



AIRCRAFT MAINTENANCE MANUAL

SPOILER HINGING BRACKET - REMOVAL/INSTALLATION

EFFECTIVITY: ALL

1. General

- A. This section gives the procedure to remove and install the ground-spoiler hinging brackets.
- 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
57-51-02-000-801-A	GROUND-SPOILER HINGING BRACKETS ALL - REMOVAL	
57-51-02-400-801-A	GROUND-SPOILER HINGING BRACKETS ALL - INSTALLATION	



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TASK 57-51-02-000-801-A

EFFECTIVITY: ALL

2. GROUND-SPOILER HINGING BRACKETS - REMOVAL

A. General

- (1) This procedure gives the instructions to remove the ground-spoiler hinging brackets.

B. References

REFERENCE	DESIGNATION
AMM TASK 27-62-05-000-801-A/400	GROUND SPOILER PANEL - REMOVAL

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	On the ground-spoiler hinging bracket

I. Preparation

SUBTASK 841-002-A

- (1) Make sure that the aircraft is safe for maintenance.
(2) Remove the ground spoiler panel. Refer to AMM TASK 27-62-05-000-801-A/400.

J. Removal (Figure 401)

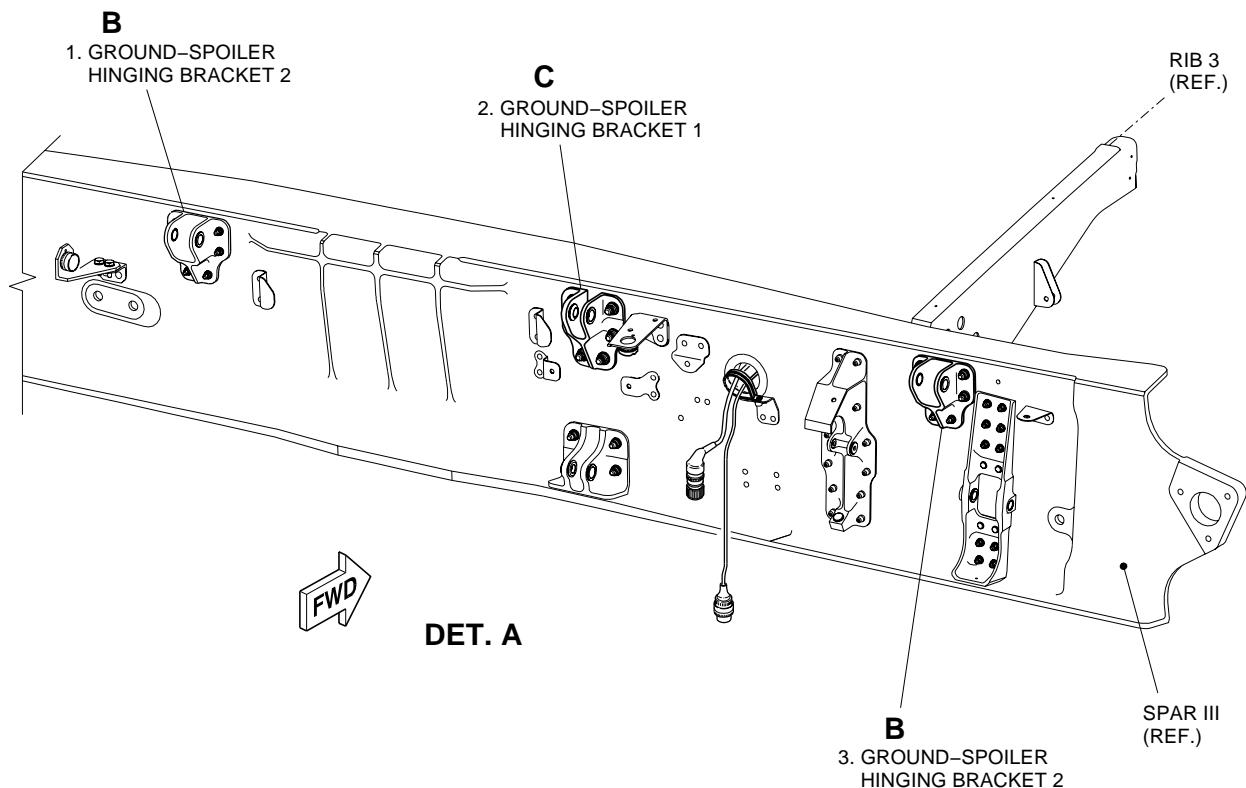
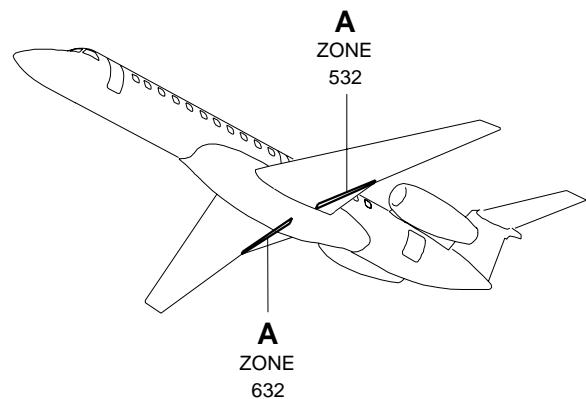
SUBTASK 020-002-A

- (1) Remove the bolts (7), nuts (6), washers (4) and (5), and brackets (1), (2), and (3).

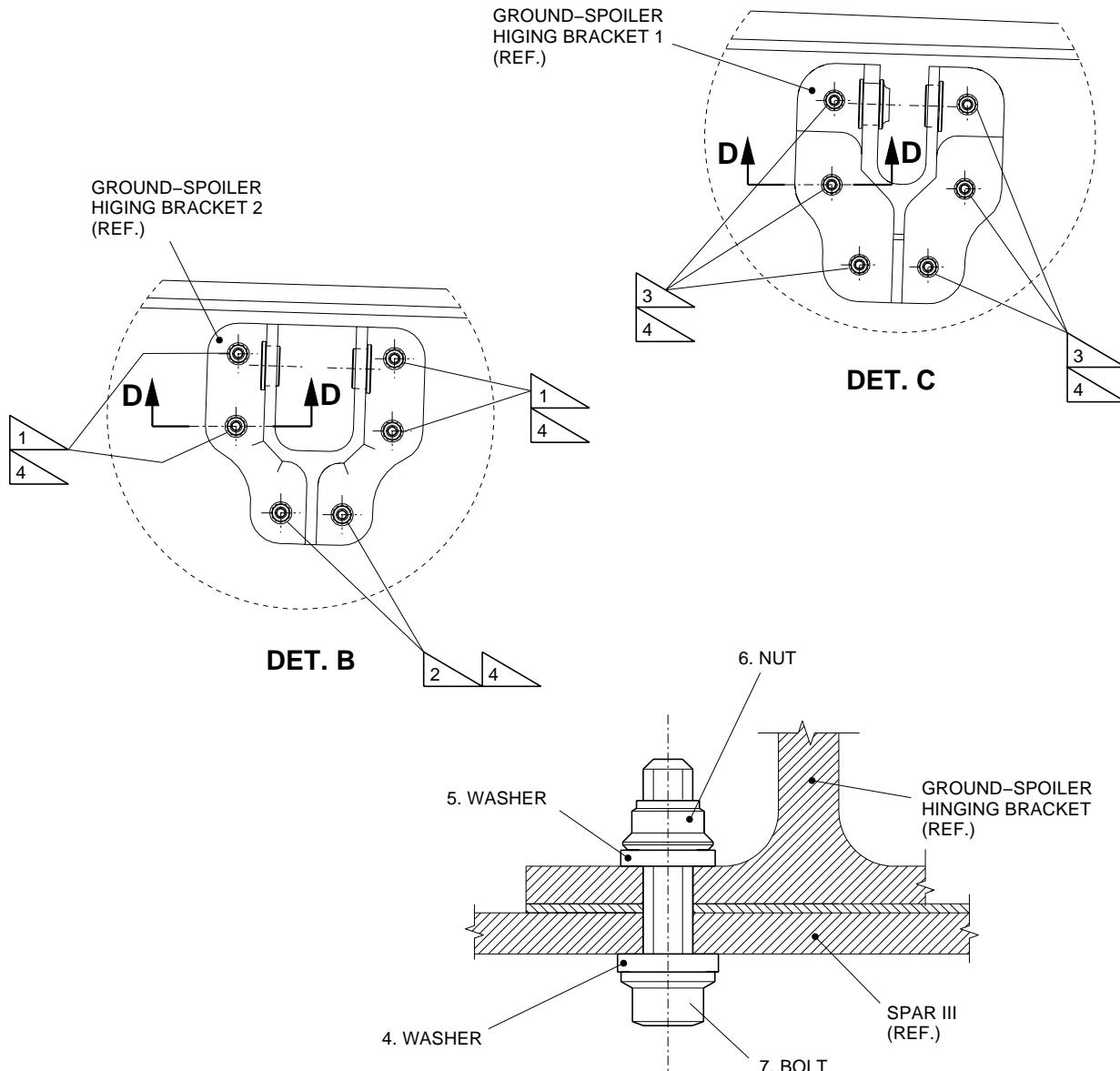
EFFECTIVITY: ALL

Ground-Spoiler Hinging Brackets - Removal/Installation

Figure 401 - Sheet 1



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EFFECTIVITY: ALL
Ground-Spoiler Hinging Brackets - Removal/Installation
Figure 401 - Sheet 2

**D-D
(TYPICAL)**

-  ON AIRCRAFT POST-MOD. S.B. 145-57-0044. APPLY TORQUE: 9.0 – 11.3 N.m (80 – 100 lb.in) PLUS LOCKING TORQUE
-  ON AIRCRAFT POST-MOD. S.B. 145-57-0044. APPLY TORQUE: 2.8 – 3.4 N.m (25 – 30 lb.in) PLUS LOCKING TORQUE
-  ON AIRCRAFT POST-MOD. S.B. 145-57-0044. APPLY TORQUE: 13.6 – 16.4 N.m (120 – 145 lb.in) PLUS LOCKING TORQUE
-  ON AIRCRAFT PRE-MOD. S.B. 145-57-0044. APPLY TORQUE AS GIVEN IN AMM PART II TASK 20-10-01/201

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TASK 57-51-02-400-801-A

EFFECTIVITY: ALL

3. GROUND-SPOILER HINGING BRACKETS - INSTALLATION

A. General

(1) This procedure gives the instructions to install the ground-spoiler hinging brackets.

B. References

REFERENCE	DESIGNATION
AMM MPP 20-10-01/200	- MAINTENANCE PRACTICES
AMM TASK 27-62-05-400-801-A/400	GROUND SPOILER PANEL - INSTALLATION
S.B.145-57-0044	-
SRM 51-20-01/1	-

C. Zones and Accesses

Not Applicable

D. Tools and Equipment

Not Applicable

E. Auxiliary Items

Not Applicable

F. Consumable Materials

SPECIFICATION (BRAND)	DESCRIPTION	QTY
MIL-PRF-81733	Sealant, P/S 870 C-12	AR
MEP09-075	Corrosion-Inhibiting Compound (COR-BAN 27L)	AR
ASTM-D-740	Methyl Ethyl Ketone (MEK)	AR

G. Expandable Parts

Not Applicable

H. Persons Recommended

QTY	FUNCTION	PLACE
1	Does the task	On the ground-spoiler hinging bracket



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I. Installation (Figure 401)

SUBTASK 420-002-A

WARNING: BE CAREFUL WHEN YOU USE METHYL ETHYL KETONE (MEK) BECAUSE IT IS A HEALTH HAZARD (SKIN, EYES, OR MOUTH). DO NOT BREATHE ITS FUMES. KEEP IT AWAY FROM SPARKS, FLAMES, OR SOURCES OF HEAT. PUT ON APPROVED PROTECTIVE CLOTHING, GOGGLES, AND GLOVES. ALWAYS OBEY THE MANUFACTURER'S HEALTH AND SAFETY PRECAUTIONS WHEN YOU USE MEK. IT IS POISONOUS AND FLAMMABLE.

- (1) Clean the interface areas of the ground-spoiler hinging bracket and spar III with Methyl Ethyl Ketone (MEK).
- (2) Apply interface sealant P/S 870 C-12 (SRM 51-20-01/1) to the bracket and spar-III faying area.

WARNING: COR-BAN 27L CORROSION-INHIBITING COMPOUND IS TOXIC TO SKIN, EYES, AND RESPIRATORY TRACT. USE GOGGLES AND PROTECTIVE GLOVES. USE ONLY IN WELL VENTILATED AREAS. OBEY THE MANUFACTURER'S HEALTH AND SAFETY INSTRUCTIONS.

- (3) Apply COR-BAN 27L to the bolts (7).
- (4) Install the ground-spoiler hinging brackets (1), (2) and (3), bolts (7), washers (4) and (5), and nuts (6).
- (5) On aircraft PRE-MOD. [S.B.145-57-0044](#), apply torque to nuts (6) as given in [AMM MPP 20-10-01/200](#).
- (6) On aircraft POST-MOD. [S.B.145-57-0044](#), apply torque as given in (Figure 401).

J. Follow-on

SUBTASK 842-002-A

- (1) Install the ground spoiler panel. Refer to [AMM TASK 27-62-05-400-801-A/400](#).