



## FAULT ISOLATION MANUAL

### MAINTENANCE PRACTICES

\*\*ON A/C ALL

#### **TASK 73-30-00-810-801**

#### **#1 ENG FUEL PRESS (Caution) – Fault Isolation**

##### 1. General

- A. This fault isolation procedure is for when the #1 ENG FUEL PRESS caution light on the Caution and Warning Panel (CAWP) is on.
- B. The #1 ENG FUEL PRESS caution light on the CAWP comes on when the Full Authority Digital Electronic Control (FADEC) 1 senses a condition that follows:
  - Fuel pressure is less than 5.5 psi
  - Fuel pressure crosscheck latched failed for more than 15 seconds.
  - Defective engine feed primary ejector pump.

**NOTE:** A low fuel pressure switch fault code is set when the NH is more than 64% and the fuel pressure is less than 5.5 psi.

**NOTE:** The FADEC supplies discrete data through the Engine Cockpit Interface Unit (ECIU) to the CAWP for the #1 ENG FUEL PRESS caution indication.

- C. The Engine Display (ED) can show the related fault codes that follow:
  - 773, Low fuel pressure discrete mismatch fault latched
  - 911, Low fuel pressure switch maintenance request.

##### 2. Job Set-Up Information

Subtask 73-30-00-946-001

##### A. Reference Information

REFERENCE	DESIGNATION
AMM71-00-00-868-801	Engine Start
AMM73-21-00-070-801	FADEC Fault Code Clear
AMM77-31-00-710-802	Operational Test for Engine Fault Code Indications
FIM73-20-00-810-841	Low Fuel Pressure Switch – Fault Isolation
FIM73-20-00-810-868	Low Fuel Pressure Detected – Fault Isolation



## FAULT ISOLATION MANUAL

### 3. Fault Confirmation

Subtask 73-30-00-810-001

- A. Do the powerplant fault indication retrieval (Refer to AMM77-31-00-710-802).
- B. Erase the data from the FADEC (Refer to AMM73-21-00-070-801).
- C. Do the engine start procedure (Refer to AMM71-00-00-868-801).
  - (1) If the #1 ENG FUEL PRESS caution light on the CAWP does not come on, no maintenance procedure is necessary. Do the Close Out.
  - (2) If the #1 ENG FUEL PRESS caution light on the CAWP comes on, do the fault indication retrieval again (Refer to AMM77-31-00-710-802). Do the fault isolation.

### 4. Fault Isolation

Subtask 73-30-00-810-002

- A. Isolate the fault as follows:
  - (1) If the fault code is 773, do the fault isolation for the fault code 773 (Refer to FIM73-20-00-810-841). Do the Close Out.
  - (2) If the fault code is 911, do the fault isolation for the fault code 911 (Refer to FIM73-20-00-810-868). Do the Close Out.

### 5. Close Out

Subtask 73-30-00-941-001

- A. Make sure that the #1 ENG FUEL PRESS caution light on the CAWP is not on.
- B. Remove all the tools, equipment and unwanted materials from the work area.