A5, V2527E-A5, V2527M-A5, V2530-A5, V2533-A5 Engines:

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
3A3113	30		.VANE, A/O TURBINE STG 4	3A2244 (72-50-22-01-550)	(1)(B)(L)
			OR		
3A3114	30		.VANE, A/O TURBINE STG 4	3A2131 (72-50-22-01-550)	(1)(B)(N)
			OR		
3A3119	30		.VANE, A/O TURBINE STG 4	3A2417 (72-50-22-01-550)	(1)(B)(N)
			OR		
3A3105	30	6,862.00	.VANE, A/O TURBINE STG 4	3A2898 (72-50-22-01-550)	(1)(A)(B)(L)
3A3115 (72-50-22-01-571)	1	67.90	..SEAL, SEGMENT HONEYCOMB		(2)(A)(E)

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 9

New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
3A3120	31	4,037.00	.VANE, A/O TURBINE STG 5	3A2305 (72-50-22-01-350)	(1)(A)(B)(L)
			OR		
3A3123	31		.VANE, A/O TURBINE STG 5	3A1825 (72-50-22-01-350)	(1)(B)(N)
3A3124 (72-50-22-01-371)	1	36.00	..SEAL, SEGMENT HONEYCOMB		(2)(A)(E)
3A3127	33	4,428.00	.VANE, A/O TURBINE STG 6	3A2486 (72-50-22-01-175)	(1)(A)(B)(L)
3A3129 (72-50-22-01-196)	1	68.20	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3132 (72-50-22-01-198)	1	31.50	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
			OR		
3A3140 (72-50-22-01-198)	1	31.50	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3130	32	4,798.00	.VANE, A/O TURBINE STG 7	3A2497 (72-50-22-01-010)	(1)(A)(B)(L)
3A3133 (72-50-22-01-033)	1	38.10	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
			OR		
3A3141 (72-50-22-01-033)	1	38.10	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3134 (72-50-22-01-035)	1	71.70	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A2956	16	2,956.00	.SEAL, A/O SHROUD SEGMENT, STG 7	3A0666 (72-50-23-01-010)	(1)(A)(B)(L)
3A3107 (72-50-23-01-026)	1	94.90	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 10

IAE PROPRIETARY INFORMATION

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New PN	Qty	Estimate of Unit Price (\$)	Keyword	Old PN	Instructions — Disposition
3A2953	33	1,097.00	..SEAL, ASSY SHROUD SEGMENT STG 5	3A1920 (72-50-23-01-150)	(1)(A)(B)(L)
3A3094 (72-50-23-01-171)	1	21.60	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3095 (72-50-23-01-181)	1	21.60	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A2950	31	1,144.00	.SEAL, A/O SEGMENT SHROUD STG 4	3A1918 (72-50-23-01-250)	(1)(A)(B)(L)
3A3091 (72-50-23-01-271)	1	21.80	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3092 (72-50-23-01-281)	1	22.80	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A2947	15	2,397.00	.SEAL, A/O SEGMENT SHROUD STG 3	3A2234 (72-50-23-01-350)	(1)(A)(B)(L)
			OR		
3A3104	15		.SEAL, A/O SEGMENT SHROUD STG 3	3A1916 (72-50-23-01-350)	(1)(B)(N)
3A3088 (72-50-23-01-371)	1	34.00	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3089 (72-50-23-01-381)	1	29.80	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3108	1	29,060.00	.RING, A/O AIR SEAL STG 3	3A1566 (72-50-24-01-250)	(1)(A)(B)(L)
3A3110 (72-50-24-01-296)	1	512.00	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3111 (72-50-24-01-306)	1	313.00	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 11

IAE PROPRIETARY INFORMATION

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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
3A3113	30		.VANE, A/O TURBINE STG 4	3A2244 (72-50-22-01-550)	(1)(B)(L)
			OR		
3A3114	30		.VANE, A/O TURBINE STG 4	3A2131 (72-50-22-01-550)	(1)(B)(N)
			OR		
3A3119	30		.VANE, A/O TURBINE STG 4	3A2417 (72-50-22-01-550)	(1)(B)(N)
			OR		
3A3105	30	6,862.00	.VANE, A/O TURBINE STG 4	3A2898 (72-50-22-01-550)	(1)(A)(B)(L)
3A3115 (72-50-22-01-571)	1	67.90	..SEAL, SEGMENT HONEYCOMB		(2)(A)(E)
3A3120	31	4,037.00	.VANE, A/O TURBINE STG 5	3A2305 (72-50-22-01-350)	(1)(A)(B)(L)
			OR		
3A3123	31		.VANE, A/O TURBINE STG 5	3A1825 (72-50-22-01-350)	(1)(B)(N)
3A3124 (72-50-22-01-371)	1	36.00	..SEAL, SEGMENT HONEYCOMB		(2)(A)(E)
3A3127	33	4,428.00	.VANE, A/O TURBINE STG 6	3A2486 (72-50-22-01-175)	(1)(A)(B)(L)
3A3129 (72-50-22-01-196)	1	68.20	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3132 (72-50-22-01-198)	1	31.50	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
			OR		
3A3140 (72-50-22-01-198)	1	31.50	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3130	32	4,798.00	.VANE, A/O TURBINE STG 7	3A2497 (72-50-22-01-010)	(1)(A)(B)(L)

April 23/10

V2500-ENG-72-0588

REVISION NO. 2 - February 9/18

Page 12

IAE PROPRIETARY INFORMATION

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3A3133 (72-50-22-01-033)	1	38.10	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
			OR		
3A3141 (72-50-22-01-033)	1	38.10	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3134 (72-50-22-01-035)	1	71.70	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A2956	16	2,956.00	.SEAL, A/O SHROUD SEGMENT, STG 7	3A0666 (72-50-23-01-010)	(1)(A)(B)(L)
3A3107 (72-50-23-01-026)	1	94.90	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A2953	33	1,097.00	..SEAL, ASSY SHROUD SEGMENT STG 5	3A1920 (72-50-23-01-150)	(1)(A)(B)(L)
3A3094 (72-50-23-01-171)	1	21.60	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3095 (72-50-23-01-181)	1	21.60	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A2950	31	1,144.00	.SEAL, A/O SEGMENT SHROUD STG 4	3A1918 (72-50-23-01-250)	(1)(A)(B)(L)
3A3091 (72-50-23-01-271)	1	21.80	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3092 (72-50-23-01-281)	1	22.80	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A2947	15	2,397.00	.SEAL, A/O SEGMENT SHROUD STG 3	3A2234 (72-50-23-01-350)	(1)(A)(B)(L)
			OR		
3A3104	15		.SEAL, A/O SEGMENT SHROUD STG 3	3A1916 (72-50-23-01-350)	(1)(B)(N)

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 13

3A3088 (72-50-23-01-371)	1	34.00	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3089 (72-50-23-01-381)	1	29.80	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3108	1	29,060.00	.RING, A/O AIR SEAL STG 3	3A1566 (72-50-24-01-250)	(1)(A)(B)(L)
3A3110 (72-50-24-01-296)	1	512.00	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)
3A3111 (72-50-24-01-306)	1	313.00	..SEAL, SEGMENT, HONEYCOMB		(2)(A)(E)

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.

- (1) The new part can be obtained by modification of the old part as specified in the Accomplishment Instructions.
- (2) The new part is a replacement part only, and cannot be obtained by modification of the old part.

Spare Parts Availability

- (A) The new part is available.
 - (B) Old and new parts are freely and fully interchangeable. Mixed assembly of old and new parts at any place is permitted.
- NOTE: The cell height of the outer honeycomb seals stage 4 and 7 and the honeycomb seals stage 6 and 7 have been reduced by 0.008 in (0,2 mm). Mixed assembly of the previous standard honeycomb seals and the reduced weight honeycomb seals at any place is permitted. With use of these honeycomb configurations, axial steps in the cell height can be seen after assembly.
- (C) The old part will continue to be supplied.
 - (E) Part will be introduced as repair part and used as expendable part during Rework (refer to "Accomplishment Instructions").
 - (L) The old part will be supplied until the supply is fully used.
 - (N) The old part is not available.

Vendor Services or Special Components/Materials

Not Applicable.

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 14

IAE PROPRIETARY INFORMATION

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Tooling — Price and Availability

Special tools are not required to accomplish this Service Bulletin.

Reidentified Parts

Reidentified Parts Data

New PN	Keyword	Old PN
3A3097	VANE, A/O TURBINE STG 4	3A0637CL45
3A3101	VANE, A/O TURBINE STG 4	3A2274
3A3112	VANE, A/O TURBINE STG 4	3A2284
3A3113	VANE, A/O TURBINE STG 4	3A2244
3A3114	VANE, A/O TURBINE STG 4	3A2131
3A3119	VANE, A/O TURBINE STG 4	3A2417
3A3122	VANE, A/O TURBINE STG 5	3A0025CL45
3A3123	VANE, A/O TURBINE STG 5	3A1825
3A3102	SEAL, ASSY SHROUD SEGMENT, STG 3	3A0719
3A3109	RING, A/O AIR SEAL STG 3	3A0961
3A3104	SEAL, A/O SEGMENT SHROUD STG 3	3A1916
3A3105	VANE, A/O TURBINE STG 4	3A2898
3A3120	VANE, A/O TURBINE STG 5	3A2305
3A3127	VANE, A/O TURBINE STG 6	3A2486
3A3130	VANE, A/O TURBINE STG 7	3A2497
3A3087	SEAL, A/O SEGMENT SHROUD STG 3	3A2050
3A2947	SEAL, A/O SEGMENT SHROUD STG 3	3A2234

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 15

IAE PROPRIETARY INFORMATION

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New PN	Keyword	Old PN
3A3090	SEAL, A/O SEGMENT SHROUD STG 4	3A0723
3A2950	SEAL, A/O SEGMENT SHROUD STG 4	3A1918
3A3093	SEAL, A/O SEGMENT SHROUD STG 5	3A0727
3A2953	SEAL, A/O SEGMENT SHROUD STG 5	3A1920
3A2956	SEAL, A/O SEGMENT SHROUD STG 7	3A0666
3A3108	RING, A/O AIR SEAL STG 3	3A1566

Other Material Information Data

Not Applicable.

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 16

IAE PROPRIETARY INFORMATION

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Accomplishment Instructions

Rework Instructions

1. Rework existing Turbine Vane Stage 4 Assembly, PN 3A0637CL45 (72-50-22, 01-550).
 - A. Expendable Parts: Honeycomb Seal Segment PN 3A3116.
 - (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4059, TASK 72-50-22-300-020 (REPAIR 020).
 - (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4574, TASK 72-50-22-300-134, (REPAIR 134).
 - (3) Re-identify reworked parts. Refer to Reference 2, SPM, TASK 70-09-00-400-501. Cross out old part number and vibropeen the new part number adjacent to the old part number.

Reidentified Parts Data

New PN	Old PN
3A3097	3A0637CL45

- B. Recording Instructions.
 - (1) A record of accomplishment is required.
2. Rework existing Turbine Vane Stage 4 Assembly, PN 3A2131 (72-50-22, 01-550).
 - A. Expendable Parts: Honeycomb Seal Segment PN 3A3115.
 - (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4263, TASK 72-50-22-300-082 (REPAIR 082).
 - (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4575, TASK 72-50-22-300-135, (REPAIR 135).
 - (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3114	3A2131

- B. Recording Instructions.
 - (1) A record of accomplishment is required.
3. Rework existing Turbine Vane Stage 4 Assembly, PN 3A2244, (72-50-22, 01-550).
 - A. Expendable Parts: Honeycomb Seal Segment PN 3A3115.
 - (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4323, TASK 72-50-22-300-064 (REPAIR 064).
 - (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4576, TASK 72-50-22-300-136, (REPAIR 136).

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 17

- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3113	3A2244

B. Recording Instructions.

- (1) A record of accomplishment is required.

4. Rework existing Turbine Vane Stage 4 Assembly, PN 3A2274, (72-50-22, 01-550).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3115.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4263, TASK 72-50-22-300-082 (REPAIR 082).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4575, TASK 72-50-22-300-135, (REPAIR 135).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3101	3A2274

B. Recording Instructions.

- (1) A record of accomplishment is required.

5. Rework existing Turbine Vane Stage 4 Assembly, PN 3A2284, (72-50-22, 01-550).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3115.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4323, TASK 72-50-22-300-064 (REPAIR 064).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4576, TASK 72-50-22-300-136, (REPAIR 136).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3112	3A2284

B. Recording Instructions.

(1) A record of accomplishment is required.

6. Rework existing Turbine Vane Stage 4 Assembly, PN 3A2417, (72-50-22, 01-550).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3115.

(1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4367, TASK 72-50-22-300-084 (REPAIR 084).

(2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4577, TASK 72-50-22-300-126, (REPAIR 126).

(3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3119	3A2417

B. Recording Instructions.

(1) A record of accomplishment is required.

7. Rework existing Turbine Vane Stage 4 Assembly, PN 3A2898, (72-50-22, 01-550).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3115.

(1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4367, TASK 72-50-22-300-084 (REPAIR 084).

(2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4577, TASK 72-50-22-300-126, (REPAIR 126).

(3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3105	3A2898

B. Recording Instructions.

(1) A record of accomplishment is required.

8. Rework existing Turbine Vane Stage 5 Assembly, PN 3A0025CL45, (72-50-22, 01-350).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3125.

(1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4051, TASK 72-50-22-300-015 (REPAIR 015).

(2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4578, TASK 72-50-22-300-127, (REPAIR 127).

- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3122	3A0025CL45

B. Recording Instructions.

- (1) A record of accomplishment is required.

9. Rework existing Turbine Vane Stage 5 Assembly, PN 3A1825, (72-50-22, 01-350).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3124.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4168, TASK 72-50-22-300-047 (REPAIR 047).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4579, TASK 72-50-22-300-128, (REPAIR 128).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3123	3A1825

B. Recording Instructions.

- (1) A record of accomplishment is required.

10. Rework existing Turbine Vane Stage 5 Assembly, PN 3A2305, (72-50-22, 01-350).

A. Expendable Parts: Honeycomb Seal segment PN 3A3124.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4331, TASK 72-50-22-300-063 (REPAIR 063).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4580, TASK 72-50-22-300-129, (REPAIR 129).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3120	3A2305

B. Recording Instructions.

(1) A record of accomplishment is required.

11. Rework existing Turbine Vane Stage 6 Assembly, PN 3A2486, (72-50-22, 01-175).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3132 or PN 3A3140 and Honeycomb Seal Segment PN 3A3129.

(1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4431, TASK 72-50-22-300-095 (REPAIR 095) and VRS 4443, TASK 72-50-22-300-101 (REPAIR 101).

(2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4581, TASK 72-50-22-300-130, (REPAIR 130) and VRS4582, TASK 72-50-22-300-131 (REPAIR 131).

(3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3127	3A2486

B. Recording Instructions.

(1) A record of accomplishment is required.

12. Rework existing Turbine Vane Stage 7 Assembly, PN 3A2497, (72-50-22, 01-010).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3133 or PN 3A3141 and Honeycomb Seal Segment PN 3A3134.

(1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4435, TASK 72-50-22-300-099 (REPAIR 099) and VRS4444, TASK 72-50-22-300-102 (REPAIR 102).

(2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4584, TASK 72-50-22-300-133, (REPAIR 133) and VRS4583, TASK 72-50-22-300-132, (REPAIR 132).

(3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3130	3A2497

B. Recording Instructions.

(1) A record of accomplishment is required.

13. Rework existing Shroud Seal Segment Stage 3 Assembly, PN 3A0719, (72-50-23, 01-350).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3103, Honeycomb Seal Segment PN 3A3089.

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 21

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4103, TASK 72-50-23-300-023 (REPAIR 023).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4565, TASK 72-50-23-300-063, (REPAIR 063).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3102	3A0719

B. Recording Instructions.

- (1) A record of accomplishment is required.

14. Rework existing Shroud Seal Segment Stage 3 Assembly, PN 3A1916, (72-50-23, 01-350).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3088, Honeycomb Seal Segment PN 3A3089.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4279, TASK 72-50-23-300-037 (REPAIR 037).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4567, TASK 72-50-23-300-065, (REPAIR 065).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3104	3A1916

B. Recording Instructions.

- (1) A record of accomplishment is required.

15. Rework existing Shroud Seal Segment Stage 3 Assembly, PN 3A2050, (72-50-23, 01-350).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3088, Honeycomb Seal Segment PN 3A3089.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4283, TASK 72-50-23-300-027 (REPAIR 027).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4566, TASK 72-50-23-300-064, (REPAIR 064).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3087	3A2050

B. Recording Instructions.

- (1) A record of accomplishment is required.

16. Rework existing Shroud Seal Segment Stage 3 Assembly, PN 3A2234, (72-50-23, 01-350).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3088, Honeycomb Seal Segment PN 3A3089.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4336, TASK 72-50-23-300-031 (REPAIR 031).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4568, TASK 72-50-23-300-066, (REPAIR 066).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A2947	3A2234

B. Recording Instructions.

- (1) A record of accomplishment is required.

17. Rework existing Shroud Seal Segment Stage 4 Assembly, PN 3A0723, (72-50-23, 01-250).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3091, Honeycomb Seal Segment PN 3A3092.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4093, TASK 72-50-23-300-016 (REPAIR 016).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4569, TASK 72-50-23-300-067, (REPAIR 067).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3090	3A0723

B. Recording Instructions.

- (1) A record of accomplishment is required.

18. Rework existing Shroud Seal Segment Stage 4 Assembly, PN 3A1918, (72-50-23, 01-250).

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 23

- A. Expendable Parts: Honeycomb Seal Segment PN 3A3091, Honeycomb Seal Segment PN 3A3092.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4487, TASK 72-50-23-300-049 (REPAIR 049).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4570, TASK 72-50-23-300-068, (REPAIR 068).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A2950	3A1918

- B. Recording Instructions.

- (1) A record of accomplishment is required.

19. Rework existing Shroud Seal Segment Stage 5 Assembly, PN 3A0727, (72-50-23, 01-150).

- A. Expendable Parts: Honeycomb Seal Segment PN 3A3094, Honeycomb Seal Segment 3A3095.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4084, TASK 72-50-23-300-010 (REPAIR 010).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4571, TASK 72-50-23-300-069, (REPAIR 069).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3093	3A0727

- B. Recording Instructions.

- (1) A record of accomplishment is required.

20. Rework existing Shroud Seal Segment Stage 5 Assembly, PN 3A1920, (72-50-23, 01-150).

- A. Expendable Parts: Honeycomb Seal Segment PN 3A3094, Honeycomb Seal Segment PN 3A3095.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4276, TASK 72-50-23-300-041 (REPAIR 041).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4572, TASK 72-50-23-300-070, (REPAIR 070).

- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A2953	3A1920

B. Recording Instructions.

- (1) A record of accomplishment is required.

21. Rework existing Shroud Seal Segment Stage 7 Assembly, PN 3A0666, (72-50-23, 01-010).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3107.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4080, TASK 72-50-23-300-006 (REPAIR 006).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4573, TASK 72-50-23-300-071, (REPAIR 071).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number

Reidentified Parts Data

New PN	Old PN
3A2956	3A0666

B. Recording Instructions.

- (1) A record of accomplishment is required.

22. Rework existing Air Seal Ring Stage 3 Assembly, PN 3A0961, (72-50-24, 01-250).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3110, Honeycomb Seal Segment PN 3A3111.

- (1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4134, TASK 72-50-24-300-028 (REPAIR 028).
- (2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4564, TASK 72-50-24-300-061, (REPAIR 061).
- (3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3109	3A0961

B. Recording Instructions.

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 25

(1) A record of accomplishment is required.

23. Rework existing Air Seal Ring Stage 3 Assembly, PN 3A1566, (72-50-24, 01-250).

A. Expendable Parts: Honeycomb Seal Segment PN 3A3110, Honeycomb Seal Segment PN 3A3111.

(1) Remove the honeycomb. Refer to Reference 6 or 7, EM, VRS4134, TASK 72-50-24-300-028 (REPAIR 028).

(2) Braze the new honeycomb seal segment. Refer to Reference 6 or 7, EM, VRS4564, TASK 72-50-24-300-061, (REPAIR 061).

(3) Re-identify reworked parts. Refer to Reference 2, SPM TASK 70-09-00-400-501. Cross out old part number and vibropeen adjacent to the existing the new part number.

Reidentified Parts Data

New PN	Old PN
3A3108	3A1566

B. Recording Instructions.

(1) A record of accomplishment is required.



Appendix

Added Data

Internal Reference Information

Revision No.	Reference Document	Origination
Original	EC05VM004 EC05VM004-01 EC05VM004A EC05VM004B EC05VM004C EC05VM004D EC05VM004D-01 EC05VM004D-02 EC05VM004D-03 EC05VM004E EC05VM004E-01 EC05VM004E-02 EC05VM004E-03 EC05VM004F EC05VM004F-01 EC05VM004G EC05VM004H EC05VM004I EC05VM004K	MTU
1	EC05VM004D-03 EC05VM004E-03 EC05VM004I EC05VM004K	MR/IEL
2	EC14VM009	HK/MTU

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

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-V2500-11A	2A4407
CMM-EHC — A1, A5	All	EHC-V2500-11A	2A4409

April 23/10

REVISION NO. 2 - February 9/18

V2500-ENG-72-0588

Page 27



Publication	Engine Model(s)	IAE IETM Pub Ref	P&W Part Number
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	