E2228A-01A

S E R V I C E   N O T E

Supersedes:
None

Agilent E2228A TS-5410 Functional Test System
(Siemens VDO Configuration)

Agilent E2230A TS-5410 Functional Test System

Agilent E2235A TS-5400 Family Controllers

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION Required			
ACTION CATEGORY:	[[]] IMMEDIATELY X ON SPECIFIED FAILURE [[]] AGREEABLE TIME	STANDARDS: LABOR: 0.0 Hours	

LOCATION CATEGORY:	[[]] CUSTOMER INSTALLABLE
	X ON-SITE
	[[]] SERVICE CENTER
		SERVICE [[]] RETURN
		INVENTORY: [[]] SCRAP
		                    [[]] SEE TEXT
			USED [[]] RETURN
			PARTS: [[]] SCRAP
			             [[]] SEE TEXT

AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL:	
AUTHOR: JD PRODUCT LINE: BL			
ADDITIONAL INFORMATION:			

Agilent Technologies

May 26, 2004

Serial Numbers:

Karben	
AC35000257	SIEMENSVDO AUTOMOTIVE AG KARBEN
AC37000611	SIEMENSVDO AUTOMOTIVE AG KARBEN
AC39001398	SIEMENSVDO AUTOMOTIVE AG KARBEN
AC3B000000	SIEMENSVDO AUTOMOTIVE AG KARBEN
AC3B000003	SIEMENSVDO AUTOMOTIVE AG KARBEN
AC3A001143	SIEMENSVDO AUTOMOTIVE AG KARBEN
US43310006	SIEMENSVDO AUTOMOTIVE AG KARBEN
US43400101	SIEMENSVDO AUTOMOTIVE AG KARBEN
US43400102	SIEMENSVDO AUTOMOTIVE AG KARBEN
US43400103	SIEMENSVDO AUTOMOTIVE AG KARBEN

Regensburg	
AC39001397	SIEMENS VDO AUTOMOTIVE AG REGENSBURG
AC39001399	SIEMENS VDO AUTOMOTIVE AG REGENSBURG
AC39001405	SIEMENS VDO AUTOMOTIVE AG REGENSBURG
AC3A001145	SIEMENSVDO AUTOMOTIVE REGENSBURG
AC3B000004	SIEMENS VDO AUTOMOTIVE AG REGENSBURG
AC3B000007	SIEMENS VDO AUTOMOTIVE AG REGENSBURG
US43310001	SIEMENS VDO AUTOMOTIVE REGENSBURG
US43310002	SIEMENS VDO AUTOMOTIVE REGENSBURG
US43310003	SIEMENS VDO AUTOMOTIVE REGENSBURG
US43310004	SIEMENSVDO AUTOMOTIVE AG REGENSBURG
US43310005	SIEMENS VDO AUTOMOTIVE REGENSBURG

Frenstat	
AC3A000447	SIEMENS AUTOMOBILOVE SYSTEMY FRENSTAT
AC3B000009	SIEMENS AUTOMOBILOVE SYSTEMY FRENSTAT

Villingen	
AC2A000445	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC39001401	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC39001402	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A000431	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A000432	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A000433	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A000434	SIEMENSVDO AUTOMOTIVE AG VILLINGEN-
AC3A000435	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A000446	SIEMENSVDO AUTOMOTIVE AG VIILLINGEN
AC2A000445	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A000448	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A000449	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A000463	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A001141	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A001142	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3B000008	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3A001144	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3B000002	SIEMENSVDO AUTOMOTIVE AG VILLINGEN
AC3B000008	SIEMENSVDO AUTOMOTIVE AG VILLINGEN

AC3C000274	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000275	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000276	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000278	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000279	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000280	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000281	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000282	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000472	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000473	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000474	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000476	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000477	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC3C000526	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC41000103	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC41000104	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC41000105	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC41000106	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC41000107	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC41000108	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC41000109	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC41000651	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC41000652	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN
AC41000661	SIEMENSVDO AUTOMOTIVE AG	VILLINGEN

Other	
AC3A001145	CABRERA LLAMAS FORWARDING LAREDO TX
AC41000659	CABRERA LLAMAS FORWARDING LAREDO TX
AC41000706	CABRERA LLAMAS FORWARDING LAREDO TX
SC41000662	CABRERA LLAMAS FORWARDING LAREDO TX

BIOS Update

The purpose of this BIOS update is to resolve Microsoft® XP activation issues associated with operating systems on first release E2228A and E2230A Functional Test Systems, and E2235A System Controllers.

To Be Performed By: Agilent-Qualified Personnel Only

Parts Required:

P/N	Description	Qty.
----	3.5" floppy disk	2

Situation:
Upgrade or recovery of system PCs with BIOS version V2.00 requires the customer to contact Microsoft® to re-activate the XP operating system once the PC is re-imaged. Updating the BIOS to version E2.07 eliminates the need to contact Microsoft® for XP activation.

Solution/Action:

BIOS version V2.00 on the system PCs in the above serial number ranges must be updated to version E2.07 per the following procedure.

******************************** **CAUTION** ************************************
This procedure is to be performed on systems with PC BIOS version V2.00 only. Using this procedure on system PCs with other BIOS versions may make those PCs unusable.
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1. Obtain copies of the BIOS flash utility and BIOS file.

A. Before going to the customer site, download the files "awdflash.exe" and "6186e207.bin" to a 3.5" disk or other location where they can then be copied to a startup disk at the customer site. The files are located at:
  - http://systems.product.agilent.com/system_support/
  - once there, scroll down to "System Support Links" and under "Defense, Aerospace and Transportation" click on "TS-5400 Series II." Download the files listed under "BIOS Upgrade Files."

2. Verify Current Bios Version on the Customer's System PC.

A. Restart the system PC. When the restart process begins, press the 'Pause' key once the BIOS version information appears. This information should read:

PCA-6186 BIOS Version V2.00 Date: 11/14/2002

If the BIOS version is not V2.00, it is not necessary to perform the update.

B. Press the 'Enter' key to continue and complete the restart process.

3. Create an MS-DOS startup disk.

A. Insert a new 3.5" floppy disk into the system PC. Open Windows Explorer, right-click on the floppy drive (A:) and select "Format...". In the Format Options dialog box, select "Create an MS-DOS startup disk" and click 'Start'.

B. Once the startup disk is created, copy "awdflash.exe" and "6186e207.bin" (from Step 1) to the startup disk.

C. Install the startup disk in the system PC and restart the computer.

D. At the A:\ prompt, type "awdflash.exe 6186e207.bin /cd". Note, you must include "/cd" in the command string for the update to complete successfully.

E. Verify that you are using version 8.24 of the flash utility. The screen should display "AWDFLASH V8.24C" near the top of the monitor.

F. The program will momentarily display "Please input File Name", followed by "Please Wait". This is normal – do not do anything during this period.

G. When prompted with "Do you want to save Bios (Y/N)," click the 'N' key. When prompted with "Press 'Y' to Program or 'N' to Exit," click the 'Y' key.

H. Verify that no write failures occur during the update. Failures are indicated in red in the progress box. When finished, follow the instructions by removing the floppy disk and clicking F1 to restart the computer.

I. Verify the BIOS update is complete. During the restart (Step H)|:

PCA-6186 BIOS Version E2.07 Date: 02/02/2004

should appear in the BIOS information section of the restart process.