



Stannah Lifts Technical Bulletin - Safety

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LIFT TYPE:- STANNAH HOMELIFT (SHL)

DESCRIPTION:

It has been reported that 2 incidents have occurred on Stannah Homelift installations where the cord supporting either the middle concertina cover at the rear of the lift or the cord supporting the hydraulic ram sliding cover has failed causing the cover to drop.

Failure of the cord has been attributed to either:

- 1) The wrong specification of cord being used. (not fitted by Stannah Lifts Ltd).
- 2) The cord having been subjected to excessive wear or abrasion.
- 3) Failure of the knotted rope terminations.

CORRECTIVE ACTION:

We recommend that the installations are checked on the next service visit and consideration be given to the retrofit of some components. Retrofit packs are available from Stannah. Please be guided accordingly.

HD 3024 Sliding Ram Cover.

- This retrofit would replace the existing nylon cord to the outer ram cover with new 2mm wire rope and more secure terminations. A physical stop can also be fitted at the base of the hydraulic ram to protect the hydraulic coupling from any shearing hazard.

HD 3025(A) Middle Concertina Cover at the Rear of the Lift.

- The cord supporting the middle concertina panel can be replaced with new nylon cord to ensure that the correct specification has been used and that the cord is free from wear and abrasion.



- The cord should be clamped on both sides where it is attached to the overhead infill board assembly. This means that the cord would have to break in 2 places for the cover to drop down.
- The nylon cords supporting the middle concertina panel can be terminated with a more secure crimped ferrule to replace the knotted termination.

Additional items for new Homelifts.

- On all Homelifts manufactured after the 15th September, 1998 the top edge of the middle and bottom concertina cover will be chamfered to minimise the risk of someone inadvertently resting one cover on top of the other and subsequently raising the overhead infill board assembly before it is supported by the lift cabin.
- A maximum height restriction notice will be introduced for the same reason.

Essential Checks for Site Personnel.

We recommend that the following checks are made on every visit to site.

- Check the cords supporting the middle concertina cover and the ram cover for signs of wear, abrasion failure of terminations, or any other abnormalities.
- Check that the countersunk screws used to retain the bottom concertina cover are flush and not protruding. (See HD 3025A).
- Ensure that there is adequate overlap of the concertina panels. (See HD 3025A).



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Safety Awareness

Site personnel should exercise extreme caution if a Stannah Homelift is found to be stopped between floors or has activated the ultimate limit switch as shown on the attached drawing, HD 3023.

We strongly recommend that the lift is **manually** lowered to the bottom floor level, in accordance with the emergency lowering procedures, prior to investigating any fault or attempting to operate the lift. It is particularly important that the aperture infill board assembly and concertina covers at the rear of the lift are not touched until the lift has been lowered to the bottom floor level.

The above procedure is aimed at eliminating a possible hazard due to the infill board assembly dropping in the unlikely event that it is not correctly supported by the lift cabin.

Once the lift is at the lowest floor level and the infill board is correctly located within the aperture the fault can be investigated.

It is imperative that any personnel attending a Stannah Homelift installation have been given adequate training and are familiar with this bulletin.