

### 4054/4054A Q5001 AND Q5002 MODIFICATION (CONT.)

The modification allows removing the contacts and housings from the transistor ends of these cables, stripping back the insulation and soldering the wires directly to the transistor legs. See schematics for details on color codes and transistor connections.

4054A's with serial number of B043200 or greater will have this modification.

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### 4054/4054A SCREWS CPU SANDWICH TO FRAME ASSEMBLY

Ref: 4054/4054A Parts and Schematics  
Service Manual, Part Number  
070-2839-03

Questions have filtered in from different field personnel concerning the length and placement of the screws which hold the CPU sandwich to its frame assembly. The figure below shows the frame assembly, the screws and the holes which the screws are inserted through. Note circled alpha characters, each denote a different length screw. Following the figure is a table for cross-referencing the index character to screw length.

Note that there are two "D" type screws listed. On the 4054A this screw goes through the ALU board and into the I/O board, whereas on the 4054 it only screws to the ALU board.

(ARTICLE CONTINUED ON THE NEXT PAGE)

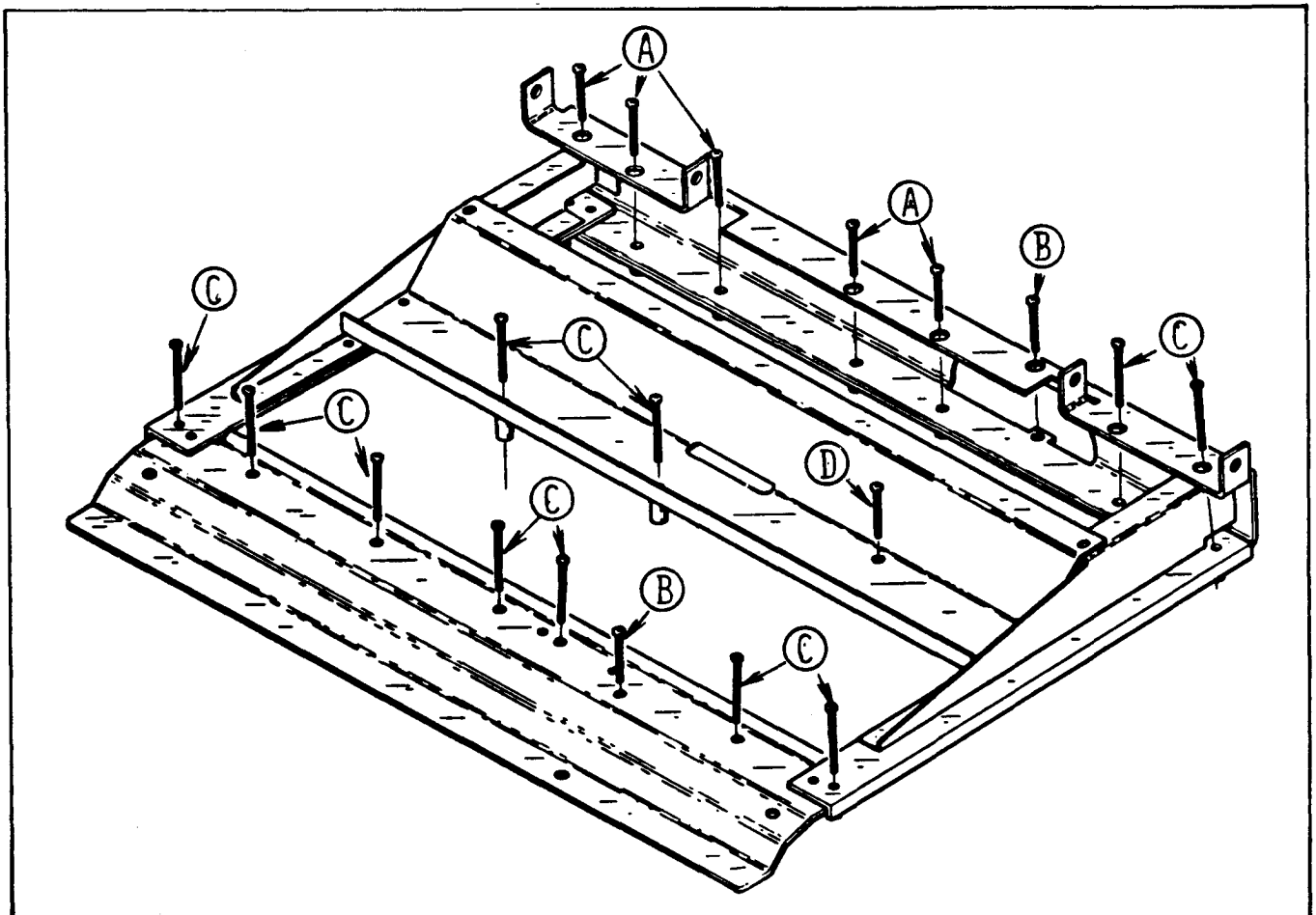


Figure 1

# 4054/4054A SCREWS CPU SANDWICH TO FRAME ASSEMBLY (CONT.)

<u>Index Character</u>	<u>Screw Length</u>	<u>Tektronix P/N</u>	<u>Quantity</u>	<u>Comments</u>
A	1.375"	211-0525-00	5	4054/54A
B	1.0"	211-0517-00	2	4054/54A
C	1.5"	211-0553-00	11	4054/54A
D	0.375"	211-0559-00	1	4054 only
D	1.750"	211-0530-00	1	4054A only

Table 1

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## 4112B/4113B PART NUMBER CHANGES

Changes have occurred that require some part numbers to roll from -00 to -01. Listed below are the corrections.

Processor boards are now:

4112B 672-1157-01  
4113B 672-1155-01

RAM/ROM boards are now:

4112B 672-1158-01  
4113B 672-1156-01

ROM changes to 4112B Processor board:

U231 160-1005-05 rolls to -06  
U241 160-1004-05 rolls to -06

ROM changes to 4112B RAM/ROM board:

U61 160-0993-04 rolls to -05  
U71 160-0995-04 rolls to -05  
U161 160-0992-04 rolls to -05  
U171 160-0994-04 rolls to -05

ROM changes to 4113B Processor board:

U231 160-1550-05 rolls to -06  
U241 160-1549-05 rolls to -06

ROM changes to 4113B RAM/ROM board:

U61 160-1536-04 rolls to -05  
U71 160-1538-04 rolls to -05  
U161 160-1535-04 rolls to -05  
U171 160-1537-04 rolls to -05

Make these changes to your manuals. This is also an addition to the Service Maintenance Information.

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## 4115B INTERMITTENT DISPLAY VIDEO

When the Digital Convergence board in the 4115B display is mounted vertical for maintenance, the 3M connector P61 may become pinched causing a loss of video.

The pins at J61 are .050 inch too long and if pressure is placed on connector P61 pin two (INT GAIN) may short to a ground strap on the 3M cable. If intermittent video is experienced, relieve the pressure on P61 and reseat connector so board pins are not shorting to 3M cable.

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