

ATA AIRLINES, INC.

APU LP FUEL FILTER DIFFERENTIAL PRESSURE INDICATOR

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CHECK BEING PERFORMED: Custom

ZONES: 315  
A/C NUMBER:  
REV. DATE: 11/14/03  
FREQUENCY: 1A

W/C NUMBER: 231M4903  
DATE:  
W/O:  
JAC CODE:

MFR P/N	DESCRIPTION	QTY
3882496-1	ELEMENT	A/R
S9412-036	PACKING	A/R
S9412-218	PACKING	A/R

PANELS

315AL  
316AR

REFERENCES

1

MECH INSP

MPD TASK 49-31-04-6A

CHECK APU LOW PRESSURE FUEL FILTER DIFFERENTIAL PRESSURE INDICATOR FOR ACTIVATION.

1. Fuel Filter Element Inspection (Ref figure 1)

A. References

- (1) AMM 49-11-00/201, Auxiliary Power Unit
- (2) AMM 49-31-04/401, Fuel Filter Element
- (3) AMM 49-31-07/201, High Pressure Fuel Filter
- (4) AMM 49-31-08/201, Fuel Divider Filter Element
- (5) AMM 49-31-10/401, Fuel Filter Differential Pressure Indicator

XXXXX B. Check Procedure

- (1) Make sure the APU control switch on the P5 panel is OFF and attach a DO-NOT-OPERATE tag.
- (2) Open these circuit breakers and attach DO-NOT-CLOSE tags:
  - (a) P11 Overhead Panel

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 231M4903 (continued)

MECH: INSP:

1) 11B34,APU MN BAT CONT or APU ALTN CONT

(b) E6 Rack,Aft Equipment Center

1) APU CONT

NOTE: Ensure the left APU access door, 315AL, and right APU access door, 316AR, are open and support rods engaged.

(3) Do the visual inspection of the differential pressure indicator for the fuel filter.

(a) Look at the differential pressure indicator for the fuel filter.

(b) If the differential pressure indicator is not pushed out, then mark step C. as "N/A" and do step D. below in the "Put the Airplane Back to Its Usual Condition."

NOTE: The fuel filter element is OK and the APU can be returned to service.

\_\_\_\_\_ XXXXX C. Procedures to be performed if differential pressure indicator is pushed out.

(1) Push the differential pressure indicator in and continue.

(2) Remove the DO-NOT-CLOSE tags and close these circuit breakers:

(a) E6 Rack,Aft Equipment Center

1) APU CONT

(b) P11 Overhead Panel

1) 11B34,APU MN BAT CONT or APU ALTN CONT

(3) Remove the DO-NOT-OPERATE tag from the APU control switch on the P5 panel.

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CHECK BEING PERFORMED: Cust

W/C NUMBER: 231M4903 (continued)

MECH: INSP:

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- (4) Start the APU (AMM 49-11-00/201) and operate at 100% RPM.
  - (5) Do the APU shutdown procedure (AMM 49-11-00/201).
  - (6) Make sure the APU control switch on the P5 panel is OFF and attach a DO-NOT-OPERATE tag.
  - (7) Open these circuit breakers and attach DO-NOT-CLOSE tags:
    - (a) P11 Overhead Panel
      - 1) 11B34, APU MN BAT CONT or APU ALTN CONT
    - (b) E6 Rack, Aft Equipment Center
      - 1) APU CONT
  - (8) Look at the differential pressure indicator.
  - (9) If the differential pressure indicator is not pushed out, replace it (AMM 49-31-10/401).
  - (10) If the indicator is pushed out, do an inspection of the element for the fuel filter:

NOTE: This is an indication that the differential pressure is more than the limit and the fuel filter has blockage.

- (a) Remove the fuel filter element (AMM 49-31-04/401).
- (b) Examine the filter element for contamination.
- (c) Install a new fuel filter element (AMM 49-31-04/401).
- (d) If you saw contamination on the fuel filter element, do these steps:

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 231M4903 (continued)

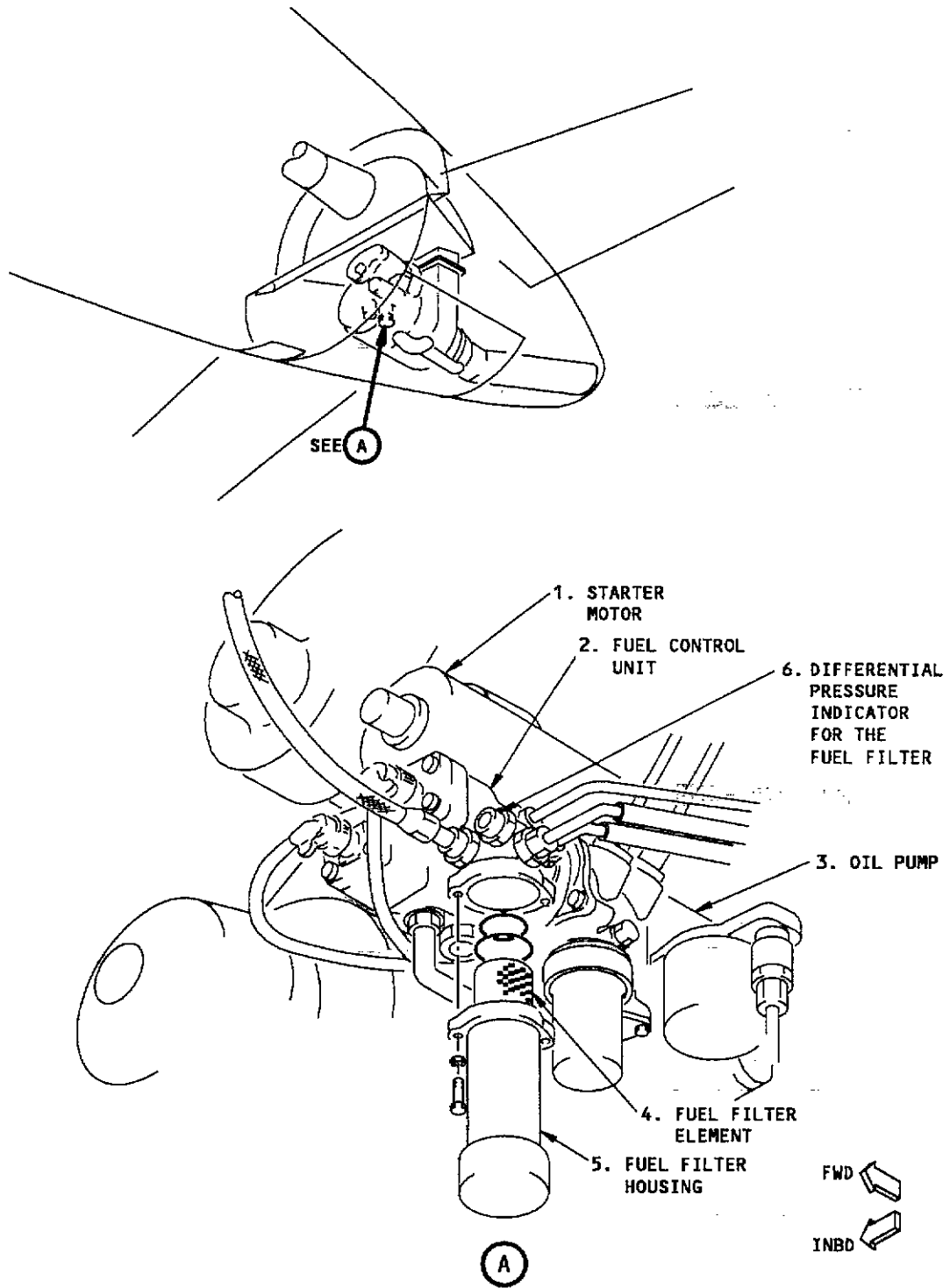
MECH: INSP:

- 1) Do the inspection of the high pressure fuel filter (AMM 49-31-07/201).
- 2) Do the inspection of the filter element for the fuel flow divider (AMM 49-31-08/201).

\_\_\_\_\_ XXXXX D. Put the Airplane Back to Its Usual Condition

- (1) Close APU access panels unless required for other MX.
  - (a) Disengage the support rods for the APU access doors.
  - (b) Put the support rods in the clips on the inner side of the APU access doors.
  - (c) Lift the right access door until the spring latch, at the forward end of the door, catches and holds the door on the fuselage frame.
  - (d) Lift the left access door and align it with the right access door.
  - (e) Close and latch the APU access doors.
- (2) Remove the DO NOT CLOSE tags and close the previously opened circuit breakers.
  - (a) P11 Overhead Panel.
    - 1) 11B34 APU ALTN CONT or APU MN BAT CONT
  - (b) E6 Rack, Aft Equipment Center.
    - 1) APU CONT.
- (3) Remove the DO NOT OPERATE tag from the APU control switch on the P5 panel.

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



APU Fuel Filter Element Inspection