

Stannah

TB-MP016

TECHNICAL BULLETIN

INFORMATION ONLY

For the At	Graham Mears, Larry Power, Peter Amura, Contract ention of : Managers, Service Branch Managers, Testers, Margaret Pitman	
From:	Pete Canning – Product Support Manager (Passenger Lifts)	
Date :	29February 2016	
Product :	MP	
Subject :	VVVF Transformer Failure Version 2	
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Background

This v2 Technical Bulletin is an update with the information that SLL have received from MP about the Drive Unit failures. This is to follow on from the first Technical Bulletin sent out on 30 June 2015.

MP have said "Poor performance transformers started to be seen in the inverters in manufactured products during mid 2015". .

The root cause of this was the discovery of a possible issue with higher (>425 volts) & unstable power supply voltages causing a number of failures in the transformers of the drives on MP lifts.

Complaint transformers are now being supplied with MP product.

- Any claims for faulty Drives must be registered in the normal way using MPs B2B to make claims
- SLL, Andover hold a 'safety stock' Drives if your need is urgent
- Remember to clarify the controller 10hp Drive = Microbasic controller and 15hp Drive = VS controller
- MP will provide Stannah with a 5 year guarantee for Drives (the standard guarantee was 2 years).

If you are unsure and or have any questions concerning this topic then please do not hesitate to contact me.

The next pages show how to identify a faulty Drive and the procedure for setting up the new Drive unit.



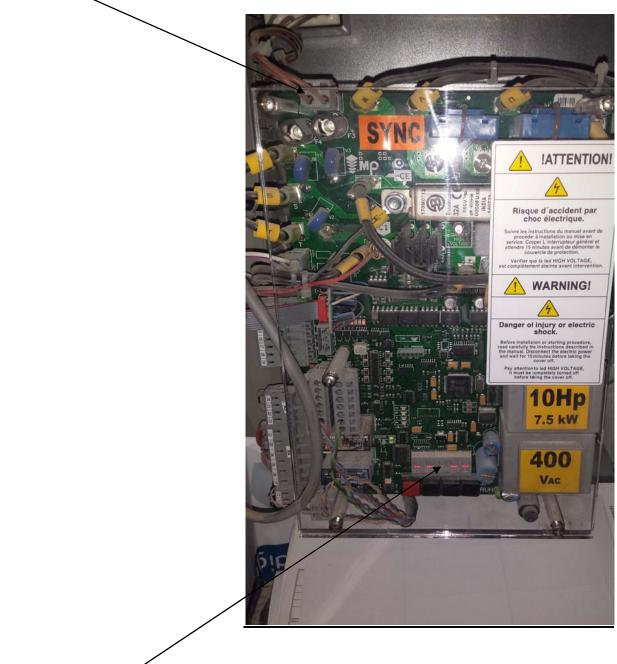


I hope you find this Bulletin to be of help and should you have any questions about this topic or would like to know a little more then please contact me on **Ext 8646 or DDI 01264 34 36 46**

How to identify a faulty drive (Caused by Transformer failure.)

XC12 Plug will have 415 volts on it but the display will be blank.

XC12 Plug



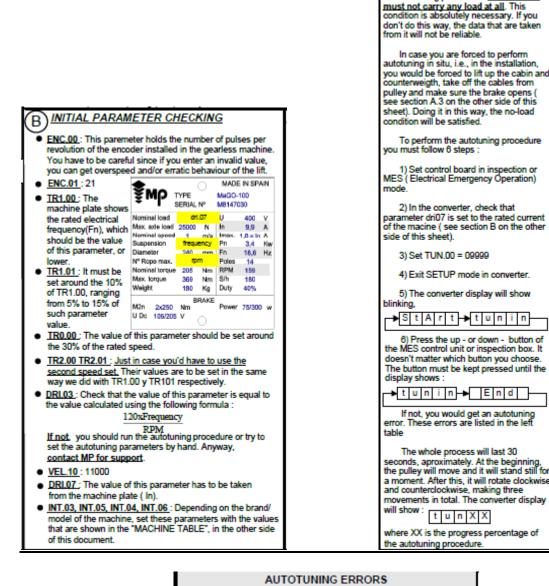
No Display shown here (The picture shows the normal display.)



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AUTOTUNING There is just one condition to perform the autotuning procedure : the machine

Procedure for Installing the new Drive unit.



Autotunning aborted
Autotunning aborted
Error while reading absolute position
Az Initial and final absolute position are equal.
As Error setting parameters of absolute encoder adjusting.
As Sinusoidal encoder error
As Error setting parameters of sinusoidal encoder adjusting.
As Invalid number of poles.
Az Error setting parameters of direction adjusting.
As Invalid resistance
An Time-out error
Autotuning procedure incompatible with rescue operation.