



commodore
TECHTOPICS

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Issue 2, 1985: Tid-Bits

TO ALL TECHS: Please do not give the 800 phone number for the Tech Hot Line and Parts Order Desk to ANY consumer. These numbers were established for CQS Centers ONLY. When unauthorized calls get through, they prevent YOU from reaching us. The ONLY number to be given to consumers is:

CUSTOMER SUPPORT 1-800-247-9000

C-64 DIAGNOSTIC

The diagnostic assembly for the 64 computer has been improved. The latest version is labeled:

C64 DIAGNOSTIC
V586220

If the version that you received does not have this label, please call the Tech Hot Line at 1-800-874-4811. The new version EPROM will be sent to up-date your cartridge. Upon receipt of the new rev, remove the old EPROM and send it to:

Attn: Bruce Mortenson
Commodore Business Machines
1200 Wilson Drive
West Chester, PA 19380

Failure to return the original EPROM will result in an automatic charge of \$25.00 to your account.

The instruction manual for using the diagnostic assembly has been delayed due to unforeseen circumstances. We apologize and encourage you to continue to use the Tech Hot Line when help is needed.

DIAGNOSTIC DISK MANUAL - VERSION 2.0

If you have received a Version 2.0 Diagnostic Disk without a manual, please call the Tech Hot Line at 1-800-874-4811 and request that one be sent to your CQS center. Be prepared to give your CQS account number and mailing address.

CORRECTION: Page 1-12. The x10 probe locations for alignment are incorrect. To use x10 probes, you must adjust the voltage setting on the scope and use the same board locations as the x1 probes.

VIC 20 DIAGNOSTIC

A new diagnostic will be available for the Vic 20 in a few weeks. The price has been reduced to \$75.00 and the assembly will include instructions for proper use. Check with the parts order desk when placing an order, for availability.

1526 MPS 802 4023 SERVICE MANUAL

The 1526/MPS 802/4023 Service Manual is in stock and may be ordered by calling the parts order desk at 1-800-874-4799. The part number is 314003-03 and the price is \$20.00.

C-64 SERVICE MANUAL

CORRECTION: Page 4. Please replace page 4 of your 64 Service Manual, dated FEB 1985, with the corrected page that is enclosed.

CORRECTION: Page 22. Micron Technology is no longer an approved source for the 64K RAM package.

PARTS ORDERS

PLEASE check your current PARTS/PRICE list for part numbers and prices before placing an order for parts. If the item you need is not listed, check the CROSS-REFERENCE MANUAL for an approved source. GENERIC parts are to be used to replace common items, i.e. resistors, caps, etc. If you believe that a part you cannot locate is a COMMODORE PROPRIETARY item, please ask the parts order desk for an availability status. DO NOT place an order for an item that is not on the price list, this will only DETAIN your order.

If you have followed ALL of the steps above, and still cannot locate the item you need, call the Tech Hot Line for help.

PLUS 4 AND C-16 REPAIRS

Due to the low volume of repairs needed on these products, Commodore has decided to stock EXCHANGE BOARDS ONLY for them. Unfortunately, the service manuals were produced before this decision was made. Therefore, proprietary items are incorrectly indicated as available from Commodore in the manuals.

THE FOLLOWING IS A LISTING OF THE DIFFERENT KITS AVAILABLE TO CQS CENTERS. A DESCRIPTION OF THE ITEMS CONTAINED IN THESE KITS IS GIVEN, ALONG WITH THEIR INDIVIDUAL PART NUMBERS. ANY PART OF THE KIT IS AVAILABLE SEPARATELY BY ORDERING ITS RESPECTIVE PART NUMBER. PLEASE REFER TO YOUR PARTS PRICE LIST FOR INDIVIDUAL PRICES.

***** DEALER START-UP KIT -- CPU - Part Number -- 314053-01		\$125.00
* C-64	Diagnostic Assembly	- Part Number -- 326070-01
* VIC-20	Service Manual	- Part Number -- 314001-01
* C-64	Service Manual	- Part Number -- 314001-02
* C-16	Service Manual	- Part Number -- 314001-03
* PLUS 4	Service Manual	- Part Number -- 314001-04
***** DEALER START-UP KIT -- PERIPHERAL - Part Number -- 314054-01		\$125.00
* VERSION 2.0	Diagnostic Diskette & Manual	- Part Number -- 314051-01
* 48 TPI	Alignment Diskette	- Part Number -- 970016-01
* 1540/1541	Service Manual	- Part Number -- 314002-01
* 1530/1531	Service Manual	- Part Number -- 314002-02
* 1515/1525	Service Manual	- Part Number -- 314003-01
* 1520	Service Manual	- Part Number -- 314003-02
* MPS-801	Service Manual	- Part Number -- 314003-04
* 1701/1702	Service Manual	- Part Number -- 314004-01
***** DISK DIAGNOSTIC KIT - CONSUMER - Part Number -- 314058-01		\$85.00
* VERSION 2.0	Diagnostic Diskette + Manual	- Part Number -- 314051-01
	Replacement 2.0 Disk ONLY	- Part Number -- 314051-02
* 48 TPI	Alignment Diskette	- Part Number -- 970016-01
***** DISK DIAGNOSTIC KIT - BUSINESS - Part Number -- 314059-01		\$165.00
* VERSION 3.0/3.5	Diagnostic Diskettes + Manual	- Part Number -- 314052-01
	Replacement 3.0 Disk ONLY	- Part Number -- 314052-02
	Replacement 3.5 Disk ONLY	- Part Number -- 314052-03
* 48 TPI	Alignment Diskette	- Part Number -- 970016-01
* 100 TPI	Alignment Diskette	- Part Number -- 970016-03
***** SERVICE MANUAL KIT CONSUMER - Part Number -- 314020-01		\$100.00
* VIC-20	Service Manual	- Part Number -- 314001-01
* C-64	Service Manual	- Part Number -- 314001-02
* C-16	Service Manual	- Part Number -- 314001-03
* PLUS 4	Service Manual	- Part Number -- 314001-04
* 1540/1541	Service Manual	- Part Number -- 314002-01
* 1530/1531	Service Manual	- Part Number -- 314002-02
* 1515/1525	Service Manual	- Part Number -- 314003-01
* 1520	Service Manual	- Part Number -- 314003-02
* MPS-801	Service Manual	- Part Number -- 314003-04
* 1701/1702	Service Manual	- Part Number -- 314004-01
***** SERVICE MANUAL KIT - BUSINESS - Part Number -- 314020-02		\$100.00
* 4000 SERIES	Service Manual	- Part Number -- 314010-02
* 8000 SERIES	Service Manual	- Part Number -- 314010-03
* 64K ADD-ON	Service Manual	- Part Number -- 314010-04
* 9000 SERIES	Service Manual	- Part Number -- 314010-05
* B-128/256	Service Manual	- Part Number -- 314010-06
* 9060/9090	Service Manual	- Part Number -- 314011-04
* 4022	Service Manual	- Part Number -- 314012-02
* 6400	Service Manual	- Part Number -- 314012-04
* 8023	Service Manual	- Part Number -- 314012-05
* 8300	Service Manual	- Part Number -- 314012-06
***** COMPLETE SERVICE MANUAL KIT - Part Number -- 314020-03		\$175.00
* SERVICE MANUAL KIT - CONSUMER		- Part Number -- 314020-01
* SERVICE MANUAL KIT - CONSUMER		- Part Number -- 314020-02