

STANDARD PRACTICES - ENGINE - INFORMATION - ENGINE - PROVIDE REPAIR PARTS FOR VARIOUS
HP COMPRESSOR REPAIRS - NOT APPLICABLE - MOD.ENG-70-0269

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.

EC87VR774A

EC89VR814

EC87VR777

EC92VR770

EC92VR739

EC89VR886

EC89VR854

EC89VR836

EC89VR817

EC89VR813

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EC92VR775

EC92VR750

EC89VR890

EC89VR860

EC89VR837

F. General Information

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

ATA Ref No.	Repair Scheme	Title
75-32-54	VRS6045	HP Compressor Stage 10 Starboard Bleed Seal Carrier – Replace the Seal.
72-41-33	VRS6085	HP Compressor Stage 3 Half Shroud Assy – Replace the Dowel Pins.
75-00-49	VRS6234	HP Compressor Stage 7 Bleed Valve and Cabin Air Duct Assy – Replacement of Insert.
72-41-33	VRS6148	HP Compressor VIGV Shroud Assy – Replace the Dowel Pins.
72-41-23	VRS6216	HP Compressor Stage 7 Borescope Blanking Cover Assy – Replace the Dowels.
72-41-12	VRS6261	HP Compressor Vortex Reducer – Replace Vortex Reducer Tube.
72-41-21	VRS6162	HP Compressor Stage 9 Case Assy – Replace Intrascope Access Port and/or Rivets.
72-41-34	VRS6247	HP Compressor Stage 4 Variable Vane Actuating Ring Assembly – Replace Bushes and Loose Fittings.
72-41-34	VRS6246	HP Compressor Stage 5 Variable Vane Actuating Ring Assembly – Replace Bushes and Loose Fittings.

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72-41-21	VRS6251	HP Compressor Stage 9 Case Assembly - Replacement of the Location Dowel.
73-11-49	VRS6222	HP Compressor Fuel Tube Assemblies - Replacement of Welded Connectors or Adaptors.
72-41-34	VRS6190	HP Compressor Actuating Mechanism Lever - Replace the Pin.
72-41-34	VRS6156	HP Compressor Actuating Ring and Associated Housings - Replacement of the Inserts.
72-41-34	VRS6196	HP Compressor Actuating Mechanism Levers - Replace the Pins.
72-41-34	VRS6202	HP Compressor Stage 5 Actuating Ring Connector Assy - Replacement of the Bushes.

(For special Repair Parts required, see '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 Parts are required to accomplish Repair Scheme VRS6045.

AS16490 (75-32-54)	A/R	0.76	Rivet	- (01-380)	(A)
AS16532 (75-32-54)	A/R	0.60	Rivet	- (01-381)	(A)
ARM944 (75-32-54)	A/R	235.00	Duct, Seal	- (01-386)	(A)

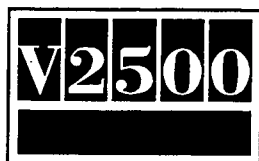
(2) The following Special Repair Parts are required to accomplish Repair Scheme VRS6085.

AS20762 (72-41-33)	A/R	0.82	Ring, Retaining	- (02-220)	(A)
LK41751 (72-41-33)	A/R	13.70	Pin, Locating	- (02-222)	(A)

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(3) The following Special Repair Part is required to accomplish Repair Scheme VRS6234.

AGS3732	A/R	2.23	Insert	-	(A)
(75-00-49)				(01-262)	

(4) The following Special Repair Parts are required to accomplish Repair Scheme VRS6148.

AS20763	A/R	0.82	Ring, Retaining	-	(A)
(72-41-33)				(01-220)	

AS20744	A/R	3.36	Pin	-	(A)
(72-41-33)				(01-222)	

(5) The following Special Repair Part is required to accomplish Repair Scheme VRS6216.

AS44800	1	21.20	Pin	-	(A)
(72-41-23)				(02-110)	

(6) The following Special Repair Part is required to accomplish Repair Scheme VRS6261.

6A3099	A/R	483.00	Tube, Vortex Reducer	-	(A)
(72-41-12)				(01-580)	

(7) The following Special Repair Parts are required to accomplish Repair Scheme VRS6162.

AS16688	A/R	0.76	Rivet	-	(A)
(72-41-21)				(03-842)	

AS16729	A/R	0.76	Rivet	-	(A)
(72-41-21)				(03-843)	

6A5451	A/R	148.00	Boss, Intrascope Access Port	-	(A)
(72-41-21)				(03-844)	

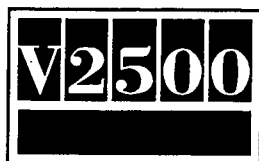
(8) The following Special Repair Parts are required to accomplish Repair Scheme VRS6247.

UP10815	A/R	19.60	Bush	-	(A)
(72-41-34)				(04-460)	

6A2881	A/R	129.00	Bracket Assy	-	(A)
(72-41-34)				(04-470)	

6A2883	A/R	216.00	Bracket Assy	-	(A)
(72-41-34)				(04-490)	

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UP10815 (72-41-34)	A/R	19.60	Bush	- (04-560)	(A)
6A2881 (72-41-34)	A/R	129.00	Bracket Assy	- (04-570)	(A)
6A3685 (72-41-34)	A/R	165.00	Bracket Assy	- (04-580)	(A)
6A2883 (72-41-34)	A/R	216.00	Bracket Assy	- (04-590)	(A)

(9) The following Special Repair Parts are required to accomplish Repair Scheme VRS6246.

UP10815 (72-41-34)	A/R	19.60	Bush	- (05-460)	(A)
6A3681 (72-41-34)	A/R		Bracket Assy (Pre-SB 72-0084)	- (05-470)	(A)
6A2889 (72-41-34)	A/R		Bracket Assy (SB 72-0084)	- (05-470)	(A)
6A2891 (72-41-34)	A/R		Bracket Assy	- (05-490)	(A)
UP10815 (72-41-34)	A/R	19.60	Bush	- (05-560)	(A)
6A2889 (72-41-34)	A/R		Bracket Assy	- (05-570)	(A)
6A2895 (72-41-34)	A/R		Bracket Assy	- (05-580)	(A)
6A2891 (72-41-34)	A/R		Bracket Assy	- (05-590)	(A)
6A3681 (72-41-34)	A/R		Bracket Assy	- (05-620)	(A)

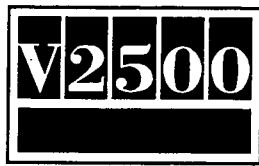
(10) The following Special Repair Parts are required to accomplish Repair Scheme VRS6251.

AS16295 (72-41-21)	A/R		Rivet	- (03-822)	(A)
EY29248 (72-41-21)	A/R		Washer	- (03-824)	(A)

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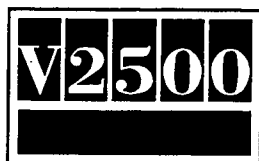
UP10743 (72-41-21)	A/R	10.90	Dowel	- (03-825)	(A)
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(11) The following Special Repair Parts are required to accomplish Repair Scheme VRS6222.

MS9198-11 (73-11-49)	A/R	16.20	Nut, Tube Coupling (Pre-SB 70-0023)	- (11-201)	(A)
MS9197-11 (73-11-49)	A/R	47.90	Nut, Tube Coupling (SB 70-0023)	- (11-201)	(A)
UP11088 (73-11-49)	A/R	29.80	Connector, Tube	- (11-202)	(A)
UP11084 (73-11-49)	A/R	245.00	Connector, Four Way	- (11-218)	(A)
MS9198-09 (73-11-49)	A/R	16.30	Nut, Tube Coupling (Pre-SB 70-0023)	- (12-201)	(A)
MS9197-09 (73-11-49)	A/R	12.70	Nut, Tube Coupling (SB 70-0023)	- (12-201)	(A)
UP11087 (73-11-49)	A/R	29.80	Connector, Tube	- (12-202)	(A)
MS9198-09 (73-11-49)	A/R	16.30	Nut, Tube Coupling (Pre-SB 70-0023)	- (12-601)	(A)
MS9197-09 (73-11-49)	A/R	12.70	Nut, Tube Coupling (SB 70-0023)	- (12-601)	(A)
UP11087 (73-11-49)	A/R	29.80	Connector, Tube	- (12-602)	(A)
MS9198-09 (73-11-49)	A/R	16.30	Nut, Tube Coupling (Pre-SB 70-0023)	- (13-201)	(A)
MS9197-11 (73-11-49)	A/R	12.70	Nut, Tube Coupling (SB 70-0023)	- (13-201)	(A)
UP11087 (73-11-49)	A/R	29.80	Connector, Tube	- (13-202)	(A)
UP11121 (73-11-49)	A/R	152.00	Adaptor	- (13-218)	(A)
MS9198-08 (73-11-49)	A/R	14.60	Nut, Tube Coupling (Pre-SB 70-0023)	- (14-201)	(A)

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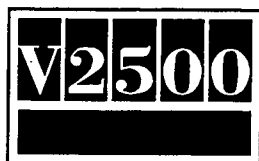
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MS9197-08 (73-11-49)	A/R	17.80	Nut, Tube Coupling (SB 70-0023)	- (14-201)	(A)
UP11086 (73-11-49)	A/R	29.80	Connector, Tube (SB 70-0023)	- (14-202)	(A)
MS9198-08 (73-11-49)	A/R	14.60	Nut, Tube Coupling (Pre-SB 70-0023)	- (15-201)	(A)
MS9197-08 (73-11-49)	A/R	17.80	Nut, Tube Coupling (SB 70-0023)	- (15-201)	(A)
UP11086 (73-11-49)	A/R	29.80	Connector, Tube	- (15-202)	(A)
MS9198-08 (73-11-49)	A/R	14.60	Nut, Tube Coupling (Pre-SB 70-0023)	- (16-201)	(A)
MS9197-08 (73-11-49)	A/R	17.80	Nut, Tube Coupling (SB 70-0023)	- (16-201)	(A)
UP11086 (73-11-49)	A/R	29.80	Connector Tube	- (16-202)	(A)
UP11120 (73-11-49)	A/R	152.00	Adaptor	- (16-218)	(A)
MS9198-08 (73-11-49)	A/R	14.60	Nut, Tube Coupling (Pre-SB 70-0023)	- (18-201)	(A)
MS9197-08 (73-11-49)	A/R	17.80	Nut, Tube Coupling (SB 70-0023)	- (18-201)	(A)
UP11086 (73-11-49)	A/R	29.80	Connector Tube	- (18-202)	(A)
MS9198-09 (73-11-49)	A/R	16.30	Nut, Tube Coupling (Pre-SB 70-0023)	- (19-201)	(A)
MS9197-09 (73-11-49)	A/R	12.70	Nut, Tube Coupling (SB 70-0023)	- (19-201)	(A)
UP11087 (73-11-49)	A/R	29.80	Connector Tube	- (19-202)	(A)
UP11085 (73-11-49)	A/R	245.00	Connector, Four Way	- (19-602)	(A)
MS9198-11 (73-11-49)	A/R	16.20	Nut, Tube Coupling (Pre-SB 70-0023)	- (19-641)	(A)

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MS9197-11 (73-11-49)	A/R	47.90	Nut, Tube Coupling (SB 70-0023)	- (19-641)	(A)
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UP11088 (73-11-49)	A/R	29.80	Connector, Tube	- (19-642)	(A)
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(12) The following Special Repair Parts are required to accomplish Repair Scheme VRS6190.

6A2434 (72-41-34)	A/R	35.70	Pin, Shoulder	- (02-110)	(A)
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6A2434 (72-41-34)	A/R	35.70	Pin, Shoulder	- (02-150)	(A)
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6A2434 (72-41-34)	A/R	35.70	Pin, Shoulder	- (03-110)	(A)
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6A2434 (72-41-34)	A/R	35.70	Pin, Shoulder	- (03-150)	(A)
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(13) The following Special Repair Parts are required to accomplish Repair Scheme VRS6156.

AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (02-473)	(A)
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AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (02-493)	(A)
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AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (02-573)	(A)
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AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (02-593)	(A)
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AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (02-736)	(A)
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AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (02-756)	(A)
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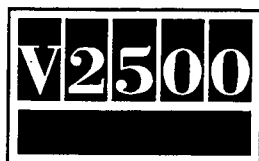
AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (03-483)	(A)
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AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (03-493)	(A)
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AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (03-583)	(A)
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AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (03-593)	(A)
AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (03-736)	(A)
AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (04-493)	(A)
AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (04-593)	(A)
AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (05-493)	(A)
AGS3732 (72-41-34)	A/R	2.23	Insert, Screw Thread	- (05-593)	(A)

(14) The following Special Repair Parts are required to accomplish Repair Scheme VRS6196.

6A2444 (72-41-34)	A/R		Pin, Shoulder	- (04-130)	(A)
6A2444 (72-41-34)	A/R		Pin, Shoulder	- (05-130)	(A)
6A2444 (72-41-34)	A/R		Pin, Shoulder	- (05-150)	(A)
6A2444 (72-41-34)	A/R		Pin, Shoulder	- (06-130)	(A)
6A2444 (72-41-34)	A/R		Pin, Shoulder	- (06-150)	(A)

(15) The following Special Repair Part is required to accomplish Repair Scheme VRS6202.

UP10815 (72-41-34)	A/R	19.60	Bush	- (05-220)	(A)
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H. Supply Status Code Statement

(A) New part number is currently available.

NOTE: The estimated 1994 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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