

Service Bulletin

Doors - Emergency Exit - Inspection for a Rigging Pin on the Overwing Emergency Exit Door (OWEED) Slide Mechanism

BD500-522004
Issue No. 001

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The listed documents are included in Issue 001, dated 2024-02-08, of this publication.

Document title	Data module code	Issue date	Applicable to
Doors - Emergency Exit - Inspection for a Rigging Pin on the Overwing Emergency Exit Door (OWEED) Slide Mechanism - Service Bulletin	BD500-A-J52-20-04-00AAA-930A-A	2024-02-08	50010-50018, 55003-55016, 55018-55068, 55071-55074, 55076-55079, 55081-55083, 55086-55095, 55097-55098, 55100, 55102-55103, 55105
Inspection for a Rigging Pin on the Overwing Emergency Exit Door (OWEED) Slide Mechanism - Accomplishment instruction	BD500-A-J52-20-04-01AAA-933A-A	2024-02-08	50010-50018, 55003-55016, 55018-55068, 55071-55074, 55076-55079, 55081-55083, 55086-55095, 55097-55098, 55100, 55102-55103, 55105

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Doors - Emergency Exit - Inspection for a Rigging Pin on the Overwing Emergency Exit Door (OWEED) Slide Mechanism - Service Bulletin

Applicability: 50010-50018, 55003-55016, 55018-55068, 55071-55074, 55076-55079, 55081-55083, 55086-55095, 55097-55098, 55100, 55102-55103, 55105

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Table 1 References

Data Module/Technical Publication	Title
BD500-A-J52-20-04-01AAA-933A-A	Inspection for a Rigging Pin on the Overwing Emergency Exit Door (OWEED) Slide Mechanism - Accomplishment instruction

Service Bulletin

Common information

THIS SERVICE BULLETIN IS SENT TO EACH OPERATOR. IF THE OPERATOR HAS LEASED AIRCRAFT, SEND THE SERVICE BULLETIN TO THE LESSEE. IF THE OPERATOR HAS SOLD AIRCRAFT OR TRANSFERRED SPARES IN THE LAST SIX MONTHS, SEND THIS SERVICE BULLETIN TO THE NEW OWNER, UNLESS CONFIRMATION WAS RECEIVED THAT AIRBUS HAS INCLUDED THE NEW OPERATOR ON THE DISTRIBUTION LIST.

Management information

Compliance category: Mandatory (Service bulletin must be accomplished)

Task category: Inspection

Original issue date: 2024-02-08

Impact list

None

Accomplishment limits

Time compliance: Basic limit

Remarks:

Refer to the Compliance section of the Planning Information section.

Replacement service bulletin

None

Revision information

Initial Issue

Summary

Applicability

BD-500-1A10, Aircraft 50010 thru 50018

BD-500-1A11, Aircraft 55003 thru 55016, 55018 thru 55068, 55071 thru 55074, 55076 thru 55079, 55081 thru 55083, 55086 thru 55095, 55097, 55098, 55100, 55102, 55103, and 55105

Reason

It is possible that rigging pins are installed in the bulkhead internal-crank assembly of the left and right slide mechanisms of the Overwing Emergency Exit Door (OWEED). This will prevent the deployment of the off wing evacuation slides.

Description

The aircraft is put in standard configuration for maintenance. Some floor panels are removed. The bulkhead internal-crank assemblies of the left and right slide mechanisms of the OWEED are inspected to make sure that the rigging pins are not installed. If installed, the rigging pins are removed. Some floor panels are installed.

Concurrent requirements

None

Manpower

It will take an estimated 7.25 h to complete this service bulletin.

Material information

There are no kits or parts necessary for this service bulletin.

Planning information

Applicability

Aircraft affected:

AIRCRAFT MODEL	SERVICE AIRCRAFT SERIAL NUMBER	PRODUCTION AIRCRAFT SERIAL NUMBERS
BD-500-1A10	50010 thru 50018	There is no production effectiveness.

BD-500-1A11	55003 thru 55016, 55018 thru 55068, 55071 thru 55074, 55076 thru 55079, 55081 thru 55083, 55086 thru 55095, 55097, 55098, 55100, 55102, 55103, and 55105	There is no production effectivity.
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Note

The instructions in this service bulletin are only applicable to the systems and parts installed at the time of delivery of the aircraft or as changed by Airbus Service Bulletins. Before you do this service bulletin, examine all Supplemental Type Certificates (STCs), Supplemental Type Approvals (STAs), or equivalent action changes to make sure that you can complete this service bulletin.

Reason

Problem and effect

It is possible that rigging pins are installed in the bulkhead internal-crank assembly of the left and right slide mechanisms of the OWEED. This will prevent the deployment of the off wing evacuation slides.

Objective/Solution

This service bulletin gives the procedure to inspect the bulkhead internal-crank assembly of the left and right slide mechanisms of the OWEED to make sure that the rigging pins are not installed. This will make sure that the off wing evacuation slides can deploy when necessary.

Description

The aircraft is put in standard configuration for maintenance. Some floor panels are removed. The bulkhead internal-crank assemblies of the left and right slide mechanisms of the OWEED are inspected to make sure that the rigging pins are not installed. If installed, the rigging pins are removed. Some floor panels are installed.

Compliance

Mandatory Service Bulletin

Airbus recommends that this service bulletin be done at no later than 12 months from the release date of this service bulletin, unless otherwise directed by the airworthiness authority of the operator.

Note

If it is not possible to complete all the instructions in this service bulletin because of the configuration of the aircraft, speak with a CRC representative at 1 866 A220 CRC (1-866-222-0272) or 1-450-476-7676 or e-mail at A220_crc@abc.airbus for analysis and to get an approved disposition to complete this service bulletin.

Note

This service bulletin does not affect Airworthiness Limitations Items (ALIs) or Damage Tolerance Inspections (DTIs).

Concurrent requirements

None

Approval

The technical content of this service bulletin has been approved under the authority of the TC-CA Design Approval Organization No: DAO #19-Q-02.

Manpower

The man-hours given below are estimates for direct labor done by an experienced crew on an aircraft prepared for maintenance.

These estimates do not include the time necessary for:

- Administrative functions such as planning, liaising, familiarization, and report writing.
- Non-productive elapsed time such as rest time, having meals, and crew shift changes.
- Elapsed time such as for paint to dry, sealant to cure, and fuel tank venting.
- Preparation for modification (unless specified in the Accomplishment Instructions) such as cleaning and getting parts, tools, consumables, and ground equipment.
- Quality assurance inspections, troubleshooting and/or correction of discrepancies found when a task is done.
- All other activities that are not considered by Airbus as directly related to the accomplishment of this procedure.

It will take an estimated 7.25 h to complete this service bulletin. The man-hours are divided as shown in the table that follows:

TASK	MAN-HOURS
Job Set-Up	3.50 h
Procedure	0.25 h
Test	0 h
Job Close-Up	3.50 h

Weight and balance

Not changed

Electrical load data

Not changed

Referenced documentation

Refer to the SB Introduction document BD500-000000 for definition or explanation of service bulletin content.

For Airbus reference only: Restriction and/or Special Instruction (RSI) C-500-000-52-0017, Revision C

For Airbus reference only: PCR 64294

Documentation affected

1 Maintenance Publications

None

2 Operational Publications

None

Industry support information

This service bulletin is part of an AIRBUS monitored retrofit campaign. For detailed information, please refer to Retrofit Information Letter (RIL) S52M23002119. To organize this retrofit, please contact AIRBUS retrofit management department at: a220monitored.retrofit@airbus.com.

Material information

None

Accomplishment instructions

BD500-A-J52-20-04-01AAA-933A-A

Additional information

None

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Inspection for a Rigging Pin on the Overwing Emergency Exit Door (OWEED) Slide Mechanism - Accomplishment instruction

Applicability: 50010-50018, 55003-55016, 55018-55068, 55071-55074, 55076-55079, 55081-55083, 55086-55095, 55097-55098, 55100, 55102-55103, 55105

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References

Table 1 References

Data Module/Technical Publication	Title
BD500-A-J12-00-00-01AAA-398A-A	Standard configuration for maintenance - Aircraft system configuration
BD500-A-J53-00-47-03AAA-520A-A	Floor panels, mid fuselage - Remove procedure
BD500-A-J53-00-47-03ABB-520A-A	Floor panels, mid fuselage - Remove procedure
BD500-A-J53-00-47-03AAA-720A-A	Floor panels, mid fuselage - Install procedure
BD500-A-J53-00-47-03ABB-720A-A	Floor panels, mid fuselage - Install procedure

Preliminary requirements

Required conditions

Table 2 Required conditions

Action/Condition	Data Module/Technical publication
None	

Support equipment

Table 3 Support equipment

Name	Identification/Reference	Quantity	Remark
None			

Consumables, materials, and expendables

Table 4 Consumables, materials, and expendables

Name	Identification/Reference	Quantity	Remark
None			

Spares

Table 5 Spares

Name	Identification/Reference	Quantity	Remark
None			

Safety conditions

None

Procedure

- 1 General information

Note

This service bulletin is classified as Mandatory or expected to be Mandatory by an Airworthiness Directive (AD). The Procedure section of the Accomplishment

Instructions is Required for Compliance (RC) and must be done to comply with the AD. The Job set-up and Job close-up sections, with the exception of the return-to-service tests, are recommended and can be deviated from, done as part of other actions, or done with accepted methods different from those given in the service bulletin, as long as the RC section can be done and the aircraft can be put back into a serviceable condition.

2 Job set-up

Note

The steps in the Job set-up section of this service bulletin are recommended steps. The steps give a recommendation to get access to the work area. This recommendation is to give a safe work area and to minimize possible damage to surrounding aircraft parts. Alternative steps can be used at the discretion of the operator.

- 2.1 Make sure that the aircraft is in standard configuration for maintenance (refer to AMP BD500-A-J12-00-00-01AAA-398A-A).
- 2.2 Remove the floor panels that follow:

Applicability: 50010-50018

PANEL	NAME	REFERENCE
231KLF	Escape slide cable, Over-wing Emergency Exit Door (OWEED), panel	AMP BD500-A-J53-00-47-03AAA-520A-A
232KRF	Escape slide cable, OWEED, panel	AMP BD500-A-J53-00-47-03AAA-520A-A

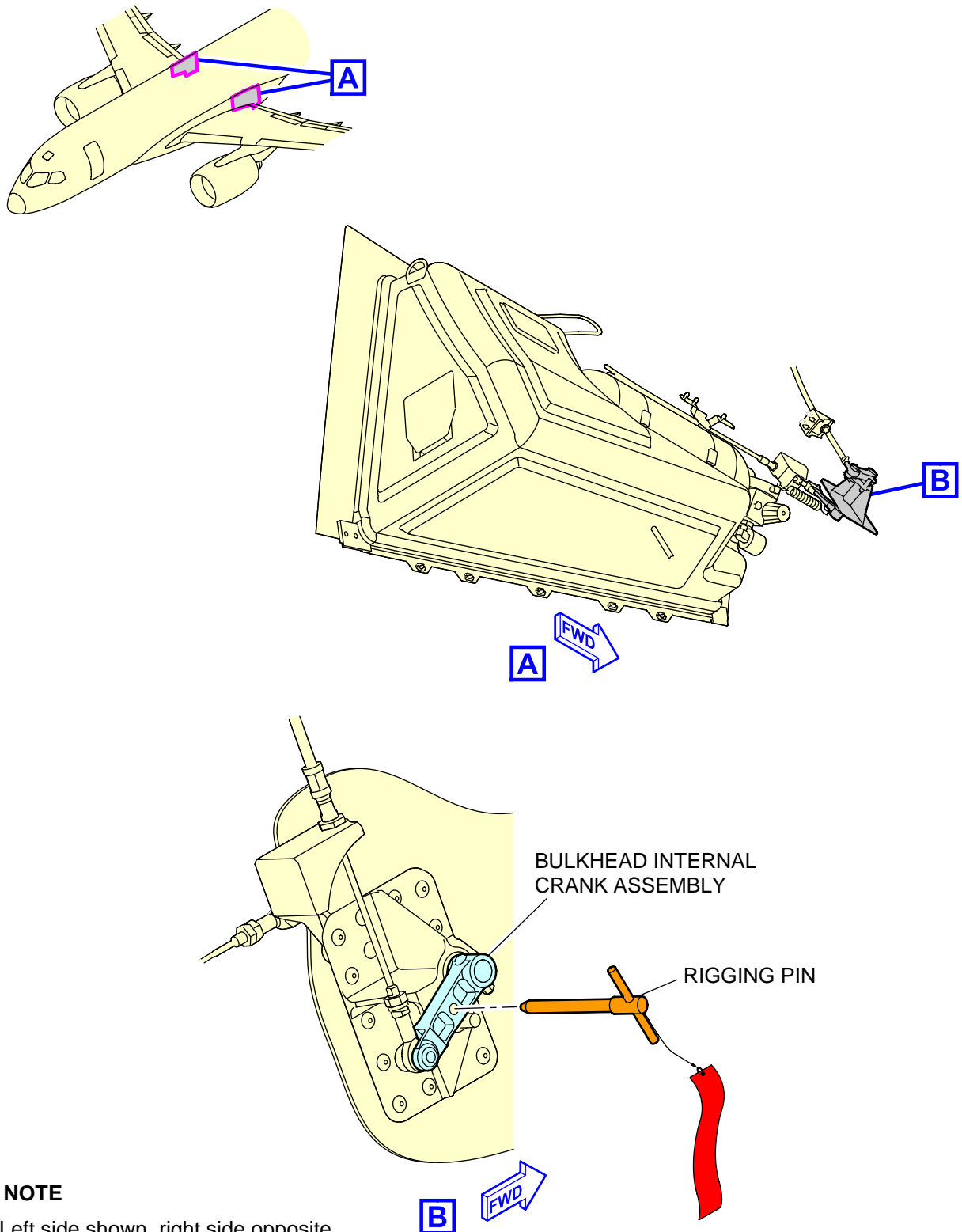
Applicability: 55003-55016, 55018-55068, 55071-55074, 55076-55079, 55081-55083, 55086-55095, 55097-55098, 55100, 55102-55103, 55105

PANEL	NAME	REFERENCE
231KLF	Escape slide cable, OWEED, panel	AMP BD500-A-J53-00-47-03ABB-520A-A
232KRF	Escape slide cable, OWEED, panel	AMP BD500-A-J53-00-47-03ABB-520A-A

3 Procedure

- 3.1 If it is not possible to complete all the instructions in this service bulletin because of the configuration of the aircraft, speak with a CRC representative at 1 866 A220 CRC (1-866-222-0272) or 1-450-476-7676 or e-mail at A220_crc@abc.airbus for analysis and to get an approved disposition to complete this service bulletin.
- 3.2 Examine the left OWEED slide mechanism as follows:
Refer to Fig. 1.

-
- 3.2.1 Make sure that the rigging pin is not installed on the bulkhead internal-crank assembly of the OWEED slide mechanism.
 - 3.2.2 If there is a rigging pin installed, remove it.
 - 3.3 Examine the right OWEED slide mechanism as follows:
 - Refer to Fig. 1.
 - 3.3.1 Make sure that the rigging pin is not installed on the bulkhead internal-crank assembly of the OWEED slide mechanism.
 - 3.3.2 If there is a rigging pin installed, remove it.



NOTE
Left side shown, right side opposite.

ICN-BD500-A-J522004-F-3AB48-95963-A-001-01
Figure 1 Overwing Emergency Exit Door (OWEED) Slide Mechanism Rigging Pin

4 Job close-up

Note

The steps in the Job close-up section of this service bulletin, except for the return-to-service tests, are recommended steps. The steps give a recommendation to install components removed during the Job set-up. This recommendation is to make sure that the aircraft is safe and ready to return to service. Alternative steps can be used at the discretion of the operator.

- 4.1 Remove all tools, equipment, and unwanted materials from the work area.
- 4.2 Install the floor panels that follow:

Applicability: 50010-50018

PANEL	NAME	REFERENCE
231KLF	Escape slide cable, OWEED, panel	AMP BD500-A-J53-00-47-03AAA-720A-A
232KRF	Escape slide cable, OWEED, panel	AMP BD500-A-J53-00-47-03AAA-720A-A

Applicability: 55003-55016, 55018-55068, 55071-55074, 55076-55079, 55081-55083, 55086-55095, 55097-55098, 55100, 55102-55103, 55105

PANEL	NAME	REFERENCE
231KLF	Escape slide cable, OWEED, panel	AMP BD500-A-J53-00-47-03ABB-720A-A
232KRF	Escape slide cable, OWEED, panel	AMP BD500-A-J53-00-47-03ABB-720A-A

5 Administrative

When this service bulletin is completed, record in the applicable aircraft records that you have completed this service bulletin.

Requirements after job completion

Required conditions

Table 6 Required conditions

Action/Condition	Data Module/Technical publication
None	