

TB 140

SAFETY BULLETIN

SAFETY ISSUE

For the Attention of : Installers, Trade Customers, Training Dept, H & S Manager

Date : 22/02/2013

Product : Midilift XLplus

Subject : Incident: Electric hoist clash with counterweight

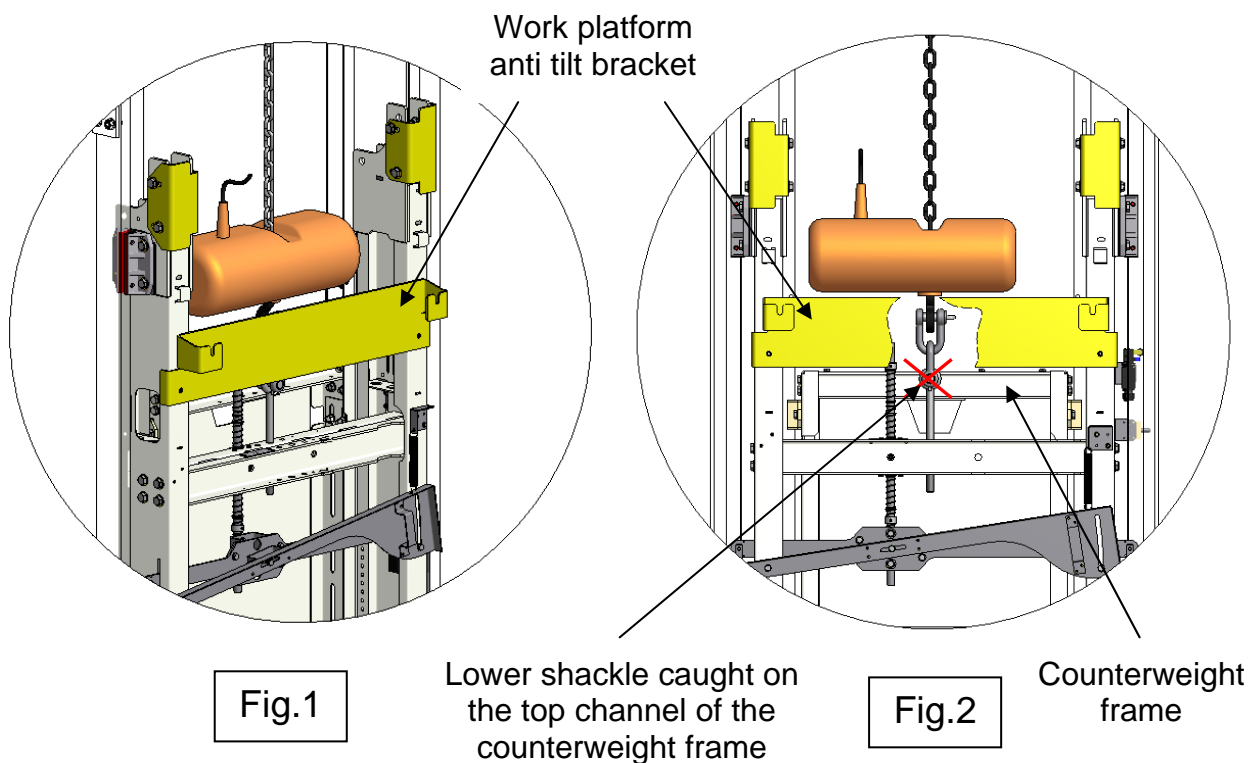
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Detail:

This bulletin relates to the installation stage of the Midilift XL+. When the electric hoist is being used to raise the sling and work platforms a potential hazard has been reported as a near miss.

It was reported that when driving the sling upwards, the shackle connecting the hoist to the sling caught the top of the counterweight frame. This resulted in the counterweight assembly rising with the sling until becoming dislodged and then falling onto the buffer. (See Fig.1 & .2)



To avoid this reoccurring, an additional bracket has been added to the counterweight assembly to cover up the top channel, this bracket will eliminate the possibility of the D-shackle catching and raising the counterweight frame.

The work platform anti tilt bracket has also been modified as it was found that this bracket clashed with the hoist, forcing two D-shackles to be used to raise the hoist above the bracket. The new anti tilt brackets (one each side of the sling) enable a single D-shackle to be used to connect the hoist to the sling.

As a further precaution, ensure that the eyebolt is attached at its maximum height and also that the D-shackle is orientated so that it is parallel to the counterweight, with the shackle in this position it will be impossible for there to be any clashes with the counterweight. (See Fig.3 & .4)

