

DIGITAL	FCO	LEVEL OF URGENCY	PAGE 1 OF 6
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FIELD CHANGE ORDER	NUMBER: LG02-F003
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APPLIC: All Models of the LG02 printer may be upgraded with this FCO. Customers whose systems exhibit one or more of the problems stated below in the PROB/SYMPT section will require this upgrade.

PROB/SYMPT:  
See Page 2.

Quick Check:  
See Page 2.

COMPATIB/PREREQ: N/A	EST INSTALL TIME 1.0 hr.
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TOOLS/TEST EQUIP: Phillips Screwdriver  
ESD (Electrostatic Discharge) kit (29-26246-00)  
EK-0LG02-TM LG02 Technical Manual

#### FCO PARTS INFORMATION

ORDER BY FCO KIT #	CONTENTS		
	QUANTITY	PART NUMBER/s	DESCRIPTION
EQ-01562-02	1	29-26617-00	I/O PCB
	1	29-26154-00	Control CPU PCB
	1	EK-LG02X-UG	LG02 Users Guide Version 3 Differences Manual
FA-04873-02	1		FCO Documentation

EQ KIT VARIATION/SYS-OPT APPLICABILITY: N/A

#### APPROVALS

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FCO RELEASE DATE 5 February 1990		PARTS AVAILABILITY February 1990

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Problem/Symptom: (Continued from Page 1)

1. Printer vertical pitch (ie. lpi) returns to default while using a Font selected from the Control Panel which uses a non-default Pitch. This happens when a font is reselected via the data stream. For example, if a font was selected via the Control Panel at 8 lpi entering "bold" mode via the data stream would cause a change back to 6 lpi since it would force plot mode which causes an implicit font select.
2. The printer sometimes hangs after entry of invalid data via Control Panel and processing starts. In this case, the NV RAM gets corrupted and causes the Printer to hang.
3. The Summary sheet and/or Flag page becomes corrupted after a file is sent to the printer which selects the 13.3 cpi font and then prints several lines of 160 characters in width. Subsequent summary sheets would have some of the font information corrupted and have flag page print problems.
4. Panel lock-up after paper out, platen up, and override. If a paper out error occurs and the operator raises the platen before pressing override, the printer will lock up.
5. Panel lock-up when powering up with error present. If there are any non-fatal errors present during power-up the printer will lock-up.
6. ESD blanks out the control panel.
7. When multiple <CR><LF> (over 50) are issued in a row at 8 lpi, a false paper motion error is detected by the new Power Amp (See FCO LG02-R002).
8. When loss of power is experienced in the middle of a compressed print job, the printer will lock up after the power returns and the printer is put on-line.

Quick Check: (Continued from Page 1)

Print out the Printer Status Sheet:

1. Press the "off-line" key at the control panel.
2. Press the "report" key.

Check for the firmware Rev. Level (top right corner of the first



4) Remove the CPU PCB from the card-cage as follows:

- o Locate the CPU PCB. (See Figure 1)
- o Grasp the CPU PCB by the locking tabs (ejectors) at the top and bottom, lift the ejectors away from the PCB and pull the PCB free from the card-cage.

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Installation Procedure: (Continued)

5) Install the new CPU PCB

- o Remove the Control PCB (29-26617-00) from the EQ kit.
- o Grasp the Control PCB at the top and bottom and carefully slide it into the card cage.
- o Press the CPU PCB into the backplane and close the ejectors.

6) Remove the I/O Control PCB from the card-cage as follows:

- o Locate the I/O Control PCB in the card-cage. (See Figure 1)
- o Grasp the I/O Control PCB by the locking tabs (ejectors) at the top and bottom, lift the ejectors away from the PCB and pull the PCB free from the card cage.

7) Install the new I/O Control PCB as follows:

- o Remove the I/O Control PCB (29-26154-00) from the EQ kit.
- o Grasp the PCB at the top and bottom, and carefully slide it into the slot where the old one was removed.
- o Press the PCB into the backplane, and close the ejectors.

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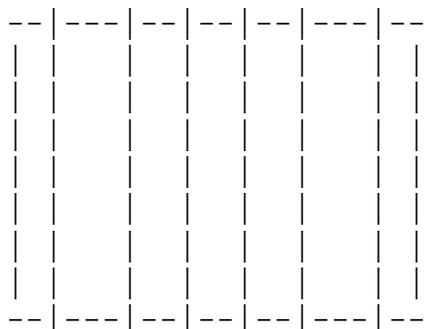
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Installation Procedure: (Continued)

- 8) Install the plate that holds the card-cage PCBs in their slots.
- 9) Disconnect your static strap from the printer.
- 10) Install the rear panel as follows:
  - o Position the rear panel on the frame and align the holes for the retaining screws.
  - o Tighten the retaining screws.
  - o Install the plastic caps by pressing them onto the rear panel retaining screws.
- 11) Install the power cord, and power-on the printer.
- 12) Verification testing:
  - o Refer to EK-0LG02-TM LG02 Technical Manual, Chapter 5, Table 5-1.

FIGURE 1

Card-cage (Front view)



KEY

IO - IO Controller PCB
CPU - CPU PCB
SEQ - Sequencer PCB
S&R - Shuttle and Ribbon Control PCB
P&S - Paper and Status Control PCB
PA - Power Amp PCB

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