

V2500 Propulsion System - Nacelle **SERVICE BULLETIN**

Date: November 30, 2000

Subject: Transmittal of Revision 2 to Service Bulletin Number V2500-NAC-24-0016

Service Bulletin Revision History:

<u>Event</u>	<u>Date</u>
Basic Issue	Mar. 16/99
Revision 1	Sep. 28/99
Revision 2	Nov. 30/00

Reasons for issuance of Revision:

- (1) To add parts to the "Parts Affected by this Bulletin" paragraph of Section 3.

Effect on Past Compliance:

- (1) None.

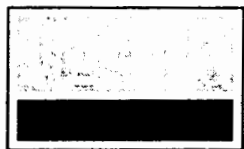
List of Effective Pages:

<u>Page No.</u>	<u>Rev No.</u>	<u>Date</u>
1 thru 10	2	Nov. 30/00

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Transmittal

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SERVICE BULLETIN

NACELLE – ELECTRICAL POWER – CONTROL HARNESS, VARIABLE SPEED CONSTANT
FREQUENCY (VSCF) GENERATOR – CLIPPING POINT BRACKET – RH NACELLE -
MODIFICATION OF

MODEL APPLICATION

V2500-D5

BULLETIN INDEX LOCATOR

24-00-00

Compliance Category Code

4

Internal Reference No.

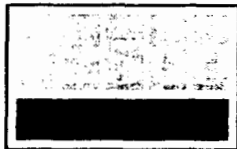
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NACELLE – ELECTRICAL POWER – CONTROL HARNESS, VARIABLE SPEED CONSTANT FREQUENCY (VSCF) GENERATOR – CLIPPING POINT BRACKET – RH NACELLE - MODIFICATION OF

1. Planning Information

A. Effectivity

- (1) Aircraft
 - (a) Boeing MD90
- (2) Nacelle
 - (a) V2500-D5 RH engine build up (EBU) and quick-engine change (QEC) kits serial numbers prior to 0470001.

B. Reason

(1) Condition

Interference between a VSCF control harness clipping point and the pylon-mounted hydraulic disconnect panel has been detected in the RH nacelle.

(2) Background

There can be interference between a VSCF control harness clipping point and the pylon-mounted hydraulic disconnect panel.

(3) Objective

To modify the existing clipping point to eliminate the possibility of interference with the pylon-mounted hydraulic disconnect panel.

(4) Substantiation

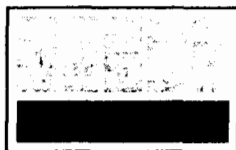
There has been a successful trial fit of the new clipping configuration on a production aircraft.

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(5) Effect of Bulletin on:

(a)	Removal/Installation	Affected
(b)	Disassembly/Assembly	Affected
(c)	Cleaning	Not Affected
(d)	Inspection/Check	Not Affected
(e)	Repair	Not Affected
(f)	Testing	Not Affected

C. Description

The existing clipping point bracket is modified and a new bracket is installed.

D. Approval

Incorporation of this Service Bulletin must be accomplished only in conjunction with Boeing Service Bulletin MD90 24-057 which has received exclusive FAA approved for the MD-90 Series aircraft.

E. Compliance

Category 4

Accomplish at the first visit of the engine to a maintenance base capable of compliance with the accomplishment instructions regardless of the planned maintenance action for the engine.

F. Manpower

<u>VENUE</u>		<u>ESTIMATED MANHOURS</u>
(1)	In Service	N/A
(a)	To rework	<u>1.0 M/Hrs.</u>
Total		1.0 M/Hrs.

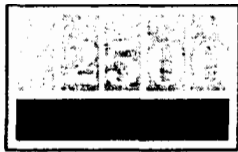
NOTE: Manhours provided for planning purposes only.

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G. Material Cost and Availability

The parts to accomplish this service bulletin are available from the supplier as kit V2524016-551 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. Operators will have one year from the issue date of the service bulletin to place an order. After one year, kits will no longer be available and operators will have to order parts individually at catalog prices, if they desire to incorporate the change:

Direct Purchase order to:
Rohr, Inc.
850 Lagoon Drive
Chula Vista, CA 91910-2098
U.S.A.

Attn: Airline Account Manager – MZ 107A
(Ref. Service Bulletin No. V2500-NAC-24-0016)

NOTE: Please do not submit orders for kits via Spec 2000 ordering system.

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 Centreline
(Powerplant Station PPS 100.0) |

J. Electrical Load Data

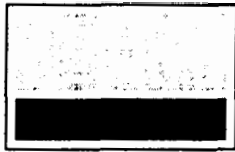
Not affected.

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K. References

<u>Manual</u>	<u>Chapter/Section</u>
MD90 Aircraft Maintenance Manual	71-13-00
Overhaul Processes and Consumable Index (PCI-V2500-11A)	
IAE V2500 Standard Practices/Processes Manual (SPP-V2500-11A)	70-09-00

L. Other Publications Affected

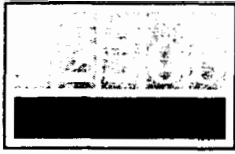
Manual	Chapter/Section
MD90/V2500D5 Engine Illustrated Parts Catalog (S-V2500-31A)	24-21-46
MD90 Power Plant Buildup Manual	71-00-02

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2. Accomplishment Instructions

- A. On the RH nacelle, open the lower fan cowl. Refer to the MD90 Aircraft Maintenance Manual, Chapter 71-13-00.
- B. Remove the clamps from the 290-5218-555 or 290-5218-589 bracket assembly. Keep the attaching hardware for later use. Refer to Figure 1.
- C. Remove material from the S700M1425 anti-rotation lugs. Refer to Figure 1.
- D. Reidentify the modified 290-5218-555 bracket assembly as the 290-5220-1J. Reidentify the modified 290-5218-589 bracket assembly as the 290-5220-3J. Use rubber stamp and ink (CoMat 06-073). Refer to the IAE Standard Practices/Processes Manual, Chapter 70-09-00.
- E. Install the 290-5218-599 bracket and clamp on the 290-5220-1J or 290-5220-3J bracket assembly. Refer to Figure 1.
- F. Install the clamp on the 290-5218-599 bracket. Refer to Figure 1.
- G. Close the lower fan cowl. Refer to the MD90 Aircraft Maintenance Manual, Chapter 71-13-00.
- H. Recording Instructions

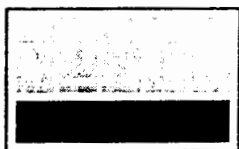
A record of accomplishment is necessary. Write in the applicable records that Service Bulletin V2500-NAC-24-0016 has been done.

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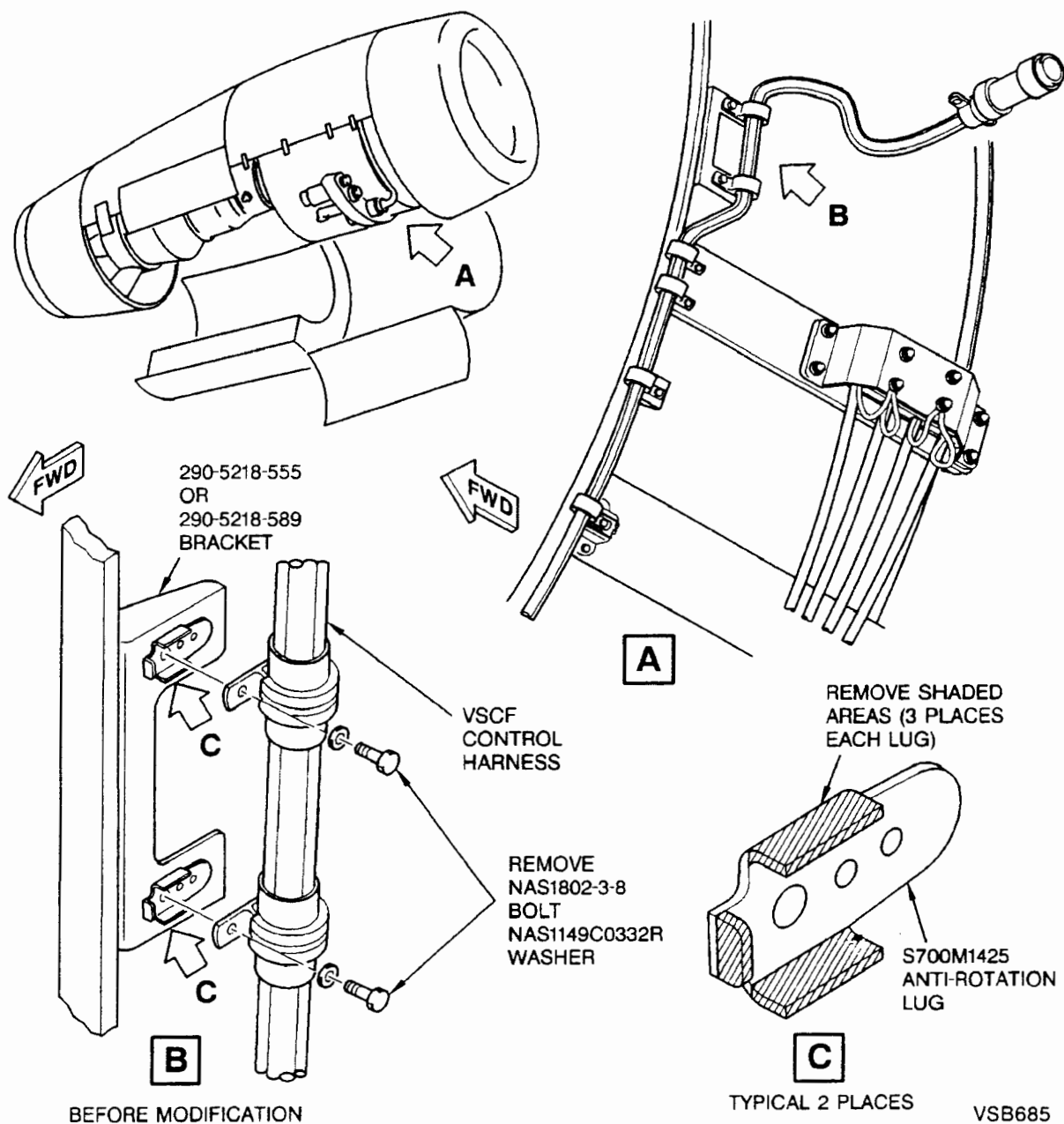
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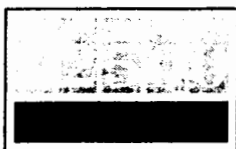
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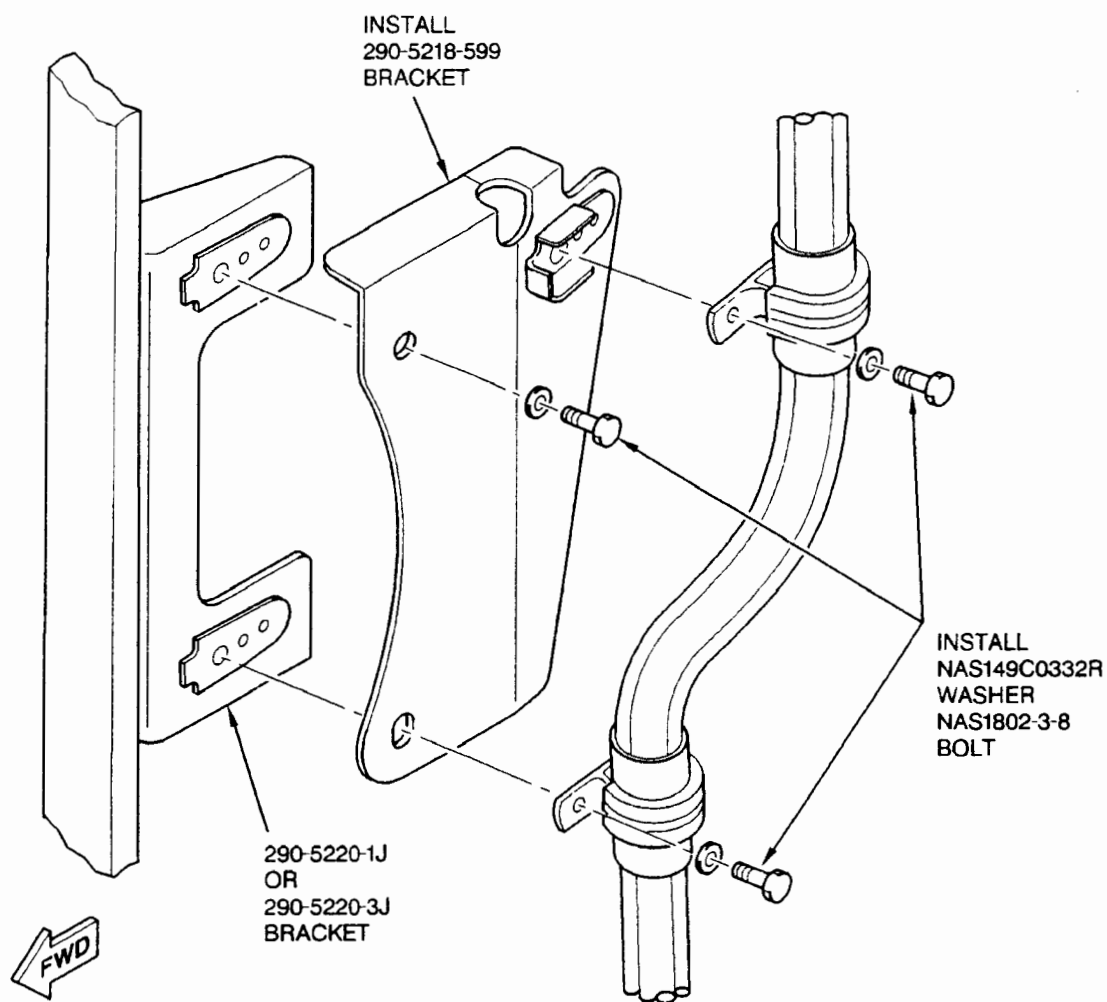
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Clipping Point Modification – RH Nacelle Only
Figure 1 (sheet 1)



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B

AFTER MODIFICATION

VSB686

Clipping Point Modification – RH Nacelle Only
Figure 1 (sheet 2)



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3. Material Information

Applicability: For each V2500-D5 RH EBU or QEC kit to incorporate this Bulletin.

A. Kits Associated with this Bulletin:

NEW PART NO. (ATA NO.)	QTY	EST'D UNIT PRICE	KEYWORD	OLD PART NO. (IPC NO.)	INSTR/ DISPOS
V2524016-551	1		Kit		(A)
Consisting of:					
290-5218-599	1		Bracket assembly		
NAS1802-3-8	1		Screw		
NAS1149C0332R	1		Washer		
AN960C10L	1		Washer (alternate for NAS1149C0332R)		

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		Washer	AN960C10L (02-485)	
(24-21-46)					
AN960C10L	1		Washer	---	
(24-21-46)				(02-490) (06-229)	
---	1		Screw	NAS1802-3-8 (02-470)	
(24-21-46)					
NAS1802-3-8	1		Screw	---	
(24-21-46)				(02-475) (06-228)	
290-5218-597			Bracket Assy	290-5218-589	(B)(S1)
(24-21-46)	1			(06-330)	
290-5218-599	1		Bracket Assy	---	(S1)
(24-21-46)				(06-335)	

C. Instruction/Disposition Code Statements

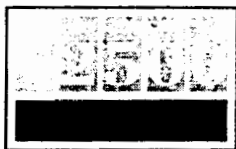
- (A) Kit will be available June 5, 1999.
- (B) New part may be used in place of old part but not vice versa.
- (S1) Old and new parts coded (S1) must be used as a set.

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D. Materials Required to Incorporate this Service Bulletin:

None.