

FEAT #2095/2096

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ENTRY POINTS

```

-----
FROM   | ENTER THIS MAP
-----+-----
MAP    | ENTRY  PAGE  STEP
NUMBER | POINT  NUMBER NUMBER
-----+-----
EA00  |   A      1     001

```

EXIT POINTS

```

-----
EXIT THIS MAP | TO
-----+-----
PAGE  STEP  | MAP  ENTRY
NUMBER NUMBER | NUMBER POINT
-----+-----
1     002  | EA40  A

```

001  
(ENTRY POINT A)

THIS IS AN MDI 'MANUAL MODE' MAP.  
(SEE DIAGNOSTIC SERVICE GUIDE  
05.00.00).  
TO USE IT: LOAD AND EXECUTE THE  
MAP PROGRAM (CXXXX WHERE  
XXXX=MAP#).  
WHEN CE ACTION IS NEEDED DCP  
HALTS AND DISPLAYS MAP # AND STEP  
#. SEE THE HARD COPY MAP FOR THE  
CE ACTION.

THIS TEST UNIT WILL NEVER TAKE  
THE YES LEG

IF THE 'LOOP STEP TO STEP' OPTION  
IS USED IN THIS MAP THE LOOP MUST  
INCLUDE STEP 001.' ALL STEPS NEED  
STEP 001 FOR SETUP.

LOAD CONTROL STORAGE WITH  
ENGINEERING CHANGES  
RESULT=F?  
MDI=\$TUXX,TEA04,2,000F,EQ,PLNG=4,  
PARM=EA44

Y N  
|  
| 002  
|  
| GO TO MAP EA40, ENTRY POINT A.  
| MDI=\$GOTO,TYPE=XTRNL,MAP=EA40,  
| EP=A

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A  
1

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MAP EA44-2

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003

(ENTRY POINT B)

CONNECT INTERRUPT POINTER FOR DCP

RESULTS=0?

MDI=\$TUXX,TEA57,2,0000,EQ

Y N

004

PROCESSING UNIT FAILURE GO TO

MAP 0070

MDI=\$FIXT

3  
B

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MAP EA44-2

B  
2

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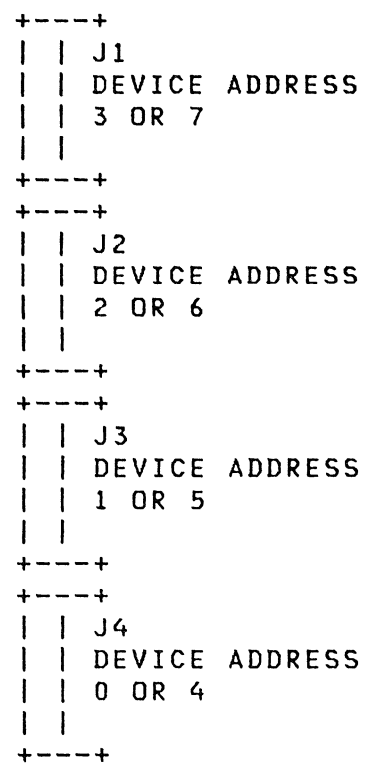
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005

(ENTRY POINT C)  
VERIFY THAT A CABLE IS CONNECTED  
BETWEEN THE FPMLC ADAPTER DEVICE  
ADDRESS AND THE 5218 PRINTER.

ENTER 1 FOR YES, OR 0 FOR NO IN  
RESPONSE TO QUESTIONS. ADDRESSES  
0 THRU 3 WILL BE ON THE LEFT SIDE  
OF THE CONTROLLER.

EIA CONNECTOR LOCATION:



\*CE RESPONSE NECESSARY.\*  
IS THE CABLE INSTALLED?  
MDI=\$QUES  
Y N  
| 006  
| GO TO STEP 005,  
| ENTRY POINT C.  
| MDI=\$GOTO,TYPE=INTRNL,EP=C

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4  
C

C  
3  
|  
|  
|  
|  
007  
(ENTRY POINT D)  
VERIFY THAT PAPER IS INSTALLED IN  
THE 5218 PRINTER  
\*CE RESPONSE NECESSARY.\*  
IS PAPER INSTALLED?  
MDI=\$QUES  
Y N  
|  
| 008  
|  
| GO TO STEP 007,  
| ENTRY POINT D.  
| MDI=\$GOTO,TYPE=INTRNL,EP=D  
|  
009  
(ENTRY POINT G)  
VERIFY THAT POWER IS APPLIED TO  
THE 5218 PRINTER, AND DIAG MODE  
LIGHT IS OFF.  
\*CE RESPONSE NECESSARY.\*  
IS POWER APPLIED, AND DIAG LIGHT  
OFF?  
MDI=\$QUES  
Y N  
|  
| 010  
|  
| GO TO STEP 009,  
| ENTRY POINT G.  
| MDI=\$GOTO,TYPE=INTRNL,EP=G  
|  
011  
RESET DEVICE  
RESULTS=4?  
MDI=\$TUXX,TEAF1,2,0004,EQ  
Y N  
|  
| 012  
| RESET ERROR, RUN EA00 MAPS  
| VERIFY THE REPAIR.  
| MDI=\$FIXT  
|  
|  
|  
5  
D

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MAP EA44-4

ENTER 1 FOR YES, OR 0 FOR NO IN  
RESPONSE TO QUESTIONS

IF POWER IS APPLIED AT THIS STEP,  
WAIT FOR DIAG DIAG LIGHT TO GO  
OUT.

RESET DEVICE

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MAP EA44-4

D  
4

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MAP EA44-5

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013

PREPARE TO LEVEL 0

RESULT= 4?

MDI=\$TUXX,TEAF3,2,0004,EQ,PLNG=4,

PARM=0001

Y N

014

COMMAND ERROR, RUN EA00 MAPS

VERIFY THE REPAIR.

MDI=\$FIXT

015

SET CONTROL/SET MODE

SET MODE 7 DATA BITS, 1 STOP BIT,  
NO PARITY

RESULT= 0

MDI=\$TUXX,TEA15,2,0000,EQ,

PLNG=19,PARM=0003/0007/00B5/0700

Y N

016

COMMAND ERROR, RUN EA00 MAPS

VERIFY THE REPAIR.

MDI=\$FIXT

017

SEND ENABLE WITH TONE AND TIMEOUT

SEND BREAK CHARACTER

RESULT= 0

MDI=\$TUXX,TEA56,2,0000,EQ

Y N

018

COMMAND ERROR, RUN EA00 MAPS

VERIFY THE REPAIR.

MDI=\$FIXT

6  
E

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MAP EA44-5

019  
ISSUE RECEIVE COMMAND TO FPMLC  
ADAPTER  
RESULTS=0?  
MDI=\$TUXX,TEA37,2,0000,EQ,PLNG=9,  
PARM=2000/F407

Y N  
|  
| 020  
| COMMAND ERROR, RUN EA00 MAPS  
| MDI=\$FIXT

021  
TEST FOR RECEIVE INTERRUPT, AND  
DATA=COC0 OR 8080  
RESULTS=0?  
MDI=\$TUXX,TEA38,2,0000,EQ

Y N  
|  
| 022  
| GO TO PAGE 7, STEP 030,  
| ENTRY POINT F.  
| MDI=\$GOTO,TYPE=INTRNL,EP=F

023  
ISSUE TRANSMIT COMMAND WITH XMIT CHAINED TO RCV CHAINED TO  
CHAINING XMIT  
RESULTS=0?  
MDI=\$TUXX,TEA39,2,0000,EQ

Y N  
|  
| 024  
| COMMAND ERROR, RUN EA00 MAPS  
| MDI=\$FIXT

025  
ISSUE TRANSMIT COMMAND. XMIT READY/RESTART COMMAND.  
RESULTS=0?  
MDI=\$TUXX,TEA54,2,0000,EQ

Y N  
| |  
| |  
| |  
| |  
| |  
| |

F G  
6 6

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MAP EA44-7

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026

COMMAND ERROR, RUN EA00 MAPS  
MDI=\$FIXT

027

ISSUE TRANSMIT COMMAND.  
RESULTS=0?

XMIT BLOCK COMMAND.

MDI=\$TUXX,TEA55,2,0000,EQ

Y N

028

COMMAND ERROR, RUN EA00 MAPS  
MDI=\$FIXT

029

(ENTRY POINT E)  
VERIFY THAT TEST MESSAGE PRINTED  
ON THE 5218 PRINTER READS,  
"ABCDEFGHIJKLMNOPQRSTUVWXYZ  
123456789 TEST COMPLETE".  
\*CE RESPONSE NECESSARY.\*

ENTER 1 FOR YES, OR 0 FOR NO IN  
RESPONSE TO QUESTIONS

IS PRINT GOOD?

MDI=\$QUES

Y N

030

(ENTRY POINT F)  
VERIFY IBM CABLE IS BEING USED  
  
IS CABLE P/N 4761715 AS SHIPPED  
BEING USED WITH ADAPTER?

OTHER CABLES AND CURRENT SOURCES  
MAY BE USED, BUT CAN NOT BE  
TESTED BY THIS MAP.

MDI=\$QUES

Y N

031

UNKNOWN CONFIGURATION CAN NOT  
BE TESTED BY THIS MAP  
GO TO PAGE 10, STEP 036,  
ENTRY POINT R.

MDI=\$GOTO,TYPE=INTRNL,EP=R

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9 8  
H J

MAP EA44-7

J  
7

032

CHECK CURRENT INTERFACE CABLE OF  
DEVICE UNDER TEST FOR CONTINUITY

\*CE RESPONSE NECESSARY.\*

+-----+-----+	
FROM CARD END	TO TERMINAL END
A05	1
A08	2
B04	8
B05	9
+-----+-----+	
PRINTER END GROUNDS	
5= GROUND	
6= GROUND	
+-----+-----+	
JUMPERS ON FPMLC END	
A01	A02
A03	B03
A04	A07
+-----+-----+	

ARE ALL LINES GOOD?

MDI=\$QUES

Y N

033

CURRENT INTERFACE CABLE  
FAILURE, REPAIR/EXCHANGE THE  
CABLE

MDI=\$FIXT

034

POSSIBLE PROBLEM WITH PRINTER OR  
FPMLC ADAPTER, RUN EA00 MAPS TO  
CHECK FPMLC ADAPTER.

MDI=\$FIXT

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H  
7

FPMLC MANUAL MAP

MAP EA44-9

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|  
|  
|  
|  
035

NO ERROR FOUND WITH INTERFACE  
MDI=\$FIXT

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MAP EA44-9

036

(ENTRY POINT R)

UNKNOWN CONFIGURATION CAN NOT BE  
TESTED BY THIS MAP

MDI=FIXT

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EC998314 PEC-----

MAP EA44-10