

MI_2433: Modified outer bearing lid - removal and installation



iVario 2-XS / Pro 2-S



60 min.



Standard, torque wrench (15 - 20 Nm)



25 November 2024

Topic

The information describes the removal of the outer bearing lid.

The information describes the installation of the **modified** outer bearing lid.

With the modified version of the outer bearing, the lid can be aligned better with the pan.

Affected product/accessories

iVario

- 2-XS

iVario Pro

- 2-S

Required tool

- Standard
- Torque wrench (15 – 20 Nm)

Required components

Modified outer bearing lid

- 87.02.055S: Replacement kit outer bearing lid right
- 87.02.056S: Replacement kit outer bearing lid left

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.

Safety instructions

DANGER

High voltages when connecting to the mains power

Danger to life due to high voltage.

- Disconnect from the power supply.
- Make sure the cooking system 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.

NOTICE

Damage to the cable trunk and the control panel when removing the control panel

The control panel is connected to the installation compartment by a cable trunk.

Remove the control panel carefully in order not to damage the cable trunk.
Put down the control panel carefully and protect it against scratching.

NOTICE

Incorrect objects for opening the control panel

Do not use any sharp or pointy objects to press the control panel upwards.
This could damage the housing and gasket.

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.

Revision Log

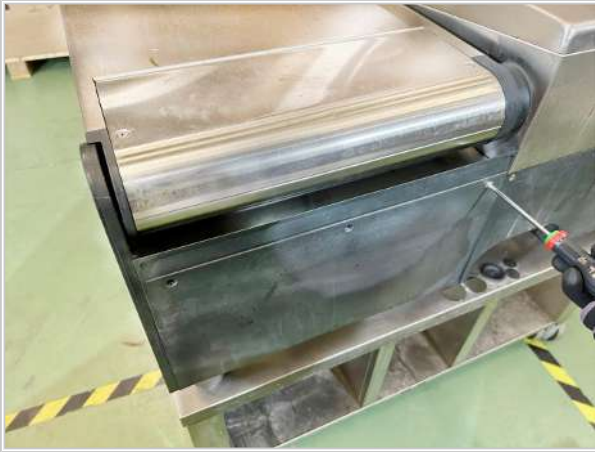
Changes from previous version of this manual:

- Added service part item number and replacement kit name.
- Replacement kit now also available for left side.

Work steps - Removal of the "old" outer bearing

Only the right side is shown in the following description. Use the same procedure for the left side of the drain.

- ✓ The unit is switched off and disconnected from the mains.
 - ✓ The water feed is switched off.
 - ✓ The unit is accessible from all sides.
 - ✓ A second person is ready to hold.
1. Remove the electrical compartment lid on the unit rear.



2. Remove the maintenance flap.



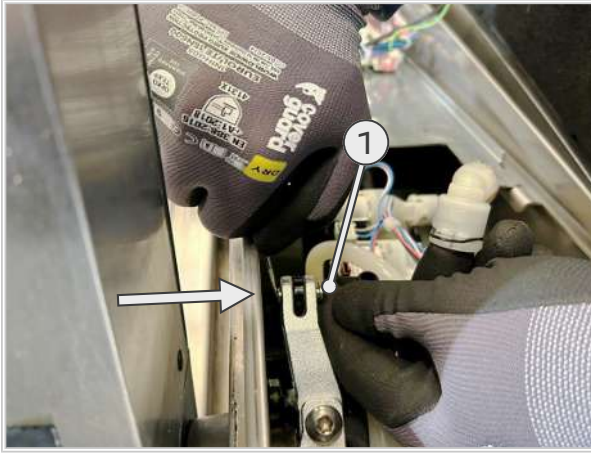
3. Remove the control panel and place it safely to one side. The plug connections can remain connected.



4. Unlock the securing clamp of the water line and pull off the line.



5. Have a second person hold the lid and carefully remove the axle (1). Put the stroke cylinder rod to one side.



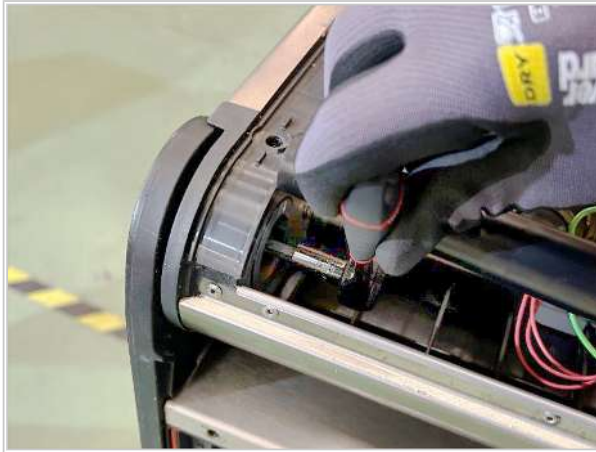
6. Slowly move the lid until you reach the screw (2).
7. Loosen the screw (2), you do not need to remove it.



8. Carefully pull the pressure module (3) slightly upwards. It is not necessary to disconnect anything.



9. Loosen and remove the upper screw of the outer bearing.



10. Loosen and remove the lower four screws of the outer bearing in the electrical compartment.



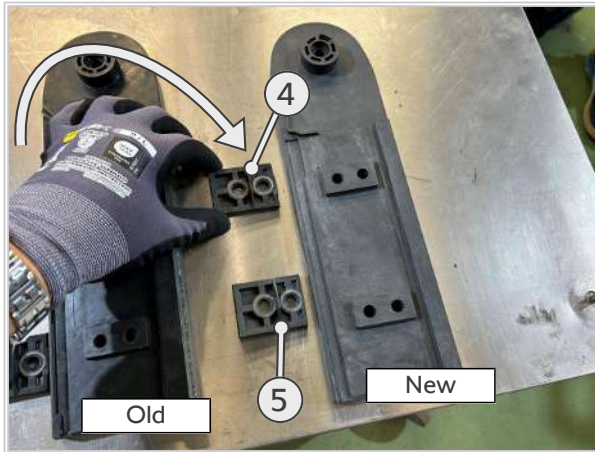
11. Remove the outer bearing and the inner spacers from the unit.



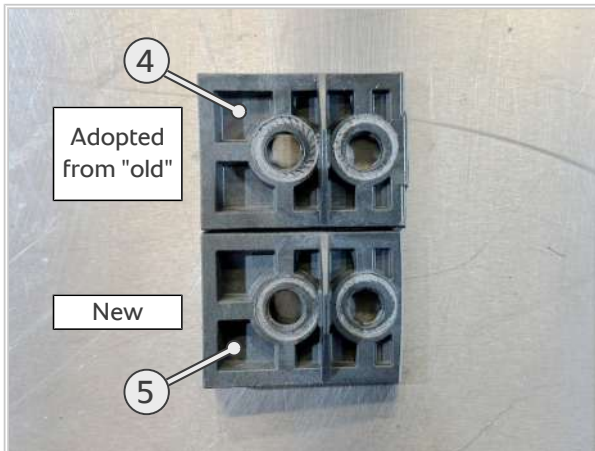
- > The removal of the outer bearing is complete.

Work steps – preparation

- ✓ The “Modified outer bearing” kit is ready.
- 1. Take the upper spacer (4) from the “old” outer bearing and add it to the “new” outer bearing in the upper position.

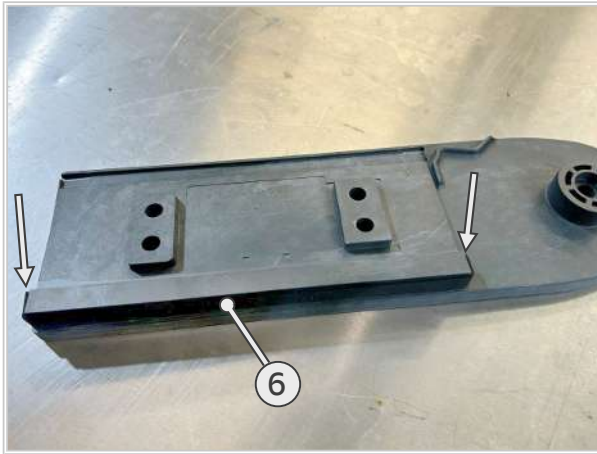


NOTICE! The lower spacer (5) is newly installed, the new variant is slightly shorter than the original spacer.

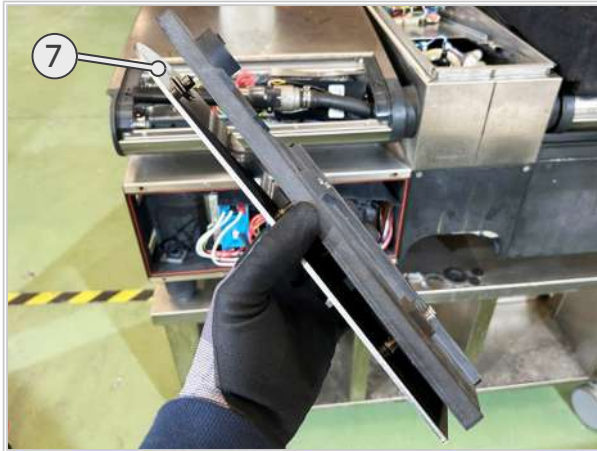


2. Stick the 2 mm thick EPDM tape (6) to the outer bearing.
3. Place it around the edges and cut it at the points shown.





4. Insert the lid (7) into the "new" outer bearing.

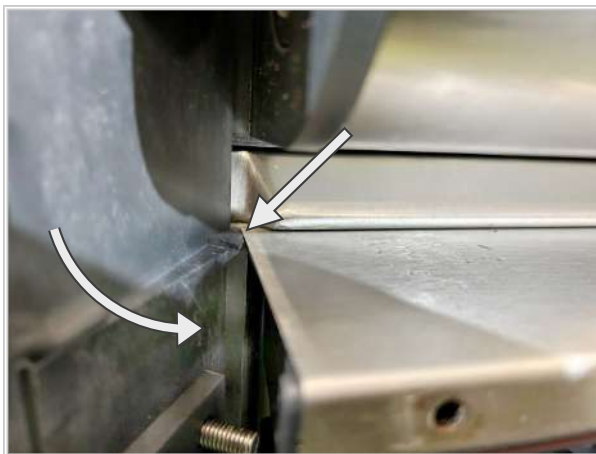


>> Preparation is complete.

Work steps – installation of the modified outer bearing

1. Carefully insert the outer bearing into the unit.

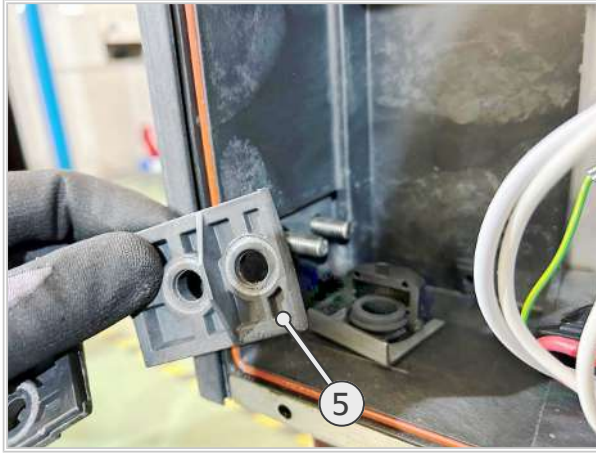
NOTICE! Pay attention to the EPDM tape at the top and bottom, the tape must also be inserted under the sheet.



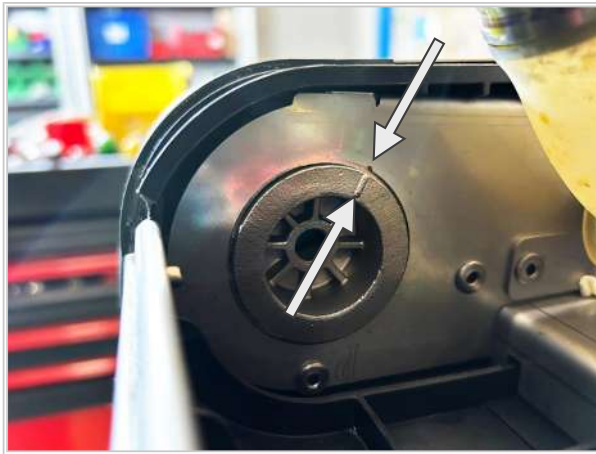
2. Insert the "old" spacer (4) at the top, paying attention to the orientation.



3. Insert the "new" spacer (5) at the bottom, paying attention to the orientation.



4. Initially, only position the four M8 nuts, do not tighten them.
5. Check the alignment of the pane to the mark in the lid, they must be aligned.



6. Insert the screw of the lid at the top, do not tighten.



- > The installation of the outer bearing is complete, then the alignment of the lid follows.

Work steps – aligning the lid

NOTICE! Observe the following sequence and the specified tightening torque when tightening the bolts and nuts.

- ✓ The lid is closed.
- ✓ All previously loosened screw connections are only fitted and not tightened firmly.

1. Pull the closed lid slightly outwards in the direction of the arrow.



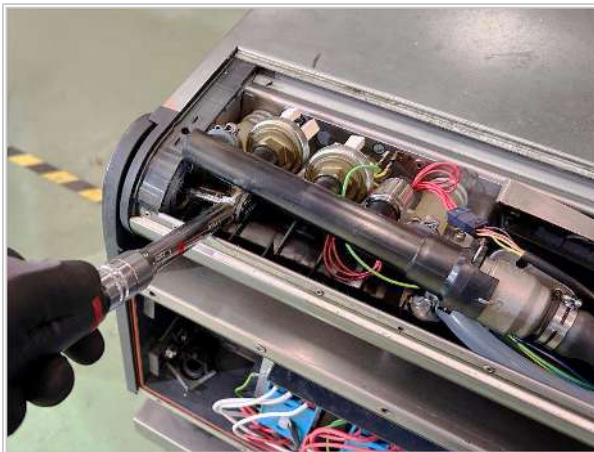
2. Tighten the screw of the swivel lever to **20 Nm**.



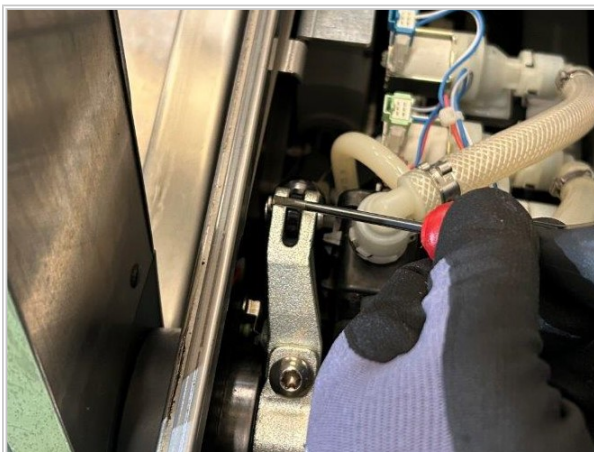
3. Tighten the four nuts of the outer bearing in the electrical compartment to **15 Nm**.



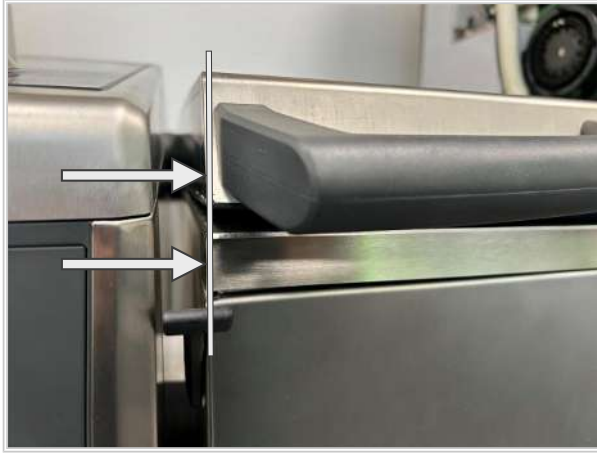
4. Tighten the upper screw of the outer bearing to **20 Nm**.



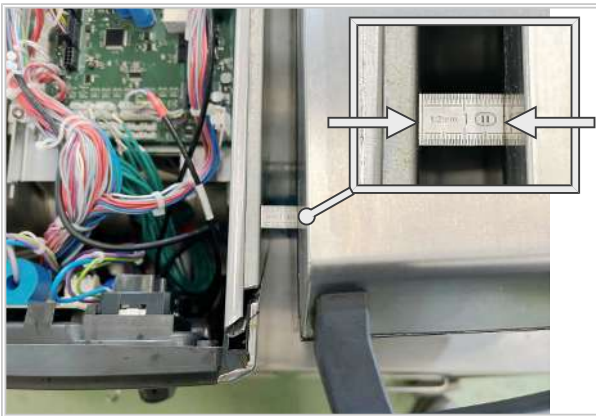
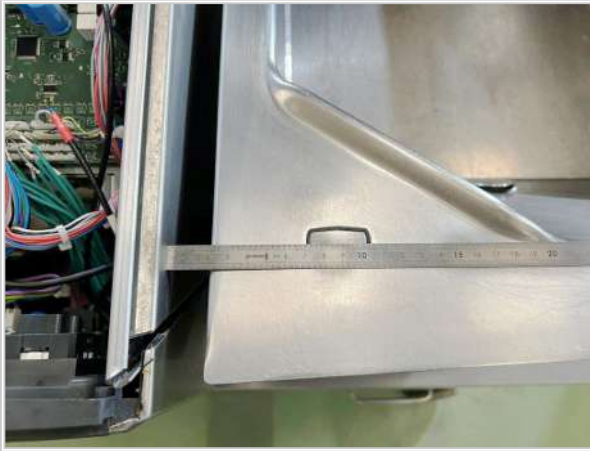
5. Reinsert the lifting cylinder rod into the swivel lever.



6. Check the alignment of the lid to the pan; both components must be flush on top of each other.



7. Measure the distance between the lid + pan and the frame. The TARGET distance is **19-21 mm**.



8. Move the lid up and down 3x in succession.
 9. Check the alignment of the lid and pan again.
 10. If you notice any deviation, loosen the screws again and align the lid accordingly.
- >> The alignment of the lid is complete.

Work steps – completing the unit

1. Reassemble the unit in reverse order.
- >> The replacement of the outer bearing is complete.

