

**TB 137**

## TECHNICAL BULLETIN

### INFORMATION ONLY

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**For the Attention of :** Service Engineers, Installers, Trade Customers, Testers,  
Training Dept.

**Date :** 03/01/13

**Product :** Hydraulic Maxilift models with NGV A3 valve block (GMV)

**Subject :** False NGV F51 faults logged by Nexus

**Pages :** 2

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### Introduction

If a fault occurs with the NGV A3 hydraulic powerpack then it will be registered on both the NGV A3 control board (menu 2: alarm codes) and the Nexus controller (NGV F51 fault).

However, in some unexplained cases, the Nexus controller has been found to log false NGV F51 faults (i.e. fault is registered by Nexus but not by the NGV control board).

This NGV F51 fault is a latch fault and will force the lift out of service requiring either a controller or power reset to clear.

### How do I know that a false F51 fault has occurred?

If no alarm code is recorded by the NGV A3 control board and Nexus **AST** and **CRT** timers are configured correctly (see below) then the Nexus has recorded a false NGV F51 fault.

Nexus Software	AST	CRT
V7.31	3	3
V7.32	3	1
V7.33	3	1
V7.34 and above	3	3

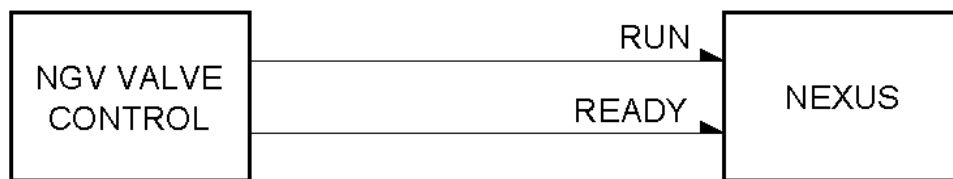
**Important note:** Genuine NGV faults are not covered within the scope of this technical bulletin – refer to the NGV A3 valve manual (available on Stannah Technical website).

## The F51 fault was incorrectly logged by Nexus – what next?

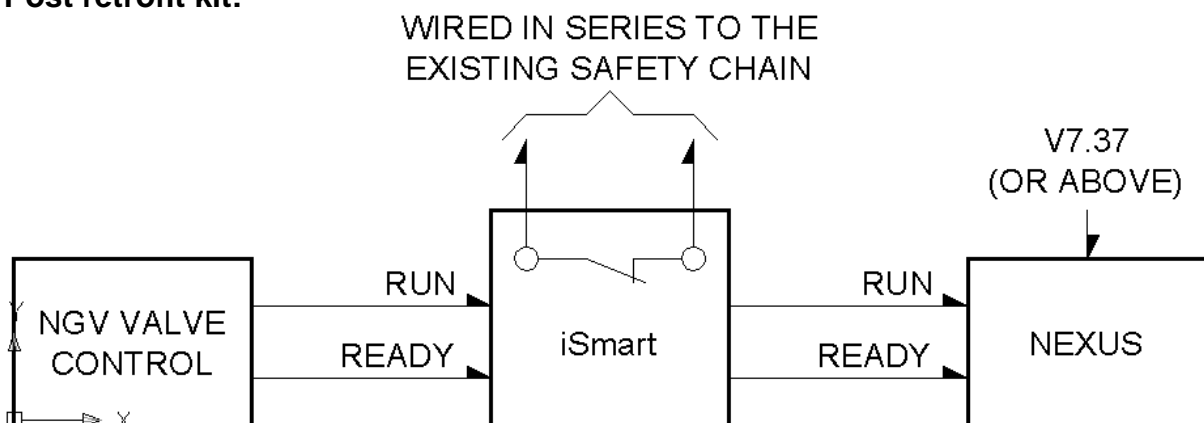
The NGV iSmart retrofit kit is required to prevent further faults being logged. This kit can be obtained direct from our spares department (part number = 1009274).

The iSmart device will assume NGV A3 monitoring responsibilities whilst providing Nexus with relevant RUN and READY signals.

### Pre retrofit kit:



### Post retrofit kit:



If a genuine NGV A3 valve fault occurs, the iSmart will isolate the safety chain preventing further lift movement.

### Summary

The NGV iSmart retrofit kit is available and should be installed on lifts where false NGV F51 faults have been logged by Nexus.

Confirmation that the fault is logged only by Nexus and that timers have been correctly configured is essential before progressing with the retrofit – this modification will not correct genuine NGV A3 faults.

The NGV iSmart retrofit kit can be ordered direct from our spares department. Please reference the following part number and description –

**1009274 NGV iSmart retrofit kit**