

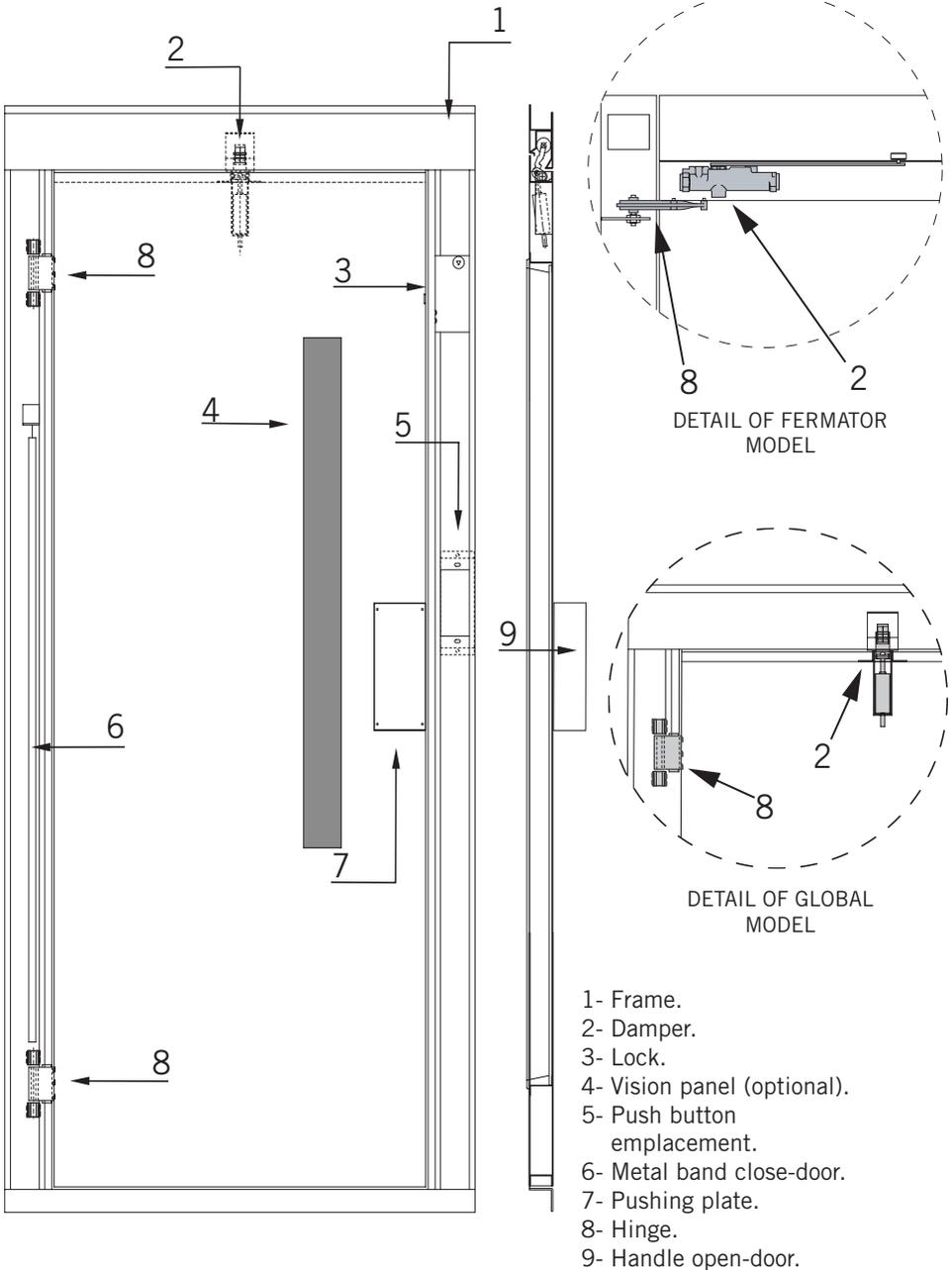
Fermator

AUTOMATIC DOORS FOR LIFTS

ASSEMBLING AND ADJUSTMENT INSTRUCTIONS FOR SEMIAUTOMATIC DOORS



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To fix the door properly to the building site you should:

- 1° Check the vertical and horizontal level as well as the diagonals of the panel and frame set.
- 2° Fix the small tongues as shown in figure 1.

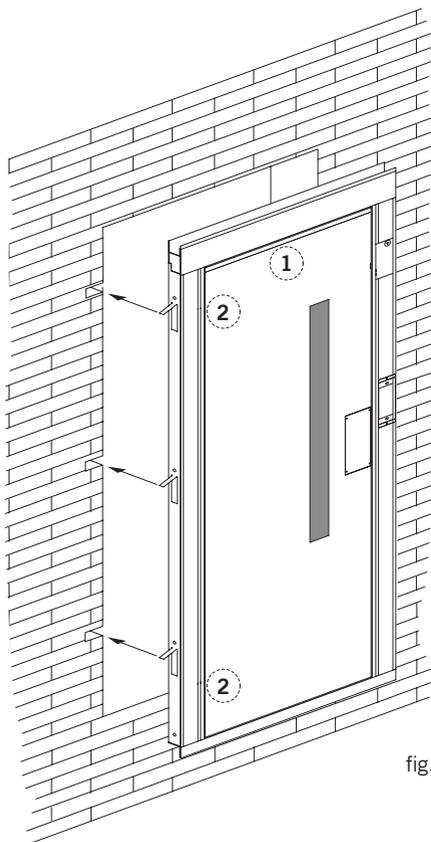


fig. 1

- 1 - Closing device depending on the model.
- 2 - Hinge depending on the model.

ASSEMBLING OF THE OPEN-DOOR HANDLE AND PUSHING PLATE

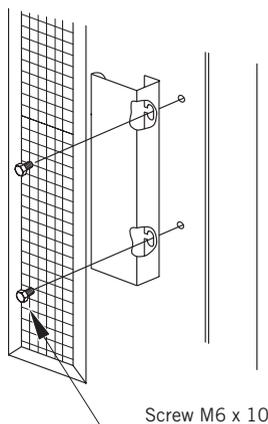


fig. 1

For assembling the open-door handle and pushing plate, we should proceed as shown in figure 1 and 2.

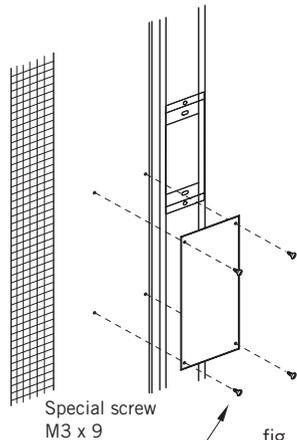
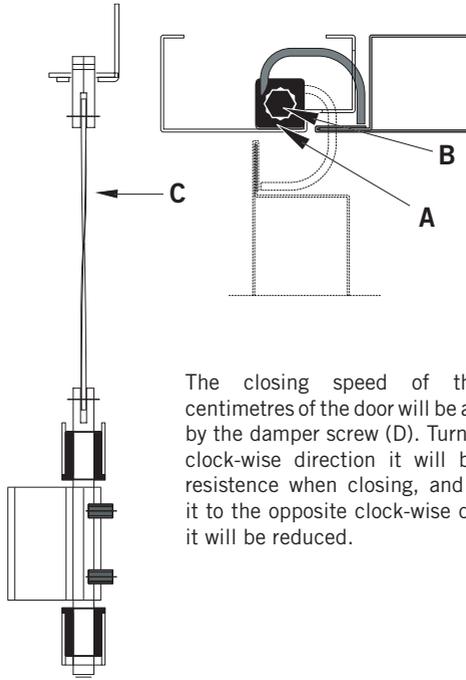


fig. 2

For a correct closing of the door, we should adjust the pressure of the close-door spring (C), with the help of the hexagonal axle (B).

- 1° Dismantle the metal part in a star form (A) which obstructs the hexagonal axle.
- 2° Turn the axle a quarter turn clock-wise direction to be able to tigher the metal band. To be able to slacken it do the same in the opposite way.
- 3° Place the metal sheet (A) for blocking the axle again.

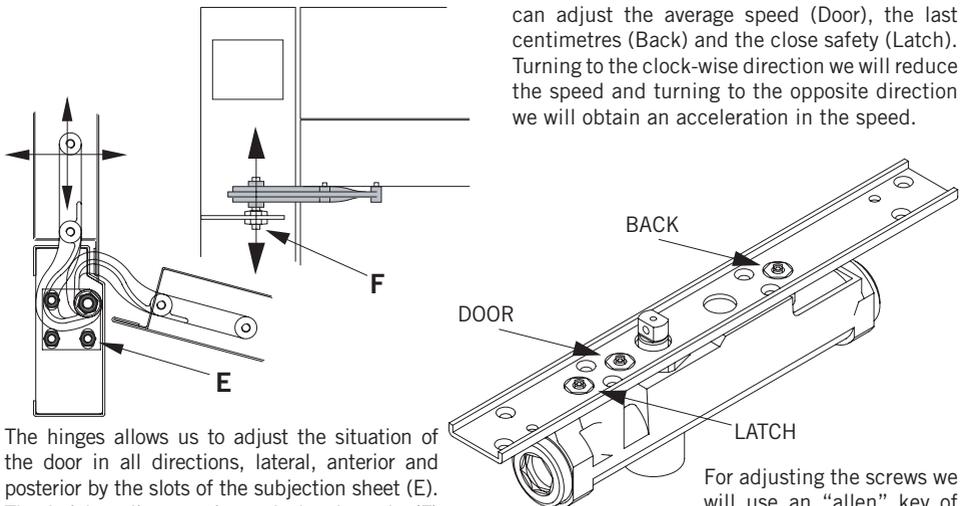


The closing speed of the last centimetres of the door will be adjusted by the damper screw (D). Turning it to clock-wise direction it will be more resistance when closing, and turning it to the opposite clock-wise direction it will be reduced.

! The correct adjustment is possible when the door is totally closed, softly and without banging.

**CLOSING
ADJUSTMENT OF "FERMATOR"**

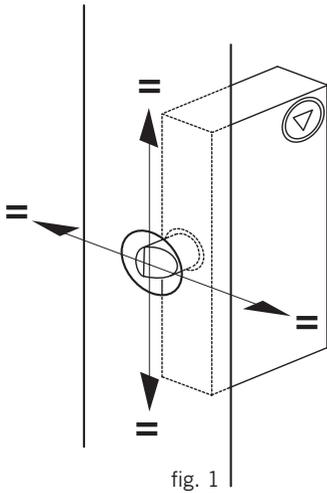
The closing of Fermator door model is adjusted by the damper. By three "allen" screws we can adjust the average speed (Door), the last centimetres (Back) and the close safety (Latch). Turning to the clock-wise direction we will reduce the speed and turning to the opposite direction we will obtain an acceleration in the speed.



The hinges allows us to adjust the situation of the door in all directions, lateral, anterior and posterior by the slots of the subjection sheet (E). The height adjustment is made by the axle (F) with a 6mm. "allen" key.

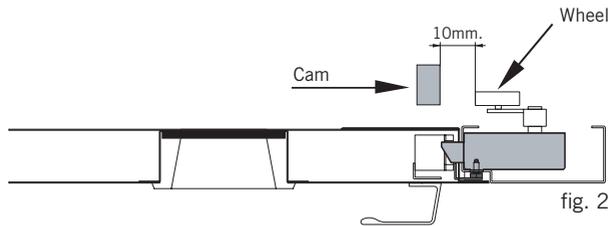
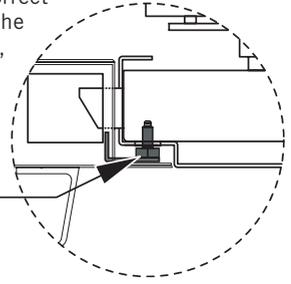
For adjusting the screws we will use an "allen" key of 3/32" or 2'5mm.

Check that the piston is properly centred in the upper / lower sense and also lateral (fig. 1).



Check the correct function of the electrical contact, it should enter centered and with a correct connection.

Electrical contact



The correct distance between the wheel and the cam is 10mm. as shown in figure 2.

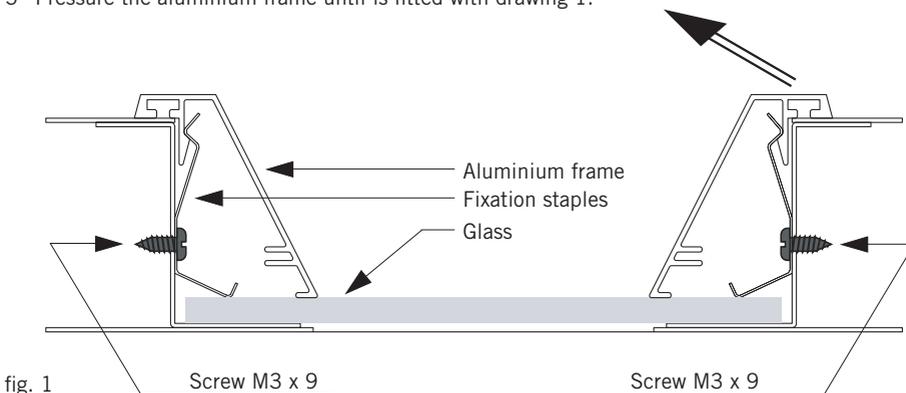
ACCESSORIES AND OPTIONS

GLASS SUBSTITUTION

VISION PANEL

For a glass substitution please:

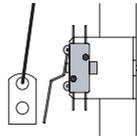
- 1° Dissamble the aluminium frame with making some pressure from the laterals as shown the double arrow.
- 2° Take off the subjection staples to be able to take out the glass.
- 3° Change the glass.
- 4° Place the staples to make sure the glassis properly fixed.
- 5° Pressure the aluminium frame until is fitted with drawing 1.



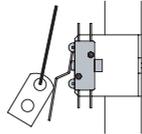
BISTABLE MICROSWITCH

The Bistable microswitch is activated by a triangular key that unlocks the lock. After every use of the triangular key must follow a manual rearm of the electrical contact.

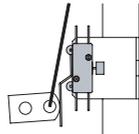
Diferent steps of bistable microswitch:



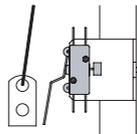
1° Rest position.



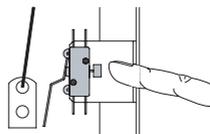
2° Beginning of the operation.



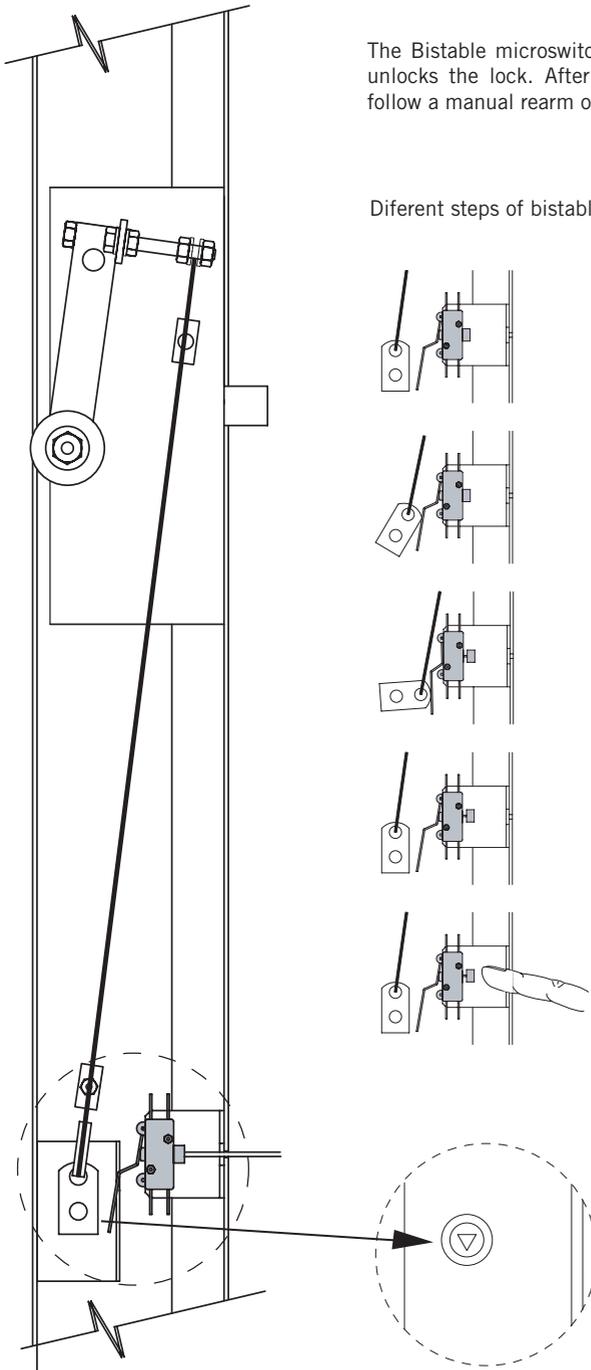
3° Micro operation.



4° Return to rest position.



5° Manual rearm.



Opposite detail of triangular key.

ATTENTION: Any type of modification not reflexed in this manual, before testing it should be notified to our Technical Department.

TECNOLAMA declines all responsibility in the case of damages produced in the operator and installation, if the instructions given have not been followed.

TECNOLAMA reserves the rights to modify the products specifications of this technical brochure without any previous advise.

Declaration of conformity

Tecnolama, S.A.
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Herewith declares that the products mentioned below conform with the following E.U. council directives:



E.U. council directive 95/16/EC, Norms EN81.1/2000 and EN81.2/2000:

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Tecnolama S.A., 2005

A handwritten signature in black ink, appearing to be 'Josep Vilà Gomis', written over a horizontal line.

Josep Vilà Gomis
Administrator

(tecnolama