

**International
Aero Engines**

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

**NACELLE - ELECTRICAL POWER - COVER ASSEMBLY, VSCF POWER FEEDER HARNESS
-REPLACEMENT OF**

MODEL APPLICATION

V2500-D5

BULLETIN INDEX LOCATOR

24-00-00

Compliance Category Code

3

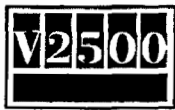
Internal Reference No.

LL/AC 94VN408B/C

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1. Planning Information

A. Effectivity

- (1) Aircraft: MD90
- (2) Nacelle: V2500-D5 Engine Buildup Unit (EBU) serial numbers 0023001 and 0025001.

B. Reason

(1) Condition

Insufficient clearance between cover assembly and hydraulic hoses.

(2) Background

Potential interference discovered during installation of hydraulic hoses to pylon interface.

(3) Objective

Improve clearance between cover assembly and hydraulic hoses.

(4) Substantiation

Successful fit check at airframer.

(5) Impact of Bulletin on Workshop Procedures:

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

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(6) Supplemental Information

None.

C. Description

The change introduced by this Bulletin is to replace cover assembly for VSCF power feeder harness on right hand engine buildup unit.

D. Approval

Incorporation of this Service Bulletin must be accomplished only in conjunction with Douglas Aircraft Company Service Bulletin MD90 24-006 which has received exclusive FAA approval for MD-90 Series aircraft.

E. Compliance

Category 3

Accomplish prior to revenue service.

F. Manpower

Estimated Manhours to incorporate the full intent of this Bulletin:

VENUE

ESTIMATED MAN HOURS

(1) In Service

(a)	To gain access	0.25	M/Hrs
(b)	To rework	0.50	M/Hrs
(c)	To return nacelle to flyable status	0.25	M/Hrs

Total	1.00	M/Hrs
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G. Material Cost and Availability

The parts to accomplish this Service Bulletin are available from the supplier as kit V2524008-551 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 reference this service bulletin number with the applicable operator serial numbers and list only the parts shown in the reference kit. 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 price, if they desire to incorporate the change.

Direct Purchase order to:

Rohr Inc.

P.O. Box 878

Chula Vista, CA 91912

U.S.A.

Attn: Direct Airline Sales, Bldg. 107A
(Service Bulletin No V2500-NAC-24-0008)

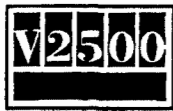
H. Tooling Cost and Availability

Not applicable.

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I. Weight and Balance

- (1) Weight changeNo effect
- (2) Moment armNo effect
- (3) DatumFront Engine Mount Centerline
.....(Power Plant Station (PPS) 95.1)

J. Electrical Load Data

Not affected.

K. Reference

Chapter/Section

MD90 Aircraft Maintenance
Manual

71-13-00

L. Other Publications Affected

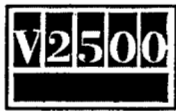
MD90 Engine Illustrated Parts
Catalog

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2. Accomplishment Instructions

A. Prerequisite Instructions

- (1) Open fan cowl doors. Refer to MD90 Aircraft Maintenance Manual, Chapter 71-13-00.

B. Rework or Modification Instructions

- (1) Remove and retain four NAS1805-4 nuts, four MS35338-139 spring washers, and four NAS1149C0432R washers which attach VSCF power feeder cable terminal lugs to cover assembly. Refer to Figure 1.
- (2) Remove eight VSCF power feeder cable ground pigtails.
- (3) Remove and retain four MS35650-3254 nuts from 290-5014-501 cover assembly.
- (4) Remove and retain two S700B1327-4-5 bolts, two S700B1327-4-4 bolts and four S700W1352-4 washers that attach the 290-5014-501 cover assembly. Remove and discard the 290-5014-501 cover assembly.
- (5) Install the 290-5014-503 cover assembly with four S700W1352-4 washers, two S700B1327-4-4 bolts and two S700B1327-4-5 bolts.
- (6) Install four MS35650-3254 nuts on 290-5014-503 cover assembly.
- (7) Install eight VSCF power feeder cable terminal lugs with four NAS1149C032R washers, four MS35338-139 spring washers, and four NAS1805-4 nuts.

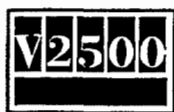
C. Post-requisite Instructions

- (1) Close fan cowl doors. Refer to MD90 Aircraft Maintenance Manual, Chapter 71-13-00.

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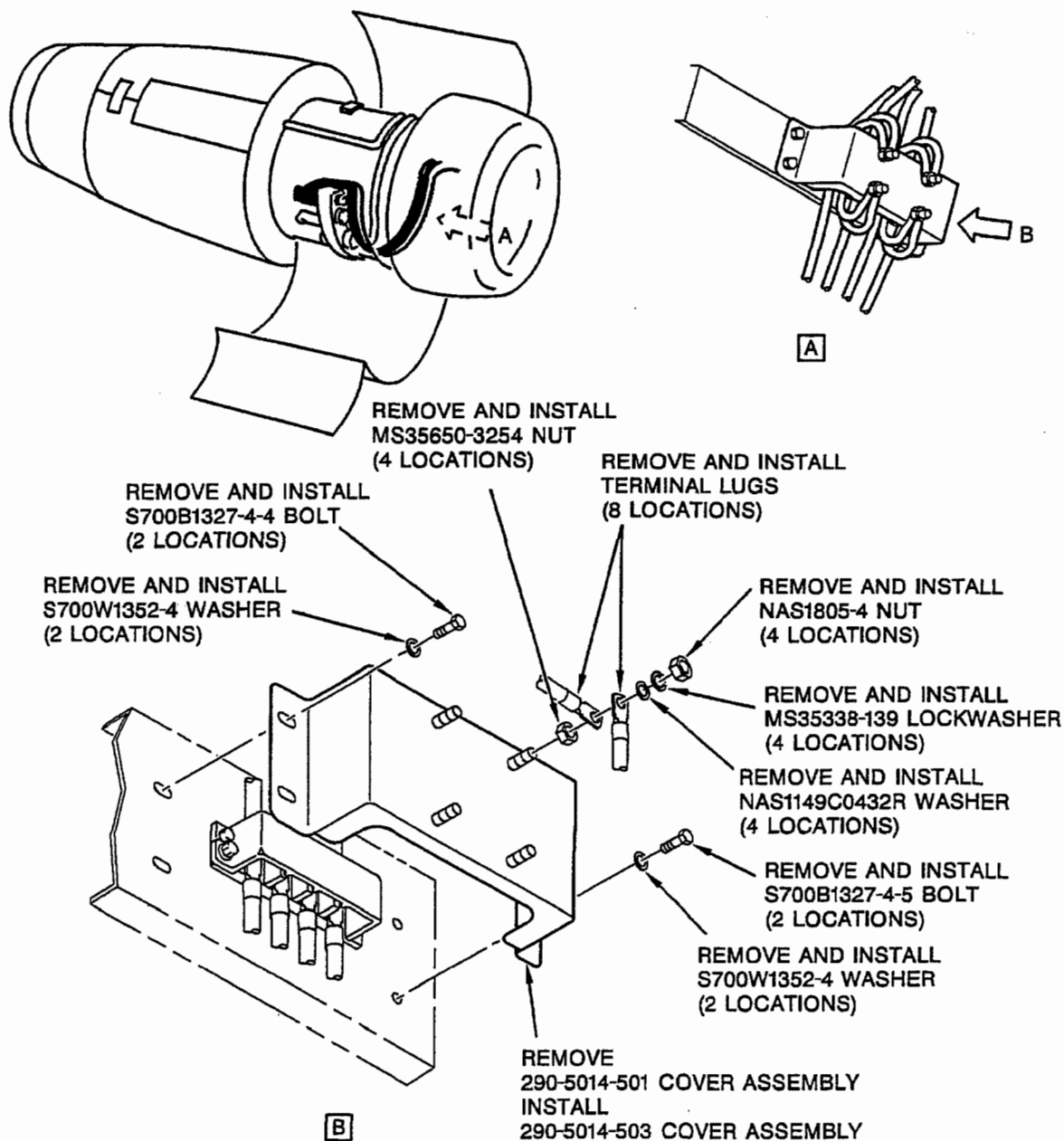
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VSB316

VSCF POWER FEEDER HARNESS COVER REPLACEMENT
FIGURE 1

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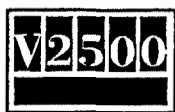
D. Recording Instructions

A record of accomplishment is necessary. Write in engine log or other applicable records that Service Bulletin V2500-NAC-24-0008 has been done.

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3. Material Information

Applicability: For each V2500-D5 Nacelle Engine Buildup Unit (EBU) 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
V2524008-551	1				
Consisting of:					
290-5014-503	1		Cover		(A)

B. Parts affected by this Bulletin:

290-5014-503	1	Cover	290-5014-501	(B)(1D)
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C. Consumables Required to Incorporate This Bulletin

None.

D. Instructions/Disposition Code Statements

- (A) Kit is available.
- (B) Part supplied as a detail of the kit.
- (1D) Discard old part.

NOTE: The estimated 1995 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the Price Catalog or contact Rohr's Customer Support Department for information concerning firm prices.

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