DIGITAL FCO CATEGORY PAGE [F] 1 OF 15 FIELD CHANGE ORDER NUMBER: (VAX) 7XXX-F002 APPLICABILITY: This FCO is applicable to all VAX 7XXX systems that have a CCL module, P/N 54-20300-01, at rev. J03 or below and all systems that have rev. C01 door catches. PROBLEM & SYMPTOM: 1. The CCL module, 54-20300-01, in the VAX 7XXX system has an air pressure sense switch which does not meet design requirements. These switches cause intermittent system shut down due to a false air flow loss indication. 2. The rev. C01 door catches cause the cabinet doors to be very difficult to open. SOLUTION: 1. Rework existing CCL by bypassing the air pressure sense switch on the CCL module. 2. Replace rev. C01 door catches with rev. D01 door catches. QUICK CHECK: 1. The CCL can be identified by the rev. level. Modules at rev. J03 and below should be reworked. 2. Doors should open easily. If not, replace the catches. PRE/CO-REQUISITE FCO: This FCO should be done at the same time as 7XXX-F001. TOOL/TEST EQUIPMENT: Field service tool kit. Electrostatic Field Service Kit. FCO PARTS INFORMATION FCO KIT NO. DESCRIPTION OF CONTENTS EQ-01666-01 1 90-09797-00 "Y" tab 4 74-42472-01 door catches 1 36-19209-08 "H" Brady Marker 1 36-19209-08 "H" Brady Marker 1 36-19209-03 "3" Brady Marker 1 36-19208-03 "4" Brady Marker 1 36-19208-03 "3" Brady Marker 1 36-19208-03 "4" Brady Marker 1 36-19208-03 "5" Bra									
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Ella Libkind			
MICROMEDIA	PARTS AVAILABILITY	FCO REVISION	FCO RELEASE DATE
Diane MacDonald	February, 1993	A	24 February 1993

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This rework procedure gives step by step instructions on how to remove the CCL module from the system, bypass the CCL pressure switch, plug the CCL module back into the system, power system up and run diagnostics. It also describes how to replace the rev. C01 door catches.

CCL Affected

All VAX 7XXX systems which have a CCL module, P/N 54-20300-01, at rev. J03 or below.

NOTE

The CCL (Cabinet Control Logic) module is located on the top of the system in the right hand corner. To remove the module you must open the cabinet back door.

Removing the CCL module from the System.

- 1. Have the customer notify all affected systems users and shut down the operating system.
- 2. Disable the 48 VDC Buss by turning the front panel keyswitch to the "OFF" position.

Turn off input AC power to the platform by switching the main circuit breaker at the back of the machine to "off" (Fig 1). This shuts off power to the CCL module.

* CAUTION *

* This module, as all other modules, contains

*

3. Set 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.

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- 4. Open rear cabinet door. Using a #2 Phillips screwdriver, remove the three backplate mounting screws as shown in Fig. 3, and set these screws aside. Loosen the captive CCL hold down screws (See Fig. 4). Disconnect all cables and remove the CCL module. Place the module on the velostat mat.
- 5. Locate the air pressure switch S1, on the CCL module. Using a flat bladed screwdriver, disconnect the faston tabs from the switch as shown in Figure 5.
- 6. Connect the wires removed from the switch in Step 5 to the "Y" connector (DEC P/N 90-09797-00) as shown in Figure 6.
- 7. Connect the "Y" TAB to the CCL module pressure switch. Reference designator S1, as shown in Figure 7.
- 8. Four brady markers are supplied in the EQ kit; H, K, 3 and 4. Place the appropriate brady marker over the bar code label revision sticker. The revisions are changed as follows:

PART	Current	revision	Revision	after	FCO
54-20300-01	Н3		H4		
54-20300-01	J3		K3		

9. Re-install the CCL Module in the cabinet with the two captive hold down screws, connect all cables and install the metal backplate.

For systems that have shipped with rev. C01 roller catches, 74-42872-01, the following is the recommended rework:

- 10. Remove all 4 rev. C01 catches 2 located on front right-hand frame upright and 2 located on rear right-hand frame upright. Be sure to save the hex nuts.
- 11. Attach 2 rev. D01 catches to the FRONT right-hand frame upright and secure using 2 hex nuts per catch. As there is some play in the mounting holes in the catch, ensure that the catch is PUSHED IN towards the system while securing. Doing this should improve the alignment between front door and top cover.
- 12. Attach 2 rev. D01 catches to the REAR right-hand frame upright and secure using 2 hex nuts per catch. Again, as there is some play in the mounting holes in the catch, ensure that the catch is PULLED OUT towards the system while securing. Doing this should improve the alignment between rear door and top cover.
- 13. On the inside edge of the FRONT door, remove the foam tape section, which is located between the top roller and the bottom roller.

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- 14. On the inside edge of the REAR door, remove the foam tape section which is located between the top roller and the bottom roller.
- 15. Based on these changes, you will have to adjust the location of the rollers on the front and rear doors in order to ensure that the latch mechanism will engage correctly.
- 16. Turn the cabinet breaker on and enable power to the system with the keyswitch. Check for proper CCL operation.
- 17. Insure the system powers up and passes its power-up self tests. If the system fails to pass power-up self tests, refer to the appropriate diagnostics and troubleshooting procedures as the power-up self test failures would indicate.
- 18. Report this FCO activity on the LARS form in the "Fail Area/Module/FCO/Comments"column as follows: FCO 7XXX-F002 (See Appendix A).

NOTE: ALL PICTURES CAN BE PRESENTED IN HARDCOPY ONLY

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LARS

CATEGORY F	USA (GIA	EUROPE
Activity -			
(a)Contract	W	U	K
Warranty	W	U	W
(b)IN-DEC Contract	K	U	A
Non Contract/Non Warranty	F	F	F
(c)RTD/Off-site Agreement	F	U	F
Hardware Segment Code	111	111	* * *
Product Line	031		
DEC Option	7xxx	7xxx	7xxx
Option ID	X	N/A	N/A
Type of Call	M	M	M
Action Taken	D	D	I
Fail Area-Module-FCO-Comments	7XXX-F002	7XXX-F002	7XXX-F002
Material Used	EO-01666-01	EO-01666-01	EO-01666-01

- (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".

FCO CHARGING INFORMATION							
WARRANTY/CONTRACT NONWARRANTY/NONCONTRACT							
ON-SITE	OFF-SITE	ON-SITE	OFF-SITE	MATERIAL ONLY			
	EQ	-	 EQ	ORDER-ADMIN, HANDLING			

INSTALL	KIT	INSTALL	KIT	INSTALL	KIT	INSTALL	KIT	PKG,SHIPPING & EQ KIT
DEC	DEC	DEC	DEC	CUS	CUS	 CUS	CUS	CUS

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