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| FIELD CHANGE ORDER | NUMBER: (VAX) 7XXX-F002 |
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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.

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| MTTI HRS 60 min. |
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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 74-42872-01 door catches |
| | 1 36-19209-08 "H" Brady Marker |
| | 1 36-19209-11 "K" Brady Marker |
| | 1 36-19208-03 "3" Brady Marker |
| | 1 36-19208-04 "4" Brady Marker |
| FA-05000-01 | 1 FA Document |

FCO CHARGING INFORMATION (See last page)

APPROVALS

| | | | |
|----------------------------------|-------------------------------|--------------------------------|-------------------------------------|
| TECH. ENGINEER Greg Stillings | BUSINESS MGR. Vin Indorato | DSHQ LOGISTICS Bill Stanley | DS PRODUCT SAFETY Robert Brister |
|----------------------------------|-------------------------------|--------------------------------|-------------------------------------|

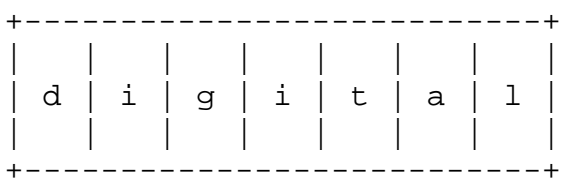
* electrostatic discharge sensitive devices (ESDS). *

* The use of the VELOSTAT kit is essential to prevent *

* damage which may not be noticed immediately. *

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 | H3 | 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.

Replacing the door catches

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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 | | EQ-01666-01 | EQ-01666-01 | EQ-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 |
| TRAVEL/ | EQ | TRAVEL/ | 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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