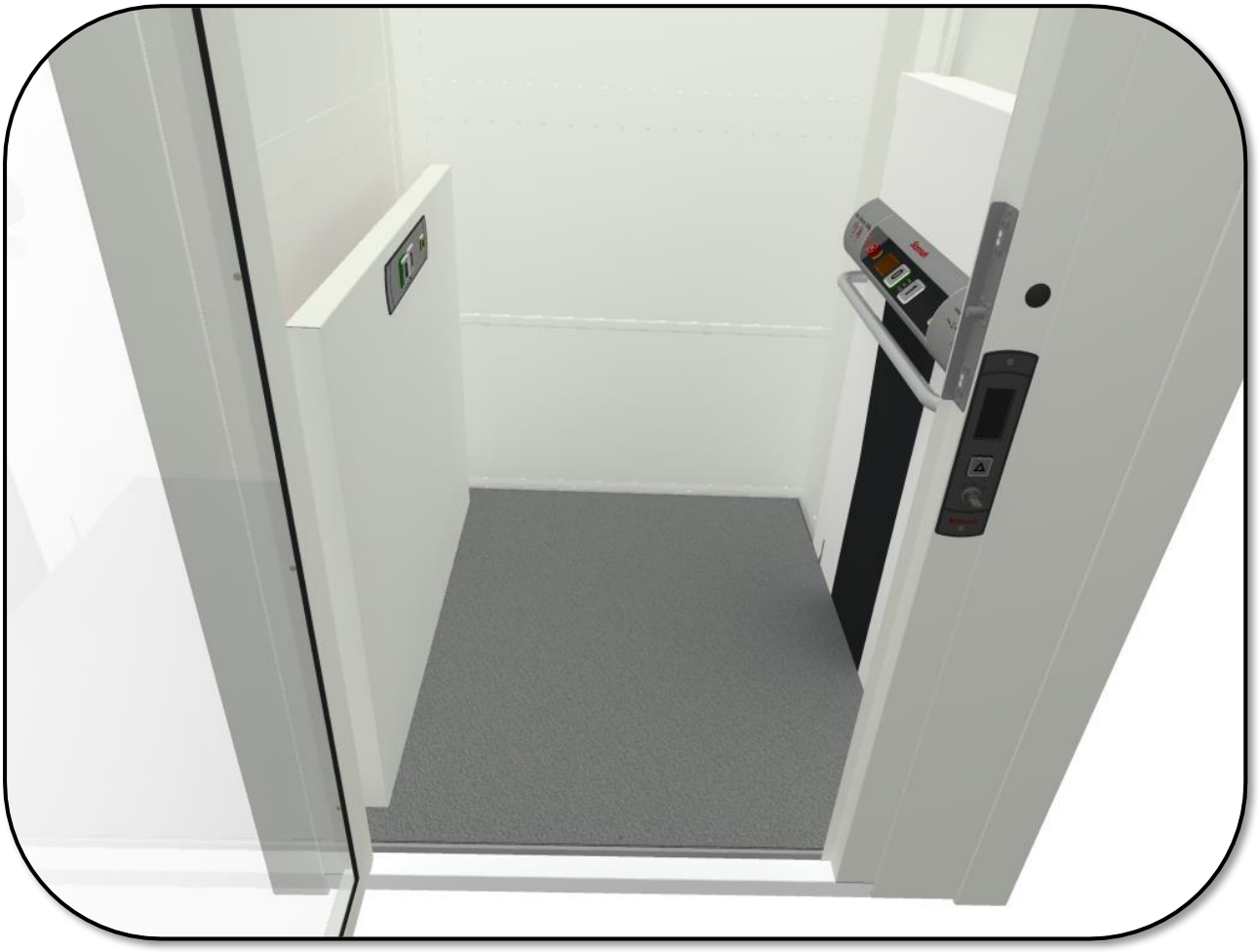
Midilift SL/GL Dual Control Platform Lift



Installation Supplement

(to be read in conjunction with Midilift SL Installation Guide)

Contents

1 INTRODUCTION

1.1 The installation procedure for the Dual Control Midilift SL/GL is almost identical to the standard Midilift SL & GL products. This Installation Supplement is therefore intended to be read in conjunction with the Midilift SL Installation Guide. **This supplement only details those areas which differ from the standard SL/GL product.**

2 SAFETY EQUIPMENT AND PRECAUTIONS

2.1 Personal protective equipment

The following safety equipment is recommended for your personal safety.

USE AS REQUIRED AND WHEN INDICATED IN THIS MANUAL.

 Safety gloves	 Safety goggles	 Safety helmet	 Ear protection	 Safety shoes

2.2 Danger / Warning symbols

 D ic shock	 D f falling	 Suspended load	 Warning	 Weight – xx kg	 Danger: Crushing hazard

2.3 General safety precautions

- Always use personal protective equipment when indicated in this manual.
- Always ensure that electrical equipment is disconnected from the power supply before working on them.
- Do not use any shorting links unless stated otherwise.
- Follow each instruction in this manual and **DO NOT** skip any step as a potentially dangerous situation may arise in doing so.
- **Ensure that the pit prop is in its active position when any work is undertaken below the platform**
- Ensure that lifting aids are considered before attempting team lifts for loads above 25Kg
- Follow general health and safety procedures while lifting heavy loads and working from height.
- Danger / warning signs will indicate when there is a potential risk, pay special attention to these risks and ensure that safe working practices are upheld.

3 CARRIAGE

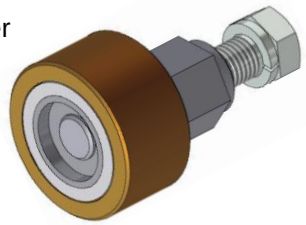
The Dual Control platform is heavier than a standard SL/GL platform, so the loads imposed on the guide rails are higher.

To keep the stress levels in the aluminium guide rails within acceptable limits, the carriage is supplied with bogie roller assemblies instead of single rollers.

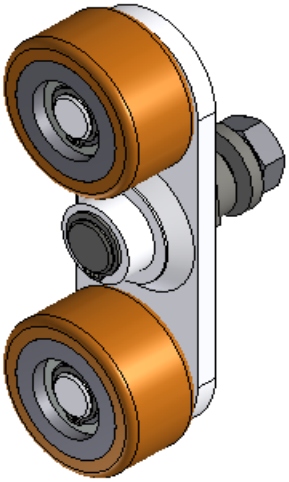
Check that the correct roller configuration has been supplied - see illustrations on right for quantities.

Installation and adjustment of the carriage is the same as the standard SL/GL.

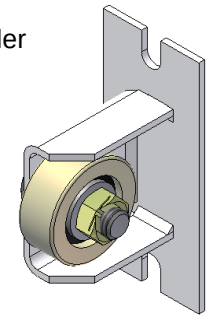
Single Roller



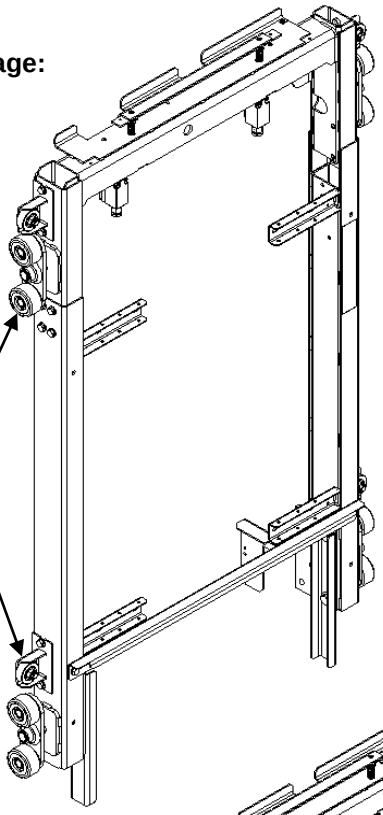
Bogie Roller Assembly



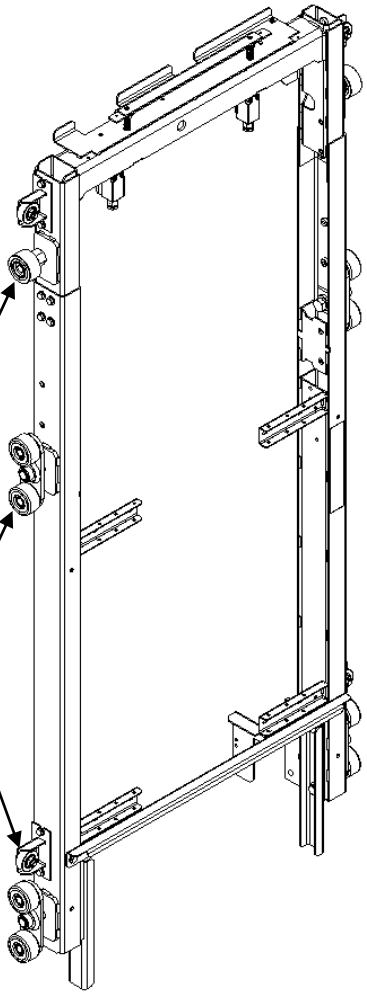
Kicker Roller



2000mm carriage:



2001-7000mm carriage:

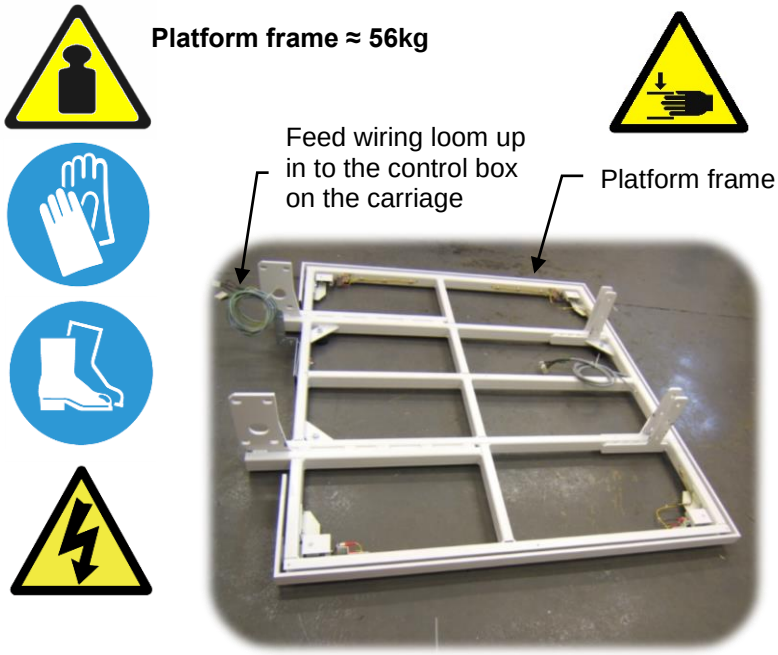


4 PLATFORM FRAME

The Dual Control platform frame is wider than the standard platform and also incorporates brackets which are used to connect the side wall to the platform.

Install the platform frame on to the carriage as per the SL Installation Guide.

Feed the pre-wired cable loom through the opening in the bottom of the control box on the sling carriage and connect in accordance with the supplied wiring manual & electrical diagrams.

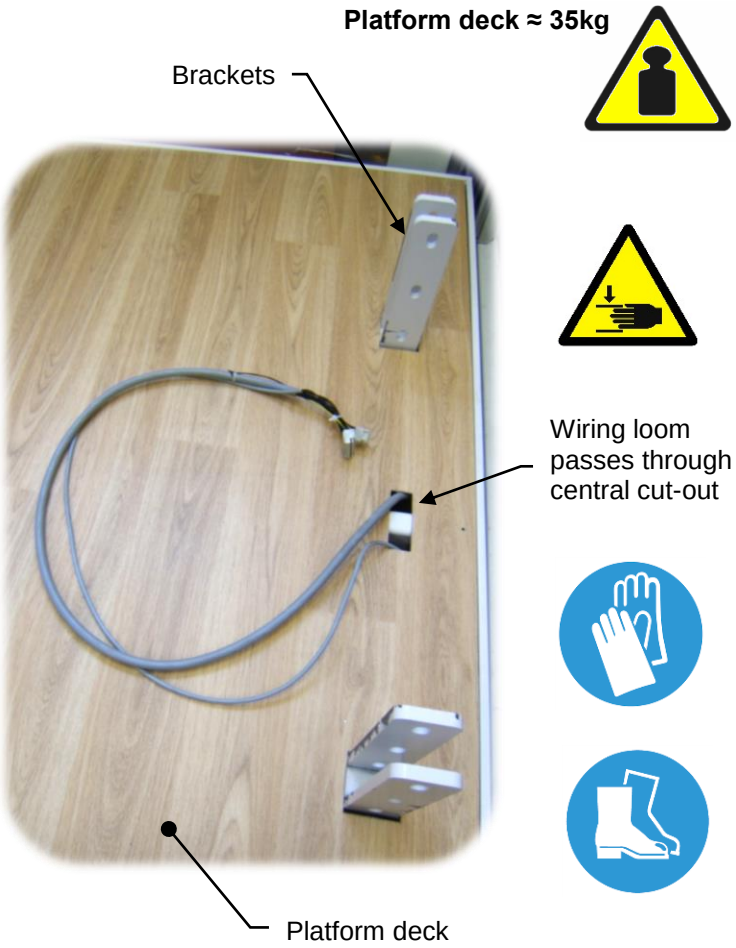


5 PLATFORM DECK

The Dual Control platform deck is wider than the standard platform and also incorporates cut-outs for the wall fixing brackets and wiring loom to pass through.

Install the platform deck on to the frame as per the SL Installation Guide but additionally feed the wiring loom through the central cut-out.

This is best achieved by resting the long edge of the deck against the bottom of the carriage legs and temporarily resting the opposite edge of the deck on top of the wall brackets. It is then possible to reach between the frame and the deck and feed the cables up through the central hole before lowering the deck into its final position.



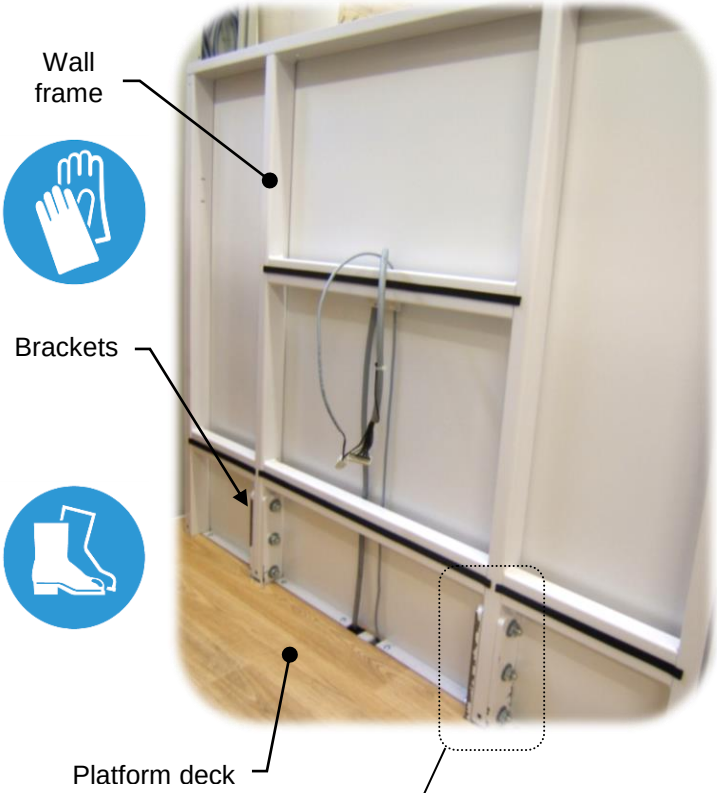
6 PLATFORM WALL

6.1 Attaching the wall frame to the platform

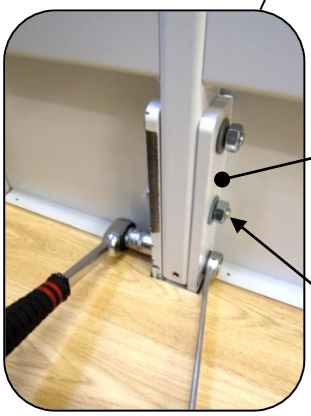
Before installing the wall frame, ensure that the deck screws have been installed. Once the wall is in position it is not possible to reach one of the screws!

Wall frame ≈ 28kg

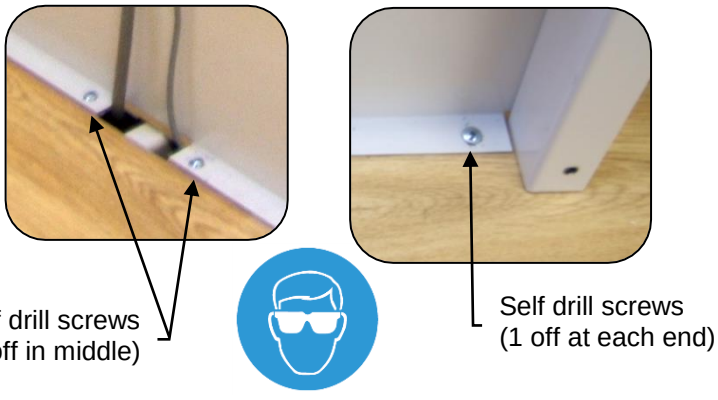
Position the wall frame on to the protruding brackets of the platform.



Secure the wall frame to the platform brackets using the M12 fixings supplied (6 positions).



Fasten the bottom edge of the wall panel to the platform deck using 4 off self drill screws. Four pilot holes are provided, one at each end and two in the middle.

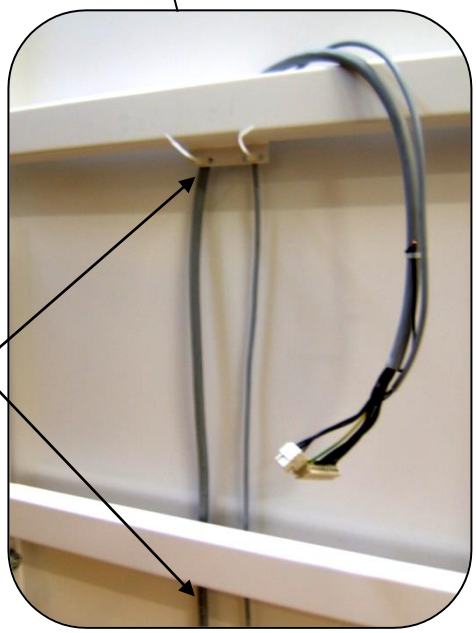


6.2 Attaching the wiring loom to the wall frame

Feed the wiring loom up between the rear panel and the two central horizontal members.

Fasten the cable(s) to the tab on the underside of both horizontal members, using cable ties through the holes provided.

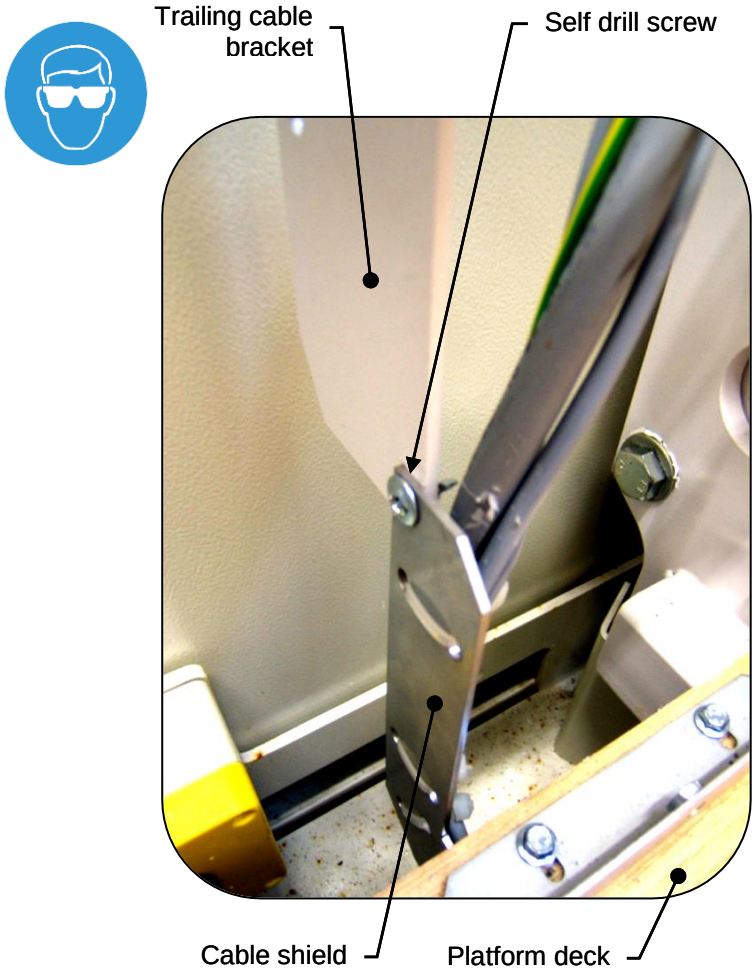
Trim the tails of the cable ties.



6.3 Attaching the cable shield to the trailing cable bracket

Fasten the top end of the cable shield to the bottom corner of the trailing cable bracket using a self drill screw.

Care must be taken not to damage the wiring loom!



6.4 Fitting the front cover panel

Position the front cover panel on the platform, just in front of the wall frame.

Connect the plug(s) and socket(s) of the wiring loom(s) together.

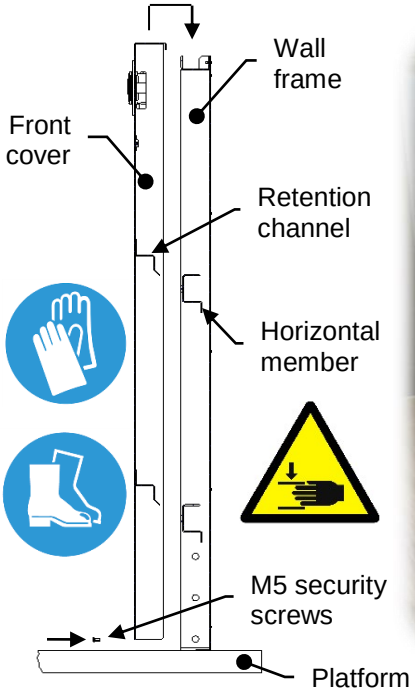
Attach the earth lead to the earth tag on the frame.

Lift the front cover over the frame, so that the top edge of the panel hooks over the top of the frame.

Before lowering the panel, push the middle of the panel back against the frame to ensure that the two retention channels (on the cover) hook over the horizontal members of the frame.

Lower the panel on to the platform deck.

Fasten the panel in position using 4 off M5 security screws at the bottom of the panel.



7 DOCUMENT HISTORY

Issue	Name	Changes	Date
Issue 1	R Christopher	First issue	14/04/2015
Issue 2	R Christopher	'Carriage' section added to show roller configuration	28/07/2015