

TI_2503: Follow-up check of bolted connection of clamping bearing and left bearing for pan



iVario Pro L / XL



02/04/2025

Topic

NOTICE! Only carry out the follow-up check if you have a service appointment with the customer anyway. You do not have to be active here, only drive to the customer for this follow-up check!

This information describes the follow-up check of the bolted connection of the **clamping bearing** and the **left bearing for pan** of iVario Pro sizes L and XL.

The bolted connection can come loose on individual units and lead to material damage over time.

In the service level, check whether the follow-up check has been carried out for each affected unit on which you have a service call.

For units that do not yet have a service entry, urgently carry out the follow-up check described below.

It is then essential to enter the follow-up check carried out in the service level.

Use the following item numbers for invoicing:

Invoicing system	Invoice name	Invoice period	Invoicing item number
For ServiceCall:	Inspection clamping bearing	15 minutes	9999.8951
For ServiceCall:	Rework clamping bearing	30 minutes	9999.8952
For ServiceDesk	Inspection clamping bearing	15 minutes	9999.7101
For ServiceDesk	Rework clamping bearing	30 minutes	9999.7102

Affected product/accessories

iVario Pro

- L
- XL

NOTICE! Affected units: Up to unit serial end number: 8085085.

Affected components

- 87.01.603S: Clamping bearing (right bearing)
- 20.02.892P: Left bearing for pan (left bearing)

The components are the same for both unit sizes L and XL.

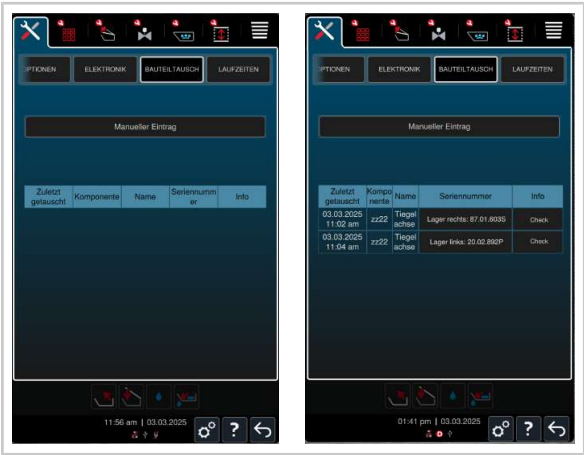
Revision Log

Changes from previous version of this document:

- Invoicing item numbers added.
- Drain follow-up check and rework separate.

Check service level entry

1. Open the service level and check whether the follow-up check has already been carried out.
Left: No service was entered here.
Right: The follow-up check has already been entered here.



2. If you cannot identify an entry, perform a follow-up check as described below.
>> The check of the entry in the service level is complete.

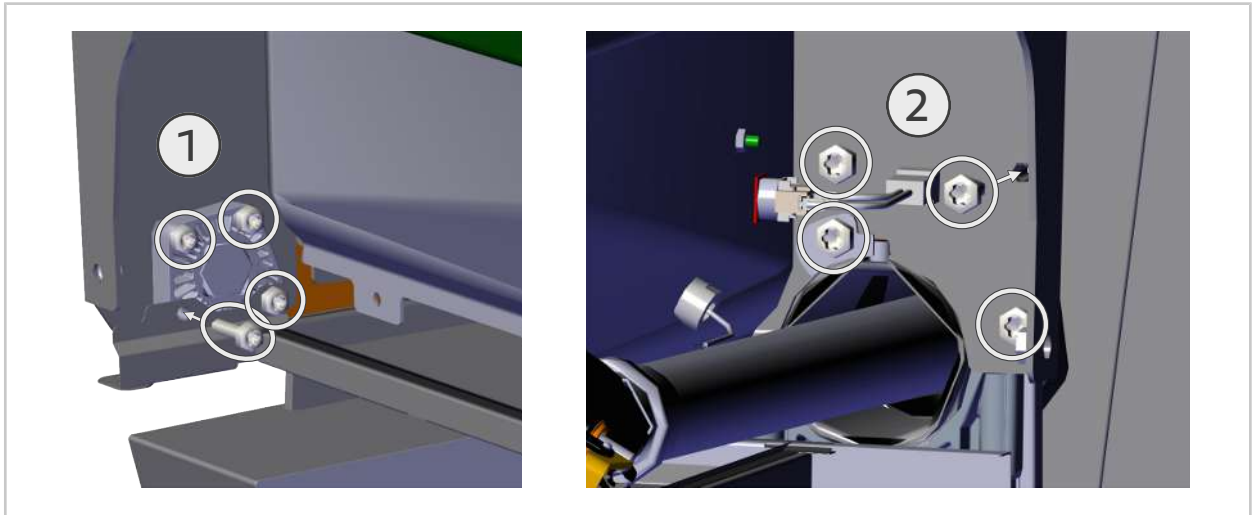
Follow-up check of bearing bolted connection

- ✓ To be able to carry out the follow-up check, you must remove the pan front panel. If necessary, refer to the first chapter of the in **MI_2501: Insulation pan front panel - replacement**.

On the left is the **left bearing for pan (1)** and on the right the **clamping bearing (2)**.



1. Check on both bearings that all eight screws are tight or loose.



- > **All screws are tight:** No further action is required, complete the steps in this chapter.
- > **Some screws were loose:** Carry out the **bearing bolted connection rework** as described in the following chapter.

2. Reinstall the pan front panel in reverse order.
 3. Enter the follow-up check carried out in the service level, see last chapter.
- >> The follow-up check is complete.

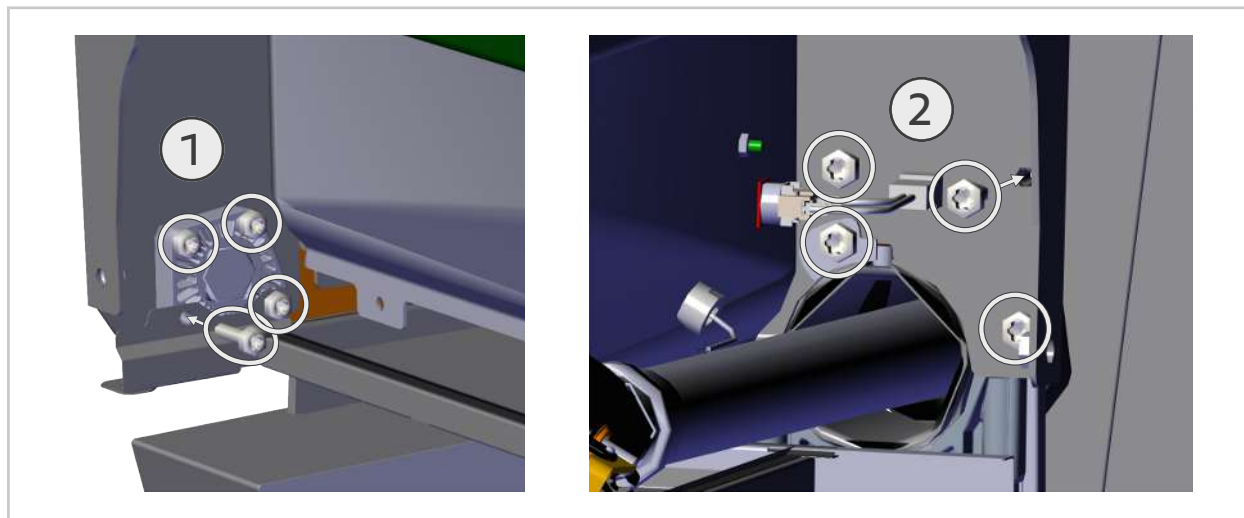
Invoice for the above-mentioned 15 minutes for this follow-up check.

Rework of bearing bolted connection

If you have found loose bolted connections during the follow-up check, you must unscrew and clean all screws one after the other, apply a screw lock and retighten to **20 Nm**.

✓ The unit is still open from the follow-up check.

1. To check, always unscrew only one of the bolts from the bearing.



2. Check the screw for traces of copper grease.
3. If there is copper fat on the screw, degrease the screw and the thread in the unit, for example with brake cleaner.
4. Apply a liquid, medium-strength screw lock to the screw.
5. Tighten the screw to **20 Nm**.
6. Repeat the procedure for all the remaining 7 bolts of the two bearings one after the other.
NOTICE! Only unscrew one screw at a time to prevent the bearing from moving! The tightening torque of 20 Nm applies to all screws.
7. Reinstall the pan front panel in reverse order.
8. Enter the reworking carried out in the service level, see next chapter.

>> The reworking is complete.

Invoice for the above-mentioned 30 minutes for this rework.

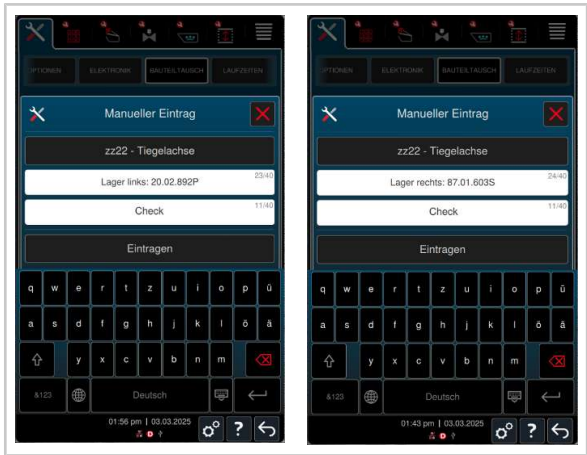
Entry in service level

- ✓ You must enter the follow-up check/rework in the service level. This is the only way to trace the service performed and avoid having to repeat the check unnecessarily.

1. Enter the follow-up check/rework in the service level as described below:

Select component: zz22 pan axis
Serial number: Left bearing: 20.02.892P
Note: Check

Select component: zz22 pan axis
Serial number: Right bearing: 87.01.603S
Note: Check



2. Confirm the manual entries to save them.

Zuletzt getauscht	Komponente	Name	Seriennummer	Info
03.03.2025 11:02 am	zz22	Tiegelachse	Lager rechts: 87.01.603S	Check
03.03.2025 11:04 am	zz22	Tiegelachse	Lager links: 20.02.892P	Check

>> The entry is complete.