

## Field Application Document (FA)

DIGITAL	FCO	CATEGORY [F]	PAGE 1 OF
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FIELD CHANGE ORDER NUMBER: KN15-AA-F004, KN15-BA-F003,  
KN15-CA-F001, KN16-AA-F001  
KN16-BA-F001, KN16-CA-F001  
KN17-AA-F001, KN17-BA-F001

APPLICABILITY: This FCO is customer installable and it should be installed by Customer Services ONLY when demanded by the customer. This FCO is for all DEC3000/\* Alpha AXP Workstations shipped beginning December 1992 until November 1, 1993, plus all DEC 3000 Model 600 and 600S systems shipped before February 16, 1994.

PROBLEM & SYMPTOM: There is an EXTREMELY REMOTE possibility that in a below normal temperature environment, a SCSI controller transaction error could occur. Through extensive testing below normal operating temperatures, all observed occurrences of this condition have resulted in a detected illegal command. Because this condition in THEORY could cause data corruption we have supplied a MUP which will fix this condition.

SOLUTION: Installation of this MUP will provide enhanced parity protection on SCSI controller transactions by programming parity pass through instead of parity generation in the SCSI controller chip(s).

QUICK CHECK: None

PRE/CO-REQUISITE FCO: None

MTTI HRS 1.0
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TOOL/TEST EQUIPMENT: Power-up self-test is all that is needed

## FCO PARTS INFORMATION

FCO KIT NO.	DESCRIPTION OF CONTENTS
EQ-01699-01	DEC3000 OVMS AXP MUP 01 CD-ROM (AG-Q4B6A-BE), DEC3000 OSF/1 AXP MUP 01 CD-ROM (AG-Q42EA-BE), DEC3000 AXP MUP 01 Firmware Release Notes (AA-Q4B8A-TE), DEC3000 AXP MUP 01 OpenVMS AXP Release Notes (AA-Q4B7A-TE), DEC3000 AXP MUP 01 DEC OSF/1 Release Notes (AA-Q42FA-TE), DEC3000 AXP MUP 01 Cover Letter (AV-Q4B9A-TE), DEC3000 OpenVMS AXP MUP 01 Cover Letter (AV-Q4M5A-TE), FA Document, (FA-05036-01)
FA-05036-01	

FCO CHARGING INFORMATION (See Page 3 of 3)

## APPROVALS

TECH. ENGINEER	ENG. BUSINESS MGR.	DSHQ LOGISTICS	DS PRODUCT SAFETY
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Bob Sherman	John Leeds	Scott Almeida	Robert Brister
IDC	PARTS AVAILABILITY	FCO REVISION	FCO RELEASE DATE
Diane MacDonald		A	1-Jun-1994

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FCO KN15-AA-F004, KN15-BA-F003,  
 KN15-CA-F001, KN16-AA-F001,  
 KN16-BA-F001, KN16-CA-F001,  
 KN17-AA-F001. KN17-BA-F001

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 \*INSTALLATION INSTRUCTIONS\*  
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1. For firmware upgrade on all DEC3000/\* platforms, PMAZB-AA and PMAZC-AA, see the DEC3000 AXP MUP01 Firmware Release Notes (AA-Q4B8A-TE) that are included in this kit.
2. For systems running OpenVMS versions 1.5 or 1.5-1H1, see the DEC3000 AXP MUP01 OpenVMS AXP Release Notes (AA-Q4B7A-TE) that are included in this kit.
3. For systems running OSF/1 versions 1.2, 1.2A, 1.3, 1.3A, or 1.3B, see the DEC 3000 AXP MUP 01 DEC OSF/1 Release Notes (AA-Q42FA-TE).

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FCO KN15-AA-F004, KN15-BA-F003,  
 KN15-CA-F001, KN16-AA-F001,  
 KN16-BA-F001, KN16-CA-F001,  
 KN17-AA-F001. KN17-BA-F001

Report this FCO activity on the LARS form in the "Fail Area/Module/FCO/Comments" column as follows:

LARS EXAMPLE

CATEGORY S,O,F,I	USA	APA	EUROPE
Activity -			
(a)Contract and Warranty	W	U	K

(b) IN-DEC Contract	W	U	W
Hardware Segment Code	111	111	111
Non Contract/Non Warranty	W	W	W
(c) RTD/Off-site Agreement	W	U	W
Product Line	031		031
DEC Option	SEE NOTE D	SEE NOTE D	SEE NOTE D
Type of Call	M	M	M
Action Taken	D	D	I/V
Fail Area-Module-FCO-Comments	SEE NOTE D	SEE NOTE D	SEE NOTE D
Material Used	EQ-01699-01	EQ-01699-01	EQ-01699-01

- (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".
- (d) For DEC3000 Models 800/800S and 600/600S, use KN17AA, for Models 500/500S, 400/400S, use KN15AA, and models 300 and 300L use KN16AA.

FCO CHARGING INFORMATION (Y)

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	CUS	CUS	CUS	CUS	CUS

\\ DB=FCO\_DOCS CAT=HARDWARE GRP=FCO\_DOCS KN15 KN16 KN17