



REV	APPLICATION			REVISIONS		
	A					
SH	1					
DWG. NO.	150-042824					
	PRODUCT LINE	REV	DESCRIPTION	DATE	APPROVED	APPROVED
	VC-401C	A	Initial Release per DCN W3236	2/26/04	R. Talken	C. Estes

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APPROVALS		DATE	 Wulfsberg Electronics <i>A Chelton Group Company</i>			
DRAWN	T. Mallette	2/26/04	TITLE: SERVICE BULLETIN WSB VC-401C-05 REMOVE CAPACITOR TO ELIMINATE A RARE FAILURE MODE			
CHECKED	C. Estes	2/26/04				
PRODUCT MANAGER	R. Evans	2/26/04				
ENGINEER	V. Wallace	2/26/04				
ISSUED	R. Talken	2/26/04				
Typed signatures indicate approval. Handwritten signature approval of this document is on file at Wulfsberg Electronics, Prescott, Arizona.			SIZE 	CAGE CODE 1B7G3	DWG NO. 150-042824	REV A
			SCALE: NONE		DO NOT SCALE DRAWING	



Wulfsberg Electronics
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SERVICE BULLETIN

EQUIPMENT: VC-401C

DATE: 02/26/04

BULLETIN NUMBER: WSB VC-401C-05 Revision A

EFFECTIVITY

This service bulletin applies to all VC-401C, P/N 400-042000-XX11 without hardware Mod "7".

REASON

This service bulletin is to improve reliability.

DESCRIPTION

This service bulletin will remove C3 from the Power Amplifier board to eliminate a rare failure mode.

COMPLIANCE

Upon next scheduled maintenance.

WARRANTY INFORMATION

This modification is an enhancement and is not covered under warranty.

APPROVAL

This modification does not affect the original approval.

MANPOWER

2 hours labor including testing.

REFERENCES

Manual, Maintenance, VCS 40C System, P/N 150-042000.

MATERIAL INFORMATION

The parts required to modify this unit in accordance with this Service Bulletin are available from Wulfsberg Electronics at (928) 708-1518.

PARTS REQUIRED

Not applicable.

MODIFICATION PROCEDURE

CAUTION

ANY DISASSEMBLY/ASSEMBLY OF THIS UNIT MUST BE DONE AT A STATIC SAFE WORKSTATION. REMOVED MODULES SHOULD BE PLACED IN ANTISTATIC BAGS WHEN NOT INSTALLED IN THE UNIT.

Open the VC-401C and gain access to the PA Module 310-040444 per the Maintenance Manual. Perform the following modification:

PROCEDURES:

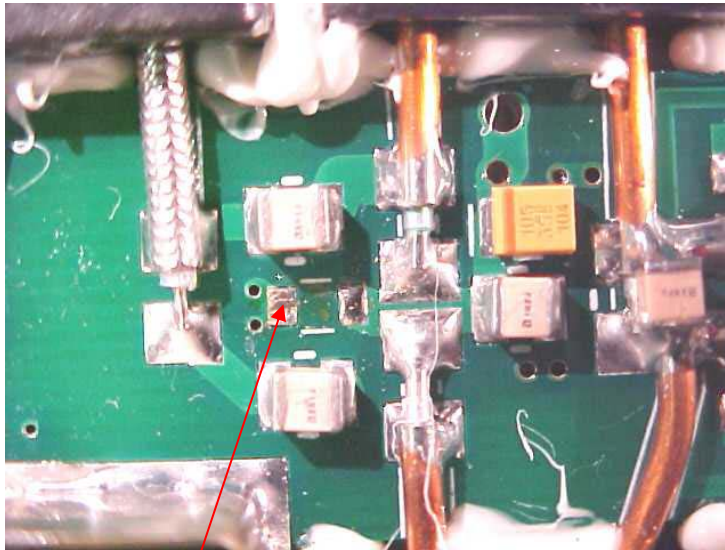
Remove capacitor C3 (106-04224-0047) from the intersection of T4, T5, and T6. Leave the circuit pads open. Do not replace the component. See Figure 1.

TESTING PROCEDURE

Perform a complete functional test of the unit in accordance with the Maintenance Manual.

IDENTIFICATION PROCEDURE

Upon completion of this service bulletin, mark the serial tag on the exterior of the LRU as hardware mod "7".



C3 removed
Do not replace.

Figure 1