

INFORMATION DISPLAY DIVISION

GMA102A MANUAL FOR SERIAL NUMBER B060000 AND UP

A new instruction manual is available for the major mod GMA102A which has serial numbers of B060000 and up. Part number of the new manual is 070-3635-00, title of manual is GMA102A (B060000 and up) STORAGE DISPLAY MONITOR Instruction Manual.

--Dennis Painter
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4052/54 MAG TAPE ERROR - COM CLOCK MODIFICATION #M40828

Some 4052's and 4054's have indicated read errors during a read operation of the magnetic tape. The source of these read errors are actually due to a improperly formatted header written on a file or data on the magnetic tape written incorrectly. The result is the magnetic tape cannot be read by the 4052/54. The circuitry that causes the error is on the 4052/54 I/O Boards. Modification #M40828 addresses the write error.

There are two different procedures to Modification #M40828, the first addressing the 4052 I/O Board, the second, the 4054 I/O Board.

The first procedure addressing the 4052 I/O Board 670-5632-01 is as follows.

Parts Needed: 1 283-0107-00 51pf capacitor
1 317-0101-00 100ohm resistor

Procedure: (refer to figure 1)

- 1) Clip and lift pin 1 of U505
- 2) Add 100ohm resistor (317-0101-00) circuit number R405, between U505 pin 1 and the pad of where pin 1 of U505 was clipped from.
- 3) Add a 51pf capacitor, circuit number C405 (283-0107-00), between U505 pin 1 and ground.
- 4) The 670-5632-01 will roll to a -03.

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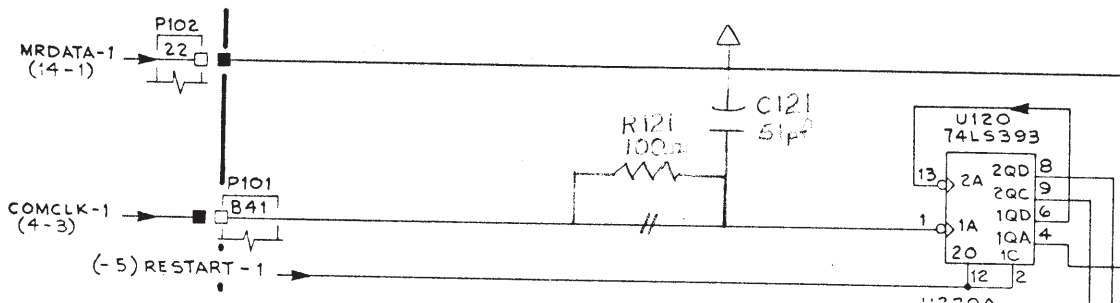
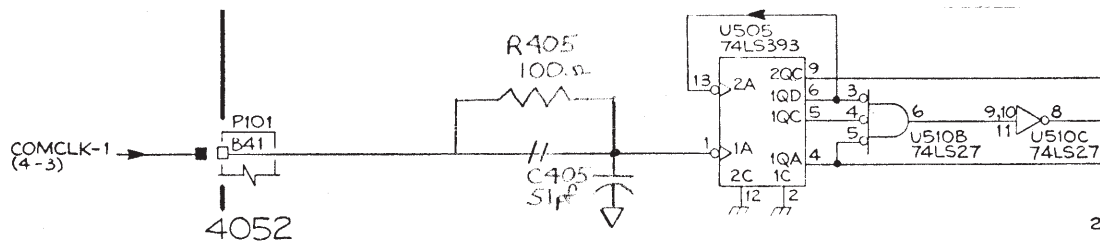
4052/54 MAG TAPE ERROR - COM CLOCK MODIFICATION #M40828 (CONTINUED)

Procedure to MOD the 670-5666-01 4054 I/O Board.

Parts Needed: 1 283-0107-00 51pf capacitor
1 317-0101-00 100ohm resistor

Procedure: (refer to figure 2)

- 1) Clip and lift U120 pin 1
- 2) Add 100 ohm resistor circuit number R121 (317-0101-00), between U120 pin 1 and the pad of where pin 1 of U120 was clipped from.
- 3) Add a 51pf capacitor, circuit number C121 (283-0107-00), between U120 pin 1 and ground.
- 4) The 670-5666-01 rolls to a -02.



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