

TB-MP008

## TECHNICAL BULLETIN

**MAINTENANCE ISSUE**

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**For the Attention of :** Branch Managers, Phil Beresford, Kieron McCormick, Darren Cooper, Mike Wells, Graham Mears, Peter Amura, Testers, Paul Ayers, Margaret Pitman, Neil Horner, Christine Harris

**Date:** 16 September  
2014

**Product :** MP, Spain

**Subject :** Main Isolator Switch – (upgrade)

**Pages :**

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**Originator :** Angelos Strantzalis, Senior Product Engineer, Stannah Lifts Ltd,

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### **Background**

The MP lift comes with a mains cut out switch, known as 'FF'. It has a separate cut out switch for the UPS, known as 'QF'.

MP offered to add an additional contact, so that the mains and UPS would be isolated with just a single switch. In addition to this, MP offered to add a 'notice' advising 'FF' is an isolation switch. SLL thought these changes to be acceptable.

However, SLSSL wanted a 'red rotary switch' which has the same functionality, but is more expensive.

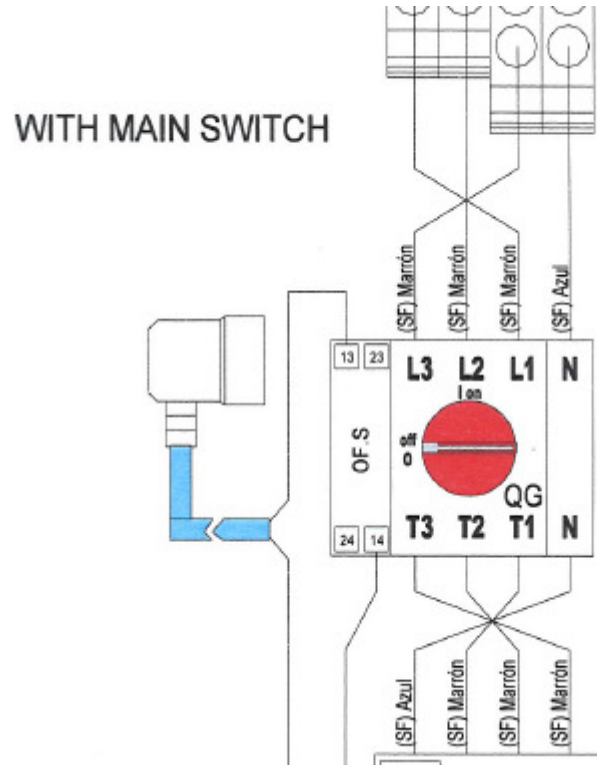
This improvement will need to be carried out against all SLL installed MP products. Any MP products taken on by the Branch through Pickering or Classic will have the existing 'FF' and 'QF' switches. Any decision to upgrade the stop switch will need to be made by the branch. Kits can be ordered through SLL.

From May 2014 MP agreed to provide the new red rotary stop switch on all new production lifts.

### **Actions:**

- SLL will provide SLSSL with the kits
- SLSSL will need to fit this kit to all Stannah installed MP lifts that have been handed over. SLL will provide a list of jobs.
- SLL will add the new kit to lifts already in the field, yet to be handed over
- SLL will add or include the kit with lifts in storage

The pages following set out the new switch, wiring diagrams along with pictures of the assembly kit.



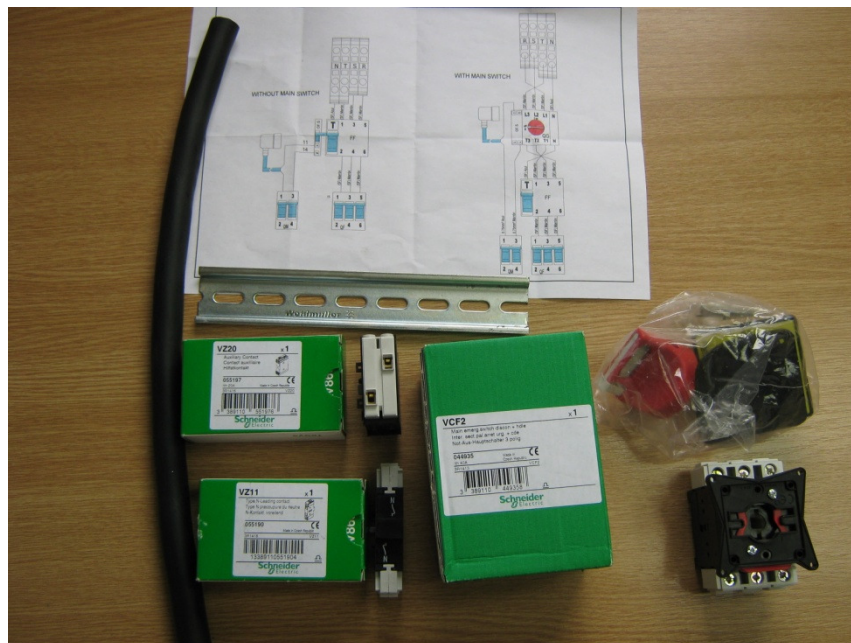
## Test Results

The isolator and the additional contacts were tested and found that we need a larger rail in order to fit the additional parts (switch and contacts), all in line with the main supply contacts (see photo) and additional wiring.



## Retrofit Kit

Considering the above, the retrofit kit apart from the parts sent by MP (main rotary switch – VCF2 and additional contacts – VZ11&VZ20) has two more components, a rail of 200mm and a 5 core 6mm cable (L = 400mm) for additional wiring and the wiring diagram as per following photos



**Main Isolator Switch Retrofit Kit**

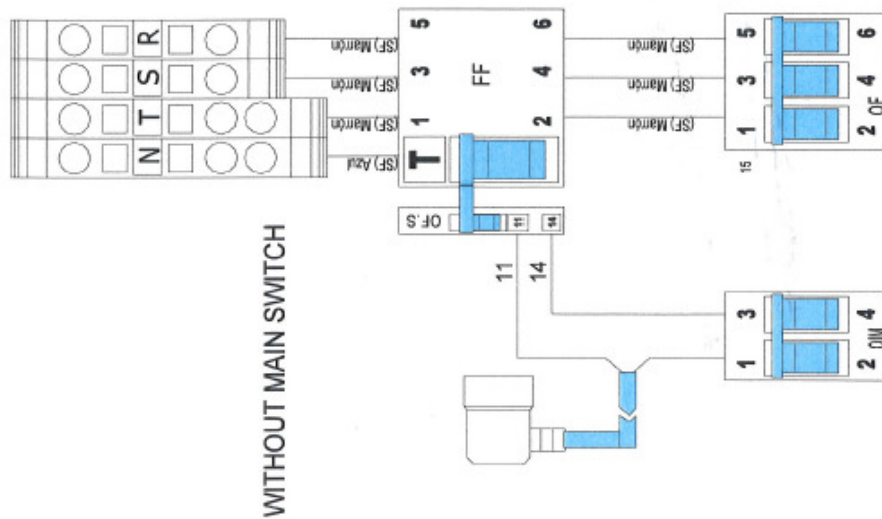
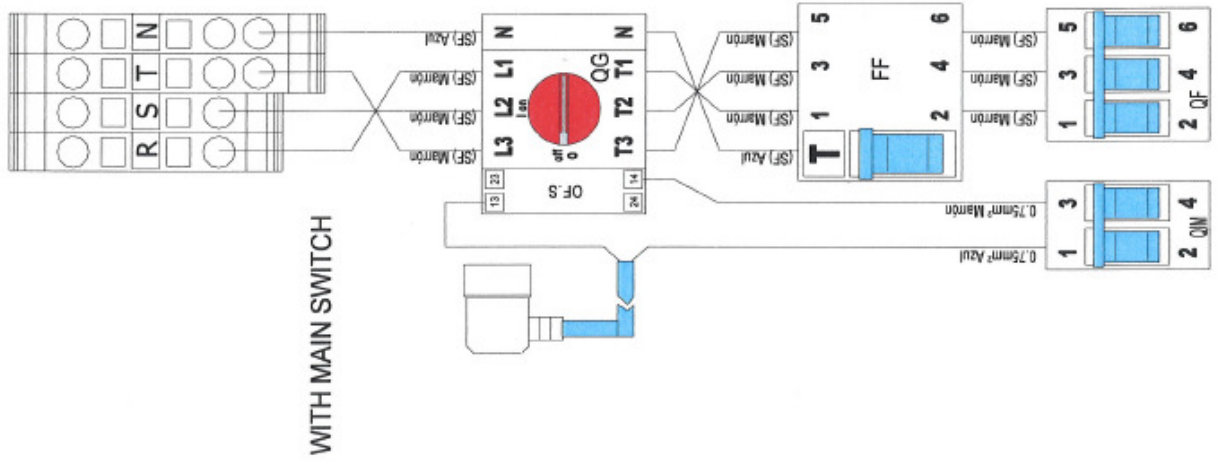


**Main Isolator Switch Retrofit Kit**



**Main Isolator Switch Retrofit Kit**

## Wiring Diagram



## Summary

After each lift is fitted with the new isolation switch confirmation must be sent to me at SLL so I can update the register listing all the jobs.

Separate lists will be sent to SLSL and SLL showing the jobs on the system that need the new kit.

We request that this work be carried out during a planned maintenance visit, a call out and for the SLL testers during test. SLL and SLSL will bear its own costs for this activity.

If you have any questions please call me on 01264 343646

### List of jobs handed over by Service Branch

Handover_FinMonth	HandoverDate	ServiceBranch	Jobno	Tester
7	25/07/2014	Warrington	340091	PB
1	24/01/2014	Warrington	330092	PB
1	15/01/2014	Warrington	330085	PC
6	03/06/2014	Norwich	330138	PB
6	03/06/2014	Norwich	330139	PC
5	07/05/2014	Norwich	330140	TK
5	30/04/2014	Norwich	330160	TK
5	30/04/2014	Norwich	330161	TK
4	08/04/2014	Norwich	330137	TK
1	24/01/2014	Norwich	330136	TK
9	02/09/2014	Mansfield	330231	PB
5	13/05/2014	Glasgow	330199	Glasgow SB
9	02/09/2014	Dartford	330042	PC
8	04/08/2014	Dartford	320267	MS
8	13/08/2014	Dartford	330095	PC
8	18/08/2014	Dartford	320268	TK
8	15/08/2014	Dartford	320269	TK
8	08/08/2014	Dartford	330014	TK
8	13/08/2014	Dartford	330096	TK
8	13/08/2014	Dartford	330097	TK
8	11/08/2014	Dartford	330164	TK
8	11/08/2014	Dartford	330165	TK
8	22/08/2014	Dartford	340027	TK
7	10/07/2014	Dartford	320266	MS
6	27/06/2014	Dartford	320252	MS
6	24/06/2014	Dartford	330125	MS
6	04/06/2014	Dartford	320265	TK
6	19/06/2014	Dartford	330015	TK
5	09/05/2014	Dartford	330219	NB
5	12/05/2014	Dartford	330146	TK
4	08/04/2014	Dartford	330098	PB
4	17/04/2014	Dartford	330221	PC



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# Stannah

3	05/03/2014	Dartford	330194	PB
3	17/03/2014	Dartford	330223	PC
3	20/03/2014	Dartford	330224	PC
3	26/02/2014	Dartford	320205	TK
3	27/03/2014	Dartford	330213	TK
2	05/02/2014	Dartford	330117	PC
6	28/05/2014	Christchurch	330043	PC
6	28/05/2014	Christchurch	330044	PC
2	27/01/2014	Christchurch	330210	PC
1	10/01/2014	Christchurch	330141	TK
6	06/06/2014	Bristol	330277	MD
4	15/04/2014	Brackley	330163	PC
3	26/02/2014	Brackley	330041	PC
6	13/06/2014	Birmingham	320249	PB