

DIGITAL

FCO

CATEGORY

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OF 3

FIELD CHANGE ORDER

NUMBER: 9XXX-0007

APPLICABILITY: This "O" FCO should be installed on all VAX 9XXX systems and all field spares should be upgraded at the same time. This FCO incorporates ECO # T1061-TW005 and changes the revision of the T1061 XJA module to revision E4/E5/E6 or E7.

PROBLEM & SYMPTOM: Previous revisions of the XJA have a contention problem with Internal register reads and XMI space reads. This contention under the ULTRIX operation system would cause the system to "HANG" during Boot. The VMS SYSGEN utility "SHOW/XMI" command would cause the System to KAF, or hang under heavy I/O loads.

SOLUTION: Replace the T1061 XJA module with revision E*.

QUICK CHECK: Look for revision E4/E5/E6 or E7 on the T1061 XJA module.

PRE/COREQUISITE FCO:

N/A

MTTI HRS

See Page
2.

TOOL/TEST EQUIPMENT:

N/A

FCO PARTS INFORMATION

FCO KIT NO.	DESCRIPTION OF CONTENTS	EQ KIT VARIATION APPLICABILITY
EQ-01624-01	T1061 XJA module (rev E*.)	
FA-04957-01	FCO document	

FCO CHARGING INFORMATION

WARRANTY/CONTRACT

NONWARRANTY/NONCONTRACT

ON-SITE

OFF-SITE

ON-SITE

OFF-SITE

MATERIAL ONLY

TRAVEL/ INSTALL	EQ KIT	INSTALL	EQ KIT	TRAVEL/ INSTALL	EQ KIT	INSTALL	EQ KIT	ORDER-ADMIN, HANDLING PKG, SHIPPING & EQ KIT
DEC	DEC	DEC	DEC	N/A	N/A	N/A	N/A	N/A

APPROVALS

CSSE
Charlie KretzCSL LOGISTICS
Dick JosephCS PRODUCT SAFETY
Robert Brister

CSSE MANAGER

This document is published

FCO RELEASE DATE

Dino Genova	on multiple media including Customer Services and MDS	26 September 1991
MICROMEDIA Diane MacDonald	Microfiche Libraries. It is also available electronically on the Customer	FCO REVISION A
POPULATION 631	Services SSD CD-ROM and via TIMA.	PARTS AVAILABILITY September, 1991

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MTTI: This FCO will take approximately:

- 1.0 Hour - VAX 9000 Systems with 1 XJA module
- 1.5 Hour - VAX 9000 Systems with 2 XJA modules
- 2.0 Hour - VAX 9000 Systems with 4 XJA modules

Field Installation Synopsis

1. Perform Normal Operating System Shutdown Procedures, power off the system, disconnect power and lock out the system from AC power source.
2. Replace the old XJA Module (T1061-00) that is installed in slot 8 of the XMI Backplane with the new XJA supplied in the FCO Kit EQ-01624-01. Return the old T1061 module in its appropriate container for upgrade as soon as possible.
3. Power on the system and wait for the System Initialization to complete
4. Verify that all the XJA Diagnostics run
 - a. EWCLA - XJA Level 4 Diagnostic


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>>> TEST/XJA/LOG/PASS=5
```
 - b. EVCLB - XJA Level 3 Diagnostic


```
>>> B VDS
DS> SET T,Q
DS> R EVSBA
DS> SELECT ALL
DS> CLEAR T,Q
DS> R EVCLB/PASS=100
```
5. Re-Initialize the System, Perform Normal Operating System Boot Procedures
6. Report this FCO activity on the LARS form in the "Fail Area/

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LARS

	USA	GIA	EUROPE
Activity -			
(a)Contract and Warranty	W	U	Y
(b)IN-DEC Contract	K		
Hardware Segment Code	111	031	
Non Contract/Non Warranty	F	F	F
(b)RTD/Off-site Agreement	F		
Product Line	031	031	
DEC Option	9XXX	9XXX	9XXX
Type of Call	M	M	M
Action Taken	D	D	I
Fail Area-Module-FCO-Comments	9XXX-0007	9XXX-0007	9XXX-0007
Material Used	EQ-01624-01	EQ-01624-01	EQ-01624-01

- (a) Warranty Optimum, Warranty Standard and Warranty Basic (on-site) Agreements; * Note material (only) free of charge for all customers.
- (b) Applies to IN-DEC Area Only
- (c) RTD=Return to Digital or Off-site Agreements; If Field Engineer On-site, use Activity Code "F".

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