FIELD CHANGE ORDER  Number KA650-F001-DAS

Applicability: MicroVax 3600, MicroVax 3500, VaxStation 3200 and VaxStation 3500 which are experiencing the symptoms described below.

Problem/Symptoms: Failure of the above mentioned systems to autoboot a RA70 during power-up or after a power failure/power-up sequence. Additional problem/symptoms addressed in this FCO are listed on Page 2.

Quick Check: see Page 2

Compatibility/Prerequisite FCO
None

Est. Time to Install
1.0 hrs

Special Tools or Test Equipment: None

FCO Parts Information

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EQ Kit Variation/System-Option Applic: See Page 2.

Approvals

CSSE Engineer
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Responsible CSSE Mgr
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ESD&P Micropublishing
Diane MacDonald

Revision
A

F.S. Product Safety
Robert Brister

F.S. Microfiche Libraries
VAXDOC EP-FSVDC-LB
VAXNotes STARS

F.S. Logistics
E. Duggan

Affected Population
50

Initial Kitting
50

Hardcopy Publication
75

Parts Availability
July 1989

FCO Release Date
17-July-1989
Problem/Symptoms (Continued)

. Ultrix 3.0 upgrade incompatible with earlier revisions of the CPU.

. Failure of the system to autoboot a RA90 during power-up or after a
dismount.

. Failure of the B/100 XQA0 command.

. Technical points 1, 2 and 3 of Customer Letter dealing with DMA
transfers, POLY instructions and non-Digital device drives.

. Support of DSSI technology for older revisions of CPU board (Rev B-F)

. Support of KXJ11 Option.

Quick Check:

Upon boot, the following banner should be displayed:

   KA650-A/B V5.3 V2.7 (or greater)

EQ Kit Variation/System-Option Applicability:

Please read the descriptions below carefully before deciding which
kit to use:

   Kit 1:  EQ-01550-02
           For systems with multiuser capabilities and license.

   Kit 2:  EQ-01550-03
           For systems with single user capability and license.

NOTE: THESE BOARDS ARE NOT INTERCHANGEABLE
INSTALLATION INSTRUCTIONS

NOTE: If applicable, spin down and unload any drives that may be on the system prior to powering down.

1. Power down system.

*********************************************************************************************
* CAUTION *
* *
* AC POWER MUST BE REMOVED FROM THE *
* SYSTEM BEFORE PROCEEDING *
*********************************************************************************************

2. Remove the power cord from the power receptacle after powering down.

3. Refer to the appropriate system maintenance manual and gain access to the module area.

*********************************************************************************************
* NOTE *
* *
* THE MODULES IN THIS SYSTEM CONTAIN ELECTROSTATIC *
* DISCHARGE SENSITIVE DEVICES. THE USE OF THE *
* VELOSTAT KIT IS ESSENTIAL TO PREVENT DAMAGE *
* WHICH MAY NOT BE NOTICED IMMEDIATELY *
*********************************************************************************************

4. Set up a VELOSTAT kit in the following manner:

   a. Unfold the VELOSTAT mat to full size.

   b. Attach the ground cord to the snap fastener on the VELOSTAT mat.

   c. Attach the alligator clip end of the ground cord to a good (bare metal) ground on the system.

   d. Attach the wrist strap to either wrist and the alligator clip to a convenient portion of the mat.

5. Remove the H3600-SA cover and disconnect the ribbon cables between the H3600 and the KA650.

6. Remove the module from the backplane and place on the velostat worksheet.
7. Install new CPU module:

Seat the module firmly into its backplane slot.

Attach the ribbon cables from the H3600-SA to the CPU module.

Attach the H3600-SA - close up cab/door.

8. Power up and observe the banner that is displayed - it should read:

KA650-A/B* V5.3, VMB2.7

*A = multiuser system
B = single user system