

MI_2411 Motor shaft seal - removal and installation



iHexagon



15 min.



Standard



24/11/2025

Topic

The information describes the removal and installation of the motor shaft seal.

Affected product/accessories

- iHexagon

Required tool

- Standard

Required components

The following components are required for removal and installation:

Component:	Item number:
Motor shaft seal D15	22.00.985P

General information

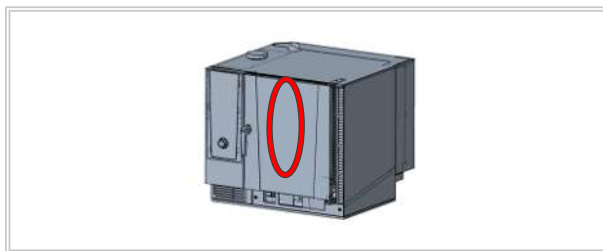
NOTICE

Enter the installation of the component on the service level ("Component replacement" tab). This is an integral part of the maintenance history.

Target group

- This document is intended for skilled technicians, who have been certified by the manufacturer after attending training and safety instructions.
- Installation, inspection, maintenance, and repair work must only be carried out by trained technicians.
- It is recommended that only technicians authorised by the manufacturer perform inspection, maintenance and repair work.
- The unit may not be used, cleaned, or maintained by children. The unit may not be used for play. This is prohibited even under supervision.
- The unit may not be used, cleaned, or maintained by people with limited physical, sensory, or mental capacity or those without the necessary experience or knowledge, unless such people are supervised by a person who is responsible for their safety and who has been informed of the hazards of the unit.
- In order to prevent accidents or damage, the manufacturer recommends that technicians attend training and safety instructions.

Installation position



Safety instructions

DANGER

High voltages when connecting to the mains power

Danger to life due to 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.

WARNING

Risk of chemical burns due to cleaning chemicals

There is a risk of chemical burns from conscious and unconscious contact with cleaning chemicals.

- During installation and maintenance, wear tight-fitting safety glasses and chemical protective gloves that will allow you to handle cleaning products safely.

NOTICE

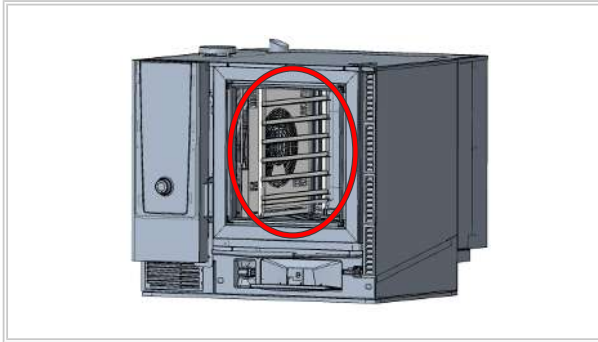
Observe regional and country-specific safety and testing regulations

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.

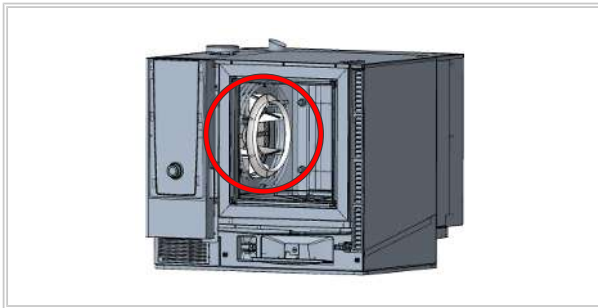
The technician is responsible for complying with these regulations.

Work steps – removal of the motor shaft seal

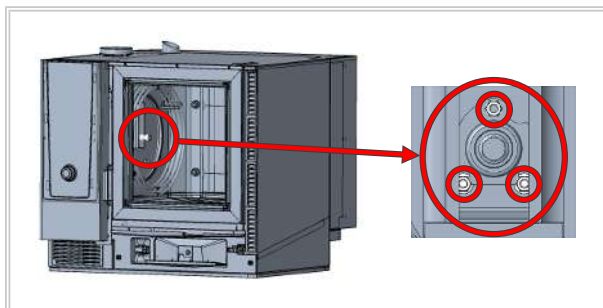
- ✓ The unit is switched off and voltage-free.
 - ✓ The left side panel is open.
 - 1. Open the cooking cabinet door.
 - 2. Unhook in the hinging rack.
 - 3. Remove the air baffle.
- The nuts must be removed on the iHexagon.**



- 4. Loosen the fastening screw on the fan wheel.
CAUTION! Risk of cuts - To prevent the fan wheel from turning, hold the outer ring.
- 5. Screw the puller screw into the thread in the middle of the fan wheel.
- 6. Put the puller on and tighten it until the fan wheel detaches from the shaft.
WARNING! Use hearing protection.
- 7. Remove the puller, the puller screw and the fan wheel.



8. Remove the 3 nuts.



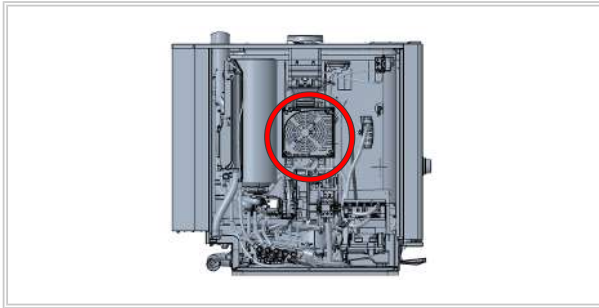
9. Remove the flange and the motor shaft seal.

NOTICE! Use the assembly aid Item no.: 91.01.786P

>> The removal is complete.

Work steps – installation of motor shaft seal

1. To install, proceed in reverse order.
2. Install the fastening screw on the fan wheel.
Tighten the fastening screw with a torque of 38 Nm [28.03 lbf ft].
3. Mount the air baffle.
With iHexagon, the nuts must be installed.
4. Check the unit for microwave leakage on the iHexagon.
WARNING! The unit is under voltage and the left side panel is open.
5. Open: Service level -> Microwave -> Leak test -> Component replacement
6. Now carry out the microwave leak test at the following location:
The values to be measured must not exceed $< 0.4 \text{ mW/cm}^2$.
NOTICE! For more information about microwave leakage, see the installation manual.



>> The installation is complete.