

MOUNTWAY
Solo
TOILET LIFT

**INSTALLATION, OPERATING INSTRUCTIONS
& PARTS LIST**



*PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE
USING YOUR MOUNTWAY SOLO TOILET LIFT.*

V.1

Part Number TL614

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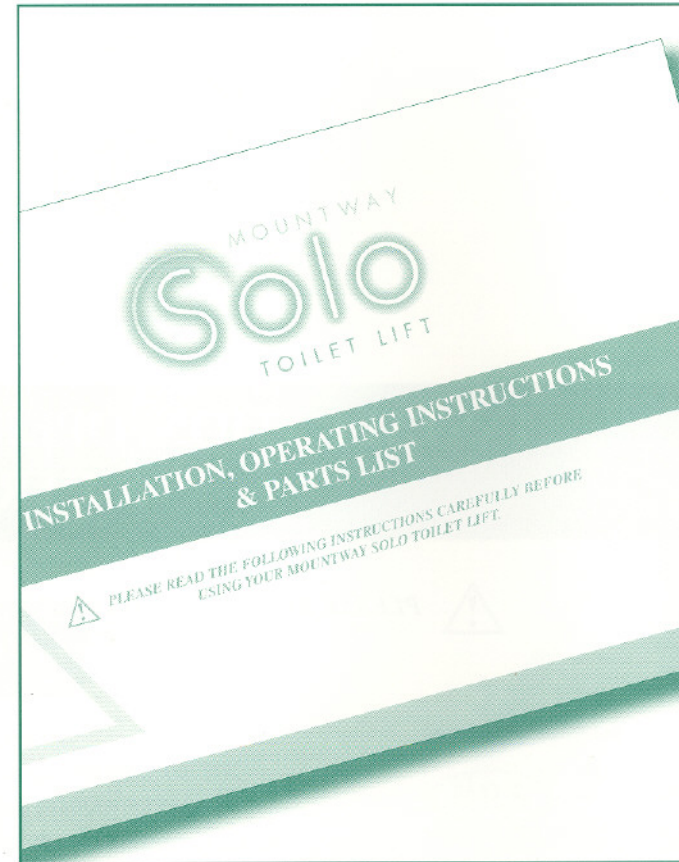
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1. UNPACKING THE MOUNTWAY SOLO TOILET LIFT

For ease of handling it may be convenient to unpack your SOLO (see fig 1) in a large area. Once you have opened the packaging ensure that the SOLO has not been damaged in any way and that all parts are included. If it has been damaged or parts are missing contact your supplier immediately.

In the box you will find:

- A MOUNTWAY SOLO TOILET LIFT complete with seat
- 2 battery packs
- A battery charger
- 4 feet cups
- 4 Adhesive anti-slip pads
- Standard Arms & attachments (if ordered)
- Switching Arm & attachments (if ordered)
- Hand Control (if ordered)

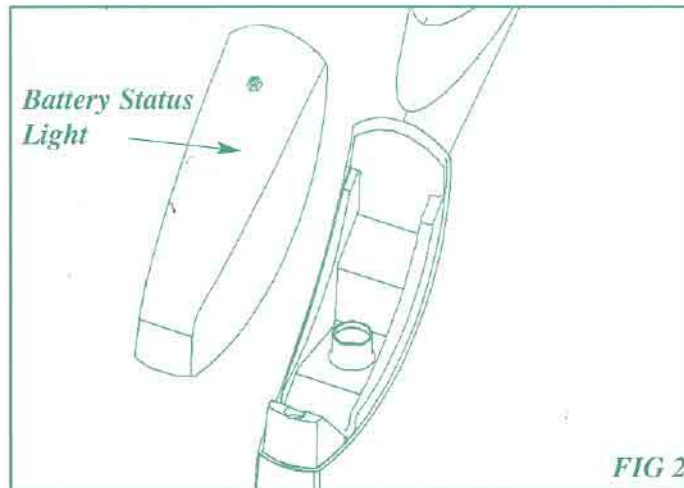


FIG 1

2. BEFORE YOU START

Before you begin installation, please check that one of the batteries is charged by placing it into the socket on the SOLO. If the red light on the battery pack (See fig 2) illuminates please charge before commencing installation. Place the other battery on charge.

If your toilet lift is supplied with arms, please refer to page 5 – Fitting the Arms – before installing.



3. INSTALLATION

Ensure your battery is not fitted during installation.

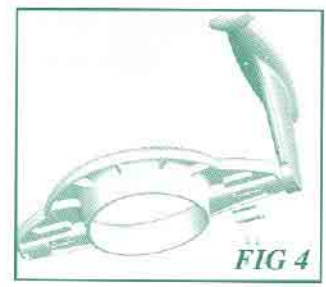
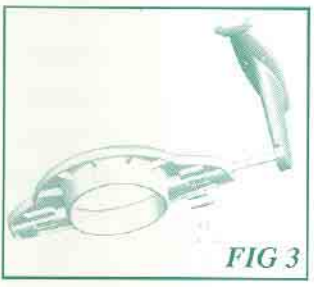
Remove existing toilet seat and ensure that all floor areas are clean and dry. It is advised that the toilet seat is retained for future refitting. Place the SOLO over the toilet bowl and adjust the height by turning the feet anti-clockwise to raise and clockwise to lower. There should be around a 25mm clearance between the toilet bowl and the underside of the seat. Ensure that the rear cross tube is not touching the toilet porcelain and all four feet are on the floor securely. Operate the SOLO to ensure that no fixtures, i.e. sink unit, bidet, will obstruct the raising and lowering of the seat. Check that the SOLO is positioned centrally – this will avoid the possibility of any finger traps when the seat is lowered into the DOWN position.

4. FITTING THE ARMS (WHERE APPLICABLE)

This section should be completed before the installation of your SOLO. Put the switched arm in place as required (see fig 3). Please note, standard switching is on the left arm, right arm switching is supplied by special order. Plug the arm cable into the socket at the side of the SOLO as indicated (see fig 7). Use the switch on the arm to raise the seat fully and disconnect the cable. Using the plates and screws supplied, position and attach (see fig 4). If a further arm is supplied repeat the above process. Reconnect arm cable to socket. Once arms are fitted DO NOT move the Solo by lifting by the arms.

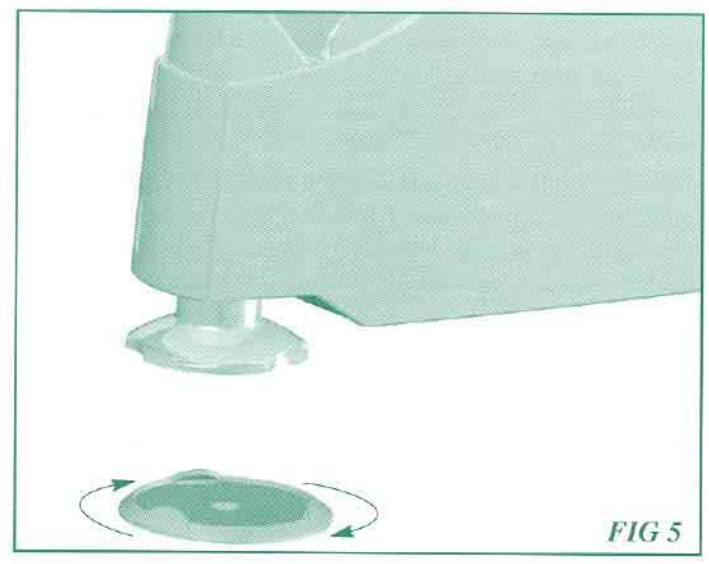
Note: The arms are designed as a support during raising and lowering and not as a lifting mechanism themselves. Excessive weight should not be applied to the arms.

If arms are fitted it is recommended that the feet are securely attached to the floor.



5. FITTING FEET CUPS AND ANTI-SLIP PADS

Your SOLO is supplied with 4 feet cups and 4 anti-slip pads. To fit the pads to the feet cups simply remove the backing paper and position centrally on the underneath of the feet cups. When attached, the anti-slip pads provide extra stability for the SOLO if required. To attach the foot cup, place under SOLO feet, align cut-outs and twist clockwise (see fig 5). It is suggested that this is done before placing the SOLO over the toilet bowl. Ensure the battery is not in place during installation.



6. PERMANENTLY ATTACHING FEET CUPS TO FLOOR.

Before drilling, please ensure that the area around the toilet is clear of underground pipes and electrical cables.

For maximum security the feet cups can be attached by screws or a silicone based adhesive to the floor. Before continuing, please check that the floor is suitable for long-term attachment (beware of under floor heating). Once the cups have been fitted (see page 5), place the SOLO over the toilet and ensure its correct position (see page 4). Using a non-permanent marker draw around the outside of each foot. Remove the SOLO and detach the cups, place the cups back over the marks so that the indentations are correctly aligned and either silicone, or using the central hole in the cup, screw to the floor. Place the SOLO back over the toilet with the feet positioned in the attached cups and turn the feet clockwise to lock into the cups. It is recommended that anti-slip pads are fitted before screwing cups to the floor to prevent rotation, but should not be fitted if using an adhesive to attach cups to floor.

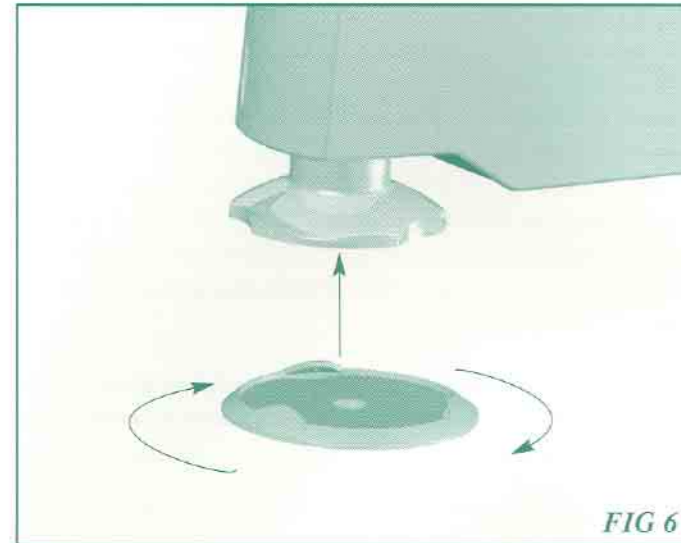


FIG 6

7. THE BATTERY

Your SOLO is supplied with 2 batteries; it is recommended that the battery not in use is always left on charge. Insert the battery pack to its location in the front compartment of the SOLO (see fig 2 on page 4). Check the red light on your battery pack is not illuminated, if it is charge immediately.



FIG 7

8. ARM/HAND CONTROL OPERATION

Plug the hand control cable or arm cable in to the socket located at the rear of the SOLO. (see fig 7) The first time any button is pressed a battery test will be initiated. On completion of the test the appropriate light will come on as follows: -

(The light is located on the arm and in the hand control)

GREEN on continuous – OK to use.

GREEN FLASHING – OK to use but recharge at end of next use.

A **RED** light is incorporated into the battery pack. When it comes on, it indicates that the battery is flat. Do not use and recharge immediately.

To use the SOLO with the hand control, press the UP button or on the arm move the toggle to the left (see fig 8), to raise SOLO to the height required. Gently sit on seat, press the DOWN button or push the arm toggle to the right and lower SOLO to a height that is comfortable. Press the UP button to rise again. The best action during lifting is to ensure your feet gradually take the transfer of weight from the SOLO. If required, the SOLO can be stopped at any time to reposition yourself on the seat by releasing the button.

In an emergency situation, all movement can be terminated by removing the battery pack.

Side transfer is possible with the seat left in the down position. If the SOLO is fitted with arms, these can be raised clear to allow side access.

The SOLO should be operated down to its lowest position after each use.

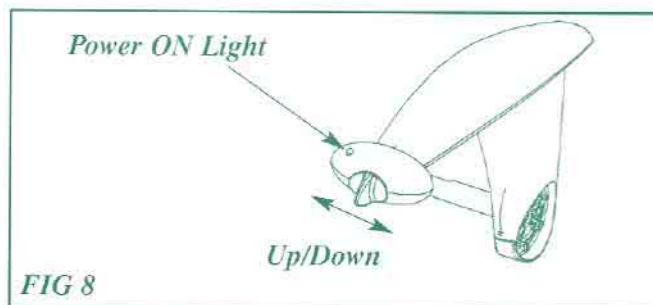


FIG 8

9. CHARGING THE BATTERY

Your SOLO is delivered as standard with 2 domestic batteries; institutional batteries are available as special order. To recharge the batteries, remove from the SOLO and place on charger outside of the bathroom. Plug the charger into the mains electricity supply and switch on.

The battery is designed to be left on charge without causing harm to itself or the charger. It is recommended that the battery not in use be left continuously on charge and that the batteries are swapped over on a routine basis, for example daily.

The duration of the charge depends on the state of the battery but a charge of 15 hours duration should return a completely flat battery to the GREEN fully operational mode. The battery status can be checked at any time by reconnecting the battery to the SOLO and pressing the toggle or hand control (See page 7).

For optimal battery conditioning, it is recommended that the battery be recharged regularly. You cannot overcharge the battery.

10. CLEANING

Clean your SOLO as frequently as you clean your toilet seat. Any proprietary bathroom cleaner can be used to clean the SOLO. **DO NOT** use an abrasive cleaner or solvent based cleaners such as white spirit, as this will damage the seat and cover surfaces. Should you wish to disinfect the SOLO, simply wipe down with a proprietary sterilising solution or anti-bacterial cleaner. Use at the same concentration as you would for other domestic surfaces, such as basins and baths. If you have any queries, please contact Mountway.

The SOLO is **NOT WATERPROOF**. When cleaning, wipe down all surfaces. **DO NOT SHOWER** or **IMMERSE** in liquids.

11. MAINTENANCE and SERVICING

The SOLO is designed to be maintenance-free for many years. However, it should be inspected annually either by your supplier or other qualified person. This person will inspect the toilet lift to ensure that there are no loose fittings or other evidence of mechanical damage. Also the floor base/area should be inspected annually to ensure that it is perfectly safe to use your SOLO Toilet Lift.

There are NO user-serviceable parts in the SOLO. Repairs and servicing must be entrusted only to your SOLO dealer or other authorised person.

Should local facilities be unavailable, then Mountway offers an inspection, repair and/or refurbishment service at its factory. To arrange for this service, please contact Mountway – details on back page.

12. WARRANTY

This product is sold with the benefit that, in the event of any defect of manufacture or material appearing within 24 months of the date of the receipt of the product, the defect will be rectified free of charge, provided that:

- a) Reasonable evidence is provided (e.g. purchase invoice or delivery note) that the product was purchased not more than 24 months prior to the date of claim; and
- b) The defect is not attributable to accidental damage (either in transit or otherwise), fair wear and tear, wilful damage, misuse or unauthorised repair.

The battery is guaranteed for 12 months subject to the conditions stated above.

Consumers' statutory rights are not affected.








13. PRECAUTIONS

- The SOLO is a powerful lifting device and it is essential that no obstacle or obstructions become caught during the raising or lowering of the seat. If something does get caught, IMMEDIATELY stop the operation and raise/lower the seat to free the obstruction.
- Do not use the SOLO for uses other than that for which it was designed and do not use it in combination with other lifting or moving devices.
- The batteries are for use solely with the SOLO Toilet Lift and cannot be used to operate any other product.
- Only use the Mountway charger to charge the SOLO battery and for no other purpose. Never use any other charger. Never charge in the bathroom or any humid area, charge in dry area only. Ensure your hands are dry before you do this.
- When using the SOLO communally, we recommend cleaning the seat with a suitable sterilising solution or anti-bacterial cleaner after each use.
- To ensure that the hand control is not damaged accidentally, please do not leave it to hang down free.
- In an emergency situation, removing the battery pack can terminate all movement.
- For installations in rooms with potentially slippery floor surfaces, check that the area immediately in front of SOLO is dry before use to eliminate a slipping hazard.
- Before installation, please ensure that the floor surface is sound and solid, for example, no broken floor boards etc.
- It is advisable periodically that the user or carer checks the unit is still correctly aligned with the toilet bowl and there is no obvious damage on the product.
- The arms are designed as a support during raising and lowering and not as a lifting mechanism themselves. Excessive weight should not be applied to the arms.
- DISPOSAL: The plastic, metal parts and packaging are recyclable, but the batteries are Nickel Cadmium and should be disposed of only by returning it to your supplier, the manufacturer or an authorised disposal point.
- CLOS-O-MAT USERS: The SOLO has been designed to fit the Clos-o-Mat WC/shower toilet system. In this configuration, the rear of the seat can present a fingertrap at the bottom of its travel. In normal use, this does not present a hazard but care must be taken when approaching the rear of the unit with the seat moving downwards. This has been highlighted with the addition of warning labels, placed appropriately. Please contact your Clos-o-Mat supplier for details of fitting SOLO to the Clos-o-Mat.

14. SYMBOLS

To comply with international standards for medical equipment, the following symbols will be found on the SOLO labels.

	This means that only direct current from a small battery is used to power your SOLO. There is NO connection to mains electricity when in use, so there is no danger of electric shock
	This symbol, found on the handset, arm and battery box, means that the light indicates the battery status.
	This means that the SOLO is Type B medical equipment and meets International standards for electrical safety.
IP44	This means that the SOLO is sealed to the International standard against the effects of splashing water.
	Class II equipment.
	This means PLEASE READ THE INSTRUCTIONS BEFORE INSTALLATION OR USE.

15. TECHNICAL DATA

The Mountway SOLO Toilet lift seat is made of glass-filled polypropylene, over moulded with ABS. All structural components i.e. chassis & lifting struts are made of glass-filled polypropylene. The side covers, battery covers and hand control are made of ABS. The feet are made of nylon.

The SOLO is in the official category of "internally powered equipment" and is not suitable for use in the presence of flammable anaesthetic mixture with air or nitrous oxide.

The equipment conforms to the requirements of:

- BS EN 60601-1 : 1990
- The European Council Directive 89/336/EEC relating to Electromagnetic Compatibility.
- The European Council Directive 93/42/EEC relating to Medical Devices.
- The European Council Directive 73/23/EEC relating to electrical safety.

Dimensions

Overall Width	612mm (24.02in)
Bowl Clearance width	390mm (15.35in)
Height (min)	442mm (17.4in)
Depth (front to back)	520mm (20.4in)

Height Adjustments

Bowl Height	380mm – 430mm (15in – 16.9in)
Feet Adjustment	65mm (2.56 in)
Pedestal height range	360mm to 420mm

Maximum Load - 160 kg (25 stones) person

Lifting Capacity

Duty Cycle One complete operation per 5 minutes

Power Input 14.4V dc nominal 10A max

Degree of protection IP44

Weight

Toilet lift (inc standard battery)	17 kg
Battery pack institutional	1.2 kg
Packing box	3.0 kg
Total packed weight	33 kg (institutional)

Material

ABS, Polypropylene

Operating & Charging**Battery Charger**

Input (standard)	230V ac 6VA 50Hz
Output (standard)	18V dc nominal 70mA
Input (institutional)	220-240V ac 150mA 50Hz
Output (institutional)	18V dc nominal 280mA

Battery Pack

Output (standard)	14.4V dc nominal 600mAh
Output (institutional)	14.4V dc nominal 2800mAh

Operating and Charging Temperatures

Max	50°C (122°F)
Min	5°C (41°F)

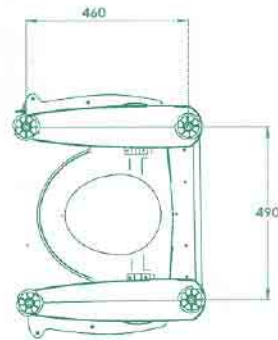
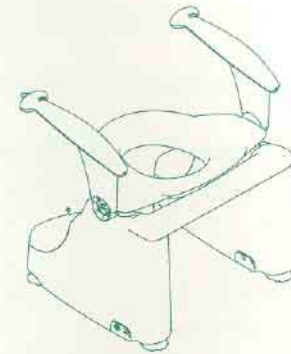
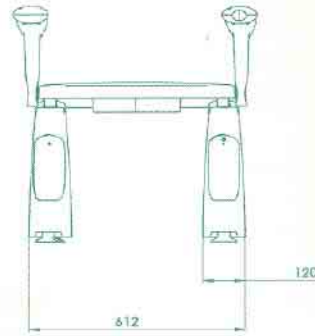
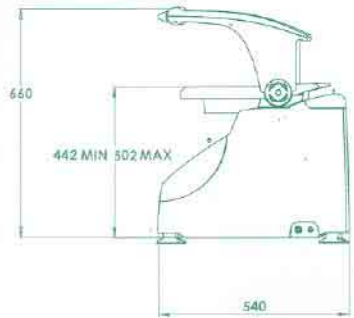
Colour White

Shipping & Storage

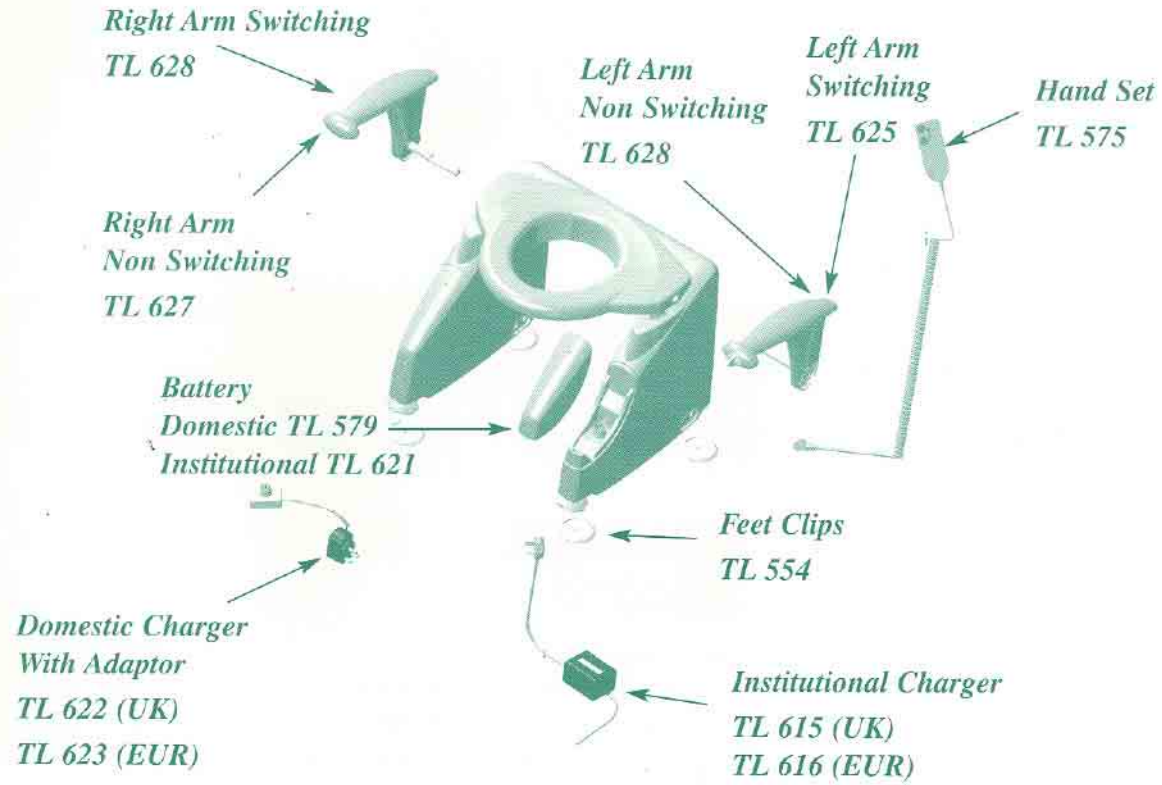
Temperatures	Max 50°C (122°F)
	Min -10°C (14°F)
Humidity	Max 90% RH
	Min 10% RH
Pressure	Max 125 kPa (18.4 psi)
	Min 73 kPa (10.7 psi)

This product is suitable for transport in pressurised aircraft holds.

16. DIMENSIONS



17. PARTS LIST



MOUNTWAY SOLO TOILET LIFT IS MANUFACTURED BY:



Mountway Limited

Tafarnaubach Ind. Est. Tredegar NP22 3AA UK

Tel: (01495) 718000 Fax: (01495) 723360

E-Mail: mail@mountway.co.uk www.mountway.co.uk



Mountway Limited reserve the right to alter specifications of products or packaging at any time.

