

TOILET DRAIN CABLE - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-145

1. General

- A. This section gives the procedures to remove/install the toilet drain cable.
- B. The toilet drain cable goes through a conduit and is attached to the toilet unit and to the waste service panel with nuts.
- 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
38-32-06-000-801-A	TOILET DRAIN CABLE - REMOVAL	ACFT MODEL(S) EMB-145
38-32-06-400-801-A	TOILET DRAIN CABLE - INSTALLATION	ACFT MODEL(S) EMB-145

TASK 38-32-06-000-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

2. TOILET DRAIN CABLE - REMOVAL

A. General

- (1) This task gives the procedure for removal of the toilet drain cable.
- (2) To get access to the toilet drain cable, you must remove: the toilet shroud assembly, the last double seat, the optional flight attendant seat (if applicable), the passenger-cabin floor lining, and passenger-cabin floor panel 262BF. You must also open the waste-service panel door.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 06-41-02/100	-
AMM TASK 25-21-01-000-801-A/400	-
AMM TASK 25-21-02-000-801-A/400	FLIGHT ATTENDANT SEAT - REMOVAL
AMM TASK 25-24-01-000-801-A/400	PASSENGER-CABIN FLOOR LINING - REMOVAL
AMM TASK 25-40-04-000-801-A/400	TOILET SHROUD ASSEMBLY - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
262	262BF	Passenger cabin floor
172	272AR	Rear right side of the fuselage bottom

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	Under the passenger cabin floor
1	Helps with the task	Outside the aircraft

I. Preparation

SUBTASK 841-012-A

- (1) Remove the toilet shroud assembly ([AMM TASK 25-40-04-000-801-A/400](#)).
- (2) Remove the last double seat (AMM TASK 25-21-01-000-801-A/400).
- (3) If applicable, remove the optional flight attendant seat ([AMM TASK 25-21-02-000-801-A/400](#)).
- (4) Remove the passenger-cabin floor lining ([AMM TASK 25-24-01-000-801-A/400](#)).
- (5) Remove passenger-cabin floor panel 262BF (AMM MPP 06-41-02/100).
- (6) Open waste-service panel door 272AR (AMM MPP 06-41-01/100).

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

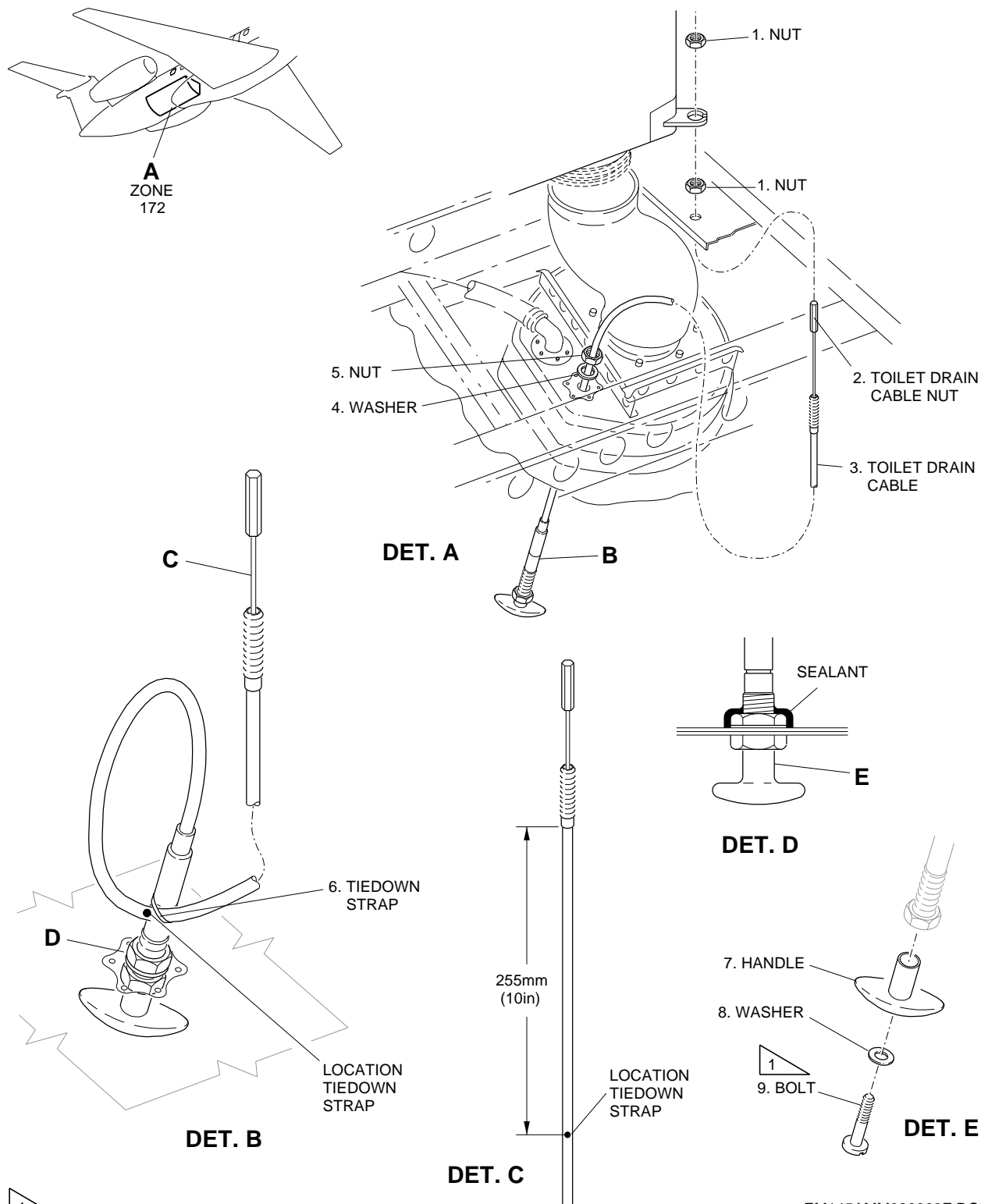
SUBTASK 020-012-A

- (1) Remove the nuts (1) that attach the upper part of the toilet drain cable (3) to the support (Ref.).
- (2) Loosen the toilet-drain cable nut (2).
- (3) Get access through the passenger cabin floor and remove the sealant from the nut (5) and washer (4).
- (4) Remove the nut (5) and washer (4) that attach the lower part of the toilet drain cable (3) to the waste service panel.
- (5) Remove and discard the tiedown strap (6) (Applicable only to aircraft S/N 145030 and on).
- (6) Through the waste service panel, remove the toilet drain cable (3) together with its conduit.

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Toilet Drain Cable - Removal/Installation

Figure 401



1 APPLY LOCTITE 221

EM145AMM380003F.DGN

TASK 38-32-06-400-801-A

EFFECTIVITY: ACFT MODEL(S) EMB-145

3. TOILET DRAIN CABLE - INSTALLATION

A. General

(1) This task gives the procedure for installation of the toilet drain cable.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 06-41-02/100	-
AMM TASK 25-21-01-400-801-A/400	-
AMM TASK 25-21-02-400-801-A/400	FLIGHT ATTENDANT SEAT - INSTALLATION
AMM TASK 25-24-01-400-801-A/400	PASSENGER-CABIN FLOOR LINING - INSTALLATION
AMM TASK 25-40-04-400-801-A/400	TOILET SHROUD ASSEMBLY - INSTALLATION
IPC 38-32-06	TOILET DRAIN CABLE
SRM 51-20-01	-

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
262	262BF	Passenger cabin floor
172	272AR	Rear right side of the fuselage bottom

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-S-8802, TYPE II, CLASS B2	Sealant, PR 1440 B2	AR
LOCTITE 221 (MEP 09-005)	Anaerobic Adhesive - Type I Loctite 221	AR

G. Expendable Parts

ITEM	IPC REFERENCE (VENDOR REFERENCE)	QTY
Tiedown strap	IPC 38-32-06	1

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	Under the passenger cabin floor
1	Helps with the task	Outside the aircraft

I. Installation (Figure 401)

SUBTASK 420-012-A

- (1) Through the waste service panel, put the toilet drain cable (3) in position together with its conduit.
- (2) Get access through the passenger cabin floor and install the nut (5) and washer (4) that attach the lower part of the toilet drain cable (3) to the waste service panel.
- (3) Apply sealant to the nut (5) and washer (4) (SRM 51-20-01).
- (4) Connect the toilet-drain cable nut (2).
- (5) Install the nuts (1) that attach the upper part of the toilet drain cable (3) to the support (Ref.).
- (6) **NOTE:** Make sure that you install the new tiedown strap (6) in the correct position. Refer to DET. B and DET. D.
- (7) Install a new tiedown strap (6).
- (8) Make sure that the bolt (9) that attaches the handle (7) is tight.
- (9) If you think that the bolt (9) will possibly come loose on the handle (7), do the steps that follow:
 1. Remove the bolt (9) and washer (8) from the handle (7) and apply a thin layer of the Loctite 221 adhesive to their threads.
 2. Install the washer (8) and the bolt (9).

J. Follow-on

SUBTASK 842-012-A

- (1) Close waste-service panel door 272AR (AMM MPP 06-41-01/100).
- (2) Install passenger-cabin floor panel 262BF (AMM MPP 06-41-02/100).
- (3) Install the passenger-cabin floor lining ([AMM TASK 25-24-01-400-801-A/400](#)).
- (4) If applicable, install the optional flight attendant seat ([AMM TASK 25-21-02-400-801-A/400](#)).
- (5) Install the last double seat (AMM TASK 25-21-01-400-801-A/400).
- (6) Install the toilet shroud assembly ([AMM TASK 25-40-04-400-801-A/400](#)).