



Doorswitch upgrade, Multisserie.

This instruction describes an improved mounting position for the doorswitches. The switches have to be mounted in a 90° angle with the original situation.

The 90° Bush, shown below, makes this possible in an easy way.

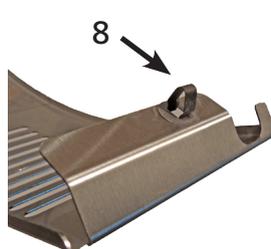
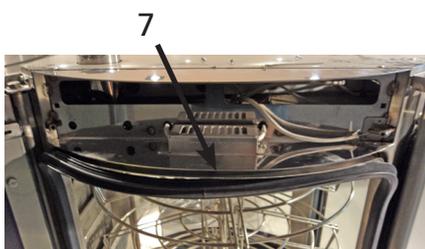
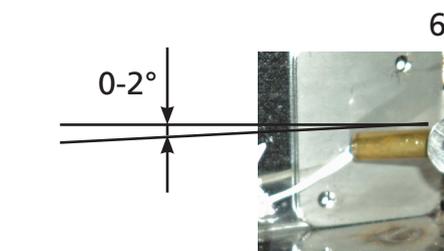
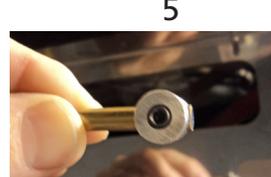
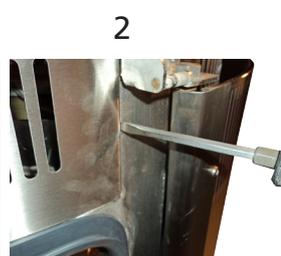


9192347 90° Bush

9191049 set screw M5x5

Description of upgrade.

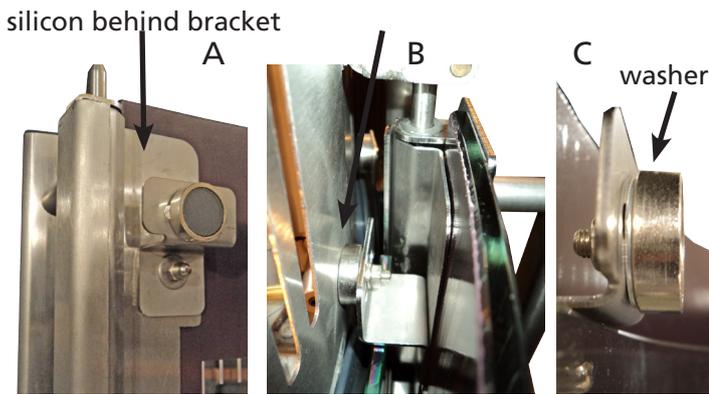
1. Remove three screws at the top.
 2. Remove the curved panel by carefully pulling it forward with help of a flat screwdriver.
 3. Loosen the set screw.
 4. Pull out the reedswitch. (doorswitch)
 5. Mount the reedswitch in the 90° angle bush and fasten with the new delivered set screw.
 6. Mount the assembly as shown .
 7. Pull out the doorgasket at the top.
 8. Mount the curved panel with three screws. See to it that the "snappers" are mounted in the good position
- Repeat this for the other two doors.



Checking and adjusting.

There are two ways to check the door-switch signals.

- 1) Start a program (the rotor will rotate) and see when the rotor stops when opening the door. Also check when the rotor starts rotating when closing the door.
- 2) Open the service menu (4878)=> I/O test => MFMB inputs => x28 x29 Door. The door is open when a "0" is shown. "1" is the door closed signal.



A) Check if the magnet bracket is thoroughly mounted against the door style. Unscrew it if necessary, put silicon behind it and fix it again. The silicon will prevent the bracket from turning.

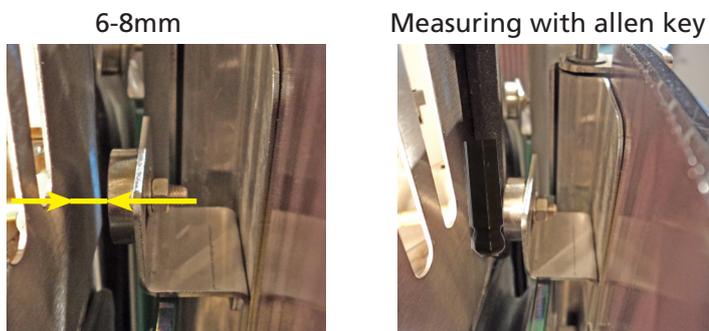
B) When the door is closed, the magnet should lie against the sheet metal plate without force.

C) Adjustments can be made by putting more, or less washers (M5x20) behind the magnet. In case there is no other possibility, the magnet bracket can be bended.

Area where door closed position should be reached.
Latch against the roll. Latch crossing center of roll.



In case the above is ok, the door "closed" position can be expected between the two positions of the latch, shown on the pictures. This is between "latch against the roll" and "latch crossing center of the roll". This is when the normal number of shims (3) is mounted behind the hinge. The distance between the magnet and the sheet metal plate will be between 6mm and 8mm. This can be measured for example with some allen keys of that size. *Note that the reedswitch will react on the presence of metal.*



-  Washer
M5x20
-  Snapper
(turn-in clamp)



Necessary Tools:

- Screwdriver, Philips nr2
- Screwdriver, slotted
- (Combination) spanner 8mm
- Set of metric allen keys.