HF CONTACTOR - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

    A.   This section gives the procedures to remove and install the HF Power contactor.

    B.   The HF Power contactor is installed in the RH Electrical-power control/distribution box.

    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
23-11-17-000-801-A	HF POWER CONTACTOR - REMOVAL	ALL
23-11-17-400-801-A	HF POWER CONTACTOR - INSTALLA-TION	ALL

TASK 23-11-17-000-801-A
EFFECTIVITY: ALL

2. <u>HF POWER CONTACTOR - REMOVAL</u>

    A.   General

        (1)   This procedure gives the instructions to remove the HF Power contactor.

    B.   References

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

    C.   Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
224	224NZ	RH cockpit/pax partition

    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	RH cockpit/pax partition

    I.   Preparation

    SUBTASK 841-002-A

        (1)   Make sure that the GPU pushbutton, on the overhead panel, is set to OFF.

        (2)   Put a DO-NOT-SET-TO-ON tag, on GPU pushbutton.

        (3)   Make sure that the BATT 1 and BATT 2 switches, on the overhead panel, are set to OFF.

        (4)   Put a DO-NOT-SET-TO-AUTO tag, on BATT 1 and BATT 2 switches.

        (5)   Set the BACKUP pushbutton, on the overhead panel, to OFF.

        (6)   Put a DO-NOT-SET-AUTO tag, on BACKUP pushbutton.

(7)   To get access to the HF Power contactor RH electrical-power control/distribution box, remove the 224NZ access panel (AMM MPP 06-41-03/100).

J.   Removal (Figure 401)

SUBTASK 020-002-A

(1)   Disconnect the electrical connector (2).

(2)   Remove the screws (3), washers (4) and electrical wire (5).
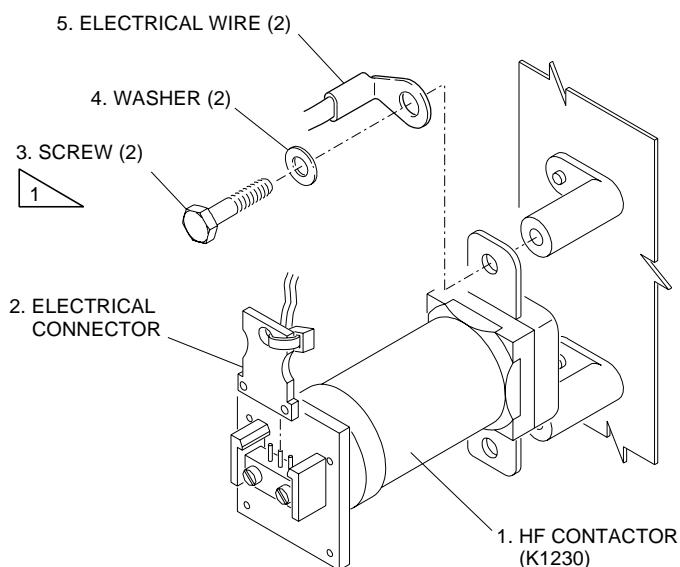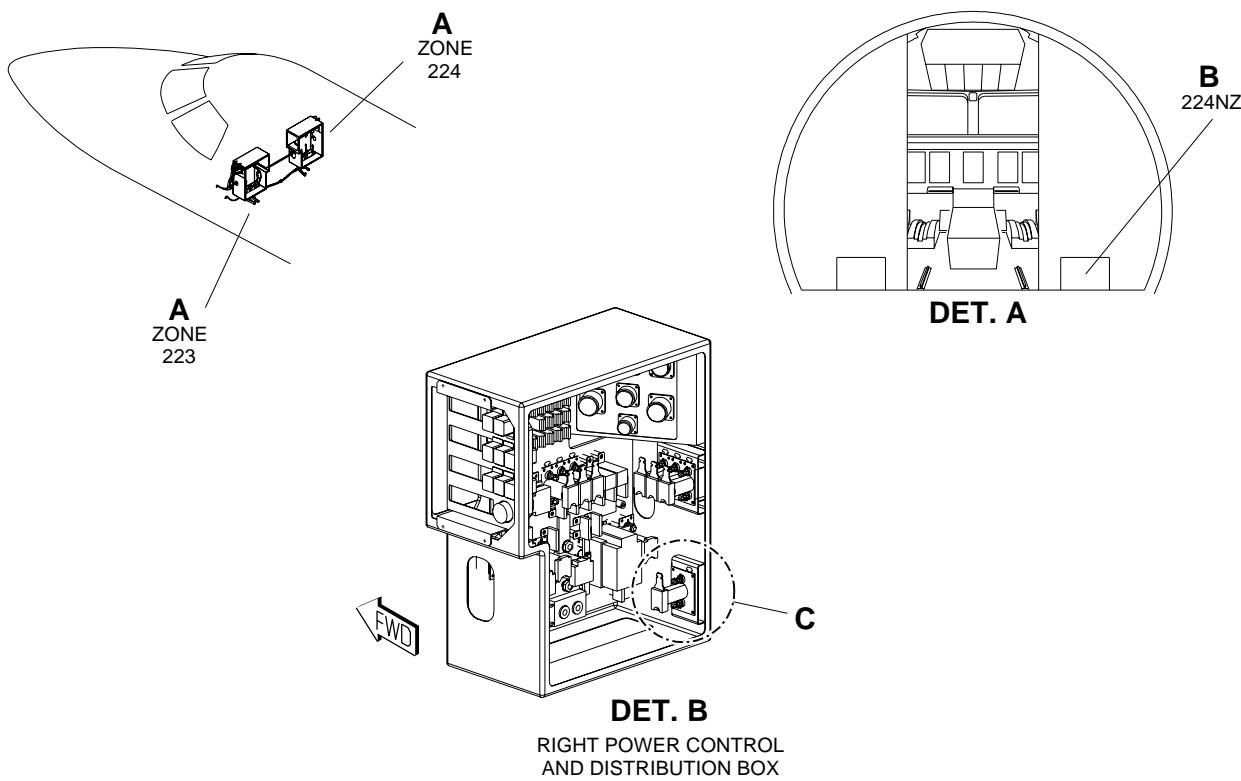
NOTE: If the electrical cables are without an identification code, identify them to make the reinstallation easier.

(3)   Remove the HF Power contactor (1) from the electrical-power control/distribution box.

EFFECTIVITY: ALL
HF Power Contactor - Removal/Installation
Figure 401

A
ZONE
224

A
ZONE
223

B
224NZ

DET. A

FWD

C

DET. B
RIGHT POWER CONTROL
AND DISTRIBUTION BOX

5. ELECTRICAL WIRE (2)

4. WASHER (2)

3. SCREW (2)

⟁1

2. ELECTRICAL
CONNECTOR
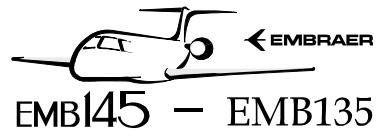
1. HF CONTACTOR
(K1230)

DET. C

⟁1 TORQUE: 4.0 – 4.4 N.m (35.3 – 39.0 lb.in)

EM145AMM231218A.DGN

TASK 23-11-17-400-801-A
EFFECTIVITY: ALL

3. <u>HF POWER CONTACTOR - INSTALLATION</u>

    A. General

        (1) This procedure gives the instructions to install the HF Power contactor.

    B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-03/100	- COMPONENT LOCATION
AMM SDS 24-60-00/1	
AMM TASK 23-11-00-700-803-A/500	HF SYSTEM - OPERATIONAL TEST

    C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
224	224NZ	RH cockpit/pax partition

    D. Tools and Equipment

ITEM	DESCRIPTION	PURPOSE	QTY
Commercially available	Torque wrench	To apply the 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	RH cockpit/pax partition

    I. Installation (Figure 401)

       SUBTASK 420-002-A

        (1) Put the HF Power contactor (1) in the electrical-power control/distribution box (AMM SDS 24-60-00/1).

        (2) Install the screws (3), washers (4) and the electrical wire (5) that attach the HF Power contactor (1) in the electrical-power control/distribution box.

        (3) Use the torque wrench to torque nut (3) to 4.0 - 4.4 N.m (35.3 - 39 lbf.in).

(4)   Apply a drop of torque seal F-925 to the nut (3) as a check mark.

(5)   Connect the electrical connector (2).

J.   Follow-on

SUBTASK 842-002-A

(1)   Close the 224NZ access panel (AMM MPP 06-41-03/100).

(2)   Remove the DO-NOT-SET-AUTO tag from the BACKUP pushbutton.

(3)   Set the BACKUP pushbutton to AUTO.

(4)   Remove the DO-NOT-SET-TO-ON tag from the GPU pushbutton.

(5)   Remove the DO-NOT-SET-TO-AUTO tag from BATT 1 and BATT 2 switches.

(6)   Do the Operational Check of the HF System (AMM TASK 23-11-00-700-803-A/500).