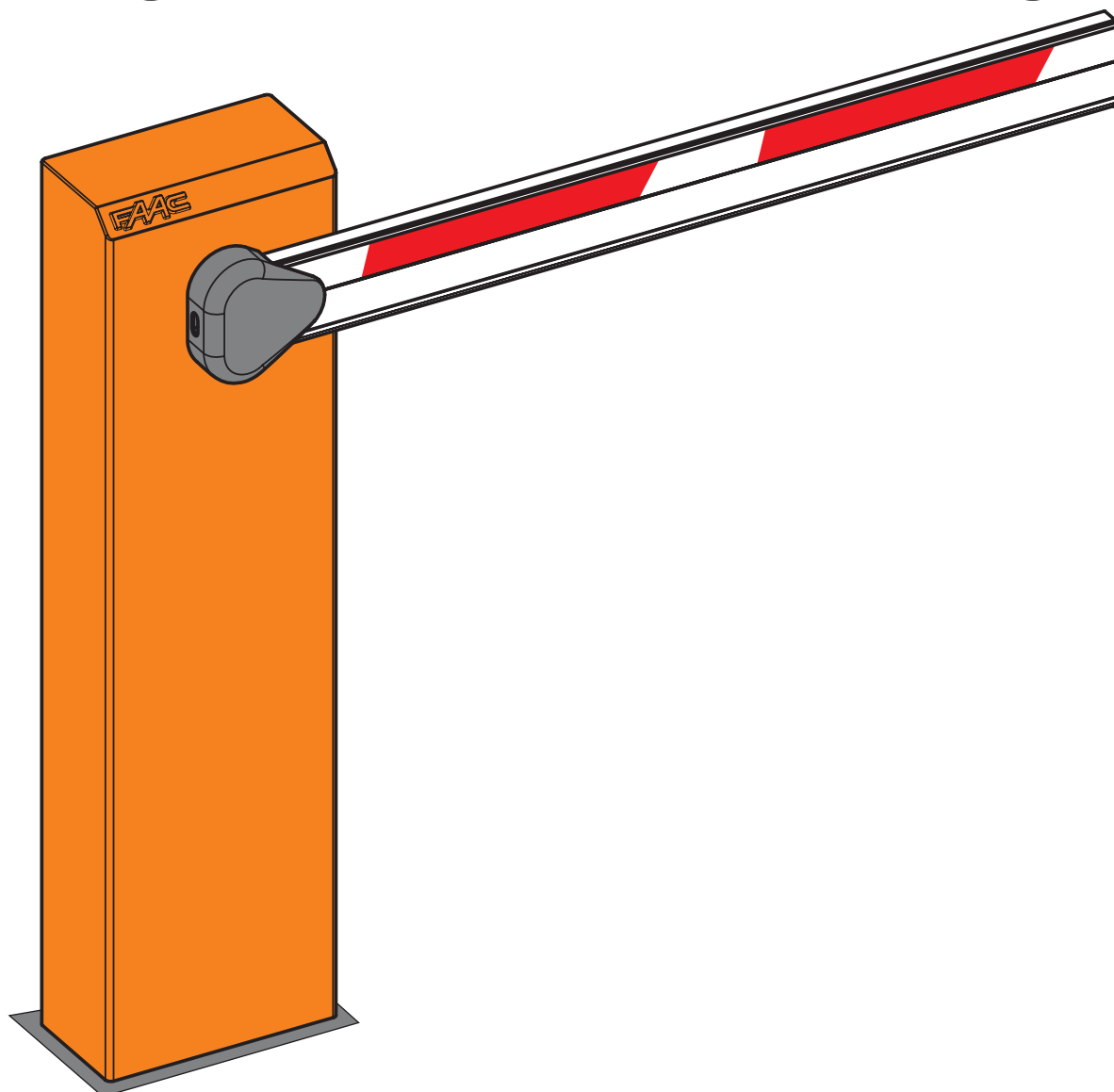


615

Guida per l'utente - User's guide
Instructions pour l'utilisateur - Guía para el usuario
Anweisungen für den Benutzer - Gebruikersgids



FAAC

USER'S OPERATING MANUAL

615BPR AUTOMATED SYSTEM

GENERAL SAFETY REGULATIONS

If correctly installed and used, the 615BPR automatic system ensures a high degree of safety.

Some simple rules on behaviour can prevent accidental trouble:

- Do not pass under the beam when it is moving. Wait for the beam to open fully before passing under it.
- Do not, on any account, stay under the beam.
- Do not stay near the automatic system, and do not allow children, persons or things to do so, especially when it is operating.
- Keep radio controls or other pulse generators away from children, to prevent the automatic system from being activated involuntarily.
- Do not allow children to play with the automatic system.
- Do not willingly obstruct beam movement.
- Prevent any branches or shrubs from interfering with beam movement.
- Keep indicator-lights efficient and easy to see.
- Do not attempt to activate the beam by hand unless you have released it.
- In the event of malfunctions, release the beam to allow access and wait for qualified technical personnel to do the necessary work.
- When you have set manual operation mode, cut power to the system before restoring normal operation.
- Do not in any way modify the components of the automation system.
- Do not attempt any kind of repair of direct action whatever and contact qualified personnel only.
- At least every six months: arrange for qualified personnel to check the automatic system, safety devices and earth connection.

DESCRIPTION

The 615BPR automatic system is an ideal barrier for controlling vehicle access areas up to 5 m in width and of medium transit frequency.

The hood contains a hydraulic pump unit, a double-acting cylinder, and the beam balancing spring.

The beam consists of an aluminium profile with red reflex reflectors so it can easily be seen even in the dark.

Barrier operation is controlled by a electronic control unit housed in an enclosure with adequate degree of protection against atmospheric agents, and which can be housed inside the hood.

The beam is normally closed in horizontal position.

When the electronic control unit receives an opening command via the radio control or any other pulse generator, it activates the hydraulic equipment which rotates the beam through 90° until it reaches the vertical position allowing access. If automatic mode was set, the beam closes automatically after selected pause time has elapsed.

If the semi-automatic mode was set, a second pulse must be sent to close the beam.

An opening pulse given during re-closing always reverses

movement.

A stop pulse (if supplied) always stops movement.

For details on barrier behaviour in different function logics, consult the installation Technician.

The automatic systems include safety devices (photocells) that prevent the beam from re-closing when there is an obstacle in the area they protect.

The 615BPR automatic system is supplied (as a standard item) with an anti-crushing protection safety devices which limits the torque transmitted to the beam.

The hydraulic system guarantees the beam is stopped in any position.

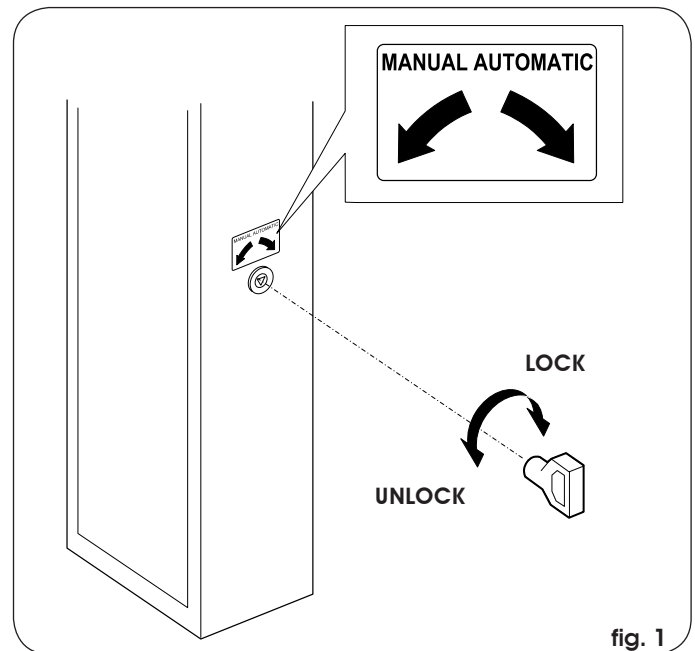
Manual opening is, therefore, only possible by using the release system.

The (flashing) indicator-light indicates that the beam is moving.

MANUAL OPERATION

If the barrier has to be moved manually due to a power cut or fault of the automatic system, use the release device as follows:

The supplied key is triangular.



- Fit the triangular key (Fig.1) in the lock and turn it **anti-clockwise** through 1 turn.

- Open and close the barrier manually.

RESTORING NORMAL OPERATION MODE

To prevent an involuntary pulse from activating the barrier during the manoeuvre, before restoring normal operation, switch off power to the system, and turn the triangular key **clockwise** until it stops, and then remove it.

MAINTENANCE REGISTER

System data

<i>Installer</i>	
<i>Customer</i>	
<i>Type of system</i>	
<i>Serial No.</i>	
<i>Installation date</i>	
<i>Start-up</i>	

System configuration

PART	MODEL	SERIAL NUMBER
Operator		
Safety device 1		
Safety device 2		
Pair of photocells 1		
Pair of photocells 2		
Control device 1		
Control device 2		
Radio control		
Flashing lamp		

Indication of residual risks and of foreseeable improper use

No.	Date	Job description	Signatures
1			Technician Customer
2			Technician Customer
3			Technician Customer
4			Technician Customer
5			Technician Customer
6			Technician Customer
7			Technician Customer
8			Technician Customer
9			Technician Customer
10			Technician Customer

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