

# SERVICEKIT

Salamander GENUINE parts

SKELECT05 ELECT



FORCE NEGATIVE PUMPS

Salamander Pumps 

Making  
water  
perform



Instructions **VIDEOLINK:**



## Salamander Pumps Shower Systems Limited

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### 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.

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**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**

## INTRODUCTION

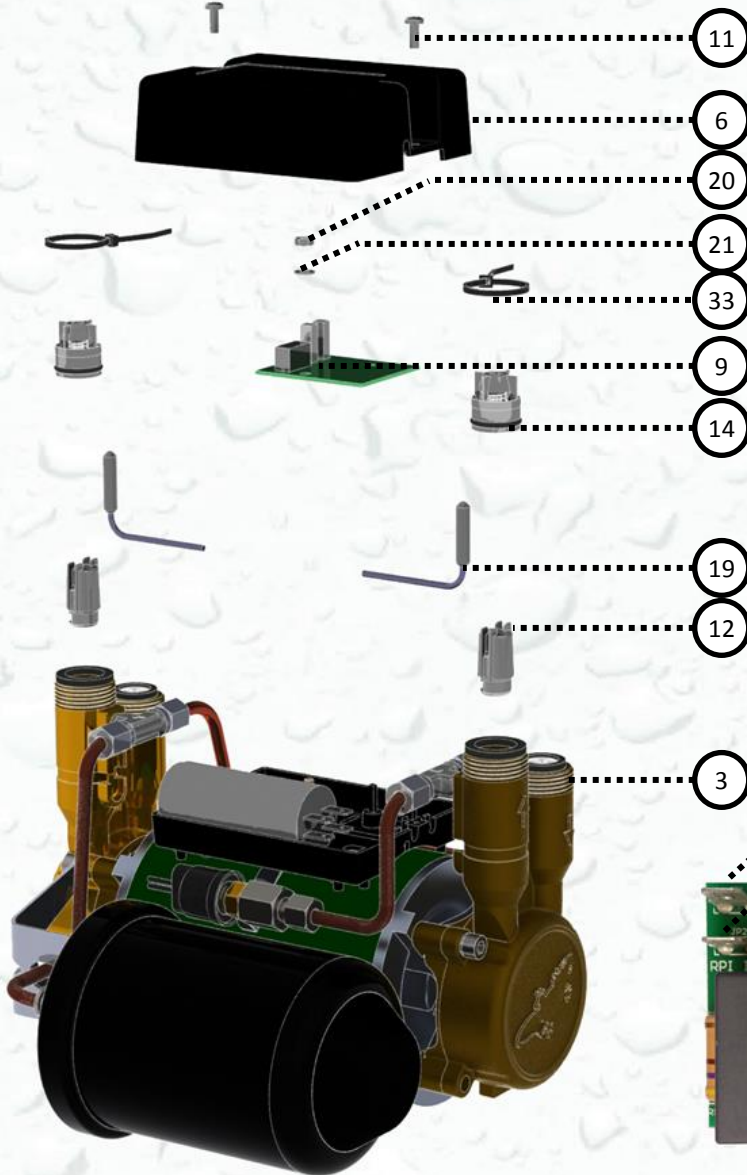
All positive head FORCE PUMPS

### Tools required :

- PZ2 Screwdriver
- 7mm Deep Socket
- Long nose Pliers
- Snips

### Parts in Service kit:

- Float- PFLOAT02(12) x 2
- NRV- CNRVPL01 (14) x 2
- Hall Effect sensor - EHALLE01 (19) x 2
- Cable Tie- FCABLE01(33) x 2
- Interface -EPCBUN02 (9) x 1
- Screw No:6 x 1/2" (11) X 2



1. Remove NRV(14) from OUTER(3) using long nosed pliers and discard.
2. Remove float(12) noticing its orientation.
3. Repeat above steps for opposite pump side if required.
3. Remove Junction Box (JB) lid screws (11) using P22 screwdriver and retain
4. Remove JB lid (6) and retain.
5. Disconnect HE sensor leads and pressure switch connector.
6. Snip cable tie that secures HE sensor to outer (3) note its orientation and remove. Discard both.
7. Repeat above steps for opposite pump side if required.
8. Disconnect mains, motor cables noting their orientation.
9. Remove M4 nut(20) and M4 washer(21) using 7mm deep socket.
10. Remove interface PCB (9)
11. Fit new PCB interface
12. Secure with M4 nut and washer to 1.95Nm +/- 0.15
13. Insert new HE sensor (19) into outer housing and secure with cable tie. Snip excess cable tie off.
14. Insert float (12) into outer in the same orientation as removed ensuring it engages with float guides and moves freely.
15. Insert new NRV to stop position.
16. Repeat above steps for opposite pump side.
17. Reconnect both HE sensors, Pressure switch and mains, motors cables as per diagram. Ensure cables are routed via junction box base cable slots.
18. Refit junction box lid checking no cables are trapped.
19. Re-secure JB lid screws to hand tight.
20. Reconnect couplers ensuring filter and rubber washers are seated correctly. Service is now complete and ready for test.

