



## SERVICE BULLETIN

INCORPORATION OF SPACER AT OIL - QUANTITY TRANSMITTER MOUNT - CATEGORY CODE 4 -  
MOD.ENG-79-0017

1. PLANNING INFORMATIONA. EFFECTIVITY

- (1) AIRPLANE: AIRBUS A320
- (2) ENGINE: V2500-A1 Engine Serial No. V0051

B. REASON

## (1) CONDITION

Oil quantity transmitters can give erratic indication.

## (2) BACKGROUND

false readings of the oil quantity transmitter can create a Customer irritant, by failing to give a steady, accurate read out.

## (3) OBJECTIVE

To stabilize the oil quantity transmitter fluctuation.

C. DESCRIPTION

This Service Bulletin (modification) introduces a spacer and an additional seal ring between the oil quantity transmitter and the oil tank to reduce the risk of contact of the transmitter with the oil tank base.

D. APPROVAL

The part number changes and/or part modifications described in paragraphs 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA approved for the equipment model listed.

E. COMPLIANCE

Category 4

It is recommended the compliance of this Service Bulletin be accomplished at the earliest opportunity.

F. MANPOWER

Estimated man-hours to incorporate the full intent of this Service Bulletin:

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## SERVICE BULLETIN

## VENUE

## ESTIMATED MAN-HOURS

(1) In Service

2 Hours

G. MATERIAL

(1) Modification Kit V2500-79-0017-551 is required.

(2) See Material Information section for availability.

H. TOOLING PRICE AND AVAILABILITY

Special tools are not required.

I. WEIGHT AND BALANCE

(1) Weight Change ..... None

(2) Moment Arm ..... No Effect

(3) Datum ..... Engine Front Centerline

J. ELECTRICAL LOAD DATA

This Service Bulletin has no effect on the Aircraft electrical load.

K. REFERENCES

(1) Internal Reference No.

EC 89VN126

(2) Other References

Rolls-Royce Mechanical Development Memorandum 82003.

L. OTHER PUBLICATIONS AFFECTED

None.

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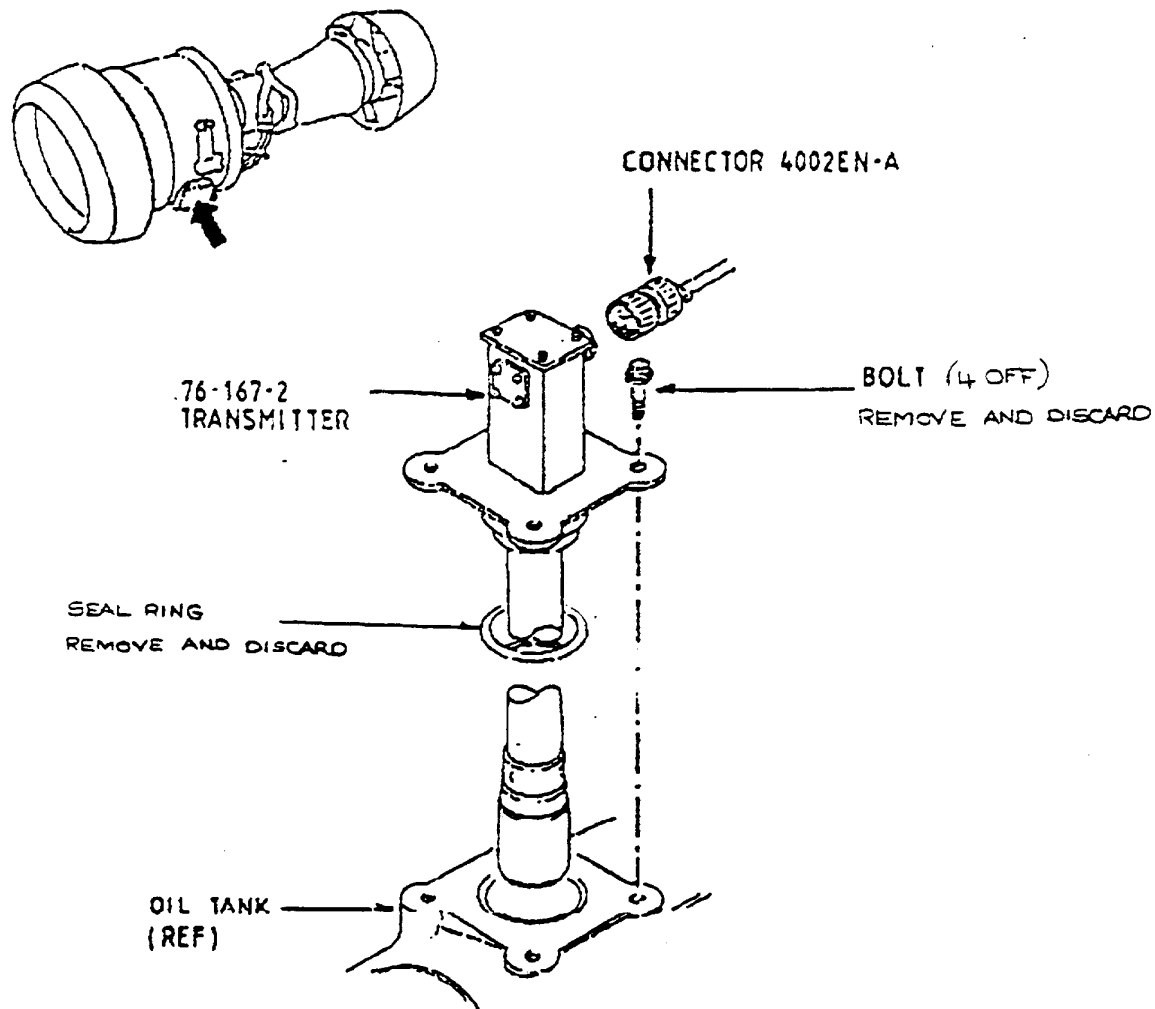


**2. ACCOMPLISHMENT INSTRUCTIONS**

- A. Open the fan cowl doors as specified in the Aircraft Maintenance Manual, Task 71-13-00-010-010.
- B. Add the spacer and seal ring to the oil quantity transmitter assembly as follows:
- (1) Remove the connector 4002EN-A from the oil quantity transmitter. Remove the four (4) bolts securing the oil quantity transmitter to the oil tank and remove the oil quantity transmitter Part No. 76 167-2. (See Figure 1.)
  - (2) Remove the seal ring from the oil quantity transmitter and replace with a new seal ring as supplied.
  - (3) Re-assemble the unit by fitting the seal ring AS43013-151 and spacer 740 5140-501 to the top face on the oil tank. Replace the transmitter assembly and secure the assembly with the four (4) new bolts supplied (AS 21515). Replace the connector 4002EN-A.
  - (4) Close the fan cowl doors as specified in the Aircraft Maintenance Manual, Task 71-13-00-410-010.

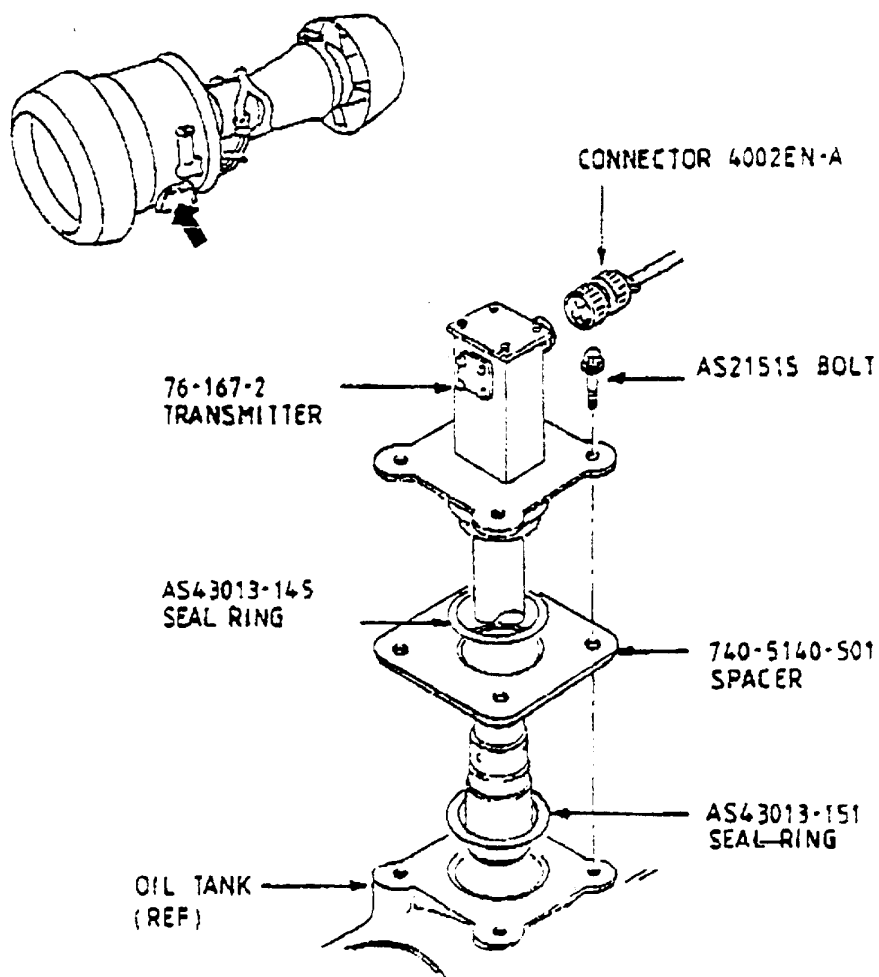
**C. RECORDING INSTRUCTIONS**

- (1) A record of accomplishment is necessary.



Oil Quantity Transmitter  
Fig.1

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Oil Quantity Transmitter  
Fig.2

ded0001425

3. MATERIAL INFORMATION

New Part No.	Qty.	Key Word	Old Part No.	Instr /Dispos
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A. KITS ASSOCIATED WITH THIS SERVICE BULLETIN

V2500-79-017-551	1	Mod Kit		(A)
consisting of:				

740 5140-501	1	Spacer		(B)
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AS43013-145	1	Seal Ring		(B)
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AS21515	4	Bolt		(B)
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AS43013-151	1	Seal Ring		(B)
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B. PARTS AFFECTED BY THIS BULLETIN

The following part is no longer required:

4 Bolt	AS 21511
	(01-020)

C. INSTRUCTION/DISPOSITION CODE STATEMENTS

- (A) Kit is available.
- (B) New part as detail of the Kit.