Terry Lifestyle®

Model 3.6m

User Manual

Original instructions

CONTENTS

INTRODUCTION

Thank you for choosing the Lifestyle Lift, designed and manufactured in the U.K. using the latest technology by Terry Group Ltd. We want you to get the most out of your Lifestyle Lift and to help in this aim we have produced this small booklet on operation and maintenance of the equipment, which we hope you will find helpful.

It is hoped that any queries you may have during day to day operation will be answered in the text, but if you do have any problems, technical assistance is only a phone call away.

We hope our product gives you many years of reliable service.

Peter Morrey
Managing Director

DESCRIPTION

The Lifestyle Lift is an inter floor lift that is designed for use by up to two people standing or one person seated travelling between fixed floor levels in private dwellings.

With a maximum carrying capacity of 250kg, this lift is not intended for use as a means of transporting goods.

The lift is designed to operate without a lift shaft and is provided with an automatic infill panel which makes the ceiling aperture safe when the lift is parked downstairs.

Optional GPRS two way communications or a hard wired standard telephone can be supplied in the car for emergency communication.

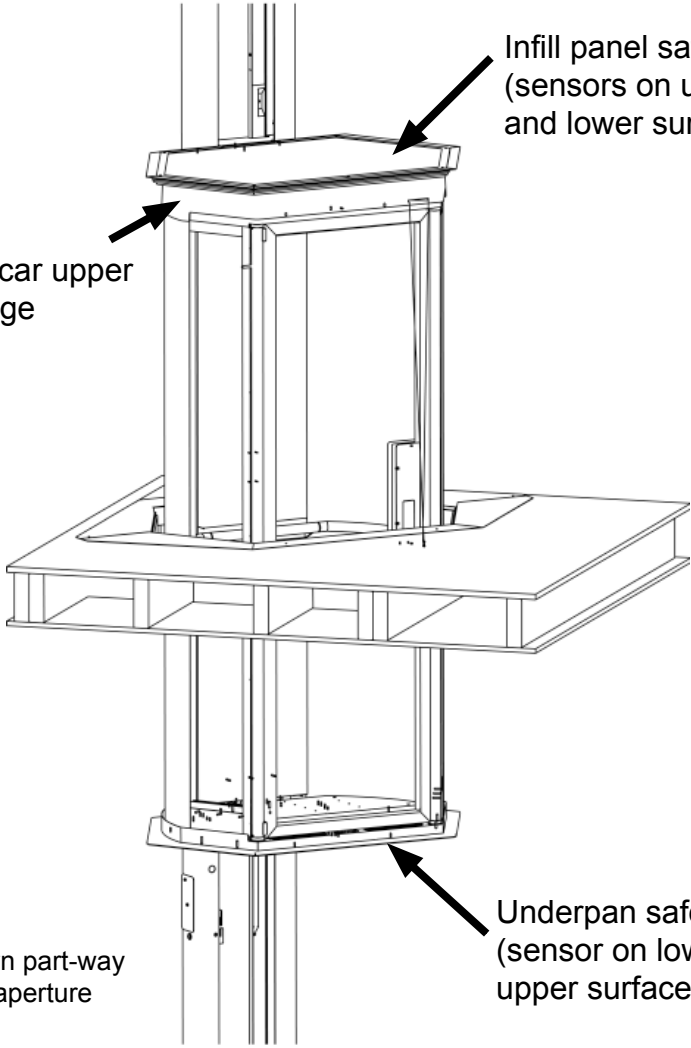
A standard feature is the provision of half hour fire rated panels in both the aperture infill and the car underpan.

The lift car panels are made from powder coated steel which can easily be cleaned using normal household cleaners. Upholstery is made from high quality contract materials and can be cleaned in the same way.

GENERAL DO'S AND DON'TS

- Never switch off the power supply to the lift, even when you go away. The lift control circuits are fed by a battery, which must be kept on constant charge.
- The lift should always be returned to the lower level when not in use. If it is left upstairs for prolonged periods, it will occasionally re-level itself depending on conditions. The lift must be left at the lower level if the mains is turned off.
- Keep hold of the door whether opening or closing.
- Always close the door after using the lift.
- Never allow children to play in, under or around the lift. If children are in the house, always isolate the lift using the optional remote control fob, see page 7.
- Ensure that the area under the lift is kept clear. The underpan surface is fitted with sensors, which automatically stop the lift if it strikes an object (see pg.6).
- Always keep the key fob, if supplied and emergency release key in a safe place near the lift. The in-car release keys behind the centre cover should not be removed unless there is an emergency.
- Do not place any object on the aperture infill or stand on it when the lift is in operation. Ensure that as far as practical, the area around the travelling infill panel is clear of persons (particularly children) when the lift is being operated. The infill panel is fitted with sensors that automatically stop the lift if the infill panel is obstructed (see pg.6)
- Only use the lift for transporting up to 2 people standing or 1 seated between fixed floor levels. Do not use for the transortation of goods.
- Always treat your lift with the respect that should be shown to electrical and mechanical equipment.
- Safety related components should only be adjusted and reset by a competent person.

The diagram below shows the position of the sensors on the lift, designed to prevent injury or damage if the movement of the carriage is obstructed.



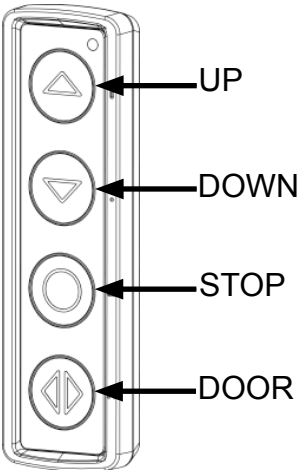
Lift shown part-way through aperture

CONTROLS AND OPERATION

There are two wall mounted call stations, one at each level (see illustration) and a similar control station fitted in the lift car.

The lift can be isolated by using the optional remote control fob. When the lift is isolated none of the control stations will function. The call and control stations can only be activated by using the remote fob. When the lift is activated, the coloured indicator lights in the car will illuminate.

The lights in the car will switch on automatically when any call or control button is pressed and will automatically turn off after a few minutes.



Wall mounted call station

Optional remote isolate fob

General operation

Call the lift by pressing the up arrow or down arrow button on either call station and wait for it to stop. The door will unlock and can then be manually opened. Press and release UP or DOWN on the control station for the lift to travel uninterrupted to the next floor. If the lift does not start, check that the door is properly closed and try again. Always close the door after using the lift. Leave the lift downstairs whenever possible.

Car light intensity control
On one of the call stations, by pressing and holding the stop and down buttons, the light intensity will reduce. By pressing holding the stop and up buttons, the light intensity will increase. When the desired level is reached, release the buttons.

Car light timer
It is possible to vary the length of time the car light stays on after the last operation on the lift.

By pressing and holding the stop and up and door buttons, the light timer will automatically sequence through the light-on times and respond with a series of beeps. Each beep represents five minutes in time. When the desired time is reached release all buttons.

Radio remote call stations
The call stations and the optional remote control are fully integrated units with internal batteries. The batteries can be changed by the user with a philips screwdriver on the back of each unit.

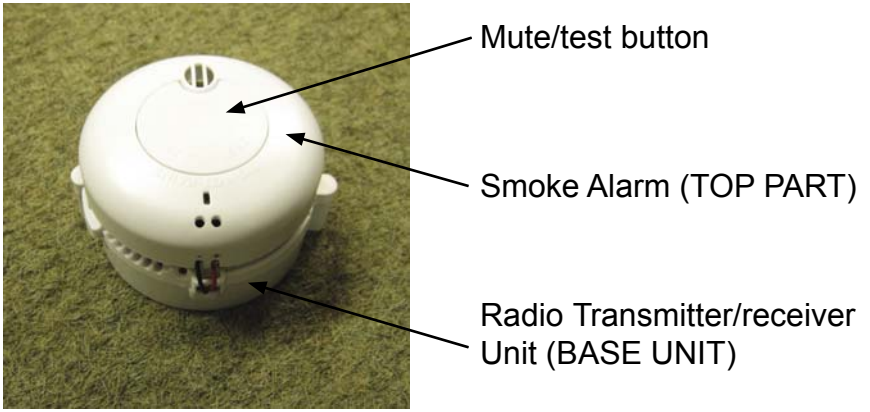
CR2450 (550 mAh minimum) are approved for use with these devices.

CRITICAL:

It is critical that all three batteries are replaced with NEW ones of the same type, manufacture and age, that they are fitted at the same time and that they are correctly oriented.

SMOKE ALARM

If smoke detection system has been installed on your lift. It has been designed to provide adherence to British Standard BS5900 2012 Section 9.13 “Behaviour of homelift in the event of fire”. The system utilises two smoke alarms one upper level, one lower level, which are wirelessly connected to the lift (see illustration below).



The Smoke Alarm unit comprises two parts, the first (TOP PART) being a Smoke alarm unit. This is the Smoke detection unit and contains an integral battery with a 10 year life span. This is not replaceable.

The second part (BASE UNIT) contains the radio transmitter receiver unit. Power to this unit is supplied by two AA style batteries. The voltage level of the batteries is monitored.
In the event of a low battery, a sounder in the carriage will beep (see Fault Finding pg.20). If the batteries are not replaced, the lift will be taken out of service.

Radio smoke alarm operation
When installed on a Harmony Lift, the smoke alarm system will cause the lift to deactivate safely once the alarm is triggered. When deactivated, the door will continue to operate as normal.

When the Lift is stationary at either level:
If smoke is detected, the alarm will sound. After a period of time, all other smoke alarms connected to the system will then start to sound and the lift deactivates.

When the Lift is travelling between levels:
If smoke is detected, the alarm will sound. After a period of time, all other smoke alarms connected to the system will then start to sound.
The lift will continue to its requested level, it will remain possible (until that level is reached) to change the direction of the lift. Once at the desired level, the lift will deactivate.

Reactivation of Lift
The lift will automatically reactivate when the smoke alarm no longer detects smoke and a period of two minutes has expired.

Silencing the Smoke Alarms
In either situation, it is possible that the sounder of each individual alarm can be silenced. The alarms that has been set off *remotely* can be silenced by pressing the both the STOP and DOOR button on one of the lift handsets. Then the alarm that has been triggered *by the smoke* can be silenced by pressing the mute button on the alarm itself. Doing this will silence the alarms for four minutes. When silenced, the lift will automatically reactivate when a period of two minutes has expired. If the source of smoke is not removed, the smoke alarms will begin to sound again and the lift will be disabled.

EMERGENCY PROCEDURES

In the event of a mains failure during travel, the battery backed control system of the lift will allow normal operation in the down direction without loss of any safety features. This allows the user to exit the car at the lower level in the normal way.

Emergency Manual Lowering

If the lift has stopped mid-travel and the customer is unable to send the lift up or down, then the lift can be manually lowered by one of following methods:

1. Lowering the lift from inside the lift car. (pg.12)
2. Lowering the lift from outside the lift car. (pg.14)

IMPORTANT:

- During emergency manual lowering, the normal safety features will not function, so the lift will not stop if a person, pet or object is under the lift.
- The exact lowering procedure must be observed in each case, because the normal safety features will not function during manual lowering.
- The emergency lowering procedures should never be used if the lift is fully up or no one is trapped in it.
- The emergency lowering procedures should also never be used as the normal down travel function until an engineer attends.

1. Lowering the lift from <u>inside</u> the lift car.

FIRST:

If other people in the house, they must be alerted to the fact that the lift has stopped. They should assist in the lowering procedure by ensuring the following:

- That no object, person or pet are in the path of the lift travel.
- That the aperture infill panel follows the lift during descent and locates fully in the upstairs floor to guard against anyone falling into the lift-way.

If no other people are in the house, check as best you can that no pets or obstacles are in the path of the lift travel.

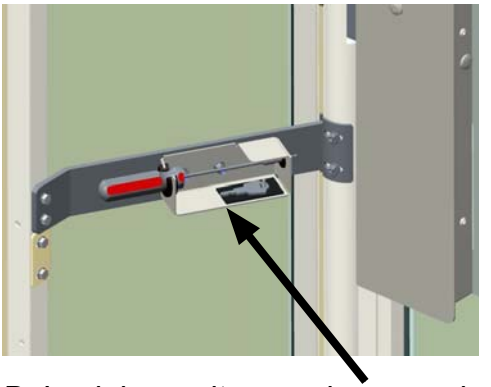
THEN:

Locate the emergency lowering key within the lock bar unit, see illustration ‘A’ on pg.13 for how to access the key.

1. Insert the emergency lowering key into the control panel at the back of the lift. See illustration ‘D’ on pg13.
2. Turn the key clockwise and hold it there with one hand.
3. Simultaneously, with the other hand, press and hold the down button to lower the lift.

If the door lock does not release automatically when the lift is down, press the door button on the control station. If this does not work, see ‘Emergency Unlocking’.

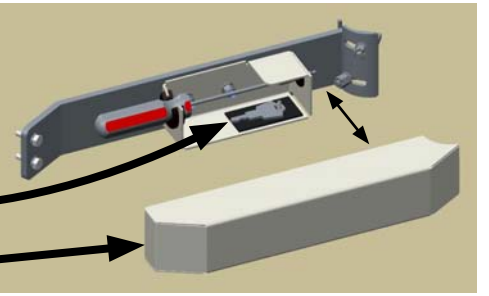
A. Lock bar unit



B. Lock bar unit - panel removed

C.
Emergency lowering key for control panel

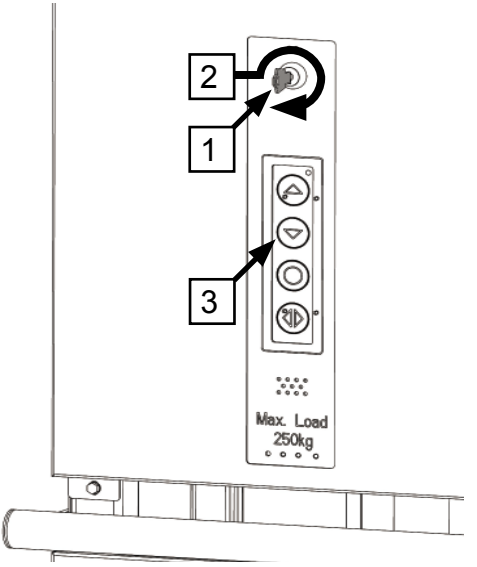
Remove panel firmly by pulling forward



D.
1. Insert Key

2. Turn key clockwise

3. Press ‘down’ button (while key is turned)



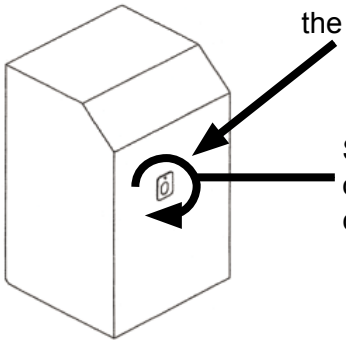
2. Lowering the lift from <u>outside</u> the lift car.

If the lift has stopped mid level and the customer is unable to get the lift up or down then the only time it should be lowered by the emergency valve is if:

- There is a 2nd person around the lift area at the lower level to ensure that nothing goes under the lift during the lowering by the first person.
- OR the person lowering the lift has sight of the area under the lift.

Person A:

- Ensure the lift door is fully closed.
- Turn off the mains supply to the lift.
- Locate the hydraulic power unit, normally outside the property (see illustration below).
- Using the Torx Driver supplied, swivel the small metal cover plate on the front face of the housing to reveal an access hole (see illustration below).
- The red cord revealed in the access hole now needs to be pulled continuously to lower the lift car slowly.
- After 5 seconds release the cord and check with person B that the aperture infill panel is following the carriage. If so, resume pulling the cord as before.
- Once the lift is at the lower level turn the mains supply back on and secure flap.



Person B:

- Remain in the house by the lift and communicate with Person A to ensure the safe lowering of the lift.
- Ensure that no object, person or pet are in the path of the lift travel.
- Confirm that the aperture infill panel follows the lift during descent and locates fully in the floor to guard against the possibility of anyone falling down the lift way.

Emergency unlocking

The lift car door is designed so that it will only unlock when the lift is within 25mm of each floor served. If for any reason the lock does not function, it can be over-ridden by one of the following methods:

1. To release the lock from inside the car. (pg.16)

2. To release the lock from outside the car. (pg.18)

IMPORTANT:
The door lock may only be manually over ridden from inside the lift car if:

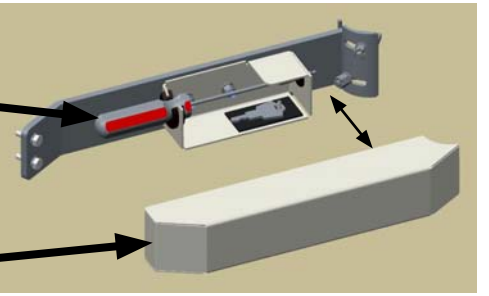
- The lock has failed and does not respond to operation using the normal controls.
- The lift is stationary at the upper or lower landing.

1. **To release the lock from <u>inside</u> the car**

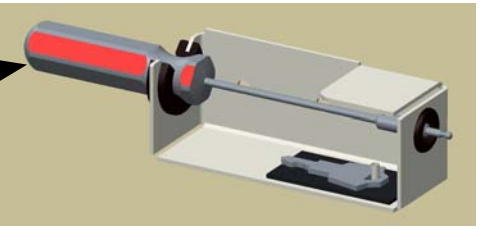
   Within the lock bar unit, there is also a tool to enable the lock to be over-ridden. The lock bar panel must be removed by firmly pulling it forward as shown below.

Emergency release tool

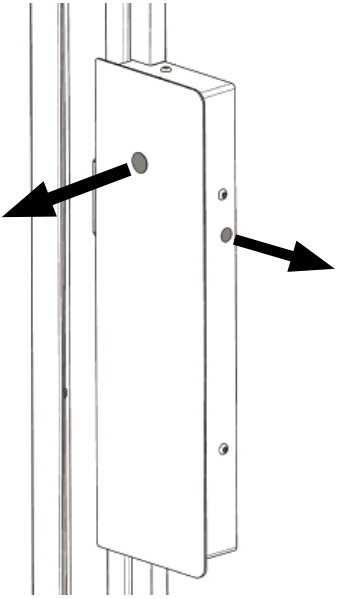
Remove panel firmly by pulling forward

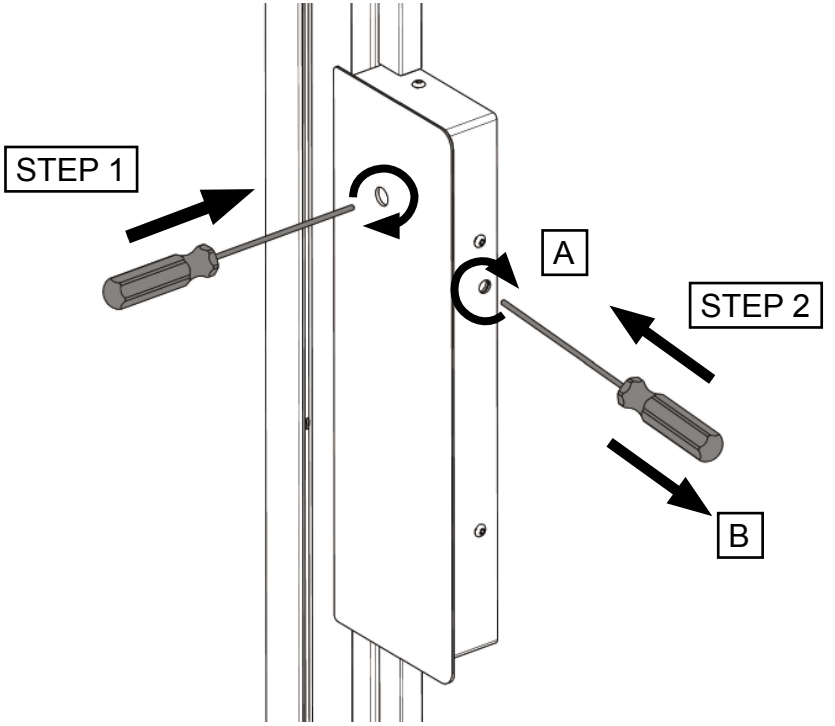


Lift release tool upward and out to remove it from holder



The door handle on the inside of the door has two hole covers which must be removed to gain access to the lock.





TO RELEASE THE LOCK **STEP 1:**

- Insert the tool as shown and engage the tip of the tool in the socket inside the lock box.
- The tool must then be turned approx. a quarter of a turn (clockwise or anti-clockwise) - a click can be heard.
- The lock drive unit is now disengaged. Remove the tool.

TO RELEASE THE LOCK **STEP 2:**

A. The tool must be screwed into the end of the lock bolt (clockwise)
B. The tool must then be pulled away from the lock box, which will pull the lock bolt to the unlocked position.

The door will now open.

2. To release the lock from <u>outside</u> the car

- The 'lock tool' (T) is attached with a magnet to the side or the back of the guide, as agreed with the client.

TO RELEASE THE LOCK **STEP 1:**

- Insert the tool as shown (1) and engage the tip of the tool in the socket inside the lock box.
- The tool must then be turned approx. a quarter of a turn (clockwise or anti-clockwise) - a click can be heard.
- The lock drive unit is now disengaged. Remove the tool.

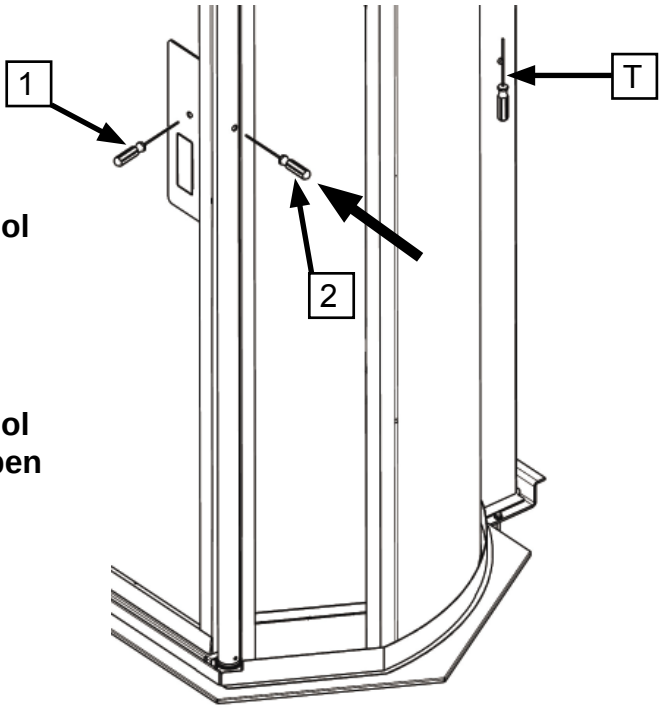
TO RELEASE THE LOCK **STEP 2:**

- Remove the hole cover from the round upright tube at the point where the lock operates, next to the handle (2)
- Insert the tool in the hole until it engages with the end of the lock bolt. A firm push will then release the lock.

The door will now open.

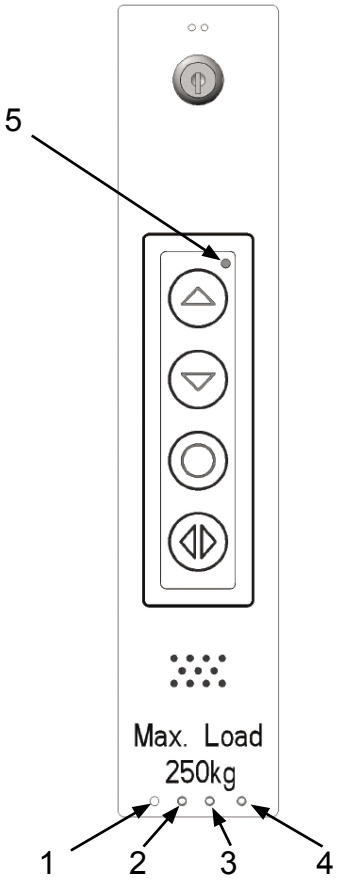
Step 1: Engage tool & Turn to release

Step 2: Engage tool & Firm push to open



FAULT FINDING

The most likely cause of your lift failing to operate is the door not being fully closed or something obstructing the travel of the car. To assist in identifying the cause, the car is fitted with a simple system of coloured indicator lights on the rear panel. The left hand (red/green) light is an indicator for the optional GSM communication system and is normally off. The illustration below shows the light positions.



Along the bottom from left to right:
1. Red/Green light - Normally off. Indicates optional GSM unit operation.
2. Blue light - Comes on when door fully closed (and when lift has been activated with optional fob).
3. Green light - Indicates that upper car safe edge is ok. Will be off when car descends
4. Yellow light - Indicates that lower car safe edge is ok. Will be off when car ascends.

And above the UP button:
5. Red Light - Normally on. Will be off if power pack emergency circuit is broken.

Lift Malfunction

Fault	Indication	Cause	Remedy
No lift function at all	Red light (5) on	No power to lift	Check mains is on and reset RCD at main board if required.
No lift function at all	Red light (5) off	Power pack emergency circuit broken	Call a suitably trained Engineer
Car will not travel in either direction	No blue light on car panel	Door not shut or remote fob off	Press the door button Press the button on fob
Car will not go up	Green off on car panel	Car safe edge obstruction	Remove obstruction or free safe edge
Car will not go down	Yellow off on car panel	Car underpan obstruction	Remove obstruction from beneath surface

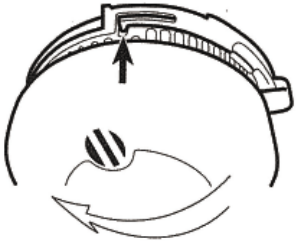
Smoke Alarm Malfunction

Indication	Cause	Remedy
Alarm beeps twice every 45 seconds	Unit Malfunction	Call an engineer
Alarm does not sound upon pressing test button	Unit Malfunction	Call an engineer
The operating light remains steadily on or off (ie. Does not f ash approximately once every 45 seconds when unit not in alarm)	Unit Malfunction	Call an engineer

Low Battery Warning Indication

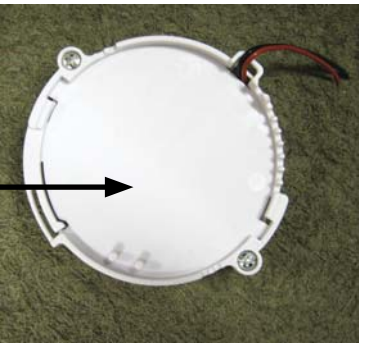
Indication	Cause	Remedy
Single short beep on lift car every 2 minutes	Low Handset battery	Replace CR2450 batteries in handset
Double short beep on lift car every 2 minutes	Low smoke alarm battery	Replace AA batteries in smoke alarm CE1859 Lifestyle Smoke Alarm board
Double long beep on lift car every 2 minutes	Smoke alarm battery dangerously low	Replace AA batteries in smoke alarm CE1859 Lifestyle Smoke Alarm board

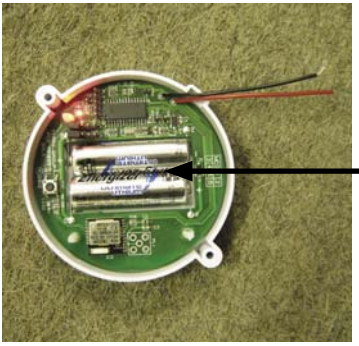
CHANGING SMOKE ALARM BATTERIES



1. To change the batteries push upwards on this part of the alarm base with any small tool, then turn alarm clockwise.

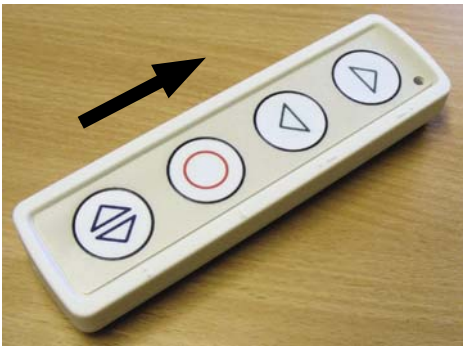
2. Unscrew the alarm base plate from the box





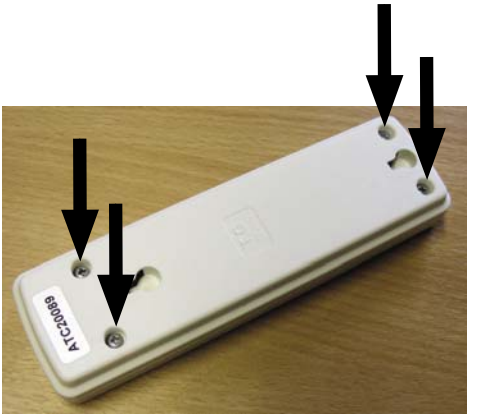
3. Fit the two AA style Lithium batteries into the board battery holder as shown.

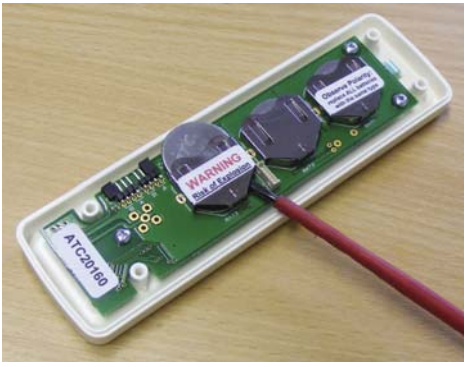
CHANGING CALL STATION BATTERIES



1. The call station can be removed from the wall by sliding the case upwards

2. Remove the four screws in the back with a posi-drive screwdriver





3. Using a screw driver, gently push the battery out a short way and then pull using f ngers

CRITICAL:
It is critical that all three batteries are replaced with new ones of the same type, manufacture and age, that they are f tted at the same time and that they are correctly oriented.

SAFETY FEATURE CHECKS

AS A PRECAUTIONARY MEASURE WE ADVISE PERIODIC (WEEKLY) CHECKS OF THE SAFETY FEATURES BUILT INTO YOUR LIFESTYLE LIFT AS FOLLOWS:-

Refer to pg.6

1 CAR UPPER SAFE EDGE

With the lift at lower level, press the ‘up’ button on the wall station, when lift starts to ascend press downwards on the plastic car upper safe edge, the lift should stop.

2. CARRIAGE UNDERFLOOR SAFETY UNDERPAN

With the lift at approximately eye level press the ‘down’ button on wall station, when lift starts to descend press upwards on the carriage underpan, the lift should stop.

Raise lift and, if possible, repeat operation on opposite side of lift.

THESE CHECKS SHOULD BE CARRIED OUT WITH THE LIFT UNOCCUPIED.

If any of the above checks fail, the lift MUST NOT be used and advice sought from Terry Group Ltd on 0845 365 5366.

Servicing & Maintenance

Dependent on frequency of use, this lift should be serviced at least every 12 months. This service should be conducted by competent persons trained in servicing and repair of the product.

SERVICE HISTORY RECORD

An entry should be added to the following table every time the lift is serviced.

Date	Engineer	Company	Comments

DECLARATION OF CONFORMITY

CE

Lift Type: Lifestyle Lift

This lift was manufactured by TERRY GROUP Ltd., who declare that this lift fulfils all the relevant provisions of the following Directives:

2004/108/EEC	Electromagnetic Compatibility Directive
2006/42/EC	Machinery Directive

This lift also fulfils all the relevant provisions of the following Standards:

BSEN 12015:2004	Electromagnetic compatibility. Product family standard for lifts, escalators and moving walks. Emission.
BSEN 12016:2004 +A1: 2008	Electromagnetic compatibility. Product family standard for lifts, escalators and moving walks. Immunity.
BS5900:2012	Powered homelifts with partially enclosed carriers and no liftway enclosures – Specif cation

Person authorised to compile Technical File:
Greg Gnyp, Terry Group Ltd., Longridge Trading Estate, Knutsford, Cheshire, WA16 8PR

This declaration was completed at Terry Group Ltd., Longridge Trading Estate, Knutsford, Cheshire, WA16 8PR, on 26 April 2012.

This compliance is only valid if the installation test Certificate has been completed and signed by a competent lift engineer which confirms that it has been installed to the latest installation instructions.

TERRY GROUP Ltd.

P.Morrey (Managing Director)

LIFT SPECIFICATION

Address of manufacturer:-
Terry Group Ltd.
Unit 1 Longridge Trading Estate
Knutsford
Cheshire
England
WA16 8PR

Lift serial No:	Year of manufacture:
Safe working load	250kg
Maximum travel	3.6 metres
Duty cycle	10 cycles per hr with max load
Average noise level	65 Dba
Power supply	Dedicated 240V ~ 50/60 Hz single phase supply
Control voltage	12V DC
Hydraulic pump power consumption	750W maximum
Hydraulic oil grade	T22
Test specification	Manufactured and tested to BS5900
Fire specification	Half hour fire integrity through aperture, assessed by Warrington Fire Research Centre.

For technical help,
sales or service enquiry telephone:

Terry Lifestyle®

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Made in England

Ref: ED30550