

TB 174

TECHNICAL BULLETIN

SAFETY ISSUE

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

Date : 4th July 2019

Product : Piccolo

Subject : Incorrect assembly of the pit prop assembly

Pages : 2

Originator : Stannah Lifts Ltd, Anton Mill, Andover, Hants SP10 2NX 01264 339090

Background

A product incident no. 18752 was raised which identified that the pit prop safety switch had been bent and misshaped.



This led to a concern that the activated pit prop may not have operated the electrical switch correctly to isolate the power to the lift. In this case, it was proven that the switch worked correctly to isolate the power

Root cause

The root cause is believed to be damage during the pit prop site assembly process

Corrective action

Particular care must be taken when site assembling the pit prop assembly. The installation manual has been revised to show the correct assembly and detail in greater clarity.



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Attach the pit prop leg to the pit prop base using an M16x50 hex hd screw and nyloc nut.



Note: slot in base allows pit prop leg to be inserted. Be careful not to damage the micro-switch! See image.

Secure the pit prop to the base plate using the studs & fixings provided. Position it on the side nearest the lower entrance.

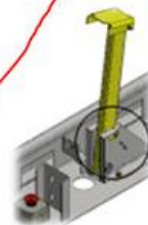
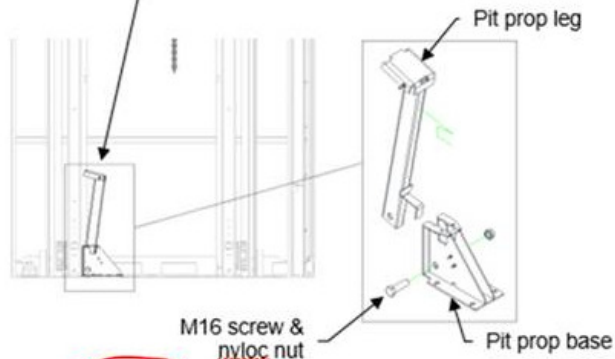


Deploy the pit prop to its active position whenever the sling is raised.

The pit prop has a notch in its upper corner which must locate on the blade of the guide rail. If it does not align properly, small adjustments can be achieved using the slots on the pit prop base. If the pit prop is still misaligned it will be due to incorrect packing under the base plate – add or remove packers until the pit prop leg is parallel to the guide side wall.

Pit prop location.

- Direct 1:1 = same side as lower entrance
- Tackle 2:1 = opposite side to stump base



Note correct orientation of pit prop relative to switch (show in retracted position here)

Service and installation engineer action

On the next service visit and during any active installations, all Piccolo lifts should be checked to ensure that when in the deployed position, the pit prop switch is activated to break the lift electrical safety chain.