

EVACUATION PROCESS

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The Emergency evacuation system consists of manual release mechanism in the machine, the brake cable and the wall mounted brake release lever.

EMERGENCY EVACUATION SYSTEM

In case of power failure (without UPS) or breakdown of lift with people trapped between floors, the emergency evacuation of people is necessitated. During such emergency evacuation, the brake release lever fixed on the wall is engaged / pulled and the tension is transmitted via cable to the manual brake release mechanism on the machine. The force applied by pulling the brake release lever is used to overcome the tension of springs inside the brake system in the machine. Thus the brake is released mechanically.



MANUAL BRAKE
RELEASE MECHANISM



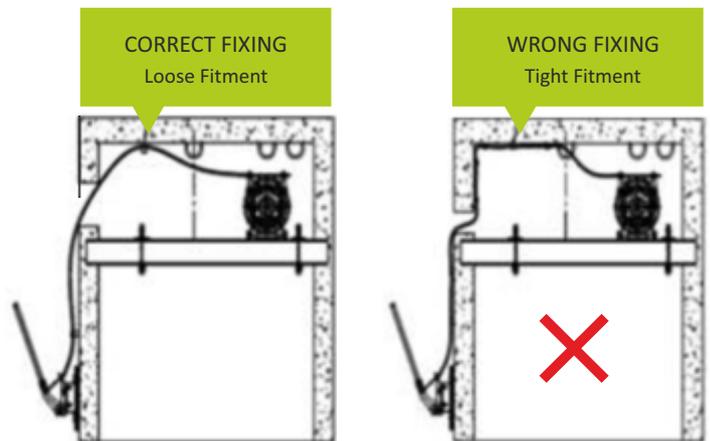
Brake Lever
Brake Cable

MANUAL RELEASE
CABLE FIXING
ON WALL

PURPOSE OF BRAKE CABLE

The brake cable connects brake lever mounted on the wall and the machine brake release mechanism on the machine.

BRAKE CABLE FIXING METHOD.



The Brake cable must be loosely clamped to wall and should be free to move. When manual release lever is pulled, then tension is transmitted via cable and machine brake is released.

X Clamping the cable tightly against the wall and restricting its movement will result in brake not releasing properly. Sharp bending around the corner is to be prevented.

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