

# Sceptre Plus Bath With Powered Seat Installation Guide

The Sceptre Plus is supplied with the following:

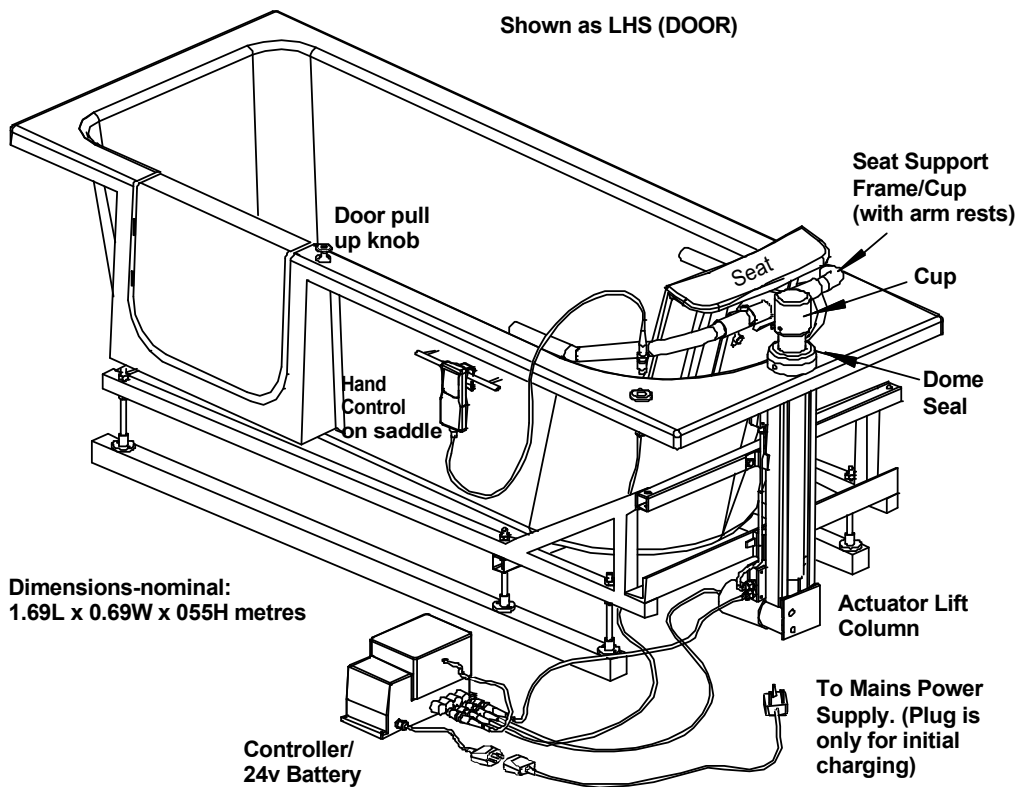
Bath LH or RH with fitted battens  
Bath Seat  
Front Panel  
End Panel – optional  
2 x Pop-Up wastes + 2 x Shallow Waste Traps

## Actuator Lift Components

Actuator Lift Column with 2 x M8 & 1 x M10 Bolts and washers  
Seat Support Frame with 4 x 35mm cap screws and 8 washers  
Flange Dome Seal  
Controller Box (with integral charger & battery)  
Hand Control and Saddle

## Special Fixing Tools Required:

Hexagonal Alan Keys  
Size 4mmAF(for seat cup & dome)  
Size 8mmAF(seat frame)  
Ring spanner 17mm (for M10 bolt)  
Ring spanner 13mm (for M8 bolt)



## General Notes

The Sceptre Plus bath is a standard configured tub with the inclusion of an inward opening door and an actuator powered seat (rising & lowering only). The actuator lift column can be fitted before or after the bath tub installation, which ever is easier. This is an on site decision.

- 1) The tub is supplied with 7 supporting feet on a 30mm square metal box framework on underside and pre-fitted onto 2" x 2" timber batten runs.
- 2) The height of the bath including the fitted battens has been adjusted to nominally 550mm. Keep the door threshold/step at its lowest height for user comfort.  
**DO NOT INCREASE BATH HEIGHT.**
- 3) The actuator column is fitted simply on to an integral supporting tower structure over the bath sub frame with 3 positioned bolts & an angled bracket. The fasteners are prefixed at the factory such that no positioning or levelling is required on installation.
- 4) Bath is filled when user has entered and shut the door, consequently the taps must be thermostatically controlled and possibly pumps assisted for fast fill.

- 5) Twin Pop Up wastes are provided to facilitate for faster drainage and safety should one fail. 2 x shallow waste traps are supplied for shallow fixing of waste provision to ensure bath is installed at its lowest height for easier user access.

**THE SCEPTRE PLUS BATH & SEAT ARE MANUFACTURED IN GLASS FIBRE. WHEN HANDLING PROCEED WITH CARE. IN PARTICULAR THE EDGES ARE MORE BRITTLE THAN IN ACRYLIC BATHS.**

**THE SEAT SUPPORT FRAME HAS A SPECIAL PLASTIC COATED SURFACE. HANDLE WITH CARE TO AVOID UNDUE KNOCKS OR SCRATCHES.**

### **BATH TUB INSTALLATION GUIDE**

**\* IMPORTANT - IF THE BATH IS FITTED IN AN 'ALCOVE' (SPACE BETWEEN WALLS OR FURNITURE) ENSURE A LOOSE FIT. THE BATH MUST NOT BE FORCED TIGHT INTO POSITION AS THIS CAN DISTORT THE DOORWAY AFFECTING THE INTEGRITY OF THE SEAL.**

- 1) Fit the wall fixing brackets to bath timber frames to allow the bath to be secured to walls that abut the bath.
- 2) Drill and affix taps.
- 3) Fit wastes, overflow and shallow waste traps supplied.
- 4) Place bath into position. ENSURE FLOOR AREA WHERE CYLINDER IS LOCATED IS FLAT AND AT THE SAME LEVEL AS UNDERSIDE OF WOOD BATTENS. Consideration should be given in areas where bath battens run parallel to wood floorboards, as bath load should be spread over floor joists.
- 5) Level bath in all planes.
- 6) Mark wall fixings and plumbing runs.
- 7) Remove bath, drill wall fixings and run plumbing into position.

**ACTUATOR LIFT CAN BE FITTED NOW OR AFTER THE BATH IS FIXED INTO POSITION. THIS IS AN ON SITE DECISION.**

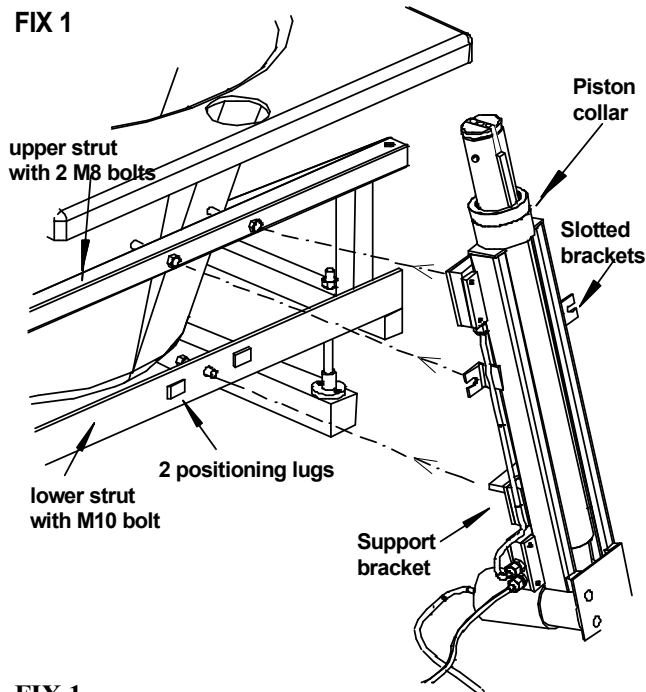
- 8) Re-position bath and affix to wall and to floor. Ensure bath foot under the door entrance is cranked up to support the doorway.
- 9) SEE ACTUATOR LIFT INSTALLATION
- 10) SEE ACTUATOR LIFT COMMISSIONING
- 11) Connect plumbing. The wastes may be run independently or joined by use of a tee, inserted after the shallow traps. Refer to fitting guides for the Thermostatic valve and Pump if supplied.
- 12) Test plumbing for leaks and pump operation.
- 13) Fill bath to maximum and leave for about 30 minutes to test door seal.
- 14) Whilst bath seal is tested position and trim to size front and side panels if required (front panel lips into top rim and is pre-cut to bath height).  
AFFIX HAND CONTROL SADDLE TO TOP OF FRONT PANEL (through pre-drilled holes).
- 15) End panel will require batten support along floor and on the vertical corner sides. Mark bottom of panels onto floor base and on the vertical and fit accordingly.
- 16) Refit front and side panels. Drill through bottom into batten. Affix panels using screws and caps. Do not use Silicone sealant as this prevents service access.
- 17) Drain bath and leave the door in an open position.
- 18) Refer to the 'USER GUIDE' and instruct customer on the use of Bath and Seat Lift. Leave copy of the 'User Guide' with customer. Advise customer to always leave door in an open/unlocked position when not in use to prevent deforming of the seal.

**\*\* IMPORTANT – FRONT PANEL MUST BE FIXED IN A MANNER THAT ALLOWS FOR EASY REMOVAL TO ACCESS THE ACTUATOR LIFT SYSTEM FOR SERVICING.**

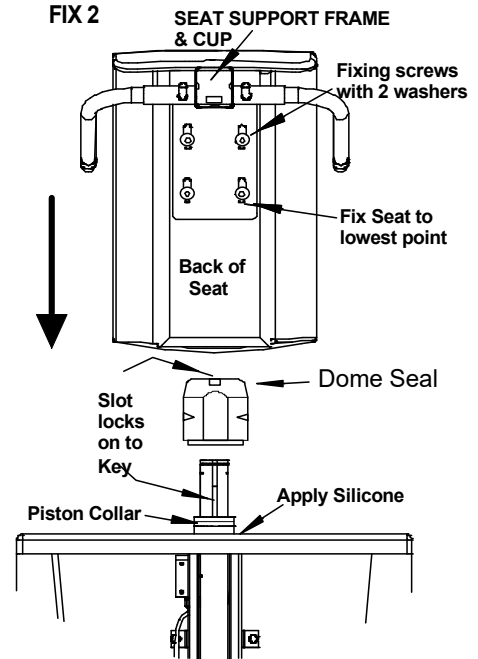
**\*\* KEEP SIDE AREA TO ACTUATOR FIXINGS FREE OF ANY SERVICES TO ALLOW FOR FUTURE ACCESS.**

# ACTUATOR COLUMN INSTALLATION

**FIX 1**



**FIX 2**



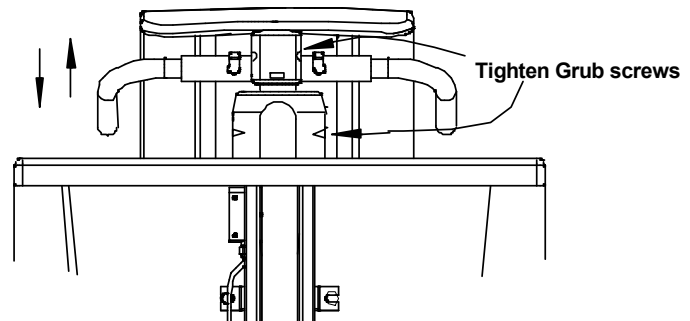
**FIX 1**

- 1) Tilt actuator inwards and position its piston & collar vertically through the rim aperture. Position actuator supporting bracket between the 2 positioning lugs on the lower strut & hook over tight onto strut. The actuator is now positioned & levelled.
- 2) Locate M10 bolt on the lower support strut into supporting bracket & tighten with the fingers only. Locate 2 M8 bolts on upper strut onto the 2 pierced brackets on the actuator columns and tighten with fingers.
- 3) Now firmly tighten progressively all 3 bolts in 2) above.
- 4) Place the Flange Dome Seal over the actuator piston & collar ensuring the Key on the piston locks on to the slot on the back of the Dome Seal. Apply a beading of silicon sealant around the aperture face & edge to form a water tight seal. Push down Dome Seal flat & firmly into position. Secure onto the column by firmly tightening grub screw on the Dome Seal.

**FIX 2**

- 5) Place the seat face down on the floor carefully. Position the Seat Support Frame on the back of the seat aligning with the 4 fixing screw holes. Locate the 4 x 35mm cap screws and their washers (plain and spring) into position and progressively tighten. **POSITION SEAT AT ITS LOWEST POINT.** Tighten screws until very firm to 28.7 ft-lb (56 Newtons). (Important: Each screw is fitted with the 35mm washer placed in position first followed by the 10mm spring washer).
- 6) Carefully lift the seat & position the seat frame cup in line & square to the actuator piston. Engage & lower home firmly ensuring the slot on the back of the Seat Frame Cup locks on to the Key on the piston. Secure by tightening the 2 grub screws on the seat cup.
- 7) With the Seat lowered to its lowest level check underside of seat at the back area just clears the bath well by 3mm to 4mm using a spacer. Adjust seat height if necessary but do not over raise as this may be uncomfortable for the user.

- **THE ACTUATOR COLUMN SYSTEM MUST BE PROTECTED FROM ANY BUILD UP OF DUST/FOREIGN MATERIALS WHEN INSTALLED AS THIS COULD IMPAIR ITS PERFORMANCE.**
- **HANDLE WITH CARE.**



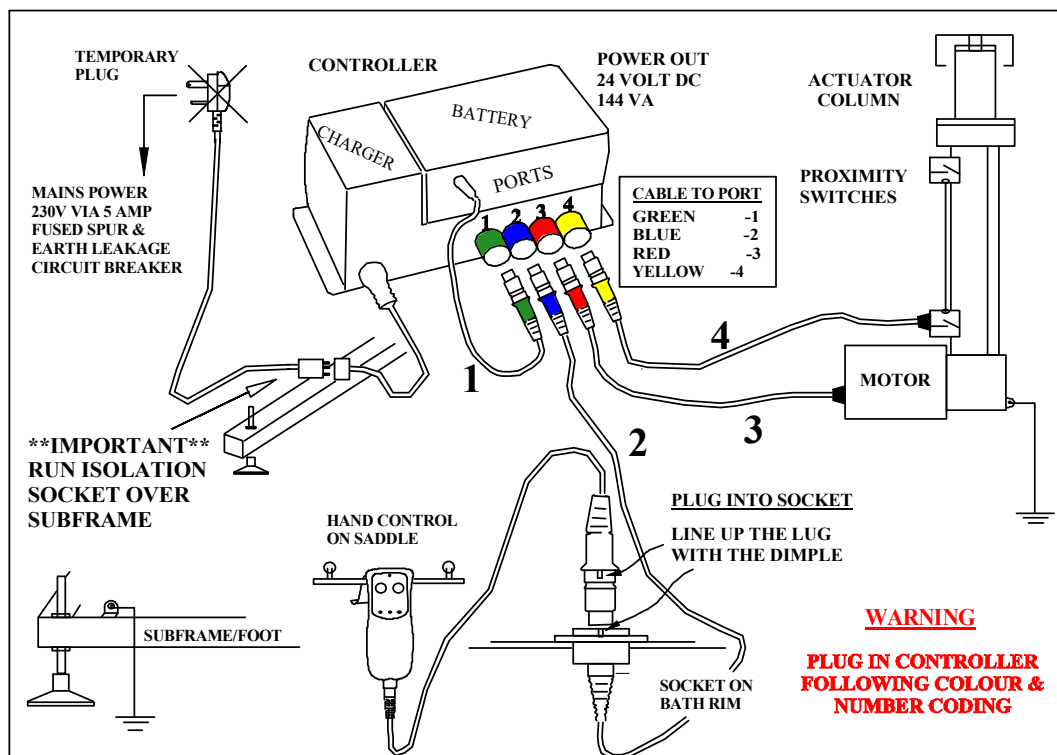
## ACTUATOR LIFT COMMISIONING

The actuator lift is powered & controlled by a sealed non-serviceable Controller Unit & a 24 V DC chargeable battery unit attached to it. Mains 230 volts supply is wired in permanently to an integral trickle charge electronic transformer to maintain the battery on full charge.

- The 24 V battery unit requires a minimum of 8 hours to fully charge from a flat state. Do not attempt to operate the seat until the battery has been on charge for at least one hour.
- In the event of a power supply cut the battery has the capacity to provide up to 20 lift cycles before it becomes depleted.
- LED lights on the handset light up to show battery status:  
GREEN=OK, ORANGE=LOW, RED=FLAT (See User Guide)

1. Place the Controller right way up alongside the Actuator under the bath. Do not obscure or cover.
2. Plug in Mains Lead Isolating socket into the adjoining 3-pin plug. Ensure isolating socket is raised over bath subframe to protect it against any water spillage.
3. The Controller unit has 4 colour & number coded connection ports:  
Green Port 1 -plug in Cable 1 (battery connection -Green)  
Blue Port 2 -plug in Cable 2 (hand control socket on rim of bath -Blue)  
Red Port 3 -plug in Cable 3 (actuator motor - Red)  
Yellow Port 4 -plug in Cable 4 (actuator proximity switches -Yellow)
4. Plug in Hand Control into socket on the bath rim carefully aligning lug on the plug to dimple on the socket before pushing in firmly. Hook Hand Control onto to its Saddle fitted on the bath front panel.
5. Two earth tags are positioned on the lower body of the actuator column & by the front foot of the sub-frame. Earth at both ends of bath to plumbing.
6. Remove mains plug & feed lead cable to mains supply via a 5 amp fused spur with an earth leakage circuit breaker. If an RCD is fitted, install a unit with an illuminated test feature& with Passive Operation (resumes automatically in event of a power cut). Label RCD for future identification & advise customer on its position & operation.

**IMPORTANT**  
**ENSURE PLUGS**  
**ARE IN FIRMLY**



- The electrical installation must be performed by a qualified electrician & in accordance with current IEE regulations (17<sup>th</sup> edition or later).
- The seat lift can be tested before the electrician wires the controller to the mains supply when its battery is charged up first. Plug in cable 1 (Green) to Port 1 (Green) to connect battery & then plug in the ‘temporary’ mains plug to a mains socket