D147081

Replacing Door Rails

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RRan

Tools and accessories:
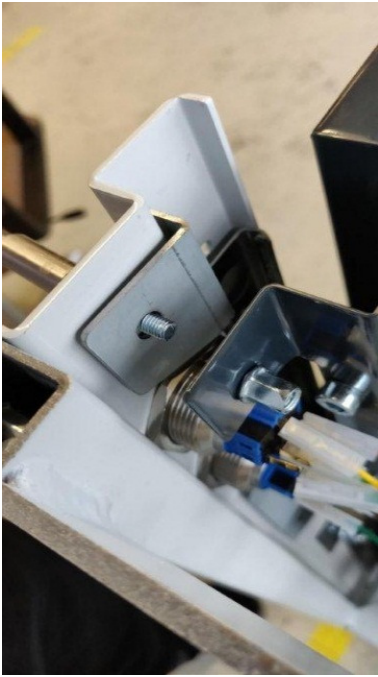

Battery screw screwdriver

¼' extension bar (magnetic)

1/4' tools: T25, T20 and 3mm Hexagon

¼' Wrench tool for bits

10mm wrench

Angular pliers

SCREWS IN OPERATION

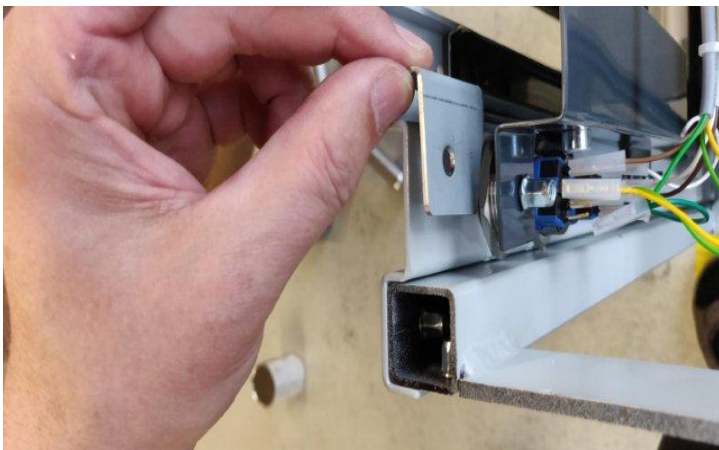|	
T20 M4x4	FOR RAIL TO FRONT SIDE
T20 M4x6 + washer	RAIL TO DOOR
T25 M5x15	Front panel
Flathead screwM6 hex 3mm	GAS SPRING
HOSE SLEEVE 8/6-7MM	GAS SPRING
FLANGE NUT M6	

Loctite 243 or similar.

Rails with rubber sleeves

Switch machine off and disconnect mains cable.

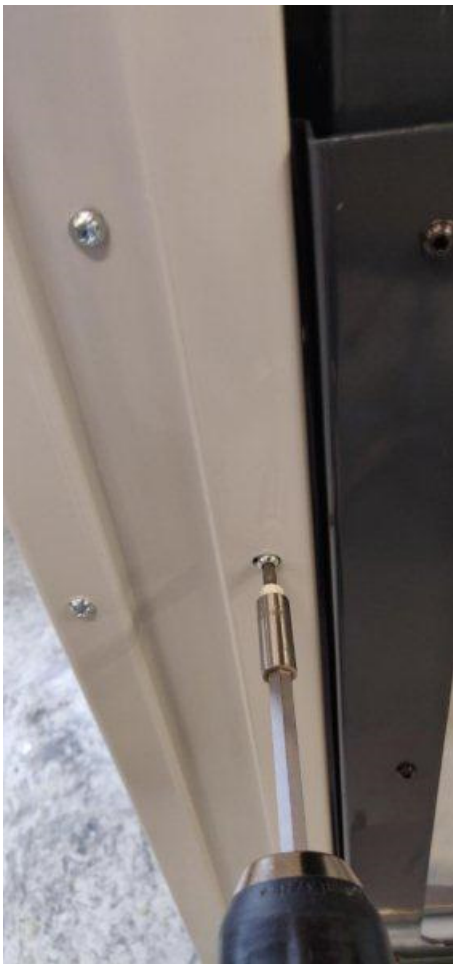Remove upper cover and the right panel (T25)

Release front panel (T25) (and supports if mounted)

Remove supports, if they are assembled. They are not needed anymore

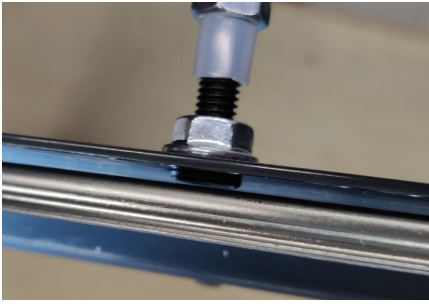Disconnect gas spring upper joint (10mm wrench)
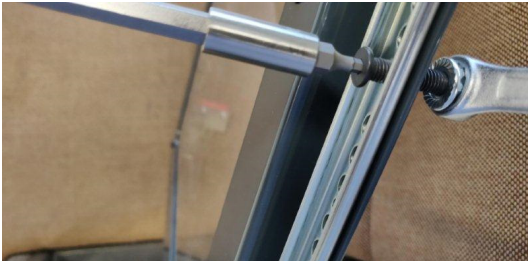
Open rail screws 4pcs (T20)

Push front panel back

Lift the door out of the machine
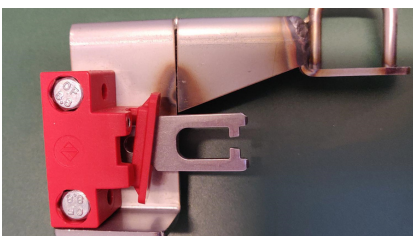
Remove rails from the door (hex 3, 10mm, T20)

Install flathead M6 screw for gas spring under the right rail

Replace rails with new ones.

Install rail holes and thread holes concentrically

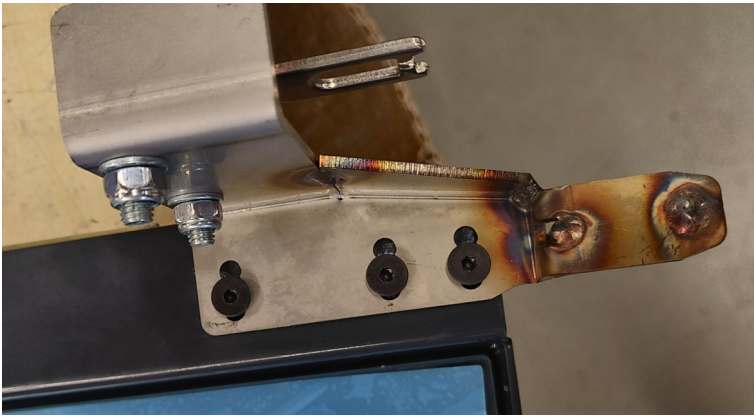use T20 screws with washers and tight crews. Use Loctite 243

Check from the opposite side, that the end of screws doesn't come out from nuts

Replace the latch of the door lock with a new one.

Remove safety switch key from the old latch. Place the upper edge of the key to the same level with the upper edge of door latch.

Fix the latch to the door. There are four holes for the screw. Use the second one from the left as in the photo. Fix and tight screws. Use Loctite 243

Lift the door back to the machine.

Fix T20 screws for rails. **Do not tighten screws yet.**

Close the door to locked position

Check that door latch is properly in side the lock and safety switch key inside the safety switch. Otherwise machine doesn't work properly. Use Loctite 243
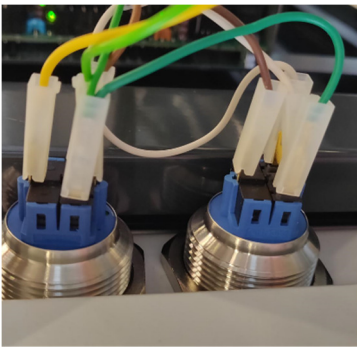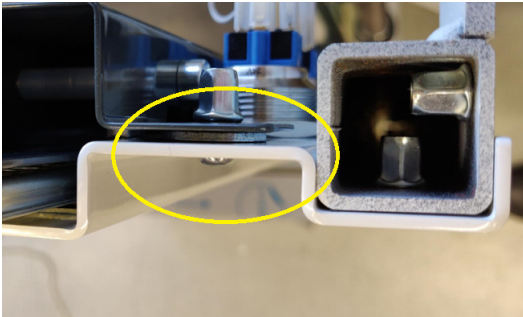

Install gas sprint upper connection. Use plastic hose sleeve and Nyloc nut. Leave nut half a turn open, that gas spring can move a little bit.

Install rail supports and tight front panel.

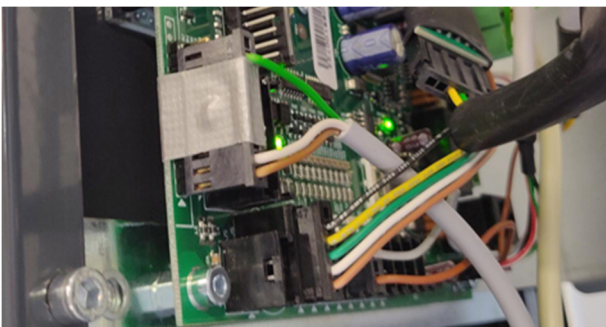Install right side panel and top panel and tight panel screws.

Fix the left & right front panels. Use washers (4 pcs) as it is shown the next picture.
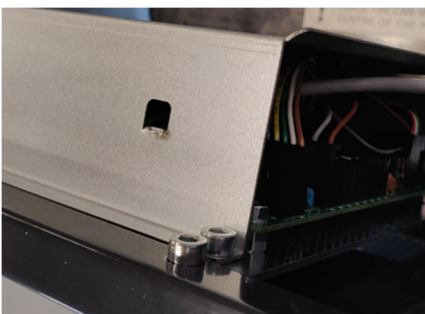

1.

Before installing top cover Check cable connections in the start & Prog. buttons (1.) and in the board (2.). Check the coupling fastened by tape.

Machines which have fold in the board cover (3.), don't need to check.

2.

3.

Put top cover on. Don't fix screws yet.

Tighten the top cover screws.

Tighten the lower screws of both rails. (yellow)

Open door lock, let the door slide up and tighten the upper screws (red).

Check, that door moves softly by moving the door up and down. Adjust rails if needed by loosing upper screws of rails and adjust a little rail location, when the door is lifted to top position

Connect main power cable and switch machine on.

When power is on and machine is ready to shake:

Test the door functioning by closing and opening it a couple of times.

Check functioning of Stop & Prog buttons.

Drive cleaning function.

Drive automatic prog. with canister.

If machine doesn't work, check connections of Start& Prog. buttons and board.

Check safety switch and door lock.