



FAULT ISOLATION MANUAL

**ON A/C ALL

TASK 27-60-00-810-803

ROLL SPLR INBD HYD (Caution) – Fault Isolation

1. General

- A. This fault isolation procedure is for when the caution and warning panel (CAWP) ROLL SPOILER INBD HYD caution light is on.
- B. The CAWP ROLL SPOILER INBD HYD caution light comes on when the inboard spoiler hydraulic system pressure is low.
- C. There are no related central diagnostic system messages.

2. Job Set-Up Information

Subtask 27-60-00-946-061

REFERENCE	DESIGNATION
WM 27-61-00-1	Roll Spoiler System
AMM TASK 27-61-00-710-801	Operational Test of the Roll Spoiler System
AMM TASK 27-61-26-000-801	Removal of the Unload Valves
AMM TASK 27-61-26-400-801	Installation of the Unload Valves
AMM TASK 27-61-28-000-801	Removal of the Pressure Control Switch
AMM TASK 27-61-28-400-801	Installation of the Pressure Control Switch
AMM TASK 27-61-33-000-801	Removal of the Spoiler PUSH OFF Switches
AMM TASK 27-61-33-400-802	Installation of the Spoiler PUSH OFF Switches
AMM TASK 27-61-41-000-801	Removal of the Spoiler Cable Sensor
AMM TASK 27-61-41-400-801	Installation of the Spoiler Cable Sensor
AMM TASK 27-61-41-000-802	Removal of the Spoiler Cable Sensor Switches
AMM TASK 27-61-41-400-802	Installation of the Spoiler Cable Sensor Switches
AMM TASK 31-51-01-000-801	Removal of the Caution and Warning Panel
AMM TASK 31-51-01-400-801	Installation of the Caution and Warning Panel

3. Fault Confirmation

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- A. Confirm the fault as follows:
 - (1) Do the operational test of the roll spoiler system (Refer to AMM TASK 27-61-00-710-801).
 - (a) If the ROLL SPLR INBD HYD caution light does not come on, no maintenance procedure is necessary. Do the Close Out.



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- (b) If the ROLL SPLR INBD HYD caution light does come on, do the fault isolation.

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B. Isolate the fault as follows:

- (1) Remove and replace the inboard spoiler pressure control switch (Refer to AMM TASK 27-61-28-000-801 and AMM TASK 27-61-28-400-801).
- (2) If the fault still continues, remove and replace the CAWP (Refer to AMM TASK 31-51-01-000-801 and AMM TASK 31-51-01-400-801).
- (3) If the fault still continues, remove and replace the inboard spoiler system unload valve (Refer to AMM TASK 27-61-26-000-801 and AMM TASK 27-61-26-400-801).
- (4) If the fault still continues, remove and replace the spoiler cable sensor (Refer to AMM TASK 27-61-41-000-801 and AMM TASK 27-61-41-400-801).
- (5) If the fault still continues, remove and replace the spoiler cable sensor switches (Refer to AMM TASK 27-61-41-000-802 and AMM TASK 27-61-41-400-802).
- (6) If the fault still continues, remove and replace the SPLR 1 PUSH OFF switch (Refer to AMM TASK 27-61-33-000-801 and AMM TASK 27-61-33-400-802).
- (7) If the fault still continues, do a check of the wiring between the inboard spoiler pressure control switch and the CAWP (Refer to WM 27-61-00-1):

2700-P33 (Inboard Spoiler Pressure Control Switch)	3312-P5 (CAWP)
D	24

- (8) If the wiring is unserviceable, repair the wiring. Do the Close Out.
- (9) If the fault still continues, do a check of the wiring between the inboard spoiler pressure control switch and ground stud GS7 (Refer to WM 27-61-00-1):

2700-P33 (Inboard Spoiler Pressure Control Switch)	Ground Stud
E	GS7

- (10) If the wiring is unserviceable, repair the wiring. Do the Close Out.
- (11) If the fault still continues, do a check of the wiring between the SPLR 1 PUSH OFF switch and the glare shield left disconnect (Refer to WM 27-61-00-1):

2700-S4 (SPLR 1 PUSH OFF Switch)	9811-J177 (Glare Shield Left Disconnect)
J2	P
J1	P

- (12) If the wiring is unserviceable, repair the wiring. Do the Close Out.



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- (13) If the fault still continues, do a check of the wiring between the inboard spoiler system unload valve and the glare shield left disconnect (Refer to WM 27-61-00-1):

2700-P31 (Inboard Spoiler System Unload Valve)	9811-J177 (Glare Shield Left Disconnect)
B	P

- (14) If the wiring is unserviceable, repair the wiring. Do the Close Out.
- (15) If the fault still continues, do a check of the wiring between the inboard spoiler system unload valve and the spoiler cable sensor (Refer to WM 27-61-00-1):

2700-P31 (Inboard Spoiler System Unload Valve)	2700-J40 (Spoiler Cable Sensor)
B	A

- (16) If the wiring is unserviceable, repair the wiring. Do the Close Out.
- (17) If the fault still continues, do a check of the spoiler cable sensor wiring (Refer to WM 27-61-00-1):

2700-P40 (Spoiler Cable Sensor)	2700-P40 (Spoiler Cable Sensor)
A	B

- (18) If the wiring is unserviceable, repair the wiring. Do the Close Out.

4. Close Out

Subtask 27-60-00-941-061

- A. Make sure that the CAWP ROLL SPLR INBD HYD caution light is not on.
- B. Remove all tools, equipment, and unwanted materials from the work area.