

TOP/BOTTOM TRANSPONDER ANTENNA TRANSFER RELAY - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the top/bottom XPDR Antenna Transfer (XFR) Relay.
- B. 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
34-52-03-000-801-A	TOP/BOTTOM XPDR ANTENNA XFR RE-LAY - REMOVAL	ALL
34-52-03-400-801-A	TOP/BOTTOM XPDR ANTENNA XFR RE-LAY - INSTALLATION	ALL

TASK 34-52-03-000-801-A

EFFECTIVITY: ALL

2. TOP/BOTTOM XPDR ANTENNA XFR RELAY - REMOVAL

A. General

(1) This procedure gives the instructions to remove the top/bottom XPDR Antenna XFR Relay.

B. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
113	113CZ	Forward electronic compartment

C. Tools and Equipment

Not Applicable

D. Auxiliary Items

Not Applicable

E. Consumable Materials

Not Applicable

F. Expandable Parts

Not Applicable

G. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	At the forward electronic compartment

H. Preparation

SUBTASK 841-002-A

(1) On the circuit breaker panel, open the XPDR 1 and XPDR 2 circuit breakers and attach a DO-NOT-CLOSE tag to them.

I. Removal [\(Figure 401\)](#)

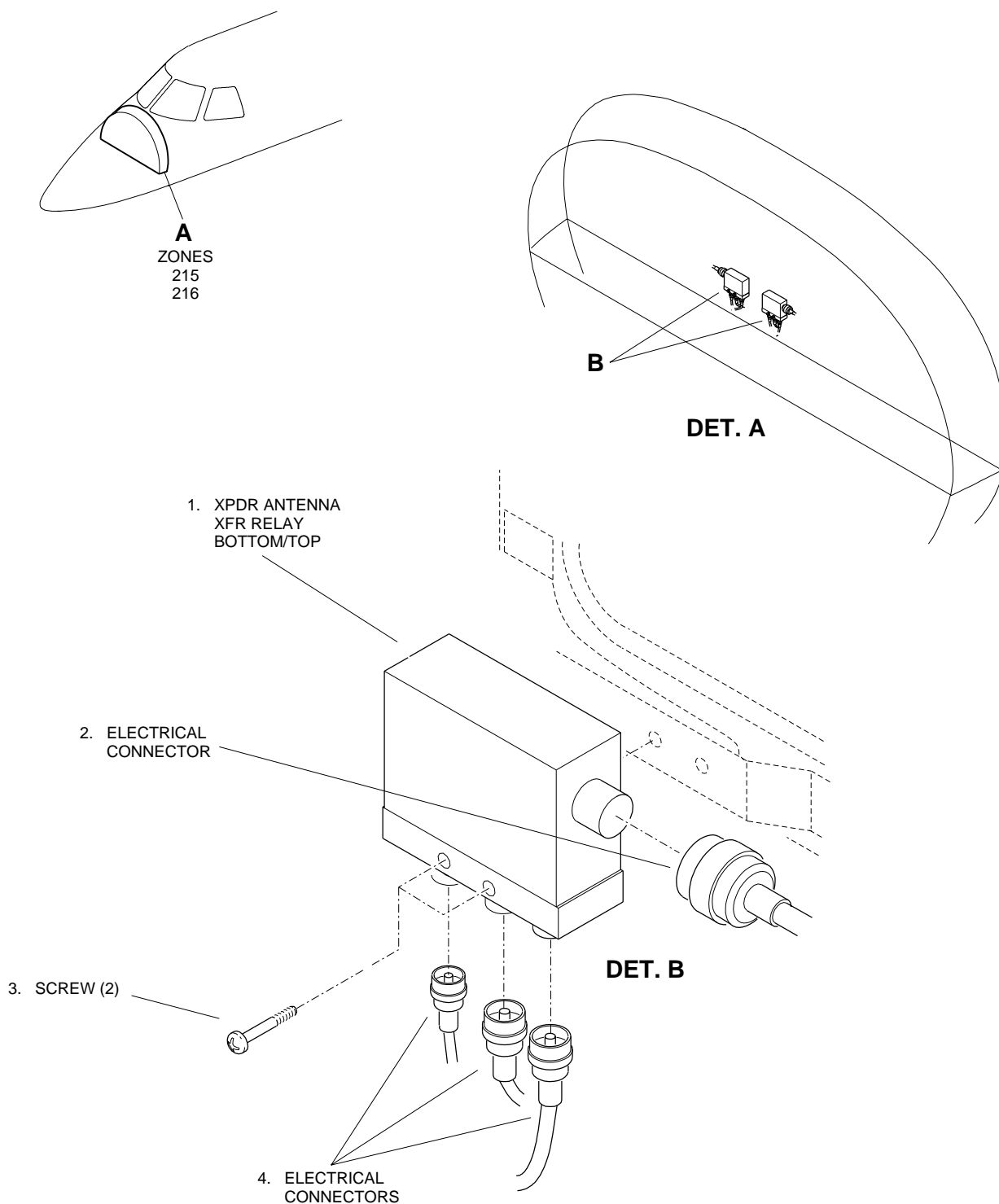
SUBTASK 020-002-A

- (1) Disconnect the electrical connectors (2), and (4).
- (2) Remove the two screws (3).
- (3) Remove the top/bottom XPDR Antenna XFR Relay (1).

EFFECTIVITY: ALL

Top/Bottom XPDR Antenna XFR Relay - Installation

Figure 401



145AMM340155.MCE A

TASK 34-52-03-400-801-A

EFFECTIVITY: ALL

3. TOP/BOTTOM XPDR ANTENNA XFR RELAY - INSTALLATION

A. General

(1) This procedure gives the instructions to install the top/bottom XPDR Antenna XFR Relay.

B. References

REFERENCE	DESIGNATION
AMM TASK 34-52-00-700-802-A/500	TRANSPONDER SYSTEM - OPERATIONAL TEST
WM 20-50-00	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
113	113CZ	Forward electronic compartment

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-S-8660	Dow Corning No. 4 Lubricant Compound	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	At the forward electronic compartment

I. Installation (Figure 401)

SUBTASK 420-002-A

- (1) Examine and clean or replace the electrical connectors (4) and (2) as required (WM 20-50-00).
- (2) Install the top/bottom XPDR Antenna XFR Relay (1).
- (3) Install the two screws (3).
- (4) Fill the internal part of the electrical connectors (4) and (2) and their mates with Dow Corning No. 4 Lubricant Compound (WM 20-50-00).

- (5) Connect the electrical connectors (4), and (2).

J. Follow-on

SUBTASK 842-002-A

- (1) On the circuit breaker panel, close the XPDR 1 and XPDR 2 circuit breakers and remove the DO-NOT-CLOSE tag from them.
- (2) Do the Mode S Transponder Operational Test ([AMM TASK 34-52-00-700-802-A/500](#)).

