

4054/618 DEFLECTION AMP BOARD (672-0783-02) MODIFICATION #M39710 & #M38624

Some 4054s demonstrate graphics break-up while operating in the refresh mode. There was a correction to the Deflection Amp of the 4054 only to solve the refresh graphics break-up (672-0782-02 level board & below). The modification number is #M39710 and the board level changed from -02 to -03 and was implemented in 4054s between serial numbers B010354 to approximately B010600 (refer to figure 1). The -03 level board is not compatible with the 618, and further evaluation of #M39710 proved that it did not correct all 4054s, therefore the implementation of this modification was dropped.

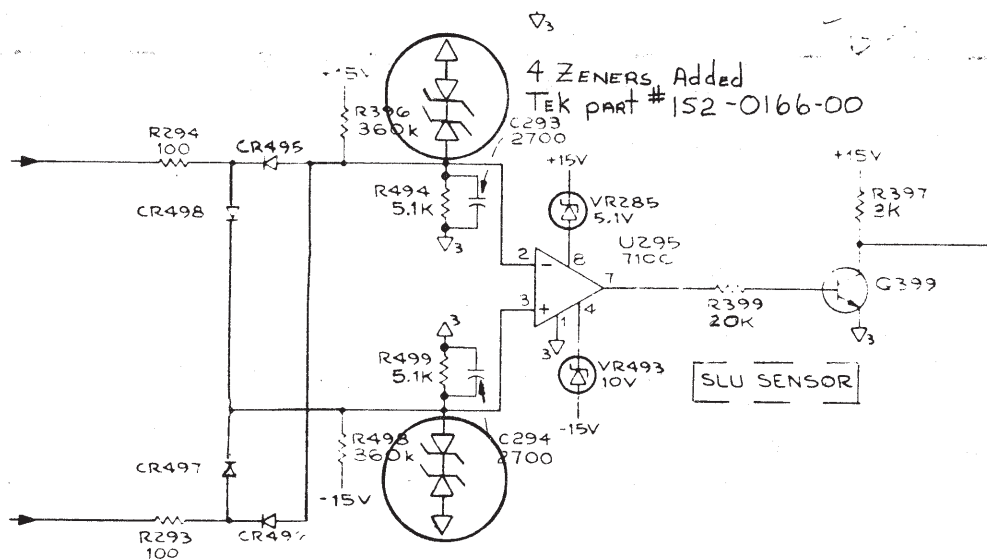


Figure 1 #M39710; Schematic 9-2 4054 Service Manual (070-2839-00)
Deflection Amp; SLU Sensor Circuitry

Modification #M39710 has been superseded and replaced by modification #M38624. Change #M38624 addresses both the -02 and -03 level Deflection Amp for both the 618 and 4054. This change is being implemented in both the 618 and the 4054 Deflection Amp and rolls both the -02 and -03 level boards to a -04 level board. There is a kit available which includes the instructions for the implementation of #M38624 and the kit number is 040-0977-00. In addition to correcting the refresh graphics break-up this new modification solves the insufficient resolution of the hard copy gain trim due to extreme range of the variable resistors. (Figure 2)

(continued)

4054/618 DEFLECTION AMP BOARD (672-0783-02) MODIFICATION #M39710 & #M38624 (CONTINUED)

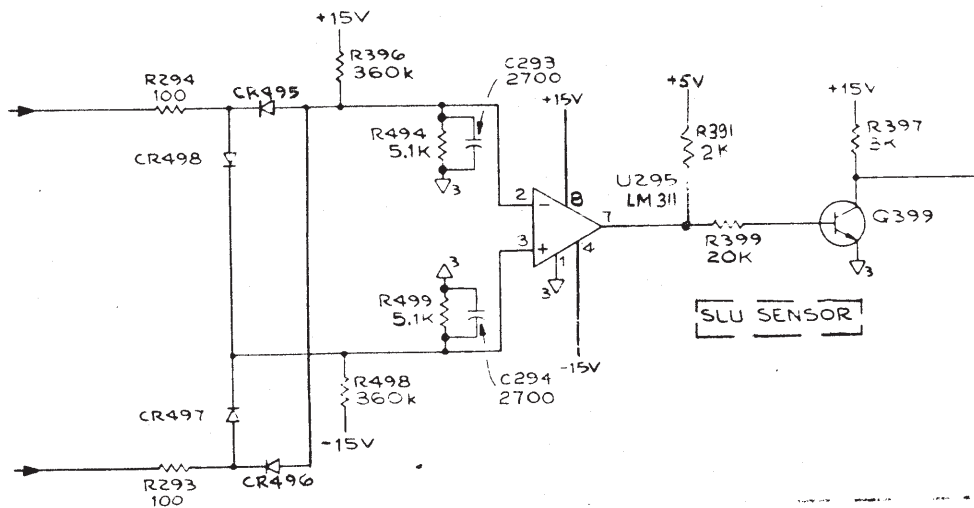


Figure 2 #M38624; Schematic 9-2 4054 Service Manual
Deflection Amp; SLU Sensor Circuitry

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4663 TWO VOLUME SERVICE MANUAL AVAILABLE

There is, now available, a two-volume 4663 Service Manual which replaces the preliminary Service Manual P/N 061-1910-00. The new Service Manual has two part numbers and should be ordered as a set:

VOLUME 1 is P/N 070-2669-00
VOLUME 2 is P/N 070-3453-00

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