

# SERVICEKIT

Salamander GENUINE parts

SKELECT07 ELECT & MECH



CTFORCEU CTXtraU CTBATHROOMU

Salamander Pumps

Making  
water  
perform



Instructions **VIDEOLINK:**



## Salamander Pumps Shower Systems Limited

Unit 2c Colima Avenue, Enterprise Park West,  
Sunderland, SR5 3XE

**Telephone:** 0191 516 2002

**Facsimile:** 0191 548 4445

**Email:** sales@salamanderpumps.co.uk

[www.salamanderpumps.co.uk](http://www.salamanderpumps.co.uk)



### PLEASE NOTE:

By using the parts included in this pack to repair your pump, you will be invalidating any warranty you have on the pump.

### Returns:

If you need to return this pack for any reason please ensure the original packaging and these instructions leaflets are returned also. If you have any questions or queries regarding this spares pack or any other pump related questions please contact us.

### UK:

Salamander Pumped Shower Systems Limited  
Unit 2c, Colima Avenue Enterprise Park West  
Sunderland SR5 3XE

Tel: 0191 516 2002

Email: tech@salamanderpumps.co.uk

### Eire:

MTA agencies Ireland Fearn House,  
Unit 4 Jamestown Business Park  
Jamestown Road Finglas,  
Dublin 11

Tel: 353 (0)1 864 3363

Email: service@mtagencies.ie

## INTRODUCTION

CT HUXTRA/CT FORCEU/BathroomU

(All Universal Variants)

### Tools required :

- PZ2 Screwdriver
- 7mm Deep Socket
- Long nose Pliers
- Snips
- 7 mm OE Spanner
- M6 Allen bit/Wrench
- 2mm Flat Screwdriver

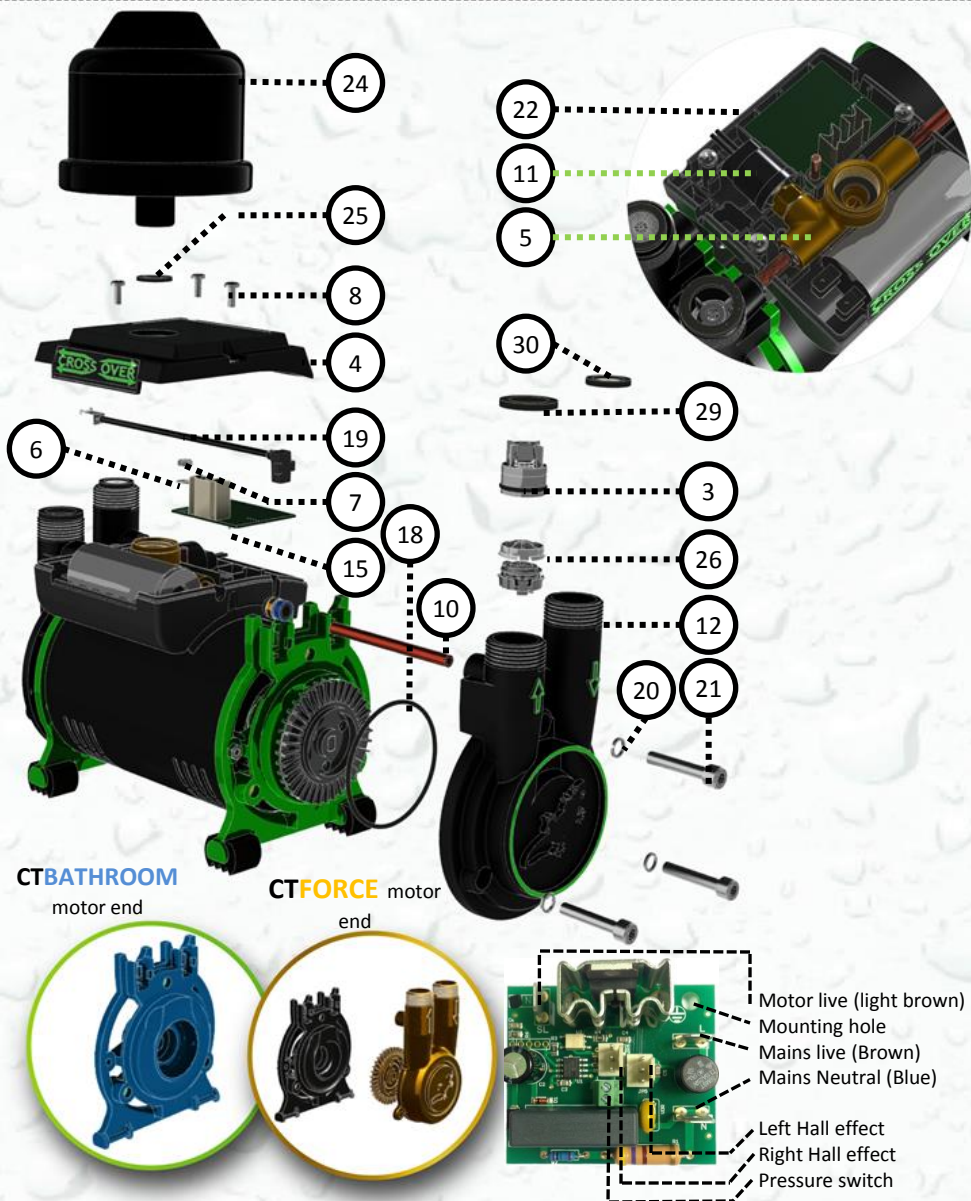
### Parts in Service kit:

- Float- PFLOAT(26) x 2
- NRV - CNRVPL01 (3) x 2
- Hall effect sensor HE - EHALLE05 (19) x 2
- Cable Tie- FCABLE01(22) x 2
- Interface -EPCBUN05 (5) x 1
- Vessel Washer - F washe06 - (25) x 1
- JB Lid Screw- FScrew11 - (8) x 3
- M6 x 20 SS Cap Screw -FBOLTM13- (21)x6
- M6 Spring Washer- FWASHE03 -(20) x 6
- O Ring 59.6mm x 2.4mm- SORING 17- (18) x 2 (Blue) EPDM
- Filter washers (30) x 2
- Rubber Flat washers (29) x 2

**WARNING! ENSURE PUMP IS ISOLATED FROM ELECTRICITY AND WATER SUPPLY. IF IN DOUBT CONSULT A COMPETENT TRADESMAN.**

**Pump should be serviced in horizontal position with couples disconnected and water and electricity supply isolated.**

**DO NOT RUN PUMP DRY. ALLOW WATER TO FILL PUMP TO LUBRICATE SEALS BEFORE STARTING. CHECK FOR LEAKS DURING TEST BEFORE BEING SATISFIED PUMP IS OK**



1. Remove Non Return Valve (NRV) (3 ) noticing its orientation using long nosed pliers and discard.
2. Remove float (26) noticing its orientation. Discard.
3. Remove pressure vessel(24) and vessel washer (25)
4. Remove Junction box (JB) box lid screws (8) using P22 driver and discard.
5. Repeat above steps for opposite pump side.
6. Remove JB lid (4) and retain.
7. Disconnect Hall Effect sensor (19) "HE" lead from PCB(15)
8. Snip cable tie that secures HE lead loom.
9. Remove 3 off M6 Cap Screws (21) and spring washers(20) and discard.
10. Using a 7mm OE Spanner push in Carstick 6mm bi pass tube (10) retaining ring and remove Pinlet (12) leaving bi pass connected to the manifold (5)
11. Remove HE (19) from its housing (23) noting position
12. Remove and discard black O ring (18).
13. Fit new BLUE BOR (18) ensuring it's not rolled and is flush. Engage Pinlet carstik (12) onto bi pass tube and press into place ensuring level, O ring is sealed and HE sensor is secure in its housing.
14. Fit 3 off new spring washer (20) and M6 cap screw (21) and secure in clockwise stages to 2.3Nm max. M6 allen wrench.
15. Repeat for opposite pump side if required.
16. Disconnect mains, motor and pressure switch cables noting their orientation.
17. Remove M4 Nut(7) and M4 washer(6) using 7mm deep socket. Remove earth cable from earth stud.
18. Remove interface PCB (15)
19. Reconnect Pressure switch cables( PX Switch has no polarity ) as per diagram. Ensure cables are routed via Junction box base .
20. Fit new PCB interface.
21. Reconnect Earth cable.
22. Secure with M4 Nut / washer to 1.95Nm +/- 0.15
23. Repeat for other side if required.
24. Reconnect both HE sensors , mains ,motors cables as per diagram. Ensure cables are routed via junction box base cable slots and secured with cable ties (22)
25. Insert Float (26) into inner until it stops, in the same orientation as removed ,ensuring the magnet faces the HE sensor
26. Insert NRV to stop position.
27. Repeat above steps for opposite pump side.
28. Refit Junction box lid checking no cables are trapped.
29. Resecure JB lid screws to hand tight.
30. Refit Pressure vessel and new vessel washer.
31. Reconnect couplers ensuring filter (30) and rubber washers (29) are seated correctly.