



AIRCRAFT MAINTENANCE MANUAL

SHED BUS CONTACTOR (SBC) - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove/install the Shed Bus Contactors (SBC 1 and SBC 2).
- B. SBC 1 is installed in the left electrical-power control and distribution box.
- C. You can get access to SBC 1 through access panel 223UZ on the left side of forward fuselage section II.
- D. SBC 2 is installed in the right electrical-power control and distribution box.
- E. You can get access to SBC 2 through access panel 224NZ on the right side of forward fuselage section II.
- F. 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
24-60-02-000-801-A	SHED BUS CONTACTORS (SBCS) - RE- MOVAL	ALL
24-60-02-400-801-A	SHED BUS CONTACTORS (SBCS) - IN- STALLATION	ALL



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TASK 24-60-02-000-801-A

EFFECTIVITY: ALL

2. SHED BUS CONTACTORS (SBCS) - REMOVAL

A. General

- (1) This task gives the procedure to remove the shed bus contactor (SBC).

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223UZ	Forward fuselage section II
224	224NZ	Forward fuselage section II

D. Tools and Equipment

Not Applicable

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 fuselage - section II
1	Does the task	Forward fuselage - section II

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the GPU pushbutton, on the electrical panel, on the overhead panel, is set at OFF (the striped bars are off).
- (2) Attach a DO-NOT-SET-ON tag to the GPU pushbutton.
- (3) Make sure that the BATT 1 and BATT 2 switches, on the electrical panel, on the overhead panel, are set at OFF.
- (4) Attach a DO-NOT-SET-AUTO tag to the BATT 1 and BATT 2 switches.
- (5) Open access panel 223UZ or 224NZ, as applicable ([AMM MPP 06-41-03/100](#)).



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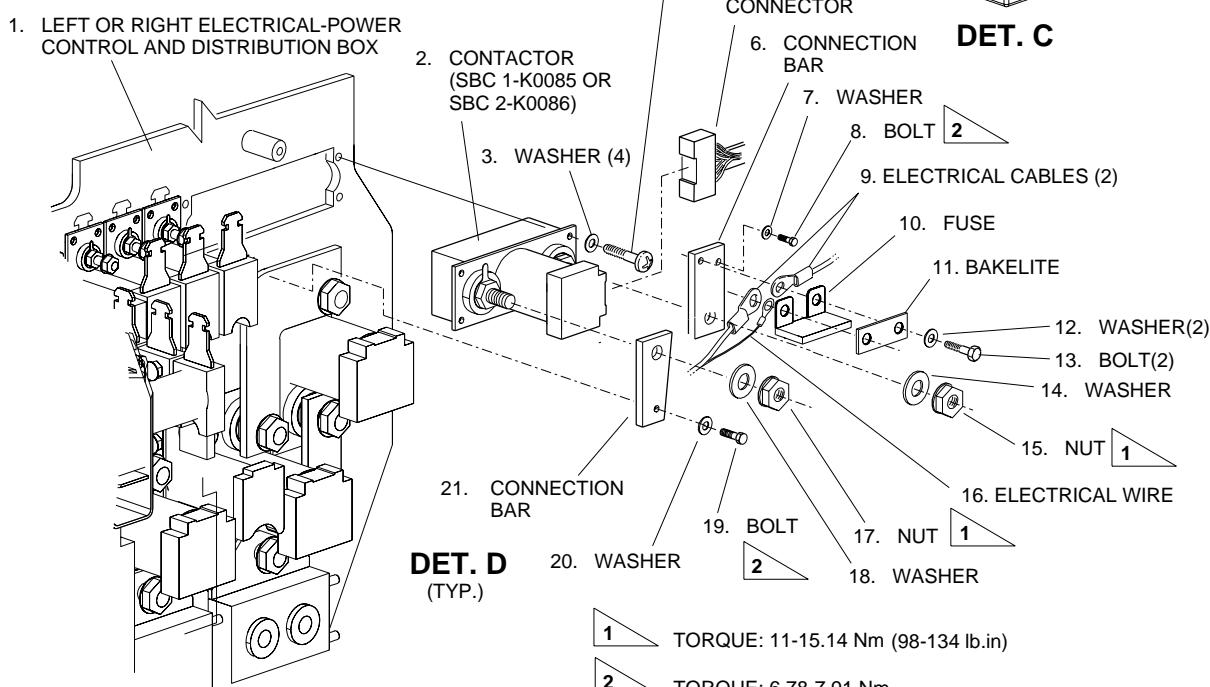
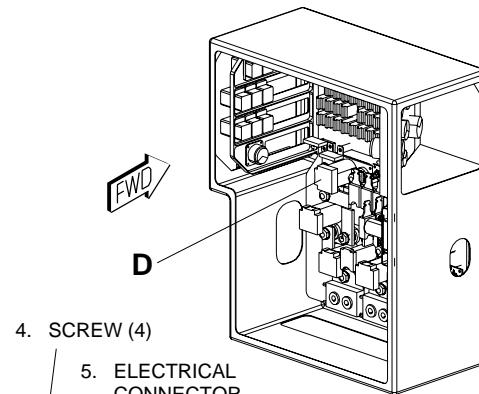
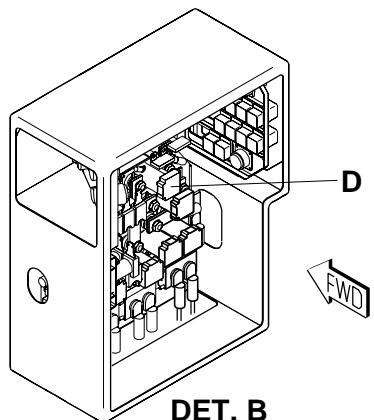
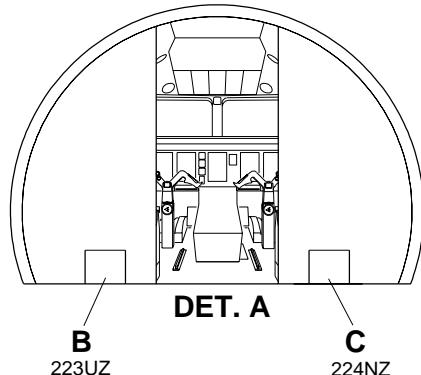
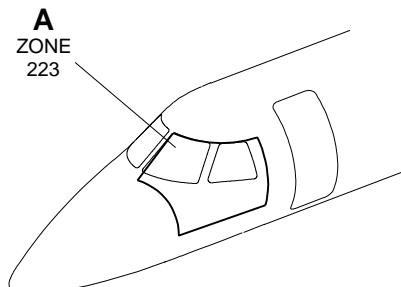
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J. Removal ([Figure 401](#))

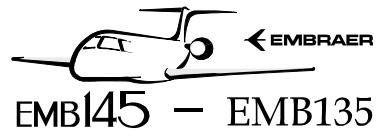
SUBTASK 020-002-A

- (1) Disconnect the electrical connector (5) from the contactor (2).
- (2) Remove the bolts (13) and washers (12) to release the fuse (10) from the connection bar (6).
- (3) Remove the nut (15) and washer (14) to disconnect the connection bar (6) from the contactor (2).
- (4) Release the two electrical cables (9) electrical wire (16) and Bakelite board (11) from the fuse (10).
- (5) Remove the bolt (8) and washer (7) and remove the connection bar (6).
- (6) Remove the nut (17) and washer (18) to disconnect the connection bar (21) from the contactor (2).
- (7) Remove the bolt (19) and washer (20) and remove the connection bar (21).
- (8) Remove the screws (4) and washers (3).
- (9) Remove the contactor (2) from the electrical-power control and distribution box (1).

EFFECTIVITY: ALL

 Shed Bus Contactor (SBC) - Removal/Installation
 Figure 401


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TASK 24-60-02-400-801-A

EFFECTIVITY: ALL

3. SHED BUS CONTACTORS (SBCS) - INSTALLATION

A. General

- (1) This task gives the procedure to install the shed bus contactor (SBC).

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM TASK 24-60-00-700-802-A/500	ELEC EMERG ABNORM ALARM - OPERATIONAL CHECK

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
223	223UZ	Forward fuselage section II
224	224NZ	Forward fuselage section II

D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench (For the torque range, refer to Figure 401)	To torque	

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 fuselage - section II
1	Does the task	Forward fuselage - section II

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Put the contactor (2) in the electrical-power control and distribution box (1).
- (2) Attach the contactor (2) to the electrical-power control and distribution box (1) with the screws (4) and washers (3).



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- (3) Put the connection bar (21) in the electrical-power control and distribution box (1) and attach it with the bolt (19) and washer (20).
Connect the connection bar (21) to the contactor (2) with the nut (17) and washer (18).
- (4) Put the connection bar (6) in the electrical-power control and distribution box (1) and attach it with the bolt (8) and washer (7).
- (5) Install the two electrical cables (9) electrical wire (16) and Bakelite board (11) to the fuse (10).
- (6) Connect the connection bar (6) to the contactor (2) with the nut (15) and washer (14).
- (7) Connect the fuse (10) to the connection bar (6) with the bolts (13) and washers (12).
- (8) Tighten the nuts (15) and (17), and the bolts (8) and (19) with the torque specified in the Figure 401.
- (9) Connect the electrical connector (5) to the contactor (2).

J. Follow-on

SUBTASK 842-002-A

- (1) Install access panel 223UZ or/and 224NZ, ([AMM MPP 06-41-03/100](#)), as applicable.
- (2) Remove the DO-NOT-SET-ON tag from the GPU pushbutton.
- (3) Remove the DO-NOT-SET-AUTO tag from the BATT 1 and BATT 2 switches.
- (4) Do the Operational Check of the ELEC EMERG ABNORM Alarm ([AMM TASK 24-60-00-700-802-A/500](#)).