

**TECHNICAL BULLETIN**
**[ 1 / 4 ]**

[Issue No.] GOT-A-0071-B

[Title] GT16 models parts change (LCD, buzzer, and reset switch)

[Date of Issue] November 2013 (Ver. B: September 2015)

[Relevant Models] GOT1000 Series

Thank you for your continued support of Mitsubishi Graphic Operation Terminal (GOT).  
 Regarding some GT16 models, the backlight model of LCD will be changed from CCFL to LED. Intensity and viewing angle change according to the change of the LCD type and the backlight for replacement becomes unnecessary because the change to LED increases longevity of LCD. Some other parts will be changed because they are now obsolete or hard to obtain.

**1. Target models and changes of the LCD**

The table below shows the target models and changes of the LCD. \*1\*2

Product	Model name *3	Viewing angle	Intensity	Backlight life	Backlight	Switch timing
GOT	GT1695M-XTBA	Right and Left: 75 degrees each, Up: 50 degrees Down: 60 degrees	No change	About fifty thousand hours or more to about sixty thousand hours or more	The backlight type is changed from CCFL to LED. Change to LED makes the backlight for replacement unnecessary. (Increasing longevity of the backlight.)	The change has been applied to the December 2013 production and later sequentially.  (For the repair acceptance of the CCFL backlight for the GT16 models, refer to Chapter 5.)
	GT1695M-XTBD	to Right and Left: 80 degrees each, Up: 60 degrees Down: 80 degrees				
	GT1685M-STBA	Right and Left: 80 degrees each, Up: 60 degrees Down: 80 degrees				
	GT1685M-STBD	to Right and Left: 80 degrees each, Up: 80 degrees Down: 60 degrees				
	GT1675M-STBA	Right and Left: 88 degrees each, Up: 88 degrees Down: 88 degrees				
	GT1675M-STBD	to Right and Left: 80 degrees each, Up: 80 degrees Down: 60 degrees				
	GT1675M-VTBA	Right and Left: 80 degrees each, Up: 80 degrees Down: 60 degrees				
	GT1675M-VTBD	to Right and Left: 80 degrees each, Up: 80 degrees Down: 60 degrees				
	GT1675-VNBA	Right and Left: 45 degrees each, Up: 30 degrees Down: 20 degrees				
	GT1675-VNBD	to				
	GT1672-VNBA	Right and Left: 80 degrees each, Up: 80 degrees				
	GT1672-VNBD	Down: 60 degrees				

[Issue No.] GOT-A-0071-B

Product	Model name *3	Viewing angle	Intensity	Backlight life	Backlight	Switch timing
GOT	GT1665M-STBA	Right and Left: 80 degrees each, Up: 80 degrees Down: 60 degrees	No change	About fifty thousand hours or more to about sixty thousand hours or more	The backlight type is changed from CCFL to LED. Change to LED makes the backlight for replacement unnecessary. (Increasing longevity of the backlight.)	The change has been applied to the December 2013 production and later sequentially.  (For the repair acceptance of the CCFL backlight for the GT16 models, refer to Chapter 5.)
	GT1665M-STBD	Right and Left: 80 degrees each, Up: 80 degrees Down: 80 degrees				
	GT1665M-VTBA	Right and Left: 80 degrees each, Up: 80 degrees Down: 60 degrees	600cd/m2 to 500cd/m2			
	GT1665M-VTBD	Right and Left: 80 degrees each, Up: 80 degrees Down: 80 degrees				
	GT1662-VNBA	Right and Left: 45 degrees each, Up: 20 degrees Down: 20 degrees	No change	About forty thousand hours or more to about sixty thousand hours or more		
	GT1662-VNBD	Right and Left: 80 degrees each, Up: 80 degrees Down: 80 degrees				

\*1 Colors slightly change because of the change of LCD.

\*2 GT1655-VTBD and GT1665HS-VTBD do not apply in this change because they have adopted LED backlight since the first shipment.

\*3 The model name is not changed associated with the change of LCD.

**2. Reasons for LCD changes**

The CCFL backlight type LCD will be discontinued.

**3. Changed parts along with LCD change**

The table below shows the details and reasons for changes.

Product	Model	Buzzer	Reset switch
GOT	GT1695M-XTBA	(1)Details of change: The sound slightly changes.  (2)Reason for change: The parts are now obsolete or hard to obtain.	(1)Details of change: The color of reset switch is changed from Brown to Red  (2)Reason for change: ①Improvement of the operability ②For common use of parts
	GT1695M-XTBD		
	GT1685M-STBA		
	GT1685M-STBD		
	GT1675M-STBA		
	GT1675M-STBD		
	GT1675M-VTBA		
	GT1675M-VTBD		
	GT1675-VNBA		
	GT1675-VNBD		
	GT1672-VNBA		
	GT1672-VNBD		
	GT1665M-STBA		
	GT1665M-STBD		
	GT1665M-VTBA		
	GT1665M-VTBD		
GT1662-VNBA			
GT1662-VNBD			

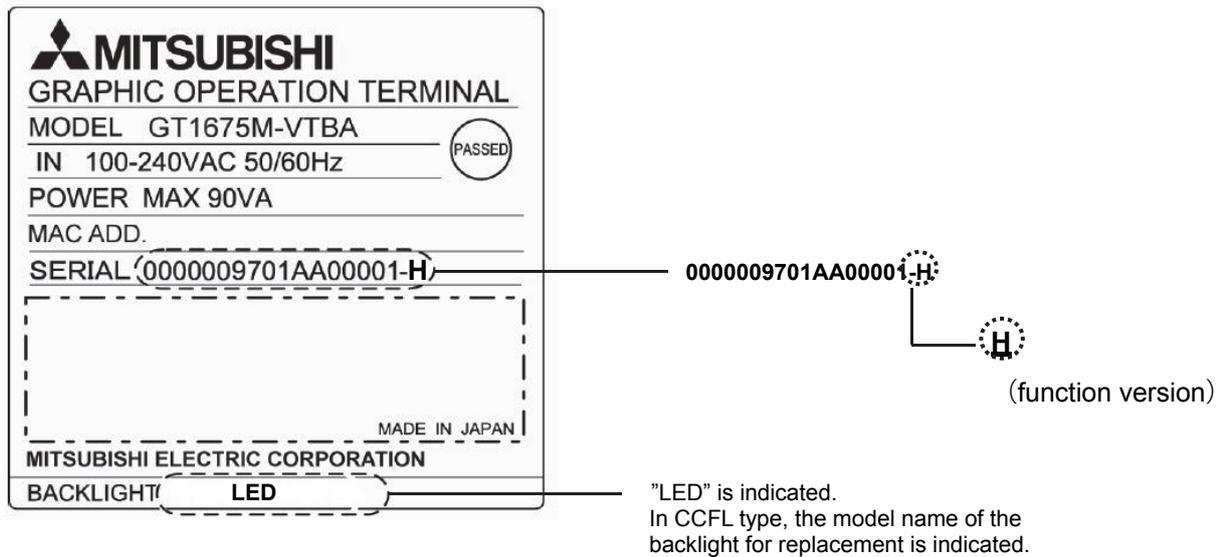
[Issue No.] GOT-A-0071-B

**4. How to confirm target models**

The target models correspond to the function version H or later. The following shows how to confirm the function version and the LED backlight.

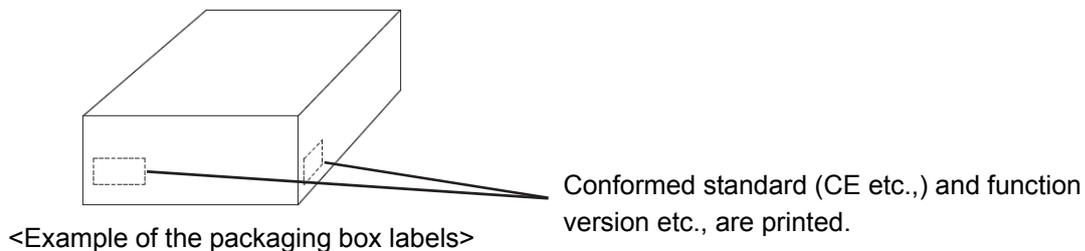
■ Indication of the rating plate (GOT rear face)

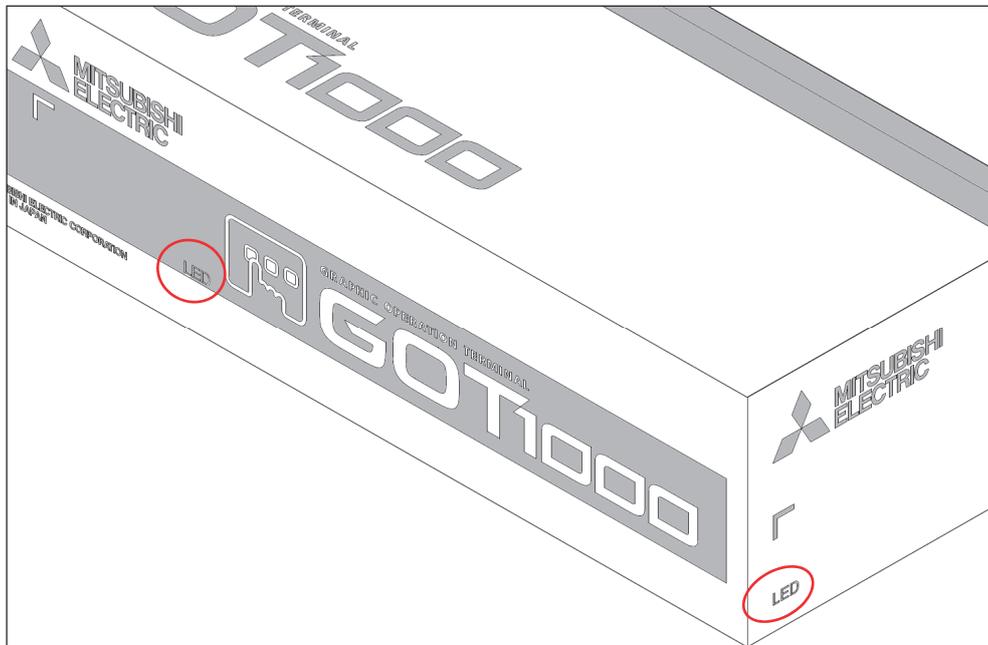
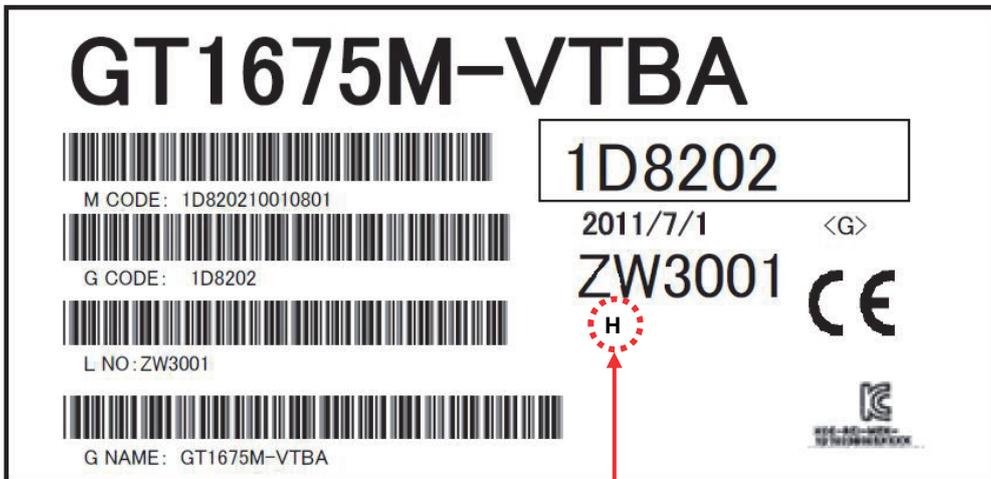
On the rating plate, confirm the function version and the "LED" indication in the field to indicate the model name of the backlight for replacement.



■ Packaging box

Confirm the version on the label and the print "LED" on the packaging box. The label position varies depending on the models or shipment time.





“LED” is printed on the target model’s package.

**5. Repair acceptance**

We will accept repair or replacement requests of the CCFL backlight for the GT16 models according to the schedule below.

- Target models: GT16 models with function version G or earlier
- Repair acceptance: Through December 31, 2021

**REVISIONS**

Version	Print Date	Revision
-	November 2013	- First edition
A	-	-
B	September 2015	- "5. Repair acceptance" has been added.