



Consumer Product Service
 Manager of Technical Support
TECH TIP

TT
 HCD
 number 12

MODEL: ATARI 1200XL COMPUTER

DATE: June 16, 1983

SUBJECT:

Color Burst/Video Sync

DESCRIPTION:

Loss of video sync on certain televisions and monitors.

PROBLEM:

The screen distorts with high intensity (black to white) screens. Characters appear to be very wavy, torn or ghost images, and the video on the screen seems to enlarge.

SOLUTION:

Most video sync problems will be resolved by the following series of component changes.

NOTE: Perform the following modification procedure only on those units which display video sync problems.

MODIFICATION PROCEDURE:

Silk Screen Location	Remove Comp Desc.	Part Number	Replacement Comp. Descr.	Part No.
R22	Res 1/4W 4.3K	14-5432	Res 1/4W 6.2K	14-5622
R188	Res 1/4W 910 Ohm	14-5911	Diode 1N914 Place cathode closest to bridge rectifier.	31-1N914
R163	Res 1/4W 100 Ohm	14-5101	Res 1/4W 150 Ohm	14-5151
R145	Unused		Res 1/4W 18K	14-5183

TROUBLESHOOTING:

These changes do not effect the troubleshooting procedures outlined in the 1200XL Computer Field Service Manual (FD100217).

DIFFICULTY REPORTING:

If you have questions or need further assistance, call the Atari Techline Specialist:

Inside California
 (800) 672-1466

Outside California
 (800) 538-1535