



## FAULT ISOLATION MANUAL

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### TASK 32-40-00-810-802

#### OUTBD ANTISKID (Caution) – Fault Isolation

##### 1. General

- A. This fault isolation procedure is for when the caution and warning panel (CAWP) OUTBD ANTISKID caution light is on.
- B. The CAWP shows the OUTBD ANTISKID light on when there is a loss of ability to command or control the outboard antiskid system.
- C. The audio and radio control display unit (ARCDU) can show one or more of the related central diagnostic system (CDS) messages that follow:
  - CONTROL UNIT
  - LT OUTBRD WST
  - RT OUTBRD WST
  - LT OUTBRD VLV
  - RT OUTBRD VLV
  - PSEU AIR/GND
  - PSEU GEAR UP.
- D. The proximity sensor electronics unit (PSEU) can show one or more of the related status messages that follow:
  - PSEU CHAN A FAIL DOT14A FAIL
  - DOT14A LOAD FAULT
  - DOT14A OVERCURRENT FAULT
  - PSEU CHAN D FAIL DOT19D FAIL
  - DOT19D LOAD FAULT
  - DOT19D OVERCURRENT FAULT.

**NOTE:** The fault isolation procedures for the above PSEU messages are equivalent to those for the related CDS PSEU AIR/GND or PSEU GEAR UP messages.

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

Subtask 32-40-00-946-032

REFERENCE	DESIGNATION
AMM TASK 32-46-00-720-801	Functional Test of the Antiskid System
FIM TASK 32-46-00-810-801	PSEU AIR/GND (Status) – Fault Isolation
FIM TASK 32-46-00-810-802	PSEU GEAR UP (Status) – Fault Isolation
FIM TASK 32-46-01-810-801	CONTROL UNIT (Status) – Fault Isolation
FIM TASK 32-46-06-810-801	LT OUTBRD VLV (Status) – Fault Isolation

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FIM TASK 32-46-06-810-802	RT OUTBRD VLV (Status) – Fault Isolation
FIM TASK 32-46-11-810-801	LT OUTBRD WST (Status) – Fault Isolation
FIM TASK 32-46-11-810-802	RT OUTBRD WST (Status) – Fault Isolation
AMM TASK 45-00-32-742-801	Retrieval of Data from the Central Diagnostic System – Anti-Skid System (ANTI-SKID)
AMM TASK 45-00-32-743-801	Erase the Data from the Central Diagnostic System – Anti-Skid System (ANTI-SKID)

### 3. Fault Confirmation

Subtask 32-40-00-700-004

A. Confirm the fault as follows:

- (1) On the ARCDU, do the fault indication retrieval (Refer to AMM TASK 45-00-32-742-801).
- (2) On the ARCDU, erase the data from the CDS for the antiskid system (Refer to AMM TASK 45-00-32-743-801).
- (3) Do a functional test of the antiskid system (Refer to AMM TASK 32-46-00-720-801 ).
- (4) On the ARCDU, retrieve the data for the antiskid system again (Refer to AMM TASK 45-00-32-742-801).
  - (a) If there are no related CDS status messages on the ARCDU, then no maintenance procedure is necessary. Do the Close out.
  - (b) If there are one or more related CDS status messages on the ARCDU, then do the Fault Isolation.

### 4. Fault Isolation

Subtask 32-40-00-810-006

- A. If the message is CONTROL UNIT, do the fault isolation for CONTROL UNIT (Refer to FIM TASK 32-46-01-810-801). Do the Close Out.
- B. If the message is LT OUTBRD WST, do the fault isolation for LT OUTBRD WST (Refer to FIM TASK 32-46-11-810-801). Do the Close Out.
- C. If the message is RT OUTBRD WST, do the fault isolation for RT OUTBRD WST (Refer to FIM TASK 32-46-11-810-802). Do the Close Out.
- D. If the message is LT OUTBRD VLV, do the fault isolation for LT OUTBRD VLV (Refer to FIM TASK 32-46-06-810-801). Do the Close Out.
- E. If the message is RT OUTBRD VLV, do the fault isolation for RT OUTBRD VLV (Refer to FIM TASK 32-46-06-810-802). Do the Close Out.
- F. If the message is PSEU AIR/GND, do the fault isolation for PSEU AIR/GND (Refer to FIM TASK 32-46-00-810-801). Do the Close Out.



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- G. If the message is PSEU GEAR UP, do the fault isolation for PSEU GEAR UP (Refer to FIM TASK 32-46-00-810-802). Do the Close Out.

### 5. Close Out

Subtask 32-40-00-941-030

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