



SERVICE BULLETIN

OIL - PROVIDE A NEW OIL TANK CAP PLACARDED WITH THE CORRECT TANK CAPACITY - CATEGORY
CODE 3 - MOD.ENG-79-0003

1. Planning InformationA. Effectivity

- (1) Aircraft: Airbus A320
- (2) Engine: V2500-A1 Engines, Serial No.V0014 through V0067

B. Reason

(1) Condition

Oil filler cap and cover marking with capacity in Imperial Gallons. To eliminate this condition the capacity of the oil tank is to be indicated U.S. QTS.

Facility in reading the new marking. In order to comply with this requirement for a satisfactory reading on the cap, the marking has been rotated.

(2) Background

None

(3) Objective

To maintain engine reliability

(4) Substantiation

Not required

(5) Effect 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

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**C. Description**

The new oil tank cap placarded with the correct oil tank capacity is put in place of the old cap.

D. Approval

The Part Number changes and/or part modifications described in Section 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Module listed.

E. Compliance

Category Code 3

Accomplish prior to revenue services

* This bulletin is issued for record purposes only. All affected engines were modified prior to customer delivery.

F. Manpower

Estimated Manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In Service	30 minutes

G. Material – Price and Availability

(1) Modification Kit not required. Parts supplied as single line item.

H. Tooling – Price and Availability

Special tooling 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.

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K. References

(1) Internal Reference No.

EC88VF041

(2) Other References

V2500 Aircraft Maintenance Manual, 71-13-00, Maintenance Practices.

V2500 Aircraft Maintenance Manual, 12-13-79, Servicing.

L. Other Publications Affected

None



2. Accomplishment Instructions

A. Prerequisite Instructions

- (1) Open the fan cowl panels to gain access to the gearbox, refer to Aircraft Maintenance Manual, 71-13-00.

WARNING: DO NOT GET ENGINE OIL ON YOUR SKIN FOR A LONG TIME. THE OIL IS POISONOUS AND CAN GO THROUGH YOUR SKIN AND IN TO YOUR BODY.

- (2) Drain the oil tank, refer to Aircraft Maintenance Manual, 12-13-79.
- (3) Remove the cap. Ref Figure 1.
 - (a) Lift the handle from close to open position.
 - (b) Turn counterclockwise the cap until the lock is aligned with the filler neck slots.
 - (c) Remove the cap.
- (4) Open the split ring and remove the old PN 4T7902 cap from the rope wire which connect the cap to the filler neck of the oil tank.
- (5) Remove the cover from the oil tank. Ref Figure 2.
 - (a) Remove the four PN 4W0163 bolts which attach the cover to the oil tank.
 - (b) Remove the old PN 4B7032 cover from the oil tank and discard the PN AS3209-148 packing.
 - (c) Loosen and remove the two PN MS9902-06 and MS9902-08 plugs from the cover.
 - (d) Remove and discard the two PN AS3208-60 and AS3208-08 packings from the plugs.

B. Assembly Instructions

NOTE: Lubricate all threads and abutment faces of the parts with CoMat V10-039 engine oil before installation.

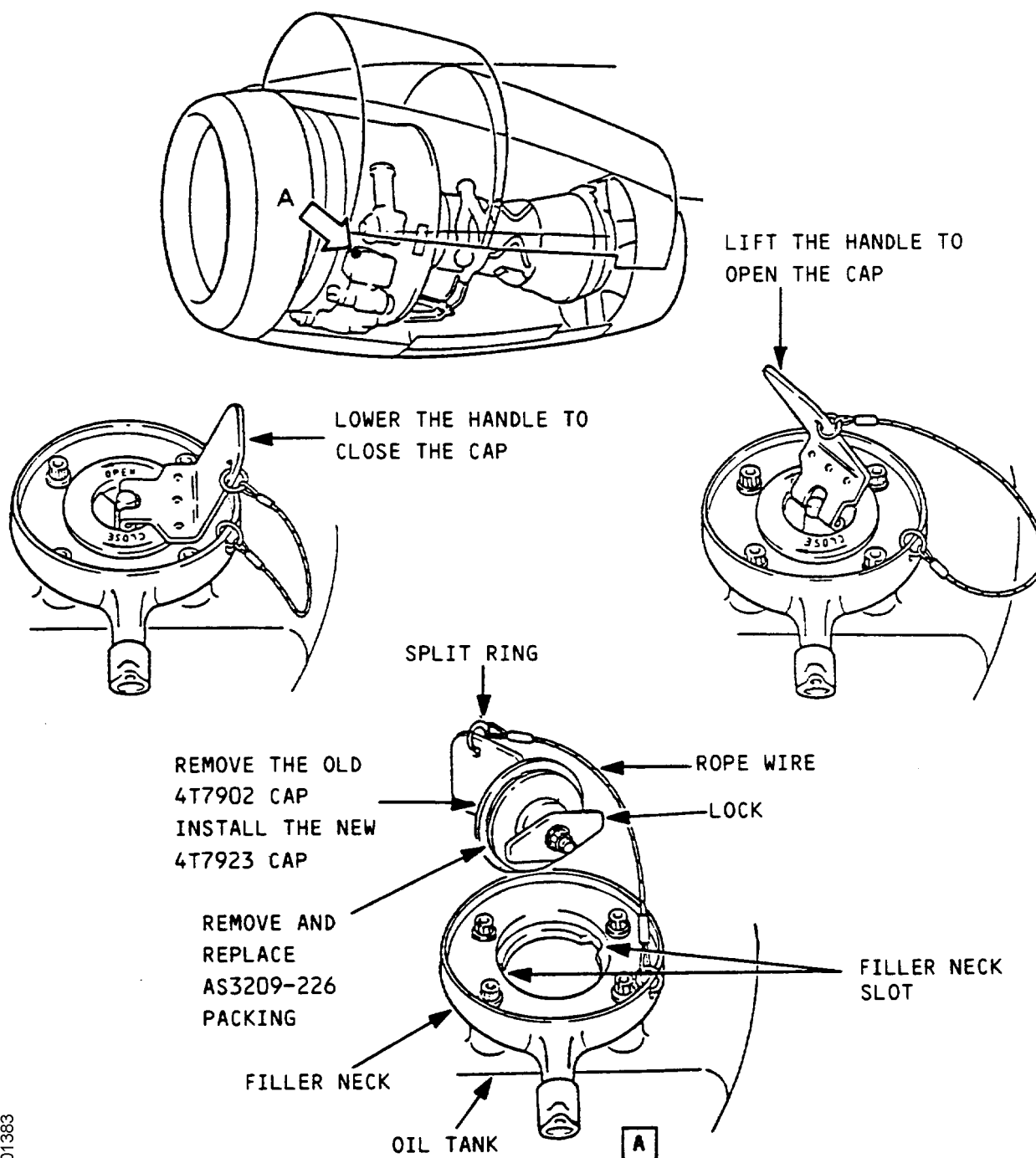
- (1) Install the cover to the oil tank. Ref Figure 2.
 - (a) Identify the new PN 4B7250 cover.
 - (b) Install the PN AS3209-148 packing on the cover.
 - (c) Install cover on the front of the oil tank and align the bolt holes.

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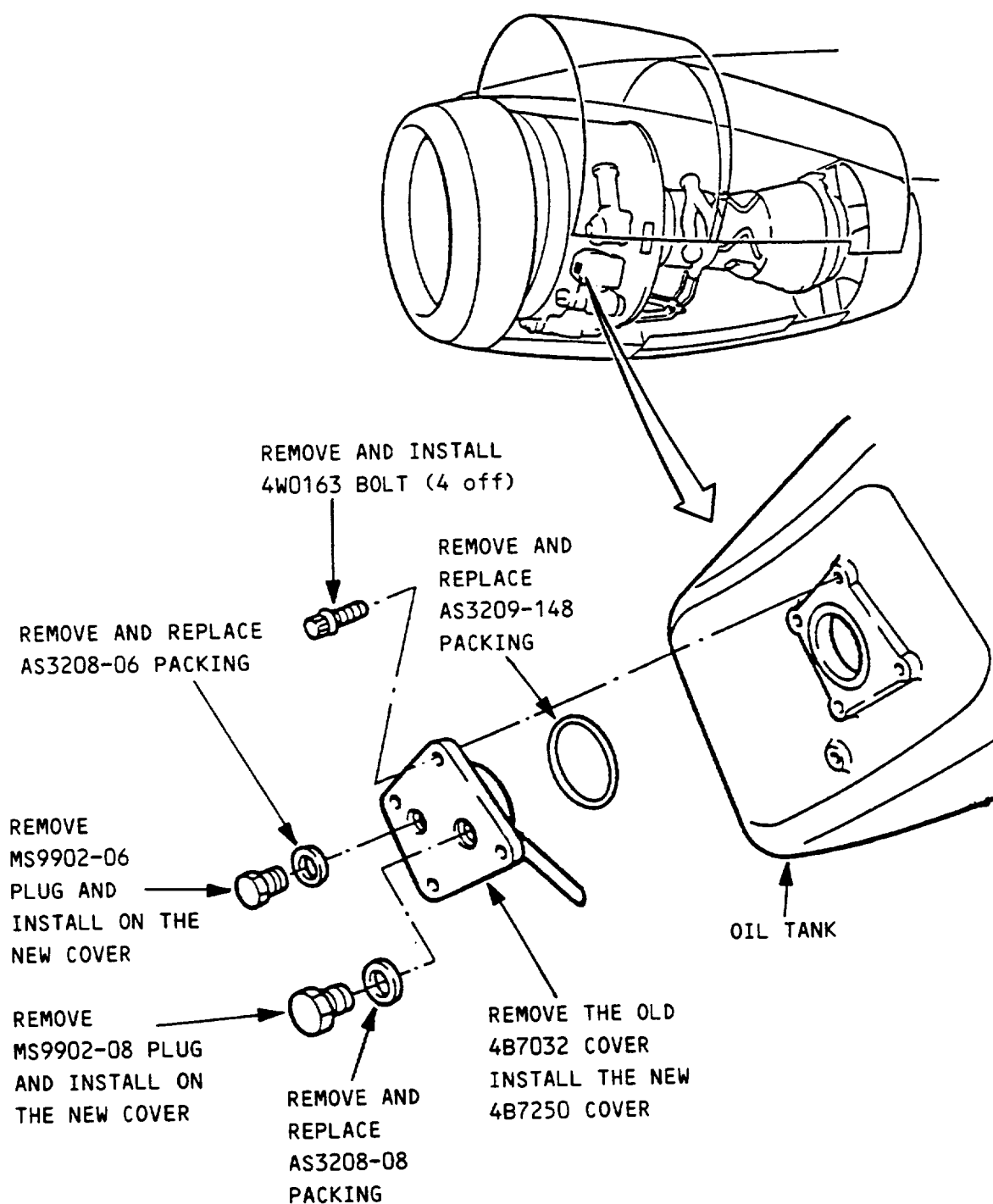


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- (d) Install the four PN 4W0163 bolts which safety the cover to the oil tank. Torque to 85 to 95 lbfin (9,604 to 10,734 Nm).
 - (e) Install new PN AS3208-06 packing on the PN MS9902-06 plug removed from the old cover.
 - (f) Install the plug on the cover and torque to 51 to 53 lbfin (6 to 8 Nm).
 - (g) Install new PN AS3208-08 packing on the PN MS9902-08 plug removed from the old cover.
 - (h) Install the plug on the cover and torque to 51 to 53 lbfin (6 to 8).
 - (i) Safety the two plugs with V02-141 lockwire.
 - (2) Connect the new PN 4T923 cap to the split ring of the rope wire which connect the cap to the filler neck of the oil tank. Ref Figure 1.
 - (3) Install, if necessary, new PN AS3209-226 packing on the cap.
 - (4) Fill the oil tank, refer to Aircraft Maintenance Manual, 12-13-79.
 - (5) Close the oil tank. Ref Figure 1.
 - (a) Align the lock of the cap with the two filler neck slots and install on the oil tank.
 - (b) Turn the cap clockwise until it stops.
 - (c) Lower the handle of the cap from open to close position.
 - (6) Reconnect the power supply.
 - (7) Close the fan cowl panels, refer to Aircraft Maintenance Manual, 71-13-00.
 - (8) Do a leak check of the engine oil system after the first ground run.
- C. Recording Instructions
- (1) A record of accomplishment is necessary.



Remove and install the cap of the oil tank
Fig.1



Remove and install the cover of the oil tank
Fig.2

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3. Material Information

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
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Applicability: For each V2500 Engine to incorporate this Bulletin.

A. Kit associated with this Bulletin

None

B. Parts affected by this Bulletin

4T7923 (79-11-41)	1	-	Cap	4T7902 (01-780)	(S1)(1D)
4B7250 (79-11-41)	1	-	Cover	4B7032 (01-410)	(S1)(1D)
- (79-11-41)	1		Packing	AS3209-226 (01-760)	(C)
- (79-11-41)	1		Packing	AS3209-148 (01-420)	(C)
- (79-11-41)	1		Packing	AS3208-06 (01-510)	(C)
- (79-11-41)	1		Packing	AS3208-08 (04-550)	(C)

C. Instruction/Disposition Code Statements

- (S1) Old and new Parts are directly interchangeable.
- (1D) Return old part to IAE for rework and reidentification.
- (C) These expendable parts are required for assembly of the new configuration.

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