

AmeriGlide Imperial | USER MANUAL



EN

Smart seat
Simplicity seat
Style seat

AmeriGlide
Accessibility Solutions

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FOREWORD

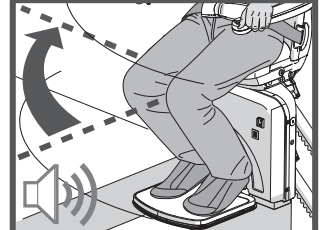
Thank you for choosing a AmeriGlide stair lift. This manual is for the AMERIGLIDE IMPERIAL lift type, and includes instructions for the standard features and optional upgrades.

Make everyday life easier....

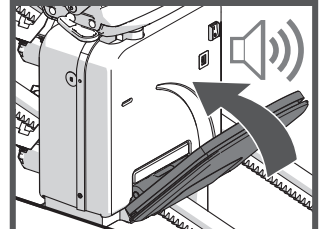
SMART SEAT

OPTIONS

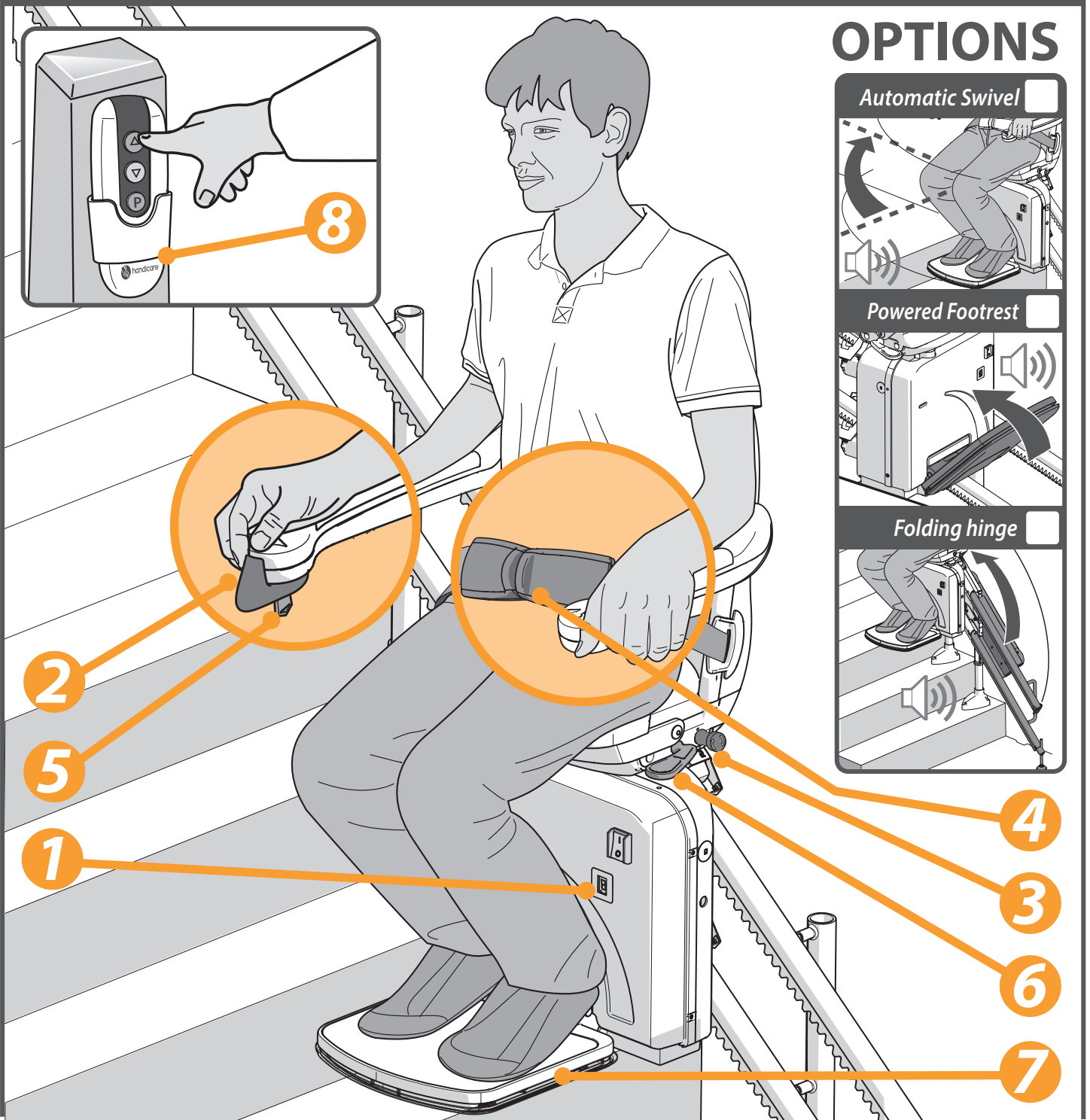
Automatic Swivel ☐



Powered Footrest ☐



Folding hinge ☐



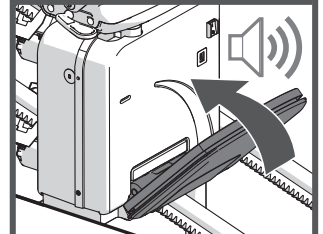
The illustration above shows the features used to operate the SMART seat. The SMART seat can be upgraded with the Automatic Swivel seat, Powered Footrest and the Folding hinge, options to create even more seat comfort and user-friendliness.

- [1] Diagnostic Display
- [2] Joystick
- [3] Emergency stop
- [4] Seat belt
- [5] Key switch
- [6] Seat swivel lever
- [7] Footplate
- [8] Remote control

SIMPLICITY SEAT

OPTIONS

Powered Footrest ☐



Folding hinge ☐



The illustration above shows the features used to operate the SIMPLICITY seat. The SIMPLICITY seat can be upgraded with the Automatic Swivel seat, Powered Footrest and the Folding hinge, options to create even more seat comfort and user-friendliness.

- [1] Diagnostic Display
- [2] Joystick
- [3] Emergency stop
- [4] Seat belt
- [5] Key switch
- [6] Seat swivel lever
- [7] Footplate
- [8] Remote control

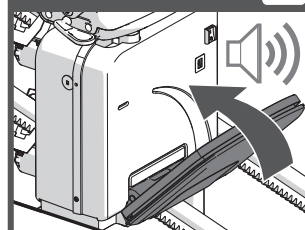
STYLE SEAT

OPTIONS

Automatic Swivel ☐



Powered Footrest ☐



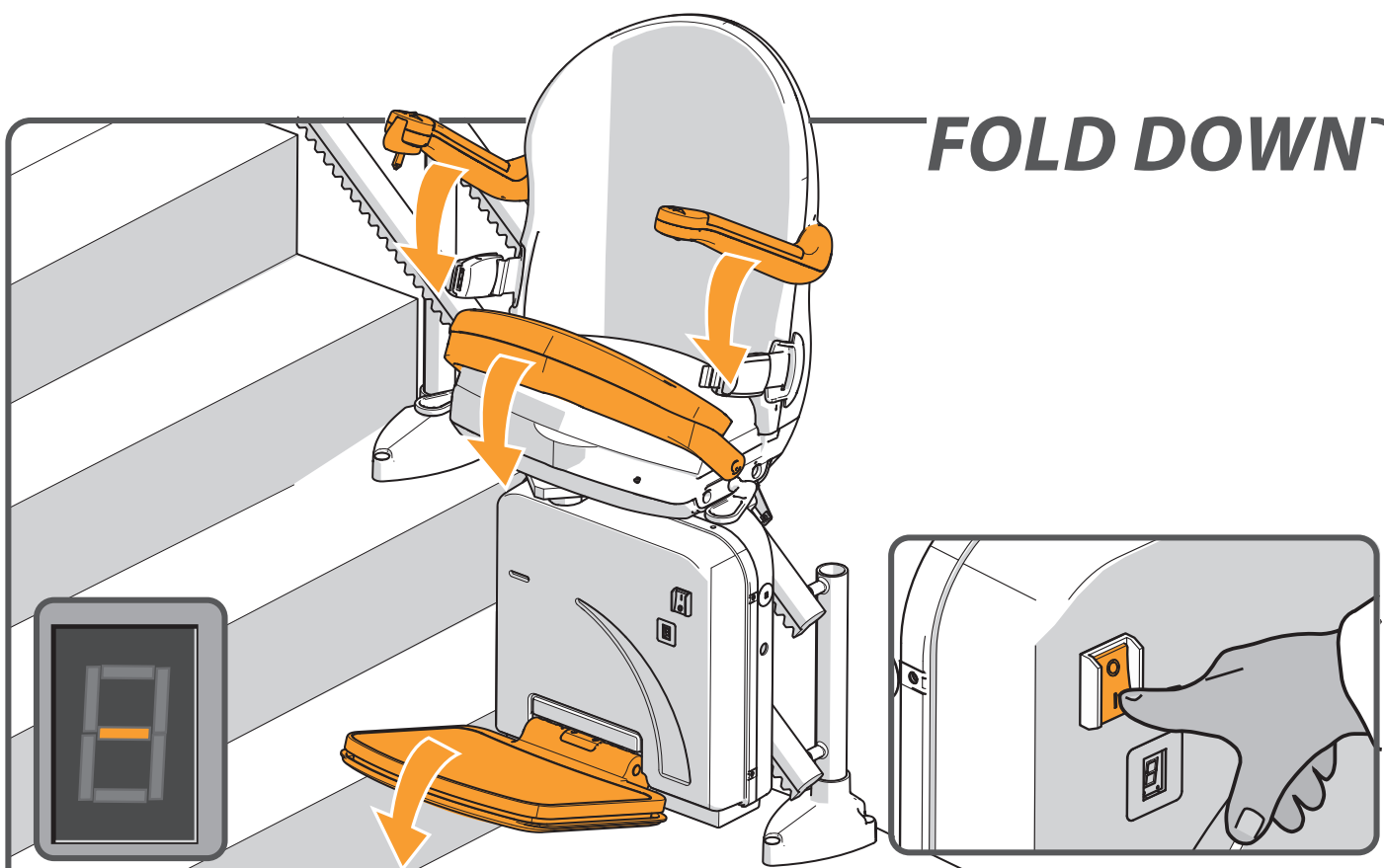
Folding hinge ☐



The illustration above shows the features used to operate the STYLE seat. The STYLE seat can be upgraded with the Automatic Swivel seat, Powered Footrest and the Folding hinge, options to create even more seat comfort and user-friendliness.

- [1] Diagnostic Display
- [2] Joystick
- [3] Emergency stop
- [4] Seat belt
- [5] Key switch
- [6] Seat swivel lever
- [7] Footplate
- [8] Remote control

FOLD DOWN



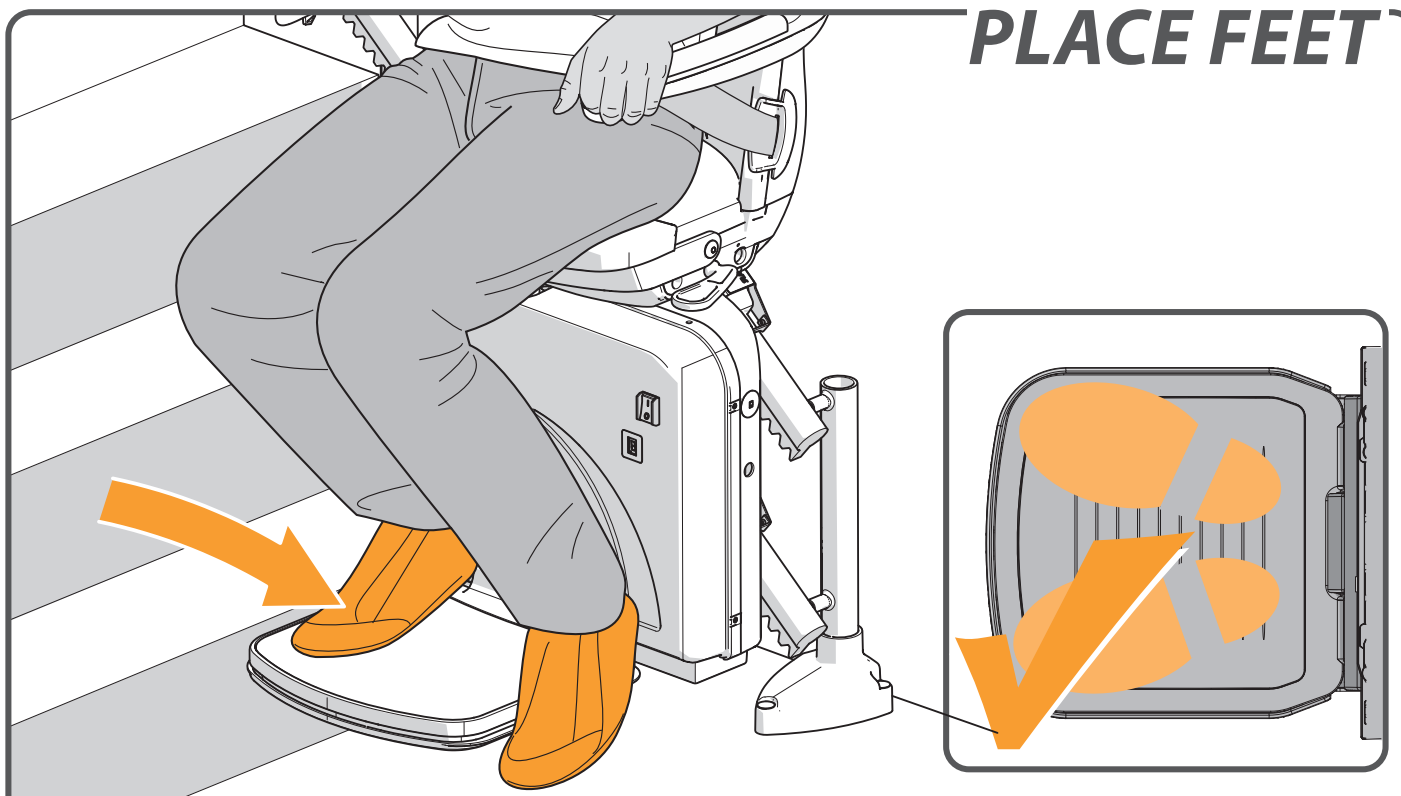
Ensure that the on/off switch is set in the 'ON' position. The diagnostic display will be illuminated when switched on.

Fold down the footplate, the armrests and seat.



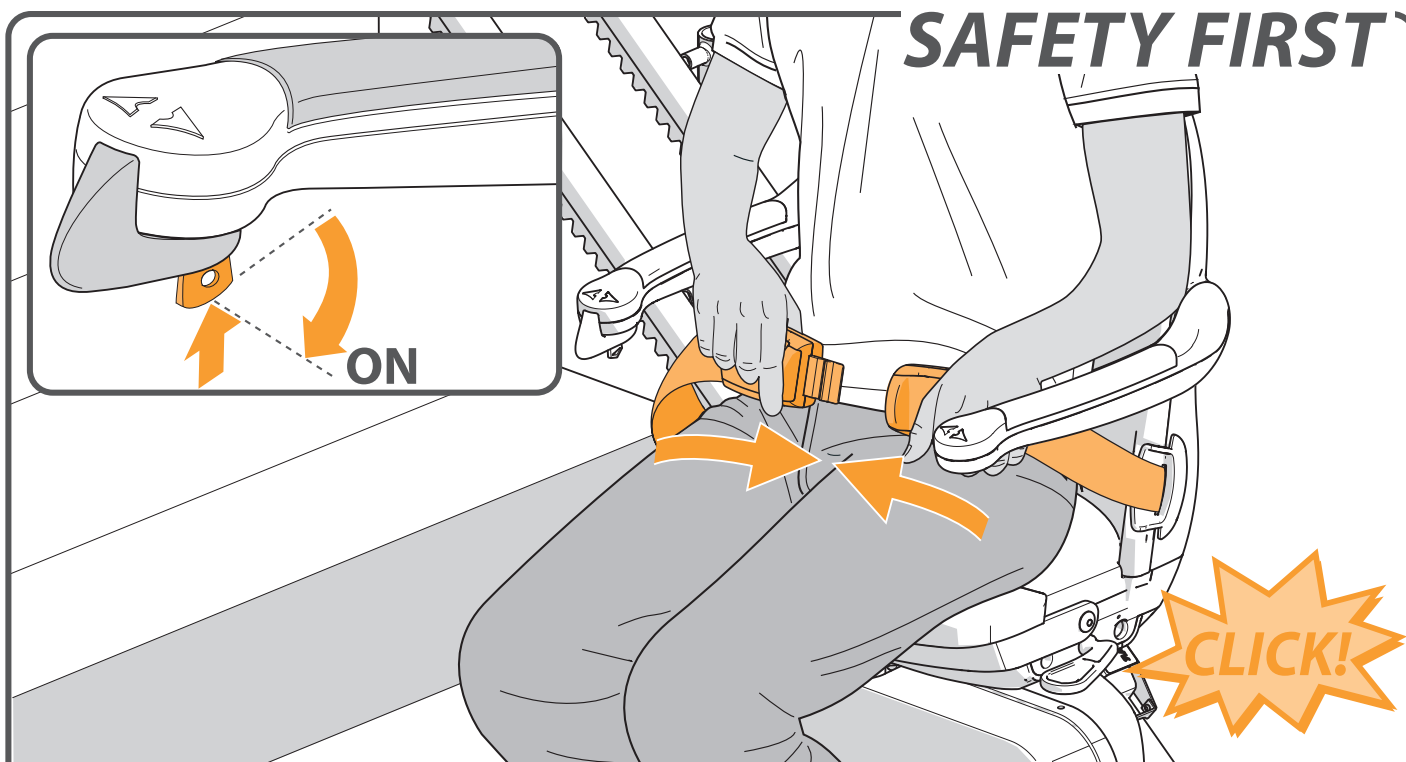
page 12 > OPTIONAL POWERED FOOTREST

PLACE FEET



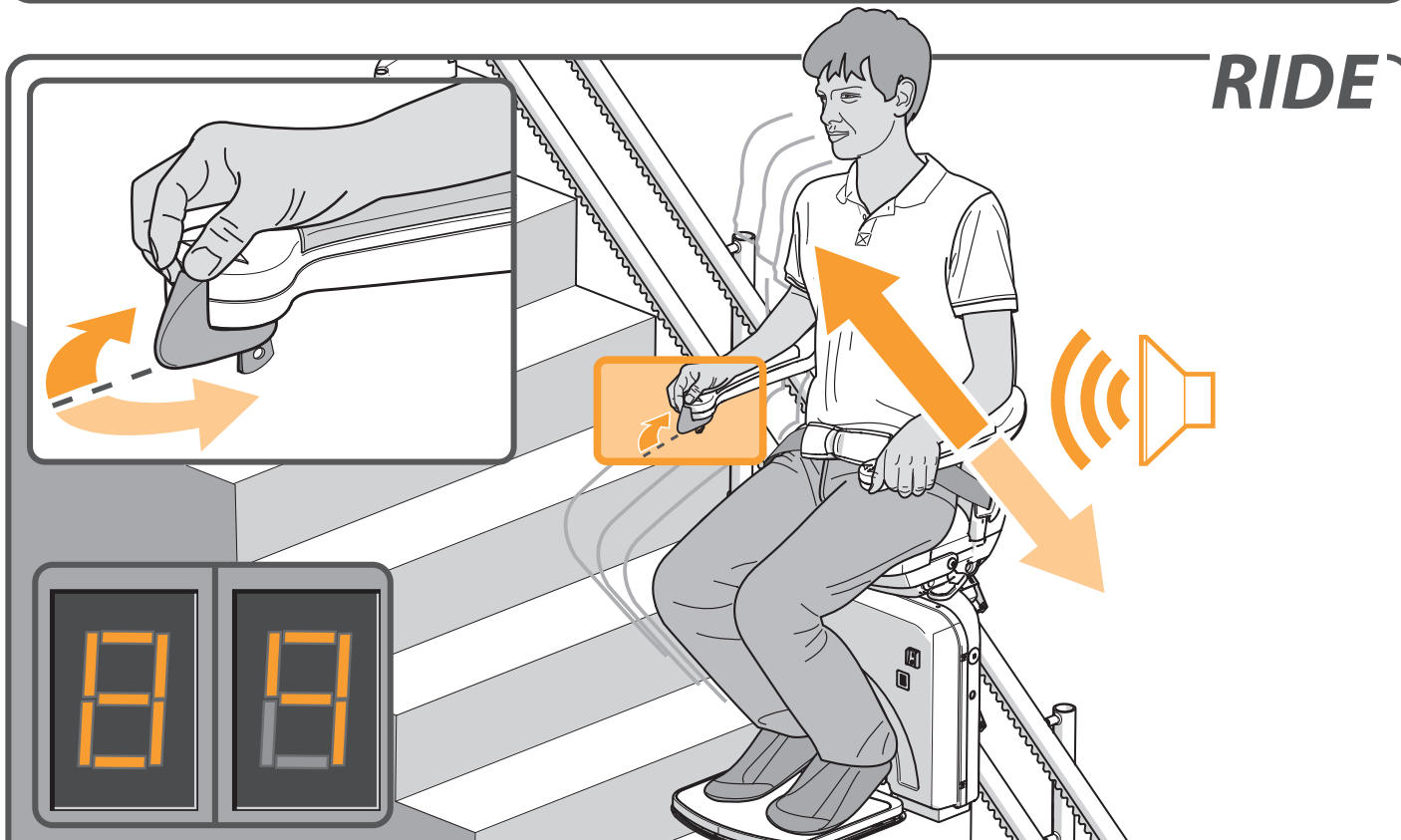
Place your feet on the footplate. Ensure that both feet are completely on the plate.

SAFETY FIRST

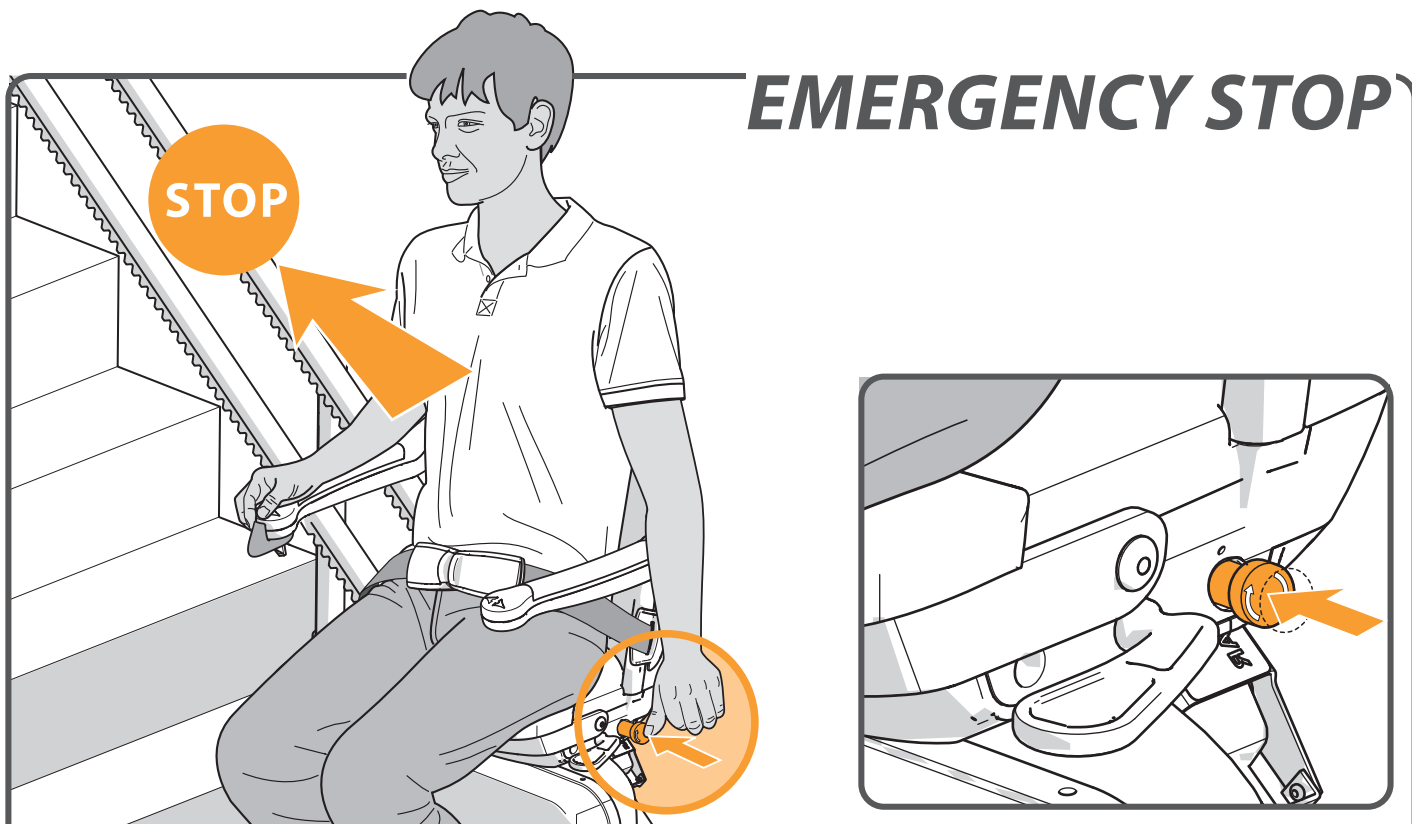


Fasten the seat belt securely, ensuring that it clicks into the holder. Put the key in the switch and turn it ninety degrees clockwise. Check that the chair is in the locked position.

RIDE

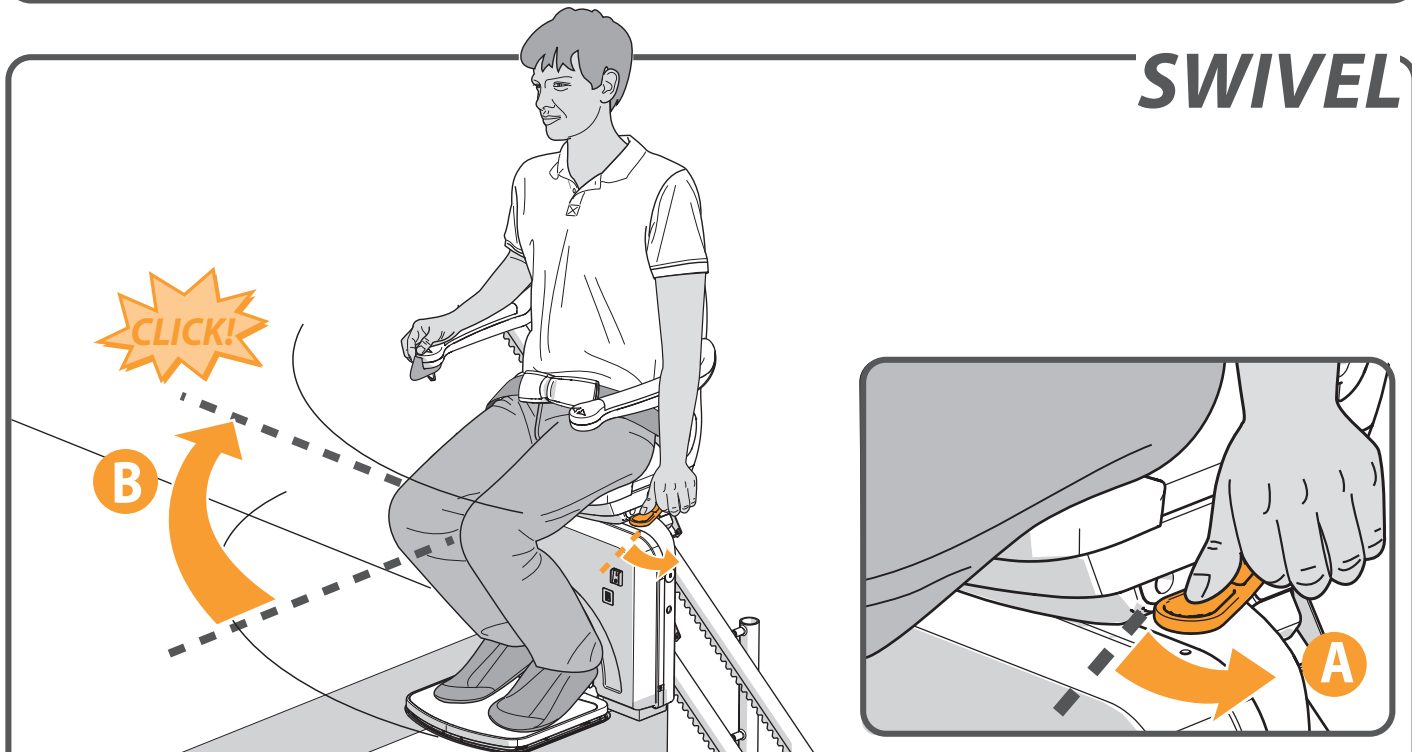


Move and hold the joystick in the desired direction of travel. The display shows a "8/9", the lift will beep 3 times and start slowly after 1 second. When changing the direction of travel the delay will be 3 seconds.



EMERGENCY STOP

In an emergency, press the emergency stop once. The lift stops straight away. The emergency stop can be released by turning the emergency button.



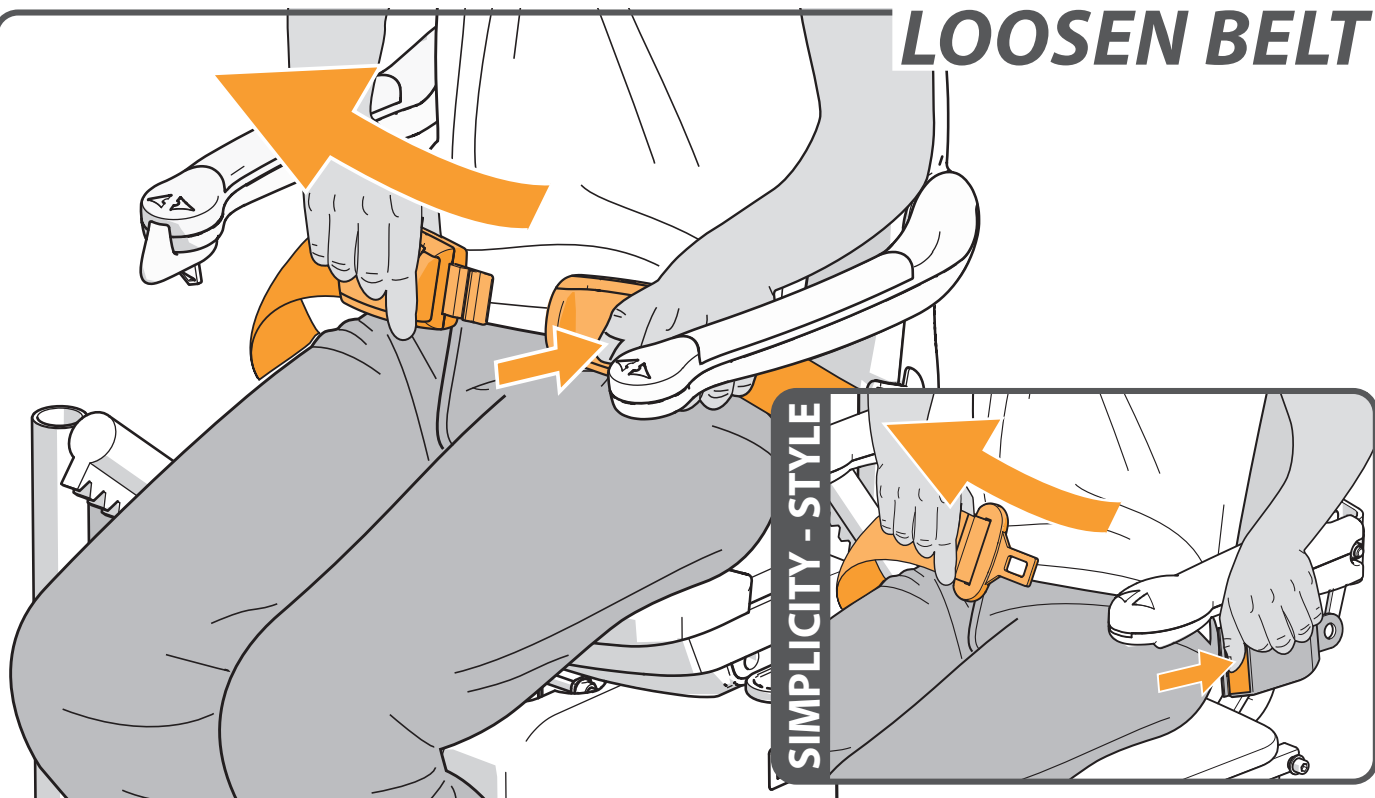
SWIVEL

The lift stops automatically at the end of the rail. You should now swivel the seat manually, making it easier to get on and off. To do this, push down the lever{A}. Swivel the seat until you hear a 'click'. The seat is now in the correct position{B}.



page 11 > OPTIONAL AUTOSWIVEL

LOOSEN BELT

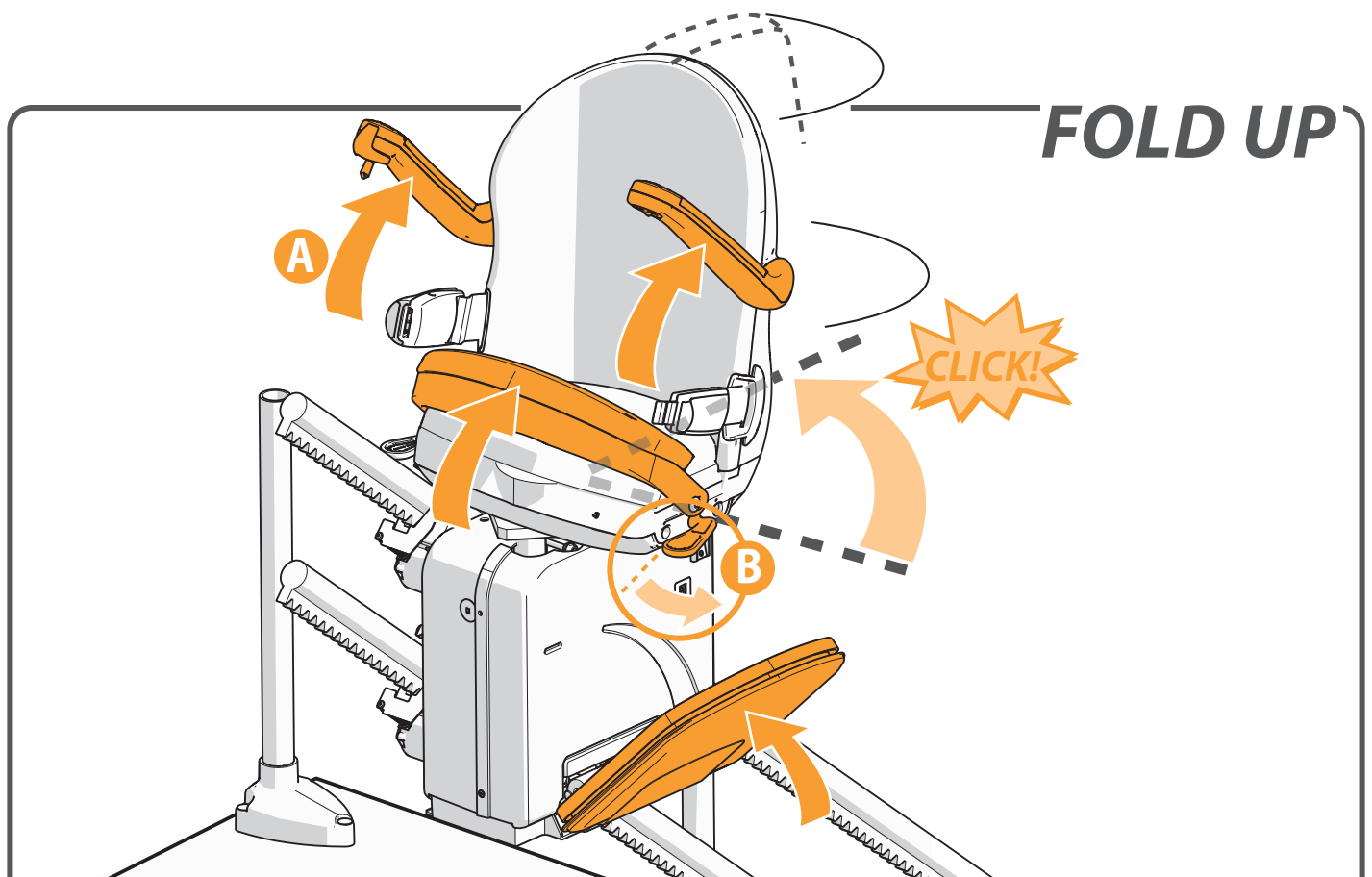


Unfasten the seat belt.

STAND UP

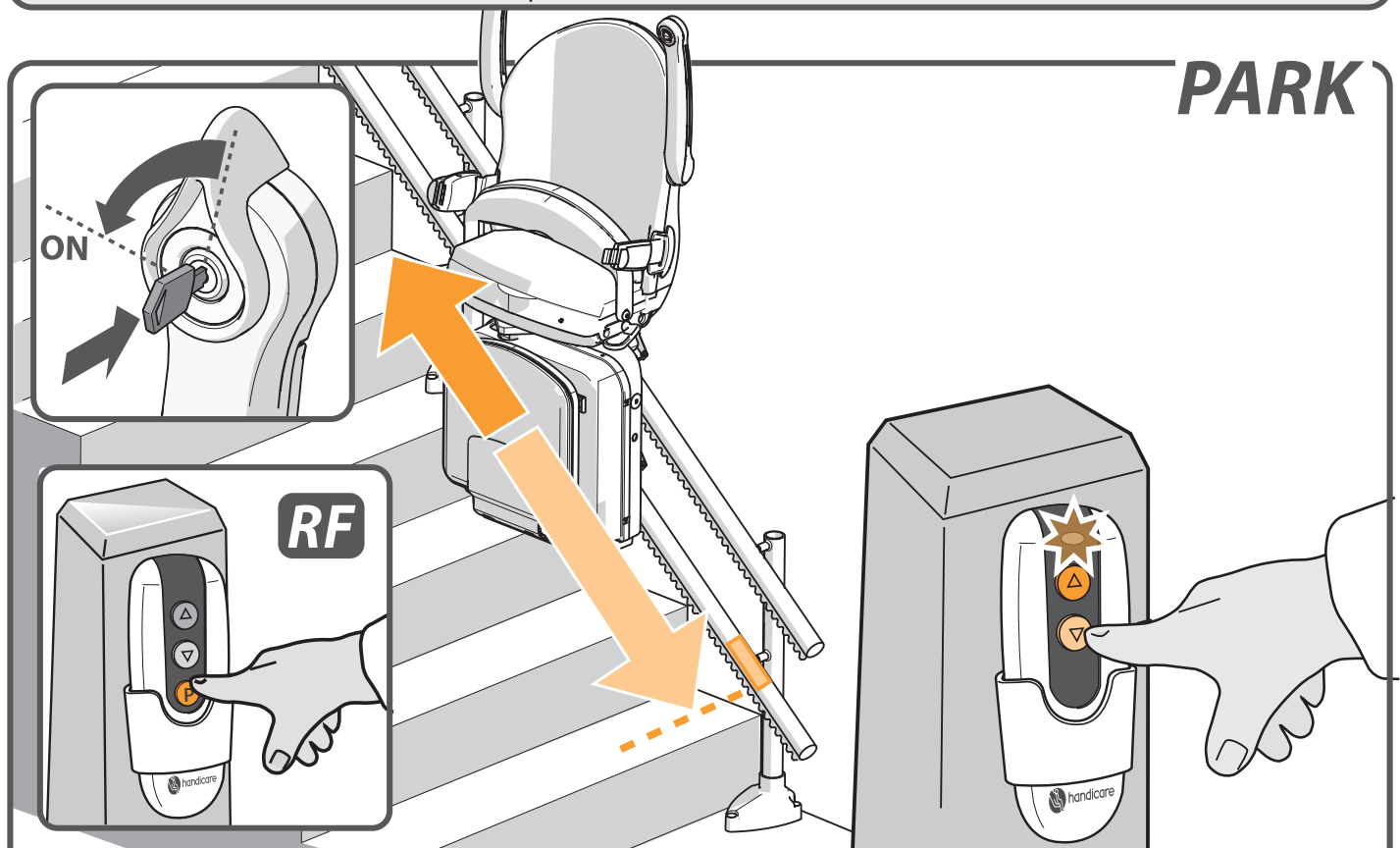


Stand up from the seat.



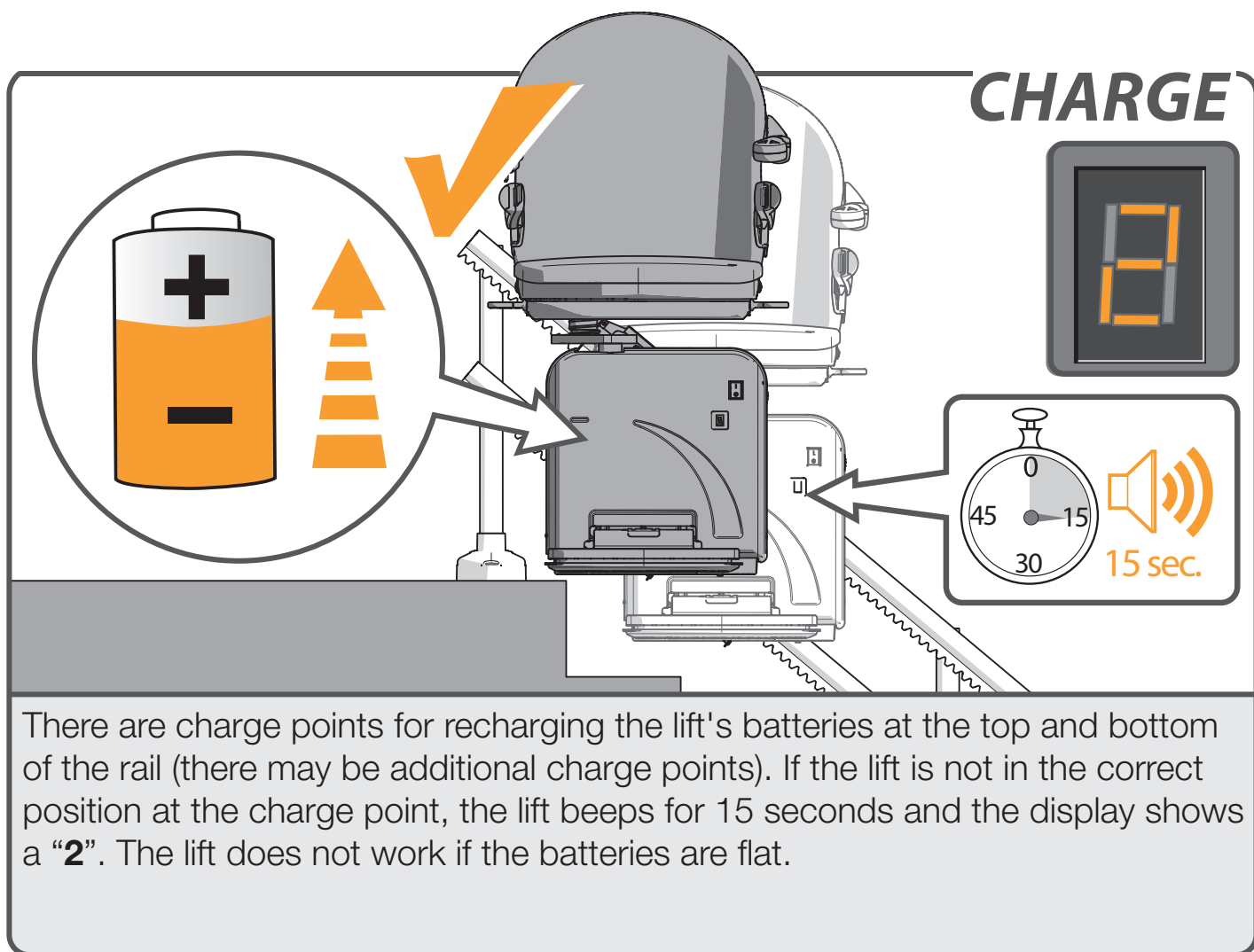
FOLD UP

Fold up the armrests, footplate and seat {A}. Push the handle, located to the left or right under the seat, downwards {B}. Swivel the seat until you hear a 'click'. The seat is now in the locked position.



PARK

Press and hold the up or down button on the remote control until the lift reaches a charge point. Upon arrival, the lift stops automatically.

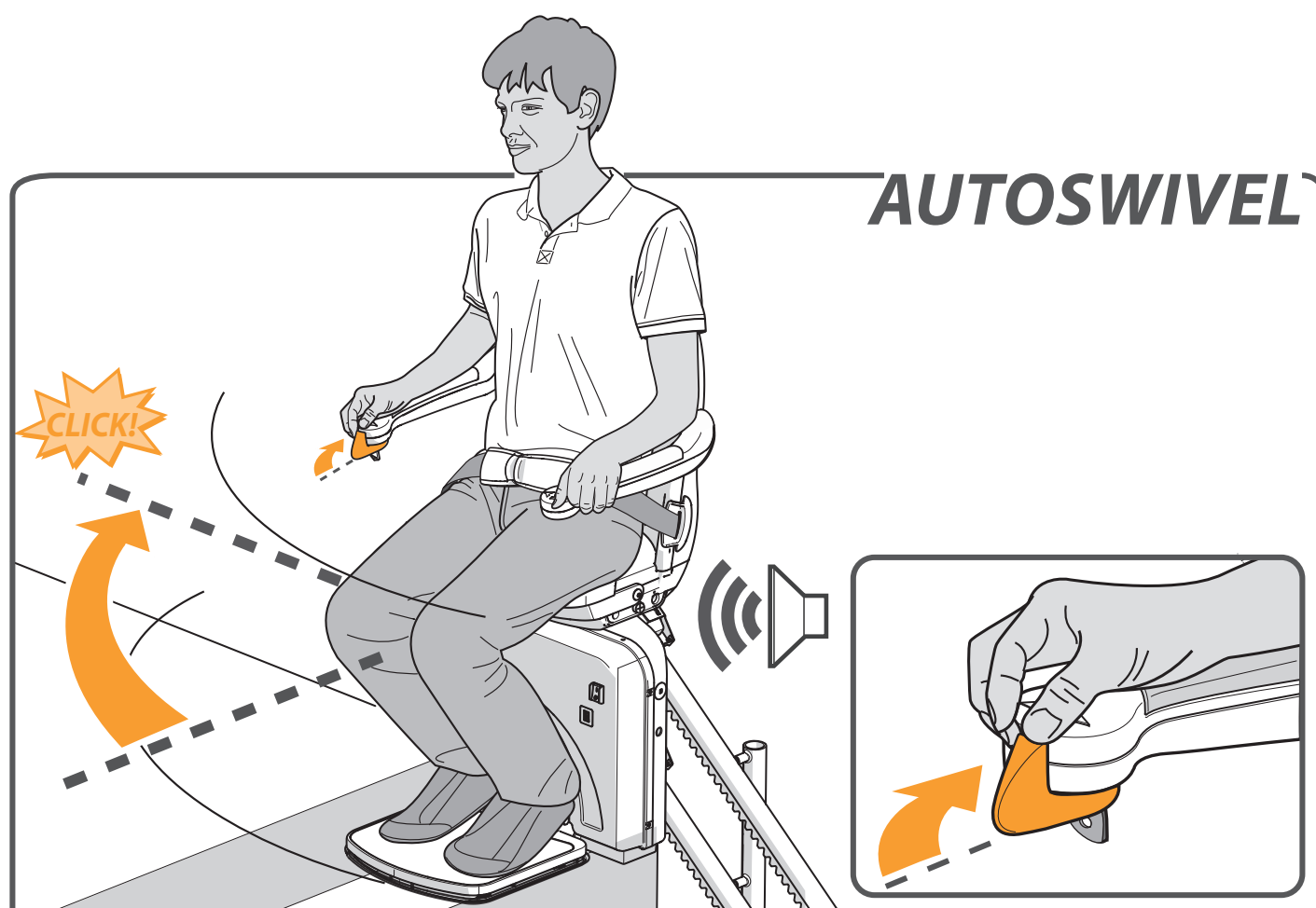


OPTIONS

AUTOSWIVEL_____ *page 11*

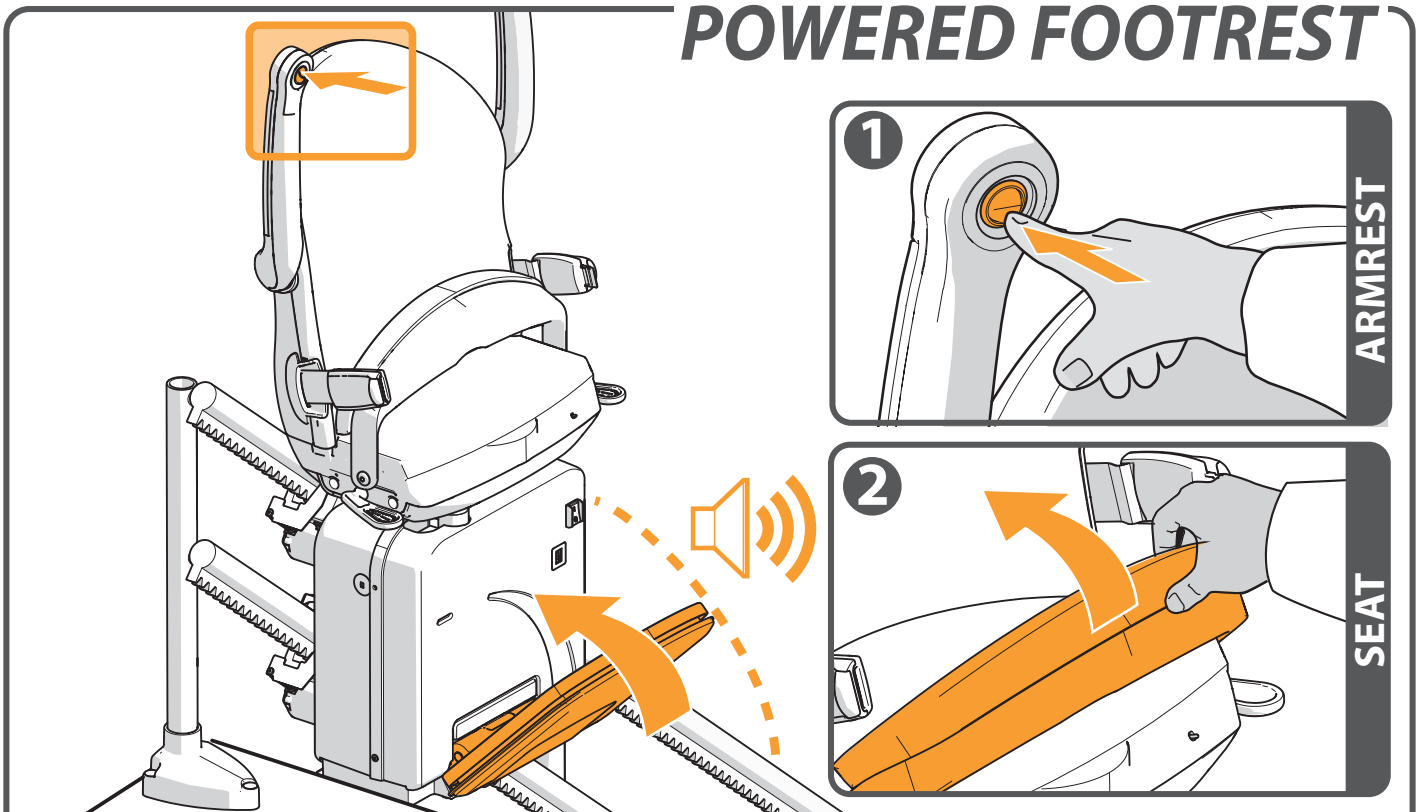
POWERED FOOTREST_____ *page 12*

HINGED RAIL_____ *page 12*



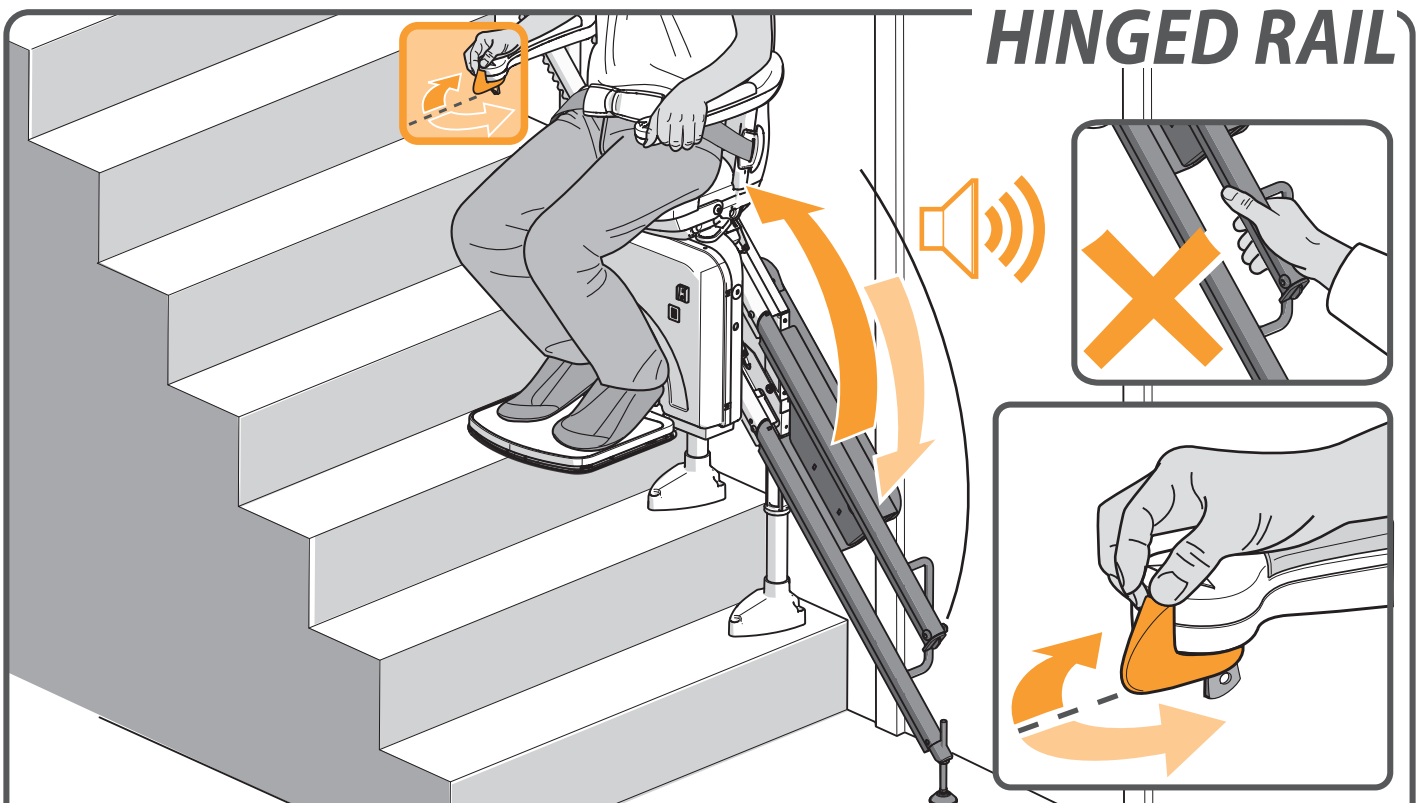
The AUTOMATIC SWIVEL SEAT option lets you swivel the seat automatically to face the direction you are going to walk. To do this, push and hold the joystick in the direction of travel.

POWERED FOOTREST



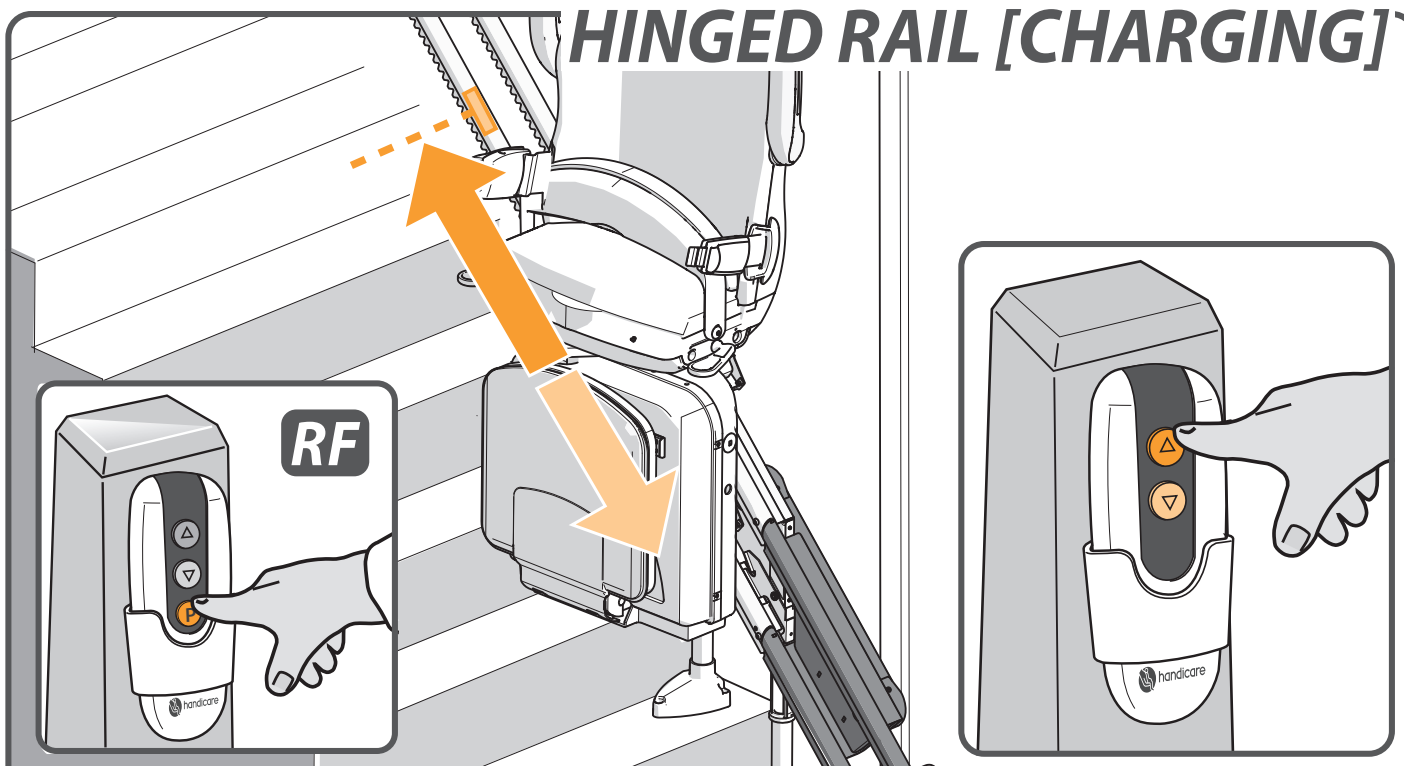
To operate a POWERED FOOTREST press the switch under the armrest[1] or fold up the seat[2]. The stairlift should beep whilst folding the footrest. Always ensure the footplate is in the down position during travel.

HINGED RAIL



With the FOLDING HINGE option, the seat stops just above the hinged rail. Move the joystick up or down to fold or unfold the rail.

HINGED RAIL [CHARGING]



Do not leave the lift on the hinged rail after use. Use the remote control to move the lift to a charge point and recharge the batteries. The first stopping point is a charge point.

IMPORTANT INFORMATION

FOREWORD

Your Imperial stair lift is a sophisticated product that has been specifically developed carry one person (max 115 kg/18.1 stone/253 lbs) sitting on the seat (heavy duty type: max 137 kg/21.5 stone/301 lbs). Before using your stair lift please read this manual thoroughly to familiarize yourself with how to operate your stair lift . Your stair lift has been constructed with state of the art technology and in accordance with recognized safety regulations so you can be sure that you have a safe and reliable solution. Nevertheless, incorrect use of the stair lift may cause risk to the user or third parties, damage to your stair lift or other goods. Use your stair lift only when it is in good working order, in accordance with the intended use described above and with due attention to this manual. Always keep this manual near the stair lift

TECHNICAL SUPPORT

Should issues arise that are not covered by this document please contact your supplier. Their Service department staff will always be pleased to help you. To help them identify your product please have the following details to hand when you call them:

- this manual
- your name, address, postcode, town and telephone number
- stairlift serial number which can be found on the label located on the power pack underneath the seat.

SAFETY INSTRUCTIONS

When using the stairlift always observe appropriate safety regulations regarding risk of electric shock and physical injury.

1. Provide an unobstructed environment by ensuring that the entire track is free of obstacles.
2. Take environmental influences into account. Do not expose the lift to damp or extreme sunlight. Make sure that the environment is well lit. In case of outdoor lift: always put the cover over the lift when the lift is not in use.
3. The stair lift should only be used by individuals who have received the appropriate guidance. On installation the supplier is required to demonstrate how to use this stairlift and the user is required to sign the declaration confirming that this instruction has been received.
4. Stairlifts should only be used for carrying one person: do not use your stair lift to carry pets, goods or more than one person at a time, even if the load is below the maximum user weight. Keep children and pets away from the stair lift.
5. Remove the key after use to prevent unauthorized use.
6. Keep limbs and clothing away from moving parts. Make sure that wide or loose clothing cannot become trapped between the chair and the stairs or rail.
7. Ensure a safe position during use. Always ensure a correct, stable position. Please sit as far back in the seat as you can and place your feet as close to the centre of the footplate as you are able to. Always use the safety belt and never stand on the stairlift.
8. Take care at all times. Concentrate on the operation of the stair lift as releasing the operating toggle will cause the lift to stop. To restart the lift wait 3 seconds and

push and hold the toggle in the direction of travel desired until you reach the landing or hallway.

9. Check for damage. Before use check the lift for external damage. Report unusual noises, such as squeaking and creaking, to your supplier. To avoid accidents repairs and preventive maintenance should only be carried out by engineers qualified to do so.
10. The stair lift must not be used in the event of a fire or as a means of escape during a fire.
11. If the stair lift is not fitted with a communication device, we recommend that you always have one to hand.
12. Only leave the stair lift at the designated points at the top and bottom of the rail.

Structure

The strength and the suitability in general of wall, staircases, terraces, upper floors, banisters, plinths etc. which are to support or surround the installation have been verified and ensured by the customer who therefore accepts all relative responsibilities. Neither AmeriGlide nor its authorized dealers may be held responsible for the suitability of the structures which surround and support the installation.

MAINTENANCE

Cleaning

Clean the stairlift regularly with a damp cloth; avoid excessive use of water. Ensure the track is kept free of dirt and dust. Over time the track wheels may leave a mark on the rail.

Preventive maintenance

In addition to cleaning your stairlift, periodic preventive maintenance is necessary for continued long-term use.

Your stair lift must be serviced at least once a year by a qualified person. If your stairlift has more than two users we recommend a minimum of two services per year. Please make an electrical socket available to provide local lighting if required during inspection and servicing. Lighting to a minimum value of 50 lux shall be provided at the boarding points whilst the stair lift is in use. Most light bulb packaging will detail the lux value of the light bulb.

GUARANTEE AND LIABILITY

The manufacturer guarantees that this stair lift (excluding batteries) will be repaired free of charge should manufacturing and/or material defects occur within 12 months of the purchase date, during normal use in accordance with the recommended user installation and maintenance instructions. Damage caused by normal wear and tear, overloading or misuse and the replacement of batteries in the remote control is not covered by this guarantee.

We recommend that your stairlift is serviced annually by an appropriately qualified stairlift engineer.

Under no circumstances can the manufacturer accept responsibility for death, personal injury, damage to property, or incidental, unforeseen consequences and/or costs or damage resulting from the use of your stair lift.

The carrying out of alterations to the product is not permitted and doing so will invalidate the warranty. The manufacturer is not liable for damage resulting from such alterations. The manufacturer accepts no liability for damage or injury caused by the non or inadequate observance of the safety regulations and instructions in this manual, or by negligence during the installation, use, maintenance and repair of this stair lift. Installation and servicing should only be carried out by dealers or installers/ service engineers authorised by the manufacturer in accordance with local regulations.

The wall mounted remote controls operate on a radio frequency; AmeriGlide is unable to accept responsibility for system intolerance in the unlikely event of interference from signals external to this stair lift.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

TECHNICAL SPECIFICATIONS

Supply voltage	230 VAC	Speed	0.15 m/s (max.)
Frequency	50/60 Hz	Ambient temperature	0 - 40°C
Current	1 A	Relative humidity	20 - 80%
Power	360 watt	Usage	15 rides per 24 hours
Fuses	30 A		10 rides continuous
Load	(max.) 115 kg	Noise	56 dB

The information provided in this manual is based on general specifications regarding the construction, material properties and working methods known to us at the time of publication; alterations and improvements are therefore anticipated.

All rights reserved. No part of this publication may be reproduced and/or published by means of print, photocopy, microfilm or in any other way or form, without prior written permission from the manufacturer. This also applies for the accompanying drawings and diagrams. The manufacturer reserves the right to change parts at any time, without prior or direct notification to the customer. The contents of this manual may also be changed without prior warning. This manual is intended for the standard models of the lift. The manufacturer therefore cannot be held liable for any damage resulting from specifications that differ from those of the standard model of the lift supplied to you. For information concerning adjustment, maintenance or repairs not provided in this manual, please contact your supplier's service department. This manual has been compiled with the best intentions and every possible care but the manufacturer cannot accept responsibility for any errors in this manual or for the consequences thereof.

FAULTFINDING

DIAGNOSTIC DISPLAY..... *page 18*

CHAIR POSITION..... *page 19*

EMERGENCY STOP..... *page 19*

ARMREST..... *page 20*

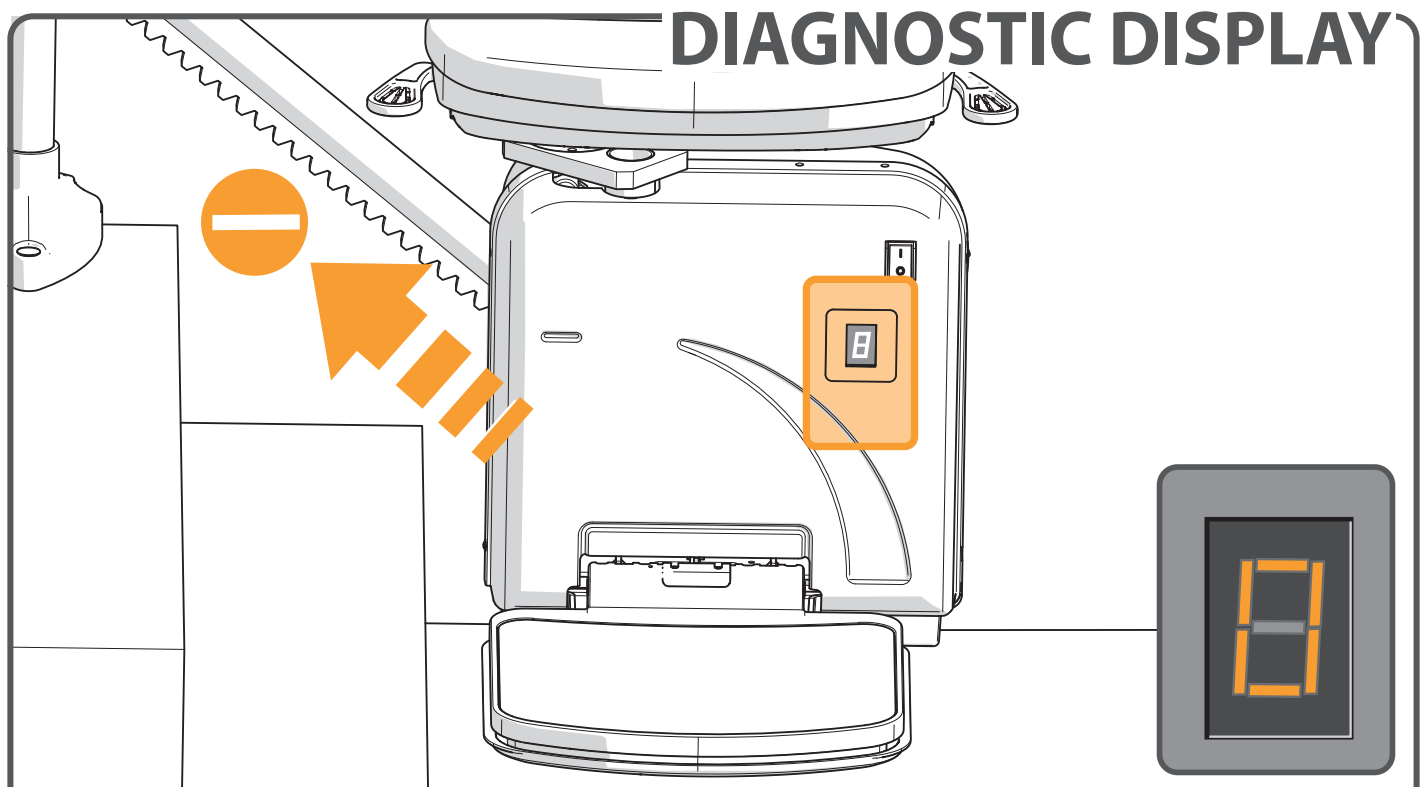
KEY..... *page 20*

BATTERIES RC..... *page 21*

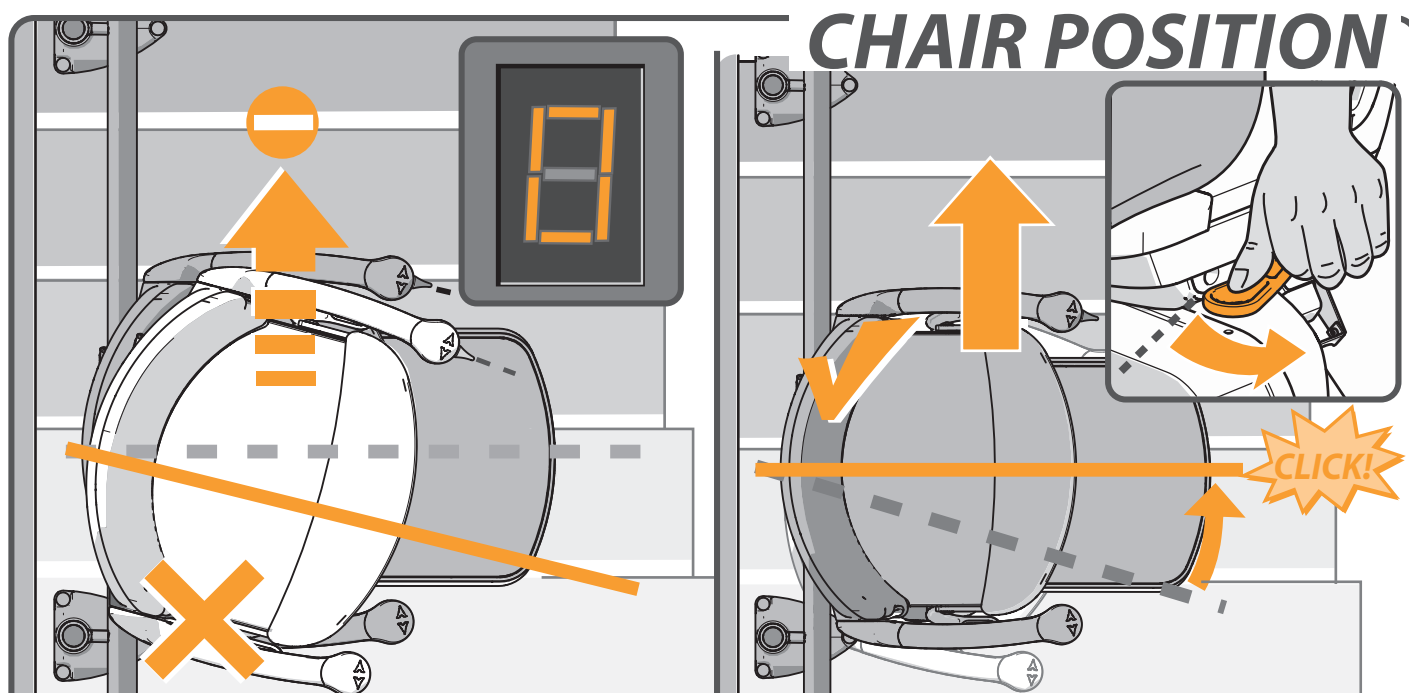
POWER..... *page 21*

OBSTACLE..... *page 22*

SWITCH..... *page 22*



The stairlift is fitted with a diagnostic display that displays a code to help diagnose faults. Refer to APPENDIX E for an explanation of the diagnostic codes. Please inform the customer service operator of this code when reporting any fault.



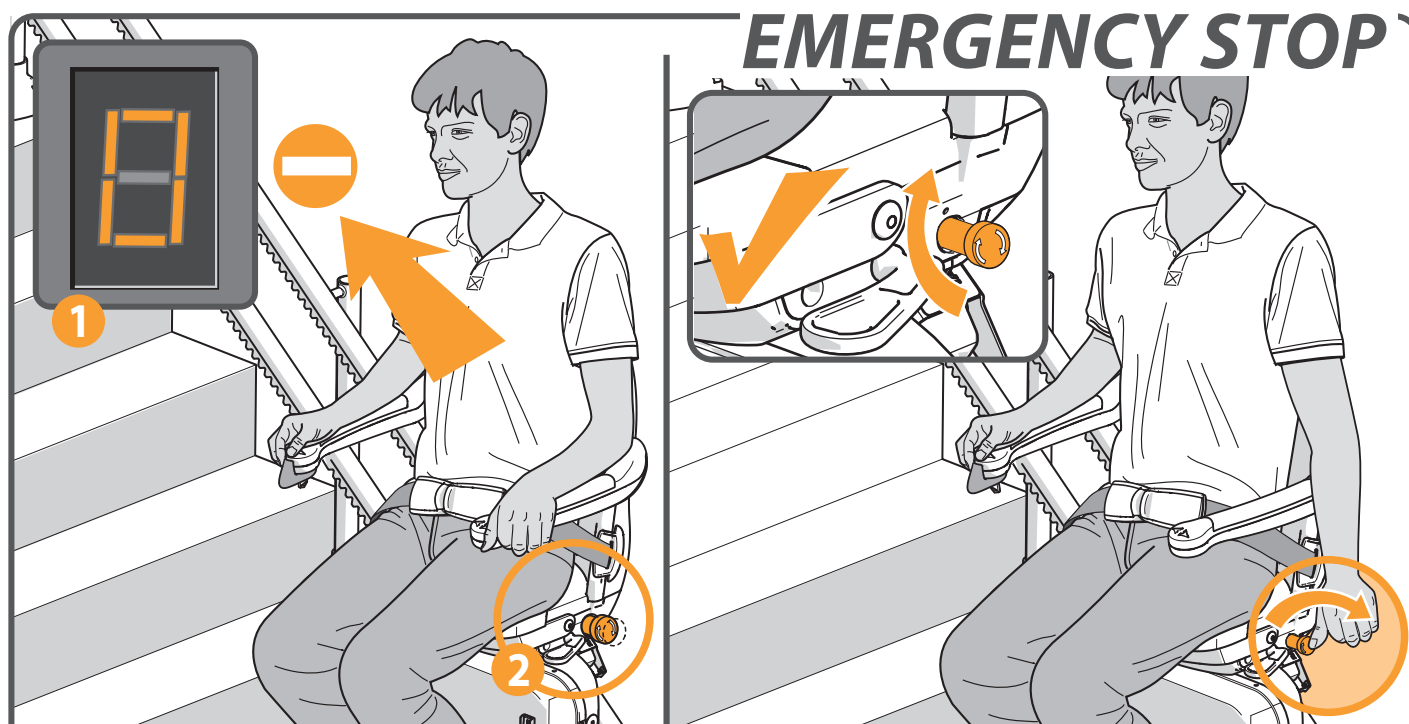
CAUSE

SOLUTION

Problem: the lift does not travel in either direction and the display shows a “0”.

Cause: the seat is not locked and is in a swivelled position.

Solution: swivel the seat using the handle located to the left or right under the seat, until it “clicks” into position.



CAUSE

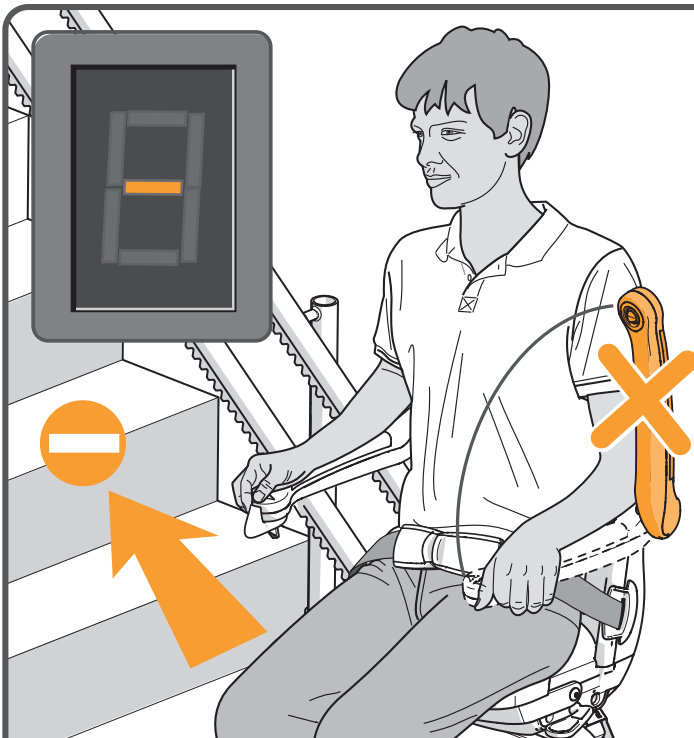
SOLUTION

Problem: the lift does not travel in either direction, the display shows a “0” [1] and the emergency stop [2] is pressed.

Cause: the emergency stop has been pressed.

Solution: the emergency stop can be released by turning the emergency button.

ARMREST

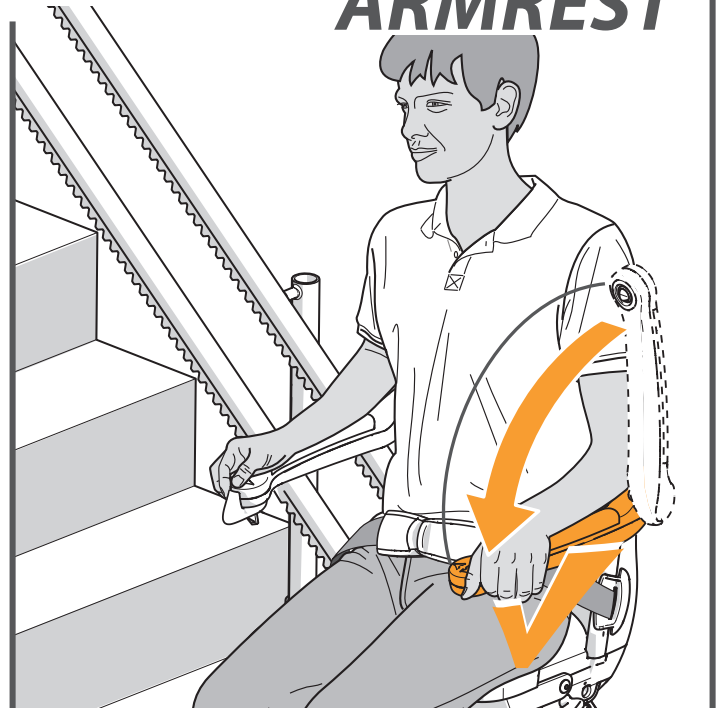


CAUSE

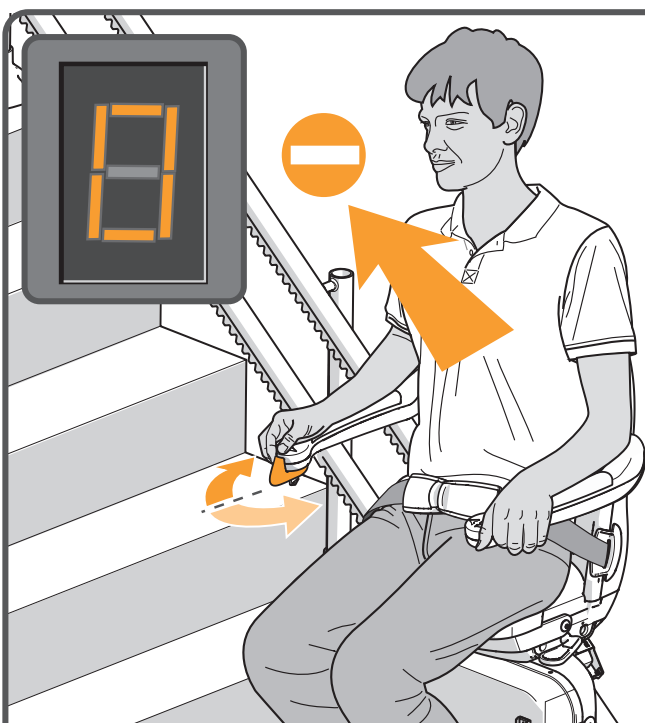
Problem: the lift does not travel in either direction and the display shows a “-”.

Cause: an armrest has not been folded down.

Solution: fold down the armrest fully.



SOLUTION

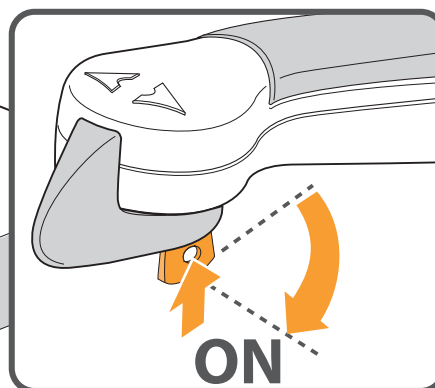


CAUSE

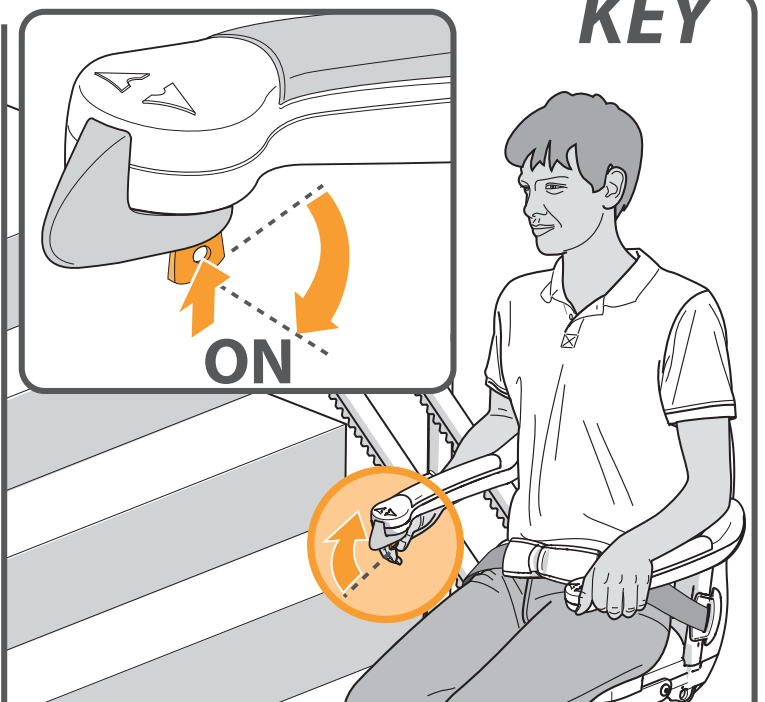
Problem: the lift does not travel in either direction and the display shows a “0”.

Cause: the key-operated switch is in the off position.

Solution: turn the key-operated switch ninety degrees clockwise.



KEY



SOLUTION

BATTERIES RC

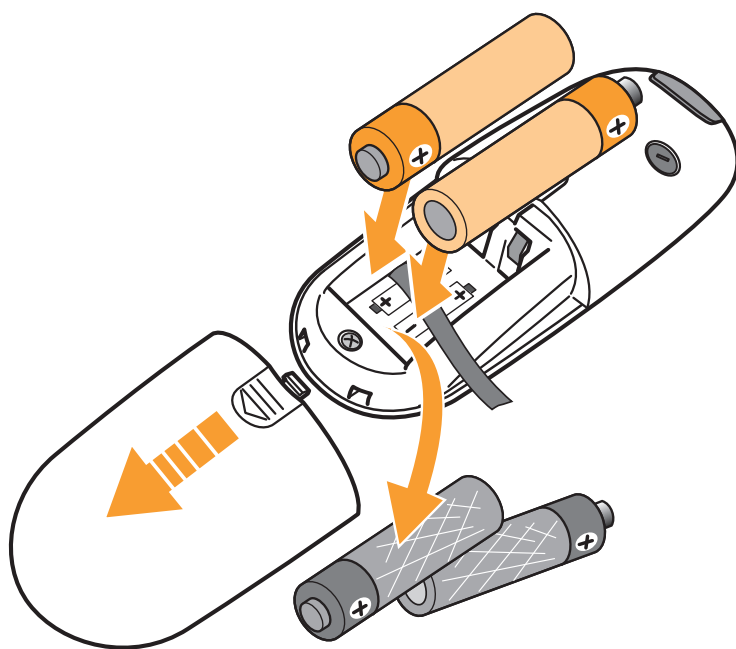


CAUSE

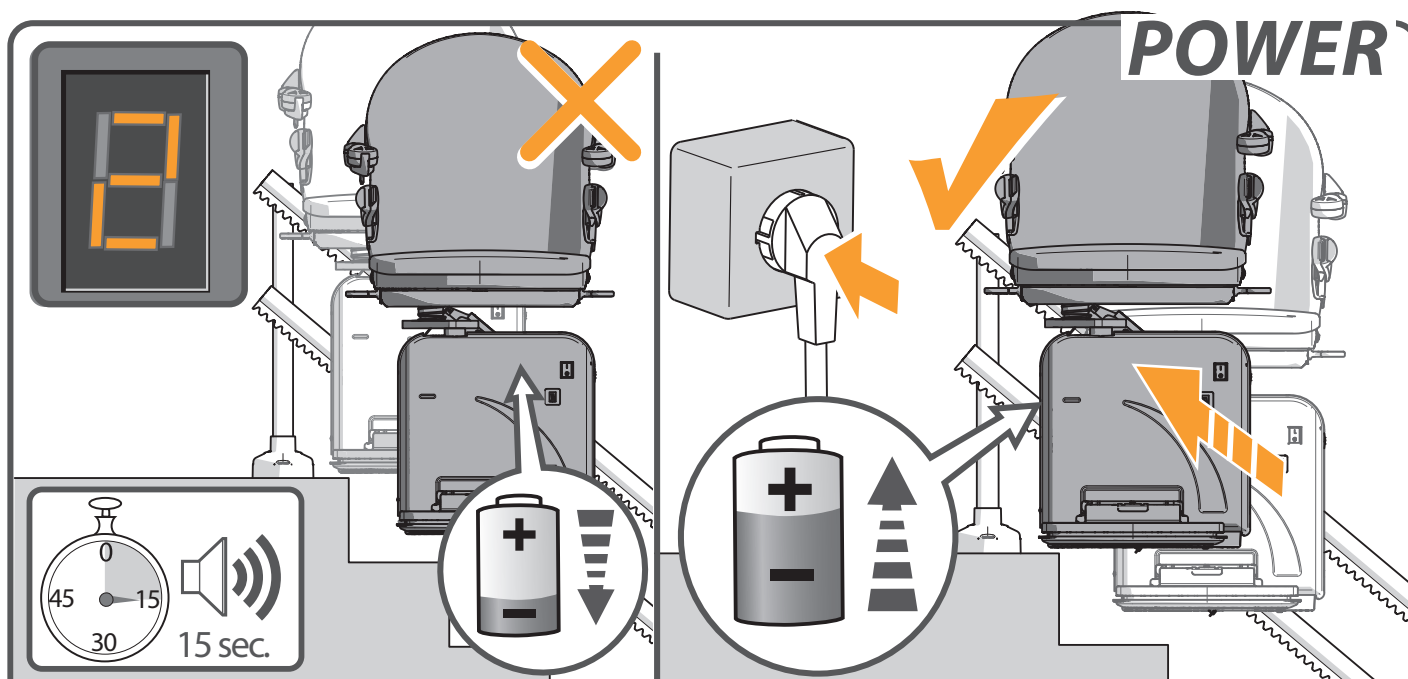
Problem: the lift does not travel in either direction and the LED on the remote control does not light up when the remote control is operated.

Cause: the batteries in the remote control are flat.

Solution: replace the batteries in the remote control.



SOLUTION



CAUSE

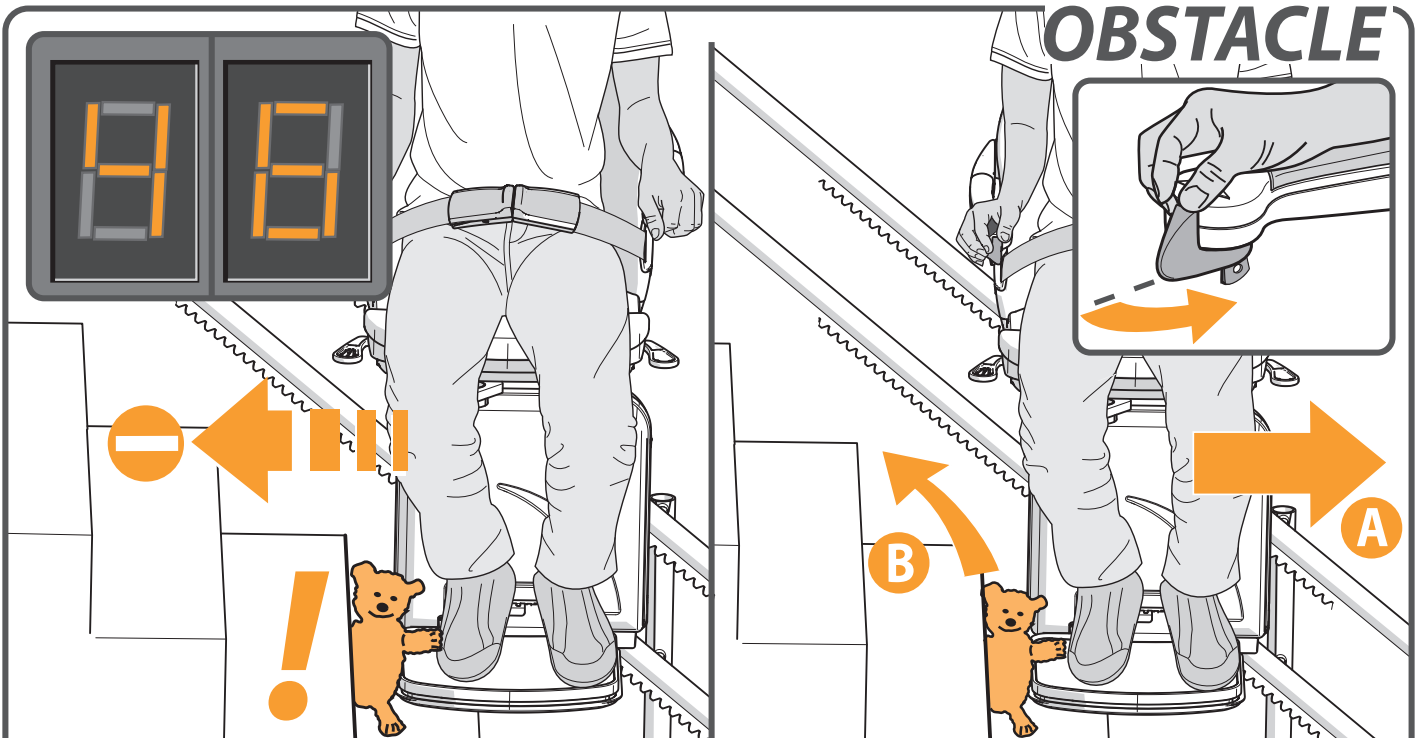
Problem: the lift batteries are not recharging, the lift beeps for 15 seconds and the display shows a "2".

Cause: the lift is not in the correct position at a charge point or the plug is not in the socket.

Solution: move the lift to a charge point or put the plug in the socket.

SOLUTION

OBSTACLE



CAUSE

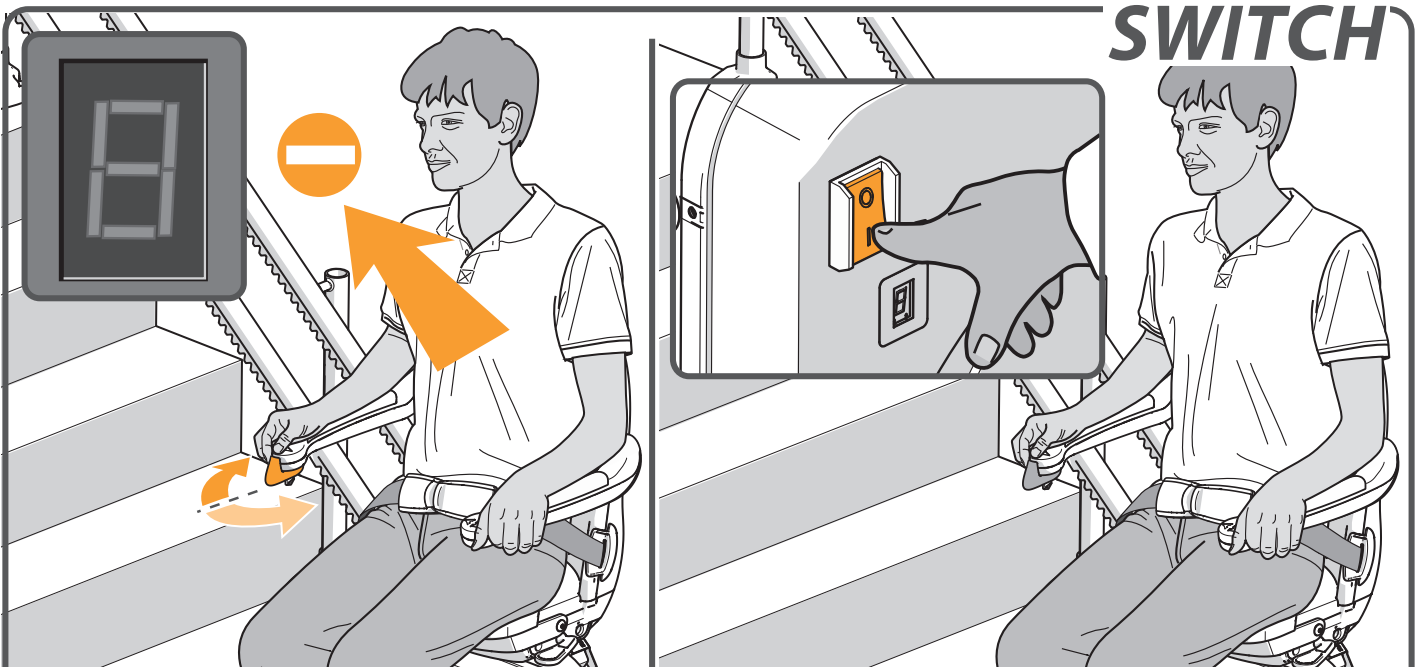
Problem: the lift travels in one direction only and the display shows a “4/6”.

Cause: there is an obstacle between the lift and the stairs.

Solution: move the lift in the opposite direction {A} and remove the obstacle {B}.

SOLUTION

SWITCH



CAUSE

Problem: If the lift is not moving in either direction, there is no code on the diagnostic display

Cause: The lift may be switched off.

Solution: Turn the lift on.

SOLUTION

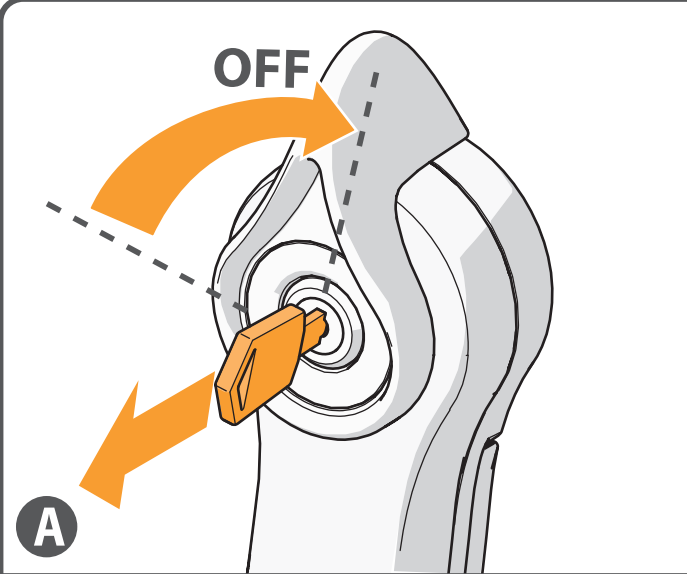
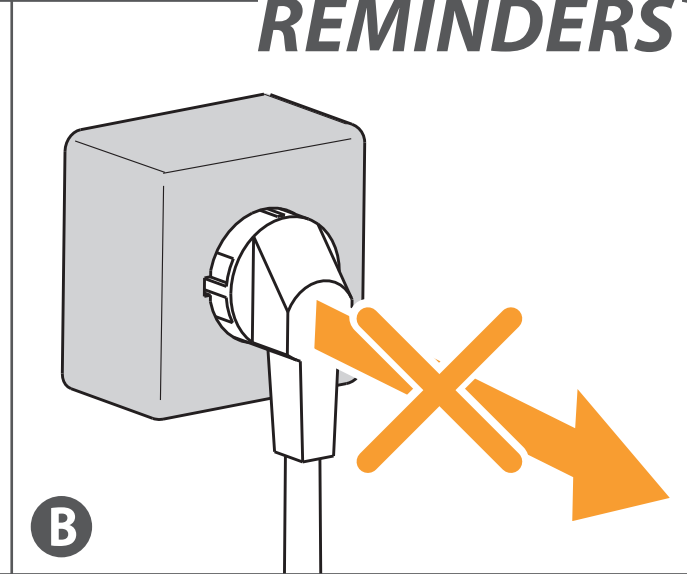
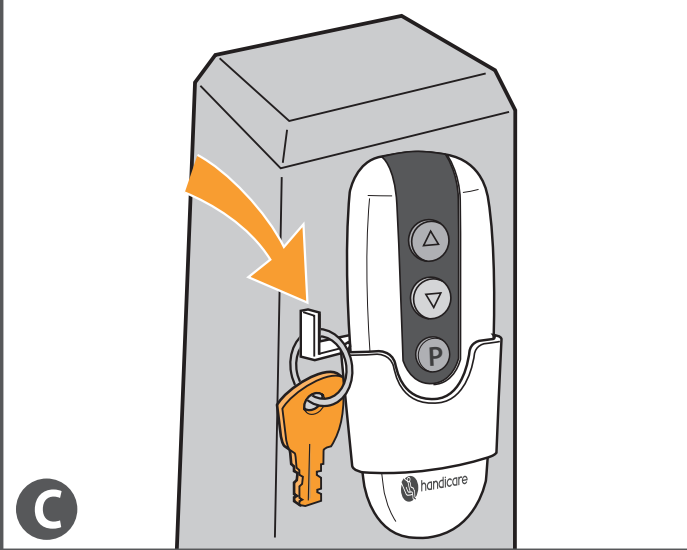
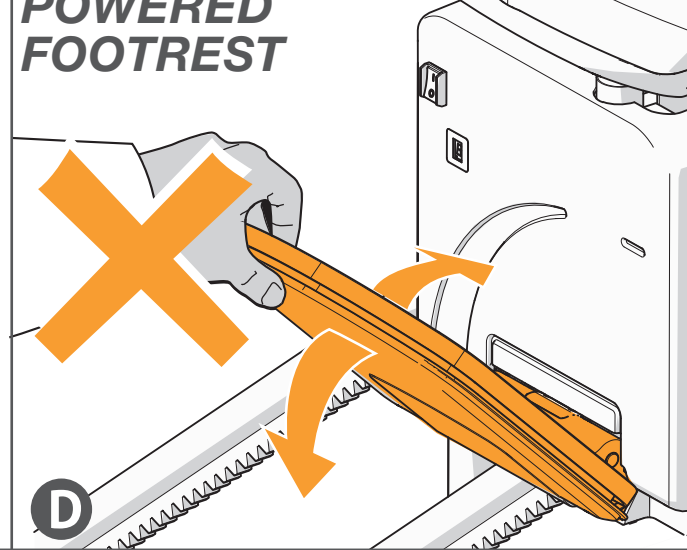
ATTACHMENTS

REMINDERS _____ page 23

EMERGENCY OPERATIONS _____ page 24

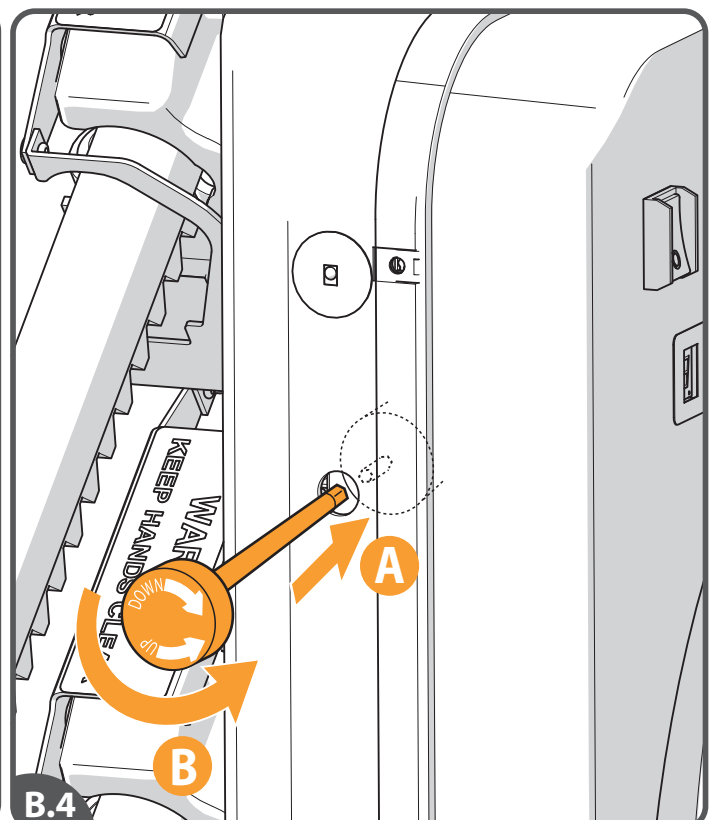
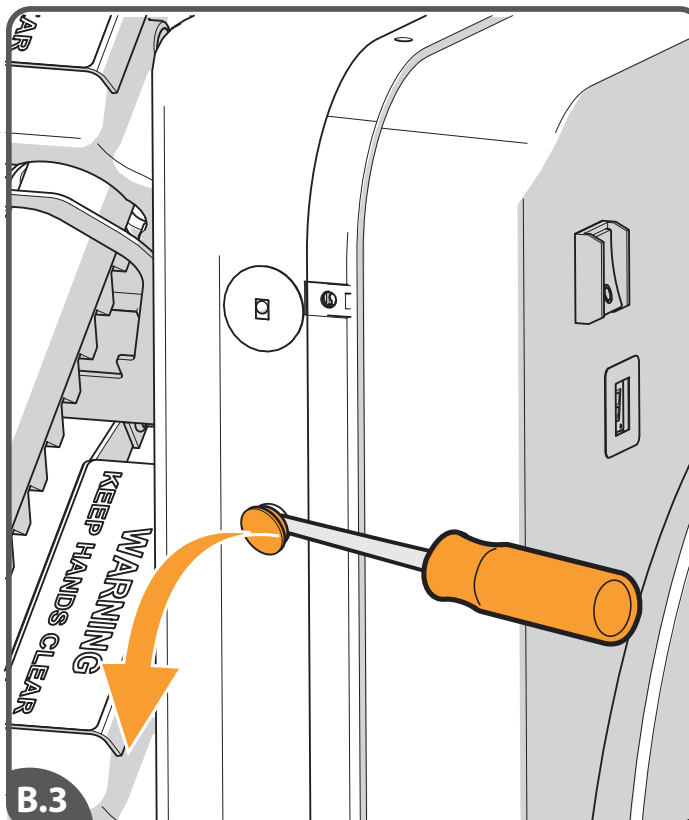
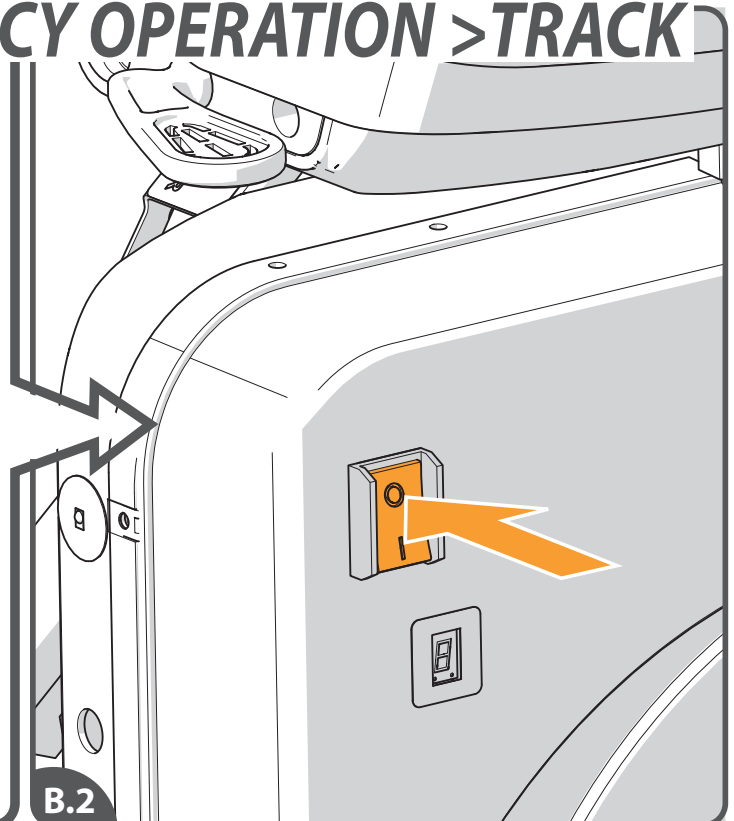
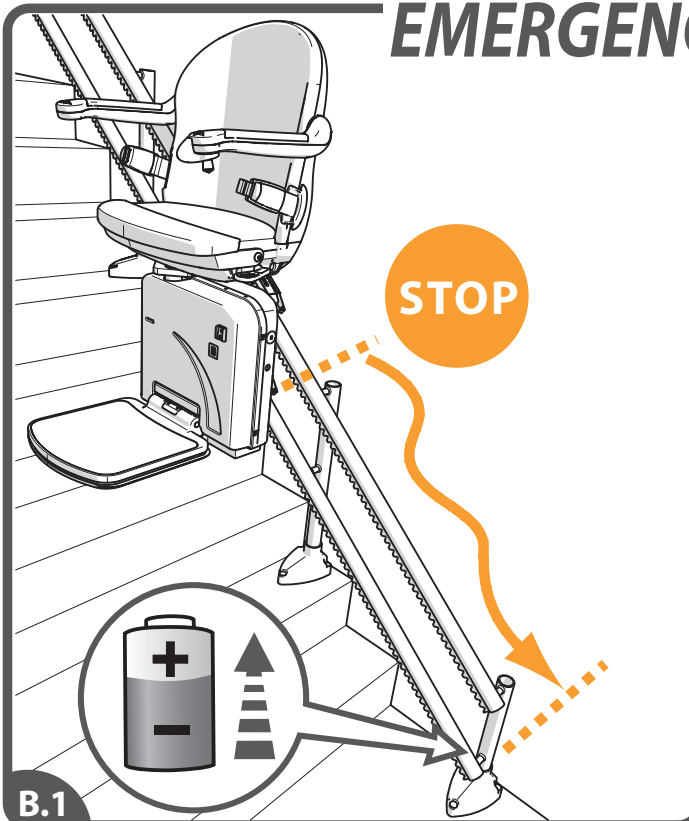
DIAGNOSTIC CODES _____ page 27

SPAREPARTS _____ page 30

REMINDERS	
 <p>A</p>	 <p>B</p>
 <p>C</p>	 <p>D</p>

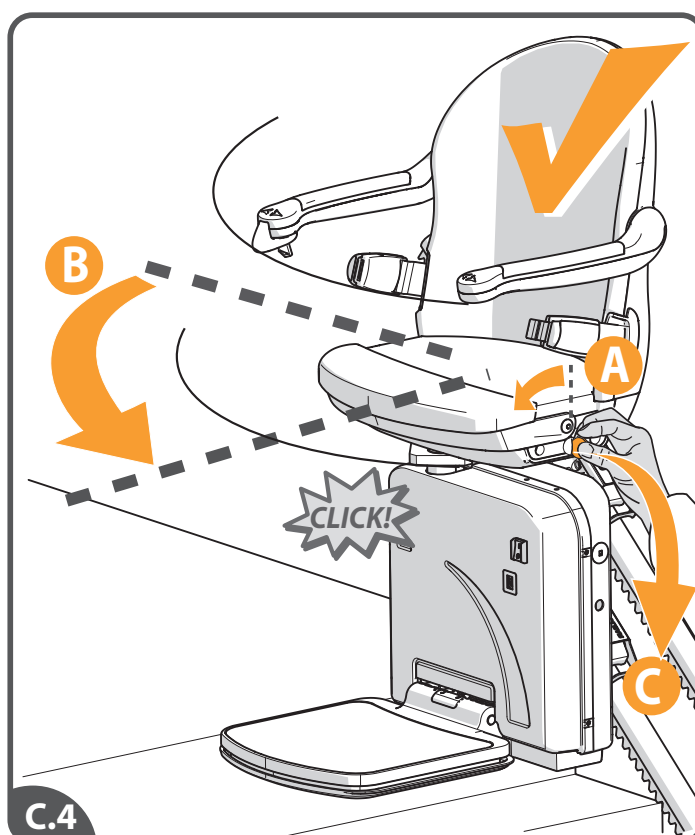
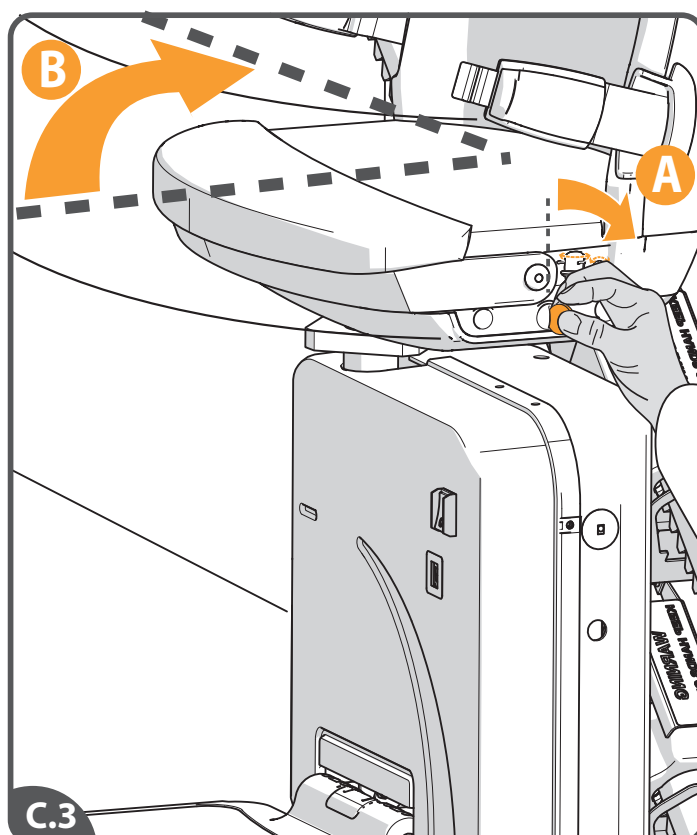
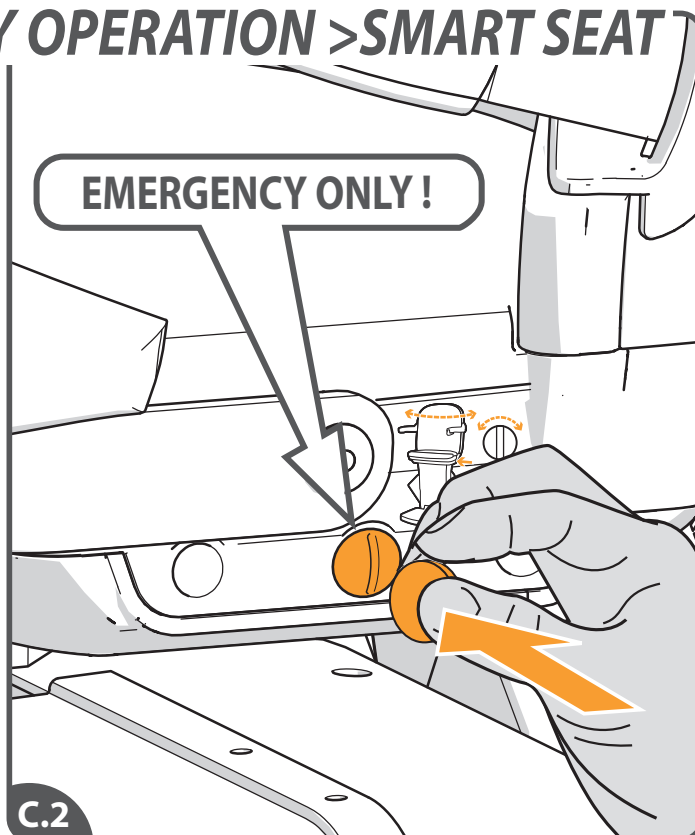
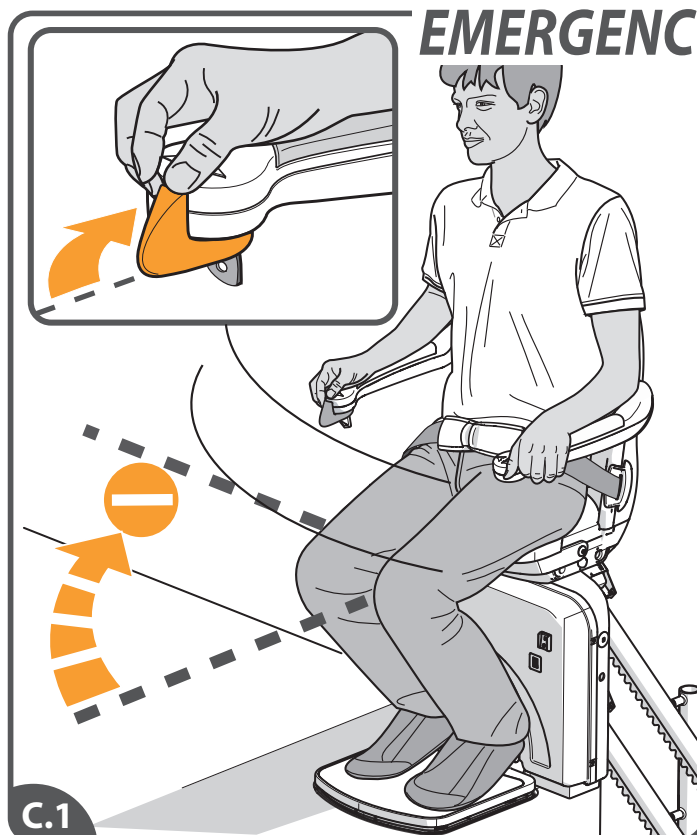
[A] Remove the key from the switch whenever you leave the lift.
[B] Never remove the lift plug from the wall socket.
[C] It is recommended that the keys be stored close to the stairlift by hanging a key on the handset wall bracket.

EMERGENCY OPERATION > TRACK



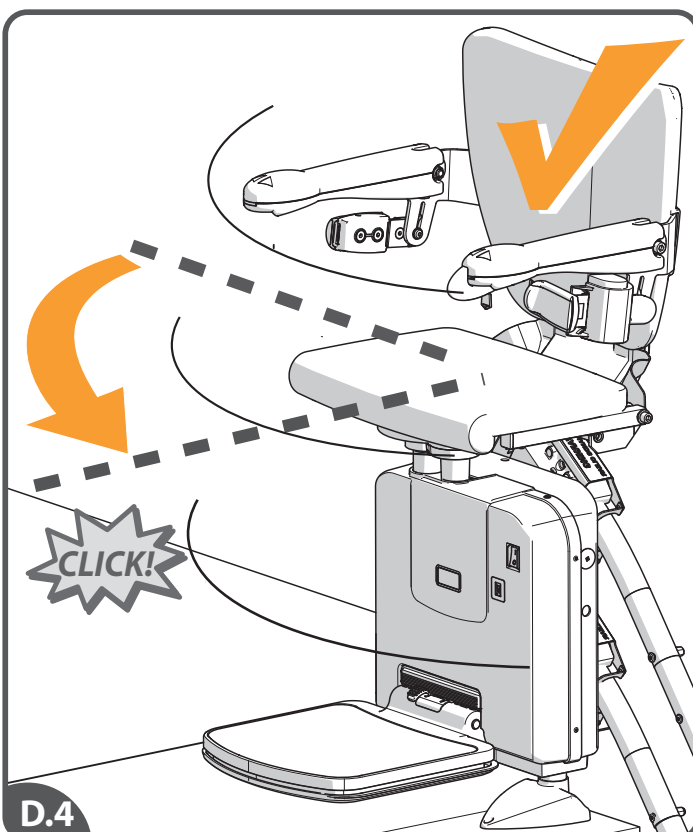
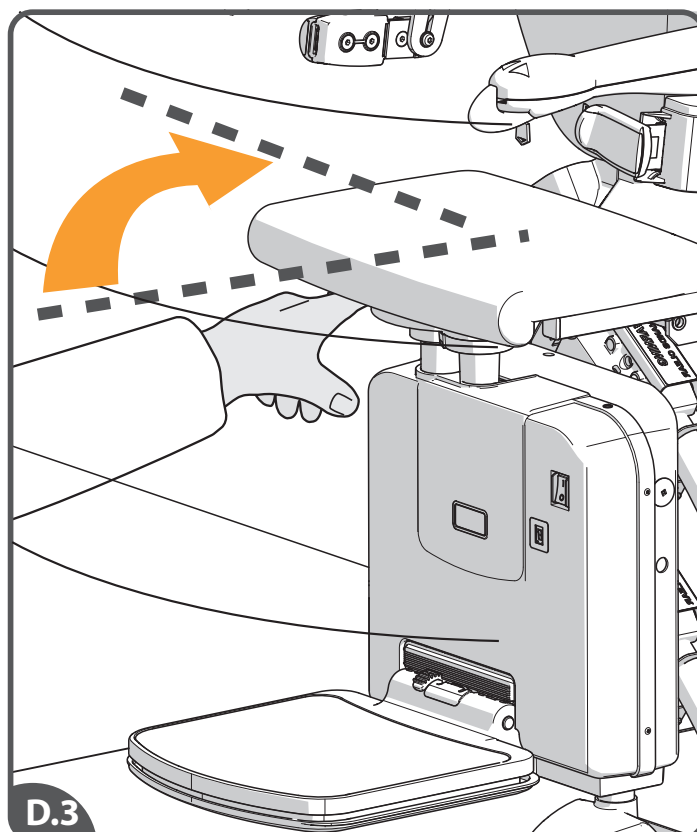
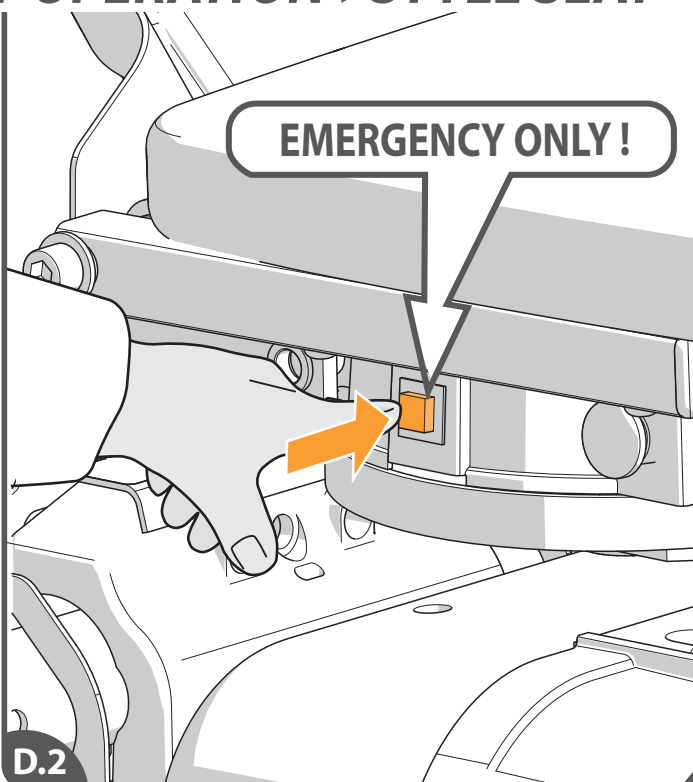
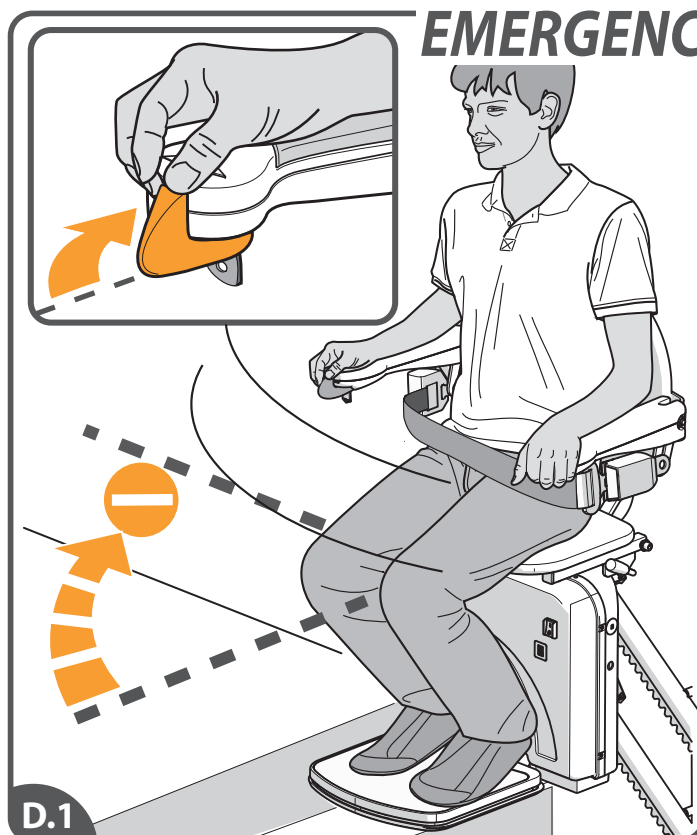
[B.1] When the stairlift stops unexpectedly and no longer moves any further, the hand winder can be used to move the lift to a charging point. [B.2] Turn off the lift. [B.3] Remove the cap from the unit with a screwdriver. [B.4] Turn the hand winder as indicated on the winder. Then wind the lift in the required direction.

EMERGENCY OPERATION > SMART SEAT



[C.1] If the power swivel is not functioning it can be swivelled manually. Do this only in an emergency. [C.2] Insert a coin in the button on the side of the seat. [C.3] Swivel the seat manually. [C.4] The seat must be returned to the start position. Remove the coin. Do this before you use the lift again.

EMERGENCY OPERATION > STYLE SEAT

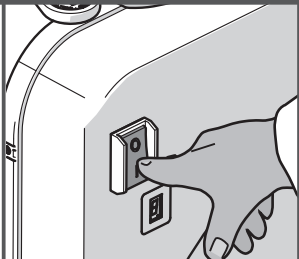


[D.1] If the power swivel is not functioning it can be swivelled manually. Do this only in an emergency. [D.2] Press the release button. [D.3] Swivel the seat manually. [D.4] The seat must be returned to the start position. Do this before you use the lift again.

If the mentioned action does not help, call AmeriGlide.

DIAGNOSTIC CODES

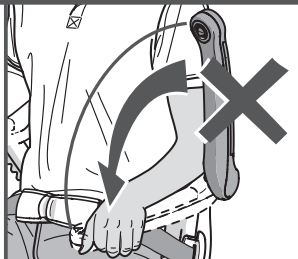
Display Action



No display

FAULT

Display Action

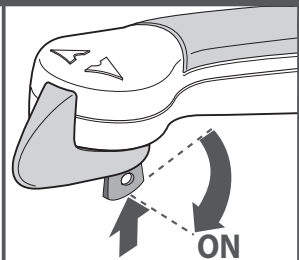
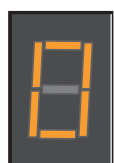


Charging, but the lift does not drive

FAULT

Write down the diagnostic code when you call AmeriGlide for help.

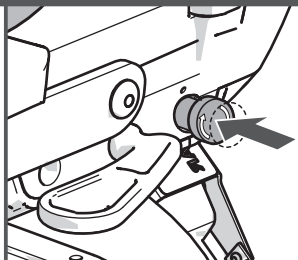
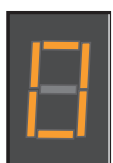
Display Action



Final limit circuit activated

FAULT

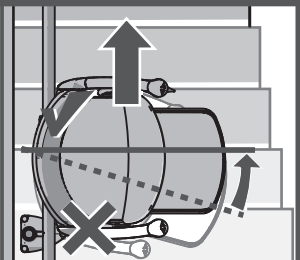
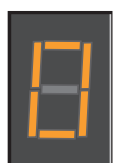
Display Action



Final limit circuit activated

FAULT

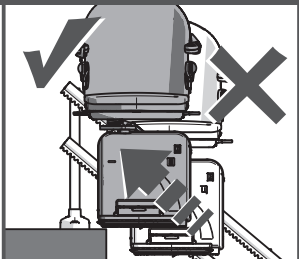
Display Action



Final limit circuit activated

FAULT

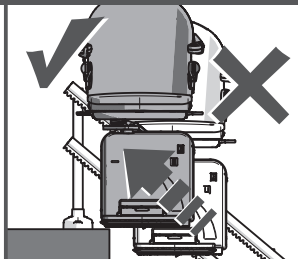
Display Action



Requires charge

FAULT

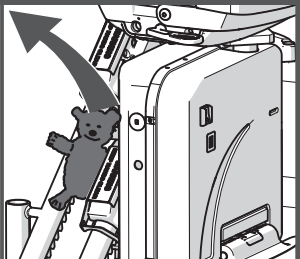
Display Action



Off charge

FAULT

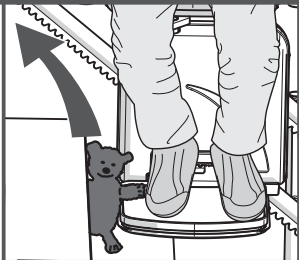
Display Action



Top track limit activated

FAULT

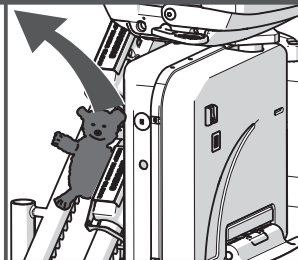
Display Action



Top safety edge activated

FAULT

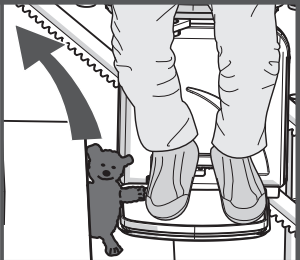
Display Action



Bottom track limit activated

FAULT


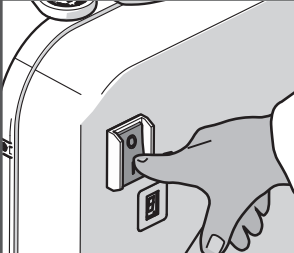
Display Action


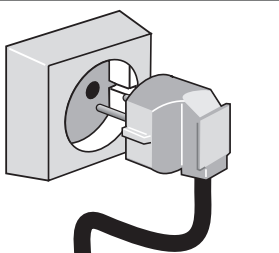




Bottom safety edge activated



FAULT



<div>Display</div> <div></div>	<div>Action</div> <div></div>	<div>Display</div> <div></div>	<div>Action</div> <div></div>	<div>Display</div> <div></div>	<div>Action</div> <div></div>
Low battery voltage		Joystick activated		Joystick activated	
FAULT					
<div>Display</div> <div></div>	<div>Action</div> <div></div>	<div>Display</div> <div></div>	<div>Action</div> <div></div>	<div>Display</div> <div></div>	<div>Action</div> <div></div>
IR address fail		The main power relay not open		The main power not closed	
FAULT					
<div>Display</div> <div></div>	<div>Action</div> <div></div>	<div>Display</div> <div></div>	<div>Action</div> <div></div>	<div>Display</div> <div></div>	<div>Action</div> <div></div>
Brake semi-conductor failed		Brake not connected		The main power relay has closed early	
FAULT					
<div>Display</div> <div></div>	<div>Action</div> <div></div>	<div>Display</div> <div></div>	<div>Action</div> <div></div>	<div>Display</div> <div></div>	<div>Action</div> <div></div>
Current limit exceeded		Lift driving at half speed		The main control board has a memory problem	
FAULT					


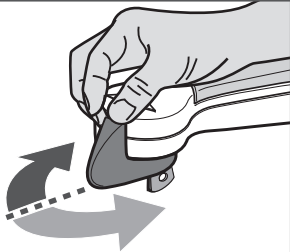
Display	Action
	
Power supply fault during charging	
FAULT	


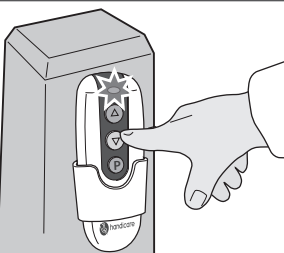
Display	Action
	
Power supply fault during charging	
FAULT	

Display	Action
	
Power supply fault when battery on float	
FAULT	

Display	Action
	
Main board hardware fault	
FAULT	

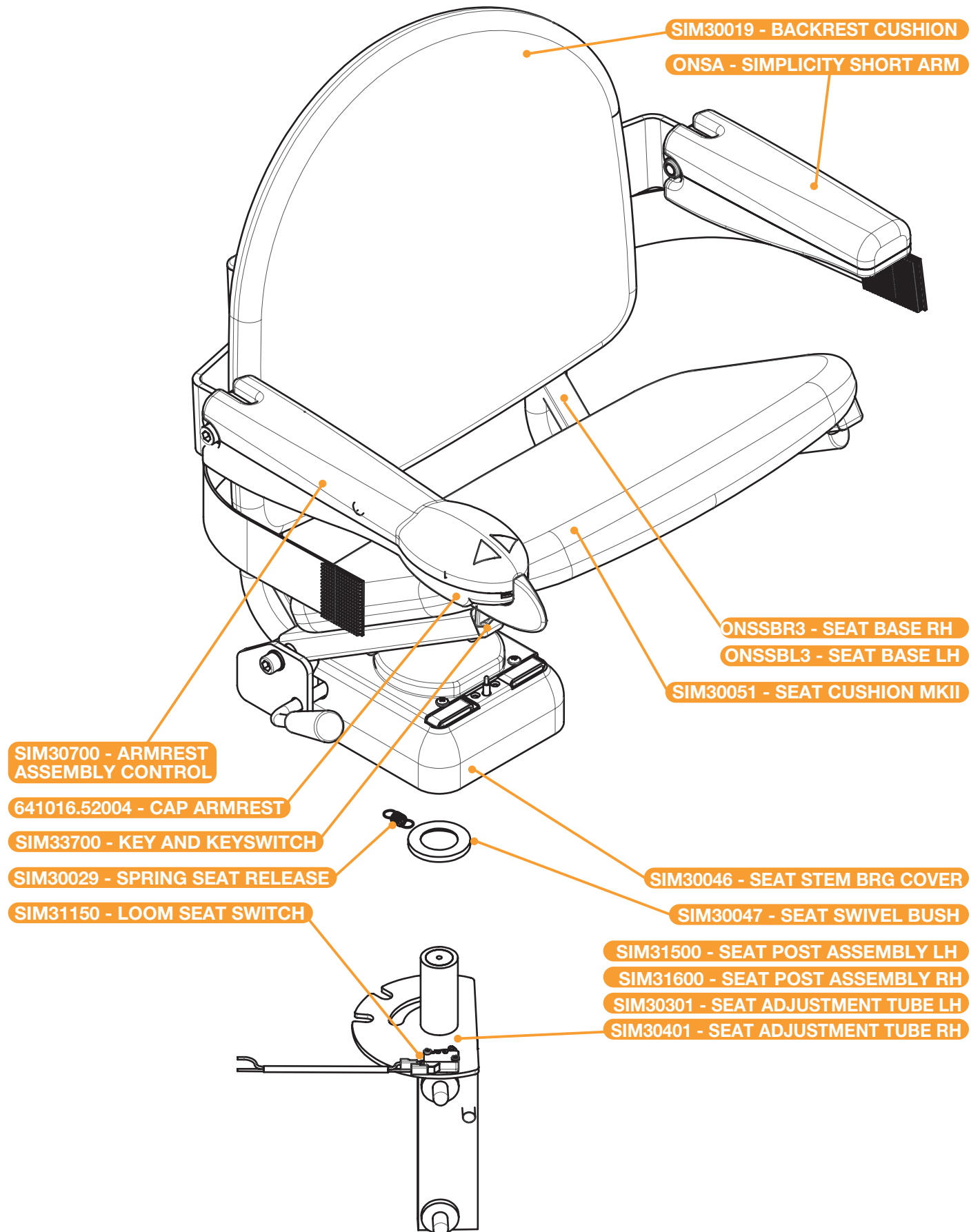
Display	Action
	
Over current	
FAULT	

Display	Action
	
Sleeping mode	
FAULT	

Display	Action
	
Sleeping mode	
FAULT	

If the display is showing anything but the diagnostic codes listed it requires resetting: drive the lift off the charge contacts. Turn the main switch on the unit off for 10 seconds and then back on.

SPAREPARTS



SIMPLICITY SEAT

SMART SEAT UPHOLSTERY OPTIONS
 ORCPUCO - COCOA
 ORCPUJA - JADE
 ORCPURU - RUBY
 ORCPUSA - SAND
 ORCPUSP - SAPPHIRE

**ORASKSSD - ARM SPACERS
DOUBLE SIZE**

**ORASKSS - ARM SPACERS
STANDARD SIZE**

**RNA35031 - ARMREST
ASSEMBLY RH
(NO CONTROL)**

**RNA35006 - ARMREST
ASSEMBLY RH
(CONTROL)**

**RNP30050 - KEY SWITCH
SIM33700 - KEY SWITCH**

641415.52001 - LEVER SWITCH

**RNA35003 - SEAT BELT
ASSEMBLY LH**

RNP30041 - RELEASE LEVER LH

RNP30042 - RELEASE LEVER RH

RNP30094 - LOOM SEAT SWIVEL SWITCH

RNP30077 - TORSION SPRING

RNP30015 - SWIVEL MOTOR

SMART SEAT EXTENDED UPHOLSTERY OPTIONS
 ORCPUEJA - JADE
 ORCPUERU - RUBY
 ORCPUECO - COCOA
 ORCPUESA - SAND
 ORCPUESP - SAPPHIRE

RNA35004 - SEAT BELT ASSEMBLY RH

RNA35030 - ARMREST ASSEMBLY LH (CONTROL)

RNA35005 - ARMREST ASSEMBLY LH (NO CONTROL)

ORESFK - EXTENDED

**OXSSSBEU - SEAT BASE
EXTENSION UPGRADE**

RNP30076 - FLAP SWITCH BRACKET

172001.52120 - HAN 126 PCB

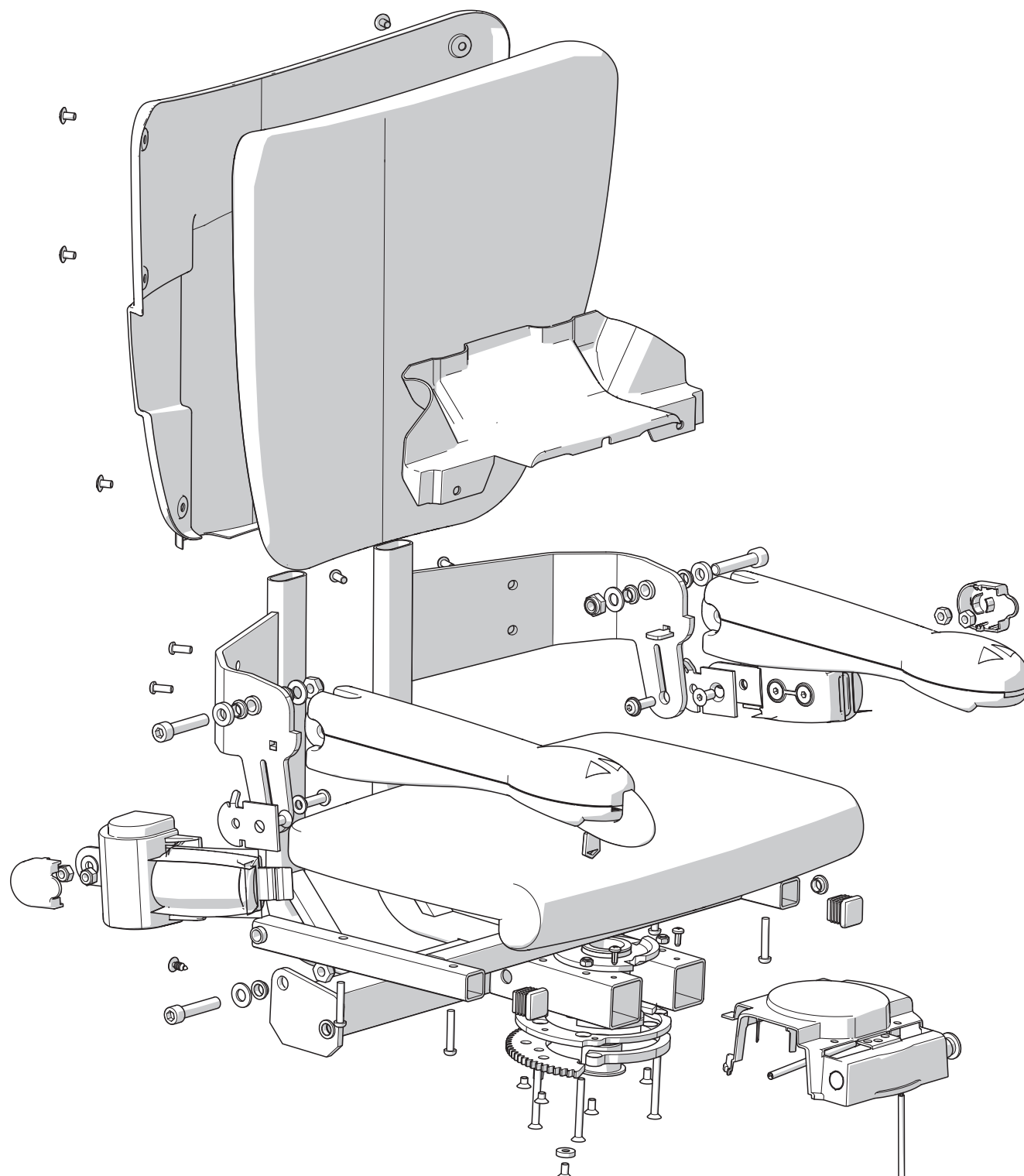
RNP30129 - IGUS BEARING

**RNP30155 - PRESSED
SHAFT AND PINION**

**ONRPSL - SMART SEAT
POWER SWIVEL OPTION LH**

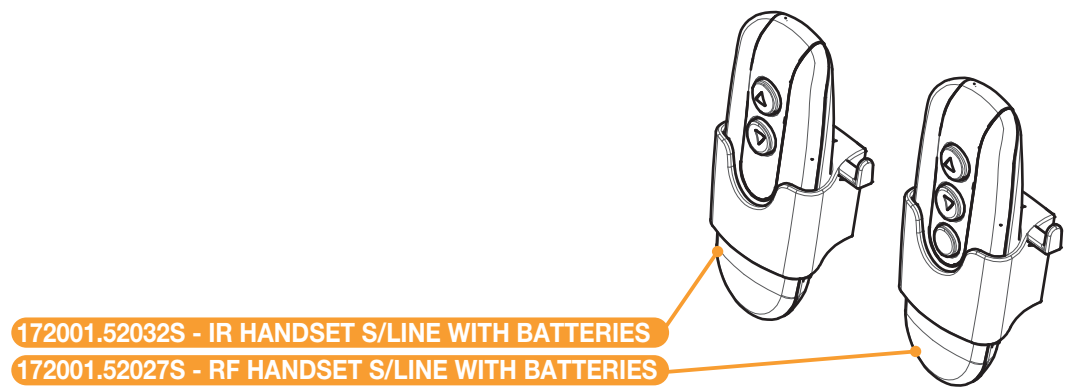
**ONRPSR - SMART SEAT
POWER SWIVEL OPTION RH**

SMART SEAT



STYLE SEAT

SPAREPARTS





AMERIGLIDE
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Raleigh, NC 27616
ameriglide.com

USER MANUAL



000411.1506, rev. E