

ENTRY POINTS

FROM	ENTER THIS MAP		

MAP NUMBER	ENTRY POINT	PAGE NUMBER	STEP NUMBER

EA00	A	1	001
EA02	A	1	001
EA03	A	1	001
EA04	A	1	001
EA05	A	1	001

EXIT POINTS

EXIT THIS MAP		TO	

PAGE NUMBER	STEP NUMBER	MAP NUMBER	ENTRY POINT

3	012	EA20	A
4	014	EA20	A
2	004	EA40	A

001
(ENTRY POINT A)

DISCONNECT DEVICE 4-7

THIS IS AN MDI 'MANUAL MODE' MAP.
(SEE DIAGNOSTIC SERVICE GUIDE
05.00.00).

TO USE IT: LOAD AND EXECUTE THE
MAP PROGRAM (BXXXX WHERE
XXXX=MAP#).

WHEN CE ACTION IS NEEDED DCP
HALTS AND DISPLAYS MAP # AND STEP
#. SEE THE HARD COPY MAP FOR THE
CE ACTION.

IF THE 'LOOP STEP TO STEP' OPTION
IS USED IN THIS MAP THE LOOP MUST
INCLUDE STEP 003. ALL STEPS NEED
STEP 003 FOR SETUP.

THIS MAP ASSUMES THAT A FAILURE
HAS OCCURRED IN ANOTHER MAP, AND,
THEREFORE, WILL ALWAYS IDENTIFY A
FAILING FRU.

USE ONLY WHEN INSTRUCTED TO BY
ANOTHER MAP.

DISCONNECT THE ADAPTER CARD FOR
ADDRESSES 4-7 AT THE ADAPTER CARD
(STEP 001 CONTINUES)

(STEP 001 CONTINUED)
 ON CONNECTOR J5. (CROSSOVER
 CABLE) NOTE THAT THIS MAP IS ONLY
 EXECUTED BY FAILURES ON MORE THAN
 4 DEVICE ADDRESSES.

CE RESPONSE NECESSARY.
 IS CABLE DISCONNECTED FOR DEVICE
 4-7?

MDI=\$QUES
 Y N
 |
 | 002
 |
 | GO TO PAGE 1, STEP 001,
 | ENTRY POINT A.
 | MDI=\$GOTO,TYPE=INTRNL,EP=A

003
 GO LOAD THE CONTROL STORAGE WITH
 ENGINEERING CHANGES
 RESULT= F?
 MDI=\$TUXX,TEA04,2,000F,EQ,PLNG=4,
 PARM=EA15

Y N
 |
 | 004
 |
 | GO TO MAP EA40, ENTRY POINT A.
 | MDI=\$GOTO,TYPE=XTRNL,MAP=EA40,
 | EP=A

005
 (ENTRY POINT B)
 CONNECT INTERRUPT POINTER WITH
 DCP FOR THE LOW DEVICE ADDRESSES.
 RESULT=0?
 MDI=\$TUXX,TEA3F,2,0000,EQ

Y N
 |
 | 006
 | GO TO MAP 0070
 | MDI=\$FIXT

|
 |
 |

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A
2

FPMLC MANUAL MAP

MAP EA15-3

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007

DEVICE RESET TO ATTACHED DEVICES
RESULT= 0?

MDI=\$TUXX,TEA71,2,0000,EQ

Y N

008

DEVICE RESET ERROR, EXCHANGE
CONTROLLER CARD

VERIFY THE REPAIR.

MDI=\$FIXT

009

READ ID COMMAND TO ATTACHED
DEVICES

ID= 2016?

RESULT= 0?

MDI=\$TUXX,TEA02,2,0000,EQ,PLNG=4,

PARM=2016

Y N

010

ENSURE ID PARITY JUMPERS ARE
CORRECT, EXCHANGE CONTROLLER
CARD

VERIFY THE REPAIR.

MDI=\$FIXT

011

PREPARE ALL ATTACHED DEVICES

PREPARE THE FPMLC ADAPTER.

RESULT= 0?

MDI=\$TUXX,TEA03,2,0000,EQ,PLNG=4,

PARM=0001

Y N

012

GO TO MAP EA20

GO TO MAP EA20, ENTRY POINT A.

MDI=\$CALL,TYPE=XTRNL,EP=A,

MAP=EA20

4
B

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MAP EA15-3

B
3

FPMLC MANUAL MAP

MAP EA15-4

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013

DIAGNOSTIC 1 TO ALL DEVICES

RESULT= 0?

MDI=\$TUXX,TEA1C,2,0000,EQ

Y N

014

GO TO MAP EA20

GO TO MAP EA20, ENTRY POINT A.

MDI=\$CALL,TYPE=XTRNL,EP=A,

MAP=EA20

015

DEVICE RESET TO ATTACHED DEVICES

RESULT= 0?

MDI=\$TUXX,TEA71,2,0000,EQ

Y N

016

DEVICE RESET ERROR, EXCHANGE

CONTROLLER CARD

VERIFY THE REPAIR.

MDI=\$FIXT

017

SET CONTROL/SET MODE

SET MODE 5 DATA BITS, 2 STOP
BITS, ODD PARITY

RESULT= 0

MDI=\$TUXX,TEA05,2,0000,EQ,

PLNG=19,PARM=0003/0007/008D/7F00

Y N

018

EXCHANGE ADAPTER CARD FOR

ADDRESSES 0 THROUGH 3

MDI=\$FIXT

5
C

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MAP EA15-4

D
5

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025

CHECK CONTROLLER CABLE PN 1633096
FOR CONTINUITY, SEE THE CHART.

CONTROLLER TO ADAPTER CABLE
PN 1633096

TOP OF CONNECTOR

CONTROLLER CONNECTOR		
DEVICE ADDRESS 0-3	J2	DEVICE ADDRESS 4-7
A07	A07	---
A06	A06	---
A05	A05	---
A04	A04	---
---	A03	A06
---	A02	A05
---	A01	A04
---	B01	A07

CE RESPONSE NECESSARY.
IS THE PIN CONTINUITY CORRECT?

MDI=\$QUES

Y N

026

REPAIR/ EXCHANGE CABLE PN
1633096

VERIFY THE REPAIR.

MDI=\$FIXT

027

EXCHANGE THE ADAPTER CARD FOR
DEVICE

ADDRESSES 4-7. EXCHANGE THE
CONTROLLER CARD OR CONTROLLER TO
ADAPTER CABLE PN 1633096 IF NO
REPAIR

VERIFY THE REPAIR.

MDI=\$FIXT

16APR82 PN6838122

EC326765 PEC375465