



## AIRCRAFT MAINTENANCE MANUAL

### LAVATORY DOOR LOCK - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

#### 1. General

- A. This section gives the procedures to remove/install the lavatory door lock.
- B. The lavatory door lock is installed in the passenger cabin, at zones 261 and 262.
- 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
25-40-02-000-801-A	LAVATORY DOOR LOCK - REMOVAL	ALL
25-40-02-400-801-A	LAVATORY DOOR LOCK - INSTALLATION	ALL



EMB145 – EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 25-40-02-000-801-A

EFFECTIVITY: ALL

2. LAVATORY DOOR LOCK - REMOVAL

A. General

- (1) This task gives the procedures to remove the lavatory door lock.

B. References

REFERENCE	DESIGNATION
AMM TASK 25-44-01-000-801-A/400	LAVATORY SLIDE DOOR - REMOVAL
AMM TASK 25-44-01-000-802-A/400	LAVATORY BI-FOLD DOOR - REMOVAL
S.B.145-25-0315	-

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	Passenger cabin/lavatory

I. Lavatory Door Lock with Slide Door - Removal (Figure 401)

SUBTASK 020-002-A

- (1) On aircraft with slide door, remove the lavatory door lock, as follows:
- Remove the slide door (1) [AMM TASK 25-44-01-000-801-A/400](#).
  - Remove the screws (8) that attach the escutcheon plate (7). Refer to DET. C, [Figure 401](#), sheet 2.
  - Remove the escutcheon plate (7).
  - Put the indicator latch (16) in the locked position and loosen the rod (6). Refer to DET. C and DET. F, [Figure 401](#), sheet 2.
  - Pull the rod (6).



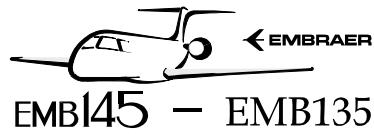
## AIRCRAFT MAINTENANCE MANUAL

- (f) Remove the screws (5) that attach the lavatory sign assembly (4) to the slide door (1). Refer to DET. B, [Figure 401](#), sheet 1.
- (g) Remove the knob (2) and the external knob (3).
- (h) Remove the screws (14) that attach the indicator latch (16). Refer to DET. E, [Figure 401](#), sheet 2.
- (i) Remove the indicator latch (16).
- (j) If it is necessary to remove the door latch (9), remove the screws (10) and (11) that attach the door latch (9). Refer to DET. D, [Figure 401](#), sheet 2.

### J. Lavatory Door Lock with Bi-Fold Door - Removal ([Figure 402](#)) ([Figure 403](#))

#### SUBTASK 020-003-A

- (1) For aircraft PRE-MOD. [S.B.145-25-0315](#), remove the lavatory door lock, as follows ([Figure 402](#)):
  - (a) Remove the bi-fold door (1) [AMM TASK 25-44-01-000-802-A/400](#).
  - (b) Remove the screws (10) that attach the escutcheon plate (8). Refer to DET. C, [Figure 402](#), sheet 2.
  - (c) Remove the escutcheon plate (8).
  - (d) Put the indicator latch (13) in the locked position and loosen the rod (9).
  - (e) Pull the rod (9).
  - (f) Remove the screws (6) that attach the lavatory sign assembly (5) to the bi-fold door (1).
  - (g) Remove the knob (7) and the external knob (4).
  - (h) Remove the screws (14) that attach the indicator latch (13). Refer to DET. D, [Figure 402](#), sheet 2.
  - (i) Remove the indicator latch (13).
- (2) For aircraft POST-MOD. [S.B.145-25-0315](#), remove the lavatory door lock, as follows ([Figure 403](#)):
  - (a) Remove the bi-fold door (1) [AMM TASK 25-44-01-000-802-A/400](#).
  - (b) Remove the screws (6) that attach the lavatory sign assembly (5) to the bi-fold door (1). Refer to DET. B, [Figure 403](#), sheet 2.
  - (c) Remove the knob (7) and the external knob (4).
  - (d) Remove the screws (9) that attach the magnetic striker plate (8) to the block support. Refer to DET. C, [Figure 403](#), sheet 2.
  - (e) Remove the screws (10) that attach the indicator latch (12). Refer to DET. C, [Figure 403](#), sheet 2.



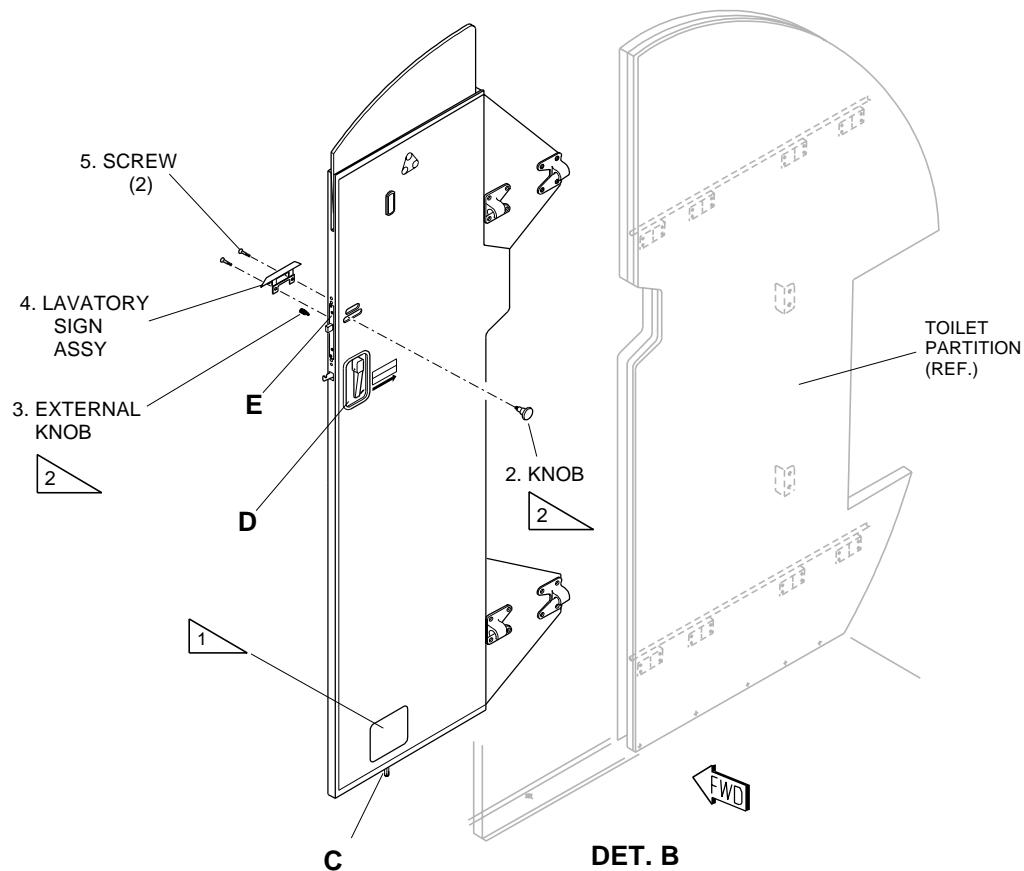
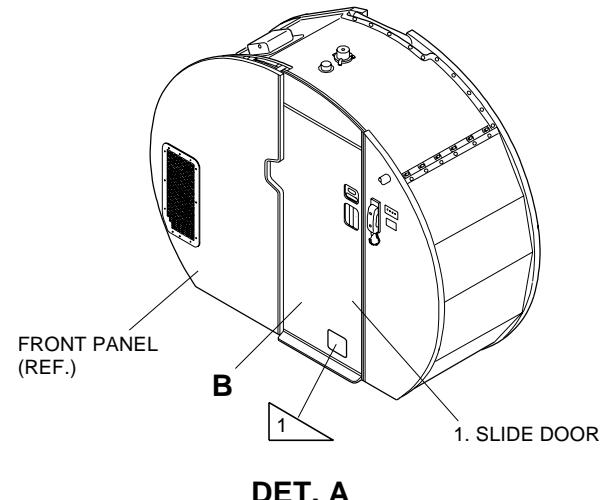
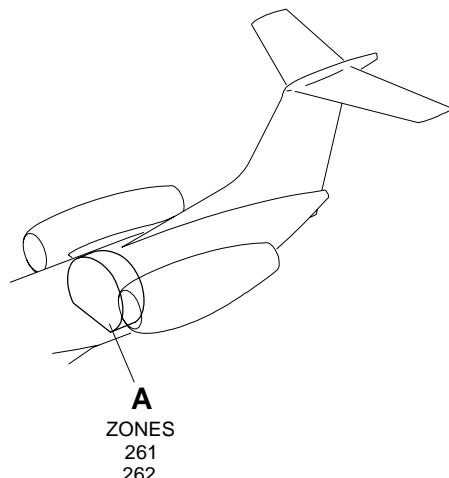
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MAINTENANCE MANUAL

- (f) Remove the indicator latch (12).

**EFFECTIVITY: ALL**

Lavatory Door Lock with Slide Door - Removal/Installation

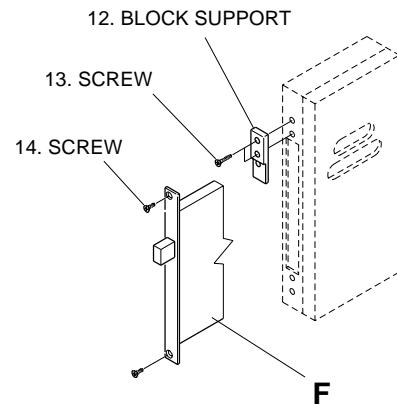
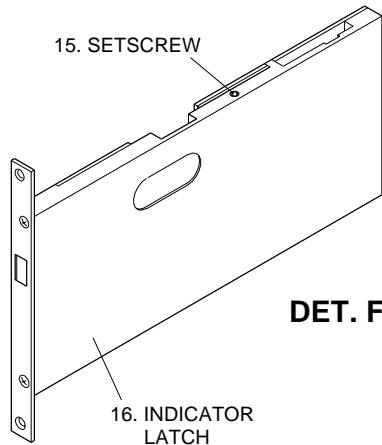
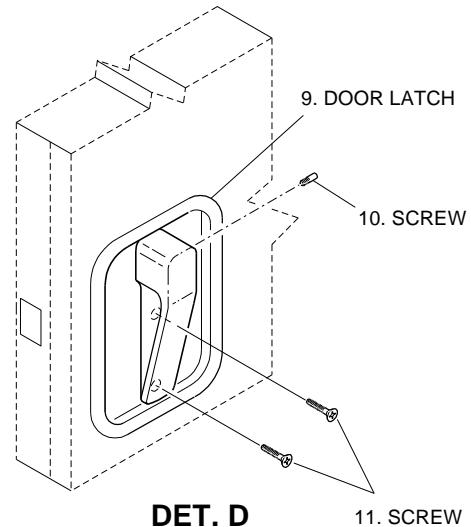
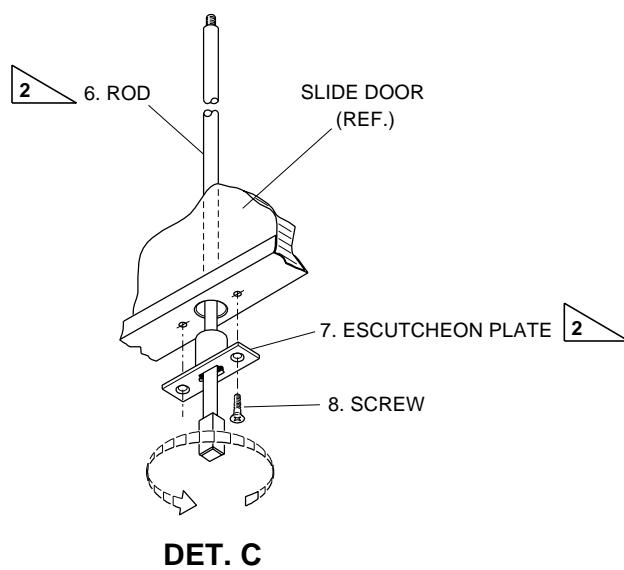
Figure 401 - Sheet 1



 1 FOR AIRCRAFT WITH ACCESS PANELS 261AZ AND 261BZ

 2 APPLY LOCTITE 242

EM145AMM250424B.DGN

**EFFECTIVITY: ALL**
**Lavatory Door Lock with Slide Door - Removal/Installation**
**Figure 401 - Sheet 2**

**DET. E**

**1** FOR AIRCRAFT WITH ACCESS PANELS 261AZ AND 261BZ

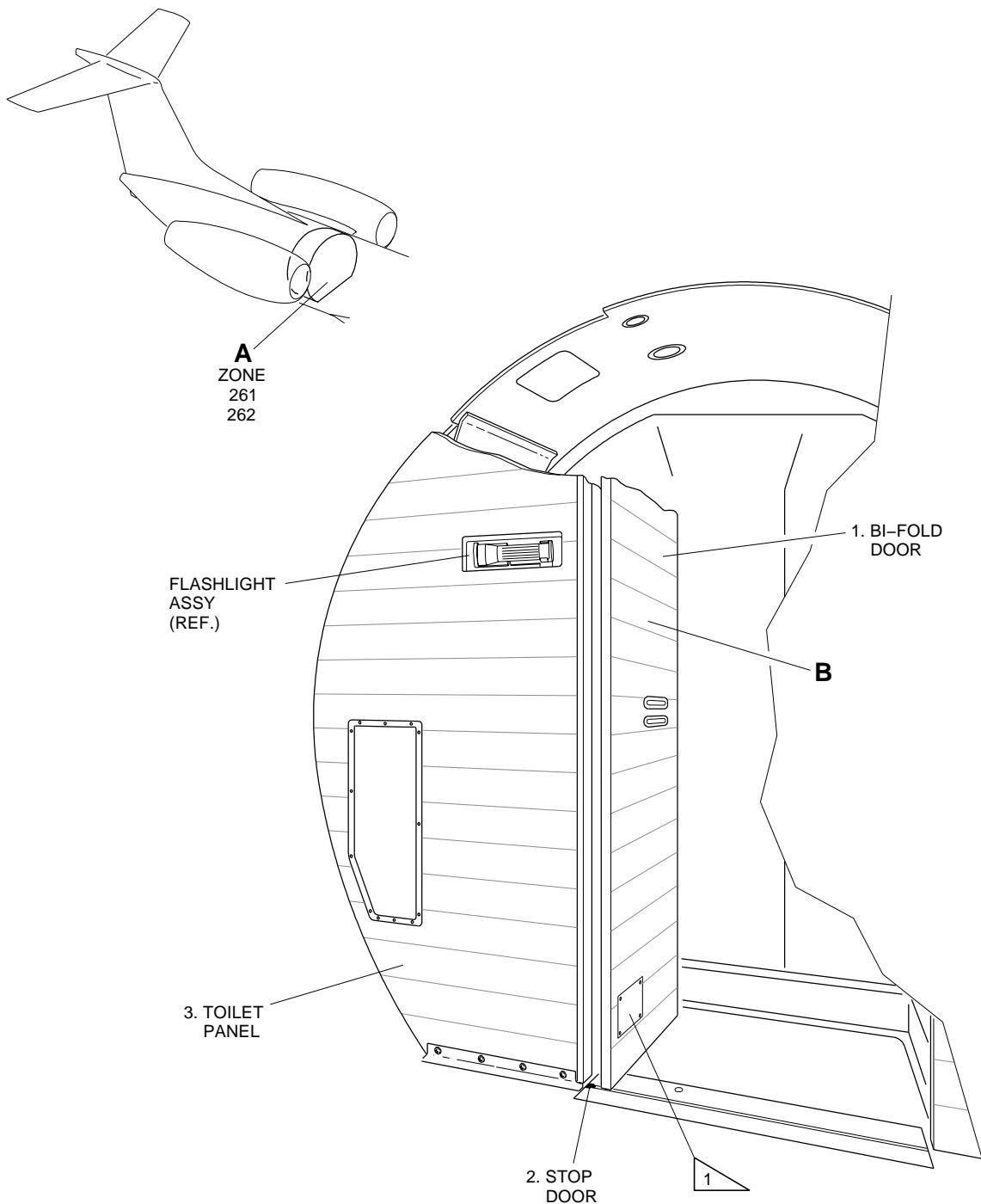
**2** CLEAN AND DO NOT LUBRICATE

**EM145AMM250425B.DGN**

**EFFECTIVITY: FOR AIRCRAFT PRE-MOD. S.B. 145-25-0315**

Lavatory Door Lock with Bi-Fold Door - Removal/Installation

Figure 402 - Sheet 1

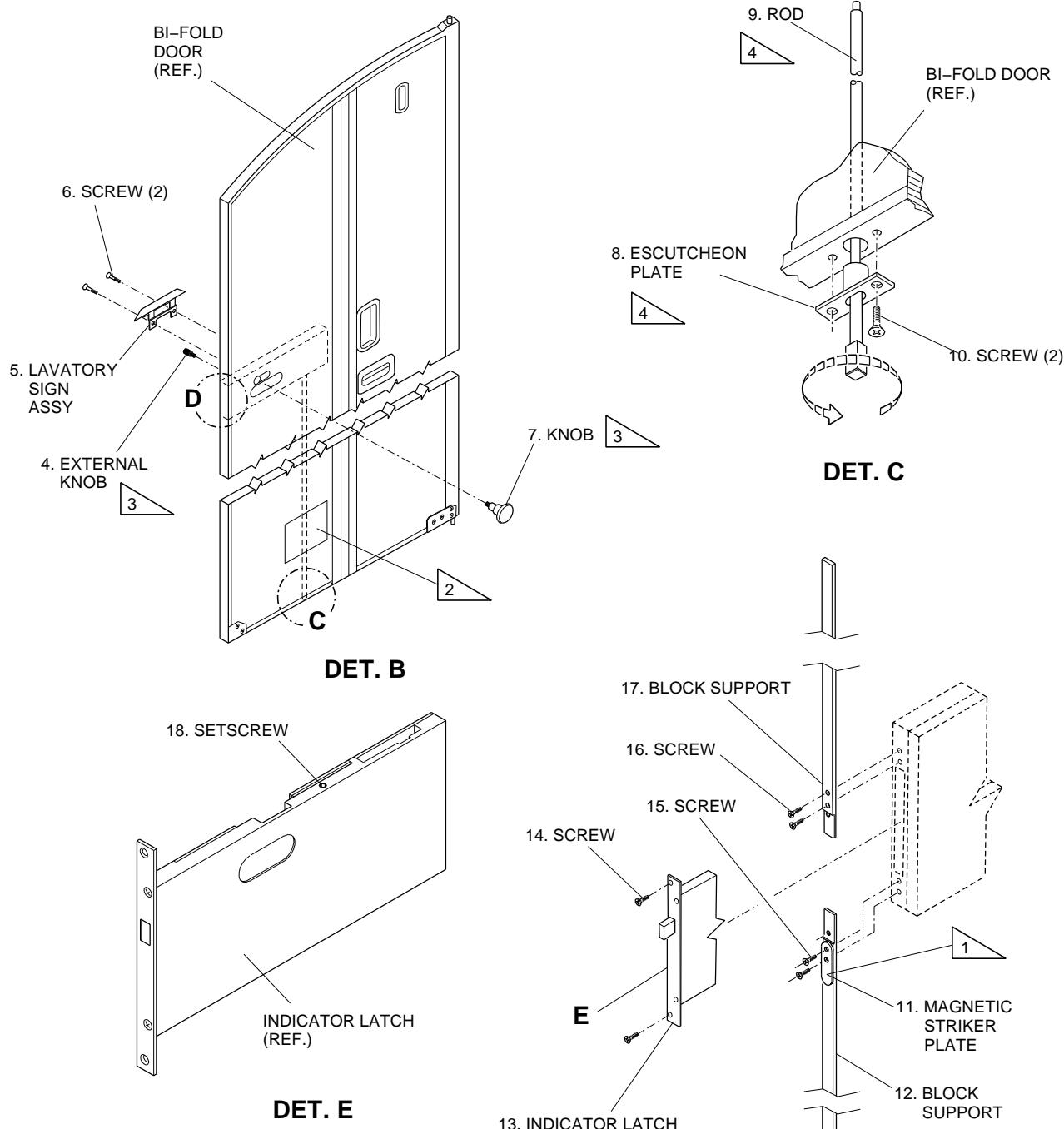


**DET. A**

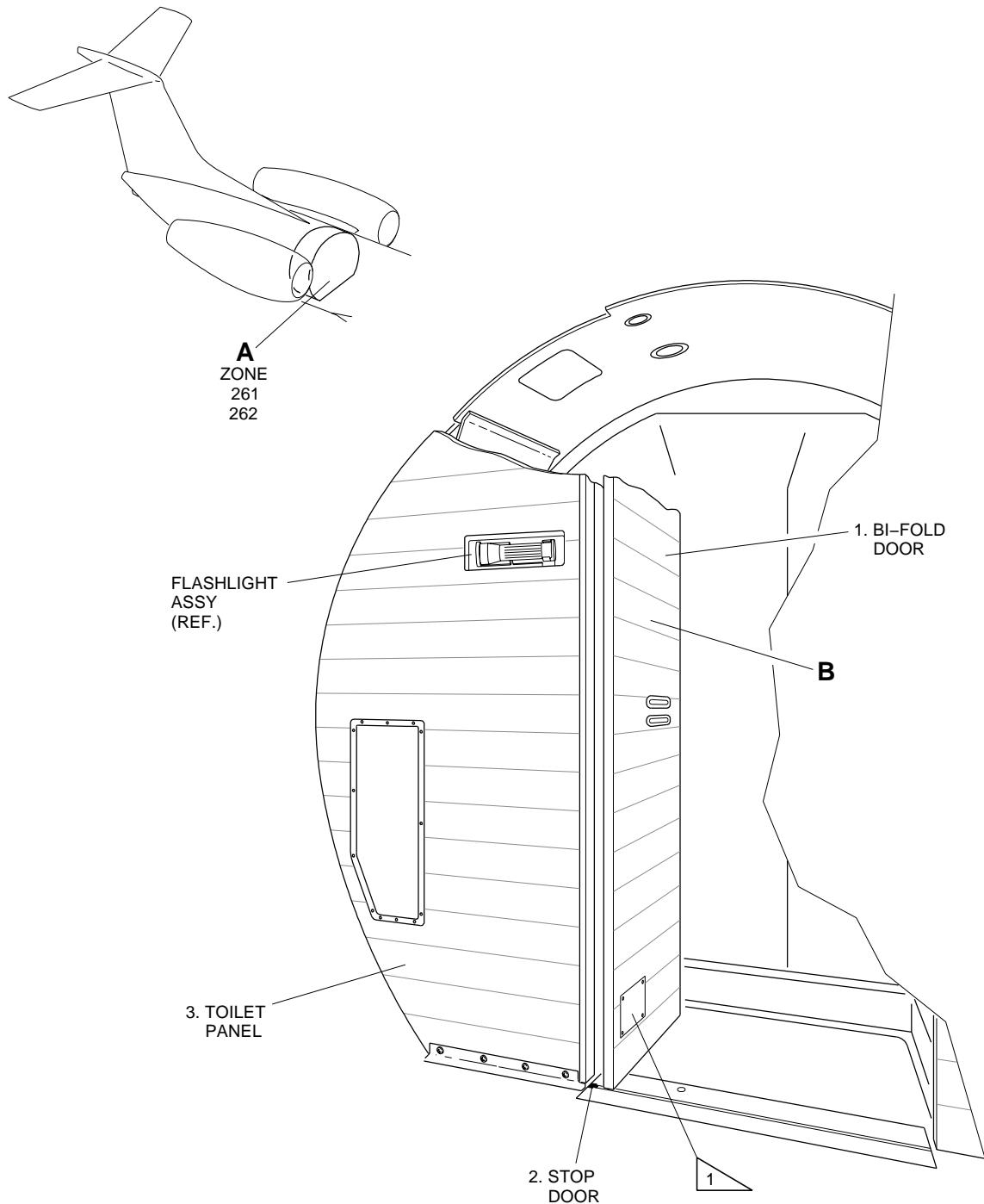


FOR AIRCRAFT WITH ACCESS PANELS 261AZ AND 261BZ.

EM145AMM250436A.DGN

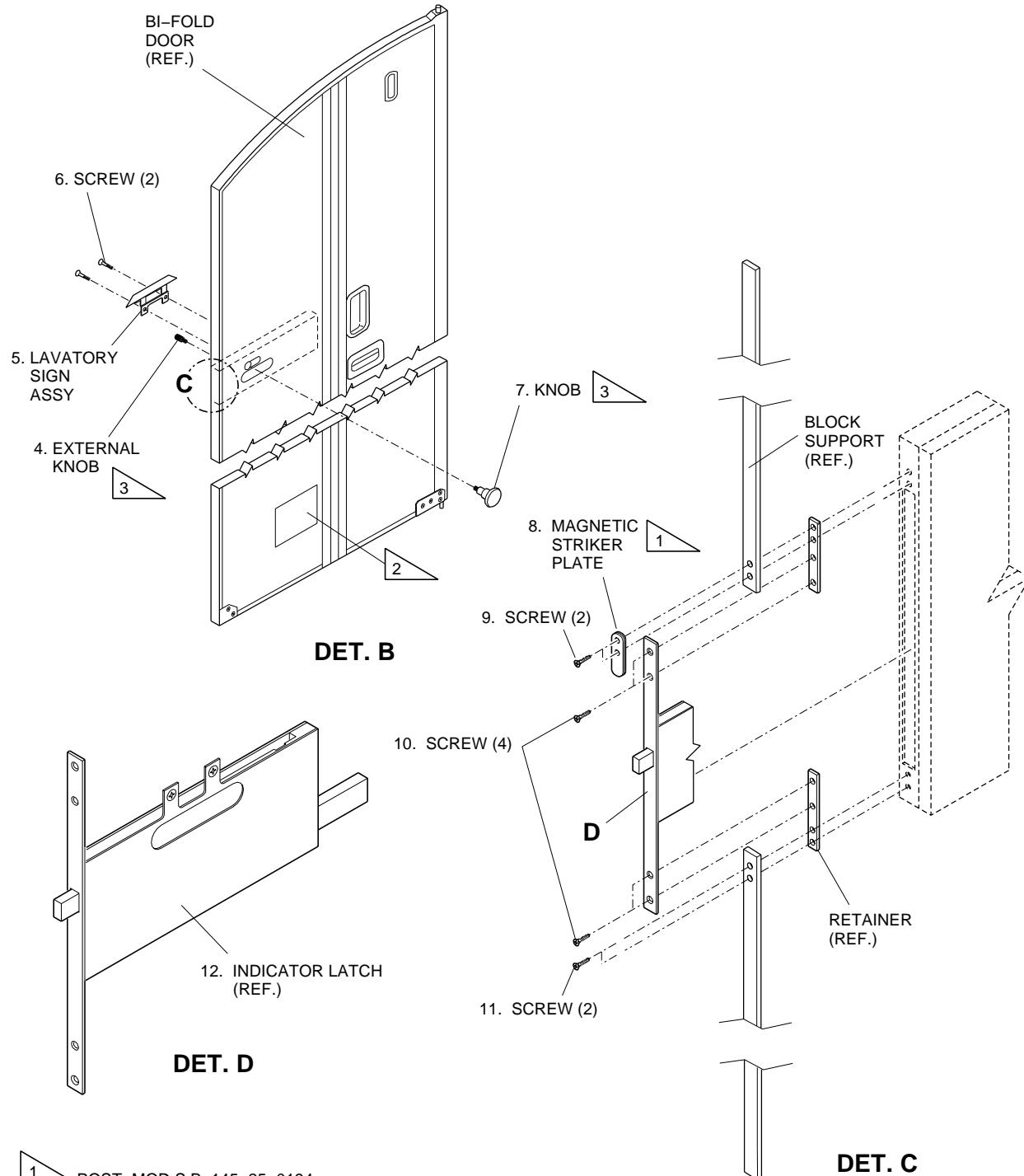
**EFFECTIVITY: FOR AIRCRAFT PRE-MOD. S.B. 145-25-0315**
**Lavatory Door Lock with Bi-Fold Door - Removal/Installation**
**Figure 402 - Sheet 2**

**EM145AMM250426E.DGN**

**EFFECTIVITY: FOR AIRCRAFT POST-MOD. S.B. 145-25-0315**  
**Lavatory Door Lock with Bi-Fold Door - Removal/Installation**  
**Figure 403 - Sheet 1**

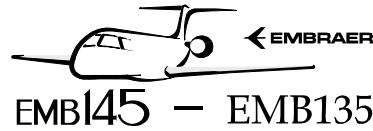


FOR AIRCRAFT WITH ACCESS PANELS 261AZ AND 261BZ.

EM145AMM252840A.DGN

**EFFECTIVITY: FOR AIRCRAFT POST-MOD. S.B. 145-25-0315**
**Lavatory Door Lock with Bi-Fold Door - Removal/Installation**
**Figure 403 - Sheet 2**


EM145AMM252837A.DGN



EMB145 - EMB135

AIRCRAFT  
MAINTENANCE MANUAL

TASK 25-40-02-400-801-A

EFFECTIVITY: ALL

3. LAVATORY DOOR LOCK - INSTALLATION

## A. General

- (1) This task gives the procedures to install the lavatory door lock.

## B. References

REFERENCE	DESIGNATION
AMM TASK 25-40-02-700-801-A/500	LAVATORY DOOR INDICATOR LATCH - TEST
AMM TASK 25-40-03-100-801-A/700	LAVATORY DOOR PARTS - CLEANING
AMM TASK 25-44-01-400-801-A/400	LAVATORY SLIDE DOOR - INSTALLATION
AMM TASK 25-44-01-400-802-A/400	LAVATORY BI-FOLD DOOR - INSTALLATION
S.B.145-25-0315	-

## C. Zones and Accesses

Not Applicable

## D. Tools and Equipment

Not Applicable

## E. Auxiliary Items

Not Applicable

## F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
ASTM D 5363	Loctite 242	AR

## G. Expandable Parts

Not Applicable

## H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Passenger cabin/lavatory

## I. Lavatory Door Lock with Slide Door - Installation (Figure 401)

## SUBTASK 420-002-A

- (1) Clean the rod. Refer to [AMM TASK 25-40-03-100-801-A/700](#).
- (2) Clean the escutcheon plate. Refer to [AMM TASK 25-40-03-100-801-A/700](#).
- (3) On aircraft with slide door, install the lavatory door lock, as follows:
  - (a) If you removed the door latch (9), install it again with the screws (10) and (11). Refer to DET. D, (Figure 401), sheet 2.

- (b) Do the Lavatory Door Lock - Adjustment/Test ([AMM TASK 25-40-02-700-801-A/500](#)).

- (c) Install the indicator latch (16) with the screws (14).

- (d) Install the knob (2) and the external knob (3).

NOTE: Apply Loctite 242 to the threads of the knobs. Refer to (Figure 401), sheet 1.

- (e) Put the indicator latch (16) in the locked position and install the rod (6).

- (f) Install the escutcheon plate (7) with the screws (8). Refer to DET. C,(Figure 401), sheet 2.

NOTE: If the indicator latch (16) becomes much harder to operate after the installation of the rod (6) and the escutcheon plate (7), remove the screws (8) and the escutcheon plate (7) and move the rod (6) a 1/4 turn. Install the escutcheon plate (7) back with the screws (8).

- (g) Install the lavatory sign assembly (4) with the screws (5).

- (h) Install the slide door (1) [AMM TASK 25-44-01-400-801-A/400](#).

#### J. Lavatory Door Lock with Bi-Fold Door - Installation (Figure 402) (Figure 403)

##### SUBTASK 420-003-A

- (1) On aircraft with bi-fold door PRE-MOD. [S.B.145-25-0315](#), install the lavatory door lock, as follows (Figure 402):

- (a) Clean the rod. Refer to [AMM TASK 25-40-03-100-801-A/700](#)

- (b) Clean the escutcheon plate. Refer to [AMM TASK 25-40-03-100-801-A/700](#).

- (c) Do the Lavatory Door Lock - Adjustment/Test. ([AMM TASK 25-40-02-700-801-A/500](#)).

- (d) Install the indicator latch (13) with the screws (14).

- (e) Install the knob (7) and the external knob (4).

NOTE: Apply Loctite 242 to the threads of the knobs. Refer to (Figure 402), sheet 2.

- (f) Put the indicator latch (13) in the locked position and install the rod (9).

- (g) Install the escutcheon plate (8) with the screws (10). Refer to DET. C,(Figure 402), sheet 2.

NOTE: If the indicator latch (13) becomes much harder to operate after the installation of the rod (9) and the escutcheon plate (8), remove the screws (10) and the escutcheon plate (8) and move the rod (9) a 1/4 turn. Install the escutcheon plate (8) back with the screws (10).

- (h) Install the lavatory sign assembly (5) with the screws (6).



AIRCRAFT  
MAINTENANCE MANUAL

- (i) Install the bi-fold door (1) [AMM TASK 25-44-01-400-802-A/400](#).
- (2) On aircraft with bi-fold door POST-MOD. [S.B.145-25-0315](#), install the lavatory door lock, as follows (Figure 403):
  - (a) Install the indicator latch (12) with the screws (10). Refer to DET. C,(Figure 403), sheet 2.
  - (b) Install the magnetic striker plate (8) with the screws (9). Refer to DET. C, (Figure 403), sheet 2.
  - (c) Install the knob (7) and the external knob (4).  
NOTE: Apply Loctite 242 to the threads of the knobs. Refer to DET. B, (Figure 403), sheet 2.
  - (d) Install the lavatory sign assembly (5) with the screws (6).
  - (e) Install the bi-fold door (1) [AMM TASK 25-44-01-400-802-A/400](#).

