Consumer Product Service
Manager of Technical Support

TECH TIP

TT
HCD.
number 18A

MODEL: Atari 1200XL Computer OS

DATE: September 29, 1983

This Tech Tip Supercedes Tech Tip 18 Dated July 12, 1983.

SUBJECT:

If customer difficulty with the SYSTEM RESET key is reported, replacement of the Rev. A O/S may be necessary.

DESCRIPTION:

On some 1200XL units it may be necessary to replace Rev. A EPROMs or ROMs with Rev. B ROMs (silk screen locations U12 and U13).

PROBLEM:

If a 1200XL (OS) problem is encountered, you must replace Rev. A EPROMs or ROMs with Rev. B OS ROMs (U12 - C060617B and U13 - C060616B). The only difference between Rev. A and Rev. B is that Rev. B corrects a problem in the function of the System Reset key.

Rev. A OS EPROMs or ROMs should be replaced by Rev. B OS ROMs in only one of two situations:

   1) If the Rev. A OS EPROMs or ROMs have failed.

   2) If the consumer has complained about the improper function of the SYSTEM RESET key. There are no other differences between Rev. A and Rev. B.

SOLUTION:

1. For units with Rev. A ROMs installed, change from Rev. A OS ROMs to Rev. B OS ROMs by replacing both ROMs.

2. For units with Rev. A EPROMs installed it is necessary to change the 0.0 Ohm jumpers per the following modification instruction prior to inserting the Rev. B ROMs.

MODIFICATION INSTRUCTION:

To convert from Rev. A EPROMs to Rev. B ROMs perform the following:

1. Remove jumpers (C060629) W11, W12, and W13 (28-pin device ONLY).

2. Install jumpers (C060629) W6, W7, W8, and W9 (24-pin device ONLY).

3. Install Rev. B ROMs with Pin 1 of the ROMs in Pin Location 3 of the sockets.

NOTE: The 1200XL OS is a two (2) EPROM or ROM set. When replacing a Rev. A OS with Rev. B OS both devices must be changed.

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TROUBLESHOOTING AND MAINTENANCE:

There is no change to either maintenance or troubleshooting techniques because of this change.

PROBLEM REPORTING:

If you have questions or require further explanation concerning this Tech Tip, contact your Atari Tech-line Specialists:

Inside California:
(800) 672-1466

Outside California
(800) 538-1535