

DC-TO-DC CONVERTER - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-135

1. General

- A. This section gives the procedures to remove and install the DC-to-DC converter of the CD player.
- B. The DC-to-DC converter is installed in the forward galley, zone 232.
- C. The procedures in this section are given in the sequence below. The tasks identified with (♦) are part of the Scheduled Maintenance Requirements Document (SMRD).

TASK NUMBER	DESCRIPTION	EFFECTIVITY
23-32-05-000-804-A	DC-TO-DC CONVERTER - REMOVAL	ACFT MODEL(S) EMB-135
23-32-05-400-804-A	DC-TO-DC CONVERTER - INSTALLATION	ACFT MODEL(S) EMB-135

TASK 23-32-05-000-804-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

2. DC-TO-DC CONVERTER - REMOVAL

A. General

(1) This task gives the procedures for the removal of the DC-to-DC converter.

B. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232		Forward galley

C. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	3/32 Allen wrench	To release the ceiling panel	

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward galley

H. Preparation (Figure 401)

SUBTASK 841-017-A

(1) On the circuit breaker panel, open the circuit breakers below and attach a DO-NOT-CLOSE tag to them:

- MUSIC (Location Tip: SHED DC BUS 1/SERVICE/MUSIC).
- PA (Location Tip: ESSENTIAL DC BUS 2/COMM/PA).

Open the door (13).

(2) Push the hot jugs to remove it from the galley.

I. Removal (Figure 401)

SUBTASK 020-017-A

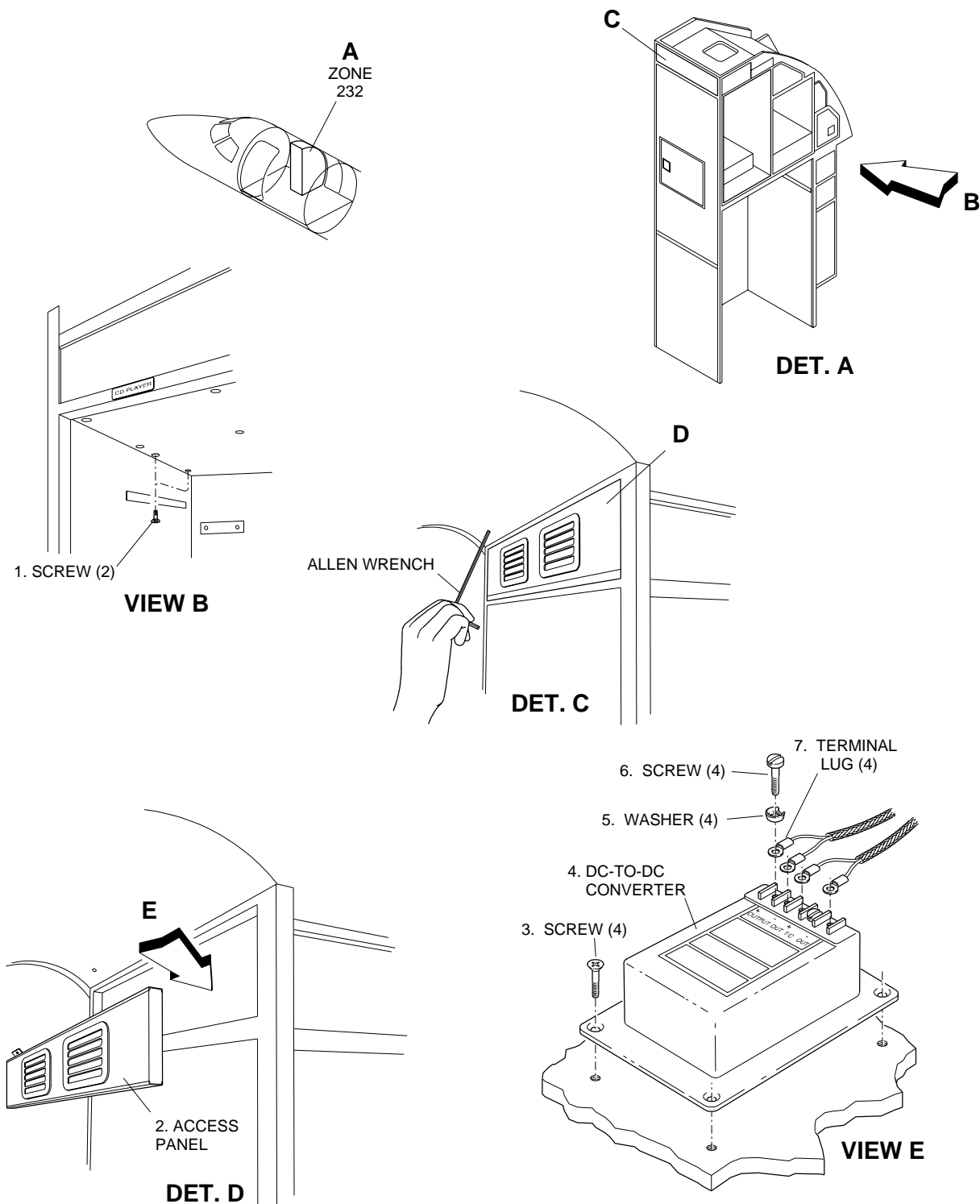
(1) Remove the screws (1).

(2) With a Allen wrench, release the ceiling panel.



- (3) Carefully move the LH edge of the access panel (2) to release it, then pull and disengage it from the forward galley.
- (4) Remove the screws (6) and washers (5) that attach the terminal lugs (7) to the DC-to-DC converter (4).
- (5) Remove the screws (3) that attach the DC-to-DC converter (4) to the forward galley.
- (6) Remove the DC-to-DC converter (4).

EFFECTIVITY: ACFT MODEL(S) EMB-135
DC-to-DC Converter - Removal/Installation
Figure 401



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TASK 23-32-05-400-804-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

3. DC-TO-DC CONVERTER - INSTALLATION

A. General

(1) This task gives the procedures for the installation of the DC-to-DC converter.

B. References

REFERENCE	DESIGNATION
AMM TASK 23-32-00-700-801-A/500	-
AMM TASK 23-32-00-700-802-A/500	-
AMM TASK 23-32-00-700-804-A/500	-
AMM TASK 23-32-00-700-805-A/500	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
232		Forward galley

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	3/32 Allen wrench	To release the ceiling panel	

E. Auxiliary Items

Not Applicable

F. Consumable Materials

Not Applicable

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Forward galley

I. Installation (Figure 401)

SUBTASK 420-017-A

- (1) Put the DC-to-DC converter (4) in position.
- (2) Install the screws (3) to attach the DC-to-DC converter (4) to the forward galley.
- (3) Put the terminal lugs (7) in position.

- (4) Install the screws (6) and washer (5) to attach the terminal lugs (7) to the DC-to-DC converter (4).
- (5) Install the access panel (2).
- (6) With the Allen wrench, attach the ceiling panel.

J. Follow-on (Figure 401)

SUBTASK 842-017-A

- (1) On the circuit breaker panel, close the circuit breakers listed below and remove the DO-NOT-CLOSE tag from them:
 - MUSIC (Location Tip: SHED DC BUS 1/SERVICE/MUSIC).
 - PA (Location Tip: ESSENTIAL DC BUS 2/COMM/PA).
- (2) (Aircraft with CD player model DEH-245) Do the CD player model DEH-245 operational test (AMM TASK 23-32-00-700-801-A/500) or (AMM TASK 23-32-00-700-802-A/500, if you turn on the CD player with the SOURCE pushbutton).
- (3) (Aircraft with CD player model DEH-1000) Do the CD player model DEH-1000 operational test (AMM TASK 23-32-00-700-804-A/500) or (AMM TASK 23-32-00-700-805-A/500, if you turn on the CD player with the SOURCE pushbutton).
- (4) Install the hot jugs in the galley.