

FIELD CHANGE ORDER NUMBER: LP37-S001

APPLICABILITY:

All LP37 Printers having serial numbers in the range of NU05000 to NU05266.

PROBLEM & SYMPTOM: If the Power Supply fuse F2 is blown, attempting to cycle power down and up may cause the C25 capacitor to blow and also damage the other circuit card assemblies.

SOLUTION:

Replace the Power Supply circuit card assembly, p/n 29-28487-01.A01, (vpn 297830-001).

QUICK CHECK:

Check the LP37 Vendor Serial number. If the serial number is within the range of NU005000 - NU05266, the printer must be upgraded.

| | |
|---------------------------|----------|
| PRE/COREQUISITE FCO: None | MTTI HRS |
| | 1.0 |

TOOL/TEST EQUIPMENT: 4mm Allen Driver
 7mm Nut Driver, short and long
 8mm Nut Driver, short and long
 9mm Nut Driver, short and long

FCO PARTS INFORMATION

| FCO KIT NO. | DESCRIPTION OF CONTENTS | EQ KIT VARIATION APPLICABILITY |
|-------------|---|---|
| EQ-01603-01 | 1 29-28487-01.B01 Power Supply C. C. A. (includes 2 Cable Tie straps) | LP37 printers with P.S.C.C.A vpn 293190-003 |
| FA-04934-01 | 1 FA document | |

FCO CHARGING INFORMATION

| WARRANTY/CONTRACT | | | | NONWARRANTY/NONCONTRACT | | | | |
|-------------------|-----|----------|-----|-------------------------|-----|----------|-----|---|
| ON-SITE | | OFF-SITE | | ON-SITE | | OFF-SITE | | MATERIAL ONLY |
| TRAVEL/ | EQ | INSTALL | EQ | TRAVEL/ | EQ | INSTALL | EQ | ORDER-ADMIN, HANDLING PKG, SHIPPING & EQ KIT |
| INSTALL | KIT | INSTALL | KIT | INSTALL | KIT | INSTALL | KIT | |
| DEC | DEC | DEC | DEC | CUS | DEC | DEC | DEC | DEC |

APPROVALS

| | | |
|-----------------------|------------------------------|---------------------------------|
| CSSE Dick Mitchell | CSHQ LOGISTICS Jean Burke | CS PRODUCT SAFETY Bill Henry |
|-----------------------|------------------------------|---------------------------------|

| | | |
|-------------------------------|---|--------------------------------------|
| CSSE MANAGER Lee Spector | This document is published on multiple media including hardcopy, Customer Services Microfiche Libraries, Customer Services CD-ROM and MDS Microfiche Libraries. | FCO RELEASE DATE 21 January 1991 |
| MICROMEDIA Diane MacDonald | | FCO REVISION A |
| POPULATION 40 | | PARTS AVAILABILITY February, 1991 |

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INSTALLATION INSTRUCTIONS:

- 1). Turn printer power switch to "off" and remove AC power cord from AC outlet.

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*                               *
*           WARNING             *
*                               *
* HIGH VOLTAGE IS PRESENT IN THE POWER SUPPLY AREA. MAKE SURE *
* THAT THE POWER CORD IS DISCONNECTED FROM THE AC OUTLET! *
*                               *
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- 2). Open the top cover, using a 4mm allen driver, loosen the three printer mechanism lock screws (button head, socket, black color), one on the left side and two on the right side of the printer mechanism, and fully raise the mechanism. (See Figure 1, Page 4)

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*****
*                               *
*           CAUTION             *
*                               *
* ENSURE THAT THE SAFETY LATCH ARM IS FULLY ENGAGED BEFORE RELEASING *
* THE MECHANISM!               *
*                               *
*****

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NOTE REFER TO THE DIAGRAM ON PAGE 5 FOR STEPS 3 TO 5:

- 3). Using an 8mm hex nut driver, loosen the air hose clamp at the band motor and disconnect the air hose. Cut the air hose tie straps, one located about 8 inches below the band motor and the other at the top of the power supply cover, pull the air hose into the power supply

compartment and move it away from the circuit card assembly.

- 4). Locate and examine the power supply circuit card assembly (C.C.A.) cable connectors. Make a note of the position of the connectors before disconnecting them. The recorded information will be used to reconnect the power supply cables. Disconnect the power cable connectors on top of the power supply safety cover.

Using a 7mm nut driver, remove the 3 hex head screws on top of the safety cover and remove the cover. Disconnect the remaining power cables on the left side of the C.C.A. Using a 8mm hex nut driver, remove the 2 stand offs at the front of the C.C.A. The stand off located at the rear of the C.C.A. does not have to be removed. The new power supply C.C.A. will have a stand off attached to it. Using a 9MM hex driver, remove the 2 hex nuts at the rear corners of the C.C.A. Using a 7mm hex nut driver, remove the 4 hex head screws that are used to fasten the 2 power supply capacitors to the C.C.A. Remove the power supply C.C.A.

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- 5). Install the new power supply C.C.A., re-fasten the 2 capacitors, the front 2 stand offs, the screw to the rear stand off, and the nuts at the rear of the rear of the C.C.A. Reconnect the power cables to the left side of the power supply C.C.A. with the information recorded in Step 4. Re-install the safety cover with the existing hardware. Re-connect the remaining power cables on top of the safety cover.
- 6). Re-connect the air hose to the band motor and fasten the clamp. Re-tie the air hose to the cables that were originally tied together with the new tie strap. Use the other tie strap to secure the air hose on top of the power supply safety cover.
- 7). Lower the printer mechanism and tighten the three printer mechanism lock screws.

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*****
*                               *
*           CAUTION             *
*                               *
* MAKE SURE THAT THE BAND MOTOR AND TRANSDUCER CABLES DO NOT *
* INTERFERE WITH THE OPERATION OF THE SAFETY LATCH ARM, BAND *

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* DRIVE PULLEY OR THE CHARACTER BAND. *
* *

8). Locate the FCO decal on the AC power switch cover and record FCO information.

9). Load the paper and close the top cover.

FUNCTION CHECK:

- 1). Turn the printer AC power switch to "on".
- 2). Verify that the printer is operational using available diagnostics.

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FIGURE 1

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FIGURE 2

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LARS

| CATEGORY S | USA | EUR | GIA |
|-------------------------------|---------------------|-----|---------------------|
| Activity - | | | |
| (a)Contract and Warranty | W | | U |
| (b)IN-DEC Contract | K | | |
| Hardware Segment Code | 111 | | |
| Non Contract/Non Warranty | F | | F |
| (c)RTD/Off-site Agreement | F | | |
| Product Line | 031 | | |
| DEC Option | LP37-AA/ LP37-A3 | | LP37-AA/ LP37-A3 |
| Type of Call | M | | M |
| Action Taken | D | | D |
| Fail Area-Module-FCO-Comments | LP37-S001 | | LP37-S001 |
| Material Used | EQ-01603-01 | | EQ-01603-01 |

- (a) Warranty Optimum, Warranty Standard and Warranty Basic (on-site) Agreements.
- (b) Applies to INDEC AREA ONLY - Warranty Optimum, Warranty Standard and Warranty Basic (on-site) Agreements.
- (c) RTD=Return to Digital or Off-site Agreements; If Field Engineer On-site, use Activity Code "F".

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