

TI_2326: Problem with pan valve, lid locking, interruption of pressure mode



iVario Pro 2-S P



27/12/2023

Topics

Problems with the pan valve, lid locking and interruption of the pressure mode continue to occur after replacing the locking system and/or replacing the I/O PCB A10.

Affected product/accessories

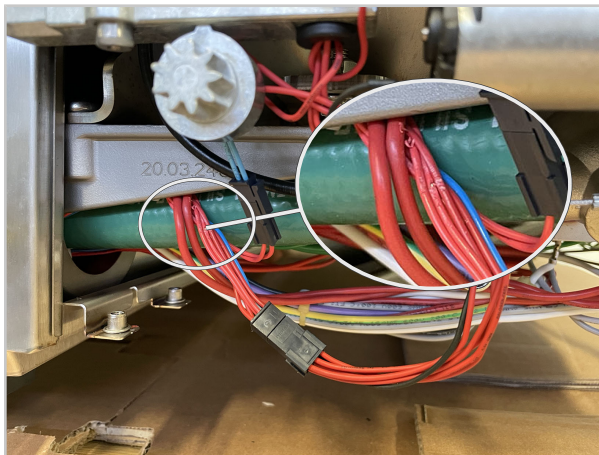
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Affected components

The following must be checked in the event of problems with the lid locking, the movement of the pan valve, an interrupted pressure cycle or the display of error messages such as X.442.05, X.425.31, X.430.10:

Condition of the cable harness

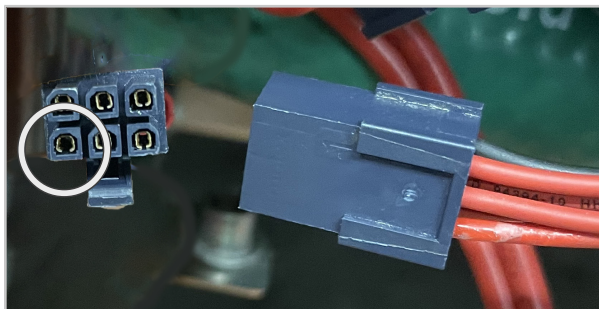
The cable harness running through the axis of the pan may be damaged and have unintended ground faults, which can lead to various problems depending on the damaged wire.



Condition of connections of intermediate plugs

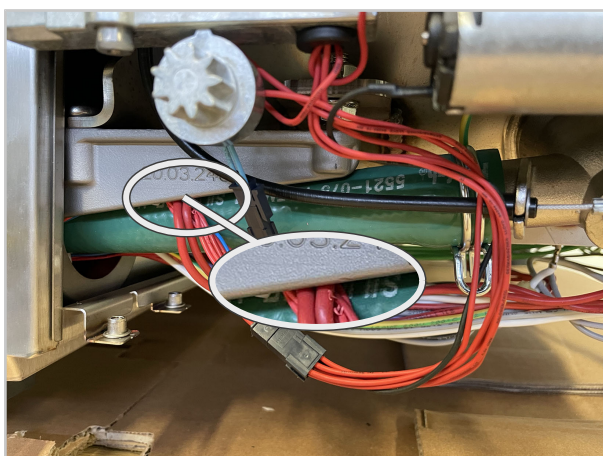
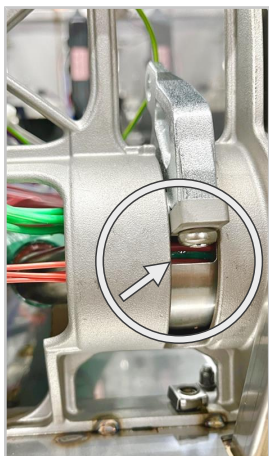
The connections of intermediate plugs should be undamaged.

Example of a faulty connection:



Position of the cable harness on the drain pipe

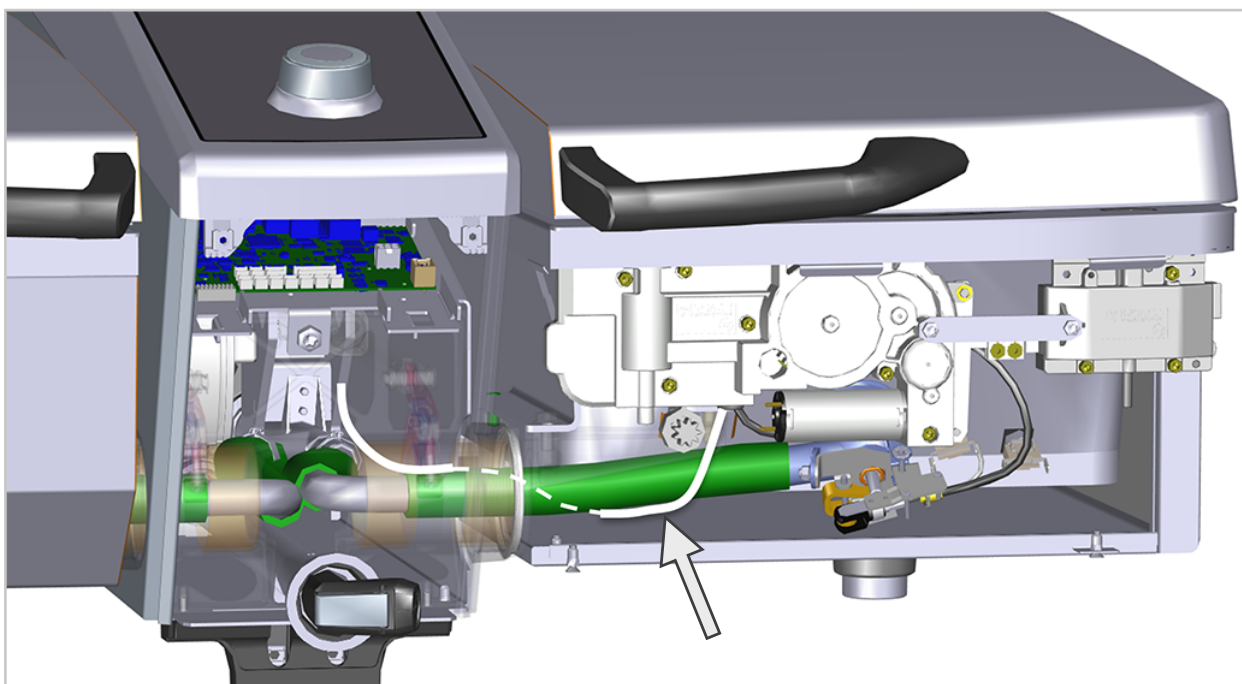
The cable harness must not be pinched by the drain pipe.



Routing of the cable harness

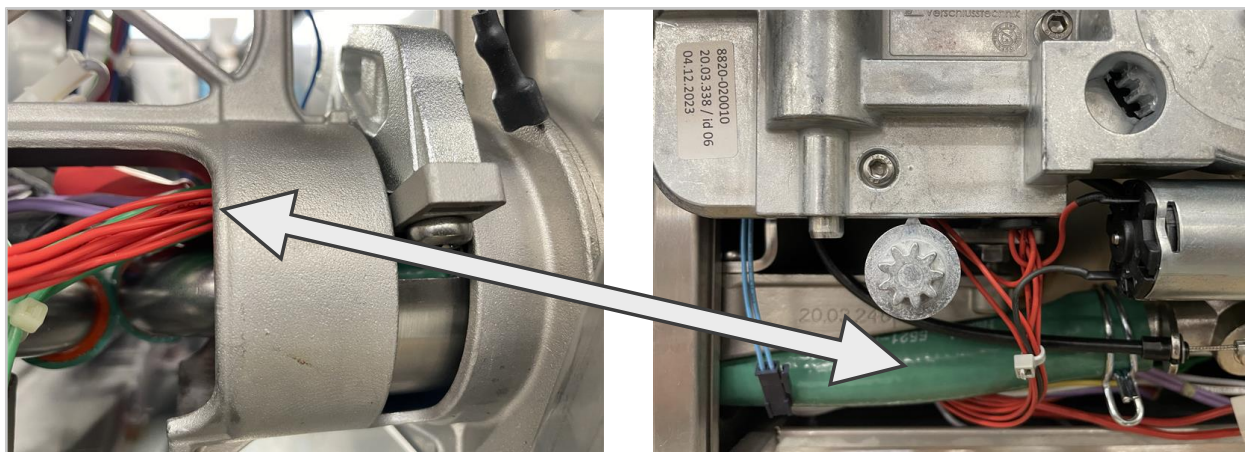
The cable harness of the locking system must run from the upper part of the axle passage down behind the drain pipe and come out again under the drain pipe and back up to the locking system at the front.

The following example shows the right side of the unit and applies to the left side accordingly:



Position of the cable harness in the axle passage

The cable harness must remain free in the axle passage.

**Condition of wiring and connections**

In the event of problems with components that are supplied with 5 V, 12 V or 24 V, the wiring and connections must always be checked for correct condition. This means:

- Insulation in good condition
- Clean connections free from corrosion
- Connector pins in good condition

In the case of low-voltage elements, this has a direct impact on the quality and value of the signals forwarded to the electronics.

NOTE:

No further action is required.