

**Watertight Sliding Door
Adjustment closing blocks and wedges**

General

Before you start making adjustments to the door, please consider the following;

Please check the condition of the seal. If it is not in good condition you need to replace it first. We refer to [Instruction Sheet; Watertight Sliding door; Replacement Silicone Seal](#).

The door and frame are factory welded and straightened to a perfect set. During installation and welding (or bolting) of the frame into the bulkhead, it is possible that the frame will be bended. Consider that the door blade is very stiff and will not bend. The Winel sliding door has adjustment possibilities to ensure the water tightness of the door. This instruction sheet is meant to guide you through that process.

Please consider that the water tightness is granted by the seal imprint (0.3 - 0.4 mm) and NOT by the distance between door and frame.

The adjustment possibilities are limited. If your frame is bended more than 2 mm, first straighten your frame before you continue.

Step 1

Measure the straightness of the frame. If this is within 2 mm, continue with step 2, otherwise first straighten the frame. In case the frame can not be straightened due to accommodation, see optional procedure at the last page of this frame but please note the remarks.



Step 2

Open the door to fully open position.



Step 3

Switch of the motor to make sure the door can not be operated locally or from the bridge. In case of Albatros type door, also drain the accumulator by operating the door with switched off motor.



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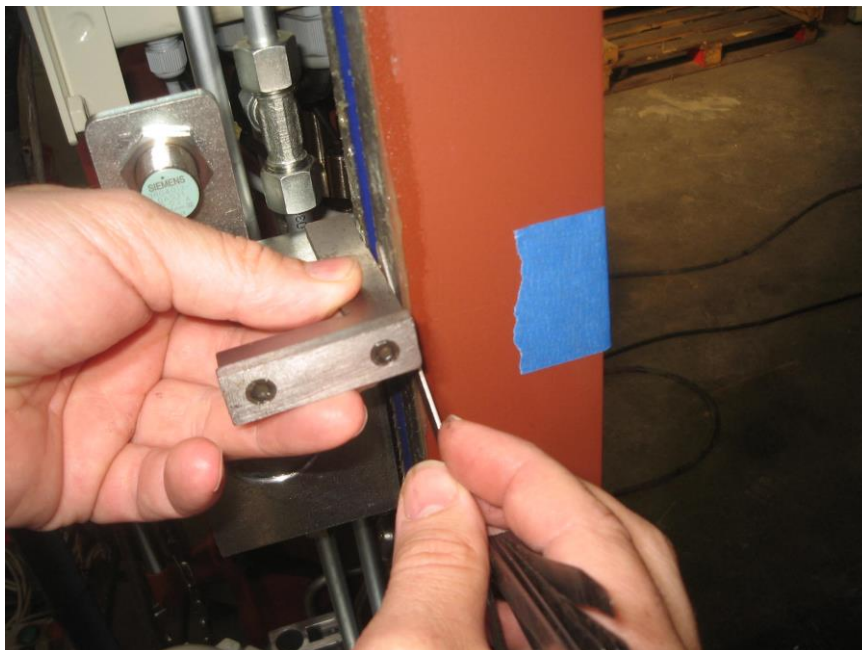
Step 4

Put writable tape on the frame at location of each closing block and on all wedges on top and bottom of the frame.



Step 5

Use feeler gauge to measure the distance from top of seal to frame and write down on the writable tape on the frame.



Step 6

Repeat Step 5 for each closing block



Step 7

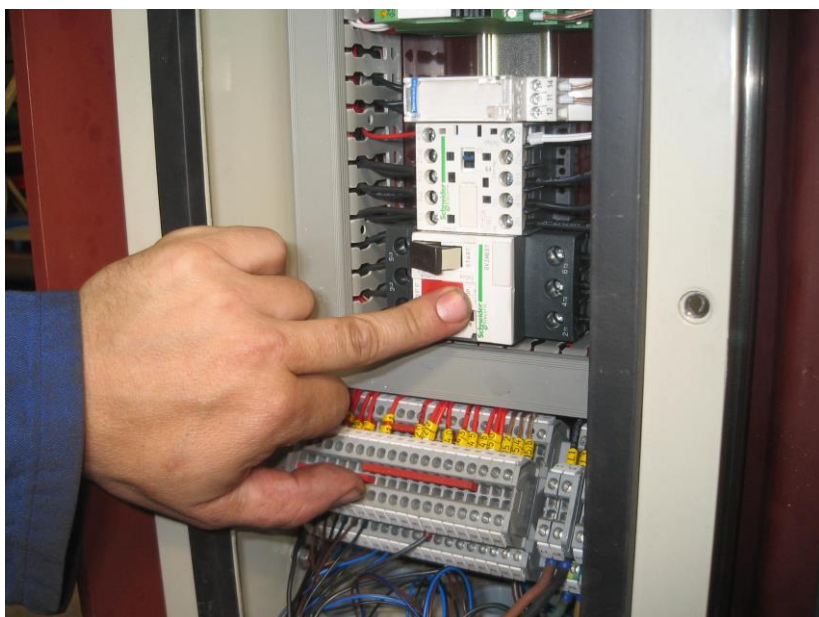
Repeat Step 5 also for the 4 wedges on top and bottom of the rail.



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Step 8

Switch on the motor protection switch and close the door to fully closed position. Switch off again and drain accumulator (if Albatros type door).



Step 9

Release all bolts of the wedges.



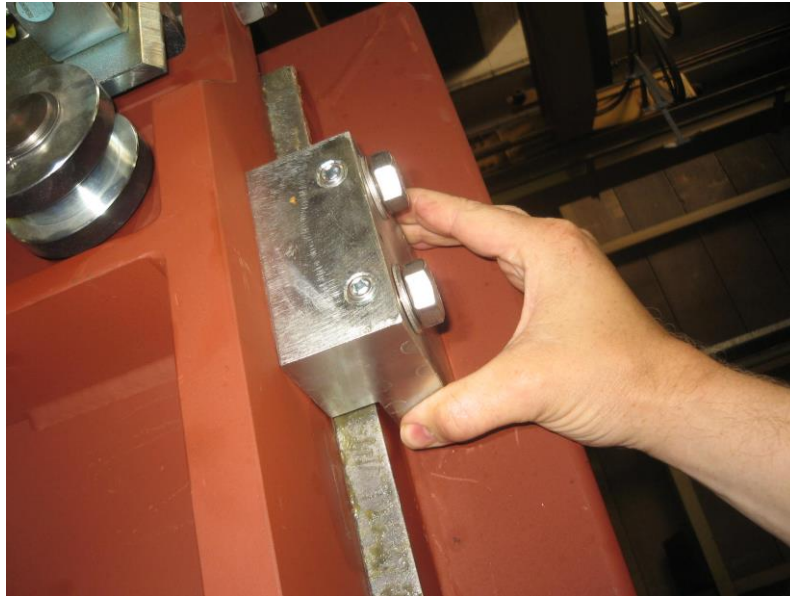
Step 10

Release all bolts from the closing blocks



Step 11

You should be able to move the blocks freely now.



Step 12

Take your feeler gauge.



Step 13

Take the correct feeler gauge: In case you have written down 1.0 mm in Step 5, use feeler gate 0.7 mm.
Since $1.0 - 0.7 = 0.3$ seal imprint.
Adjust the wedges until you feel resistance when you move the feeler gauge up and down between door and seal.
Please check that in this case it will not be possible to stick a 0.8 feeler gauge between frame and door.
A 0.6 feeler gauge will move freely. This grants a seal imprint of 0.3 – 0.4 mm.
Repeat this action for each wedge.



Step 14

Tighten, so the bolt can not move.



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Step 15

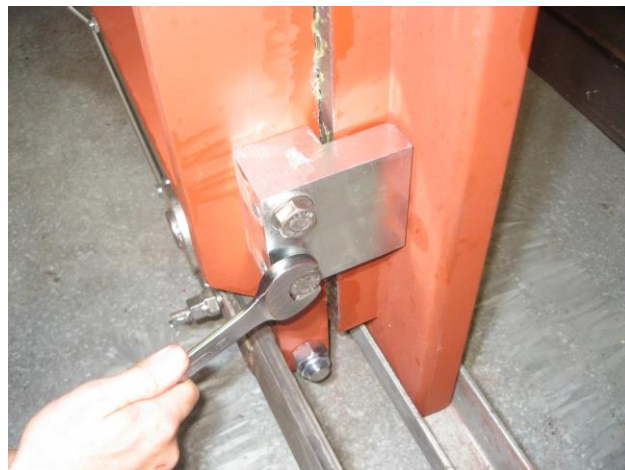
Now you have adjusted the wedges, please start with the adjustment of the closing blocks on the four top/bottom edges of the door. These are already in position due to the fact that they are located close to the wedges. Check the imprint of the seal and tighten firm.

Repeat Step 13 for the blocks and tighten the blocks (Step 14).



Step 16

Tighten the blocks.



Step 17

Repeat Step 15 and 16 for all other closing blocks. Use the order; top right, left bottom and vice versa.



Step 18

Open and close the door several times to check proper function of the door.

