



FAULT ISOLATION MANUAL

**ON A/C ALL

TASK 79-30-00-810-804

#1 OR #2 ENG OIL PRESS (Warning) – Fault Isolation

1. General

A. This fault isolation procedure is for when the Caution And Warning Panel (CAWP) #1 or #2 ENG OIL PRESS warning light is on.

B. The CAWP #1 or #2 ENG OIL PRESS warning light comes on when the Full Authority Digital Electronic Control 1 or 2 (FADEC 1 or FADEC 2) senses a condition that follows:

- Main oil pressure is less than 44 psi
- Main oil pressure crosscheck latched failed for more than 15 seconds.

NOTE: A low oil pressure switch fault code is set when the NH is more than 64% and the main oil pressure is less than 44 psi.

NOTE: A low oil pressure fault code is set when a condition is as follows:

- NH is more than 64% and the fuel filter fuel pressure is more than 19 psi
- NH is 0% and the fuel filter pressure is more than 19 psi for more than 15 seconds.

NOTE: The FADEC supplies discrete data through the engine cockpit interface unit (ECIU) to the CAWP for the #1 or #2 ENG OIL PRESS warning indication.

C. The engine display (ED) can show the related fault codes that follow:

- 772, Low oil pressure discrete mismatch fault latched
- 903, Low oil pressure switch fault
- 916, Main oil filter maintenance request.

2. Job Set-Up Information

Subtask 79-30-00-946-006

A. Reference Information

REFERENCE	DESIGNATION
AMM TASK 71-00-00-868-801	Engine Start
FIM TASK 73-20-00-810-840	Low Pressure Switch – Fault Isolation
FIM TASK 73-20-00-810-871	Low Oil Pressure Detected – Fault Isolation

3. Fault Confirmation

Subtask 79-30-00-810-007

A. Do the engine start procedure (Refer to AMM TASK 71-00-00-868-801).



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- (1) If the #1 or #2 ENG OIL PRESS warning light does not come on, no maintenance procedure is necessary. Do the Close Out.
- (2) If the #1 or #2 ENG OIL PRESS warning light does come on, do the Fault Isolation.

4. Fault Isolation

Subtask 79-30-00-810-008

A. Isolate the fault as follows:

- (1) If the fault code is 772, do the fault isolation for fault code 772 (Refer to FIM TASK 73-20-00-810-840). Do the Close Out.
- (2) If the fault code is 903, do the fault isolation for fault code 903 (Refer to FIM TASK 73-20-00-810-840). Do the Close Out.
- (3) If the fault code is 916, do the fault isolation for fault code 916 (Refer to FIM TASK 73-20-00-810-871). Do the Close Out.

5. Close Out

Subtask 79-30-00-941-005

- A. Make sure that the CAWP #1 or #2 ENG OIL PRESS warning light is not on.
- B. Remove all tools, equipment, and unwanted materials from the work area.