



Safety Bulletin – Guidance Note

NEXUS Controller – Car Top Test Control Operation

Copied to: Avril Sparkes, David Lewis, Duncan LeFeuvre, Jon Stannah, Pete Perry, Phil Beresford, John McSweeney – trade customers (all issued by e-mail).

It has been decided to issue a guidance note on the operation of early production NEXUS controllers fitted with versions of software up to and including Version 1.36.

With versions of 1.36 and below, the controller will continue to store any calls placed on the system via the landing or car push button station. This means that when the car top control station is switched back to normal control the lift will respond to any calls stored in the system as with any fully operational lift.

Good practice – safe working on lifts is that at no time should a person be on top of the car when the lift is switched to normal control, however, it was felt that should a person switch the car to normal by mistake then the probability of the lift moving to answer a call would be reduced and hence the lift could be considered a safer system. It is therefore considered that a guidance note would be produced and the software version 1.37 or above made available to service personnel. NEXUS software fitted with software versions 1.37 and above do not allow calls to be stored on the system whilst it is in car top test control mode.

Our advice is that it would be good practice to change the software version on the next service visit.

- Contracts recorded as having software of 1.36 or below are listed as attached.
- Software chips are available on request. Contact Nigel Phillips on 01264 339090.
- All software changes must be recorded and Stannah Lifts notified (Nigel Phillips) by e-mail, fax or post.
- The procedure for changing the program memory is contained within the NEXUS Reference Manual (Appendix O) a copy of which is attached.

Note:

If under exceptional circumstances the lift has to be moved on normal control with a person as the car top, permission must be sought by a director and strict documented Safe System of Work would have to be operated.

APPENDIX O: INSTRUCTIONS FOR CHANGING PROGRAM MEMORY

Safety first:

1. Ensure Lift programmable parameters and door options have been recorded and are up to date.
2. Set Lift to a safe condition and isolate control panel from all power feeds.

Changing program memory:

1. Open the Nexus Lift Controller front panel by releasing the retaining screw, located near the power supply inputs.
2. The program memory chip is located beneath the display module, release the display module by undoing the two M3 nuts either side of the display module. The display module can be supported by its cable but it must not be unduly stretched or twisted.
3. The program memory chip is mounted in a socket and is labelled 'NEXUS VER 1.3x', the version number may have changed. Note the orientation of the chip. The orientation of the chip is denoted by a NOTCH at one end.
4. Remove the chip by carefully 'prizing' it out of the socket. Care must be taken not to damage any adjacent component or the circuit board. Once the chip has been removed it should be kept in a safe place until the lift has been tested. It should then be discarded.
5. Fit the replacement chip in the correct orientation ensuring that the legs do not bend.
6. Inspect the chip for bent legs.
7. Refit the display module and secure with the two M3 nuts. Washers are not fitted to the display module.
8. Close the Nexus Lift Controller unit front panel.
9. Apply power to the unit and check the programmable parameters, if these have changed reprogram unit to original values. See section 6 for information on how to program the unit.
10. Updating of the Lift software is now complete.

END OF INSTRUCTIONS.

NEXUS Software Investigation

This document contains all contracts that were constructed before software version 1.37 was implemented. The version of software that was in place when the contract was constructed along with all those that have been subsequently updated have been identified.

NOTE: This list does **not**

* = Contracts that were in electrical when the software was updated to version 1.37.

This means that there is no record of the '*Software Version at Construction*'.

CONTRACT NUMBER	SOFTWARE VERSION AT CONSTRUCTION	CONTRACTS UPDATED TO VERSION 1.37
80352	1.3	
80353	1.33	
80354	1.34	
80355	1.33	
80437	1.3	
80438	1.3	
90039	1.3	
90077	1.33	
90093	1.3	
90186	1.33	
90230	1.33	
90244	1.32	
90279	1.33	
90282	1.32	
90284	1.33	
90285	1.33	
90286	1.33	
90314	1.33	
90321	1.34	
90343	1.33	
90346	1.33	
90348	1.33	
90350	1.32	
90351	1.32	
90354	1.32	
90365	1.34	
90367	1.32	
90368	1.32	
90369	1.32	
90372	1.33	
90376	1.32	
90381	1.32	
90388	1.34	
90396	1.33	
90406	1.34	
90408	1.33	
90411	1.32	
90418	1.33	
90422	1.33	
90441	1.32	
90452	1.33	
200003	1.33	

CONTRACT NUMBER	DISPATCHED SOFTWARE VERSION	CONTRACTS UPDATED TO VERSION 1.37
90095	1.34	
90166	1.34	
90241	1.34	
90259	1.34	
90347	1.36	
90391	1.34	
90407	1.33	
90414	1.34	
90419	1.33	
90465	1.34	
90472	1.34	
90487	1.34	
90491	1.34	
90495	1.34	
90496	1.34	
90509	1.33	
90510	1.34	
90512	1.35	
200002	1.34	
200009	1.34	
200011	1.34	
200014	1.34	
200015	1.34	
200017	1.34	
200028	1.33	
200029	1.34	
200037	1.34	
200038	1.34	
200039	1.34	
200052	1.34	
200053	1.33	
200054	1.34	
200055	1.34	
200056	1.36	
200057	1.34	
200058	1.34	
200059	1.33	
200060	1.34	
200066	1.34	
200072	1.33	
200085	1.34	
200087	1.34	

CONTRACT NUMBER	DISPATCHED SOFTWARE VERSION	CONTRACTS UPDATED TO VERSION 1.37
90116	1.34	
90399	1.33	
90400	1.36	
90426	1.34	
90433	1.34	
90508	1.32	
200010	1.34	
200068	1.34	
200069	1.34	
200070	1.33	
200086	1.34	
200095	1.34	
200097	1.34	
200104	1.34	
200106	1.32	
200112	1.34	
200115	1.33	
200122	1.33	

Total number of contracts 102

