

## Please note

For OH&S purposes we recommend that you prepare a procedure to notify everyone on how to manually override the gate and where the key will be kept



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## Deimos Manual Override Instructions

Thank you for buying this product, our company is sure that you will be more than satisfied with the product's performance. The product is supplied with a "Instruction booklet". This should be read carefully as it provides important information about safety, installation, operation and maintenance. This product complies with the recognised technical standards and safety regulations.

### SAFETY

If correctly installed and used, this automation device satisfies the required safety level standards. However, it is advisable to observe some practical rules in order to avoid accidental problems. Before using the automation device, carefully read the operation instructions and keep them for future reference.

- Keep children, persons and things outside the automation working area, particularly during operation.
- Keep radio control or other control devices out of children's reach, in order to avoid any unintentional automation activation.
- Do not intentionally oppose the leaf movement.
- Do not attempt to open the gate by hand, if the actuator has not been released by means of the appropriate release knob.
- Do not modify the automation components.
- In case of malfunction, disconnect the power supply, activate the emergency release to gain access to the actuator and request the assistance of a qualified technician (installer).
- Before proceeding to any external cleaning operation, disconnect the mains power supply and at least one of the battery pole, if fitted.
- Keep the photocell optical components and luminous signal indication devices clean. Check that the safety devices (photocells) are not obscured by branches or shrubs.
- For any direct assistance to the automation system, request the assistance of a qualified technician (installer).
- Have qualified personnel check the automation system once a year.

### MANUAL RELEASE

The manual or emergency release is to be activated when a gate must be opened by hand, and in all cases where the automation system fails to operate or operates incorrectly.

To carry out the emergency manoeuvre, proceed as follows:

- Insert the standard key into its appropriate seat (fig. 1) and rotate it anticlockwise (90°), then rotate the release knob clockwise along its entire stroke. This way the pinion is made to idle, and therefore allows the gate to be opened by hand.

**Warning: Do not push the gate leaf hard, but rather help it along its entire stroke.**

- To reset motor-driven control, rotate the knob anticlockwise along its entire stroke, and then rotate the standard key clockwise until it is held tight. Keep the key in a safe place which is known to all the people concerned. In the case where the release knob is supplied with a personalised key (fig.2), proceed as follows:

- Insert the personalised key into the lock, rotate the key anticlockwise by 90°.
- Hold the release knob and rotate it clockwise (fig. 2) until it stops. This way the pinion is made to idle, and therefore allows the gate to be opened by hand.
- Push the gate leaf by hand, helping it along its entire stroke. The key cannot be taken out of the lock until the knob is brought back to its initial position (motor-driven activation).
- To reset motor-driven control, rotate the knob anticlockwise along its entire stroke, move the key back to its locking position; then take the key out and keep it in a safe place which is known to all the people concerned.

### MAINTENANCE

The maintenance of the system should only be carried out by qualified personnel regularly. Inspect the installation frequently to check that there are no signs of wear or damage to the cables, springs or supports. If any maintenance work is deemed necessary, do not use the operator.

Fig. 1

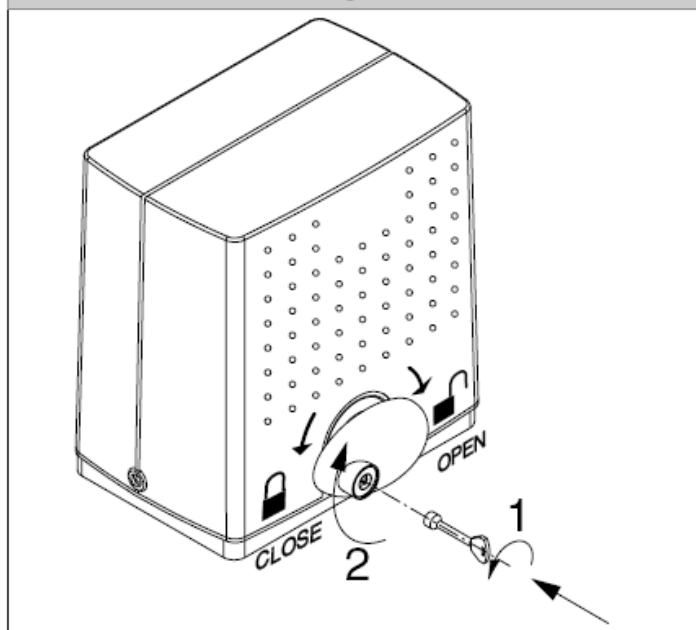
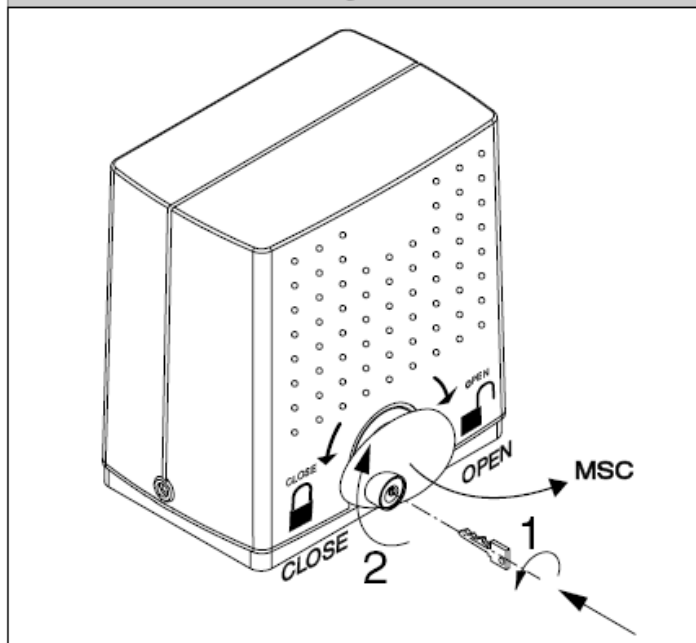


Fig. 2





## Gate Opening Systems Pty Ltd

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### Warranty

Gate Opening Systems Pty Ltd warrants workmanship carried out by our technicians for a period of 12 months, and motors for a period of 2 years. Gate Opening Systems equipment warranty is subject to a valid maintenance agreement being in place and takes effect from the date of final commissioning at site with or without sign off from client. It is specific to each piece of equipment and is not related to final handover date. The warranty period is determined by Gate Opening Systems Pty Ltd. and issues that are brought to our attention after this period will not be considered under warranty. The labour warranty applies to work on Gate Opening Systems Pty. Ltd. manufactured equipment only.

Except for the warranty against defects in material and workmanship set out above, Gate Opening Systems Pty Ltd gives no warranties of any kind whatsoever, whether express or implied or whether statutory or at common law, in relation to the Product, and all warranties of fitness for particular purpose and other warranties of whatsoever kind relating to the Product are hereby disclaimed. Without limiting the generality of the foregoing, Gate Opening Systems Pty Ltd disclaims any liability of whatsoever nature in respect of any claim or demand loss or damage which arises out of:

1. Accidental damage to or normal wear and tear to the Product or to the Product's components:
2. Flood, fire or lightening
3. Incorrect, improper or unreasonable maintenance and/or use
4. Installation, modification, adjustment, repair or use other than in accordance with Gate Opening Systems Pty Ltd installation, operation and maintenance instructions.
5. Faulty or unsuitable wiring of structure to which the Product is fixed or connected.
6. Radio (including citizen band transmission) or any electronic interference
7. Blown fuses or damage caused by electrical surges
8. Water damage and or moisture damage
9. Damage caused by insects.

Gate Opening Systems Pty Ltd liability under the warranty set out above is limited, at Gate Opening Systems Pty Ltd absolute option, to replacing or repairing the Product which Gate Opening Systems Pty Ltd, in its unfettered opinion, considers to be defective either in material and/or workmanship or to credit the consumer with the price at which the Product was purchased by the customer.



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Type of Risk	Solutions to be adopted
<b>Structural and wear-related mechanical risks:</b>	
1. Loss of stability & falling of parts	Check columns, hinges and leafs on a regular basis
	Ensure all stops are present
2. Tripping	Check that any edges over 5mm are highlighted or contoured
3. Impact on main closing edge	To reduce the risk of impact between the leaf and vehicles or persons, a pair of photo cells should be installed In cases of high impact risk a second pair of photocells should be installed
4. Shearing between moving leaf and fixed leaf during opening & closing movements	The gate leaf and fence must be kept free of obstructions Eliminate or protect any sharp edges, handles or protruding parts
<b>Risks due to leaf movement:</b>	
1. Drawing in of feet on lower edge	Ensure that pedestrians keep a safe distance from moving gate.
2. Drawing in of hands on drive unit	Ensure that people do not put hands between the pinion and rack
Recommendation to reduce the above risks	Floor to be painted yellow where gate swings or slides, with signs to notify pedestrians to avoid these areas.
<b>Electrical risks</b>	
1. Electrical shock	Ensure control box is locked and accessed by authorised electrician only
<b>Safety &amp; Reliability of Drive Unit &amp; Control &amp; Safety Devices</b>	
1. Drive unit activation/deactivation	After a fault or power failure, check that the drive unit resumes safe operation without generating hazardous situations.
2. Entrapment release	If entrapment does occur turn power off & disengage motor to operate manually. See attached procedures
<b>Principles of Safety integration &amp; information</b>	
1. Signs	Apply all signs or warning notices deemed necessary to highlight possible residual risks not protected and to indicate any foreseeable improper use.
2. Operation Instructions	Read operation instruction provided
3. Maintenance	Regular scheduled maintenance recommended