



V2500 Propulsion System — Nacelle

SERVICE BULLETIN

NACELLE - POWER PLANT - DRAINS MAST,
BOLTS - REPLACEMENT OF

MODEL APPLICATION

V2500-A1

BULLETIN INDEX LOCATOR

71-71-00

Compliance Category Code

5

Internal Reference No.

SR/RM 89VN040

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1. Planning Information

A. Effectivity

- (1) Airplane: Airbus A320
- (2) Nacelle: V2500-A1 Nacelles
 - (a) Engine Buildup Units

The intent of this Service Bulletin was incorporated at the manufacturer on Engine Buildup Units Cum Unit No. 81 and on.

The following EBU Cum Units were not changed at the manufacturer. They can be modified by incorporating this Service Bulletin using Kit V2571017-551.

<u>EBU Cum Unit Number</u>	<u>Qty of Kits V2571017-551</u>
1 thru 13, 16 thru 20, 22, 25, 26, 32, 34, 37, 38, 40 thru 42, 45, 46, 48 thru 50, 52 thru 59, 61, 62, 67 thru 69, 72, 73, 79, and 80	70

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B. Reason

(1) Condition

The drawing shows four mushroom head bolts for the installation of the drains mast. It is not possible to install mushroom head bolts in the cast drains mast because the four bolt holes have been countersunk. Countersink head bolts must be used.

(2) Background

The mushroom head bolts were used to attach the 740-5676-503 drains mast. This drains mast was replaced by the 740-5725-501 drains mast which is cast. Only countersink head bolts can be used to attach the 740-5725-501 drains mast.

(3) Objective

To improve the design of the engine and to maintain engine reliability.

(4) Substantiation

Not applicable.

(5) Impact of Bulletin on:

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

(6) Supplemental Information

None.

C. Description

(1) The change introduced by this Bulletin is as follows:

The four A114-2-E mushroom head bolts are replaced by four NAS7204 A5 countersink head bolts to attach the 740-5725-501 drains mast.



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D. Approval

This Nacelle Service Bulletin is approved by Airbus Industrie.

E. Compliance

Category 5

Accomplish when the Nacelle or system is disassembled sufficiently to afford access to the affected subassembly and to all affected spare subassemblies.

F. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

<u>VENUE</u>	<u>ESTIMATED MANHOURS</u>
(1) In Service	
(a) To gain access	0.2 M/HRS.
(b) To embody	0.2 M/HRS.
(c) To return nacelle to service	<u>0.2</u> M/HRS.
TOTAL	0.6 M/HRS.

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G. Material Cost and Availability

The parts to accomplish this Service Bulletin are available from the supplier as Kits V2571017-551 at no cost to the operator.

Operators with units listed in Paragraph 1.A should submit a no charge purchase order for the applicable quantity of Kits. The purchase order must specify this service bulletin number and only the parts listed herein. Delivery schedules will be furnished to operators upon receipt of their written request.

Direct purchase order to:

Rohr International Sales Corporation
P.O. Box 878
Chula Vista, CA 92012-0878 USA
Attn: Manager, Spares Operations - Warranty
(Service Bulletin No. V2500-NAC-71-0017)

H. Tooling Cost and Availability

None required.

I. Weight and Balance

- (1) Weight Change None
- (2) Moment Arm No effect
- (3) Datum Engine Front Mount Centerline
..... (Powerplant Station
..... PPS 100.00)

J. Electrical Load Data

Not affected.

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K. References

V2500 Aircraft Maintenance Manual

71-13-00

70-23-11

L. Other Publications Affected

V2500 Power Plant Illustrated Parts Catalog

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2. Accomplishment Instructions

A. Prerequisite Instructions

WARNING: DO NOT TOUCH THE ENGINE COMPONENTS UNTIL THEY ARE COOL. THE ENGINE COMPONENTS STAY HOT FOR SOME TIME AFTER THE ENGINE IS SHUTDOWN AND CAN CAUSE INJURY.

- (1) Open the fan cowl doors as specified in the V2500 Aircraft Maintenance Manual, Task 71-13-00-010-010.
- (2) Find the 740-5725-501 drains mast on the bottom of the engine fancase. (Refer to Figure 1.)

B. Rework or Modification Instructions

- (1) Replace the four bolts which attach the 740-5725-501 drains mast and the 740-5682-503 collector plate to the engine as follows:
 - (a) Remove the four A114-2-E mushroom head bolts from the drains mast. Install the four NAS7204A5 countersink bolts in the drains mast. (Refer to Figure 1.)

NOTE: Remove and install the bolts one at a time. This will prevent the removal/installation of the drains mast and collector plate.

- (b) Torque the four NAS7204A5 countersink head bolts to 100 lb-in. (11.3 N.m) as specified in the V2500 Aircraft Maintenance Manual, Task 70-23-11-911-010.

C. Post-requisite Instructions

- (1) Close the fan cowl doors as specified in the V2500 Aircraft Maintenance Manual, Task 71-13-00-410-010.

D. Recording Instructions

- (1) A record of accomplishment is necessary.

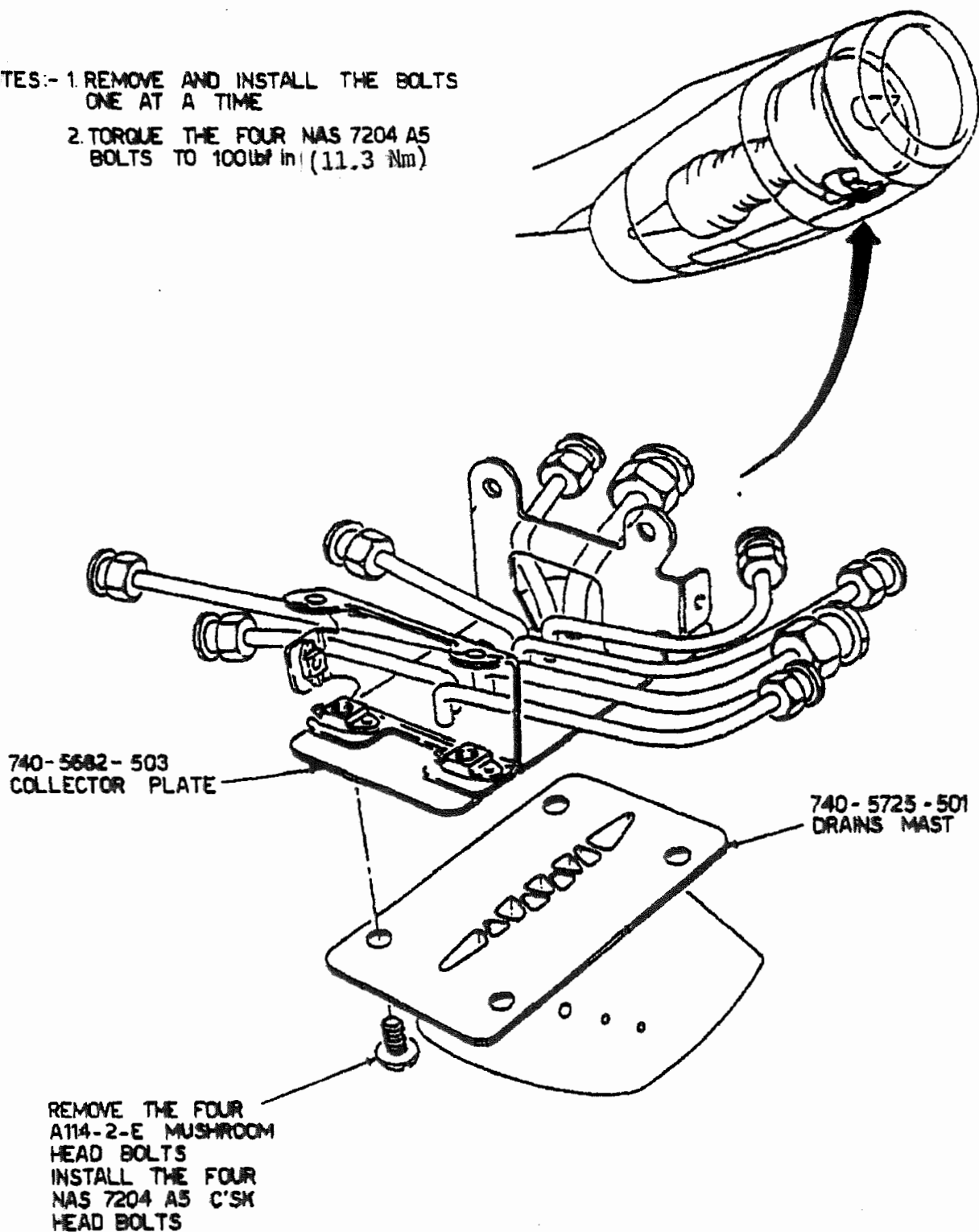


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NOTES:- 1. REMOVE AND INSTALL THE BOLTS
ONE AT A TIME

2. TORQUE THE FOUR NAS 7204 A5
BOLTS TO 100lb_f in (11.3 Nm)



Replacement of the Bolts which Attach the Drains Mast
Figure 1

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3. Material Information

<u>NEW PN</u> <u>(ATA NO.)</u>	<u>QTY</u>	<u>EST'D UNIT</u> <u>PRICE (\$)</u>	<u>KEYWORD</u>	<u>OLD PN</u> <u>(IPC NO.)</u>	<u>INSTR/</u> <u>DISPOS</u>
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Applicability: For each V2500 Nacelle to incorporate this Bulletin.

A. Kits Associated with this Service Bulletin:

V2571017-551 consisting of:	1		Kit		(A)
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NAS7204A5	4		Bolt		
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B. Parts Affected by this Service Bulletin:

NAS7204A5 (71-71-42)	4		Bolt	A114-2-E (01-020)	(B)(1D)
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C. Instruction/Disposition Code Statements:

- (A) Kits are available.
- (B) New part supplied as detail of the Kit.
- (1D) Discard the old part number.

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