FEAT #2074/2075

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ENTRY POINTS

FROM MAP NUMBER	ENTER THIS MAP ENTRY POINT	PAGE NUMBER	STEP NUMBER
F003	A	1	001

001
(ENTRY POINT A)

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

CONNECT INTERRUPT POINTER WITH DCP
RESULT=0?
MDI=$TUXX,TF053,2,0000,EQ
Y N
| 002
| CONNECT INTERRUPT POINTER ERROR GO TO MAP 0070
| MDI=$FIXT

003
DEVICE RESET
RESULT= 4?
MDI=$TUXX,TF051,2,0004,EQ
Y N
| 004
| DEVICE RESET ERROR, EXCHANGE CARD
| VERIFY THE REPAIR.
| MDI=$FIXT

005
PREPARE TO LEVEL 0
RESULT= 0?
MDI=$TUXX,TF052,2,0000,EQ,PLNG=4,PARM=0001
Y N
| 006
| PREPARE LEVEL 0 ERROR, EXCHANGE CARD
| VERIFY THE REPAIR.
| MDI=$FIXT

007
(ENTRY POINT B)
DISCONNECT THE INDICATOR PANEL FROM THE CARD AT THE CARD CONNECTOR J2.

CE RESPONSE NECESSARY.
COMMUNICATIONS INDICATOR PANEL DISCONNECTED?
MDI=$QUES
Y N
| 008
| GO TO STEP 007, ENTRY POINT B.
| MDI=$GOTO,TYPE=INTRNL,EP=B

009
TEST RESULTS OF 0 IN STATUS WORD 2 STATUS WORD 2= C0?
RESULT= 0?
MDI=$TUXX,TF026,2,0000,EQ,PLNG=4,PARM=0000
Y N
| 010
| EXCHANGE THE CARD
| VERIFY THE REPAIR.
| MDI=$FIXT

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011
ON THE INDICATOR PANEL CABLE CONNECTOR, CHECK THE RESISTANCE OF THE PINS.

NOTE:
USE THE 1K OHMS SCALE AND PLACE THE POSITIVE OHMS LEAD OF THE MULTIMETER ON PIN A03. THE RESISTANCE SHOULD BE NEAR THE SAME FOR ALL THE PINS BUT NOT OPEN CIRCUIT OR SHORT CIRCUIT

FROM	TO	LAMP UNDER TEST
A03	B12	0
A03	B11	2
A03	B10	4
A03	B09	6
A03	A12	1
A03	A11	3
A03	A10	5
A03	A09	7

CE RESPONSE NECESSARY.
ALL PINS GOOD?
MDI=$QUES
Y N

012
EXCHANGE THE INDICATOR PANEL!
VERIFY THE REPAIR.
MDI=$FIXT

013
ON THE CABLE CONNECTOR CHECK FOR THE CORRECT RESISTANCE VALUE BETWEEN THE PINS, SEE TABLE.

USE THE 1K OHMS SCALE AND PLACE THE NEGATIVE OHMS LEAD OF THE MULTIMETER ON PIN A03. THE RESISTANCE SHOULD BE OPEN CIRCUIT

FROM	TO	LAMP UNDER TEST
A03	B12	0
A03	B11	2
A03	B10	4
A03	B09	6
A03	A12	1
A03	A11	3
A03	A10	5
A03	A09	7

CE RESPONSE NECESSARY.
ALL THE PINS GOOD?
MDI=$QUES
Y N

014
EXCHANGE THE INDICATOR PANEL!
VERIFY THE REPAIR.
MDI=$FIXT

015
ON THE CABLE CONNECTOR CHECK FOR CONTINUITY BETWEEN THE PINS SEE TABLE.

ENSURE ALL THE SWITCHES ARE TO THE UP POSITION AND PLACE TO THE DOWN POSITION ONLY THE SWITCH TO BE TESTED. WHEN TESTED RETURN THE SWITCH TO THE UP POSITION AND CONTINUE TESTING THE OTHER SWITCHES.

SWITCH	FROM	TO
LINE SELECT 1	A03	A04
LINE SELECT 2	A03	B04
LINE SELECT 4	A03	A05
DISPLAY/FUNCTION 1	A03	B05
DISPLAY/FUNCTION 2	A03	A06
DISPLAY/FUNCTION 4	A03	B06
DISPLAY/FUNCTION 8	A03	A07
DISPLAY/FUNCTION 16	A03	B07

CE RESPONSE NECESSARY.
ALL THE PINS GOOD?
MDI=$QUES
Y N

016
EXCHANGE THE INDICATOR PANEL
VERIFY THE REPAIR.
MDI=$FIXT

017
ON THE CABLE CONNECTOR CHECK FOR AN OPEN CIRCUIT BETWEEN THE PINS PER THE TABLE.

SWITCH	FROM	TO
LINE SELECT 1	A03	A04
LINE SELECT 2	A03	B04
LINE SELECT 4	A03	A05
DISPLAY/FUNCTION 1	A03	B05
DISPLAY/FUNCTION 2	A03	A06
DISPLAY/FUNCTION 4	A03	B06
DISPLAY/FUNCTION 8	A03	A07
DISPLAY/FUNCTION 16	A03	B07

ENSURE ALL THE SWITCHES ARE TO THE DOWN POSITION AND PLACE TO THE UP POSITION ONLY THE SWITCH TO BE TESTED. WHEN TESTED RETURN THE SWITCH TO THE DOWN POSITION AND CONTINUE TESTING THE OTHER SWITCHES.

CE RESPONSE NECESSARY.
ALL THE PINS GOOD?
MDI=$QUES
Y N

018
EXCHANGE THE INDICATOR PANEL!
VERIFY THE REPAIR.
MDI=$FIXT

019
ON THE CABLE CONNECTOR CHECK FOR CONTINUITY BETWEEN THE PINS, SEE TABLE.

SWITCH	FROM	TO
LINE SELECT 1	B01	A04
LINE SELECT 2	B01	B04
LINE SELECT 4	B01	A05
DISPLAY/FUNCTION 1	B01	B05
DISPLAY/FUNCTION 2	B01	A06
DISPLAY/FUNCTION 4	B01	B06
DISPLAY/FUNCTION 8	B01	A07
DISPLAY/FUNCTION 16	B01	B07

ENSURE ALL THE SWITCHES ARE TO THE DOWN POSITION AND PLACE TO THE UP POSITION ONLY THE SWITCH TO BE TESTED. WHEN TESTED RETURN THE SWITCH TO THE DOWN POSITION AND CONTINUE TESTING THE OTHER SWITCHES.

CE RESPONSE NECESSARY.
ALL THE PINS GOOD?
MDI=$QUES
Y N

020
EXCHANGE THE INDICATOR PANEL!
VERIFY THE REPAIR.
MDI=$FIXT

021
ON THE CABLE CONNECTOR CHECK FOR AN OPEN CIRCUIT BETWEEN THE PINS, SEE TABLE.

SWITCH	FROM	TO
LINE SELECT 1	B01	A04
LINE SELECT 2	B01	B04
LINE SELECT 4	B01	A05
DISPLAY/FUNCTION 1	B01	B05
DISPLAY/FUNCTION 2	B01	A06
DISPLAY/FUNCTION 4	B01	B06
DISPLAY/FUNCTION 8	B01	A07
DISPLAY/FUNCTION 16	B01	B07

ENSURE ALL THE SWITCHES ARE TO THE UP POSITION AND PLACE TO THE DOWN POSITION ONLY THE SWITCH TO BE TESTED. WHEN TESTED RETURN THE SWITCH TO THE UP POSITION AND CONTINUE TESTING THE OTHER SWITCHES.

CE RESPONSE NECESSARY.
ALL THE PINS GOOD?
MDI=$QUES
Y N

022
EXCHANGE THE INDICATOR PANEL.
VERIFY THE REPAIR.
MDI=$FIXT

023
(ENTRY POINT C)
RECONNECT THE INDICATOR PANEL TO THE CARD AT CONNECTOR J2

PLACE ALL THE SWITCHES TO THE OFF POSITION

CE RESPONSE NECESSARY.
INDICATOR PANEL RECONNECTED AND SWITCHES OFF?
MDI=$QUES
Y N

024

GO TO PAGE 3, STEP 023, ENTRY POINT C.
MDI=$GOTO,TYPE=INTRNL,EP=C

025
TEST INDICATOR PANEL AGAIN TEST STATUS WORD 2 FOR 00.
RESULT= 0?
MDI=$TUXX,TF026,2,0000,EQ,PLNG=4,PARM=0000
Y N

026
EXCHANGE THE COMMUNICATIONS INDICATOR PANEL
VERIFY THE REPAIR.
MDI=$FIXT

027
(ENTRY POINT D)
PLACE ALL THE SWITCHES TO THE ON POSITION

CE RESPONSE NECESSARY.
ALL SWITCHES ON?
MDI=$QUES
Y N

028

GO TO STEP 027, ENTRY POINT D.
MDI=$GOTO,TYPE=INTRNL,EP=D

029
TEST INDICATOR PANEL AGAIN TEST STATUS WORD 2 FOR FF
RESULT= 0?
MDI=$TUXX,TF026,2,0000,EQ,PLNG=4,PARM=FFFF
Y N

030
EXCHANGE THE CARD
VERIFY THE REPAIR.
MDI=$FIXT

031
(ENTRY POINT E)
PLACE THE SWITCHES TO 10101010.

CE RESPONSE NECESSARY.
SWITCHES TO AA?
MDI=$QUES
Y N

032

GO TO STEP 031, ENTRY POINT E.
MDI=$GOTO,TYPE=INTRNL,EP=E

033
TEST INDICATOR PANEL AGAIN TEST STATUS WORD 2 FOR AA
RESULT= 0?
MDI=$TUXX,TF026,2,0000,EQ,PLNG=4,PARM=AAAA
Y N

034
EXCHANGE THE CARD
VERIFY THE REPAIR.
MDI=$FIXT

035
NO FAILURE FOUND, SUSPECT RESEAT PROBLEM
MDI=$FIXT