

STANDARD PRACTICES - ENGINE - INFORMATION - ENGINE -HP COMPRESSOR - TO ANNOUNCE THE
AVAILABILITY OF SPARE PARTS TO SUPPORT VARIOUS REPAIR SCHEMES - NOT APPLICABLE -
MOD.ENG-70-0222

1. Planning Information

A. Effectivity

(1) Aircraft : Airbus A320

(2) Engine : V2500-A1

B. Reason

To announce the availability of newly released Repair Parts.

C. Compliance

For information only.

D. Approval

The part number transactions shown under the MATERIAL INFORMATION portion of this Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. References

(1) Internal Reference No.

EC89VR861,

EC89VR862,

EC89VR863,

EC89VR896,

EC90VR701,

EC90VR702,

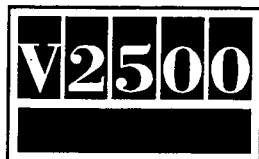
EC90VR703,

EC90VR704,

EC90VR710,

EC90VR711,

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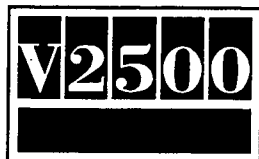
EC90VR713,
EC90VR714,
EC90VR715,
EC90VR716,
EC90VR717,
EC90VR730,
EC90VR731,
EC90VR737,
EC90VR739,
EC90VR753,
EC91VR775,
EC92VR741,
EC92VR755.

F. General Information

New Repair Schemes being introduced into the V2500 Engine Manual which require Special Spare Parts for their accomplishment.

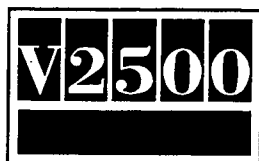
ATA Ref No.	Repair Schemes	Title
72-41-34	VRS6262	Variable Inlet Guide Vane Actuating Ring, Connector Assy-Replace Bush
72-41-21	VRS6253	H.P. Compressor, Stage 10 Case Assy - Replace Spacers
72-41-32	VRS6259	H.P. Compressor, Variable Inlet Guide Vane Assy - Replace Stud
72-41-34	VRS6263	Stage 3 Actuating Ring Connector Assy - Replace Bushes
72-41-34	VRS6240	H.P. Compressor Rear Housing Assy - Replacement of the Bearing
72-41-34	VRS6239	H.P. Compressor Front Housing Assy - Replacement of the Bearing

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72-41-34	VRS6264	Stage 4 Actuating Ring Connector Assy - Replace Bushes
72-41-21	VRS6252	H.P. Compressor - Stage 9 Case Assy - Replace Spacers
72-41-21	VRS6266	H.P. Compressor - Stage 7 Case Assy - Replace Spacers
72-41-23	VRS6278	H.P. Compressor - Rear Outer Case Assy - Replace Location Pins
36-11-47	VRS6403	Air Tubes - Engine - Replace Damaged Tube Lengths
36-11-47	VRS6404	Air Tubes - Engine - Replace Damaged Tube Lengths
72-41-34	VRS6265	VIGV Variable Vane Actuating Ring Assy - Replace Bushes and Loose Fittings
72-41-13	VRS6123	H.P. Compressor - Rear Shaft Assembly - Replacement of Damaged Shank Nuts
72-41-11	VRS6220	H.P. Compressor Stage 3-8 Discs Shaft Assy - Replacement of Damaged Shank Nuts
72-41-23	VRS6306	H.P. Compressor - Rear Outer Case Assembly - Replace Damaged Wire Thread Inserts
72-41-34	VRS6238	Variable Stator Vane Control Rod Connector Assy - Stages 4, 5 and 6 Replacement of Bushes
72-41-34	VRS6192	H.P. Compressor Actuating Mechanism Levers - Replace the Pins
72-41-34	VRS6258	H.P. Compressor Crankshaft Assy - Replace Insert
72-41-34	VRS6194	H.P. Compressor Actuating Mechanism Levers - Replace the Pins
72-42-50	VRS6204	H.P. Compressor Rear Static Seal - Replace Outer Seal Carrier
72-42-50	VRS6201	H.P. Compressor Rear Static Seal - Replace Brush Seal Assy



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72-41-23 VRS6279 H.P. Compressor Rear Outer Case Assy -
Replace Shank Nuts

(For Special Repair Parts required, refer to 'Material Information').

G. Material Information

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Supply Status
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(1) The following Special Repair Part is required to accomplish Repair
VRS6262:

6A2512 (72-41-34)	A/R	48.70	Bush	6A2512 (02-220)	(A)
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(2) The following Special Repair Part is required to accomplish Repair
VRS6253:

UP11144 (72-41-21)	A/R	36.90	Spacer, Rear Flange	UP11144 (04-364)	(A)
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(3) The following Special Repair Parts are required to accomplish Repair
VRS6259:

UP11066 (72-41-32)	A/R	32.70	Stud	UP11066 (01-515)	(A)
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UP11066 (72-41-32)	A/R	32.70	Stud	UP11066 (01-615)	(A)
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(4) The following Special Repair Parts are required to accomplish Repair
VRS6263:

6A2512 (72-41-34)	A/R	48.70	Bush	6A2512 (03-220)	(A)
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6A2512 (72-41-34)	A/R	48.70	Bush	6A2512 (02-220)	(A)
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(5) The following Special Repair Parts are required to accomplish Repair
VRS6240:

RRN362 (72-41-34)	1	2.77	Ring, Retaining	RRN362 (01-768)	(A)
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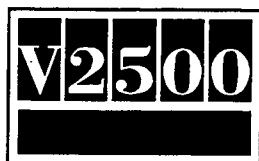


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AS20643 (72-41-34)	1	4.48	Pin, Straight Headless	AS20643 (01-770)	(A)
03-413-40E002 (72-41-34)	1	503.00	Bearing, Spherical-Rear	03-413-40E002 (01-772)	(A)
(6) The following Special Repair Parts are required to accomplish Repair VRS6239:					
RRN362 (72-41-34)	1	2.77	Ring, Retaining	RRN362 (01-738)	(A)
AS20643 (72-41-34)	1	4.48	Pin, Straight Headless	AS20643 (01-740)	(A)
03-413-40E001 (72-41-34)	1	474.00	Bearing, Spherical-Front	03-413-40E001 (01-742)	(A)
(7) The following Special Repair Part is required to accomplish Repair VRS6264:					
UP10815 (72-41-34)	A/R	18.50	Bush	UP10815 (04-220)	(A)
(8) The following Special Repair Part is required to accomplish Repair VRS6252:					
UP11144 (72-41-21)	A/R	36.90	Spacer, Rear Flange	UP11144 (03-814)	(A)
(9) The following Special Repair Parts are required to accomplish Repair VRS6266:					
UP11143 (72-41-21)	A/R	54.30	Spacer, Front Flange	UP11143 (03-513)	(A)
UP11144 (72-41-21)	A/R	36.90	Spacer, Rear Flange	UP11144 (03-514)	(A)
(10) The following Special Repair Parts are required to accomplish Repair VRS6278:					
AS20763 (72-41-23)	A/R	0.77	Ring, Retaining	AS20763 (02-455)	(A)
LK54570 (72-41-23)	A/R	7.55	Pin	LK54570 (02-456)	(A)
(11) The following Special Repair Parts are required to accomplish Repair VRS6403:					

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JR17590 (36-11-47)	A/R	84.40	Sleeve	- (89-253)	(A)
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LK46450 (36-11-47)	A/R	55.60	Sleeve	- (89-256)	(A)
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(12) The following Special Repair Parts are required to accomplish Repair VRS6404:

LK64922 (36-11-47)	A/R	43.90	Tube	- (89-053)	(A)
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LK64923 (36-11-47)	A/R	45.50	Tube	- (89-056)	(A)
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JR17171 (36-11-47)	A/R	48.00	Ring	- (89-153)	(A)
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JR17172 (36-11-47)	A/R	45.30	Tee-Piece	- (89-156)	(A)
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(13) The following Special Repair Parts are required to accomplish Repair VRS6265:

UP11069 (72-41-34)	A/R	16.80	Bush	UP11069 (02-460)	(A)
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6A2860 (72-42-34)	A/R	120.00	Spacer	6A2860 (02-462)	(A)
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6A2861 (72-41-34)	A/R	479.00	Bracket Assy	6A2861 (02-470)	(A)
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6A2863 (72-41-34)	A/R	384.00	Bracket Assy	6A2863 (02-490)	(A)
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UP11069 (72-41-34)	A/R	16.80	Bush	UP11069 (02-560)	(A)
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6A2860 (72-41-34)	A/R	120.00	Spacer	6A2860 (02-562)	(A)
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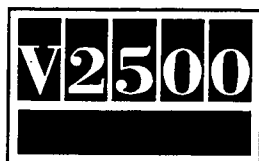
6A2863 (72-41-34)	A/R	384.00	Bracket Assy	6A2863 (02-570)	(A)
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6A2861 (72-41-34)	A/R	479.00	Bracket Assy	6A2861 (02-590)	(A)
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(14) The following Special Repair Parts are required to accomplish Repair VRS6123:

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AS27853 (72-41-13)	A/R	4.83	Nut	AS27853 (01-894)	(A)
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AS27857 (72-41-13)	A/R	9.05	Nut	AS27857 (01-895)	(A)
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(15) The following Special Repair Parts are required to accomplish Repair VRS6220:

AS27862 (72-41-11)	A/R	15.20	Nut	AS27862 (01-238)	(A)
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6A1130 (72-41-11)	A/R	40.50	Plate, Anti-Fretage	6A1130 (01-240)	(A)
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(16) The following Special Repair Parts are required to accomplish Repair VRS6306:

AGS3732 (72-1-23)	A/R	2.11	Insert, Threaded	AGS3732 (02-432)	(A)
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AGS3733 (72-41-23)	A/R	1.86	Insert, Threaded	AGS3733 (02-433)	(A)
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(17) The following Special Repair Parts are required to accomplish Repair VRS6238:

6A4361 (72-41-34)	A/R		Bush	NND2558 (04-370)	(A)
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6A4362 (72-41-34)	A/R		Bush	- (04-372)	(A)
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6A4363 (72-41-34)	A/R		Bush	- (04-374)	(A)
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6A4361 (72-41-34)	A/R		Bush	NND2558 (05-370)	(A)
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6A4362 (72-41-34)	A/R		Bush	- (05-372)	(A)
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6A4363 (72-41-34)	A/R		Bush	- (05-374)	(A)
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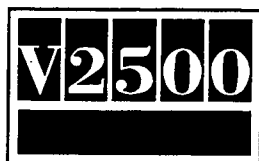
6A4361 (72-41-34)	A/R		Bush	NND2548 (06-370)	(A)
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6A4362 (72-41-34)	A/R		Bush	- (06-372)	(A)
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6A4363 (72-41-34)	A/R	Bush	- (06-374)	(A)
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(18) The following Special Repair Parts are required to accomplish Repair VRS6192:

6A2438 (72-41-34)	A/R	Pin, Shoulder	6A2438 (02-130)	(A)
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6A2438 (72-41-34)	A/R	Pin, Shoulder	6A2438 (03-130)	(A)
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(19) The following Special Repair Parts are required to accomplish Repair VRS6194:

6A2442 (72-41-34)	A/R	Pin, Shoulder	6A2442 (04-110)	(A)
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6A2442 (72-41-34)	A/R	Pin, Shoulder	6A2442 (05-110)	(A)
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6A2442 (72-41-34)	A/R	Pin, Shoulder	6A2442 (06-110)	(A)
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(20) The following Special Repair Parts are required to accomplish Repair VRS6204:

AS16289 (72-42-50)	A/R	Rivet, Solid Universal Head	AS16289 (01-123)	(A)
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AS16330 (72-42-50)	A/R	Rivet, Solid Universal Head	AS16330 (01-124)	(A)
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6A4144 (72-42-50)	1	Seal, Carrier Outer	NND1824 (01-145)	(A)
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(21) The following Special Repair Parts are required to accomplish Repair VRS6201:

AS16288 (72-42-50)	A/R	Rivet, Solid Universal Head	AS16288 (01-120)	(A)
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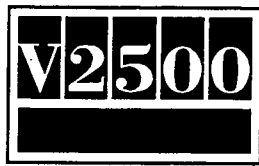
AS16329 (72-42-50)	A/R	Rivet, Solid Universal Head	- (01-121)	(A)
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AS16289 (72-42-50)	A/R	Rivet, Solid Universal Head	AS16289 (01-123)	(A)
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AS16330 (72-42-50)	A/R	Rivet, Solid Universal Head	- (01-124)	(A)
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6A4141	6	Plate, Retaining	NND1825	(A)
(72-42-50)			(01-128)	

6A3933	1	Brush Seal Assy	6A3933	(A)
(72-42-50)			(01-130)	

(22) The following Special Repair Parts are required to accomplish Repair VRS6279:

AS27857	132	Nut, Self Locking Shank	AS27857	(A)
(72-1-23)			(02-510)	

(23) The following Special Repair Parts are required to accomplish Repair VRS6258:

AGS3733	A/R	Insert, Screw Thread	-	(A)
(72-41-34)			(01-613)	

A/R - As Required

H. Supply Status Code Statements

(A) New part number is currently available

NOTE: The estimated 1993 Unit Prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

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