

The Stannah Lowriser

USER HANDBOOK

IMPORTANT

Before using your Stannah Lift, please ensure you read and familiarise yourself with these instructions.

Stannah

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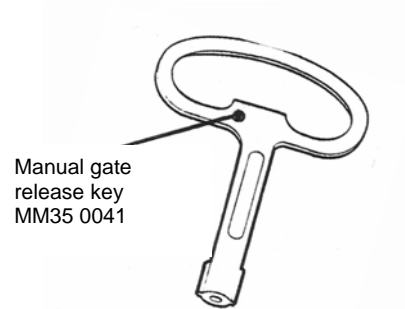
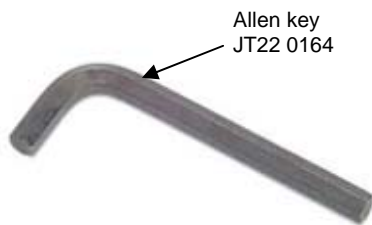
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Introduction

Thank you for buying this Lowriser Platform Lift.

The instruction manual will help you become accustomed with your lift.

- Study and become familiar with the step by step instructions.
- Ensure a nominated person is also familiar with the instructions, especially with the operating procedures in the event of a breakdown.
- Keep the manual in a safe place for future reference together with the Test and Examination Certificate and electrical wiring diagram.
- Keep the Allen key and gate release key (if gate fitted) in a safe easy to reach place.
- **Pay particular attention to the safety precautions.**



Safety Precautions

- **Children**

Children should be supervised when the lift is in use.

Children should not be allowed to tamper or play with the lift.

- **Autohoming**

The lift Autohomes to the ground floor, approximately one minute after the threshold gate closes.
(Autohoming will only operate if there is a threshold gate fitted).

An alarm will sound when the lift Autohomes.

Pressing the emergency stop button will stop the lift Autohoming.

Turning the keyswitch (if fitted) will stop the lift Autohoming. When turned back on the lift will continue to Autohome.

Recommend leaving the lift at the lower level when not in use.

The autohome feature can be turned off if requested.

- **Keep all parts of the body in-board of the lift at all times when the lift is moving.**

- **Overload**

Do not exceed the safe working load of the lift. The LR range of lifts has a maximum safe working load of 300kg (47 stone).

- **Repair and Maintenance**

Do not attempt to use the lift if it is under repair, or if instructed not to do so by a qualified Service Engineer.

- **Threshold Gate**

Do not attempt to force the gate open during travel.

Do not manually open the gate with the emergency release key, when the lift is not at the upper level.

- **Platform Ramp**

When the ramp is in the raised position do not lean against it, or attempt to force it down.

- **Do not remove any panels or attempt to repair the lift. This must only be carried out by qualified engineers.**

Standard Features

Finish

To complement this product the paint finish on the Lowriser range, is a high quality architectural powder coating. It is a highly durable, attractive finish with superb resistance to corrosion, heat, impact, abrasion and fading. The standard colour is Grey –White RAL. Beneath the paint finish, all steel parts are Nitro-Carburised. This is a low temperature treatment, which makes the material highly corrosion resistant.

Standards and Compliance

The lift is built in accordance with BS6440:1999 and is CE marked in compliance with European Regulations.

Safety Gear

The use of rupture valves prevents the rapid descent of the lift in the event of a hydraulic hose or pump failure.

	800	1450 x 800mm
Platform Size	900	1450 x 900mm
	1100	1450 x 1100mm

Internal or External Application

The lift is suitable for internal or external applications.

5 Year Anti-Corrosion Warranty

Subject to terms and conditions.

Ramp

Power driven travelling ramp/wheelstop with built-in safety features.

Travelling Speed

20mm/sec

Safe Working Load

The maximum safe working load of the lift is 300kg (47 Stone).

Emergency Operation

The lift will operate approximately 15 full cycles in the event of a power failure.

Manual Lowering

In the event of lift failure, it can be lowered to the ground floor by operating a lowering valve.

Safety Features

Sensitive edges around the periphery of the platform.
The ramp is fitted with sensitive safety switches.
The hydraulic system is fitted with anti-rupture valves.

Handrails

Fitted on travelling platform to assist a user when entering or exiting the lift.

Optional Features

Manual Self-Closing Gate Upper Gate	The gate is self-closing with an electrical interlock and an electro-mechanical lock.
2-way Key Switching	Key switches are available on either or both landing control stations. The lift controls can be switched on or off from either level.
Special Colours	Available on request.
Decorative Glass Side Panel Infills	Toughened Glass.
Glass Gate Panel Infill	Toughened Glass.
Steel Gate Panel Infill	Matching Lift Colour.
Full Side Panel Infills	Clear Plexiglas or Steel infill matching lift colour.
Wall Mounted Call Stations	Can be sited to the customers preferred location, flush or surface mounted.
Automatic Twin Opening Platform Gates	Fully automatic gates fitted to the lift platform.
High Specification buttons	Tactile and illuminated part 'M' compliant buttons.
Powered Upper Gate	Fully automatic opening and closing with manual override.

Operating Instructions

Call Station Standard Controls

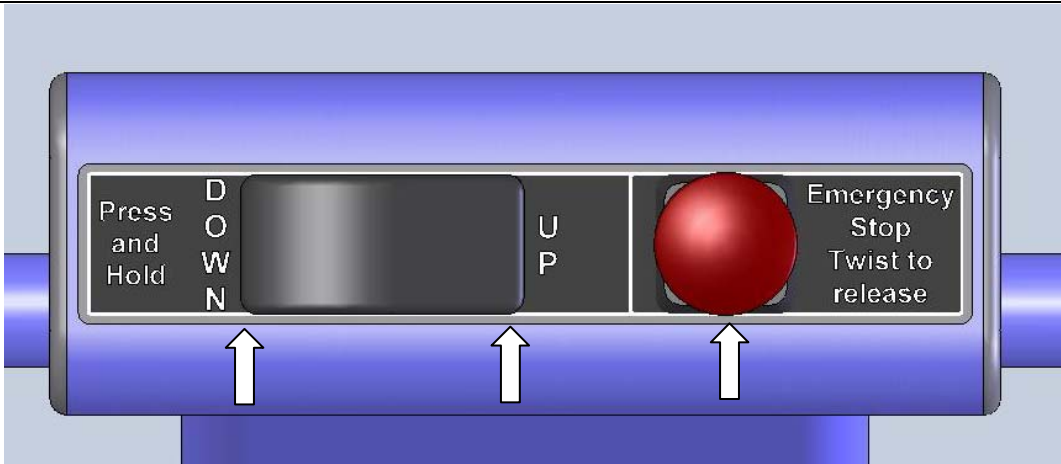
	<p>Press and hold the top of the rocker switch to call or send the lift up.</p>
	<p>Press and hold the bottom of the rocker switch to call or send the lift down.</p>
	<p>Keyswitch Optional. Turn the key to isolate the lift controls. The controls can be turned on or off at either call station.</p>

Call Station High Spec Controls

	<p>Press and hold the call button to call the lift. Calls the lift to level you are operating the call station from.</p>
	<p>Keyswitch Optional. Turn the key to isolate the lift controls. The controls can be turned on or off at either call station.</p>

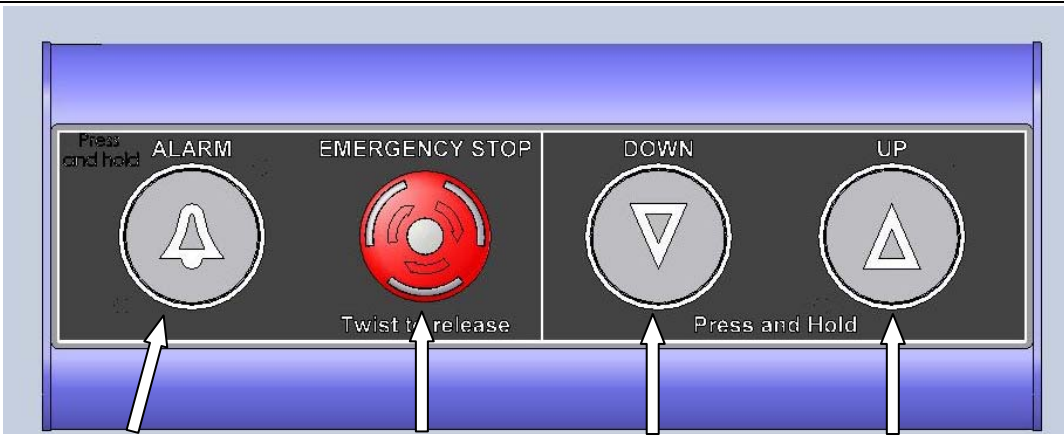
Operating Instructions

In Car Standard Controls



<p>Down Direction</p> <p>Press and hold the LH side of the rocker switch to send the lift down.</p>	<p>Up Direction</p> <p>Press and hold the RH side of the rocker switch to send the lift up.</p>	<p>Emergency Stop</p> <p>To stop the lift in the event of an emergency, press the red emergency stop button.</p> <p>The button stays locked down when pressed fully down. The lift will not work when the switch is in this position.</p> <p>To release, twist the red button clockwise.</p>
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In Car High Spec Controls



<p>Alarm</p> <p>Press and hold the alarm button to sound the alarm.</p>	<p>Emergency Stop</p> <p>To stop the lift in the event of an emergency, press the red emergency stop button.</p> <p>The button stays locked down when pressed fully down. The lift will not work when the switch is in this position.</p> <p>To release, twist the red button clockwise.</p>	<p>Down Direction</p> <p>Press and hold the down button to send the lift down.</p>	<p>Up Direction</p> <p>Press and hold the up button to send the lift up.</p>
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Operating Instructions

Lift Functions

Entering The Lift at the Ground Floor



With the lift at the ground floor the ramp will normally be in the lowered position.

The ramp can be set to automatically fold up. To lower the ramp a down call is required, by pressing the down direction of the rocker switch/call button.

Enter the lift and position yourself centrally on the platform.

To send the lift up press and hold the up direction side of the rocker switch/up button, until the lift automatically stops at the upper level.

Exiting The Lift At The Upper Level



The gate will automatically unlock when the lift reaches the upper floor level.

You have a set period of time (*5-20 seconds depending on the specific customer requirements*) to push open the gate.

The gate will automatically lock after this set time.

To unlock the gate after this period, press the up direction side of the rocker switch/up button from either the in car controls or call stations.

Ensure the gate is closed and locked after exiting the lift.

Entering The Lift At The Upper Level



The Lift must be at the upper level before the gate can be unlocked.

To call the lift to the upper level, press and hold the up direction side of the rocker switch/up button. The gate will automatically unlock when the lift reaches the upper level, it can now be pulled open.

If the lift is already at the upper level, press the up side of the rocker switch/call button to unlock the gate and pull open.

You have a set period of time (*5-20 seconds depending on the specific customer requirements*) to pull open the gate.

Operating Instructions

Lift Functions

Exiting The Lift at the Ground Floor



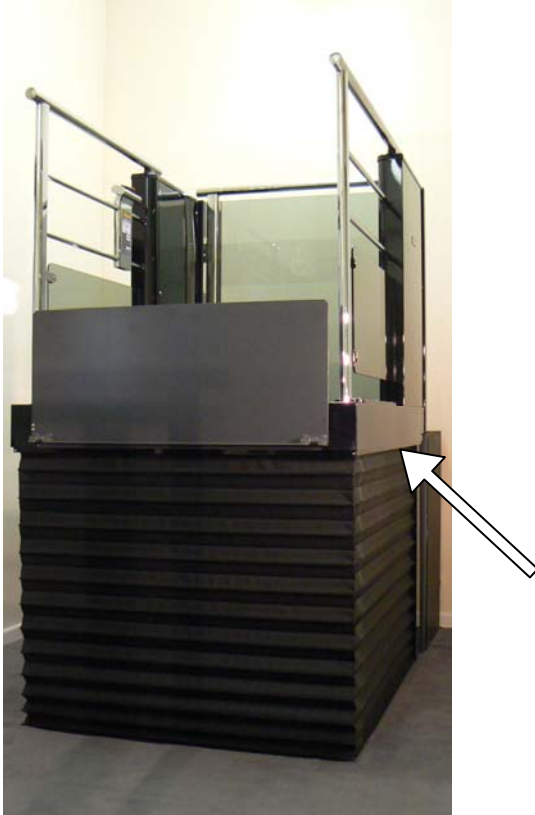
Enter the lift and position yourself centrally on the platform. Ensure the gate is fully closed and locked.

To go down to the lower level, press and hold the down direction side of the rocker switch/down button.

The ramp will automatically lower when the lift reaches the ground floor level.

Wait for the ramp to fully lower, it is now safe to exit the lift.

Safety Features – Safety Edge

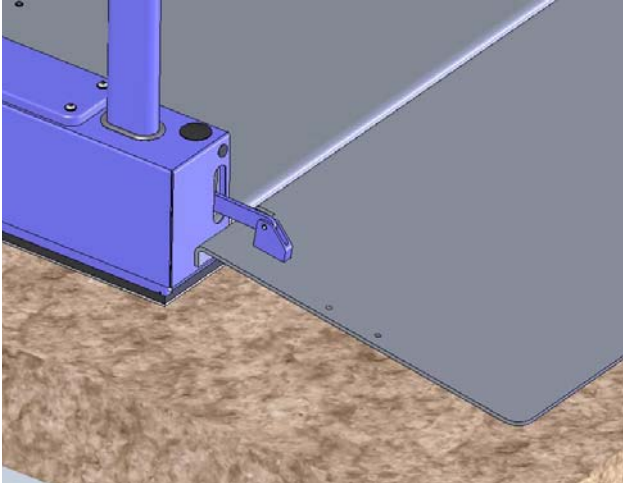


The platform has a safety edge around the periphery of the platform. This will stop the lift if it comes into contact with an obstruction.

If this safety edge is activated, the lift will stop. In this eventuality, press the up direction side of the rocker switch/up button, clear the obstruction and continue the descent.

Operating Instructions

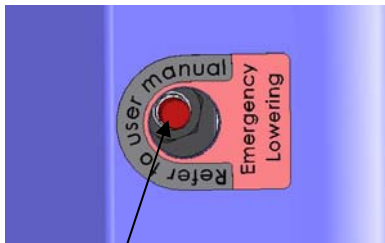
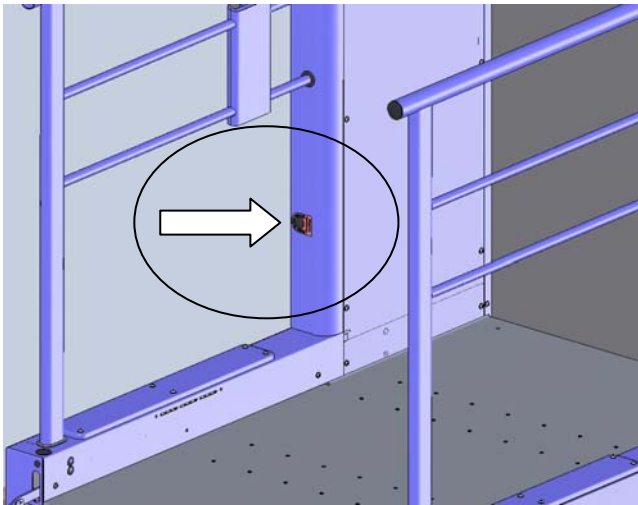
Lift Functions

Safety Features – Ramp Sensing	
	<p>If there is an obstruction beneath the ramp when it deploys, the ramp will stop.</p> <p>Press and hold the up direction side of the rocker switch/up button to raise the ramp and allow the obstruction to be cleared.</p> <p>The ramp can now be lowered by pressing the down direction side of the rocker switch/down button. It will stop automatically when it touches the ground floor.</p> <p>If there is an obstruction on top of the ramp when it raises, the ramp will stop.</p> <p>Press the down direction side of the rocker switch/down button to lower the ramp and allow the obstruction to be cleared.</p> <p>The ramp can now be raised by pressing and holding the up direction side of the rocker switch/up button. The ramp will automatically stop when fully raised and the lift will go up.</p>
Emergency Lowering	
<h3>In-Car Emergency Lowering</h3> <p>The lift incorporates a battery back up system. This allows for approximately 15 cycles of the lift in the event of a power failure.</p> <p>In the event of a power failure an alarm will sound. The lift can be lowered or raised by operating the rocker switch/push button as you would in normal operation.</p> <p>To stop the alarm press the emergency stop button, and call your service company for assistance.</p>	

Operating Instructions

Lift Functions

Emergency Lowering



Manual lowering valve

Manual Lowering

In the event of mains power and battery failure, the lift can be simply lowered to the ground floor.

Ensure power to the lift is turned off, and the emergency stop button is pressed before executing this procedure.

WARNING!

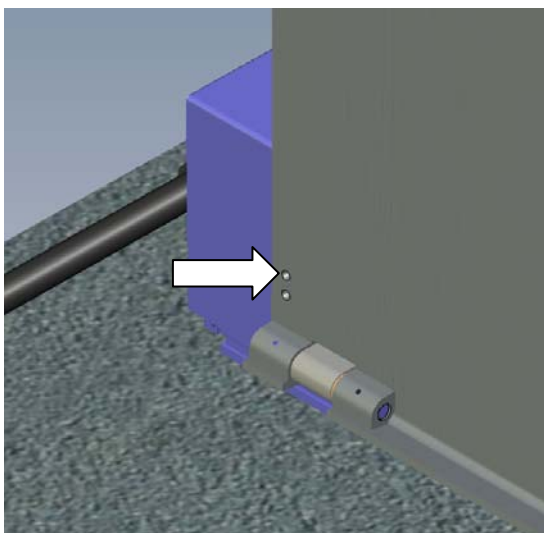
The safety devices will not work when manually lowering the lift. Ensure the area is clear around the lift before manually lowering.

Remove the plastic grommet on the left hand side panel.

Put your finger in the hole and press and hold the manual lowering valve in until the lift is fully down.

Replace the grommet on completion of this procedure.

Manual Release Of The Ramp



Allen key
JT22 0164

WARNING!

Ensure the lift is at the lower level before disconnecting the ramp.

The ramp operation is battery backed. After completing the manual emergency lowering procedure, check to see if the ramp will lower, by pressing the down direction side of the rocker switch/down button.

If the ramp still fails to lower, remove the two M6 button headed screws, located in the bottom left hand corner of the ramp, using the Allen key provided.

The ramp can now be lowered down.

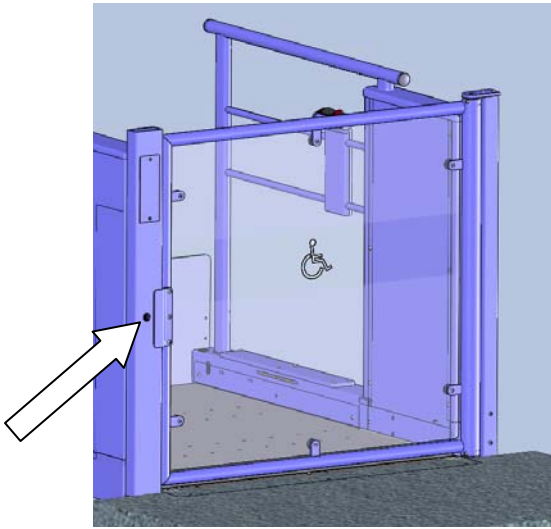
WARNING!

Do not use the lift until the ramp has been re-connected by a competent person.

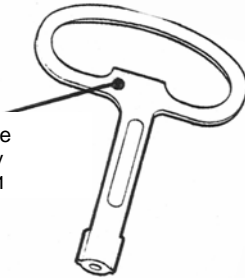
Operating Instructions

Lift Functions

Manual Release Of Upper Level Gate



Manual gate release key
MM35 0041



WARNING!

Ensure the lift is at the upper level before manually opening the gate.

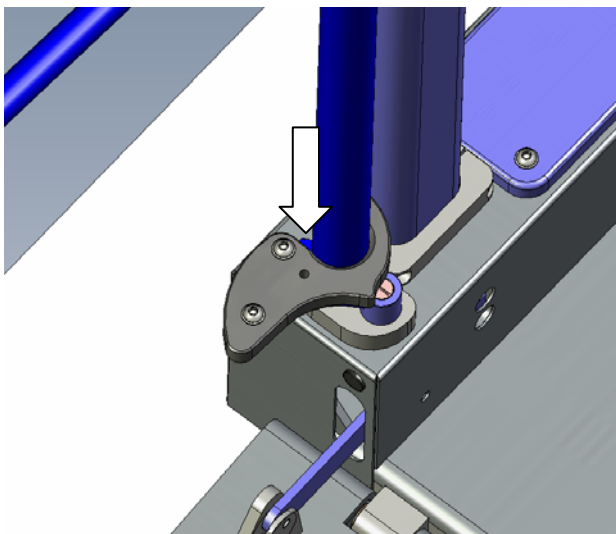
Remove the rubber grommet on the lock side of the gate frame.

Align and insert the gate release key provided, twist approximately ¼ turn and pull the gate open.

Note: It is recommended you keep the gate release key in a convenient place in case of an emergency.

Replace the grommet on completion.

Manual Release Of The Platform Gates (Optional)



The twin platform gates should automatically open when the ramp has been lowered.

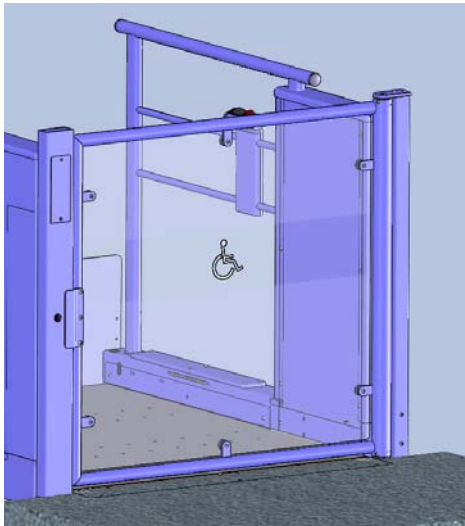
If they fail to open when the ramp is lowered, place the allen key provided into the hole and press down. This will allow the gate to open.

Repeat this operation for both gates.

Operating Instructions

Lift Functions

Powered Gate (Optional)



CAUTION!

Ensure the area where the gate opens into is kept clear of obstructions at all times. Children must be kept away from the area of the gate and lift when in use.

The door will automatically open when the lift reaches the upper floor level.

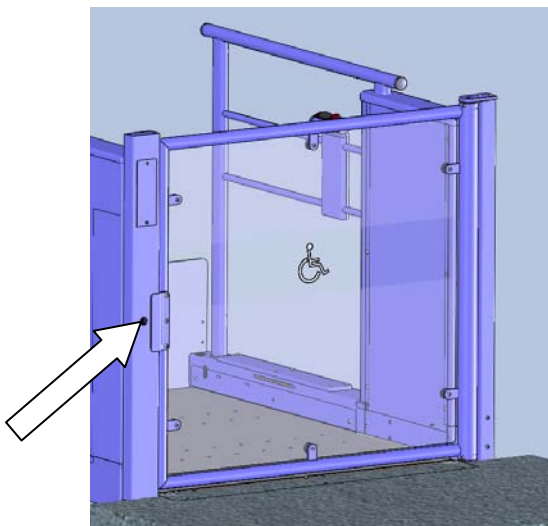
After a set period of time which can be adjusted to suit the users needs, the gate will automatically close.

The gate is fitted with a mechanism which prevents undue force being applied to any obstructions.

If the gate becomes dis-engaged from it's drive mechanism it will need to be manually engaged. Push the gate open or closed until it snaps back into location.

To open the gate press the up side of the rocker switch or the call button at the upper level.

Manual Release Of The Powered Gate



WARNING!

Ensure the lift is at the upper level before manually opening the gate.

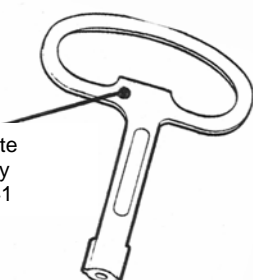
Remove the rubber grommet on the lock side of the gate frame.

Align and insert the gate release key provided, twist approximately ¼ turn and pull the gate open.

Note: It is recommended you keep the gate release key in a convenient place in case of an emergency.

Shut the gate to relocate the Powered gate mechanism and replace the grommet on completion.

Manual gate release key
MM35 0041



Operating Difficulties and Fault finding

If you believe there is a problem please check the points below.

If the problem cannot be rectified after carrying out the checks listed, switch off the unit at the mains electricity supply spur (adjacent to the lift), press the emergency stop button and contact your service company.

Contact details can be found on the back page of this publication

Basic Fault Finding.

If the lift will not operate, check the following points before contacting your service company.

- Ensure the emergency stop button on the car controls is not pressed down.
- Ensure the key switches, if fitted, are switched on.
- Check the gate, where fitted, is fully closed.
- Check there are no obstructions on or around the ramp.
- Check there are no obstructions on or around the lift safety bellows.
- Check the power supply to the lift is on.

Emergency Breakdown Service

For information on breakdown cover and servicing please contact your service company.

Service and Inspection

Your Lifting Platform has been inspected and tested for quality and reliability. It should give you many years of trouble free operation. As with all mechanical products, it is essential that this lift is serviced regularly.

The Lift is mechanically guaranteed for 12 months, unless you have decided to purchase an extended warranty at the same time as buying your unit. Alternatively, you may wish to establish a maintenance agreement that will provide for routine servicing on a regular basis thereafter.

We recommended that the lift is serviced every six months.

The lift must be serviced to the BS6440: 1999 schedule, which includes:

- ✓ Safety Interlock checks
- ✓ Electrical integrity checks
- ✓ Hydraulic pressure and safety valve checks
- ✓ Hydraulic leakage checks
- ✓ Lubrication

For all enquiries regarding service please contact your service provider as detailed below:



Routine Care and Maintenance

Before cleaning the lift, please remember to switch off the unit at the mains supply switch, adjacent to the control box and press the emergency stop button.

We recommend the lift paintwork is cleaned once a month, with a damp cloth using a quality car shampoo with wax.

Do not use solvents to clean this product.

Ensure the area around the lift is kept free from debris and leaves etc...

Report any signs of damage or vandalism immediately to the company responsible for the maintenance of your lift.

Manufacturers Warranty

The standard manufacturers warranty is 12 months.

	Parts	Labour	Planned Services	Anti-Corrosion
Supply only	12 mths	n/a	See price list	60 mths
Supply & Install	12 mths	12 mths	See price list	60 mths

Additional service and extended warranty packages are available upon request.

Anti-Corrosion Warranty

All new LowriserLifting Platforms are covered by a five year anti-corrosion warranty.

All repair work undertaken under the anti-corrosion warranty must be carried out by an authorised repairer. The warranty covers corrosion, which occurs on any surface of the Lifting Platform.

The warranty does not cover corrosion caused by neglect, accidental damage or other external influences.

Maintaining Your Anti-Corrosion Warranty

To ensure that any warranty claims are processed quickly and efficiently, please observe the following guidelines:

1. The Lifting Platform should be thoroughly examined by a technically competent person at intervals not exceeding six months, as recommended in BS 6440:1999 Section 8.2.
2. Paint work or any other damage identified during these inspections, including any to the underside of the Lifting Platform, must be reported promptly to the manufacturer.
3. Claims cannot be accepted for corrosion that occurs as a result of un-repaired or improperly repaired paintwork or neglect.
4. The warranty does not apply to parts, panels or materials that have not been approved by the manufacturer

Maintenance Recommendations

Regular care and maintenance will enhance the appearance of the Lifting Platform; it will extend the life of the paintwork and is essential for ensuring the continued effectiveness of the protection against corrosion.

Although modern paints are durable and resistant to many external hazards, they are not resistant to all. You should, therefore, take particular care with your paintwork; for example birdlime can have an extremely corrosive effect on your paintwork and should be removed as quickly as possible.

Manufacturer Information

Model: Lowriser Lifting Platform

Serial Number:

Manufacturer: Stannah Lifts Ltd

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