

ATA AIRLINES, INC.

#1 ENGINE SCAVENGE OIL FILTER

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CHECK BEING PERFORMED: Custom

ZONES: 411  
A/C NUMBER:  
REV. DATE: 05/15/01  
FREQUENCY: 2A

W/C NUMBER: 241R7902  
DATE:  
W/O:  
JAC CODE:

MFR P/N	DESCRIPTION	QTY
AS43003-908	SEAL RING	1
AS43013-154	SEAL RING	1
QA03963	FILTER ELEMENT	1
	10 PINT CAPACITY CONTAINER	1

REFERENCES

1  
MECH INSP

REPLACE THE LEFT ENGINE SCAVENGE OIL FILTER.

1. Remove the Element of the Scavenge Oil Filter.

A. Equipment.

(1) Clean Container - minimum capacity:

- (a) 10.0 U.S. pints.
- (b) 8.0 Imperial pints.
- (c) 5.0 Litres.

B. References.

(1) AMM 71-11-04/201, Fan Cowl Panels.

C. Prepare for the Removal.

CAUTION: OBEY THE PRECAUTIONS FOR THE KEVLAR WRAPPING WHEN YOU OPEN THE FAN COWL PANEL. IF THE PRECAUTIONS ARE NOT OBEYED, DAMAGE TO THE KEVLAR WRAPPING CAN OCCUR.

\_\_\_\_\_ XXXXX (1) Open the right fan cowl panel (AMM 71-11-04/201).

| D. Remove the Element (Fig. 1).

WARNING: WHEN YOU USE THE SYNTHETIC ENGINE OIL, MAKE SURE YOU DO NOT TOUCH YOUR SKIN. IF YOU DO NOT OBEY THIS INSTRUCTION, INJURY TO PERSONS CAN OCCUR.

CAUTION: THE OIL IN THIS OIL SYSTEM CAN CAUSE DAMAGE TO THE PAINT AND SOME TYPES OF RUBBER. DO NOT PERMIT THE CONTAMINATION OF THOSE PARTS OF THE ENGINE. YOU MUST

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CLEAN THOSE PARTS WITH OIL ON THEM. IF YOU DO NOT OBEY THE INSTRUCTIONS, DAMAGE TO EQUIPMENT CAN OCCUR.

A SMALL QUANTITY OF ALKALINE CLEANING FLUIDS CAN CAUSE THE FAILURE OF THE SYNTHETIC OIL. USE FULLY CLEAN CONTAINERS AND EQUIPMENT FOR THE OIL. DO NOT PUT THE DRAINED OIL BACK INTO THE SYSTEM. IF YOU DO NOT OBEY THE INSTRUCTIONS, DAMAGE TO EQUIPMENT CAN OCCUR.

\_\_\_\_\_ XXXXX

(1) Drain the Oil Line as Follows:

- (a) Put the container below the housing (6) of the scavenge oil filter.
  - (b) Remove the drain plug (2) to drain the oil.
  - (c) Discard the seal ring (1) from the plug (2).
  - (d) Lubricate the new seal ring (1) with oil.
  - (e) Install the seal ring (1) on the drain plug (2).
  - (f) Install the drain plug (2).
- 1) Install the lockwire on the drain plug (2).

\_\_\_\_\_ XXXXX

(2) Remove the bolts (5) that attach the filter housing (6).

\_\_\_\_\_ XXXXX

(3) Remove the filter housing (6).

\_\_\_\_\_ XXXXX

(4) Remove the oil from the filter housing (6).

\_\_\_\_\_ XXXXX

(5) Remove the element (8).

- (a) Discard the seal ring (7).

2. Install the Element of the Scavenge Oil Filter.

A. Parts.

M.M.

I.P.C.

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MECH: INSP:

FIGURE	ITEM	NOMENCLATURE	SUBJECT	FIG.	ITEM
401	1	Seal	79-21-04	01	165
	2	Plug			170
	3	Washer			22
	4	Washer			16
	5	Bolt			12
	6	Housing Assy-Scavenge Filter			5K
	7	Ring			24
	8	Element-Scavenge Filter			35J

B. References.

- (1) AMM 12-13-01/301, Engine - Servicing (Oil Replenishing).
- (2) AMM 71-00-00/501, Power Plant.
- (3) AMM 71-11-04/201, Fan Cowl Panels.
- (4) AMM 79-00-00/601, Oil.

C. Install the Element (Fig. 1).

- \_\_\_\_\_ XXXXX (1) Lubricate the new seal ring (7).
- \_\_\_\_\_ XXXXX (2) Install the new seal ring (7) in the scavenge filter housing (6).

CAUTION: DO NOT CLEAN THE ELEMENT (8) OF THE SCAVENGE OIL FILTER. IF THE ELEMENT IS NOT SERVICEABLE, USE A NEW ELEMENT. IF YOU INSTALL AN ELEMENT THAT YOU CLEANED, DAMAGE TO THE ENGINE CAN OCCUR.

- \_\_\_\_\_ XXXXX (3) Install the element (8) in the scavenge filter housing.

Note: Make sure the top of the element does not stay above the lip of the housing.

CAUTION: MAKE SURE THE FILTER (8) DOES NOT STAY OUT OF THE HOUSING (6) WHEN YOU INSTALL THE HOUSING. IF THE FILTER STAYS OUT OF THE HOUSING, YOU CAN CAUSE DAMAGE TO THE

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MECH: INSP:

FILTER AND THE OIL SYSTEM.

\_\_\_\_\_ XXXXX (4) Install the filter housing (6) to the oil pump.

\_\_\_\_\_ XXXXX (5) Install the filter housing (6) with the washers (3 and 4) and the bolt (5) (AMM70-51-00/201).

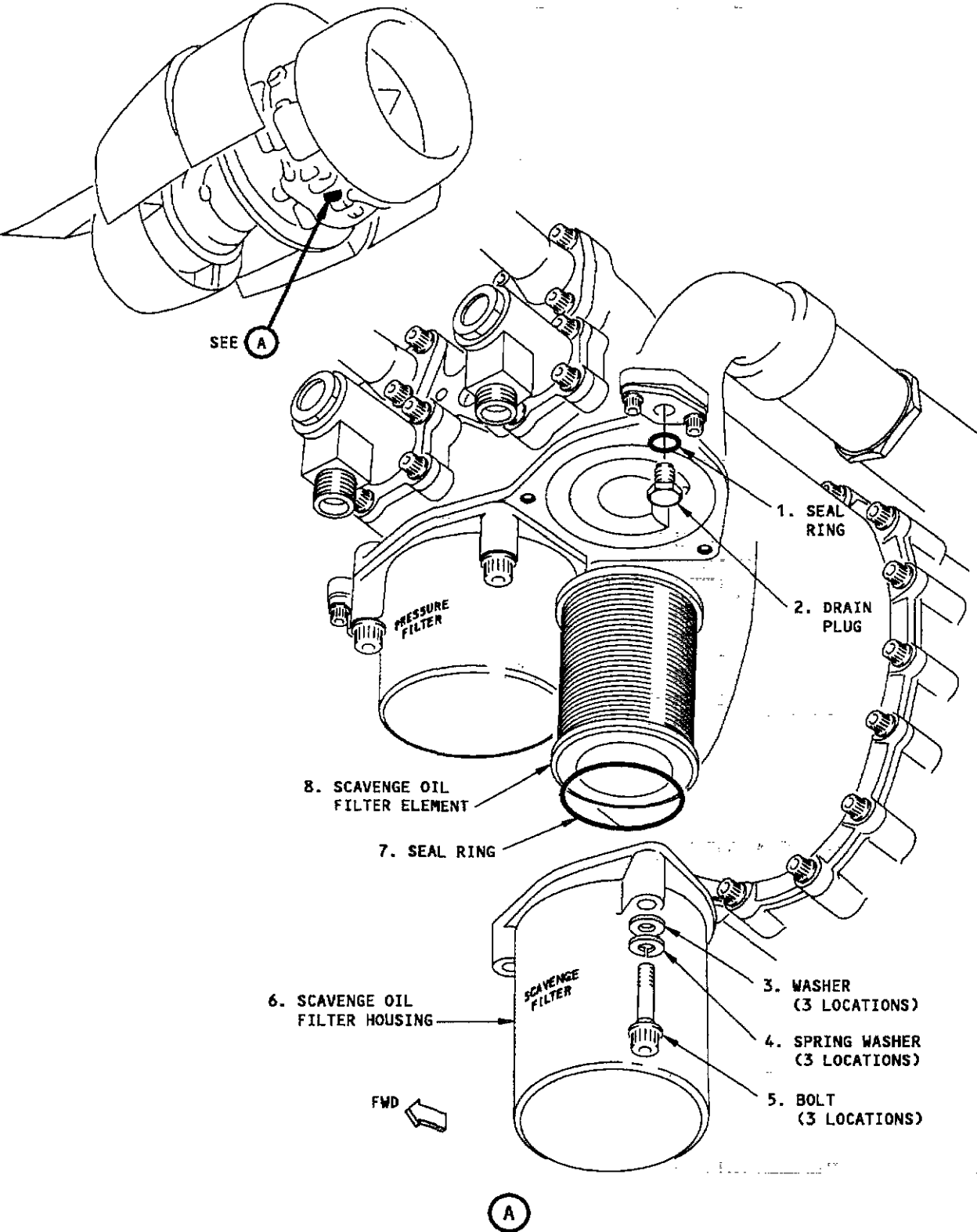
\_\_\_\_\_ XXXXX (6) Fill the engine oil system (AMM 12-13-01/201).

D. Put the Airplane Back to Its Usual Condition.

\_\_\_\_\_ XXXXX (1) Close the right fan cowl panel (AMM 71-11-04/201).

\_\_\_\_\_ XXXXX (2) Do the test for the Scavenge Oil Filter Element that is shown in the Power Plant Test Reference Table AMM 71-00-00/501).

\*\*\*\*\*END OF WORKCARD\*\*\*\*\*



Scavenge Oil Filter Element - Installation