



**RRJ-95 AIRCRAFT MAINTENANCE MANUAL**

**PASSENGER/CREW — MAINTENANCE PRACTICES**

\*\*\*Figure 203: CHANGED  
**TASK 52-10-00-010-802**

**Opening of the Entry (Service) Door in the Automatic Mode with Emergency Evacuation Slide Release**

1. Reason for Job

Refer to MPD Task: **256100MT-06**

NOTE: This task is carried out before carrying out task 25-61-05-280-802 matching threshold and / or their performance interval.

2. Logistics

A. References

<u>Task</u>	<u>Title</u>
<b>12-15-52-610-801</b>	Charging of the Emergency Power Assist System Bottle with Nitrogen
<b>12-15-52-860-801</b>	Nitrogen Pressure Relief from the Door Emergency Power Assist System Bottle
<b>25-61-05-900-801</b>	Removal/Installation of the Emergency Evacuation Slide (3-WM256, 4-WM256, 5-WM256, 6-WM256)
<b>25-61-05-900-802</b>	Removal of the Inflated Emergency Evacuation Slide
<b>52-00-00-920-801</b>	Entry and Service Doors Maintenance and Safety Precautions
<b>52-10-00-410-801</b>	Closing of the Entry (Service) Door
<b>52-11-01-820-801</b>	Adjustment of the Entry Door
<b>52-11-25-900-801</b>	Removal/Installation of the Emergency Power Assist System Bottle of the Forward (Aft) Entry Door (1-VM527, 2-VM527)
<b>52-12-01-820-801</b>	Adjustment of the Service Door
<b>52-12-25-900-801</b>	Removal/Installation of the Emergency Power Assist System Bottle of the Forward (Aft) Service Door (3-VM527, 4-VM527)

B. Tools and Ground Support Equipment

<u>Designation</u>	<u>Description</u>	<u>Quantity</u>
<b>GE-06-001</b>	Door Platform	1
No specific	Safety barrier	

C. Access

**831, 832, 841, 842**

3. Job Set-Up

**WARNING: DO NOT OPEN THE DOOR IF THE WIND SPEED EXCEEDS 20 m/s(39 kt).**

A. Safety Precautions

- (1) Obey the entry and service doors maintenance and safety precautions (**Ref. Task 52-00-00-920-801**).
- (2) Put the safety barriers around the emergency evacuation slide release area.

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(3) Put the door platform in position.

\*\* WITH BOTTLES (P/N 41004658-1 or P/N 41004658-2) ON A/C POST SB RRJ-52-00485-БД or WITH BOTTLES P/N A415407-055 or P/N A415407-056

B. Aircraft Configuration before Opening of the Entry (Service) Door in the Automatic Mode with Emergency Evacuation Slide Release

(Ref. [\*\* ALL: **Fig. 201**])

- (1) Remove the safety strap (if installed) from the doorway.
- (2) Remove the safety pin from the burst disc body of the EPAS, if installed.
- (3) Make sure that the EPAS bottle is charged, and the pressure gauge pointer is in the green segment.
- (4) Close the forward entry door. (**Ref. Task 52-10-00-410-801**).
- (5) Remove the safety pin **(2)** and move the selector handle **(1)** to the ARMED position.

**NOTE:** Put the safety pin in the special pocket on the cabin attendant seat.

(6) Make sure that the emergency evacuation slide girt-bar engages the attach fittings on the fuselage floor.

\*\* WITH BOTTLES (P/N 41004658-1 or P/N 41004658-2) ON A/C PRE SB RRJ-52-00485-БД

C. Aircraft Configuration before Opening of the Entry (Service) Door in the Manual Mode with Emergency Evacuation Slide Release

(Ref. [\*\* ALL: **Fig. 201**])

- (1) Remove the safety strap (if installed) from the doorway.
- (2) If necessary, remove the bottle (**Ref. Task 52-11-25-900-801**) or (**Ref. Task 52-12-25-900-801**).
- (3) If the bottle has not been removed, do the next:
  - (a) Remove the safety pin from the burst disc body of the EPAS, if installed.
  - (b) Make sure that the EPAS bottle is de-pressurized, and the pressure gauge pointer is in the red segment at zero (0).
  - (c) Close the forward entry door (**Ref. Task 52-10-00-410-801**).
  - (d) Remove the safety pin **(2)** and move the selector handle **(1)** to the ARMED position.

**NOTE:** Put the safety pin in the special pocket on the cabin attendant seat.

(e) Make sure that the emergency evacuation slide girt-bar engages the attach fittings on the fuselage floor.

#### 4. Procedure

\*\* WITH BOTTLES (P/N 41004658-1 or P/N 41004658-2) ON A/C POST SB RRJ-52-00485-БД or WITH BOTTLES P/N A415407-055 or P/N A415407-056

A. Opening of the Entry (Service) Door in the Automatic Mode with Emergency Evacuation Slide Release

(Ref. [\*\* ALL: **Fig. 201**]; [\*\* ALL: **Fig. 202**])

(1) Release the retainer **(3)** of the internal handle **(4)**.

**NOTE:** Do this step for the aft entry and the two service doors.

- (2) Move up the internal handle **(4)** until stop.
- (3) Make sure that:

– the door is in latch in the lifted position at the end of the internal handle travel;

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- the door moves to the full-open position, the emergency evacuation slide releases, inflates and is in position;
  - the emergency evacuation slide releases within not more than 10 s.
- (4) Remove the inflated emergency evacuation slide (**Ref. Task 25-61-05-900-802**).  
 \*\* WITH BOTTLE P/N 41004658-1 or WITH BOTTLE P/N 41004658-2
  - (5) Release nitrogen pressure from the emergency power assist system bottle (**Ref. Task 12-15-52-860-801**).  
 \*\* WITH BOTTLE P/N 41004658-1 or WITH BOTTLE P/N 41004658-2
  - (6) Remove the bottle (**Ref. Task 52-11-25-900-801**) or (**Ref. Task 52-12-25-900-801**), send it together with the safety pin to an approved service center.  
 \*\* WITH BOTTLE P/N A415407-055 or WITH BOTTLE P/N A415407-056
  - (7) Remove the bottle (**Ref. Task 52-11-25-900-801**) or (**Ref. Task 52-12-25-900-801**) and dispose it.  
 \*\* WITH BOTTLE P/N 41004658-1 or WITH BOTTLE P/N 41004658-2
  - (8) Install the bottle after servicing (**Ref. Task 52-11-25-900-801**) or (**Ref. Task 52-12-25-900-801**).  
 \*\* WITH BOTTLE P/N A415407-055 or WITH BOTTLE P/N A415407-056
  - (9) Install the new bottle (**Ref. Task 52-11-25-900-801**) or (**Ref. Task 52-12-25-900-801**).  
 \*\* WITH BOTTLE P/N 41004658-1 or WITH BOTTLE P/N 41004658-2
  - (10) Measure the clearance between the striker crank assembly and the EPAS trigger tongue (**Ref. Task 52-11-01-820-801, 4N**) or (**Ref. Task 52-12-01-820-801, 4N**).  
 \*\* WITH BOTTLE P/N A415407-055 or WITH BOTTLE P/N A415407-056
  - (11) Measure the clearance between the striker crank assembly and the EPAS trigger tongue (**Ref. Task 52-11-01-820-801, 4P**) or (**Ref. Task 52-12-01-820-801, 4P**).  
 \*\* WITH BOTTLE P/N 41004658-1 or WITH BOTTLE P/N 41004658-2
  - (12) Charge the bottle (**Ref. Task 12-15-52-610-801**).
  - (13) Install the armed emergency evacuation slide (**Ref. Task 25-61-05-900-801**).  
 \*\* WITH BOTTLES (P/N 41004658-1 or P/N 41004658-2) ON A/C PRE SB RRJ-52-00485-БД
- B. Opening of the Entry (Service) Door in the Manual Mode with Emergency Evacuation Slide Release  
 (Ref. [\*\* ALL: **Fig. 201**]; [\*\* ALL: **Fig. 202**]; [\*\* ALL: **Fig. 203**])
- (1) Release the retainer **(3)** of the internal handle **(4)**.  
 NOTE: Do this step for the aft entry and the two service doors.
  - (2) Move up the internal handle **(4)** until stop.
  - (3) Make sure that the door is in latch in the lifted position at the end of the internal handle travel.
  - (4) Move the door out of fuselage opening and stop it when the mark **(5)** on door and the mark **(6)** on support arm are aligned.
  - (5) Move the door smoothly in the direction of flight until setting on the open position retainer.
  - (6) Make sure that:
    - the emergency evacuation slide releases, inflates and is in position;
    - the emergency evacuation slide releases within not more than 10 s.
 NOTE: If you open the door too quickly, it slows down for a short time. This is the correct operation of the door snubber.
  - (7) Remove the inflated emergency evacuation slide (**Ref. Task 25-61-05-900-802**).
  - (8) Install the armed emergency evacuation slide (**Ref. Task 25-61-05-900-801**).
  - (9) Install the bottle, if it has been removed (**Ref. Task 52-11-25-900-801**) or (**Ref. Task 52-12-25-900-801**).



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### 5. Job Close-Up

#### A. Close Access

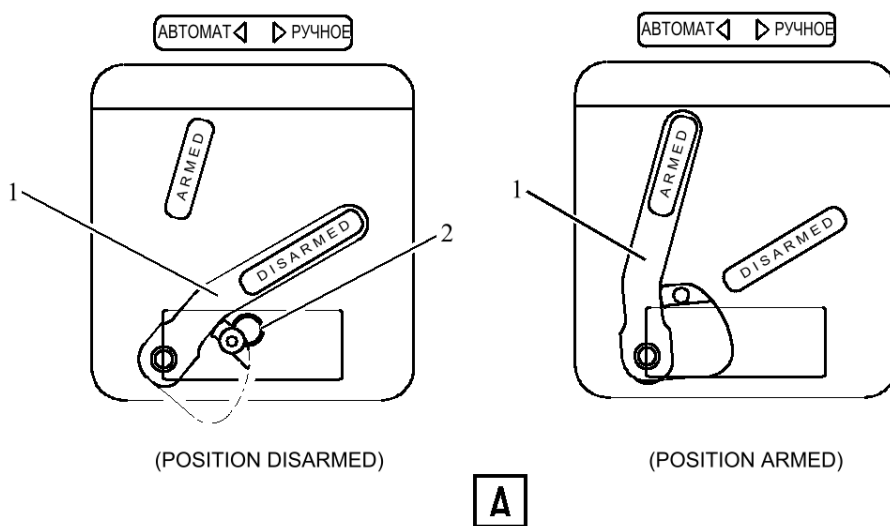
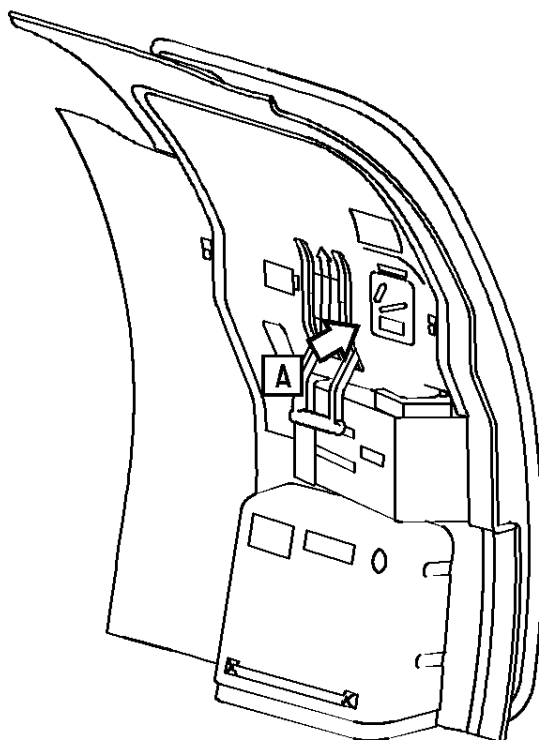
- (1) Close the aft entry and the two service doors (**Ref. Task 52-10-00-410-801**), if they are open.
- (2) Remove the door platform.
- (3) Remove the safety barriers around the emergency evacuation slide release area.

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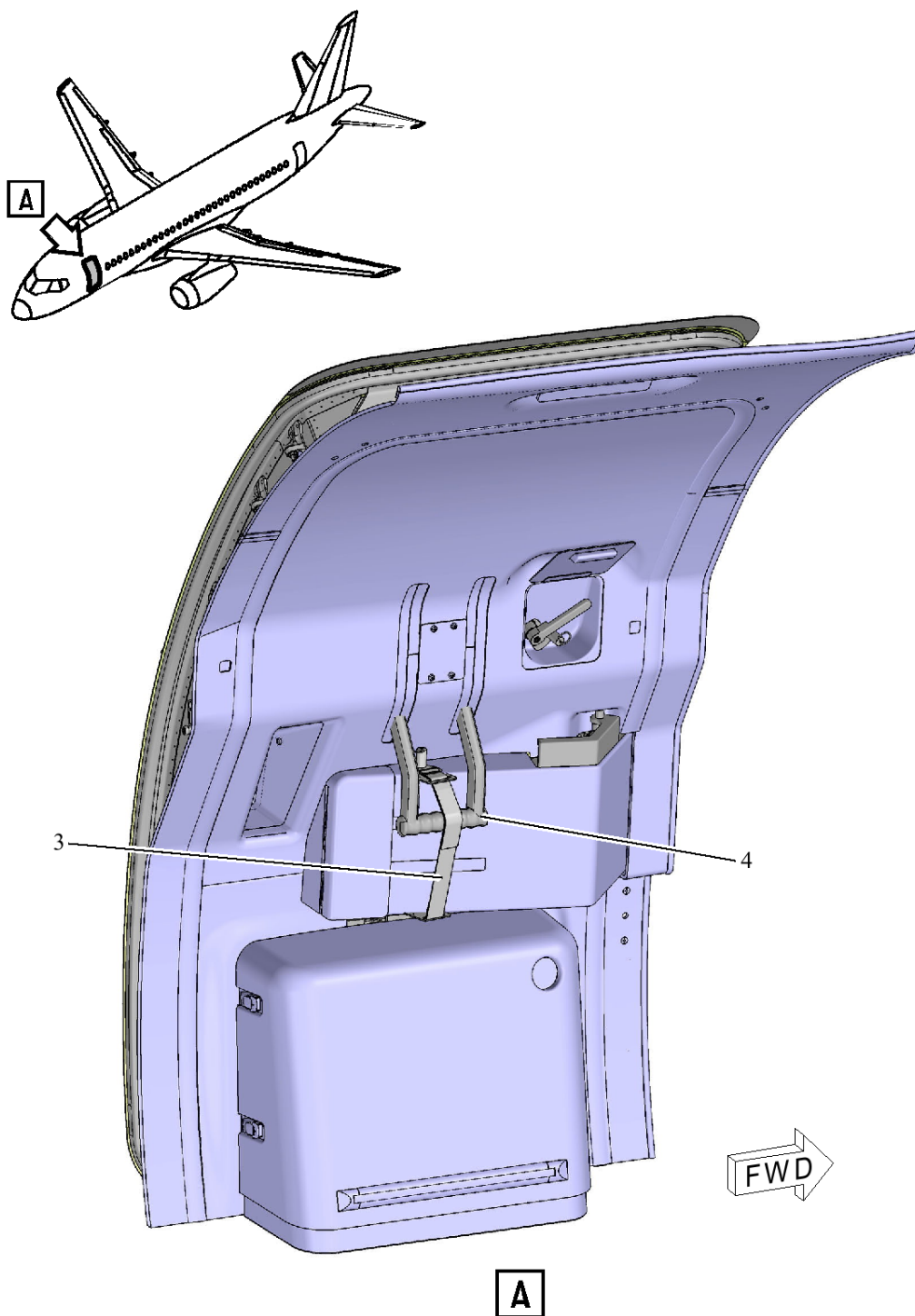
Selector Handle Positions of the Door Automatic Opening Mechanism  
Figure 201

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Opening of the Entry (Service) Door in the Automatic Mode with Emergency Evacuation Slide Release  
Figure 202

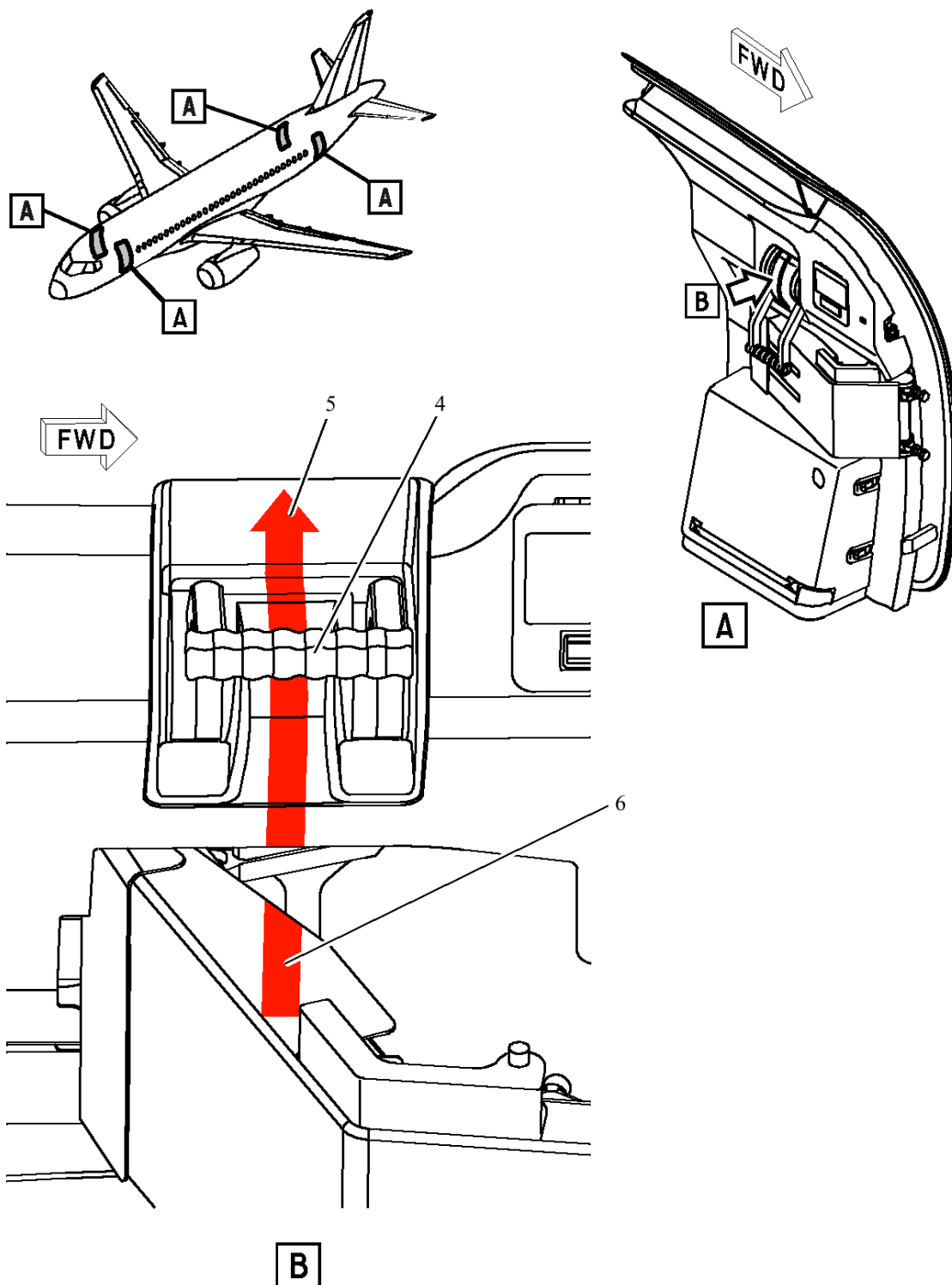
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Opening of the Entry (Service) Door in the Manual Mode with Emergency Evacuation  
Slide Release  
Figure 203

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