A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

----------PRODUCT IDENTIFICATION----------

Diagnostic Package Code : MD-08-D0400-B0   Patch Level : 0   Product Date : 01-Jan-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1970

Expanded Description : Random JMP Test

----------PRODUCT COMPONENTS AFFECTED----------

----------PRODUCTS OBSOLETED----------

----------PROBLEM/DESCRIPTION----------

Product Date is actually 12-Jan-68
1st Copyright Year is actually 1968

----------SOLUTION/CORRECTION----------

----------PRODUCT CHARACTERISTICS----------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected .

Problem Reports Affected   :

Kit Number   :

----------AUTHORIZATION----------

Author	: M. Horovitz	Maintaining Group	: Diag.
Submitting Engineer	: Horovitz	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: D. Fuller
Charge Number	: V00-00000	Coordination Number	: MC0000

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-D0500-B0   Patch Level : 0   Product Date : 01-Jan-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1970

Expanded Description : Random JMP-JMS Test

------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------------

------------------------------------PRODUCTS OBSOLETED------------------------------------
------------------------------------PROBLEM/DESCRIPTION------------------------------------
Product Date is actually 12-Jan-68
1st Copyright Year is actually 1968

------------------------------------SOLUTION/CORRECTION------------------------------------

------------------------------------PRODUCT CHARACTERISTICS------------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :
------------------------------------AUTHORIZATION------------------------------------
Author   : M. Horovitz   Maintaining Group   : Diag.
Submitting Engineer   : Horovitz   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : D. Fuller
Charge Number   : V00-00000   Coordination Number   : MCOC00

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D0700-B0   Patch Level : 0   Product Date : 01-Jan-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1970

Expanded Description : Random ISZ Test

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

Product Date is actually 28-Dec-67
1st Copyright is actually 1967

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: Horovitz	Maintaining Group	: Diag.
Submitting Engineer	: Horovitz	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: D. Fuller
Charge Number	: V00-00000	Coordination Number	: MC0000

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-D1A00-C0   Patch Level : 0   Product Date : 01-Jan-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1970

Expanded Description : Memory Power On/Off Test

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Product Date is actually 16-Sep-68
1st Copright Year is actually 1968

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment : 00

Device Affected :

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---

Author   : M. Horovitz   Maintaining Group   : Diag.
Submitting Engineer   : Horovitz   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : D. Fuller
Charge Number   . V00-00000   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :　　　　　　　　　　　ECO Purpose : Change　　　　　　Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D2P00-E0　　　　Patch Level : 0　　　　　　　　Product Date : 01-Jan-70

Description :　　　　　　　　　　　　　　　　　　1ST Copyright year : 1970　　Last Copyright Year : 1974

Expanded Description : Family of 8 ASR33/35 TTY Test 1

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--
Product Date is actually 02-Feb-69
1st Copyright Year is actually 1969

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :　　　　2nd Pass :　　ACT Sequence Number :　　　　Multimedia Affected : Yes

Processors　　　　　　　　: 88 93

Operational Environment　　: 00

Device Affected :　ASR33　　　ASR35

Problem Reports Affected　　:

Kit Number　　　　　　　　:

--AUTHORIZATION--

Author	: J. Vrobel	Maintaining Group	: Diag.
Submitting Engineer	: Vrobel	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: D. Fuller
Charge Number	: V00-00000	Coordination Number	: MC0000

```
A                                      DIGITAL EQUIPMENT CORPORATION                        PAGE 1 OF 1
Component Part Number :                DIAGNOSTIC ENGINEERING CHANGE ORDER                  Form : B

Component Part Description :              ECO Purpose : New                    Approved : Yes
----------------------------------------PRODUCT IDENTIFICATION--------------------------------------------
Diagnostic Package Code : MD-08-D5F-A0    Patch Level : 0                      Product Date : 01-Jan-70

Description :                             1ST Copyright year : 1969            Last Copyright Year : 1974

Expanded Description : RF08 Multi Disk Test

-----------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------




------------------------------------------PRODUCTS OBSOLETED----------------------------------------------
------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------
Actual Product Date is 26-Mar-69




------------------------------------------SOLUTION/CORRECTION---------------------------------------------



-----------------------------------------PRODUCT CHARACTERISTICS------------------------------------------
Run Time (seconds) 1st Pass :       2nd Pass :      ACT Sequence Number :        Multimedia Affected : Yes

Processors              : 88

Operational Environment : 00

Device Affected :

Problem Reports Affected :

Kit Number              :
--------------------------------------------AUTHORIZATION-------------------------------------------------
Author                : E. Haight          Maintaining Group        : Diag.
Submitting Engineer   : E. Haight          Maintainer               : MISNER
Product Engineer      :                    Field Service Engineer   :
Manufacturing Engineer :                   Release Engineer         : D. Fuller
Charge Number         : V00-00000          Coordination Number      : MCC000
```

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-D6C-C0   Patch Level : 0   Product Date : 01-Jan-70

Description :   1ST Copyright year : 1969   Last Copyright Year : 1974

Expanded Description : Cal Comp Plotter test

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Actual Product Date is 23-Mar-69

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93 94

Operational Environment   : 00

Device Affected :   VP8I

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: R. Christopher	Maintaining Group	: Diag.
Submitting Engineer	: Christopher	Maintainer	: Vrobel
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: D. Fuller
Charge Number	: V00-00000	Coordination Number	: MC0000

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D2G00-F0   Patch Level : 0   Product Date : 28-Feb-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1974

Expanded Description : High Speed Reader Punch Test

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93 94

Operational Environment   : 00

Device Affected :   PC02   PC03

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--

Author	: R. Koller	Maintaining Group	: DIAG.
Submitting Engineer	: VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: D. FULLER
Charge Number	: V00-00000	Coordination Number	: MC0000

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION----------------------------------
Diagnostic Package Code : MD-08-D8E-A0   Patch Level : 0   Product Date : 09-Mar-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1970

Expanded Description : DC08-F + DC08H

---------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93

Operational Environment   : 00

Device Affected : DCO8F   DCO8H

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---
Author   : G. ZAGARS   Maintaining Group   : DIAG
Submitting Engineer   : G ZAGARS   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : New   Approved : Yes
-------------------------------------PRODUCT IDENTIFICATION-------------------------------------
Diagnostic Package Code : MD-08-D8F-A0   Patch Level : 0   Product Date : 09-Mar-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1970

Expanded Description : DC08 + DC08H online test

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93

Operational Environment : 00

Device Affected : DC08F   DC08H

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--
Author   : G. Zagars   Maintaining Group   : Diag.
Submitting Engineer   : Zagars   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : Fuller
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved   Yes
---PRODUCT IDENTIFICATION--------------------------------------
Diagnostic Package Code : MD-08-D8C-A0   Patch Level : 0   Product Date : 15-Jun-70

Description :   1ST Copyright year : 1967   Last Copyright Year : 1967

Expanded Description : DB8-S DATA BREAK TEST 2

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :   DB8S

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION--
Author   : B GREEN   Maintaining Group   : DIAG
Submitting Engineer   : B GREEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : MD-08-D6C-E0   Patch Level : 0   Product Date : 05-Aug-70

Description :   1ST Copyright year : 1969   Last Copyright Year : 1969

Expanded Description : KV8I DISPLAY DIAG

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93

Operational Environment   : 00

Device Affected :   KV8I

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : ESTEINBERGER   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

------PROJECT IDENTIFICATION------

Diagnostic Package Code : MU-08-DOA-A0   Patch Level : 0   Product Date : 15-Aug-70

Description :   1ST Copyright year : 1968   Last Copyright Year : 1968

Expanded Description : PDP-8I INSTRUCTION TEST 3A

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   :

------AUTHORIZATION------

Author	: B KOLLER	Maintaining Group	: DIAG
Submitting Engineer	: B KOLLER	Maintainer	: J VROBEL
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION-------

Diagnostic Package Code : MD-08-D0B-A0

Patch Level : 0

Product Date : 15-Aug-70

Description :

1ST Copyright year : 1968

Last Copyright Year : 1968

Expanded Description : PDP 8I EAE TEST

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93

Operational Environment : 00

Device Affected : KE8I

Problem Reports Affected :

Kit Number   :

------AUTHORIZATION------

Author	: B KOLLER	Maintaining Group	: DIAG
Submitting Engineer	: B KOLLER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

A

Comp

Comp

Diag

Desc

Expa

Run

Proc

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Devi

Prot

Kit

Auth
Subm
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Manu
Char

A
Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

ECO Purpose : Change   Approved : Yes
-----------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-D2C-A0   Patch Level : 0   Product Date : 19-Aug-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1970

Expanded Description : 680/I TTY RELIABILITY TEST

--PRODUCT COMPONENTS AFFECTED------------------------------------

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--------------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93

Operational Environment   : 00

Device Affected :   DL8I   680I

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : S BEEMAN   Maintaining Group   : DIAG
Submitting Engineer   : S BEEMAN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

```
A                                    DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
Component Part Number :              DIAGNOSTIC ENGINEERING CHANGE ORDER                    Form : B

Component Part Description :                   ECO Purpose : Change              Approved : Yes
-------------------------------------------------PRODUCT IDENTIFICATION----------------------------------------
Diagnostic Package Code : MD-08-D8B-A0         Patch Level : 0                   Product Date : 05-Sep-70

Description :                                  1ST Copyright year : 1967         Last Copyright Year : 1967

Expanded Description : DB8-S DATA BREAK TEST 1

------------------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------------



-----------------------------------------------PRODUCTS OBSOLETED----------------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION----------------------------------------------



-----------------------------------------------SOLUTION/CORRECTION----------------------------------------------



-----------------------------------------------PRODUCT CHARACTERISTICS------------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :     ACT Sequence Number :        Multimedia Affected : Yes

Processors               :

Operational Environment  : 00

Device Affected :  DB08S

Problem Reports Affected :

Kit Number               :
-----------------------------------------------AUTHORIZATION----------------------------------------------------
Author               : B GREEN              Maintaining Group       : DIAG
Submitting Engineer  : B GREEN              Maintainer              : J VROBEL
Product Engineer     :                      Field Service Engineer  :
Manufacturing Engineer :                    Release Engineer        : T.DAVIES
Charge Number        : V00-00000            Coordination Number     : MC0000
```

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-D2B-A0   Patch Level : 0   Product Date : 22-Sep-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1970

Expanded Description : 40 COL OPTICAL MARK CARD READER

--PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION--

-- -------------PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93

Operational Environment   : 00

Device Affected :   CM8I

Problem Reports Affected :

Kit Number   :
---AUTHORIZATION--
Author   : E BOUSE   Maintaining Group   : DIAG
Submitting Engineer   : E BOUSE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
--------------------------------------PRODUCT IDENTIFICATION-------------------------------------
Diagnostic Package Code : MD-08-D8A-D0   Patch Level : 0   Product Date : 21-Oct-70

Description :   1ST Copyright year : 1968   Last Copyright Year : 1968

Expanded Description : REAL TIME CLOCK (KW8I)

--PRODUCT COMPONENTS AFFECTED---

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93

Operational Environment : 00

Device Affected :   KW8I

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : J KELLY   Maintaining Group   : DIAG
Submitting Engineer   : KELLY   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

---PRODUCT IDENTIFICATION---

| | ECO Purpose : Change | Approved : Yes |

Diagnostic Package Code : MD-08-D5H-C0   Patch Level : 0   Product Date : 02-Nov-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1974

Expanded Description : RK8 Disk Data Reliability

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :   RK08

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: M. Sturak	Maintaining Group	: Diag.
Submitting Engineer	: M. Sturak	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: D. Fuller
Charge Number	: V00-00000	Coordination Number	: MC0000

```
A                                            DIGITAL EQUIPMENT CORPORATION                                    PAGE 1 OF 1
Component Part Number :                      DIAGNOSTIC ENGINEERING CHANGE ORDER                              Form : B
Component Part Description :                      ECO Purpose : Change                    Approved : Yes
----------------------------------------------PRODUCT IDENTIFICATION---------------------------------------------
Diagnostic Package Code : MD-08-D8D-A0            Patch Level : 0                         Product Date : 05-Nov-70
Description :                                     1ST Copyright year : 1968               Last Copyright Year : 1968
Expanded Description : 689-AG ON-LINE DIAG EXERC
-----------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------------



------------------------------------------------PRODUCTS OBSOLETED------------------------------------------------
------------------------------------------------PROBLEM/DESCRIPTION------------------------------------------------



--------------------------------------------------SOLUTION/CORRECTION---------------------------------------------



-----------------------------------------------PRODUCT CHARACTERISTICS--------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :       ACT Sequence Number :              Multimedia Affected : Yes
Processors               : 93
Operational Environment  : 00
Device Affected :   689AG
Problem Reports Affected  :
Kit Number                :
----------------------------------------------------AUTHORIZATION-------------------------------------------------
Author                   : E KENNY                    Maintaining Group       : DIAG
Submitting Engineer      : E KENNY                    Maintainer              : MISNER
Product Engineer         :                            Field Service Engineer  :
Manufacturing Engineer   :                            Release Engineer        : T.DAVIES
Charge Number            : V00-00000                  Coordination Number     : MC0000
```

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DCI-A0   Patch Level : 0   Product Date : 12-Nov-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1970

Expanded Description : ACT-8E BASIC JUM-JMS TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: B HANSEN	Maintaining Group	: DIAG
Submitting Engineer	: B HANSEN	Maintainer	: B HANSEN
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-C8-DOJ-A0   Patch Level : 0   Product Date : 12-Nov-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1970

Expanded Description : ACT-8E RANDOM JMP-JMS TEST

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

```
A
Component Part Number :                              DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
                                                   DIAGNOSTIC ENGINEERING CHANGE ORDER                          Form : B
Component Part Description :                          ECO Purpose : Change              Approved : Yes
------------------------------------------------------PRODUCT IDENTIFICATION---------------------------------------------
Diagnostic Package Code : MD-08-DD6K-CO               Patch Level : 0                   Product Date : 01-Dec-70

Description :                                         1ST Copyright year : 1970         Last Copyright Year : 1974

Expanded Description : VC8I, 34D DISPLAY TEST

-----------------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------------




-----------------------------------------------------PRODUCTS OBSOLETED-------------------------------------------------
-----------------------------------------------------PROBLEM/DESCRIPTION------------------------------------------------




-----------------------------------------------------SOLUTION/CORRECTION------------------------------------------------



---------   ------------------------------------------PRODUCT CHARACTERISTICS-------------------------------------------
Run Time (seconds) 1st Pass :              2nd Pass :      ACT Sequence Number :        Multimedia Affected : Yes

Processors                    : 93

Operational Environment       : 00

Device Affected :   VC8I

Problem Reports Affected      :

Kit Number                    :
-----------------------------------------------------------AUTHORIZATION------------------------------------------------
Author                  : J Kelley              Maintaining Group        : DIAG
Submitting Engineer     : J Kelley              Maintainer               : MISNER
Product Engineer        :                       Field Service Engineer   :
Manufacturing Engineer  :                       Release Engineer         : T Davies
Charge Number           : V00-00000             Coordination Number      : MC0000
```

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DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D5K-B0   Patch Level : 0   Product Date : 18-Dec-70

Description :   1ST Copyright year : 1970   Last Copyright Year : 1974

Expanded Description : RK8 Disk Formatter

--PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :   RK08

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : F. Haight   Maintaining Group   : Diag.
Submitting Engineer   : Haight   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : D. Fuller
Charge Number   : V00-00000   Coordination Number   : MC0000

```
A                                          DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
Component Part Number :                    DIAGNOSTIC ENGINEERING CHANGE ORDER                    Form : B

Component Part Description :               ECO Purpose : Change              Approved : Yes
--------------------------------------------PRODUCT IDENTIFICATION------------- -------------------------------
Diagnostic Package Code : MD-08-D1K00-B0   Patch Level : 0                    Product Date : 02-Feb-71

Description :                              1ST Copyright year : 1971          Last Copyright Year : 1974

Expanded Description : KP8I/KR01 Power Fail Test

--------------------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------------




--------------------------------------------------PRODUCTS OBSOLETED---------------------------------------------------
--------------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------------




------------------------------------------------SOLUTION/CORRECTION-----------------------------------------------



-------------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------------------
Run Time (seconds) 1st Pass :          2nd ... :       ACT Sequence Number :          Multimedia Affected : Yes

Processors                 : 93

Cperational Environment    : 00

Device Affected :   KP8I      KR01

Problem Reports Affected   :

Kit Number                 :
------------------------------------------------------AUTHORIZATION---------------------------------
Author                     : B. Heavey              Maintaining Group        : Diag.
Submitting Engineer        : Heavey                 Maintainer               : MISNER
Product Engineer           :                        Field Service Engineer   :
Manufacturing Engineer     :                        Release Engineer         : D. Fuller
Charge Number              : VOC-00000              Coordination Number      : MC0000
```

A

Component Part Number :

Component Part Description :

ECO Purpose : New   Approved : Yes
---------------------------------PRODUCT IDENTIFICATION---------------------------------
Diagnostic Package Code : MD-08-D1M-A0   Patch Level : 0   Product Date : 16-Feb-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1974

Expanded Description : Memory Address Test

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment : 00

Device Affected :

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---
Author   : B. Hansen   Maintaining Group   : Diag.
Submitting Engineer   : B. Hansen   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : D. Fuller
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

PAGE 1 OF 1
Form : B

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DON-A0

Patch Level : 0

Product Date : 25-Mar-71

Description :

1ST Copyright year : 1971

Last Copyright Year : 1971

Expanded Description : ACT-8E JMP SELF TEST

---PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   :

Device Affected :   MM8E   MM8EJ   MM8EH

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION---

Author	: C CAMPBELL	Maintaining Group	: DIAG
Submitting Engineer	: C CAMPBELL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--------------------------------------
Diagnostic Package Code : MD-08-D1U-A0   Patch Level : 0   Product Date : 25-Mar-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : ACT-8E MM8-E 4K CHECKERBOARD MODULE FOR 32K

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS--------------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION--
Author   : V FREY   Maintaining Group   : DIAG
Submitting Engineer   : V FREY   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-DJA-AO

Patch Level : 0

Product Date : 29-Apr-71

Description :

1ST Copyright year : 1971

Last Copyright Year : 1971

Expanded Description : ACT-8E FOCAL 69 FOR ACT-8/E

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   :

Device Affected :   ACT8E

Problem Reports Affected :

Kit Number   :

------AUTHORIZATION------

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DSA-A0   Patch Level : 0   Product Date : 29-Apr-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : ACT-8E SYMBOLIC EDITOR FOR ACT-8E

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : OO

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : L BEYERSDOFER   Maintaining Group   : DIAG
Submitting Engineer   : L BEYERSDOFER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-0000C   Coordination Number   : MC0000

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-DSC-A0   Patch Level : 0   Product Date : 29-Apr-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : ACT-8E PAL IT1 FOR ACT8/E

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   :

Device Affected :   ACT8E

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : L. BEYERSDORFER   Maintaining Group   : DIAG
Submitting Engineer   : L. BEYERSDOFER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A
Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DOG-CO   Patch Level : 0   Product Date : 11-Jun-71

Description :   1ST Copyright year : 1971 Last Copyright Year : 1971

Expanded Description : RANDOM DCA TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---------------------------PRODUCT CHARACTERISTICS---------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---------------------------------------
Diagnostic Package Code : MD-08-D6A-B0   Patch Level : 0   Product Date : 18-Jun-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : PLOTTER CONTROL + DISPLAY (XY8E)

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :   XY8E

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---
Author   : BEYERSDOFER   Maintaining Group   : DIAG
Submitting Engineer   : L BEYERSDOFER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DOF-CO   Patch Level : 0   Product Date : 11-Jul-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : RANDOM ISZ TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DOH-C0   Patch Level : 0   Product Date : 11-Jul-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : RANDOM JMP TEST

---PRODUCT COMPONENTS AFFECTED-------------   -------------------------------

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment : 00

Device Affected :

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-D1G-A0   Patch Level : 0   Product Date : 11-Jul-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : PDP-8E MEMORY POWER ON/OFF TEST

--PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: B HANSEN	Maintaining Group	: DIAG
Submitting Engineer	: B HANSEN	Maintainer	: B HANSEN
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-D2D-B0   Patch Level : 0   Product Date : 30-Sep-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : 40 COLUMN OPTICAL MARK CARD READER TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   :

Device Affected :   CM8E

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION---
Author   : B HEAVEY   Maintaining Group   : DIAG
Submitting Engineer   : B HEAVEY   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   MC0000

A

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-D9B-A0   Patch Level : 0   Product Date : 08-Oct-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : INSTRUCTION TEST PART 2

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED---

-- ...... ---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :   PMK01

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: B HANSEN	Maintaining Group	: DIAG
Submitting Engineer	: B HANSEN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

Component Part Number :

Component Part Description :

	DIGITAL EQUIPMENT CORPORATION	
	DIAGNOSTIC ENGINEERING CHANGE ORDER	

ECO Purpose : Change   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-D9C-A0   Patch Level : 0   Product Date : 08-Oct-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : ADDRESS TEST

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :   PMK01

Problem Reports Affected   :

Kit Number   :

------AUTHORIZATION------

Author	: B HANSEN	Maintaining Group	: DIAG
Submitting Engineer	: B HANSEN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-D9K-A0   Patch Level : 0   Product Date : 08-Oct-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : MEMORY ADDRESS TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :   MM8E   PMK01   MM8EH   MM8EJ

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION---
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DD9A-D0   Patch Level : 0   Product Date : 14-Oct-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1974

Expanded Description : DATA RELIABILITY TEST (7TRACK) (TC58)

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   TC58   TU20   TU10

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : M Sturak   Maintaining Group   : DIAG
Submitting Engineer   : M STURAK   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

```
A
Component Part Number :                              DIGITAL EQUIPMENT CORPORATION                         PAGE 1 OF 1
                                                   DIAGNOSTIC ENGINEERING CHANGE ORDER                      Form : B
Component Part Description :                          ECO Purpose : Change                    Approved : Yes
---------------------------------------------------PRODUCT IDENTIFICATION-------------------------------------------------
Diagnostic Package Code : MD-08-D9A-A0                Patch Level : 0                          Product Date : 18-Oct-71

Description :                                         1ST Copyright year : 1971               Last Copyright Year : 1971

Expanded Description : INSTRUCTION TEST PART 1

------------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------------------




------------------------------------------------------PRODUCTS OBSOLETED--------------------------------------------------
------------------------------------------------------PROBLEM/DESCRIPTION-------------------------------------------------




-----------------------------------------------------SOLUTION/CORRECTION--------------------------------------------------



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----------------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------------------
Run Time (seconds) 1st Pass :           2nd Pass :        ACT Sequence Number :            Multimedia Affected : Yes

Processors                : 89

Operational Environment   : 00

Device Affected :   PMK01

Problem Reports Affected   :

Kit Number                 :
----------------------------------------------------------AUTHORIZATION---------------------------------------------------
Author                  : B HANSEN                      Maintaining Group         : DIAG
Submitting Engineer     : B HANSEN                      Maintainer                : MISNER
Product Engineer        :                               Field Service Engineer    :
Manufacturing Engineer  :                               Release Engineer          : T.DAVIES
Charge Number           : V00-00000                     Coordination Number       : MC0000
```

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A
Component Part Number :                          DIGITAL EQUIPMENT CORPORATION                    PAGE 1 OF 1
                                              DIAGNOSTIC ENGINEERING CHANGE ORDER                  Form : B
Component Part Description :                         ECO Purpose : Change                  Approved : Yes
--------------------------------------------------PRODUCT IDENTIFICATION----------------------------------
Diagnostic Package Code : MD-08-DOP-CO              Patch Level : 0                     Product Date : 27-Oct-71
Description :                                       1ST Copyright year : 1971           Last Copyright Year : 1971
Expanded Description : DB8-E INTERPROCESSOR BUFFER
-------------------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------




-----------------------------------------------PRODUCTS OBSOLETED-----------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION----------------------------------------




-----------------------------------------------SOLUTION/CORRECTION----------------------------------------



-------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :       ACT Sequence Number :            Multimedia Affected : Yes
Processors                : 89
Operational Environment   : 00
Device Affected :   DB8E
Problem Reports Affected  :
Kit Number                :
-------------------------------------------------AUTHORIZATION--------------------------------------------
Author                    : B HANSEN              Maintaining Group        : DIAG
Submitting Engineer       : B HANSEN              Maintainer               : MISNER
Product Engineer          :                       Field Service Engineer   :
Manufacturing Engineer    :                       Release Engineer         : T.DAVIES
Charge Number             : V00-00000             Coordination Number      : MC0000
```

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D5J-B0   Patch Level : 0   Product Date : 15-Nov-71

Description :   1ST Copyright year : 1971   Last Copyright Year : 1974

Expanded Description : RK8 Disk & Control Instr Test

--PRODUCT COMPONENTS AFFECTED--------------------------------------

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION--

This program obsoleted by md-08-dirka-a

---SOLUTION/CORRECTION--

history starts at rev b

--PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :   RK08

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: M. Sturak	Maintaining Group	: Diag.
Submitting Engineer	: M. Sturak	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: D. Fuller
Charge Number	: V00-00000	Coordination Number	: MC0000

```
                                        DIGITAL EQUIPMENT CORPORATION                        PAGE 1 OF 1
Component Part Number :                  DIAGNOSTIC ENGINEERING CHANGE ORDER                   Form : B

Component Part Description :                     ECO Purpose : Change              Approved : Yes
---------------------------------------------PRODUCT IDENTIFICATION---------------------------------------
Diagnostic Package Code : MD-08-DW1-B0           Patch Level : 0                   Product Date : 21-Nov-71

Description :                                    1ST Copyright year : 1971         Last Copyright Year : 1971

Expanded Description : ACT-8E AUTO MESSAGE
-----------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------




-----------------------------------------------PRODUCTS OBSOLETED----------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION---------------------------------------




-----------------------------------------------SOLUTION/CORRECTION---------------------------------------



------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :          Multimedia Affected : Yes

Processors                 : 98

Operational Environment    :

Device Affected :

Problem Reports Affected    :

Kit Number                  :
-----------------------------------------------AUTHORIZATION---------------------------------------------
Author                    : J VROBEL                  Maintaining Group        : DIAG
Submitting Engineer       : J VROBEL                  Maintainer               : MISNER
Product Engineer          :                           Field Service Engineer   :
Manufacturing Engineer    :                           Release Engineer         : T.DAVIES
Charge Number             : V00-00000                 Coordination Number      : MC0000
```

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DJY-B0

Patch Level : 0

Product Date : 23-Nov-71

Description :

1ST Copyright year : 1971

Last Copyright Year : 1971

Expanded Description : ACT 8E FOCAL 71 FOR ACT 8/E

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-D1I-BO   Patch Level : 0   Product Date : 01-Jan-72

Description :   1ST Copyright year : 1972   Last Copyright Year : 1972

Expanded Description : M18-E BOOTSTRAP DIAG

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91

Operational Environment   : 00

Device Affected :   MI8E

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--
Author   : J VROBEL   Maintaining Group   : J VROBEL
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A
Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DIRFA-A0   Patch Level : 0   Product Date : 25-Jan-72

Description :   1ST Copyright year : 1972   Last Copyright Year : 1972

Expanded Description : DEC/X8 MODULE 'RF08DS''

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93 94 89 12

Operational Environment   : 40

Device Affected :   RF08

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION--
Author   : L.Beyersdofer   Maintaining Group   : DIAG
Submitting Engineer   : L. Beyersdofer   Maintainer   : J. Vrobel
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T. Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DOL-BO   Patch Level : 0   Product Date : 09-Feb-72

Description :   1ST Copyright year : 1972   Last Copyright Year : 1972

Expanded Description : FAE INSTRUCTION TEST 1

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :   KE8E

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--
Author   : E FORTMILLER   Maintaining Group   : DIAG
Submitting Engineer   : E FORTMILLER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V97-04518   Coordination Number   : MC0668

```
A                                                                                                       PAGE 1 OF 1
                                           DIGITAL EQUIPMENT CORPORATION
Component Part Number :                    DIAGNOSTIC ENGINEERING CHANGE ORDER                          Form : B

Component Part Description :                        ECO Purpose : Change                 Approved : Yes
--------------------------------------------------PRODUCT IDENTIFICATION--------------------------------------------
Diagnostic Package Code : MD-08-DHMRA-A0           Patch Level : 0                       Product Date : 18-Mar-72

Description :                                       1ST Copyright year : 1972            Last Copyright Year : 1972

Expanded Description : ROM CONTENTS

------------------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------------------




-----------------------------------------------------PRODUCTS OBSOLETED----------------------------------------------
-----------------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------




---------------------------------------------------SOLUTION/CORRECTION-----------------------------------------------




--------------------------------------------------PRODUCT CHARACTERISTICS--------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :      ACT Sequence Number :            Multimedia Affected : Yes

Processors                : 89

Operational Environment   : 00

Device Affected :   MR8E

Problem Reports Affected  :

Kit Number                :
--------------------------------------------------------AUTHORIZATION------------------------------------------------
Author                  : C CONLEY                 Maintaining Group       : DIAG
Submitting Engineer     : C CONLEY                 Maintainer              : MISNER
Product Engineer        :                          Field Service Engineer  :
Manufacturing Engineer  :                          Release Engineer        : T.DAVIES
Charge Number           : V00-00000                Coordination Number     : MC0000
```

```
Component Part Number :                        DIGITAL EQUIPMENT CORPORATION
                                           DIAGNOSTIC ENGINEERING CHANGE ORDER
Component Part Description :                    ECO Purpose : Change                 Approved : Yes
-----------------------------------------------PRODUCT IDENTIFICATION-------------------------------------------------
Diagnostic Package Code : MD-08-DIKLA-A0        Patch Level : 0                      Product Date : 03-Apr-72

Description :                                   1ST Copyright year : 1972            Last Copyright Year : 1972

Expanded Description : DEC/X8 MODULE 'MULTTY'

-----------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------------




-----------------------------------------------PRODUCTS OBSOLETED----------------------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------------




-----------------------------------------------SOLUTION/CORRECTION---------------------------------------------------




-----------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :      ACT Sequence Number :         Multimedia Affected : Yes

Processors              : 93 94 88 90 91 12

Operational Environment : 40

Device Affected :  KL8E     KL8J

Problem Reports Affected :

Kit Number              :
-----------------------------------------------AUTHORIZATION---------------------------------------------------------
Author                  : L. Beyersdofer          Maintaining Group      : DIAG
Submitting Engineer     : L. Beyersdofer          Maintainer             : J Vrobel
Product Engineer        :                         Field Service Engineer :
Manufacturing Engineer  :                         Release Engineer       : T. Davies
Charge Number           : V00-00000               Coordination Number    : MC0000
```

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
----------------------------------PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHKLD-A0   Patch Level : 0   Product Date : 06-Apr-72

Description :   1ST Copyright year : 1972   Last Copyright Year : 1972

Expanded Description : 8E TTY +KL8 ASYNC DATA CONT

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91

Operational Environment   : 00

Device Affected :   KL8   ASR33

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : E FORTMILLER   Maintaining Group   : DIAG
Submitting Engineer   : E FORTMILLER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
-------------------------------------PRODUCT IDENTIFICATION-------------------------------------
Diagnostic Package Code : MD-08-DILPD-A0   Patch Level : 0   Product Date : 30-Aug-72

Description :   1ST Copyright year : 1972   Last Copyright Year : 1972

Expanded Description : LP08/F VERTICAL FORMAT DIAG

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 12

Operational Environment   : 00

Device Affected :   LP08

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION---
Author   : R BARNES   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

------------------------------------PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : MD-08-DHVTA-A0   Patch Level : 0   Product Date : 04-Dec-72

Description :   1ST Copyright year : 1972   Last Copyright Year : 1972

Expanded Description : DEC/X8 MODULE 'VT8E''

------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------------

------------------------------------PRODUCTS OBSOLETED------------------------------------

------------------------------------PROBLEM/DESCRIPTION------------------------------------

------------------------------------SOLUTION/CORRECTION------------------------------------

------------------------------------PRODUCT CHARACTERISTICS------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 94 93 88 12

Operational Environment   : 40

Device Affected :   VT8E

Problem Reports Affected   :

Kit Number   :

------------------------------------AUTHORIZATION------------------------------------

Author	: L Beyersdorfer	Maintaining Group	: DIAG
Submitting Engineer	: L Beyersdofer	Maintainer	: J Vrobel
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T Davies
Charge Number	: V00-00000	Coordination Number	: M00000

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-DIQBA-CO   Patch Level : 0   Product Date : 21-Jan-73

Description :   1ST Copyright year : 1973   Last Copyright Year : 1973

Expanded Description : FAMILY of 8 System Exerciser dectape kit

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92 93 94

Operational Environment   : 40

Device Affected :   TC01   TU56   TC08   TU55   TD8E

Problem Reports Affected   :

Kit Number   :

------AUTHORIZATION------

Author	: L. BEYERSDOFL.	Maintaining Group	: DIAG
Submitting Engineer	: L. Beyersdofer	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T. Davies
Charge Number	: V00-00000	Coordination Number	: MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------PRODUCT IDENTIFICATION------------------------------
Diagnostic Package Code : MD-08-DILTC-A0   Patch Level : 0   Product Date : 22-Jan-73

Description :   1ST Copyright year : 1973   Last Copyright Year : 1973

Expanded Description : PHOTOCOMP INTERFACE DIAG

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 93 94

Operational Environment : 00

Device Affected :   LPC8

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : E. BOUSE   Maintaining Group   : DIAG
Submitting Engineer   : E. BOUSE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T. DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHLAA-A0   Patch Level : 0   Product Date : 16-Feb-73

Description :   1ST Copyright year : 1973   Last Copyright Year : 1974

Expanded Description : DECWRITER CONTROL EXERCISER

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   LA30

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : M STURAK   Maintaining Group   : DIAG
Submitting Engineer   : M STURAK   Maintainer   : J VROBEL
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DHKAB-A0   Patch Level : ()   Product Date : 12-Mar-73

Description :   1ST Copyright year : 1973   Last Copyright Year : 1973

Expanded Description : RANDOM AND TEST

--PRODUCT COMPONENTS AFFECTED-------------------------------------

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment : 00

Device Affected :

Problem Reports Affected :

Kit Number   :
--AUTHORIZATION---
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DITCC-A0   Patch Level : 0   Product Date : 22-Mar-73

Description :   1ST Copyright year : 1973   Last Copyright Year : 1973

Expanded Description : TC58 RANDOM EXERCISER

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected : TC58   TU20   TU10

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : B HEAVEY   Maintaining Group   : DIAG
Submitting Engineer   : B HEAVEY   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-DITCD-A0   Patch Level : 0   Product Date : 26-Apr-73

Description :   1ST Copyright year : 1973   Last Copyright Year : 1973

Expanded Description : INSTRUCTION TEST PART 1 (TC58)

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   TC58   TU10   TU20

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION---
Author   : M STURAK   Maintaining Group   : DIAG
Submitting Engineer   : M STURAK   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : New   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-DHTMC-A0   Patch Level : 0   Product Date : 16-Jul-73

Description :   1ST Copyright year : 1973   Last Copyright Year : 1973

Expanded Description : DHTMCA0 TM8E DRIVE FUNCTION TIMER

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHTMC-A-D		DHTMC-A-PB					

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

THE PROGRAM TIMES THE VARIOUS FUNCTIONS OF THE
TU-10 VIA THE TM8-E MAGTAPE INTERFACE.

---SOLUTION/CORRECTION---

N/A

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :   TM8-E

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: M. HARE	Maintaining Group	: PRO ENH
Submitting Engineer	: M. HARE	Maintainer	: MISNER
Product Engineer	: G. LORD	Field Service Engineer	: C. CLINE
Manufacturing Engineer	: D. PARENT	Release Engineer	: S. DUMDEY
Charge Number	: V000-00000	Coordination Number	: MC0528

```
A                                    DIGITAL EQUIPMENT CORPORATION                        PAGE 1 OF 1
Component Part Number :              DIAGNOSTIC ENGINEERING CHANGE ORDER                    Form : B

Component Part Description :                    ECO Purpose : Change            Approved : Yes
------------------------------------------------PRODUCT IDENTIFICATION----------------------------------------------
Diagnostic Package Code : MD-08-DIADF-A0        Patch Level : 0                  Product Date : 21-Mar-74

Description :                                   1ST Copyright year : 1974        Last Copyright Year : 1974

Expanded Description : ADU01 DIAG

------------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------------------




------------------------------------------------PRODUCTS OBSOLETED----------------------------------------------
------------------------------------------------PROBLEM/DESCRIPTION----------------------------------------------




------------------------------------------------SOLUTION/CORRECTION----------------------------------------------




------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :       Multimedia Affected : Yes

Processors                : 88

Operational Environment   : 00

Device Affected :   ADV01

Problem Reports Affected  :

Kit Number                :
------------------------------------------------AUTHORIZATION----------------------------------------------
Author                    : J VROBEL           Maintaining Group        : DIAG
Submitting Engineer       : J VROBEL           Maintainer               : MISNER
Product Engineer          :                    Field Service Engineer   :
Manufacturing Engineer    :                    Release Engineer         : T.DAVIES
Charge Number             : V46-06845          Coordination Number      : MC0515
```

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
----------------------------------PRODUCT IDENTIFICATION----------------------------------
Diagnostic Package Code : MD-08-DIAFB-A0   Patch Level : 0   Product Date : 21-Mar-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : AFC8 DIAGNOSTICS

----------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------

----------------------------------PRODUCTS OBSOLETED----------------------------------
----------------------------------PROBLEM/DESCRIPTION----------------------------------

----------------------------------SOLUTION/CORRECTION----------------------------------

----------------------------------PRODUCT CHARACTERISTICS----------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93 94

Operational Environment   : 00

Device Affected :   AFC8

Problem Reports Affected   :

Kit Number   :

----------------------------------AUTHORIZATION----------------------------------
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

Diagnostic Package Code : MD-08-DUF-B0

Description :

Expanded Description : TC01 DECTAPE FORMATTER

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Patch Level : 0		Product Date : 10-Apr-74
1ST Copyright year : 1974		Last Copyright Year : 1974

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   TC01   TU56   TC08   TU55

Problem Reports Affected   :

Kit Number   :

------AUTHORIZATION------

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

A

Component Part Number :

Component Part Description :

Diagnostic Package Code : MD-08-DD6H-AO

Description :

Expanded Description : A/D DIAGNOSTICS AND DEMO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
------------------------------PRODUCT IDENTIFICATION------------------------------
Patch Level : 0   Product Date : 15-Apr-74

1ST Copyright year : 1974   Last Copyright Year : 1974

------------------------------PRODUCT COMPONENTS AFFECTED------------------------------

------------------------------PRODUCTS OBSOLETED------------------------------
------------------------------PROBLEM/DESCRIPTION------------------------------

------------------------------SOLUTION/CORRECTION------------------------------

------------------------------PRODUCT CHARACTERISTICS------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : OO

Device Affected :   AF04A

Problem Reports Affected   :

Kit Number   :

------------------------------AUTHORIZATION------------------------------
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T DAVIES
Charge Number   : V00-00000   Coordination Number   : MC00G0

A

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHMCA-A0

Patch Level : 0

Product Date : 15-Apr-74

Description :

1ST Copyright year : 1974

Last Copyright Year : 1974

Expanded Description : PDP-8E MEM EXT AND T.S. CONTROL TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment : 00

Device Affected :   KM8E

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: J VROBEL
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V18-06806	Coordination Number	: MC1032

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION-------------------------------------
Diagnostic Package Code : MD-08-D11-J0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : PDP-8S MEMORY ADDRESS TEST

---PRODUCT COMPONENTS AFFECTED---

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D15-A0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : PDP-8S 4K SENSE AMPLIFIER TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D8A-AO   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : TIME SHARING 8 OPTION TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment : 00

Device Affected :   196A   196B   196C

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : J VROBEL
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Comp

Comp

Diag

Desc

Expa

Run

Proc

Oper

Devi

Prob

Kit

Auth
Subm
Proc
Manu
Char

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A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D9D-A0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : RANDOM AND TEST

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment : 00

Device Affected :   PMK01

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION--
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

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A                                        DIGITAL EQUIPMENT CORPORATION                         PAGE 1 OF 1
Component Part Number :                  DIAGNOSTIC ENGINEERING CHANGE ORDER                   Form : B

Component Part Description :                  ECO Purpose : Change                 Approved : Yes
--------------------------------------------PRODUCT IDENTIFICATION-----------------------------------------
Diagnostic Package Code : MD-08-D9E-A0        Patch Level : 0                      Product Date : 21-Apr-74

Description :                                 1ST Copyright year : 1974            Last Copyright Year : 1974

Expanded Description : RANDOM AND TEST

-------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------




--------------------------------------------PRODUCTS OBSOLETED----------------------------------------------
--------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------




--------------------------------------------SOLUTION/CORRECTION---------------------------------------------



-----------------------------------------PRODUCT CHARACTERISTICS-------------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :         Multimedia Affected : Yes

Processors               : 89

Operational Environment  : 00

Device Affected :   PMK01

Problem Reports Affected  :

Kit Number               :
-------------------------------------------------AUTHORIZATION----------------------------------------------
Author                 : B HANSEN          Maintaining Group       : B HANSEN
Submitting Engineer    : B HANSEN          Maintainer              : MISNER
Product Engineer       :                   Field Service Engineer  :
Manufacturing Engineer :                   Release Engineer        : T.DAVIES
Charge Number          : V00-00000         Coordination Number     : MC0000
```

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D9F-A0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : RANDOM ISI TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment : 00

Device Affected :   PMK01

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---

Author	: B HANSEN	Maintaining Group	: DIAG
Submitting Engineer	: B HANSEN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-D9G-A0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : RAND DOM DCA TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :   PMK01

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION---
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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A
                                              DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                       DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B
Component Part Description :                       ECO Purpose : Change              Approved : Yes
------------------------------------------------PRODUCT IDENTIFICATION---------------------------------------------
Diagnostic Package Code : MD-08-D9H-A0             Patch Level : 0                   Product Date : 21-Apr-74
Description :                                      1ST Copyright year : 1974         Last Copyright Year : 1974
Expanded Description : RANDOM JMP TEST
-----------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------------


-----------------------------------------------------PRODUCTS OBSOLETED--------------------------------------------
-----------------------------------------------------PROBLEM/DESCRIPTION-------------------------------------------



------------------------------------------------------SOLUTION/CORRECTION------------------------------------------


----------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :        ACT Sequence Number :            Multimedia Affected : Yes
Processors                 : 89
Operational Environment    : 00
Device Affected :   PMK01
Problem Reports Affected   :
Kit Number                 :
--------------------------------------------------------AUTHORIZATION----------------------------------------------
Author                 : B HANSEN              Maintaining Group        : DIAG
Submitting Engineer    : B HANSEN              Maintainer               : MISNER
Product Engineer       :                       Field Service Engineer   :
Manufacturing Engineer :                       Release Engineer         : T.DAVIES
Charge Number          : V00-00000             Coordination Number      : MC0000
```

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A                                        DIGITAL EQUIPMENT CORPORATION                        PAGE 1 OF 1
Component Part Number :                  DIAGNOSTIC ENGINEERING CHANGE ORDER                  Form : B

Component Part Description :                    ECO Purpose : Change              Approved : Yes
-----------------------------------------------PRODUCT IDENTIFICATION-----------------------------------------
Diagnostic Package Code : MD-08-D9J-A0          Patch Level : 0                   Product Date : 21-Apr-74

Description :                                   1ST Copyright year : 1974         Last Copyright Year : 1974

Expanded Description : RANDOM JMP-JMS TEST

-------------------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------------




-------------------------------------------------PRODUCTS OBSOLETED---------------------------------------------
-------------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------




-------------------------------------------------SOLUTION/CORRECTION---------------------------------------------



-----------------------------------------------PRODUCT CHARACTERISTICS------------------------------------------
Run Time (seconds) 1st Pass :           2nd Pass :      ACT Sequence Number :       Multimedia Affected : Yes

Processors                 : 89

Operational Environment    : 00

Device Affected :   PMK01

Problem Reports Affected   :

Kit Number                 :
--------------------------------------------------AUTHORIZATION--------------------------------------------------
Author                 : B HANSEN              Maintaining Group      : DIAG
Submitting Engineer    : B HANSEN              Maintainer             : MISNER
Product Engineer       :                       Field Service Engineer :
Manufacturing Engineer :                       Release Engineer       : T.DAVIES
Charge Number          : V00-00000             Coordination Number    : MC0000
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A
                                        DIGITAL EQUIPMENT CORPORATION                        PAGE 1 OF 1
Component Part Number :                 DIAGNOSTIC ENGINEERING CHANGE ORDER                   Form : B

Component Part Description :            ECO Purpose : Change                  Approved : Yes
---------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-D9M-A0  Patch Level : 0                       Product Date : 21-Apr-74

Description :                           1ST Copyright year : 1974             Last Copyright Year : 1974

Expanded Description : PMK-01 KP8E POWER FAIL TEST

-----------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------



-----------------------------------------PRODUCTS OBSOLETED--------------------------------------------
-----------------------------------------PROBLEM/DESCRIPTION-------------------------------------------




-----------------------------------------SOLUTION/CORRECTION-------------------------------------------



-----------------------------------------PRODUCT CHARACTERISTICS---------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :      Multimedia Affected : Yes

Processors                 : 89

Operational Environment    : 00

Device Affected :   KP8E      PMK01

Problem Reports Affected   :

Kit Number                 :
-----------------------------------------AUTHORIZATION-------------------------------------------------
Author                  : B HANSEN            Maintaining Group        : DIAG
Submitting Engineer     : B HANSEN            Maintainer               : MISNER
Product Engineer        :                     Field Service Engineer   :
Manufacturing Engineer  :                     Release Engineer         : T.DAVIES
Charge Number           : V00-00000           Coordination Number      : MC0000
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A                                         DIGITAL EQUIPMENT CORPORATION                           PAGE 1 OF 1
Component Part Number :                   DIAGNOSTIC ENGINEERING CHANGE ORDER                     Form : B

Component Part Description :              ECO Purpose : Change              Approved : Yes
-------------------------------------------PRODUCT IDENTIFICATION---------------------------------------------
Diagnostic Package Code : MD-08-D9N-A0    Patch Level : 0                   Product Date : 21-Apr-74

Description :                             1ST Copyright year : 1974         Last Copyright Year : 1974

Expanded Description : MEMORY POWER ON/OFF TEST

---------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------------




-----------------------------------------------PRODUCTS OBSOLETED---------------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------




-----------------------------------------------SOLUTION/CORRECTION---------------------------------------------



--------------------------------------------PRODUCT CHARACTERISTICS------------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :           Multimedia Affected : Yes

Processors               : 89

Operational Environment  : 00

Device Affected :   MM8E       MM8EJ     MM8EH      PMK01

Problem Reports Affected :

Kit Number               :
--------------------------------------------------AUTHORIZATION-----------------------------------------------
Author                : B HANSEN                    Maintaining Group        : DIAG
Submitting Engineer   : B HANSEN                    Maintainer               : MISNER
Product Engineer      :                             Field Service Engineer   :
Manufacturing Engineer :                            Release Engineer         : T.DAVIES
Charge Number         : V00-00000                   Coordination Number      : MC0000
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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-D9P-A0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : JMP SELF TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :   MM8E   MM8EJ   MM8EH   PMK01

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engin er :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :                                    DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
                                                       DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B
Component Part Description :                           ECO Purpose : Change                    Approved : Yes
-----------------------------------------------------PRODUCT IDENTIFICATION--------------------------------------------------
Diagnostic Package Code : MD-08-D9Q-A0                 Patch Level : 0                         Product Date : 21-Apr-74
Description :                                          1ST Copyright year : 1974               Last Copyright Year : 1974
Expanded Description : IOT AND DATA TEST 6701
----------------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------------



-------------------------------------------------------PRODUCTS OBSOLETED-------------------------------------------------
-------------------------------------------------------PROBLEM/DESCRIPTION-------------------------------------------------



-------------------------------------------------------SOLUTION/CORRECTION-------------------------------------------------



---------------------------------------------------PRODUCT CHARACTERISTICS-------------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :      ACT Sequence Number :              Multimedia Affected : Yes
Processors              : 88
Operational Environment : 00
Device Affected :  DP01A
Problem Reports Affected :
Kit Number              :
-----------------------------------------------------------AUTHORIZATION---------------------------------------------------
Author                 : J VROBEL                     Maintaining Group      : DIAG
Submitting Engineer    : J VROBEL                     Maintainer             : MISNER
Product Engineer       :                              Field Service Engineer :
Manufacturing Engineer :                              Release Engineer       : T.DAVIES
Charge Number          : V00-00000                    Coordination Number    : MC0000
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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DD4A-B0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : 8/I, 8 BASIC PARITY CHECKERBOARD

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93

Operational Environment   : 00

Device Affected :   MP8   MP8I

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

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A                                    DIGITAL EQUIPMENT CORPORATION                        PAGE 1 OF 1
Component Part Number :              DIAGNOSTIC ENGINEERING CHANGE ORDER                  Form : B
Component Part Description :                        ECO Purpose : Change          Approved : Yes
--------------------------------------------------PRODUCT IDENTIFICATION--------------------------------------------------
Diagnostic Package Code : MD-08-DD4B-A0             Patch Level : 0               Product Date : 21-Apr-74
Description :                                       1ST Copyright year : 1974     Last Copyright Year : 1974
Expanded Description : EXTENDED MEMORY PARITY TEST
---------------------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------------------



---------------------------------------------------PRODUCTS OBSOLETED---------------------------------------------------
---------------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------------



---------------------------------------------------SOLUTION/CORRECTION---------------------------------------------------



---------------------------------------------------PRODUCT CHARACTERISTICS---------------------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :     ACT Sequence Number :         Multimedia Affected : Yes
Processors                : 88 93
Operational Environment   : 00
Device Affected :  MP8       MP8I
Problem Reports Affected   :
Kit Number                 :
---------------------------------------------------AUTHORIZATION---------------------------------------------------
Author                : J Vrobel           Maintaining Group      : DIAG
Submitting Engineer   : J VROBEL           Maintainer             : MISNER
Product Engineer      :                    Field Service Engineer :
Manufacturing Engineer :                   Release Engineer       : T DAVIES
Charge Number         : V00-00000          Coordination Number    : MC0000
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Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes

-------------------------------------PRODUCT IDENTIFICATION-------------------------------------

Diagnostic Package Code : MD-08-DD6J-D0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : AD08 DIAGNOSTICS

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   AD08

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: J Vrobel	Maintaining Group	: DIAG
Submitting Engineer	: J Vrobel	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T Davies
Charge Number	: V00-00000	Coordination Number	: MC0000

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-DD6M-A0

Patch Level : 0

Product Date : 21-Apr-74

Description :

1ST Copyright year : 1974

Last Copyright Year : 1974

Expanded Description : VS38 DISPLAY DIAGNOSTICS

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   338   VS38

Problem Reports Affected   :

Kit Number   :

------AUTHORIZATION------

Author	: J Vrobel	Maintaining Group	: DIAG
Submitting Engineer	: J Vrobel	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T Davies
Charge Number	: V00-00000	Coordination Number	: MC0000

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Component Part Number :   DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1
                                                                    DIAGNOSTIC ENGINEERING CHANGE ORDER   Form : B
Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DD6Q-A0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : LOW LEVEL MULTIPLEXER

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   AM03

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION--
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DD6U-B0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last.Copyright Year : 1974

Expanded Description : AD01-A DIAGNOSTICS

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93

Operational Environment   : 00

Device Affected :   AD01

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION---
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-DD6W-BO   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : AA50 D/A CONVERTER

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   AA50

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: J Vrobel	Maintaining Group	: DIAG
Submitting Engineer	: J Vrobel	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T Davies
Charge Number	: V00-00000	Coordination Number	: MC0000

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A                                              DIGITAL EQUIPMENT CORPORATION                        PAGE 1 OF 1
Component Part Number :                        DIAGNOSTIC ENGINEERING CHANGE ORDER                  Form : B
Component Part Description :                      ECO Purpose : Change              Approved : Yes
-------------------------------------------------PRODUCT IDENTIFICATION-------------------------------------------------
Diagnostic Package Code : MD-08-DD7C-A0          Patch Level : 0                    Product Date : 21-Apr-74
Description :                                    1ST Copyright year : 1974          Last Copyright Year : 1974
Expanded Description : TYPESET + SYSTEM EXERCISER
-----------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------------------



-----------------------------------------------PRODUCTS OBSOLETED-----------------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION-----------------------------------------------



-----------------------------------------------SOLUTION/CORRECTION-----------------------------------------------



-----------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :          Multimedia Affected : Yes
Processors              : 88
Operational Environment : 00 50
Device Affected :  TCSOE     TC01       TC08       DF32       RF08       LP08
Problem Reports Affected :
Kit Number              :
-----------------------------------------------AUTHORIZATION-----------------------------------------------
Author                : J Vrobel              Maintaining Group      : DIAG
Submitting Engineer   : J Vrobel              Maintainer             : MISNER
Product Engineer      :                       Field Service Engineer :
Manufacturing Engineer :                      Release Engineer       : T Davies
Charge Number         : V00-00000             Coordination Number    : MC0000
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A
                                                    DIGITAL EQUIPMENT CORPORATION                    PAGE 1 OF 1
Component Part Number :                             DIAGNOSTIC ENGINEERING CHANGE ORDER               Form : B

Component Part Description :                          ECO Purpose : Change                  Approved : Yes
-----------------------------------------------------PRODUCT IDENTIFICATION--------------------------------------
Diagnostic Package Code : MD-08-DD85-C0               Patch Level : 0                       Product Date : 21-Apr-74

Description :                                         1ST Copyright year : 1974             Last Copyright Year : 1974

Expanded Description : DM01 EXERCISER

----------------------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------



----------------------------------------------------PRODUCTS OBSOLETED------------------------------------------------
----------------------------------------------------PROBLEM/DESCRIPTION-----------------------------------------------



----------------------------------------------------SOLUTION/CORRECTION-----------------------------------------------



----------------------------------------------------PRODUCT CHARACTERISTICS-------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :      ACT Sequence Number :            Multimedia Affected : Yes

Processors                 : 88

Operational Environment    : 00

Device Affected :   DM01

Problem Reports Affected   :

Kit Number                 :
-------------------------------------------------------AUTHORIZATION--------------------------------------------------
Author                  : J Vrobel                    Maintaining Group      : DIAG
Submitting Engineer     : J Vrobel                    Maintainer             : MISNER
Product Engineer        :                             Field Service Engineer :
Manufacturing Engineer  :                             Release Engineer       : T Davies
Charge Number           : V00-00000                   Coordination Number    : MC0000
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A
                                    DIGITAL EQUIPMENT CORPORATION              PAGE 1 OF 1
Component Part Number :             DIAGNOSTIC ENGINEERING CHANGE ORDER        Form : B

Component Part Description :            ECO Purpose : Change          Approved : Yes
-----------------------------------------PRODUCT IDENTIFICATION----------------------------------------
Diagnostic Package Code : MD-08-DD8B-A0     Patch Level : 0          Product Date : 21-Apr-74

Description :                           1ST Copyright year : 1974    Last Copyright Year : 1974

Expanded Description : ONLINE IBM360 TO DX08/9 EXERCISER
-----------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------



-----------------------------------------PRODUCTS OBSOLETED--------------------------------------------
-----------------------------------------PROBLEM/DESCRIPTION-------------------------------------------




-----------------------------------------SOLUTION/CORRECTION-------------------------------------------



-----------------------------------------PRODUCT CHARACTERISTICS---------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :      Multimedia Affected : Yes

Processors                :

Operational Environment   : 00

Device Affected :   338

Problem Reports Affected  :

Kit Number                :
-----------------------------------------AUTHORIZATION------------------------------------------------
Author                  : J Vrobel            Maintaining Group      : DIAG
Submitting Engineer     : J Vrobel            Maintainer             : MISNER
Product Engineer        :                     Field Service Engineer :
Manufacturing Engineer  :                     Release Engineer       : T Davies
Charge Number           : V00-00000           Coordination Number    : MC0000
```

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO Purpose : Change Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-DD8M-B0 Patch Level : 0 Product Date : 21-Apr-74

Description : 1ST Copyright year : 1974 Last Copyright Year : 1974

Expanded Description : VA38 CHARACTER GENERATOR TEST

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

| Run Time (seconds) 1st Pass : | 2nd Pass : | ACT Sequence Number : | Multimedia Affected : Yes |

Processors : 88

Operational Environment : 00

Device Affected : VA38

Problem Reports Affected :

Kit Number :

------AUTHORIZATION------

Author	: J Vrobel	Maintaining Group	: DIAG
Submitting Engineer	: J Vrobel	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T Davies
Charge Number	: V00-00000	Coordination Number	: MC0000

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                                    DIGITAL EQUIPMENT CORPORATION
Component Part Number :             DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :                   ECO Purpose : Change        Approved : Yes
----------------------------------------------PRODUCT IDENTIFICATION----------------------------------
Diagnostic Package Code : MD-08-DD8T-A0        Patch Level : 0             Product Date : 21-Apr-74

Description :                                  1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : SIM 360/IBMs 360 CHANNEL SIMULATOR
-----------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------




-----------------------------------------------PRODUCTS OBSOLETED-------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION------------------------------------




-----------------------------------------------SOLUTION/CORRECTION------------------------------------



-----------------------------------------------PRODUCT CHARACTERISTICS--------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :       Multimedia Affected : Yes

Processors                :

Operational Environment   : 00

Device Affected :   DX08      DX38      DX36

Problem Reports Affected  :

Kit Number                :
-----------------------------------------------AUTHORIZATION------------------------------------------
Author                : J Vrobel             Maintaining Group      : DIAG
Submitting Engineer   : J Vrobel             Maintainer             : MISNER
Product Engineer      :                      Field Service Engineer :
Manufacturing Engineer :                     Release Engineer       : T Davies
Charge Number         : V00-0000             Coordination Number    : MC0000
```

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DD8U-B0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : DX08-S 360 DIAGNOSTICS EXERCISER

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   DX08   DX38   DX36

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DGDRA-A0   Patch Level : 0   Product Date : 21-Apr-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : DR8-EA DIAGNOSTIC TPL PDP-8

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93 94

Operational Environment   : 00

Device Affected :   DR8EA   DW8E

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : M HARE   Maintaining Group   : DIAG
Submitting Engineer   : M HARE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-C0000   Coordination Number   : MC0000

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DIGITAL EQUIPMENT CORPORATION

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description :

ECO Purpose : Change   Approved : Yes
-----------------------------------PRODUCT IDENTIFICATION-----------------------------------

Diagnostic Package Code : MD-08-DHAFA-A0   Patch Level : 0   Product Date : 21-Apr-74

Description :   .   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : CDP/GLC-8E DIAGNOSTIC

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   CDP/GLC0

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1

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Component Part Number :                          DIGITAL EQUIPMENT CORPORATION                    PAGE 1 OF 1
                                              DIAGNOSTIC ENGINEERING CHANGE ORDER                  Form : B

Component Part Description :                         ECO Purpose : Change              Approved : Yes
-----------------------------------------------PRODUCT IDENTIFICATION----------------------------------------
Diagnostic Package Code : MD-08-DIQCA-CO             Patch Level : 0                   Product Date : 21-Apr-74

Description :                                        1ST Copyright year : 1974         Last Copyright Year : 1974

Expanded Description : Family of 8 System Exerciser Linctape kit

-----------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------




-----------------------------------------------PRODUCTS OBSOLETED--------------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION-------------------------------------------




-----------------------------------------------SOLUTION/CORRECTION-------------------------------------------



-----------------------------------------------PRODUCT CHARACTERISTICS---------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :           Multimedia Affected : Yes

Processors                  : 12

Operational Environment     : 40

Device Affected :   TC12

Problem Reports Affected    :

Kit Number                  :
------------------------------------------------AUTHORIZATION------------------------------------------------
Author                 : L. BEYERSDOFER         Maintaining Group        : DIAG
Submitting Engineer    : L. Beyersdofer         Maintainer               : MISNER
Product Engineer       :                        Field Service Engineer   :
Manufacturing Engineer :                        Release Engineer         : T. DAVIES
Charge Number          : V00-00000              Coordination Number      : MC0000
```

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---------------------------------------

Diagnostic Package Code : MD-08-DHKLA-A0

Patch Level : 0

Product Date : 21-May-74

Description :

1ST Copyright year : 1974

Last Copyright Year : 1974

Expanded Description : KL8M MODEM CONTROL DIAGNOSTICS

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91

Operational Environment : 00

Device Affected :   KL8M

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION-------------------------------------

Author	: K. WHITNEY	Maintaining Group	: DIAG
Submitting Engineer	: K. WHITNEY	Maintainer	: VROBEL
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T. DAVIES
Charge Number	: V18-06806	Coordination Number	: MC0000

```
A                                                    DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
Component Part Number :                           DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B

Component Part Description :                          ECO Purpose : Change                       Approved : Yes
-----------------------------------------------------PRODUCT IDENTIFICATION---------------------------------------------
Diagnostic Package Code : MD-08-DHVTA-B0              Patch Level : 0                            Product Date : 21-May-74

Description :                                         1ST Copyright year : 1974                  Last Copyright Year : 1974

Expanded Description : VT8-E VIDEO DISPLAY TEST

--------------------------------------------- ---------------------------PRODUCT COMPONENTS AFFECTED----------------------------------------------------




----------------------------------------------------------PRODUCTS OBSOLETED-------------------------------------------------
----------------------------------------------------------PROBLEM/DESCRIPTION------------------------------------------------




------------------------------------------------------SOLUTION/CORRECTION----------------------------------------------------



----------------------------------------------------PRODUCT CHARACTERISTICS--------------------------------------------------
Run Time (seconds) 1st Pass :             2nd Pass :        ACT Sequence Number :              Multimedia Affected : Yes

Processors                : 89

Operational Environment   : 00

Device Affected :   VT8E

Problem Reports Affected  :

Kit Number                :
--------------------------------------------------------AUTHORIZATION-------------------------------------------------------
Author                    : B HANSEN                      Maintaining Group         : DIAG
Submitting Engineer       : B HANSEN                      Maintainer                : MISNER
Product Engineer          :                               Field Service Engineer    :
Manufacturing Engineer    :                               Release Engineer          : T.DAVIES
Charge Number             : V00-00000                     Coordination Number       : MC0000
```

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHVTB-A0   Patch Level : 0   Product Date : 21-May-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : VT8-E VIDEO DISPLAY TEST 2

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :   VT8E

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

DIGITAL EQUIPMENT CORPORATION

PAGE 1 OF 1

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D01-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : INSTRUCTION TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment : 00

Device Affected :

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D03-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : BASIC JMP-JMS TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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Component Part Number :                                    DIGITAL EQUIPMENT CORPORATION              PAGE 1 OF 1
                                                        DIAGNOSTIC ENGINEERING CHANGE ORDER              Form : B
Component Part Description :                               ECO Purpose : Change              Approved : Yes
-------------------------------------------------------PRODUCT IDENTIFICATION----------------------------------------
Diagnostic Package Code : MD-08-D04-A0                    Patch Level : 0                    Product Date : 21-Jun-74
Description :                                             1ST Copyright year : 1974          Last Copyright Year : 1974
Expanded Description : RANDOM JMP TEST
-------------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------------



-------------------------------------------------------PRODUCTS OBSOLETED--------------------------------------------
-------------------------------------------------------PROBLEM/DESCRIPTION-------------------------------------------



-------------------------------------------------------SOLUTION/CORRECTION-------------------------------------------


-------------------------------------------------------PRODUCT CHARACTERISTICS---------------------------------------
Run Time (seconds) 1st Pass :           2nd Pass :        ACT Sequence Number :              Multimedia Affected : Yes

Processors              :

Operational Environment : 00

Device Affected :

Problem Reports Affected :

Kit Number              :
-------------------------------------------------------AUTHORIZATION-------------------------------------------------
Author                 : J VROBEL              Maintaining Group        : DIAG
Submitting Engineer    : J VROBEL              Maintainer               : MISNER
Product Engineer       :                       Field Service Engineer   :
Manufacturing Engineer :                       Release Engineer         : T.DAVIES
Charge Number          : V00-00000             Coordination Number      : MC0000
```

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Component Part Number :	DIGITAL EQUIPMENT CORPORATION DIAGNOSTIC ENGINEERING CHANGE ORDER	PAGE 1 OF 1 Form : B
Component Part Description :	ECO Purpose : Change	Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-D05-B0	Patch Level : 0	Product Date : 21-Jun-74
Description :	1ST Copyright year : 1974	Last Copyright Year : 1974

Expanded Description : RANDOM JMP-JMS TEST

--PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes
Processors	:		
Operational Environment	: 00		
Device Affected :			
Problem Reports Affected	:		
Kit Number	:		

--AUTHORIZATION--

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-D06-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : RANDOM DCA TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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A                                                                                                  PAGE 1 OF 1
Component Part Number :                     DIGITAL EQUIPMENT CORPORATION                           Form : B
                                          DIAGNOSTIC ENGINEERING CHANGE ORDER
Component Part Description :                     ECO Purpose : Change              Approved : Yes
---------------------------------------------PRODUCT IDENTIFICATION---------------------------------------------
Diagnostic Package Code : MD-08-D07-A0           Patch Level : 0                   Product Date : 21-Jun-74
Description :                                    1ST Copyright year : 1974         Last Copyright Year : 1974
Expanded Description : RANDOM ISZ TEST
----------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------------



----------------------------------------------------PRODUCTS OBSOLETED-------------------------------------------
----------------------------------------------------PROBLEM/DESCRIPTION-------------------------------------------



----------------------------------------------------SOLUTION/CORRECTION------------------------------------------



---------------------------------------------PRODUCT CHARACTERISTICS---------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :     ACT Sequence Number :       Multimedia Affected : Yes
Processors               :
Operational Environment  : 00
Device Affected :
Problem Reports Affected  :
Kit Number                :
---------------------------------------------AUTHORIZATION-------------------------------------------------------
Author                : J VROBEL           Maintaining Group       : DIAG
Submitting Engineer   : J VROBEL           Maintainer              : MISNER
Product Engineer      :                    Field Service Engineer  :
Manufacturing Engineer :                   Release Engineer        : T.DAVIES
Charge Number         : V00-00000          Coordination Number     : MC0000
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Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-D1E00-?0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : Extended Memory Checker Board

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93

Operational Environment   : 00

Device Affected :   MM8   MM8I

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: B. Hansen	Maintaining Group	: Diag.
Submitting Engineer	: Hansen	Maintainer	: Hansen
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: D. Fuller
Charge Number	: V00-00000	Coordination Number	: MC0000

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DIGITAL EQUIPMENT CORPORATION

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D1G-C0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : PDP-8L EXTENDED MEMORY CONTROL (8K

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

| Run Time (seconds) 1st Pass : | 2nd Pass : | ACT Sequence Number : | Multimedia Affected : Yes |

Processors   : 94

Operational Environment   : 00

Device Affected :   KM8L

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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DIGITAL EQUIPMENT CORPORATION

PAGE 1 OF 1

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-D1H-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : PDP-8L ENTENDED MEORY CONTROL (12K)

--PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 94

Operational Environment   : 00

Device Affected :   KM8L

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : New

Approved : Yes

--------PRODUCT IDENTIFICATION--------

Diagnostic Package Code : MD-08-D1H00-A0

Patch Level : 0

Product Date : 21-Jun-74

Description :

1ST Copyright year : 1974

Last Copyright Year : 1974

Expanded Description : Extended Memory Address Test

--------PRODUCT COMPONENTS AFFECTED--------

--------PRODUCTS OBSOLETED--------

--------PROBLEM/DESCRIPTION--------

--------SOLUTION/CORRECTION--------

--------PRODUCT CHARACTERISTICS--------

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :   MM8   MM8I

Problem Reports Affected   :

Kit Number   :

--------AUTHORIZATION--------

Author   : J. Vrobel   Maintaining Group   : Diag.
Submitting Engineer   : J. Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : D. Fuller
Charge Number   : V00-00000   Coordination Number   : MC0000

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DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number :

Component Part Description :

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-D1L-A0

Patch Level : 0

Product Date : 21-Jun-74

Description :

1ST Copyright year : 1974

Last Copyright Year : 1974

Expanded Description : PDP-8S MEMORY ADDRESS TEST

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes

Processors   :

Operational Environment : 00

Device Affected :

Problem Reports Affected :

Kit Number   :

------AUTHORIZATION------

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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Component Part Number :

Component Part Description :

ECO Purpose : New   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION-------------------------------------
Diagnostic Package Code . MD-08-D1L00-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : Basic Memory Checkerboard (low)

--PRODUCT COMPONENTS AFFECTED--------------------------------------

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : J. Vrobel   Maintaining Group   : diag.
Submitting Engineer   : Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : D. Fuller
Charge Number   : V00-00000   Coordination Number   : MC0000

A

DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : New   Approved : Yes
---PRODUCT IDENTIFICATION-------------------------------
Diagnostic Package Code : MD-08-D2000-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : CR03 Card Reader Test

---PRODUCT COMPONENTS AFFECTED-------------------------------

---PRODUCTS OBSOLETED-------------------------------
---PROBLEM/DESCRIPTION-------------------------------

---SOLUTION/CORRECTION-------------------------------

---PRODUCT CHARACTERISTICS-------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   CR03

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION-------------------------------
Author   : Vrobel   Maintaining Group   : Diag.
Submitting Engineer   : Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : D. Fuller
Charge Number   : V00-00000   Coordination Number   : MC0000

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A                                                                                                              PAGE 1 OF 1
Component Part Number :                          DIGITAL EQUIPMENT CORPORATION                                 Form : B
                                                 DIAGNOSTIC ENGINEERING CHANGE ORDER
Component Part Description :                          ECO Purpose : New                    Approved : Yes
---------------------------------------------------PRODUCT IDENTIFICATION-----------------------------------------------
Diagnostic Package Code : MD-08-D2800-A0             Patch Level : 0                        Product Date : 21-Jun-74
Description :                                        1ST Copyright year : 1974             Last Copyright Year : 1974
Expanded Description : LT08 Teleprinter Test
-----------------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------------



-------------------------------------------------------PRODUCTS OBSOLETED------------------------------------------------
-------------------------------------------------------PROBLEM/DESCRIPTION------------------------------------------------



-------------------------------------------------------SOLUTION/CORRECTION-------------------------------------------------

                                                                                    .   .

-------------------------------------------------------PRODUCT CHARACTERISTICS--------------------------------------------
Run Time (seconds) 1st Pass :            2nd Pass :       ACT Sequence Number :             Multimedia Affected : Yes

Processors                   :

Operational Environment      : 00

Device Affected :

Problem Reports Affected     :

Kit Number                   :
-----------------------------------------------------AUTHORIZATION-------------------------------------------------------
Author                : Vrobel              Maintaining Group       : Diag.
Submitting Engineer   : Vrobel              Maintainer              : MISNER
Product Engineer      :                     Field Service Engineer  :
Manufacturing Engineer :                    Release Engineer        : D. Fuller
Charge Number         : V00-00000           Coordination Number     : MC0000
```

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A                                    DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
Component Part Number :              DIAGNOSTIC ENGINEERING CHANGE ORDER                    Form : B

Component Part Description :                      ECO Purpose : New                    Approved : Yes
---------------------------------------------PRODUCT IDENTIFICATION-----------------------------------
Diagnostic Package Code : MD-08-D2A-A0            Patch Level : 0                     Product Date : 21-Jun-74

Description :                                     1ST Copyright year : 1974           Last Copyright Year : 1974

Expanded Description : DC02 Family-of-Eight Teletype Test

-------------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------



-----------------------------------------------PRODUCTS OBSOLETED-------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION------------------------------------



-----------------------------------------------SOLUTION/CORRECTION------------------------------------



---------------------------------------------PRODUCT CHARACTERISTICS----------------------------------
Run Time (seconds) 1st Pass :           2nd Pass :       ACT Sequence Number :        Multimedia Affected : Yes

Processors                 :

Operational Environment    : 00

Device Affected :  PT08      LT08      DC02      ASR35

Problem Reports Affected   :

Kit Number                 :
-----------------------------------------------AUTHORIZATION------------------------------------------
Author                  : Vrobel              Maintaining Group       : Diag.
Submitting Engineer     : Vrobel              Maintainer              : MISNER
Product Engineer        :                     Field Service Engineer  :
Manufacturing Engineer  :                     Release Engineer        : D. Fuller
Charge Number           : V00-00000           Coordination Number     : MC0000
```

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D2N00-B0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : CR01C Card Reader Test

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment : 00

Device Affected :   CR01C

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---

Author	: Vrobel	Maintaining Group	: Diag.
Submitting Engineer	: Vrobel	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: D. Fuller
Charge Number	: V00-00000	Coordination Number	: MC0000

```
A                                    DIGITAL EQUIPMENT CORPORATION                        PAGE 1 OF 1
Component Part Number :              DIAGNOSTIC ENGINEERING CHANGE ORDER                  Form : B

Component Part Description :                    ECO Purpose : Change              Approved : Yes
                                     -----------PRODUCT IDENTIFICATION-----------
Diagnostic Package Code : MD-08-D4F-8O          Patch Level : 0                   Product Date : 21-Jun-74

Description :                                   1ST Copyright year : 1974         Last Copyright Year : 1974

Expanded Description : Pec Incremental Tape Random Exerciser

-------------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------------




-------------------------------------------PRODUCTS OBSOLETED-------------------------------------------
-------------------------------------------PROBLEM/DESCRIPTION-------------------------------------------




-------------------------------------------SOLUTION/CORRECTION-------------------------------------------



                                     -----------PRODUCT CHARACTERISTICS-----------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :        Multimedia Affected : Yes

Processors                : 93 94 89

Operational Environment   : 00

Device Affected :  TR02      TU20

Problem Reports Affected   :

Kit Number                 :
                                     -----------AUTHORIZATION-----------
Author                  : John Vrobel            Maintaining Group       : Diag.
Submitting Engineer     : Vrobel                 Maintainer              : MISNER
Product Engineer        :                        Field Service Engineer  :
Manufacturing Engineer  :                        Release Engineer        : Fuller
Charge Number           : V00-C0000              Coordination Number     : MC0000
```

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Component Part Number :

Component Part Description :

ECO Purpose : New   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-D5A-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : PDP-8L memory parity IOT test

---PRODUCT COMPONENTS AFFECTED---

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 94

Operational Environment : 00

Device Affected : MP8L

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--

Author	: Vrobel	Maintaining Group	: Diag.
Submitting Engineer	: Vrobel	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: Fuller
Charge Number	: V00-00000	Coordination Number	: MC0000

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Component Part Number :

Component Part Description :

Diagnostic Package Code : MD-08-D5D-B0

Description :

Expanded Description : Multi-user Disk Exerciser

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Patch Level : 0   Product Date : 21-Jun-74

1ST Copyright year : 1974   Last Copyright Year : 1974

--PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93

Operational Environment   : 00

Device Affected :   DF32

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--

Author	: Vrobel	Maintaining Group	: Diag.
Submitting Engineer	: Vrobel	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: Fuller
Charge Number	: V00-00000	Coordination Number	: MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-D8B-B0

Patch Level : 0

Product Date : 21-Jun-74

Description :

1ST Copyright year : 1974

Last Copyright Year : 1974

Expanded Description : TIME SHARE 8 HDWR EXEC

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes

Processors   : 88 93

Operational Environment   : 00

Device Affected :   DC08

Problem Reports Affected :

Kit Number   :

------AUTHORIZATION------

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :
                ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D8VB-B0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : KW08S CLOCK TEST

---PRODUCT COMPONENTS AFFECTED---

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   KW08

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION-------------------------------------

Diagnostic Package Code : MD-08-D9I-B0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : WIRE STORAGE INTERFACE DIAG

---PRODUCT COMPONENTS AFFECTED---

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   DC04C

Pr em Reports Affected   :

K.. Number   :
---AUTHORIZATION--
Author   : J VORBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Eng neer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

Component Part Description :

--PRODUCT IDENTIFICATION--

ECO Purpose : Change   Approved : Yes

Diagnostic Package Code : MD-08-DBINA-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : SELF-START BINARY LOADER

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : J.VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J.VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DD3F-C0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : INCREMENTAL TAPE DELAY TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 94 93 89

Operational Environment   : 00

Device Affected :   TR02   TU20

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION---
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-DD4C-B0

Patch Level : 0

Product Date : 21-Jun-74

Description :

1ST Copyright year : 1974

Last Copyright Year : 1974

Expanded Description : INCREMENTAL TAPE COMPATIBILITY (PDP-8I,8L)

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 94 93

Operational Environment   : 00

Device Affected :   TR02   TU20

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---

Author	:	Maintaining Group	: DIAG
Submitting Engineer	: J Vrobel	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T Davies
Charge Number	: V00-00000	Coordination Number	: MC0000

Author   : J Vrobel

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DIGITAL EQUIPMENT CORPORATION

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A                                          DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
Component Part Number :                    DIAGNOSTIC ENGINEERING CHANGE ORDER                    Form : B
Component Part Description :               ECO Purpose : Change              Approved : Yes
---------------------------------------------PRODUCT IDENTIFICATION-------------------------------------------
Diagnostic Package Code : MD-08-DD4D-A0    Patch Level : 0                   Product Date : 21-Jun-74
Description :                              1ST Copyright year : 1974         Last Copyright Year : 1974
Expanded Description : INCREMENTAL TAPE DATA RELIABILITY
----------------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------



---------------------------------------------------PRODUCTS OBSOLETED----------------------------------------
--------------------------------------------------PROBLEM/DESCRIPTION-----------------------------------------


---------------------------------------------------SOLUTION/CORRECTION----------------------------------------


-----------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------
Run Time (seconds) 1st Pass :       2nd Pass :      ACT Sequence Number :        Multimedia Affected : Yes
Processors                  : 93 94 89
Operational Environment     : 00
Device Affected :   TR02    TU20
Problem Reports Affected    :
Kit Number                  :
----------------------------------------------------AUTHORIZATION---------------------------------------------
Author                : J Vrobel           Maintaining Group       : DIAG
Submitting Engineer   : J Vrobel           Maintainer              : MISNER
Product Engineer      :                    Field Service Engineer  :
Manufacturing Engineer :                   Release Engineer        : T Davies
Charge Number         : V00-00000          Coordination Number     : MC0000
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Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DD4E-B0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : PEC INCREMENTAL TAPE INSTRUCTION TEST

--PRODUCT COMPONENTS AFFECTED--

-------------------------------------PRODUCTS OBSOLETED-------------------------------------
-------------------------------------PROBLEM/DESCRIPTION-------------------------------------

-------------------------------------SOLUTION/CORRECTION-------------------------------------

-------------------------------------PRODUCT CHARACTERISTICS-------------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 94 93 89

Operational Environment   : 00

Device Affected :   TR02   TU20

Problem Reports Affected :

Kit Number   :

-------------------------------------AUTHORIZATION-------------------------------------
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
---------------------------------PRODUCT IDENTIFICATION---------------------------------
Diagnostic Package Code : MD-08-DD8G-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974 Last Copyright Year : 1974

Expanded Description : DB88 TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   DB88

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DD8I-B0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : DB08A TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   DB08

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1

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Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DD8X-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : XOR BUFFER OPTION DIAGNOSTICS

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   CPUXOR

Problem Reports Affected :

Kit Number   :
--AUTHORIZATION--
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
-------------------------------------PRODUCT IDENTIFICATION-------------------------------------

Diagnostic Package Code : AC-08-QEACA-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : SYSTEM MONITOR

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   :

Device Affected :   ACT8E

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: J VROBEL
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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DIGITAL EQUIPMENT CORPORATION

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
-----------------------------------PRODUCT IDENTIFICATION-----------------------------------
Diagnostic Package Code : AC-08-QEACB-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : MINI MONITOR

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   :

Device Affected :   ACT8E

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : B HANSEN
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000 .   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DGMCA-B0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1970   Last Copyright Year : 1974

Expanded Description : PDP-8, 8I, 8S EXTENDED MEMORY CNTRL TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93 12

Operational Environment   : 00

Device Affected :   MC8I   MC12

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : R MOORE   Maintaining Group   : DIAG
Submitting Engineer   : R MOORE   Maintainer   : MISNER
Product Engineer   : R MOORE   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V99-06225   Coordination Number   : MC0658

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHCMA-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : 80 COL OPTICAL CARD READER TEST

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :   CM8F

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : BILL HEAVEY   Maintaining Group   : DIAG
Submitting Engineer   : BILL HEAVEY   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DIDFB-A0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : DF32 DISKLESS LOGIC TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93 94 89

Operational Environment   : 00

Device Affected :   DF32

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

Component Part Description :

ECO Purpose : Change　　　　　　　　　Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-DIDFC-A0　　Patch Level : 0　　　　　　　Product Date : 21-Jun-74

Description :　　　　　　　　　　　　　　　1ST Copyright year : 1974　　Last Copyright Year : 1974

Expanded Description : INTERFACE ADDR DISK DATA TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :　　　　　2nd Pass :　　ACT Sequence Number :　　　　　Multimedia Affected : Yes

Processors　　　　　　　　　　: 88 93 94 89

Operational Environment　　　: 00

Device Affected :　DF32　　　DF32D

Problem Reports Affected　　　:

Kit Number　　　　　　　　　　:
--AUTHORIZATION--
Author　　　　　　　　: B HANSEN　　　　　　Maintaining Group　　　　: DIAG
Submitting Engineer　: B HANSEN　　　　　　Maintainer　　　　　　　　: MISNER
Product Engineer　　　:　　　　　　　　　　Field Service Engineer　:
Manufacturing Engineer :　　　　　　　　　Release Engineer　　　　　: T.DAVIES
Charge Number　　　　　: V00-00000　　　　　Coordination Number　　　: MC0000

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A                                                                                                    PAGE 1 OF 1
Component Part Number :                    DIGITAL EQUIPMENT CORPORATION                              Form : B
                                        DIAGNOSTIC ENGINEERING CHANGE ORDER
Component Part Description :                      ECO Purpose : Change          Approved : Yes
----------------------------------------------PRODUCT IDENTIFICATION---------------------------------------------
Diagnostic Package Code : MD-08-DIH-A0           Patch Level : 0               Product Date : 21-Jun-74

Description :                                    1ST Copyright year : 1974     Last Copyright Year : 1974

Expanded Description : PDP-8L extended memory control (12K)

---------------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------------




---------------------------------------------------PRODUCTS OBSOLETED---------------------------------------------------
---------------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------------




---------------------------------------------------SOLUTION/CORRECTION---------------------------------------------------




---------------------------------------------PRODUCT CHARACTERISTICS---------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :     ACT Sequence Number :          Multimedia Affected : Yes

Processors                 : 94

Operational Environment    : 00

Device Affected :   KM8L

Problem Reports Affected   :

Kit Number                 :
------------------------------------------------------AUTHORIZATION------------------------------------------------------
Author                 : Vrobel          Maintaining Group        : Diag.
Submitting Engineer    : Vrobel          Maintainer               : MISNER
Product Engineer       :                 Field Service Engineer   :
Manufacturing Engineer :                 Release Engineer         : Fuller
Charge Number          : V00-00000       Coordination Number      : MC0000
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A
                                        DIGITAL EQUIPMENT CORPORATION
                                     DIAGNOSTIC ENGINEERING CHANGE ORDER                              PAGE 1 OF 1
                                                                                                     Form : B
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Component Part Number :

Component Part Description :

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-C8-DILVA-A0

Patch Level : 0

Product Date : 21-Jun-74

Description :

1ST Copyright year : 1974

Last Copyright Year : 1974

Expanded Description : LV12/VL8 PRINTER/PLOTTER TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 12

Operational Environment   : 00

Device Affected :   LV12   LV8   LV8E

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: R. SHOOP	Maintaining Group	: DIAG
Submitting Engineer	: R SHOOP	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-DIRTA-A0

Patch Level : 0

Product Date : 21-Jun-74

Description :

1ST Copyright year : 1974

Last Copyright Year : 1974

Expanded Description : RT01/02 TERMINAL DIAG

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :		2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes

Processors   : 88

Operational Environment : 00

Device Affected :   RT01   DC02   RT02   KL8   PT08

Problem Reports Affected :

Kit Number   :

------AUTHORIZATION------

Author	: R BAKER	Maintaining Group	: DIAG
Submitting Engineer	: R BAKER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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DIGITAL EQUIPMENT CORPORATION

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--------------------------------------PRODUCT IDENTIFICATION--------------------------------------

Diagnostic Package Code : MD-08-DUZ-C0   Patch Level : 0   Product Date : 21-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : TD8E DECTAPE FORMATTER

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 00

Device Affected :

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DD2V-A0   Patch Level : 0   Product Date : 24-Jun-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : PA60C DIAGNOSTIC

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :   PA60C

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

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DIGITAL EQUIPMENT CORPORATION

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-DDBMA-A0   Patch Level : 0   Product Date : 15-Jul-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : BM812-I EXT MEMORY DATA + CHECKERBOARD TEST

--------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------

--------------------------------------PRODUCTS OBSOLETED--------------------------------------
--------------------------------------PROBLEM/DESCRIPTION--------------------------------------

--------------------------------------SOLUTION/CORRECTION--------------------------------------

--------------------------------------PRODUCT CHARACTERISTICS--------------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93 12

Operational Environment   : 00

Device Affected :   BM812I

Problem Reports Affected   :

Kit Number   :

--------------------------------------AUTHORIZATION--------------------------------------
Author   : R MOORE   Maintaining Group   : DIAG
Submitting Engineer   : R MOORE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V99-06225   Coordination Number   : MC0659

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                                              DIGITAL EQUIPMENT CORPORATION                    PAGE 1 OF 1
Component Part Number :                      DIAGNOSTIC ENGINEERING CHANGE ORDER              Form : B

Component Part Description :                   ECO Purpose : Change                 Approved : Yes
--------------------------------------------------PRODUCT IDENTIFICATION-----------------------------------
Diagnostic Package Code : MD-08-D02-B0         Patch Level : 0                      Product Date : 21-Jul-74

Description :                                  1ST Copyright year : 1974            Last Copyright Year : 1974

Expanded Description : INSTRUCTION TEST PART 2

-------------------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------



-----------------------------------------------------PRODUCTS OBSOLETED-------------------------------------
-----------------------------------------------------PROBLEM/DESCRIPTION-------------------------------------




-----------------------------------------------------SOLUTION/CORRECTION-------------------------------------



-----------------------------------------------------PRODUCT CHARACTERISTICS-------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :        ACT Sequence Number :            Multimedia Affected : Yes

Processors              : 93

Operational Environment : 00

Device Affected :

Problem Reports Affected :

Kit Number              :
--------------------------------------------------------AUTHORIZATION------------------------------------------
Author                  : J VROBEL              Maintaining Group          : DIAG
Submitting Engineer     : J VROBEL              Maintainer                 : MISNER
Product Engineer        :                       Field Service Engineer     :
Manufacturing Engineer  :                       Release Engineer           : T.DAVIES
Charge Number           : V0C-00000             Coordination Number        : MC0000
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A                                                                                                    PAGE 1 OF 1
Component Part Number :                    DIGITAL EQUIPMENT CORPORATION                              Form : B
                                           DIAGNOSTIC ENGINEERING CHANGE ORDER
Component Part Description :                      ECO Purpose : Change              Approved : Y
-----------------------------------------------PRODUCT IDENTIFICATION------------------------------------------
Diagnostic Package Code : MD-08-DOI-CO           Patch Level : 0                    Product Date : 21-Jul-74

Description :                                    1ST Copyright year : 1974          Last Copyright Year : 1974

Expanded Description : INSTRUCTION TEST PART 1

--------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------------




------------------------------------------------PRODUCTS OBSOLETED---------------------------------------------
-------------------------------------------------PROBLEM/DESCRIPTION--------------------------------------------




------------------------------------------------SOLUTION/CORRECTION--------------------------------------------



-----------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :        ACT Sequence Number :        Multimedia Affected : Yes

Processors                :

Operational Environment   : 00

Device Affected :

Problem Reports Affected  :

Kit Number                :
----------------------------------------------------AUTHORIZATION----------------------------------------------
Author                      : J VROBEL              Maintaining Group          : DIAG
Submitting Engineer         : J VROBEL              Maintainer                 : MISNER
Product Engineer            :                        Field Service Engineer    :
Manufacturing Engineer      :                        Release Engineer          : T.DAVIES
Charge Number               : V00-00000              Coordination Number       : MC0000
```

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-D1B-B0

Patch Level : 0

Product Date : 21-Jul-74

Description :

1ST Copyright year : 1974

Last Copyright Year : 1974

Expanded Description : BINARY CARD DECK

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes

Processors   : 89 09 90 91 92 93 94 88 03 04 05 10 20 21 34 35 40 50 55 60 70

Operational Environment   :

Device Affected :   CR8F

Problem Reports Affected   :

Kit Number   :

------AUTHORIZATION------

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: J VROBEL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-D28-A0   Patch Level : 0   Product Date : 21-Jul-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : LT08 TELEPRINTER TEST

--PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   LT08

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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A
Component Part Number :                            DIGITAL EQUIPMENT CORPORATION              PAGE 1 OF 1
                                                   DIAGNOSTIC ENGINEERING CHANGE ORDER        Form : B
Component Part Description :                        ECO Purpose : Change                      Approved : Yes
------------------------------------------------PRODUCT IDENTIFICATION------------------------------------------
Diagnostic Package Code : MD-08-DBA-B0             Patch Level : 0                            Product Date : 21-Jul-74

Description :                                      1ST Copyright year : 1974                  Last Copyright Year : 1974

Expanded Description : BINARY LOADER

---------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------------




-------------------------------------------------PRODUCTS OBSOLETED---------------------------------------------
-------------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------




-------------------------------------------------SOLUTION/CORRECTION--------------------------------------------




------------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :        ACT Sequence Number :               Multimedia Affected : Yes

Processors                : 88

Operational Environment   : 00

Device Affected :

Problem Reports Affected  :

Kit Number                :
-------------------------------------------------AUTHORIZATION--------------------------------------------------
Author                    : J VROBEL              Maintaining Group      : DIAG
Submitting Engineer       : J VROBEL              Maintainer             : MISNER
Product Engineer          :                       Field Service Engineer :
Manufacturing Engineer    :                       Release Engineer       : T.DAVIES
Charge Number             : V00-00000             Coordination Number    : MC0000
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Component Part Number :                            DIGITAL EQUIPMENT CORPORATION              PAGE 1 OF 1
                                                   DIAGNOSTIC ENGINEERING CHANGE ORDER        Form : B
```

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A
Component Part Number :                                      DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
                                                          DIAGNOSTIC ENGINEERING CHANGE ORDER                           Form : B

Component Part Description :                                  ECO Purpose : Change                    Approved : Yes
-------------------------------------------------------PRODUCT IDENTIFICATION-----------------------------------------------------
Diagnostic Package Code : MD-08-DD8W-A0                       Patch Level : C                         Product Date : 21-Jul-74

Description :                                                 1ST Copyright year : 1974               Last Copyright Year : 1974

Expanded Description : DC02 TELETYPE FLAG TEST

-----------------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------------------




-------------------------------------------------------PRODUCTS OBSOLETED-------------------------------------------------------
-------------------------------------------------------PROBLEM/DESCRIPTION------------------------------------------------------




-------------------------------------------------------SOLUTION/CORRECTION------------------------------------------------------



-----------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------------------
Run Time (seconds) 1st Pass :             2nd Pass :         ACT Sequence Number :                 Multimedia Affected : Yes

Processors               : 12 94 93

Operational Environment  :

Device Affected :   DC02

Problem Reports Affected  :

Kit Number               :
-----------------------------------------------------------AUTHORIZATION--------------------------------------------------------
Author                   : J Vrobel                          Maintaining Group       : DIAG
Submitting Engineer      : J Vrobel                          Maintainer              : MISNER
Product Engineer         :                                   Field Service Engineer  :
Manufacturing Engineer   :                                   Release Engineer        : T davies
Charge Number            : V00-00000                         Coordination Number      : MC0000
```

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A
Component Part Number :                                      DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
                                                          DIAGNOSTIC ENGINEERING CHANGE ORDER                           Form : B
```

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :　　　　　　　　　　　　　　ECO Purpose : Change　　　　　　Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-DIKLA-B0　　　　Patch Level : 0　　　　　　Product Date : 15-Aug-74

Description :　　　　　　　　　　　　　　　　　1ST Copyright year : 1974　　Last Copyright Year : 1974

Expanded Description : KL8-JA/KA/KB/KC/KD LOOP BACK TEST

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DIKLA-B-PB		DIKLA-B-D					

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :　　　　2nd Pass :　　ACT Sequence Number :　　　　　Multimedia Affected : Yes

Processors　　　　　　　　: 89

Operational Environment　　: 00

Device Affected :　KL8JA　　KA　　　KB　　KC　　　KD

Problem Reports Affected　:

Kit Number　　　　　　　　:

---AUTHORIZATION---

Author	: R MOORE	Maintaining Group	: DIAG
Submitting Engineer	: R MOORE	Maintainer	: J VROBEL
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V22-07635	Coordination Number	: MC0674

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Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DD8P-A0   Patch Level : 0   Product Date : 19-Aug-74

Description :   1ST Copyright year : 1968   Last Copyright Year : 1974

Expanded Description : PT08 DATA PHONE

---PRODUCT COMPONENTS AFFECTED---

--PRODUCTS OBSOLETED---
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   PT08B   PT08C

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : A Rickens   Maintaining Group   : DIAG
Submitting Engineer   : A Rickens   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-D4C-A0   Patch Level : 0   Product Date : 21-Aug-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : PDP 8I MEMORY PARITY IOT TEST

--PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93

Operational Environment   : 00

Device Affected :   MP8I

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION--
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHMRF-A0   Patch Level : 0   Product Date : 21-Aug-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : MR80RB 2K PROM INTERNAL TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment : 00

Device Affected :   MR8FB

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION---

Author	: W HEAVEY	Maintaining Group	: DIAG
Submitting Engineer	: W HEAVEY	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V18-06806	Coordination Number	: MC0656

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Component Part Number :

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Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DIVTB-A0   Patch Level : 0   Product Date : 21-Aug-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : VT20 HOST COMPUTER PROGRAM

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION---
THIS PROGRAM IS A KL8-JA DATA HANDLING ROUTINE TO BE USED
WITH MD-11-DBVTA(VT20 DIAGNOSTIC TEST), TEST 21.

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment :

Device Affected :

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION--
Author   : ED BADGER   Maintaining Group   : DIAG
Submitting Engineer   : ED BADGER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : :.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

Component Part Description :	ECO Purpose : Change	Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AC-08-QJACA-A0	Patch Level : 0	Product Date : 15-Oct-74
Description :	1ST Copyright year : 1974	Last Copyright Year : 1974

Expanded Description : PDP-8/A LOADER/MONITOR FOR ACT-8/A

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

PDP8/A LOAD MONITOR FOR ACT 8/A

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes

Processors   :

Operational Environment   : 06

Device Affected :   ACT 8/A   APT 8/A

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: M. HARE	Maintaining Group	: DIAG
Submitting Engineer	: M. HARE	Maintainer	: M. HARE
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V18-07573	Coordination Number	: MC0711

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Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DJMSA-A0   Patch Level : 0   Product Date : 15-Oct-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : 1-4K MS8-A MOS MEMORY TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00

Device Affected :   MS8A   ACT8/E   ACT8/A   CPUXOR

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION--
Author   : DALE HECK   Maintaining Group   : DIAG
Submitting Engineer   : DALE HECK   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V61-07730   Coordination Number   : MC0027

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Component Part Number :

Component Part Description :

ECO Purpose : Change | Approved : Yes

----------PRODUCT IDENTIFICATION----------

Diagnostic Package Code : MD-08-DDTFB-A0 | Patch Level : 0 | Product Date : 01-Dec-74

Description : | 1ST Copyright year : 1974 | Last Copyright Year : 1974

Expanded Description : DECTAPE FORMATTER PROGRAM TC

----------PRODUCT COMPONENTS AFFECTED----------

----------PRODUCTS OBSOLETED----------
----------PROBLEM/DESCRIPTION----------

----------SOLUTION/CORRECTION----------

----------PRODUCT CHARACTERISTICS----------

| Run Time (seconds) 1st Pass : | 2nd Pass : | ACT Sequence Number : | Multimedia Affected : Yes |

Processors   : 88

Operational Environment   : 00

Device Affected :

Problem Reports Affected :

Kit Number   :

----------AUTHORIZATION----------

Author	: M MITCHELL	Maintaining Group	: DIAG
Submitting Engineer	: M MITCHELL	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-DJEXA-A0   Patch Level : 0   Product Date : 15-Dec-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : 1K TO 32K RANDOM MEMORY REFERENCE INSTRUCTION EXERCISER

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00

Device Affected :   KK8A   APT8/A

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: B HANSEN	Maintaining Group	: DIAG
Submitting Engineer	: B HANSEN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V61-07730	Coordination Number	: MC0028

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DIGITAL EQUIPMENT CORPORATION

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                                              DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                       DIAGNOSTIC ENGINEERING CHANGE ORDER                         Form : B

Component Part Description :                  ECO Purpose : Change                  Approved : Yes
--------------------------------------------------PRODUCT IDENTIFICATION-----------------------------------------
Diagnostic Package Code : MD-08-DIQAA-D0      Patch Level : 0                       Product Date : 15-Jan-75

Description :                                 1ST Copyright year : 1975             Last Copyright Year : 1975

Expanded Description : DEC/X8 PROCEDURE ABSTRACT FOR CUSTOMIZED EXERCISER
-------------------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------



-------------------------------------------------PRODUCTS OBSOLETED----------------------------------------------
-------------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------



-------------------------------------------------SOLUTION/CORRECTION---------------------------------------------


-------------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :     ACT Sequence Number :              Multimedia Affected : Yes

Processors               : 89 90 91 92 88 12 94 93

Operational Environment  : 50 40

Device Affected :

Problem Reports Affected  :

Kit Number                :
-------------------------------------------------AUTHORIZATION---------------------------------------------------
Author                : J. Vrobel              Maintaining Group      : DIAG
Submitting Engineer   : J. Vrobel              Maintainer             : MISNER
Product Engineer      :                        Field Service Engineer :
Manufacturing Engineer :                       Release Engineer       : T. Davies
Charge Number         : V18-06806              Coordination Number    : MC0000
```

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DJEXB-A0   Patch Level : 0   Product Date : 15-Jan-75

Description :   1ST Copyright year : 1974   Last Copyright Year : 1975

Expanded Description : 2K TO 32K PDP-8A PROCESSOR EXERCISER

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00

Device Affected :   KK8A   DKC8AA   APT8A   MS8A

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: B HANSEN	Maintaining Group	: DIAG
Submitting Engineer	: B HANSEN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: T.DAVIES	Release Engineer	: T.DAVIES
Charge Number	: V18-07573	Coordination Number	: MC0821

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Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change

Approved : Yes

-----PRODUCT IDENTIFICATION-----

Diagnostic Package Code : MD-08-DJKMA-A0

Patch Level : 0

Product Date : 15-Jan-75

Description :

1ST Copyright year : 1974

Last Copyright Year : 1975

Expanded Description : KM8-A OPTION TEST #2

-----PRODUCT COMPONENTS AFFECTED-----

-----PRODUCTS OBSOLETED-----

-----PROBLEM/DESCRIPTION-----

-----SOLUTION/CORRECTION-----

-----PRODUCT CHARACTERISTICS-----

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00

Device Affected :   KM8A   APT8/A   CPUXOR

Problem Reports Affected   :

Kit Number   :

-----AUTHORIZATION-----

Author	: B HANSEN	Maintaining Group	: DIAG
Submitting Engineer	: HANSEN	Maintainer	: HANSEN
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V18-06806	Coordination Number	: MC1026

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
-------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-DJMRD-A0   Patch Level : 0   Product Date : 15-Jan-75

Description :   1ST Copyright year : 1975   Last Copyright Year : 1975

Expanded Description : PDP8/A MR8-A CONVERSION

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92 89

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF211

---AUTHORIZATION---
Author   : HANK POULTER   Maintaining Group   : DIAG
Submitting Engineer   : POULTER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V18-08202   Coord.nation Number   : MC0018

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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A                                          DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                   DIAGNOSTIC ENGINEERING CHANGE ORDER                         Form : B

Component Part Description :                     ECO Purpose : Change                    Approved : Yes
-------------------------------------------------PRODUCT IDENTIFICATION--------------------------------------------------
Diagnostic Package Code : MD-08-DHKAD-A0         Patch Level : 0                         Product Date : 17-Mar-75

Description :                                     1ST Copyright year : 1971              Last Copyright Year : 1975

Expanded Description : MEMORY ADDRESS TEST

-------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------------------




-------------------------------------------------PRODUCTS OBSOLETED-----------------------------------------------------
-------------------------------------------------PROBLEM/DESCRIPTION----------------------------------------------------




-------------------------------------------------SOLUTION/CORRECTION----------------------------------------------------




-------------------------------------------------PRODUCT CHARACTERISTICS------------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :      ACT Sequence Number :           Multimedia Affected : Yes

Processors               : 89 90 91

Operational Environment  : 00 50

Device Affected :

Problem Reports Affected :

Kit Number               :
-----------------------------------------------------AUTHORIZATION-----------------------------------------------------
Author                 : D MACOMBER                   Maintaining Group       : DIAG
Submitting Engineer    : D MACOMBER                   Maintainer              : MISNER
Product Engineer       :                              Field Service Engineer  :
Manufacturing Engineer :                              Release Engineer        : T.DAVIES
Charge Number          : V18-08202                    Coordination Number     : MC1340
```

Component Part Number :

Component Part Description :

ECO Purpose : New   Approved : Yes
--PRODUCT IDENTIFICATION--------------------------------------
Diagnostic Package Code : MD-08-DIUDA-A0   Patch Level : 0   Product Date : 21-May-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description :

--PRODUCT COMPONENTS AFFECTED---------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DIUDA-A-PB		DIUDA-A-D					

--PRODUCTS OBSOLETED----------------------------------

--PROBLEM/DESCRIPTION----------------------------------

--SOLUTION/CORRECTION----------------------------------

--PRODUCT CHARACTERISTICS------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :   UDC-8

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : J. VROBEL   Maintaining Group   : PRO ENH
Submitting Engineer   : J. VROBEL   Maintainer   : VROBEL
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   : J. VROBEL   Release Engineer   : S. DUMDEY
Charge Number   : V98 -08815   Coordination Number   : MC0000

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A                                            DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                      DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B

Component Part Description :                    ECO Purpose : Change                Approved : Yes
-------------------------------------------PRODUCT IDENTIFICATION-------------------------------------
Diagnostic Package Code : MD-08-DIUDA-B0        Patch Level : 0                     Product Date : 21-Jun-74

Description :                                   1ST Copyright year : 1974           Last Copyright Year : 1974

Expanded Description : UDC8 SYSTEM FUNCTION EXERCISER

--------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------------
  Component      Media           Component      Media           Component      Media           Component      Media
  Part Number    Variable        Part Number    Variable        Part Number    Variable        Part Number    Variable
  DIUDA-B-D                      DIUDA-B-PB


-----------------------------------------------PRODUCTS OBSOLETED------------------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION------------------------------------------------


-----------------------------------------------SOLUTION/CORRECTION------------------------------------------------


-----------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------------
Run Time (seconds) 1st Pass :           2nd Pass :      ACT Sequence Number :              Multimedia Affected : Yes

Processors              : 88

Operational Environment : 00

Device Affected :  UDC-8

Problem Reports Affected  :

Kit Number                :
-------------------------------------------------AUTHORIZATION-------------------------------------------------
Author                : J VROBEL              Maintaining Group       : PRO ENH
Submitting Engineer   : J VROBEL              Maintainer              : VROBEL
Product Engineer      :                       Field Service Engineer  :
Manufacturing Engineer : J. VROBEL            Release Engineer        : T.DAVIES
Charge Number         : V00-00000             Coordination Number     : MC0000
```

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes

----------PRODUCT IDENTIFICATION----------

Diagnostic Package Code : MD-08-DIUDA-C0   Patch Level : 0   Product Date : 07-May-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : UDC8 SYSTEM FUNCTION EXERCISER

----------PRODUCT COMPONENTS AFFECTED----------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DIUDA-C-D		DIUDA-C-PB					

----------PRODUCTS OBSOLETED----------

----------PROBLEM/DESCRIPTION----------

COUNTER MODULES (W734)
1. ERROR TYPEOUT THAT COUNTER INTERRUPTED BEFORE
OVERFLOW IF ANY W734 WERE LOCATED IN SLOT #1.
2. FREQUENCY TOLERANCE OF 3% BETWEEN COUNTS.

----------SOLUTION/CORRECTION----------

1. ON INTERRUPT FROM A COUNTER THAT WAS NOT UNDER
TEST, A TEST PARAMETER THAT WAS USED BY THE COUNTER
UNDER TEST WAS BEING USED BUT NOT RESTORED, NOT IT IS.
2. RAISED FREQUENCY TOLERANCE TO 6%.

----------PRODUCT CHARACTERISTICS----------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   UDC-8

Problem Reports Affected   :

Kit Number   :

----------AUTHORIZATION----------

Author   : E. BADGER   Maintaining Group   : CRO PRO
Submitting Engineer   : E. BADGER   Maintainer   : MISNER
Product Engineer   : P. POMERGY   Field Service Engineer   : L. GOELZ
Manufacturing Engineer   : R. SAVELL   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0622

```
A                                              DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
Component Part Number :                     DIAGNOSTIC ENGINEERING CHANGE ORDER                       Form : B

Component Part Description :                    ECO Purpose : Change                    Approved : Yes
--------------------------------------------------PRODUCT IDENTIFICATION----------------------------------------
Diagnostic Package Code : AC-08-QHMKA-D0         Patch Level : 0                        Product Date : 15-Apr-75

Description :                                    1ST Copyright year : 1975              Last Copyright Year : 1976

Expanded Description : 2223 16K11U MEMORY EXERCISER

---------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------------



-------------------------------------------------PRODUCTS OBSOLETED----------------------------------------------
-------------------------------------------------PROBLEM/DESCRIPTION----------------------------------------------



-------------------------------------------------SOLUTION/CORRECTION----------------------------------------------



                                        .
-------------------------------------------------PRODUCT CHARACTERISTICS------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :        ACT Sequence Number :         Multimedia Affected : Yes

Processors                  :

Operational Environment     :

Device Affected :

Problem Reports Affected    :

Kit Number                  :
-----------------------------------------------------AUTHORIZATION-----------------------------------------------
Author                : K. FISHER                   Maintaining Group        : DIAG
Submitting Engineer   : K FISHER                    Maintainer               : K FISHER
Product Engineer      :                             Field Service Engineer   :
Manufacturing Engineer :                            Release Engineer         : T.DAVIES
Charge Number         : V00-00000                   Coordination Number      : MC0000
```

```
A    A                                    DIGITAL EQUIPMENT CORPORATION                    PAGE 1 OF 1
                                       DIAGNOSTIC ENGINEERING CHANGE ORDER                 Form : B
```

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
-----------------------------------PRODUCT IDENTIFICATION-----------------------------------
Diagnostic Package Code : MD-08-DHTSF-A0   Patch Level : 0   Product Date : 15-Apr-75

Description :   1ST Copyright year : 1975   Last Copyright Year : 1975

Expanded Description : TM8-E/TS03 UTILITY DRIVER

------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------------

------------------------------------PRODUCTS OBSOLETED------------------------------------
------------------------------------PROBLEM/DESCRIPTION------------------------------------

------------------------------------SOLUTION/CORRECTION------------------------------------

------------------------------------PRODUCT CHARACTERISTICS------------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment : 00

Device Affected :   TM8E   TS03

Problem Reports Affected :

Kit Number   : ZF220
------------------------------------AUTHORIZATION------------------------------------
Author   : R BARNES   Maintaining Group   : DIAG
Submitting Engineer   : R BARNES   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V98-05104   Coordination Number   : MC1238

```
A                                           DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                     DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B

Component Part Description :                          ECO Purpose : Change                  Approved : Yes
------------------------------------------------PRODUCT IDENTIFICATION----------------------------------------------
Diagnostic Package Code : MD-08-DJADA-BO             Patch Level : 0                        Product Date : 22-Apr-75

Description :                                        1ST Copyright year : 1974             Last Copyright Year : 1975

Expanded Description : A/D CONVERTER MULTIPLEXER DIAG

----------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------------------
  Component      Media            Component       Media            Component       Media           Component       Media
  Part Number    Variable         Part Number     Variable         Part Number     Variable        Part Number     Variable
  DJADA-B-D                       DJADA-B-PB                        DJADA-B-UA


------------------------------------------------PRODUCTS OBSOLETED------------------------------------------------

------------------------------------------------PROBLEM/DESCRIPTION------------------------------------------------
1. PRINTS THE WRONG MAINDEC NUMBER IN THE TITLE.
2. DISPLAYS THE WRONG MAINDEC NUMBER IN THE HEADER
FOR EACH PAGE.
3. GIVES THE WRONG NUMBER OF SWITCH REGISTER BITS
TO BE USED IN THE DOCUMENTATION.


------------------------------------------------SOLUTION/CORRECTION------------------------------------------------
1. CHANGE THE MAINDEC # IN THE TITLE PRINTOUT.
2. CHANGE THE MAINDEC # IN THE HEADER OF EACH PAGE.
3. CHANGE IN THE DOCUMENTATION REGARDING THE #
OF SWITCH REGISTER BITS TO BE USED.


------------------------------------------------PRODUCT CHARACTERISTICS------------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :       ACT Sequence Number :            Multimedia Affected : Yes

Processors              : 88

Operational Environment : 00

Device Affected :   AD8A      PDP8

Problem Reports Affected  :

Kit Number              : ZF216
------------------------------------------------AUTHORIZATION------------------------------------------------
Author                  : V. BREUER            Maintaining Group        : CRO PRO
Submitting Engineer     : V. BREUER            Maintainer               : SHOOP
Product Engineer        : G. SIROIS            Field Service Engineer   : B. O'DONNELL
Manufacturing Engineer  : J. INGLEUDE          Release Engineer         : T.DAVIES
Charge Number           : V00-00000            Coordination Number      : MC4618
```

```
A                                           DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                     DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B
```

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description :

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DIVTC-A0

Patch Level : 0

Product Date : 21-Apr-75

Description :

1ST Copyright year : 1975

Last Copyright Year : 1975

Expanded Description : VT55 VIDEO TERMIANL ACCEPTANCE TEST

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment : 00

Device Affected :   VT55

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: V BREVER	Maintaining Group	: CPL-MR
Submitting Engineer	: V BREVER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V84-07763	Coordination Number	: MC0000

OF 1

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

ECO Purpose : Change   Approved : Yes
-------------------------------------PRODUCT IDENTIFICATION-------------------------------------
Diagnostic Package Code : MD-08-DHMEA-B0   Patch Level : 0   Product Date : 15-May-75

Description :   1ST Copyright year : 1974   Last Copyright Year : 1975

Expanded Description : PDP-8 DIAGNOSTICS MEDIUM

---PRODUCT COMPONENTS AFFECTED---

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment : 00

Device Affected :   RK8E   RK05   RX8E   RX01

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--
Author   : B HEAVEY   Maintaining Group   : DIAG
Submitting Engineer   : B HEAVEY   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V18-06806   Coordination Number   : MC0973

A

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
----------------------------------PRODUCT IDENTIFICATION----------------------------------

Diagnostic Package Code : MD-08-DJKMA-B0   Patch Level : 0   Product Date : 15-Jul-75

Description :   1ST Copyright year : 1974   Last Copyright Year : 1975

Expanded Description : KM8-A OPTION TEST #2

----------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DJKMA-B-D		DJKMA-B-FA		DJKMA-B-PB		DJKMA-B-UA	

----------------------------------PRODUCTS OBSOLETED----------------------------------

----------------------------------PROBLEM/DESCRIPTION----------------------------------

----------------------------------SOLUTION/CORRECTION----------------------------------

----------------------------------PRODUCT CHARACTERISTICS----------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment : 00

Device Affected :   KM8-A

Problem Reports Affected :

Kit Number   : ZF010   ZF206   ZF209

----------------------------------AUTHORIZATION----------------------------------
Author   : B HANSEN   Maintaining Group   : PRO ENH
Submitting Engineer   : B. HANSEN   Maintainer   : VROBEL
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer : J. VROBEL   Release Engineer   : S. DUMDEY
Charge Number   : V18-06806   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHMAA-CO   Patch Level : 0   Product Date : 15-Jun-75

Description :   1ST Copyright year : 1974   Last Copyright Year : 1975

Expanded Description : 2223 8K11L MEMORY EXERCISER PROGRAM

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

```
Author                  : G PAPAZIAN          Maintaining Group        : DIAG
Submitting Engineer     : G PAPAZIAN          Maintainer               : MISNER
Product Engineer        :                     Field Service Engineer   :
Manufacturing Engineer  :                     Release Engineer         : T.DAVIES
Charge Number           : V00-00000           Coordination Number      : MC0000
```

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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A                                              DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                        DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B

Component Part Description :                         ECO Purpose : Change              Approved : Yes
-----------------------------------------------PRODUCT IDENTIFICATION-----------------------------------------
Diagnostic Package Code : AC-08-QHMGA-CO             Patch Level : 0                   Product Date : 15-Jun-75

Description :                                        1ST Copyright year : 1974         Last Copyright Year : 1975

Expanded Description : 2223 8K8EJ MEMORY EXERCISER PROGRAM

-----------------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------




-----------------------------------------------PRODUCTS OBSOLETED---------------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------




-----------------------------------------------SOLUTION/CORRECTION---------------------------------------------



-----------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :          ACT Sequence Number :          Multimedia Affected : Yes

Processors                    : 88

Operational Environment       :

Device Affected :  MM8E     MM8EJ

Problem Reports Affected      :

Kit Number                    :
-----------------------------------------------AUTHORIZATION---------------------------------------------------
Author                 : G. PAPAZIAN            Maintaining Group          : DIAG
Submitting Engineer    : G. PAPAZIAN            Maintainer                 : G. PAPAZIAN
Product Engineer       :                        Field Service Engineer     :
Manufacturing Engineer :                        Release Engineer           : T.DAVIES
Charge Number          : V00-00000              Coordination Number        : MC0000
```

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A                                              DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                        DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B
```

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : AC-08-QHMSA-B0   Patch Level : 0   Product Date : 15-Jun-75

Description :   1ST Copyright year : 1974   Last Copyright Year : 1975

Expanded Description : 2223 MS8AA MEMORY EXERCISER PROGRAM

------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------------

------------------------------------PRODUCTS OBSOLETED------------------------------------
------------------------------------PROBLEM/DESCRIPTION------------------------------------

------------------------------------SOLUTION/CORRECTION------------------------------------

------------------------------------PRODUCT CHARACTERISTICS------------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   :

Device Affected :   MS8AA

Problem Reports Affected   :

Kit Number   :
------------------------------------AUTHORIZATION------------------------------------
Author   : G. PAPAZIAN   Maintaining Group   : DIAG
Submitting Engineer   : G. PAPAZIAN   Maintainer   : G. PAPAZIAN
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T. DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :   DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1
                                                               DIAGNOSTIC ENGINEERING CHANGE ORDER   Form : B

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHTSE-A0   Patch Level : 0   Product Date : 15-Jun-75

Description :   1ST Copyright year : 1975   Last Copyright Year : 1975

Expanded Description : TM8-E/TS03 DRIVE FUNCTION TIMER

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   TM8E   TS03

Problem Reports Affected   :

Kit Number   : ZF222
---AUTHORIZATION---
Author   : R BARNES   Maintaining Group   : DIAG
Submitting Engineer   : R BARNES   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number .   : MC0000

A

Component Part Number :   DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1
                                                               DIAGNOSTIC ENGINEERING CHANGE ORDER   Form : B

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A                                                                                                        PAGE 1 OF 1
Component Part Number :                        DIGITAL EQUIPMENT CORPORATION                              Form : B
                                               DIAGNOSTIC ENGINEERING CHANGE ORDER
Component Part Description :                        ECO Purpose : Change              Approved : Yes
--------------------------------------------------PRODUCT IDENTIFICATION----------------------------------------------
Diagnostic Package Code : MD-08-DJH7A-B0            Patch Level : 0                   Product Date : 15-Jun-75

Description :                                       1ST Copyright year : 1974         Last Copyright Year : 1975

Expanded Description : G8016 Power Supply Diagnostics
-----------------------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------




------------------------------------------------------PRODUCTS OBSOLETED----------------------------------------------
------------------------------------------------------PROBLEM/DESCRIPTION----------------------------------------------




------------------------------------------------------SOLUTION/CORRECTION----------------------------------------------




-------------------------------------------------- PRODUCT CHARACTERISTICS--------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :      ACT Sequence Number :            Multimedia Affected : Yes

Processors                :

Operational Environment   :

Device Affected :   G8016

Problem Reports Affected  :

Kit Number                :
----------------------------------------------------------AUTHORIZATION-----------------------------------------------
Author                    : M. Sandler          Maintaining Group       : Diag.
Submitting Engineer       : M. Sandler          Maintainer              : MISNER
Product Engineer          :                     Field Service Engineer  :
Manufacturing Engineer    :                     Release Engineer        : D. Fuller
Charge Number             : V18-07573           Coordination Number     : MC0000
```

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A                                        A
Component Part Number :                  DIGITAL EQUIPMENT CORPORATION                                   PAGE 1 OF 1
                                         DIAGNOSTIC ENGINEERING CHANGE ORDER                             Form : B
```

```
A                                                         DIGITAL EQUIPMENT CORPORATION                            PAGE 1 OF 1
Component Part Number :                                   DIAGNOSTIC ENGINEERING CHANGE ORDER                      Form : B
Component Part Description :                              ECO Purpose : Change                    Approved : Yes
----------------------------------------------------------PRODUCT IDENTIFICATION-----------------------------------------------
Diagnostic Package Code : MD-08-DCLMA-A0                  Patch Level : 0                         Product Date : 15-Jul-75
Description :                                             1ST Copyright year : 1975               Last Copyright Year : 1975
Expanded Description : CL8 MAINTENANCE GUIDE
-----------------------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------------




-----------------------------------------------------------PRODUCTS OBSOLETED-------------------------------------------------
-----------------------------------------------------------PROBLEM/DESCRIPTION------------------------------------------------




------------------------------------------------------------SOLUTION/CORRECTION-----------------------------------------------




----------------------------------------------------------PRODUCT CHARACTERISTICS--------------------------------------------
Run Time (seconds) 1st Pass :           2nd Pass :       ACT Sequence Number :                 Multimedia Affected : Yes
Processors                 : 92
Operational Environment    :
Device Affected :   CL8        DS310    CMS1     CLASSIC
Problem Reports Affected    :
Kit Number                  :
------------------------------------------------------------AUTHORIZATION----------------------------------------------------
Author                  : B MJOS               Maintaining Group       : DIAG
Submitting Engineer     : B MJOS               Maintainer              : MISNER
Product Engineer        :                      Field Service Engineer  :
Manufacturing Engineer  :                      Release Engineer        : T.DAVIES
Charge Number           : V00-00000            Coordination Number     : MC0000
```

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A    A                                        DIGITAL EQUIPMENT CORPORATION                                       PAGE 1 OF 1
Component Part Number :                        DIAGNOSTIC ENGINEERING CHANGE ORDER                                Form : B
```

```
A                                          DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
Component Part Number :                    DIAGNOSTIC ENGINEERING CHANGE ORDER                    Form : B

Component Part Description :               ECO Purpose : Change                  Approved : Yes
------------------------------------------PRODUCT IDENTIFICATION----------------------------------------------
Diagnostic Package Code : MD-08-DJCLA-A0   Patch Level : 0                       Product Date : 11-Aug-75

Description :                              1ST Copyright year : 1975             Last Copyright Year : 1975

Expanded Description : CL8 OPTIN TEST 1 AND 2
-------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------------


-----------------------------------------------PRODUCTS OBSOLETED---------------------------------------------
-----------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------



-----------------------------------------------SOLUTION/CORRECTION---------------------------------------------


-------------------------------------------------PRODUCT CHARACTERISTICS---------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :         Multimedia Affected : Yes

Processors                 : 92

Operational Environment    : 00

Device Affected :  DKC8AA    KM8A

Problem Reports Affected   :

Kit Number                 :
--------------------------------------------------AUTHORIZATION-----------------------------------------------
Author                 : B HANSEN          Maintaining Group        : DIAG
Submitting Engineer    : B HANSEN          Maintainer               : MISNER
Product Engineer       :                   Field Service Engineer   :
Manufacturing Engineer :                   Release Engineer         : T.DAVIES
Charge Number          : V00-00000         Coordination Number      : MC0000
```

```
A                                          DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
Component Part Number :                    DIAGNOSTIC ENGINEERING CHANGE ORDER                    Form : B
```

```
A                                           DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                     DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B
```

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHKAF-A0   Patch Level : 0   Product Date : 12-Aug-75

Description :   1ST Copyright year : 1971   Last Copyright Year : 1975

Expanded Description : PDP-8/E INSTRUCTION TEST 1

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---
REPLACES MD-8E-DOAB

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00 50

Device Affected :

Problem Reports Affected :

Kit Number   :
--AUTHORIZATION--
Author   : D.MACOMBER   Maintaining Group   : DIAG
Submitting Engineer   : D.MACOMBER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V97-04110   Coordination Number   : MC0000

```
A                                           DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                     DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B
```

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-DHKAC-A0   Patch Level : 0   Product Date : 15-Aug-75

Description :   1ST Copyright year : 1971   Last Copyright Year : 1975

Expanded Description : MM8E MEMORY CHECKERBOARD

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91

Operational Environment   : 00 50

Device Affected :

Problem Reports Affected :

Kit Number   :
---AUTHORIZATION---
Author   : D MACOMBER   Maintaining Group   : DIAG
Submitting Engineer   : D MACOMBER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V18-08202   Coordination Number   : MC1343

A

Component Part Number :

A
Component Part Number :   DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1
                                                         DIAGNOSTIC ENGINEERING CHANGE ORDER   Form : B

Component Part Description :   ECO Purpose : New   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DHKEB-A0   Patch Level : 0   Product Date : 19-Jun-76

Description :   1ST Copyright year : 1972   Last Copyright Year : 1976

Expanded Description : KE8E (EAE) INSTRUCTION TEST 1

---PRODUCT COMPONENTS AFFECTED---
  Component   Media   Component   Media   Component   Media   Component   Media
  Part Number   Variable   Part Number   Variable   Part Number   Variable   Part Number   Variable
  DHKEB-A-PB   DHKEB-A-UA   DHKEB-A-D

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---
THE PURPOSE OF THIS DECO IS TO ANNOUNCE THE NEW
REVISION OF THE KE8-A INSTRUCTION TEST 1 PROGRAM.
THE PROGRAM WAS UPDATED TO RUN AUTOMATICALLY ON THE
APT-8 TEST SYSTEM.
THIS REPLACES 8E-DOLB.

---SOLUTION/CORRECTION---
REPLACES MD-8E-DOLB

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00 20 99

Device Affected :   KE8-E

Problem Reports Affected   :

Kit Number   : ZF011   ZF139   ZF013
---AUTHORIZATION---
Author   : D RICE   Maintaining Group   : DIAG
Submitting Engineer   : D RICE   Maintainer   : J VROBEL
Product Engineer   :   Field Service Engineer : B. EASH
Manufacturing Engineer   : B. KELLICKER   Release Engineer   : S. DUMDEY
Charge Number   : V97 -04518   Coordination Number   : MC0666

A
Component Part Number :   DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1
                                                         DIAGNOSTIC ENGINEERING CHANGE ORDER   Form : B

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A                                            DIGITAL EQUIPMENT CORPORATION              PAGE 1 OF 1
Component Part Number :                      DIAGNOSTIC ENGINEERING CHANGE ORDER        Form : B
```

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DHKGA-B0   Patch Level : 0   Product Date : 15-Aug-75

Description :   1ST Copyright year : 1972   Last Copyright Year : 1975

Expanded Description : KG8-EA DIAGNOSTICS

---PRODUCT COMPONENTS AFFECTED-------------------------------------

-------------------- -------------------------------PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 92

Operational Environment   : 00

Device Affected :   KG8EA

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : DAVIS-POULTER   Maintaining Group   : DIAG
Submitting Engineer   : POULTER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V97-04110   Coordination Number   : MC0000

```
A                                            DIGITAL EQUIPMENT CORPORATION              PAGE 1 OF 1
Component Part Number :                      DIAGNOSTIC ENGINEERING CHANGE ORDER        Form : B
```

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-DJKKB-A0

Patch Level : 0

Product Date : 15-Aug-75

Description :

1ST Copyright year : 1975

Last Copyright Year : 1975

Expanded Description : PDP8A CPU TEST WITH CONSOLE PACKAGE

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

| Run Time (seconds) 1st Pass : | 2nd Pass : | ACT Sequence Number : | Multimedia Affected : Yes |

Processors   : 92 89

Operational Environment : 00

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF008   ZF009

---AUTHORIZATION---

Author	: HARE-POULTER	Maintaining Group	: DIAG
Submitting Engineer	: POULTER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V18-06806	Coordination Number	: MC1035

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A                                              DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                       DIAGNOSTIC ENGINEERING CHANGE ORDER                          Form : B

Component Part Description :                        ECO Purpose : Change              Approved : Yes
--------------------------------------------PRODUCT IDENTIFICATION----------------------------------------------
Diagnostic Package Code : AC-08-QHMBA-BO            Patch Level : 0                   Product Date : 09-Oct-75

Description :                                       1ST Copyright year : 1975         Last Copyright Year : 1975

Expanded Description : 2223 8K8AA MEMORY EXERCISER PROGRAM
--------------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------



---------------------------------------------------PRODUCTS OBSOLETED-------------------------------------------
----------------------------------------------------PROBLEM/DESCRIPTION------------------------------------------


---------------------------------------------------SOLUTION/CORRECTION-------------------------------------------



-----------------------------------------------PRODUCT CHARACTERISTICS-------------------------------------------
Run Time (seconds) 1st Pass :         2nd Pass :        ACT Sequence Number :          Multimedia Affected : Yes

Processors                 : 89

Operational Environment    :

Device Affected :   2223D

Problem Reports Affected   :

Kit Number                 :
------------------------------------------------------AUTHORIZATION----------------------------------------------
Author                 : G. PAPAZIAN                   Maintaining Group       : DIAG
Submitting Engineer    : KAY FISHER                    Maintainer              : JOHN VROBEL
Product Engineer       :                               Field Service Engineer  :
Manufacturing Engineer :                               Release Engineer        : T.DAVIES
Charge Number          : V00-00000                     Coordination Number     : MC0000
```

```
A                                                                                          PAGE 1 OF 1
Component Part Number :                    DIGITAL EQUIPMENT CORPORATION                    Form : B
                                           DIAGNOSTIC ENGINEERING PATCH ORDER
Component Part Description :                    ECO Purpose : Patch              Approved : Yes
-----------------------------------------------PRODUCT IDENTIFICATION--------------------------------
Diagnostic Package Code : MD-08-DHDRH-A1        Patch Level : 1                  Product Date : 15-Oct-75

Description :                                   1ST Copyright year : 1975        Last Copyright Year : 1975

Expanded Description : DR8-ED EXERCISER

----------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------




---------------------------------------------------PRODUCTS OBSOLETED----------------------------------------
------------------------------------------------PROBLEM/DESCRIPTION----------------------------------------




--------------------------------------------------SOLUTION/CORRECTION------------------------------------------



-----------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :      ACT Sequence Number :        Multimedia Affected : Yes

Processors                   : 88

Operational Environment      : 00

Device Affected :   DR8ED

Problem Reports Affected     :

Kit Number                   :
-------------------------------------------------AUTHORIZATION------------------------------------------------
Author                  : E BADGER           Maintaining Group      : DIAG
Submitting Engineer     : ED BADGER          Maintainer             : MISNER
Product Engineer        :                    Field Service Engineer :
Manufacturing Engineer  :                    Release Engineer       : .DAVIES
Charge Number           : V58-08127          Coordination Number    : MC1239
```

```
A                                          DIGITAL EQUIPMENT CORPORATION                    PAGE 1 OF 1
Component Part Number :                    DIAGNOSTIC ENGINEERING CHANGE ORDER              Form : B
```

```
A                                            DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
Component Part Number :                    DIAGNOSTIC ENGINEERING CHANGE ORDER                      Form : B

Component Part Description :                     ECO Purpose : Change              Approved : Yes
-----------------------------------------------PRODUCT IDENTIFICATION-----------------------------------------
Diagnostic Package Code : MD-08-DHLKB-B0        Patch Level : 0                    Product Date : 15-Oct-75

Description :                                    1ST Copyright year : 1971         Last Copyright Year : 1975

Expanded Description : KL8M KL8E/F DC08H ONLINE TEST
-------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------------




--------------------------------------------------PRODUCTS OBSOLETED-------------------------------------------
--------------------------------------------------PROBLEM/DESCRIPTION------------------------------------------




--------------------------------------------------SOLUTION/CORRECTION------------------------------------------




-------------------------------------------------PRODUCT CHARACTERISTICS---------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :        ACT Sequence Number :       Multimedia Affected : Yes

Processors                 : 89 90 91 92

Operational Environment    : 00

Device Affected :   KL8E     KL8M      DCO8H     KL8F

Problem Reports Affected   :

Kit Number                 : ZF145
-------------------------------------------------------AUTHORIZATION-------------------------------------------
Author                 : B HANSEN                      Maintaining Group     : DIAG
Submitting Engineer    : B HANSEN                      Maintainer            : MISNER
Product Engineer       :                               Field Service Engineer :
Manufacturing Engineer :                               Release Engineer      : T.DAVIES
Charge Number          : V18-08202                     Coordination Number   : MC1276
```

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DILAB-DO   Patch Level : 0   Product Date : 15-Oct-75

Description :   1ST Copyright year : 1974   Last Copyright Year : 1975

Expanded Description : LA36 TERMINAL DIAGNOSTICS

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 12

Operational Environment   : 00

Device Affected :   LA36   LA35   LA37

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : R BAKER   Maintaining Group   : DIAG
Submitting Engineer   : R BAKER   Maintainer   : J VROBEL
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V98-06691   Coordination Number   : MCO238

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

A

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHDKA-A0   Patch Level : 0   Product Date : 15-Nov-75

Description :   1ST Copyright year : 1975   Last Copyright Year : 1975

Expanded Description : DK8E CLOCKS DIAGNOSTIC

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED---
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00

Device Affected :   DK8EA   DK8EP   DK8EC   DK8ES

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION---
Author   : J VROBEL   Maintaining Group   : DIAG
Submitting Engineer   : J VROBEL   Maintainer   : J VROBEL
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V18-08202   Coordination Number   : MC1331

A

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHDRA-B0   Patch Level : 0   Product Date : 15-Nov-75

Description :   1ST Copyright year : 1972   Last Copyright Year : 1975

Expanded Description : DR8-EA 12 CHANNEL BUFFERED DIGITAL INTERFACE
--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHDRA-B-D		DHDRA-B-PB		DHDRA-B-UA			

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00 50

Device Affected :   DR8EA

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : D MACOMBER   Maintaining Group   : DIAG
Submitting Engineer   : D MACOMBER   Maintainer   : J VROBEL
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T DAVIES
Charge Number   : V18-08202   Coordination Number   : MC0000

```
A
Component Part Number :                               DIGITAL EQUIPMENT CORPORATION                    PAGE 1 OF 1
                                                    DIAGNOSTIC ENGINEERING CHANGE ORDER                  Form : B
Component Part Description :                          ECO Purpose : Change                 Approved : Yes
----------------------------------------------------PRODUCT IDENTIFICATION----------------------------------------------------
Diagnostic Package Code : MD-08-DHKAA-B0             Patch Level : 0                        Product Date : 15-Nov-75
Description :                                         1ST Copyright year : 1973             Last Copyright Year : 1975
Expanded Description : 8E ADDER TESTS
----------------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------------------------


----------------------------------------------------PRODUCTS OBSOLETED----------------------------------------------------
----------------------------------------------------PROBLEM/DESCRIPTION----------------------------------------------------


----------------------------------------------------SOLUTION/CORRECTION----------------------------------------------------


----------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :                 Multimedia Affected : Yes
Processors                : 88
Operational Environment   : 00 50
Device Affected :
Problem Reports Affected   :
Kit Number                 :
----------------------------------------------------AUTHORIZATION----------------------------------------------------
Author                 : D MACOMBER            Maintaining Group       : DIAG
Submitting Engineer    : D MACOMBER            Maintainer              : MISNER
Product Engineer       :                       Field Service Engineer  :
Manufacturing Engineer :                       Release Engineer        : T.DAVIES
Charge Number          : V18-08202             Coordination Number     : MC1344
```

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHKAG-A0   Patch Level : 0   Product Date : 15-Nov-75

Description :   1ST Copyright year : 1971   Last Copyright Year : 1975

Expanded Description : PDP8/E INSTRUCTION TEST 2

---PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED---
--PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---
OBSOLETES MD-8E-DOBB

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00 40

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION---
Author   : D MACOMBER   Maintaining Group   : DIAG
Submitting Engineer   : D MACOMBER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V18-08202   Coordination Number   : MC1344

```
A                                    DIGITAL EQUIPMENT CORPORATION                    PAGE 1 OF 1
Component Part Number :              DIAGNOSTIC ENGINEERING CHANGE ORDER              Form : B

Component Part Description :                ECO Purpose : Change              Approved : Yes
----------------------------------------PRODUCT IDENTIFICATION----------------------------------
Diagnostic Package Code : AC-08-QHMRD-A0    Patch Level : 0                   Product Date : 15-Nov-75

Description :                                1ST Copyright year : 1975        Last Copyright Year : 1975

Expanded Description : MR8-FB PROM DIAG

----------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------



----------------------------------------PRODUCTS OBSOLETED---------------------------------------
----------------------------------------PROBLEM/DESCRIPTION--------------------------------------
NEW PROGRAM MR8-FB PROM DIAGNOSTICS CREATED TO RUN
(EXCLUSIVELY) ON APT8A




----------------------------------------SOLUTION/CORRECTION--------------------------------------




----------------------------------------PRODUCT CHARACTERISTICS----------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :       Multimedia Affected : Yes

Processors                 :

Operational Environment    :

Device Affected :   MR8FB

Problem Reports Affected    :

Kit Number                  :
----------------------------------------AUTHORIZATION-------------------------------------------
Author                  : D. MACOMBER          Maintaining Group        : DIAG
Submitting Engineer     : D. MACOMBER          Maintainer               : D. MACOMBER
Product Engineer        :                      Field Service Engineer   :
Manufacturing Engineer  :                      Release Engineer         : T.DAVIES
Charge Number           : V18-08202            Coordination Number      : MC1345
```

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A                                    DIGITAL EQUIPMENT CORPORATION                    PAGE 1 OF 1
Component Part Number :              DIAGNOSTIC ENGINEERING CHANGE ORDER              Form : B
```

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
----------------------------------PRODUCT IDENTIFICATION--------------------------------------

Diagnostic Package Code : AC-08-QHSEC-D0   Patch Level : 0   Product Date : 15-Nov-75

Description :   1ST Copyright year : 1974   Last Copyright Year : 1975

Expanded Description : 2223 11USTK 16K/32K STACK EXERCISER PROGRAM

--PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 90 89

Operational Environment   :

Device Affected :   H217   H224

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: T. SAWYER	Maintaining Group	: DIAG
Submitting Engineer	: T SAWYER	Maintainer	: K FISHER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

A

Component Part Number :

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description :

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION--

Diagnostic Package Code : AC-08-QHSED-A0   Patch Level : 0   Product Date : 15-Nov-75

Description :   1ST Copyright year : 1975   Last Copyright Year : 1975

Expanded Description : 2223 STACH EXERCIS R FOR H221 AND H222 STACKS

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 90 89

Operational Environment   :

Device Affected :   H221   H222

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION--

Author	: T SAWYER	Maintaining Group	: DIAG
Submitting Engineer	: TOM SAWYER	Maintainer	: K FISHER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

^

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

^

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION----------------------------------
Diagnostic Package Code : AC-08-QHSEE-A0   Patch Level : 0   Product Date : 15-Nov-75

Description :   1ST Copyright year : 1975   Last Copyright Year : 1975

Expanded Description : 2223 STACK EXERCISER FOR H219 STACKS

--PRODUCT COMPONENTS AFFECTED-------------------------------------

---PRODUCTS OBSOLETED---------------------------------------
---PROBLEM/DESCRIPTION--------------------------------------

---SOLUTION/CORRECTION-------------------------------------

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 90 89

Operational Environment   :

Device Affected :   H219

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : T SAWYER   Maintaining Group   : DIAG
Submitting Engineer   : T SAWYER   Maintainer   : K FISHER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A
Component Part Number :

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHLSA-C0   Patch Level : 0   Product Date : 15-Dec-75

Description :   1ST Copyright year : 1972   Last Copyright Year : 1975

Expanded Description : LS8 LINEPRINTER TEST

--PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

-------------------------------------PRODUCT CHARACTERISTICS-------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93 09 90 92 12

Operational Environment : 00

Device Affected :   LS8

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: WILL HEAVEY	Maintaining Group	: DIAG
Submitting Engineer	: W HEAVEY	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: E18-08202	Coordination Number	: MC1374

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

----------PRODUCT IDENTIFICATION----------

Diagnostic Package Code : MD-08-DHPBA-A0

Patch Level : 0

Product Date : 15-Dec-75

Description :

1ST Copyright year : 1975

Last Copyright Year : 1975

Expanded Description : PROM BLASTER PROGRAM

----------PRODUCT COMPONENTS AFFECTED----------

----------PRODUCTS OBSOLETED----------

----------PROBLEM/DESCRIPTION----------

----------SOLUTION/CORRECTION----------

----------PRODUCT CHARACTERISTICS----------

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :		Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   MR873A

Problem Reports Affected :

Kit Number   :

----------AUTHORIZATION----------

Author	: DWIGHT BAKER	Maintaining Group	: DIAG
Submitting Engineer	: J COMEUAE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V23-08191	Coordination Number	: MC0017

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AC-08-QIKGA-A0

Patch Level : 0

Product Date : 15-Dec-75

Description :

1ST Copyright year : 1972

Last Copyright Year : 1975

Expanded Description : KG8-EA DIAGNOSTICS

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :   KG8EA

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: D. MACOMBER	Maintaining Group	: DIAG
Submitting Engineer	: D. MACOMBER	Maintainer	: D. MACOMBER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T. DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

A

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHVTC-D0   Patch Level : 0   Product Date : 25-Feb-76

Description :   1ST Copyright year : 1976   Last Copyright Year : 1976

Expanded Description : VT50-VT52 VIDEO TERMINAL ACCEPTANCE TEST
--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   VT50   VT52

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : M SANDLER   Maintaining Group   : DIAG
Submitting Engineer   : M SANDLER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V18-08202   Coordination Number   : MC0195

A

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AC-08-QHICB-AO   Patch Level : 0   Product Date : 15-Mar-76

Description :   1ST Copyright year : 1976   Last Copyright Year : 1976

Expanded Description : ICS8 FILES BOX TEST PROGRAM

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--
NEW RELEASE OF ICS8 FILE BOX TEST TO CHECK ICS8 FILE BOX

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :   ICS8

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : K WRIGHT   Maintaining Group   : DIAG
Submitting Engineer   : K WRIGHT   Maintainer   : K WRIGHT
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T DAVIES
Charge Number   : V46-07759   Coordination Number   : MC0230

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHVTD-A0   Patch Level : 0   Product Date : 19-Mar-76

Description :   1ST Copyright year : 1976   Last Copyright Year : 1976

Expanded Description : VT61 VIDEO TERMINAL ACCEPTANCE TEST

--PRODUCT COMPONENTS AFFECTED--

------------------------------   --------------------------------PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   VT61

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--
Author   : M SANDLER   Maintaining Group   : DIAG
Submitting Engineer   : M SANDLER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V18-08202   Coordination Number   : MC0521

A

Component Part Number :

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DJADA-CO   Patch Level : 0   Product Date : 15-May-76

Description :   1ST Copyright year : 1974   Last Copyright Year : 1976

Expanded Description : A/D CONVERTER MULTIPLEXER DIAG

---PRODUCT COMPONENTS AFFECTED--------------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DJADA-C-PB		DJADA-C-UA					

--PRODUCTS OBSOLETED---
--PROBLEM/DESCRIPTION--
THE AD8-A DIAG HAS BEEN UPDATED TO INCLUDE THE SOFTWARE
SWITCH REGISTER AND CONSOLE PACKAGE.

--SOLUTION/CORRECTION--
N/A

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   AD8A   PDP8

Problem Reports Affected   :

Kit Number   : ZF216

--AUTHORIZATION---
Author   : V. BREUER   Maintaining Group   : SM SYS
Submitting Engineer   : V. BREUER   Maintainer   : MISNER
Product Engineer   : G. SIROIS   Field Service Engineer : C. CLINE
Manufacturing Engineer   : B. KILLICKER   Release Engineer   : S. DUMDEY
Charge Number   : E18 -08202   Coordination Number   : MC0378

A

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AC-08-QHLAA-CJ   Patch Level : 0   Product Date : 15-Apr-76

Description :   1ST Copyright year : 1975   Last Copyright Year : 1976

Expanded Description : LA36 POWER BOARD TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED-- --
--PROBLEM/DESCRIPTION-- --
Changes to the LA36 Power Board, and its test
procedure, have nexessitated changes to QHLAA

--SOLUTION/CORRECTION--
RELEASE QHLAA REVISION G.

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   LA36

Problem Reports Affected   :

Kit Number   :
-- ---AUTHORIZATION--
Author   : R. BAKER   Maintaining Group   : DIAG
Submitting Engineer   : R QUENNEVILLE   Maintainer   : R. QUENNEVILLE
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T. DAVIES
Charge Number   : V98-06691   Coordination Number   : MC0276

A

Component Part Number :

```
A                                                                                                           PAGE 1 OF 1
Component Part Number :                        DIGITAL EQUIPMENT CORPORATION                                Form : B
                                            DIAGNOSTIC ENGINEERING CHANGE ORDER
Component Part Description :                        ECO Purpose : Change              Approved : Yes
------------------------------------------------PRODUCT IDENTIFICATION----------------------------------------------
Diagnostic Package Coue : AC-08-QHMVA-CO            Patch Level : 0                    Product Date : 15-Apr-76

Description :                                       1ST Copyright year : 1976         Last Copyright Year : 1976

Expanded Description : 222E MV11 MEMORY EXERCISER PROGRAM
---------------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------------



-------------------------------------------------PRODUCTS OBSOLETED-------------------------------------------------
-------------------------------------------------PROBLEM/DESCRIPTION-------------------------------------------------




--------------------------------------------------SOLUTION/CORRECTION--------------------------------------------------




-------------------------------------------------PRODUCT CHARACTERISTICS---------------------------------------------
Run Time (seconds) 1st Pass :        2nd Pass :      ACT Sequence Number :            Multimedia Affected : Yes

Processors                    : 88

Operational Environment       :

Device Affected :   MMV11A,B   G653      G655      H223      H225

Problem Reports Affected      :

Kit Number                    :
----------------------------------------------------AUTHORIZATION----------------------------------------------------
Author                  : K. FISHER          Maintaining Group       : DIAG
Submitting Engineer     : K. FISHER          Maintainer              : K. FISHER
Product Engineer        :                    Field Service Engineer  :
Manufacturing Engineer  :                    Release Engineer        : T.DAVIES
Charge Number           : V00-00000          Coordination Number     : MC0000
```

A

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DJKLA-C0   Patch Level : 0   Product Date : 15-Apr-76

Description :   1ST Copyright year : 1975   Last Copyright Year : 1976

Expanded Description : KL8-A MULTIPLE SERIAL LINE UNIT DIAG

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DJKLA-C-D		DJKLA-C-PB		DJKLA-C-UA			

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00

Device Affected :   KL8-A

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : HANSEN   Maintainer   : HANSEN
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : E22-09423   Coordination Number   : MC0778

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AC-08-QHLAB-EO   Patch Level : 0   Product Date : 15-Jul-76

Description :   1ST Copyright year : 1975   Last Copyright Year : 1976

Expanded Description : LA180 POWER BOARD TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--
Increase usage of LA180 Power Board testers now makes
it desirable to have SDC support.

--SOLUTION/CORRECTION--
Release current version (ReV.E) of QHLAB via SDC.

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   :

Device Affected :   LA180

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : B. BAKER   Maintaining Group   : DIAG
Submitting Engineer   : B. BAKER   Maintainer   : VROBEL
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V98-06830   Coordination Number   : MC0322

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : AC-08-QHMCA-DO   Patch Level : 0   Product Date : 15-Jul-76

Description :   1ST Copyright year : 1975   Last Copyright Year : 1976

Expanded Description : 2223 8K11C MEMORY EXERCISER PROGRAM
---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment :

Device Affected : MM11B   MM11C   MM11D   MM11BP   MM11CP   MM11DP   H221   H222   G6512

Problem Reports Affected :

Kit Number   :
---AUTHORIZATION---
Author   : K. FISHER   Maintaining Group   : DIAG
Submitting Engineer   : K FISHER   Maintainer   : K.FISHER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description :

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DJVKA-A0

Patch Level : 0

Product Date : 15-Jul-76

Description :

1ST Copyright year : 1976

Last Copyright Year : 1976

Expanded Description : VK8-A INTERNAL LOGIC/DISPLAY DIAGNOSTICS

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00

Device Affected :   VK8A   APT8A

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION---

Author	: B HANSEN	Maintaining Group	: DIAG
Submitting Engineer	: B HANSEN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: E18-08202	Coordination Number	: MC0682

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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Form : B

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change | Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-DHDHB-A0 | Patch Level : 0 | Product Date : 15-Aug-76

Description : | 1ST Copyright year : 1976 | Last Copyright Year : 1976

Expanded Description : DH8E BINARY LOADER

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass : 2nd Pass : ACT Sequence Number : Multimedia Affected : Yes

Processors : 92 89 90 91

Operational Environment : 00 50

Device Affected : DH8E

Problem Reports Affected :

Kit Number :

------AUTHORIZATION------

Author	: D ADAMS	Maintaining Group	: DIAG
Submitting Engineer	: D ADAMS	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V23-08191	Coordination Number	: MC0699

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------PRODUCT IDENTIFICATION------------------------------

Diagnostic Package Code : MD-08-DHKEC-A0   Patch Level : 0   Product Date : 15-Aug-76

Description :   1ST Copyright year : 1972   Last Copyright Year : 1976

Expanded Description : KE8-E (EAE) INSTRUCTION TEST 2

------------------------------PRODUCT COMPONENTS AFFECTED------------------------------

------------------------------PRODUCTS OBSOLETED------------------------------
------------------------------PROBLEM/DESCRIPTION------------------------------

------------------------------SOLUTION/CORRECTION------------------------------

REPLACES MD-8E-DOMB

------------------------------PRODUCT CHARACTERISTICS------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   KE8E

Problem Reports Affected   :

Kit Number   .

------------------------------AUTHORIZATION------------------------------

Author	: D RICE	Maintaining Group	: DIAG
Submitting Engineer	: D RICE	Maintainer	: J VROBEL
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V97-04518	Coordination Number	: MC0663

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DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DILAC-BO   Patch Level : 0   Product Date : 15-Aug-76

Description :   1ST Copyright year : 1975   Last Copyright Year : 1976

Expanded Description : LA180 PRINTER DIAGNOSTIC

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED---
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS----------------------------------- ------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 12

Operational Environment   : 00

Device Affected :   LA180

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION--
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : E18-08202   Coordination Number   : MC0588

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DJDKA-C0   Patch Level : 0   Product Date : 15-Aug-76

Description :   1ST Copyright year : 1974   Last Copyright Year : 1976

Expanded Description : DKC8-AA OPTION TEST #1

--PRODUCT COMPONENTS AFFECTED---

--PRODUCTS OBSOLETED---
--PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   DKC8AA   CPUXOR   APT8A

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION---
Author   : B HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B HANSEN   Maintainer   : B HANSEN
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V18-07573   Coordination Number   : MC0000

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHDHA-A0   Patch Level : 0   Product Date : 16-Aug-76

Description :   1ST Copyright year : 1976   Last Copyright Year : 1976

Expanded Description : DH8E HOST PROGRAM

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 50

Device Affected :   DH8E

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION---
Author   : DAVID ADAMS   Maintaining Group   : DIAG
Submitting Engineer   : DAVE ADAMS   Maintainer   : DAVE ADAMS
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V23-08191   Coordination Number   : MC0698

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHDHC-A0   Patch Level : 0   Product Date : 16-Aug-76

Description :   1ST Copyright year : 1976   Last Copyright Year : 1976

Expanded Description : DH8E REMOTE LOADER PROGRAM

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 50

Device Affected :   DH8E

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : D ADAMS   Maintaining Group   : DIAG
Submitting Engineer   : D ADAMS   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V23-08191   Coordination Number   : MC0726

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DHRXA-B0   Patch Level : 0   Product Date : 15-Nov-76

Description :   1ST Copyright year : 1975   Last Copyright Year : 1976

Expanded Description : DEC/X8 MODULE FLOPPY RX8-E DISK SYSTEM EXERCISER

---PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

---SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 40

Device Affected :

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION--
Author   : B HEAVEY   Maintaining Group   : DIAG
Submitting Engineer   : B Heavey   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V89-08202   Coordination Number   : MC0953

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : AC-08-QIMMA-D0   Patch Level : 0   Product Date : 15-Nov-76

Description :   1ST Copyright year : 1976   Last Copyright Year : 1976

Expanded Description : MEMORY BURN-IN PROGRAM

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : B. MOORE   Maintaining Group   : DIAG
Submitting Engineer   : B. MOORE   Maintainer   : B. MOORE
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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Component Part Description :

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHKLC-D0

Patch Level : 0

Product Date : 06-Jan-77

Description :

1ST Copyright year : 1972

Last Copyright Year : 1976

Expanded Description : KL8-F DOUBLE BUFFERED ASYNCHRONOUS INTERFACE DIAGNOSTICS

--PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---
PROGRAM WOULD NOT PUN STANDALONE ON THE APT 8-A TEST SYSTEM

---SOLUTION/CORRECTION---
UPDATE PROGRAM TO RUN STANDALONE ON THE APT 8-A TEST SYSTEM
HISTORY COUNT STARTS AT REV D

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00

Device Affected :   KL8F

Problem Reports Affected   :

Kit Number   : ZF011   ZRQ11   ZF143

--AUTHORIZATION--
Author   : P. COYNE   Maintaining Group   : SMLSYS
Submitting Engineer   : D. RICE   Maintainer   : GLENN JOHNSON
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V89-08202   Coordination Number   : MC1106

Component Part Number :

Component Part Description :

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHRKA-EO

Patch Level : 0

Product Date : 06-Jan-77

Description :

1ST Copyright year : 1972

Last Copyright Year : 1976

Expanded Description : RK8E DISKLESS CONTROL TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

DIAGNOSTIC WOULD FAIL WHEN TESTING WITH EXTENDED MEMORIES

--SOLUTION/CORRECTION--

PROGRAM WAS UPDATED TO INCLUDE 'DEPO' WHICH CORRECTED THE
PROBLEM

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00 20 99

Device Affected :   RK8E   RK05F   RK05J

Problem Reports Affected :

Kit Number   : ZF008   ZK122   ZF177   ZF012   ZK127

--AUTHORIZATION--

Author	: J VROBEL	Maintaining Group	: DIAG
Submitting Engineer	: D RICE	Maintainer	: G. JOHNSON
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: T SHALLOW	Release Engineer	: T.DAVIES
Charge Number	: V89-08202	Coordination Number	: MC1123

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING PATCH ORDER

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Component Part Number :

Component Part Description :   ECO Purpose : Patch   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHRKB-G1   Patch Level : 1   Product Date : 06-Jan-77

Description :   1ST Copyright year : 1972   Last Copyright Year : 1977

Expanded Description : RK8E DRIVE CONTROL TEST

--PRODUCT COMPONENTS AFFECTED-- ----

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION---
STATUS ERROR IN TEST 13 WHEN TESTING DRIVES OTHER THAN DRIVE 0

--SOLUTION/CORRECTION---
TOGGLE IN PATCH BELOW

--DEPO PATCH AREA--

Loc	From	To	Mnemonic	Loc	From	To	Mnemonic
0741	7301	4453		1373		5770	
0742	4453	1157					
0743	3143	4774					
0745	7640	7610					
0774		1370					
1370		0					
1371		3143					
1372		4444					

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00 20 99

Device Affected :   RK8E   RK05J   RK05F

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : J.VROBEL   Maintaining Group   : SMLSYS
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   : T.SHALLOW   Field Service Engineer :
Manufacturing Engineer   : T.SHALLOW   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V89-08202   Coordination Number   : MC1303

A

Component Part Number :

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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Form : B

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DHTAB-CO   Patch Level : 0   Product Date : 06-Jan-77

Description :   1ST Copyright year : 1972   Last Copyright Year : 1976

Expanded Description : TA8-E DATA RELIABILITY TEST

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHTAB-C-D		DHTAB-C-PB		DHTAB-C-FA			

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---
PROGRAM WOULD NOT RUN STANDALONE OF THE APT 8-A TEST SYSTEM.

---SOLUTION/CORRECTION---
UPDATED PROGRAM TO RUN UNDER CONTROL OF THE APT 8-A TEST SYSTEM.

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 90 91 92 93 94 12

Operational Environment : 00 20

Device Affected :   TA8E   TU60

Problem Reports Affected :

Kit Number   : ZF012   ZF180
---AUTHORIZATION---
Author   : NONE   Maintaining Group   : SMLSYS
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   : D.RICE   Field Service Engineer   :
Manufacturing Engineer   : KELLICHT   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V89-08202   Coordination Number   : MC1107

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHTSA-B0   Patch Level : 0   Product Date : 16-Jan-77

Description :   1ST Copyright year : 1975   Last Copyright Year : 1977

Expanded Description : TM8-E/TS03 CONTROL TEST PART 1

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHTSA-B-D		DHTSA-B-PB		DHTSA-B-FA			

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--
PROGRAM WOULD NOT RUN STANDALONE ON THE APT8-A TEST SYSTEM.

--SOLUTION/CORRECTION--
UPDATED PROGRAM TO RUN STANDALONE ON THE APT8-A TEST SYSTEM/

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00 20

Device Affected :   TM8E   TS03

Problem Reports Affected   :

Kit Number   : ZF222
--AUTHORIZATION--
Author   : R.BARNES   Maintaining Group   : SMLSYS
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   : D.RICE   Field Service Engineer :
Manufacturing Engineer : T.SHALLOW   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V98-08202   Coordination Number   : MC1252

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHTSB-BO   Patch Level : 0   Product Date : 16-Jan-77

Description :   1ST Copyright year : 1975   Last Copyright Year : 1977

Expanded Description : TM8-E/TSO3 CONTROL TEST PART 2

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHTSB-B-D		DHTSB-B-PB		DHTSB-B-FA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

PROGRAM WOULD NOT RUN STANDALONE ON THE APT8-A TEST SYSTEM.

--SOLUTION/CORRECTION--

UPDATED PROGRAM TO RUN STANDALONE ON THE APT8-A TEST SYSTEM.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00 20

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF222

--AUTHORIZATION--

Author	: R.BARNES	Maintaining Group	: SMLSYS
Submitting Engineer	: D.RICE	Maintainer	: MISNER
Product Engineer	: D.RICE	Field Service Engineer	:
Manufacturing Engineer	: T.SHALLOW	Release Engineer	: D.BEAUSOLEIL
Charge Number	: V98-08202	Coordination Number	: MC1253

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : MD-08-DHTSC-B0   Patch Level : 0   Product Date : 16-Jan-77

Description :   1ST Copyright year : 1975   Last Copyright Year : 1977

Expanded Description : TM8-E/TS03 DATA RELIABILITY

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHTSC-B-D		DHTSC-B-PB		DHTSC-B-FA			

--PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION---
PROGRAM WOULD NOT RUN STANDALONE ON THE APT8-A TEST SYSTEM.

--SOLUTION/CORRECTION--
UPDATED PROGRAM TO RUN STANDALONE ON THE APT8-A TEST SYSTEM.

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00 20

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF222

---AUTHORIZATION---
Author   : R.BARNE   Maintaining Group   : SMLSYS
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   : D.RICE   Field Service Engineer   :
Manufacturing Engineer : T.SHALLOW   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V98-08202   Coordination Number   : MC1254

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---------------------------------

Diagnostic Package Code : MD-08-DHTSD-B0   Patch Level : 0   Product Date : 16-Jan-77

Description :   1ST Copyright year : 1975   Last Copyright Year : 1977

Expanded Description : TM8-E/TS03 MULTIDRIVE EXERCISER

---PRODUCT COMPONENTS AFFECTED-----------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Compon Part Nu	Media Variable
DHTSD-B-D		DHTSD-B-PB		DHTSD-B-FA			

--PRODUCTS OBSOLETED----------------------------------

--PROBLEM/DESCRIPTION----------------------------------
PROGRAM WOULD NOT RUN STANDALONE ON THE APT8-A TEST SYSTEM.

--SOLUTION/CORRECTION----------------------------------
UPDATED PROGRAM TO RUN STANDALONE ON THE APT8-A TEST SYSTEM.

--PRODUCT CHARACTERISTICS----------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00 20

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF222

--AUTHORIZATION----------------------------------
Author   : R.BARNES   Maintaining Group   : SMLSYS
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   : D.RICE   Field Service Engineer :
Manufacturing Engineer : T.SHALLOW   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V98-08202   Coordination Number   : MC1255

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-DHTMB-B0   Patch Level : 0   Product Date : 17-Jan-77

Description :   1ST Copyright year : 1972   Last Copyright Year : 1977

Expanded Description : TM8-E CONTROL TEST PART 2

---PRODUCT COMPONENTS AFFECTED----------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHTMB-B-D		DHTMB-B-PB		DHTMB-B-FA			

---PRODUCTS OBSOLETED---------------------------------------

---PROBLEM/DESCRIPTION--------------------------------------
PROGRAM WOULD NOT RUN STANDALONE ON THE APT8-A TEST SYSTEM.

---SOLUTION/CORRECTION--------------------------------------
UPDATED PROGRAM TO RUN STANDALONE ON THE APT8-A TEST SYSTEM
HISTORY STARTS AT REV.B

---PRODUCT CHARACTERISTICS------------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00 20

Device Affected :   TM8E   TU10

Problem Reports Affected   :

Kit Number   : ZF012   ZF184
--AUTHORIZATION---
Author   : BLANK   Maintaining Group   : BLANK
Submitting Engineer   : BLANK   Maintainer   : MISNER
Product Engineer   : D.RICE   Field Service Engineer :
Manufacturing Engineer : T.SHALLOW   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V98-08202   Coordination Number   : MC1248

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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHTMD-BO   Patch Level : 0   Product Date : 17-Jan-77

Description :   1ST Copyright year : 1972   Last Copyright Year : 1977

Expanded Description : TM8-E DATA RELIABILITY 9 TRACK

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHTMD-B-D		DHTMD-B-PB		DHTMD-B-FA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

PROGRAM WOULD NOT RUN STANDALONE ON THE APT8-A TEST SYSTEM.

--SOLUTION/CORRECTION--

UPDATED PROGRAM TO RUN STANDALONE ON THE APT8-A TEST SYSTEM.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00 20

Device Affected :   TM8E   TU10

Problem Reports Affected   :

Kit Number   : ZF012   ZF184

--AUTHORIZATION--

Author	: BLANK	Maintaining Group	: BLANK
Submitting Engineer	: BLANK	Maintainer	: MISNER
Product Engineer	: D.RICE	Field Service Engineer	:
Manufacturing Engineer	: T.SHALLOW	Release Engineer	: D.BEAUSOLEIL
Charge Number	: V98-08202	Coordination Number	: MC1249

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A
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Component Part Number :   DIGITAL EQUIPMENT CORPORATION
                                                          DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHTME-B0   Patch Level : 0   Product Date : 17-Jan-77

Description :   1ST Copyright year : 1972   Last Copyright Year : 1977

Expanded Description : TM8-E DATA RELIABILITY 7 TRACK

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHTME-B-D		DHTME-B-PB		DHTME-B-FA			

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION--
PROGRAM WOULDD NOT RUN STANDALONE ON THE APT8-A TEST SYSTEM.

---SOLUTION/CORRECTION--
UPDATED PROGRAM TO RUN STANDALONE ON THE APT8-A TEST SYSTEM.

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91 92 93 94 12

Operational Environment : 00 20

Device Affected :   TM8E   TU10

Problem Reports Affected :

Kit Number   : ZF012   ZF184
---AUTHORIZATION---
Author   : L.BEYERSDORFER   Maintaining Group   : SMLSYS
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   : D.RICE   Field Service Engineer :
Manufacturing Engineer : T.SHALLOW   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V98-08202   Coordination Number   : MC1250

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A
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Component Part Number :   DIGITAL EQUIPMENT CORPORATION
                                                          DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DHTMF-C0   Patch Level : 0   Product Date : 17-Jan-77

Description :   1ST Copyright year : 1972   Last Copyright Year : 1977

Expanded Description : TM8-E RANDOM EXERCISER

--PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHTMF-C-D		DHTMF-C-PB		DHTMF-C-FA			

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION--
PROGRAM WOULD NOT RUN STANDALONE ON THE APT8-A TEST SYSTEM

---SOLUTION/CORRECTION--
UPDATED PROGRAM TO RUN STANDALONE ON THE APT8-A TEST SYSTEM

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91 93 94 12

Operational Environment : 00 20

Device Affected : TM8E   TU10

Problem Reports Affected :

Kit Number   : ZF012   ZF184
---AUTHORIZATION--
Author   : L.BEYERSDORFER   Maintaining Group   : SMLSYS
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   : D.RICE   Field Service Engineer   :
Manufacturing Engineer : T.SHALLOW   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V98-08202   Coordination Number   : MC1251

Component Part Number :

Component Part Description :

<div style="text-align:center">DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER</div>

ECO Purpose : Change   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-DIPRA-A0 Patch Level : 0   Product Date : 04-Feb-77

Description :   1ST Copyright year : 1977 Last Copyright Year : 1977

Expanded Description : PRS01 PAPER TAPE READER TOGGLE IN PROGRAM FOR KL8J

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

A PROGRAM WAS NEEDED TO AID IN INSTALLING AND MAINTAINING
PRS01 READERS ON PDP-8'S.

------SOLUTION/CORRECTION------

  THIS TOGGLE IN PROGRAM TESTS PRS01 READER CONNECTED VIA A KL8J
OR EQUIVILENT INTERFACE.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass : ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 92 93 94

Operational Environment : 00

Device Affected : PRS01

Problem Reports Affected :

Kit Number   :

------AUTHORIZATION------

Author	: J COMEAU	Maintaining Group	: DIAG
Submitting Engineer	: J COMEAU	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V98-05077	Coordination Number	: MC1302

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DIKIA-A0

Patch Level : 0   Product Date : 11-Feb-77

Description :

1ST Copyright year : 1967   Last Copyright Year : 1977

Expanded Description : PDP-8 INSTRUCTION TEST PART 2A

---PRODUCT COMPONENTS AFFECTED--------------------------------------

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--
FAILURES COULD OCCUR WHEN RUNNING THIS TEST BECAUSE
OF ILLEGAL INTERRUPTS FROM AN ON-LINE LINE PRINTER.

---SOLUTION/CORRECTION--
ADDED AN INSTRUCTIO TO CLEAR THE LINE PRINTER DEVICE FLAG DURING
THE INITIALIZATION OF THIS DIAGNOSTIC.
NOTE: MD-08-DIKIA-A OBSOLESTES AND REPLACES MD-08-D01-A.

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 88 89 90 91 92 93 09 04

Operational Environment : 00

Device Affected :   CPU

Problem Reports Affected :

Kit Number   : ZF001

---AUTHORIZATION--
Author   : S JENSEN   Maintaining Group   : DIAG
Submitting Engineer   : S JENSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   : S JOHNSON
Manufacturing Engineer : W KELLICKER   Release Engineer   : T.DAVIES
Charge Number   : V98-05077   Coordination Number   : MC1129

A

Component Part Number :   DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1
                                                                           DIAGNOSTIC ENGINEERING CHANGE ORDER   Form : B

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DJKKA-C0   Patch Level : 0   Product Date : 15-Feb-77

Description :   1ST Copyright year : 1974   Last Copyright Year : 1977

Expanded Description : PDP-8A CPU TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--
A GLITCH ON THE POWER LINE CAUSE A FALSE FAILURE ERROR MESSAGE
LAND THE PROCESSOR TO HALT. THIS PROBELM OCCURRS ON APT
AND PREVENTS LONG ACCEPTANCE RUNS.

--SOLUTION/CORRECTION---
A DELAY HAS BEEN ADDED TO THE POWER FAILURE, AFTER THE
VOLATILE INFORMATION HAS BEEN SAVED, TO ALLOW
RECOVERY FROM A GLITCH. THIS SOLUTION HAS BEEN IMPLEMENTED
FOR APT ONLY. IT DOES NOT AFFECT THE FIELD.

--PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 10 20

Device Affected :   KK8A

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION---
Author   : S JENSEN   Maintaining Group   : DIAG
Submitting Engineer   : S JENSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V98-05077   Coordination Number   : MC1064

A

Component Part Number :   DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1
                                                                           DIAGNOSTIC ENGINEERING CHANGE ORDER   Form : B

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHRKC-H0   Patch Level : 0   Product Date : 18-Feb-77

Description :   1ST Copyright year : 1972   Last Copyright Year : 1977

Expanded Description : RK8E/RK8L DATA RELIABILITY

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

THIS DECO INTRODUCES THE 'H' REVISION OF THE PROGRAM
WHCIH COVERS ALL PREVIOUS DEPOS AND ALLOWS THE EXERCISING
OF UP TO 8 DRIVES WITH AN RK8L CONTROLLER.

---SOLUTION/CORRECTION---

COMMENT: THE RK8E CONTROLLER WILL RUN 0-3 DRIVES WITH
THE FAMILY OF 8 PROCESSORS.
THE RK8L CONTROLLER WILL RUN 0-7 DRIVES WITH PROCESSORS
STARTING WITH THE PDPPDP8-E AND '8' PROCESSORS DEVELOPED
AFTER THE PDP8-E.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 39 94 12

Operational Environment   : 00 20 99

Device Affected :   RK8E   KR8L   RK05J   RK05J

Problem Reports Affected   :

Kit Number   : ZF008   ZK127   ZF213   ZF012   ZF177

---AUTHORIZATION---

Author	: VROBEL/HEAVEY	Maintaining Group	: SML SYS
Submitting Engineer	: W HEAVEY	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V89-08202	Coordination Number	: MC1199

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHRKD-D0   Patch Level : 0   Product Date : 18-Feb-77

Description :   1ST Copyright year : 1972   Last Copyright Year : 1977

Expanded Description : RK8E/RK8L FORMATTER PROGRAM

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHRKD-D-D		DHRKD-D-PB		DHRKD-D-FA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94 12

Operational Environment : 00 20 '

Device Affected :   RK8E   RK05F   RK05J   RK8L

Problem Reports Affected :

Kit Number   : ZF008   ZF231   ZF012   ZF177   ZK127

--AUTHORIZATION--

Author   : W.HEAVEY   Maintaining Group   : SMLSYS
Submitting Engineer   : W.HEAVEY   Maintainer   : MISNER
Product Engineer   : W.HEAVEY   Field Service Engineer : B.EASH
Manufacturing Engineer : KELLICHT   Release Engineer   : D.BEAUSOLEIL
Charge Number   : V89-08202   Coordination Number   : MC1201

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-D0A-B0   Patch Level : 0   Product Date : 06-Mar-77

Description :   1ST Copyright year : 1971   Last Copyright Year : 1971

Expanded Description : Memory Protect Test

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 94

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author   : E. Steinberger   Maintaining Group   : Diag.
Submitting Engineer   : Steinberger   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : Fuller
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
----------------------------------PRODUCT IDENTIFICATION----------------------------------
Diagnostic Package Code : MD-08-DHLQA-A0   Patch Level : 0   Product Date : 15-Mar-77

Description :   1ST Copyright year : 1977   Last Copyright Year : 1977

Expanded Description : DEC/X8 MODULE 'LQP-8'

----------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------

----------------------------------PRODUCTS OBSOLETED----------------------------------
----------------------------------PROBLEM/DESCRIPTION----------------------------------

----------------------------------SOLUTION/CORRECTION----------------------------------

----------------------------------PRODUCT CHARACTERISTICS----------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 40

Device Affected :

Problem Reports Affected   :

Kit Number   :
----------------------------------AUTHORIZATION----------------------------------
Author   : Dave Orin   Maintaining Group   : DIAG
Submitting Engineer   : Dave Orin   Maintainer   : Dave Orin
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V40-08224   Coordination Number   : MC1125

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHLQB-A0   Patch Level : 0   Product Date : 15-Mar-77

Description :   1ST Copyright year : 1977   Last Copyright Year : 1977

Expanded Description : LQP-8 MULTIPLE PRINTER DIAG

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author   : D ORIN   Maintaining Group   : DIAG
Submitting Engineer   : D. ORIN   Maintainer   : G JOHNSON
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T.DAVIES
Charge Number   : V40-03224   Coordination Number   : MC1126

A

Component Part Number :   DIGITAL EQUIPMENT CORPORATION
                                                                           DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---------------------------------------
Diagnostic Package Code : MD-08-DHPCA-A0   Patch Level : 0   Product Date : 15-Mar-77

Description :   1ST Copyright year : 1971   Last Copyright Year : 1975

Expanded Description : HIGHSPEED READER/PUNCH TEST

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---
REPLACES MD-8E-D2CA

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF011   ZF173   ZF171
---AUTHORIZATION---
Author   : S JENSEN   Maintaining Group   : DIAG
Submitting Engineer   : S JENSEN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T.DAVIES
Charge Number   : V98-05077   Coordination Number   : MC0939

A

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number :

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DIDBA-A0

Patch Level : 0

Product Date : 15-Mar-77

Description :

1ST Copyright year : 1971

Last Copyright Year : 1977

Expanded Description : DB8-E INTERPROCESSOR BUFFER TEST

---PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF120

--AUTHORIZATION--

Author	: D RICE	Maintaining Group	: DIAG
Submitting Engineer	: D RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V89-08202	Coordination Number	: MC1104

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-DHMRB-B0

Patch Level : 0

Product Date : 14-Apr-77

Description :

1ST Copyright year : 1973

Last Copyright Year : 1977

Expanded Description : MR8-EA READ ONLY MEMORY TEST

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

THE SECOND COLUMN OF INSERT ERROR PRINTOUT IS INCORRECT
FOR EVEN ADDRESSES.

------SOLUTION/CORRECTION------

CORRECTED INSERT ERROR PRINTOUT
ROUTNE FOR EVEN ADDRESSES TO RETRIEVE THE CORRECT DATA
FOR PRINTING
HISTORY STATS AT REV. B

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91

Operational Environment : 00

Device Affected :   MR8EA

Problem Reports Affected :

Kit Number   : ZF165

------AUTHORIZATION------

Author	: S. JENSEN	Maintaining Group	: PRO ENG
Submitting Engineer	: S. JENSEN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: T SHALLOW	Release Engineer	: T.DAVIES
Charge Number	: E98-05077	Coordination Number	: MC1330

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHRKA-B0   Patch Level : 0   Product Date : 21-Apr-77

Description :   1ST Copyright year : 1972   Last Copyright Year : 1977

Expanded Description : DEC/X8 MODULE ''RK8EDS''

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--
MD-X8-DHRKA-A was updated to a 'B' revision to include
the capability of testing 0-7 RK05 Drives with an
RK8L Controller.

--SOLUTION/CORRECTION--
history count starts at REV. B.

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94

Operational Environment   : 00 20 99

Device Affected :   RK8E   RK8L

Problem Reports Affected   :

Kit Number   : ZF229   ZK229
--AUTHORIZATION--
Author   : W Heavey   Maintaining Group   : DIAG
Submitting Engineer   : W Heavey   Maintainer   : J Vrobel
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer : T Shallow III   Release Engineer   : T Davies
Charge Number   : V89-08202   Coordination Number   : MC1291

A
Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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A                                                                                                      PAGE 1 OF 1
                                           DIGITAL EQUIPMENT CORPORATION                                Form : B
Component Part Number :                    DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :                    ECO Purpose : Change                  Approved : Yes
-------------------------------------------------PRODUCT IDENTIFICATION-------------------------------------------------
Diagnostic Package Code : MD-08-DHRKE-A0        Patch Level : 0                       Product Date : 21-Apr-77

Description :                                   1ST Copyright year : 1977             Last Copyright Year : 1977

Expanded Description : RK8L INSTRUCTION TEST
---------------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------------
  Component      Media          Component      Media          Component      Media          Component      Media
  Part Number    Variable       Part Number    Variable       Part Number    Variable       Part Number    Variable
  DHRKE-A-D                     DHRKE-A-PB                     DHRKE-A-FA



---------------------------------------------------PRODUCTS OBSOLETED---------------------------------------------------
---------------------------------------------------PROBLEM/DESCRIPTION---------------------------------------------------
THIS DECO INTRODUCES MD-08-DHRKE-A.



---------------------------------------------------SOLUTION/CORRECTION---------------------------------------------------



---------------------------------------------------PRODUCT CHARACTERISTICS---------------------------------------------------
Run Time (seconds) 1st Pass :            2nd Pass :        ACT Sequence Number :              Multimedia Affected : Yes

Processors                : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RK8L

Problem Reports Affected  :

Kit Number                : ZF008     ZF214     ZF012     ZF231
---------------------------------------------------AUTHORIZATION---------------------------------------------------
Author                    : W.HEAVEY                      Maintaining Group        : SMLSYS
Submitting Engineer       : W.HEAVEY                      Maintainer               : MISNER
Product Engineer          : W.HEAVEY                      Field Service Engineer   :
Manufacturing Engineer    : T.SHALLOW                     Release Engineer         : D.BEAUSOLEIL
Charge Number             : V89-08202                     Coordination Number      : MC1290
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Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DIRXB-EO   Patch Level : 0   Product Date : 01-May-77

Description :   1ST Copyright year : 1975   Last Copyright Year : 1977

Expanded Description : RX8-RX01 DATA RELIABILITY/EXERCISER PROGRAM

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---
DOCUMENT INDICATE INCORRECT TRACK AND SECTOR ADDRESSES.
DIAGNOSTIC COULD NOT DETECT A RAMP MISADJUSTMENT.

---SOLUTION/CORRECTION---
THE DOCUMENT WAS CORRECTED TO REFLECT THE PROPER INFORMATION.
THE DIAGNOSTIC WAS UPDATED TO INCLUDE A TEST FOR THE
RAMP MISADJUSTMENT.

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94 12

Operational Environment : 00 20 99

Device Affected :   RX8E   RX01

Problem Reports Affected :

Kit Number   : ZF008   ZR122   ZF177   ZF012   ZF127
---AUTHORIZATION---
Author   : M. STURAK   Maintaining Group   : SML SYS
Submitting Engineer   : D. RICE   Maintainer   : G. JOHNSON
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer : T SHALLOW   Release Engineer   : T.DAVIES
Charge Number   : V89-08202   Coordination Number   : MC1380

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DJMRB-A0   Patch Level : 0   Product Date : 02-May-77

Description :   1ST Copyright year : 1977   Last Copyright Year : 1977

Expanded Description : MR8-SA ROM LOADER PROGRAM

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

THIS DECO INTRODUCES MD-08-DJMRB-A. THE MR8-SA ROM
LOADER PROGRAM IS USED TO BLAST/VERIFY MR8-A ROM
BOARDS WITH THE MR8-SA OPTION.

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91 92

Operational Environment   : 00 99

Device Affected :   MR8SA

Problem Reports Affected   :

Kit Number   : ZF204

--AUTHORIZATION--

Author	: W HEAVEY	Maintaining Group	: DIAG
Submitting Engineer	: W HEAVEY	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: T.SHALLOW	Release Engineer	: T.DAVIES
Charge Number	: V89-08202	Coordination Number	: MC1554

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-DJMRC-A0   Patch Level : 0   Product Date : 02-May-77

Description :   1ST Copyright year : 1977   Last Copyright Year : 1977

Expanded Description : MR8-SA ROM MAINTENANCE DIAGNOSTICS

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DJMRC-A-D		DJMRC-A-PB		DJMRC-A-FA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---
THIS DECO INTRODUCES MD-08-DJMRC-A. THE MR8-SA ROM
MAINTENANCE DIAGNOSTIC IS USED TO CALIBRATE, TEST
AND VERIFY THE MR8-SA ROM LOADER ELECTRONICS.

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91 92

Operational Environment   : 00 99

Device Affected :   MR8SA

Problem Reports Affected :

Kit Number   : ZF204

---AUTHORIZATION---
Author   : W HEAVEY   Maintaining Group   : DIAG
Submitting Engineer   : W HEAVEY   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer : T.SHALLOW   Release Engineer   : T.DAVIES
Charge Number   : V89-08202   Coordination Number   : MC1455

Component Part Number :

<div align="center">

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

</div>

Component Part Description :

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DILPE-CO

Patch Level : 0

Product Date : 04-May-77

Description :

1ST Copyright year : 1974

Last Copyright Year : 1977

Expanded Description : LP04/LP08 AND LP14 LINE PRONTER TEST

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

THE DIAGNOSTIC NEEDED TO BE UPDATED
TO TEST THE LP14 WHICH IS A HIGHER SPEED PRINTER
AND HAS A DIFFERENT ARRANGEMENT OF THE CHARACTER ON THE DRUM.

--SOLUTION/CORRECTION--

ADDED A SWITCH FOR LP14'S. MODIFIED THE PRINT SPEED TEST
FOR DIFFERENT CHARACTER ARRANGEMENT AND HIGHER SPEED.
MODIFIED HIGH SPEED PRINTER TEST AND DRUM PATTERN TEST FOR
DIFFERENT CHARACTER ARRAGEMENT.
HISTORY STARTS AT REV C

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 92 93 94 12

Operational Environment   : 00

Device Affected :   LP05   LP08   LP14

Problem Reports Affected   :

Kit Number   : ZF008   ZF011   ZF210

--AUTHORIZATION--

Author	: S JENSEN	Maintaining Group	: DIAG
Submitting Engineer	: S JENSEN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: E98-05368	Coordination Number	: MC1331

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION-----------------------------------
Diagnostic Package Code : MD-08-DIG-C0   Patch Level : 0   Product Date : 21-Jun-77

Description :   1ST Copyright year : 1974   Last Copyright Year : 1974

Expanded Description : PDP-8L Extended Memory Control (8K)

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED---
--PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 94

Operational Environment   : 00

Device Affected :   KM8L

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION--
Author   : Vrobel   Maintaining Group   : Diag.
Submitting Engineer   : Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : Fuller
Charge Number   : V00-00000   Coordination Number   : MC0000

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING PATCH ORDER

Component Part Description :

ECO Purpose : Patch

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-DJFPB-B1

Patch Level : 1

Product Date : 28-Jun-77

Description :

1ST Copyright year : 1976

Last Copyright Year : 1977

Expanded Description : FPP-8A INSTURCTION TEST AND DATA EXERCISER

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

IF RUNNING DATA EXERCISER ON SYSTEM WITH A MEMORY
SIZE MORE THAN 16K, THE PROGRAM WILL GENERATE EXPONENTS
FOR "TEST 15" THAT CANNOT BE ALIGNED IN CALCULATIONS
MADE IN FIELDS 4-7.

---SOLUTION/CORRECTION---

PLEASE MAKE THE FOLLOWING PATCH I FIELD 1:

---DEPO PATCH AREA---

Loc	From	To	Mnemonic		Loc	From	To	Mnemonic
10701	3014	5363						
10763	3014	3014						
10764	3014	7100						
10765	3014	5302						

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Envir ment   : 00 20 99

Device Affected :   FPP8A

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: W HEAVEY	Maintaining Group	: DIAG
Submitting Engineer	: W HEAVEY	Maintainer	: G JOHNSON
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V89-08202	Coordination Number	: MC1453

Component Part Number :

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHLQA-BO   Patch Level : 0   Product Date : 06-Jul-77

Description :   1ST Copyright year : 1977   Last Copyright Year : 1977

Expanded Description : LQP-8 PRINTER DIAGNOSTIC

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---
PROGRAM NEEDS CHANGES TO MAKE COMPATINLE WITH VT78;
CORRECT POWER FAIL AND LOOP ON TEST MALFUNCTONS.

---SOLUTION/CORRECTION---
ADDED CODE TO TEST IF RUNNING UNDER VT78 CONTROL.
IF SO, AVOID TESTING OF STATUS F IS 5 8 & 9 WHICH
DO NOT EXIST IN VT78 PRINTER INTERFACE.

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 99

Device Affected :   VT78

Problem Reports Affected   :

Kit Number   : ZF008   ZF014
---AUTHORIZATION---
Author   : DAVID ORIN   Maintaining Group   : DIAG
Submitting Engineer   : B. POLAND   Maintainer   : BOB MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer : T SHALLOW   Release Engineer   : T.DAVIES
Charge Number   : E89-09394   Coordination Number   : MC1459

Component Part Number :

A

Component Part Number :

Component Part Description :

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DIRXA-D0

Patch Level : 0

Product Date : 06-Jul-77

Description :

1ST Copyright year : 1975

Last Copyright Year : 1977

Expanded Description : RX8/RK01 DIAGNOSTIC PROGRAM

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

1) PROGRAM NEEDS CHANGES TO MAKE COMPATIBLE FOR VT78

--SOLUTION/CORRECTION--

1) MADE NECESSARY CHANGES FOR COMPATIBILITY
2) ADDED NEW CONSOLE PACKAGE

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 780   2nd Pass : 780   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 92

Operational Environment   : 00 22 99

Device Affected :   RX8E   RX01

Problem Reports Affected   :

Kit Number   : ZF008   ZF014   ZF010   ZF220

--AUTHORIZATION--

Author	: B. LECOQ	Maintaining Group	: DIAG
Submitting Engineer	: B. LECOQ	Maintainer	: BOB MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: T SHALLOW	Release Engineer	: T.DAVIES
Charge Number	: E89-09394	Coordination Number	: MC1458

A

| Component Part Number : | DIGITAL EQUIPMENT CORPORATION | PAGE 1 OF 1 |
| | DIAGNOSTIC ENGINEERING CHANGE ORDER | Form : B |

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DJEXC-B0   Patch Level : 0   Product Date : 06-Jul-77

Description :   1ST Copyright year : 1975   Last Copyright Year : 1977

Expanded Description : 4K TO 32K PDP-8A PROCESSOR EXERCISER

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---
1) NOT COMPATIBLE FOR VT78

---SOLUTION/CORRECTION---
1) MADE MECESSARY CHANGES FOR VT78 COMPATIBILITY
2) ADDED NEW CONSOLE PACKAGE
HISTORY STARTS AT REV B.

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass : 120   2nd Pass : 120   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00 20 99

Device Affected :   PDP8A

Problem Reports Affected   :

Kit Number   : ZF008   ZF014   ZF009
---AUTHORIZATION---
Author   : BRUCE HANSEN   Maintaining Group   : DIAG
Submitting Engineer   : B POLAND   Maintainer   : BOB MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer : T SHALLOW   Release Engineer   : T.DAVIES
Charge Number   : E89-09394   Coordination Number   : MC1460

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DKVTA-A0

Patch Level : 0

Product Date : 06-Jul-77

Description :

1ST Copyright yea · 1977

Last Copyright Year : 1977

Expanded Description : VT78 MOS MEMORY DIAGNOSTIC

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 75   2nd Pass : 75   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment : 00 20 99

Device Affected :   VT78

Problem Reports Affected :

Kit Number   : ZF014

--AUTHORIZATION--

Author		Maintaining Group	: DIAG
Submitting Engineer	: R LECOG	Maintainer	: BOB MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: E89-09394	Coordination Number	: MC1456

Author : B. LECOQ

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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Form : B

Component Part Description :

ECO Purpose : Change   Approved : Yes
------------------------------------PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : MD-08-DKVTB-A0   Patch Level : 0   Product Date : 06-Jul-77

Description :   1ST Copyright year : 1977   Last Copyright Year : 1977

Expanded Description : VT78 CPU DIAGNOSTIC

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass : 20   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00 20 99

Device Affected :   VT78

Problem Reports Affected :

Kit Number   : ZF014

---AUTHORIZATION---
Author   : B POLAND   Maintaining Group   : D \G
Submitting Engineer   : B POLAND   Maintainer   : E S MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer : T SHALLOW II   Release Engineer   : T.DAVIES
Charge Number   : E89-09394   Coordination Number   : MC1457

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

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A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DIQAC-EO

Patch Level : 0

Product Date : 18-Jul-77

Description :

1ST Copyright year : 1976

Last Copyright Year : 1977

Expanded Description : PDP-8 MAINDEX INDEX

---PRODUCT COMPONENTS AFFECTED-------------------------------------

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION--

INDEX WAS UPDATE TO REFLECT CHANGES TC PDP-8 DIAGNOSTICS

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: RELENG	Maintaining Group	: RELENG
Submitting Engineer	: C CINNAMON	Maintainer	: RELENG
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V98-08162	Coordination Number	: MC1494

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

A

Component Part Number :

Component Part Description :

Diagnostic Package Code : MD-08-DIZAA-F0

Description :

Expanded Description : PDP8 MULTIMEDIA

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---------------------------------
Patch Level : 0   Product Date : 18-Jul-77

1ST Copyright year : 1976   Last Copyright Year : 1977

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--
THE FOLLOWING MULIT-MEDIA REVISIONS WILL BE EFFECTIVE IN
AUGUST 1977.

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--
Author	: RELENG	Maintaining Group	: RELENG
Submitting Engineer	: L. WILLIAMS	Maintainer	: RELENG
Product Engineer	: RELENG	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: V98-08162	Coordination Number	: MC1493

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : MD-08-DJDKA-DO   Patch Level : 0   Product Date : 06-Jul-77

Description :   1ST Copyright year : 1974   Last Copyright Year : 1977

Expanded Description : DKC8-AA OPTION TEST #1

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DJDKA-D-D		DJDKA-D-PB		DJDKA-D-FA		DJDKA-D-UA	

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

NEW MULTIPLE OPTION CONTROLLER HARDWARE REQUIRED
PROGRAM MODIFICATION AND DOCUMENT UPDATE.

------SOLUTION/CORRECTION------

MODIFIED AND UPDATED FOR MULTIPLE OPTION CONTROLLER
(4K VERSION ONLY)

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00 99 20

Device Affected :   DKC8-AA

Problem Reports Affected   : CC0000753

Kit Number   : ZF010   ZF206   ZF208   ZF207

------AUTHORIZATION------

Author	: B HANSEN	Maintaining Group	: SM SYS
Submitting Engineer	: D. ORIN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: D. BROWN	Release Engineer	: S. DUMDEY
Charge Number	: V89 -08202	Coordination Number	: MC1469

Component Part Number :

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DJKLA-D0   Patch Level : 0   Product Date : 06-Jul-77

Description :   1ST Copyright year : 1975   Last Copyright Year : 1977

Expanded Description : KL8-A MULTIPLE SERIAL LINE UNIT DIAG

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DJKLA-D-D		DJKLA-D-PB		DJKLA-D-FA		DJKLA-D-UA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--
NEW MULTIPLE OPTION CONTROLLER HARDWARE REQUIRED
PROGRAM MODIFICATION.

--SOLUTION/CORRECTION--
CREATED CONDITIONAL ASSEMBLY SOURCES DJKLAD. SRC
AND DJKLBD. SRC AND MAIN SOURCE DJKLXD. SRC,
DJKLAD. BIN IS THE PROGRAM WITHOUT MULTIPLE
OPTION CONTROLLER CAPABILITY. DJKLBD. BIN HAS
THE MULTIPLE OPTION CAPABILITY WHICH REQUIRED
DELETION OF THE TERMINAL TEST.

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 99 20

Device Affected :   KL8-A

Problem Reports Affected   : CC0000751

Kit Number   : ZF011   ZF225

--AUTHORIZATION--
Author   : B HANSEN   Maintaining Group   : SM SYS
Submitting Engineer   : D. ORIN   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer : D. BROWN   Release Engineer   : S. DUMDEY
Charge Number   : V89 -08202   Coordination Number   : MC1470

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-DJKMA-C0   Patch Level : 0   Product Date : 06-Jul-77

Description :   1ST Copyright year : 1974   Last Copyright Year : 1977

Expanded Description : KM8-A OPTION TEST #2

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DJKMA-C-D		DJKMA-C-PB1		DJKMA-C-FA		DJKMA-C-UA	
DJKMA-C-PB2		DJKMA-C-PB3		DJKMA-C-PB4		DJKMA-C-PB5	
DJKMA-C-PM1		DJKMA-C-PM2		DJKMA-C-PM3		DJKMA-C-PM4	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

NEW MULTIPLEL OPTION CONTROLLER HARDWARE REQUIRED
PROGRAM MODIFICATION AND DOCUMENT UPDATE.

---SOLUTION/CORRECTION---

MODIFIED AND UPDATED FOR MULTIPLE OPTION CONTROLLER
(4K VERSION ONLY)

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00 99 20

Device Affected :   KM8-A

Problem Reports Affected   :

Kit Number   : ZF010   ZF206   ZF209

---AUTHORIZATION---

Author	: B HANSEN	Maintaining Group	: SM SYS
Submitting Engineer	: D. ORIN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: D. BROWN	Release Engineer	: S. DUMDEY
Charge Number	: V89 -08202	Coordination Number	: MC1478

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DIKLA-C0   Patch Level : 0   Product Date : 06-Jul-77

Description :   1ST Copyright year : 1973   Last Copyright Year : 1977

Expanded Description : KL8-JA/KA/KB/KC/KD LOOP BACK TEST

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DIKLA-C-D		DIKLA-C-PB		DIKLA-C-FA			

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION---
1. NEW MULTIPLE OPTION CONTROLLER HARDWARE REQUIRED PROGRAM
MODIFICATION AND DOCUMENT UPDATE.
2. PROGRAM REQUIRED APT COMPATIBILITY AND SWITCHLESS
CAPABILITY.

--SOLUTION/CORRECTION--
1. MODIFIED AND UPDATED FOR MULTIPLE OPTION CONTROLLER.
2. ADDED APT CODE AND CONSOLE PACKAGE.

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 12

Operational Environment   : 00 99 20

Device Affected :   KL8J

Problem Reports Affected   : CC0000752

Kit Number   : ZF010   ZF144

--AUTHORIZATION---
Author   : B. HANSEN   Maintaining Group   : SM SYS
Submitting Engineer   : D ORIN   Maintainer   : JOHNSON
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   : T. SHALLOW   Release Engineer   : S. DUMDEY
Charge Number   : V89 -08202   Coordination Number   : MC1472

A

Component Part Number :

PAGE 1 OF 1
Form : B

Component Part Description :   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DJFPB-C0   Patch Level : 0   Product Date : 02-Sep-77

Description :   1ST Copyright year : 1976   Last Copyright Year : 1977

Expanded Description : FPP-8A INSTRUCTION TEST AND DATA EXERCISER

---PRODUCT COMPONENTS AFFECTED---
Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DJFPB-C-D		DJFPB-C-PB		DJFPB-C-FA			

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--
THIS DECO 'MD-08'DJFPB-C''. THE ''C'' REVISION SOLVES
THE PROBLEM DESCRIBED IN DEPO FOR MD-08-DJFPB-B.
THE DEPO CORRECTED EXPONENT ALIGNMENT PROBLEMS
WHEN RUNNING PROGRAM WITH MEMORY SIZE OVER 16K.

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   FPP-8A

Problem Reports Affected   :

Kit Number   : ZF011   ZF226   ZF214
--AUTHORIZATION--
Author   : W HEAVEY   Maintaining Group   : SM SYS
Submitting Engineer   : W HEAVEY   Maintainer   : MISNER
Product Engineer   : D. WHITE   Field Service Engineer : B. EASH
Manufacturing Engineer : D. BROWN   Release Engineer   : S. DUMDEY
Charge Number   : V89-08202   Coordination Number   : MC1526

```
Component Part Number :                                DIGITAL EQUIPMENT CORPORATION
                                                  DIAGNOSTIC ENGINEERING CHANGE ORDER
Component Part Description :                            ECO Purpose : Change                      Approved : Yes
                                        --------------PRODUCT IDENTIFICATION-------------------------------------------------
Diagnostic Package Code : MD-08-DHKEB-B0               Patch Level : 0                            Product Date : 21-Sep-77

Description :                                          1ST Copyright year : 1972                  Last Copyright Year : 1977

Expanded Description : KE8-A (EAE) INSTRUCTION TEST 1
------------------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------------------
  Component      Media              Component      Media              Component      Media              Component      Media
  Part Number    Variable           Part Number    Variable           Part Number    Variable           Part Number    Variable
  DHKEB-B-D                         DHKEB-B-PB                         DHKEB-B-FA                         DHKEB-B-UA


--------------------------------------------------PRODUCTS OBSOLETED------------------------------------------------------------
--------------------------------------------------PROBLEM/DESCRIPTION-----------------------------------------------------------
PROGRAM ENTERED ''TICK'' SUBROUTINE WITHOUT A CLEARED
ACC AND CONSEQUENTLY FALSELY RECOGNIZED ''APT''
AS BEING AVAILABLE, THEREBY PROCEEDING TO BRANCH
ACCORDING TO ''APT'', RESULTING IN PROGRAM FAILURE.


--------------------------------------------------SOLUTION/CORRECTION-----------------------------------------------------------
1. CLEAR ACC AS ''TICK'' ROUTINE IS ENTERED.
2. FOUND INCORRECT COMBINATION OF A SUBROUTINE
CALL AND A MICPOINSTRUCTION WRITTEN AS ONE COMMAND.


--------------------------------------------------PRODUCT CHARACTERISTICS-------------------------------------------------------
Run Time (seconds) 1st Pass : 390       2nd Pass : 390    ACT Sequence Number :                   Multimedia Affected : Yes

Processors                 : 88

Operational Environment    : 00 20 99

Device Affected :   KE8-E

Problem Reports Affected   :

Kit Number                 : ZF011    ZF139    ZF013
--------------------------------------------------AUTHORIZATION-----------------------------------------------------------------
Author                     : A. BALAMOTIS              Maintaining Group        : PRO ENH
Submitting Engineer        : A. BALAMOTIS              Maintainer               : MISNER
Product Engineer           :                           Field Service Engineer   :
Manufacturing Engineer     : D. BROWN                  Release Engineer         : S. DUMDEY
Charge Number              : V98 -08162                Coordination Number      : MC1551
```

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DD9E-C0   Patch Level : 0   Product Date : 08-Nov-77

Description :   1ST Copyright year : 1968   Last Copyright Year : 1974

Expanded Description : INSTRUCTION TEST PART 2 (TC58)

---PRODUCT COMPONENTS AFFECTED---

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION---

--SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   TC58   TU20   TU10

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: J Roderhiser	Maintaining Group	: DIAG
Submitting Engineer	: J Roderhiser	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T Davies
Charge Number	: V00-00000	Coordination Number	: MC0000

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DD9F-C0   Patch Level : 0   Product Date : 08-Nov-77

Description :   1ST Copyright year : 1969   Last Copyright Year : 1974

Expanded Description : DATA RELIABILITY TEST (9TRACK) (TC58)

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment : 00

Device Affected :   TU20   TU10   TC58

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--
Author   : J Rodenhiser   Maintaining Group   : diag
Submitting Engineer   : J Rodenhiser   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :   DIGITAL EQUIPMENT CORPORATION
                                                 DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DD2Q-D0   Patch Level : 0   Product Date : 09-Nov-77

Description :   1ST Copyright year : 1968   Last Copyright Year : 1974

Expanded Description : FAMILY OF 8 ASR33/35 TTY TEST 2

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93

Operational Environment   : 00

Device Affected :   ASR33   ASR35

Problem Reports Affected   :

Kit Number   :
---AUTHORIZATION---
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

                              DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1
                           DIAGNOSTIC ENGINEERING CHANGE ORDER   Form : B

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION-----------------------------------
Diagnostic Package Code : MD-08-DD3E-BO   Patch Level : 0   Product Date : 09-Nov-77

Description :   1ST Copyright year : 1968   Last Copyright Year : 1974

Exp ded Description : TC01 EXTENDED MEMORY EXERCISER

--PRODUCT COMPONENTS AFFECTED-----------------------------------

--PRODUCTS OBSOLETED-----------------------------------
--PROBLEM/DESCRIPTION-----------------------------------

--SOLUTION/CORRECTION-----------------------------------

--PRODUCT CHARACTERISTICS-----------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :   TC01   TC08   TU55   TU56

Problem Reports Affected   :

Kit Number   :
--AUTHORIZATION-----------------------------------
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J VRobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number   : MC0000

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
------------------------------PRODUCT IDENTIFICATION------------------------------

Diagnostic Package Code : MD-08-DD3R-A0

Description :

Expanded Description : TC01 RANDOM EXERCISER

Patch Level : 0   Product Date : 09-Nov-77

1ST Copyright year : 1967   Last Copyright Year : 1974

-------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------

-------------------------------------PRODUCTS OBSOLETED-------------------------------------

-------------------------------------PROBLEM/DESCRIPTION-------------------------------------

-------------------------------------SOLUTION/CORRECTION-------------------------------------

-------------------------------------PRODUCT CHARACTERISTICS-------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 00

Device Affected :   TC01   TC08   TU56   TU55

Problem Reports Affected   :

Kit Number   :

-------------------------------------AUTHORIZATION-------------------------------------
Author   : J Vrobel   Maintaining Group   : DIAG
Submitting Engineer   : J Vrobel   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : T Davies
Charge Number   : V00-00000   Coordination Number : MC0000

A

Component Part Number :

Component Part Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DD6T-A0   Patch Level : 0   Product Date : 09-Nov-77

Description :   1ST Copyright year : 1968   Last Copyright Year : 1974

Expanded Description : AA05/AA07 CALIBRATION CHECK

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93 88

Operational Environment   : 00

Device Affected :   AA05   AA07

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : J Hittell   Maintaining Group   : DIAG
Submitting Engineer   : J HITTELL   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : T DAVIES
Charge Number   : V00-00000   Coordination Number   : MC0000

A
Component Part Number : AE-E009A-A0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

```
A
                                                    DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number : AF-E009A-A0                 DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B
Component Part Description : ECO TALLY 00               ECO Purpose : New                      Approved : Yes
-----------------------------------------------------PRODUCT IDENTIFICATION------------------------------------------------
Diagnostic Package Code : ARMMA-A0                     Patch Level : 0                         Product Date : 02-Dec-77
Description : ARMMAA0 32K SPC MM11-YP MEM              1ST Copyright year : 1977               Last Copyright Year : 1977
Expanded Description :
```

```
----------------------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------------
 Component      Media            Component      Media            Component      Media            Component      Media
 Part Number    Variable         Part Number    Variable         Part Number    Variable         Part Number    Variable
 AC-E009A-AA                     AK-E010A-AA                      AL-E011A-NA
```

```
----------------------------------------------------PRODUCTS OBSOLETED----------------------------------------------------
```

```
----------------------------------------------------PROBLEM/DESCRIPTION----------------------------------------------------
The ARMMA (32k SPC) program is a new release that will
be used to check out MM11-YP memory systems.
```

```
----------------------------------------------------SOLUTION/CORRECTION----------------------------------------------------
```

```
----------------------------------------------------PRODUCT CHARACTERISTICS-------------------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :       ACT Sequence Number :             Multimedia Affected : No
Processors               : 89
Operational Environment  : 40
Device Affected :   MM11YP
Problem Reports Affected :
Kit Number               :
```

```
----------------------------------------------------AUTHORIZATION----------------------------------------------------------
Author                  : A Williams               Maintaining Group        : Mem Diag
Submitting Engineer     : A Williams               Maintainer               : MISNER
Product Engineer        :                          Field Service Engineer   :
Manufacturing Engineer  : R Hill                   Release Engineer         : K Fleming
Charge Number           : V96-0610C                Coordination Number      : MC1681
```

OF 1

A
Component Part Number : 00-00000-00   DIGITAL EQUIPMENT CORPORATION   PAGE 1 OF 1
                                           DIAGNOSTIC ENGINEERING CHANGE ORDER Form : B

Component Part Number : 00-00000-00

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AHKEC-B0

Patch Level : 0

Product Date : 07-Dec-77

Description : AHKECB0 KE8-E INSTR TEST 2

1ST Copyright year : 1972

Last Copyright Year : 1977

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6273B-MA		AK-6275B-MA		AH-6274B-MA		AF-6273B-MA	

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

Incorrect information in the instructions tended to
confuse the user.

------SOLUTION/CORRECTION------

Fixed instructions; program O.K.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass : 600   2nd Pass : 600   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90

Operational Environment   : 00 20

Device Affected :   KE8E   EAE

Problem Reports Affected   : CC0000817

Kit Number   : ZF011   ZF013   ZF139

------AUTHORIZATION------

Author	: A. Balamotis	Maintaining Group	: Diag. Eng
Submitting Engineer	: A. Balamotis	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: K. Fleming
Charge Number	: V98-05077	Coordination Number	: MC1622

A

Component Part Number : 00-00000-00

Component Part Description : NA

ECO Purpose : New   Approved : Yes

--------------------------------------PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXLAA-A0   Patch Level : 0   Product Date : 21-Dec-77

Description : NA   1ST Copyright year : 1977   Last Copyright Year : 1977

Expanded Description :

------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C692A-MA		AK-C694A-MA		AH-C693A-MA			

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION---

Needed Dec-X8 module to exercise the LA-180 line
printer when driven by a PDP-8/A parallel I/O
board #8316-D.

---SOLUTION/CORRECTION---

Creation of "AXLAAA0" which was derived from the
DEC/X8 module "PRNTER".

---------------------------------------PRODUCT CHARACTERISTICS---------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 20 50

Device Affected :   LA180

Problem Reports Affected   : CC0000860

Kit Number   : ZF008   ZF014

--AUTHORIZATION--

Author	: A. Balamotis	Maintaining Group	: Diag. Eng
Submitting Engineer	: A. Balamotis	Maintainer	: J Vrobel
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: K. Fleming
Charge Number	: V98-05077	Coordination Number	: MC1659

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DHKMA-D0   Patch Level : 0   Product Date : 10-Jan-78

Description :   1ST Copyright year : 1972   Last Copyright Year : 1977

Expanded Description : PDP-8E Extended Memory Data and Checkerboard Test

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DHKMA-D-D	'	DHKMA-D-PB		DHKMA-D-FA			

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---
Diagnostic did not support memories greater than 32K.
No test of MOS memory was provided,

---SOLUTION/CORRECTION---
Diagnostic was updated to include a march pattern for
the MS8-E and updated to allow testing of 128K of
memory.

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00 20 99

Device Affected :   KM8E   KM8A

Problem Reports Affected   : CC0000843

Kit Number   : ZF234   ZF009   7F235   ZF209   ZF008   7F010   ZF146

---AUTHORIZATION---
Author   : V Frey   Maintaining Group   : Small Sys
Submitting Engineer   : D Rice   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer : Carl Cline
Manufacturing Engineer   :   Release Engineer   : K Fleming
Charge Number   : V89-08825   Coordination Number   : MC1721
---CONTINUATION---
DEPO PATCH AREA CONTINUED;   ZF234-PB
ZF010-PB

A

Component Part Number :

Component Part Description :

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--

Diagnostic Package Code : MD-08-DHKMC-CO   Patch Level : 0   Product Date : 10-Jan-78

Description :   1ST Copyright year : 1971   Last Copyright Year : 1977

Expanded Description : PDP-8E EXTENDED MEMORY ADDRESS TEST (EAE)

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94 12

Operational Environment   : 00 20 99

Device Affected :   KM8E   KM8A

Problem Reports Affected   : CC0000855

Kit Number   : ZF234   ZF009   ZF010   ZF209   ZF235   ZF146   ZF008

--AUTHORIZATION--

Author	: V Frey	Maintaining Group	: Small Sys
Submitting Engineer	: D Rice	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: C Cline
Manufacturing Engineer	:	Release Engineer	: K Fleming
Charge Number	: V89-08825	Coordination Number	: MC1782

--CONTINUATION--
DEPO PATCH AREA CONTINUED;   ZF234-PB
ZF146-PB

Component Part Number :

Component Part Description :   ECO Purpose : Patch   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : MD-08-DIRXB-E1   Patch Level : 1   Product Date : 10-Jan-78

Description :   1ST Copyright year : 1975   Last Copyright Year : 1977

Expanded Description : RX01/RX8E Data Reliability/Exerciser Program   .

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION---
Diagnostic would get lost should a characeter be typed from
the keyboard while a message was printing

--SOLUTION/CORRECTION---
Enter the following patch.

--DEPO PATCH AREA--

Loc	From	To	Mnemonic	Loc	From	To	Mnemonic
05304	3023	3174					
05313	1023	1174					
10332	5304	5310					

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :   RX8E   RX01

Problem Reports Affected   :

Kit Number   : ZF008   ZR122   ZF177   ZF127   ZF012   ZF117
--AUTHORIZATION---
Author   : M Sturak   Maintaining Group   : Sml Sys
Submitting Engineer   : D Rice   Maintainer   : G Johnson
Product Engineer   :   Field Service Engineer   : C Cline
Manufacturing Engineer   :   Release Engineer   : K Fleming
Charge Number   : V89-08825   Coordination Number   : MC1784

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description :

ECO Purpose : New   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DJKTA-A0   Patch Level : 0   Product Date : 10-Jan-78

Description :   1ST Copyright year : 1977   Last Copyright Year : 1977

Expanded Description : KT8-A Memory Management Option Diagnostic

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DJKTA-A-D		DJKTA-A-PB		DJKTA-A-FA			

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--
New Submission

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass : 90   2nd Pass : 90   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00 20 99

Device Affected :   KT8A

Problem Reports Affected   :

Kit Number   : ZF235

--AUTHORIZATION--
Author   : D Rice   Maintaining Group   : Small Sys
Submitting Engineer   : D Rice   Maintainer   : G Johnson
Product Engineer   :   Field Service Engineer   : Carl Cline
Manufacturing Engineer   :   Release Engineer   : K Fleming
Charge Number   : V89-08825   Coordination Number   : MC1783

Component Part Number : AF-6220B-M0

Component Part Description : ECO TALLY 00

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AHDKA-B0

Patch Level : 0

Product Date : 21-Jan-78

Description : AHDKAB0 DK8E CLOCKS DIAG

1ST Copyright year : 1971

Last Copyright Year : 1977

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6220B-MA		AK-6222B-MA		AH-6221B-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

Error responses result when using a PDP-8/A processor
due to timing differences,
History count starts at Rev. B0.

--SOLUTION/CORRECTION--

Corrected program via variable starting address which
correct for timing differences.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 210   2nd Pass : 210   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00

Device Affected :   DK8E

Problem Reports Affected   :

Kit Number   : ZF011   ZF131

--AUTHORIZATION--

Author	: A Balamotis	Maintaining Group	: Diag Eng
Submitting Engineer	: A Balamotis	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: K Fleming
Charge Number	: V98-05077	Coordination Number	: MC1673

--CONTINUATION--

DEPO PATCH AREA; NOT PATCHABLE

A

Component Part Number : AF-6535E-M0

Component Part Description : NA

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---------------------------------------
Diagnostic Package Code : AILAB-E0   Patch Level : 0   Product Date : 23-Feb-78

Description : LA36 TERM DIAG   1ST Copyright year : 1974   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED-------------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6535E-MA		AK-6537E-MA		AH-6536E-MA			

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---
Documentation error regarding IOT code loading for
tty and kbd

---SOLUTION/CORRECTION---
Bits 0-5 = printer (tty)
bits 6-11 = keyboard (kbd)

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 00

Device Affected :   LA36

Problem Reports Affected : AA0001353

Kit Number   : ZF008   ZF010   ZF215
---AUTHORIZATION--
Author   : A Balamotis   Maintaining Group   : Pro Enh
Submitting Engineer   : A Balamotis   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : K Fleming
Charge Number   : V98-05077   Coordination Number   : MC1882
---CONTINUATION--
DEPO PATCH AREA   Bits 0-5 = TTY code
(Directions Change Only) Paragraph 4-1-4   Bits 6-11 = KBD code

A

Component Part Number : 00-00000-00

Component Part Description : NA   ECO Purpose : Change   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AIQAC-GO   Patch Level : 0   Product Date : 06-Mar-78

Description : NA   1ST Copyright year : 1976   Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6571G-MA		AH-6572G-MA					

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

Updated to reflect changes to the PDP-8 diagnostics.

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :   INDEX

Problem Reports Affected   :

Kit Number   :

------AUTHORIZATION------

Author	: Release Eng	Maintaining Group	: Release Eng
Submitting Engineer	: D Beausoleil	Maintainer	: C Cinnamon
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: K Fleming
Charge Number	: V98-08162	Coordination Number	: MC1800

A

Component Part Number : 00-00000-00

Component Part Description : NA

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AIZAA-HO

Patch Level : 0

Product Date : 06-Mar-78

Description : NA

1ST Copyright year : 1976

Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--
The following multimedia revisions will be effective in
March 1978.

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment :

Device Affected :

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--
Author   : Release Eng   Maintaining Group   : Release Eng
Submitting Engineer   : D Beausoleil   Maintainer   : C Cinnamon
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : K Fleming
Charge Number   : V98-08162   Coordination Number   : MC1802
--CONTINUATION--
CEPO PATCH AREA;   CHANGE LOC 08-DJRXB FROM E PDP-8 RX
CHANGE LOC X8-DIQAE FROM L TO AXQAE-M DEC/X8 DT   CHANGE LOC 08-DJRXC FROM H RX01 #1
CHANGE LOC X8-DDQAA FROM L TO AXQAA-M DEC/X8 LT   CHANGE LOC 08-DJRXD FROM D RX01 #2
CHANGE LOC X8-DJRXA FROM F TO AXRXA-G DEC/X8 RX   CHANGE LOC 08-DJRXE FROM C CL/8 #2
CHANGE LOC 08-DH05B FROM O TO AH05B-P COS 300 RK   CHANGE LOC 08-DJRXF FROM C TO AJRXE-D RX01 #3
CHANGE LOC 08-DJRXA FROM L CC/8 #1

A

Component Part Number : 00-00000-00

A

Component Part Number : 00-00000-00

Component Part Description : NA

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXQAF-K0

Patch Level : 0

Product Date : 06-Mar-78

Description : NA

1ST Copyright year : 1973

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C290K-MA		AH-C292K-MA					

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION---

Doc. updated to reflect Dec/X8 module changes.

--SOLUTION/CORRECTION---

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF229

--AUTHORIZATION---

Author	: J Vrobel	Maintaining Group	: Rel Eng
Submitting Engineer	: D Beausoleil	Maintainer	: C Cinnamon
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: K Fleming
Charge Number	: V98-08162	Coordination Number	: MC1801

--CONTINUATION---

DEPO PATCH AREA:
CHANGE LOC 08-DJRXG FROM A RX01 #4

CHANGE LOC 08-DKRXA FROM A VT78 RX
CHANGE LOC 08-AJRXH FROM NEW FLOPPY TO A WS202 RX

A

A

Compone : Part Number : AF-C656A-MO

Compo ent Part Description : NA   ECO Purpose : New   Approved : Yes
------ ---PRODUCT IDENTIFICATION--
Diagnostic Package Code : AJRLA-AO   Patch Level : 0   Produc Date : 03-Apr-78

Description : NA   1ST Copyright year : 1978   Last Copyright Year : 1978

Expanded Description :
---PRODUCT COMPONENTS AFFEC ED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C656A-MA		AK-C658A-MA		AH-C657A-MA			

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION--
This is a new diagnostic to test RL8A without the
use of a drive.

---SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass : 5   2nd Pass : 90   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A

Problem Reports Affected   :

Kit Number   : ZF233

---AUTHORIZATION---
Author   : J Rich   Maintaining Group   : Small Sys
Submitting Engineer   : Jack Rich   Maintainer   : Glenn Johnson
Product Engineer   :   Field Service Engineer   : C Cline
Manufacturing Engineer : Dave Brown   Release Engineer   : K Fleming
Charge Number   : V89-09395   Coordination Number   : MC1973

A

Component Part Number : AF-C660A-MO

Component Part Description : NA   ECO Purpose : New   Approved : Yes

---PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLB-AO   Patch Level : 0   Product Date : 03-Apr-78

Description : NA   1ST Copyright year : 1978   Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C660A-MA		AK-C662A-MA		AH-C661A-MA			

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--

This a new diagnostic to test all RL8-A/RL01 drive
functions except for read/write.

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 150   2nd Pass : 150   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A/RL0

Problem Reports Affected   :

Kit Number   : ZF233

---AUTHORIZATION--

Author	: Jack Rich	Maintaining Group	: Sml Sys
Submitting Engineer	: Jack Rich	Maintainer	: Glenn Johnson
Product Engineer	:	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: Dave Brown	Release Engineer	: K Fleming
Charge Number	: V89-09395	Coordination Number	: MC1974

A

Component Part Number : AF-C664A-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00

ECO Purpose : New

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLC-A0

Patch Level : 0

Product Date : 03-Apr-78

Description : AJRLCA0 RL8A/RL01 DR PT2

1ST Copyright year : 1978

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C664A-MA		AK-C666A-MA		AH-C665A-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

This is a new diagnostic to test RL8-A/RL01 read/write
functionality

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 60   2nd Pass : 300   ACi Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A/RL0

Problem Reports Affected   :

Kit Number   : ZF233

---AUTHORIZATION---

Author	: Jack Rich	Maintaining Group	: Sml Sys
Submitting Engineer	: Jack Rich	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: Dave Brown	Release Engineer	: K Fleming
Charge Number	: V89-09395	Coordination Number	: MC1975

A

DIGITAL EQUIPMENT CORPORATION

Component Part Number : AF-C682A-M0

Component Part Description : ECO TALLY 00

ECO Purpose : New	Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AJRLG-A0 | Patch Level : 0 | Product Date : 03-Apr-78

Description : AJRLGA0 RL8-A/RL01 PCK VFYR | 1ST Copyright year : 1978 | Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C682A-MA		AK-C684A-MA		AH-C683A-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

This is a new program to update RL01 field bad sector
files.

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass : 2nd Pass : ACT Sequence Number : Multimedia Affected : Yes

Processors : 89 90 91 92

Operational Environment : 00 20 99

Device Affected : RL8A/RL0

Problem Reports Affected :

Kit Number : ZF233

------AUTHORIZATION------

Author	: Jack Rich	Maintaining Group	: Sml Sys
Submitting Engineer	: Jack Rich	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: Dave Brown	Release Engineer	: K Fleming
Charge Number	: V89-09395	Coordination Number	: MC1976

A

Component Part Number : AF-C672A-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : NA

ECO Purpose : New

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLE-A0

Patch Level : 0

Product Date : 14-Apr-78

Description : NA

1ST Copyright year : 1978

Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C674A-MA		AC-C672A-MA		AH-C673A-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

A new product RL8-A (M8433) and RL01 disk drive required
a performance exerciser program to exercise the RL8-A
/RL01 subsystem.

--SOLUTION/CORRECTION--

New release program AJRLEA RL8-A/RL01 performance
exerciser created.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 99 20

Device Affected :   RL8A

Problem Reports Affected :

Kit Number   : ZF233   ZF015   ZJ233

--AUTHORIZATION--

Author	: D Orin	Maintaining Group	: Sml Sys
Submitting Engineer	: D Orin	Maintainer	: G Johnson
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: D Brown	Release Engineer	: K Fleming
Charge Number	: V89-09395	Coordination Number	: MC1979

Component Part Number : AF-C676A-MO

Component Part Description : NA

ECO Purpose : New

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXRLA-AO

Patch Level : 0

Product Date : 14-Apr-78

Description : NA

1ST Copyright year : 1978

Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C678A-MA		AC-C676A-MA		AH-C677A-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

New product RL8-A (M8433) and RL01 disk drive required
a Dec/X8 Subsystem Exerciser module.

--SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 50

Device Affected :   RL8A

Problem Reports Affected   :

Kit Number   : ZF229

---AUTHORIZATION---

Author	: D Orin	Maintaining Group	: Sml Sys
Submitting Engineer	: D Orin	Maintainer	: G Johnson
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: D Brown	Release Engineer	: K Fleming
Charge Number	: V89-09395	Coordination Number	: MC1980

Component Part Number : AF-6571H-M0

Component Part Description : NA

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION---

Diagnostic Package Code : AIQAC-H0

Patch Level : 0

Product Date : 04-May-78

Description : NA

1ST Copyright year : 1976

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6571H-MA		AH-6572H-MA					

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--

Index updated to reflect changes to the PDP-8 diagnostics.

---SOLUTION/CORRECTION--

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :   INDEX

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION--

Author	: Release Eng	Maintaining Group	: Release Eng
Submitting Engineer	: D Beausoleil	Maintainer	: C Cinnamon
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: C Cinnamon	Release Engineer	: K Fleming
Charge Number	: V98-08162	Coordination Number	: MC2024

Component Part Number : 00-00000-00

Component Part Description : NA   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AIZAA-IO   Patch Level : 0   Product Date : 04-May-78

Description : NA   1ST Copyright year : 1976   Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---
The following multi-media revisions will be effective in
May 1978.

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected :

Kit Number   :
---AUTHORIZATION--
Author   : Release Eng   Maintaining Group   : Release Eng
Submitting Engineer   : D Beausoleil   Maintainer   : C Cinnamon
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer   : C Cinnamon   Release Engineer   : K Fleming
Charge Number   : V98-08162   Coordination Number   : MC2022
---CONTINUATION--
CHANGE LOC AXQAE FROM M TO N DEC/X8 DT   CHANGE LOC 08-DJRXD FROM D TO - RX01 #2
CHANGE LOC AXQAA FROM M TO N DEC/X8 LT   CHANGE LOC 078-DJRXE FROM C TO - CL/8 #2
CHANGE LOC AXRXA FROM G TO H DEC/X8 RX   CHANGE LOC AJRXF FROM D TO - RX01 #3
CHANGE LOC AH05B FROM P TO Q COS 300 RK   CHANGE LOC 08-DJRXG FROM A TO AJRXG-B RX01 #4
CHANGE LOC 08-DJRXA FROM L TO AJRXA-M CL/8 #1   CHANGE LOC 08-DKRXA FROM A TO - VT78 RX
CHANGE LOC 08-DJRXB FROM E TO AJRXB-F PDP-8 RX   CHANGE LOC AJRXH FROM A TO B WS202 RX
CHANGE LOC 08-DJRXC FROM H TO AJRXC-I RX01 #1

Component Part Number : AF-C290L-MO

Component Part Description : NA

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXQAF-LO

Patch Level : 0

Product Date : 04-May-78

Description : NA

1ST Copyright year : 1973

Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C290L-MA		AH-C292L-MA					

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION---

Document updated to reflect Dec/X8 module changes.

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF229

--AUTHORIZATION---

Author	: J Vrobel	Maintaining Group	: Rel Eng
Submitting Engine	: D Beausoleil	Maintainer	: C Cinnamon
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: C Cinnamon	Release Engineer	: K Fleming
Charge Number	: V98-05077	Coordination Number	: ML2023

A

Component Part Number : AF-6281B-M0

Component Part Description : ECO TALLY 00

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION-------------------------------

Diagnostic Package Code : AHKLA-B0

Patch Level : 0

Product Date : 31-May-78

Description : AHKLAB0 KL8M MODM CNTRL

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-6284B-MA		AC-6281B-MA		AH-6282B-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION--

Diagnostic would not run on 8-I or other old 12 bit CPUs.
HISTORY COUNT STARTS AT REV B.

---SOLUTION/CORRECTION--

Added routines to simulate commands needed for the
old CPUs.

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 93 12

Operational Environment   : 00

Device Affected :   KL8M

Problem Reports Affected : CC0000707

Kit Number   : ZF011   ZF145

---AUTHORIZATION--

Author	: K C Whitney	Maintaining Group	: Pro Enh
Submitting Engineer	: A Balamotis	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: Dave Brown NH	Release Engineer	: K Fleming
Charge Number	: V98-05460	Coordination Number	: MC2015

A

Component Part Number : AF-6285C-MC

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION--

Diagnostic Package Code : AHKLB-BO   Patch Level : 0   Product Date : ??-May-78

Description : N/A   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6285C-MA		AK-6287C-MA		AF-6285C-MO		AH-6286C-MA	
AL-6288C-NA							

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

DIAGNOSTIC WOULD NOT RUN ON 8-I OR OTHER OLD 12 BIT CPUS.

---SOLUTION/CORRECTION---

ADDED ROUTINES TO SIMULATE COMMAND NEEDED FOR THE OLD CPUS.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 93 12

Operational Environment : 00

Device Affected :   KL8M   KL8E/F   DC08

Problem Reports Affected : CC0000707

Kit Number   : ZF011   ZF203   ZF145

---AUTHORIZATION---

Author	: K.C.WHITNEY	Maintaining Group	: PRO EHN
Submitting Engineer	: A.BALAMOTIS	Maintainer	: J.VROBEL
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: DAVE BROWN	Release Engineer	: T.DAVIES
Charge Number	: V98-05460	Coordination Number	: MC2016

A

DIGITAL EQUIPMENT CORPORATION

A

Component Part Number : AF-6285C-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AHKLB-CO

Patch Level : 0

Product Date : 31-May-78

Description : AHKLBCO KL8M KL8E/F DC08H ONL

1ST Copyright year : 1971

Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-6287C-MA		AC-6285C-MA		AH-6286C-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Diagnostic would not run on 8-I or other old 12 bit
CPU's

---SOLUTION/CORRECTION---

Added routines to simulate commands needed for the
old CPU's.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 93 12

Operational Environment   : 00

Device Affected :   KL8M   KL8E/F   DC08

Problem Reports Affected   : CC0000707

Kit Number   : ZF011   ZF203   ZF145

---AUTHORIZATION---

Author	: K C Whitney	Maintaining Group	: Pro Enh
Submitting Engineer	: A Balamotis	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: Dave Brown NH	Release Engineer	: K Fleming
Charge Number	: V98-05460	Coordination Number	: MC2016

A

DIGITAL EQUIPMENT CORPORATION

A

Component Part Number : AF-6289E-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AHKLC-EO   Patch Level : 0   Product Date : 31-May-78

Description : AHKLCEO KL8F ASYNC INTFC   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-6292E-MA		AC-6289E-MA		AH-6291E-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--
Diagnostic would not run on 8-I or other old bit CPUs.

--SOLUTION/CORRECTION--
Added routines to simulate commands needed for the old
CPUs.

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 93 12

Operational Environment   : 00

Device Affected :   KL8F

Problem Reports Affected   : CC0000707

Kit Number   : ZF011   ZF143

--AUTHORIZATION--
Author   : Patrick Coyne   Maintaining Group   : Pro Enh
Submitting Engineer   : A Balamotis   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer : Dave Brown NH   Release Engineer   : K Fleming
Charge Number   : V98-05460   Coordination Number   : MC2017

A

A

Component Part Number :

Component Part Description :   ECO Purpose : Patch   Approved : Yes
---PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DHRKA-E1   Patch Level : 1   Product Date : 14-Jun-78

Description :   .   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description : RK8E DISKLESS CONTROL TEST

--PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---
Due to hardware incompatibilites, DHIKA will not run
properly on a PDP-8/A processor configuration

---SOLUTION/CORRECTION---
Do not use DHRKA test on a PDP-8/A system.
THIS IS AN UNCONDITIONAL PATCH

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91

Operational Environment   : 00 20

Device Affected :   RK05

Problem Reports Affected   :

Kit Number   : ZF008   ZK127   ZJ177   ZF012   ZF177   ZF127   ZF023
---AUTHORIZATION--
Author   : J Vrobel   Maintaining Group   : Pro Enh
Submitting Engineer   : A Balamotis   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : K Fleming
Charge Number   : V98-05460   Coordination Number   : MC2058

A   A

A

Component Part Number : AF-E460A-A0

Component Part Description : ECO TALLY 00

ECO Purpose : New

Approved : Yes

--PRODUCT IDENTIFICATION-----------------------------------

Diagnostic Package Code : ARMMB-A0

Patch Level : 0

Product Date : 14-Jun-78

Description : ARMMBA0 MM11-YP DIAG

1ST Copyright year : 1978

Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED-----------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-E461A-AA		AC-E460A-AA		AL-E462A-NA			

--PRODUCTS OBSOLETED-----------------------------------

--PROBLEM/DESCRIPTION-----------------------------------

This is the first release of the ARMMBA (STK228) Memory
Diagnostic. It will be used to check out MM11-YP memory
stacks on the 2223 Memory Tester.

--SOLUTION/CORRECTION-----------------------------------

IN HOUSE USE ONLY

--PRODUCT CHARACTERISTICS-----------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89

Operational Environment   : 40

Device Affected :   MM11YP

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION-----------------------------------

Author	: Al Williams	Maintaining Group	: Mem Diag
Submitting Engineer	: Al Williams	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: D Brown NH	Release Engineer	: K Fleming
Charge Number	: V96-06159	Coordination Number	: MC2077

A

Component Part Number : AK-C670A-MA

Component Part Description : 00   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLD-A0   Patch Level : 0   Product Date : 29-Jun-78

Description : AJRLDA0 RL8-A/RL01 DR CPT VFY   1ST Copyright year : 1978   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C668A-MA		AK-C670A-MA		AH-C669A-MA		AF-C668A-M0	
AL-C671A-NA							

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

NEW PRODUCT RL8-A (M8433) CONTROLLER AND RL01 DISK DRIVE
REQUIRED A DRIVE COMPATIBILITY VERIFY THAT ALL DRIVES
ON 1 OR MORE RL01 SUBSYSTEMS ARE COMPATIBLE.

--SOLUTION/CORRECTION--

NEW RELEASE PROGRAM AJRLDA RL8A/RL01 DRIVE COMPATIBILITY
VERIFIER PROGRAM CREATED.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment : 00 99 20

Device Affected :   RL8A   (M8433)

Problem Reports Affected :

Kit Number   : ZF233   ZF238   ZF237   ZF016   ZF015

--AUTHORIZATION--

Author	: D.ORIN	Maintaining Group	: SML SYS
Submitting Engineer	: D.ORIN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	: K. MASSEY	Release Engineer	: T.DAVIES
Charge Number	: V89-08202	Coordination Number	: MC2141

A

Component Part Number : AF-E610A-A0

Component Part Description : ECO TALLY 00

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION--

Diagnostic Package Code : ARLAC-A0

Patch Level : 0

Product Date : 07-Jul-78

Description : ARLACA0 M7728/LA36 QV TEST

1ST Copyright year : 1978

Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-E610A-AA		AK-E611A-AA		AL-E612A-NA			

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--

STANDALONE QUICK VERIFY TEST STATION USED BY MANUFACTURING
IN PHOENIX ARIZONA REQUIRED SPECIAL TEST PROGRAM
TO CONTROL TEST STATION HARDWARE AND PROVIDE USER CONTROL

---SOLUTION/CORRECTION--

CREATED NEW RELEASE PROGRAM
IN HOUSE USE ONLY.

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 19   2nd Pass : 19   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90

Operational Environment   : 00

Device Affected :   M7728

Problem Reports Affected :

Kit Number   :

---AUTHORIZATION--

Author	: D.ORIN	Maintaining Group	: SML SYS
Submitting Engineer	: D.ORIN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: K MASSEY	Release Engineer	: T.DAVIES
Charge Number	: V89-08202	Coordination Number	: MC2161

A

Component Part Number : AF-E613A-A0

Component Part Description : 00	ECO Purpose : Change	Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : ARLAD-A0	Patch Level : 0	Product Date : 07-Jul-78
Description : ARLADA0 M7728/LA36 QY TEST	1ST Copyright year : 1978	Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-E613A-AA		AK-E614A-AA		AL-E615A-NA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

STANDALONE QUICK VERIFY/DIAGNOSE TEST STATION
USED BY MANUFACTURING IN PHOENIX ARIZONA
REQUIRED SPECIAL TEST PROGRAM TO CONTROL
TEST STATION HARDWARE AND PROVIDE USER CONTROL

---SOLUTION/CORRECTION---

CREATED NEW RELEASE PROGRAM
IN HOUSE USE ONLY.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 19	2nd Pass : 19	ACT Sequence Number :	Multimedia Affected : No

Processors   : 89 90

Operational Environment   : 00

Device Affected :   M7728

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: D.ORIN	Maintaining Group	: SML SYS
Submitting Engineer	: D.ORIN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: K MASSEY	Release Engineer	: T.DAVIES
Charge Number	: V89-08202	Coordination Number	: MC2157

Component Part Number : AF-C656B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : AJRLAB0 RL8-A DSKLS CTRLR   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AJRLA-B0   Patch Level : 0   Product Date : 31-Jul-78

Description : AJRLAB0 RL8-A DSKLS CTRLR   1ST Copyright year : 1978   Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C656B-MA		AK-C658B-MA		AH-C657B-MC		AL-C659B-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

COLORADO MANUFACTURING REQUESTED CHANGES WHEN RUNNING
ON MULTIPLE OPTION TESTER.

---SOLUTION/CORRECTION---

REPORT ERRORS WHEN ON M.O.T. AND INCLUDE UNIT NUMBER
ALLOW THREE FAILURES BEFORE DROPPING UNIT.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 5   2nd Pass : 90   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A

Problem Reports Affected   : CC0000964

Kit Number   : ZF233   ZF238   ZF016

---AUTHORIZATION---

Author	: J Rich	Maintaining Group	: Small Sys
Submitting Engineer	: Jack Rich	Maintainer	: Glenn Johnson
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: Dave Brown	Release Engineer	: T DAVIES
Charge Number	: E89-08202	Coordination Number	: MC2163

Component Part Number : AF-C660B-M0

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AJRLB-B0   Patch Level : 0   Product Date : 31-Jul-78

Description : AJRLBB0 RL8-A/RL01 DR PT1   1ST Copyright year : 1978   Last Copyright Year : 1978

Expanded Description :

---------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C660B-MA		AK-C662B-MA		AH-C661B-MA		AL-C663B-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

SEEK TIMING PROBLEM IN SECOND PASS

---SOLUTION/CORRECTION---

CHANGE TIMING FROM BEGINNING OF SEEK, RATHER THAN FROM
STATE CHANGE.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 150   2nd Pass : 150   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A/RL0

Problem Reports Affected   : CC0000963

Kit Number   : ZF233   ZF238   ZF016

---AUTHORIZATION---

Author	: Jack Rich	Maintaining Group	: Sml Sys
Submitting Engineer	: Jack Rich	Maintainer	: Glenn Johnson
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: Dave Brown	Release Engineer	: T.DAVIES
Charge Number	: E89-08202	Coordination Number	: MC2164

```
Component Part Number : AF-C176B-MO              DIGITAL EQUIPMENT CORPORATION
                                                 DIAGNOSTIC ENGINEERING CHANGE ORDER
Component Part Description : ECO TALLY 01         ECO Purpose : Change                    Approved : Yes
------------------------------------------------PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : AXADA-BO               Patch Level : 0                          Product Date : 01-Aug-78
Description : AXADABO DEC/X8 MOD ADRSTT           1ST Copyright year : 1976                Last Copyright Year : 1978
Expanded Description :

----------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------
 Component      Media          Component       Media          Component       Media          Component      Media
 Part Number    Variable       Part Number     Variable       Part Number     Variable       Part Number    Variable
 AK-C178B-MA                   AC-C176B-MA                     AH-C177B-MA



------------------------------------------------PRODUCTS OBSOLETED---------------------------------------------
------------------------------------------------PROBLEM/DESCRIPTION--------------------------------------------
Does not support 128K system configurations.



------------------------------------------------SOLUTION/CORRECTION--------------------------------------------
UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DHADA-AO/00.



------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :      ACT Sequence Number :               Multimedia Affected : Yes

Processors               : 12 88 89 90 91 92

Operational Environment  : 50

Device Affected :   DEC/X8

Problem Reports Affected  : CC0000949

Kit Number                : ZF229    ZK229
------------------------------------------------AUTHORIZATION--------------------------------------------------
Author                   : D Rice                  Maintaining Group         : Sml Svs
Submitting Engineer      : D Rice                  Maintainer                : MISNER
Product Engineer         : Straka/Cook             Field Service Engineer    : Carl Cline
Manufacturing Engineer   : WAIVERED                Release Engineer          : K Fleming
Charge Number            : V89-08202               Coordination Number       : MC2138
```

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A
                                                       DIGITAL EQUIPMENT CORPORATION
Component Part Number : AF-C217B-MO                    DIAGNOSTIC ENGINEERING CHANGE ORDER                    PAGE 1 OF 1
                                                                                                             Form : B
Component Part Description : ECO TALLY 01              ECO Purpose : Change                    Approved : Yes
-------------------------------------------------------PRODUCT IDENTIFICATION-----------------------------------------
Diagnostic Package Code : AXCDA-BO                     Patch Level : 0                         Product Date : 01-Aug-78

Description : AXCDABO DEC/X8 MDO CDP8                  1ST Copyright year : 1973               Last Copyright Year : 1978

Expanded Description :

------------------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------
Component       Media                 Component       Media                 Component       Media                 Component       Media
Part Number     Variable              Part Number     Variable              Part Number     Variable              Part Number     Variable
AK-C219B-MA                           AC-C217B-MA                           AH-C218B-MA




--------------------------------------------------------PRODUCTS OBSOLETED---------------------------------------------
--------------------------------------------------------PROBLEM/DESCRIPTION--------------------------------------------
Does not support 128K system configurations.




--------------------------------------------------------SOLUTION/CORRECTION--------------------------------------------
Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DICDA-A.



--------------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------
Run Time (seconds) 1st Pass :            2nd Pass :        ACT Sequence Number :              Multimedia Affected : Yes

Processors            : 12 88 89 90 91 92

Operational Environment    : 50

Device Affected :   DEC/X8

Problem Reports Affected    : CC0000949

Kit Number            : ZF229     ZK229
-----------------------------------------------------------AUTHORIZATION-----------------------------------------------
Author                : Don Rice                         Maintaining Group        : Sml Sys
Submitting Engineer   : Don Rice                         Maintainer               : MISNER
Product Engineer      : Straka/Cook                      Field Service Engineer   : Carl Cline
Manufacturing Engineer : WAIVERED                        Release Engineer         : K Fleming
Charge Number         : V89-08202                        Coordination Number      : MC2189
```

Component Part Number : AF-C180B-M0

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXCRA-B0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXCRAB0 DEC/X8 MOD CARD8E   1ST Copyright year : 1973   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C182B-MA		AC-C180B-MA		AH-C181B-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

Does not support 128K system configurations.

--SOLUTION/CORRECTION--

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DHCRA-A.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

--AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2190

Component Part Number : AF-C293B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01   · ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXRFA-B0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXRFAB0 DEC/X8 MOD RF08DS   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C293B-MA		AK-C295B-MA		AH-C294B-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

---SOLUTION/CORRECTION---

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DIRFA-A.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZF238   ZK229

---AUTHORIZATION---

Author	: D. RICE	Maintaining Group	: SML SYS
Submitting Engineer	: D. RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	:	Release Engineer	: S. DUMDEY
Charge Number	: V89-08202	Coordination Number	: MC2218

A

DIGITAL EQUIPMENT CORPORATION

A

Component Part Number : AF-C296B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXRKA-B0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXRKAB0 DEC/X8 MOD RK8DS

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C296B-MA		AK-C298B-MA		AH-C297B-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

------SOLUTION/CORRECTION------

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DIRKA-A.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZF238   ZK229

------AUTHORIZATION------

Author   : D. RICE   Maintaining Group   : SML SYS
Submitting Engineer   : D. RICE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer : CARL CLINE
Manufacturing Engineer :   Release Engineer   : S. DUMDEY
Charge Number   : V89-08202   Coordination Number : MC2219

A

A

Component Part Number : AF-C196C-MO

Component Part Description : ECO TALLY 01

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : AXRKB-CO   Patch Level : 0   Product Date : 01-Aug-78

Description : AXRKBCO DEC/X8 MOD RK8EDS   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C196C-MA		AK-C198C-MA		AH-C197C-MA			

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--
DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.
THIS ECO REPLACES MD-X8-DHRKA-B0/00

---SOLUTION/CORRECTION--
UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number   : ZF229   ZF238   ZK229

---AUTHORIZATION--
Author   : D. RICE   Maintaining Group   : SML SYS
Submitting Engineer   : D. RICE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   : CARL CLINE
Manufacturing Engineer   :   Release Engineer   : S. DUMDEY
Charge Number   : V89-08202   Coordination Number   : MC2220

A

Component Part Number : AF-C676B-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXRLA-BO

Patch Level : 0

Product Date : 01-Aug-78

Description : AXRLABO DEC/X8 MOD RL8A

1ST Copyright year : 1978

Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C676B-MA		AK-C678B-MA		AH-C677B-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

------SOLUTION/CORRECTION------

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZF238   ZK229

------AUTHORIZATION------

Author   : D. RICE   Maintaining Group   : SML SYS
Submitting Engineer   : D. RICE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer : CARL CLINE
Manufacturing Engineer :   Release Engineer   : S. DUMDEY
Charge Number   : V89-08202   Coordination Number : MC2221

A

Component Part Number : AF-C199C-M0

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXRXB-C0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXRXBC0 DEC/X8 MOD FLOPPY   1ST Copyright year : 1975   Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C199C-MA		AK-C201C-MA		AH-C200C-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

------SOLUTION/CORRECTION------

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DHRXA-B0/00.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZF238   ZK229

------AUTHORIZATION------

Author	: D. RICE	Maintaining Group	: SML SYS
Submitting Engineer	: D. RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	:	Release Engineer	: S. DUMDEY
Charge Number	: V89-08202	Coordination Number	: MC2222

A

Comp ent Part Number : AF-C202C-M0

Compo ent Part Description : ECO TALLY 01

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXTAA-C0

Patch Level : 0   Product Date : 01-Aug-78

Description : AXTAAC0 DEC/X8 MOD TA8ECS

1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C202C-MA		AK-C204C-MA		AH-C203C-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.
HISTORY COUNT STARTS AT REV B.

--SOLUTION/CORRECTION--

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DHTAA-B.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number   : ZF229   ZF238   ZK229

--AUTHORIZATION--

Author   : D. RICE   Maintaining Group   : SML SYS
Submitting Engineer   : D. RICE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer : CARL CLINE
Manufacturing Engineer :   Release Engineer   : S. DUMDEY
Charge Number   : V89-08202   Coordination Number   : MC2223

A

Component Part Number : AF-C299C-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXTCA-CO

Patch Level : 0   Product Date : 01-Aug-78

Description : AXTCACO DEC/X8 MOD TC01DT

1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C299C-MA		AK-C301C-MA		AH-C300C-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.
HISTORY STARTS AT REV B-0.

---SOLUTION/CORRECTION---

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DITCA-B-0.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZF238   ZK229

---AUTHORIZATION---

Author	: D. RICE	Maintaining Group	: SML SYS
Submitting Engineer	: D. RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	:	Release Engineer	: S. DUMDEY
Charge Number	: V89-08202	Coordination Number	: MC2224

A

Component Part Number : AF-C302D-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXTCB-D0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXTCBD0 DEC/X8 MOD TC58MT

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C302D-MA		AK-C304D-MA		AH-C303D-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.
HISTORY COUNT STARTS AT REV C-0.

------SOLUTION/CORRECTION------

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DITCB-C-0

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number   : ZF229   ZK229   ZF238

------AUTHORIZATION------

Author   : D. RICE
Submitting Engineer   : D. RICE
Product Engineer   :
Manufacturing Engineer :
Charge Number   : V89-08202

Maintaining Group   : SML SYS
Maintainer   : MISNER
Field Service Engineer : CARL CLINE
Release Engineer   : S. DUMDEY
Coordination Number   : MC2225

A

A

Component Part Number : AF-C173B-M0

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXTCC-B0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXTCCB0 DEC/X8 MOD TC12LT   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED------------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C173B-MA		AK-C175B-MA		AH-C174B-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION---

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

--SOLUTION/CORRECTION---

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DDTCA-A.

--PRODUCT CHARACTERISTICS---------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZF238   ZK229

--AUTHORIZATION---

Author	: D. RICE	Maintaining Group	: SML SYS
Submitting Engineer	: D. RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	:	Release Engineer	: MAUREEN HANSEN
Charge Number	: V89-08202	Coordination Number	: MC2226

A

Component Part Number : AF-C205C-M0

Component Part Description : ECO TALLY 02   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXTDA-C0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXTDAC0 DEC/X8 MOD TD8EDT   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C205C-MA		AK-C207C-MA		AH-C206C-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

--SOLUTION/CORRECTION--

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DHTDA-B0/01.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0G00949

Kit Number   : ZF229   ZF238   ZK229

--AUTHORIZATION--

Author	: D. RICE	Maintaining Group	: SML. SYS.
Submitting Engineer	: D. RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	:	Release Engineer	: MAUREEN HANSEN
Charge Number	: V89-08202	Coordination Number	: MC2227

--CONTINUATION--

1

A

Component Part Number : AF-C208C-M0

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXTMA-C0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXTMAC0 DEC/X8 MOD TM8EMT

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C208C-MA		AK-C210C-MA		AH-C209C-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.
HISTORY COUNT STARTS AT REV B.

---SOLUTION/CORRECTION---

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DHTMA-B.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number   : ZF229   ZF238   ZK229

---AUTHORIZATION---

Author	: D. RICE	Maintaining Group	: SML.SYS.
Submitting Engineer	: D.RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	:	Release Engineer	: MAUREEN HANSEN
Charge Number	: V89-08202	Coordination Number	: MC2228

A

Component Part Number : AF-C211B-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION---------- --

Diagnostic Package Code : AXVCA-BO

Patch Level : 0

Product Date : 01-Aug-78

Description : AXVCABO DEC/X8 MOD VCAD8E

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C211B-MA		AK-C213B-MA		AH-C212B-MA			

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

---SOLUTION/CORRECTION--

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DHVCA-A.

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZF238   ZK229

---AUTHORIZATION--

Author	: D. RICE	Maintaining Group	: SML. SYS.
Submitting Engineer	: D. RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	:	Release Engineer	: MAUREEN HANSEN
Charge Number	: V89-08202	Coordination Number	: MC2229

A

Component Part Number : AF-C214B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXVTA-B0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXVTAB0 DEC/X8 MOD VT8E

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C214B-MA		AK-C216B-MA		AH-C215B-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

--SOLUTION/CORRECTION--

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DHVTA-A-0

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZF238   ZK229

--AUTHORIZATION--

Author	: D. RICE	Maintaining Group	: SML SYS
Submitting Engineer	: D. RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	:	Release Engineer	: S. DUMDEY
Charge Number	: V89-08202	Coordination Number	: MC2230

Component Part Number : AF-C305B-MO

Component Part Description : ECO TALLY 01

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXXYA-B0	ECO Purpose : Change	Approved : Yes
	Patch Level : 0	Product Date : 01-Aug-78
Description : AXXYAB0 DEC/X8 MOD PLOTER	1ST Copyright year : 1972	Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C305B-MA		AK-C307B-MA		AH-C306B-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

--SOLUTION/CORRECTION--

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DIXYA-A-0

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZF238   ZK229

--AUTHORIZATION--

Author	: D. RICE	Maintaining Group	: SML SYS
Submitting Engineer	: D. RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	:	Release Engineer	: S. DUMDEY
Charge Number	: V89-08202	Coordination Number	: MC2231

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A
                                            DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number : AF-C220B-MO         DIAGNOSTIC ENGINEERING CHANGE ORDER                        Form : B

Component Part Description : ECO TALLY 01           ECO Purpose : Change              Approved : Yes
                                            --------PRODUCT IDENTIFICATION--------------------------
Diagnostic Package Code : AXDCA-BO                  Patch Level : 0                   Product Date : 10-Aug-78

Description : AXDCABO DEC/X8 MOD DC02               1ST Copyright year : 1972         Last Copyright Year : 1978

Expanded Description :

-----------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------------
 Component     Media          Component     Media          Component     Media          Component     Media
 Part Number   Variable       Part Number   Variable       Part Number   Variable       Part Number   Variable
 AK-C222B-MA                  AC-C220B-MA                   AH-C221B-MA


-------------------------------------------------PRODUCTS OBSOLETED----------------------------------------------

-------------------------------------------------PROBLEM/DESCRIPTION--------------------------------------------
Does not support 128K system configurations.




-------------------------------------------------SOLUTION/CORRECTION-------------------------------------------
Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DIDCA-A-0.



------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :       ACT Sequence Number :           Multimedia Affected : Yes

Processors              : 12 88 89 90 91 92

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number              : ZF229    ZF238    ZK229
-------------------------------------------------AUTHORIZATION-------------------------------------------------
Author                  : Don Rice               Maintaining Group        : Sml Sys
Submitting Engineer     : Don Rice               Maintainer               : MISNER
Product Engineer        : Straka/Cook            Field Service Engineer    : Carl Cline
Manufacturing Engineer  : WAIVERED               Release Engineer         : K Fleming
Charge Number           : V89-08202              Coordination Number      : MC2191
```

A

Component Part Number : AF-C223B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description : ECO TALLY 01 | ECO Purpose : Change | Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXDCB-B0 | Patch Level : 0 | Product Date : 01-Aug-78

Description : AXDCBB0 DEC/X8 MOD DC08A | 1ST Copyright year : 1972 | Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C225B-MA		AC-C223B-MA		AH-C224B-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Does not support 128K system configurations.

---SOLUTION/CORRECTION---

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DIDCB-A-0.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   ᴵᵈ Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors : 12 88 89 90 91 92

Operational Environment : 50

Device Affected : DEC/X8

Problem Reports Affected : CC0000949

Kit Number : ZF229   ZK229

---AUTHORIZATION---

Author : Don Rice   Maintaining Group : Sml Sys
Submitting Engineer : Don Rice   Maintainer : MISNER
Product Engineer : Straka/Cook   Field Service Engineer : Carl Cline
Manufacturing Engineer : WAIVERED   Release Engineer : K Fleming
Charge Number : V89-08202   Coordination Number : MC2192

A

Component Part Number : AF-C226C-M0

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXDFA-C0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXDFAC0 DEC/X8 MOD DF32DS   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C228C-MA		AC-C226C-MA		AH-C227C-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

Does not support 128K system configurations.
HISTORY COUNT STARTS AT REV B.

--SOLUTION/CORRECTION--

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DIDFA-B.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

--AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2193

Component Part Number : AF-C229E-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 04

ECO Purpose : Change | Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXDKA-EO | Patch Level : 0 | Product Date : 01-Aug-78

Description : AXDKAEO DEC/X8 MOD TIMERA | 1ST Copyright year : 1972 | Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C231E-MA		AC-C229E-MA		AH-C230E-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

Does not support 128K system configurations.
HISTORY STARTS AT REV B-0.

------SOLUTION/CORRECTION------

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DIDKA-D.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number   : ZF229   ZK229

------AUTHORIZATION------

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2232

A

Component Part Number : AF-C184C-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 03   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXDPA-C0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXDPAB0 DEC/X8 MOD DP8E   1ST Copyright year : 1974   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C183C-MA		AC-C184C-MA		AH-C185C-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

--SOLUTION/CORRECTION--

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DHDPA-B. .

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

--AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2194

A

Component Part Number : AF-C308B-M0

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXFPA-B0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXFPAB0 DEC/X8 MOD FPP8A

1ST Copyright year : 1976

Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C310B-MA		AC-C308B-MA		AH-C309B-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

------SOLUTION/CORRECTION------

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DJFPA-A0/00.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

------AUTHORIZATION------

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08825	Coordination Number	: MC2195

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Component Part Number : AF-C232B-M0

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXFPB-B0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXFPBB0 DEC/X8 MOD FPP12

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C234B-MA		AC-C232B-MA		AH-C233B-MA			

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--

Does not support 128K system configurations.

---SOLUTION/CORRECTION--

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DIFPA-A.

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number   : ZF229   ZK229

---AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2196

A

Component Part Number : AF-C186B-M0

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXICA-B0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXICAB0 DEC/X8 MOD ICSX8   1ST Copyright year : 1975   Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C188B-MA		AC-C186B-MA		AH-C187B-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Does not support 128K system configurations.

---SOLUTION/CORRECTION---

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DHICA-A.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

---AUTHORIZATION---

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2197

A

Component Part Number : AF-C235B-M0

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXKAA-B0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXKAAB0 DEC/X8 MOD MRI08A

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C237B-MA		AC-C235B-MA		AH-C236B-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

Does not support 128K system configurations.

------SOLUTION/CORRECTION------

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DIKAA-A.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

------AUTHORIZATION------

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2198

A

Component Part Number : AF-C238B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00

ECO Purpose : Change   Approved : Yes

----------PRODUCT IDENTIFICATION----------

Diagnostic Package Code : AXKAB-B0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXKABB0 DEC/X8 MOD RANMRI   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

----------PRODUCT COMPONENTS AFFECTED----------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C240B-MA		AC-C238B-MA		AH-C239B-MA			

----------PRODUCTS OBSOLETED----------

----------PROBLEM/DESCRIPTION----------

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.
HISTORY COUNT STARTS AT REV B0.

----------SOLUTION/CORRECTION----------

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DIKAB-A.

----------PRODUCT CHARACTERISTICS----------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC000C949

Kit Number   : ZF229   ZK229

----------AUTHORIZATION----------

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-0820?	Coordination Number	: MC2199

Component Part Number : AF-C241C-MO

Component Part Description : ECO TALLY 01

ECO Purpose : Change　　　　　　　Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXKAC-CO　　　　　Patch Level : 0　　　　　　　Product Date : 01-Aug-78

Description : AXKACCO DEC/X8 MOD OPRATE　　　1ST Copyright year : 1972　　　Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C243C-MA		AC-C241C-MA		AH-C242C-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.
HISTORY STARTS AT REV BO.

--SOLUTION/CORRECTION--

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DIKAC-B-0.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :　　　　　2nd Pass :　　ACT Sequence Number :　　　　　Multimedia Affected : Yes

Processors　　　　　　　　: 12 88 89 90 91 92

Operational Environment　　: 50

Device Affected :　DEC/X8

Problem Reports Affected　　: CC0000949

Kit Number　　　　　　　: ZF229　　ZK229

--AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2200

A

Component Part Number : AF-C244C-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXKAD-C0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXKADC0 DEC/X8 MD0 NOTFUN

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C246C-MA		AC-C244C-MA		AH-C245C-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.
HISTORY STARTS AT REV B-0.

---SOLUTION/CORRECTION---

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DIKAD-B-0.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

---AUTHORIZATION---

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2201

Component Part Number : AF-C247C-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXKEA-C0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXKEAC0 DEC/X8 MOD EAFALL

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C249C-MA		AC-C247C-MA		AH-C248C-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.
HISTORY STARTS AT REV B-0.

------SOLUTION/CORRECTION------

UPDATED TO SUPPORT MAXIMUM SYSTEM SIZE OF 128K.
THIS ECO REPLACES MD-X8-DIKEA-B-0.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number   : ZF229   ZK229

------AUTHORIZATION------

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: STRAKA/COOK	Field Service Engineer	: CARL CLINE
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2202

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Component Part Number : AF-C250B-MO	DIGITAL EQUIPMENT CORPORATION	PAGE 1 OF 1
	DIAGNOSTIC ENGINEERING CHANGE ORDER	Form : B

Component Part Description : ECO TALLY 01

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXKLA-BO

Patch Level : 0   Product Date : 01-Aug-78

Description : AXKLABO DEC/X8 MOD MULTTY

1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C252B-MA		AC-C250B-MA		AH-C251B-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

Does not support 128K system configurations.

--SOLUTION/CORRECTION--

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DIKLA-A-0.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

--AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2204

A

A

Component Part Number : AF-C253C-M0

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AXKLB-C0   Patch Level : 0   Product Date : 01-Aug-78

Description : NA   1ST Copyright year : 1974   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C255C-MA		AC-C253C-MA		AH-C254C-MA			

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---
Does not support 128K system configurations.
HISTORY COUNT STARTS AT REV. B.

---SOLUTION/CORRECTION---
Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DIKLB-B.

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   CC0000949

Kit Number   : ZF229   ZK229

---AUTHORIZATION---
Author   : Don Rice   Maintaining Group   : Sml Sys
Submitting Engineer : Don Rice   Maintainer   : Glenn Johnson
Product Engineer   : Straka/Cook   Field Service Engineer : Carl Cline
Manufacturing Engineer : WAIVERED   Release Engineer   : K Fleming
Charge Number   : V89-08202   Coordination Number   : MC2205

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Component Part Number : AF-C260B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXKLD-B0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXKLDB0 DEC/X8 MOD MSLULP

1ST Copyright year : 1976

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C262B-MA		AC-C260B-MA		AH-C261B-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Does not support 128K system configurations.

---SOLUTION/CORRECTION---

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DIKLD-A0/00.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

---AUTHORIZATION---

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2207

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| Component Part Number : AF-C692B-MO | DIGITAL EQUIPMENT CORPORATION DIAGNOSTIC ENGINEERING CHANGE ORDER | PAGE 1 OF 1 Form : B |

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXLAA-BO   Patch Level : 0   Product Date : 01-Aug-78

Description : AXLAABO DEC/X8 MOD LA180   1ST Copyright year : 1977   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C694B-MA		AC-C692B-MA		AH-C693B-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

Does not support 128K system configurations.

--SOLUTION/CORRECTION--

Updated to·support maximum system size of 128K.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   LA180

Problem Reports Affected : CC0000949

Kit Number   : ZF229   ZK229

--AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K. Fleming
Charge Number	: V89-08202	Coordination Number	: MC2208

A

A

Component Part Number : AF-C263B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change   Approved : Yes
-----------------------------------PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : AXLDA-B0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXLDAB0 DEC/X8 MOD LPD8   1ST Copyright year : 1975   Last Copyright Year : 1978

Expanded Description :

-----------------------------------PRODUCT COMPONENTS AFFECTED------------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C265B-MA		AC-C263B-MA		AH-C264B-MA			

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---
Does not support 128K system configurations.

---SOLUTION/CORRECTION---
Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DILDA-A.

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number   : ZF229   ZK229

---AUTHORIZATION---
Author   : Don Rice   Maintaining Group   : Sml Sys
Submitting Engineer   : Don Rice   Maintainer   : MISNER
Product Engineer   : Straka/Cook   Field Service Engineer : Carl Cline
Manufacturing Engineer : WAIVERED   Release Engineer   : K Fleming
Charge Number   : V89-08202   Coordination Number   : MC2209

A

Component Part Number : AF-C267C-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXLPA-CO

Patch Level : 0

Product Date : 01-Aug-78

Description : AXLPACO DEC/X8 MOD PRNTER

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C269C-MA		AC-C267C-MA		AH-C268C-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

Does not support 128K system configurations.
HISTORY STARTS AT REV B0.

------SOLUTION/CORRECTION------

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DILPA-B0.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number   : ZF229   ZK229

------AUTHORIZATION------

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2210

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number : AF-C192B-M0

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

------------------------------------PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : AXLQA-B0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXLQAB0 DECX/8 MOD LQP-8   1ST Copyright year : 1977   Last Copyright Year : 1978

Expanded Description :

------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C195B-MA		AC-C192B-MA		AH-C194B-MA			

------------------------------------PRODUCTS OBSOLETED------------------------------------

------------------------------------PROBLEM/DESCRIPTION------------------------------------

Does not support 128K system configurations.
THIS ECO REPLACES MD-X8-DHLQA-A0/00.

------------------------------------SOLUTION/CORRECTION------------------------------------

Updated to support maximum system size of 128K.

------------------------------------PRODUCT CHARACTERISTICS------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

------------------------------------AUTHORIZATION------------------------------------

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2211

Component Part Number : AF-C270B-M0

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXPAA-B0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXPAAB0 DEC/X8 MOD TYPSET

1ST Copyright year : 1973

Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C272B-MA		AC-C270B-MA		AH-C271B-MA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

Does not support 128K system configurations.
THIS ECO REPLACES MD-X8-DIPAA-A.

------SOLUTION/CORRECTION------

Updated to support maximum system size of 128K.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

------AUTHORIZATION------

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2212

A

Component Part Number : AF-C273B-M0

Component Part Description : ECO TALLY 01

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXPCA-B0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXPCAB0 DEC/X8 MOD HSRHSP

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C275B-MA		AC-C273B-MA		AH-C274B-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Does not support 128K system configurations.
THIS ECO REPLACES MD-X8-DIPCA-A/00.

---SOLUTION/CORRECTION---

Updated to support maximum system size of 128K.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

---AUTHORIZATION---

Author   : Don Rice
Submitting Engineer   : Don Rice
Product Engineer   : Straka/Cook
Manufacturing Engineer : WAIVERED
Charge Number   : V89-08202

Maintaining Group   : Sml Sys
Maintainer   : MISNER
Field Service Engineer : Carl Cline
Release Engineer   : K Fleming
Coordination Number   : MC2213

A

Component Part Number : AF-C276E-MO

Component Part Description : ECO TALLY 03   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : AXQAB-EO   Patch Level : 0   Product Date : 01-Aug-78

Description : NA   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C278E-MA		AC-C276E-MA		AH-C277E-MA			

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION---
Does not support 128K systems.
THIS ECO REPLACES MD-X8-DIQAB-D2/02.

---SOLUTION/CORRECTION--
Updated to support maximum system size of 128K.

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZF014   ZK229
---AUTHORIZATION--
Author   : Don Rice   Maintaining Group   : Sml Sys
Submitting Engineer   : Don Rice   Maintainer   : MISNER
Product Engineer   : Straka/Cook   Field Service Engineer : Carl Cline
Manufacturing Engineer : WAIVERED   Release Engineer   : K Fleming
Charge Number   : V89-08202   Coordination Number   : MC2214

Component Part Number : AF-C282E-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 02

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXQAD-EO   Patch Level : 0   Product Date : 01-Aug-78

Description : AXQADEO DEC/X8 DETAILED DESC   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C282E-MA		AH-C283E-MA					

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

Does not support 128K systems.
HISTORY COUNT STARTS AT REV C.

--SOLUTION/CORRECTION--

Updated to support maximum size of 128K.
THIS ECO REPLACES MD-X8-DIQAD-D.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 89 90 91 92 93

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   :

--AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: MK-DIAG
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2216

A

Component Part Number : AF-C612B-AO

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

-----PRODUCT IDENTIFICATION-----

Diagnostic Package Code : AXQQB-BO

Patch Level : 0

Product Date : 01-Aug-78

Description : AXQQABO APT-8 SYS DEC/X8

1ST Copyright year : 1975

Last Copyright Year : 1978

Expanded Description :

-----PRODUCT COMPONENTS AFFECTED-----

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C613B-AA		AC-C612B-AA		AL-C614B-NA			

-----PRODUCTS OBSOLETED-----

-----PROBLEM/DESCRIPTION-----

DOES NOT SUPPORT 128K SYSTEMS.

-----SOLUTION/CORRECTION-----

Updated to support maximum size of 128K.
THIS ECO REPLACES MD-X8-QIQAB-A.

-----PRODUCT CHARACTERISTICS-----

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 12 88 89 90 91 92

Operational Environment   : 99

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   :

-----AUTHORIZATION-----

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2217

A

Component Part Number : AF-C279B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO 'N:Y 01

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXQAC-B0

Patch Level : 0

Product Date : 01-Aug-78

Description : AXQACB0 DEC/X8 SW INTFCG SPEC

1ST Copyright year : 1972

Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C279B-MA							

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Document does not reflect the latest external symbol
table.
THIS ECO REPLACES MD-X8-DIQAC-A.

---SOLUTION/CORRECTION---

Documentation change to appendix A to update the
external symbol table to the latest level.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   . ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0000949

Kit Number   :

---AUTHORIZATION---

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	:
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2215

A

A

Component Part Number : AF-00000-MC

Component Part Description : ECO TALLY 01

ECO Purpose : Patch

Approved : No

--PRODUCT IDENTIFICATION---

Diagnostic Package Code : AHDRH-A2

Patch Level : 2

Product Date : 18-Apr-79

Description : DR8-ED DIAGNOSTIC

1ST Copyright year : 1975

Last Copyright Year : 1979

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION---

LOGIC TEST DOES HALT INSTRUCTION, WAITS FOR
OPERATOR TO DO "START" OR "CLEAR", "CONTINUE"
IN ORDER TO TEST LOGIC SIGNALS. SOME MACHINES DO
NOT HAVE THESE SWITCHES.

---SOLUTION/CORRECTION---

INSTALL PATCH ON MACHINES THAT DO NOT HAVE "START"
OR "CLEAR", "CONTINUE" SWITCH.

---DEPO PATCH AREA---

Loc	From	To	Mnemonic	Loc	From	To	Mnemonic
1647	7640	7300					

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :	2nd Pass :	ACT Sequence Number :	Multimedia Affected : *No

Processors   : 88

Operational Environment   : 00

Device Affected :   DR8-ED

Problem Reports Affected   :

Kit Number   : ZF013   ZF223

---AUTHORIZATION---

Author   : E BADGER   Maintaining Group   : PRO ENH
Submitting Engineer   : ED BADGER   Maintainer   : J. VROBEL
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   : J. BEIKE   Release Engineer   : S. DUMDEY
Charge Number   : D40-07921   Coordination Number   : MC3129

A

A

Component Part Number : AF-6315D-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 03

ECO Purpose : Change

Approved : No

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AHLQA-D0

Patch Level : 0

Product Date : 13-Aug-79

Description : AHLQAD LQP-8 PRINTER DIAG

1ST Copyright year : 1977

Last Copyright Year : 1979

Expanded Description :

---PRODUCT COMPONENTS AFFECTED-----------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6315D-MA		AK-6318D-MA		AH-6317D-MA		AL-6319D-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

PROGRAM DOES NOT OVERWRITE FOR BITS 10 AND 11 IN
STATUS REGISTER WHEN RUNNING ON A VT78. AFTER
MAINDEC TITLE IS PRINTED PROGRAM DOES NOT COME
BACK WITH SR=0000, SO YOU CAN HAVE THE OPTION OF USING
PSEUDO SR.

---SOLUTION/CORRECTION---

PROGRAM NOW OVERWRITES FOR BITS 10 AND 11 IN STATUS
REGISTER IF RUNNING ON A VT78. AFTER MAINDEC TITLE
IS PRINTED, COMES BACK WITH SR=0000 SO YOU CAN HAVE
THE OPTION OF USING PSEUDO SR.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment : 00 99

Device Affected :   VT78   LQP

Problem Reports Affected :

Kit Number   : ZF008   ZF014

---AUTHORIZATION---

Author	: DAVE ORIN	Maintaining Group	: PROD. ENH.
Submitting Engineer	: H. CZIRIA	Maintainer	: JOHN VROBEL
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. GEIKE	Release Engineer	: S. DUMDEY
Charge Number	: V58-05460	Coordination Number	: MC3260

A

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A
                                            DIGITAL EQUIPMENT CORPORATION                    PAGE 1 OF 1
Component Part Number : AF-A825C-MO          DIAGNOSTIC ENGINEERING CHANGE ORDER             Form : B

Component Part Description : ECO TALLY 03         ECO Purpose : Change               Approved : No
-----------------------------------------------PRODUCT IDENTIFICATION----------------------------------
Diagnostic Package Code : AKVTB-CO                Patch Level : 0                    Product Date : 20-Jul-79

Description : AKVTBCO VT78 CPU DIAG               1ST Copyright year : 1977          Last Copyright Year : 1979

Expanded Description :

--------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------
  Component      Media           Component       Media          Component       Media         Component      Media
  Part Number    Variable        Part Number     Variable       Part Number     Variable       Part Number    Variable
  AC-A825C-MA                    AK-A825C-MA                     AH-A827C-MA




-----------------------------------------------PRODUCTS OBSOLETED--------------------------------------

-----------------------------------------------PROBLEM/DESCRIPTION-------------------------------------
DIAG DOES NOT RELIABLY TEST SLU2 AND SLU3 WITH
EXTERNAL JUMPERS. DOCUMENTATION NEEDED TO DEFINE
HARDWARE CONFIGURATION NEEDED TO TEST SLU'S WITH
EXTERNAL JUMPERS.


-----------------------------------------------SOLUTION/CORRECTION-------------------------------------
HARDWARE CONFIGURATION SETTING (HW3) BIT5=1
DISABLES THE PROGRAMMABLE SLU LOOPBACK AND
ALLOWS YOU TO SUBSTITUTE EXTERNAL JUMPERS.
JUMPER PINS 2 & 3 ON SLU2 AND JUMPER PINS 2 & 3
ON SLU3.



-----------------------------------------------PRODUCT CHARACTERISTICS---------------------------------
Run Time (seconds) 1st Pass : 20        2nd Pass : 20    ACT Sequence Number :            Multimedia Affected : Yes

Processors                   : 95

Operational Environment      : 00 20 99

Device Affected :   VT78

Problem Reports Affected     : CC0001010

Kit Number                   · ZF014
-----------------------------------------------AUTHORIZATION-------------------------------------------
Author                 : B. POLAND              Maintaining Group        : PRO ENH
Submitting Engineer    : H. CZIRIA              Maintainer               : J. VROBEL
Product Engineer       :                        Field Service Engineer   :
Manufacturing Engineer : J. BEIKE               Release Engineer         : S. DUMDEY
Charge Number          : V98-05960              Coordination Number      : MC3236
```

A

Component Part Number : AF-C276E-M1

Component Part Description : ECO TALLY 04

ECO Purpose : Patch

Approved : No

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXQAB-E1

Patch Level : 1

Product Date : 01-Aug-78

Description : AXQABE1 DEC/X8 USERS GUIDE

1ST Copyright year : 1972

Last Copyright Year : 1979

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

THE EAEDP AND EAEALL MODULES FAIL WITH KT8A
ABOVE 64K OF MEMORY. THE FAILURE ONLY OCCURS
WHEN RUNNING ABOVE 64K OF MEMORY.

---SOLUTION/CORRECTION---

INSTALL CONDITIONAL PATCH TO CORRECT PROBLEM.

---DEPO PATCH AREA---

Loc	From	To	Mnemonic	Loc	From.	To	Mnemonic
21674	7450	7000					
21675	5300	6005					
21676	6005	7200					

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *Yes

Processors   : 12 88 89 90 91 92

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : CC0001009

Kit Number   : ZF229   ZF014   ZK229

---AUTHORIZATION---

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: J. VROBEL	Maintainer	: D. CASALETTO
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. CASELLA	Release Engineer	: S. DUMDEY
Charge Number	: V08-05460	Coordination Number	: MC3160

A

Component Part Number : AF-C612B-A1

Component Part Description : ECO TALLY 02

ECO Purpose : Patch

Approved : No

--PRODUCT IDENTIFICATION-----------------------------------

Diagnostic Package Code : AXQQB-B1

Patch Level : 1

Product Date : 01-Aug-79

Description : AXQQBB1 APT-8 SYS DEC/X8

1ST Copyright year : 1975

Last Copyright Year : 1979

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

THE EAEDP AND EAEALL MODULES FAIL WITH KT8A
ABOVE 64K OF MEMORY. THE FAILURE ONLY OCCURS
WHEN RUNNING ABOVE 64K OF MEMORY.

--SOLUTION/CORRECTION--

INSTALL CONDITIONAL PATCH TO CORRECT PROBLEM.

--DEPO PATCH AREA--

Loc	From	To	Mnemonic	Loc	From	To	Mnemonic
21674	7450	7000					
21675	5300	6005					
21676	6005	7200					

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   : 12 88 89 90 91 92

Operational Environment   : 99

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   :

--AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: MK-DIAG
Submitting Engineer	: J. VROBEL	Maintainer	: Glenn Johnson
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. CASELLA	Release Engineer	: S. DUMDEY
Charge Number	: V98-05460	Coordination Number	: MC3161

A

Component Part Number : AF-E752A-AO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00   ECO Purpose : Change   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : ARRXA-AO   Patch Level : 0   Product Date : 16-Aug-78

Description : ARRXAAO RX28E BRUTUS   1ST Copyright year : 1978   Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-E752A-AA		AK-E751A-AA		AL-E753A-NA			

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

PROGRAM NEEDED TO VERIFY AND DEBUG DESIN CHARACTERISTICS
OF RX02. ALSO PROGRAM MAY BE USED TO REPAIR MODULES
OF KNOW FAILURES

------SOLUTION/CORRECTION------

WRITE A BRUTE FORCE DRIVER TO ENGINEERING SPECIFICATIONS
IN HOUSE USE ONLY.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 89 90 91 92 93 95

Operational Environment   : 00 99

Device Affected :   RX02

Problem Reports Affected   :

Kit Number   :

------AUTHORIZATION------

Author	: B IRRGANG	Maintaining Group	: SML SYS
Submitting Engineer	: B IRRGANG	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: DAVE BROWN	Release Engineer	: T.DAVIES
Charge Number	: V98-05350	Coordination Number	: MC2159

Component Part Number : AF-E589A-M0

Component Part Description : ECO TALLY 00 ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXRXC-A0   Patch Level : 0   Product Date : 16-Aug-78

Description : AXRXCA0 DEC/X8 MOD RX02   1ST Copyright year : 1978   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-E589A-MA		AK-E591A-MA		AH-E590A-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

NEW DEC/X8 MOUDLE REQUIRED TO SUPPORT RX02.

--SOLUTION/CORRECTION--

MODIFY OLD "FLOPPY" DEC/X8 TO CREATE NEW MODULE TO SUPPORT RX02.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 95

Operational Environment   : 50

Device Affected :   RX02

Problem Reports Affected   :

Kit Number   : ZF229   ZF238   ZK229

--AUTHORIZATION--

Author	: R.IRRGANG	Maintaining Group	: SML SYS
Submitting Engineer	: B.IRRGANG	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: DAVE BROWN	Release Engineer	: T.DAVIES
Charge Number	: V98-05350	Coordination Number	: MC2160

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A
Component Part Number : AF-6585F-MO          DIGITAL EQUIPMENT CORPORATION          PAGE 1 OF 1
                                             DIAGNOSTIC ENGINEERING CHANGE ORDER    Form : B
Component Part Description : ECO TALLY 07     ECO Purpose : Change              Approved : Yes
-----------------------------------------------PRODUCT IDENTIFICATION-----------------------------
Diagnostic Package Code : AIRXB-FO           Patch Level : 0                   Product Date : 16-Aug-78

Description : NA                             1ST Copyright year : 1975         Last Copyright Year : 1978

Expanded Description :

------------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------
 Component      Media          Component      Media          Component      Media          Component      Media
 Part Number    Variable       Part Number    Variable       Part Number    Variable       Part Number    Variable
 AK-6587F-MA                   AC-6585F-MA                   AH-6586F-MA                   AL-6588F-NA



------------------------------------------------PRODUCTS OBSOLETED-----------------------------------

------------------------------------------------PROBLEM/DESCRIPTION-----------------------------------
Program needs enhancing to include support of RX02 and
VT78. Also problems exist with existing program and
has outstanding depo. Problems are: document error
suggesting support of "Cntrl E" character and with
print routine.


------------------------------------------------SOLUTION/CORRECTION-----------------------------------
Clear up outstanding Depo, fix problems in print
routine (Change temp. storage for subroutines from
loc 23 to some other location), correct documentation
concerning "Cntrl E", and enhance program for RX02.
THIS ECO REPLACES MD-08-DIRXB-E1.

------------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :        ACT Sequence Number :          Multimedia Affected : Yes

Processors               : 88 89 90 91 92 93 94 95

Operational Environment  : 00 20 99

Device Affected :  RX01    RX02

Problem Reports Affected  : CC0000858 CC0000736

Kit Number               : ZF008    ZF013    ZF220    ZF014    ZF010
------------------------------------------------AUTHORIZATION-----------------------------------
Author                 : B Irrgang              Maintaining Group        : Sml Sys
Submitting Engineer    : B Irrgang              Maintainer               : G Johnson
Product Engineer       :                        Field Service Engineer   :
Manufacturing Engineer :                        Release Engineer         : K Fleming
Charge Number          : V98-05350              Coordination Number      : MC2186
```

Component Part Number : AF-E505B-MO

Component Part Description : ECO TALLY 01

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION---

Diagnostic Package Code : AJKTA-BO   Patch Level : 0   Product Date : 25-May-78

Description : AJKTABO KT8-A MEM MNGMT OPT   1ST Copyright year : 1978   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-E506B-MA		AC-E505B-MA		AH-E507B-MA		AL-E508B-MA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Diagnostic would cause "hung diagnostic" error message
when run on the APT system. Diagnostic does not support
PDP-8E XOR.

---SOLUTION/CORRECTION---

Corrected timing problems to allow diagnostic to run on
the APT system. Provided PDP-8E XOR hooks.
THIS ECO REPLACES MD-08-DJKTA-A0/00.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 90   2nd Pass : 90   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00 20 99

Device Affected :   KT8A

Problem Reports Affected   : CC0000940

Kit Number   : ZF233

---AUTHORIZATION---

Author	: D Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: D Rice	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: Carl Cline
Manufacturing Engineer	:	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2187

```
A                                    DIGITAL EQUIPMENT CORPORATION                          PAGE 1 OF 1
Component Part Number : AF-C189B-M0   DIAGNOSTIC ENGINEERING CHANGE ORDER                    Form : B

Component Part Description : ECO TALLY 01          ECO Purpose : Change              Approved : Yes
---------------------------------------------------------PRODUCT IDENTIFICATION----------------------------------------
Diagnostic Package Code : AXKED-B0                 Patch Level : 0                   Product Date : 01-Aug-78

Description : AXKEDB0 DEC/X8 MOD EAEDP             1ST Copyright year : 1972         Last Copyright Year : 1978

Expanded Description :

--------------------------------------------------------PRODUCT COMPONENTS AFFECTED--------------------------------------
 Component      Media           Component      Media          Component      Media         Component      Media
 Part Number    Variable        Part Number    Variable       Part Number    Variable      Part Number    Variable
 AK-C191B-MA                    AC-C189B-MA                   AH-C190B-MA



------------------------------------------------------------PRODUCTS OBSOLETED-------------------------------------------
------------------------------------------------------------PROBLEM/DESCRIPTION------------------------------------------
DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.




------------------------------------------------------------SOLUTION/CORRECTION------------------------------------------
Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DHKEA-A.




-----------------------------------------------------------PRODUCT CHARACTERISTICS---------------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :      ACT Sequence Number :              Multimedia Affected : Yes

Processors            : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number            : ZF229    ZK229
------------------------------------------------------------AUTHORIZATION-----------------------------------------------
Author                : Don Rice               Maintaining Group       : Sml Sys
Submitting Engineer    : Don Rice               Maintainer              : MISNER
Product Engineer       : Straka/Cook            Field Service Engineer  : Carl Cline
Manufacturing Engineer : WAIVERED               Release Engineer        : K Fleming
Charge Number          : V89-08202              Coordination Number     : MC2203
```

Component Part Number : AF-C256B-M0

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXKLC-B0   Patch Level : 0   Product Date : 01-Aug-78

Description : AXKLCB0 DEC/X8 MOD MULSLU   1ST Copyright year : 1976   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C258B-MA		AC-C256B-MA		AH-C257B-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

DOES NOT SUPPORT 128K SYSTEM CONFIGURATIONS.

--SOLUTION/CORRECTION--

Updated to support maximum system size of 128K.
THIS ECO REPLACES MD-X8-DIKLC-A.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : CC0000949

Kit Number   : ZF229   ZK229

--AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: Sml Sys
Submitting Engineer	: Don Rice	Maintainer	: MISNER
Product Engineer	: Straka/Cook	Field Service Engineer	: Carl Cline
Manufacturing Engineer	: WAIVERED	Release Engineer	: K Fleming
Charge Number	: V89-08202	Coordination Number	: MC2206

A

Component Part Number : AF-6581E-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 02   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---
Diagnostic Package Code : AIRXA-EO   Patch Level : 0   Product Date : 05-Sep-78

Description : AIRXAEO RX01/02 FUNCT TEST   1ST Copyright year : 1975   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6581E-MA		AK-6583E-MA		AH-6582E-MA		AL-6584E-NA	

--PRODUCTS OBSOLETED---
--PROBLEM/DESCRIPTION--
PROGRAM NEEDS ENHANCING TO SUPPORT RX02.

---SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 93 94 95 92

Operational Environment   : 00 02 99

Device Affected :   RX01   RX02

Problem Reports Affected : CC0000966

Kit Number   : ZF008   ZF013   ZF220   ZF014   ZF010
--AUTHORIZATION--
Author   : B IRRGANG   Maintaining Group   : SML SYS
Submitting Engineer   : B IRRGANG   Maintainer   : G JOHNSON
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : R RAWSKI
Charge Number   : V98-05350   Coordination Number   : MC2363

Component Part Number : AH-65711-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 08

ECO Purpose : Change

Approved : Yes

----------PRODUCT IDENTIFICATION----------

Diagnostic Package Code : AJQAC-IO

Patch Level : 0

Product Date : 01-Oct-78

Description : AJQACIO PDP-8 MAINDEC INDEX

1ST Copyright year : '976

Last Copyright Year : 1978

Expanded Description :

----------PRODUCT COMPONENTS AFFECTED----------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-65711-MA		AH-65721-MA					

----------PRODUCTS OBSOLETED----------

----------PROBLEM/DESCRIPTION----------

INDEX UPDATED TO REFLECT CHANGES TO PDP-8 DIAGNOSTICS.

----------SOLUTION/CORRECTION----------

----------PRODUCT CHARACTERISTICS----------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   :

Operational Environment   :

Device Affected :   INDEX

Problem Reports Affected   :

Kit Number   :

----------AUTHORIZATION----------

Author	: Release Eng	Maintaining Group	: Release Eng
Submitting Engineer	: D Beausoleil	Maintainer	: C Cinnamon
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: C Cinnamon	Release Engineer	: T.DAVIES
Charge Number	: V98-08162	Coordination Number	: MC2378

79

A

Component Part Number : AF-F101J-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 09

ECO Purpose : Change

Approved : Yes

------------------------------------PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : AIZAA-J0

Patch Level : 0

Product Date : 01-Oct-78

Description : AIZAAJ0 PDP-8 MULTI-MEDIA

1ST Copyright year : 1976

Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

THE FOLLOWING MULTI-MEDIA REVISIONS WILL
BE EFFECTIVE IN OCT. 1978.

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected :

Kit Number   :

--AUTHORIZATION--

Author	: Release Eng	Maintaining Group	: Release Eng
Submitting Engineer	: D Beausoleil	Maintainer	: C Cinnamon
Product Engineer		Field Service Engineer	:
Manufacturing Engineer	: C Cinnamon	Release Engineer	: K Fleming
Charge Number	: V98-08162	Coordination Number	: MC2380

--CONTINUATION--

AH05 Q R COS 300 RK   AJRXF D E RX01 #3
AJRLZ NEW A RL01 DSK   AJRXG B C RX01 #4
AJRXA M N CL/8 #1   AJRXH B C WS202 RX
AJRXB F G PDP-8 RX   08-DKRXA A AKRXA-B VT78 RX
AJRXC I J RX01 #1   AXQAA N O DEC/X8 LT
08-DJRXD D AJRXD-E RX01 #2   AXQAE N O DEC/X8 DT
08-DJRXE C -- CL/8 #2   AXRXA H I DEC/X8 RX

A

A

Component Part Number : AF-C290M-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 06 | ECO Purpose : Change | Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AXQAF-M0 | Patch Level : 0 | Product Date : 01-Oct-78

Description : AXQAFM0 DEC/X8 SW MOD INX | 1ST Copyright year : 1973 | Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C290M-MA		AH-C292M-MA					

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

DOCUMENT UPDATED TO REFLECT DEC/X8 MODULE CHANGES.

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected :

Kit Number   : ZK229   ZF229

------AUTHORIZATION------

Author	: REL ENG	Maintaining Group	: Rel Eng
Submitting Engineer	: D Beausoleil	Maintainer	: C Cinnamon
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: C Cinnamon	Release Engineer	: TDAVIES
Charge Number	: V98-05077	Coordination Number	: MC2379

A

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING PATCH ORDER

Component Part Number : AF-6585F-M1

Component Part Description : ECO TALLY 08   ECO Purpose : Patch   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AIRXB-F1   Patch Level : 1   Product Date : 18-Oct-78

Description : AIRXBF1 RX01/02 PERF EXER   1ST Copyright year : 1978   Last Copyright Year : 1978

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

PROGRAMS GET LOST AT END OF PASS AND WILL NOT RESTART.

---SOLUTION/CORRECTION---

THIS PROBLEM ONLY OCCURS WHEN AN ERROR HAPPENS ON A PASS.
PROBLEM IS IN ROUTINE 'ERROR 3'' DCA TO ADDRESS 'MDIRECTIVE''
IS TO WRONG FIELD. SOLUTION NOP'S THE DEA.
THIS WILL BE CLEARED UP BETTER IN NEXT REVISION.

---DEPO PATCH AREA---

Loc	From	To	Mnemonic	Loc	From	To	Mnemonic
1161	3221	7200					
11701	6000	6100					

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 88 89 90 91 92 93 94 95

Operational Environment   : 00 20 99

Device Affected :   RX01   RX02

Problem Reports Affected : CC0001007

Kit Number   : ZF008   ZF013   ZF220   ZF014   ZF010

---AUTHORIZATION---

Author   : B Irrgang   Maintaining Group   : DIAG ENG
Submitting Engineer   : B Irrgang   Maintainer   : SML SYS
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   :   Release Engineer   : MAUREEN HANSEN
Charge Number   : V98-05350   Coordination Number   : MC2479

A

Component Part Number : AF-E629A-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AKDPA-A0

Patch Level : 0

Product Date : 13-Nov-78

Description : AKDPAA0 DP78 DATA AND REG TST

1ST Copyright year : 1978

Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-E629A-MA		AK-E630A-MA		AH-E631A-MA		AL-E632A-MA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

NEW SUBMISSION

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 120   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 95

Operational Environment   : 00 20 99

Device Affected :   DP78

Problem Reports Affected   :

Kit Number   : ZF014

--AUTHORIZATION--

Author	: D.RICE	Maintaining Group	: SML SYS
Submitting Engineer	: D.RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: MAUREEN HANSEN
Charge Number	: V89-03396	Coordination Number	: MC2537

A

Component Part Number : AF-6571J-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : 09   ECO Purpose : Change   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AIQAC-JO Patch Level : 0   Product Date : 01-Dec-78

Description : AIQACJO PDP-8 MAINDEC INDEX 1ST Copyright year : 1976 Last Copyright Year : 1978

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6571J-MA		AH-6572J-MA					

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

INDEX UPDATED TO REFLECT CHANGES TO PDP-8 DIAGNOSTICS

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass : 2nd Pass : ACT Sequence Number : Multimedia Affected : Yes

Processors :

Operational Environment :

Device Affected : INDEX

Problem Reports Affected :

Kit Number :

------AUTHORIZATION------

Author	: Release Eng	Maintaining Group	: Release Eng
Submitting Engineer	: D Beausoleil	Maintainer	: C Cinnamon
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: C Cinnamon	Release Engineer	: MAUREEN HANSEN
Charge Number	: V98-08815	Coordination Number	: MC2559

A

Component Part Number : AF-F101K-M0

Component Part Description : ECO TALLY 10

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AIZAA-K0   Patch Level : 0   Product Date : 01-Dec-78

Description : AIZAAK0 PDP-8 MULTI-MEDIA   1ST Copyright year : 1976   Last Copyright Year : 1978

Expanded Description :

---------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------

---PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION--

THE FOLLOWING MULTI-MEDIA REVISIONS WILL
BE EFFECTIVE IN DEC. 1978.

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: REL ENG	Maintaining Group	: Release Eng
Submitting Engineer	: D Beausoleil	Maintainer	: C Cinnamon
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: C Cinnamon	Release Engineer	: K Fleming
Charge Number	: V98-08815	Coordination Number	: MC2560

--CONTINUATION--

```
AH05-R-S-COS 300 RK          AJRXG-C RX01 #4
AJRLZ-A-B-RL01 DSK           AJRXH-C-D WS202 RX
AJRXA-N-O-CL/8 #1            AKRXA-B-C VT78 RX
AJRXB-G-H-PDP-8 RX           AJRXI-A-NEW DEC 88 RX
AJRXC-J- RX01 #1             AXQAA-0 DEC/X8 LT
AJRXD-E RX01 #2              AXQAE-0 DEC/X8 DT
08-DJRXE-C CL/8 #2           AXRXA-I DEC/X8 RX
AJRXF-E RX01 #3
```

A

Component Part Number : AF-6653C-M0

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION----------------------------------

Diagnostic Package Code : AJEXC-CO

Patch Level : 0

Product Date : 28-Nov-78

Description : AJEXCCO 4K TO 32K PROC EXER

1ST Copyright year : 1975

Last Copyright Year : 1979

Expanded Description :

---PRODUCT COMPONENTS AFFECTED-----------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6653C-MA		AK-6655C-MA		AH-6654C-MA		AL-6656C-NA	

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION---

DIAGNOSTIC GETS LOST OR PRINT BAD ERROR INFORMATION
ON A VT78.

---SOLUTION/CORRECTION---

PROGRAM UPDATED TO ENHANCE ERROR REPORTS, DATA CHECKING
WAS PROVIDED, AND ORIGINAL DATA REPLACED AFTER EXECUTION.

---PRODUCT CHARACTERISTICS-------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 95

Operational Environment : 00 20 99

Device Affected :   PDP8A

Problem Reports Affected : CC0001019

Kit Number   : ZF008   ZF014   ZF009   ZF016   ZF214   ZF010

---AUTHORIZATION---

Author	: BRUCE HANSEN	Maintaining Group	: DIAG-MK
Submitting Engineer	: B POLAND	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: K. MASSEY	Release Engineer	: S. DUMDEY
Charge Number	: V89 -08202	Coordination Number	: MC2790

A

Component Part Number : AF-6229C-M0

Component Part Description : ECO TALLY 02   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AHDRA-C0	Patch Level : 0	Product Date : 30-Jan-79
Description : AHDRACO DR8-EA 12 CHAN INTFC	1ST Copyright year : 1972	Last Copyright Year : 1979

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6229C-MA		AK-6231C-MA		AH-6230C-MA		AL-6232C-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

WHEN RUNNING DHDRA UNDER APT THE DIAG. WILL HANG
IN AN ERROR LOOP.

---SOLUTION/CORRECTION---

TO EFFECTIVELY RUN AHDRA UNDER APT, LOCATION 4414
WAS CHANGED TO A CMA TO CORRECTLY SET UP THE
INTERRUPT JUMPER MASK FOR INPUT REGISTER BITS.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 90 89 91 92

Operational Environment   : CO 20

Device Affected :   DR8-EA

Problem Reports Affected   : CC0000915

Kit Number   : ZF013   ZF136

---AUTHORIZATION---

Author	: D MACOMBER	Maintaining Group	: PRO ENH
Submitting Engineer	: H. CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: G. BEAN	Release Engineer	: S. DUMDEY
Charge Number	: V98 -05460	Coordination Number	: MC2842

Λ

Component Part Number : AF-6527D-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AIKLA-D0

Patch Level : 0

Product Date : 10-Jan-79

Description : AIKLAD0 KL9-J/K LOOP BACK TST

1ST Copyright year : 1973

Last Copyright Year : 1979

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6527D-MA		AK-6529D-MA		AH-6528D-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

THE KL-8L LOOP BACK TST DIAG. WILL NOT RUN THE TELETYPE
INTERROGATION TO THE CONTROL/DATA TEST; BECAUSE THE HARDWARE
SWITCH REGISTER CANNOT BE ENABLED DUE TO LOCATION
21=0000. CONSOLE PACKAGE AND FILLER
CHARACTERS ARE BOTH DEFINED AS BIT 3=1. CONFLICTION
EXISTS BETWEEN IOT'S AND PSEUDO SWITCH REGISTER UNDER APT.

--SOLUTION/CORRECTION--

LOCATION 21 WAS CHANGED FROM 0000 TO 4000 TO ENABLE
THE HARDWARE SWITCH REGISTER. CHANGED FILLER CHARACTER
TO BIT 4=1. ALL PSEUDO SWITCH FUNCTIONS OF BIT 10 WERE
INHIBITED.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 12

Operational Environment   : 00 99 20

Device Affected :   KL8-J   KL8-K

Problem Reports Affected   : CC0001004

Kit Number   : ZF010   ZF144   ZF238   ZF016

--AUTHORIZATION--

Author	: B. HANSEN	Maintaining Group	: PRO ENH
Submitting Engineer	: H. CZIRiA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: G. BEAN	Release Engineer	: S. DUMDEY
Charge Number	: V98 -05460	Coordination Number	: MC2815

A

Component Part Number : AF-F382A-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AXRLB-A0   Patch Level : 0   Product Date : 23-Feb-79

Description : AXRLBA0 DEC/X8 MOD RL8/RL02   1ST Copyright year : 1979   Last Copyright Year : 1979

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F382A-MA		AK-F383A-MA		AH-F384A-MA			

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

NONE, NEW PROGRAM.

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   :

Kit Number   : ZF241

--AUTHORIZATION--
Author   : HANK POULTER   Maintaining Group   : SMALL SYSTEMS
Submitting Engineer   : HANK POULTER   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   : J. BEIKE   Release Engineer   : S. DUMDEY
Charge Number   : P89-08202   Coordination Number   : MC2952

Component Part Number : AF-6315C-MO

Component Part Description : ECO TALLY 02   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AHLQA-CO   Patch Level : 0   Product Date : 29-Mar-79

   cription : AHLQACO LQP-8 PRINTER DIAG   1ST Copyright year : 1977   Last Copyright Year : 1979

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6315C-MA		AK-6318C-MA		A'-6319C-NO		AH-6317C-MA	

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION---
SPECIAL ADDRESS LOCATIONS IN DIAGNOSTIC DHLQAB,
SECTION 8.2, ARE INCORRECT FOR REV. B.

---SOLUTION/CORRECTION--
SPECIAL ADDRESS LOCATIONS:
LINE LOC 127 CHANGED TO 131.
SPACE LOC 125 CHANGED TO 127.
LF LOC 126 CHANGED TO 130.

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 99

Device Affected :   VT78   LQP8

Problem Reports Affected : CC0001016

Kit Number   : ZF008   ZF014
---AUTHORIZATION--
Author   : DAVE ORIN   Maintaining Group   : PROD. ENH.
Submitting Engineer   : H. CZIRIA   Maintainer   : JOHN VROBEL
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : M. HANSEN
Charge Number   : Q98-05460   Coordination Number   : MC2811

Component Part Number : AF-6571K-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description : ECO TALLY 10

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AIQAC-K0

Patch Level : 0

Product Date : 01-Feb-79

Description : AIQACK0 PDP-8 MAINDEC INDEX

1ST Copyright year : 1976

Last Copyright Year : 1979

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6571K-MA		AH-6572K-MA					

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

INDEX UPDATED TO REFLECT CHANGES TO PDP-8
DIAGNOSTICS.

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   :

Operational Environment   :

Device Affected :   INDEX

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author   : Release Eng   Maintaining Group   : Release Eng
Submitting Engineer   : D Beausoleil   Maintainer   : C Cinnamon
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer   : C Cinnamon   Release Engineer   : MAUREEN HANSEN
Charge Number   : V98-08162   Coordination Number   : MC2840

Component Part Number : AF-F101L-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 11

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AIZAA-LO

Patch Level : 0

Product Date : 01-Feb-79

Description : AIZAALO PDP-8 MULTI-MEDIA

1ST Copyright year : 1976

Last Copyright Year : 1979

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

THE FOLLOWING MULTI-MEDIA REVISIONS WILL BE
EFFECTIVE IN FEB. 1979.

------SOLUTION/CORRECTION------

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected :

Kit Number   :

------AUTHORIZATION------

Author	: REL ENG	Maintaining Group	: Release Eng
Submitting Engineer	: D Beausoleil	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: C Cinnamon	Release Engineer	: M. HANSEN
Charge Number	: V98-08162	Coordination Number	: MC2839

------CONTINUATION------

```
AH05B--S--T              AJRXG--C--
AJRLZ--B--C              AJRXH--D--E
AJRXA--O--P              AJRXI--A--B
AJRXB--H--I              AKRXB--NEW--A
AJRXC--J--               AXQAA--O--
AJRXD--E--               AXQAE--O--
08-DJRXE--C--            AXRXA--I--
AJRXF--E--               AKRXA-C-D
```

A

Component Part Number : AF-C656C-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

Component Part Description : ECO TALLY 02

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLA-C0

Patch Level : 0

Product Date : 29-Mar-79

Description : AJRLAC0 RL8-A DSKLS CTRLR

1ST Copyright year : 1978

Last Copyright Year : 1979

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C656C-MA		AK-C658C-MA		AH-C657C-MA		AL-C659C-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

DOCUMENTATION DOES NOT INCLUDE RL02.

--SOLUTION/CORRECTION--

CHANGE DOCUMENTATION AND TEXT FILE TO SAY THAT THIS
PROGRAM WILL TEST BOTH THE RL8/RL01 AND RL8/RL02.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 5   2nd Pass : 90   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A   RL02

Problem Reports Affected :

Kit Number   : ZF241

--AUTHORIZATION--

Author	: HANK POULTER	Maintaining Group	: Small Sys
Submitting Engineer	: HANK POULTER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: GREG BEAN	Release Engineer	: M. HANSEN
Charge Number	: P89-08202	Coordination Number	: MC2951

A

Component Part Number : AF-F362A-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLH-AO	Patch Level : 0	Product Date : 29-Mar-79
Description : AJRLHA0 RL8/RL02	1ST Copyright year : 1979	Last Copyright Year : 1979

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F362A-MA		AK-F363A-MA		AH-F364A-MA		AL-F365A-MA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

NONE, NEW PROGRAM.

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 390   2nd Pass : 390   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A/RLO

Problem Reports Affected   :

Kit Number   : ZF241

--AUTHORIZATION--

Author	: HANK POULTER	Maintaining Group	: SMALL SYSTEMS
Submitting Engineer	: HANK POULTER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: M. HANSEN
Charge Number	: P89-08202	Coordination Number	: MC2950

A

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Number : AF-F366A-M0

Component Part Description : ECO TALLY 0   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLI-A0   Patch Level : 0   Product Date : 29-Mar-79

Description : AJRLIA0 RL8/RL02   1ST Copyright year : 1979   Last Copyright Year : 1979

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F366A-MA		AK-F367A-MA		AH-F368A-MA		AL-F369A-MA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

NONE, NEW PROGRAM.

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 120   2nd Pass : 300   ACT Sequence Number :   Multimedia Affected : Yes

Processors : 89 90 91 92

Operational Environment : 00 20 99

Device Affected : RL8A/RL0

Problem Reports Affected :

Kit Number : ZF241

--AUTHORIZATION--

Author	: HANK POULTER	Maintaining Group	: SMALL SYS.
Submitting Engineer	: HANK POULTER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: M. HANSEN
Charge Number	: P89-08202	Coordination Number	: MC2949

A

Component Part Number : AF-F370A-M0

Component Part Description : ECO TALLY 0 | ECO Purpose : Change | Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AJRLJ-A0 | Patch Level : 0 | Product Date : 29-Mar-79

Description : AJRLJA0 RL8/RL02 DRV CPT | 1ST Copyright year : 1979 | Last Copyright Year : 1979

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F370A-MA		AK-F371A-MA		AH-F372A-MA		AL-F373A-MA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

NONE, NEW PROGRAM

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 300   2nd Pass : 300   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment : 00 20 99

Device Affected : RL8ARL02

Problem Reports Affected :

Kit Number   : ZF241

---AUTHORIZATION---

Author	: HANK POULTER	Maintaining Group	: SMALL SYS
Submitting Engineer	: HANK POULTER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: M. HANSEN
Charge Number	: F89-08202	Coordination Number	: MC2948

A

Component Part Number : AF-F374A-M0

Component Part Description : ECO TALLY 0

ECO Purpose : Change

Approved : Yes

-----PRODUCT IDENTIFICATION-----

Diagnostic Package Code : AJRLK-A0

Patch Level : 0

Product Date : 29-Mar-79

Description : AJRLKA0 RL8/RL02 PERF EXER

1ST Copyright year : 1979

Last Copyright Year : 1979

Expanded Description :

-----PRODUCT COMPONENTS AFFECTED-----

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F374A-MA		AK-F375A-MA		AH-F376A-MA		AL-F377A-MA	

-----PRODUCTS OBSOLETED-----

-----PROBLEM/DESCRIPTION-----

NONE, NEW PROGRAM.

-----SOLUTION/CORRECTION-----

-----PRODUCT CHARACTERISTICS-----

Run Time (seconds) 1st Pass : 300   2nd Pass : 32767   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A/RL0

Problem Reports Affected   :

Kit Number   : ZF241

-----AUTHORIZATION-----

Author	: HANK POULTER	Maintaining Group	: SMALL SYS.
Submitting Engineer	: HANK POULTER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: M. HANSEN
Charge Number	: P89-08202	Coordination Number	: MC2947

A

Component Part Number : AF-F378A-M0

Component Part Description : ECO TALLY 0

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLL-A0

Patch Level : 0

Product Date : 29-Mar-79

Description : AJRLLA0 RL8/RL02 PCK VFYR

1ST Copyright year : 1979

Last Copyright Year : 1979

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AF-F378A-MA		AK-F379A-MA		AH-F380A-MA		AL-F381A-MA	

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION---

NONE, NEW PROGRAM.

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 40   2nd Pass : 960   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A/RL0

Problem Reports Affected   :

Kit Number   : ZF241

---AUTHORIZATION---

Author	: HANK POULTER	Maintaining Group	: SMALL SYS.
Submitting Engineer	: HANK POULTER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: M. HANSEN
Charge Number	: P89-08202	Coordination Number	: MC2946

A

Component Part Number :

Component Part Description :

ECO Purpose : Patch   Approved : Yes

--PRODUCT IDENTIFICATION---

Diagnostic Package Code : MD-08-DKVTB-A1   Patch Level : 1   Product Date : 01-Jan-79

Description :   1ST Copyright year : 1977   Last Copyright Year : 1979

Expanded Description : VT78 CPU DIAGNOSTIC

---PRODUCT COMPONENTS AFFECTED--

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION--

VT78 CPU DIAGNOSTIC DOES NOT SUPPORT THE
RX02.

--SOLUTION/CORRECTION--

INSERT THE FOLLOWING PATCH.

--DEPO PATCH AREA--

Loc	From	To	Mnemonic	Loc	From	To	Mnemonic
15172	277	227					

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 20   2nd Pass : 20   ACT Sequence Number :   Multimedia Affected : *No

Processors   : 95

Operational Environment   : 00 20 99

Device Affected :   VT78

Problem Reports Affected   :

Kit Number   : ZF014

--AUTHORIZATION--

Author	: DIAG ENG.	Maintaining Group	: DIAG ENG.
Submitting Engineer	: SAM CARPENTER	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: M. HANSEN
Charge Number	: V89-08202	Coordination Number	: MC2812

```
A
                                                           DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
Component Part Number :                                     DIAGNOSTIC ENGINEERING PATCH ORDER                          Form : B

Component Part Description :                                ECO Purpose : Patch                        Approved : Yes
------------------------------------------------------------PRODUCT IDENTIFICATION-------------------------------------------------
Diagnostic Package Code : MD-08-DHLQB-B1                    Patch Level : 1                            Product Date : 29-Mar-79

Description :                                               1ST Copyright year : 1977                 Last Copyright Year : 1979

Expanded Description : LQP8 MULTIPLE PRINTER DIAGNOSTIC

-----------------------------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------------
  Component        Media           Component        Media           Component        Media           Component        Media
  Part Number      Variable        Part Number      Variable        Part Number      Variable        Part Number      Variable
  DHLQB-B-D                        DHLQB-B-PB                       DHLQB-B-UA


  -----------------------------------------------------------PRODUCTS OBSOLETED------------------------------------------------------
  -----------------------------------------------------------PROBLEM/DESCRIPTION----------------------------------------------------
1) PROGRAM DESIGNED TO RUN ON SPECIAL HARDWARE AND
THEREFORE RESTRICTED DISTRIBUTION TO MANUFACTURING
ONLY. WPS 80 PRODUCT LINE HAS SYSTEMS WITH UP TO 4
LQP PRINTERS AND WOULD LIKE TO USE THIS PROGRAM ON
THEIR KIT.


-----------------------------------------------------------SOLUTION/CORRECTION---------------------------------------------------
A TWO LOCATION PATCH WILL ALLOW THE PROGRAM TO BE
RUN ON THE WPS80/WPS200 AND BE INCLUDED IN THE
ZF0016 KIT. THE PATCH WILL ALLOW THE USE OF DEVICE
CODES 650X THRU 653X.


-----------------------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------------------
Run Time (seconds) 1st Pass :              2nd Pass :        ACT Sequence Number :                  Multimedia Affected : Yes

Processors                 : 89 90 91

Operational Environment    : 00 99

Device Affected :   LQP8       (M8366)

Problem Reports Affected   :

Kit Number                 :
-----------------------------------------------------------AUTHORIZATION-------------------------------------------------------
Author                 : DAVID ORIN                          Maintaining Group        : SML SYS
Submitting Engineer    : D. ORIN                             Maintainer               : MISNER
Product Engineer       :                                     Field Service Engineer   :
Manufacturing Engineer :                                     Release Engineer         : M. HANSEN
Charge Number          : V89-08202                           Coordination Number      : MC3065
-----------------------------------------------------------CONTINUATION--------------------------------------------------------
FLD 0 ADRS 0341 FROM 7750 TO 7774                            FLD 0 ADRS 4576 FROM 7750 TO 7774
```

```
A                                           DIGITAL EQUIPMENT CORPORATION              PAGE 1 OF 1
Component Part Number : 00-00000-00         DIAGNOSTIC ENGINEERING CHANGE ORDER        Form : B

Component Part Description : NA                  ECO Purpose : Change             Approved : Yes
---------------------------------------------PRODUCT IDENTIFICATION--------------------------------------
Diagnostic Package Code : AZZZZ-A0               Patch Level : 0                  Product Date : 12-Aug-79

Description : AZZZZ-A0 DESCRIPTION               1ST Copyright year : 1979        Last Copyright Year : 1979

Expanded Description :
-------------------------------------------PRODUCT COMPONENTS AFFECTED-----------------------------------
Component        Media        Component       Media           Component      Media        Component      Media
Part Number      Variable     Part Number     Variable        Part Number    Variable     Part Number    Variable
AF-00000-00                   AK-00000-00


----------------------------------------------PRODUCTS OBSOLETED----------------------------------------
----------------------------------------------PROBLEM/DESCRIPTION---------------------------------------
NO PROBLEM


---------------------------------------------SOLUTION/CORRECTION---------------------------------------
NO SOLUTION


------------------------------------------------DEPO PATCH AREA----------------------------------------
Loc       From        To          Mnemonic              Loc      From       To         Mnemonic
11111111 222222222222 MNEMI
3333333  44           55

---------------------------------------------PRODUCT CHARACTERISTICS-----------------------------------
Run Time (seconds) 1st Pass :          2nd Pass :      ACT Sequence Number :            Multimedia Affected : Yes

Processors               : 01 02

Operational Environment  : 32 01 70

Device Affected :   GREENEST   BLUEST

Problem Reports Affected : AA0000002 BB0000003

Kit Number               : ZJ123    ZJ124
------------------------------------------------AUTHORIZATION------------------------------------------
Author                : K FLEMING                    Maintaining Group      : DIAGNOSTICS
Submitting Engineer   : K FLEMING                    Maintainer             : C CINNAMON
Product Engineer      :                              Field Service Engineer :
Manufacturing Engineer :                             Release Engineer       : K FLEMING
Charge Number         : 000-00000                    Coordination Number    : MC9998
```

Component Part Number :

Component Part Description :

ECO Purpose : Obsoletion   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AC-08-QZZZZ-D1   Patch Level : 1   Product Date : 12-Aug-79

Description :   1ST Copyright year : 1979   Last Copyright Year : 1979

Expanded Description : AC-08-AZZZZ-D1 EXPANDED DESCRIPTION

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AF-0000D-M1		AK-0000D-M1					

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 01 02

Operational Environment   : 32 01 70

Device Affected :   GREENEST   REDDEST

Problem Reports Affected   :

Kit Number   : ZJ124   ZJ123

---AUTHORIZATION---
Author   : K FLEMING   Maintaining Group   : DIAGNOSTICS
Submitting Engineer   : K FLEMING   Maintainer   : C CINNAMON
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer :   Release Engineer   : K FLEMING
Charge Number   : 000-00000   Coordination Number   : MC9996

Component Part Number :   DIGITAL EQUIPMENT CORPORATION
                                                                                            DIAGNOSTIC ENGINEERING PATCH ORDER

Component Part Description :   ECO Purpose : Patch   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : MD-08-DZZZZ-D2   Patch Level : 2   Product Date : 12-Aug-79

Description :   1ST Copyright year : 1979   Last Copyright Year : 1979

Expanded Description : AZZZZ-D2 EXPANDED DESCRIPTION

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AF-00000-D2		AK-0000D-M2					

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION--
NO PROBLEM

---SOLUTION/CORRECTION---
NO SOLUTION

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 01 02

Operational Environment   : 32 01 70

Device Affected :

Problem Reports Affected   :

Kit Number   : ZJ124
---AUTHORIZATION--
Author   : K FLEMING   Maintaining Group   : DIAGNOSTICS
Submitting Engineer   : K FLEMING   Maintainer   : C CINNAMON
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer :   Release Engineer   : K FLEMING
Charge Number   : 000-00000   Coordination Number   : MC9997

```
A
Component Part Number : AF-C2900-M0                        DIGITAL EQUIPMENT CORPORATION                              PAGE 1 OF 1
                                                        DIAGNOSTIC ENGINEERING CHANGE ORDER                           Form : B

Component Part Description : ECO TALLY 13                    ECO Purpose : Change                      Approved : Yes
---------------------------------------------------------PRODUCT IDENTIFICATION--------------------------------------------
Diagnostic Package Code : AXQAF-00                          Patch Level : 0                           Product Date : 01-Oct-79

Description : AXQAF00 DEC/X8 SW MOD INX                     1ST Copyright year : 1973                 Last Copyright Year : 1979

Expanded Description :

--------------------------------------------------------PRODUCT COMPONENTS AFFECTED---------------------------------------
 Component          Media                Component          Media                 Component       Media              Component         Media
 Part Number        Variable             Part Number        Variable              Part Number     Variable           Part Number       Variable
 AC-C2900-MA                             AH-C2920-MA



-------------------------------------------------------------PRODUCTS OBSOLETED------------------------------------------------
-------------------------------------------------------------PROBLEM/DESCRIPTION-----------------------------------------------
INDEX NEEDS UPDATING




-------------------------------------------------------------SOLUTION/CORRECTION----------------------------------------------
INDEX UPDATED




-------------------------------------------------------------PRODUCT CHARACTERISTICS------------------------------------------
Run Time (seconds) 1st Pass :              2nd Pass :         ACT Sequence Number :                 Multimedia Affected : No

Processors               :

Operational Environment  :

Device Affected :

Problem Reports Affected  :

Kit Number               : ZF229
-------------------------------------------------------------AUTHORIZATION------------------------------------------------------
Author                   : REL ENG                            Maintaining Group          : REL ENG
Submitting Engineer      : D Beausoleil                       Maintainer                 : MISNER
Product Engineer         :                                    Field Service Engineer     :
Manufacturing Engineer   : C Cinnamon                         Release Engineer           : TDAVIES
Charge Number            : 098-08815                          Coordination Number        : MC3546
-------------------------------------------------------------CONTINUATION------------------------------------------------------
?
```

A

Component Part Number : AF-B839C-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AHXYA-CO

Patch Level : 0

Product Date : 15-Oct-79

Description : AHXYACO PLTR CTRL & DSPLY

1ST Copyright year : 1971

Last Copyright Year : 1980

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-B839C-MA		AK-B841C-MA		AH-B840C-MA		AL-B842C-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

TIMING PROBLEM, PLLR IOT WITH AC=NN SET FLAG
PRIOR TO 5MS. PROGRAM DOES NOT TAKE INTO
CONSIDERATION SOME TTY DO NOT HAVE AN ALTMODE
BUT USE AN ESCAPE KEY. PROGRAM DOES NOT RUN
ON AN UNENCODED 663 CAL COMP PLOTTER SERIES.

---SOLUTION/CORRECTION---

BECAUSE OF DIFFERENT KINDS OF MEMORY, TIMING
CONSTANTS WERE CHANGED TO SO IT TAKES THIS
INTO CONSIDERATION. BECAUSE OF TTY DIFFERENCES,
PROGRAM TESTS FOR ALTMODE OR ESCAPE KEY. PROGRAM
CHANGED TO TEST FOR UNENCODED OR ENCODED, 8 OR 24
VECTORS PLOTTER SERIES.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 92

Operational Environment   : 00

Device Affected :   XY8-E

Problem Reports Affected   : HH0000340

Kit Number   : ZF011   ZF194

---AUTHORIZATION---

Author	: L. BEYERSDORFER	Maintaining Group	: PRO ENH
Submitting Engineer	: H. CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. CASELLA	Release Engineer	: S. DUMDEY
Charge Number	: V98-05460	Coordination Number	: MC3408

A

Component Part Number : AF-6208B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AHDHA-B0

Patch Level : 0   Product Date : 25-Oct-79

Description : AHDHAB0 DH8E HOST PROGRAM

1ST Copyright year : 1976   Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6208B-MA		AK-6210B-MA		AH-6209B-MA		AL-6211B-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

WOULD NOT READ DECX/8 MULTIPLE SEGMENT PAPER
TAPES OR FILES.

--SOLUTION/CORRECTION--

ENHANCED PROGRAM TO READ DEC/X8 MULTIPLE SEGMENT
PAPER TAPES OR FILES.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 50

Device Affected :   DH8E

Problem Reports Affected : CC0000707

Kit Number   : ZF230   ZF238

--AUTHORIZATION--

Author   : J. ADAMS   Maintaining Group   : PRO ENH
Submitting Engineer   : H. CZIRIA   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer : J. BEIKE   Release Engineer   : S. DUMDEY
Charge Number   : V98-05460   Coordination Number   : MC3423

A

	DIGITAL EQUIPMENT CORPORATION	
Component Part Number : AF-65710-M0	DIAGNOSTIC ENGINEERING CHANGE ORDER	PAGE 1 OF 1 Form : B

Component Part Description : ECO TALLY 12   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : AIQAC-00   Patch Level : 0   Product Date : 01-Jan-80

Description : AIQAC00 PDP-8 MAINDEC INDEX   1ST Copyright year : 1976   Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED---

Component Part Number AC-65710-MA	Media Variable	Component Part Number AH-65720-MA	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---

INDEX NEEDS UPDATING

---SOLUTION/CORRECTION---

INDEX UPDATED

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF001   ZF002   ZF003   ZF004   ZF005   ZF006   ZF007   ZF008   ZF009   ZF010
                  ZF011   ZF012   ZF013   ZF014   ZF015   ZF016   ZF017

---AUTHORIZATION---
Author   : Release Eng   Maintaining Group   : REL ENG
Submitting Engineer   : D Beausoleil   Maintainer   : CINNAMON
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   : C Cinnamon   Release Engineer   : MAUREEN HANSEN
Charge Number   : G98-08815   Coordination Number   : MC3547

A

Component Part Number : AF-F775A-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00   ECO Purpose : New   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AILQA-A0   Patch Level : 0   Product Date : 17-Mar-80

Description : AILQAA0 LQPF DIAGNOSTIC   1ST Copyright year : 1980   Last Copyright Year : 1980

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F775A-MA		AK-F777A-MA		AH-F776A-MA		AL-F778A-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

THIS PROGRAM RESIDES ON FLOPPY: AS-E113?
-MA (?=REV)

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 600   2nd Pass : 600   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94

Operational Environment   : 00 99

Device Affected :   LQPF

Problem Reports Affected   :

Kit Number   : ZF008   ZF014   ZF016

--AUTHORIZATION--

Author	: B. CRAFT	Maintaining Group	: DIAG-MK
Submitting Engineer	: B. CRAFT	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: JOHN BEIKE	Release Engineer	: M. HANSEN
Charge Number	: D40-02312	Coordination Number	: MC3608

```
A                                          DIGITAL EQUIPMENT CORPORATION                        PAGE 1 OF 1
Component Part Number : AF-F952A-M0        DIAGNOSTIC ENGINEERING CHANGE ORDEP                  Form : B

Component Part Description : ECO TALLY 00          ECO Purpose : New                   Approved : Yes
-------------------------------------------------PRODUCT IDENTIFICATION-------------------------------------
Diagnostic Package Code : AKVTC-A0                 Patch Level : 0                     Product Date : 17-Mar-80

Description : AKVTCA0 WS78 AUTOMATIC TEST          1ST Copyright year : 1980           Last Copyright Year : 1980

Expanded Description :

----------------------------------------------PRODUCT COMPONENTS AFFECTED----------------------------------
 Component      Media            Component      Media          Component      Media          Component      Media
 Part Number    Variable         Part Number    Variable       Part Number    Variable       Part Number    Variable
 AS-F952A-MA                     AS-F953A-NA



----------------------------------------------------PRODUCTS OBSOLETED-------------------------------------
----------------------------------------------------PROBLEM/DESCRIPTION------------------------------------
OPERATOR NUISANCE CALLS




----------------------------------------------------SOLUTION/CORRECTION------------------------------------
RELEASE OPERATOR RUNNABLE CHECKOUT DISKETTES.




----------------------------------------------------PRODUCT CHARACTERISTICS--------------------------------
Run Time (seconds) 1st Pass : 1200      2nd Pass : 3600    ACT Sequence Number :           Multimedia Affected : *No

Processors              :

Operational Environment : 00 99

Device Affected :   WS78

Problem Reports Affected :

Kit Number              : ZF242
----------------------------------------------------AUTHORIZATION------------------------------------------
Author                  : BILL CRAFT             Maintaining Group        : DIAG-MK
Submitting Engineer     : BILL CRAFT             Maintainer               : MISNER
Product Engineer        :                        Field Service Engineer   :
Manufacturing Engineer  : J. BEIKE               Release Engineer         : M. HANSEN
Charge Number           : D40-07921              Coordination Number      : MC3607
```

Component Part Number : AF-S064A-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00   ECO Purpose : New   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AKVTD-A0	Patch Level : 0	Product Date : 17-Mar-80
Description : AKVTDA0 LQP PRINT QUALITY TST	1ST Copyright year : 1980	Last Copyright Year : 1980

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AS-S064A-MA		AS-S065A-NA					

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

OPERATOR NUISANCE CALLS

--SOLUTION/CORRECTION--

RELEASE OPERATOR RUNNABLE CHECKOUT DISKETTES.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 180   2nd Pass : 180   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   : 00 99

Device Affected :   LQP78

Problem Reports Affected   :

Kit Number   : ZF242

--AUTHORIZATION--

Author	: ED BADGER	Maintaining Group	: DIAG-MK
Submitting Engineer	: B. CRAFT	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. BEIKE	Release Engineer	: M. HANSEN
Charge Number	: D40-07921	Coordination Number	: MC3606

A

Component Part Number : AF-C672B-MO	**DIGITAL EQUIPMENT CORPORATION** **DIAGNOSTIC ENGINEERING CHANGE ORDER**

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : AJRLE-B0   Patch Level : 0   Product Date : 07-Mar-80

Description : AJRLEB0 RL8-A/RL01 PERF EXER   1ST Copyright year : 1978   Last Copyright Year : 1980

Expanded Description :

---PRODUCT COMPONENTS AFFECTED-------------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C672B-MA		AK-C674B-MA		AH-C673B-MA		AL-C675B-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION---

THE RL8A DIAGNOSTIC WILL HANG UP IF YOU DO NOT TEST
DRIVE 0 AT START OF DIAGNOSTIC.

--SOLUTION/CORRECTION--

THE DIAGNOSTIC WAS ENHANCED SO IF DRIVE 0 WAS NOT
TESTED FIRST IT WOULD NOT HANG UP.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 75   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 99 20

Device Affected :   RL8A   RL01

Problem Reports Affected   : HH0000535

Kit Number   : ZF233   ZF015   ZF017   ZF239   ZF240   ZF238

--AUTHORIZATION---

Author	: D Orin	Maintaining Group	: PRO ENH
Submitting Engineer	: H. CZIRIA	Maintainer	: VROBEL
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: D. ARSENAULT	Release Engineer	: S. DUMDEY
Charge Number	: V98 -05460	Coordination Number	: MC3587

A

Component Part Number : AF-6571P-MA

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : 8INDEX

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AIQAC-PO

Patch Level : 0

Product Date : 01-Apr-80

Description : AIQACPO PDP-8 MAINDEC INDEX

1ST Copyright year : 1976

Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6571P-MA		AH-6572P-MA					

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment :

Device Affected :

Problem Reports Affected :

Kit Number   : ZF001   ZF002   ZF003   ZF004   ZF005   ZF006   ZF007   ZF008   ZF009   ZF010
                          ZF011   ZF012   ZF013   ZF014   ZF015   ZF016   ZF017

--AUTHORIZATION--

Author	: Release Eng	Maintaining Group	: PRO ENH
Submitting Engineer	: M.HANSEN	Maintainer	: VROBEL
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: VROBEL	Release Engineer	: MAUREEN HANSEN
Charge Number	: Q98-08815	Coordination Number	: MC3650

A

Component Part Number :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description :   ECO Purpose : New   Approved : Yes
--PRODUCT IDENTIFICATION------------------------------------
Diagnostic Package Code : MD-08-DJADA-A0   Patch Level : 0   Product Date : 09-Dec-74

Description :   1ST Copyright year : 1974   Last Copyright Year : 1975

Expanded Description : A/D CONVERTER MULTIPLEXER DIAGNOSTIC

--PRODUCT COMPONENTS AFFECTED------------------------------------
Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
DJADA-A-D		DJADA-A-PB		DJADA-A-UA			

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION--
THIS IS A NEW DIAGNOSTIC FOR A NEW HARDWARE OPTION
SIMILAR TO THE AD8E.

--SOLUTION/CORRECTION--
NEW DIAGNOSTIC FOR NEW HARDWARE OPTION.

--PRODUCT CHARACTERISTICS------------------------------------
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00

Device Affected :   AD8A   PDP8

Problem Reports Affected   :

Kit Number   : ZF216

--AUTHORIZATION--
Author	: V. BREUER	Maintaining Group	: CRO PRO
Submitting Engineer	: V. BREUER	Maintainer	: SHOOP
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: E. LANGTON	Release Engineer	: T.DAVIES
Charge Number	: V00-00000	Coordination Number	: MC0000

Component Part Number : AF-E113H-M1

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING PATCH ORDER

Component Part Description : ECO TALLY 00   ECO Purpose : Patch   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AJRXH-H1   Patch Level : 1   Product Date : 27-Jun-80

Description : AJRXHH1 WS200 FLP   1ST Copyright year : 1978   Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AS-E113H-M1							

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION--

THE AILQAAO LQPF DIAGNOSTIC IS INITIALIZED TO ASSUME
A VT78 SYSTEM AND WILL FAIL ON NON-VT78 SYSTEMS.

--SOLUTION/CORRECTION--

INITIALIZE DIAGNOSTIC ON FLOPPY FOR NON VT78 SYSTEM.
INSTALL PATCH.

---DEPO PATCH AREA---

Loc	From	To	Mnemonic	Loc	From	To	Mnemonic
0022	1400	0400					

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   : 88 90 91 92 89

Operational Environment   : 00 99

Device Affected :   WS200

Problem Reports Affected   :

Kit Number   : ZF016

---AUTHORIZATION---

Author	: J. VROBEL	Maintaining Group	: PRO ENH
Submitting Engineer	: H. CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. CASELLA	Release Engineer	: S. DUMDEY
Charge Number	: V98 -05460	Coordination Number	: MC3723

A

Component Part Number : AF-F952B-M0

Component Part Description : ECO TALLY 01

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AKVTC-B0

Patch Level : 0

Product Date : 03-Jul-80

Description : AKVTCB0 WS78 AUTOMATIC TEST

1ST Copyright year : 1980

Last Copyright Year : 1980

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AS-F952B-MA		AS-F953B-NA					

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

CURRENT WS78 AUTOMATIC TEST DOES NOT HANDLE
RX02 SYSTEMS.

------SOLUTION/CORRECTION------

RELEASE NEW VERSION TO TEST RX02 BASED WS78 SYSTEMS

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass : 1200   2nd Pass : 3600   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   : 00 99

Device Affected :   WS78

Problem Reports Affected   :

Kit Number   : ZF242

------AUTHORIZATION------

Author	: BILL CRAFT	Maintaining Group	: DIAG-MK
Submitting Engineer	: BILL CRAFT	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. BEIKE	Release Engineer	: M. HANSEN
Charge Number	: D20 -07921	Coordination Number	: MC3742

A

Component Part Number : AF-S064B-M0

Component Part Description : ECO TALLY 01

ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION---
Diagnostic Package Code : AKVTD-B0   Patch Level : 0   Product Date : 14-Jul-80

Description : AKVTDB0 LQP PRINT QUALITY TST   1ST Copyright year : 1980   Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AS-S064B-MA		AS-S065B-NA					

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---
REV. A HAS 2 MISTAKES
BACKSLASH IS CALLED SLASH AND SLASH IS CALLED BACKSLASH.

---SOLUTION/CORRECTION---
RELEASE REV. B TO CORRECT THE ABOVE MISTAKES.

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass : 180   2nd Pass : 180   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   : CO 99

Device Affected :   LQP78

Problem Reports Affected   :

Kit Number   : ZF242

---AUTHORIZATION---
Author   : ED BADGER   Maintaining Group   : DIAG-MK
Submitting Engineer   : B. CRAFT   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer : J. BEIKE   Release Engineer   : S. DUMDEY
Charge Number   : D40 -07921   Coordination Number   : MC3743

A

Component rt Number : AF-B829C-MO

Component Part Description : ECO TALLY 02

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION--

Diagnostic Package Code : AHMI8-CO   Patch Level : 0   Product Date : 07-Mar-80

Description : AHMIBCO MI8-E BOOTSTRAP DIAG   1ST Copyright year : 1972   Last Copyright Year : 1980

Expanded Description :

---------------------------------------PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-B829C-MA		AK-B833C-MA		AK-B834C-MA		AH-B830C-MA	
AL-B832C-NA							

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--

THE DIAGNOSTIC DID NOT TEST THE APT-8 VERSION
OF THE MI8-E BOOTSTRAP OPTION.

---SOLUTION/CORRECTION--

THE DIAGNOSTIC WAS ENHANCED TO TEST THE APT-8
VERSION OF THE MI8-E OPTION. (NOTE: AN APT-8
KL8 MODULE, CONNECTED IN LOOP BACK MODE, IS
NECESSARY FOR TESTING).

---PRODUCT CHARACTERISTICS--------------------------------------

Run Time (seconds) 1st Pass : 60   2nd Pass : 60   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 90 89 91

Operational Environment : 00

Device Affected :   MI8-E

Problem Reports Affected : CC0000263

Kit Number   : ZF159   ZF238

---AUTHORIZATION---

Author   : J. VROBEL   Maintaining Group   : PRO ENH
Submitting Engineer   : H. CZIRIA   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer : D. ARSENAULT   Release Engineer   : S. DUMDEY
Charge Number   : V98 -05460   Coordination Number   : MC3585

A

Component Part Number : AF-C660C-M0

Component Part Description : ECO TALLY 02

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLB-C0   Patch Level : 0   Product Date : 12-Feb-80

Description : AJRLBC0 RL8-A/RL01 DR PT1   1ST Copyright year : 1978   Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C660C-MA		AK-C662C-MA		AH-C661C-MA		AL-C663C-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

DIAGNOSTIC GIVES THE DRIVE ONLY 10 MS TO SET THE READY
BIT AFTER A ZERO DIFFERENCE SEEK.

---SOLUTION/CORRECTION---

DIAGNOSTIC CHANGED FROM 10 MS TO 20 MS TO ALLOW DRIVE
TO SET THE READY BIT AFTER A ZERO SEEK DIFFERENCE.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 150   2nd Pass : 150   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment : 00 20 99

Device Affected :   RL8A   RL01

Problem Reports Affected : CC0000358

Kit Number   : ZF233   ZF238   ZF016   ZF239   ZF240   ZF015   ZF017

---AUTHORIZATION---

Author	: J. RICH	Maintaining Group	: PRO ENH
Submitting Engineer	: H. CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: D. ARSENAULT	Release Engineer	: S. DUMDEY
Charge Number	: E98 -05460	Coordination Number	: MC3586

A

Component Part Number : AF-A821B-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALY 01

ECO Purpose : Change   Approved : Yes
-----------------------------------PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : AKVTA-BO

Patch Level : 0   Product Date : 01-May-80

Description : AKVTABO VT78 MOS-MEMORY DIAG

1ST Copyright year : 1977   Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-A821B-MA		AK-A822B-MA		AH-A823B-MA		AL-S133B-NA	

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION---
WHEN CONTROL C IS TYPED PROGRAM WILL NOT RETURN
TO MONITOR WHEN USING AN RX02 AS SYSTEM DISK.

--SOLUTION/CORRECTION---
PROGRAM NOW SAVES AND RESTORES FIELD 2 WHERE PART
OF THE RX02 DEVICE HANDLER IS STORED.

--PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass : 75   2nd Pass : 75   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment : 00 20 99

Device Affected :   VT78

Problem Reports Affected : EE0000098

Kit Number   : ZF014

--AUTHORIZATION---
Author	: B. LECOQ	Maintaining Group	: PRO ENH
Submitting Engineer	: H. CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: JOHN BEIKE	Release Engineer	: S. DUMDEY
Charge Number	: V98 -05460	Coordination Number	: MC3671

A

Component Part Number : AF-6573B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AIRFA-B0   Patch Level : 0   Product Date : 09-May-80

Description : AIRFAB0 RF08 DISK DATA TEST   1ST Copyright year : 1969   Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6573B-MA		AK-6575B-MA		AH-6574B-MA		AL-6576B-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

DIAGNOSTIC IS NOT SET UP TO TEST FOR MULTIPLE
FIELDS OR DRIVES.

--SOLUTION/CORRECTION--

REVISION WAS MADE TO INCLUDE THE OPTION TO SELECT
MULTIPLE DISKS OR FIELDS ADDITIONAL CODE ENHANCES
THE AVAILABILITY TO CHANGE THE IOT CODES. TEXT
ADDED TO PRINT OUT DRIVE NUMBER WHICH ALLOWS
EASIER RECOGNITION OF DRIVE WHERE ERROR OCCURRED.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 93 94 89 12

Operational Environment   : 00 20 40

Device Affected :   RF08

Problem Reports Affected   : CC0000521 CC0000695 CC0000366

Kit Number   : ZF175   ZF238

--AUTHORIZATION--

Author   : W. HEAVEY   Maintaining Group   : PRO ENH
Submitting Engineer   : H. CZIRIA   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer :
Manufacturing Engineer : JOHN BEIKE   Release Engineer   : S. DUMDEY
Charge Number   : V98 -05460   Coordination Number : MC3679

A

```
Component Part Number : AF-6315D-M1              DIGITAL EQUIPMENT CORPORATION                        PAGE 1 OF 1
                                                 DIAGNOSTIC ENGINEERING PATCH ORDER                    Form : B

Component Part Description : ECO TALLY 04           ECO Purpose : Patch              Approved : Yes
--------------------------------------------------PRODUCT IDENTIFICATION--------------------------------------------------
Diagnostic Package Code : AHLQA-D1                  Patch Level : 1                  Product Date : 27-Jun-80

Description : AHLQAD1 LQP-8 PRINTER DIAG            1ST Copyright year : 1977        Last Copyright Year : 1979

Expanded Description :

-------------------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------------------



----------------------------------------------------PRODUCTS OBSOLETED----------------------------------------------------
----------------------------------------------------PROBLEM/DESCRIPTION----------------------------------------------------
DIAG. PRINTS OUT AHLQAC INSTEAD OF AHLQAD.



----------------------------------------------------SOLUTION/CORRECTION----------------------------------------------------
CHANGE REV C TO A D
INSTALL PATCH BELOW
THIS IS AN UNCONDITIONAL PATCH


------------------------------------------------------DEPO PATCH AREA------------------------------------------------------
  Loc    From       To         Mnemonic                    Loc      From       To         Mnemonic
  6120   0340       0440                                    
  6177   0340       0440


----------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------------------------
Run Time (seconds) 1st Pass :            2nd Pass :        ACT Sequence Number :            Multimedia Affected : Yes

Processors            : 89 90 91 92

Operational Environment : 00 99

Device Affected :   VT78      LQP

Problem Reports Affected :

Kit Number            : ZF008    ZF014    ZF016
--------------------------------------------------------AUTHORIZATION--------------------------------------------------------
Author                  : DAVE ORIN              Maintaining Group       : PRO ENH
Submitting Engineer     : H. CZIRIA              Maintainer              : VROBEL
Product Engineer        :                        Field Service Engineer  :
Manufacturing Engineer  : J. BEIKE               Release Engineer        : S. DUMDEY
Charge Number           : V98-05460              Coordination Number     : MC3725
```

A

Component Part Number : AF-6315E-MO

Component Part Description : ECO TALLY 05 | ECO Purpose : Change | Approved : Yes

--PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : AHLQA-EO | Patch Level : 0 | Product Date : 27-Jun-80

Description : AHLQAEO LQP-8 PRINTER DIAG | 1ST Copyright year : 1977 | Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED------------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6315E-MA		AK-6318E-MA		AH-6317E-MA		AL-6319E-NA	

--PRODUCTS OBSOLETED------------------------------------

--PROBLEM/DESCRIPTION------------------------------------

PRINTS OUT AHLQAC INSTEAD OF AHLQAD

--SOLUTION/CORRECTION------------------------------------

CHANGE TWO LOCATIONS WHICH WILL PRINT OUT THE LATEST
REV WHICH IS E.

--PRODUCT CHARACTERISTICS------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment : 00 99

Device Affected :   VT78   LQP-8

Problem Reports Affected : EE0000333

Kit Number   : ZF008   ZF014   ZF016

--AUTHORIZATION------------------------------------

Author	: DAVE ORIN	Maintaining Group	: PRO ENH
Submitting Engineer	: H. CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. BEIKE	Release Engineer	: S. DUMDEY
Charge Number	: V98-05460	Coordination Number	: MC3726

Component Part Number : AF-6585G-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 09

ECO Purpose : Change

Approved : Yes

---------PRODUCT IDENTIFICATION---------

Diagnostic Package Code : AIRXB-G0

Patch Level : 0

Product Date : 19-May-80

Description : AIRXBG0 RX01/02 PERF EXER

1ST Copyright year : 1975

Last Copyright Year : 1980

Expanded Description :

---------PRODUCT COMPONENTS AFFECTED---------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6585G-MA		AK-6587G-MA		AH-6586G-MA		AL-6588G-NA	

---------PRODUCTS OBSOLETED---------

---------PROBLEM/DESCRIPTION---------

ANY ATTEMPTS TO RESTART DIAGNOSTIC VIA "CTRVG" THEN
'LF' WILL RESULT IN A HUNG LOOP WHEN RUN ON A PDP8A
OR VT78 WITH NO CONSOLE.

---------SOLUTION/CORRECTION---------

ENTERED A NOP SO IF ON A SYSTEM THAT HAS NO CONSOLE
THE CAF WOULD NOT BE BY-PASSED. DCA PASSES SO
COUNTER WILL BE AT ZERO AGAIN.

---------PRODUCT CHARACTERISTICS---------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 92 93 94 95

Operational Environment   : 00 20 99

Device Affected :   RX01   RX02   VT78

Problem Reports Affected : CC0000405

Kit Number   : ZF008   ZF013   ZF220   ZF014   ZF010   ZF016   ZF238   ZF239   ZF240

---------AUTHORIZATION---------

Author   : B. IRRGANG
Submitting Engineer   : H. CZIRIA
Product Engineer   :
Manufacturing Engineer : J. CASELLA
Charge Number   : V98 -05460

Maintaining Group   : PRO ENH
Maintainer   : MISNER
Field Service Engineer :
Release Engineer   : S. DUMDEY
Coordination Number   : MC3691

A

Component Part Number : AF-C672C-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 02

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLE-CO

Patch Level : 0

Product Date : 09-Mar-80

Description : AJRLECO RL8-A/RL01 PERF EXER

1ST Copyright year : 1978

Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C672C-MA		AK-C674C-MA		AH-C673C-MA		AL-C675C-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

THIS DIAGNOSTIC WILL NOT RETURN TO THE MONITOR WHEN
CONTROL C IS TYPED BECAUSE A DATA PATTERN IS WRITTEN
INTO ALL OF FIELD 2 WHERE PART OF THE RL01 AND RX02
DEVICE HANDLER RESIDES.

--SOLUTION/CORRECTION--

DIAGNOSTIC WAS ENHANCED SO IF YOU HAD AN RL01 OR RX02
AS SYSTEM DISK YOU WOULD NOT OVERWRITE FIELD 2 BEYOND
7400 AND YOU WOULD BE ABLE TO RETURN TO THE MONITOR
WHEN A CONTROL C IS TYPED.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 150   2nd Pass : 150   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 99 20

Device Affected :   RL8A   RL01

Problem Reports Affected   : AA0000299

Kit Number   : ZF233   ZF015   ZF239   ZF238   ZF240   ZF017

--AUTHORIZATION--

Author	: D. ORIN	Maintaining Group	: PRO ENH
Submitting Engineer	: H. CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. BEIKE	Release Engineer	: S. DUMDEY
Charge Number	: V98 -05460	Coordination Number	: MC3680

A

Component Part Number : AF-C253D-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 02

ECO Purpose : Change

Approved : Yes

-----PRODUCT IDENTIFICATION-----

Diagnostic Package Code : AXKLB-D0

Patch Level : 0

Product Date : 27-Jun-80

Description : AXKLBD0 DEC/X8 MOD TTYLUP

1ST Copyright year : 1974

Last Copyright Year : 1980

Expanded Description :

-----PRODUCT COMPONENTS AFFECTED-----

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C253D-MA		AK-C255D-MA		AH-C254D-MA			

-----PRODUCTS OBSOLETED-----

-----PROBLEM/DESCRIPTION-----

MULTIPLE KL8'S CUT TO A HIGH BAUD RATE (I.E., 8 KL8'S
AT 9600) INTERRUPT AT A HIGH FREQUENCY RATE. INTERRUPTS
FROM OTHER SOFTWARE MODULES ARE NOT BEING SERVICED AS
FREQUENTLY CAUSING AN UNEQUAL RATE OF DATA TRANSFERS.

-----SOLUTION/CORRECTION-----

SOLUTION IS IN DOCUMENTATION UNDER ATTENTION. AFTER
INITIALIZATION OF MODULE USE CONTROL O TO CHANGE LOC'S
TO INSERT A PRESET COUNTER WHICH ON REACHING ZERO WILL
EXIT TO THE INTERRUPT SERVICE; TO SERVICE THE OTHER
SOFTWARE MODULES MORE FREQUENTLY.

-----PRODUCT CHARACTERISTICS-----

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : DD0000078

Kit Number   : ZF229   ZK229   ZF238

-----AUTHORIZATION-----

Author	: J. VROBEL	Maintaining Group	: PRO ENH
Submitting Engineer	: H. CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. BEIKE	Release Engineer	: S. DUMDEY
Charge Number	: V98 -05460	Coordination Number	: MC3722

A

Component Part Number : AF-F775B-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 01   ECO Purpose : Change   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AILQA-BO   Patch Level : 0   Product Date : 02-Jul-80

Description : AILQABO LQPF DIAGNOSTIC   1ST Copyright year : 1980   Last Copyright Year : 1980

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F775R-MA		AK-F777B-MA		AH-F776B-MA		AL-F778B-NA	

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

SECOND PASS SELF TEST GIVES ERRORS IF ON A VT78
(TIMING PROBLEM).

------SOLUTION/CORRECTION------

AILQAB TO RESOLVE TIMING PROBLEM.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass : 600   2nd Pass : 600   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92 93 94

Operational Environment   : 00 99

Device Affected :   LQPF

Problem Reports Affected   :

Kit Number   : ZF008   ZF014   ZF016

------AUTHORIZATION------

Author	: B. CRAFT	Maintaining Group	: DIAG-MK
Submitting Engineer	: B. CRAFT	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: JOHN BEIKE	Release Engineer	: M. HANSEN
Charge Number	: D40-02312	Coordination Number	: MC3736

A

Component Part Number : AF-S237A-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00

ECO Purpose : New   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AKVTE-AO   Patch Level : 0   Product Date : 02-Jul-80

Description : AKVTEAO WS200 SUPERVISOR PROG   1ST Copyright year : 1980   Last Copyright Year : 1980

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S237A-MA		AK-S236A-MA		AH-S238A-MA		AL-S235A-NA	

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

THIS PROGRAM WILL RESIDE ON FLOPPY AS-E113?-MA
(?=REV) WS200 SERIES DIAGNOSTICS ARE DIFFICULT
TO LOAD AND RUN.

------SOLUTION/CORRECTION------

RELEASE MENU DRIVEN SUPERVISORY PROGRAM TO ASSIST
IN LOADING AND RUNNING WS200 SERIES DIAGNOSTICS.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   :

Operational Environment   : 50 99

Device Affected :   WS200

Problem Reports Affected   :

Kit Number   : ZF016

------AUTHORIZATION------

Author	: B. CRAFT	Maintaining Group	: DIAG-MK
Submitting Engineer	: B. CRAFT	Maintainer	: MISNER
Product Engineer		Field Service Engineer	:
Manufacturing Engineer	: J. BEIKE	Release Engineer	: S. DUMDEY
Charge Number	: D20 -07084	Coordination Number	: MC3737

A

Component Part Number : AF-S241A-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00

ECO Purpose : New

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AKVTF-A0

Patch Level : 0

Product Date : 02-Jul-80

Description : AKVTFA0 32K-128K MOS MEM TST

1ST Copyright year : 1980

Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S241A-MA		AK-S240A-MA		AH-S242A-MA		AL-S239A-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

NO DIAGNOSTIC AVAILABLE FOR PDP8A MEMORIES
GREATER THAN 32K. THIS DIAGNOSTIC WILL RESIDE
ON FLOPPY AS-E113?-MA (?=REV).

--SOLUTION/CORRECTION--

RELEASE DIAGNOSTIC TO TEST MEMORY TO 128K.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 840   2nd Pass : 840   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00 99

Device Affected :   MOS MEM

Problem Reports Affected   :

Kit Number   : ZF016

--AUTHORIZATION--

Author	: B. CRAFT	Maintaining Group	: DIAG-MK
Submitting Engineer	: B. CRAFT	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J. BEIKE	Release Engineer	: S. DUMDEY
Charge Number	: D40 -07084	Coordination Number	: MC3738

Component Part Number : AF-6571Q-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 14   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AIQAC-Q0   Patch Level : 0   Product Date : 14-Jul-80

Description : AIQACQ0 PDP-8 MAINDEC INDEX   1ST Copyright year : 1976   Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6571Q-MA		AH-6572Q-MA					

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

NEW DIAGNOSTIC MEANS INDEX MUST BE UPDATED.

--SOLUTION/CORRECTION--

INDEX UPDATED.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF001   ZF002   ZF003   ZF004   ZF005   ZF006   ZF007   ZF008   ZF009   ZF010
                      ZF011   ZF012   ZF013   ZF014   ZF016

--AUTHORIZATION--

Author	: Release Eng	Maintaining Group	: PRO ENH
Submitting Engineer	: M.HANSEN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: VROBEL	Release Engineer	: MAUREEN HANSEN
Charge Number	: Q98-08815	Coordination Number	: MC3753

A

Component Part Number : AF-6581F-MO

Component Part Description : ECO TALLY 03

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AIRXA-FO

Patch Level : 0

Product Date : 22-Sep-80

Description : AIRXAFO RX01/02 FUNCT TEST

1ST Copyright year : 1975

Last Copyright Year : 1980

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6581F-MA		AK-6583F-MA		AH-6582F-MA		AL-6584F-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

THIS DIAGNOSTIC WAS NOT UPWARD COMPATIBLE WITH NEW
PRODUCTS.

--SOLUTION/CORRECTION--

THE DIAGNOSTIC WAS REDESIGNED TO SUPPORT NEW
PRODUCTS AND CORRECT DEFICIENCIES. OUTSTANDING
DEPO'S WERE INCORPORATED.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 600   2nd Pass : 600   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 93 94 95 92

Operational Environment   : 00 02 99

Device Affected :   RX01   RX02   RX8E

Problem Reports Affected   :

Kit Number   : ZF008   ZF010   ZF220   ZF014   ZF016   ZF238   ZF239   ZF240

--AUTHORIZATION--

Author	: J. PITTMAN	Maintaining Group	: SSDE
Submitting Engineer	: J. PITTMAN	Maintainer	: MISNER
Product Engineer	: D. CASALETTO	Field Service Engineer	:
Manufacturing Engineer	: WAIVERED	Release Engineer	: S. DUMDEY
Charge Number	: E72 -02316	Coordination Number	: MC3795

A

Component Part Number : AF-S298A-A0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00

ECO Purpose : New

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJADC-A0

Patch Level : 0

Product Date : 21-Jul-80

Description : AJADCA0 AD8-A DIAG WRPARD TST

1ST Copyright year : 1980

Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S298A-AA		AK-S299A-AA		AL-S300A-NA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

DIAGNOSTICS WAS NEVER RELEASE SINCE IT'S
CREATION IN 1975

---SOLUTION/CORRECTION---

ORIGINAL RELEASE OF DIAGNOSTIC

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : •No

Processors   : 88

Operational Environment   :

Device Affected :   PDP8   AD8A

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: VERA BREUER	Maintaining Group	: DIAG-MK
Submitting Engineer	: GEORGE STEVENS	Maintainer	: MISNER
Product Engineer	:	Fiel Service Engineer	:
Manufacturing Engineer	: J.BEIKE10/01/80	Release Engineer	: S.DUMDEV
Charge Number	: V063-07976	Coordination Number	: MC3763

A

Component Part Number : AF-6571R-M0

Component Part Description : ECO TALLY

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AIQAC-R0

Patch Level : 0

Product Date : 12-Nov-80

Description : AIQACR0 PDP-8 MAINDEC INDEX

1ST Copyright year : 1976

Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6571R-MA		AH-6572R-MA					

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

INDEX REQUIRES UPDATING TO REFLECT JAN 1981 RELEASE

--SOLUTION/CORRECTION--

UPDATE AND RELEASE INDEX

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment :

Device Affected :

Problem Reports Affected :

Kit Number   : ZF001   ZF002   ZF003   ZF004   ZF005   ZF006   ZF007   ZF008   ZF009   ZF010
                ZF011   ZF012   ZF013   ZF014   ZF016

--AUTHORIZATION--

Author	: MK-DIAG	Maintaining Group	: DIAG-MK
Submitting Engineer	: T.DAVIES	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: D020-05463	Coordination Number	: MC3890

A

Component Part Number : AF-C276E-M2

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING PATCH ORDER

Component Part Description : ECO TALLY 05   ECO Purpose : Patch   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AXQAB-E2   Patch Level : 2   Product Date : 28-Sep-80

Description : AXQABE2 DEC/X8 USERS GUIDE   1ST Copyright year : 1972   Last Copyright Year : 1978

Expanded Description :

--PRODUCT COMPONENTS AFFECTED---

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION--
DEC/X8 MONITOR HANGS ON JOB SCATTER ROUTINE
RANDOM GENERATOR LOCKS-UP ON A RAMDON NUMBER
OF ZERO

---SOLUTION/CORRECTION--
INSTALL CONDITIONAL PATCH TO CORRECT PROBLEM

---DEPO PATCH AREA---

Loc	From	To	Mnemonic	Loc	From	To	Mnemonic
32637	5220	5227					

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *Yes

Processors   : 12 88 89 90 91 92 93 94

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   : HH0000861

Kit Number   : ZF229   ZF014   ZK229
---AUTHORIZATION--
Author   : Don Rice   Maintaining Group   : DIAG-MK
Submitting Engineer   H.CZIRIA   Maintainer   : MISNER
Product Engineer   Field Service Engineer   :
Manufacturing Engineer   : J.BEIKE12/17/80   Release Engineer   : T.DAVIES
Charge Number   : V098-05460   Coordination Number   : MC3877

A

Component Part Number : AF-C276F-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXQAB-F0   Patch Level : 0   Product Date : 30-Sep-80

Description : AXQABF0 DEC/X8 USERS GUIDE   1ST Copyright year : 1972   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C276F-MA		AK-C278F-MA		AH-C277F-MA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

DEC/X8 MONITOR HANGS ON JOB SCATTER ROUTINE -
LOCKSUP ON A RANDOM NUMBER OF ZERO.

---SOLUTION/CORRECTION---

INSTALL A RANDOM NUMBER GENERATOR ROUTINE
THAT PREVENTS THE JOB SCATTER ROUTINE FROM LOCKING
UP BY INHIBITING A RANDOM NUMBER OF ZERO.
INCORPORTED OTHER OUTSTANDING PATCHES.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 12 88 89 90 91 92 93 94

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : HH0000861

Kit Number   : ZF229   ZF014   ZK229

---AUTHORIZATION---

Author	: Don Rice	Maintaining Group	: DIAG-MK
Submitting Engineer	: H.CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J.BEIKE12/17/80	Release Engineer	: T.DAVIES
Charge Number	: V098-05460	Coordination Number	: MC3878

A

Component Part Number : AF-C282F-A0

Component Part Description : ECO TALLY   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXQAD-F0   Patch Level : 0   Product Date : 28-Sep-80

Description : AXQADFO DEC/X8 DETAILED DESC   1ST Copyright year : 1972   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C282F-AA							

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

DEC/X8 MONITOR HANGS ON JOB SCATTER ROUTINE -
LOCKS-UP ON A RANDOM NUMBER OF ZERO.

---SOLUTION/CORRECTION---

TO INCORPORATE ALL OUTSTANDING PATCHES SO DOCUMENTATION
WILL REFLECT THE CHANGES WITHIN THE PROGRAM.
INSTALL A RANDOM NUMBERS GENERATOR ROUTINE THAT PREVENTS
THE JOB SCATTER ROUTINE FROM LOCKING UP BY INHIBITING
A RANDOM NUMBER OF ZERO.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 12 89 90 91 92 93 94 88

Operational Environment : 50

Device Affected :   DEC/X8

Problem Reports Affected : HH0000861

Kit Number   :

---AUTHORIZATION---

Author	: Don Rice	Maintaining Group	: DIAG-MK
Submitting Engineer	: H.CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J.BEIKE12/17/80	Release Engineer	: T.DAVIES
Charge Number	: V098-05460	Coordination Number	: MC3880

A

Component Part Number : AF-C290P-M0

Component Part Description : ECO TALLY

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXQAF-P0   Patch Level : 0   Product Date : 28-Sep-80

Description : AXQAFP0 DEC/X8 SW MOD IND   1ST Copyright year : 1973   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C290P-MA		AH-C292P-MA					

---PRODUCTS OBSOLETED--

---PROBLEM/DESCRIPTION--

INDEX NEEDS UPDATING

---SOLUTION/CORRECTION--

DOCUMENT UPDATED TO REFLECT DEC/X8 MODULE CHANGES.

---PRODUCT CHARACTERISTICS---------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   :

Device Affected :   DEC/X8

Problem Reports Affected   : HH0000861

Kit Number   : ZF229   ZK229

---AUTHORIZATION---

Author	: H.CZIRIA	Maintainer Code	: DIAG-MK
Submitting Engineer	: H.CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J.BEIKE11/18/80	Release Engineer	: TDAVIES
Charge Number	: V098-05460	Coordination Number	: MC3881

A

Component Part Number : AF-C612C-A0

Component Part Description : ECO TALLY   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AXQQB-C0   Patch Level : 0   Product Date : 30-Sep-80

Description : AXQQBC0 APT-8 SYS DEC/X8   1ST Copyright year : 1975   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AK-C613C-AA		AC-C612C-AA		AL-C614C-NA			

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

DEC/X8 MONITOR HANGS ON JOB SCATTER ROUTINE - LOCKSUP
ON A RANDOM NUMBER OF ZERO

---SOLUTION/CORRECTION---

TO INCORPORATE ALL OUTSTANDING PATCHES SO DOCUMENATATION
AND PROGRAM WILL REFLECT THE CHANGES WITHIN THE PROGRAM.
INSTALLED A RANDOM NUMBERS GENERATOR ROUTINE THAT PREVENTS
THE JOB SCATTER ROUTINE FROM LOCKING-UP BY INHIBITING A
RANDOM NUMBER OF ZERO.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : No

Processors   : 12 88 89 90 91 92

Operational Environment   : 99

Device Affected :   DEC/X8

Problem Reports Affected   : HH0000861

Kit Number   :

---AUTHORIZATION--

Author	: Don Rice	Maintaining Group	: DIAG-MK
Submitting Engineer	: H.CZIRIA	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J.BEIKE12/17/80	Release Engineer	: T.DAVIES
Charge Number	: V098-05460	Coordination Number	: MC3879

A

Component Part Number : AF-S464A-M0

Component Part Description : ECO TALLY 00

ECO Purpose : New

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AXKAE-A0

Patch Level : 0

Product Date : 05-Oct-80

Description : AXKAEA0 DEC/X8 MOD MEMORY

1ST Copyright year : 1980

Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S464A-MA		AK-S465A-MA		AH-S466A-MA			

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION--

ORIGINAL RELEASE OF PROGRAM

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 93 89 88 94 92 12

Operational Environment   : 50

Device Affected :   DEC/X8

Problem Reports Affected   :

Kit Number   : ZF229   ZF238

--AUTHORIZATION--

Author	: BRUCE THOMPSON	Maintaining Group	: DIAG-MK
Submitting Engineer	: BRUCE THOMPSON	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J.BEIKE12/17/80	Release Engineer	: T.DAIVES
Charge Number	: D040-03428	Coordination Number	: MC3917

A

Component Part Number : AF-A821C-MA

Component Part Description : ECO TALLY 03　　　　　ECO Purpose : Change　　　　　Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AKVTA-CO　　　　　Patch Level : 0　　　　　Product Date : 17-Nov-80

Description : AKVTACO VT278/VT78 MOS MEMORY　　　　1ST Copyright year : 1977　　　Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-A821C-MA		AK-A822C-MA		AH-A823C-MA		AL-S133C-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION--

VT278 ENHANCEMENTS REQUIRED

---SOLUTION/CORRECTION--

MODIFIED EXISTING MEMORY TESTS TO RUN IN 16K
CHUNKS ON A VT278

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 30　　　　　2nd Pass : 30　　　ACT Sequence Number :　　　　　Multimedia Affected : Yes,

Processors　　　　　　　　　　: 92

Operational Environment　　: 00 20 99

Device Affected :　VT78　　　VT278

Problem Reports Affected　　:

Kit Number　　　　　　　　　: ZF014

---AUTHORIZATION--

Author	: M.LETENDR	Maintaining Group	: DIAG-MK
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: C.CLINE 12/02/80
Manufacturing Engineer	: DAVILLI 12/03/80	Release Engineer	: T.DAVIES
Charge Number	: E072-02316	Coordination Number	: MC3885

A

Component Part Number : AF-S410A-MO

Component Part Description : ECO TALLY 00   ECO Purpose : New   Approved : Yes

-----PRODUCT IDENTIFICATION-----

Diagnostic Package Code : ALDPA-A0   Patch Level : 0   Product Date : 17-Dec-80

Description : ALDPAA0 DP278 FUNC TST   1ST Copyright year : 1981   Last Copyright Year : 1981

Expanded Description :

-----PRODUCT COMPONENTS AFFECTED-----

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S410A-MA		AK-S411A-MA		AH-S412A-MA		AL-S413A-NA	

-----PRODUCTS OBSOLETED-----

-----PROBLEM/DESCRIPTION-----

ORIGINAL RELEASE OF PROGRAM

-----SOLUTION/CORRECTION-----

-----PRODUCT CHARACTERISTICS-----

Run Time (seconds) 1st Pass : 4   2nd Pass : 4   ACT Sequence Number :   Multimedia Affected : *No

Processors   : 92

Operational Environment   : 00 20 99

Device Affected :   VT278   VT78

Problem Reports Affected   :

Kit Number   : ZF243

-----AUTHORIZATION-----

Author   : D.RICE   Maintaining Group   : DIAG-MK
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer : C.CLINE12/02/80
Manufacturing Engineer : DAVILLI12/03/80   Release Engineer   : T.DAVIES
Charge Number   : E072-02316   Coordination Number   : MC3887

A

Component Part Number : AF-S418A-A0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00

ECO Purpose : New

Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : ALVTB-A0

Patch Level : 0

Product Date : 17-Nov-80

Description : ALVTBA0 278 CNTRL PANEL ROM

1ST Copyright year : 1981

Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S418A-AA		AL-S421A-NA					

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

ORIGINAL RELEASE OF PROGRAM

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   : 92

Operational Environment   : 00 20 99

Device Affected :   VT278   VT78

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---

Author	: D.RICE	Maintaining Group	: DIAG-MK
Submitting Engineer	: D.RICE	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: C.CLINE12/02/80
Manufacturing Engineer	: DAVILLI12/03/80	Release Engineer	: T.DAVIES
Charge Number	: E072-02316	Coordination Number	: MC3888

A

Component Part Number : AF-S422A-A0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00   ECO Purpose : New   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : ALVTC-A0   Patch Level : 0   Product Date : 17-Nov-80

Description : ALVTCA0 278 FOREIGN CHAR ROM   1ST Copyright year : 1981   Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S422A-AA		AL-S425A-NA					

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---
ORIGINAL RELEASE OF PROGRAM

---SOLUTION/CORRECTION---

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   : 00 20 99

Device Affected :

Problem Reports Affected   :

Kit Number   :

---AUTHORIZATION---
Author   : D.RICE   Maintaining Group   : DIAG-MK
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   : C.CLINE12/02/80
Manufacturing Engineer : DAVILLI12/03/80   Release Engineer   : T.DAVIES
Charge Number   : ECO72-02316   Coordination Number   : MC3889

A

Component Part Number : AF-F952C-MC

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 02   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AKVTC-CO   Patch Level : 0   Product Date : 01-Dec-80

Description : AKVTCCO WS78 AUTOMATIC TEST   1ST Copyright year : 1980   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AS-F952C-MA		AS-F953C-NA					

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

TEST FAILS IF A LA180 PRINTER IS ATTACHED
TO THE SYSTEM

---SOLUTION/CORRECTION---

REVISE TEST TO HANDLE EITHER A
LA180 PRINTER OR A LQP PRINTER AT
THE PARALLEL PORT.
REVISE KEYBOARD TEST TO HANDLE 7 OR 8
BIT ASCII

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 1200   2nd Pass : 3600   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   : 00 99

Device Affected :   WS78

Problem Reports Affected   :

Kit Number   : ZF242

---AUTHORIZATION---

Author	: BILL CRAFT	Maintaining Group	: DIAG-MK
Submitting Engineer	: BILL CRAFT	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: J.BEIKE	Release Engineer	: T.DAVIES
Charge Number	: D20 -07921	Coordination Number	: MC3915

A

Component Part Number : AF-S064C-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 02   ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--
Diagnostic Package Code : AKVTD-CO   Patch Level : 0   Product Date : 27-Nov-80

Description : AKVTDCO LQP PRINT QUALITY TST   1ST Copyright year : 1980   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AS-S064C-MA		AS-S065C-NA					

--PRODUCTS OBSOLETED--
--PROBLEM/DESCRIPTION---
FIELD SERVICE REQUIRED PRINT QUALITY TEST FOR
ENTIRE PDP-8 FAMILY. TEST CURRENTLY
SUPPORTS ONLY WS78

--SOLUTION/CORRECTION---
UPDATE PRINT TEST TO SUPPORT PDP-8 FAMILY

--PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass : 180   2nd Pass : 180   ACT Sequence Number :   Multimedia Affected : *No

Processors   : 88 89 90 91 92 93 94

Operational Environment   : 00 99

Device Affected :   LQP78

Problem Reports Affected   :

Kit Number   : ZF242

--AUTHORIZATION---
Author   : ED BADGER   Maintaining Group   : DIAG-MK
Submitting Engineer   : G.SANDY   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   : J.BEIKE   Release Engineer   : T.DAVIES
Charge Number   : D40 -07921   Coordination Number   : MC3916

A

Component Part Number : AF-6581G-MO

Component Part Description : ECO TALLY 4

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Form : B

ECO Purpose : Change

Approved : Yes

---PRODUCT IDENTIFICATION-------------------------------------

Diagnostic Package Code : AIRXA-G0

Patch Level : 0

Product Date : 01-Jun-81

Description : AIRXAG0 RX01/RX02 FUNC TST

1ST Copyright year : 1975

Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED----------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6581G-MA		AK-6583G-MA		AH-6582G-MA		AL-6584G-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

AIRXA REQUIRES SUPPORT OF 278

---SOLUTION/CORRECTION---

UPDATE AND RELEASE NEW VERSION OF AIRXA

---PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 600   2nd Pass : 600   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 93 94 95 92

Operational Environment : 00 02 99

Device Affected :   RX01   RX02   RX8E

Problem Reports Affected :

Kit Number   : ZF008   ZF010   ZF220   ZF014   ZF016   ZF238   ZF239   ZF240   ZF243

---AUTHORIZATION--

Author	: J. PITTMAN	Maintaining Group	: DIAG-MK
Submitting Engineer	: J. PITTMAN	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: F.RAFFA02/20/81
Manufacturing Engineer	: DAVILLI03/04/81	Release Engineer	: T.DAVIES
Charge Number	: E72 -02316	Coordination Number	: MC4031

A

Component Part Number : AF-6586H-MO

Component Part Description : ECO TALLY 10

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AIRXB-HO

Patch Level : 0

Product Date : 01-Jun-81

Description : AIRXBHO RX01/02 PERF EXER

1ST Copyright year : 1975

Last Copyright Year : 1981

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6585H-MA		AK-6587H-MA		AH-6586H-MA		AL-6588H-NA	

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

AIRXB REQUIRES SUPPORT OF 278

------SOLUTION/CORRECTION------

UPDATE AND RELEASE NEW VERSION OF AIRXB

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88 89 90 91 92 93 94 95

Operational Environment   : 00 02 99

Device Affected :   RX01   RX02   VT78

Problem Reports Affected   :

Kit Number   : ZF008   ZF013   ZF220   ZF014   ZF010   ZF016   ZF238   ZF239   ZF240   ZF243

------AUTHORIZATION------

Author	: J.PITTMAN	Maintaining Group	: DIAG-MK
Submitting Engineer	: PITTMAN02/20/81	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	: F.FAFFA02/20/81
Manufacturing Engineer	: DAVILLI03/04/81	Release Engineer	: T.DAVIES
Charge Number	: E072-02316	Coordination Number	: MC4032

A

Component Part Number : AF-6261B-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 02   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AHKAG-BO   Patch Level : 0   Product Date : 01-Jun-81

Description : AHKAGBO PDP8/E INSTR TST 2   1ST Copyright year : 1971   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6261B-MA		AK-6263B-MA		AH-6262B-MA		AL-6264B-NA	

--PRODUCTS OBSOLETED---

--PROBLEM/DESCRIPTION--
WRONG PROGRAM RELEASED FOR CORRECT CODES AND LABELS

--SOLUTION/CORRECTION--
RELEASE CORRECT PROGRAM

--PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 88

Operational Environment   : 00 40

Device Affected :   PDP8

Problem Reports Affected   :

Kit Number   : ZF002   ZF016   ZF238

--AUTHORIZATION---
Author   : D MACOMBER   Maintaining Group   : DIAG-MK
Submitting Engineer   : T.DAVIES   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   :
Manufacturing Engineer   : J.BEIKE03/13/81   Release Engineer   : T.DAVIES
Charge Number   : D082-06029   Coordination Number   : MC4042

A

Component Part Number : AF-6571S-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY

ECO Purpose : Change   Approved : Yes

----------PRODUCT IDENTIFICATION----------

Diagnostic Package Code : AIQAC-S0   Patch Level : 0   Product Date : 01-Jun-81

Description : AIQACS0 PDP-8 MAINDEC INDEX   1ST Copyright year : 1976   Last Copyright Year : 1981

Expanded Description :

----------PRODUCT COMPONENTS AFFECTED----------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6571S-MA		AH-6572S-MA					

----------PRODUCTS OBSOLETED----------

----------PROBLEM/DESCRIPTION----------

NEW RELEASE CYCLE REQUIRES UPDATING THE INDEX

----------SOLUTION/CORRECTION----------

UPDATE AND RELEASE THE INDEX

----------PRODUCT CHARACTERISTICS----------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF001   ZF002   ZF003   ZF004   ZF005   ZF006   ZF007   ZF008   ZF009   ZF010
                       ZF011   ZF012   ZF013   ZF014   ZF016

----------AUTHORIZATION----------

Author	: MK-DIAG	Maintaining Group	: DIAG-MK
Submitting Engineer	: T.DAVIES	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: D020-05463	Coordination Number	: MC4041

A

Component Part Number : AF-F952D-MO

Component Part Description : ECO TALLY 03

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AKVTC-DO   Patch Level : 0   Product Date : 01-Jun-81

Description : AKVTCDO WS78 AUTOMATIC TEST   1ST Copyright year : 1980   Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AS-F952D-MA		AS-F953D-NA					

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

THE WS78 AUTOTEST (AKVTCCO) FAILS THE RX PORTION. THE
TEST ALWAYS FAILS WHILE RUNNING ON RX02'S SWITCHED IN
RX02 MODE.

--SOLUTION/CORRECTION--

UPDATE AND RELEASE NEW VERSION OF WS78 AUTOTEST (AKVTCDO)

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 1200   2nd Pass : 3600   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   : 00 99

Device Affected :   WS78

Problem Reports Affected   :

Kit Number   : 7F242

--AUTHORIZATION--

Author	: BILL CRAFT	Maintaining Group	: DIAG-MK
Submitting Engineer	: BILL CRAFT	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: BEIKE03/18/81	Release Engineer	: T.DAVIES
Charge Number	: D20 -07921	Coordination Number	: MC4043

Component Part Number : AF-F952E-MO

Component Part Description : ECO TALLY 04   ECO Purpose : Change   Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AKVTC-E0   Patch Level : 0   Product Date : 01-Jun-81

Description : AKVTCE0 WS78 AUTOMATIC TEST   1ST Copyright year : 1980   Last Copyright Year : 1981

Expanded Description :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AF-F952E-MA		AS-F953E-NA					

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

THE WS78 (AKVTCB0, AKVTCC0) BOTH FAIL THE RX PORTION. THE
TEST ALWAYS FILES WHILE RUNNING ON RX02'S SWITCHED IN
RX02 MODE. (AKVTCD0) WAS PRODUCED FOR QUICK PRE-RELEASE
THIS VERSION (AKVTCE0) IS RELEASED THRU THE NORMAL PATH.

------SOLUTION/CORRECTION------

SUBMIT AND RELEASE AKVTCE0 WS78 AUTOMATIC TEST

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass : 1200   2nd Pass : 3600   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   : 00 99

Device Affected :   WS78

Problem Reports Affected   :

Kit Number   : ZF242

------AUTHORIZATION------

Author	: BILL CRAFT	Maintaining Group	: DIAG-MK
Submitting Engineer	: BILL CRAFT	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	: BEIKE03/18/81	Release Engineer	: T.DAVIES
Charge Number	: D20 -07921	Coordination Number	: MC4081

A

Component Part Number : AF-C656D-MO

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 4   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AJRLA-DC   Patch Level : 0   Product Date : 07-Jul-81

Description : AJRLADO RL8-A DSKLS CTR.R   1ST Copyright year : 1978   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C656D-MA		AK-C658D-MA		AH-C657D-MA		AL-C659D-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Diagnostic would not run correctly on a VT278,
due to Instruction Set and architectural differences.

---SOLUTION/CORRECTION---

Modified Diagnostic to recognize Instruction Set
and the architectural differences.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 5   2nd Pass : 90   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A   RL02   RL01   RL278

Problem Reports Affected   :

Kit Number   : ZF241   ZF233   ZF016   ZF017   ZF238   ZF239   ZF240

---AUTHORIZATION---

Author	: HANK POULTER	Maintaining Group	: MK-DIAG
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	: S.CARPENTER	Field Service Engineer	: A.TSHUDY6/29/81
Manufacturing Engineer	: A.WALKER6/29/81	Release Engineer	: T.DAVIES
Charge Number	: E720- 6002	Coordination Number	: MC4232

A

Component Part Number : AF-C660D-MO

Component Part Description : ECO TALLY 4

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION----------------------------

Diagnostic Package Code : AJRLB-DO   Patch Level : 0   Product Date : 07-Jul-81

Description : AJRLBDO RL8-A/RLO1 DR PT1   1ST Copyright year : 1978   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED----------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C660D-MA		AK-C662D-MA		AH-C661D-MA		AL-C663D-NA	

---PRODUCTS OBSOLETED-------------------------------------

---PROBLEM/DESCRIPTION-------------------------------------

Diagnostic would not run correctly on a VT278,
due to Instruction Set and architectural differences.

---SOLUTION/CORRECTION-------------------------------------

Modified Diagnostic to recognize Instruction Set
and architectural differences.

---PRODUCT CHARACTERISTICS-------------------------------------

Run Time (seconds) 1st Pass : 150   2nd Pass : 150   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment : 00 20 99

Device Affected :   RL8A   RLO1   RL278

Problem Reports Affected : CC0000908

Kit Number   : ZF233   ZF238   ZF016   ZF239   ZF240   ZF017

---AUTHORIZATION-------------------------------------

Author	: J. RICH	Maintaining Group	: MK-DIAG
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	: S.CARPENTER	Field Service Engineer	: A.TSHUDY6/29/81
Manufacturing Engineer	: A.WALKER6/29/81	Release Engineer	: T.DAVIES
Charge Number	: E720- 6002	Coordination Number	: MC4233

A

Component Part Number : AF-C664B-MO

Component Part Description : ECO TALLY 2

ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLC-BO   Patch Level : 0   Product Date : 07-Jul-81

Description : AJRLCBO RL8-A/RL01 DR PT2   1ST Copyright year : 1978   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C664B-MA		AK-C666B-MA		AH-C665B-MA		AL-C667B-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Diagnostic would not run correctly on a VT278,
due to Instruction Set and architectural differences.

---SOLUTION/CORRECTION---

Modified Diagnostic to recognize Instruction Set
and architectural differences.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 60   2nd Pass : 300   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A   RL01   RL278

Problem Reports Affected   :

Kit Number   : ZF233   ZF016   ZF017   ZF238   ZF239   ZF240

---AUTHORIZATION---

Author	: J. Rich	Maintaining Group	: MK-DIAG
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	: S.CARPENTER	Field Service Engineer	: A.TSHUDY6/29/81
Manufacturing Engineer	: A.WALKER6/29/81	Release Engineer	: T.DAVIES
Charge Number	: E720- 6002	Coordination Number	: MC4234

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A
                                              DIGITAL EQUIPMENT CORPORATION                         PAGE 1 OF 1
Component Part Number : AF-C668B-MO           DIAGNOSTIC ENGINEERING CHANGE ORDER                   Form : B

Component Part Description : ECO TALLY 2          ECO Purpose : Change                 Approved : Yes
-------------------------------------------------PRODUCT IDENTIFICATION---------------------------------------
Diagnostic Package Code : AJRLD-BO                Patch Level : 0                       Product Date : 07-Jul-81

Description : AJRLDBO RL-8/RL01 DR CPT VFY    .   1ST Copyright year : 1978            Last Copyright Year : 1981

Expanded Description :

---------------------------------------------PRODUCT COMPONENTS AFFECTED-------------------------------------
  Component      Media           Component       Media          Component       Media          Component      Media
  Part Number    Variable        Part Number     Variable       Part Number     Variable       Part Number    Variable
  AC-C668B-MA                     AK-C670B-MA                    AH-C669B-MA                     AL-C671B-NA




-----------------------------------------------------PRODUCTS OBSOLETED---------------------------------------
-----------------------------------------------------PROBLEM/DESCRIPTION--------------------------------------
Diagnostic would not run correctly on a VT278,
due to Instruction Set and architectural differences



-----------------------------------------------------SOLUTION/CORRECTION--------------------------------------
Modified Diagnostic to recognize Instruction Set
and architectural differences.



-----------------------------------------------------PRODUCT CHARACTERISTICS----------------------------------
Run Time (seconds) 1st Pass :              2nd Pass :       ACT Sequence Number :            Multimedia Affected : Yes

Processors              : 89 90 91 92

Operational Environment : 00 99 20

Device Affected :   RL8A      RL278

Problem Reports Affected : CC0001092 HH0000872

Kit Number              : ZF233    ZF238    ZF016    ZF017    ZF240    ZF239
-----------------------------------------------------AUTHORIZATION-------------------------------------------
Author                  : D.ORIN                    Maintaining Group       : MK-DIAG
Submitting Engineer     : M.LETENDRE                Maintainer              : MISNER
Product Engineer        : S.CARPENTER               Field Service Engineer  : A.TSHUDY6/29/81
Manufacturing Engineer  : A.WALKER6/29/81           Release Engineer        : T.DAVIES
Charge Number           : E720- 6002                Coordination Number     : MC4235
```

A

Component Part Number : AF-C672D-M0

Component Part Description : ECO TALLY 4

ECO Purpose : Change

Approved : Yes

------PRODUCT IDENTIFICATION------

Diagnostic Package Code : AJRLE-D0

Patch Level : 0

Product Date : 07-Jul-81

Description : AJRLED0 RL8-A/RL01 PERF EXER

1ST Copyright year : 1978

Last Copyright Year : 1981

Expanded Description· :

------PRODUCT COMPONENTS AFFECTED------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C672D-MA		AK-C674D-MA		AH-C673D-MA		AL-C675D-NA	

------PRODUCTS OBSOLETED------

------PROBLEM/DESCRIPTION------

Diagnostic would not correctly run on a VT278,
due to Instruction Set and architectural differences.

------SOLUTION/CORRECTION------

Modified Diagnostic to recognize Instruction Set
and architectural differences.

------PRODUCT CHARACTERISTICS------

Run Time (seconds) 1st Pass : 150   2nd Pass : 150   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 99 20

Device Affected :   RL8A   RL01   RL278

Problem Reports Affected   : CC0000986

Kit Number   : ZF233   ZF239   ZF238   ZF240   ZF017

------AUTHORIZATION------

Author	: D. ORIN	Maintaining Group	: DIAG-MK
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	: S.CARPENTER	Field Service Engineer	: A.TSHUDY6/29/81
Manufacturing Engineer	: A.WALKER6/29/81	Release Engineer	: T.DAVIES
Charge Number	: E720- 6002	Coordination Number	: MC4236

A

Component Part Number : AF-C682B-MO

Component Part Description : ECO TALLY 2

ECO Purpose : Change   Approved :

------------------------------------PRODUCT IDENTIFICATION------------------------------------

Diagnostic Package Code : AJRLG-BO   Patch Level : 0   Product Date : 07-Jul-81

Description : AJRLGBO RL8-A/RL01 PCK VFYR   1ST Copyright year : 1978   Last Copyright Year : 1981

Expanded Description :

------------------------------------PRODUCT COMPONENTS AFFECTED------------------------------------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-C682B-MA		AK-C684B-MA		AH-C683B-MA		AL-C685B-NA	

------------------------------------PRODUCTS OBSOLETED------------------------------------
------------------------------------PROBLEM/DESCRIPTION------------------------------------

Diagnostic would not run correctly on a Vt278,
due to Instruction Set and architectural differences.

------------------------------------SOLUTION/CORRECTION------------------------------------

Modified Diagnostic to recognize Instruction Set
and architectural differences.

------------------------------------PRODUCT CHARACTERISTICS------------------------------------

Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A   RL01   RL278

Problem Reports Affected   : CC0001091

Kit Number   : ZF233   38   ZF017   ZF239   ZF240

------------------------------------AUTHORIZATION------------------------------------

Author	: Jack Rich	Maintaining Group	: DIAG-MK
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	: S.CARPENTER	Field Service Engineer	: A.TSHUDY6/29/81
Manufacturing Engineer	: A.WALKER6/29/81	Release Engineer	: DAVIES
Charge Number	: E720-6002	Coordination Number	: 237

A

Component Part Number : AF-F362B-MO

Component Part Description : ECO TALLY 2

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

PAGE 1 OF 1
Form : B

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AJRLH-BO   Patch Level : 0   Product Date : 07-Jul-81

Description : AJRLHBO RL8/RLO2 DR PT1   1ST Copyright year : 1979   Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F362B-MA		AK-F363B-MA		AH-F364B-MA		AL-F365B-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

Diagnostic would not run correctly on a VT278,
due to Instruction Set and architectural differences.

--SOLUTION/CORRECTION--

Modified Diagnostic to recognize Instruction Set
and architectural differences.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 390   2nd Pass : 390   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A   RLO2   RL278

Problem Reports Affected   :

Kit Number   : ZF241   ZF016   ZF017

--AUTHORIZATION--

Author	: HANK POULTER	Maintaining Group	: DIAG-MK
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	: S.CARPENTER	Field Service Engineer	: A.TSHUDY6/29/81
Manufacturing Engineer	: A.WALKER6/29/81	Release Engineer	: T.DAVIES
Charge Number	: E720- 6002	Coordination Number	: MC4238

A

Component Part Numb   : AF-F368B-M0

Component Part Descr tion : ECO TALLY 2

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AJRLI-B0   Patch Level : 0   Product Date : 07-Jul-81

Description : AJRLIB0 RL8/RL02 DR PT2   1ST Copyright year : 1979   Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F366B-MA		AK-F367B-MA		AH-F368B-MA		AL-F369B-NA	

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION--
Diagnostic would not run correctly on a VT278,
due to Instruction Set and architectural differences.

---SOLUTION/CORRECTION--
Modified Diagnostic to recognize Instruction Set
and architectural differences

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass : 120   2nd Pass : 300   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A   RL02   RL278

Problem Reports Affected   :

Kit Number   : ZF241   ZF016   ZF017

---AUTHORIZATION--
Author	: HANK POULTER	Maintaining Group	: DIAG-MK
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	: S.CARPENTER	Field Service Engineer	: A.TSHUDY6/29/81
Manufacturing Engineer	: A.WALKER6/29/81	Release Engineer	: T.DAVIES
Charge Number	: E720- 6002	Coordination Number	: MC4239

A

Component Part Number : AF-F370B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 2   ECO Purpose : Change   Approved : Yes

---PRODUCT IDENTIFICATION---

Diagnostic Package Code : AJRLJ-B0   Patch Level : 0   Product Date : 07-Jul-81

Description : AJRLJB0 RL8/RL02 DRV CPT   1ST Copyright year : 1979   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F370B-MA		AK-F371B-MA		AH-F372B-MA		AL-F373B-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION---

Diagnostic would not run correctly on a VT278
due to Instruction Set and architectural differences.

---SOLUTION/CORRECTION---

Modified Diagnostic to recognize Instruction Set
and architectural differences.

---PRODUCT CHARACTERISTICS---

Run Time (seconds) 1st Pass : 300   2nd Pass : 300   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A   RL02   RL278

Problem Reports Affected :

Kit Number   : ZF241   ZF016   ZF017

---AUTHORIZATION---

Author	: HANK POULTER	Maintaining Group	: DIAG-MK
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	: S.CARPENTER	Field Service Engineer	: A.TSHUDY6/29/81
Manufacturing Engineer	: A.WALKER6/29/81	Release Engineer	: T.DAVIES
Charge Number	: E720-6002	Coordination Number	: MC4240

A

Component Part Number : AF-F374B-MO

Component Part Description : ECO TALLY 2

Diagnostic Package Code : AJRLK-BO

Description : AJRLKBO RL8/RLO2 PERF EXER

Expanded Description :

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

ECO Purpose : Change
----------PRODUCT IDENTIFICATION----------
Patch Level : 0

1ST Copyright year : 1979

Approved : Yes

Product Date : 07-Jul-81

Last Copyright Year : 1981

----------PRODUCT COMPONENTS AFFECTED----------

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F374B-MA		AK-F375B-MA		AH-F376B-MA		AL-F377B-NA	

----------PRODUCTS OBSOLETED----------

----------PROBLEM/DESCRIPTION----------

Diagnostic would not run correctly on a Vt278,
due the instruction set and architectural differences.

----------SOLUTION/CORRECTION----------

Modified Diagnostic to recognize instruction set and
the architectural differences.

----------PRODUCT CHARACTERISTICS----------

Run Time (seconds) 1st Pass : 300   2nd Pass : 32767   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment : 00 20 99

Device Affected :   RL8A   RLO2   RL278

Problem Reports Affected :

Kit Number   : ZF241   ZFO16   ZFO17

----------AUTHORIZATION----------

Author   : HANK POULTER   Maintaining Group   : DIAG-MK
Submitting Engineer   : M.LETENDRE   Maintainer   : MISNER
Product Engineer   : S.CARPENTER   Field Service Engineer   : A.TSHUDY6/29/81
Manufacturing Engineer : A.WALKER6/29/81   Release Engineer   : T.DAVIES
Charge Number   : E720-6002   Coordination Number   : MC4241

A

Component Part Number : AF-F378B-MO

Component Part Description : ECO TALLY 2

ECO Purpose : Change

Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AJRLL-BO

Patch Level : 0

Product Date : 07-Jul-81

Description : AJRLLBO RL8/RL02 PCK VFYR

1ST Copyright year : 1979

Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-F378B-MA		AK-F379B-MA		AH-F380B-MA		AL-F381B-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

Diagnostic would not run correctly on a VT278
due to instruction set and architectural differences.

--SOLUTION/CORRECTION--

Modified Diagnostic to recognize instruction set and
architectural differences.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 40   2nd Pass : 960   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A   RL02   RL278

Problem Reports Affected   :

Kit Number   : ZF241   ZF016   ZF017

--AUTHORIZATION--

Author	: HANK POULTER	Maintaining Group	: DIAG-MK
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	: S.CARPENTER	Field Service Engineer	: A.TSHUDY6/29/81
Manufacturing Engineer	: A.WALKER6/29/81	Release Engineer	: T.DAVIES
Charge Number	: E720- 6002	Coordination Number	: MC4242

A

Component Part Number : AF-S938A-A0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 0   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : ALVTD-A0   Patch Level : 0   Product Date : 07-Jul-81

Description : ALVTDA0 RL02 278 SELFTEST ROM   1ST Copyright year : 1981   Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AL-S938A-NA							

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

PRODUCT LINE REQUIRED A RL02 278 SELF TESTING ROM

--SOLUTION/CORRECTION--

RELEASE ALVTD

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 2   2nd Pass : 2   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   :

Device Affected :   RL278   RL02

Problem Reports Affected   :

Kit Number   :

--AUTHORIZATION--

Author	: M.LETENDRE	Maintaining Group	: DIAG-MK
Submitting Engineer	: M.LETENDRE	Maintainer	: MISNER
Product Engineer	: S.CARPENTER	Field Service Engineer	: A.TSHUDY6/29/81
Manufacturing Engineer	: A.WALKER6/29/81	Release Engineer	: T.DAVIES
Charge Number	: E720- 6002	Coordination Number	: MC4243

A

Component Part Number : AF-S982A-MA

Component Part Description : ECO TALLY 00 ECO Purpose : Change Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AKVTG-A0 Patch Level : 0 Product Date : 07-Jul-81

Description : AKVTGA0 WPS DIAG ENCH PKG 1ST Copyright year : 1981 Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S982A-MA		AK-S984A-MA		AH-S983A-MA		AL-S985A-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

PROGRAM SELECTION FOR WPS SYSTEM WAS TOO CONFUSING

--SOLUTION/CORRECTION--

RELEASE AKVTG FOR AUTOMATIC PROGAM SELECTION

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 2nd Pass : ACT Sequence Number : Multimedia Affected : Yes

Processors :

Operational Environment :

Device Affected : WPS

Problem Reports Affected :

Kit Number : ZF016

--AUTHORIZATION--

Author	: GRANT SANDY	Maintaining Group	: DIAG-MK
Submitting Engineer	: GRANT SANDY	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: D040-03428	Coordination Number	: MC4275

A

Component Part Description : ECO TALLY 20   ECO Purpose : Change   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AIQAC-TO   Patch Level : 0   Product Date : 07-Jul-81

Description : AIQACTO PDP-8 MAINDEC INDEX   1ST Copyright year : 1976   Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-6571T-MA		AH-6572T-MA					

---PRODUCTS OBSOLETED---
---PROBLEM/DESCRIPTION---
NEW RELEASE CYCLE REQUIRES UPDATE OF INDEX

---SOLUTION/CORRECTION---
RELEASE AIQACTO

---PRODUCT CHARACTERISTICS---
Run Time (seconds) 1st Pass :   2nd Pass :   ACT Sequence Number :   Multimedia Affected : *No

Processors   :

Operational Environment   :

Device Affected :

Problem Reports Affected   :

Kit Number   : ZF001   ZF002   ZF003   ZF004   ZF005   ZF006   ZF007   ZF008   ZF009   ZF010
                      ZF011   ZF012   ZF013   ZF014   ZF016

---AUTHORIZATION---
Author   : MK-DIAG   Maintaining Group   : DIAG-MK
Submitting Engineer   : T.DAVIES   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer : NOT REQUIRED
Manufacturing Engineer : NOT REQUIRED   Release Engineer   : T.DAVIES
Charge Number   : D020-05463   Coordination Number   : MC4244

Component Part Number : AF-S241B-M0

Component Part Description : ECO TALLY 1   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : AKVTF-B0   Patch Level : 0   Product Date : 07-Jul-81

Description : AKVTFB0 WPS-8 MEM TEST   1ST Copyright year : 1980   Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S241B-MA		AK-S240B-MA		AH-S242B-MA		AL-S239B-NA	

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

REQUIRED TITLE CHANGE AND DID NOT COVER ENTIRE RANGE
OF MEMORY OPTIONS AVAILABLE.

--SOLUTION/CORRECTION--

CHANGE TITLE TO WPS-8 MEMORY TEST
AND ENHANCE BY EXPANDING CAPABILITIES TO INCLUDE
TESTING OF ALL WORD PROCESSORS.

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 840   2nd Pass : 840   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00 99

Device Affected :   WPS

Problem Reports Affected   :

Kit Number   : ZF016

--AUTHORIZATION--

Author	: B. CRAFT	Maintaining Group	: DIAG-MK
Submitting Engineer	: B. CRAFT	Maintainer	: MISNER
Product Engineer	:	Field Service Engineer	:
Manufacturing Engineer	:	Release Engineer	: T.DAVIES
Charge Number	: D040-03428	Coordination Number	: MC4231

A

Component Part Number : AF-S410B-MO

Component Part Description : ECO TALLY 1

ECO Purpose : Change   Approved : Yes
---PRODUCT IDENTIFICATION--
Diagnostic Package Code : ALDPA-BO   Patch Level : 0   Product Date : 29-Jun-81

Description : ALDPABO DP278 FUNC TST   1ST Copyright year : 1981   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S410B-MA		AK-S411B-MA		AH-S412B-MA		AL-S413B-NA	

---PRODUCTS OBSOLETED---

---PROBLEM/DESCRIPTION--
DIFFERENCE BETWEEN 2652 AND 5025 COMMUNICATION DEVICES
IN BCP MODE
2. CHIP PROBLEM FOR DUMMY READ TO CLEAR BUFFER

---SOLUTION/CORRECTION--
1. ALLOW THREE SYNC CHARACTERS TO BE TRANSFERED
2. INCLUDE A DUMMY READ

---PRODUCT CHARACTERISTICS--
Run Time (seconds) 1st Pass : 4   2nd Pass : 4   ACT Sequence Number :   Multimedia Affected : Yes

Processors   : 92

Operational Environment   : 00 20 99

Device Affected :   VT278   VT78

Problem Reports Affected   :

Kit Number   : ZF243

---AUTHORIZATION--
Author   : D.RICE   Maintaining Group   : DIAG-MK
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   : A.TSHUDY7/08/81
Manufacturing Engineer : DAVILLI7/08/81   Release Engineer   : T.DAVIES
Charge Number   : E072-02316   Coordination Number   : MC4273

A

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 00

ECO Purpose : New   Approved : Yes
---PRODUCT IDENTIFICATION---
Diagnostic Package Code : ALVTA-AO   Patch Level : 0   Product Date : 17-Nov-80

Description : ALVTAAO 278 CONFIDENCE TEST   1ST Copyright year : 1981   Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S414A-MA		AK-S415A-MA		AH-S416A-MA		AL-S417A-NA	
BA-S968A-MA							

--PRODUCTS OBSOLETED---
--PROBLEM/DESCRIPTION--
ORIGINAL RELEASE OF PROGRAM

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS------------------------------------
Run Time (seconds) 1st Pass : 90   2nd Pass : 90   ACT Sequence Number :   Multimedia Affected : *No

Processors   : 92

Operational Environment   : 00 20 99

Device Affected :   VT278   VT78

Problem Reports Affected   :

Kit Number   : ZF243
--AUTHORIZATION---
Author   : D.RICE   Maintaining Group   : DIAG-MK
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer   : C.CLINE12/02/80
Manufacturing Engineer   : DAVILLI12/03/80   Release Engineer   : T.DAVIES
Charge Number   : E072-02316   Coordination Number   : MC3886

A

Component Part Number : AF-S414B-M0

DIGITAL EQUIPMENT CORPORATION
DIAGNOSTIC ENGINEERING CHANGE ORDER

Component Part Description : ECO TALLY 1   ECO Purpose : Change   Approved : Yes

--PRODUCT IDENTIFICATION--

Diagnostic Package Code : ALVTA-B0   Patch Level : 0   Product Date : 29-Jun-81

Description : ALVTAB0 DECmate SYSTEM TEST   1ST Copyright year : 1981   Last Copyright Year : 1981

Expanded Description :

--PRODUCT COMPONENTS AFFECTED--

Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable	Component Part Number	Media Variable
AC-S414B-MA		AK-S415B-MA		AH-S416B-MA		AL-S417B-NA	
BA-S968B-MA							

--PRODUCTS OBSOLETED--

--PROBLEM/DESCRIPTION--

--SOLUTION/CORRECTION--

--PRODUCT CHARACTERISTICS--

Run Time (seconds) 1st Pass : 90   2nd Pass : 90   ACT Sequence Number :   Multimedia Affected : *No

Processors   : 92

Operational Environment   : 00 20 99

Device Affected :   VT278   VT78

Problem Reports Affected   :

Kit Number   : ZF243

--AUTHORIZATION--

Author   : D.RICE   Maintaining Group   : DIAG-MK
Submitting Engineer   : D.RICE   Maintainer   : MISNER
Product Engineer   :   Field Service Engineer : A.TSHUDY7/08/81
Manufacturing Engineer : DAVILLI7/08/81 Release Engineer   : T.DAVIES
Charge Number   : E072-02316   Coordination Number   : MC4274

A

Component Part Number : AF-C656D-M1

Component Part Description : ECO TALLY 04

ECO Purpose : Patch   Approved : Yes
--PRODUCT IDENTIFICATION--
Diagnostic Package Code : AJRLA-D1   Patch Level : 1   Product Date : 18-Sep-81

Description : AJRLAD1 RL8-A DSKLS CTRLR   1ST Copyright year : 1978   Last Copyright Year : 1981

Expanded Description :

---PRODUCT COMPONENTS AFFECTED---------------------------------------

---PRODUCTS OBSOLETED--
---PROBLEM/DESCRIPTION---------------------------------------
PASS COUNT WOULD FREEZE AT 7777 WHEN REACHED.

---SOLUTION/CORRECTION---------------------------------------
MFG ONLY PATCH
ALLOW PASS COUNT TO INCREMENT TO 0 INSTALL FOLLOWING PATCH

---DEPO PATCH AREA---
Loc   From   To   Mnemonic   Loc   From   To   Mnemonic
4231   7240   7300

---PRODUCT CHARACTERISTICS-----------------------------------
Run Time (seconds) 1st Pass : 5   2nd Pass : 90   ACT Sequence Number :   Multimedia Affected : *No

Processors   : 89 90 91 92

Operational Environment   : 00 20 99

Device Affected :   RL8A   RL02   RL01   RL278

Problem Reports Affected   :

Kit Number   : ZF241   ZF233   ZF016   ZF017   ZF238   ZF239   ZF240
---AUTHORIZATION---
Author   : HANK POULTER   Maintaining Group   : DIAG-MK
Submitting Engineer   : M.LETENDRE   Maintainer   : MISNER
Product Engineer   : S.CARPENTER   Field Service Engineer : A.TSHUDY6/29/81
Manufacturing Engineer : A.WALKER6/29/81   Release Engineer   : T.DAVIES
Charge Number   : E217-08002   Coordination Number   : MC4299