

Viksam door



Installation manual

Thank you for choosing a Viksam door from Hissmekano.

Follow these instructions for easier assembling and safer operation.

1. Before mounting

1.1. Check that all parts are included in the package.

Make sure that the delivered door has correct hanging and length of the rail before you start mounting the door. These Parts should be included in the box:

- Door sections
- Guide rail
- Hanger rail
- Bag 1 Mounting set: Hanger rail
- Bag 2 Mounting set: Hinges for finishing **whole or half profile**
- Bag 3 Mounting set: Contact and lock pin for **right or left** hanging
- *If you have ordered a Motorized Viksam (delivered in a separate package) it should include: mounting angles, motor, idler pulley, screw bag, belt with belt coupling and control unit.*

2. Mounting of the guide rail

2.1. Measure the guide rail and cut it if necessary.

2.2. Create room in the floor for the guide rail, as shown below, *figure 1*:

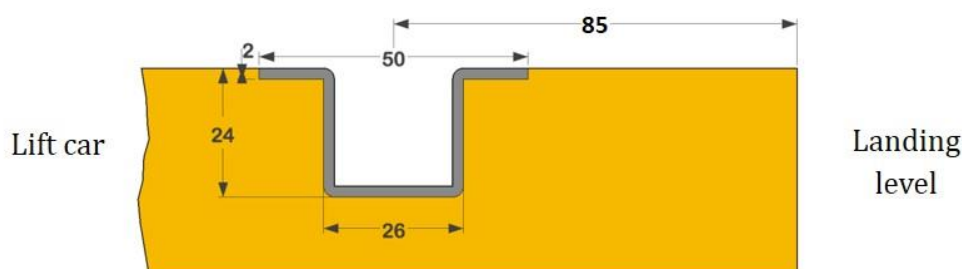


Figure 1 – Location of the guide rail in the car floor

2.3 Secure the rail position by screwing or gluing.

Drill a hole in the car floor (Ø20) according to the pre-prepared drain holes in the guide rail.

3. Mounting of the Hanger rail

3.1. The crucial moment for a successful mounting is adapting the hanger rail:

- in 90 degrees against the pilaster (use a shims if necessary)
- parallel with the guide rail
- mounted with rollers facing the inside of the car.



3.2. The bracket for the hanger rail will be mounted with supplied screw (**bag 1**). – See measures in **figure 3**, on page 2.

3.3. Before attaching the hanger rail to the bracket, insert **all** square nuts into the rail track, with equal amount nuts in both tracks.

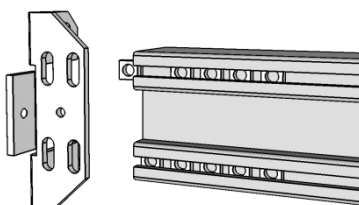


Figure 2 – Square nuts in the hanger rail

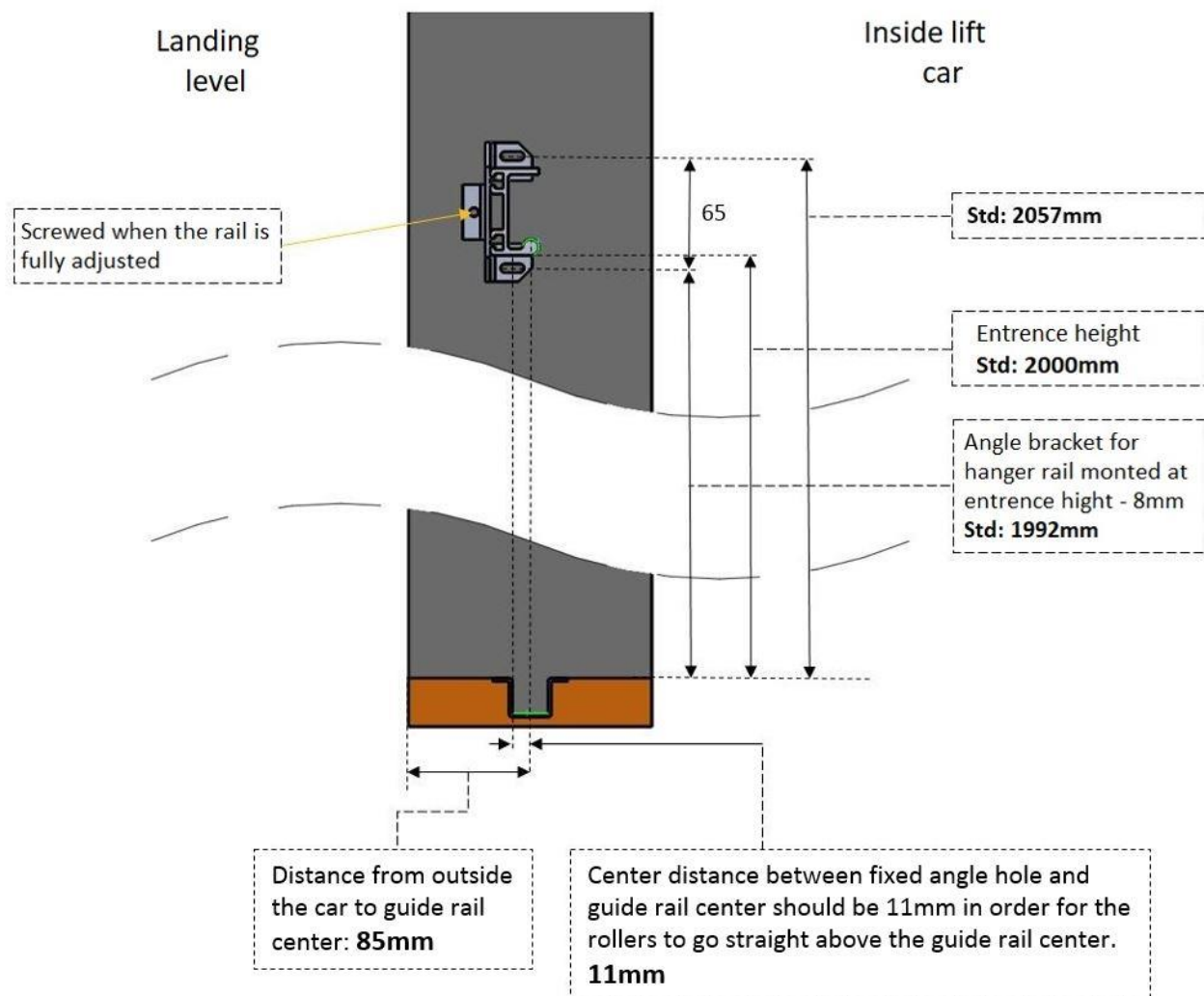


Figure 3 – Dimensions for mounting the hanger rail brackets

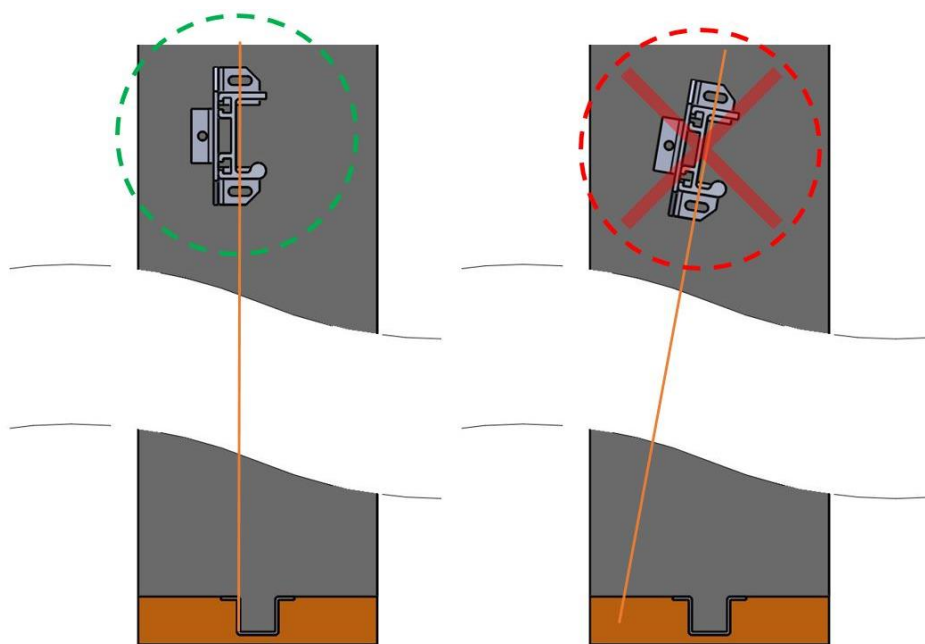


Figure 4 – Positioning of the bracket

4. Hinges – ending with a whole section

4.1. Hang the Viksam door on the adjusted hanger rail.

4.2. Pull out/apart the door sections. Align the lower hinge with the lower cut out on the last door section.

4.3. Mark out and mount the hinge with the supplied screws, so that the section hangs in vertical (center of guide rail). Use shims if necessary.

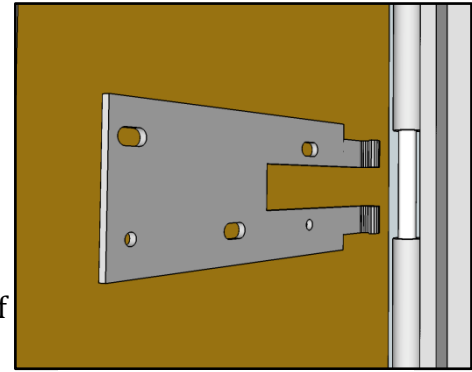


Figure 5 – Hinges before mounting.

4.4. Mount the upper hinge in the same way (4.1-4.3) and use shims if necessary.

Important to make sure that the door section now is adjusted straight, hence against the hanger rail with a 90 degrees angle.

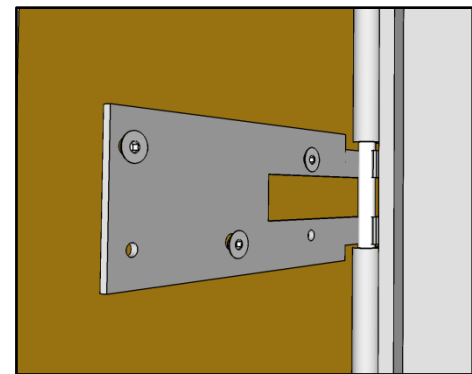


Figure 6 – directions of hinge

4.5. When your section ends with a **whole section**:

Fit the hexagonal bar with the shaft by using the supplied screws in **bag 2**. Mount the hinge in the car door opening.

4.6. Finish by attaching the lock angles to the hinges, both upper and lower.

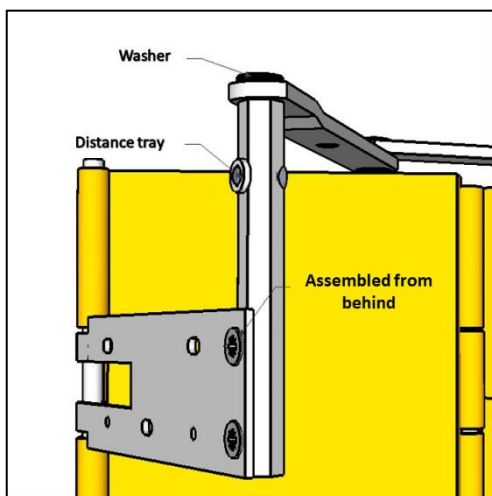


Figure 6 - assembling of hinge pin at the end of the whole profile.

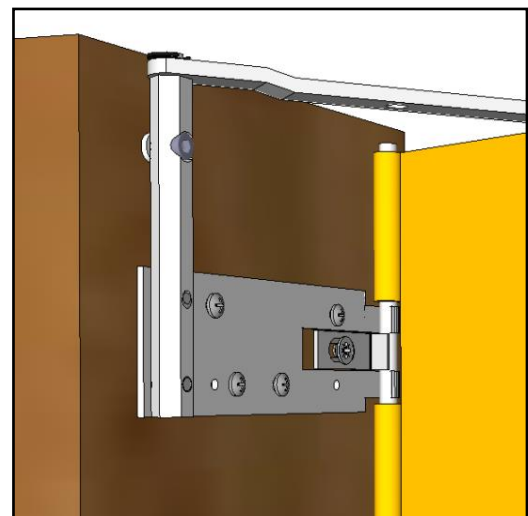


Figure 7 – Mounted hinge at the end of a whole profile.

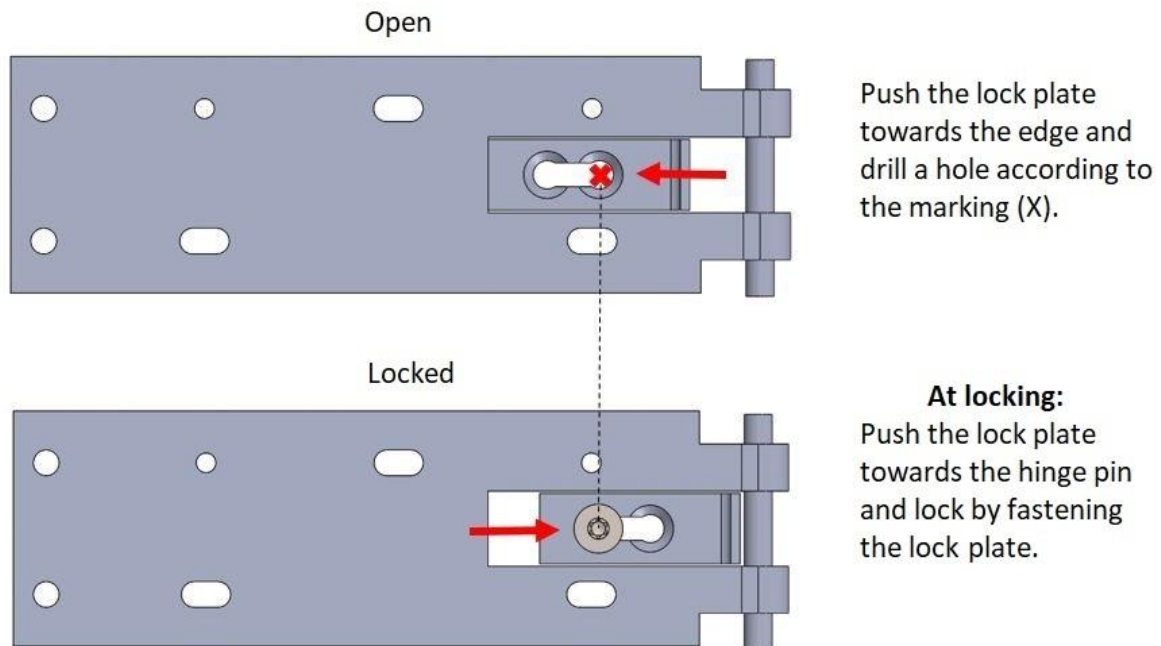


Figure 8 - Mounted hinge with securing plate.

5. Hinges – Ending with a half section

When your door profile ends with a half section, there will not be a hexagon pin. The Scissor linkage will already be mounted in the end of the door section (see figure 9 below).



Figure 9 – Mounted hinge at the end of the half section.

6. Lock pin and door contact

6.1. Mount the lock pin if you have a manually opening Viksam door.

Close the door and adjust the engagement between the locking device and the lock pin to **0,5mm-1mm**, see *Figure 10* below.

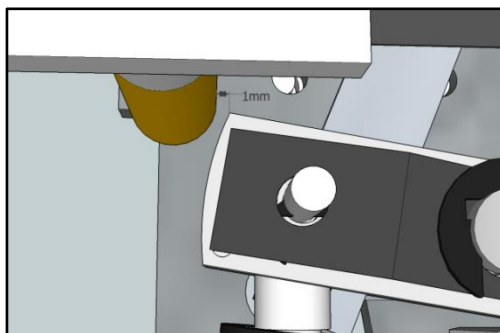
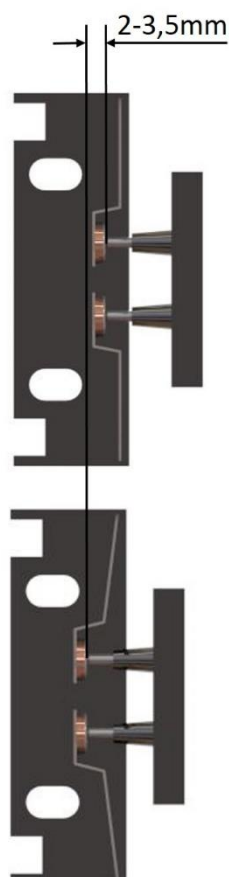


Figure 10 – Adjustment of the lock pin

6.2. Mount the door contact and contact bridge together.

When the door is closed, and the lock pin adjusted as above, the lock contact must be adjusted so that the contact bridge pushes the lock contacts securing plate **2-3,5 mm** and **maximum 3,5 mm**, as shown below in *Figure 11*.



Location of lock contact
and contact bridge,
when the door is closed

Figure 11 – Lock contact and contact bridge

7. Motorized Viksam door

7.1. Mount the motor and idler pulley with corresponding brackets as close as possible to the pilaster. The motor should be placed on the hinge side.

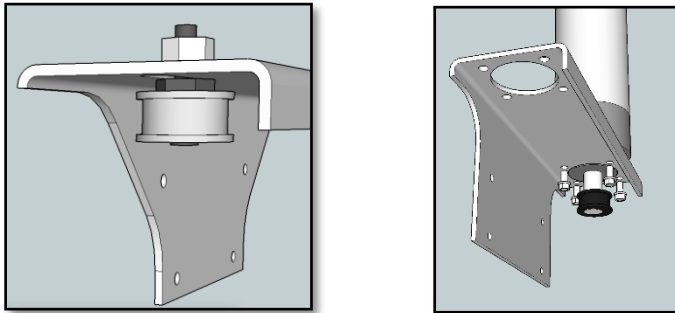


Figure 12 – The picture shows left opening door installation

7.2. Mount the brackets at the backside of the hanger rail. Each angle needs 4x square nuts and 4x hexagonal screws. Adjust the angles to approx. 10 mm ahead from each pilaster. Mount the idler pulley furthest into the track to be able to tension it outwards when the belt has been attached.

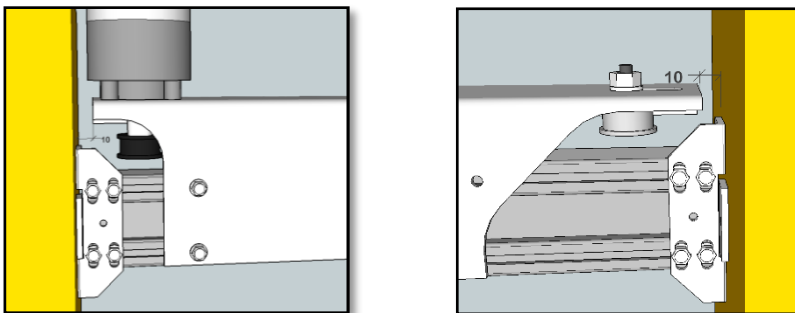


Figure 13 – Angles mounted on the rail with distance to each pilaster.

7.3. Mount the belt around the idler pulley and gearwheel from the motor; connect the belt ends with the belt coupling. Cut the length off the belt if necessary.

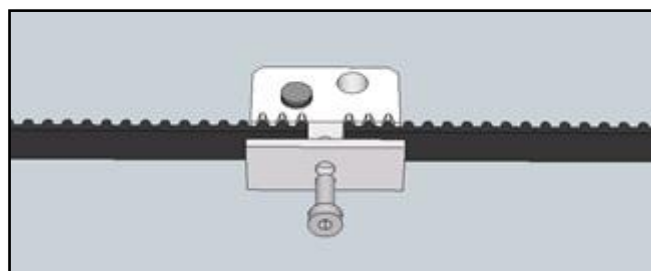


Figure 14 – Belt with belt coupling

7.4. Attach the belt coupling with the belt slider on the double plate.

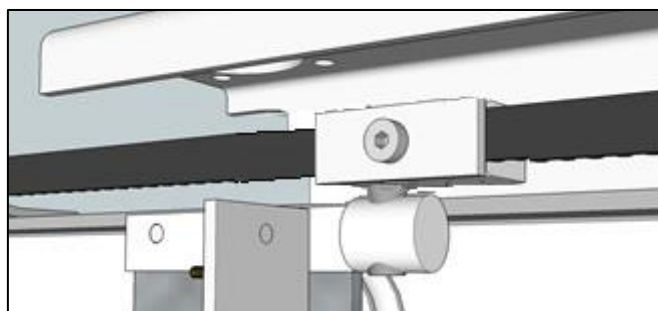


Figure 15 – belt coupling when assembled.

7.5. Adjust the tension of the belt by pushing the angles or idler pulley further against the edge of the pilaster. One way to tension it is by using a chisel with a 3mm thick blade, and bends the tool carefully against the angle and against the idler pulley, so that the idler pulley is pressed against the frame. *See figure 16 below.*

This requires that the angle is correct mounted on the rail and that the idler pulley has some space left in the track.

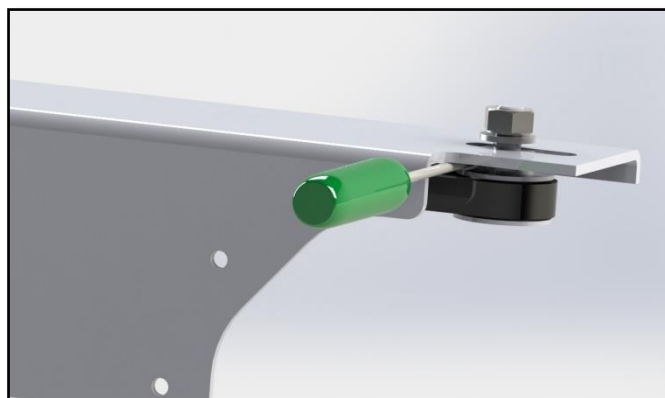


Figure 16 – adjusting the belt tension by using a chisel

7.6. Operate the door according to the manual for motor control.

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