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WORKSHOP

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MESSAGE

PASSENGER CARS

BETTER

WINDOW ELEVATOR

1800

DATE April 1972

PRODUCT

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GROUP

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No.

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Sheet 1 of 3

New window lift, Volvo 1800.

A completely new construction of window elevator is introduced on the 1800 models. This means that the windows can be cranked up and down more easily. The new window lifter is introduced starting with chassis number 38578 for the 1800 E and 544 for the 1800 ES.

In contrast to the previous version of the window lift, which regulates the position of the window via a gear segment, the new one works so that the window crank pulls a cable in which the lift rail is attached. Therefore, the cable is provided with a screw-shaped casing,

Carts with window lifts of older designs can be fitted with the new lift without any major changes.



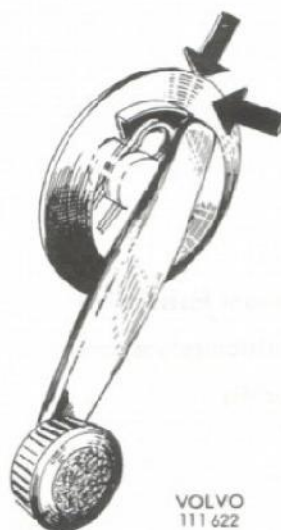
Picture 1. Window lift, earlier version



Picture 2. Window lift, later version

Dismantling of window lifts, later execution

1. Remove the window crank by pushing the decorative plate in against the upholstery and at the same time pushing it against the handle of the crank (picture 3).
2. Release the inner door opener by knocking out the pin with a suitable mandrel.
3. Carefully poke out the plugs in the screw holes of the armrest (see picture 4) and then loosen



Picture 3. Dismantling the lift crank

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the screws completely. Then turn the plastic ring several turns to the left and then move the armrest forward/upward (picture 4), whereby the armrest also comes loose in its front attachment and can be pulled straight outwards.

4. Loosen the door panel by prying carefully with a screwdriver under the edge of the panel. Once the clips have been loosened, the door panel is lifted off upwards.
5. Remove the protective paper on the door.
6. Put on the lift crank and crank the window to such a position that the screws (1 picture 5) for the attachment of the lift rail to the window lift are easily accessible.
7. Loosen the screws (1) and lift up the side window.
8. Remove the chrome plate on the front edge of the door.
9. Loosen the screws that hold the frame to the ventilation pane in the door, three at the top (2 picture 5) and one at the bottom of the lift rail and lift the ventilation pane with ram.co

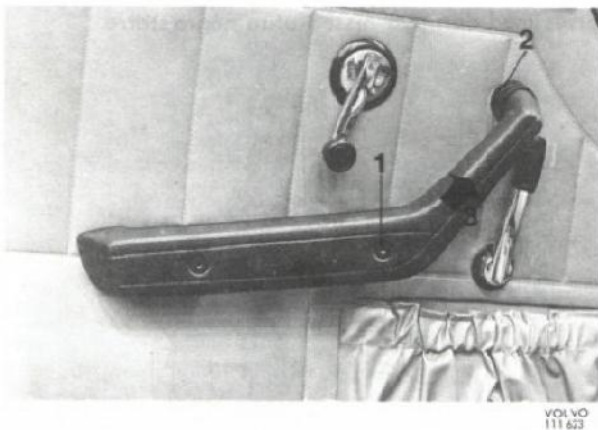
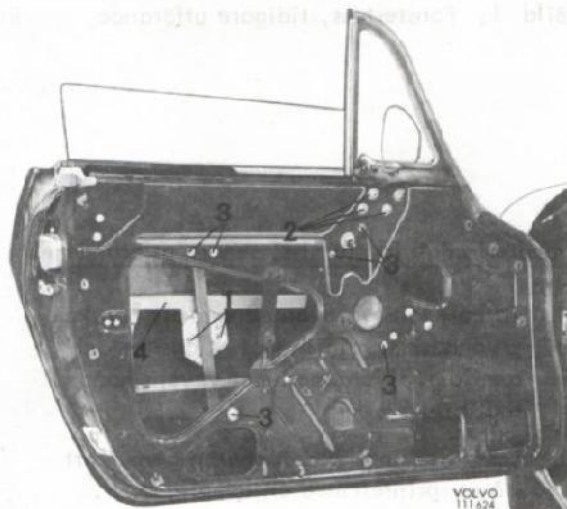


Image 4.

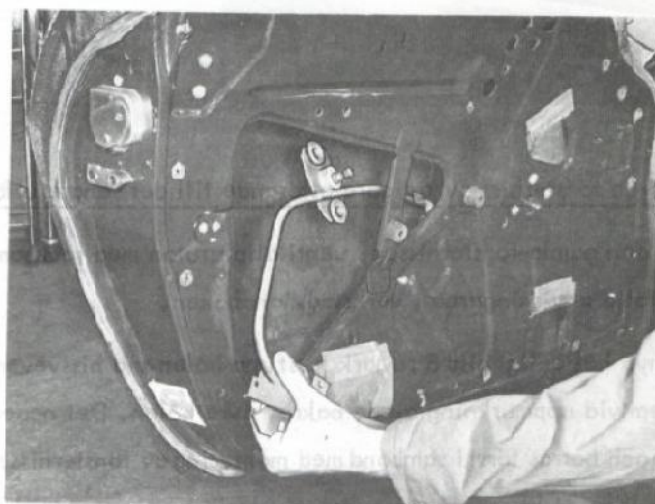
1. Plugs for the armrest screw holes
2. Plastic ring
3. The arrow shows in which direction the armrest is pushed off

Picture 5.

1. Screws for fixing the lift rail
2. Screws for the ventilation frame
3. Screws for window lifter
4. Elevator rail



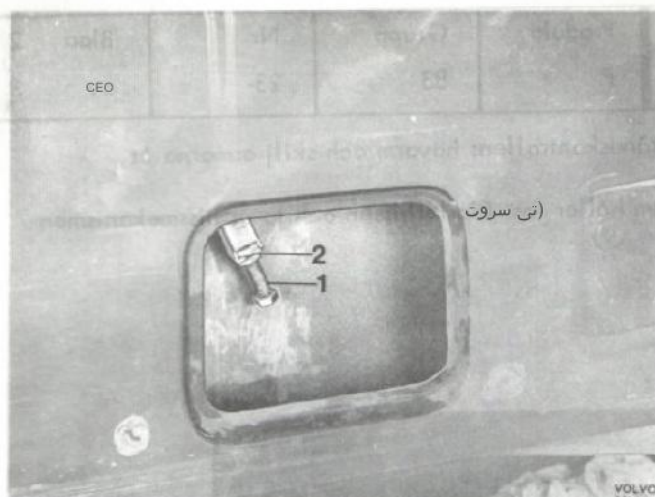
10. Remove the track rider to the distance control lever and separate the arms.
11. Loosen the screws (3 picture 5) that hold the window lift and take out the lift mechanism as picture 6 shows.

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Picture 6. Removing the window winder

Installation of window lift, later execution

1. Insert the lift mechanism into the door and fasten it with the screws (3 picture 5).
2. Assemble the distance control levers and push the track rider.
3. Mount the ventilation window and attach the chrome-plated plate to the front edge of the door.
4. Insert the elevator window into its guide rails and screw the window into the elevator mechanism. In doing so, check that the sealing strips in which the window slides are not damaged.
5. Adjust the window so that it lies flush against the sealing strip in the car body and check that the top position of the window corresponds to the frame's to the ventilation window. This end position is adjusted with the screw (1 picture 7), which is first loosened by loosening the lock nut (2). The end position of the pane is shifted upwards or downwards if the screw (1) is screwed in or outwards.
6. Attach the protective paper and the door panel as well as the armrest, door handle and window lift.



(2 image E) οπισθοεξέλιξη αέτοι

Image 7. gentle mo

1. Adjusting screw

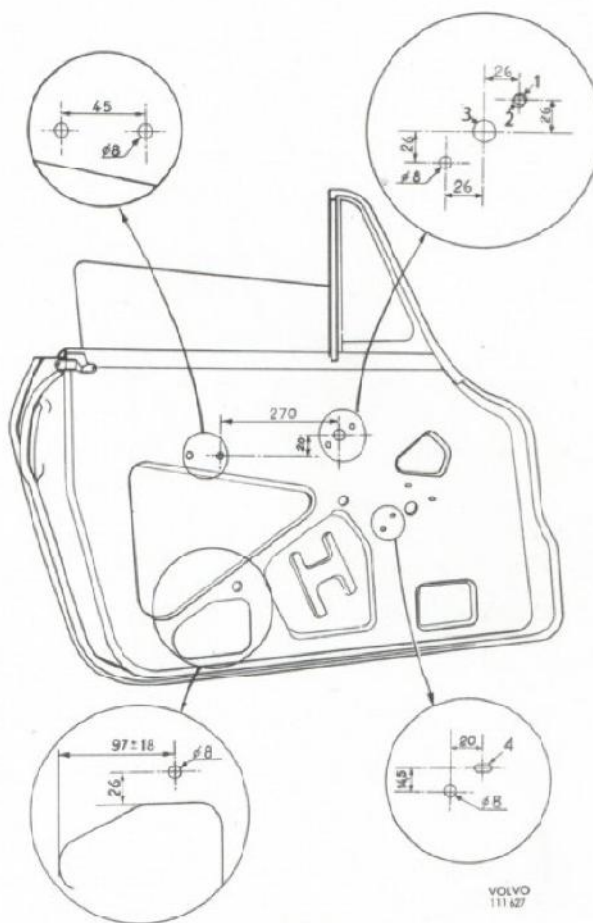
2. Lock nut

Actions when changing from a window lift of an earlier version to the later version:

1. Dismantle the old window lifter, ventilation box with frame and lower stop by following the instructions in the workshop manual.
2. Drill new holes according to picture 8. First mark the holes at the lift crank and then proceed from them when marking the rear, upper holes. The bottom hole must be marked up and drilled first in connection with the installation of the window lifter. The hole is then drilled in the position where the lift can be cranked most easily.
3. Install according to the above instructions, "Installation of window lifter, later version". Before the lift window is inserted, the lift rail must be replaced. See in the workshop manual under "Dismantling and assembly of lift window". Observe what is indicated regarding the placement of the plastic shoe.

Materials required

Number	Detail number	Name
1	1211270-2	Window lift V
1	1211271-0	— " — H
1	1211247-0	Elevator V /
1	1211248-8	— " — H
18	945358-0	Skruv
2	1211472-4	Console plativo anotus tto nel
2	320551-5	Filling bandonatzu coil



Picture 8.

1. This hole is filed up
2. Existing hole for previous execution of window elevator
3. Hole for elevator crank
4. Existing hole for door opener