



# ST750 & ST900 Firmware Update to PB801 Issue8

27th Aug  
2009

**Product:** ST750/ST900  
**Modifications Req:** No  
**Retrospective Action Req :** No  
**Priority of Change:** Information only

- ✓ Introduction
- ✓ Scope
- ✓ Procedure
- ✓ Related documents

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**Introduction**

The ST750/ST900 Firmware (667/1/12801/000) has been updated from PB801 Issue7 to PB801 Issue8.

**Scope**

The Main Processor Firmware PB801 Issue 8 has now been released to support monitoring of Helios CLS (NLM) signals, i.e. without LMF units, on the ST900LV controller using new "LED Lamp Switch" Cards.

**NOTE :** This PB801 upgrade **ONLY** allows ST900LV controllers to lamp monitor the NLM heads. It does **NOT** extend this facility to the ST750, even though the firmware applies to these also.

**Procedure**

PB801 issue 8 (or later) \*MUST\* be fitted in all ST900LV controllers fitted with "LED Lamp Switch" Cards 667/1/33905/3xx; see [667/HB/32921/007](#) for full details.

All other controllers can continue to use previous issues.

This issue also includes a new fault log flag "FLF 61:255 TKE!", which warns the user that no initialisation has taken place even though the initialisation commands have been entered. See [667/HH/32900/000](#) for details.

This release also includes the Lamp Monitoring profile for AGD LED Nearside / Demand indicators on ST750ELV and ST900ELV controllers.

This release also includes the ability to extinguish the mimic LEDs on the LSLS cards of ELV controllers while the cabinet door is closed to save even more power.

Refer to [667/SU/32900/000](#) for full details of changes to this firmware.

**Related documents**

[667/SU/32900/000](#) (Issue 6 or later)

[667/HB/32921/007](#)

[667/HH/32900/000](#) (issue 5 or later)

**Approved by :** Keith Manston

