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FCO

 Level of
 Urgency
 [I]

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FIELD CHANGE ORDER

Number: VR260-I001

Applicability:

Retrofit VR260's with S/N's AB537xxxxx and below with Antiglare and where applicable with proper yoke connector. S/N's AB524xxxxx and below contain an ITC Assembly without Antiglare and with a defective yoke connector. The defective yoke connector can result in premature deflection board failure.

S/N's AB525xxxxx through AB537xxxxx contain an ITC without Antiglare but have the proper yoke connector. Continued page 2.

Problem/Symptoms:

Customer may object to the glare from the VR260 CRT face. Some VR260's reflect more ambient light than others. Early VR260's below S/N's AB537xxxxx have been shipped without Antiglare treatment.

Deflection modules burnt or discolored where the yoke (Continued on pg. 2)

Quick Check:

If the CRT shows fingerprinting smudging easily, the monitor should contain the anti-glare treated CRT (Continued on page 2.)

Compatibility/Prerequisite FCO:

None

 Est. Time to Install
 45 minutes

Special Tools or Test Equipment:

High voltage anode discharge tool (P/N 29-24717-00)

Protective gear: safety glasses (P/N 29-16141)

FCO Parts Information

 Order by
 FCO Kit #

Contents

	Quantity	Part Number	Description
EQ-01381-01	1	70-21861-01	Front Bezel Assembly
FA-04663-01	1		FCO Document

EQ Kit Variation/System-Option Applic: None

Approvals

CSSE Engineer Paul Petherick	F.S. Product Safety William Henry	F.S. Logistics Ed Duggan
Responsible CSSE Mgr Ron Francoeur	F.S. Microfiche Libraries EP-FSNVX-LB VAX	Affected Population 350
ESD&P Micropublishing Marie Rice	VAXnotes STARS	Initial Kitting 50
Revision A		Hardcopy Publication 350
FCO Release Date 11-June-1986		Parts Availability June 1986

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Applicability Cont'd.

The breakdown of the serial number scheme is as follows:

Example: S/N AB537xxxxx

AB - Manufactured in Albuquerque

5 - Manufactured in 1985

37 - Manufactured during week 37

xxxxx - Serial number manufactured within week 37

Problem/Symptom Cont'd.

plug from the ITC Assembly plugs into the module. ITC Assemblies (CRT, yoke, bezels) that are in whole options below S/N's AB524xxxxx have been shipped with improper yoke plug pins.

Quick Check Cont'd.

and does not have to be replaced. Monitors below S/N AB524xxxxx containing the ITC Assembly with defective yoke pins may cause the width of the display to be jittery and change erratically and intermittently.

Front Bezel Replacement Procedure

*
* WARNING *
*
* The hazards of CRT implosion and possible resulting injury *
* impose the work area and protective gear requirements given *
* below. Be sure to follow these procedure requirements very *
* carefully. *
*
* Location Requirements: *
*
* Use areas where risks and exposure are limited to trained *
* service personnel. Only DEC service personnel should be in *
* the area during CRT removal/replacement. *
*
* Protective Gear Requirements: *
*
* Any service person replacing a CRT must wear, as a minimum, *
* safety glasses (P/N 29-16141) and gloves (P/N 29-16146). *
*

1. Remove the power cord, rear enclosure, rear bulkhead assembly, and video amp board in accordance with Chapter 2 of the VR260 Maintenance Advisory, EK-VR260-MA-001.
2. Discharge and remove the high voltage anode in the following manner:
 - a) Make sure the video CRT product is turned off and unplugged from the AC or other power source.
 - b) Connect the clip-end of the anode discharge tool to a chassis ground point near the CRT anode.
 - c) Using one hand and KEEPING YOUR FREE HAND AWAY FROM THE CRT PRODUCT, carefully slip the anode discharge tool under the CRT anode connector cup until contact is made with the connector prongs (see Figure 1). Maintain contact for at least 10 seconds.

*
* CAUTION *
*
* Be careful not to tap the CRT with the anode discharge *
* tool. Avoid scratching or marring the CRT glass when *
* inserting the tool. *
* *

- d) The CRT anode connector may now be safely disconnected.
- 3. Remove the ground wire from the deflection board.
- 4. Remove the cable between the neck of the tube and the deflection board.
- 5. Loosen the center (of three) screws on each side of the monitor connecting the tube/yoke/bezel assembly to the chassis.
- 6. Remove the top and bottom screws on each side of the monitor.
- 7. Disconnect the ground straps from the chassis.
- 8. Carefully separate the tube/yoke/bezel assembly from the chassis.

*
* CAUTION *
*
* Be sure to observe the following handling precautions: *
*
* a) Never handle the tube by the neck. Always use two hands *
* and hold the CRT by the sides near the face of the CRT. *
* b) Keep the CRT away from your body when handling. *
* c) Do not allow the neck to strike anything. *
* d) Do not rest the CRT on its neck. *
* e) Do not allow the CRT to come into contact with tools *
* such as screwdrivers and soldering irons. *
* *

9. Install the new CRT assembly and re-assemble the monitor following Steps 1-8 in reverse order.
10. Dispose of the old CRT assembly. If there is no regional disposal procedure set up in your area, discard the replaced CRT in the following manner:

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- a) Place the scrap CRT and the original packing material in the container from which the replacement CRT was removed.
- b) Seal up the container such that only the very tip of the CRT neck is exposed.
- c) Using a pair of pliers or wire cutters, SLOWLY CRUSH (Do NOT snap) the evacuation point.

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*
*                               NOTE
*
* The evacuation point is a protrusion extending out from
* within the circular area defined by the CRT neck pins
* (see Figure 1). The glass protrusion is sometimes
* encased in a protective plastic cap, thereby requiring
* more force to crush it.
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- d) Seal the carton with packing tape and dispose of it in a dumpster or compactor.

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*
*                               WARNING
*
* Under no circumstances should pieces of phosphor-coated
* glass be handled without wearing protective gloves.
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*
*                               NOTE
*
* This safe "gassing" of the CRT is necessary to prevent
* liability and safety problems that may arise from
* accidental implosion of the CRT.
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11. Fill out a LARS report (see samples at the end of this document).

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\\PETHERICK
\\1986
\\JUN
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