



SERVICE BULLETIN

AIR - REPLACE THE HPT/LPT ACC AIR VALVE (FOR CONTROLLED SERVICE USE) - CATEGORY CODE -
NOT APPLICABLE - MOD.ENG-75-0018

1. PLANNING INFORMATIONA. Effectivity

(1) Aircraft: Airbus A320

(2) Engine: Only those V2500 Engines listed below:

Engine Serial - V0023, V0028, V0045, V0050, V0052, V0053, V0070, V0071
and V0073

B. Reason

To gain service experience on a new HPT/LPT ACC Valve Assembly featuring new valve vanes with single seal ring on both of HPT and LPT valve vanes and four holes on HPT valve vane. This configuration should prevent seal ring coming out and valve seizure and decrease HPT blade tip clearance by additional cooling air which will improve engine performance.

C. Compliance

Category Code

Not Applicable

This Service Bulletin is released for purposes of controlled service introduction.

D. Approval

The requirements specified 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.

90VJ005A

(2) Other References

A320 Aircraft Maintenance Manual

V2500 Standard Practices/Processes Manual

V2500-ENG-75-0018

May.29/90

Page 1 of 3



Parker Hannifin Service Bulletin No. 5860016-75-60

F. Action

- (1) Open the Fan Cowls by the approved procedure in Reference (1), Chapter/Section 71-13-00, Maintenance Practices.
- (2) Open the Thrust Reverser Halves by the approved procedure in Reference (1), Chapter/Section 78-32-00, Maintenance Practices.
- (3) Remove 5W2184 or 5W2185 HPT/LPT ACC Air Valve Assembly by the approved procedure in Reference (1), Chapter/Section 75-24-51, Removal/Installation.
- (4) Install the 5W2216 HPT.LPT ACC Air Valve Assembly by the approved procedure in Reference (1), Chapter/Section 75-24-51,
- (5) Close the Thrust Reverser Halves by the approved procedure in Reference (1), Chapter/Section 78-32-00, Maintenance Practices.
- (6) Close the Fan Cowls by the approved procedure in Reference (1), Chapter/Section 71-13-00, Maintenance Practices.
- (7) At the next shop visit of the engine do the following steps.
 - (a) Replace the 5W2216 HPT/LPT ACC Air Valve Assembly with an ordinary serviceable unit by the approved procedure in Reference (1), Chapter/Section 75-24-51, Removal/Installation.
 - (b) Send removed 5W2216 HPT/LPT ACC Air Valve Assembly with time and cycle history to:

PARKER HANNIFIN CORPORATION
Customer Support Commercial Division
1666 Von Karman Avenue
Irvine, California 92714
USA

V2500-ENG-75-0018



SERVICE BULLETIN

2. Material Information

Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kits associated with the 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
5W2216 (75-24-51)	1	-	Valve assembly, HPT/LPT ACC air	5W2184 or 5W2185 (01-100)	(A)(B)

C. Instruction/Disposition Code Statements:

(A) Obtain the new part number from the IAE representative.

(B) Return all removed valves to the vendor for refurbishment.

D. Expendable parts required to incorporate this bulletin

MS24665- 151	3	0.17	Pin, Cotter
-----------------	---	------	-------------

V2500-ENG-75-0018

