DIGITAL	FCO	CATEGORY [F]	PAGE 1 OF 5				
FIELD CHANGE (ORDER	NUMBER: PC736-F001, PC743-F001, PC744-F001,					
for 5.25", 360	746 computers at custome OKB formatted diskettes with revision level 1.22	should be installed on DECpc73 er sites that require the BIOS . It will upgrade the PCs by 2 on the Main Logic Board,	Support				
This FCO is or 360KB formatte	_	require the BIOS support for 5	5.25",				
	rporates ECO 5422042-TA0 42-01 Main Logic Board.	009 and will not change the re	evision				
- Problem rea - Disk type 3 - NO extended	ading 5.25", 360KB forma 34 and 35 do not comply d printer support for Na	with 85MB and 127MB Quantum of					
-	place the BIOS ROM in loith BIOS ROM, P/N 23-39	ocation E48 on the Main Logic 7E9-00 (BIOS V1.22).	Board				
- DECpc LP Redisplay on - For spares Logic board	ev level is displayed do Step 10 of suggested in check the P/N printed o	to check for DECpc LP revision in the same of the same	ole screen document. Main				
PRE/CO-REQUIS	ITE FCO: N/A		MFIT HRS 1.0 hrs.				
TOOL/TEST EQUI		c kit and chip extracting tool	- I ————				
	FCO PAR	IS INFORMATION					
FCO KIT NO.	FCO KIT NO. DESCRIPTION OF CONTENTS						
EQ-01671-01	Q-01671-01 1 - 23-397E9-00 BIOS ROM						
FA-05006-01	A-05006-01 1 - FCO document						
	FCO CHARGING INFORM	ATION (See Last Page)					
	APPRO	OVALS					

TECH. ENGINEER Mike Ardehali	ENG. BUSINESS MGR. Ed Tang	DS LOGISTICS George Simko 	DS PRODUCT SAFETY Robert Brister
MICROMEDIA Diane MacDonald		FCO REVISION A	FCO RELEASE DATE

+						+
						1
•	•	•		•	•	i
I	l	l	I	I	I	1 1
+						+

FCO PC736-F001, PC741-F001, PC743-F001, PC746-F001
PAGE 2 OF 5

Field Installation and verification Procedure for BIOS V1.22

- Check the BIOS revision level by rebooting the system. If it is below V1.22 then install EQ-01671-01. Refer to Step 10 for sample screen printout.
- 2. Use ALL ESD safety precautions to prevent DOA's on material in kit.

CAUTION

The module, as with all modules, contain electrostatic

discharge sensitive devices (ESDS). The use of the Velostat

Kit or ESD module box is essential to prevent damage which

may not be noticed immediately.

- 3. Setting up Velostat Kit
- a. Unfold the Velostat mat to full size (24" x 24")
- b. Attach the 15 foot ground cord to the Velostat snap fastener on the mat.
- c. Attach the alligator clip end of the ground cord to a good ground on the cabinet.
- d. Attach the wrist strap to either wrist and the alligator clip to a convenient portion of the mat.
- e. Remove the module from its CPU option slot and place it on the mat.

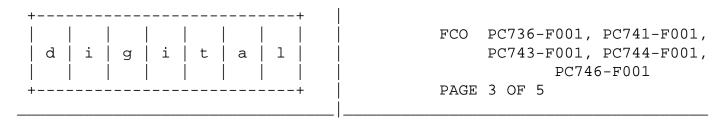
Or:

f. Remove the module from the spares kit and lay it on the velostat mat.

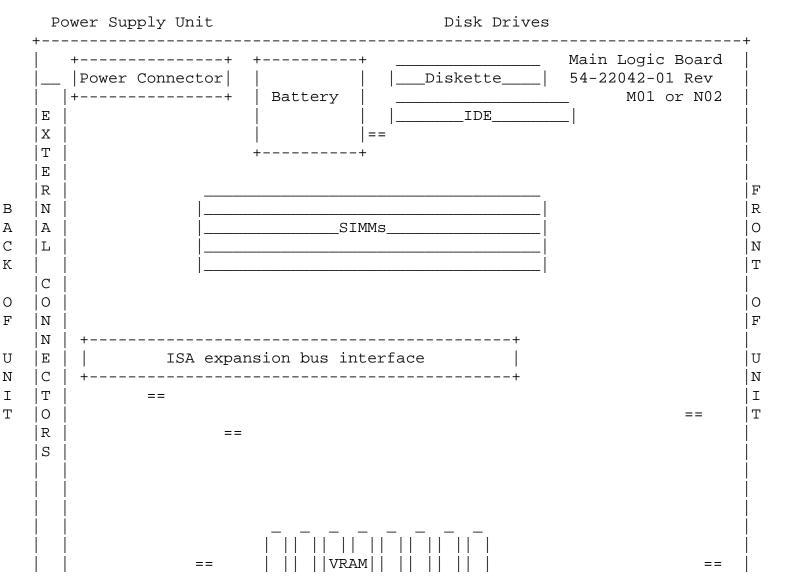
If using a module in an ESD box, insure wrist strap is

*	conne	cted	to	the	box	and	the	box	is	connected	to	chassis	of	*
*	the de	evice	e be	eing	upgı	raded	d.							*
* * *	****	****	* * * 1	***	****	****	***	* * * * 1	* * * *	*****	* * * 1	******	* * * *	٠ *

- 4. Turn the power off to all external devices first, then turn the computer off and disconnect the power cord.
- 5. Remove the enclosure cover by unlocking the outside cover lock, located in the back of the chassis. Then remove the 2 screws on each side of the unit. Remove the cover by sliding it towards the rear of chassis and then lifting it.



6. Locate the BIOS ROM on the Main Logic Board. Refer to the following diagram for visual assistance: (The BIOS ROM is located on the left side of the Main Logic Board.)



==		
==		==
	> BIOS	==
	== _ _ _ _	
1		

Figure 1: Main Logic Board layout

7. Remove any optional ISA boards which obstruct the removal of BIOS ROM.

++	
	FCO PC736-F001, PC741-F001,
d i g i t a l	PC743-F001, PC744-F001,
	PC746-F001
++	PAGE 4 OF 5

8. Use the chip extracting tool to remove the old BIOS ROM, pay attention to the chip orientation and make a note of which way the notch is facing. Replace it with the BIOS ROM V1.22 (23-397E9-00) supplied in EQ-01671-01. Pay particular attention to pin alignment and chip orientation when you are replacing the BIOS ROM. The notch on the ROM should face the back of the chassis, refer to Figure 1 on previous page for visual assistance. The notch on the chip is indicated by ">". Check to make sure there aren't any bent pins after you've replaced the chip.

- 9. Replace the enclosure by reversing the removal procedure and reconnect the power cord.
- 10. Turn on all the external devices first and then power up the computer. Note DECpc LP revision level should read 1.22 as shown in an example below.

SAMPLE SCREEN DISPLAY:

PhoenixBIOS(TM) A486 Version xx.xx.xx Copyright (C) 1985-1992 Phoenix Technologies LTD. All Rights Reserved

DECpc LP xxx Version 1.22

640k Base Memory xxxxxK Extended Memory

11. Press [F1] to enter setup, select the diskette drives A or B by

using the arrow keys. Change the value of the field using +/- you should see that the 5.25", 360KB is one of the section choices.

Use the ESC key to exit the setup.

- 12. CLEANUP: The removed BIOS ROM should be discarded per standard Digital procedures.
- 13. Report this FCO activity in the LARS form in the "fail area/module /FCO/comments" column as follows: FCO XXXXX See LARS example on the last page of this document.

For more detained information on removal and replacement of cabinet cover or Main Logic Board layout, refer to DECpc 300/400 LP series User's Guide, Part Number ER-PC740-UA.

+		
		F
d i	g i t a 1	
+		P
	İ	

FCO PC736-F001, PC741-F001, PC743-F001, PC744-F001, PC746-F001
PAGE 5 OF 5

14. Upgrade all field spares with EQ-01671-01. Mark the box "BIOS V1.22". This upgrade does not change the module revision.

LARS CATEGORY F USA GIA EUROPE Activity -(a)Contract U K W W U W Warranty (b) IN-DEC Contract K U Α Non Contract/Non Warranty F F F (c)RTD/Off-site Agreement F U Hardware Segment Code 111 111 111 Product Line 007 007 007 DEC Option PC730/740 PC730/740 PC730/740 Option ID N/AX N/AType of Call Μ Μ Μ Action Taken I/V D Fail Area-Module-FCO-Comments * Material Used EQ-01671-01 EQ-01671-01 EQ-01671-01

*NOTE: The following are the FCO numbers that apply to this section:

PC744-F001, PC746-F001

- (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".

FCO CHARGING INFORMATION								
WARRANTY/CONTRACT NONWARRANTY/NONCONTRACT								
ON-SI	TE	OFF-S	SITE		ľE	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

\\FCO_DOCS \\EQ-01671