

TB 191

TECHNICAL BULLETIN

Information Only

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

Date : 19/01/2023

Product : Stannah Midilift SL & GL (hydraulic platform lifts) manufactured from Sept 2009 (with aluminium guides).

Subject : Kicker Roller Packing

Pages : 2

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Introduction:

A recent investigation into a Midilift SL with cracked and damaged guides, attributed the damage to excessive packing of the kicker rollers, such that the running surface of the aluminium guide was subject to undue stress.

This bulletin is to advise of the need to:

- 1) Check aluminium guides for cracks or damage.
- 2) Inspect the packing of the kicker rollers to ensure the guides are not subject to undue stress.
- 3) Replace affected guide sections in the event that cracks are found.

Scope:

This bulletin is applicable to all Midilift SL and Midilift SL Outdoor models, manufactured from September 2009, when the extruded aluminium guides were introduced.

Midilift cabin models (XLplus, SLplus or Piccolo), are not affected by this issue.

When to inspect:

It is recommended that the inspection is carried out during the next service visit, but no later than 6 months where this work is not facilitated by more frequent service visits.

What's involved:

The aluminium guides should first be checked for cracking throughout the travel of the lift. Particular attention should be paid to the kicker roller running surfaces. If grease has been used on the guides or there is a build-up of dirt on the running surfaces, it may be necessary to clean this off to obtain a clear view of the guide surfaces.

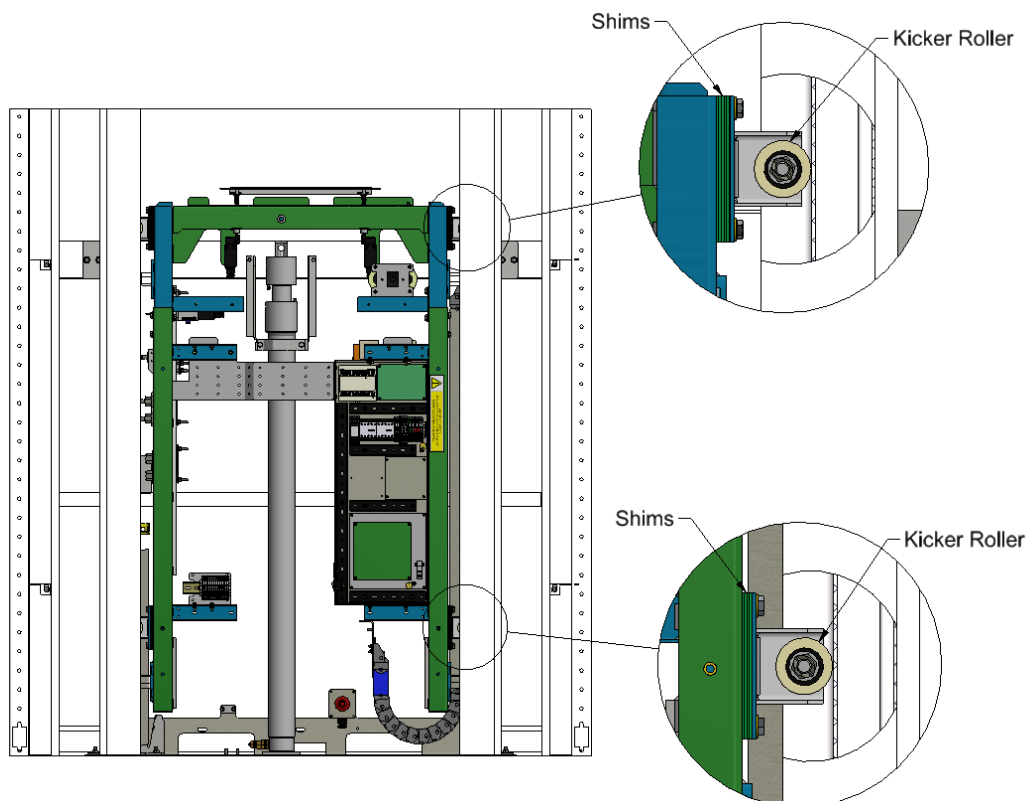
In the event that the guides are found to be cracked, the lift should be removed from service until the affected guide sections have been replaced.

The packing of the kicker rollers must be inspected with the kicker rollers at the tightest point in the guides. To determine where this might be, it will be necessary to take measurements between the guides at several positions throughout the travel of the lift. This could be carried out at the same time that the guides are inspected for cracks.

To inspect the kicker rollers, it will be necessary to remove the upper and lower main carriage covers which will in turn require removal of the carriage safety edge cover.

With the kicker rollers positioned at the tightest point in the guides, the shims must be adjusted so the kicker rollers are just touching the guides (without force) on both sides. If not already the case, they should also be adjusted so the carriage runs centrally within the guides.

Note: At the tightest point in the guides, it should just be possible to rotate one of each of the upper and lower kicker rollers by hand.



Replacement parts:

Where replacement parts are required, these should be ordered from the Stannah Lifts Spares Department.