

## **Stannah Lifts Technical Bulletin**

**Issue No: E13**

**Date: 29/08/02**

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### **LIFT TYPE**

All new system 21 installations.

### **DESCRIPTION**

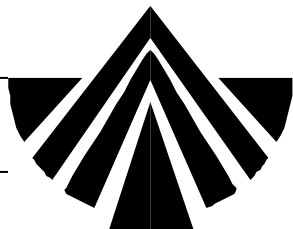
Introduction of a revised method of lift position sensing.

### **SUMMARY**

From 2<sup>nd</sup> September, all lifts manufactured will have a new arrangement for lift positioning within the shaft. The accompanying document outlines the changes but to summarize ;

- Wall mounted limit ramp assemblies mounted to the walls of the shaft are no longer fitted.
- Car limit switch box is no longer fitted
- Ultimate Limit and Up test limit switches are mounted on the car top but activated from ramps fitted to the guides.
- The up ultimate limit switch is now a manual reset switch.
- Nexus installations will now have 5 OPS units fitted as standard.
- Nexi (2 floor) installations will have 4 OPS units fitted as standard.
- RSU and RSD signals are now generated with the use of additional vanes and OPS units.

*Please note : Nexi will be covered shortly by technical bulletin E14.*

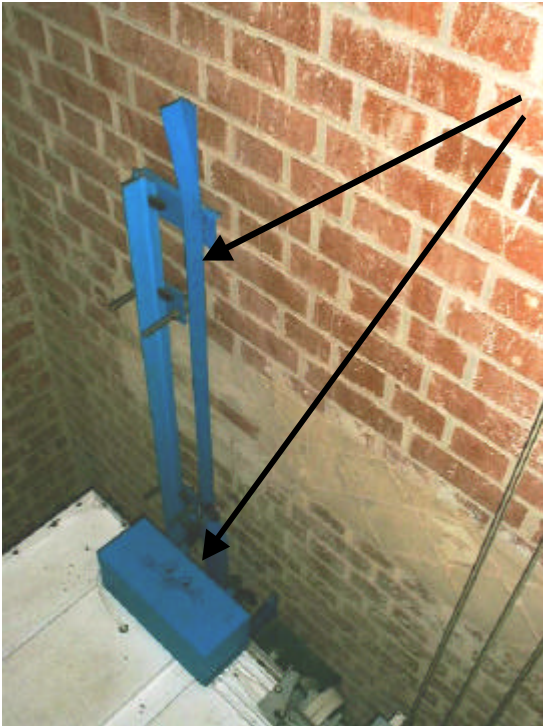


## New Shaft Switching Arrangement

### *What is it?*

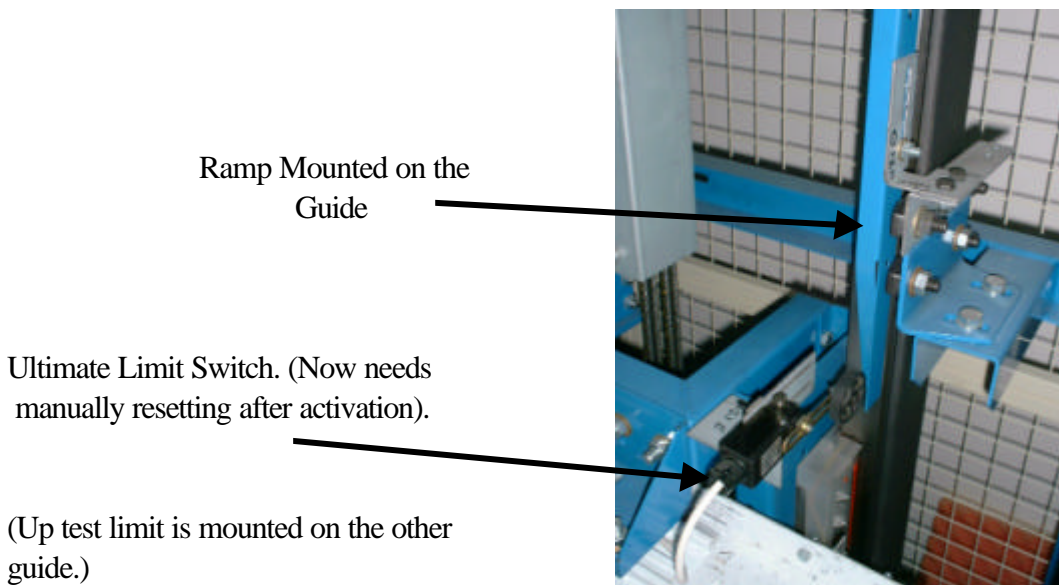
The new switching arrangement has been introduced to dramatically save time during installation on site with additional reduction in manufacturing time.

On all new jobs manufactured, chicane ramps will no longer be needed within the shaft. The limit box fitted to the top of the lift car is now also obsolete.



Wall mounted limit ramp assemblies and limit box no longer fitted.

The ultimate limit and up test limit switch still reside on top of the lift car but are both activated via mechanical ramps attached to each of the guides.



### ***How is floor position now achieved ?***

Floor position is still obtained via OPS (Optical Proximity Sensor) units. 5 for a standard Nexus installation and 4 for a Nexi (2 floor lift) installation. RSU and RSD are now operated by vanes through 2 OPS's.



Bank of 5 OPS units for a standard Nexus installation.

RSU, UPR, ACR, DPR & RSD

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