

ENGINE – FUEL AND CONTROL – REPLACE THE FUEL NOZZLE TRANSFER TUBE PREFORMED PACKINGS
WITH MORE TEMPERATURE RESISTANT PACKINGS – CATEGORY CODE 6 – MOD.ENG-73-0036

1. Planning Information

A. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: The V2500-A1 Engines which follow are candidates for incorporation of this Service Bulletin:
 - (a) V2500-A1 Engines before Serial No. V0210
 - (b) V2500-A1 Engine Serial No. V0222

B. Reason

(1) Condition

The Fuel Nozzle Transfer Tube Preformed Packings now in use have less temperature resistance and can sometimes be damaged during assembly.

(2) Background

The new preformed packings are more temperature resistant and are resistant to damage that can be caused during assembly. The new preformed packings are made from the same material as those used in other engine models.

(3) Objective

To improve the temperature resistance and decrease the risk of damage at assembly.

(4) Substantiation

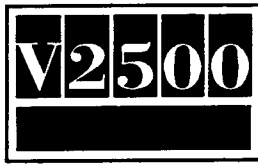
Many hours of service experience in other engine models.

(5) Effects of Bulletin on Workshop Procedures:

Removal/Installation	Not affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Not affected
Repair	Not affected
Testing	Not affected

(6) Supplemental Information

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None.

C. Description

- (1) To replace the Fuel Nozzle Transfer Tube Preformed Packings with Packings that are made from a material which has more resistance to temperature and damage.

D. 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 listed.

E. Compliance

Category Code 6

Accomplish when the subassembly (i.e. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected part and to all affected spare parts.

F. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In service	Not applicable
(2) At overhaul	Not applicable

(Note: The Parts affected by this Service Bulletin are accessible at Overhaul.)

G. Material - Price and Availability

- (1) Modification Kit not required.
- (2) See "Material Information" section for prices and availability of future spares.

H. Tooling - Price and Availability

Special tools are not required.

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SERVICE BULLETIN

I. Weight and Balance

- | | | | | | |
|-----|---------------|----|----|----|-----------------------------------------------------------------|
| (1) | Weight change | .. | .. | .. | None |
| (2) | Moment arm | .. | .. | .. | No effect |
| (3) | Datum | .. | .. | .. | Engine front mount centerline
(Powerplant Station P.P.S.100) |

J. Electrical Load Data

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

K. References

- (1) Internal Reference No.

90VA151

- (2) Other references

V2500 Engine Manual.

L. Other Publications Affected

- (1) The V2500 Illustrated Parts Catalog, Chapter/Section 73-11-41, Figures 1, 2, and 3, to add the new parts.

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2. Accomplishment Instructions

A. Rework Instructions

- (1) None

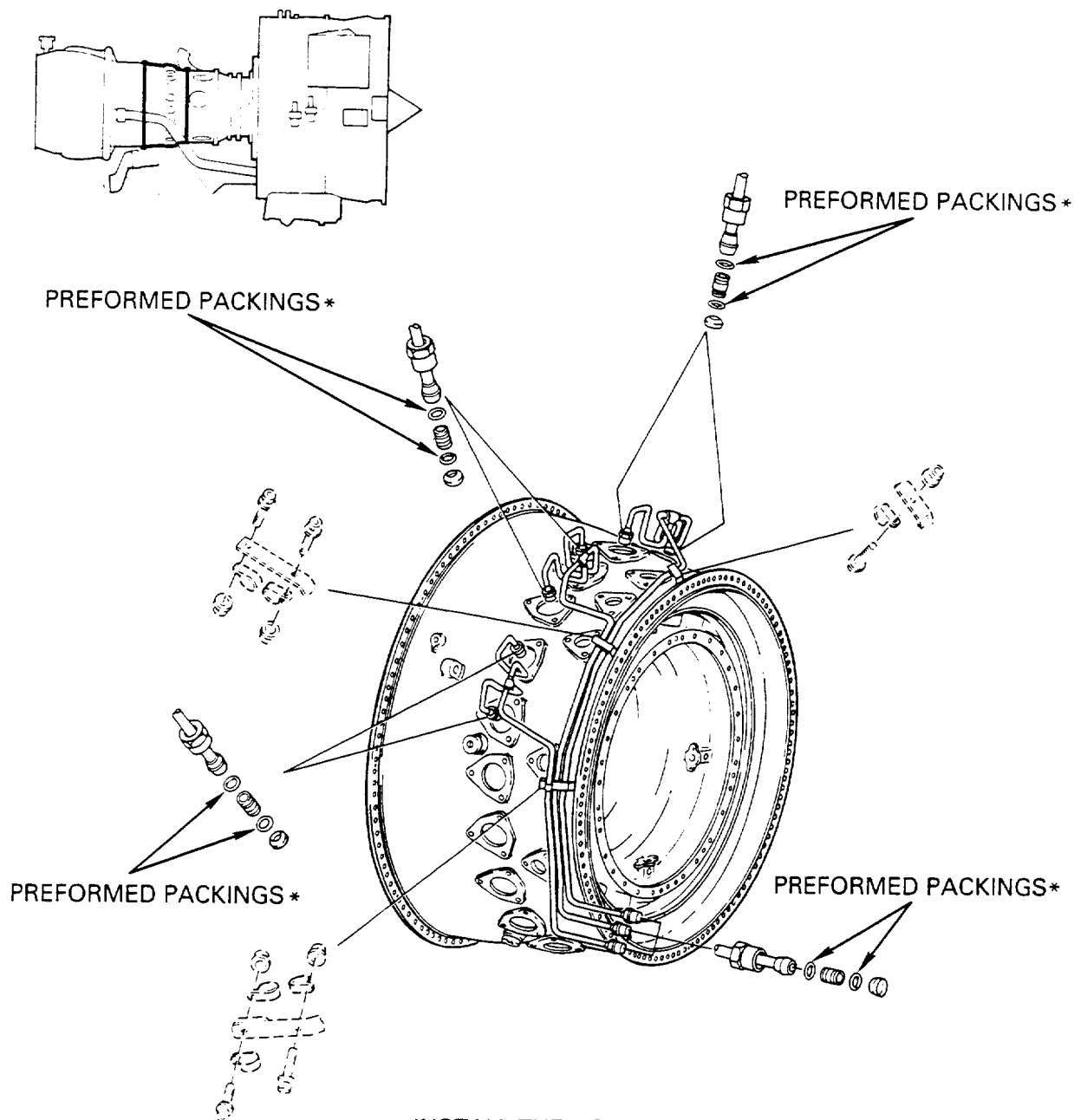
B. Assembly Instructions

CAUTION: WHEN YOU REPLACE THE FUEL NOZZLE TRANSFER TUBE PACKINGS, MAKE SURE THAT NO PIECES OF THE OLD PACKING REMAIN IN THE INLET PORTS OF THE FUEL NOZZLES AND THE FUEL DISTRIBUTION VALVE OR ON THE FUEL LINE CONNECTORS. IT IS IMPORTANT FOR THE FUEL SYSTEM TO STAY CLEAN SO THAT IT CAN OPERATE CORRECTLY.

- (1) When the Diffuser and Combustion Chamber Group is assembled by the instructions given in Reference (1), Chapter Section 72-42-00, Assembly, install the AS3209-010 Preformed Packings (60 off) at the locations given in Figure 1.

C. Recording Instructions

- (1) A record of accomplishment is necessary.

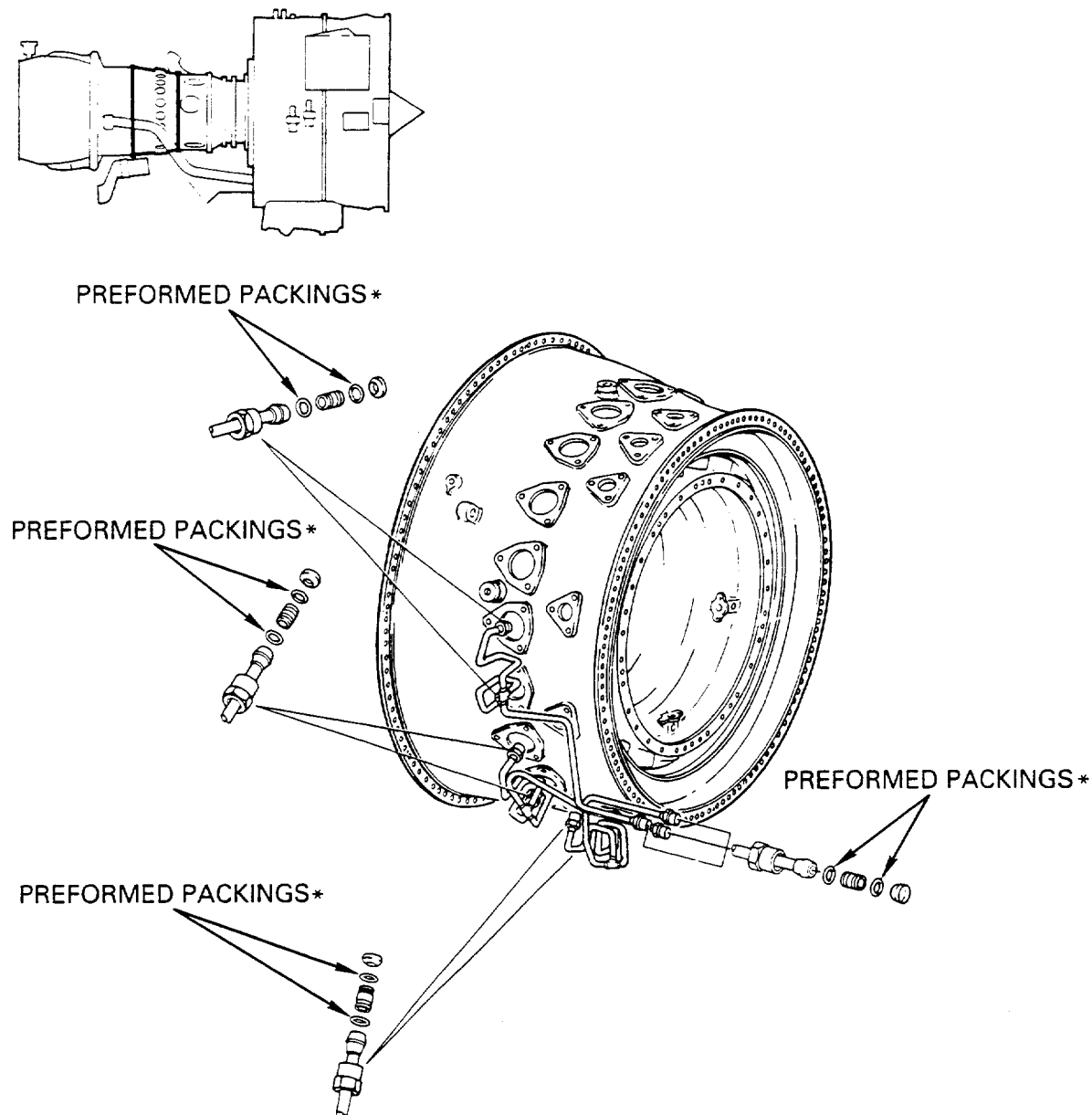


*INSTALL THE AS3209 - 010
PREFORMED PACKINGS (18 Off)

B5229

Location of The Preformed Packings
Fig.1 Sheet 1 of 3

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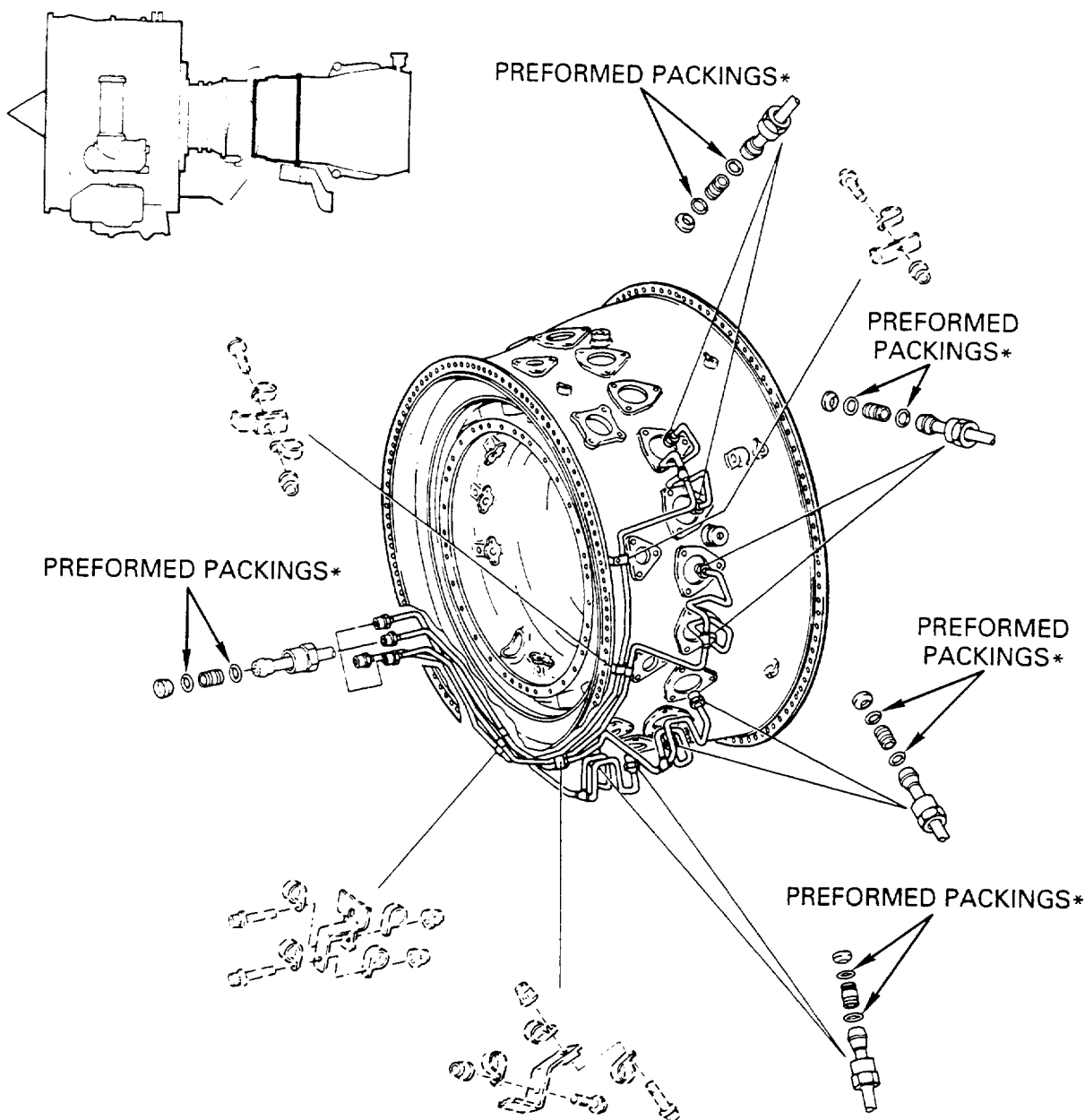


*INSTALL THE AS3209 - 010
PREFORMED PACKINGS (18 Off)

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Location of The Preformed Packings
Fig.1 Sheet 2 of 3

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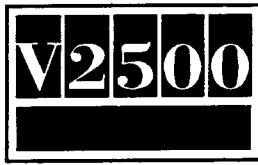


*INSTALL THE AS3209 - 010
PREFORMED PACKINGS (24 Off)

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Location of The Preformed Packings
Fig.1 Sheet 3 of 3

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3. Material Information

Applicability: For each V2500 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.)	Instructions Disposition
AS3209-010 (73-11-41)	60	.31	Packing - Preformed, AMS 7276 Ring	MS9967-010 (01-010) (02-001) (03-001)	(A) (B) (S1)

C. Instructions/Disposition Code Statements:

(A) New part is currently available.

(B) Old part will no longer be available.

(S1) Old Parts and New Parts are freely and fully interchangeable both physically and functionally.

NOTE: The estimated 1991 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.