

TB 112

TECHNICAL BULLETIN

INFORMATION ONLY

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

Date : 03-06-2011

Product : MRLi Hydraulic Passenger Lifts with NGV valve

Subject : Wiring modification for NGV software version V1.15 R.07

Pages : 3 (plus a copy of 9333/738 rev B)

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Background

GMV recently introduced a new software version on the NGV pcb - version V1.15 R.07. This has necessitated a change in Stannah's wiring between the lift control panel and the NGV. Without these wiring modifications the valve fails to receive a VS signal. This will result in the lift platform not running up on the first attempt - on subsequent attempts it may run up at rated speed.

New version software (V1.15 R.07)

R.07 pcb's must be wired in accordance with 9333/738 revision B. A copy of this wiring diagram is included with this bulletin.

For details of how to modify connections from 9333/738 revision A (R.02) to revision B (R.07) please refer to diagram 1 in this bulletin.

Old version software (V1.15 R.02)

No wiring changes are required. R02 pcb's should be wired in accordance with 9333/738 revision A.

Further Information

“How do I know which version of NGV software I have?”

The software version is displayed on the GMV hand held programming tool when it is first connected to the pcb.

“Where can I find fault finding information for the NGV?”

Some basic fault finding guidance is provided in Stannah's NGV Electronic Valve Installation Guide and GMV's NGV Installation Manual.

“Where can I obtain copies of Stannah and GMV’s NGV Installation Manuals?”

- The Stannah NGV Installation Manual can be found at www.stannahtechnical.co.uk.
- The latest copy of GMV’s manual is supplied with the tank. The current version is dated 09.03.2011.

ACTION REQUIRED

Installation personnel:

At the start of the hydraulic installation the installer should check which version of NGV software the tank is equipped with (using the hand held programmer) and then wire the pcb accordingly:

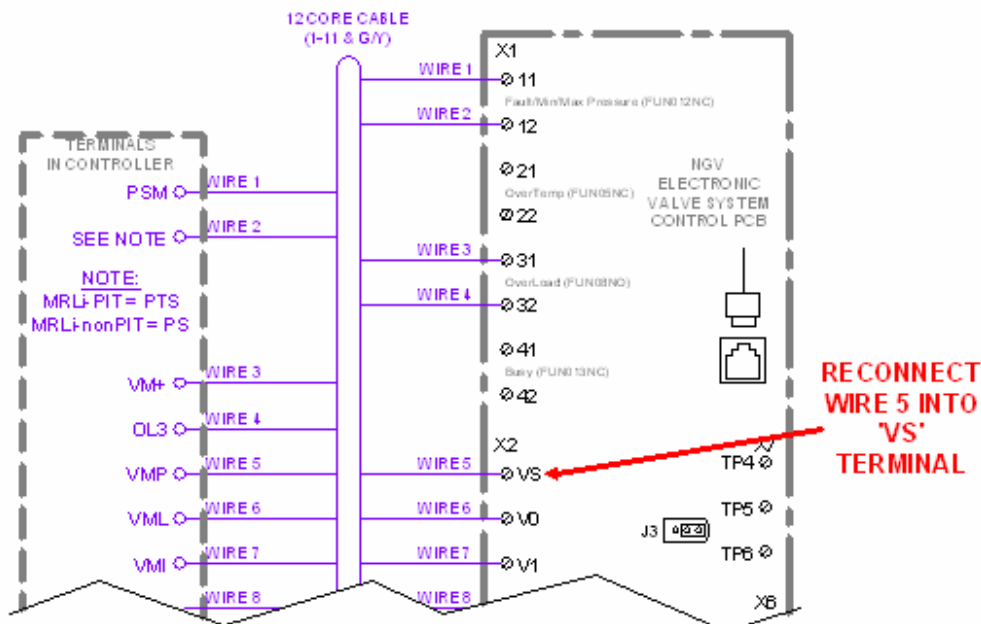
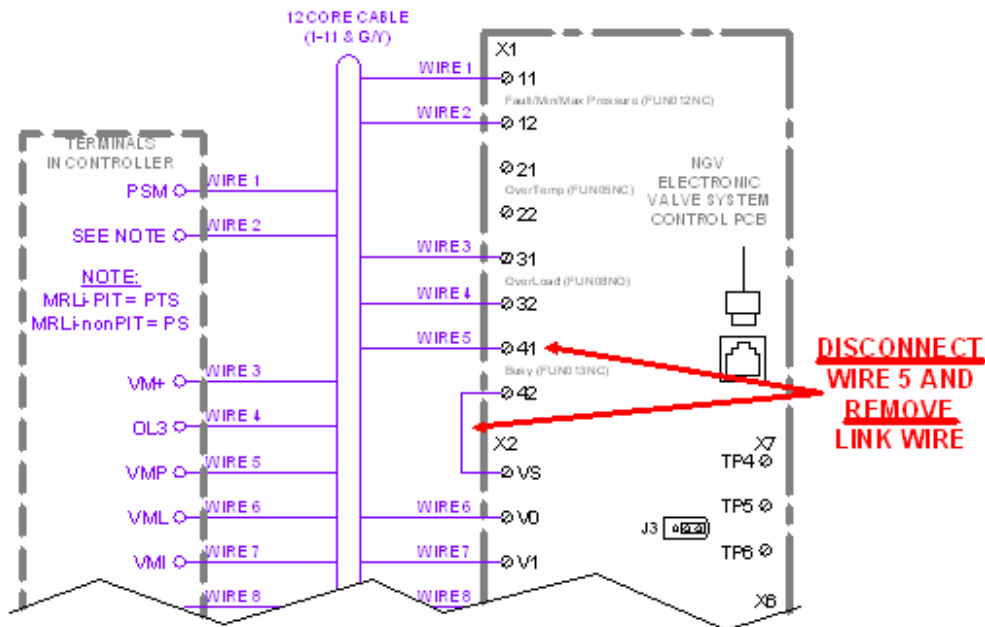
- V1.15 R.02 - wire as per 9333/738 revision A
- V1.15 R.07 - wire as per 9333/738 revision B

A copy of 9333/738 rev B should be left on site for all R.07 installations.

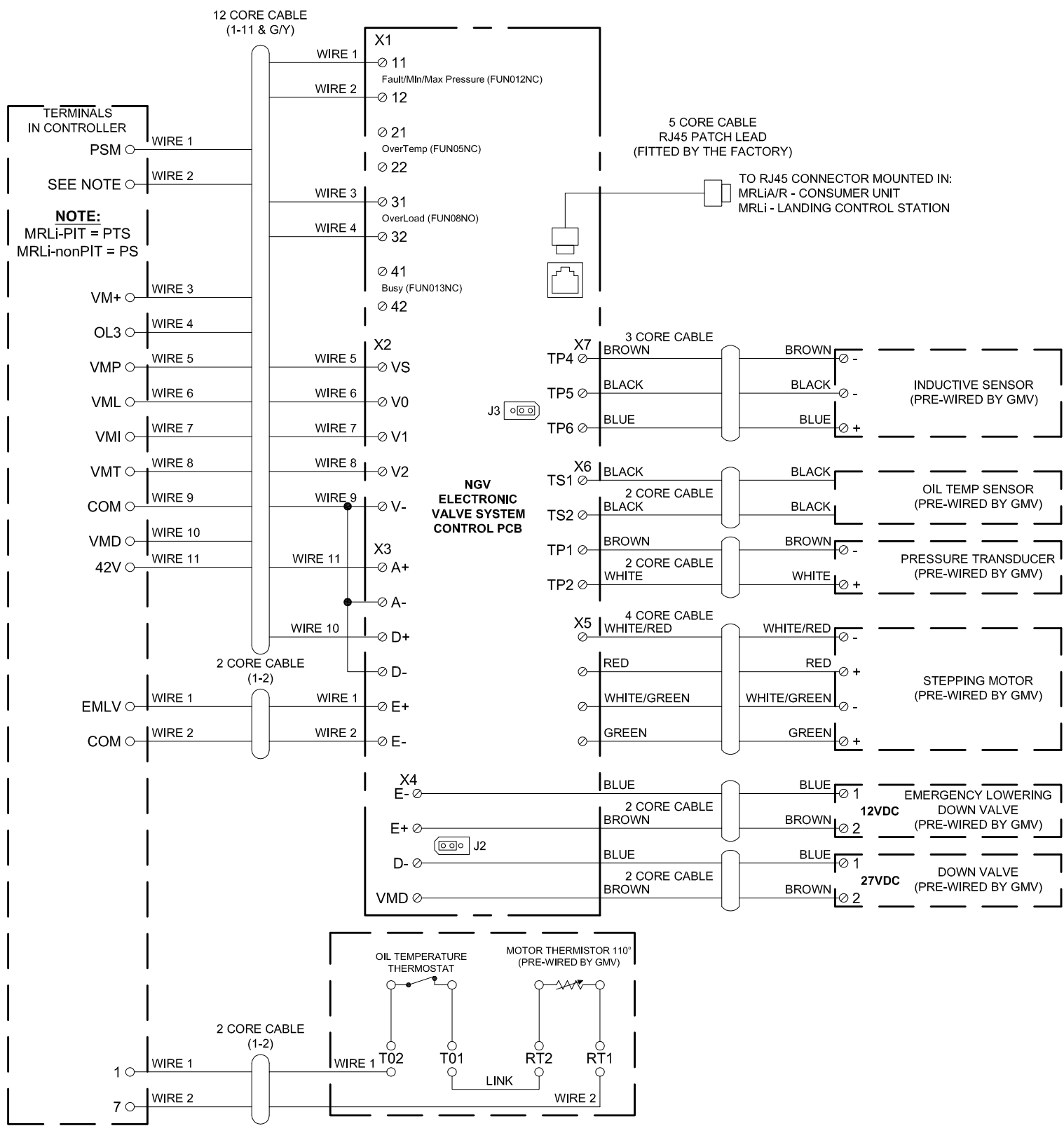
Testing, Servicing & Training personnel:

No action required - this bulletin is intended to provide you with an awareness of the differences in wiring between versions R.02 and R.07.

Diagram 1 - Wiring modification for NGV version R.07 pcb (required if previously wired for R.02 pcb)



Note: If an attempt to run the lift platform was made prior to the wiring modification, a red flashing LED will be observed on the pcb indicating a fault condition. The NGV alarm log must be reset to clear this fault - **attempts to run the platform when the red LED is flashing may result in the lift platform running up at rated speed.** The alarm log is cleared using menu 3 with the hand held programmer - see GMV's "NGV Installation Manual" for details.



REV B: TERMINALS '41' & '42' NO LONGER USED. WIRE 5 NOW CONNECTED STRAIGHT TO 'VS'
 31/05/11 SAJ.

REV A: EMERGENCY LOWER CONNECTIONS AMENDED. DOWN VALVE VOLTAGE CHANGE TO 27VDC.
 NEW LOGO & TEXT FONT CHANGED. 18/08/10 SAJ.

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DRAWING NO: 9333/738	REV: B