



ENGINE - LP TURBINE ASSEMBLY - REPLACEMENT OF LP TURBINE ROTOR BOLTS - CATEGORY CODE 6  
- MOD.ENG-72-0015

1. Planning Information

A. Effectivity

(1) Aircraft: Airbus A320

(2) Engine: V2500-A1 Engines prior to Serial Number V0129 except V0003, V0004, V0005, V0008, V0010, V0019, V0049, V0124, V0126 and V0127

NOTE: It is understood that all engines affected by this Service Bulletin have never been disassembled.

B. Reason

The Engine Serial Numbers listed above may have LP Turbine Rotor Bolts installed which do not fully comply with IAE specifications.

Tests and detailed inspection of LP Turbine Rotor Bolts have shown that some bolts were not delivered as specified.

C. Compliance

Category Code 6

Accomplish when the subassembly (ie. Modules, Accessories, Components, Build Groups) is disassembled sufficiently to afford access to the affected part and to all affected spare parts.

D. Approval

The 'compliance' statement and the procedures described in paragraph F. 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. References

(1) Internal Reference No.

91VM501

(2) Other References

V2500 Engine Illustrated Parts Catalogue

V2500 Engine Manual

V2500-ENG-72-0015



**F. Actions**

- (1) Install new P/N 3A0062 Double Hex Head Bolts (108 off) by the instructions given in Reference (3), 72-50-10, Assembly 04, Assembly 06 and Assembly 10. Refer to Figure 1.
- (2) Install new P/N 3A0069 Tee Head Bolts (36 off) by the instructions given in Reference (3), 72-50-10, Assembly 08. Refer to Figure 1.
- (3) Install new P/N 3A0061 Tee Head Bolts (36 off) by the instructions given in Reference (3), 72-50-30, Assembly 01. Refer to Figure 1.

**G. Recording Instructions**

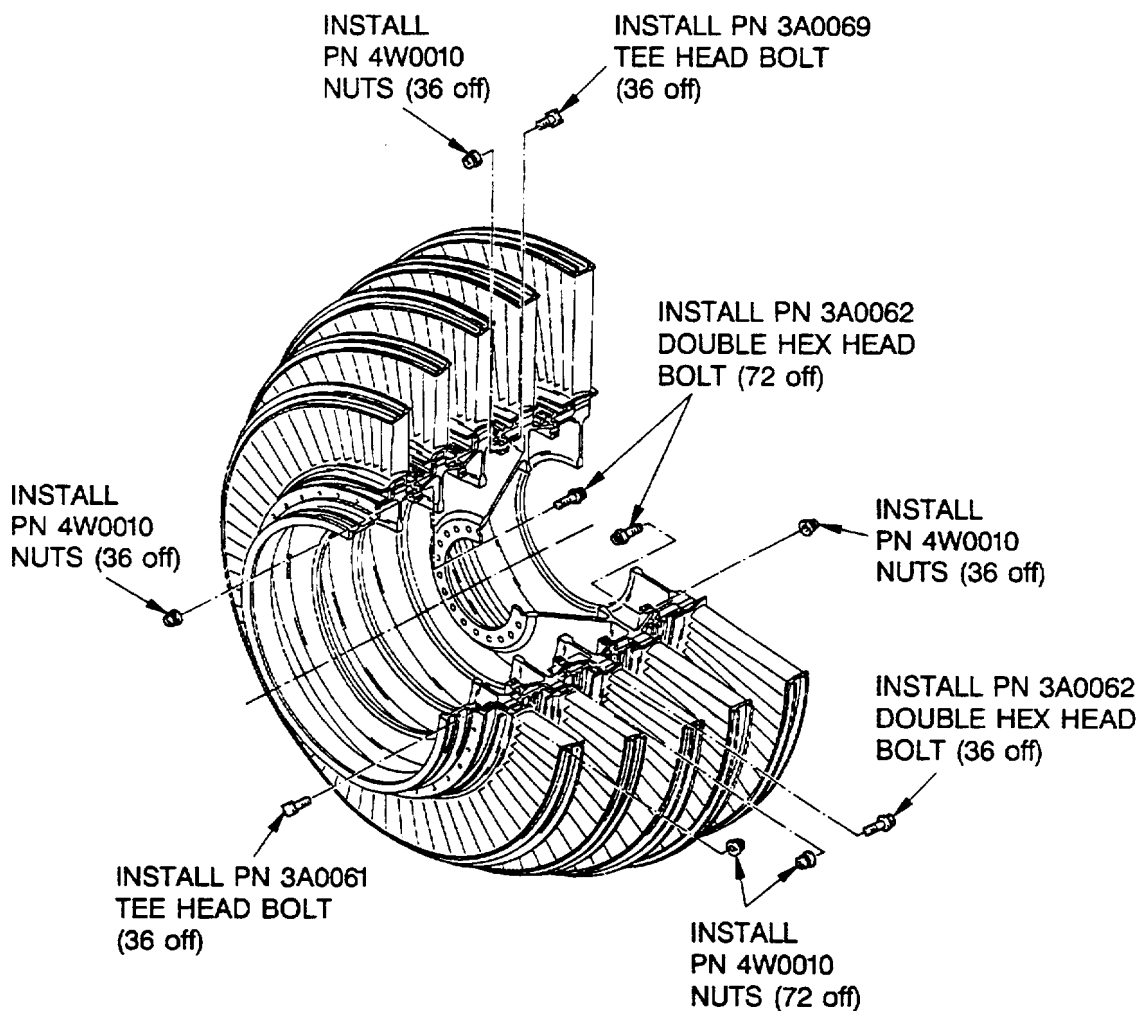
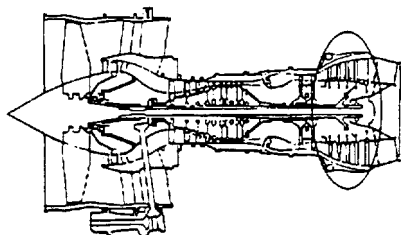
NOTE: Accomplishment of this Service Bulletin is only given if the LP Turbine Rotor have been fully disassembled and reassembled with new bolts.

- (1) A record of accomplishment is necessary.



2. Accomplishment Instructions

Not applicable



Location of LP Turbine Rotor Bolts  
Fig.1

V2500-ENG-72-0015



## SERVICE BULLETIN

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
3A0062 (72-50-10)	36	---	Bolt, Close Tol. Double Hex Head	3A0062 (01-050)	(A) (S1)
3A0069 (72-50-10)	36	---	Bolt, Close Tol. Tee Head	3A0069 (01-150)	(A) (S1)
3A0062 (72-50-10)	36	---	Bolt, Close Tol. Double Hex Head	3A0062 (01-200)	(A) (S1)
3A0062 (72-50-10)	36	---	Bolt, Close Tol. Double Hex Head	3A0062 (01-250)	(A) (S1)
3A0061 (72-50-10)	36	---	Bolt, Close Tol. Tee Head	3A0061 (01-350)	(A) (S1)

C. Instruction/Disposition Code Statements:

(A) Removed parts should be discarded and new ones must be used during LP Turbine reassembly.

(S1) Old and new parts are visually identical.

D. Expandable parts required to incorporate this Service Bulletin

Part No.	ATA/IPC No.	Qty	Keyword
4W0010	72-50-10, 01-120	36	Nut, Self Locking Double Hex
4W0010	72-50-10, 01-170	36	Nut, Self Locking Double Hex
4W0010	72-50-10, 01-220	36	Nut, Self Locking Double Hex

V2500-ENG-72-0015



## SERVICE BULLETIN

4W0010	72-50-10, 01-320	36	Nut, Self Locking Double Hex
4W0010	72-50-10, 01-370	36	Nut, Self Locking Double Hex

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.

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V2500-ENG-72-0015