



## GATE INFORMATION PACK

**FAAC**  
*Simply automatic.*

Customer	
Project Number:	
Gate Model:	
Dimensions and Weight:	
Serial Number:	
Site Address:	

## Components Installed

Motor/Drive unit and Serial Numbers:	
Electronic Panel:	
Photocells:	
Safety Devices:	
Control Devices:	
Radio Devices:	
Flashing light:	
Other Components:	

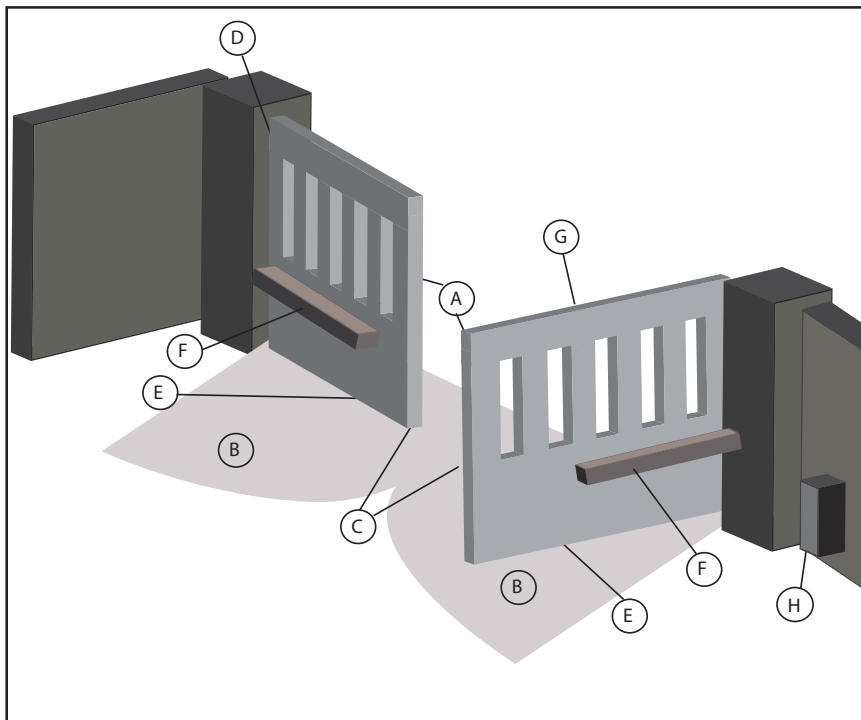
☐ **Semi - automatic** - The gates will open fully from a single pulse from a radio or other activation device and will require another pulse to close after the vehicle has passed through the gate.

☐ **Automatic** - The gates will open fully from a single pulse from a radio or other activation device and will then close again after a timed period.

When correctly installed and used the automation system ensures a high degree of safety. A few simple rules should be followed to prevent accidental problems:

- Do not pass between the leaves when they are still moving
- Do not linger between the leaves
- Do not linger near the automation system; do not allow children or adults to linger near it; and do not leave objects near it
- Keep wireless control devices, or other devices that might accidentally activate the automation system, out of the reach of children
- Do not allow children to play with the automated system
- Do not impede the movement of the leaves
- Do not allow branches or bushes to interfere with the movement of the leaves
- Do not attempt to repair the automation system or to perform any adjustments on it. This should be undertaken by qualified technicians only.
- At least every 6 months, have a qualified person check that the automation system, safety devices and earth connection are in good working order.

# Potential Hazard Areas with Automated Swing Gate Systems



- A. Impact and crushing on main closing edge
- B. Impact and crushing in area of opening
- C. Impact in the area of closure
- D. Dragging/trapping of hands in hinge area
- E. Dragging of feet on lower edge of gate
- F. Dragging of hands on drive unit
- G. Dragging, hooking and cutting due to the shaping of the gate leaf.
- H. Risk of electric shock



## Hazards specific to your Gate System



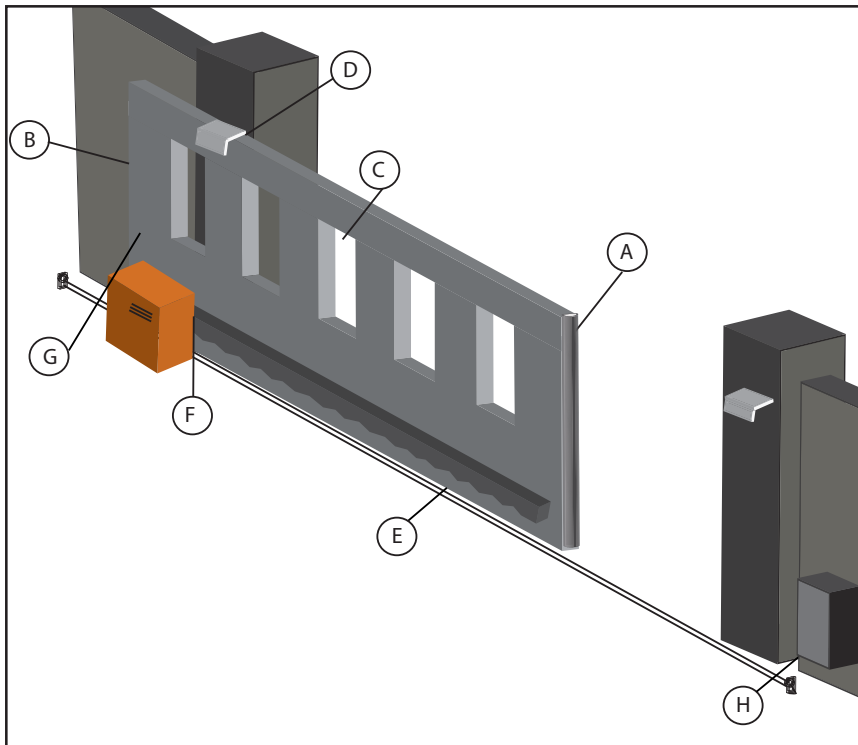
I can confirm there are no additional unprotected hazards

Engineers Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Potential Hazard Areas with Automated Gate Systems



- A. Impact and crushing on main closing edge
- B. Impact and crushing in area of opening
- C. Shearing during the opening movement
- D. Dragging/trapping of hands in hinge area
- E. Dragging of feet on lower edge of gate
- F. Dragging of hands on drive unit
- G. Dragging, hooking and cutting due to the shaping of the gate leaf
- H. Risk of electric shock



## Hazards specific to your Gate System



I can confirm there are no additional unprotected hazards

Engineers Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Swing On Gate Manual Releases

**FAAC**

If the gate has to be manually operated for any reason, use the release device as follows:

(Tick where appropriate).



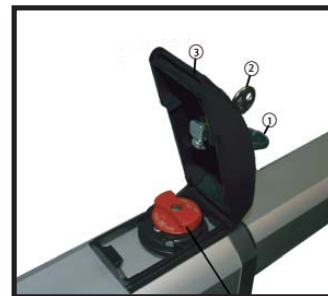
## 390

- Fit the supplied Allen key and turn it a half turn until it stops.
- Open and close the gate manually



## 391

- Lift the protective plug from the lock
- Fit key and turn it clockwise until it stops
- Turn the release knob clockwise until it stops
- Open and close the gate manually



## 400, 422 & S450

- Lift the protective plug (1) and fit the supplied key (2)
- Turn the key 90° clockwise to open the cover
- Lift up the cover (3)
- Turn the release knob anti-clockwise for about two turns (4)
- Open or close the gate manually



## 402

- Insert triangular key on the release screw
- Located in the lower part of the flange.
- Turn the release key anti-clockwise for about 2 turns
- Open or close the gate manually



## 413 & 415

- Slide the protective cap
- Insert the key and turn it 90°
- To release the operator turn 180° in the direction indicated by the arrow on the release system
- Open and close gate manually



## 412

- Remove plug and insert the special release key
- Turn key in the direction of the leaf closing
- Open or close the gate manually



## S418

- Fit the supplied Allen key and turn it 90°
- Open and close the gate manually

## Maintenance Requirements

Every 6 months the following maintenance should be undertaken by a competent person:

- Review the risk assessment for the system and update if necessary
- Check the structure of the gate
- Make sure the hinges are in good working order
- Lubricate the drive mechanism as per the operator instructions
- Check the function of the manual release
- Check the correct functioning of all safety devices
- Test the setting and function of the anti-crush system

**For safety reasons, cut power to the system before manual releasing and before re-engaging.**

# Underground Swing Gate Manual Releases

FAAC



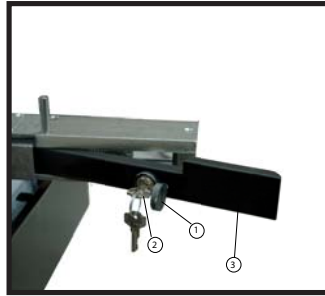
## 750

- To free the gate use the release lever, moving it anti-clockwise to unlock the gate.
- Open and close the gate manually



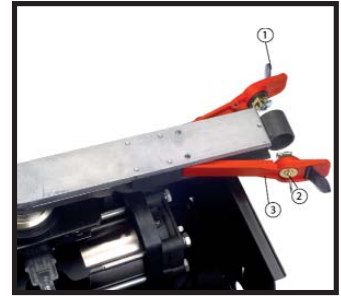
## S800

- Open lid of lock,
- Insert key
- Turn release lock anti-clockwise for around one turn



## 770

- Open the lid of the lock (1)
- Insert key (2)
- Turn the key in the direction of the post, as far as it will go
- Pull the lever out (3)
- Open and close the gate manually



## S700/S800

### Lever Release

- The manual release mechanism is an optional item
- Lift protective cover (1)
- Insert key (2) and turn anti-clockwise
- Pull lever out (3)
- Open and close the gate manually

## Maintenance Requirements

Every 6 months the following maintenance should be undertaken by a competent person:

- Review the risk assessment for the system and update if necessary
- Check the structure of the gate
- Make sure the hinges are in good working order
- Lubricate the drive mechanism as per the operator instructions
- Check there is adequate drainage in the foundation box
- Check the function of the manual release
- Check the correct functioning of all safety devices
- Test the setting and function of the anti-crush system

**For safety reasons, cut power to the system  
before manual releasing and before re-engaging.**

# Sliding Gate Manual releases

**FAAC**



## **740-741**

- Insert the key provided and turn it clockwise
- Turn release system clockwise, until the mechanical stop is reached
- Open and close the gate manually
- After re-engaging the manual release pull on the gate until the drive engages.



## **746 & 844**

- Open the lock cover and insert the key supplied in the lock
- Turn the key clockwise and pull out the release lever as shown
- Open and close the gate manually
- After re-engaging the manual release, pull on the gate until the drive engages



## **C720 & C721**

- Open the lock cover and insert the key supplied in the lock
- Turn the key clockwise and pull out the release lever as shown
- Open and close the gate manually

## **Maintenance Requirements**

Every 6 months the following maintenance should be undertaken by a competent person:

- Review the risk assessment for the system and update if necessary
- Check the structure of the gate
- Make sure the running gear is in good working order
- Check the correct functioning of all safety devices
- Test the setting and function of the anti-crush system

**For safety reasons, cut power to the system before manual releasing and before re-engaging.**

# Maintenance Record



<b>Description of work</b>					
<input type="checkbox"/> Installation	<input type="checkbox"/> Start-Up	<input type="checkbox"/> Adjustment	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Repairs	<input type="checkbox"/> Alterations
Date:	Engineers signature:			Customers signature:	

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Date:	Engineers signature:			Customers signature:	

# Installation Check List



## Preliminary Checks

- ☐ Risk Assessment Completed
- ☐ Gates suitable for automation
- ☐ Gates move smoothly with no stiff points
- ☐ Leaf weight & length within operator spec

## Installation Checks

- ☐ Components installed in accordance with manufacturer's instructions
- ☐ Actuation points/controls outside hazard area
- ☐ CE Mark fixed to gate
- ☐ Suitable warning labels applied
- ☐ Power supply connected to isolator

## Functional Checks

- ☐ Operating devices
- ☐ Stop devices
- ☐ Photocells
- ☐ Other safety devices
- ☐ Control panel settings
- ☐ Manual release operation

## Method of Safe Operation (Select One)

- ☐ Dead-man hold to run controls used
- ☐ Impact Forces tested in accordance with BS EN12453 & BS EN12445

## Training / Documentation

- ☐ Customer has been informed of safe operation & residual risks
- ☐ EC Declaration of Conformity provided
- ☐ Maintenance requirements provided
- ☐ Manual release key & instructions provided

Engineers signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Customers signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

**EC Declaration of Conformity**  
(Machinery directive 2006/42/EC, Annex II, part A)

Manufacturer:

Address:

Declares that:

Location:

Complies with the following directive:

☐ 2006/42/EC Machinery Directive

And also declares that the applicable parts of the following standards have been observed:

☐ EN 13241-1 Industrial, commercial and garage doors and gates. Product standard. Products without fire resistance or smoke control characteristics.

☐ EN 12453 Industrial, commercial and garage doors and gates. Safety in use of power operated doors. Requirements.

☐ EN 12445 Industrial, commercial and garage doors and gates. Safety in use of power operated doors. Test methods

Date:

Signature of legal representative:

Print name:

[www.faac.co.uk](http://www.faac.co.uk)

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