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Stannah Lifts Technical Bulletin

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LIFT TYPE: Stairiser SX straight line platform stairlift

Subject

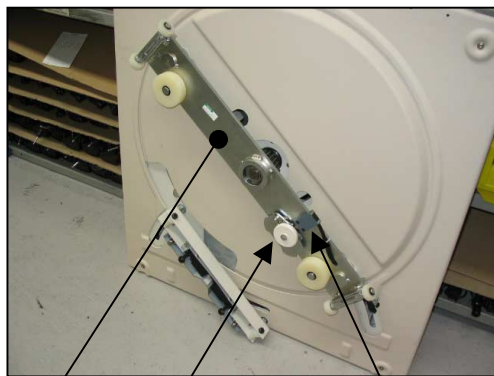
Re-design non handed rear skate and overspeed governor assembly, and re-design lower guide roller assembly

Introduction

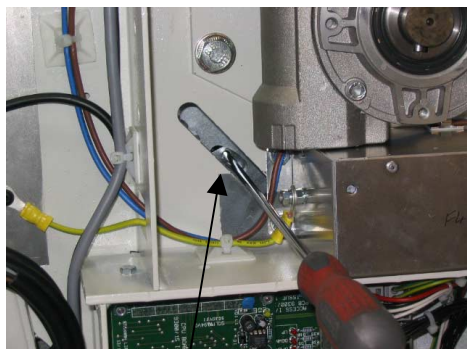
The rear skate and the lower guide roller assemblies have been re-designed to reduce assembly time and reduce the time to re-hand a carriage. The overspeed governor is now not handed for left and right hand assemblies. The two limit switches that were positioned on the end of the rear skate have now been incorporated onto the lower guide roller assembly with the floor zone switches. The only switch now positioned on the rear skate is the overspeed governor switch. This can be tested when the Stairiser is on the rail by using a long flat bladed screw driver positioned through the slot on the motor mounting plate into the slot on the rear skate and moved in the up or down direction.

The lower guide roller assembly now incorporates the ultimate limit switches as well as the floor zone switches. These will work in exactly the same way as previously where the floor zone switch will operate prior to the final limit switch. The lower tripping ramp on the bottom rail is now positioned slightly lower towards the floor and is positioned using the pre-drilled, tapped holes in the aluminium extrusion. The switches on the lower roller assembly will still be wired in the factory on assembly but changing the handing of the carriage on site will involve a very small amount of swapping wires over on the main controller pcb.

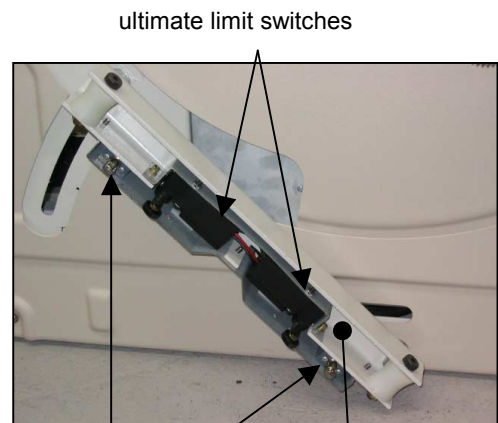
The design change becomes effective for units delivered from 04.04.05.



rear skate overspeed governor overspeed governor switch



testing of overspeed governor



ultimate limit switches
floor zone switches lower guide roller assy.

Note: See electrical wiring manual for wiring details.