

**TB 152**

## TECHNICAL BULLETIN

### **INFORMATION ONLY**

**For the Attention of :** Service Engineers, Installers, Trade Customers, Training Dept

**Date :** 11/03/2015

**Product :** Midilift SL

**Subject :** New Midilift SL facelift from March 2015

**Pages :** 7

**Originator :** Stannah Lifts Ltd, Anton Mill, Andover, Hants SP10 2NX 01264 339090

### Detail

In March we are introducing a new look to our Midilift SL. The main product changes are an updated front cover and console, new landing faceplates and a new electrical controller.



There are also some further minor changes that will be seen on site;

- The trailer connection assembly PCB is now located behind the panel to the **right** of the front panel.
- The pit prop is now always located behind the left hand guide.
- The trailing cable chain is now always located behind the right hand guide.

The electrical changes incorporate a new microprocessor controller PCB for 2 floor applications. The new controller allows the product to be more configurable on site. The electrical changes are as follows;

- Installer can easily programme the lift (calibration mode) to match the site specific requirements.
- This calibration mode is accessed via special operation of the carriage cover controls with parameters and values being displayed on the carriage digital display unit.
- Serial communication has been incorporated within the new controller. This will enable the use of the Stannah digital display unit as well as serial control of the voice unit PCB.
- Site specific floor level annunciations can be programmed on site via the calibration mode.
- Fire alarm shutdown floor can be programmed to suit site requirement (i.e. shutdown to either upper / lower floor).
- The new 2 floor controller will monitor and record use of the lift. This data can be easily accessed via the configuration menu and will include details of...

Number of completed journeys.

Number of motor starts.

Number of anticreep return journeys.

Number of times maximum journeys (per hour) has been exceeded.

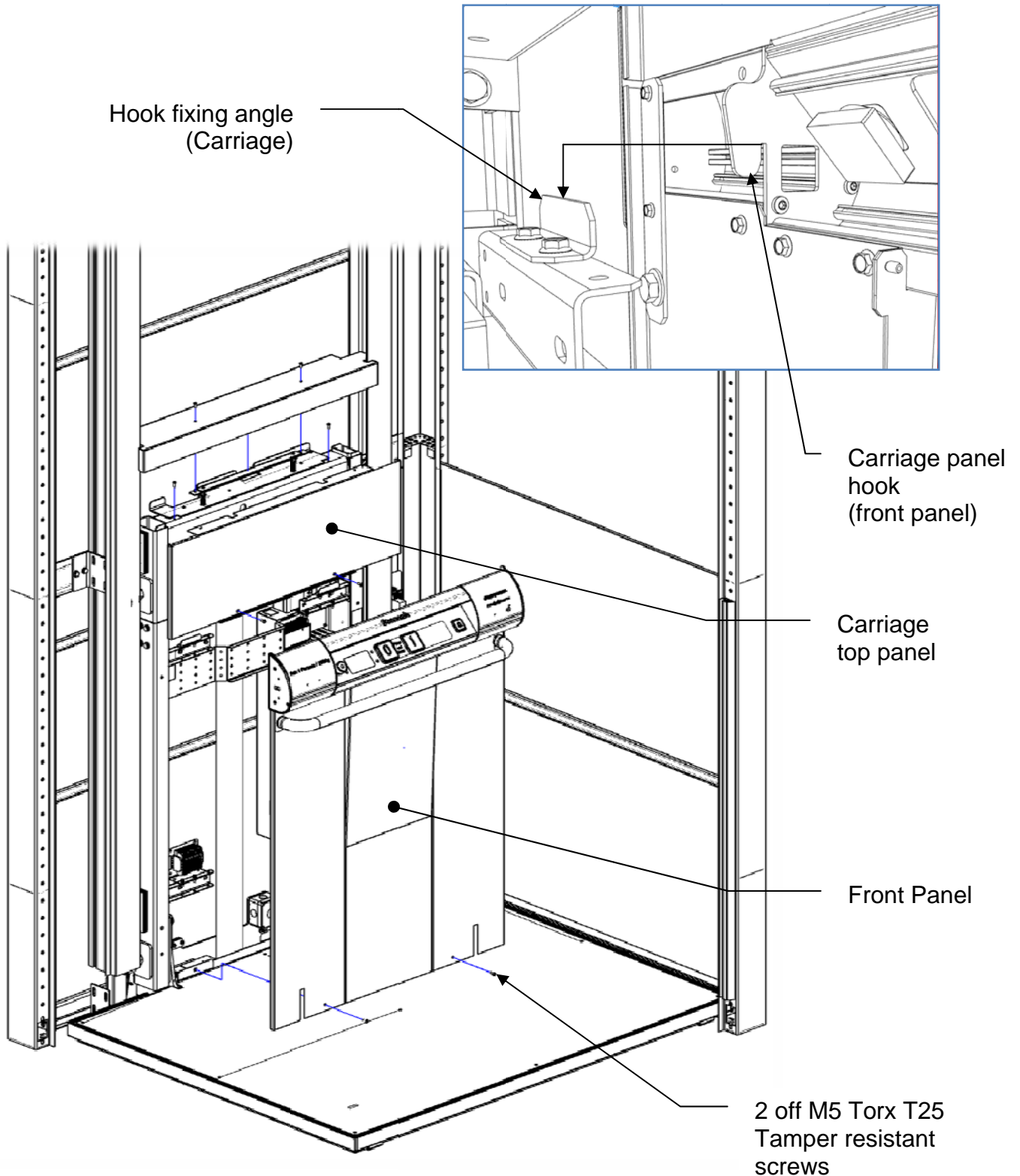
- The new 2 floor controller is able to self monitor for certain fault conditions. If detected, the relevant fault code is displayed on all digital display units.
- Floor level signalling remains unchanged from the previous 2 stop Midilift SL control system.

All operation details for the new controller are documented in the wiring manual left with the lift.

## Console Removal

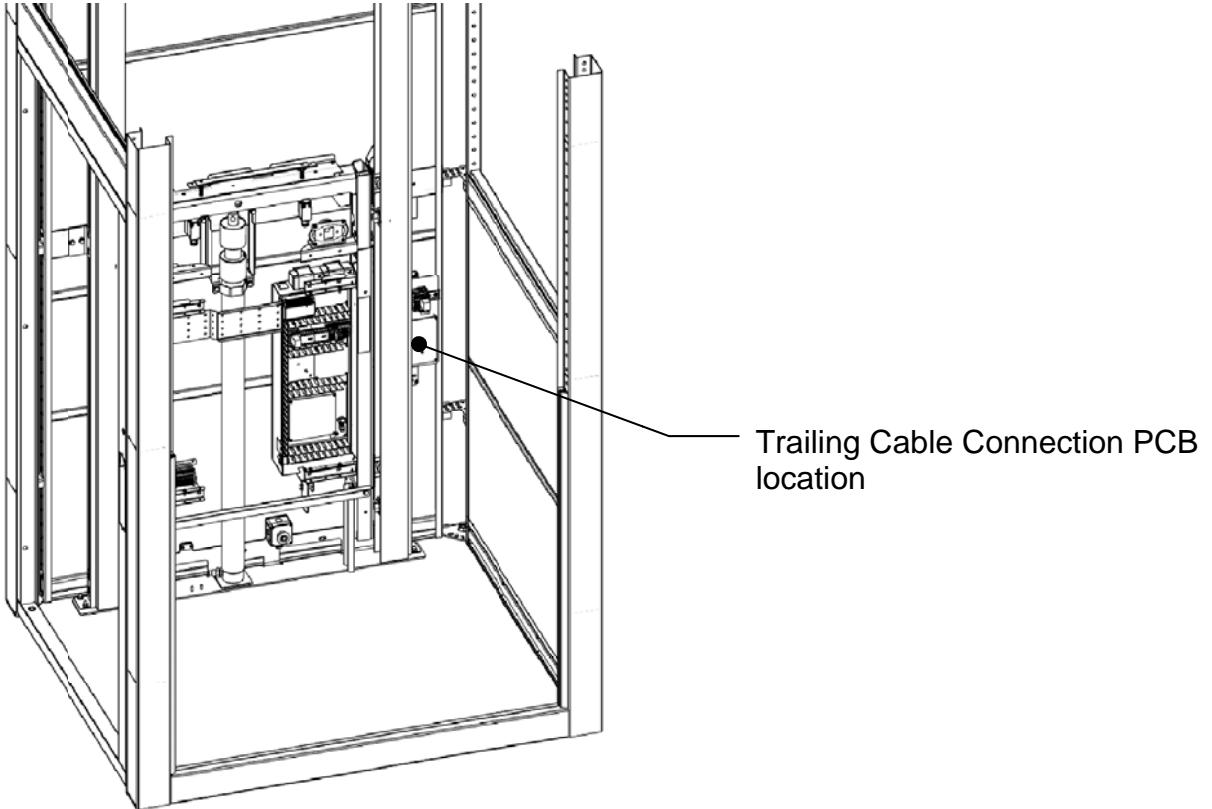
The new console is attached to the carriage via a hook system and two lower retaining screws.

To remove the panel, unscrew the two M5 screws. Using the handrail, lift the panel slightly and pull forward.



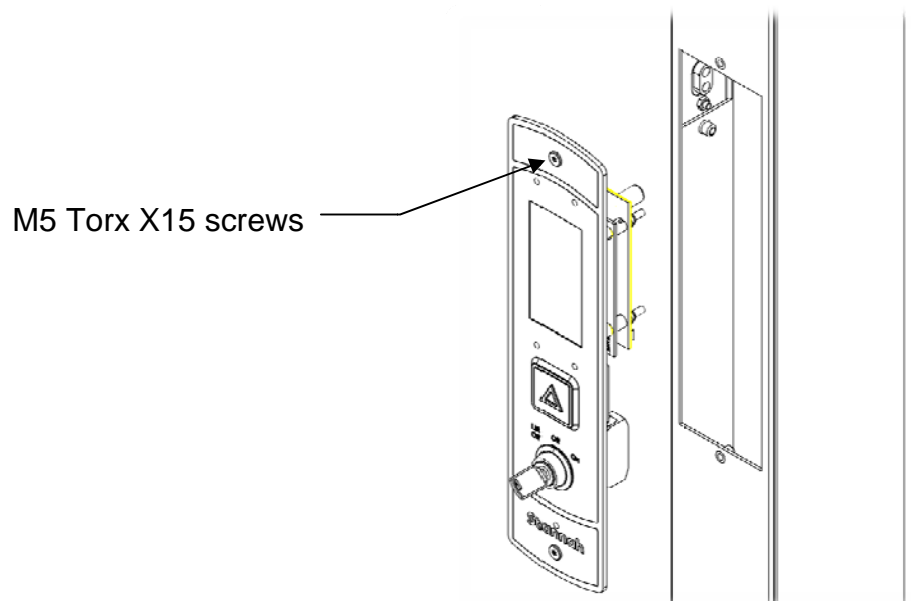
## Trailing cable connection PCB

The PCB is now always located on the right hand side, approx 1m up from the floor. All lifts with the old 'flat' control panel will have the PCB located on the left hand side.



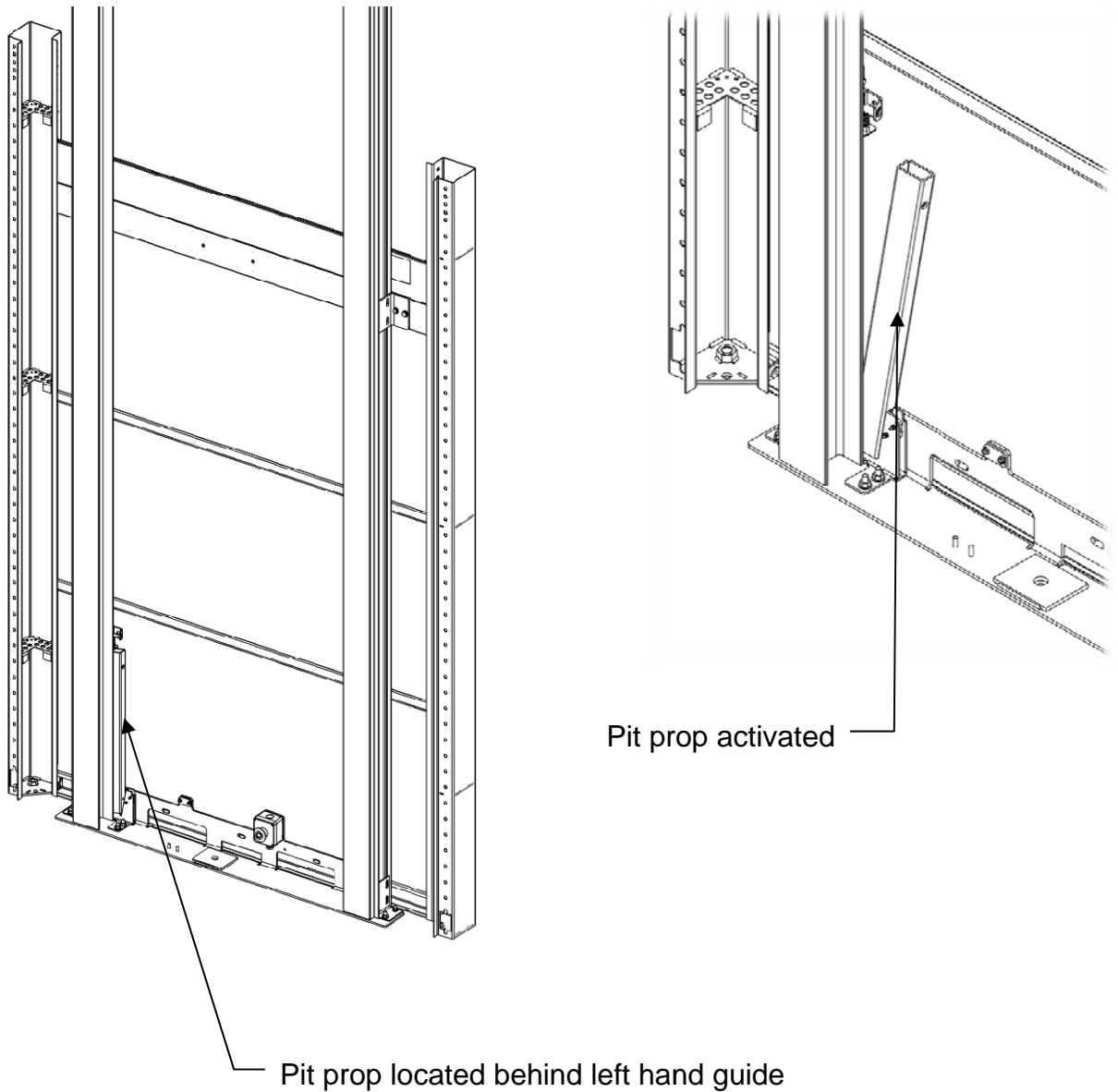
## Landing Call Stations

The new call stations are secured with M5 flat head Torx X15 screws as shown below:



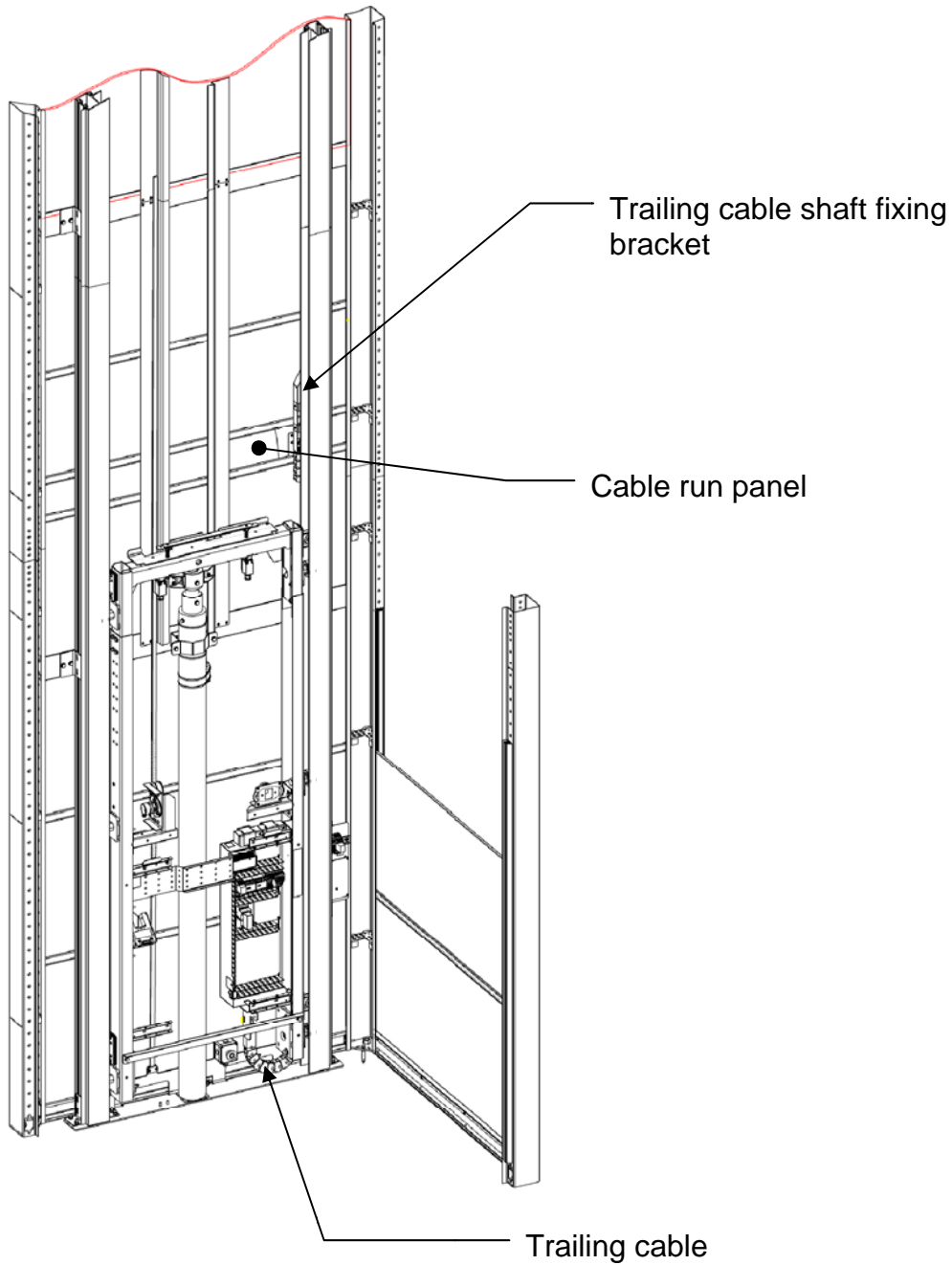
## Pit Prop

The pit prop is now located behind the left hand guide. An activation rod is provided for adjacent entry ('C' side, opposite guides) and if the door is mounted on the right hand side of the structure ('B' side).

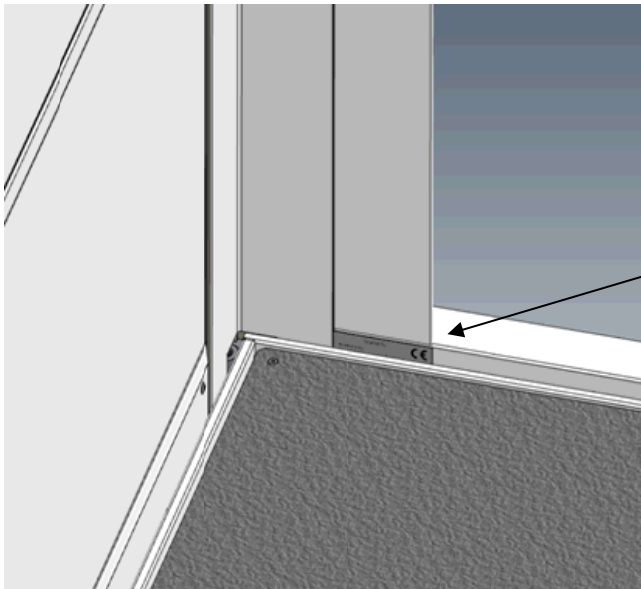


## Trailing Cable Chain

The trailing cable chain is now located up the right hand guide channel, with the cables routed behind the guide and down to the connection bracket PCB. This design is very similar to the existing 3 stage ram layout.



## CE marking label location



Note new location for the CE marking label. It is to be placed on the inside of the door frame at the lowest landing.

## Summary

All Midilift SL products manufactured after 16<sup>th</sup> March will have the changes highlighted in this document. The new product is easily recognisable by the new aluminium console with large square buttons. Electrical changes and programming procedures are clearly defined in the wiring manual that is left on site with the lift.

