

## Troubleshooting tips

In the unlikely event that your bathlift develops a technical fault or is performing below its original specification, please refer to the table on the right, prior to contacting your supplier for assistance.

### Important tips for reliability

Ensure the battery is charged every 2 weeks for optimum performance. Ensure the belt and slip cushion are regularly cleaned and allowed to dry naturally.

We recommend your bathlift is serviced every 12 months.

If your bathlift is not going to be used for more than a week, it is essential to remove the battery from the unit to prevent it being discharged.

**Failure to do so could invalidate your warranty.**

This will help to ensure your bathlift and building attachments are safe and reliable.

### NOTE

Please contact your supplier if you are unsure how to use your bathlift correctly or the suggested tips have not rectified the fault.

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SYMPTOM	CAUSE	SOLUTION
Red lamp on handset lit	Battery low	Recharge battery
Red lamp on handset flashing	Battery very low	DO NOT USE until battery is charged
Belt is very slack when fully raised	Incorrect width setting	Readjust as page 8
Belt is too taut when fully raised	Incorrect width setting	Readjust as page 8
Belt has an odour or is grimy	Not regularly cleaned / dried	See page 8 for instructions
Motor struggling during lift	Battery low	Recharge battery
	Service required	Contact your dealer
Unusual noises from motor	Service required	Contact your supplier
Belt showing signs of fraying or serious damage	Service required	Contact your supplier
Belt creased	Belt being wound incorrectly	Sit upright when raising or lowering
Belt raises when Grey button pressed	Belt wound up in reverse	Contact your supplier
Belt will not raise or lower	Electronics fault or Belt wound up in reverse	Contact your supplier
	Battery very low	Recharge battery
Seat height altered	Leg adjustment loose	Contact your supplier

## Belt care

### Belt reversal - remedial action

Unscrew 4 allen screws from below the seat and remove the whole seat assembly (fig.1).

Unwind the belt by pressing the 'Up' button on the handset, and ensuring the magnets in the belt are lifted up and away from the reed switch.

Unwind belt fully - ensuring you keep tension on the belt as it unwinds (fig.2).

Go past the end of the belt - where the metal belt clamp plate can be seen. (The belt should now be winding **in** instead of **out**). Double check that when the grey 'Down' button is pressed the belt uncoils, and when the red 'Up' button is pressed the belt winds in.

Fit seat assembly back on the bathlift, by tightening the four allen screws back in place.

Raise the belt until it stops on the magnets normally - always keep tension on the belt when raising or lowering (fig.3).

The bathlift should now raise and lower correctly, please check the tautness is correct - the belt should be just taut when the magnets stop the bathlift raising (fig.4).

### NOTE:

If the magnets are not trapped inside the top panel and allow operation in both directions, just press the red button continuously, while keeping tension on the belt until it winds completely out and back in normally.

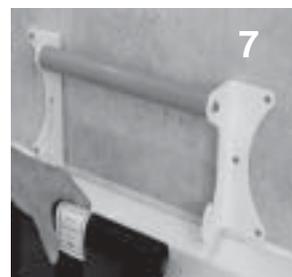
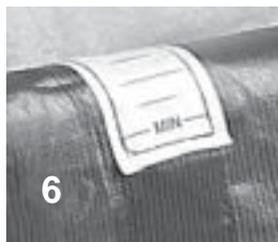


## Belt care

### Belt attachment and removal

A stainless steel bar is attached to the fixed end of the bathing belt, the excess belt is wound around the bar until the belt is relatively taut. (The white label will normally be level with the grab rail).

Note the marking of the belt label, it will indicate either 'MIN', 'MID' or 'MAX' depending on



your bath width. This will have been set for you initially, but you will need to remember which is best for you (fig.6).

The belt can be removed from the grab rail for cleaning or for others to use the bath, but when refitting, ensure the belt is fully 'raised', and that the belt is fitted back into the grab rail cradles correctly, wound to the same width setting as before (fig.7).

### Belt cleaning

To clean the belt, please follow this procedure:

Lower the bathing belt into the bath, putting hand pressure on the empty belt to maintain tension at all times.



Using a damp cloth and anti-bacterial cleaner, wipe down the upper and lower surfaces of the belt.

Allow to dry naturally while lowered.

Raise the bathing belt fully, again putting hand pressure on the belt to maintain tension at all times. Check your belt is set to the correct width setting as mentioned earlier.

### Slip-Cushion cleaning

The slip cushion can be removed by unsecuring the velcro straps. Hand or machine-wash at 40°C, (ensuring straps are closed during washing). When clean and dry simply re-attach the velcro straps under the belt. Straps should not be too taut to allow it to slide sideways easily.

### Seat and metalwork cleaning

The padded seat, handset and all the external metalwork can be cleaned using a damp cloth and anti-bacterial cleaner, drying thoroughly afterwards.

Care should be taken to keep moisture away from the battery and the battery chamber.

## Belt screw check

Following the Gear drive check, using the handset, unwind the belt fully until 3 drive-clamp screws are accessible. (Keep tension on the belt at all times during the unwinding).

Check tightness of the 3 drive-clamp screws, (fig 26), using a 3mm allen key.

At the opposite end of the belt, remove the adjuster-bar from the Grab Rail, unwinding until the adjuster-bar screws are accessible.

Check tightness of the 3 adjuster-bar screws (fig 27) using a 3mm allen key.

Put the padded seat and the seat-support panel back in place and secure with the 4 button head screws, using a 3mm Allen key (fig 28).

Check the whole length of the belt for any serious signs of damage or fraying. (Replace if necessary), otherwise replace the adjuster-bar back into the Grab Rail and rewind the belt as before.

The following is a check list of visual inspections or tightness settings, please ensure you check each item thoroughly.



Item	Service required	OK?
Seat height	Measure ¼" (6mm) bath to seat panel clearance.	
Grab Rail fixings	Check tightness of the wall & floor screws.	
Electronics	Check for normal operation.	
Battery	1) Discuss charging habits of user. 2) Ensure battery slides in & out of chamber OK, (if tight, lever or tap with soft mallet side extrusion wider. NOTE: Battery has a normal life expectancy of 3 years before replacement is necessary, dependant on use.	
Charger	Check connector pin & cable for damage.	
Slip cushion	1) Check condition of cushion. 2) Check security of Velcro straps under belt.	
Overall	Check for unusual noises, serious corrosion or other damage.	
Service stamp	Sign & date USER GUIDE.	

## Annual Service Checks

Providing the Molly Bather does not require any remedial action prior to the service period, the following Service Checklist should be adequate for normal domestic duty.

### Gear drive check

Remove the 4 button head screws holding the seat-support panel, using a 3mm Allen key (fig 22).

Put the padded seat and the seat-support panel to one side.

The gear drive is in the leg chamber on the left-hand side.

Using the handset, rotate the large gear until the retaining grub screw is accessible (fig 23).

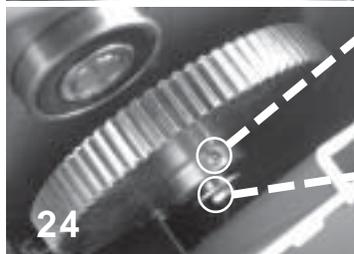
Check the tightness of the gear retaining grub screw, using a 2.5mm Allen key (fig 24 upper).

Check the tightness of the gear retaining hexagon head screw, using an 8mm spanner (fig 24 lower).

Apply Castrol LM grease or equivalent on the teeth of the large gear.

Rotate 180° using the handset to apply grease to opposite side of the gear (fig 25).

The gear train will not need more attention for a further 12 months.



## Belt care

### Belt replacement

Unscrew 4 x allen button head screws from seat plate and withdraw the seat assembly.

Lower the belt to half way. Unscrew the 4 button head screws from the front panel. Slide front panel up and slide up and out of the system.

Fully unwind the belt from the Molly Bather by pressing the 'Down' button on the handset. Keep unwinding to the end of the belt (fig 8). You will be able to see a metal clamp plate holding the belt in place. Remove the 3 longer drive-belt screws, withdraw clamp plate and remove belt (fig 9).

**IMPORTANT:** Ensure you always apply pressure to the belt.

Align the holes in the new belt with the holes in the drive shaft and the metal clamp plate. Screw the 3 drive-belt screws into place.

Detach other end of old belt from the grab rail cradle, and unroll belt to expose the adjuster-bar. Unscrew the 3 shorter drive-screws from the adjuster-bar & clamp (fig 10).

Align the holes in the bars with those in the end of the new belt and screw into position. Roll up belt and re-insert in to grab rail (fig 11).

Replace the front panel and screw back into position. Raise the belt back into the system by pressing the 'Up' button until it cuts out on the microswitch. Reposition the top seat panel and screw back into position.

The belt is now fully replaced, please check the tautness is correct - the belt should be just taut when the magnets stop the bathlift raising.



## Electronics replacement

### Removal

Unscrew the 4 allen button head screws from seat plate and withdraw seat assembly (fig 12).

Lower belt half way, unscrew the 4 allen button head screws from the front panel and slide panel out.

Unscrew the 2 button head screws from the electronics clamp plate and remove (fig 13).

Carefully remove the battery and motor connectors (fig 14).

Lift the belt over so you can access the blue reed-switch, unscrew the 2 allen button head screws from the reed-switch plate and remove (fig 15).

Feed the handset cable behind the black bath stops and push the handset down between the back panel and guide roller.

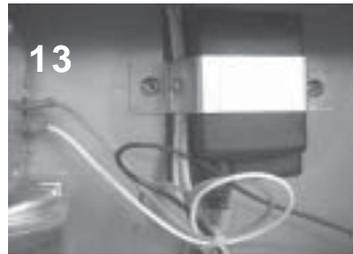
You will need to push the back panel outwards to allow room for the handset to pass (fig 16).

Unscrew the blue reed-switch from plate and remove. (Retain for new electronics).

The electronics are now fully removed.  
(New part ref: **ELEC**)

### Fitting new electronics & checking

Remove new electronics from packaging.  
Attach microswitch to plate with 2 x pozi screws. Do not tighten fully (fig 17).



## Electronics replacement

### Fitting new electronics & checking (contd.)

Feed handset behind the belt, between the guide roller and back panel (fig 18).

Secure correct length of cable with a cable tie and slide grommet up to it. Feed handset behind black bath stop.

Feed the reed-switch plate behind the belt roller and locate in position, trapping the grommet in the cutout. Screw in place with the 2 allen button head screws & washers (fig 19).

NOTE: The top of the blue reed-switch should be aligned below the bottom lip of the back panel. It is important the belt never touches it or it will break.

Put the belt back in to the grab bar to allow access to the electronic connectors and back panel.

Place the electronics clamp plate over electronics box, with the handset and reed-switch cable inside the left channel and secure in position with the 2 allen button head screws (fig 20).

Connect the battery wires 'Red to Red' and 'Black to Black', then fit the motor wires 'White to bottom motor tag' and 'Green to upper motor tag' (fig 21).

Raise belt to half way.

Slide front panel back into position and secure with the 4 allen button head screws.

Reposition the top panel and secure with the 4 allen button head screws. Raise belt using the handset until it stops on the microswitch. Ensure belt width is set correctly.

Electronics are now fully replaced.

