



DEALER SERVICE INFORMATION

Service Bulletin No. 92-015

q Optional - Not for General Distribution

q Recommended

q Mandatory

TIMELINE VISTA, INC.
1755 LA COSTA MEADOWS DRIVE, SUITE B
SAN MARCOS, CA 92069
Tel. 760-761-4440
(FAX 760-761-4449)
SUPPORT@DIGAUDIO.COM

Micro Lynx Capstan Output

DATE: 07/10/92
MODEL: Micro Lynx
REVISION: All
SERIAL NO: All
SOFTWARE: All

DESCRIPTION:

In some installations Ampex ATR-100 series, Otari MTR90-1, MTR-10/12-1 and Sony/MCI JH series machines will not “solidly” synchronize. The machine’s capstan will repetitively jump out of lock, this action is often described as “cogging.” This service bulletin details a minor modification to the Micro Lynx capstan output circuitry. A wire jumper, to short the 75 ohm capstan output resistor, is added to the System Unit mother board.

REQUIRED TOOLS:

Static safe workstation	28 AWG jumper wire
Grounding wrist strap	Phillips screwdriver
Soldering Iron	

PROCEDURE:

1. Turn off the System Unit and disconnect all cables from the rear panel. Place the System Unit on a static safe workstation. Ground yourself and the workstation anti-static mat.
2. Remove the six phillips screws securing the top cover of the System Unit.
3. Turn the System Unit so that the **back** panel faces you and remove the top cover.
4. Remove the two phillips screws securing the connector board to the chassis. Disconnect J4, the rear panel ribbon connector from the mother board.
5. Slide the board to the side then lift it up and out of the chassis.

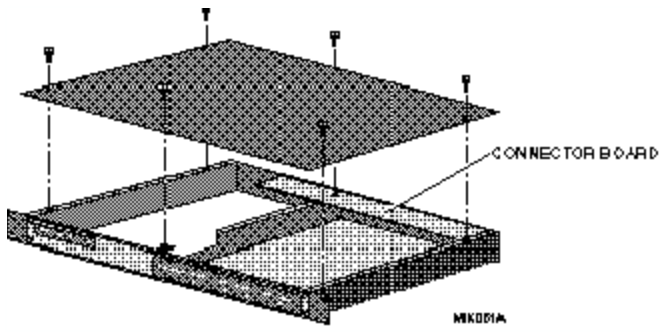


Figure 1. Remove the Top Cover

6. To modify machine A, locate R121 adjacent to the 40 pin Transport 1 connector on the System Unit mother board as indicated in Figure 2. If required, locate R122 adjacent to Transport 2 connector to modify machine B.
7. Using a small soldering iron carefully solder a wire shorting link across the resistor.

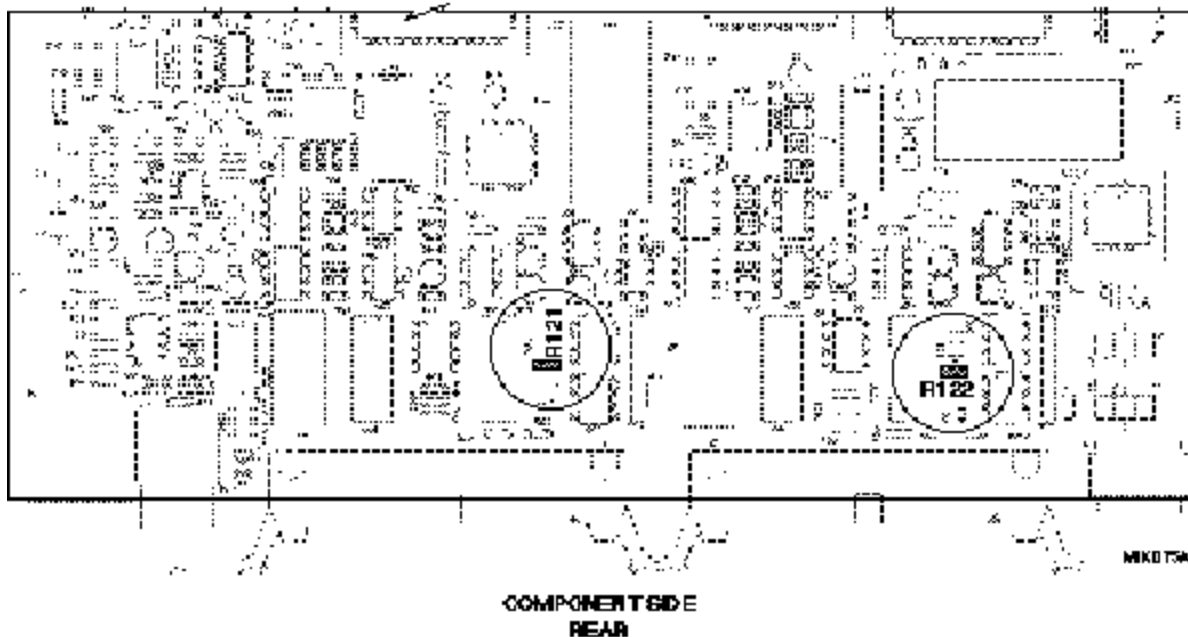


Figure 2. Jumper Insertion on Mother Board Component Side

8. Re-install the connector board into the System Unit. Insert and tighten the two phillips screws which hold the board in place. Insert the rear panel ribbon connector into J4 on the mother board.
9. Replace the System Unit top cover. Insert and tighten the six phillips screws which secure the cover to the chassis.