

DIGITAL CONTROLLER - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedures to remove and install the cabin-pressure-control-system digital controller.
- B. The digital controller is installed on the control pedestal.
- 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
21-31-01-000-801-A	DIGITAL CONTROLLER - REMOVAL	ALL
21-31-01-400-801-A	DIGITAL CONTROLLER - INSTALLATION	ALL

TASK 21-31-01-000-801-A

EFFECTIVITY: ALL

2. DIGITAL CONTROLLER - REMOVAL

A. General

(1) This task gives the procedure to remove the digital controller.

B. References

REFERENCE	DESIGNATION
S.B.145-21-0027	-

C. Zones and Accesses

Not Applicable

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	Control pedestal

I. Preparation

SUBTASK 841-002-A

- (1) On the overhead circuit breaker panel, open the PRESS CONTROL circuit breaker and attach a DO-NOT-CLOSE tag to it (Location tip: DC BUS 1/AIR COND/PNEU/PRESS CONTROL).

J. Removal ([Figure 401](#)) ([Figure 402](#))

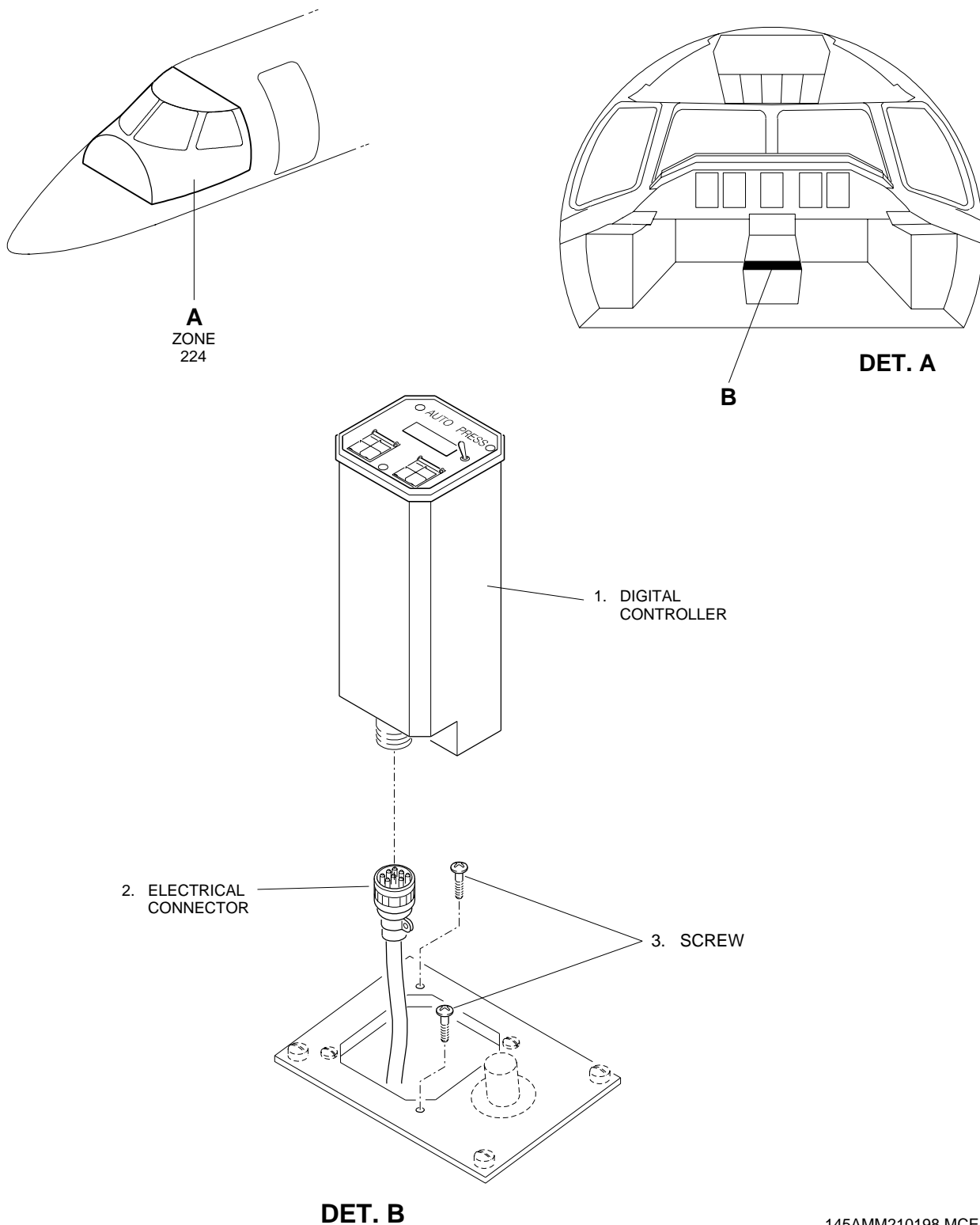
SUBTASK 020-002-A

- (1) Remove the two larger attachment screws (3).
- (2) On aircraft POST-MOD. [S.B.145-21-0027](#), remove the mechanical protection (4).
- (3) Move the digital controller (1) from its position.
- (4) Disconnect the electrical connector (2).
- (5) Remove the digital controller (1).

EFFECTIVITY: ALL

Digital Controller - Removal/Installation

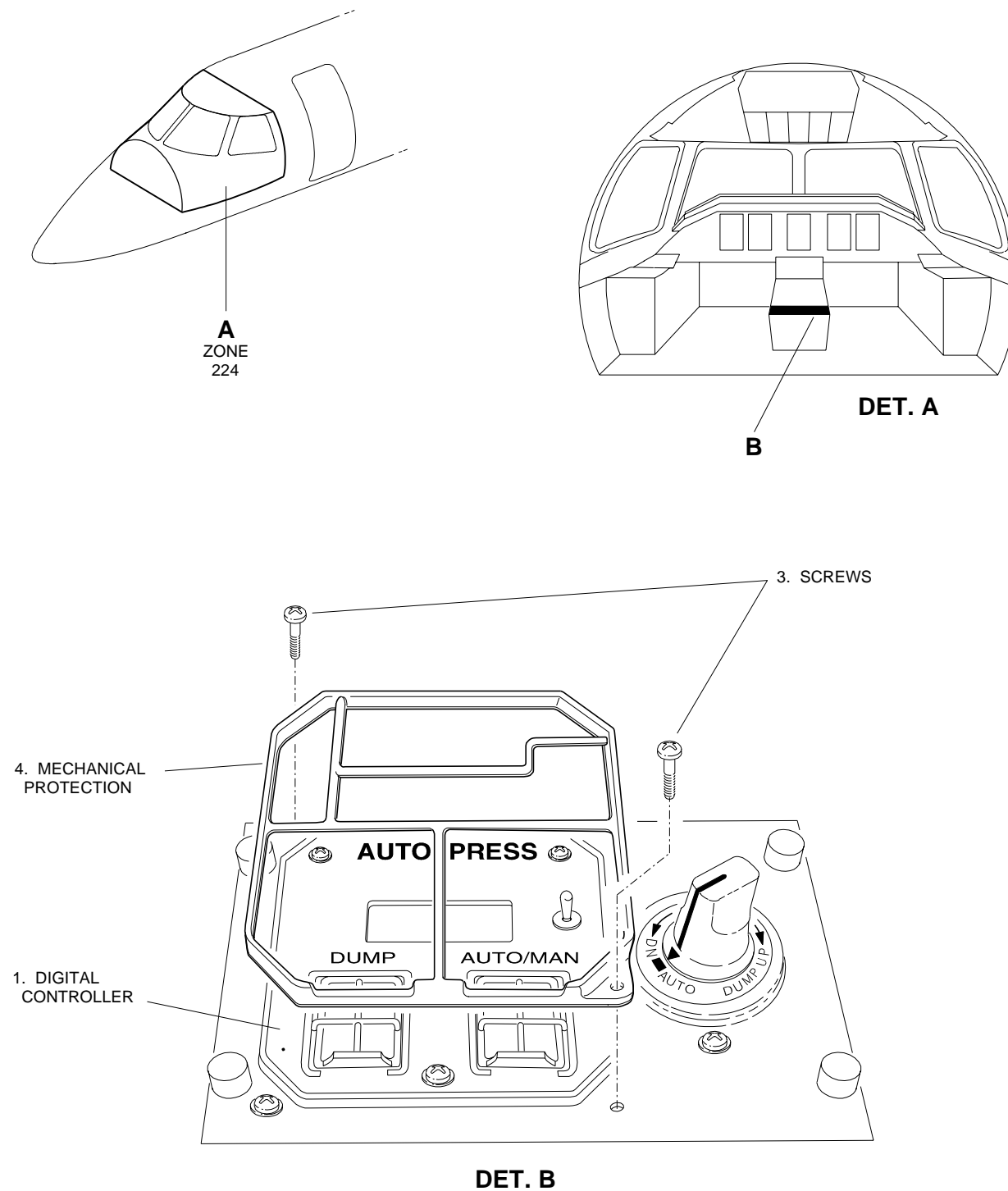
Figure 401



EFFECTIVITY: POST-MOD. S.B. 145-21-0027

Digital Controller Mechanical Protection - Removal/Installation

Figure 402



145AMM210502.MCE A

TASK 21-31-01-400-801-A

EFFECTIVITY: ALL

3. DIGITAL CONTROLLER - INSTALLATION

A. General

(1) This task gives the procedure to install the digital controller.

B. References

REFERENCE	DESIGNATION
AMM TASK 21-31-00-700-802-A/500	-
S.B.145-21-0027	-

C. Zones and Accesses

Not Applicable

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	Control pedestal

I. Preparation

SUBTASK 841-003-A

(1) Make sure that the PRESS CONTROL circuit breaker, on the overhead circuit breaker panel, is open and with a DO-NOT-CLOSE tag attached to it (Location tip: DC BUS 1/AIR COND/PNEU/PRESS CONTROL).

J. Installation (Figure 401) (Figure 402)

SUBTASK 420-002-A

- (1) Connect the electrical connector (2) to the digital controller (1).
- (2) Put the digital controller (1) in the installation position.
- (3) On aircraft POST-MOD. [S.B.145-21-0027](#), put the mechanical protection (4) in the installation position.
- (4) Attach the two attachment screws (3).

K. Follow-on

SUBTASK 842-002-A

- (1) On the overhead circuit breaker panel, remove the DO-NOT-CLOSE tag from the PRESS CONTROL circuit breaker and close it (Location tip: DC BUS 1/AIR COND/PNEU/PRESS CONTROL).
- (2) Do the AMM TASK 21-31-00-700-802-A/500.