



EMB145 – EMB135

AIRCRAFT
MAINTENANCE MANUAL

TOILET DRAIN CABLE - REMOVAL/INSTALLATION

EFFECTIVITY: ACFT MODEL(S) EMB-135

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
38-32-06-000-802-A	TOILET DRAIN CABLE - REMOVAL	ACFT MODEL(S) EMB-135
38-32-06-400-802-A	TOILET DRAIN CABLE - INSTALLATION	ACFT MODEL(S) EMB-135



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TASK 38-32-06-000-802-A

EFFECTIVITY: ACFT MODEL(S) EMB-135

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 baggage-compartment floor lining, and baggage-compartment floor panel 272AF. You also must open the waste-service panel door.

B. References

REFERENCE	DESIGNATION
AMM MPP 06-41-01/100	-
AMM MPP 06-41-02/100	-
AMM TASK 25-40-04-000-801-A/400	TOILET SHROUD ASSEMBLY - REMOVAL
AMM TASK 25-51-04-000-801-A/400	BAGGAGE-COMPARTMENT FLOOR LINING - REMOVAL

C. Zones and Accesses

ZONE	PANEL/DOOR	LOCATION
272	272AF	Baggage compartment floor
193	193MR	Rear wing-to-fuselage fairing

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 baggage compartment floor
1	Helps with the task	In the lavatory and outside the aircraft

I. Preparation

SUBTASK 841-013-A

- (1) Remove the toilet shroud assembly ([AMM TASK 25-40-04-000-801-A/400](#)).



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- (2) Remove the baggage-compartment floor lining ([AMM TASK 25-51-04-000-801-A/400](#)).
- (3) Remove baggage-compartment floor panel 272AF (AMM MPP 06-41-02/100).
- (4) Open waste-service panel door 193MR (AMM MPP 06-41-01/100).

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

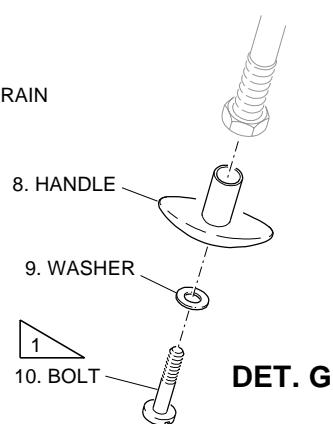
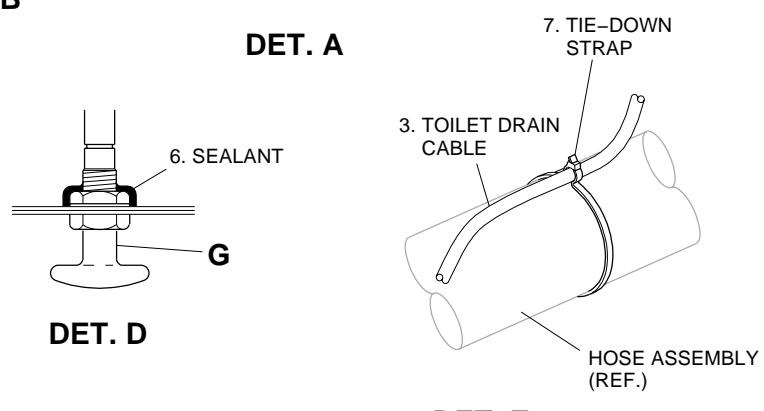
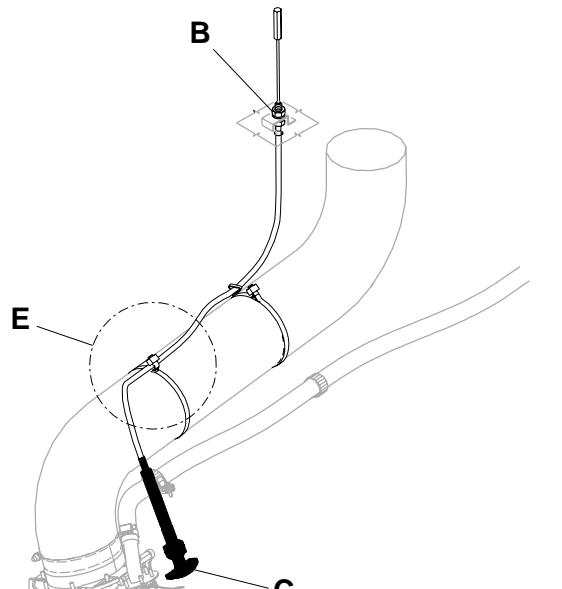
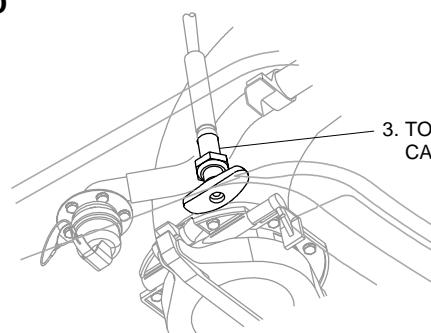
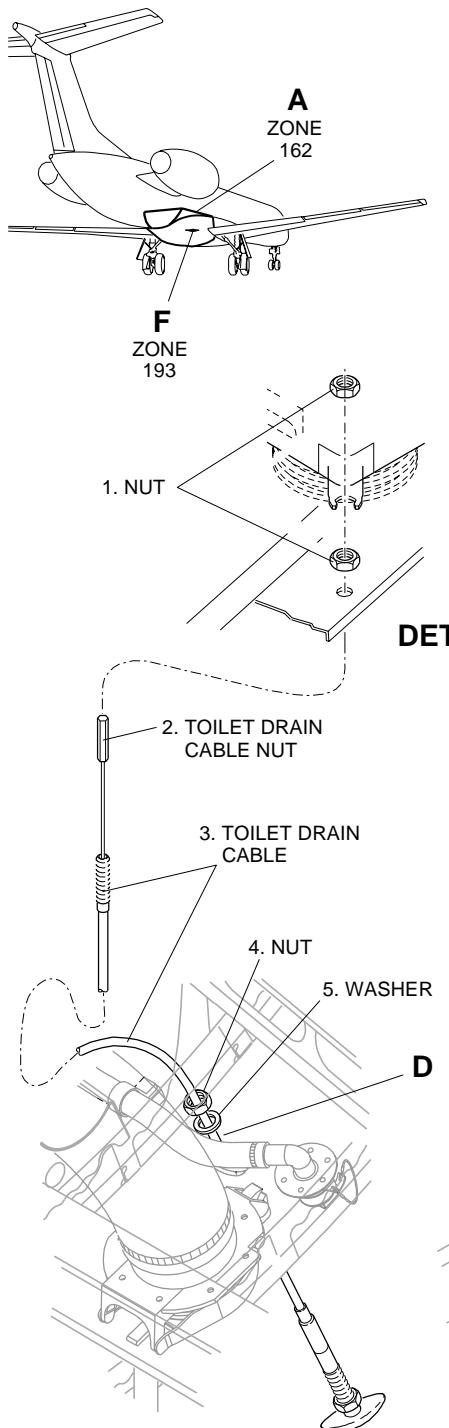
SUBTASK 020-013-A

- (1) Remove the nuts (1) that attach the upper part of the toilet drain cable (3) to the support. Refer to DET. B.
- (2) Loosen the toilet-drain cable nut (2). Refer to DET. C.
- (3) Get access through the baggage compartment floor and remove the sealant (6) from the nut (4) and washer (5). Refer to DET. C and DET. D.
- (4) Remove the nut (4) and washer (5) that attach the lower part of the toilet drain cable (3) to the waste service panel. Refer to DET. C.
- (5) Remove and discard the tie-down strap (7) to release the toilet drain cable (3) from the hose assembly (Ref.). Refer to DET. E.
- (6) Through the waste service panel, remove the toilet drain cable (3) together with its conduit. Refer to DET. F.

EFFECTIVITY: ACFT MODEL(S) EMB-135

Toilet Drain Cable - Removal/Installation

Figure 401



1 APPLY LOCTITE 221

EM145AMM380020E.DGN

TASK 38-32-06-400-802-A
EFFECTIVITY: ACFT MODEL(S) EMB-135
3. TOILET DRAIN CABLE - INSTALLATION
A. General

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

B. References

<i>REFERENCE</i>	<i>DESIGNATION</i>
AMM MPP 06-41-01/100	-
AMM MPP 06-41-02/100	-
AMM TASK 25-40-04-400-801-A/400	TOILET SHROUD ASSEMBLY - INSTALLATION
AMM TASK 25-51-04-400-801-A/400	BAGGAGE-COMPARTMENT FLOOR LINING - INSTALLATION
SRM 51-20-01	-

C. Zones and Accesses

<i>ZONE</i>	<i>PANEL/DOOR</i>	<i>LOCATION</i>
272	272AF	Baggage compartment floor
193	193MR	Rear wing-to-fuselage fairing

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

<i>SPECIFICATION (BRAND)</i>	<i>DESCRIPTION</i>	<i>QTY</i>
MIL-S-8802, TYPE II, CLASS B2	Sealant, PR 1440 B2	AR
MS3367-1-9	Tiedown strap	2
LOCTITE 221 (MEP 09-005)	Anaerobic Adhesive - Type I Loctite 221	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

<i>QTY</i>	<i>FUNCTION</i>	<i>PLACE</i>
1	Does the task	Under the baggage compartment floor
1	Helps with the task	In the lavatory and outside the aircraft



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I. Installation (Figure 401)

SUBTASK 420-013-A

- (1) Through the waste service panel, put the toilet drain cable (3) in position together with its conduit. Refer to DET. F.
- (2) Get access through the baggage compartment floor and install the nut (4) and the washer (5) that attach the lower part of the toilet drain cable (3) to the waste service panel. Refer to DET. C.
- (3) Apply sealant (6) to the nut (4) and washer (5) (SRM 51-20-01). Refer to DET. D.
- (4) Connect the toilet drain cable nut (2). Refer to DET. B.
- (5) Install the nuts (1) that attach the upper part of the toilet drain cable (3) to the support. Refer to DET. B.
- (6) Install the toilet drain cable (3) to the hose assembly (Ref.) and attach it with a new tie-down strap (7). Refer to DET. E.
- (7) Make sure that the bolt (10) that attaches the handle (8) is tight.
- (8) If you think that the bolt (10) will possibly come loose on the handle (8), do the steps that follow:
 1. Remove the bolt (10) and washer (9) from the handle (8) and apply a thin layer of the Loctite 221 adhesive to their threads.
 2. Install the washer (9) and the bolt (10).

J. Follow-on

SUBTASK 842-013-A

- (1) Close waste-service panel door 193MR (AMM MPP 06-41-01/100).
- (2) Install baggage-compartment floor panel 272AF (AMM MPP 06-41-02/100).
- (3) Install the baggage-compartment floor lining ([AMM TASK 25-51-04-400-801-A/400](#)).
- (4) Install the toilet shroud assembly ([AMM TASK 25-40-04-400-801-A/400](#)).