TO ALL USERS OF LYNX VO-5850 INTERFACES

WITH REV B OR EARLIER CIRCUIT BOARDS

Due to a discrepency in Sony's documentation, the Lynx interface for the Sony VO-5850 U-matic video cassette recorder must be modified to allow proper control of edit modes via the Lynx Time Code Module. This modification applies to all Lynx VO-5850 interfaces cable using the REV A or REV B version of the circuit board in the cable's "blue box". This includes all interfaces produced through June 1989. Interfaces using the REV C version of the circuit board already incorporate the necessary circuit changes. (The revision level of the circuit board can be found in the printed artwork in the top right corner of the circuit board after removing the cover from the interface box.)

The parts kit included with this bulletin contains everything required to perform the modification. The work should be performed only by a skilled technician.

The following tools are required to perform this modification:

1 Soldering iron
1 Phillips-head screwdriver
1 Diagonal cutting pliers (dykes)
1 "X-acto" knife or razor blade
1 1/4" nutdriver
1 Needle-nose pliers

This modification kit should contain the following items:

These instructions (4 pages total)
2 1N914 silicon diodes
2 Pieces of plastic tubing
1 Piece of 28 gauge wire

MODIFICATION INSTRUCTIONS

1. Remove the four phillips-head screws from the interface box and remove the cover.
2. Detach the 3 plug-in cable connectors. Be careful not to bend any of the pins.
3. Remove the four 1/4" hex nuts that secure the circuit board.
4. Remove the circuit board and orient it with solder side up as shown in FIGURE A below.

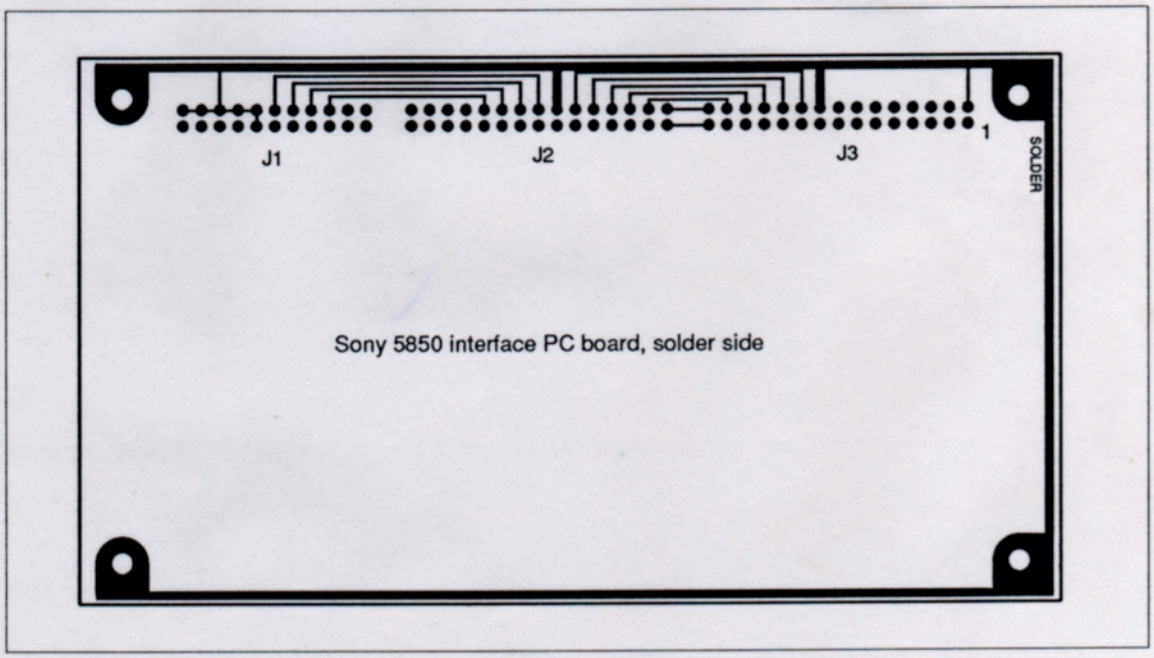

FIGURE A

5. **CAREFULLY** cut the two traces as shown in FIGURE B below using an X-ACTO knife or razor blade.

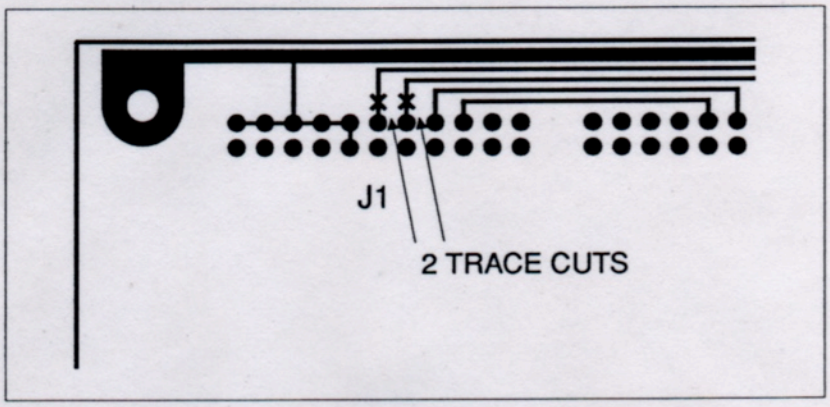

FIGURE B

6. Solder in place a wire jumper as shown in FIGURE C below using the supplied piece of 28 gauge wire.

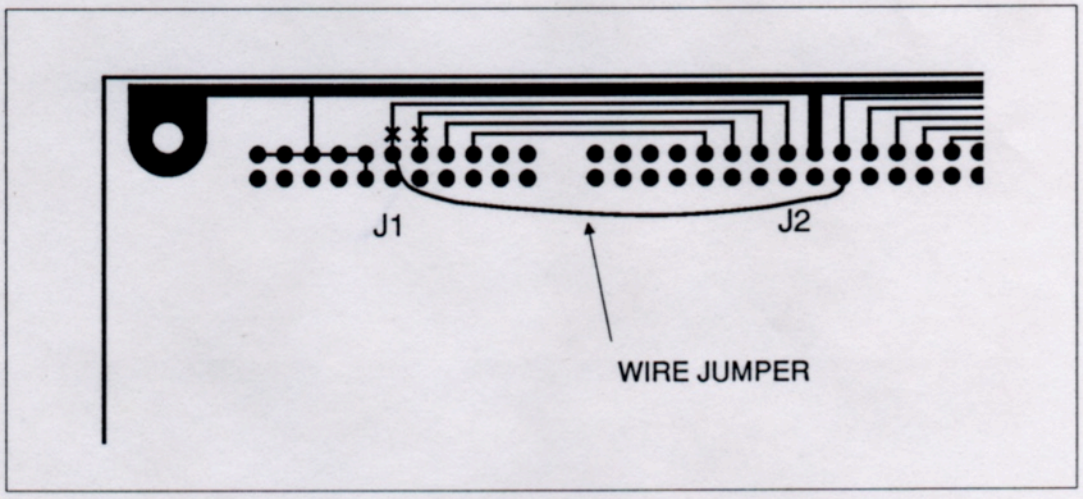

FIGURE C

7. Solder in place the two diodes as shown in FIGURE D below. Orient the diodes exactly as shown and use the supplied plastic tubing over the diode leads to prevent shorts.

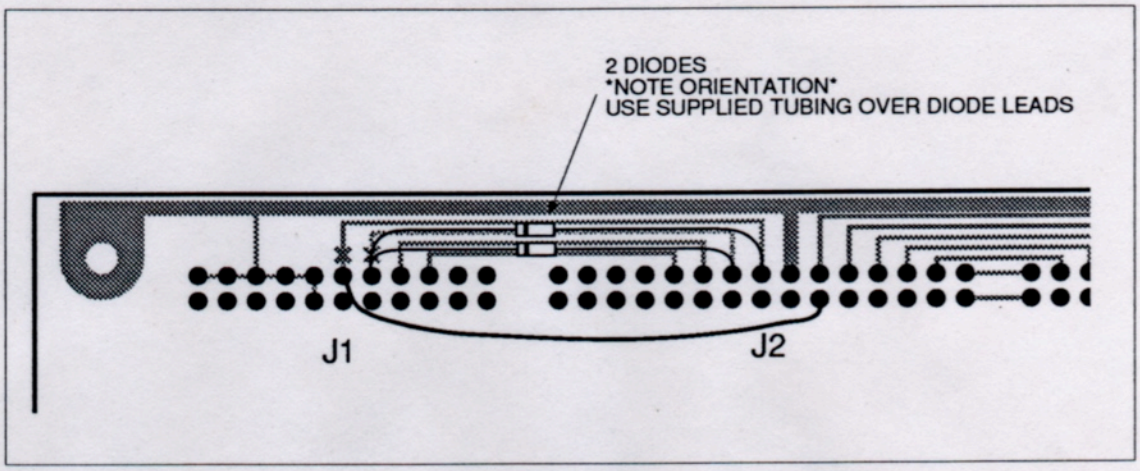

FIGURE D

8. Inspect the circuit board for solder shorts and good workmanship.

9. Reinstall the circuit board in the chassis and and secure it with the 4 hex nuts.

10. Reinstall the 3 plug-in cable connectors taking care not to bend any pins. Make sure the connectors are oriented the same way as when they were removed.

11. Replace the top cover and secure it using the 4 phillips-head screws.

– END OF MODIFICATION INSTRUCTIONS –