



International
Aero Engines

V2500 Propulsion System — Nacelle

SERVICE BULLETIN

Date: May 11, 1999

Subject: Transmittal of Revision 4 to Service Bulletin Number
V2500-NAC-26-0009

Service Bulletin Revision History:

<u>Event</u>	<u>Date</u>
Basic Issue	Oct. 15/95
Revision 1	Jan. 25/96
Revision 2	Aug. 21/96
Revision 3	Dec. 19/97
Revision 4	May 11/99

Reasons for Issuance of Revision

- (1) To add overheat sensor harness assembly removal reference.
- (2) To revise the part number references in text and illustration.

Effect on Past Compliance

None

List of Effective Pages

<u>Page No.</u>	<u>Rev. No.</u>	<u>Date</u>
1	4	May 11/99
2	2	Aug. 21/96
3	4	May 11/99
4	basic	Oct. 15/95
5 and 6	4	May 11/99
7	basic	Oct. 15/95
8	3	Dec. 19/97
9	basic	Oct. 15/95

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Transmittal

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**NACELLE - FIRE PROTECTION - HARNESS ASSEMBLY, OVERHEAT SENSOR -
REPLACEMENT OF**

MODEL APPLICATION

V2500-D5

BULLETIN INDEX LOCATOR

26-00-00

Compliance Category Code

6

Internal Reference No.

JG 95VN315/A, 96VN807

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1. Planning Information

A. Effectivity

- (1) Airplane: MD-90
- (2) Nacelle: V2500-D5 engine buildup unit serial numbers
0022001 through 0074001.

B. Reason

(1) Condition

Partial removal of harness assemblies may be required for installation and removal of ground support equipment.

(2) Background

Existing routing of harness assemblies may limit access to ground support equipment attach point on hinge beam.

(3) Objective

To eliminate possible requirement for partial removal of harness assemblies for ground support.

(4) Substantiation

Trial fitment has shown adequate clearance between modified harness assemblies and ground support equipment attach point on hinge beam.

(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
Testing	Not Affected

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(6) Supplemental Information

None.

C. Description

R The change introduced by this Bulletin is to replace the
R existing harness assemblies with new harness assemblies with
R improved clearance.

D. Approval

Incorporation of this Service Bulletin must be accomplished only in conjunction with Douglas Aircraft Company Service Bulletin MD90 26-002 which has received exclusive FAA approval for MD-90 Series aircraft.

E. Compliance

Category 6

Accomplish when the Nacelle subassembly (i. e., accessories, components) is disassembled sufficiently to afford access to the affected part and to all affected spare parts.

F. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

VENUE

ESTIMATED MANHOURS

(1) In Service

Not Applicable

(2) At overhaul

Not Applicable

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Modification kit not required. Parts are supplied as single line items.

Not applicable.

(1) Weight Change No effect

(2) Moment Arm. No effect

(3) Datum Engine Front Mount Centerline
. Power Plant Station (PPS) 95.1

Not affected.

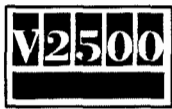
None.

MD90 Engine Illustrated Parts
Catalog

26-12-19

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2. Accomplishment Instructions

A. Prerequisite Instructions

- R (1) Remove the 290W5407-503 or -504 overheat sensor harness
R assembly. Refer to the MD90 Aircraft Maintenance Manual,
R Chapter 26-11-19, Page block 401. Discard harness.

B. Rework or Modification Instructions

- R (1) Attach 290W5407-509 overheat sensor harness assembly to #1
hinge beam with two MS9556-21 bolts, four AN960C10L
washers, and two MS21043-3 nuts. Refer to Figure 1.
- (2) Attach overheat sensor harness assembly to upper C-duct
with TA027029-03 clamp, NAS1802-3-8 bolt, and
NAS1149C0332R washer.
- (3) Attach overheat sensor harness assembly and existing
thrust reverser harness to upper C-duct with two TA027029-
03 clamps, two S700B1327-3D6 bolts, and two S700W1352-3
washers.
- (4) Connect overheat sensor harness connector P1-8088 to upper
C-duct connector.
- (5) Attach overheat sensor harness assembly and existing
thrust reverser harness to lower C-duct with two TA027029-
02 clamps, two S700B1327-3D22 bolts, and two S700W1352-3
washers.
- (6) Connect overheat sensor harness connector P1-8087 to lower
C-duct connector.
- R (7) Repeat steps in paragraph (1) through (6) for 290W5407-511
right hand overheat sensor harness assembly.

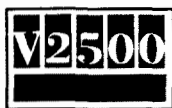
C. Postrequisite Instructions

None.

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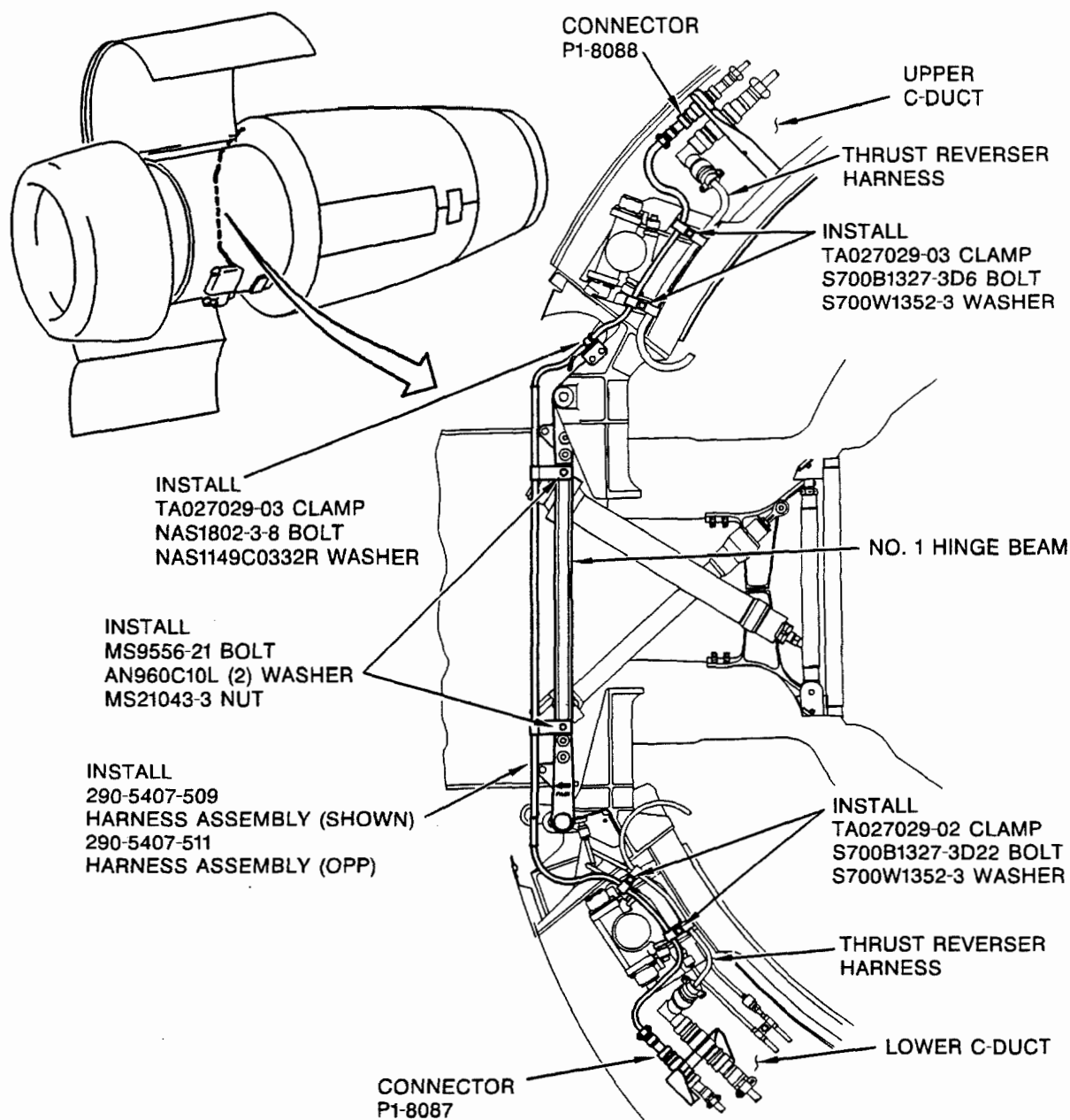
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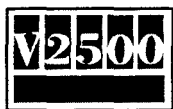
VSB343

OVERHEAT SENSOR HARNESS ASSEMBLY INSTALLATION.
FIGURE 1.

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3. Material Information

Applicability: For each V2500-D5 engine buildup unit 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)	INSTR/ DISPOS
R	290W5407-509 (26-12-19)	1	\$2993.00	Harness Assy-LH	290W5407-504 (10-009)	(1D)(B) (A) (S1)
	290W5407-511 (26-12-19)	1	\$2993.00	Harness Assy-RH	290W5407-503 (10-010)	(1D)(B) (A) (S1)

C. Instructions/Dispositions Code Statements

(A) New part will be available March 1996.

(B) Old part will no longer be available.

(1D) Discard old parts.

(S1) Old part number may be used as a replacement only where old part was installed. New part number is acceptable replacement for the old or new part number.

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

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- D. The following materials are to be procured by the operator or obtained from their stock.

None.

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