MI_2412: Lower door retaining bracket - replacement

iHexagon

45 minutes

See below under "Required tools"

21/09/2026

Topic

These modification instructions describe the removal and installation of the lower door retaining bracket for iHexagon units as well as the checking and adjustment of the lower X-axis.

- Removing the lower door retaining bracket [▷ 3]
- Installing the lower door retaining bracket [▷ 6]
- Checking the lower X-axis [▷ 9]
- Adjustment of X-axis bottom [▷ 10]

Affected appliances

iHexagon

Required tool

- Standard
- Door adjustment aid set 87.02.018S

Required components

Component	Article number
Lower door retaining bracket	14.01.061P

General information

Information

Enter the component's installation at the service level (*Component Replacement* tab). This is an integral part of the maintenance history.

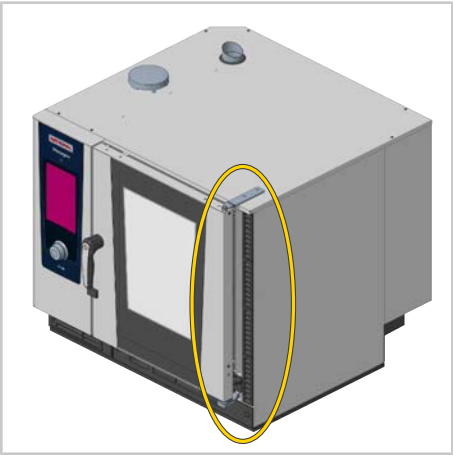
Target group

Installation, inspection, maintenance and repair work must only be carried out by trained technicians and technicians authorised by the manufacturer. In order to prevent accidents or damage, the manufacturer recommends that technicians attend training and safety instructions.

Information

For more information, see the installation manual.

Installation position



Safety instructions

⚠ DANGER

High voltage when connecting to the mains power
Danger to life when working with high voltage.
- Disconnect from the power supply.
- Secure against unintentional switching on.
- Make sure the unit is disconnected from the power.

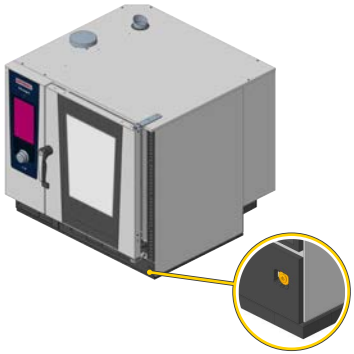
⚠ CAUTION

Sharp edges on the housing
Risk of cuts on the housing when working in the electrical compartment.
- Wear protective gloves.

Information

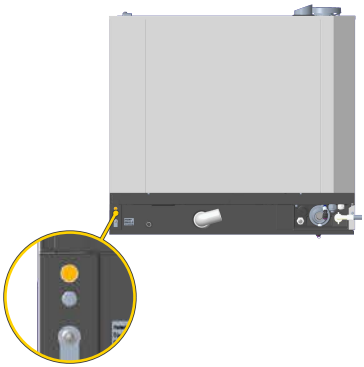
Observe regional and country-specific safety and testing regulations
The relevant regional, country-specific safety and testing regulations apply to all work on RATIONAL units. These regulations may vary by region and are country-specific and are therefore not listed separately in this document.
The technician is responsible for complying with these regulations.

Removal - lower door retaining bracket

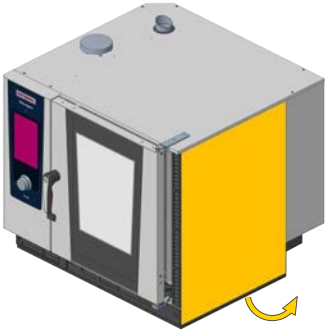


✔ The unit is switched off and voltage-free.

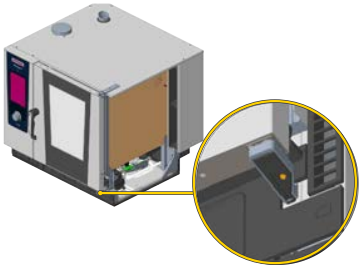
1. Remove the cover flap and the expanding rivet underneath.

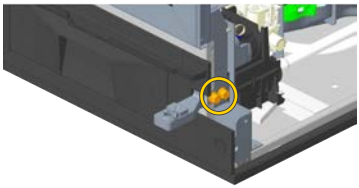


2. Remove the hex bolts on the unit rear.



3. Remove the right side panel.

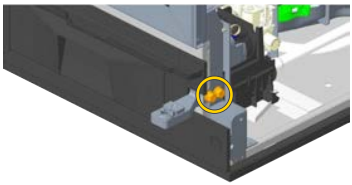
	4. Remove the screw on the underside of the door retaining bracket.
	5. Disconnect the door light cable.
	6. Remove the front screw at the top of the door retaining plate. **Information** **Two people must carry out the following steps together.**
	⚠ WARNING! **The cabinet door may fall shut unexpectedly.** 7. Have a second person hold the cabinet door in place before opening it. 8. Open the cabinet door to an angle of 90°.
	NOTICE! **The axle stub may spring out upwards unexpectedly when released.** 9. Push the axle stub downwards out of the guide.
	NOTICE! **The door lighting cable can be damaged when removing the cabinet door.** 10. Remove the cabinet door and set it down carefully.

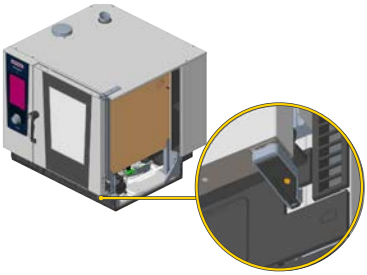
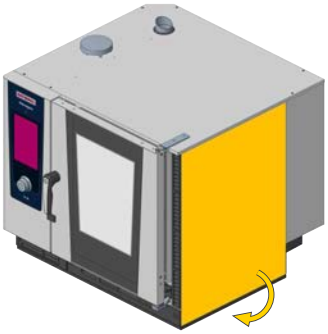
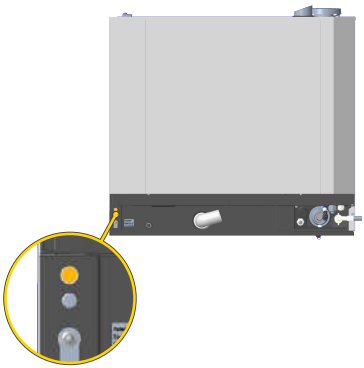


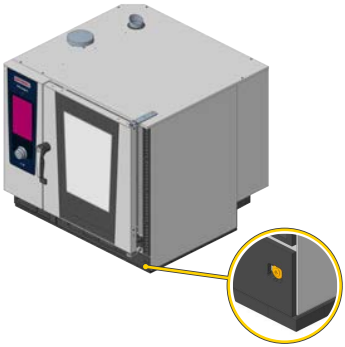
11. Remove the 2 screws and remove the door retaining bracket.

>> The removal of the door retaining bracket is complete.

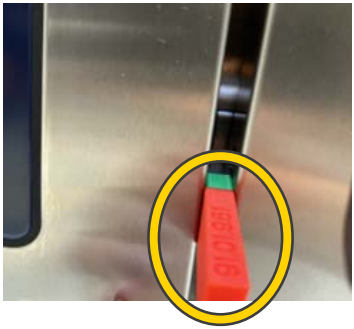
Installation - lower door retaining bracket

	✔ The unit is switched off and voltage-free. ✔ The cabinet door has been removed. 1. Put the door retaining bracket in position and fasten it with the 2 screws.
	⚠ **WARNING!** **The cabinet door may fall shut unexpectedly.** 2. Have a second person hold the cabinet door in place before opening it. 3. Hang the cabinet door back in place. 4. Feed the door lighting cable through the door retaining bracket. **Information** **Make sure that the door is guided correctly.**
	5. Fit the axle stub. **Information** **Make sure that the axle stub engages correctly.**
	6. Close the cooking cabinet door.
	7. Fix the front screw at the top of the door retaining plate.
	8. Connect the door lighting cable.

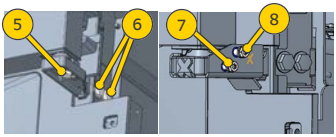
	9. Fix the screw to the underside of the door retaining bracket.
	10. Install the right side panel.
	11. Fasten the hex bolts on the unit rear.

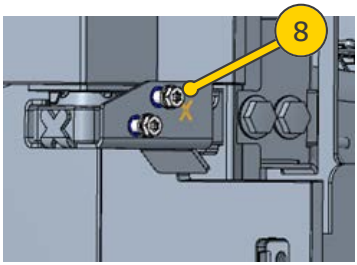
	12. Insert the expanding rivet. 13. Mount the cover flap. >> The installation of the door retaining bracket is complete.
	14. Carry out the adjustment and inspection as follows.

Checking the lower X-axis

	✔ The door handle must be at a 90° angle during the entire test. 1. Check that the distance between the front wall and the cabinet door is correct.
	2. Check the distance to the cabinet door on the front panel at the height of the lower catch.
	3. Measure this distance using the gauge.
	4. **Option 1:** Make sure that the measured value is between 8.0 mm–8.5 mm [≈ ⅜"].
	5. **Option 2:** Slide the "Gauge door X-direction LM4" 91.01.961 into the gap between the front panel and the cabinet door. Make sure that the green block fits into the gap. The red block must not fit into the gap. **Information** **If the measured value or the gauge is not withing the tolerance range, the cabinet door must be adjusted.**

Adjustment of X-axis bottom

	✔ The door handle must be at a 90° angle throughout the adjustment process. ✔ No cooking cabinet gasket may be installed. 1. Slide the "Adjustment aid X-axis cpl. LM4" 91.01.383 at the bottom over the door retaining bracket and tighten the screw (7). **Information** **To do this, use an attachment with wrench width 8 for the screw driver.**
	2. Tighten the screw (8) hand tight. **Information** **The screw (8) must be in contact with the locking pin. To do this, use an attachment with wrench width 8 for the screw driver.**
	3. Close the cooking cabinet door.
	4. Loosen the screw (5) on the door retaining bracket for the locking pin. **Information** **To do this, use an attachment with wrench width 13 for the screw driver.**
	5. Use the screw (8) to adjust the locking pin and the X - axis correctly. **Information** **To do this, use an attachment with wrench width 8 for the screw driver. During the adjustment of the locking pin, the cabinet door must be closed and the door handle must remain at a 90° angle.**

	6. Tighten the screw (5) on the door retaining bracket for the locking pin with a torque of 33 Nm [24.34 blf ft]. **Information** **For this purpose, use an attachment with wrench width 13 for the torque wrench.**
	7. Remove the "Adjustment aid X-axis cpl. LM4" 91.01.383.
	8. Open the cabinet door gently and carefully as far as it will go to ensure that the locking pin is fully turned into place.
	9. Check the measured value and the gauge again. If the result does not correspond to the specifications, the cabinet door must be readjusted. >> The adjustment is complete.