

burner flap



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1st



Troubleshooting ONLY after reading the safety guidelines!



scan me!

hug me!

www.holz-kraft.help/security-guidelines/
write me!

After every error code has been rectified, the air mass sensor and exhaust fan test must be carried out!

Complete tests 1-3 carefully!

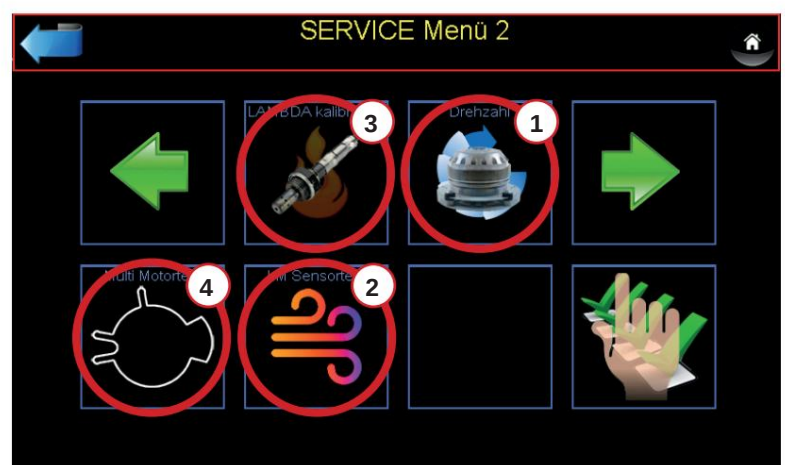
1 = Start exhaust fan

2 = Air mass sensor test

3 = Lambda sensor calibration



Utzsch



Because it's about your safety!

burner flap

The burner flap must be checked

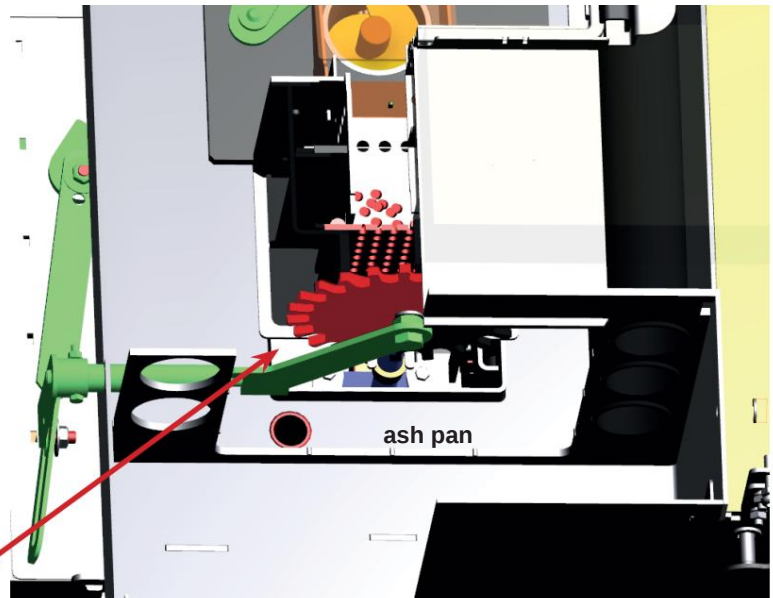
after the message burner overflow or suction lock.

Where is the burner flap?

You will find the burner flap if you
Remove the ash pan from the boiler and look upwards
through the opening that is created.

You can easily recognize this burner flap because it
has teeth. The

Burner flap turned.



burner flap

axis

Due to prolonged
downtime (boiler without
power) the axle can rust
and the burner flap

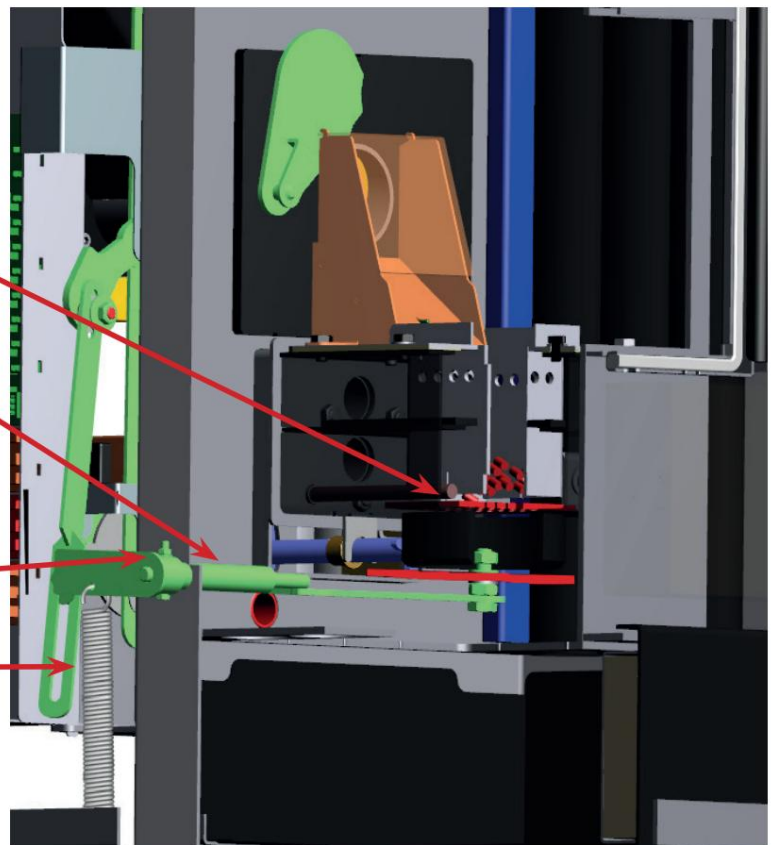
no longer closes.

Connection

Feather

The flap is pulled upwards by a spring.

This spring can also break and be responsible
for the error.



burner flap

What happens if the flap does not close properly?

As a result, the air required for combustion escapes downwards, directly through the gap in the burner flap.

Due to the lack of air in the burner, the pellets burn more slowly and the fuel level in the burner increases. As soon as the pellets remain on the chute, this is detected and the heating end code "Burner over" the burning process ends.

Impact?

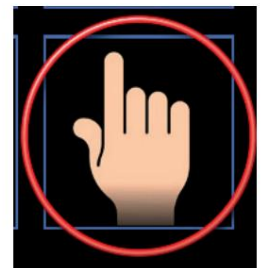
- Loss of performance
- Error burnback detection
- Error burner passed
- Tarring of the burner

How is the burner flap checked?

ATTENTION! The boiler must be switched off (OFF) and in the burner standby mode!

For the **aggregate test**, switch off the boiler and put it into **standby** operating state.

Go to the "flame" button and then to the "hand" button. Now press the "down arrow" button at the bottom right and activate the burner grate (Belimo).



Opening the grate takes about 120 seconds. While the grate is opening, you can

- Open the combustion chamber door
- Remove the ash pan (empty it immediately if necessary)
- Get a strong flashlight

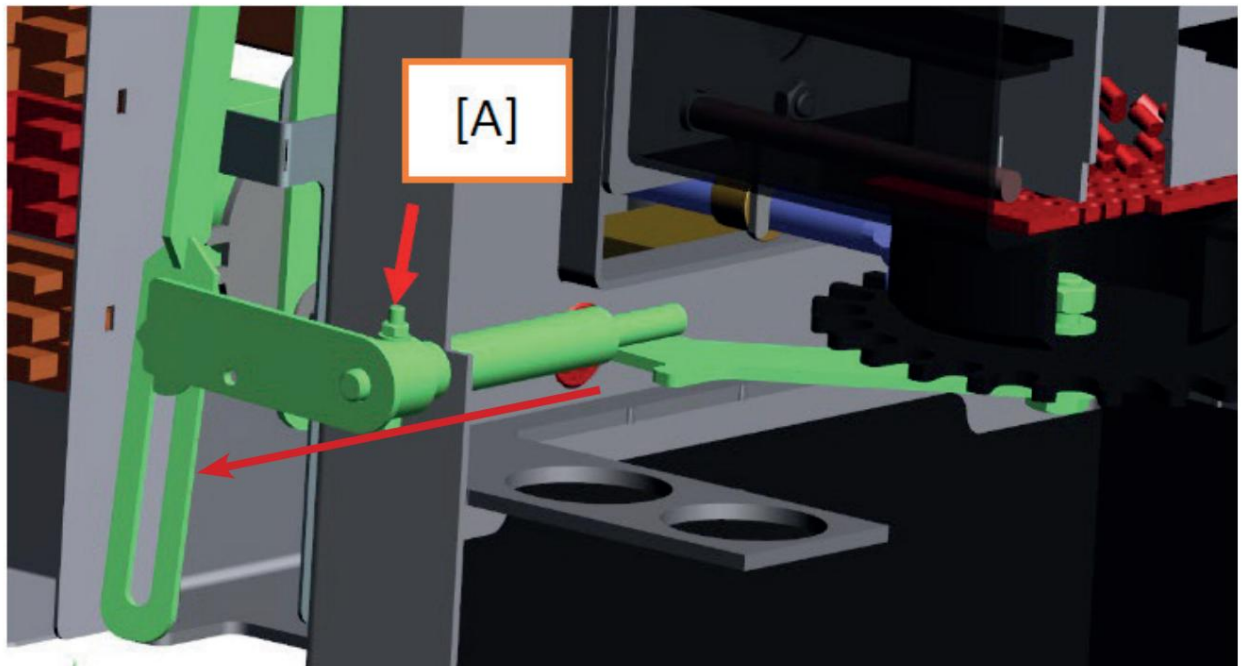
Carefully pull the burner flap downwards. After about one centimeter, reduce your pulling force and let the burner flap close again. You should clearly feel the pulling force of the spring when opening and closing the burner flap.

- If you do not feel this spring tension graft, check the spring for integrity.
- If you feel the spring tension graft, but the burner flap does not close completely, the axis must be made to move freely again.

burner flap

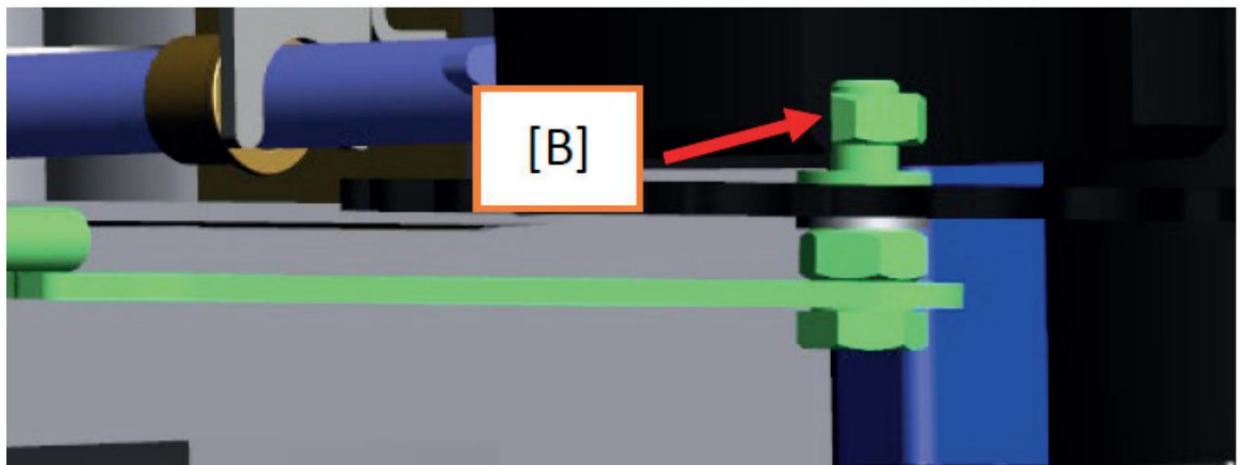
make the axle run smoothly

Disengage the spring and unscrew the grub screw [A] on the bracket.
Then pull the angle down from the axis.

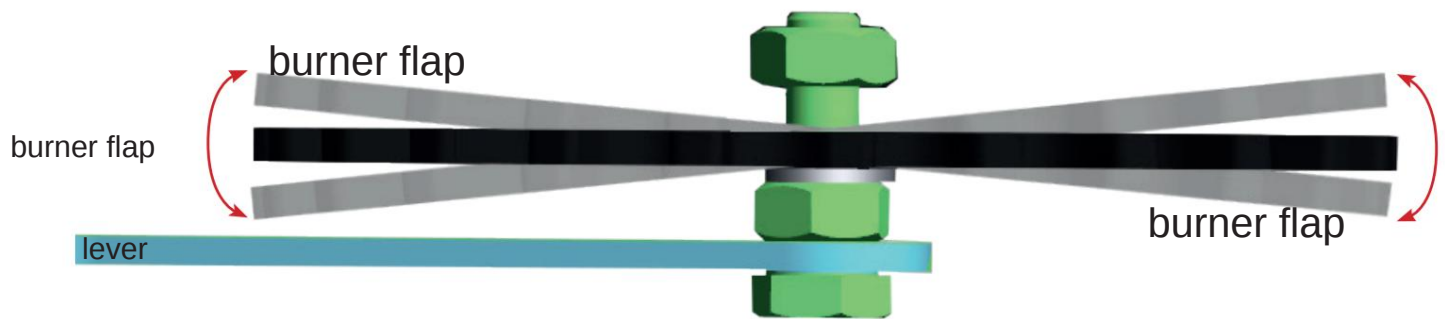


Now you can move the axle horizontally. Try using a rust remover (WD40) to make the axle move smoothly again.

If you need to remove the axle, remove the screws [B] from the burner flap.
After assembly, the burner flap must again be able to move on the lever.



burner flap



final test

Shine the powerful flashlight down through the burner (where the grate would be). Then look through the ash pan at the burner flap and check for 2 minutes (the burner flap turns very slowly) to see if you can see any light in the two minutes.

- **No** – The burner flap is working again and the boiler can be put into operation again.
- **YES** - The burner flap is levered out by the drive wheel. It may be possible to Turn the burner flap over, the teeth should already be ground in.



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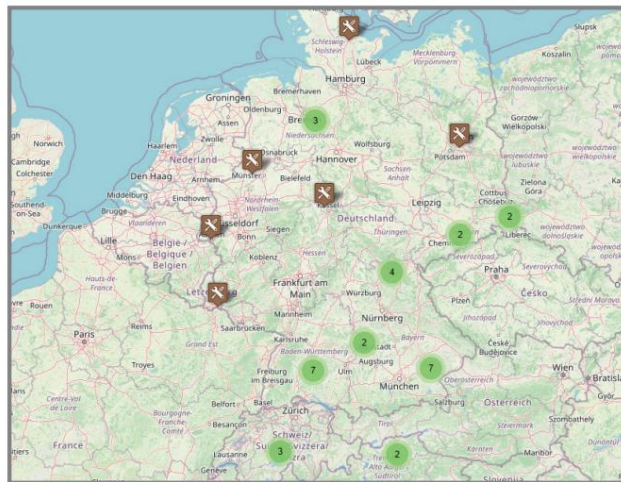
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Or contact the Re2 Support Hotline:



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