



Lift & Escalator Industry Association

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To: All Members

Dear Member

LIFTSTORE LTD – VL30, VL31, VL60, VL61 SAFETY ALERT

We have been requested by LiftStore Ltd to forward the attached information to all of our members on the above subject.

I trust this notice is self-explanatory, please be guided accordingly.

Yours sincerely

Derek Smith
Technical Director



VL30, VL31, VL60, VL61 SAFETY ALERT

The VL30, 31, 60 and 61 Gatelocks are provided with an optional keeper plate for use on wooden doors. It has been reported that a VL30 Gatelock keeper plate was found to suffer a broken threaded stud on installation with the M5 bolts. Subsequent testing of our current stock has also revealed a similar occasional inferior weld stud fixture. Although the failure is typically only one per plate we report this as a potential safety hazard.

We are now testing 100% of all keeper plate threaded weld studs and labelling each plate with a 'tested' sticker. The M5 stud should resist a pulling force (tensile load) as applied by a 6Nm tightening torque and we have simulated this test with a 10 Nm bending moment using a simpler weld stud test tool. Since we are unable to determine which manufacturing batches might be at risk we recommend all keeper plates are validated before fitting. In the field a similar bending test to that outlined above is ideal but in practise using an M5 nut runner or socket will suffice. A moderate bending moment with such an instrument but insufficient to inflict a bend on the stud or plate is recommended. If this is not practical replacement tested keeper plates are available. We also recommend a maximum tightening torque for the M5 bolts of 3Nm.

Although the fault has only been reported on the VL30/31 keeper plates the similar VL60/61 plate should also be regarded a risk.

Please contact Steve Roberts at Dewhurst UK or Jackie Hill at LiftStore for any further information or clarification.



Mel White
Engineering Director
Dewhurst UK