

TB0049 Wabco Lift Axle Override Kit for SMARTlift Sidelifters

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Description:

This electrical kit is a retrofit to the SMARTlift system. Its purpose is to enable manual lowering of the lift axle when a manually operated pneumatic valve is not fitted.

Normally when SMARTlift is switched on the lift axle drops. But in the event of the tyres needing to be changed there is a risk that the lift axle could lift unexpectedly if the SMARTlift system was switched off.

A means must be provided for a technician to lower the lift axle in order to change the tyres and ensure that the risk of unexpected raising is minimized.

Models and Markets:

Typically any SMARTlift sidelifers fitted with a WABCO lift axle, most likely supplied into the Australian market. eg SB7763.

Parts:

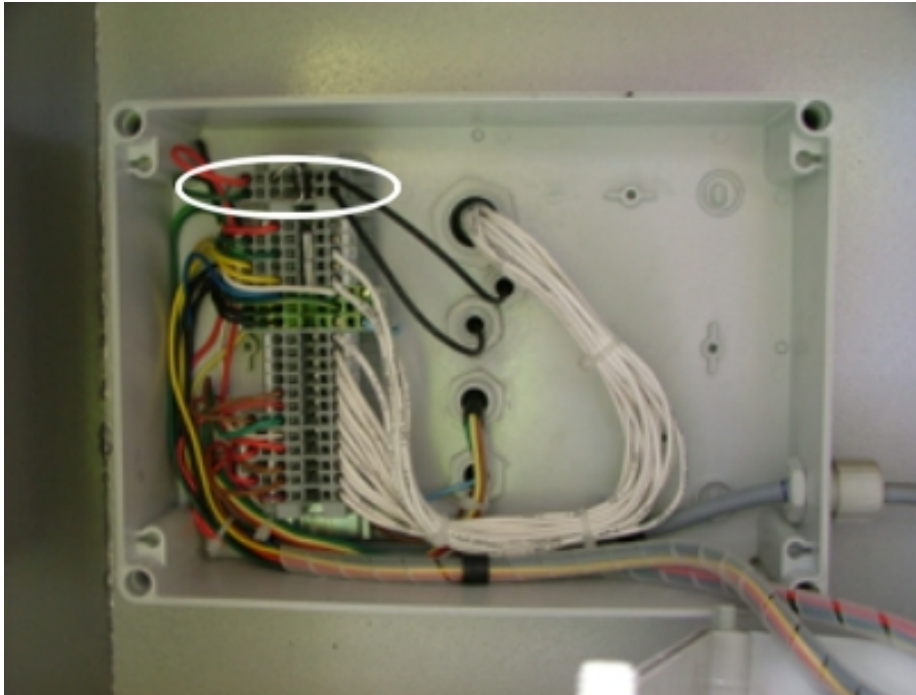
Parts for this kit are as follows;

QTY	PART	Description
1	EL-33382	Terminal Block 2 Conductor Through
1	EL-33389	Terminal Block 3 Conductor Through
2	EL-33390	Terminal Block 4 Conductor Through
2	EL-27419	Diode
1	EL-27649	Fuse Blade 5Amp
1	EL-31980	Terminal Block Fuse Blade
1	EL-31980	End Plate for Mini Auto Fuse
1	EL-33393	End Plate 943
1	EL-18135	Guard Switch Safety
1	EL-29393	Switch Toggle Pollak 33/302
2	EL-32386	Stop End For Din Rail 35
1	-	140mm DIN rail

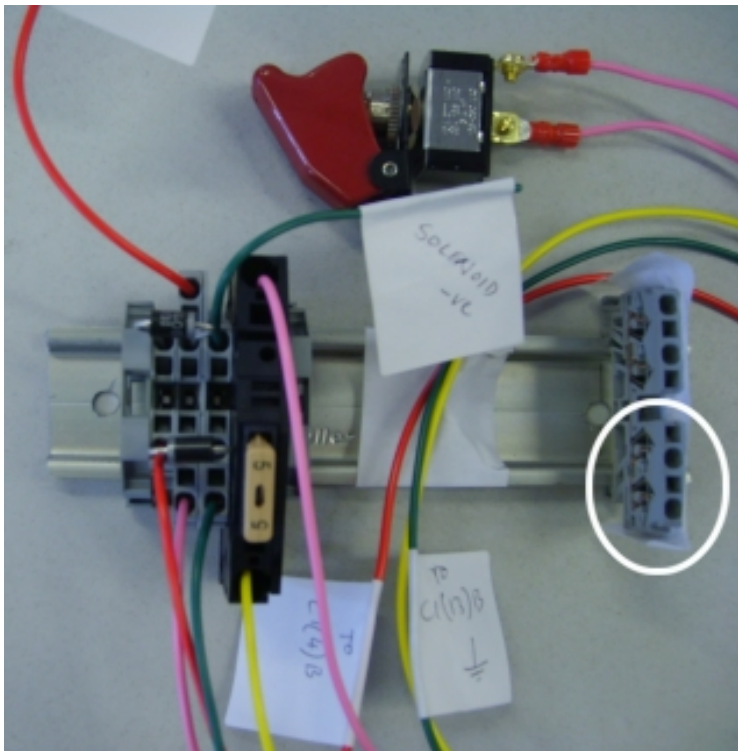
Backward Compatibility:

This kit is retrofittable to any SMARTlift 2.0 machine.

How to fit Override Kit:

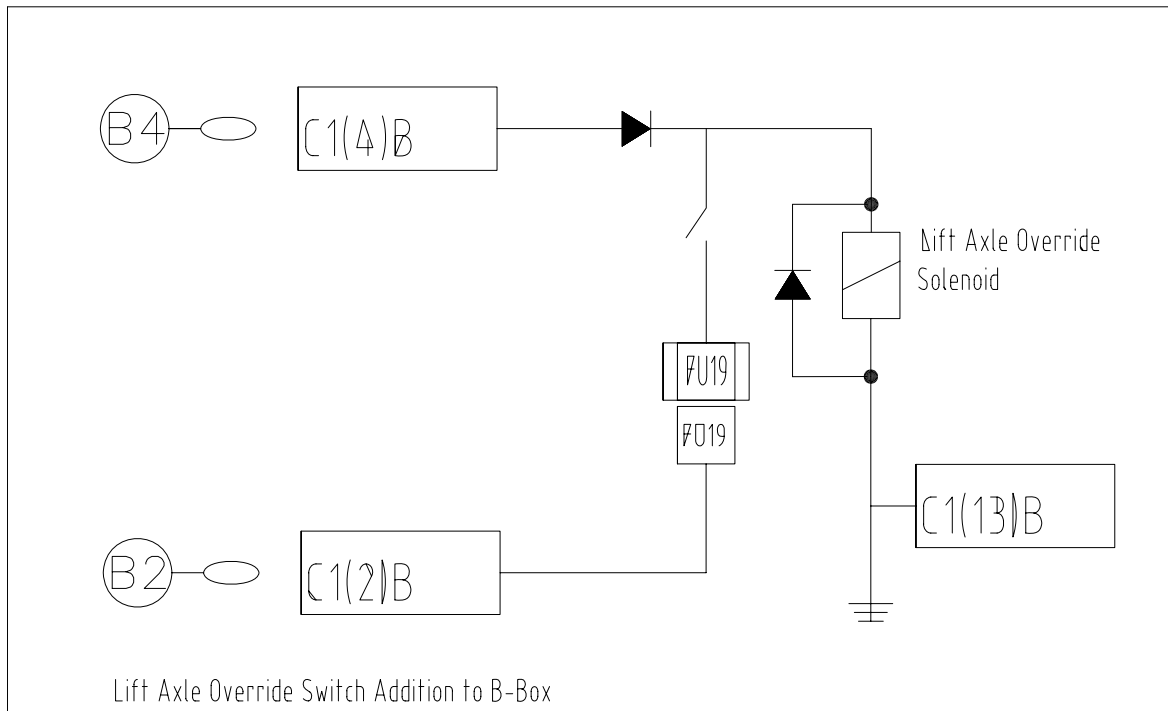


1. Remove the two blocks circled in the picture above, if fitted.



2. Fit the new DIN rail as shown in the picture above, and replace the 3 way block at C1(2)B with the 4 way block (circled)

3. Connect the assembly as follows;



Benefits and Advantages to Change:

This is a safety related change to protect technicians from unexpected raising of the lift axle during wheel changing operations.