

CONTROL STORAGE LOAD ERROR MAP

MAP F104-1

FEAT#2093/2094

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ENTRY POINTS

FROM	ENTER THIS MAP		
MAP NUMBER	ENTRY POINT	PAGE NUMBER	STEP NUMBER
F103	A	1	001

EXIT POINTS

EXIT THIS MAP		TO	
PAGE NUMBER	STEP NUMBER	MAP NUMBER	ENTRY POINT
2	008	1470	A
3	018	1470	A
3	026	1470	A

001  
(ENTRY POINT A)

THIS MAP ASSUMES THAT A FAILURE HAS OCCURRED IN ANOTHER MAP, AND, THEREFORE, WILL ALWAYS IDENTIFY A FAILING FIELD REPLACEMENT UNIT. USE ONLY WHEN INSTRUCTED TO DO SO BY ANOTHER MAP.

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 001. ALL STEPS NEED STEP 001 FOR SETUP.

SET INTERRUPT POINTER FOR DCP  
RESULT=0?  
MDI=\$TUXX,TF10F,2,00C0,EQ  
Y N

002  
SET INTERRUPT POINTER ERROR, GO TO MAP C070  
MDI=\$FIXT

003  
RESET TO ALL ATTACHED DEVICES  
RESULT=0?  
MDI=\$TUXX,TF101,2,0000,EQ  
Y N

004  
(ENTRY POINT B)  
DISCONNECT THE BSCA ADAPTER CABLE AT THE CONTROLLER CARD CONNECTOR J2 (CENTER CONNECTOR). NOTE THIS MAP IS CALLED BY FAILURES IN CONTROL STORAGE LOAD MAP F103. THIS IS NOT A DIRECT ENTRY MAP.

IS THE CABLE DISCONNECTED?

\*CE RESPONSE NECESSARY.\*  
CABLE DISCONNECTED?  
MDI=\$QUES  
Y N

005  
GO TO STEP 004,  
ENTRY POINT B.  
MDI=\$GOTO,INTRNL,EP=B

006  
RESET DEVICES  
RESULT=0?  
MDI=\$TUXX,TF101,2,0000,EQ  
Y N

1 1 1

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007  
CHECK + AND - 5VDC AND 8.5 VDC

CHECK VOLTAGES SEE CHART

PIN	VOLTAGE
D03	+5 VDC
G06	-5 VDC
G11	8.5VDC
D08	GROUND

\*CE RESPONSE NECESSARY.\*  
VOLTAGES CORRECT?  
MDI=\$QUES  
Y N

008  
GO TO POWER MAP 1470 EP A.  
GO TO MAP 1470, ENTRY POINT A.  
MDI=\$FIXT

009  
EXCHANGE CONTROLLER CARD  
VERIFY THE REPAIR.  
MDI=\$FIXT

010  
EXCHANGE ADAPTER CARD/CARDS/CABLE  
VERIFY THE REPAIR.  
MDI=\$FIXT

011  
PREPARE TO LEVEL 0  
RESULT=0?  
MDI=\$TUXX,TF103,2,0000,EQ,PLNG=9,  
PARM=0001/0000  
Y N

PREPARE TO LEVEL C

012  
EXCHANGE CONTROLLER CARD  
VERIFY THE REPAIR.  
MDI=\$FIXT

013  
WRITE ENGINEERING CHANGES TO CONTROL STORAGE  
RESULT=0?  
MDI=\$TUXX,TF200,2,0000,EQ  
Y N

LOAD CONTROL STORAGE WITH ENGINEERING CHANGES

014  
(ENTRY POINT C)  
DISCONNECT THE BSCA ADAPTER CABLE AT THE  
CONTROLLER CARD CONNECTOR J2 (CENTER  
CONNECTOR).

\*CE RESPONSE NECESSARY.\*  
CABLE DISCONNECTED?  
MDI=\$QUES  
Y N

015  
GO TO STEP 014,  
ENTRY POINT C.  
MDI=\$GOTO,INTRNL,EP=C

016  
WRITE THE CONTROL STORAGE  
RESULT=0?  
MDI=\$TUXX,TF200,2,0000,EQ  
Y N

3 3 3  
D E F

D E F  
2 2 2

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017  
CHECK + AND - 5VDC AND 8.5 VDC

CHECK VOLTAGE SEE CHART

PIN	VOLTAGE
D03	+5 VDC
G06	-5 VDC
G11	8.5VDC
D08	GROUND

\*CE RESPONSE NECESSARY.\*  
VOLTAGES CORRECT?  
MDI=\$QUES  
Y N

018  
GO TO POWER MAP 1470 EP A.  
GO TO MAP 1470, ENTRY POINT A.  
MDI=\$FIXT

019  
EXCHANGE CONTROLLER CARD  
VERIFY THE REPAIR.  
MDI=\$FIXT

020  
EXCHANGE ADAPTER CARD/CARDS/CABLE  
VERIFY THE REPAIR.  
MDI=\$FIXT

021  
TEST READ CONTROL STORAGE DATA

READ CONTROL STORAGE DATA COMPARE TO DATA WRITTEN

RESULT=0?  
MDI=\$TUXX,TF136,2,0000,EQ  
Y N

022  
(ENTRY POINT D)  
DISCONNECT THE BSCA ADAPTER CABLE AT THE  
CONTROLLER CARD CONNECTOR J2 (CENTER  
CONNECTOR).

\*CE RESPONSE NECESSARY.\*  
CABLE DISCONNECTED?  
MDI=\$QUES  
Y N

023  
GO TO STEP 022,  
ENTRY POINT D.  
MDI=\$GOTO,INTRNL,EP=D

024  
READ THE CONTROL STORAGE  
RESULT=0?  
MDI=\$TUXX,TF136,2,0000,EQ  
Y N

025  
CHECK VOLTAGE

CHECK VOLTAGE, SEE CHART

PIN	VOLTAGE
D03	+5 VDC
G06	-5 VDC
G11	8.5VDC
D08	GROUND

\*CE RESPONSE NECESSARY.\*  
VOLTAGE CORRECT?  
MDI=\$QUES  
Y N

026  
GO TO POWER MAP 1470 EP A.  
GO TO MAP 1470, ENTRY POINT A.  
MDI=\$FIXT

4 4 4  
G H J

16JUL79 PN4414346  
EC375465 PEC375135  
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G H J  
3 3 3

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027  
EXCHANGE CONTROLLER CARD  
VERIFY THE REPAIR.  
MDI=\$FIXT

028  
EXCHANGE ADAPTER CARD/CONTROLLER CARD/CABLE  
VERIFY THE REPAIR.  
MDI=\$FIXT

029  
EXCHANGE CONTROLLER CARD  
VERIFY THE REPAIR.  
MDI=\$FIXT

16JUL79 PN4414346

EC375465 PEC375135

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