

ENGINE - SEAL, NO. 1 STRUT FIRE SHIELD - REPLACEMENT OF - CATEGORY CODE 6 -
MOD.ENG-72-0230

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Airbus A320
(b) Airbus A321
- (2) Engine: (a) V2500-A1 Engines prior to serial number V0362
(b) V2527-A5 Engines prior to serial number V10131
(c) V2530-A5 Engines prior to serial number V10131

B. Concurrent Requirements

- (1) Service Bulletin V2500-ENG-72-0216 must be incorporated prior to or concurrent with this service bulletin.

C. Reason

(1) Condition

Existing seal assemblies are difficult to install.

(2) Background

Existing seal assemblies can only be installed at aircraft installation of engine.

(3) Objective

To enable seal assemblies to be installed at engine level.

(4) Substantiation

Trial fit check of new seal assemblies on a test unit was proven successful.

(5) Impact of Bulletin on Workshop Procedures:

V2500-ENG-72-0230



SERVICE BULLETIN

Removal/Installation	Affected
Disassembly/Assembly	Not Affected
Cleaning	Not Affected
Inspection/Repair	Not Affected
Repair	Not Affected
Testing	Not Affected

(6) Supplemental Information

Removal/Installation of the post service bulletin configuration is affected due to the incorporation of one piece seal assemblies.

D. Description

The change introduced by this bulletin is to replace the existing two piece No. 1 strut fire shield assemblies with modified one piece seal assemblies.

E. Approval

The part number changes and/or part modifications described in Section 2 and 3 of this service bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-approved for the engine model(s) listed.

F. Compliance

Category 6

Accomplish when the nacelle subassembly (i.e., accessories, componenets) is disassembled sufficiently to afford access to the affected part and to all affected spare parts.

G. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

VENUE	ESTIMATED MANHOURS
(1) In Service	Not applicable
(2) At overhaul	Not applicable (parts are accessible at overhaul)

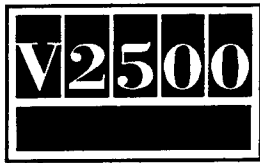
H. Material Cost and Availability

Modification kit not required. Parts supplied as single line items (Refer to section 3, Material Information).

I. Tooling Cost and Availability

None required.

V2500-ENG-72-0230



SERVICE BULLETIN

J. Weight and Balance

- (1) Weight Change. No effect
- (2) Moment Arm No effect
- (3) Datum Engine Front Mount Centerline
. Power Plant Station (PPS) 100.00

K. Electrical Load Data

Not affected.

L. References

- (1) Internal Reference No.

94VN001/A
- (2) Other References

IAE V2500 Standard Practices/Processes
Manual (SPP-V2500-1IA)

Aircraft Modifications 21948 and 24259

M. Other Publications Affected

A320/V2500-A1 and A320/A321/V2500-A5	71-00-20
Engine Illustrated Parts Catalog	71-51-46
(S-V2500-1IA) and (S-V2500-2IA)	72-32-00
	72-32-03
A320/V2500A1 and A320/A321/V2500A5	71-00-20
Power Plant Illustrated Parts Catalog	71-51-46
(PIP-V2500-1IA) and (PIP-V2500-2IA)	72-32-00
	72-32-03
A320/V2500-A1/A320/A321/V2500-A5	72-00-32
Engine Manual (E-V2500-1IA)	



2. Accomplishment Instructions

A. Prerequisite Instructions

None.

B. Rework and Modification Instructions

- (1) Install 740-0553-501 seal assembly and 740-0553-502 seal assembly on engine No. 1 strut fairing with four NAS1802- 04-5 screws. Tighten screws to a torque of 6-8 lbfin.
- (2) Reidentify the LPC/Intermediate Case module by the approved procedure in IAE V2500 Standard Practices/Processes Manual

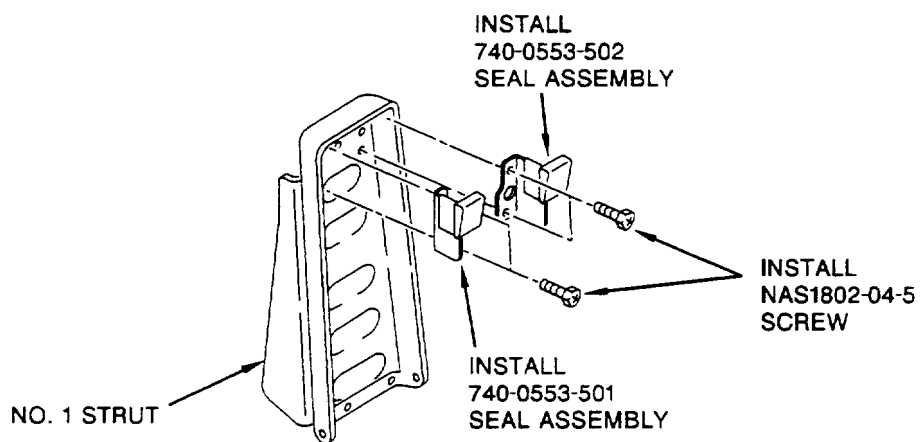
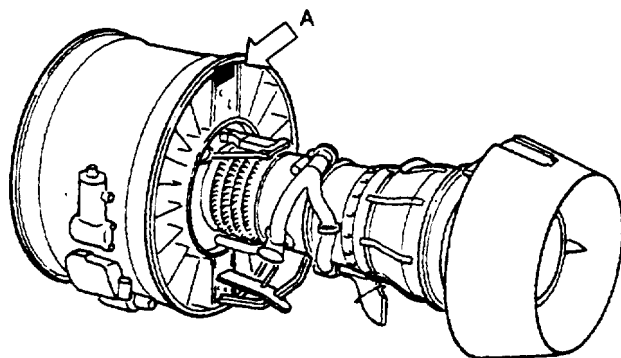
Old Part Number	New Part Number
5W0156	5W0160
5W0157	5W0155
5W0016	5W0161
5W0102	5W0162
5W0127	5W0163
5W0142	5W0164
5W0153	5W0165

C. Post-requisite Instructions

None.

D. Recording Instructions

A record of accomplishment is necessary. Note in engine log that Service Bulletin V2500-ENG-72-0230 has been done.



DETAIL AT A

NO. 1 STRUT FORE SHIELD REPLACEMENT.
Fig.1

ded0000866



SERVICE BULLETIN

3. Material Information

Applicability: For each V2500-A1, V2527-A5, and V2530-A5 Engine to incorporate this bulletin.

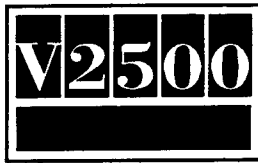
A. Kits associated with this bulletin:

None.

B. Parts affected by this bulletin:

NEW PART NO (ATA NO)	(QTY)	EST'D UNIT PRICE	KEYWORD	OLD PART NO (IPC NO)	INSTR/ DISPOS
---	1		.Seal Assy	740-0547-503 (03-050)	(B) (S1)
---	3		.Rivet	CR3523-5-3 (03-055)	(B) (S1)
---	1		.Seal Assy	740-0547-504 (03-080)	(B) (S1)
---	3		.Rivet	CR3523-5-3 (03-085)	(B) (S1)
740-0553-501 (71-51-46)	1	\$417.00	.Shield, Fire Seal	--- (02-400)	(A)(C) (S1)
NAS1802-04-5 (71-51-46)	2	\$2.00	.Screw	--- (01-410)	(A)(E) (S1)
740-0553-502 (71-51-46)	1	\$399.00	.Shield, Fire Seal	--- (01-420)	(A)(F) (S1)
NAS1802-04-5 (71-51-46)	2	\$2.00	.Screw	--- (01-430)	(A)(G) (S1)
5W0160 (72-32-00)	1		.LPC/Intermed Case Module	5W0156 (01-001)	(1D)(S1)
5W0155 (72-32-00)	1		.LPC/Intermed Case Module	5W0157 (01-001)	(1D)(S1)
5W0161 (72-32-00)	1		.LPC/Intermed Case Module	5W0016 (01-001)	(1D)(S1)

V2500-ENG-72-0230



SERVICE BULLETIN

Printed in Great Britain

5W0162 (72-32-00)	1	.LPC/Intermed Case Module	5W0102 (01-001)	(1D)(S1)
5W0163 (72-32-00)	1	.LPC/Intermed Case Module	5W0127 (01-001)	(1D)(S1)
5W0164 (72-32-00)	1	.LPC/Intermed Case Module	5W0142 (01-001)	(1D)(S1)
5W0165 (72-32-00)	1	.LPC/Intermed Case Module	5W0153 (01-001)	(1D)(S1)
5W0166 (72-32-00)	1	.LPC/Intermed Case Module	5W0130 (01-001)	(1D)(S1)
5W0167 (72-32-00)	1	.LPC/Intermed Case Module	5W0150 (01-001)	(1D)(S1)
- - - (72-32-03)	1	.Shield, Fire Seal	740-0500-503 (02-400)	(B)(S1)
- - - (72-32-03)	2	.Screw	NAS1802-04-6 (02-410)	(B)(S1)
- - - (72-32-03)	1	.Shield, Fire Seal	740-0500-504 (02-420)	(B)(S1)
- - - (72-32-03)	2	.Screw	NAS1802-04-6 (02-430)	(B)(S1)

C. Instruction/Disposition Code Statements:

- (A) New part Is currently available.
- (B) Old part is no longer available.
- (1D) Old part may be reworked and reidentified to the new part number.
- (C) Part transferred from 72-32-03, 02-400.
- (E) Part transferred from 72-32-03, 02-410.
- (F) Part transferred from 72-32-03, 02-420.
- (G) Part transferred from 72-32-03, 02-430.
- (S1) Old and new parts are interchangeable in complete sets.

V2500-ENG-72-0230



International Aero Engines

SERVICE BULLETIN

NOTE: The estimated 1996 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the Rohr Price Catalog or contact Rohr's Customer Support Department for information concerning firm prices.

Printed in Great Britain

V2500-ENG-72-0230

Feb. 10/96

Page 8