



FOR A SMOOTHER RIDE IN LIFE



Manufactured by Bison Bede Ltd., Unit 9, No 1 Industrial Estate, Consett, County Durham DH8 6ST.

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USER MANUAL



FOR A SMOOTHER RIDE IN LIFE

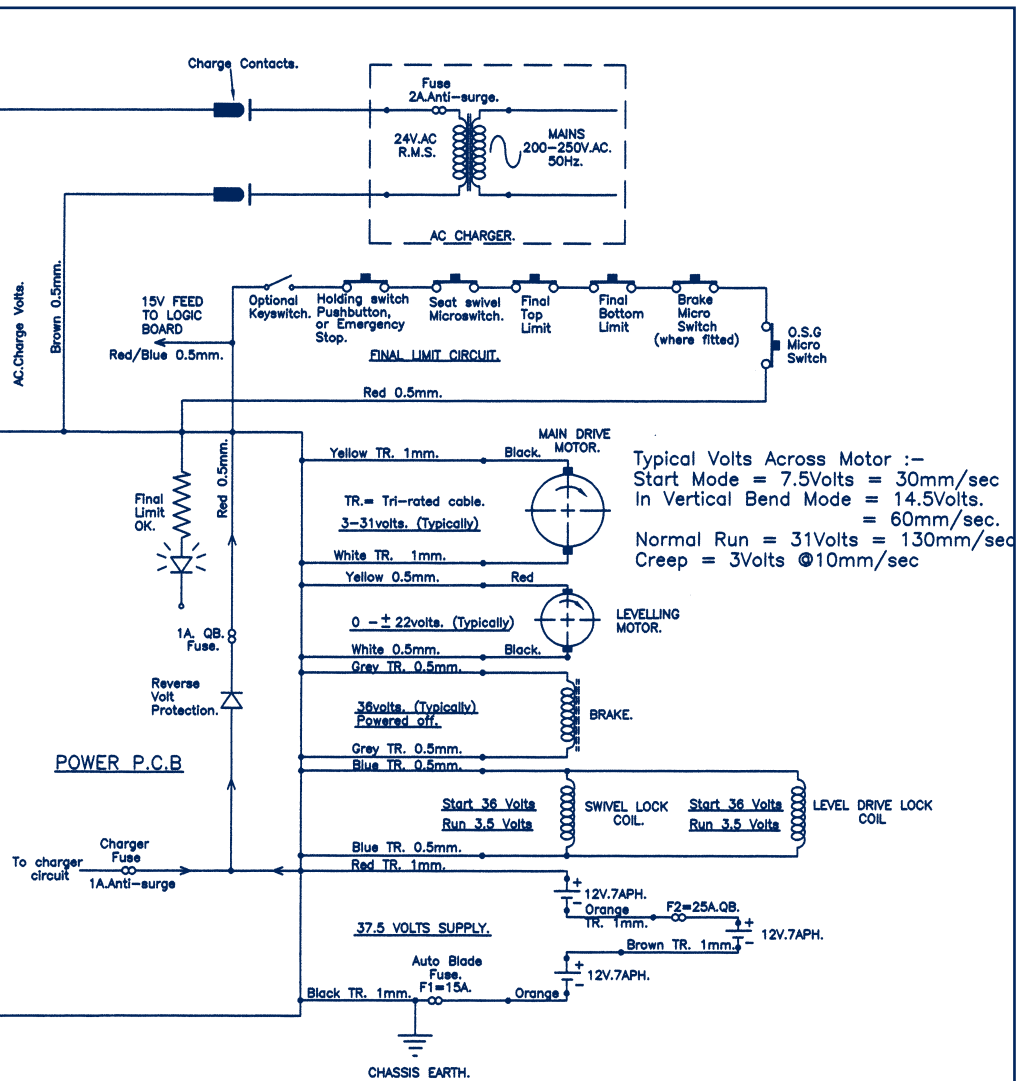
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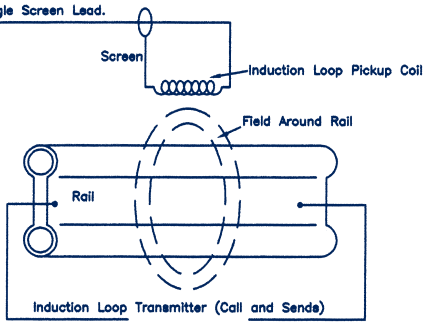


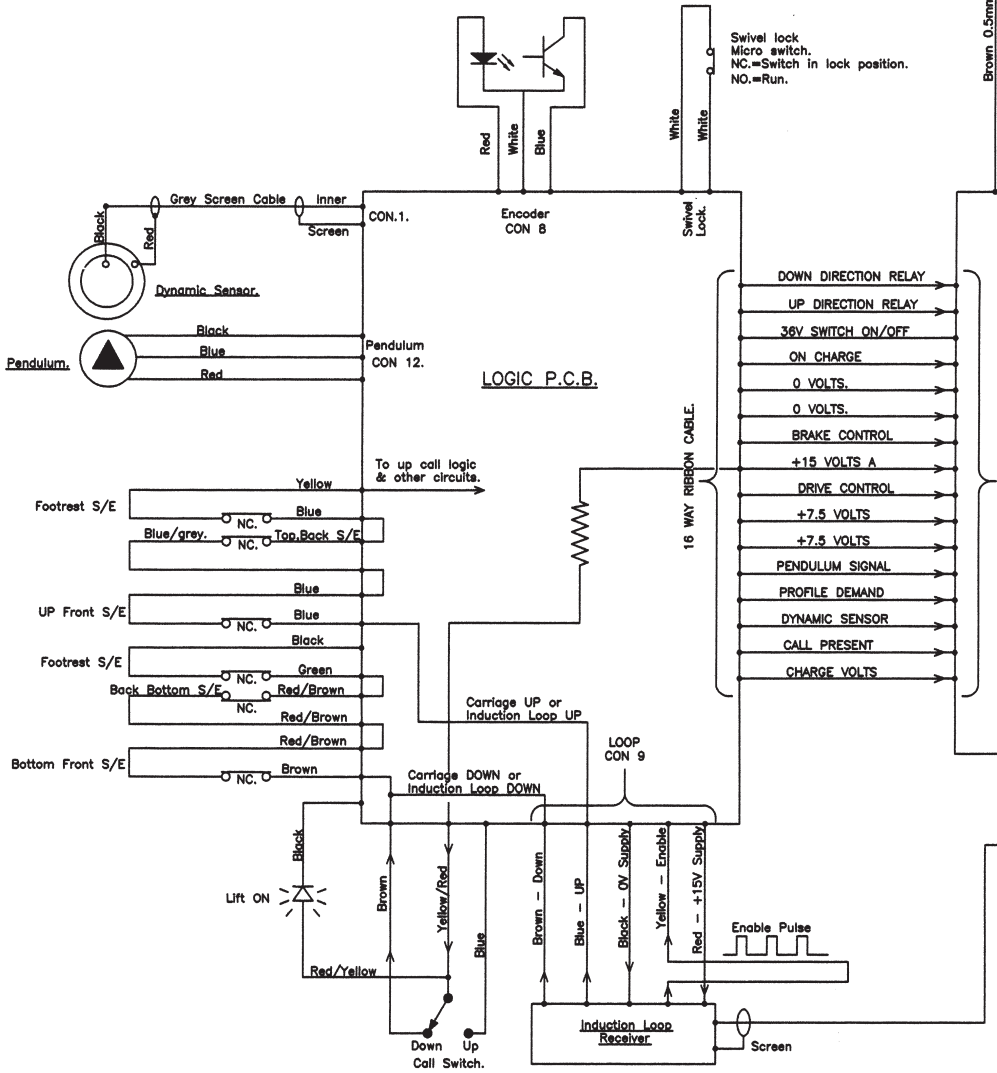
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Typical Volts Across Motor :-
 Start Mode = 7.5Volts = 30mm/sec
 In Vertical Bend Mode = 14.5Volts.
 = 60mm/sec.
 Normal Run = 31Volts = 130mm/sec
 Creep = 3Volts @ 10mm/sec





Brown 0.5mm.

INTRODUCTION

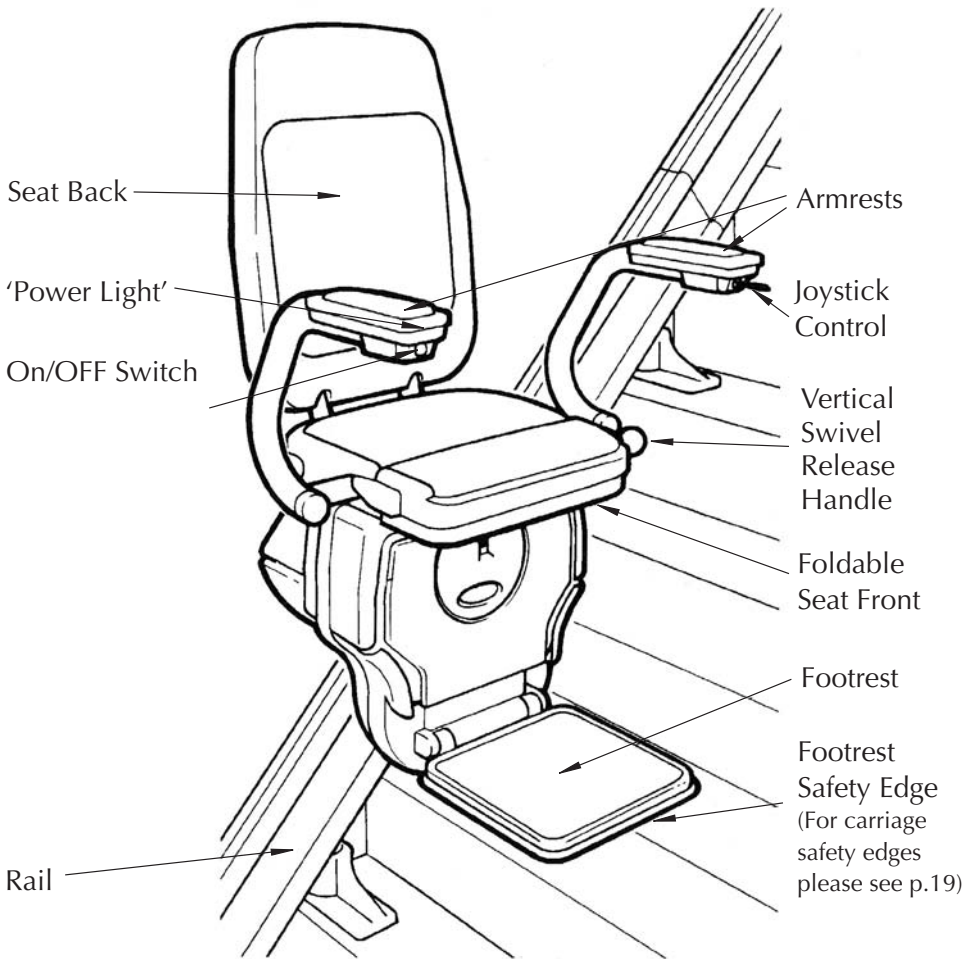
Congratulations on the installation of your Bison Bede *Contour* curved rail stairlift. Your Bison Bede stairlift has been designed for simplicity and safety and has been fitted to your stairs by a Bison Bede distributor, who will advise you on the ongoing use of the stairlift and answer any queries which arise.

This user manual is to help in providing an understanding of the correct and safe use of your stairlift, and in doing so secure the protection afforded under the warranty. Your stairlift is guaranteed for 12 months from the date of installation and routine servicing and maintenance are included in this overall guarantee.

Especially where safety is involved it is important to ensure correct replacement parts are chosen. Bison Bede Ltd. cannot be held liable for any replacement parts supplied by third parties.

MAIN FEATURES

It is important to read these instructions fully to familiarise yourself with the controls and operating procedures before you use the stairlift.



SERVICE HISTORY

CONTOUR CURVED SERIAL No:

INSTALLATION DATE:

INSTALLATION ENGINEER:

Service No.

1	Date	Completed by
2	Date	Completed by
3	Date	Completed by
4	Date	Completed by
5	Date	Completed by
6	Date	Completed by
7	Date	Completed by
8	Date	Completed by
9	Date	Completed by
10	Date	Completed by

TROUBLESHOOTING

3. Charge Point Alarm is Beeping

This indicates that the stairlift has not been parked on a charge point. Please move the lift onto a charge point at which point the beeping will cease and the batteries will begin recharging.

If the stairlift still fails to operate, contact:

SERVICING

Great care has been taken to ensure the safety of the stairlift users and for this reason it is essential that a service, including critical safety checks, be carried out at least once a year. An ongoing service and safety check contract should be taken out after the guarantee has expired, so that your stairlift is correctly maintained by a Bison Bede trained engineer. Information on service and safety check contracts will be sent to you prior to the warranty expiry date.

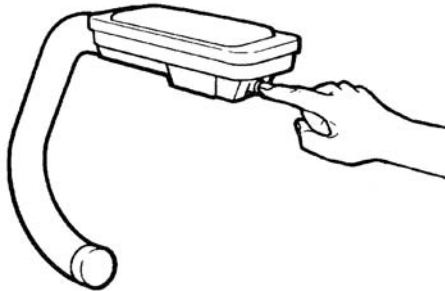
Please note:

The 12 month guarantee excludes the following:

- Abuse, misuse or negligence.
- Improper operation or maintenance.
- Modification or repairs carried out by unauthorised persons.

IMPORTANT SAFETY INFORMATION

- **Warning** - before using the stairlift ensure the weight limits are observed (one person in the seated position at a maximum weight of 120kg (19 stones), that there are no obstructions and that the lighting in the stair and landing area is adequate. A seat belt is provided and should be used.
- The lift has been provided with an on/off switch to allow you to switch off the power to the lift. The main function of this switch is as a carriage holding device, for use when getting on/off the lift at landings and preventing other parties from moving the lift. This is located in the arm-rest and takes the form of a push button.

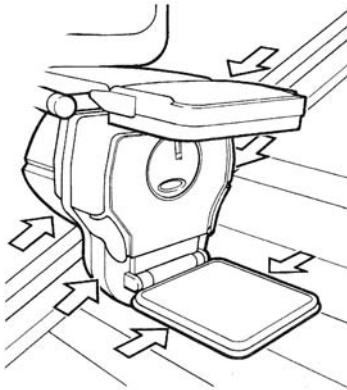


IMPORTANT INFORMATION

- The equivalent continuous A-Weighted Sound Pressure Level of this equipment does not exceed 70dB (A).
- The user maintains complete control of the lift by means of the joystick located in the end of one of the seat arms. Operation of the joystick, in either direction, will cause the lift to move. There will be an initial delay of approximately several seconds for added safety to prevent sudden, inadvertent movement of the stairlift, before the lift slowly moves off, accelerating gradually.
- **Please note** the unique *Contour* stairlift slows down on the bends for your comfort and safety - this is perfectly normal. Maintaining pressure on the joystick will keep the lift in motion until it stops automatically at the end of the rail. The stairlift will slow down as it reaches the stopping point at the top and the bottom of the rail - please wait until the lift has come to a standstill before releasing the joystick.
- If your stairlift has a hinged rail, please ensure the hinged section is in the down position (joint should be fully closed) before the lift is operated. The lift will not operate if the hinge is open.

TROUBLESHOOTING

- Green light on armrest labelled 'Power' is **ON** - check that the on/off switch (push button or keyswitch) is turned **ON**.
- There is no obstruction to the pressure sensitive edges on the carriage or footrest.
- On swivel seat models: check that the seat has locked correctly into position, facing across the stairs.



- If the rail has a hinged bottom section: ensure rail is in the down position.

2. The lift is running more slowly or failing to carry load.

- Ensure the mains power switch is **ON**. If this has been switched off for any length of time, switch **ON** and leave to recharge for a minimum of 6 hours.

CLEANING

Your stairlift has been designed so that very little day-to-day cleaning is required. For your safety we recommend you switch off the mains supply before commencing cleaning. The seat fabric can be cleaned as necessary with a damp cloth and mild detergent and, every two weeks or so, the rail surfaces should be cleaned with a proprietary brand of aerosol-type furniture polish or damp cloth. The paint finished surface on the rail may show signs of wear or chipping over time as a natural consequence of stairlift operation. Bison Bede are happy to offer a touch up paint upon request.

CHILDREN AND PETS

- Children should not be allowed to tamper with or play on the stairlift. Joyriding is dangerous.
- Check that household pets are not in the way before using the lift and always remain vigilant whilst in motion.

TROUBLESHOOTING

The stairlift has many built-in-safety features to protect the user and others with whom it may come into contact. Where appropriate these should be checked before calling in a service engineer.

1. Lift fails to operate.

Please check the following:

BATTERY DRIVE

Your Bison Bede stairlift is driven by three 12 Volt/7 Amp hour sealed, maintenance-free batteries. These batteries are automatically recharged every time the stairlift is parked on the charge points at the top and bottom of the rail. The stairlift may still be used when the batteries are still being charged.

- A bleeper **will** sound when the lift is stationary and **off** the charge point.

If the mains power supply to the stairlift charger is switched off, it will cause the batteries to run down. If the power supply has been switched off for a number of days the batteries may run flat. If this happens, switch on the mains supply and leave to recharge for a minimum of 6 hours before using.

In the event of a power cut, the stairlift will continue to operate. During a power cut, the holiday switch should be switched **off** after each operation to prolong battery life.

OPERATION AND USE

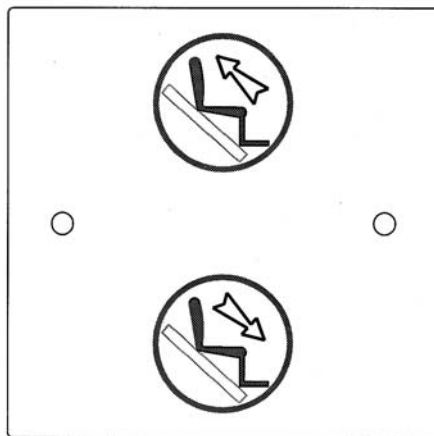
See illustration on page 4 showing the principal component parts and relevant controls.

1. CALL AND SEND CONTROL UNITS

Your stairlift has one separate control system, designed for easy use. The call and send unit is positioned for convenience on the wall at the top and bottom of the stairs.

Controls are clearly marked **UP** and **DOWN**. The stairlift will stop in the event the control buttons are released. It will also stop automatically on arrival at the rail ends.

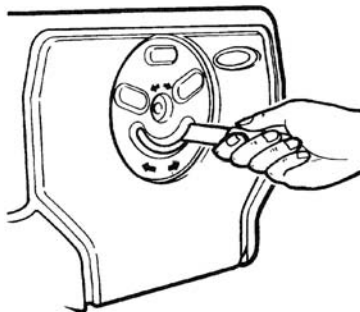
There is a time delay of approximately 3 seconds between the switch action and the lift movement. This is a built-in safety feature to prevent sudden, inadvertent movement of the stairlift.



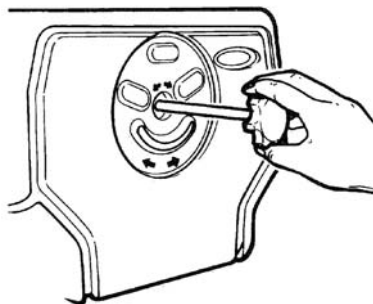
OPERATION AND USE

Steps 3 and 4 only if available:

3. Locate brake release handle on the brake release lever through slot.
4. Release brake by moving lever clockwise.



5. Locate hand winding tool on drive shaft through hole.
6. Turn hand winding tool to move lift up or down as required.



7. Remove hand winding tool.

Steps 8 and 9 only if available:

8. Engage brake by moving brake release handle anti-clockwise.
9. Remove brake release handle.
10. Replace plastic cover

***NOTE : LIFT WILL NOT OPERATE UNLESS THE BRAKE IS ENGAGED.**

9. PROGRAMMABLE RAIL

If you have used the emergency handwinder your carriage may need re-programming. Please contact your supplier.

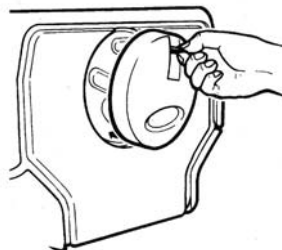
OPERATION AND USE

8. HAND WINDING FOR EMERGENCY OPERATION

In the event of an electrical failure or other emergency, the stairlift has a hand wind facility. A hand winding tool and brake release handle are supplied with the stairlift and should be kept conveniently close at hand in case of emergencies.

EMERGENCY OPERATION IS TO BE UNDERTAKEN ONLY IN ACCORDANCE WITH THE FOLLOWING PROCEDURE:

1. The electrical supply must be switched off and the carriage kept under constant surveillance during emergency operation.

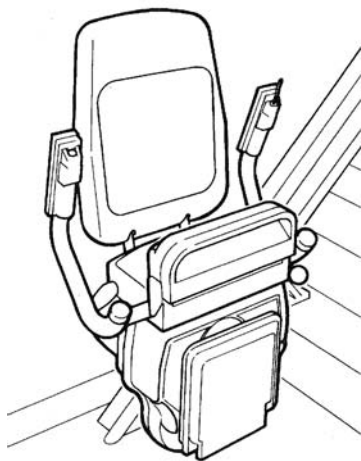


2. Remove the plastic disc on the carriage marked 'Manual Operation' by raising the black latch. You are now ready to follow the steps outlined below and on the inside of the manual operation cover:

OPERATION AND USE

2. UNFOLDING THE STAIRLIFT

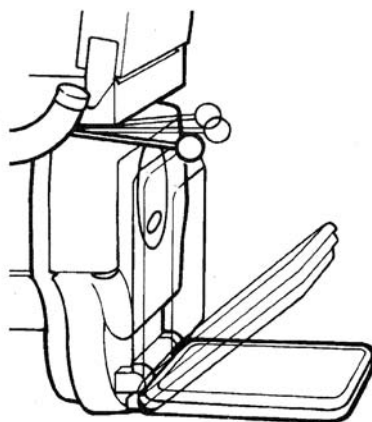
To unfold the stairlift ready for use, simply lower the front of the seat, the two armrests and the footrest.



Footrest Linkage

If your *Contour* has a footrest linkage, simply unfold the footrest by pulling the lever out and then moving the lever under the seat horizontally across the front of the seat until the footrest is down.

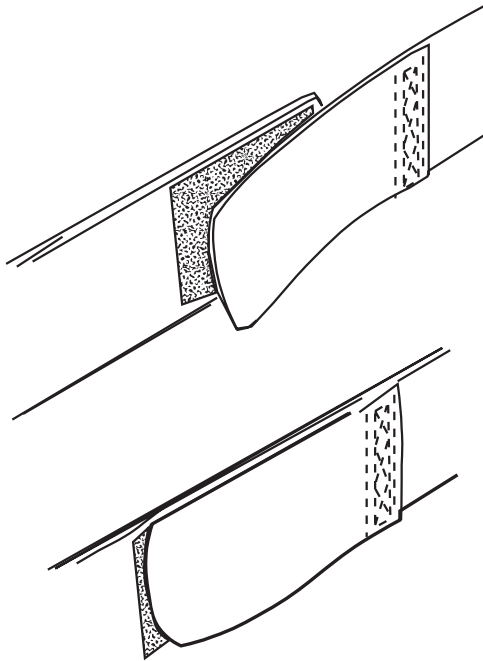
Once the footrest is down you are then free to lower the front of the seat and the armrests ready to use the stairlift.



OPERATION AND USE

3. SEAT BELT

It is strongly recommended that the seat belt should be used at all times. The seatbelt is of a velcro fastening type and should be adjusted to the correct length for the relevant user.



OPERATION AND USE

Closing the hinge

1. Check that the area is free from any obstructions.
2. Keep objects and fingers away from the hinge joint and moving parts.
3. **Powered:** press the **DOWN** button on the control box for the powered folding hinge and keep it pressed until the hinge stops moving and is back to its original position.

Manual: Lower the folding hinge section manually using the black handle.

4. You are now free to call the stairlift to the bottom of the stairs using the lift push button controls on the wall and use the stairlift as normal.

Notes:

- the carriage will not move until the hinge is fully closed
- in the event of a power failure the hinge can be moved by hand
- The hinge is designed to be maintenance free, therefore any failure resulting in the hinge not opening or closing should be subject to a service call.

POWERED HINGE RAIL - POTENTIAL TRAPPING HAZARD

If the lift is fitted with a powered folding hinge rail, ensure as far as is reasonably practicable, that no-one is in the vicinity of the lifting rail section before operating the hinge.

Particular care should be taken when lowering the hinge as a potential trapping hazard is present.

Ensure that anyone in the household is aware of the possible movement of the hinge when the stairlift is in use.

OPERATION & USE

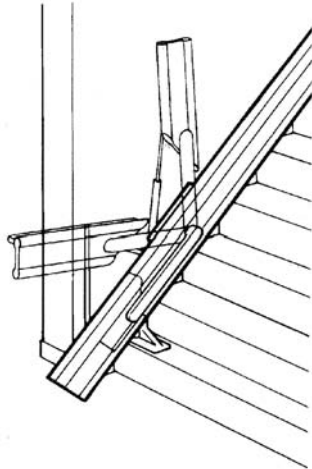
7. FOLDING HINGE RAIL

Where the stairlift may cause an obstruction, the final section of the rail will be hinged so that it can be lifted up, either manually or, if powered, by push button controls on the wall. The lift will not operate unless the hinge section is in the down position.

Opening the hinge

1. Fold the stairlift seat, arms and footrest to allow room for other people to use the staircase.
2. Position the carriage at least 3 steps (700mm) above the rail joint, to the nearest charge point, using the push button control on the wall.
3. Check that the area is free from any obstructions.
4. **Powered:** press the UP button on the control box for the powered folding hinge and keep it pressed until the hinge stops moving and the passage is clear.

Manual: Raise the hinged section manually using the black handle.



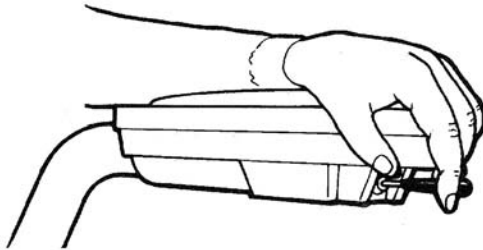
OPERATION & SAFETY

4. SEAT ARM JOYSTICK CONTROL

For operation the seat, armrests and footrest must be correctly positioned (unfolded) facing across the staircase.

Once seated comfortably, with the seatbelt fastened, check for obstructions or that anyone else is using the staircase. Move the joystick (positioned in the armrest) in the direction you wish to travel.

The joystick must be held in this position during the period of the lift travel. If it is released for any reason, the stairlift will stop and will not restart until the joystick is operated again.



There is a time delay of approximately several seconds between the joystick action and lift movement. This is a safety feature to prevent sudden, inadvertent movement of the stairlift.

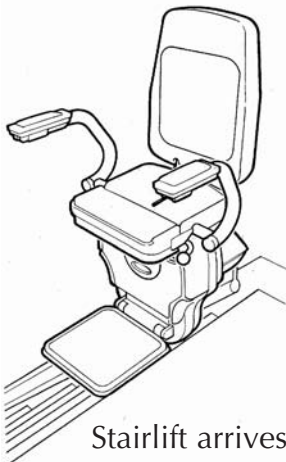
Please note that your *Contour* stairlift has been designed with safety in mind and for this reason the lift will slow down slightly when it reaches a bend in the rail. This is part of the normal operation of the stairlift.

OPERATION & USE

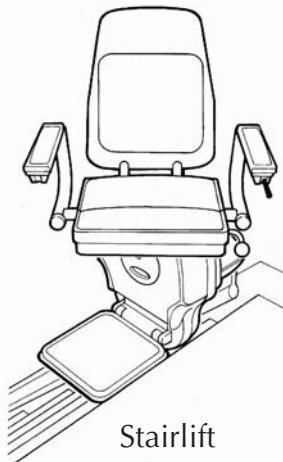
IMPORTANT: Ensure the lift is switched off (at push button or key switch) before getting on or off the lift.

5. SWIVEL SEAT MODEL

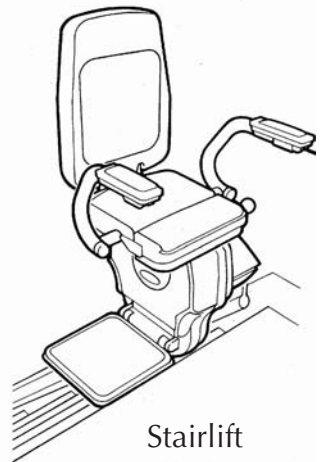
The seat will swivel at the upper landing position. Press the swivel release handle down and hold (see Main Features, page 4). Turn the seat towards the landing and release immediately if the seat is required to turn and lock at 45° to the stair. If the seat is required to turn through 90°, hold the handle down past the 45° position and then release. The seat will automatically lock at 90° and you can alight from the stairlift.



Stairlift arrives at top of stairs



Stairlift swivelled to 45°



Stairlift swivelled to 90°

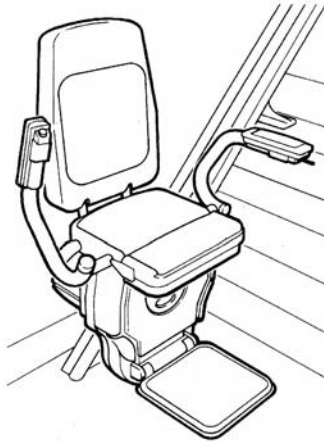
This movement isolates the stairlift from all controls.

OPERATION & USE

IMPORTANT: Ensure the lift is switched off (at push button or key switch) before getting on or off the lift.

6. FIXED SEAT MODEL

When access to the lift is required at the **bottom** of the stair, bring the stairlift down to its maximum low point and raise the seat arm on the **down** side.



When access is required at the **top** of the stairs, bring the stairlift up to the maximum high point and raise the seat arm on the **up** side.

